

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001079.D
 Acq On : 24 Apr 2018 16:20
 Operator : JC/MD
 Sample : VX0424WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Manual Integrations
 APPROVED

Sohil
 4/26/2018 4:06:13 AM

Quant Time: Apr 25 07:26:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166974	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.51	113	135260	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.72	98	477658	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	194997	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68789	20.616	ug/l	99
3) Chloromethane	1.32	50	59579	19.175	ug/l	100
4) Vinyl Chloride	1.40	62	61475	19.090	ug/l	99
5) Bromomethane	1.64	94	44120	21.562	ug/l	97
6) Chloroethane	1.73	64	38538	20.139	ug/l	98
7) Trichlorofluoromethane	1.93	101	100692	20.812	ug/l	99
8) Diethyl Ether	2.19	74	36208	20.262	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57845	20.406	ug/l	98
10) Methyl Iodide	2.51	142	32432	17.431	ug/l	99
11) Tert butyl alcohol	3.08	59	66706	129.690	ug/l	98
12) 1,1-Dichloroethene	2.38	96	51517	19.653	ug/l	96
13) Acrolein	2.30	56	22839	147.230	ug/l	97
14) Allyl chloride	2.73	41	94385	19.896	ug/l	98
15) Acrylonitrile	3.15	53	149778	107.598	ug/l	100
16) Acetone	2.45	43	151052	117.619	ug/l	99
17) Carbon Disulfide	2.57	76	123762	16.566	ug/l	99
18) Methyl Acetate	2.78	43	96597	24.857	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	183019	20.768	ug/l	99
20) Methylene Chloride	2.86	84	69791	25.019	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	55085	18.877	ug/l	98
22) Diisopropyl ether	3.88	45	185591	20.210	ug/l	98
23) Vinyl Acetate	3.83	43	748521	98.453	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100651	19.540	ug/l	99
25) 2-Butanone	4.71	43	220931	110.202	ug/l	99
26) 2,2-Dichloropropane	4.59	77	86502	19.521	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62728	19.297	ug/l	100
28) Bromochloromethane	5.03	49	32735	16.525	ug/l	96
29) Tetrahydrofuran	5.18	42	136485	107.735	ug/l	100
30) Chloroform	5.23	83	107450	20.141	ug/l	97
31) Cyclohexane	5.58	56	88969	18.504	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	94804	19.820	ug/l	98
36) 1,1-Dichloropropene	5.81	75	77818	18.315	ug/l	100
37) Ethyl Acetate	4.87	43	82522	21.173	ug/l	99
38) Carbon Tetrachloride	5.79	117	82162	19.097	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93432	18.891	ug/l	99
40) Benzene	6.15	78	231247	19.576	ug/l	97
41) Methacrylonitrile	5.07	41	50069	20.571	ug/l	98
42) 1,2-Dichloroethane	6.21	62	90833	20.033	ug/l	100
43) Isopropyl Acetate	6.48	43	136387	20.397	ug/l	98
44) Trichloroethene	7.22	130	68249	18.911	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60078	20.226	ug/l	96
46) Dibromomethane	7.67	93	41309	19.904	ug/l	99
47) Bromodichloromethane	7.91	83	76032	19.776	ug/l	99
48) Methyl methacrylate	7.79	41	72832	20.228	ug/l	97
49) 1,4-Dioxane	7.76	88	26568	501.790	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	447967	110.336	ug/l	98
52) Toluene	8.79	92	151518	19.652	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	89361	19.435	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	82154	18.948	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	61141	19.951	ug/l	99
56) Ethyl methacrylate	9.19	69	89607	19.908	ug/l	97
57) 1,3-Dichloropropane	9.38	76	101100	19.915	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	264608	120.456	ug/l	99
59) 2-Hexanone	9.51	43	345053	111.034	ug/l	98
60) Dibromochloromethane	9.59	129	62890	19.540	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65332	20.201	ug/l	99
64) Tetrachloroethene	9.34	164	73340	20.088	ug/l	98
65) Chlorobenzene	10.15	112	177772	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62754	19.972	ug/l	99
67) Ethyl Benzene	10.26	91	295551	19.441	ug/l	98
68) m/p-Xylenes	10.37	106	232682	38.834	ug/l	99
69) o-Xylene	10.71	106	112028	19.394	ug/l	97
70) Styrene	10.72	104	184788	19.424	ug/l	98
71) Bromoform	10.86	173	49050	18.579	ug/l	100
73) Isopropylbenzene	11.02	105	305725	20.183	ug/l	99
74) N-amyl acetate	6.48	43	136387	21.049	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91148	21.256	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	88281m	21.961	ug/l	
77) Bromobenzene	11.26	156	86420	19.655	ug/l	98
78) n-propylbenzene	11.37	91	344497	19.811	ug/l	100
79) 2-Chlorotoluene	11.43	91	205151	19.965	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261618	20.375	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20874	18.145	ug/l	89
82) 4-Chlorotoluene	11.52	91	245312	19.758	ug/l	99
83) tert-Butylbenzene	11.77	119	258044	19.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	267914	20.275	ug/l	99
85) sec-Butylbenzene	11.95	105	313068	20.248	ug/l	100
86) p-Isopropyltoluene	12.07	119	288354	20.160	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	157712	19.160	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161872	19.159	ug/l	99
89) n-Butylbenzene	12.39	91	245480	19.290	ug/l	99
90) Hexachloroethane	12.60	117	40138	19.805	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	159363	19.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19625	21.847	ug/l	97

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ClientSampleId :
VX0424WBS01

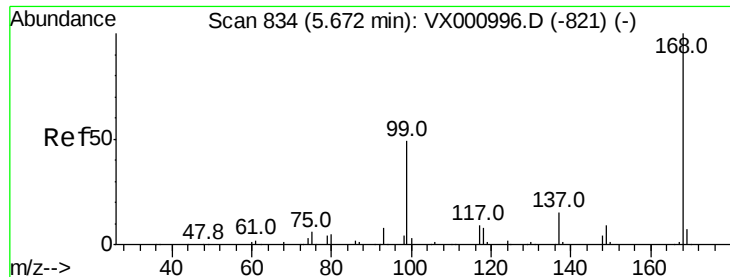
Manual Integrations
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4/26/2018 4:06:13 AM

Quant Time: Apr 25 07:26:19 2018
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121739	18.199	ug/l	100
94) Hexachlorobutadiene	13.79	225	65137	21.520	ug/l	98
95) Naphthalene	13.84	128	342869	20.841	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124631	19.263	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tot Ion:168 Resp: 269046

Ion Ratio Lower Upper

168 100

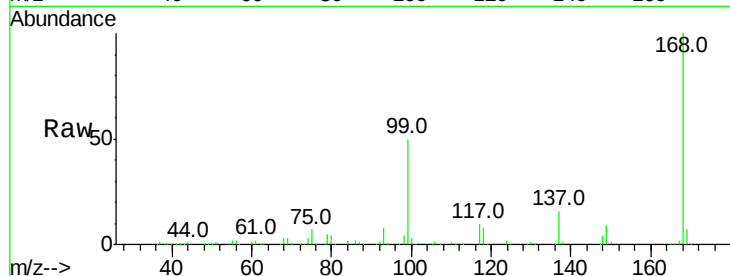
99 50.0 39.2 58.8

Manual Integrations

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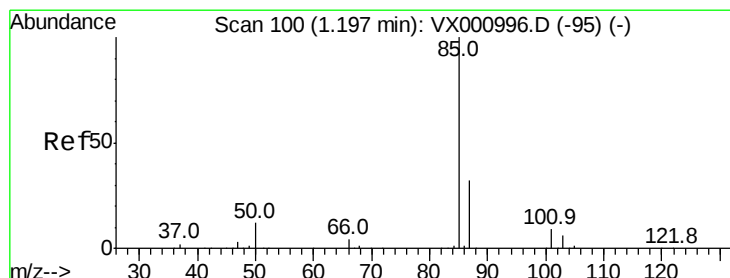
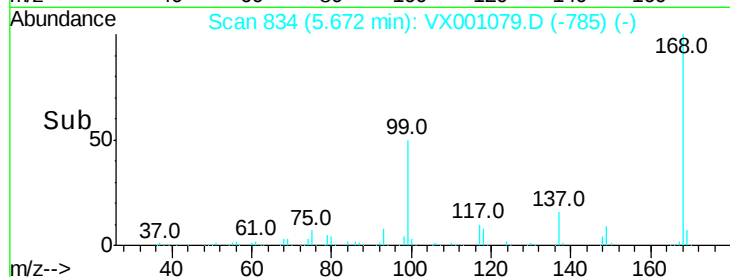
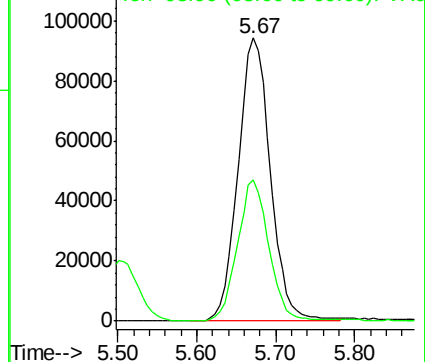
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.616 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001079.D

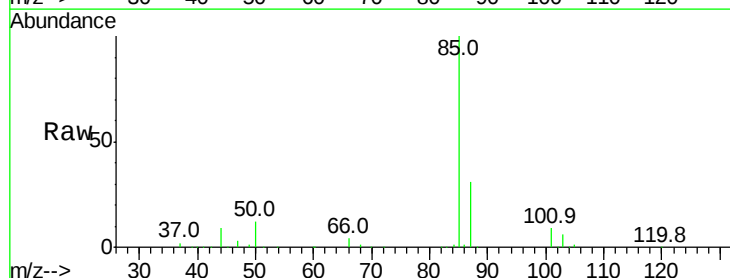
Acq: 24 Apr 2018 16:20

Tgt Ion: 85 Resp: 68789

Ion Ratio Lower Upper

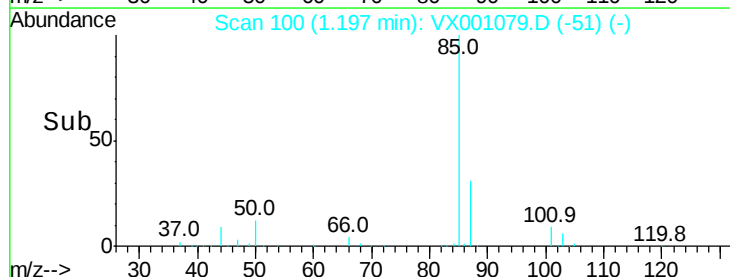
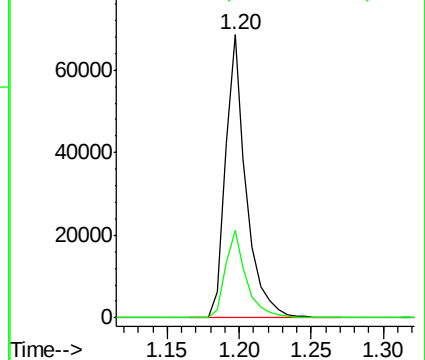
85 100

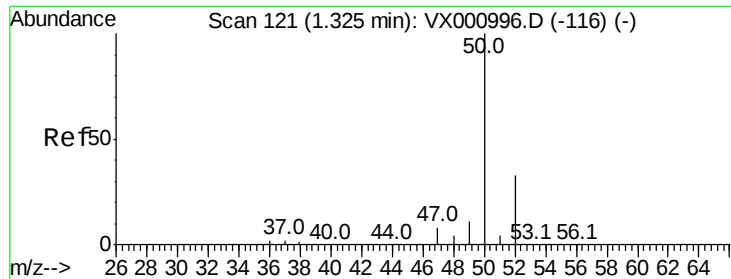
87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.175 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 50 Resp: 59579

Ion Ratio Lower Upper

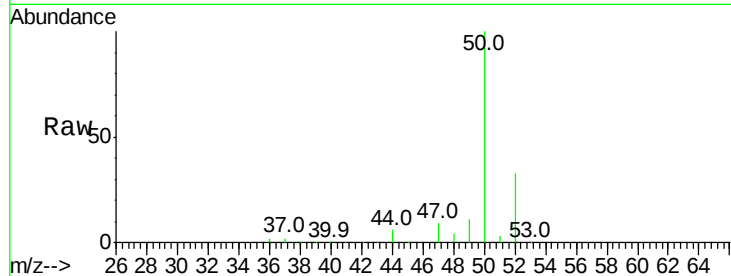
50 100

52 32.7 26.3 39.5

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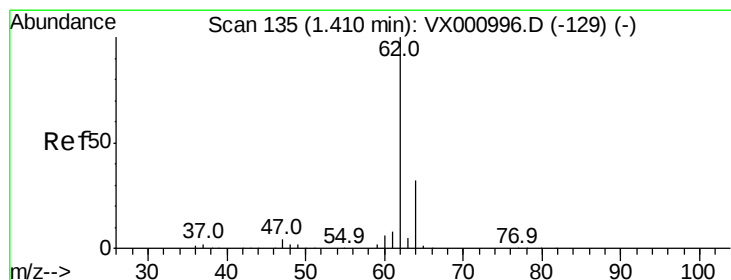
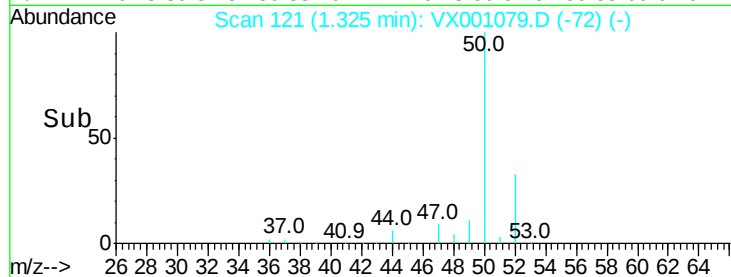
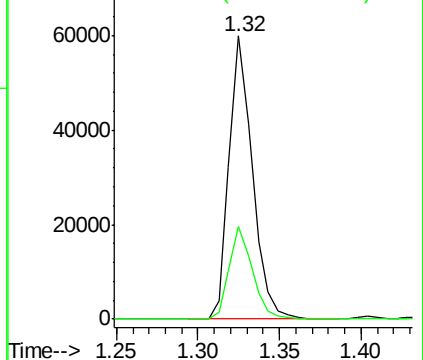
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.090 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001079.D

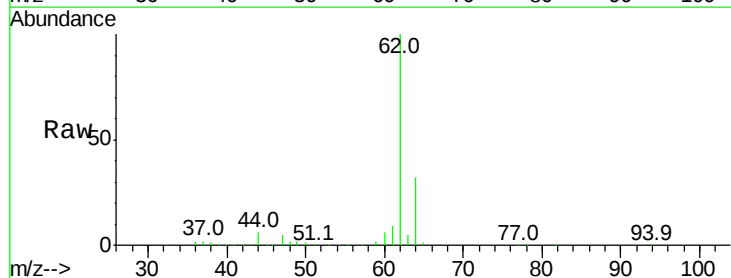
Acq: 24 Apr 2018 16:20

Tgt Ion: 62 Resp: 61475

Ion Ratio Lower Upper

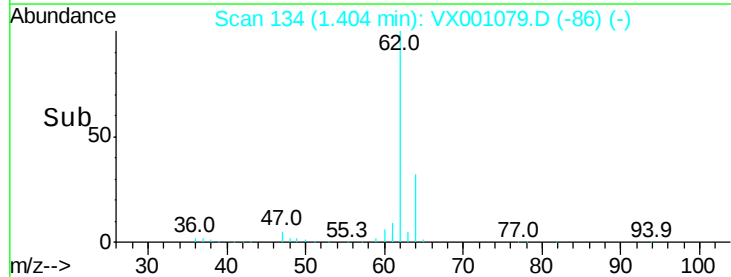
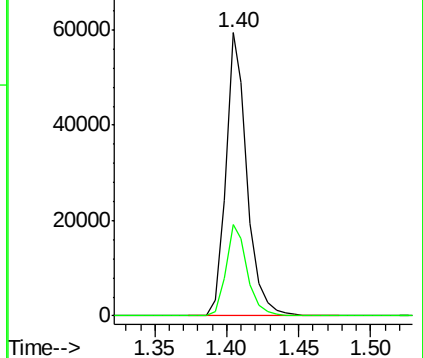
62 100

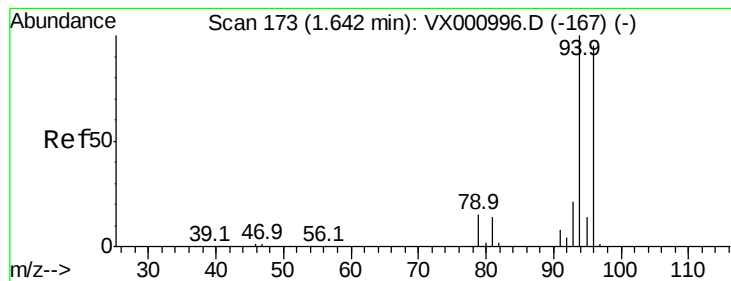
64 32.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.562 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 94 Resp: 44120

Ion Ratio Lower Upper

94 100

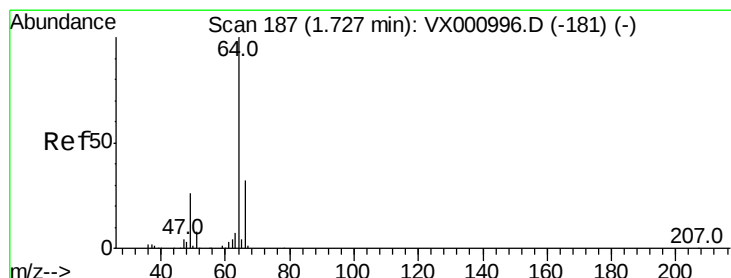
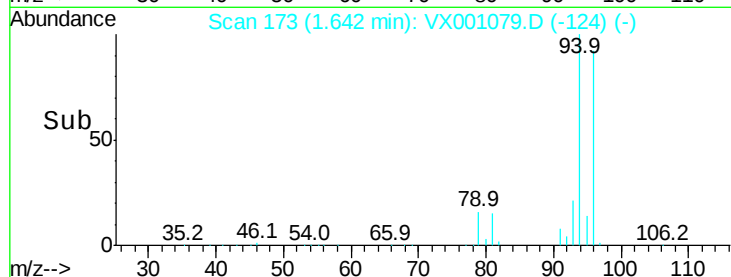
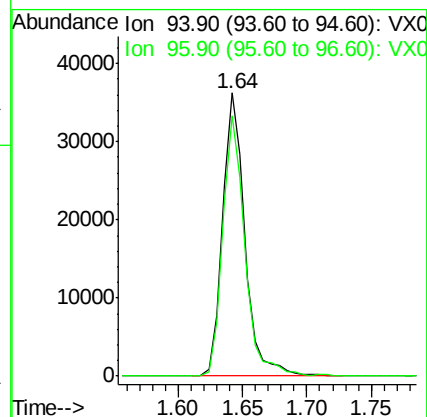
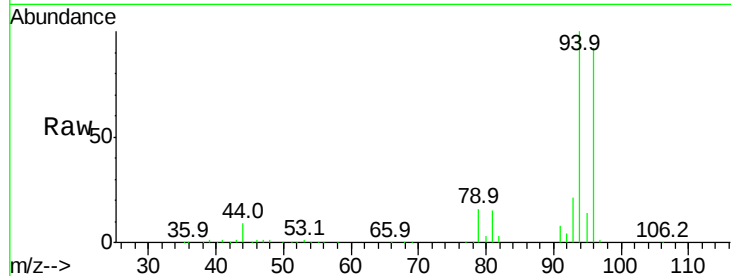
96 92.1 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.139 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001079.D

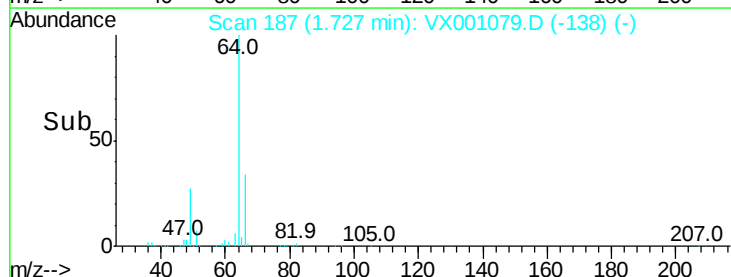
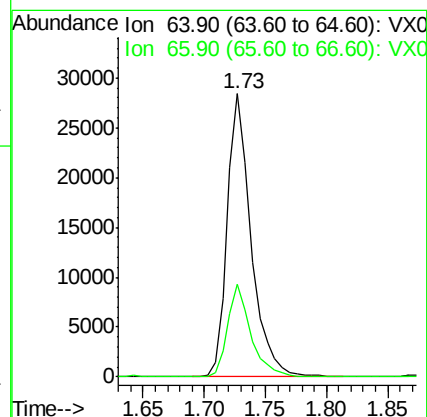
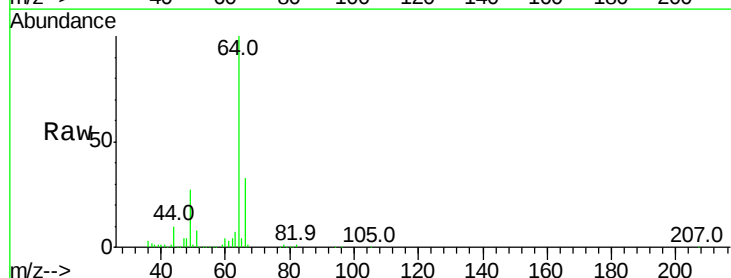
Acq: 24 Apr 2018 16:20

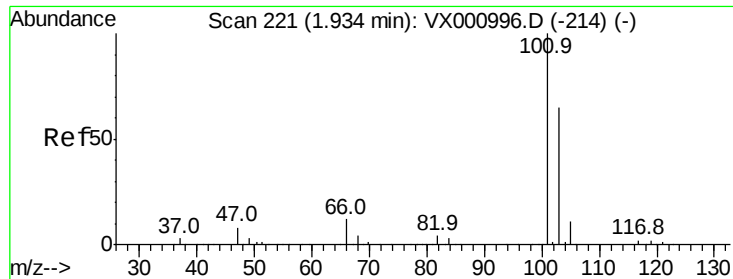
Tgt Ion: 64 Resp: 38538

Ion Ratio Lower Upper

64 100

66 32.9 25.3 37.9





#7

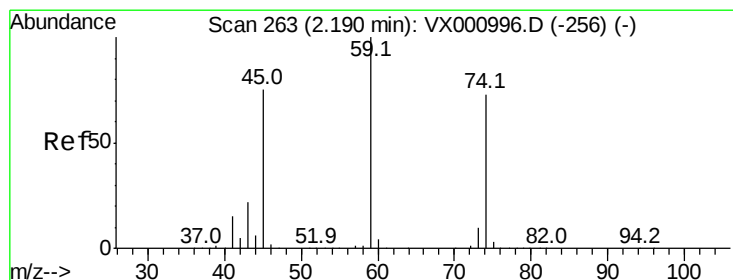
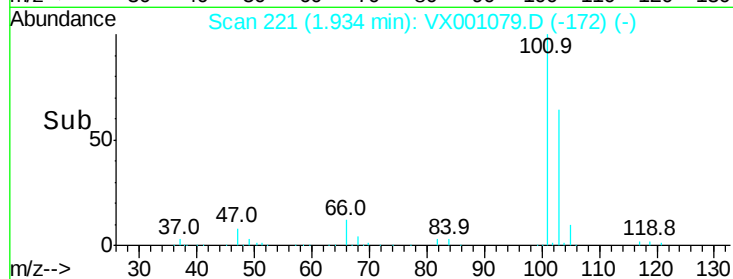
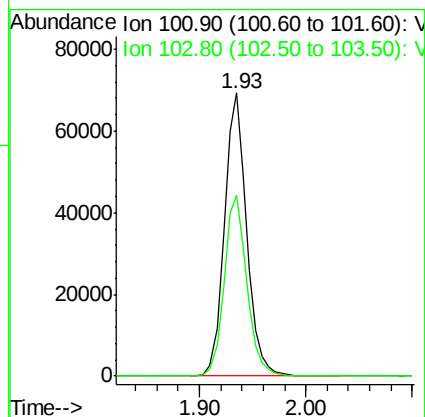
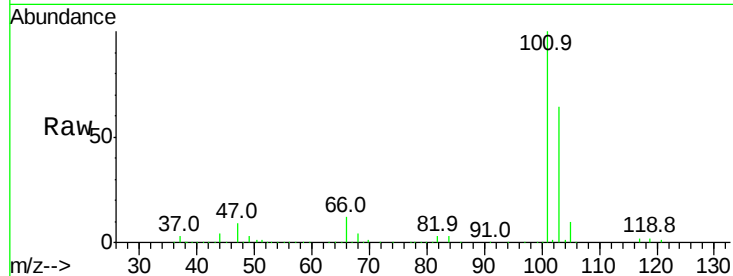
Trichlorofluoromethane
Concen: 20.812 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion:101 Resp: 100692
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.8

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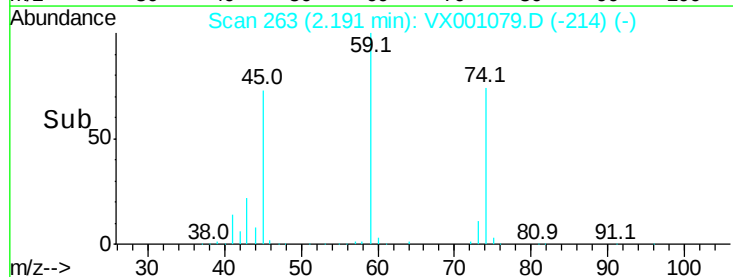
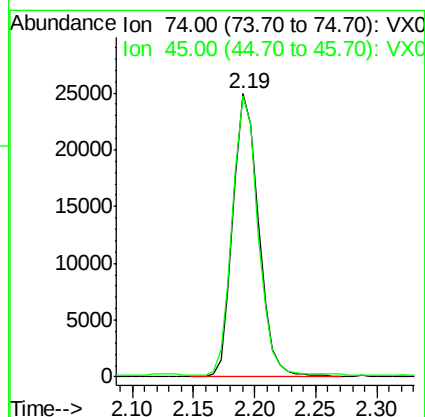
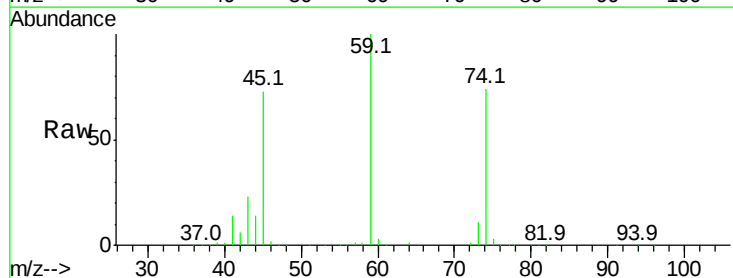
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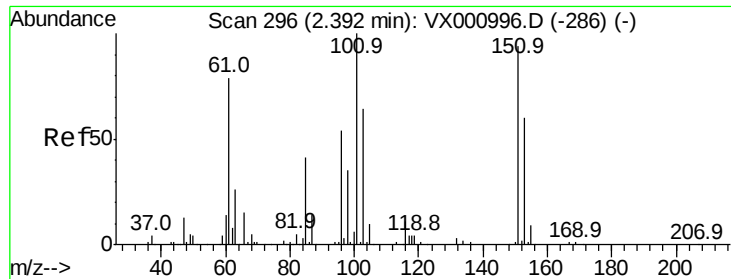


#8

Diethyl Ether
Concen: 20.262 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 74 Resp: 36208
Ion Ratio Lower Upper
74 100
45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.406 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

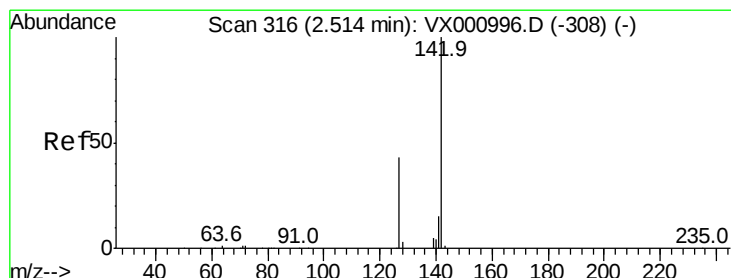
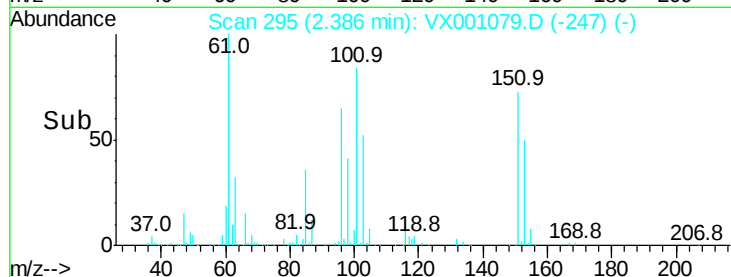
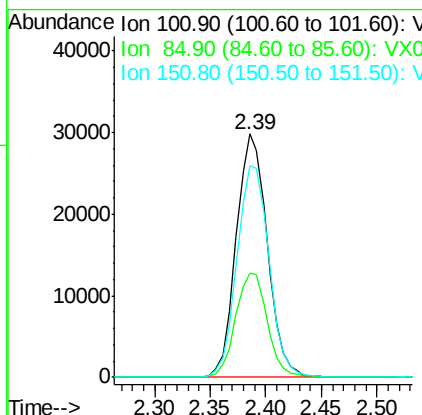
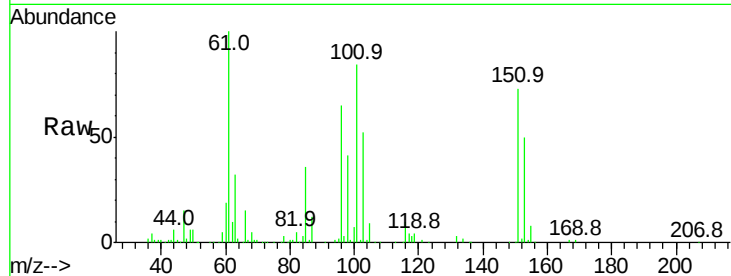
ClientSampleId :

VX0424WBS01

Tot Ion:	101	Resp:	57845
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.9	50.9
151	89.8	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.431 ug/l

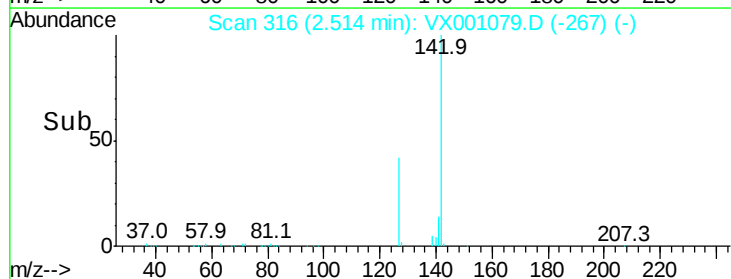
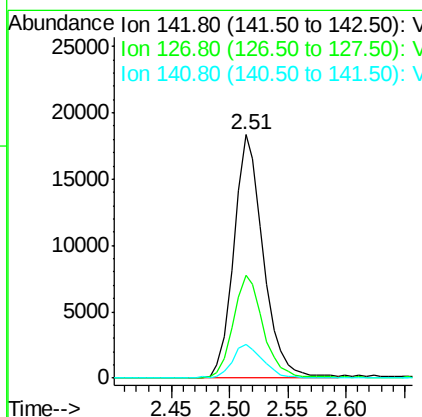
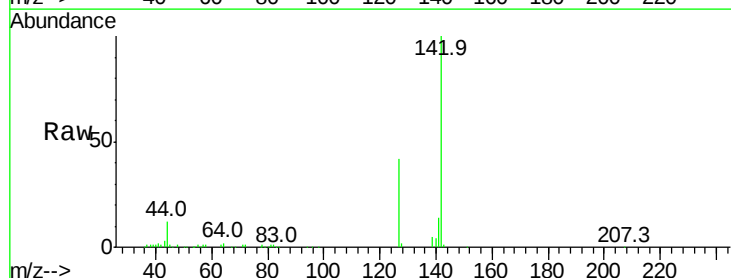
RT: 2.51 min Scan# 316

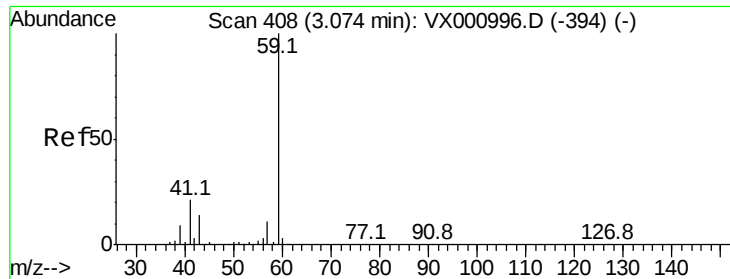
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	142	Resp:	32432
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.0	51.0
141	14.3	11.4	17.2





#11

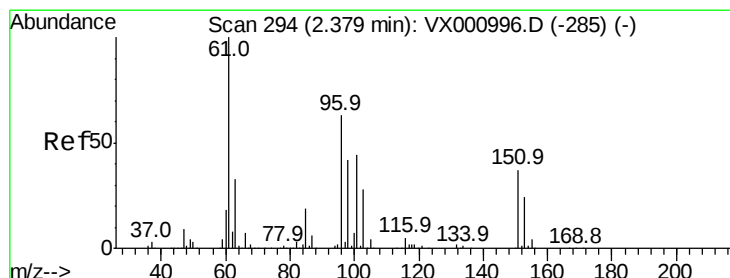
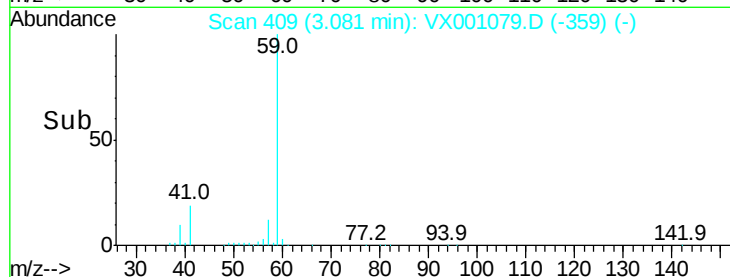
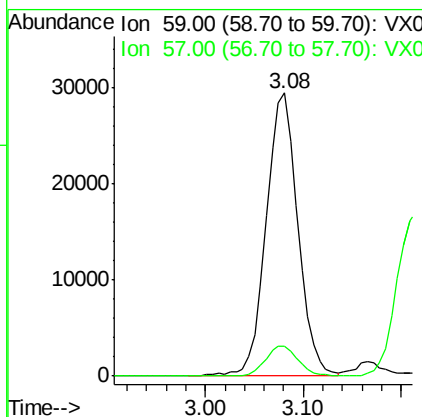
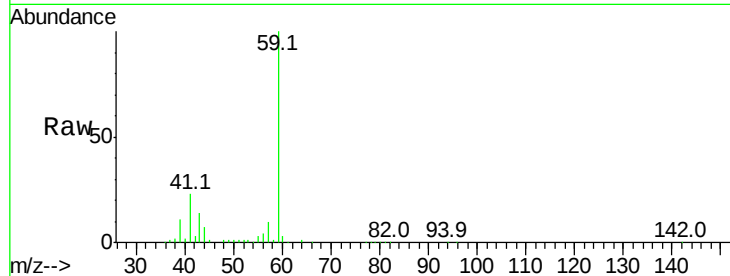
Tert butyl alcohol
 Concen: 129.690 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

Tot Ion	59	Resp	66706
Ion Ratio	100	Lower	Upper
57	11.0	8.3	12.5

Manual Integrations
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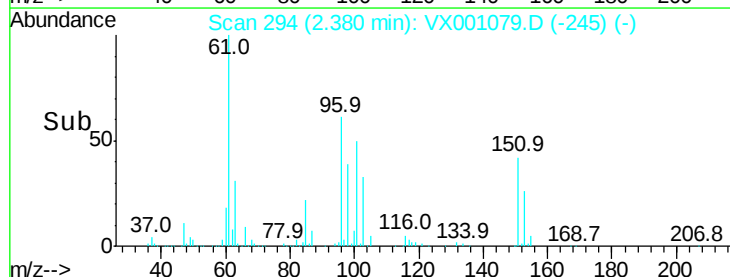
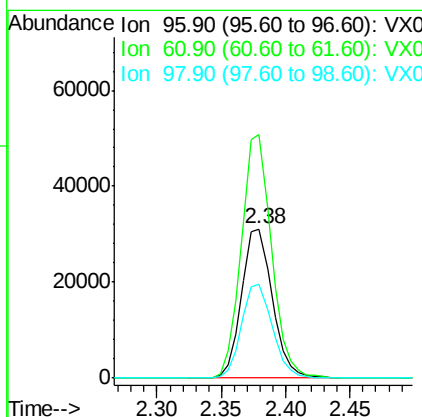
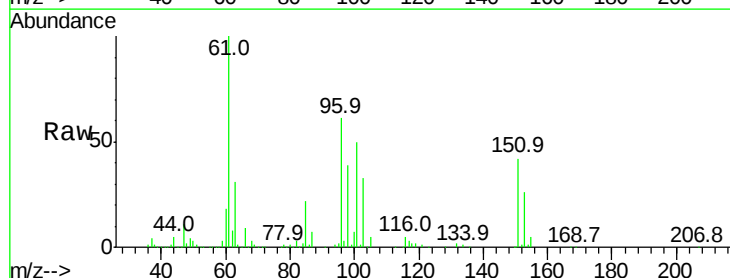
Sohil
 4/26/2018 4:06:13 AM

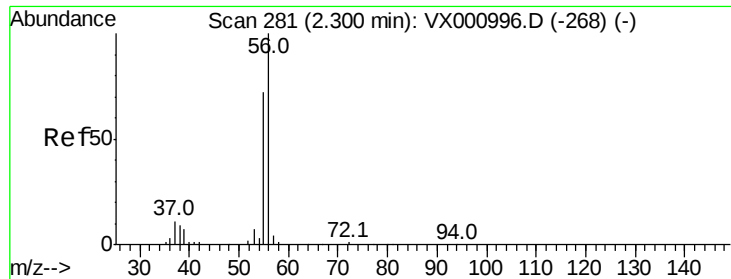


#12

1,1-Dichloroethene
 Concen: 19.653 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion	96	Resp	51517
Ion Ratio	100	Lower	Upper
61	163.5	126.4	189.6
98	63.3	52.6	78.8





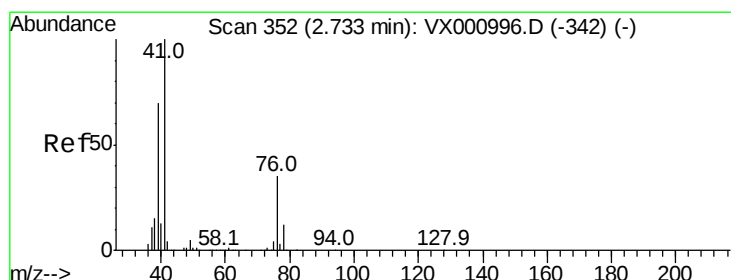
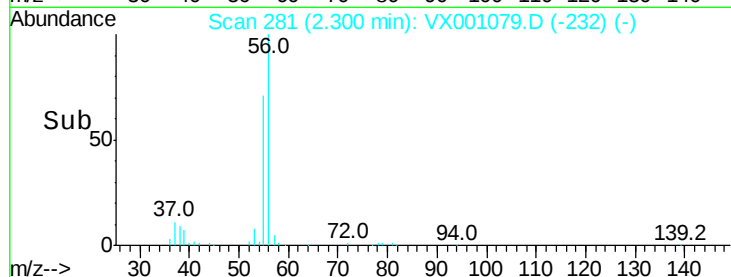
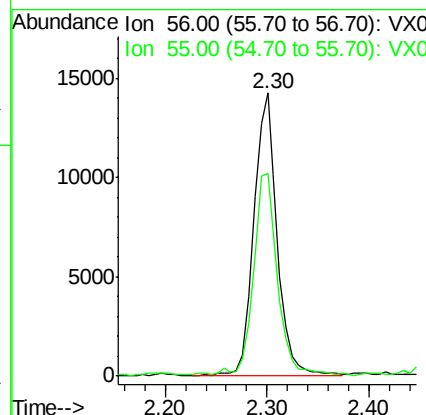
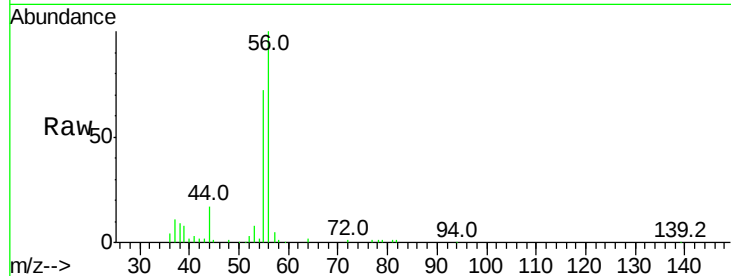
#13
Acrolein
Concen: 147.230 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion: 56 Resp: 22839
Ion Ratio Lower Upper
56 100
55 74.1 57.4 86.2

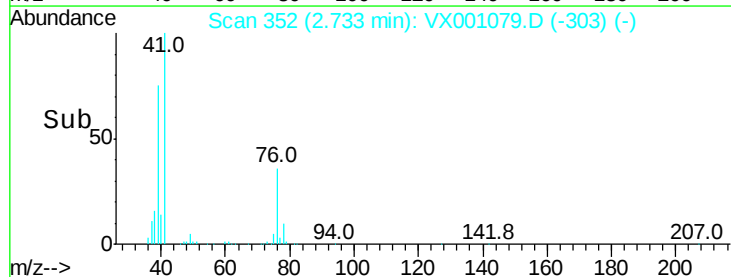
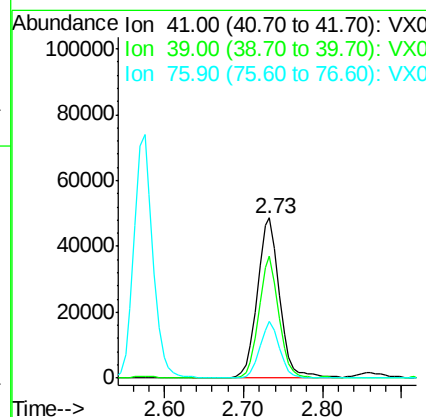
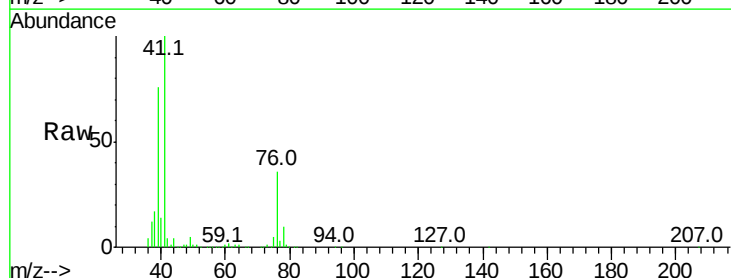
Manual Integrations
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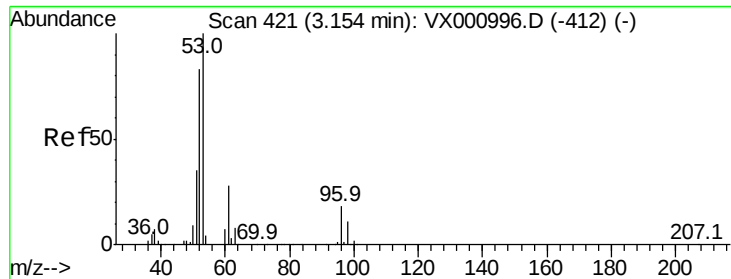
Sohil
4/26/2018 4:06:13 AM



#14
Allyl chloride
Concen: 19.896 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 41 Resp: 94385
Ion Ratio Lower Upper
41 100
39 68.3 53.0 79.6
76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 107.598 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

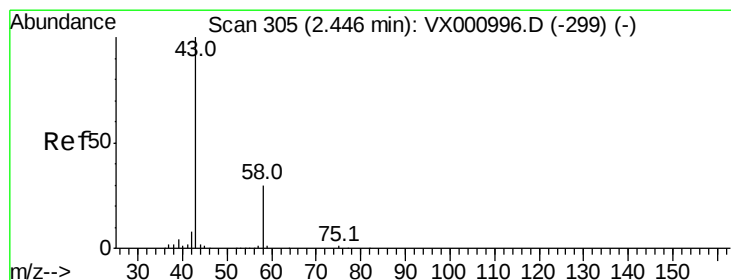
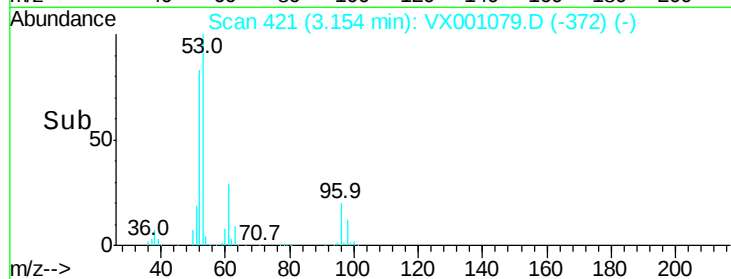
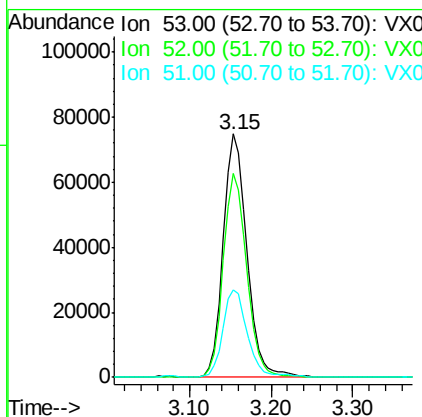
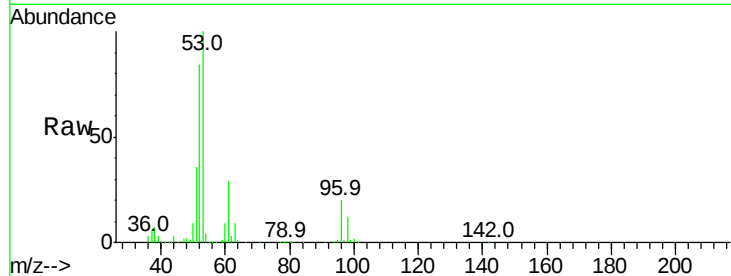
ClientSampled :

VX0424WBS01

Tot Ion:	53	Resp:	149778
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.4	99.6
51	37.1	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 117.619 ug/l

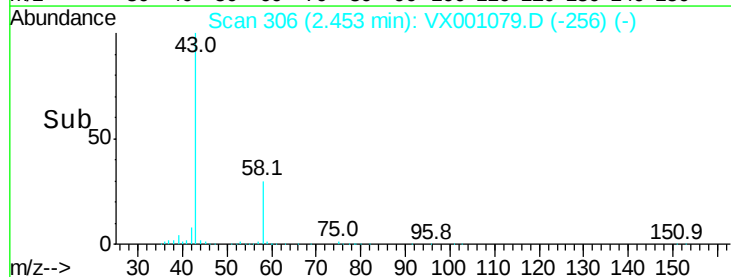
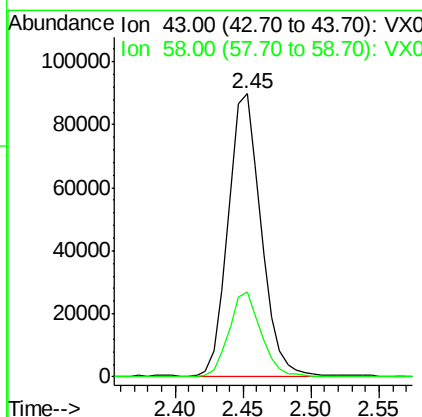
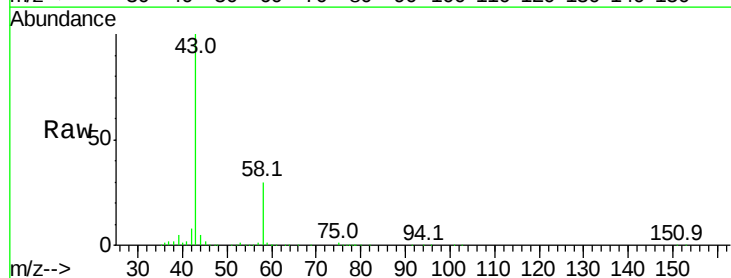
RT: 2.45 min Scan# 306

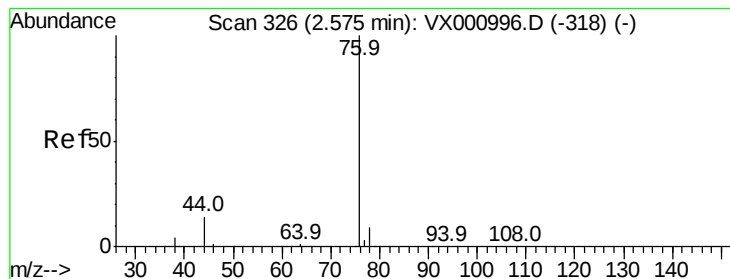
Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	43	Resp:	151052
Ion Ratio	Lower	Upper	
43	100		
58	30.1	23.7	35.5





#17

Carbon Disulfide

Concen: 16.566 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 76 Resp: 123762

Ion Ratio Lower Upper

76 100

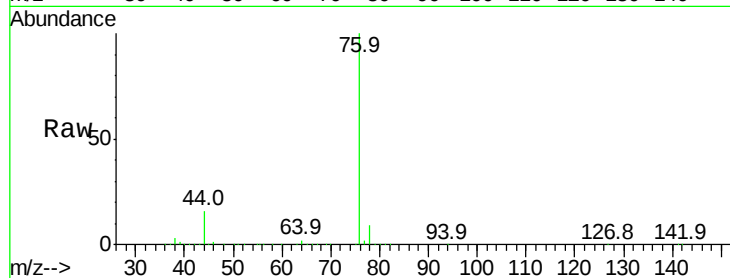
78 8.9 7.3 10.9

Manual Integrations

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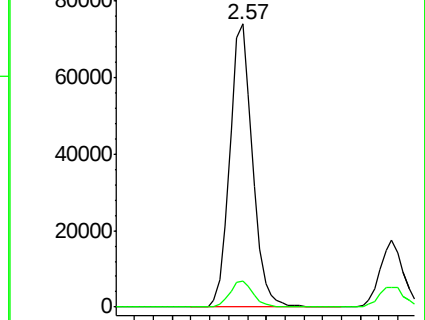
Sohil

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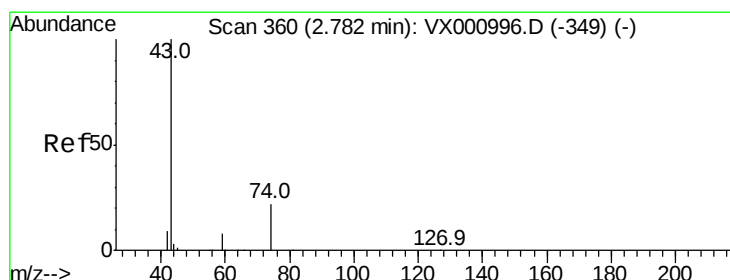
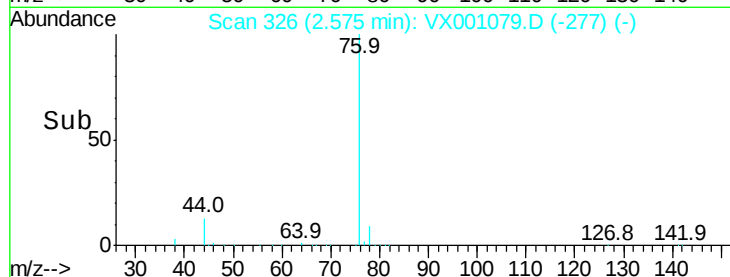


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 24.857 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001079.D

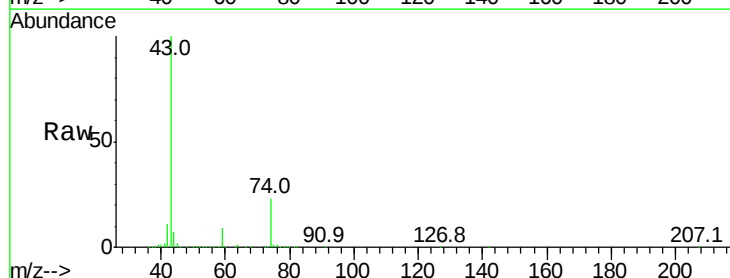
Acq: 24 Apr 2018 16:20

Tgt Ion: 43 Resp: 96597

Ion Ratio Lower Upper

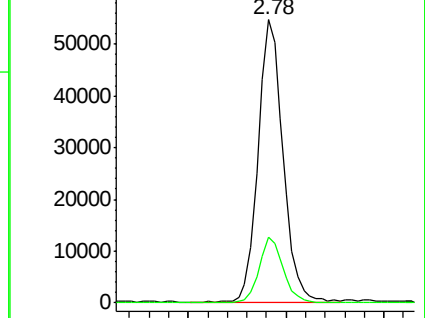
43 100

74 22.8 18.3 27.5

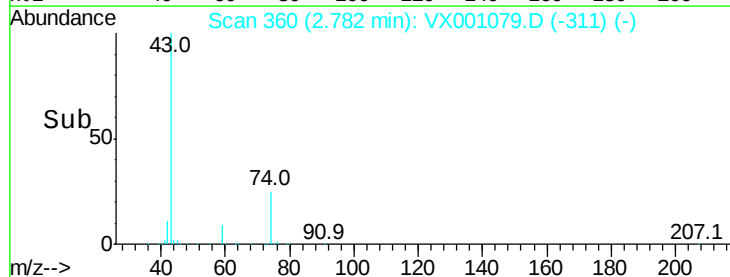


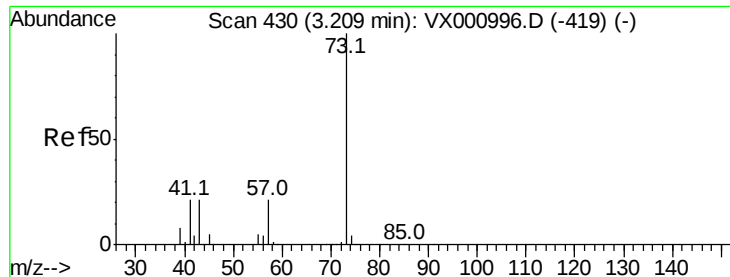
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->





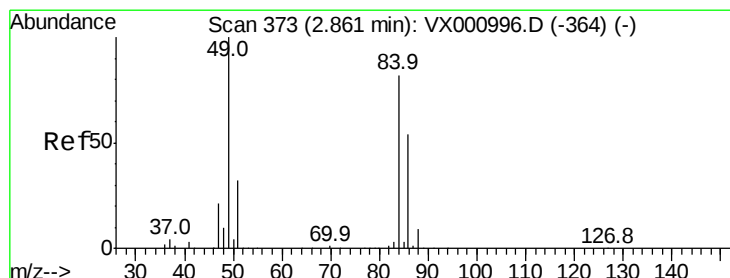
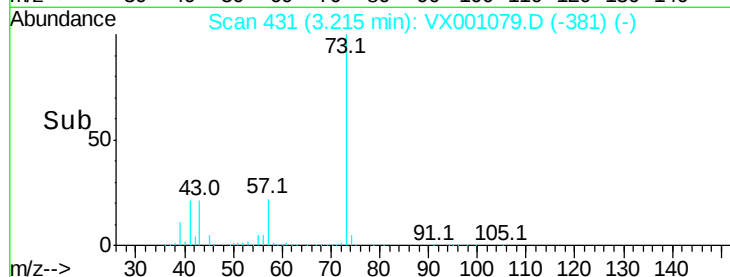
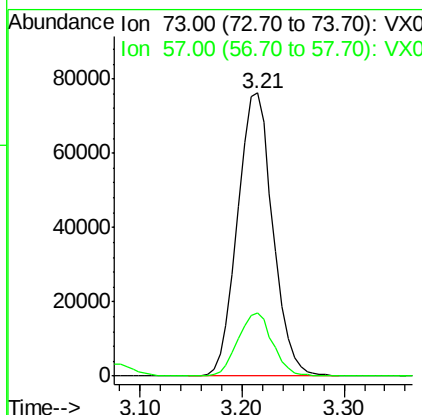
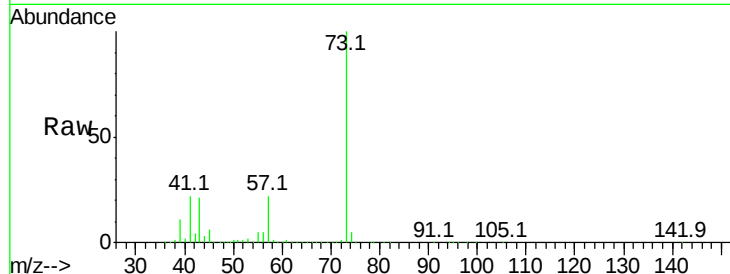
#19
Methvl tert-butvl Ether
Concen: 20.768 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.1	25.7

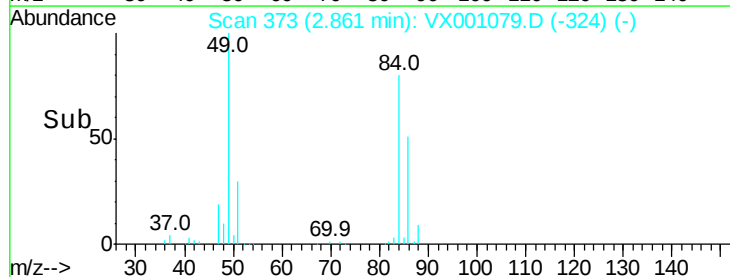
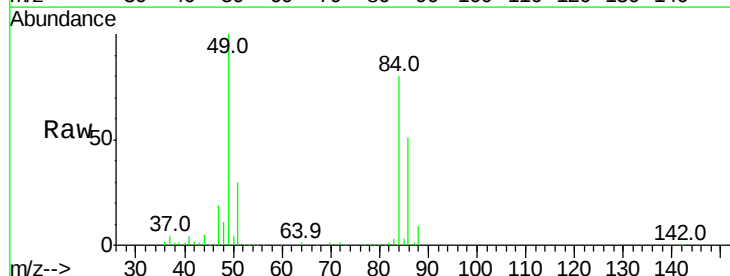
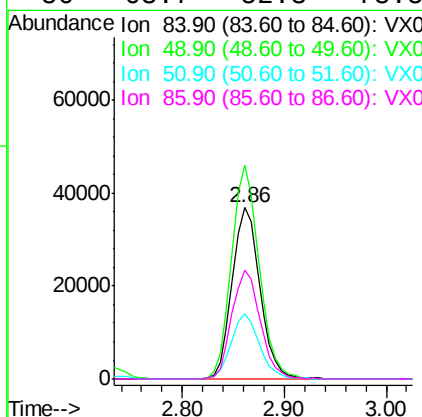
Manual Integrations
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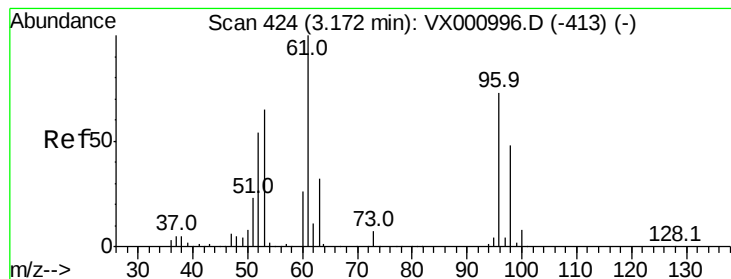
Sohil
4/26/2018 4:06:13 AM



#20
Methylene Chloride
Concen: 25.019 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	97.1	145.7
51	37.7	30.8	46.2
86	63.7	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 18.877 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tot Ion: 96 Resp: 55085

Ion Ratio Lower Upper

96 100

61 137.8 109.4 164.2

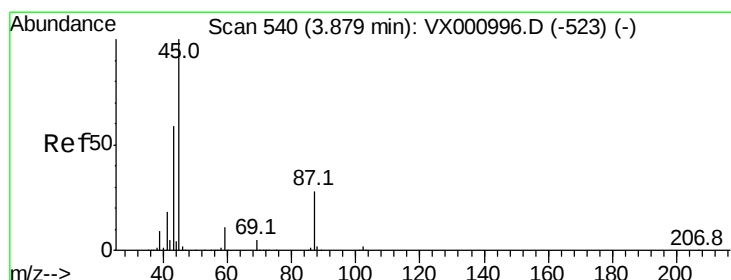
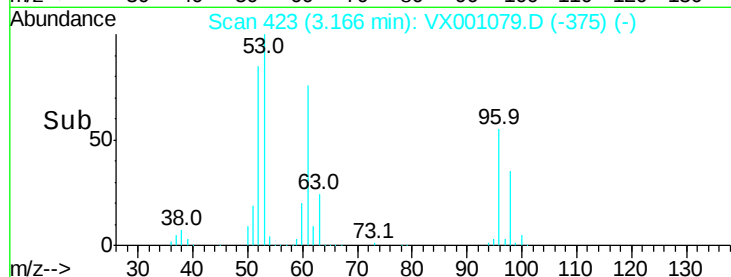
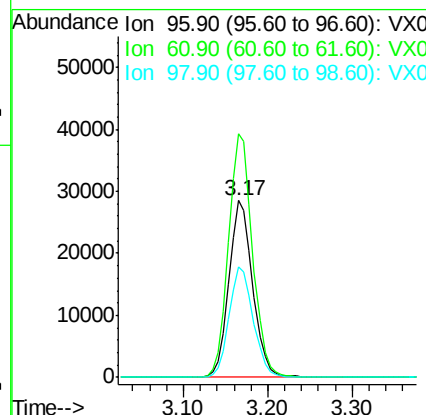
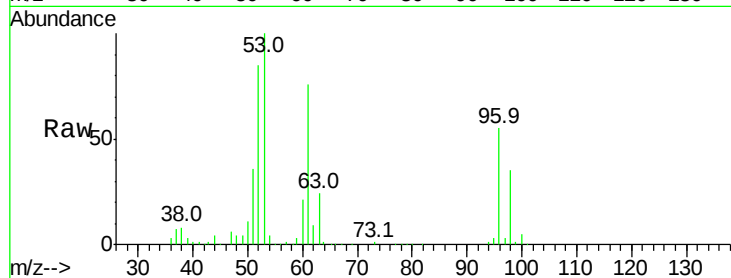
98 62.8 52.6 78.8

Manual Integrations

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Sohil

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#22

Diisopropyl ether

Concen: 20.210 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion: 45 Resp: 185591

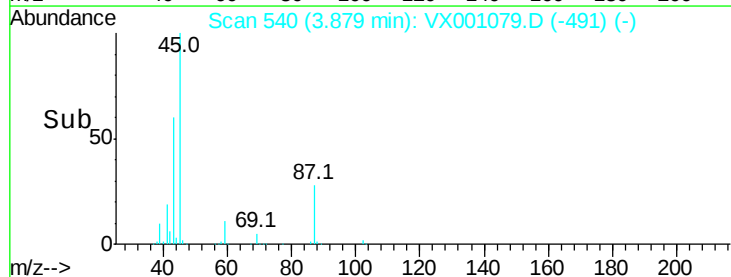
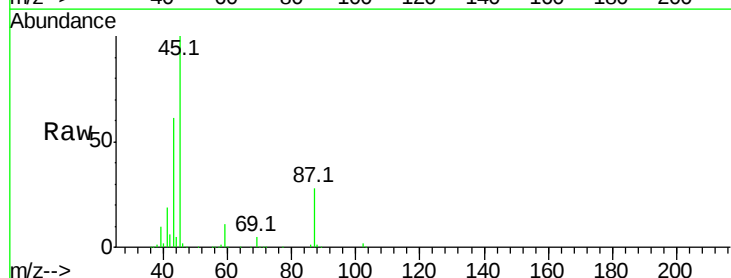
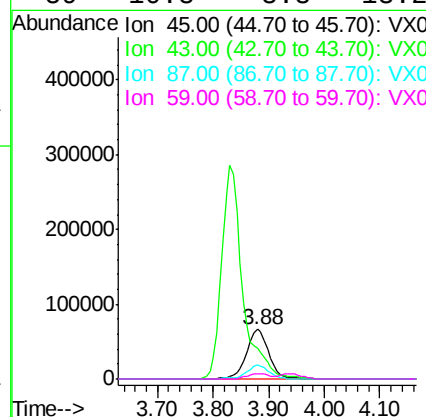
Ion Ratio Lower Upper

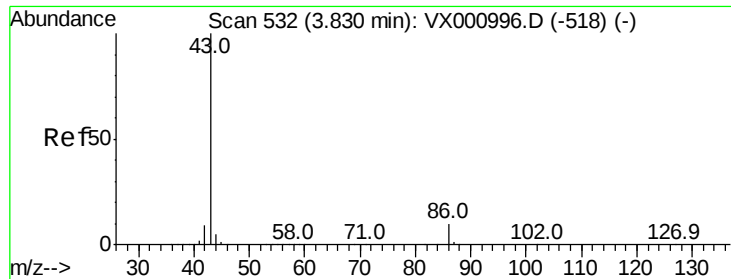
45 100

43 60.5 47.0 70.4

87 27.6 22.5 33.7

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 98.453 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 43 Resp: 748521

Ion Ratio Lower Upper

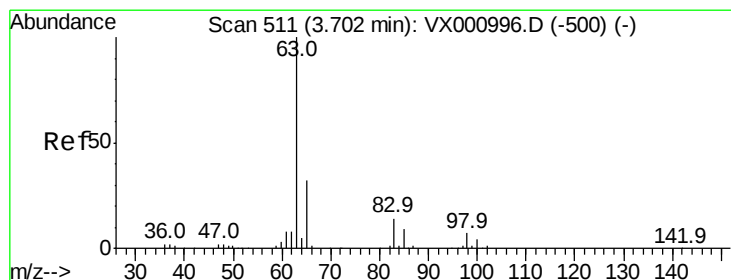
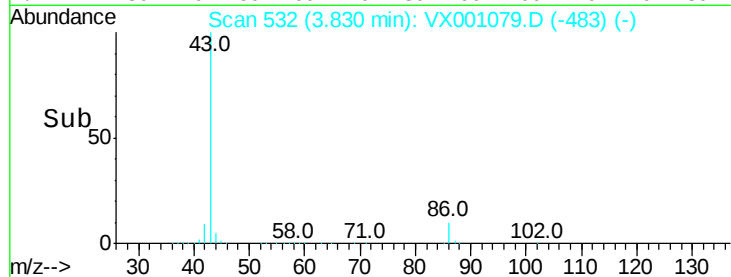
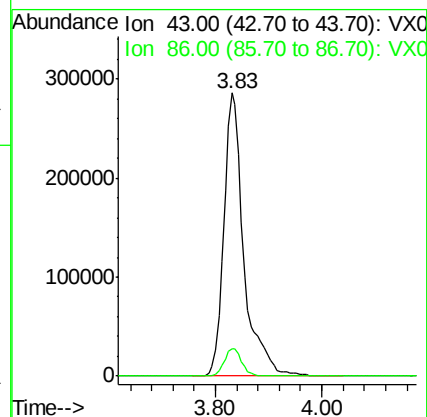
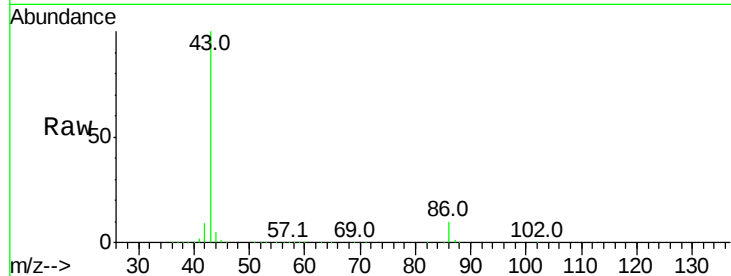
43 100

86 9.8 8.1 12.1

Manual Integrations
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4/26/2018 4:06:13 AM



#24

1,1-Dichloroethane

Concen: 19.540 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

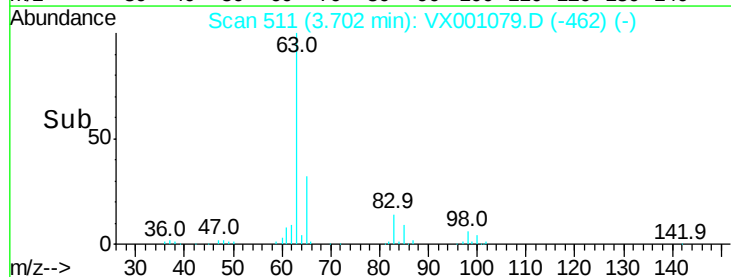
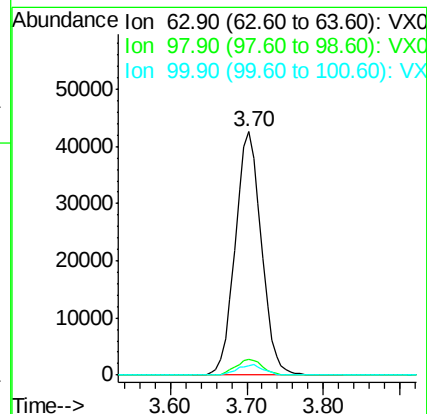
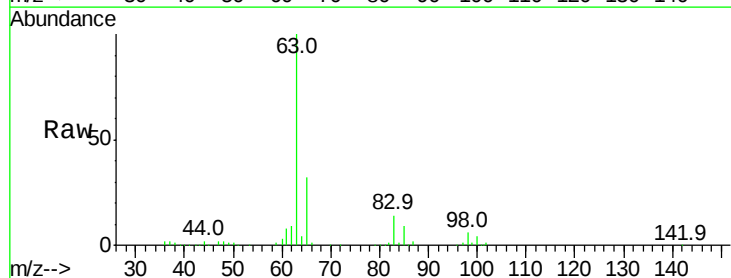
Tgt Ion: 63 Resp: 100651

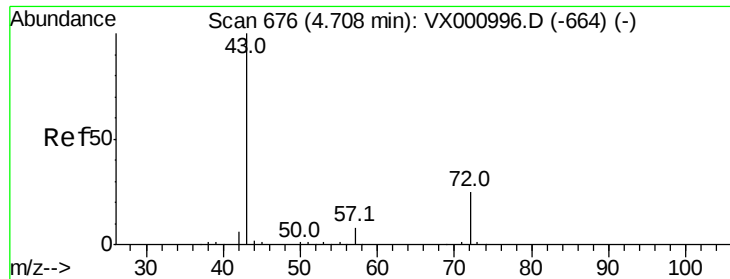
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 110.202 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 43 Resp: 220931

Ion Ratio Lower Upper

43 100

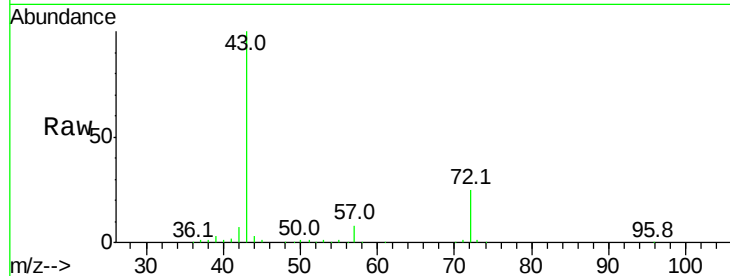
72 25.3 19.9 29.9

Manual Integrations

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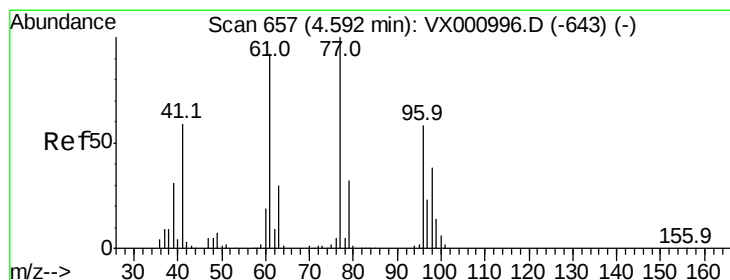
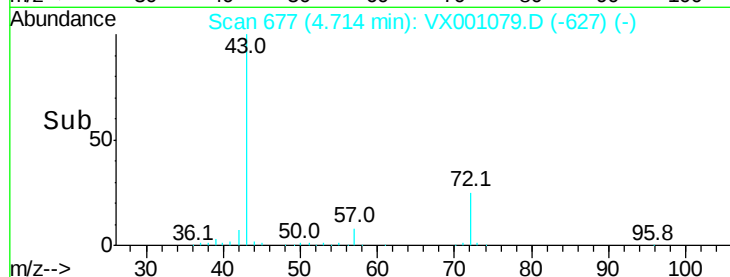
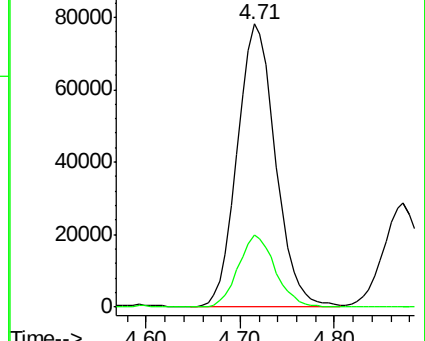
Sohil

4/26/2018 4:06:13 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.521 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001079.D

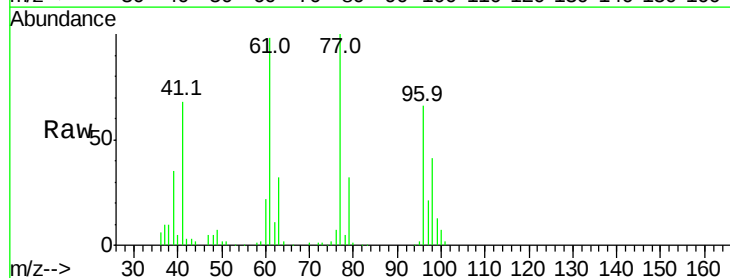
Acq: 24 Apr 2018 16:20

Tgt Ion: 77 Resp: 86502

Ion Ratio Lower Upper

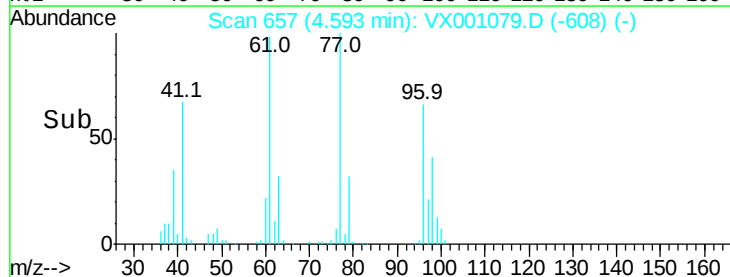
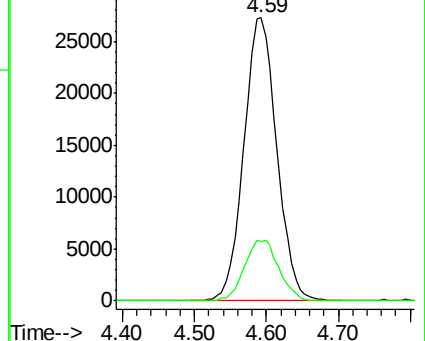
77 100

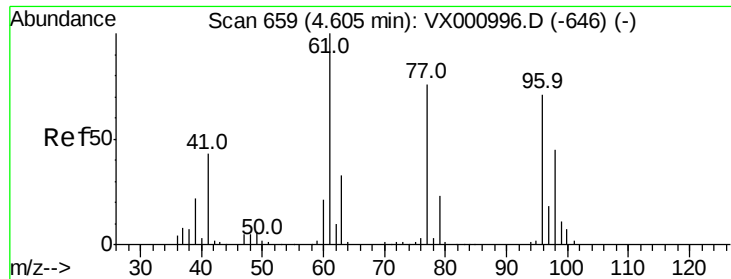
97 22.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

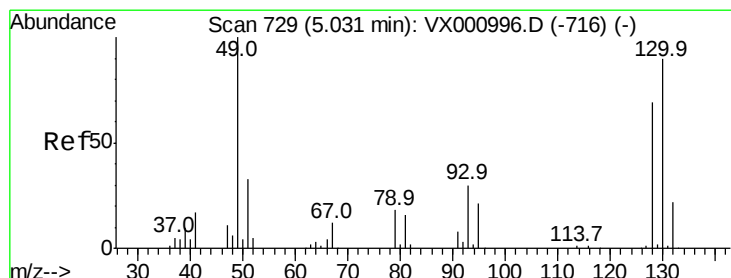
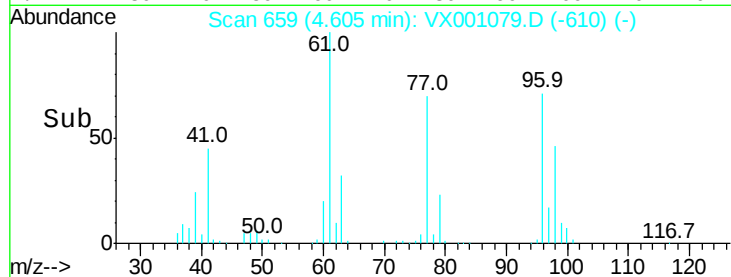
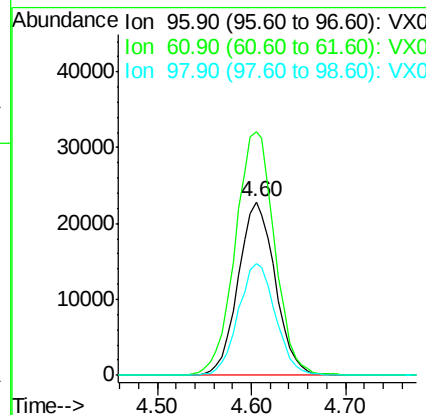
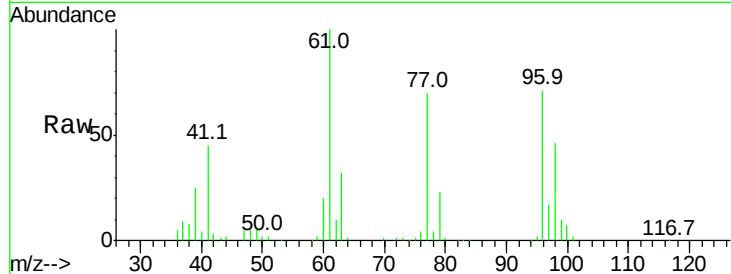
cis-1,2-Dichloroethene
Concen: 19.297 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.0	0.0	297.0
98	65.0	0.0	130.0

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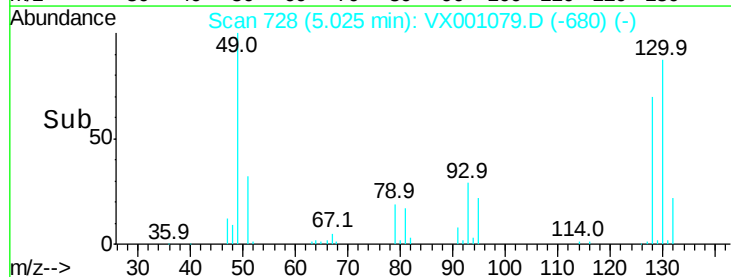
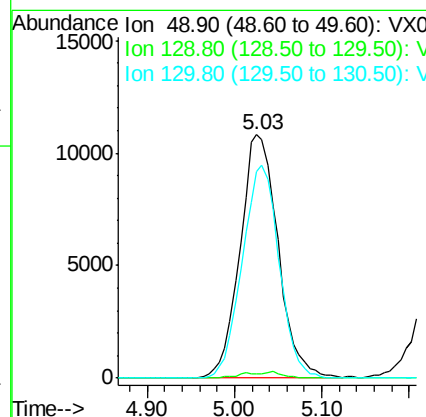
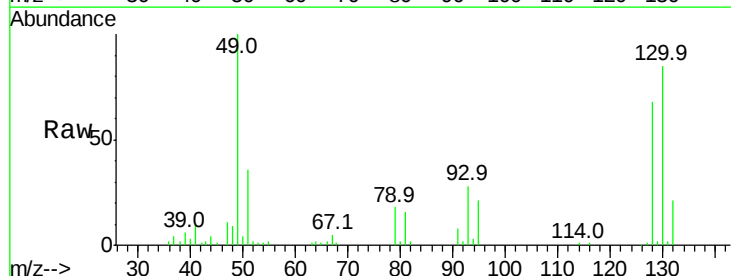
Sohil
4/26/2018 4:06:13 AM

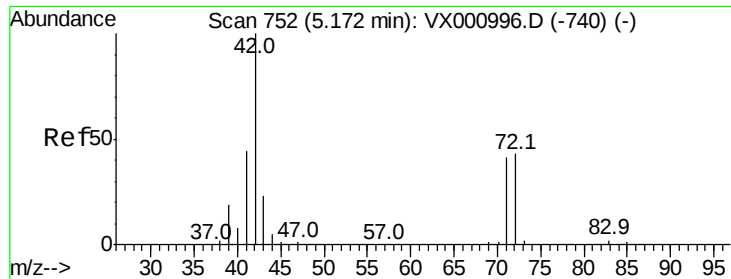


#28

Bromochloromethane
Concen: 16.525 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	84.5	70.6	105.8





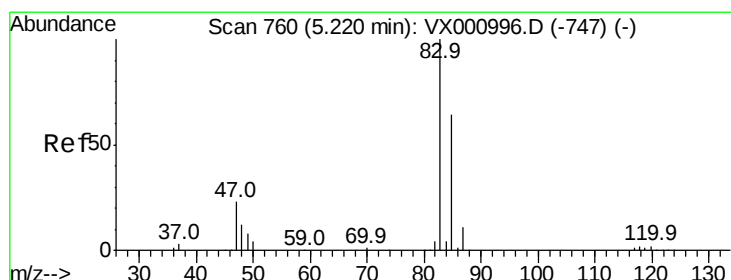
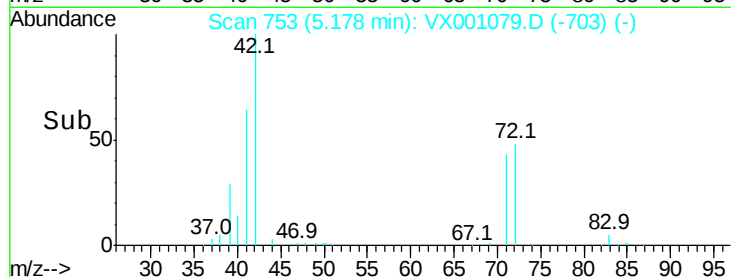
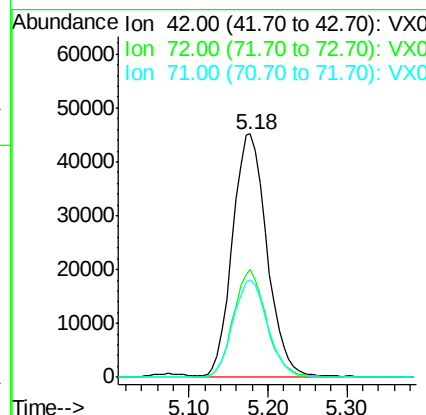
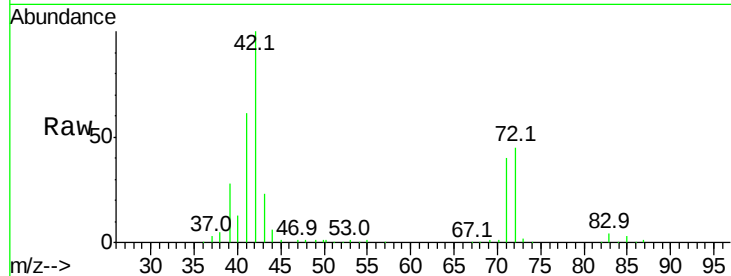
#29
Tetrahydrofuran
Concen: 107.735 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	52.0
71	40.5	32.6	49.0

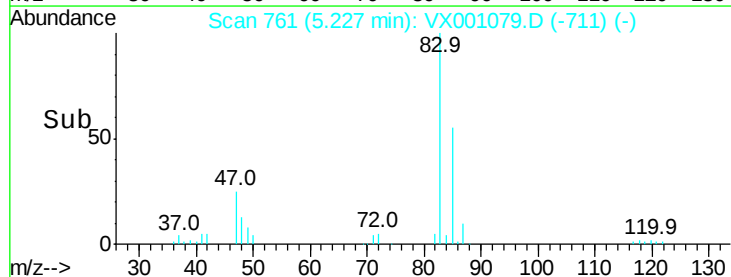
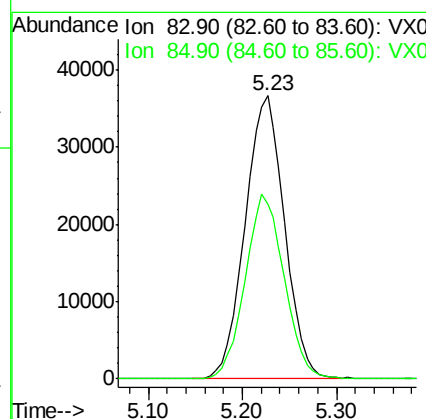
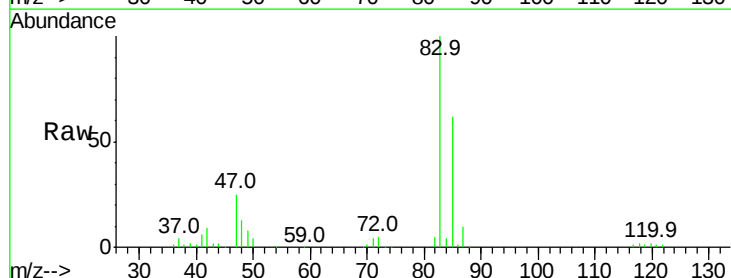
Manual Integrations
APPROVED

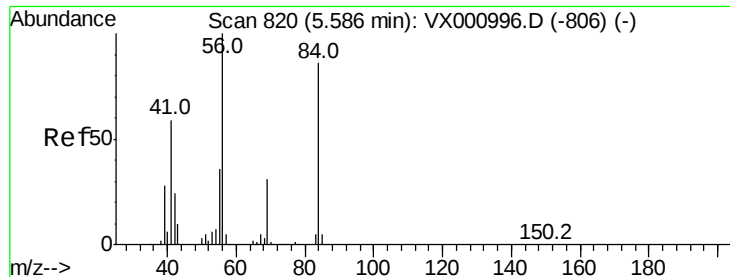
Sohil
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#30
Chloroform
Concen: 20.141 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.3	76.9





#31

Cyclohexane

Concen: 18.504 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

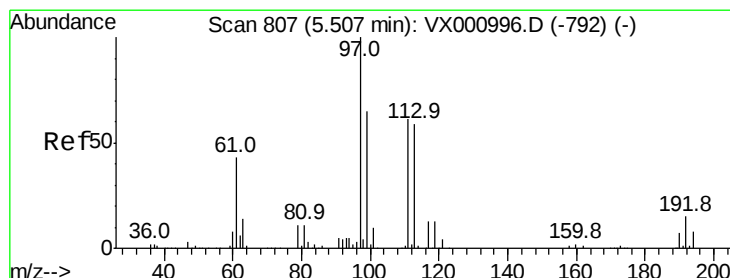
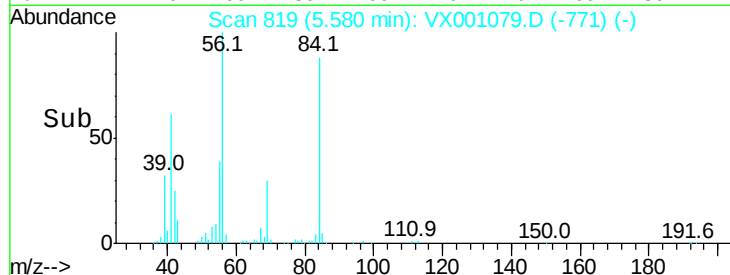
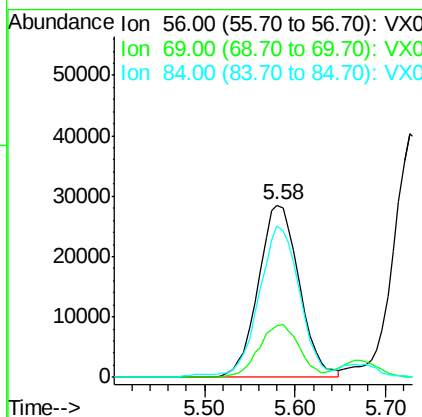
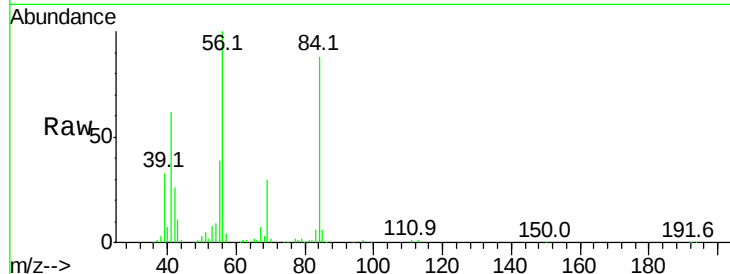
ClientSampled :

VX0424WBS01

Tot Ion:	56	Resp:	88969
Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.6	36.8
84	86.5	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.820 ug/l

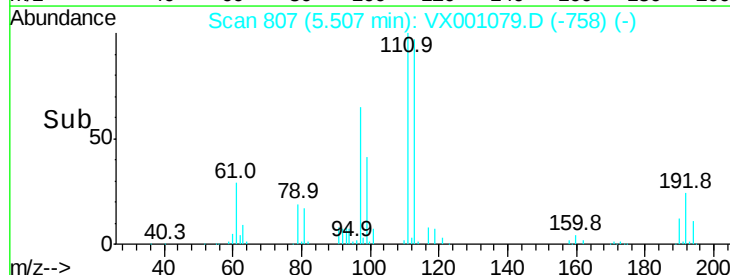
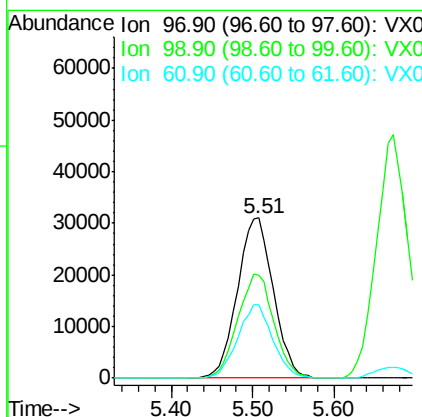
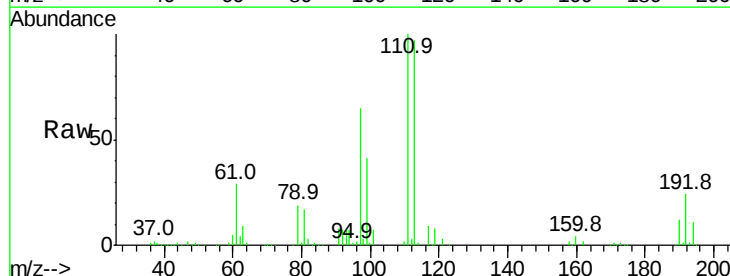
RT: 5.51 min Scan# 807

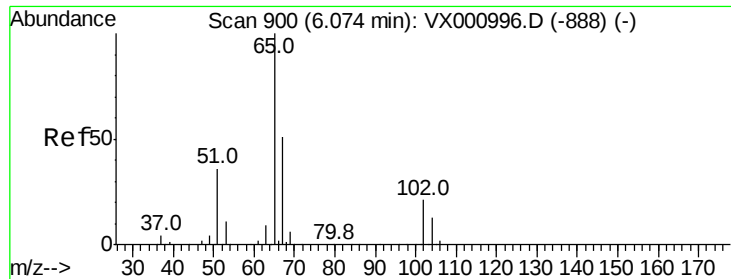
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	97	Resp:	94804
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	44.9	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 48.959 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 65 Resp: 166974

Ion Ratio Lower Upper

65 100

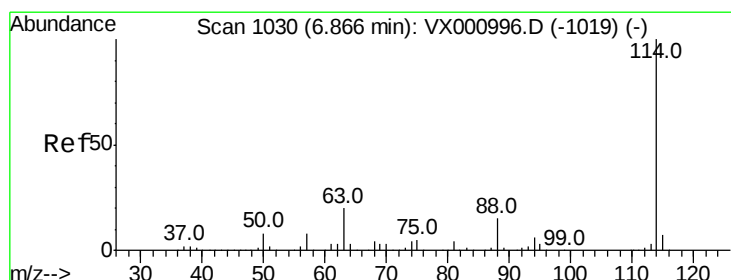
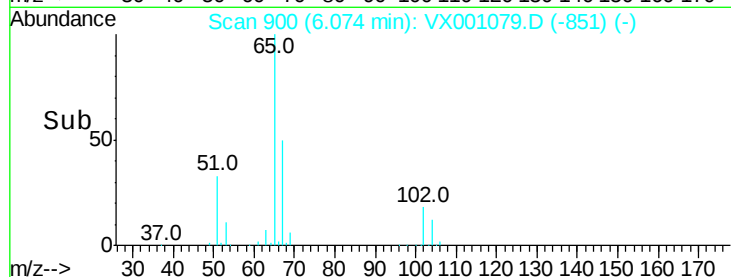
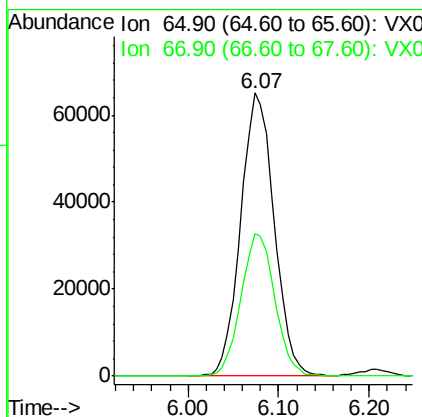
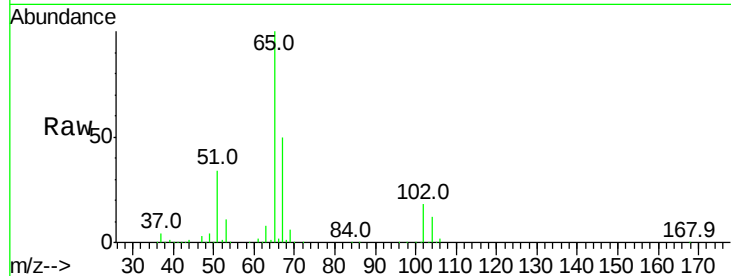
67 50.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

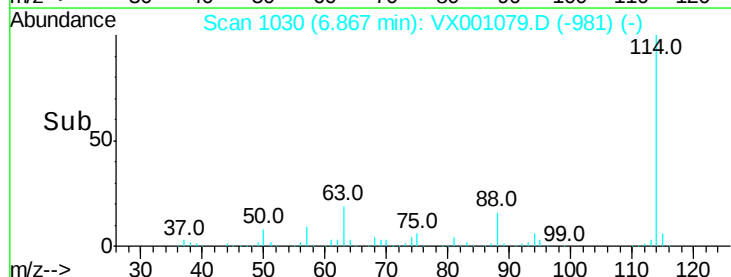
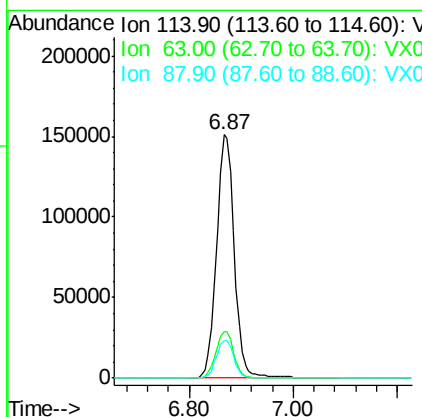
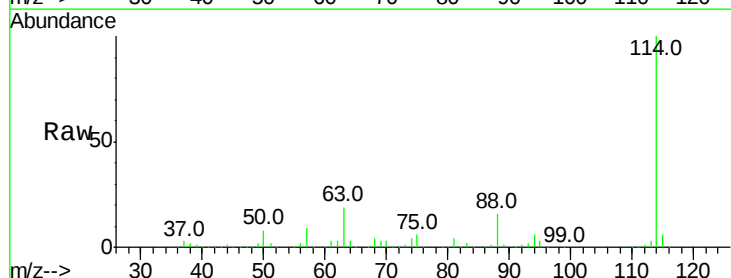
Tgt Ion: 114 Resp: 361572

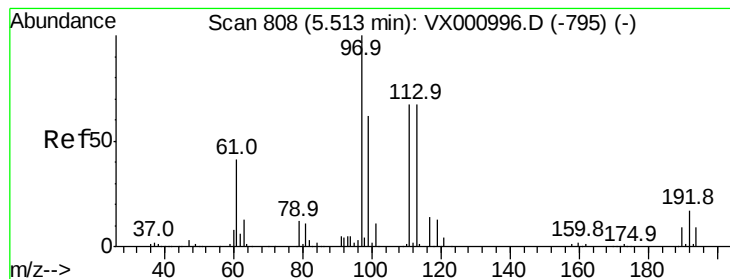
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.059 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

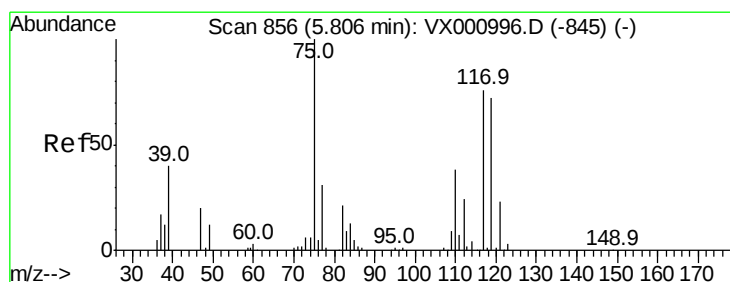
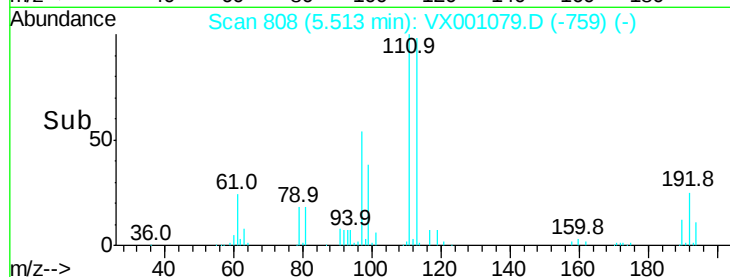
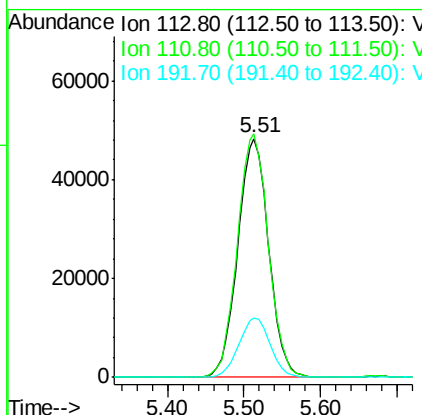
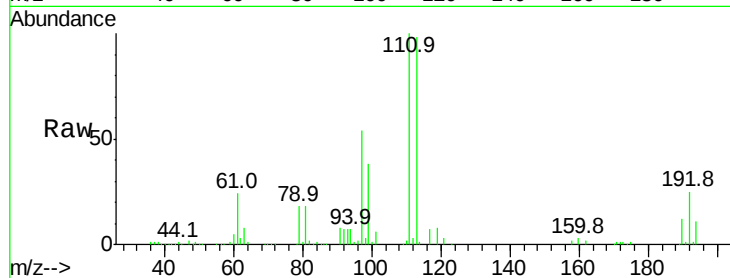
ClientSampleId :

VX0424WBS01

Tot Ion:	113	Resp:	135260
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.4	122.2
192	25.3	20.4	30.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.315 ug/l

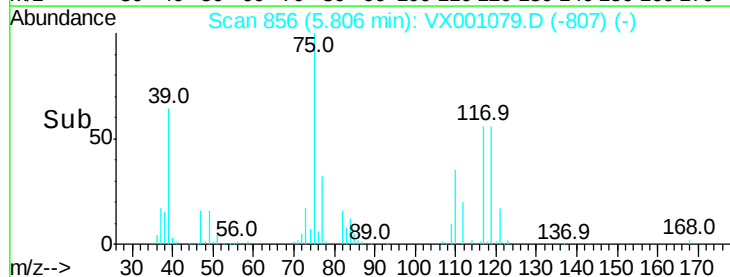
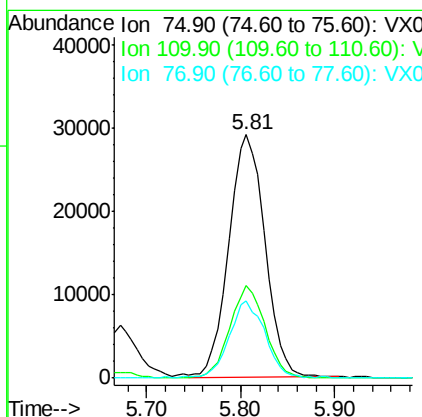
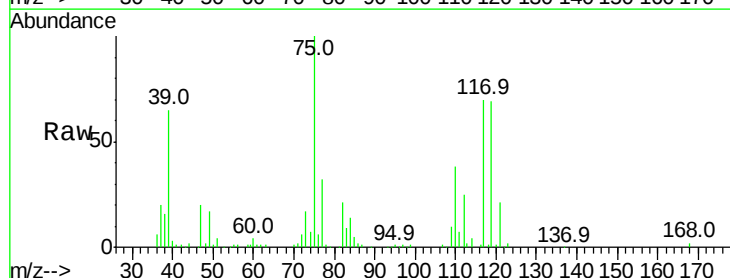
RT: 5.81 min Scan# 856

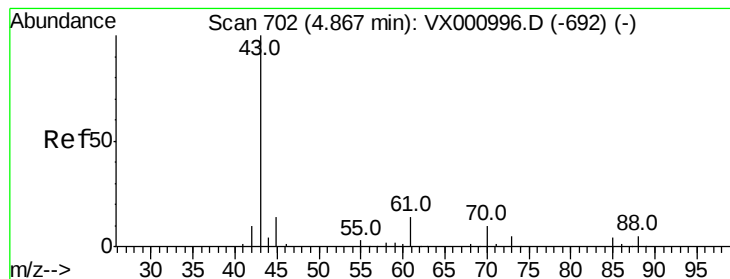
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	75	Resp:	77818
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.7	56.1
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 21.173 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

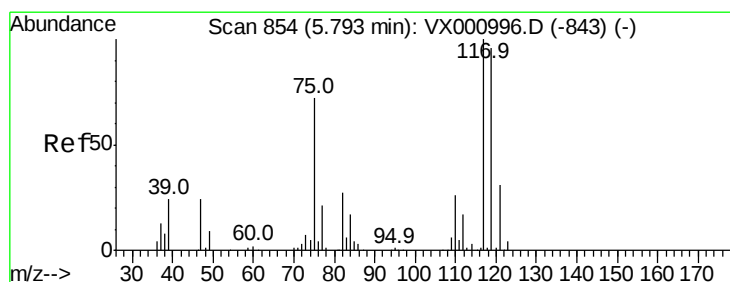
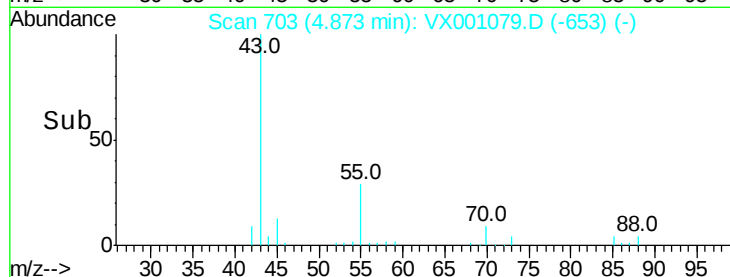
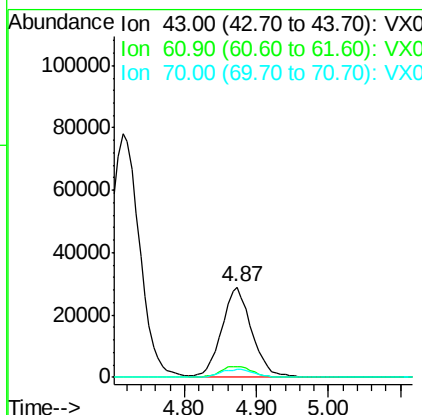
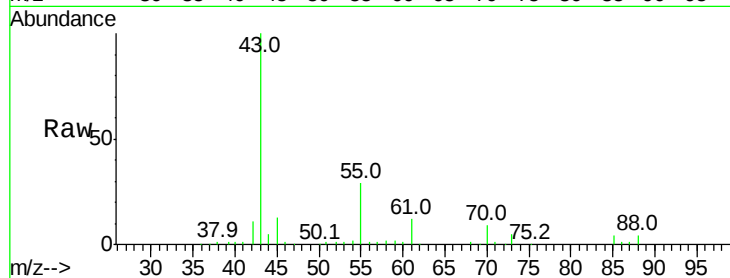
ClientSampled :

VX0424WBS01

Tot Ion:	43	Resp:	82522
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	9.9	8.3	12.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.097 ug/l

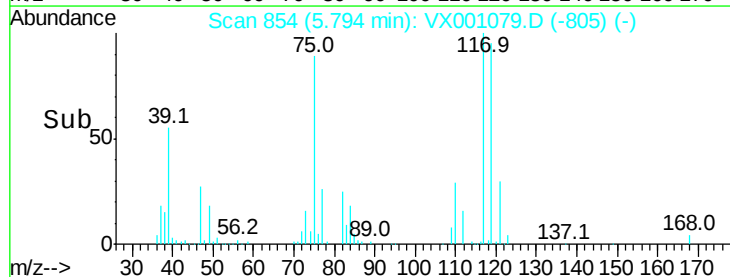
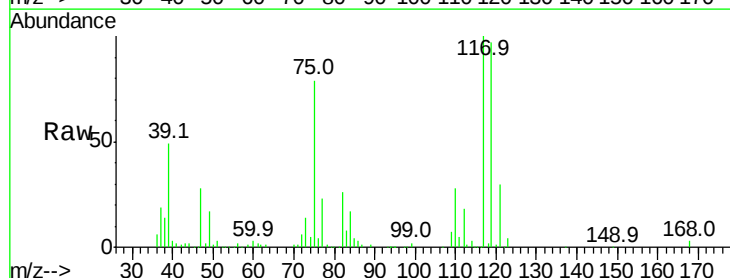
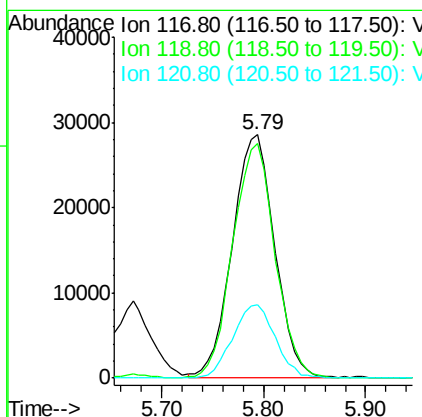
RT: 5.79 min Scan# 854

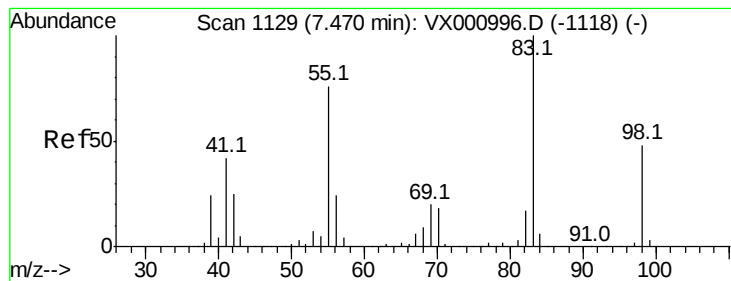
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	117	Resp:	82162
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.5	114.7
121	30.1	24.5	36.7





#39

Methvlcvclohexane

Concen: 18.891 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tot Ion: 83 Resp: 93432

Ion Ratio Lower Upper

83 100

55 75.7 60.6 91.0

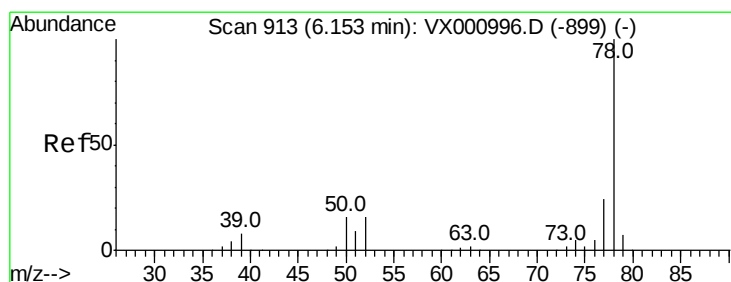
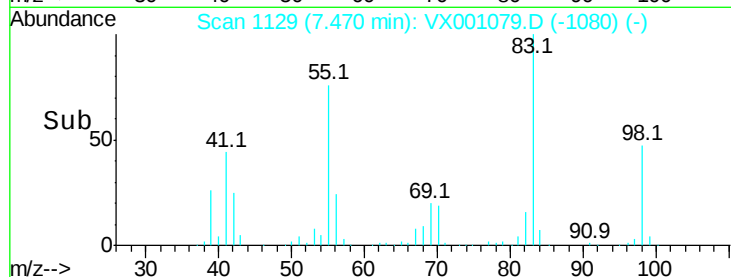
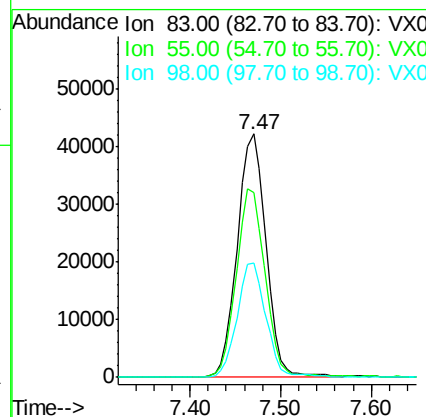
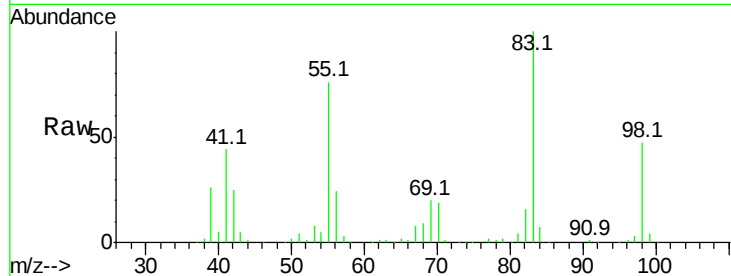
98 46.8 38.2 57.4

Manual Integrations

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Sohil

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#40

Benzene

Concen: 19.576 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX001079.D

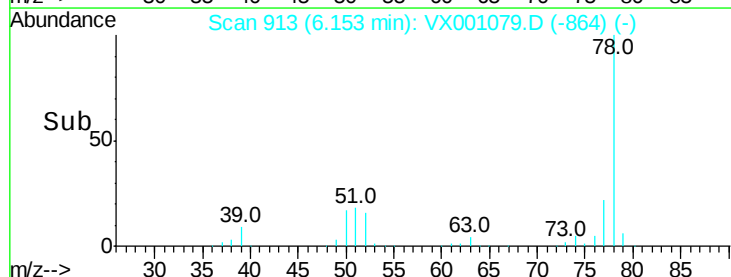
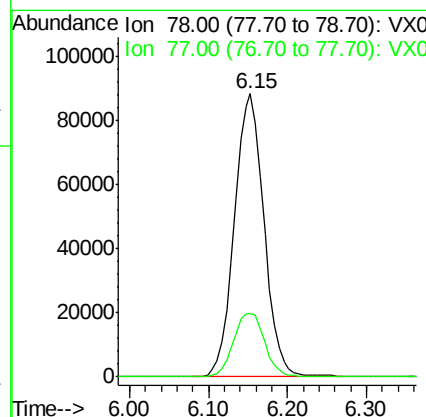
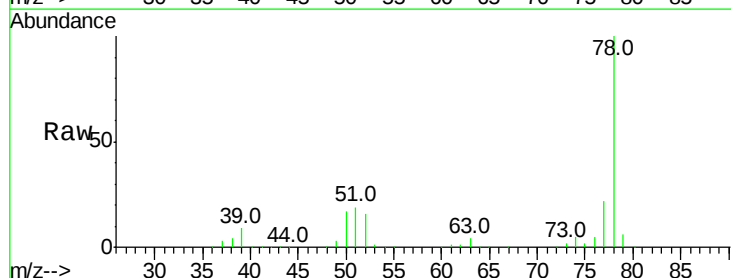
Acq: 24 Apr 2018 16:20

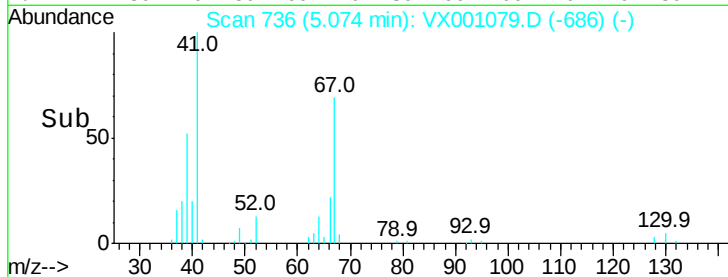
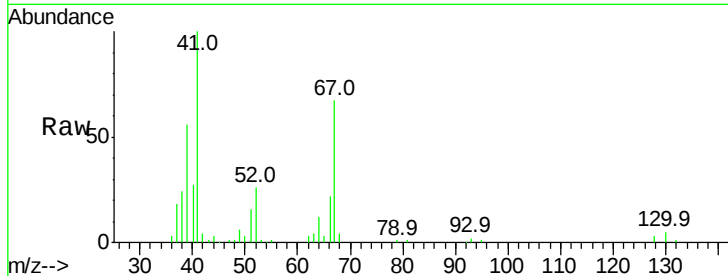
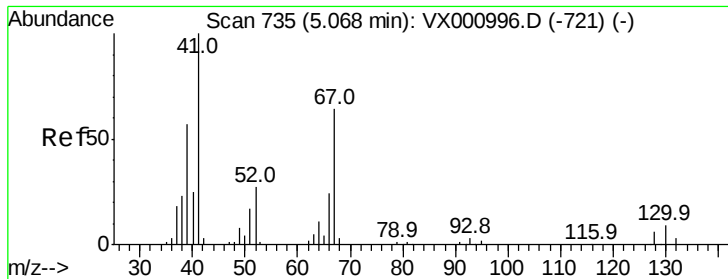
Tgt Ion: 78 Resp: 231247

Ion Ratio Lower Upper

78 100

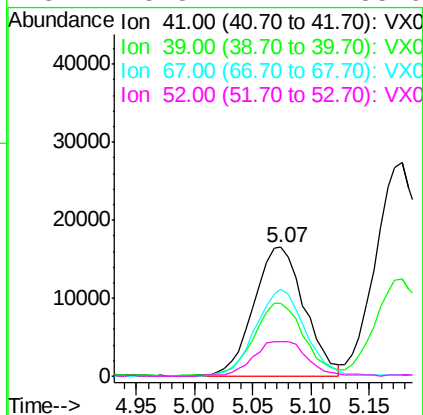
77 22.1 18.9 28.3





#41
Methacrylonitrile
Concen: 20.571 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

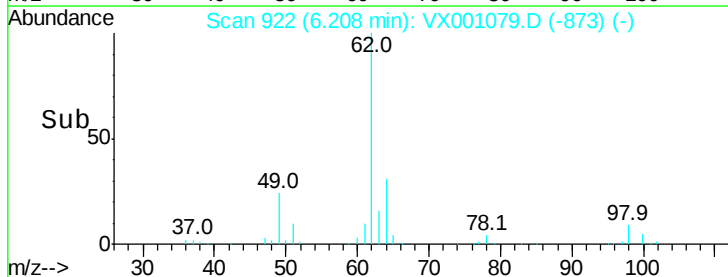
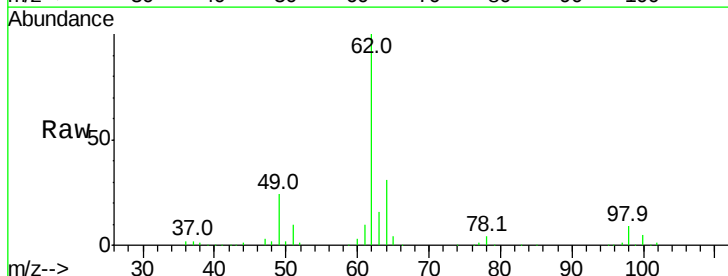
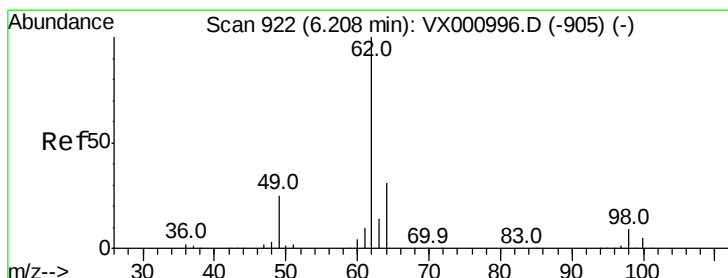
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	45.2	67.8	
67	65.4	53.8	80.8	
52	28.8	22.4	33.6	



Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

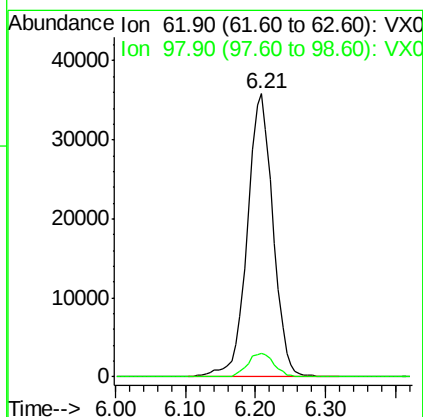
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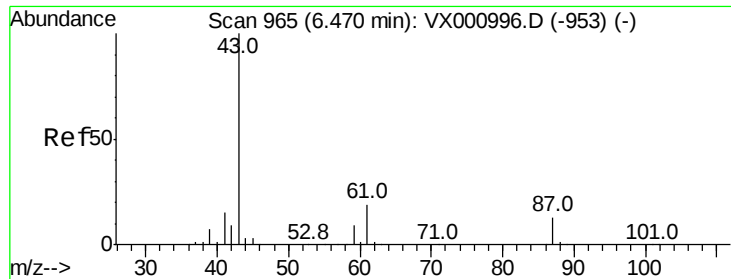
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#42
1,2-Dichloroethane
Concen: 20.033 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.6	





#43

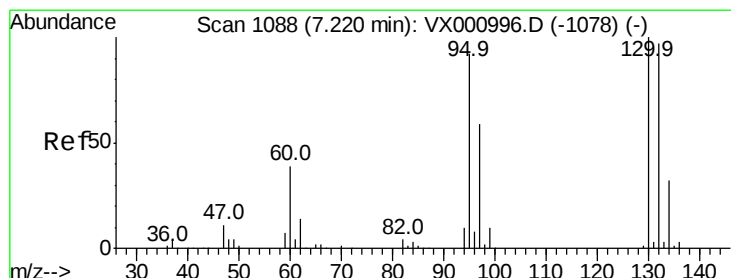
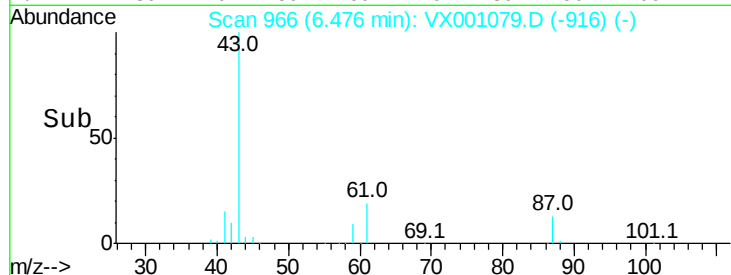
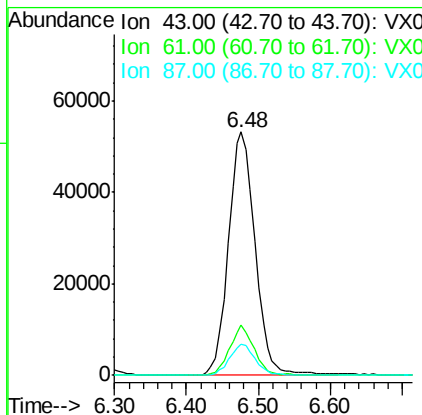
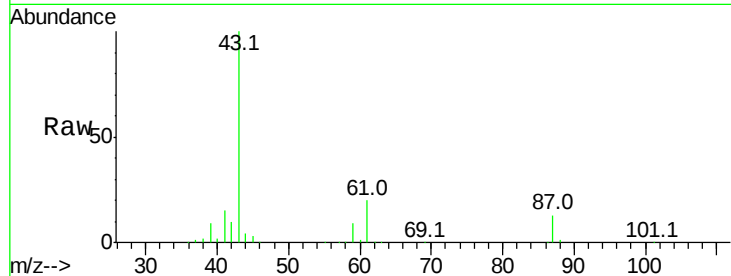
Isopropyl Acetate
 Concen: 20.397 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	18.7	12.5
Lower		15.4	10.6
Upper		23.2	15.8

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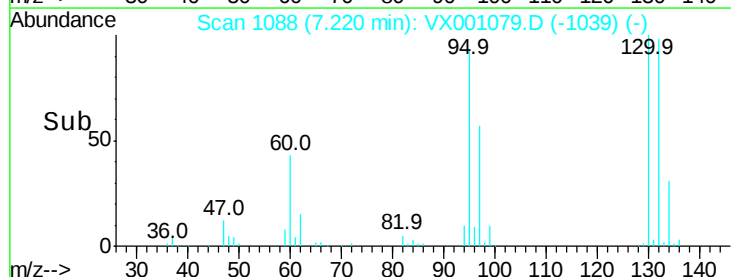
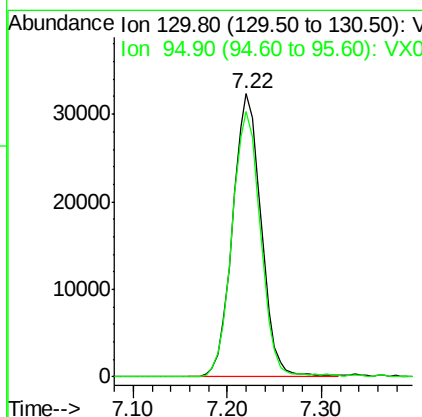
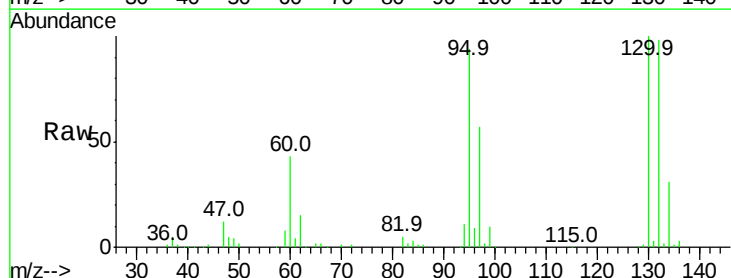
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 4/26/2018 4:06:13 AM

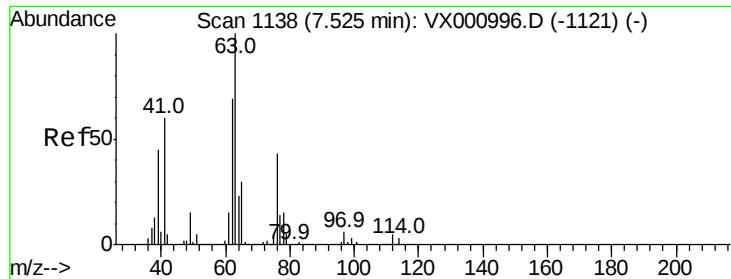


#44

Trichloroethene
 Concen: 18.911 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion	130	95
Ion	130	95
Ratio	100	93.7
Lower		0.0
Upper		184.2





#45

1,2-Dichloropropane

Concen: 20.226 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 63 Resp: 60078

Ion Ratio Lower Upper

63 100

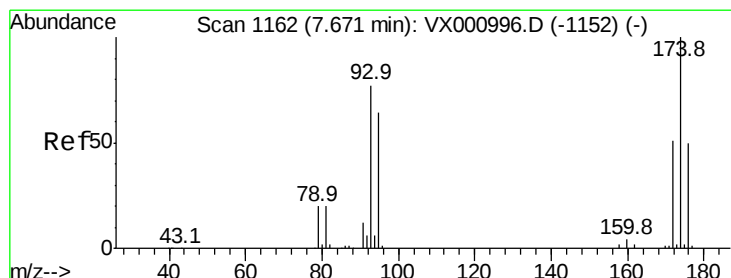
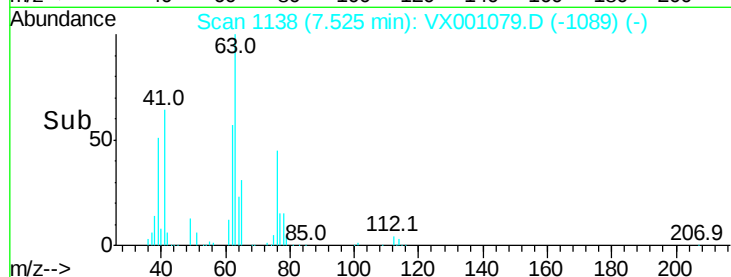
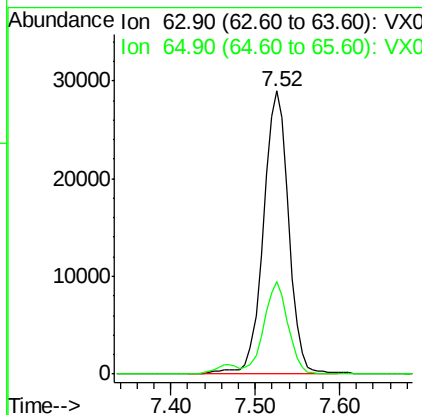
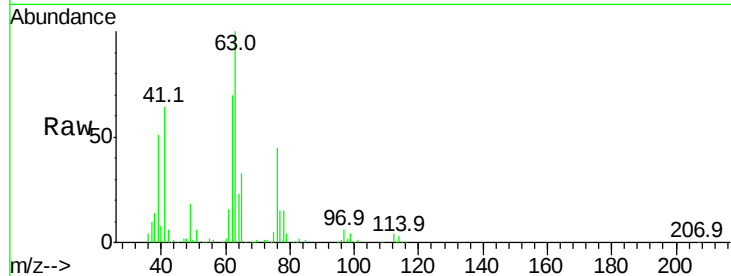
65 32.8 24.4 36.6

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#46

Dibromomethane

Concen: 19.904 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

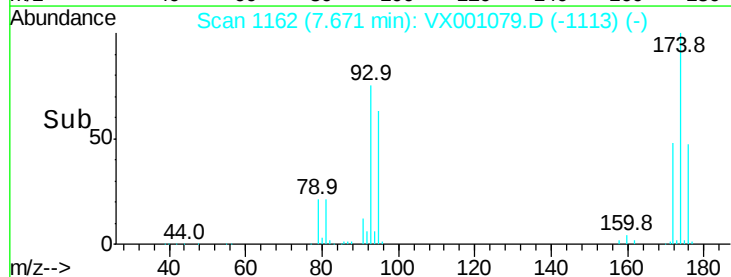
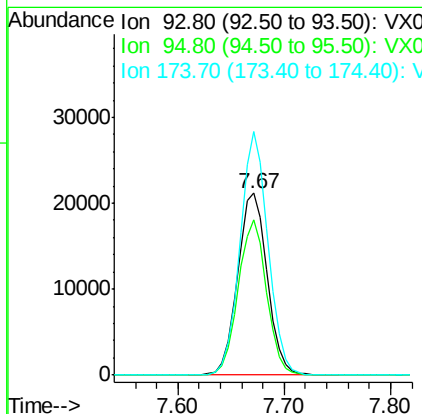
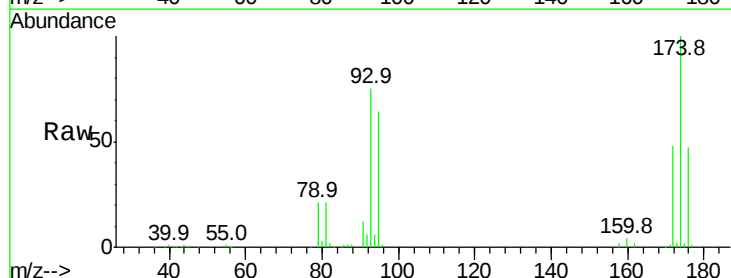
Tgt Ion: 93 Resp: 41309

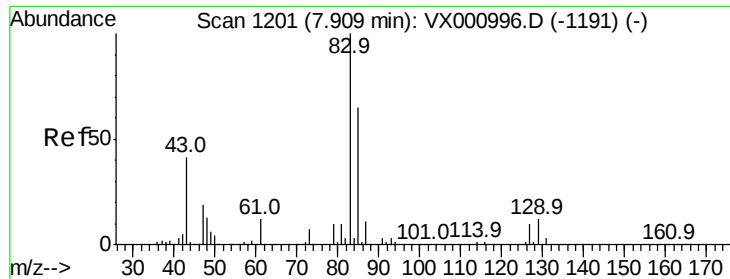
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 126.5 101.8 152.6





#47

Bromodichloromethane

Concen: 19.776 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

Tot Ion: 83 Resp: 76032

Ion Ratio Lower Upper

83 100

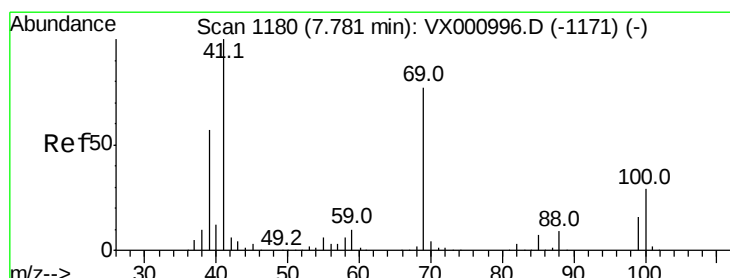
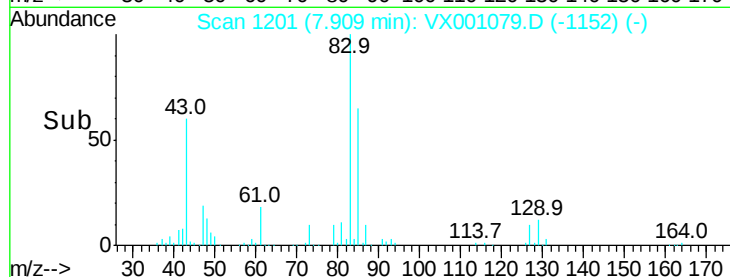
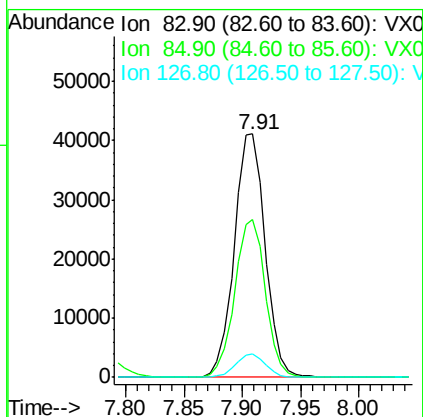
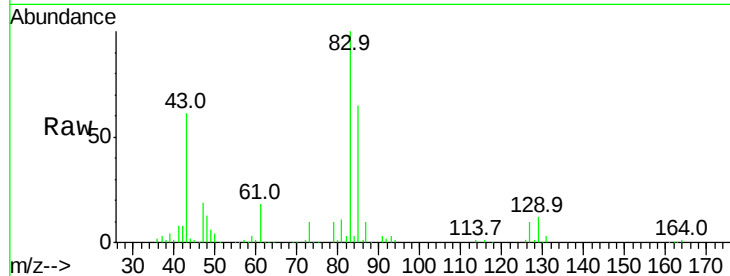
85 64.6 52.3 78.5

127 9.5 7.8 11.6

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#48

Methyl methacrylate

Concen: 20.228 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

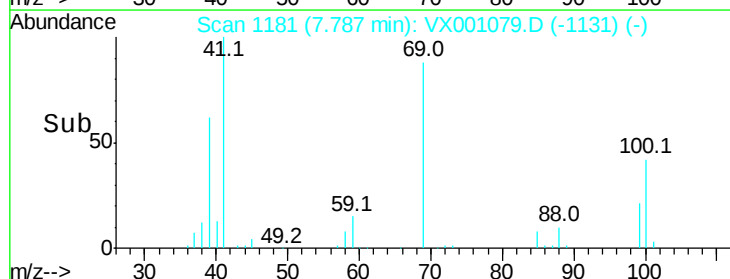
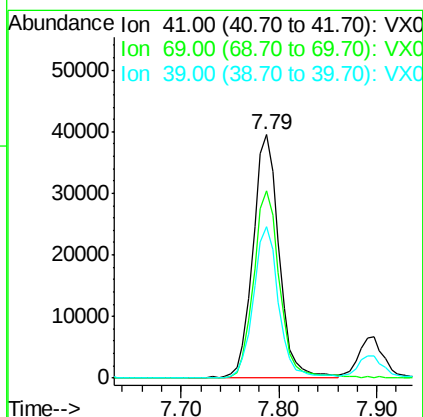
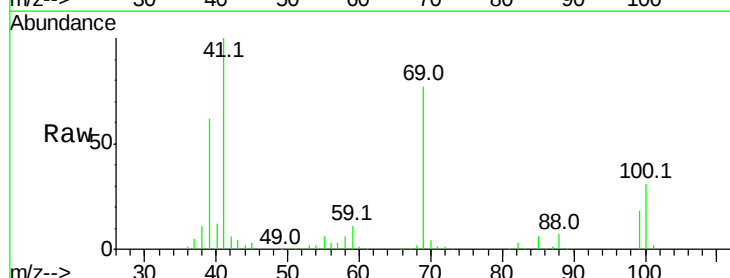
Tgt Ion: 41 Resp: 72832

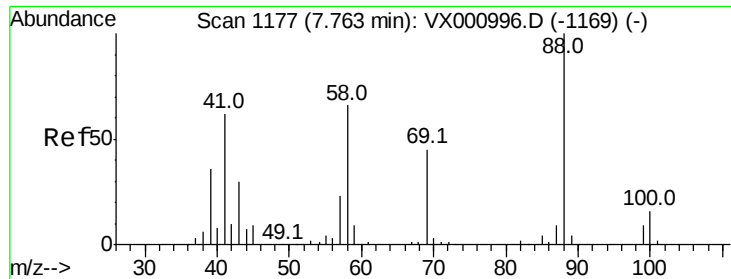
Ion Ratio Lower Upper

41 100

69 77.3 62.6 94.0

39 60.4 45.3 67.9





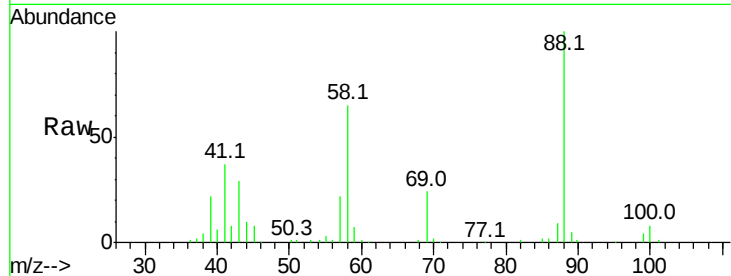
#49
1,4-Dioxane
Concen: 501.790 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

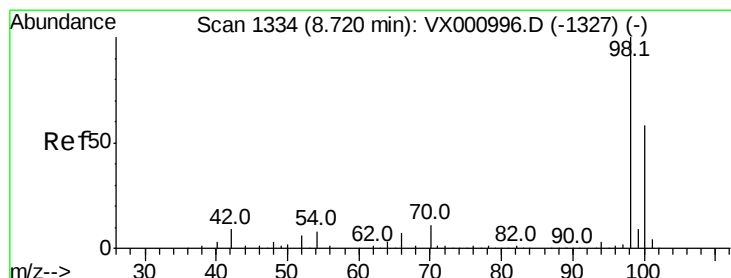
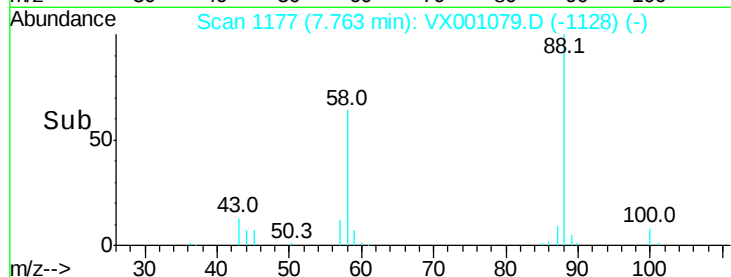
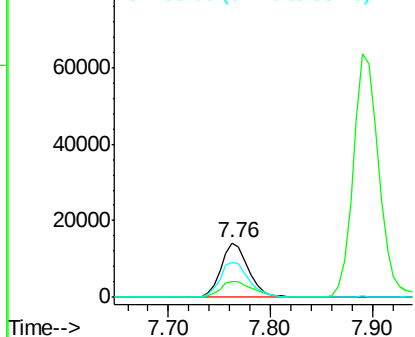
Tot Ion	Ratio	Lower	Upper
88	100		
43	37.1	29.2	43.8
58	69.4	55.0	82.6

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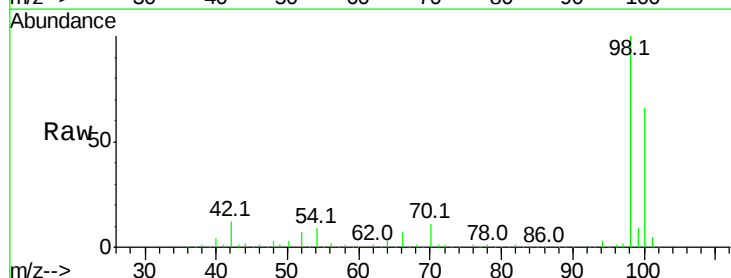


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

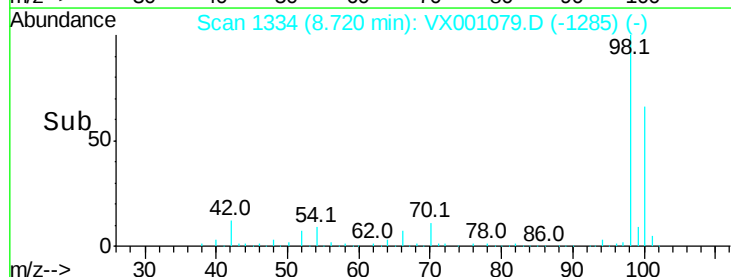
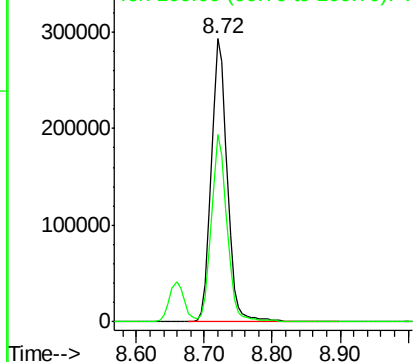


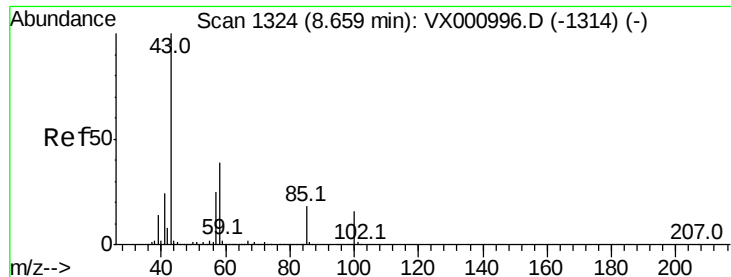
#50
Toluene-d8
Concen: 46.853 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 110.336 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 43 Resp: 447967

Ion Ratio Lower Upper

43 100

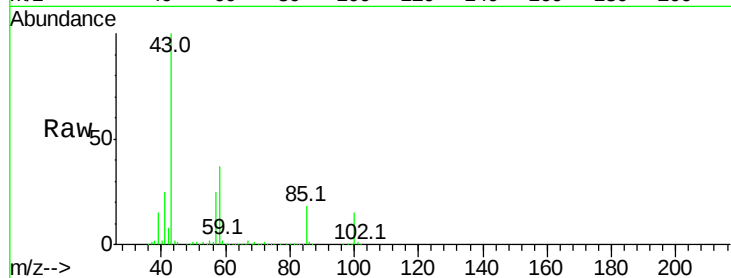
58 36.4 30.2 45.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

300000

250000

200000

150000

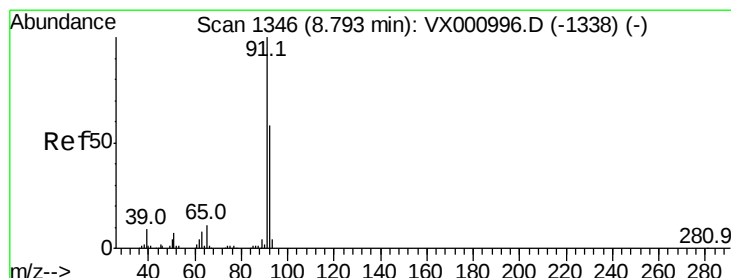
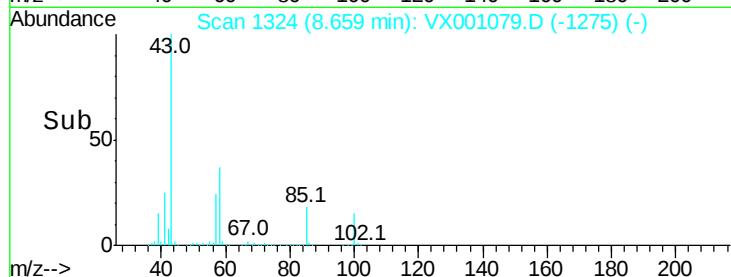
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 19.652 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001079.D

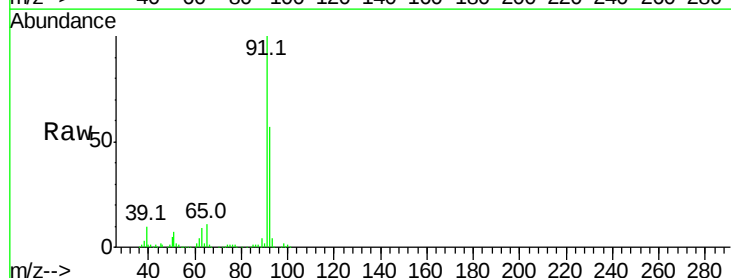
Acq: 24 Apr 2018 16:20

Tgt Ion: 92 Resp: 151518

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

150000

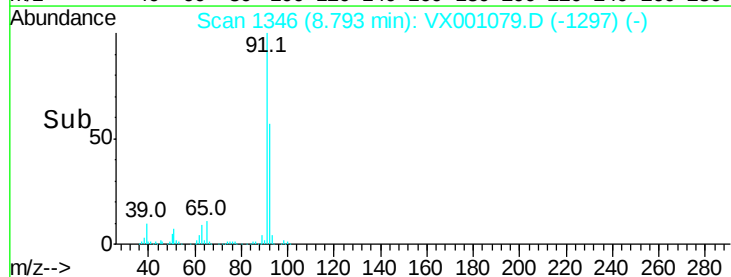
100000

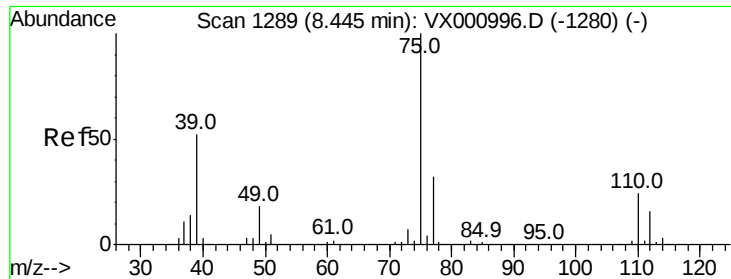
50000

0

8.70 8.80 8.90

Time-->





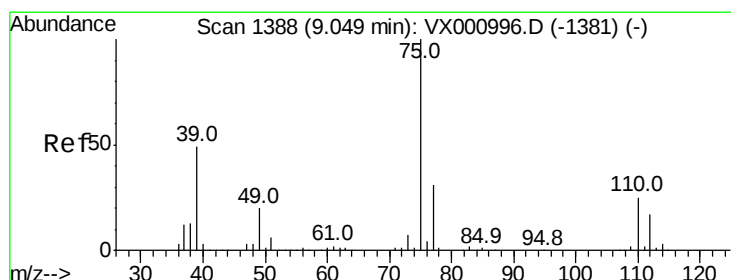
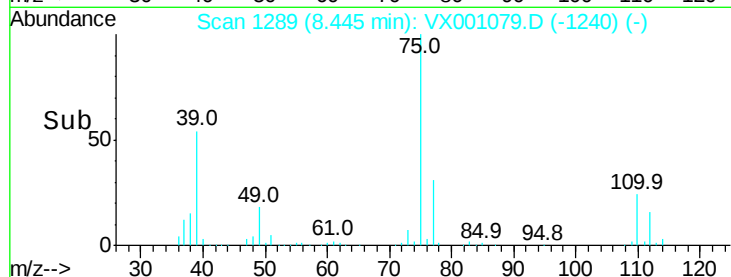
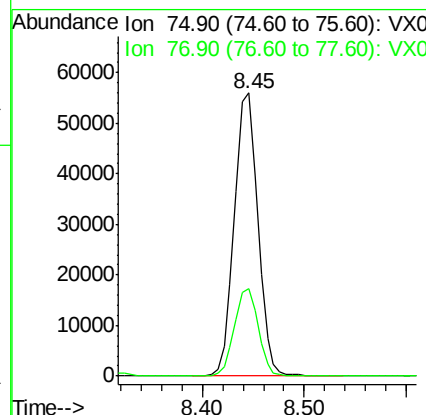
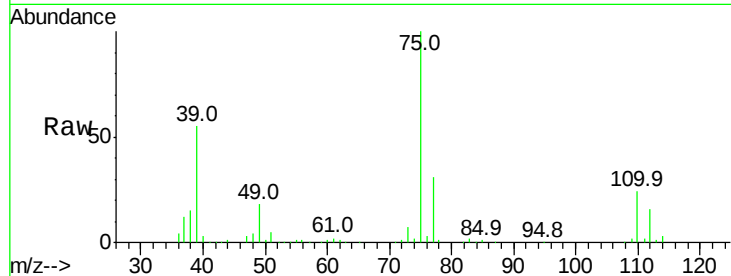
#53
t-1,3-Dichloropropene
Concen: 19.435 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion: 75 Resp: 89361
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6

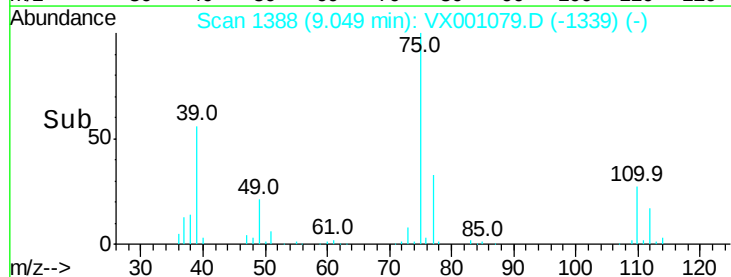
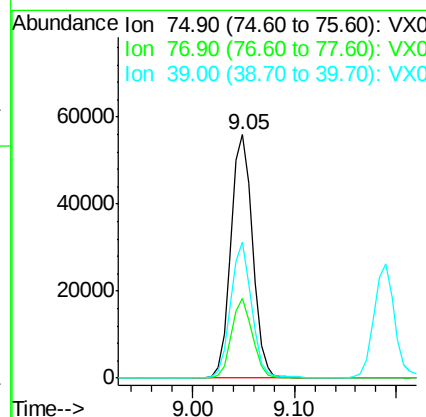
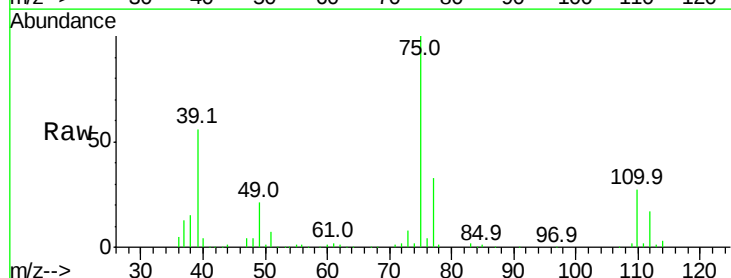
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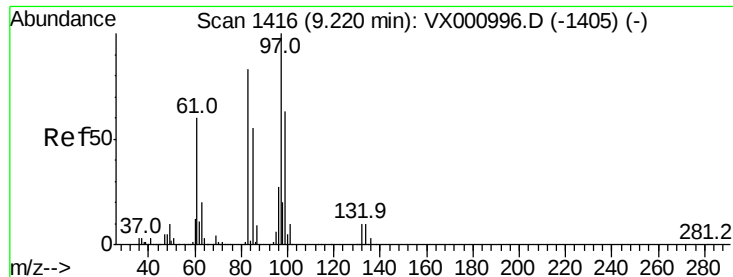
Sohil
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#54
cis-1,3-Dichloropropene
Concen: 18.948 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 75 Resp: 82154
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 55.8 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.951 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

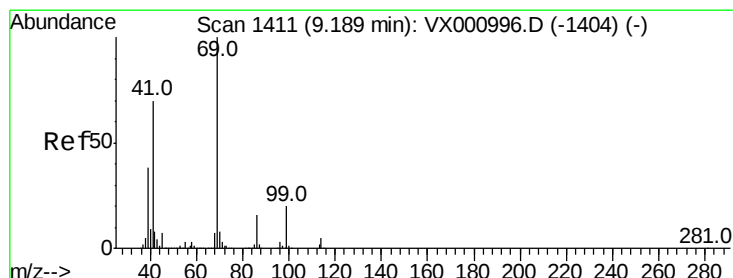
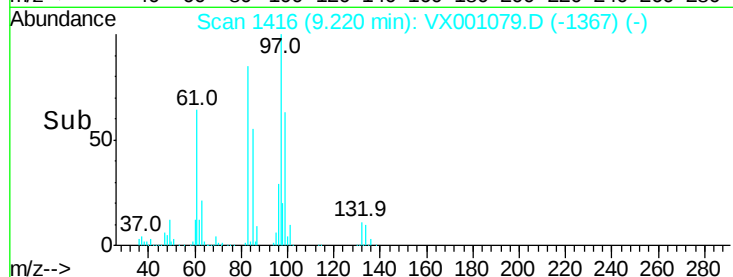
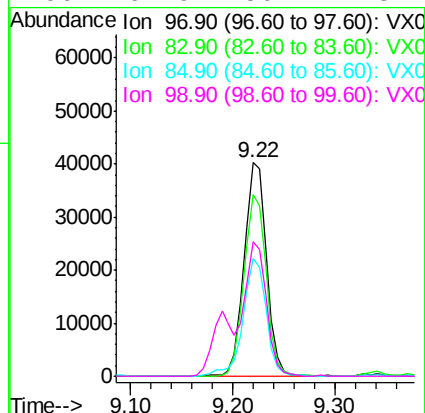
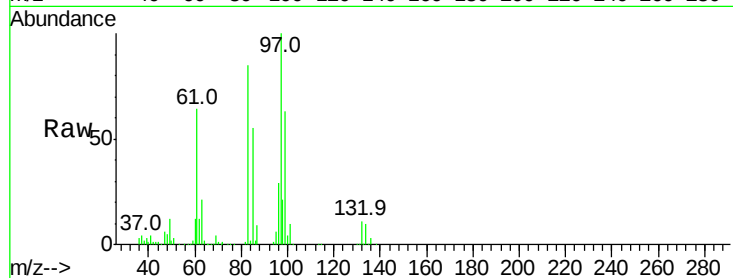
ClientSampleId :

VX0424WBS01

Tot Ion:	97	Resp:	61141
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.2	99.4
85	55.4	44.2	66.4
99	62.9	50.2	75.4

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#56

Ethyl methacrylate

Concen: 19.908 ug/l

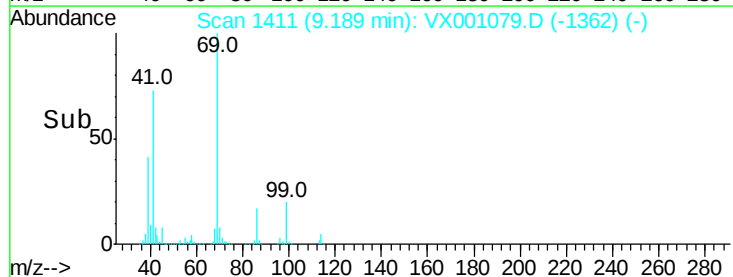
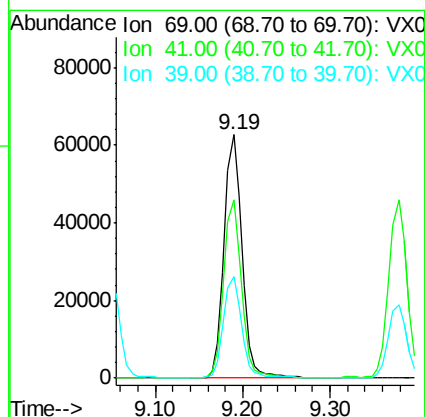
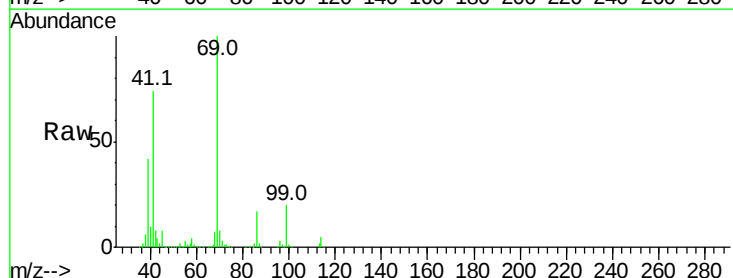
RT: 9.19 min Scan# 1411

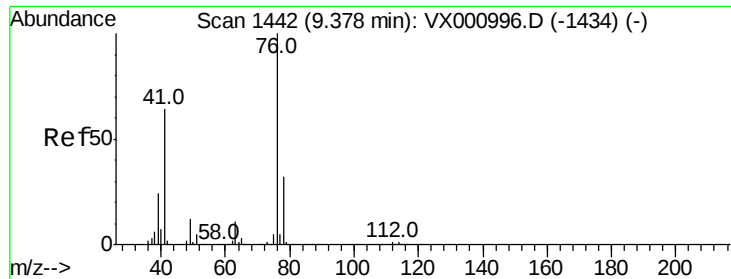
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	69	Resp:	89607
Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.3	84.5
39	41.4	30.4	45.6





#57

1,3-Dichloropropane

Concen: 19.915 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 76 Resp: 101100

Ion Ratio Lower Upper

76 100

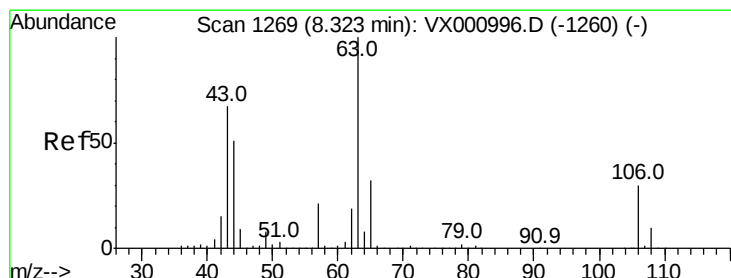
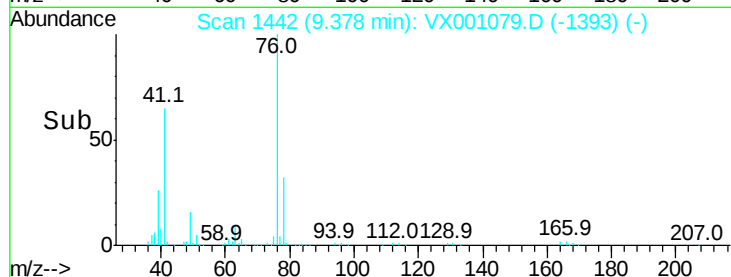
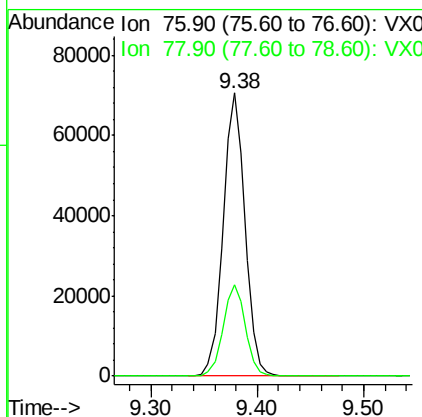
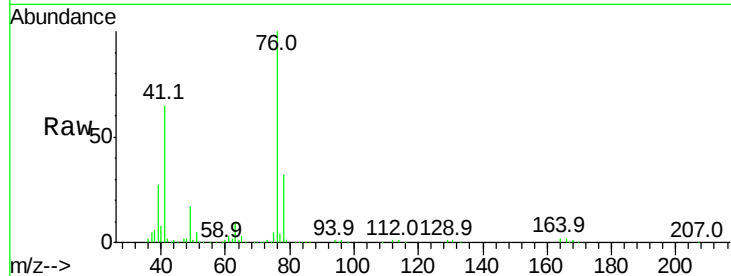
78 32.9 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 120.456 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001079.D

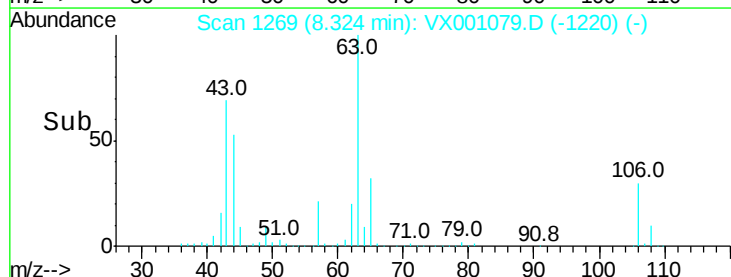
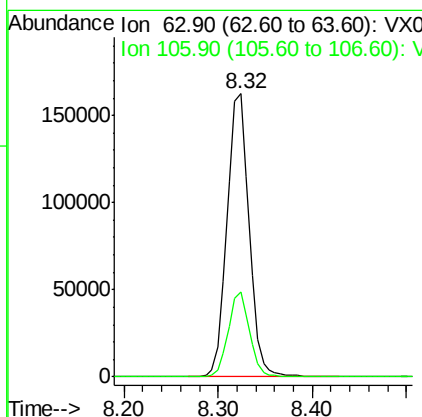
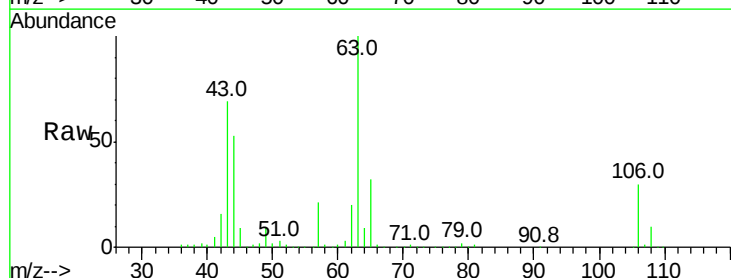
Acq: 24 Apr 2018 16:20

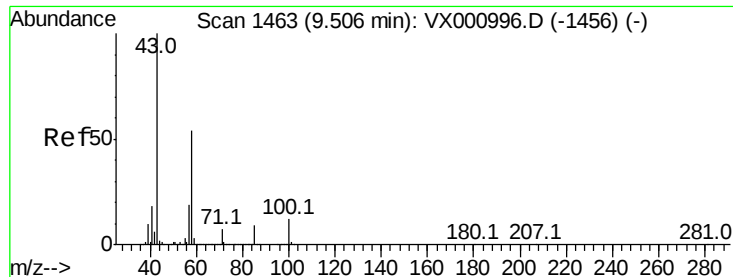
Tgt Ion: 63 Resp: 264608

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.6





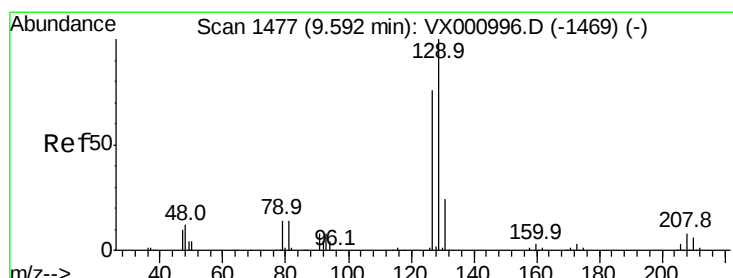
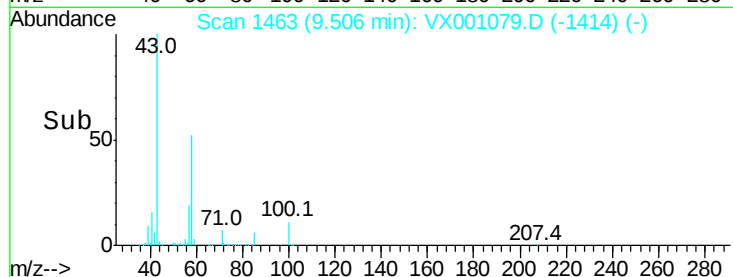
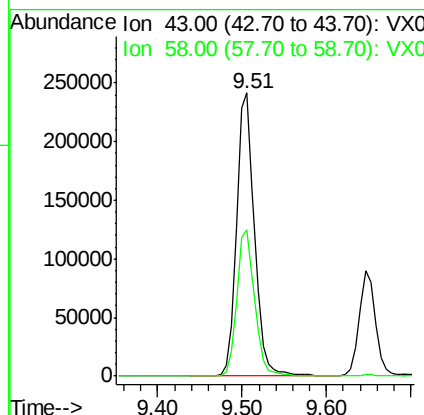
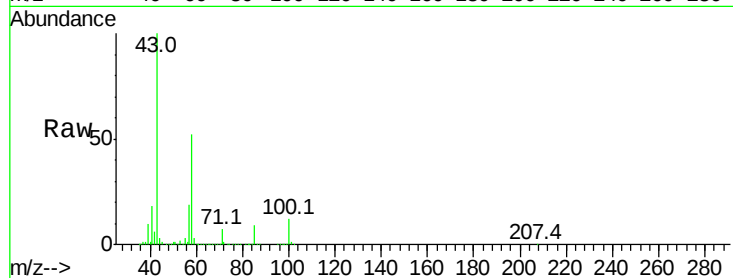
#59
2-Hexanone
Concen: 111.034 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.5	26.3	78.9

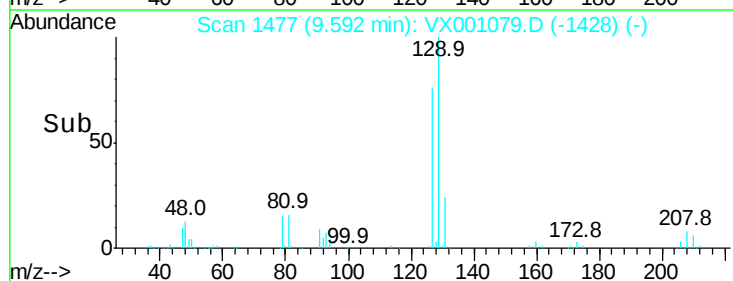
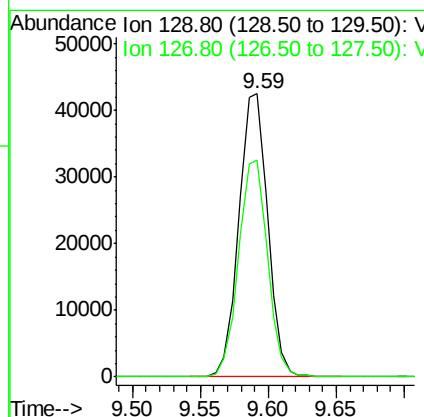
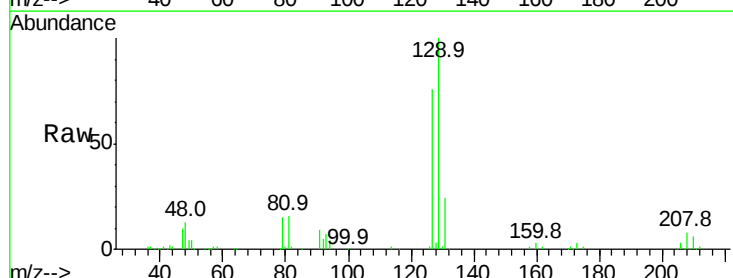
Manual Integrations
APPROVED

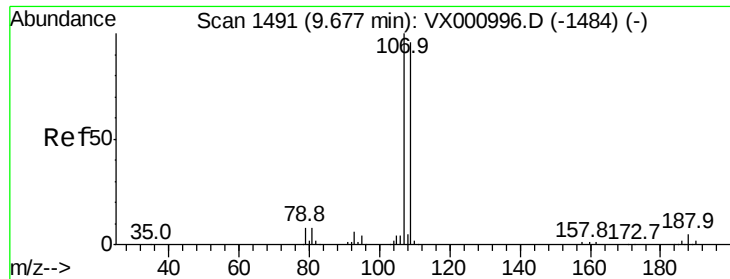
Sohil
4/26/2018 4:06:13 AM



#60
Dibromochloromethane
Concen: 19.540 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.201 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion:107 Resp: 65332

Ion Ratio Lower Upper

107 100

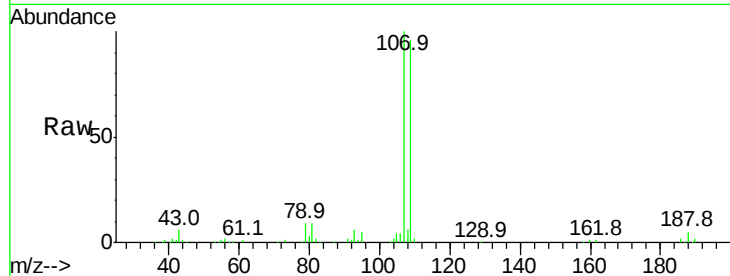
109 93.9 76.0 114.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

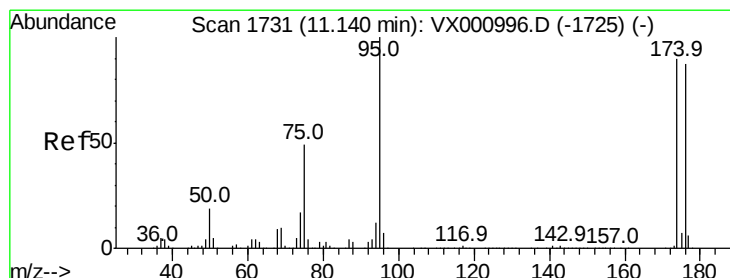
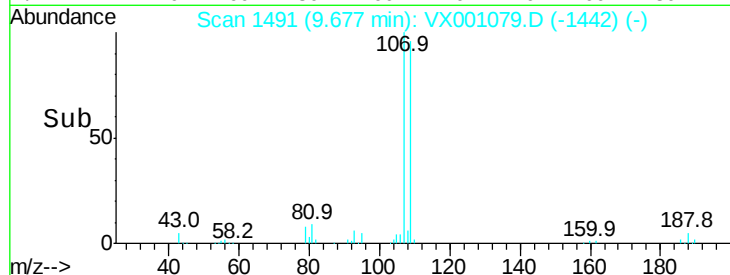
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.576 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

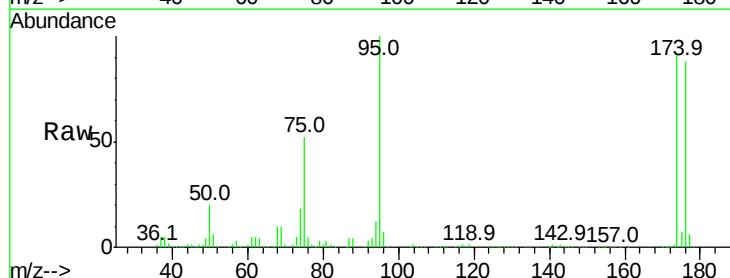
Tgt Ion: 95 Resp: 194997

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

176 95.4 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

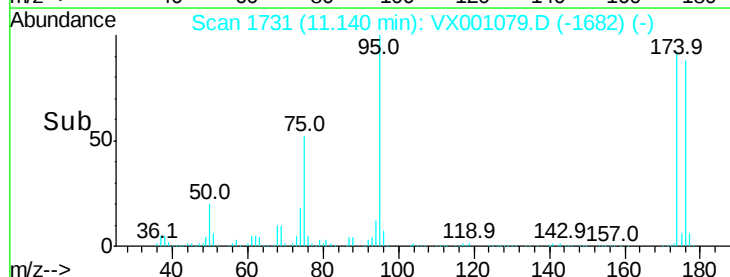
100000

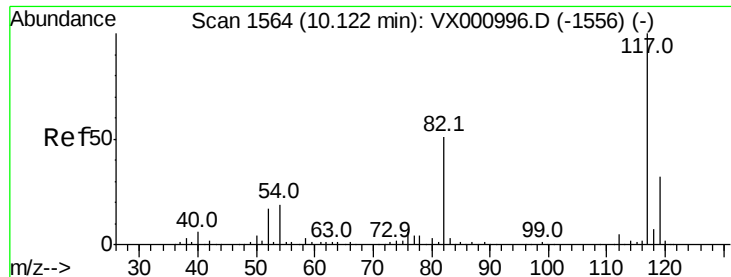
50000

0

Time-->

11.10 11.20





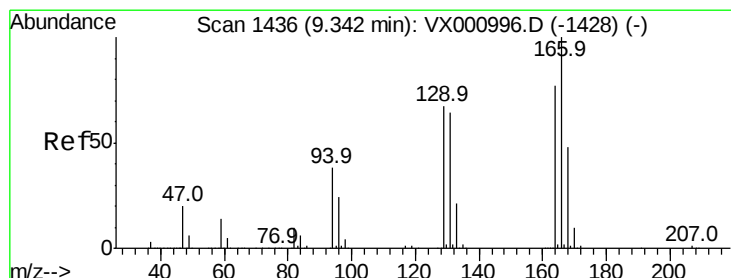
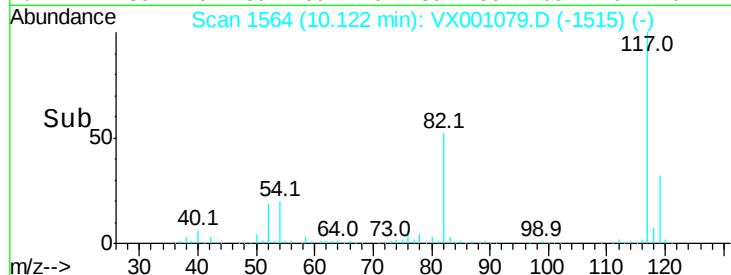
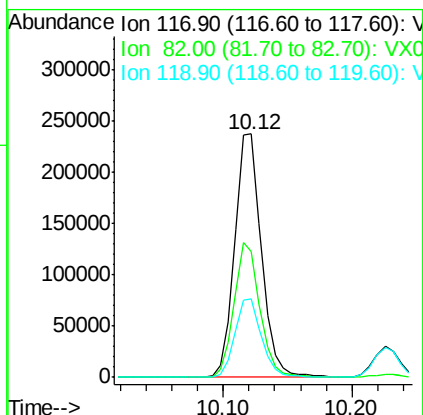
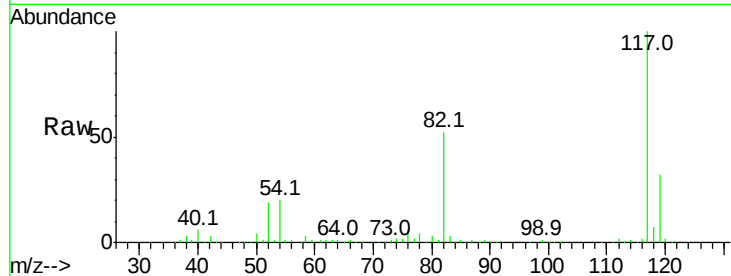
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.6	60.8
119	32.5	26.0	39.0

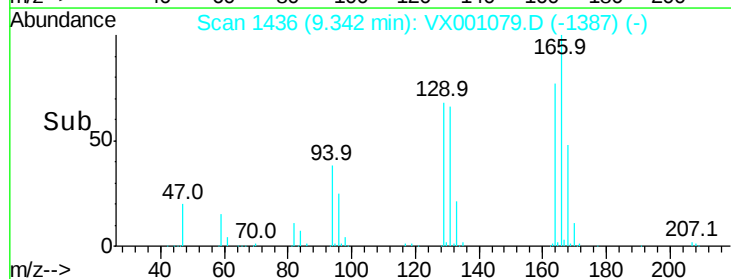
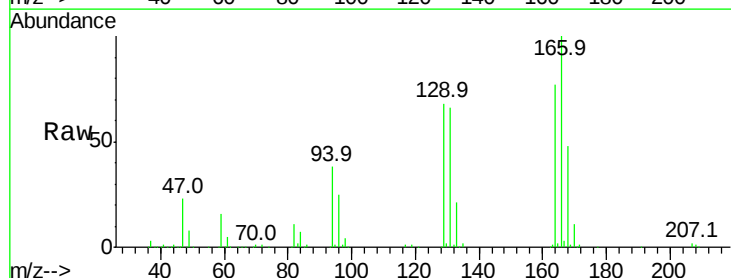
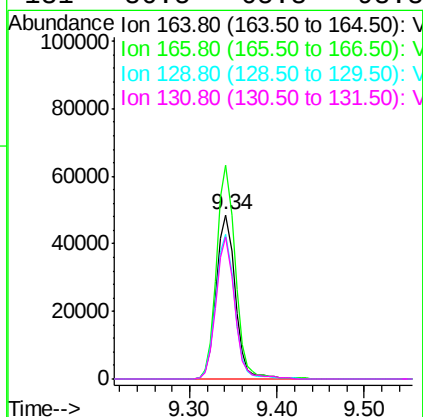
Manual Integrations
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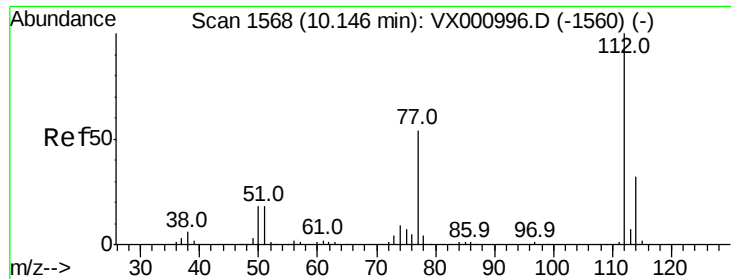
Sohil
4/26/2018 4:06:13 AM



#64
Tetrachloroethene
Concen: 20.088 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	103.5	155.3
129	88.1	69.6	104.4
131	86.5	65.8	98.8





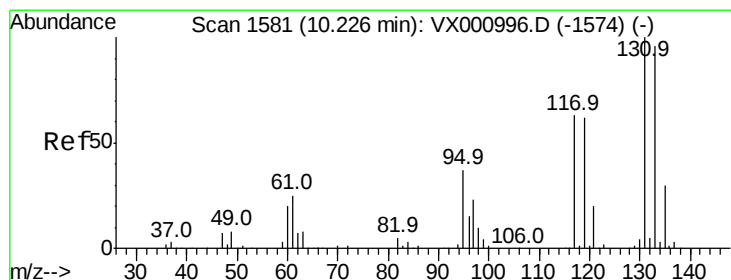
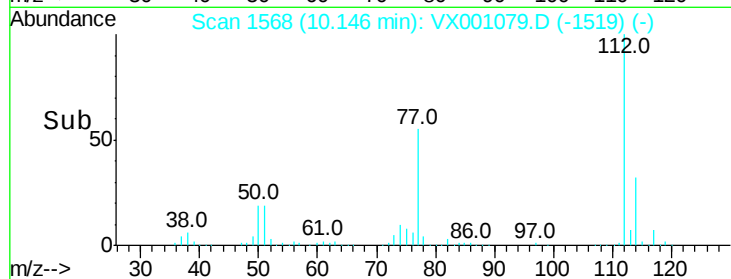
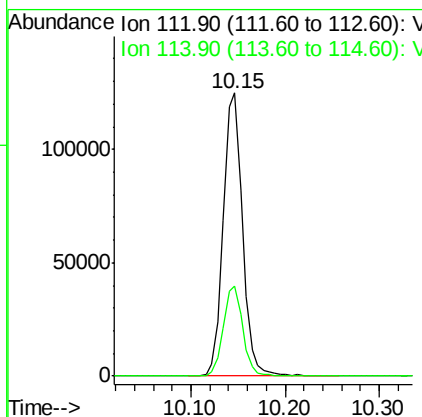
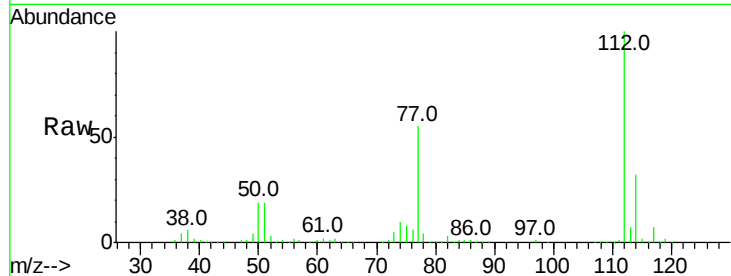
#65
Chlorobenzene
Concen: 19.419 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

Tot Ion:112 Resp: 177772
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3

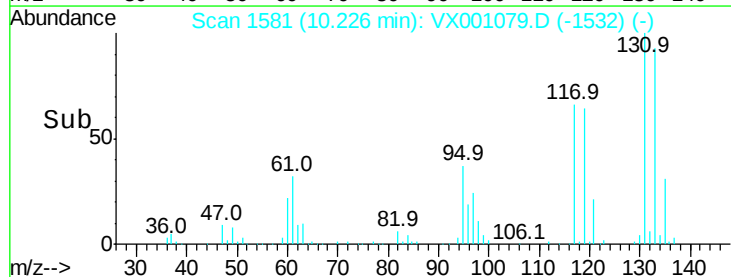
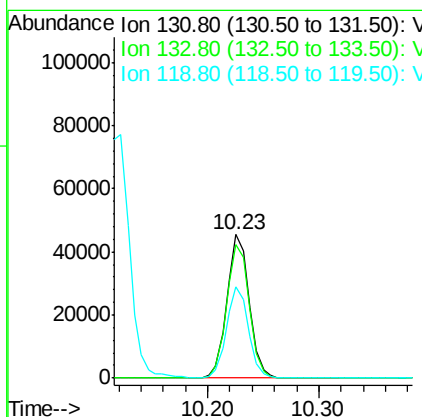
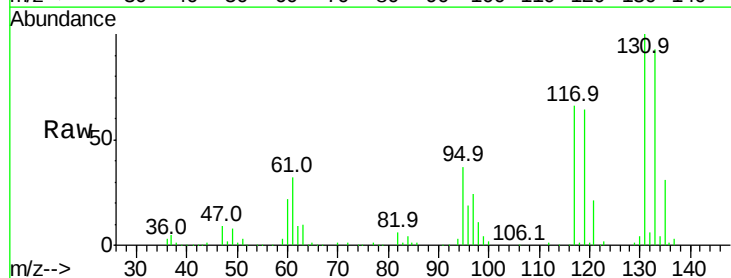
Manual Integrations
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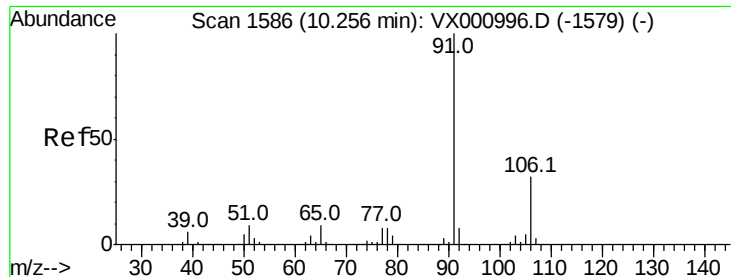
Sohil
4/26/2018 4:06:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.972 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:131 Resp: 62754
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.8
119 63.0 31.1 93.2





#67

Ethyl Benzene

Concen: 19.441 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 91 Resp: 295551

Ion Ratio Lower Upper

91 100

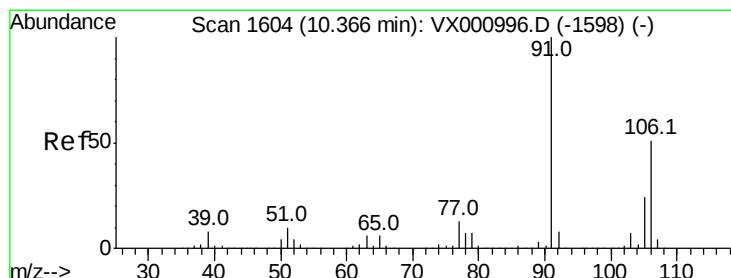
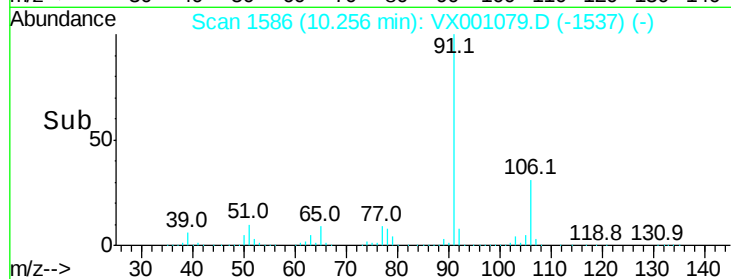
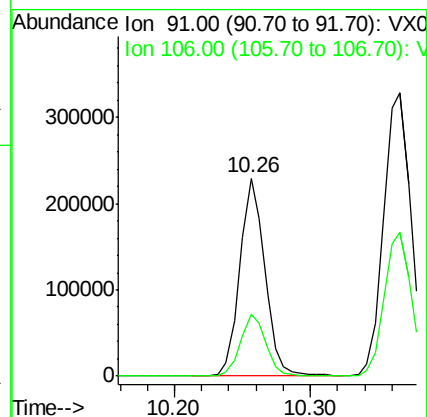
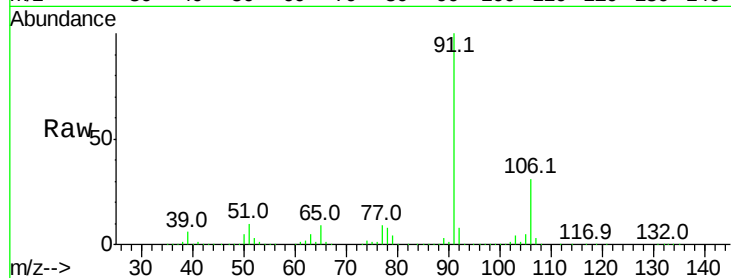
106 31.2 25.7 38.5

Manual Integrations

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Sohil

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#68

m/p-Xylenes

Concen: 38.834 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001079.D

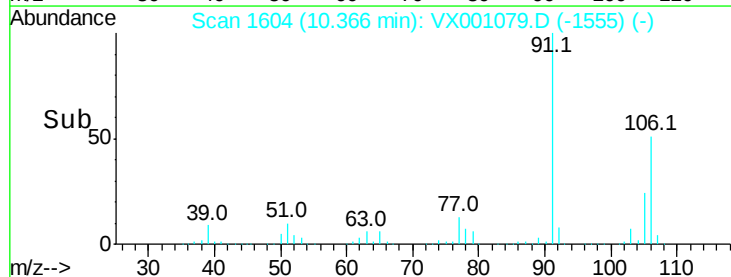
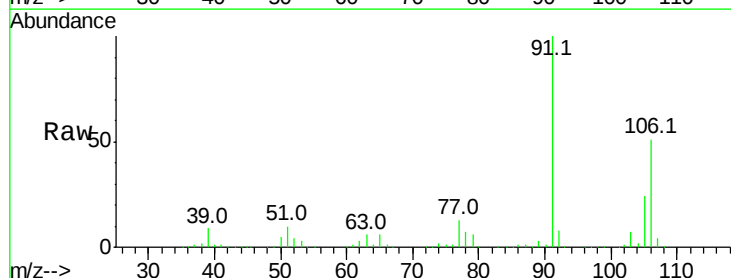
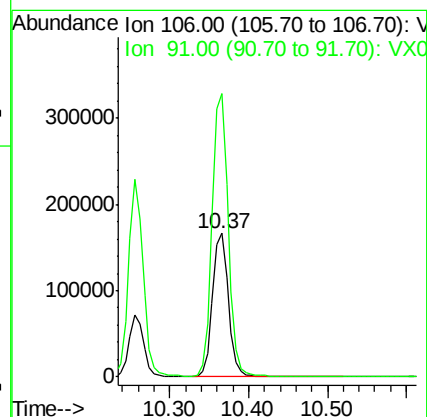
Acq: 24 Apr 2018 16:20

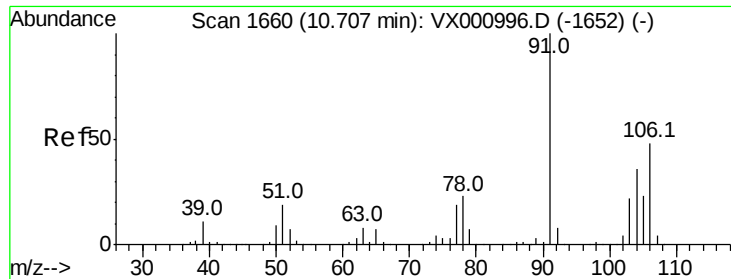
Tgt Ion: 106 Resp: 232682

Ion Ratio Lower Upper

106 100

91 201.3 159.3 238.9





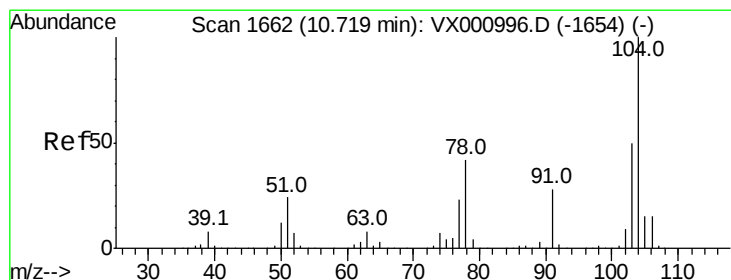
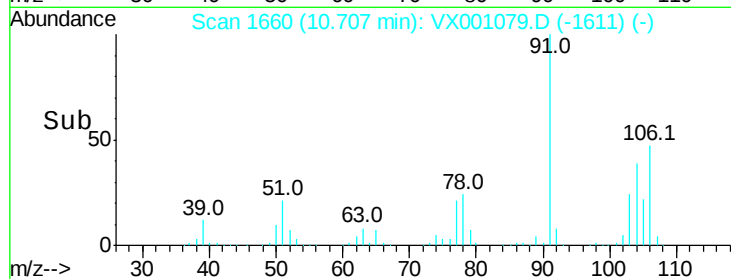
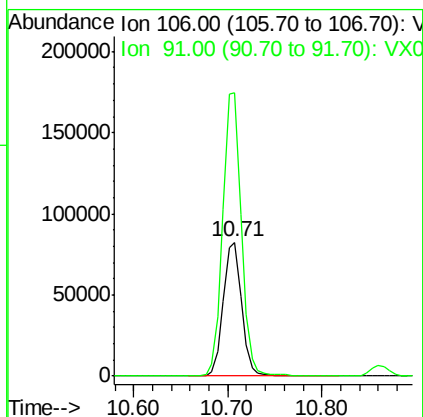
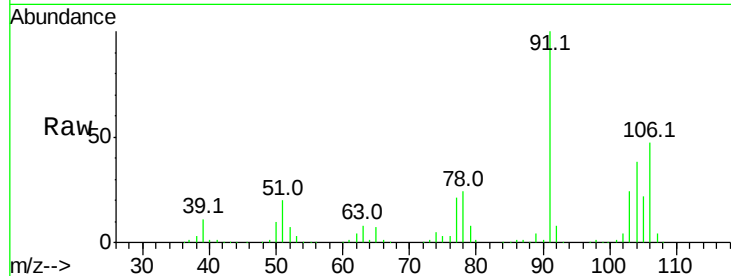
#69
o-Xylene
Concen: 19.394 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion:106 Resp: 112028
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.1

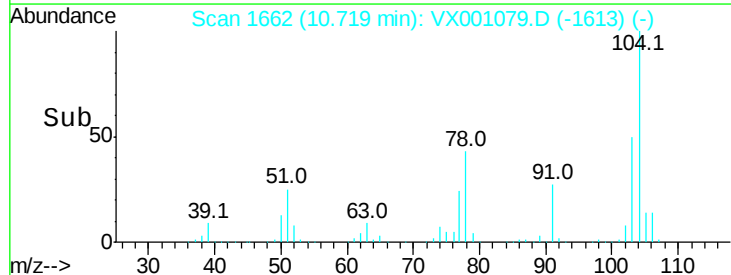
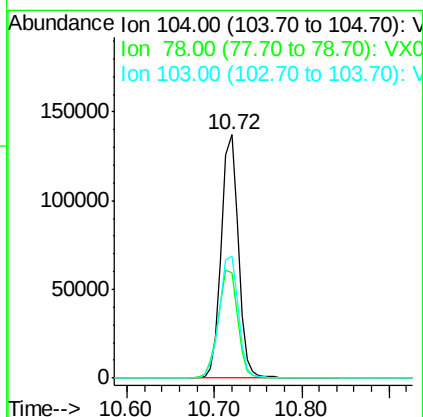
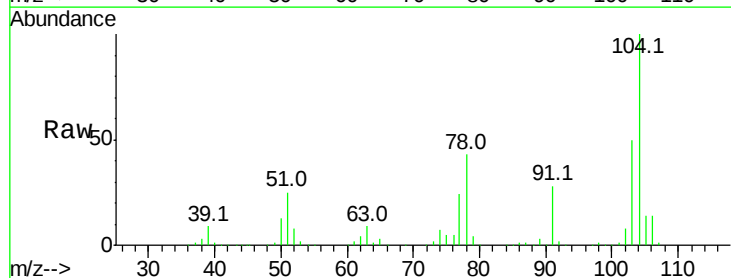
Manual Integrations
APPROVED

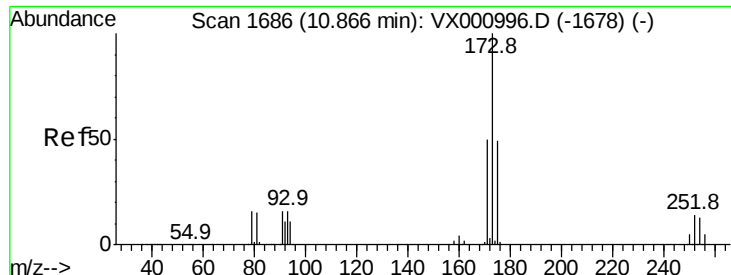
Sohil
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#70
Styrene
Concen: 19.424 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:104 Resp: 184788
Ion Ratio Lower Upper
104 100
78 50.9 39.4 59.2
103 56.1 44.2 66.2





#71

Bromoform

Concen: 18.579 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion:173 Resp: 49050

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

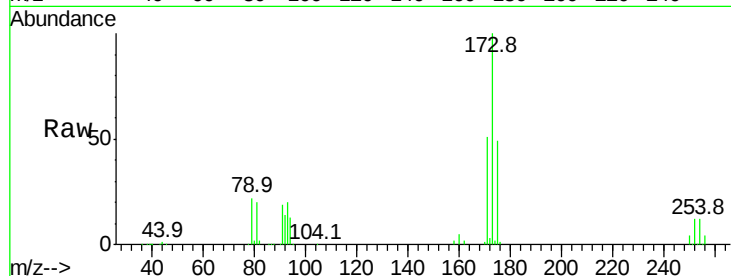
254 0.2 0.2 0.2

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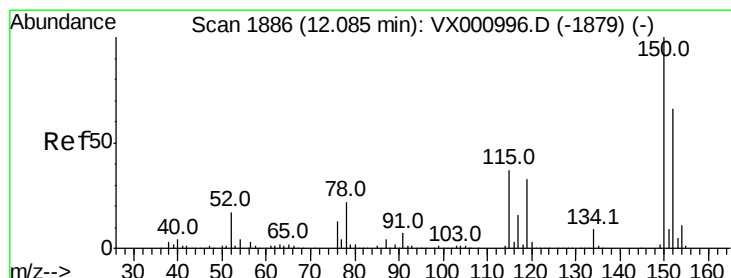
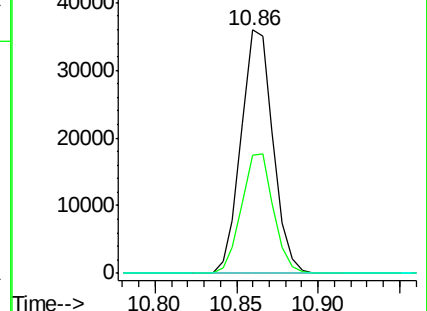
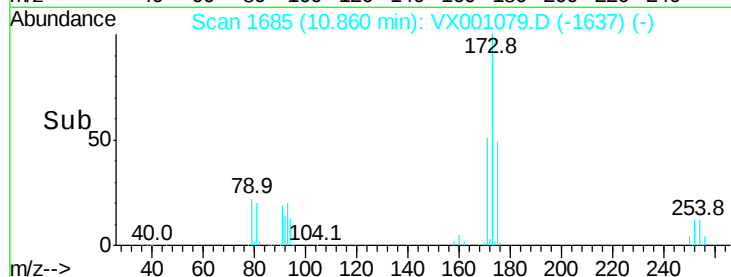
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

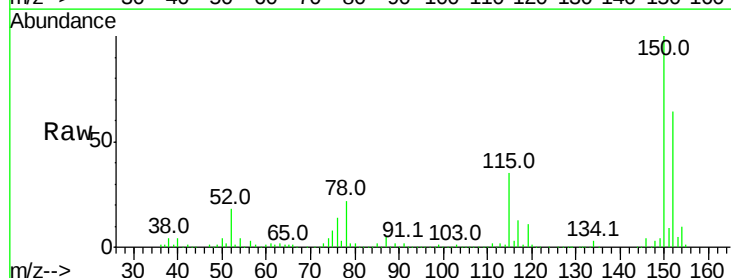
Tgt Ion:152 Resp: 231696

Ion Ratio Lower Upper

152 100

115 63.3 38.2 114.6

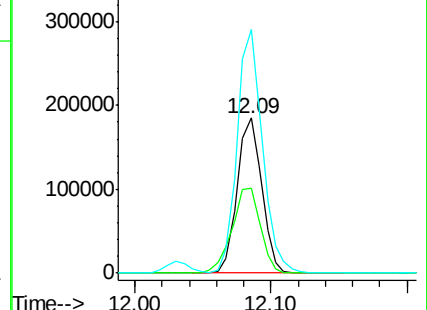
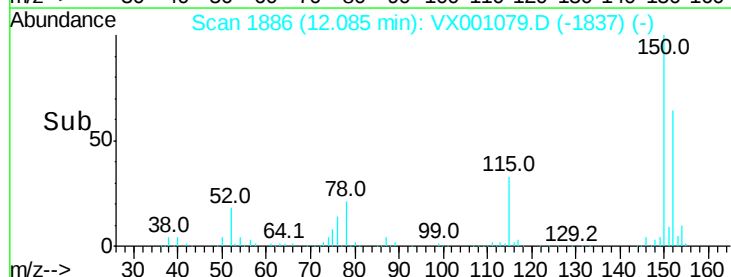
150 162.4 0.0 350.4

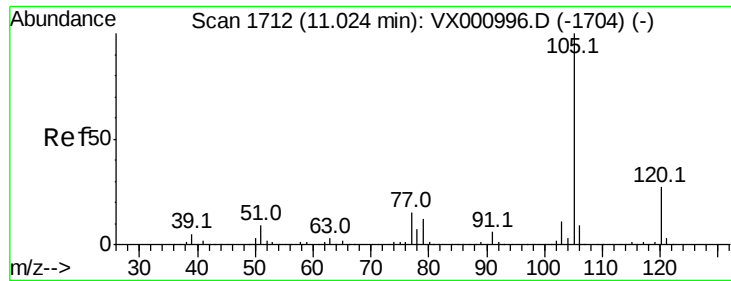


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.183 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion:105 Resp: 305725

Ion Ratio Lower Upper

105 100

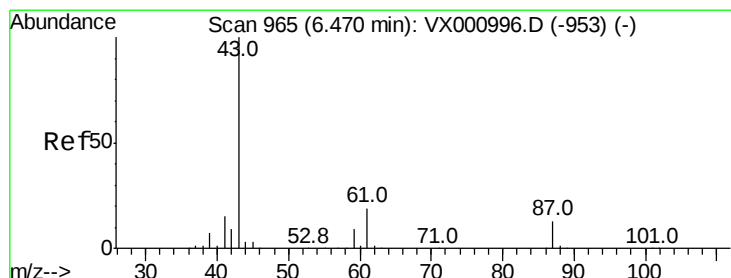
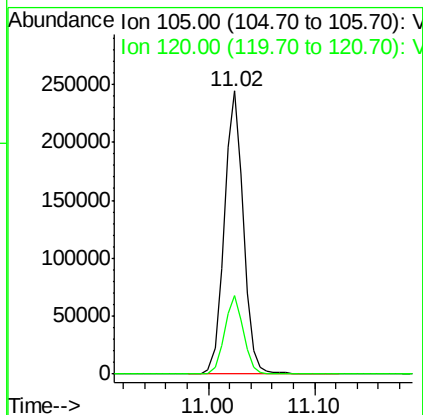
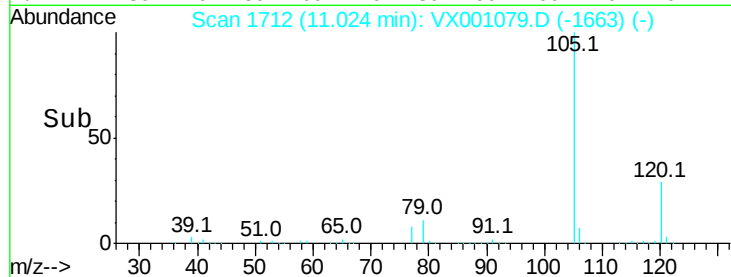
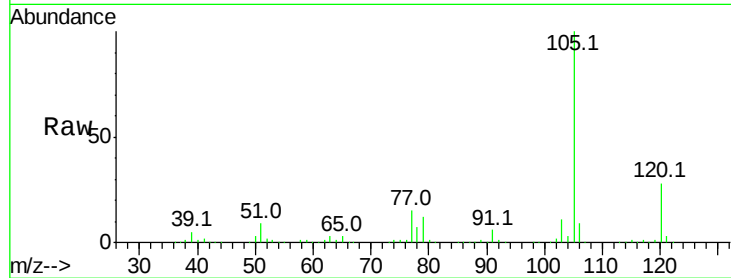
120 27.5 13.4 40.2

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Sohil

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#74

N-ethyl acetate

Concen: 21.049 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion: 43 Resp: 136387

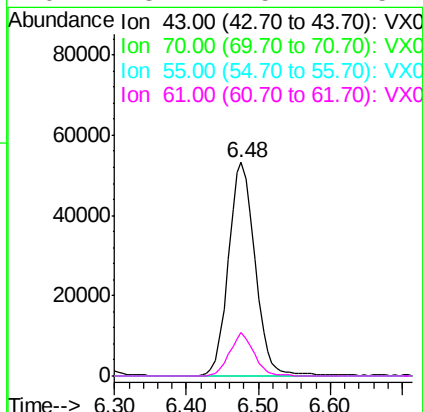
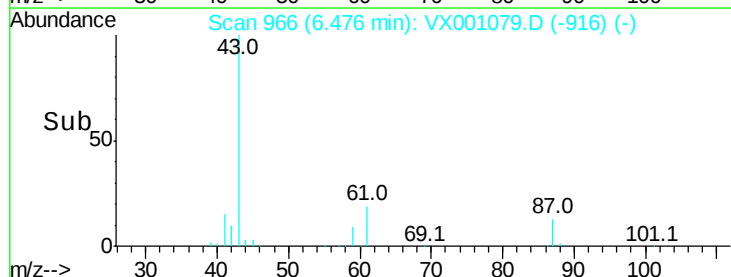
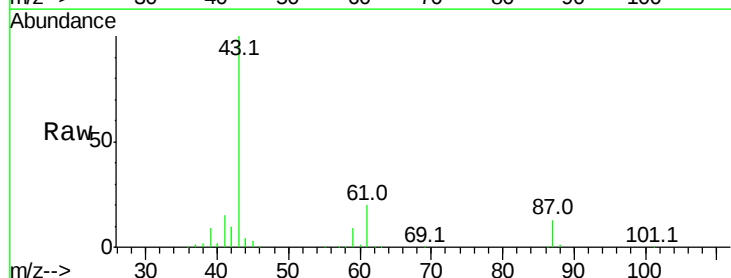
Ion Ratio Lower Upper

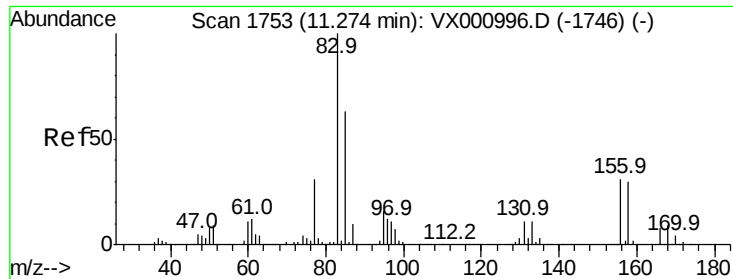
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.256 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

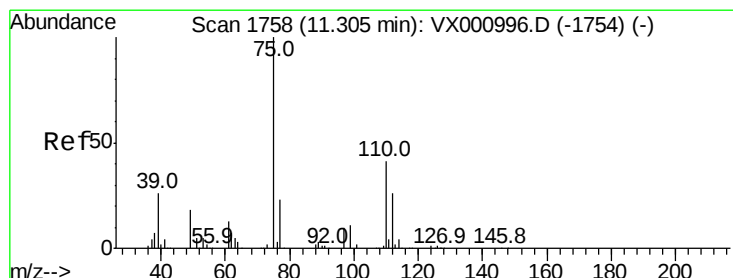
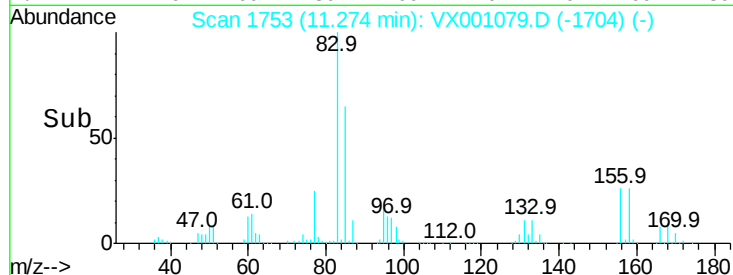
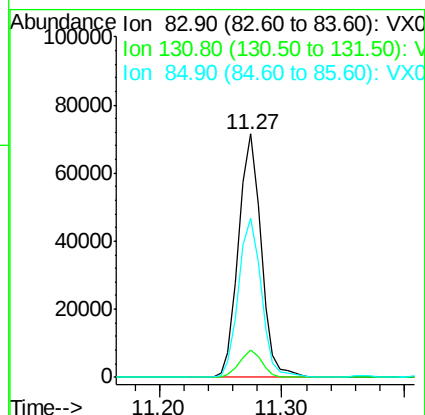
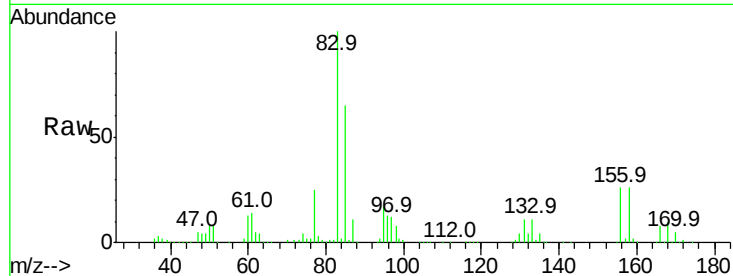
ClientSampleId :

VX0424WBS01

Tot Ion:	83	Resp:	91148
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.4
85	65.9	32.0	96.2

Manual Integrations
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Sohil
4/26/2018 4:06:13 AM



#76

1,2,3-Trichloropropane

Concen: 21.961 ug/l m

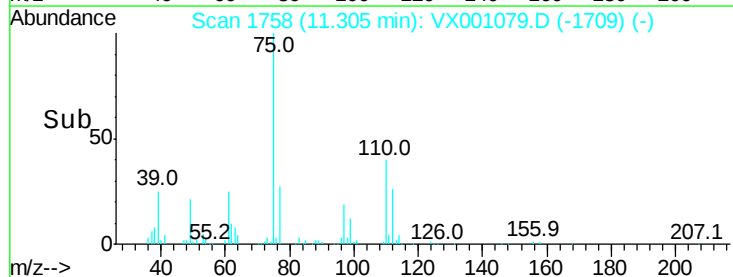
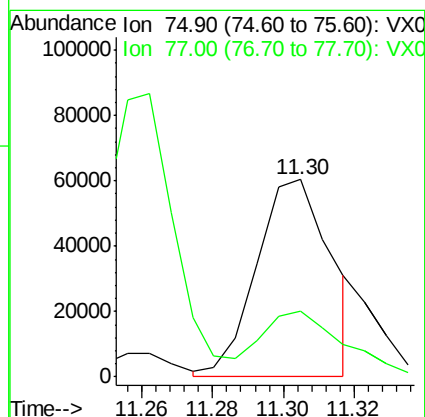
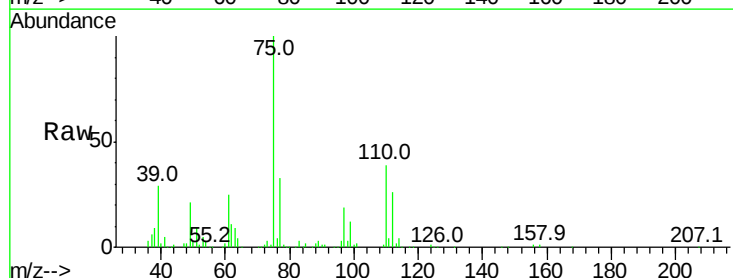
RT: 11.30 min Scan# 1758

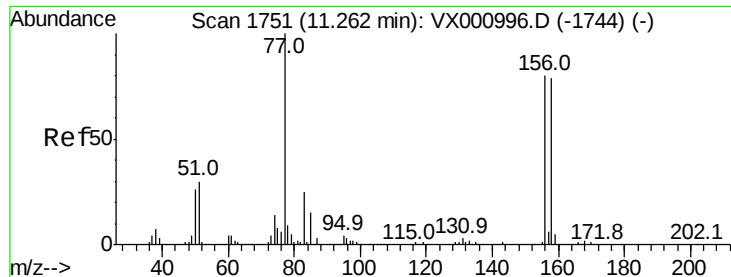
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	75	Resp:	88281
Ion Ratio	Lower	Upper	
75	100		
77	36.5	19.6	58.7





#77

Bromobenzene

Concen: 19.655 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion:156 Resp: 86420

Ion Ratio Lower Upper

156 100

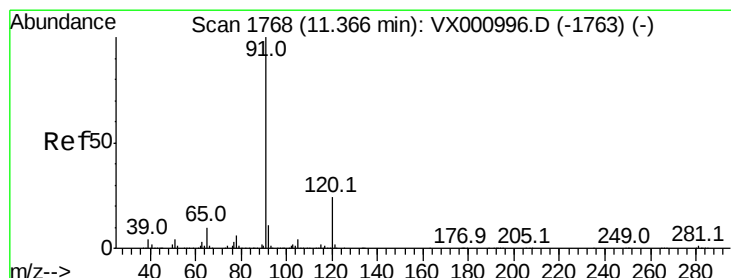
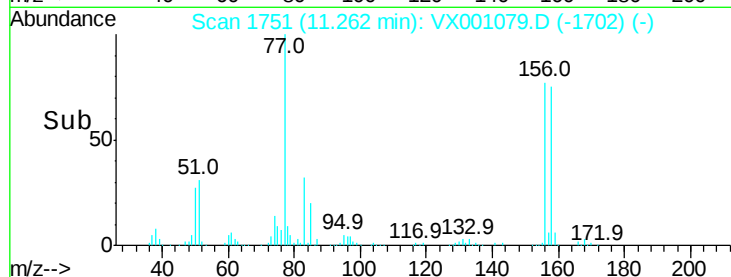
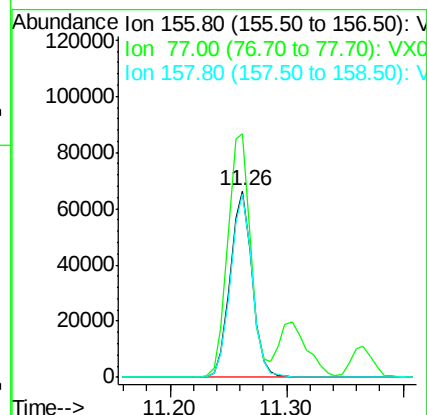
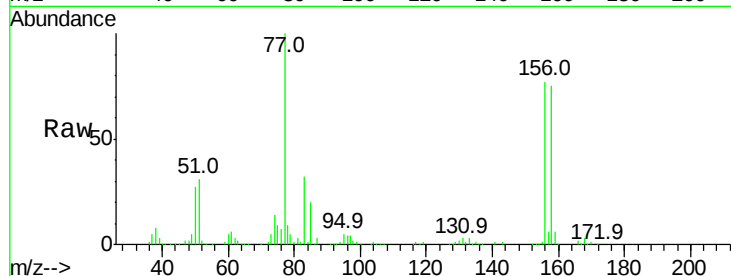
77 137.0 66.3 199.0

158 98.3 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.811 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001079.D

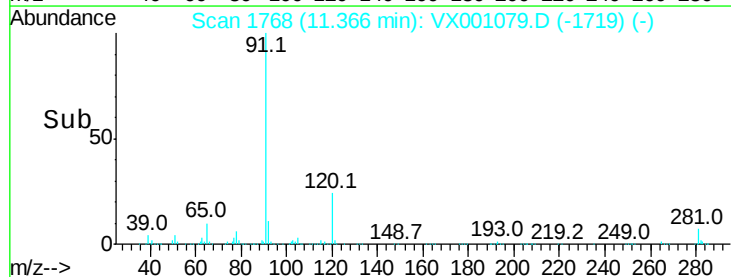
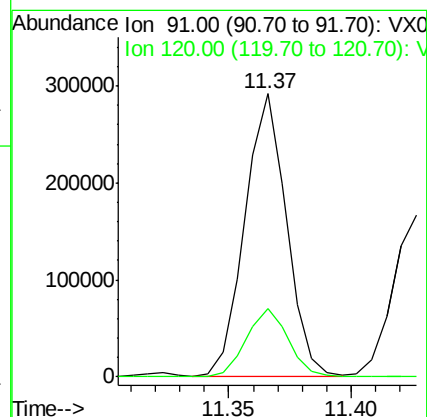
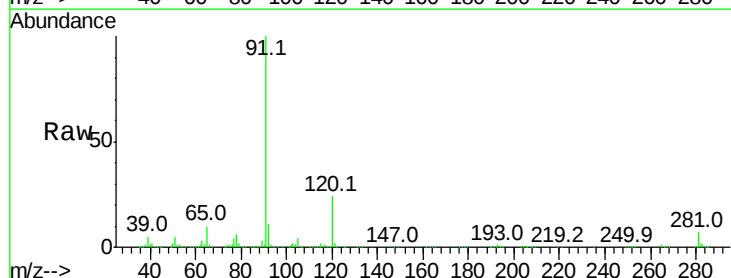
Acq: 24 Apr 2018 16:20

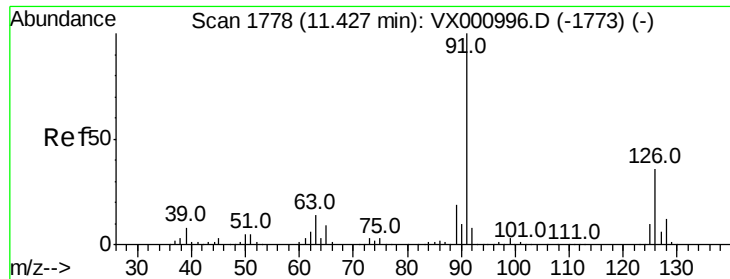
Tgt Ion: 91 Resp: 344497

Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.0





#79

2-Chlorotoluene

Concen: 19.965 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

Tot Ion: 91 Resp: 205151

Ion Ratio Lower Upper

91 100

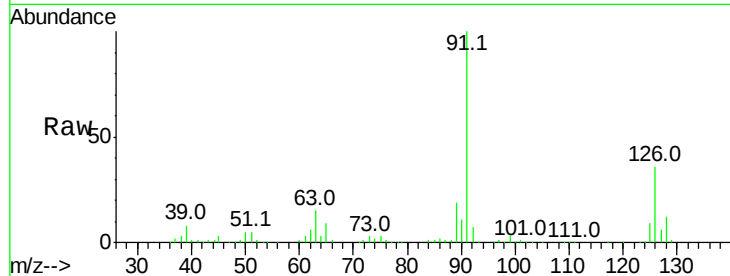
126 36.8 18.3 54.9

Manual Integrations

APPROVED

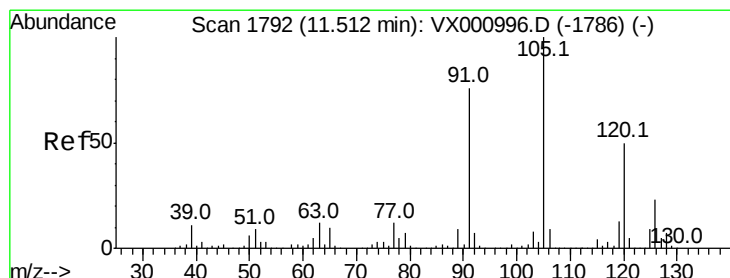
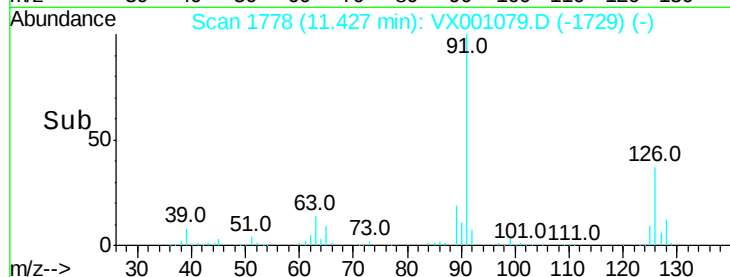
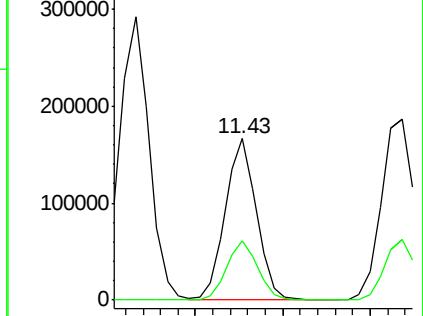
Sohil

4/26/2018 4:06:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.375 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001079.D

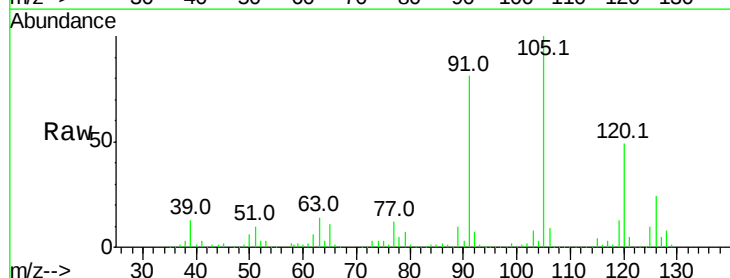
Acq: 24 Apr 2018 16:20

Tgt Ion: 105 Resp: 261618

Ion Ratio Lower Upper

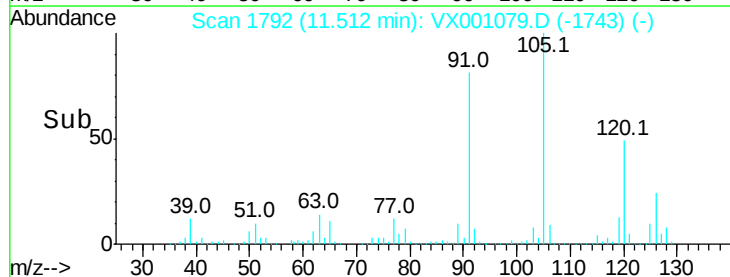
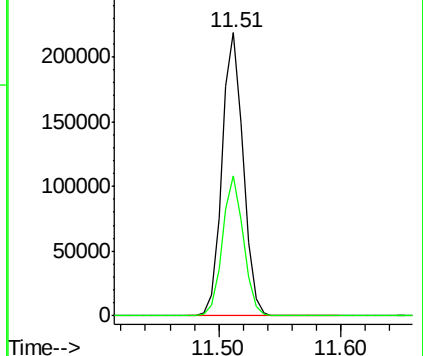
105 100

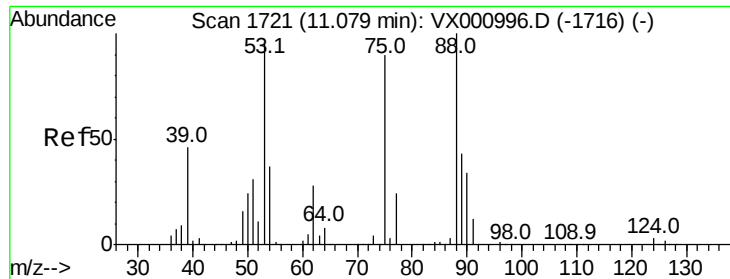
120 49.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





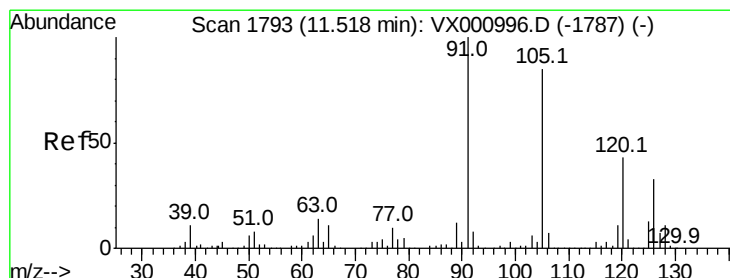
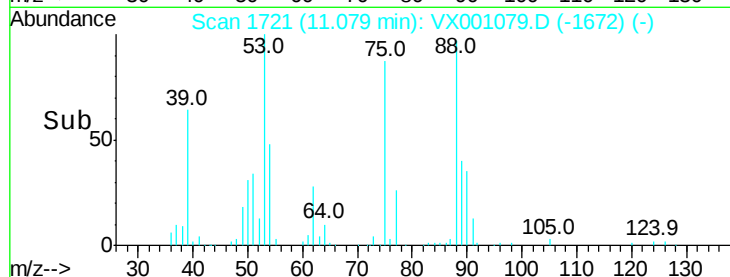
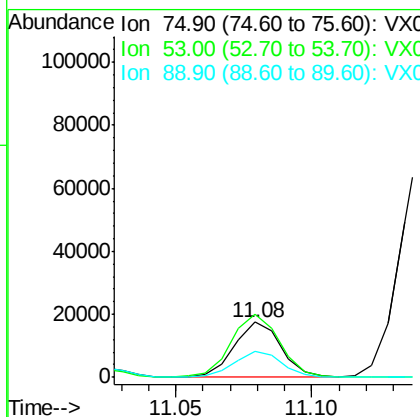
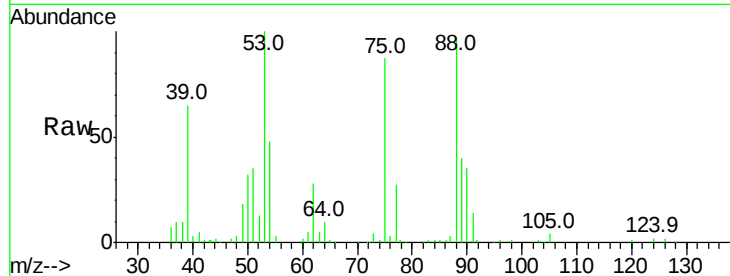
#81
trans-1,4-Dichloro-2-butene
Concen: 18.145 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	119.7	83.4	125.2
89	48.3	39.7	59.5

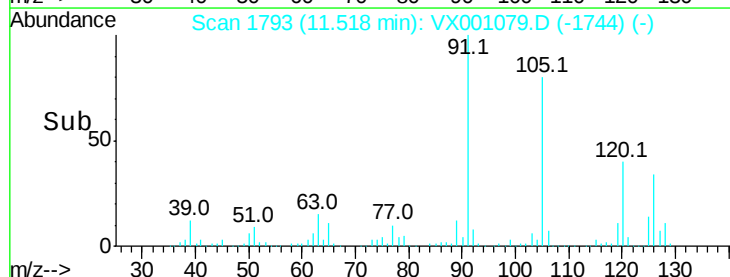
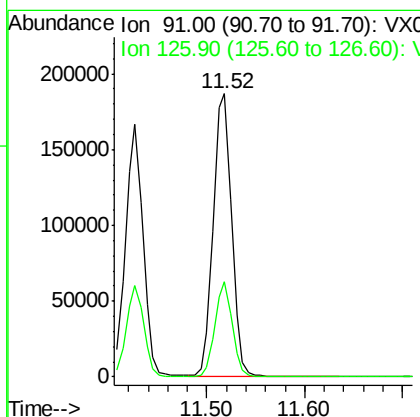
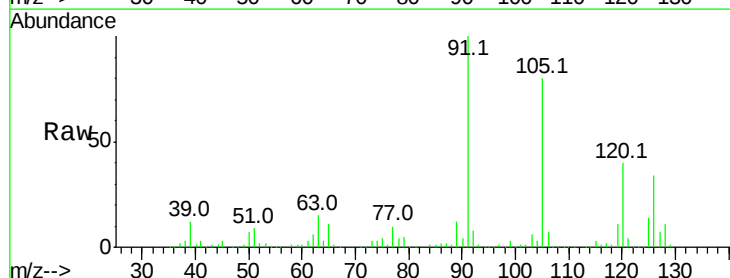
Manual Integrations
APPROVED

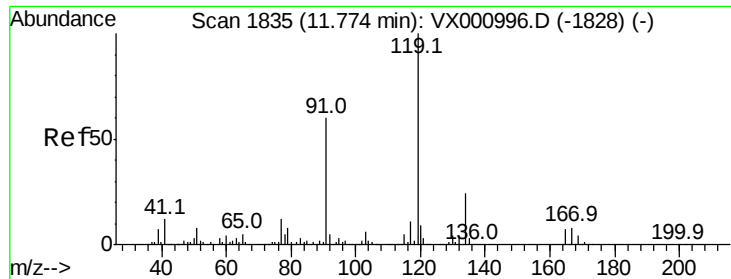
Sohil
4/26/2018 4:06:13 AM



#82
4-Chlorotoluene
Concen: 19.758 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





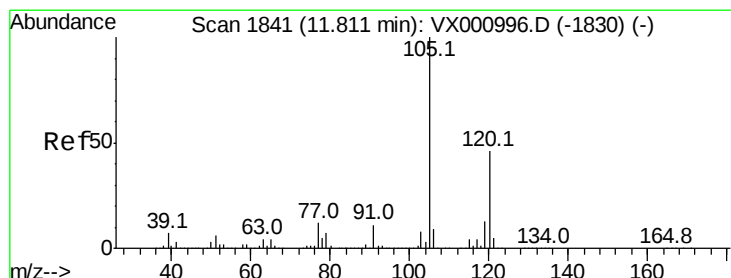
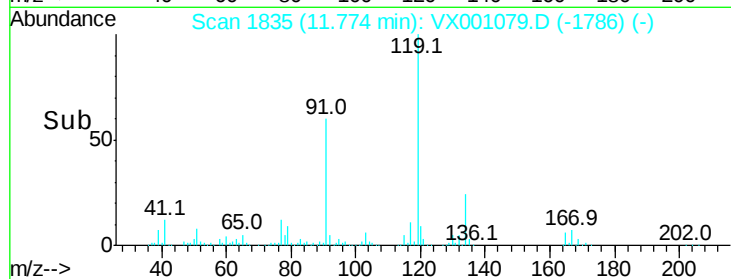
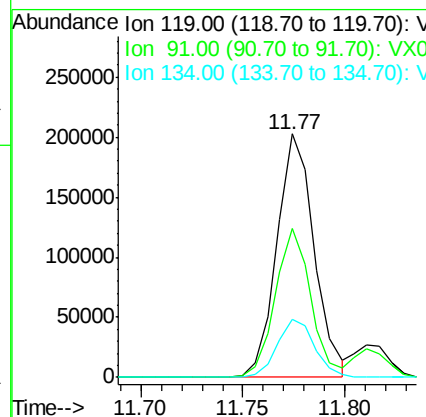
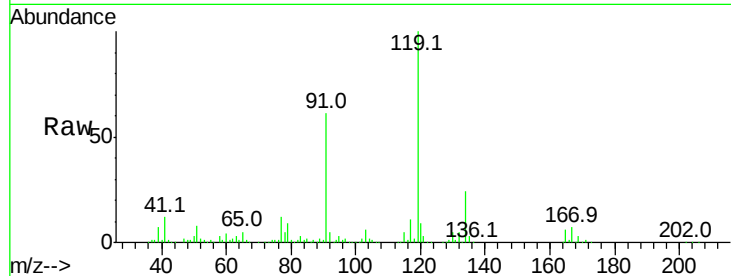
#83
tert-Butylbenzene
Concen: 19.921 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	27.0	81.0
134	23.8	11.6	34.7

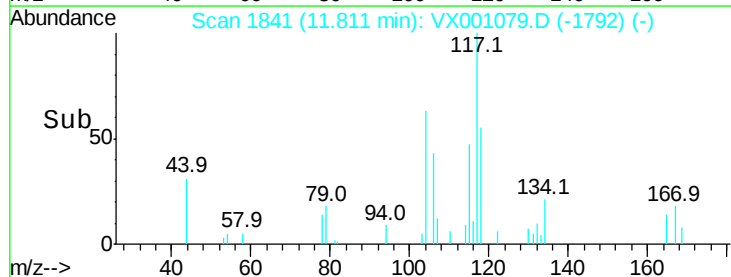
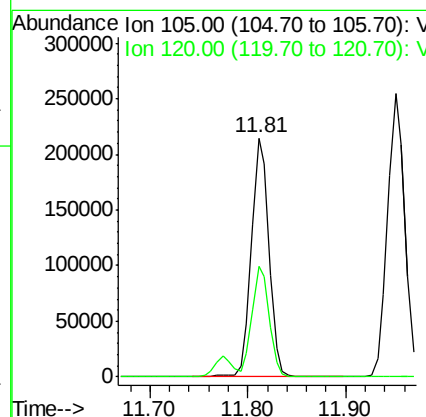
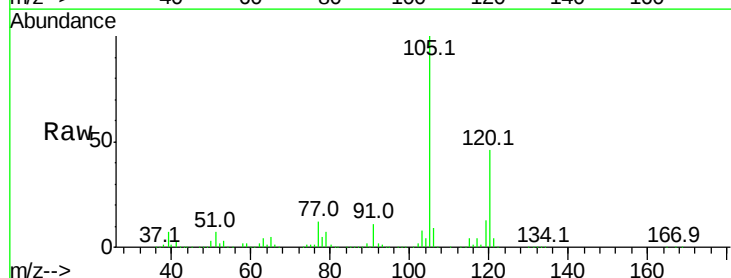
Manual Integrations
APPROVED

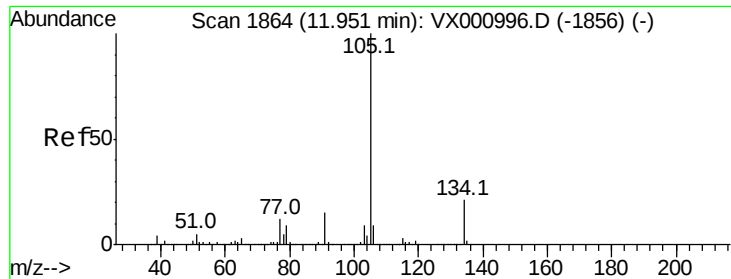
Sohil
4/26/2018 4:06:13 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.275 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.0	69.0





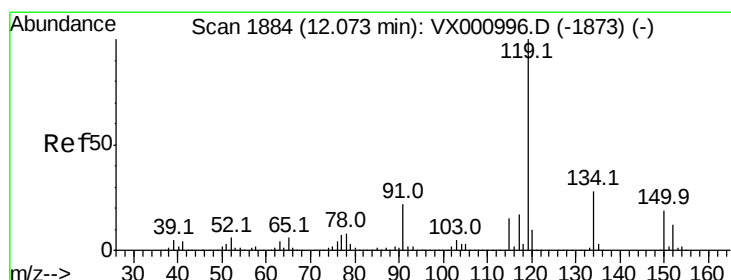
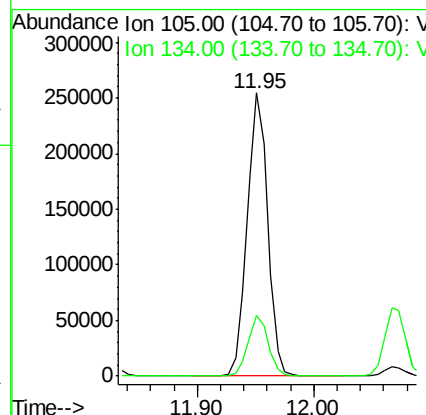
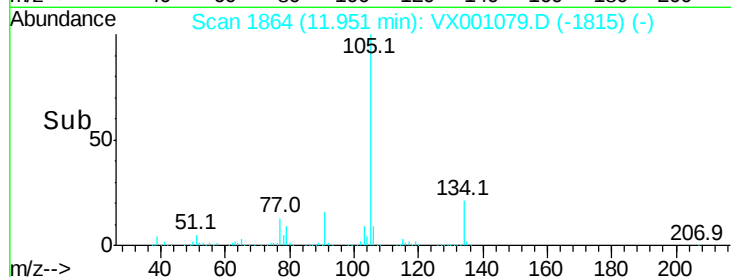
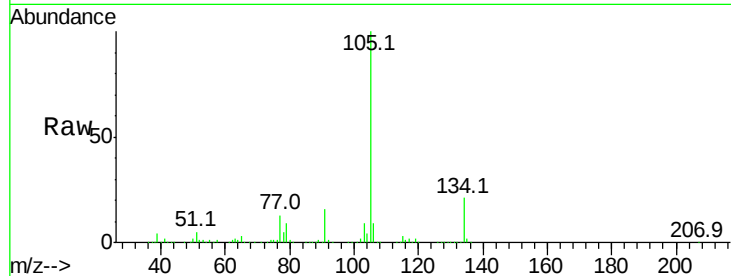
#85
 sec-Butylbenzene
 Concen: 20.248 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

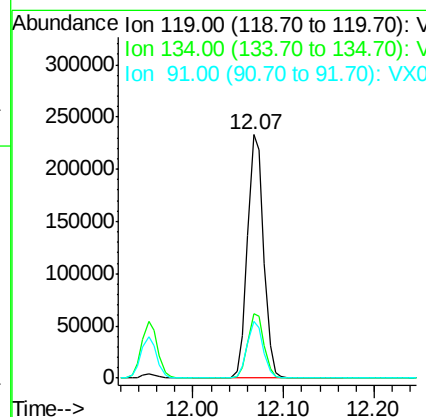
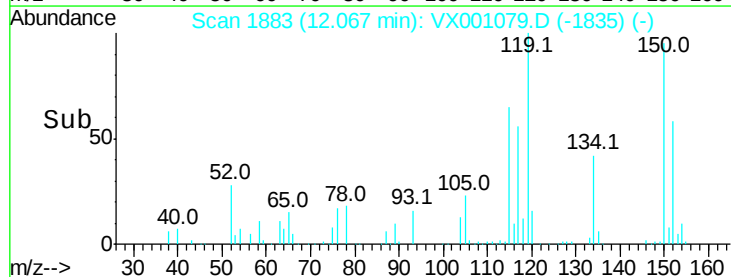
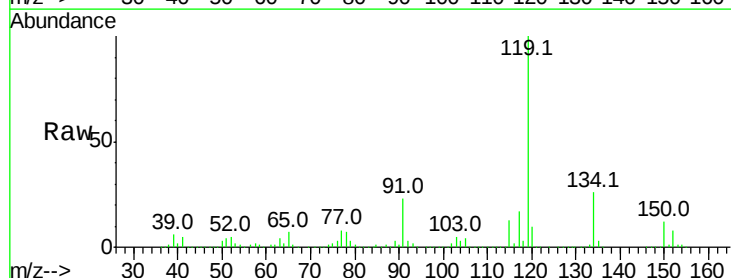
Manual Integrations
 APPROVED

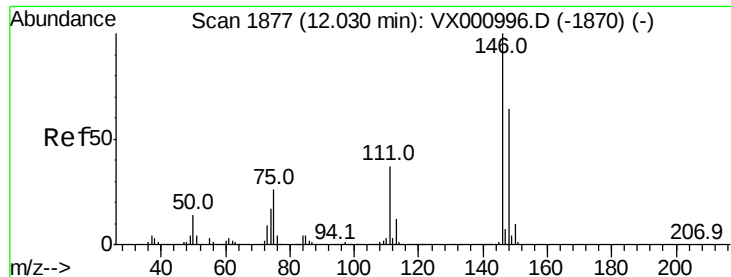
Sohil
 4/26/2018 4:06:13 AM



#86
 p-Isopropyltoluene
 Concen: 20.160 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.5	40.5
91	23.1	11.4	34.1





#87

1,3-Dichlorobenzene

Concen: 19.160 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

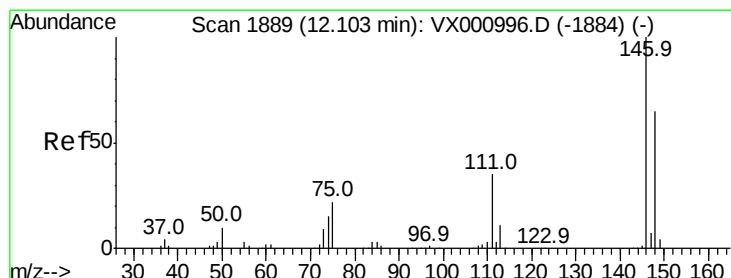
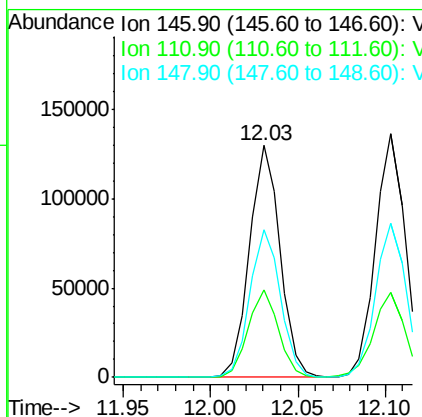
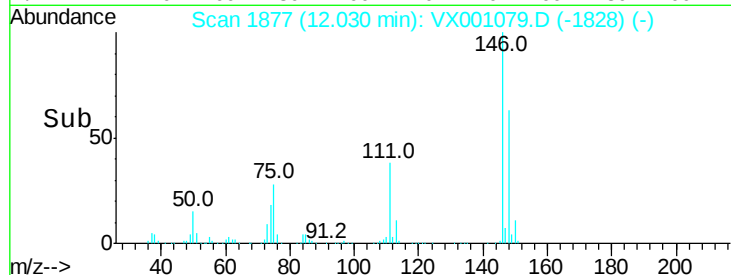
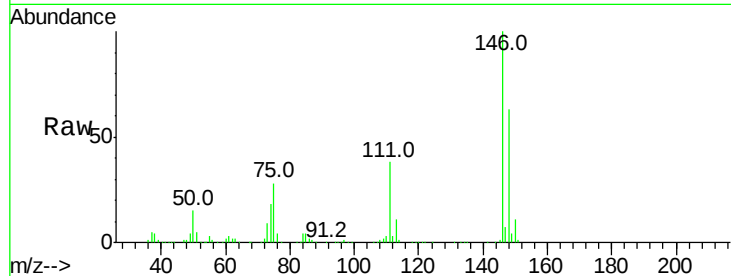
ClientSampleId :

VX0424WBS01

Tot Ion:	146	Resp:	157712
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.3	54.8
148	63.9	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.159 ug/l

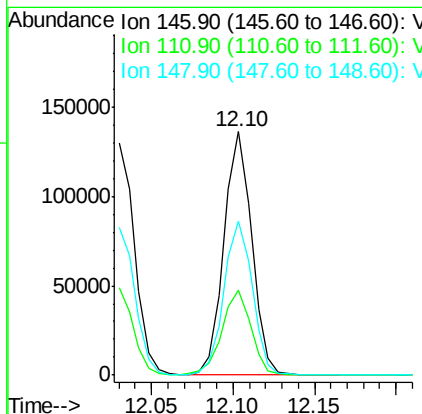
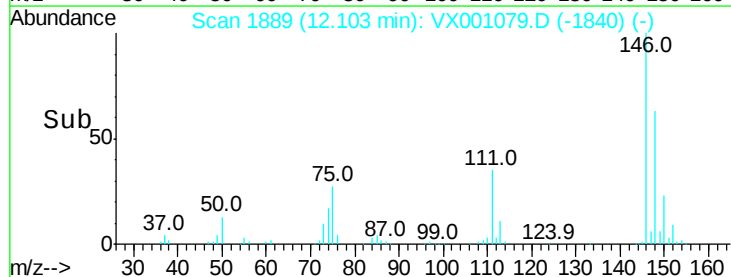
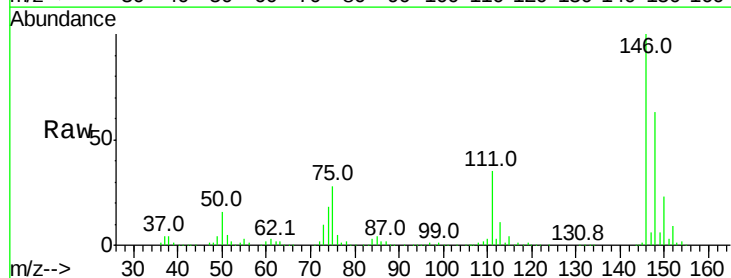
RT: 12.10 min Scan# 1889

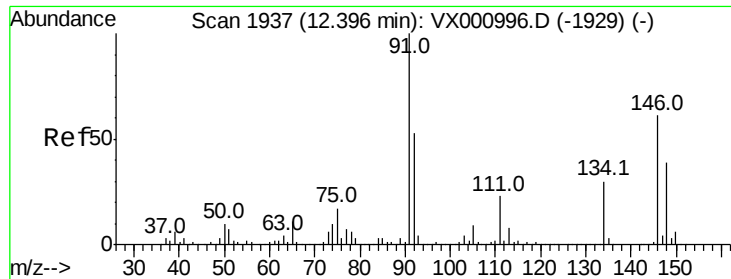
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	146	Resp:	161872
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.0	54.0
148	64.7	32.4	97.0





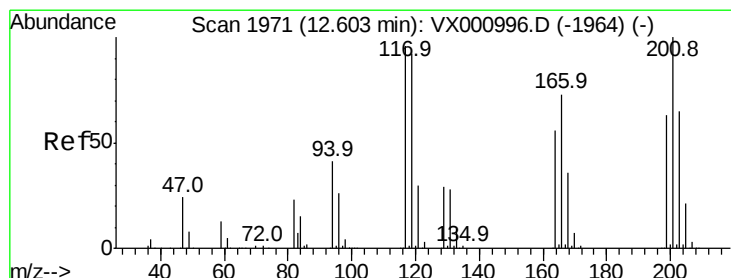
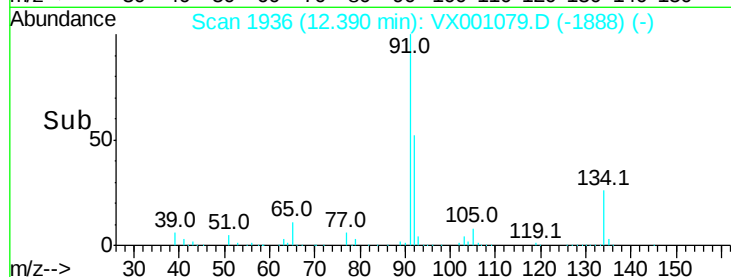
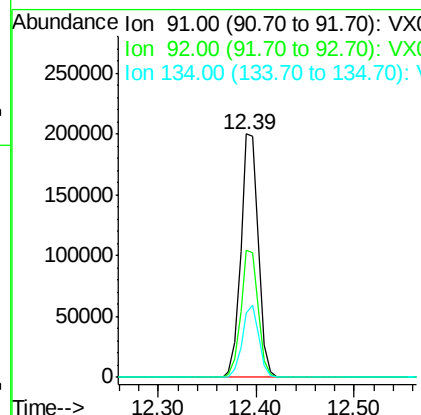
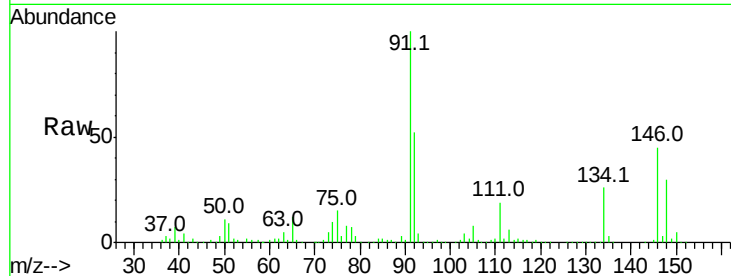
#89
n-Butylbenzene
Concen: 19.290 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.9
134	27.9	14.4	43.0

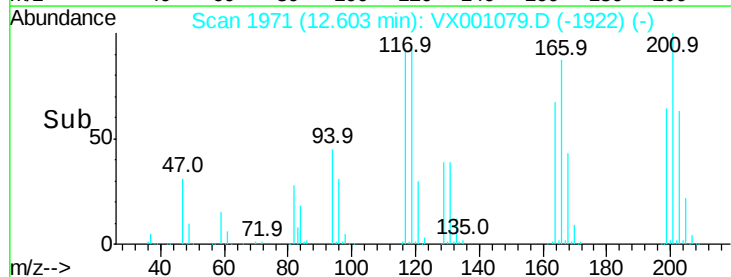
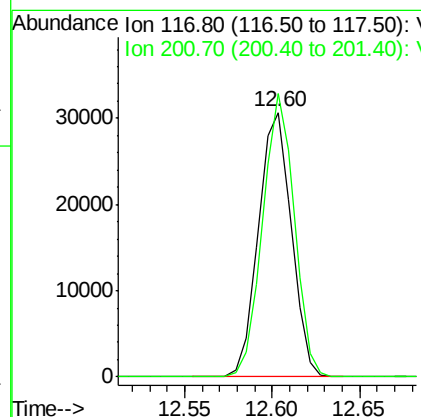
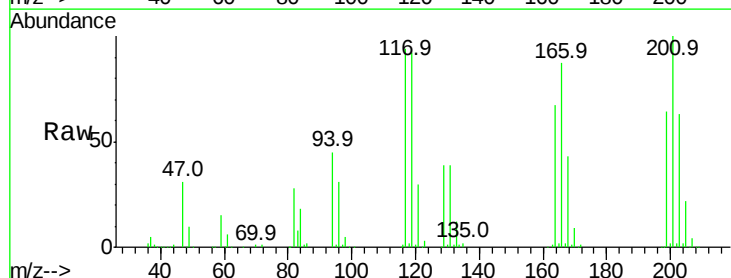
Manual Integrations
APPROVED

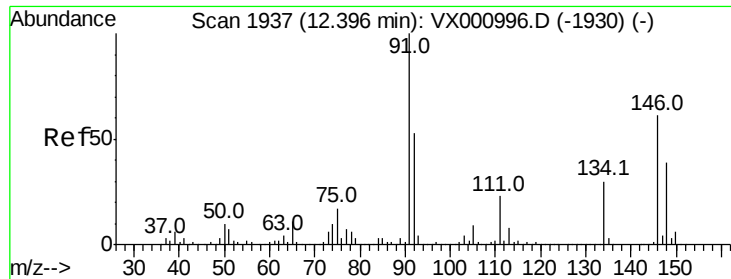
Sohil
4/26/2018 4:06:13 AM



#90
Hexachloroethane
Concen: 19.805 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.9	52.3	157.1





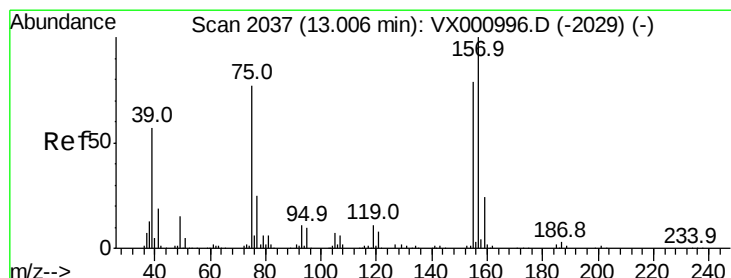
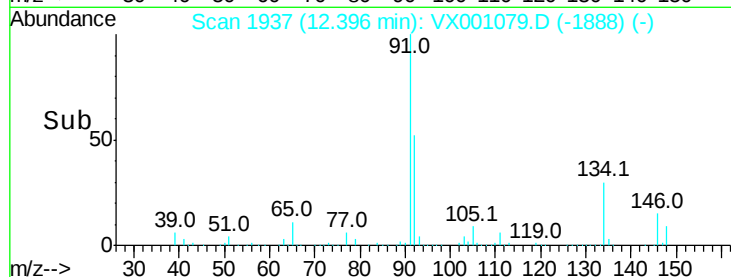
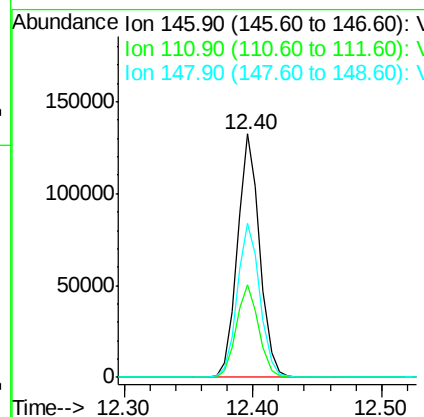
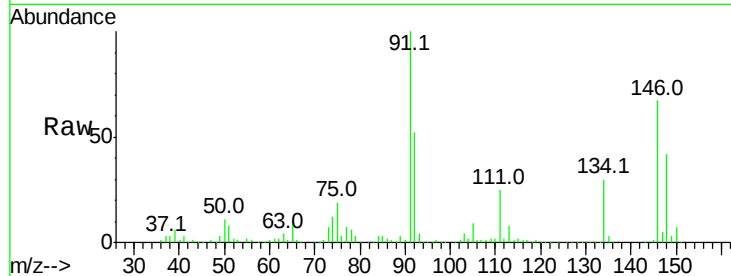
#91
 1,2-Dichlorobenzene
 Concen: 19.999 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	159363		
111	38.2	18.6	56.0	
148	64.3	32.3	96.8	

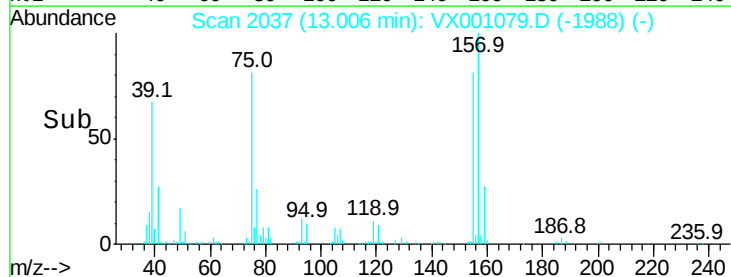
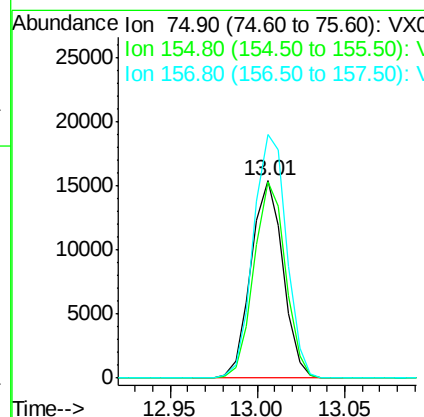
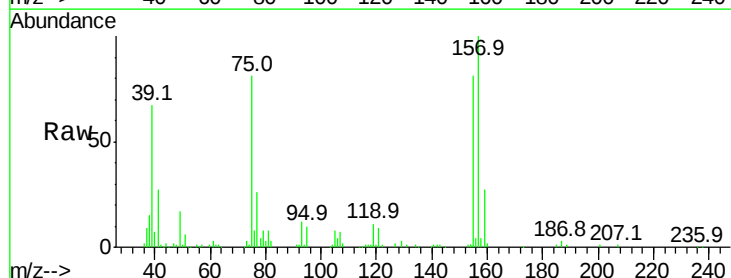
Manual Integrations
 APPROVED

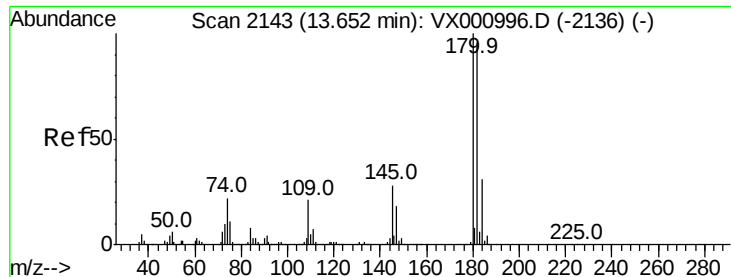
Sohil
 4/26/2018 4:06:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.847 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19625		
155	98.1	51.0	153.0	
157	127.4	64.9	194.7	





#93

1,2,4-Trichlorobenzene

Concen: 18.199 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

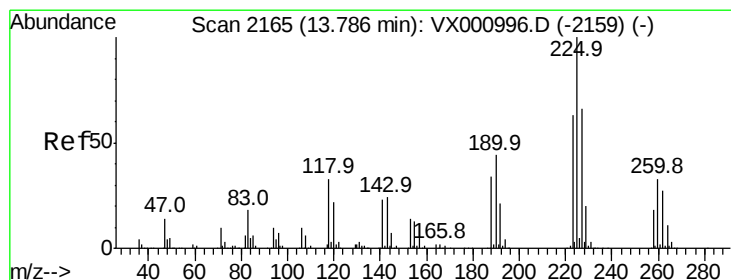
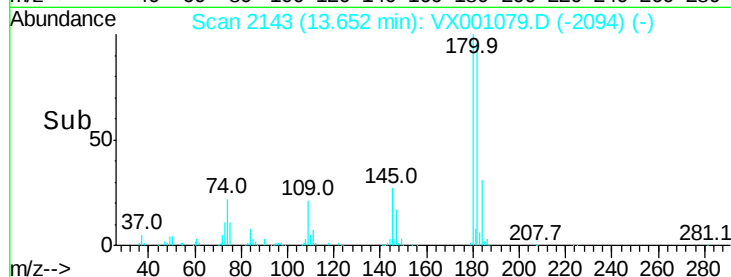
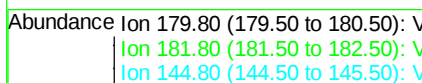
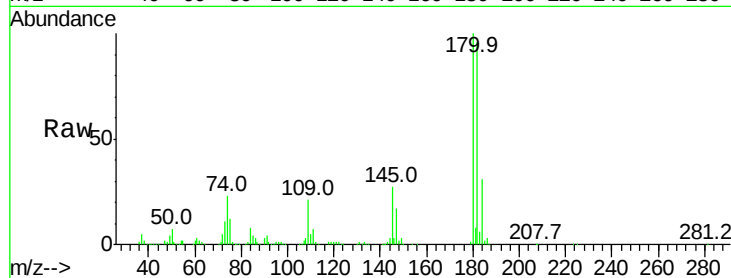
VX0424WBS01

Tot Ion:	180	Resp:	121739
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	28.2	13.9	41.7

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#94

Hexachlorobutadiene

Concen: 21.520 ug/l

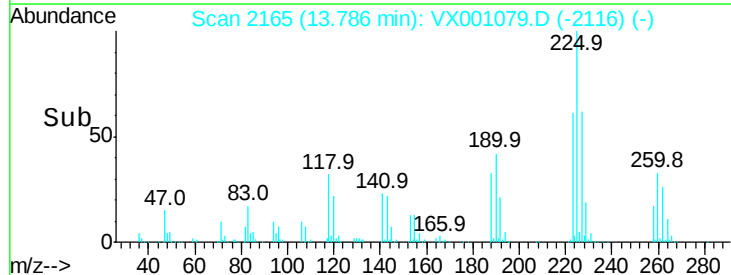
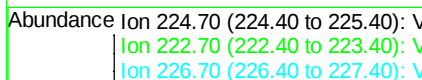
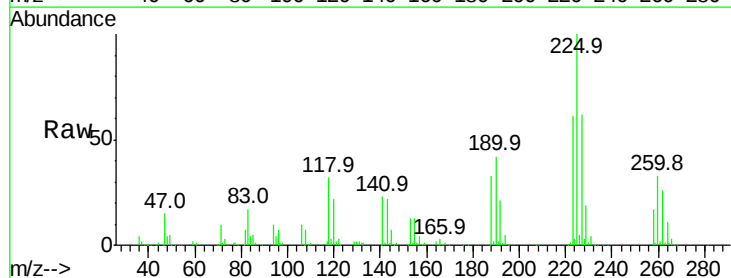
RT: 13.79 min Scan# 2165

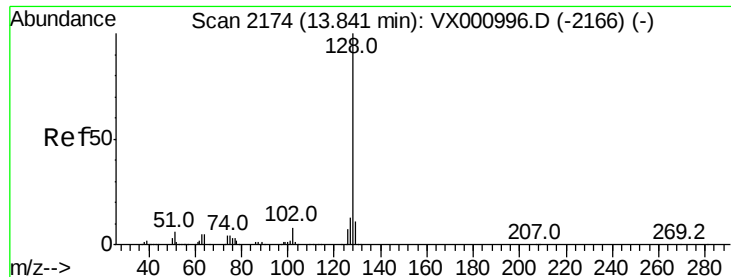
Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	225	Resp:	65137
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.5	94.5
227	62.7	32.6	97.8





#95

Naphthalene

Concen: 20.841 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

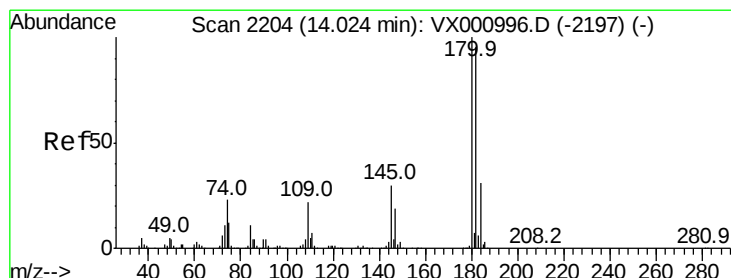
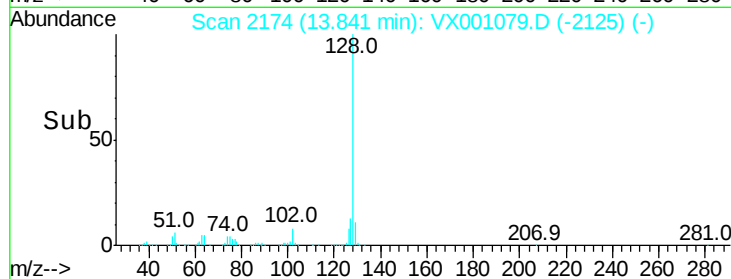
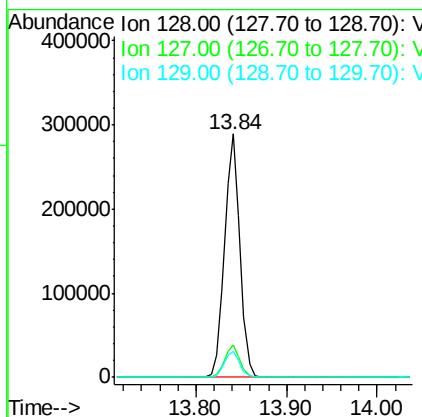
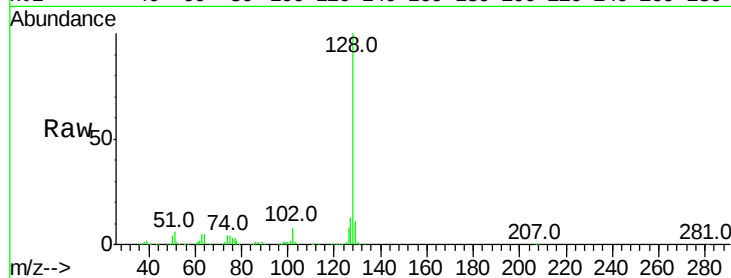
ClientSampleId :

VX0424WBS01

Tot Ion:	128	Resp:	342869
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	10.9	8.7	13.1

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#96

1,2,3-Trichlorobenzene

Concen: 19.263 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion:	180	Resp:	124631
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.9	143.7
145	28.9	14.5	43.6

