

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004924.D
 Acq On : 02 Oct 2018 17:40
 Operator : JC/MD
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:35 PM

Quant Time: Oct 03 05:22:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168067	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	136255	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	8.72	98	509416	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	184058	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66454	21.409	ug/l	100
3) Chloromethane	1.32	50	73714	19.574	ug/l	100
4) Vinyl Chloride	1.40	62	72929	20.647	ug/l	99
5) Bromomethane	1.64	94	37615	17.959	ug/l	95
6) Chloroethane	1.72	64	42821	20.890	ug/l	97
7) Trichlorofluoromethane	1.93	101	93712	21.431	ug/l	96
8) Diethyl Ether	2.19	74	38368	20.197	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52364	21.023	ug/l	99
10) Methyl Iodide	2.51	142	40118	12.036	ug/l	91
11) Tert butyl alcohol	3.08	59	107126	117.808	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50165	20.336	ug/l	94
13) Acrolein	2.29	56	35375	54.677	ug/l	89
14) Allyl chloride	2.73	41	115540	21.467	ug/l	95
15) Acrylonitrile	3.15	53	217354	108.581	ug/l	97
16) Acetone	2.45	43	208632	109.884	ug/l	93
17) Carbon Disulfide	2.57	76	139860	18.868	ug/l	99
18) Methyl Acetate	2.78	43	118471	24.628	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	191347	22.488	ug/l	96
20) Methylene Chloride	2.85	84	59766	21.166	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	54165	20.059	ug/l	87
22) Diisopropyl ether	3.87	45	193248	21.322	ug/l	97
23) Vinyl Acetate	3.82	43	865118	104.279	ug/l	98
24) 1,1-Dichloroethane	3.70	63	111665	20.654	ug/l	99
25) 2-Butanone	4.71	43	301045	107.567	ug/l	97
26) 2,2-Dichloropropane	4.58	77	79199	21.037	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	59377	19.683	ug/l	92
28) Bromochloromethane	5.02	49	51879	20.377	ug/l	98
29) Tetrahydrofuran	5.16	42	191982	110.368	ug/l	97
30) Chloroform	5.21	83	102548	20.070	ug/l	100
31) Cyclohexane	5.57	56	87422	21.127	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	85401	20.466	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72881	18.154	ug/l	94
37) Ethyl Acetate	4.86	43	104118	19.538	ug/l	98
38) Carbon Tetrachloride	5.78	117	73062	17.313	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81435	19.866	ug/l #	85
40) Benzene	6.14	78	229712	18.277	ug/l	96
41) Methacrylonitrile	5.06	41	57657	19.510	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82273	18.518	ug/l	97
43) Isopropyl Acetate	6.46	43	146422	19.037	ug/l	97
44) Trichloroethene	7.21	130	59463	19.246	ug/l	92
45) 1,2-Dichloropropane	7.52	63	62297	20.212	ug/l	97
46) Dibromomethane	7.66	93	38799	20.031	ug/l	99
47) Bromodichloromethane	7.90	83	74773	20.618	ug/l	99
48) Methyl methacrylate	7.78	41	77193	22.112	ug/l	100
49) 1,4-Dioxane	7.76	88	37155	428.397	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	537911	111.073	ug/l	99
52) Toluene	8.79	92	142293	20.604	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81935	19.993	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	91217	21.250	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60428	19.976	ug/l	96
56) Ethyl methacrylate	9.18	69	90017	20.150	ug/l	98
57) 1,3-Dichloropropane	9.37	76	99629	19.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	250053	104.711	ug/l	100
59) 2-Hexanone	9.50	43	426850	105.770	ug/l	94
60) Dibromochloromethane	9.59	129	59852	19.784	ug/l	98
61) 1,2-Dibromoethane	9.68	107	61653	19.031	ug/l	95
64) Tetrachloroethene	9.34	164	58778	18.285	ug/l	96
65) Chlorobenzene	10.14	112	158499	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	57167	19.416	ug/l	99
67) Ethyl Benzene	10.26	91	260010	19.555	ug/l	97
68) m/p-Xylenes	10.36	106	203888	39.240	ug/l	94
69) o-Xylene	10.70	106	99298	20.807	ug/l	98
70) Styrene	10.71	104	163620	19.687	ug/l	99
71) Bromoform	10.86	173	48296	19.160	ug/l	99
73) Isopropylbenzene	11.02	105	262781	21.362	ug/l	99
74) N-amyl acetate	10.90	43	125342	19.638	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	98491	19.669	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89301m	20.415	ug/l	
77) Bromobenzene	11.26	156	72126	20.186	ug/l	99
78) n-propylbenzene	11.36	91	299388	21.212	ug/l	99
79) 2-Chlorotoluene	11.42	91	184311	20.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223990	19.747	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25303	17.137	ug/l	98
82) 4-Chlorotoluene	11.51	91	214611	20.725	ug/l	99
83) tert-Butylbenzene	11.77	119	217075	21.433	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	231350	19.778	ug/l	98
85) sec-Butylbenzene	11.95	105	263786	21.383	ug/l	99
86) p-Isopropyltoluene	12.07	119	236573	21.166	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130792	19.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132842	19.288	ug/l	98
89) n-Butylbenzene	12.39	91	202648	19.964	ug/l	100
90) Hexachloroethane	12.60	117	35701	19.185	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	131993	18.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21678	19.717	ug/l	99

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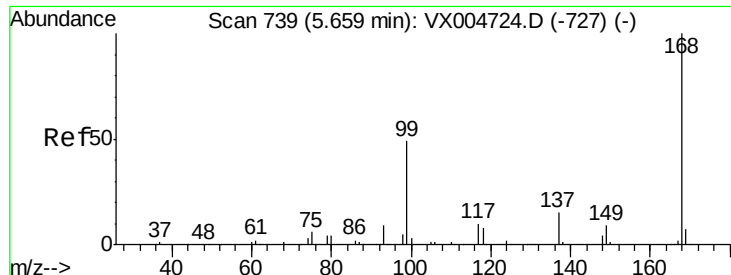
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94944	19.412	ug/l	99
94) Hexachlorobutadiene	13.79	225	48466	19.109	ug/l	98
95) Naphthalene	13.83	128	304242	19.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100260	19.844	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion:168 Resp: 227660

Ion Ratio Lower Upper

168 100

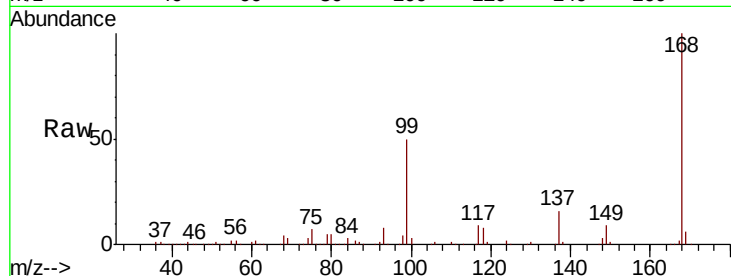
99 50.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

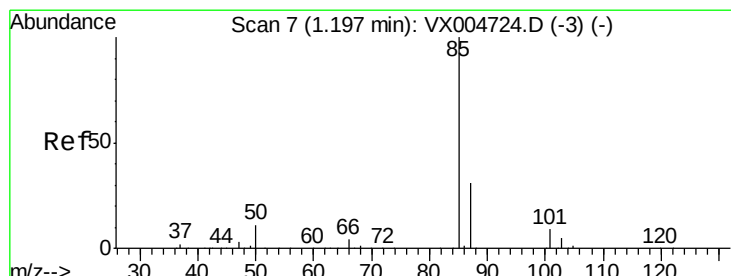
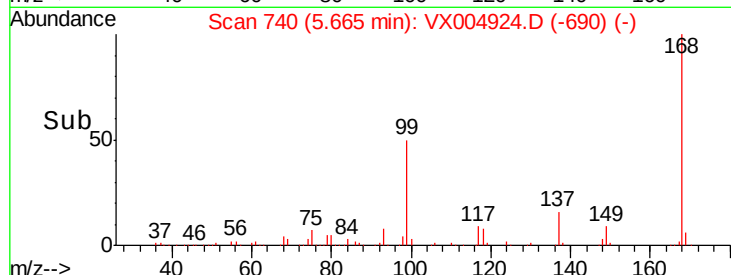
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.409 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004924.D

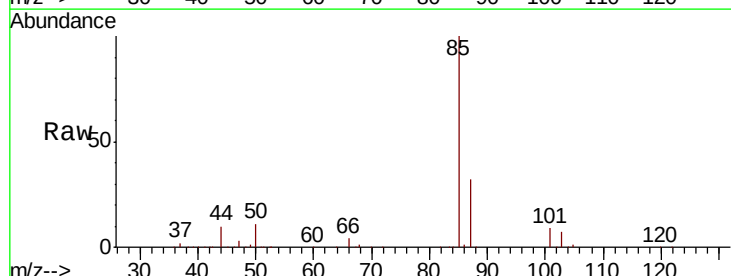
Acq: 02 Oct 2018 17:40

Tgt Ion: 85 Resp: 66454

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

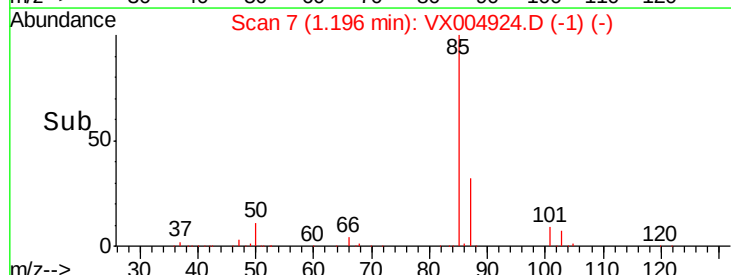
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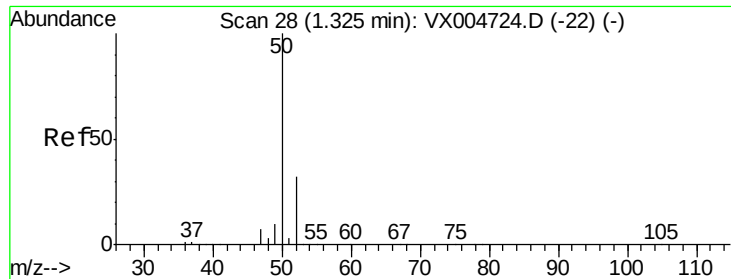
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.574 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion: 50 Resp: 73714

Ion Ratio Lower Upper

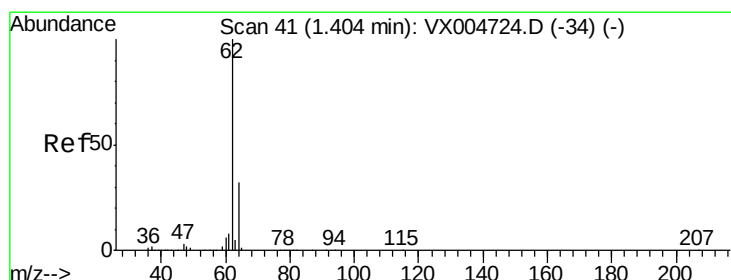
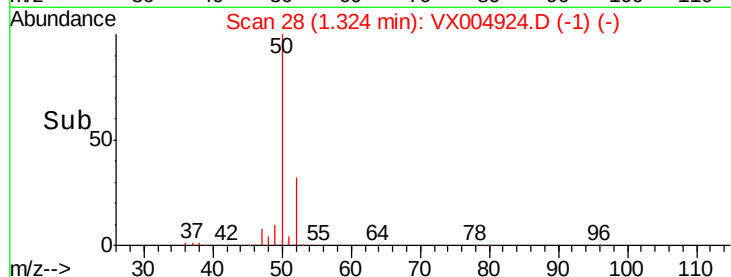
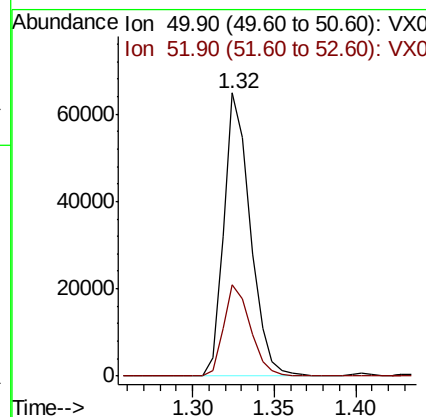
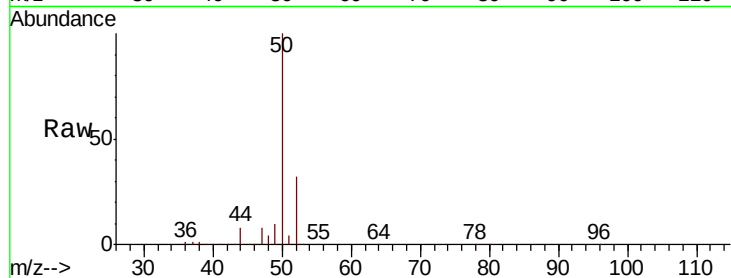
50 100

52 32.4 25.8 38.6

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#4

Vinyl Chloride

Concen: 20.647 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004924.D

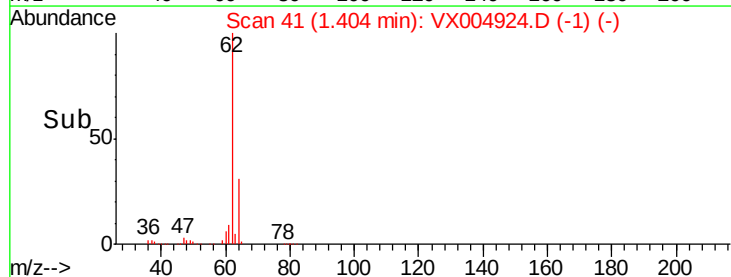
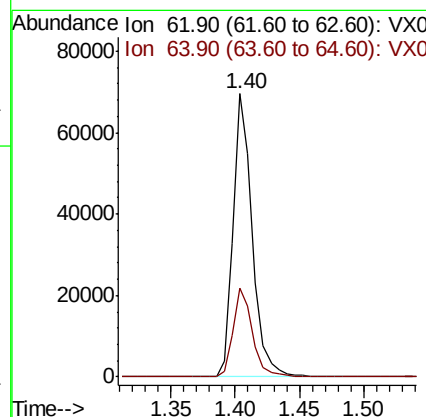
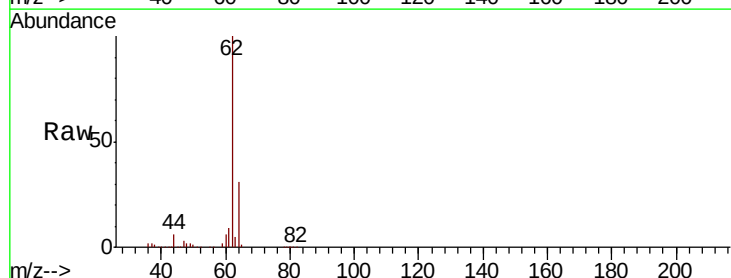
Acq: 02 Oct 2018 17:40

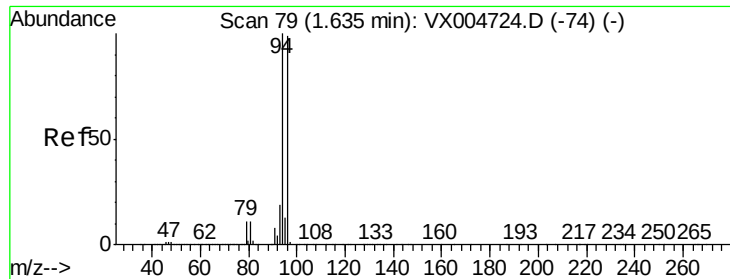
Tgt Ion: 62 Resp: 72929

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 17.959 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 94 Resp: 37615

Ion Ratio Lower Upper

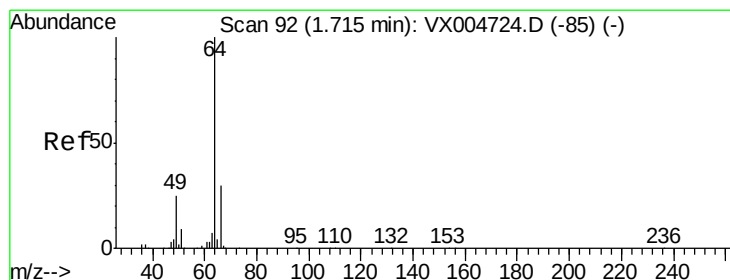
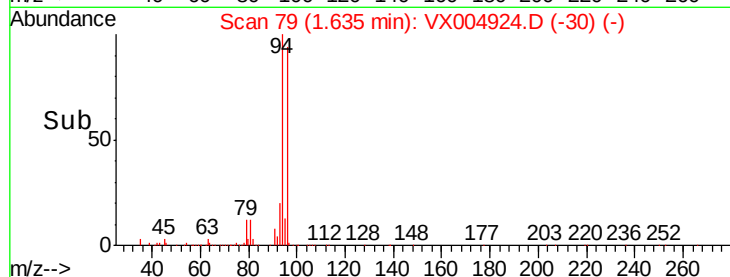
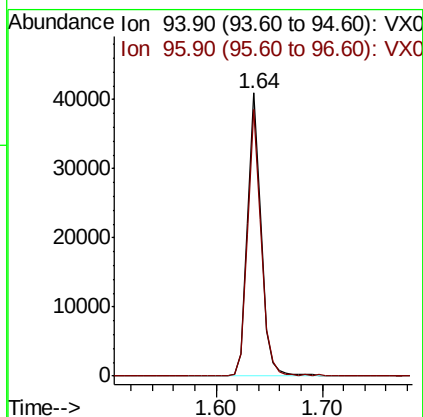
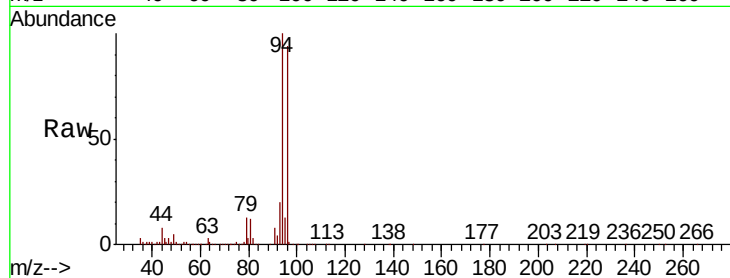
94 100

96 93.9 79.5 119.3

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#6

Chloroethane

Concen: 20.890 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004924.D

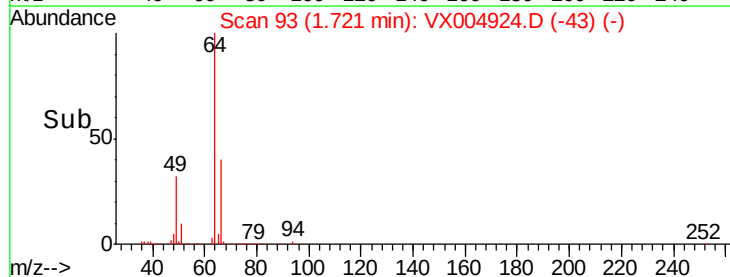
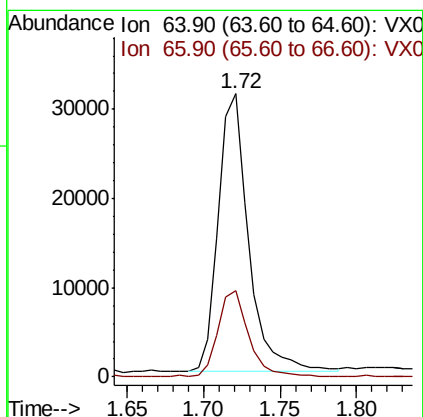
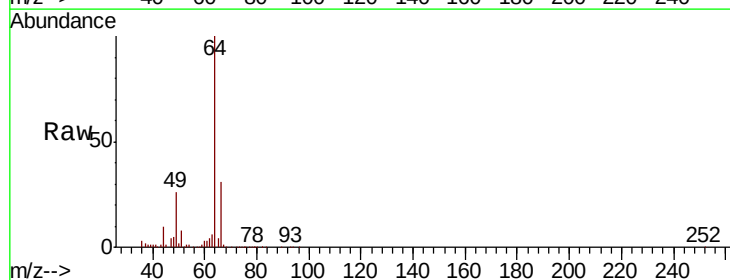
Acq: 02 Oct 2018 17:40

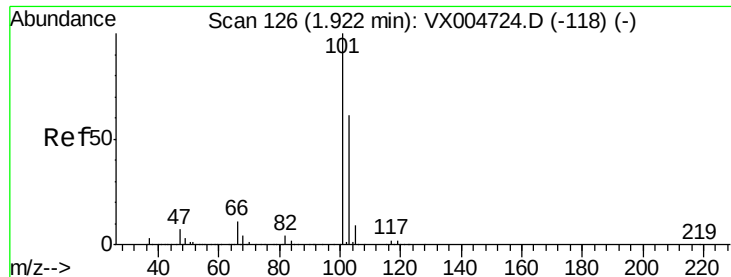
Tgt Ion: 64 Resp: 42821

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6





#7

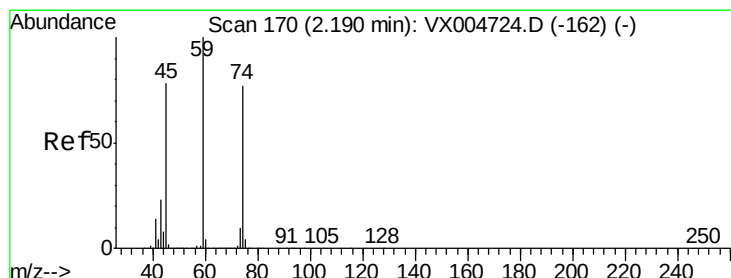
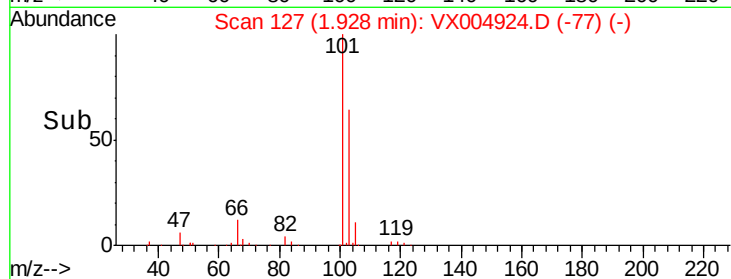
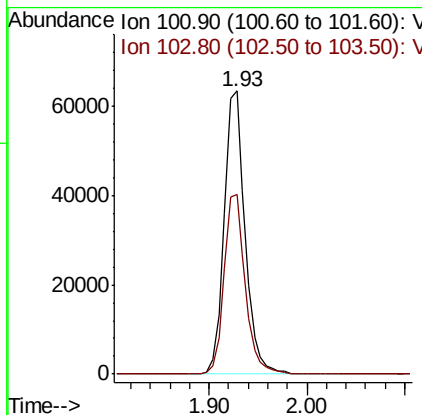
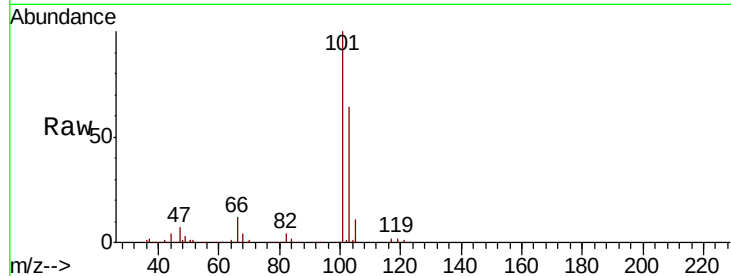
Trichlorofluoromethane
 Concen: 21.431 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
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 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	48.4	72.6

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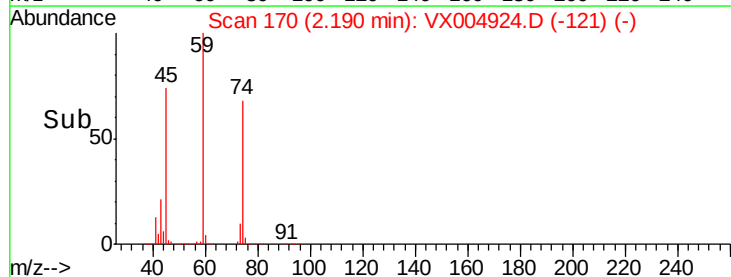
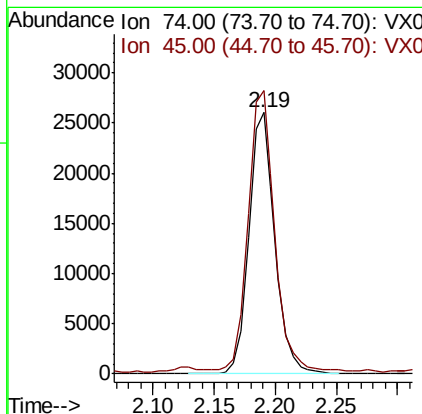
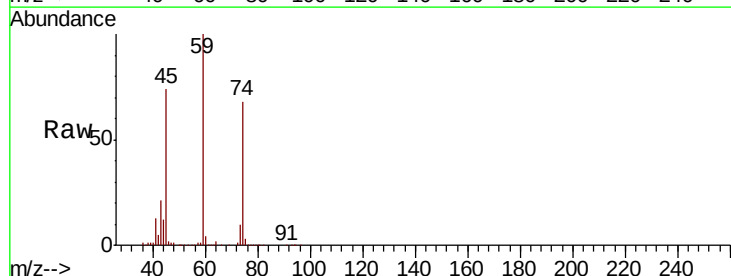
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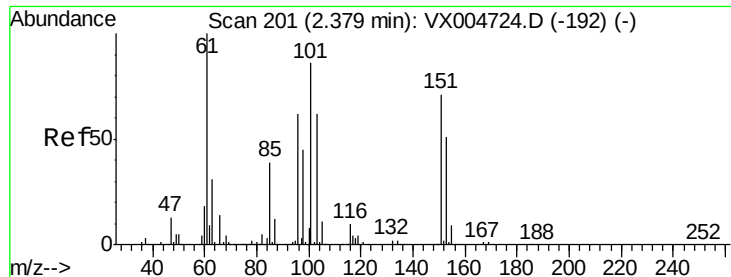


#8

Diethyl Ether
 Concen: 20.197 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.8	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.023 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

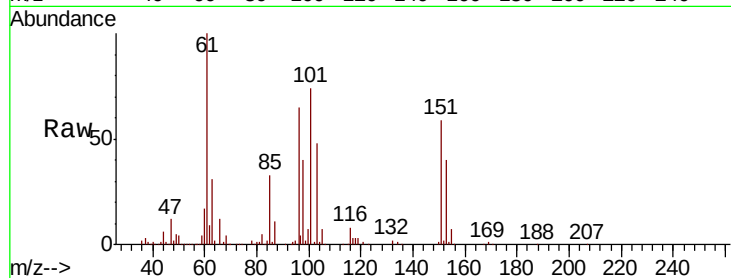
ClientSampleId :

VX1003WBS01

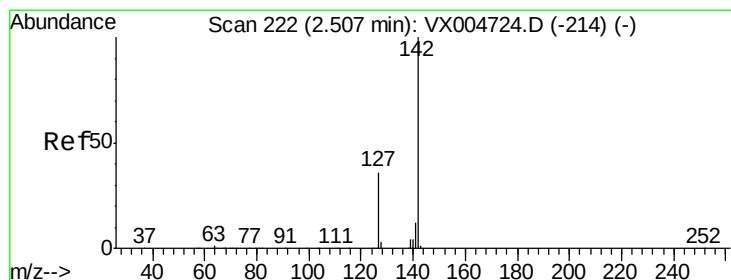
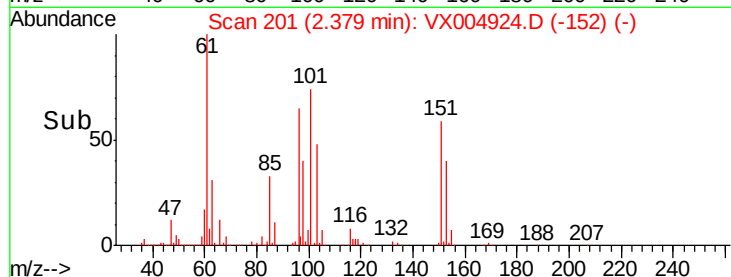
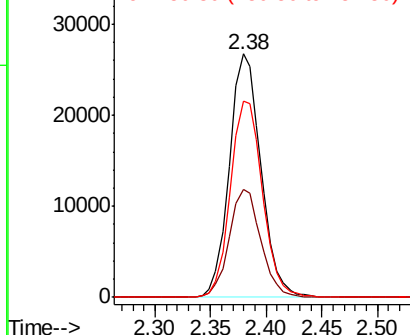
Tot Ion:	101	Resp:	52364
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.9	53.9
151	82.4	66.6	100.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.036 ug/l

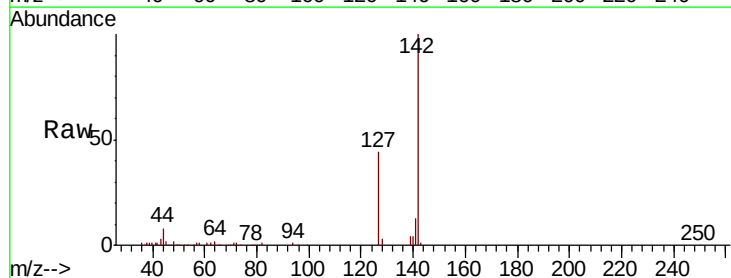
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

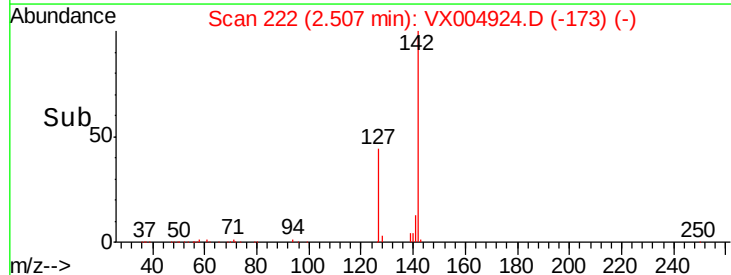
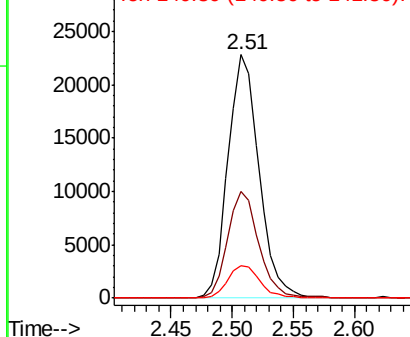
Lab File: VX004924.D

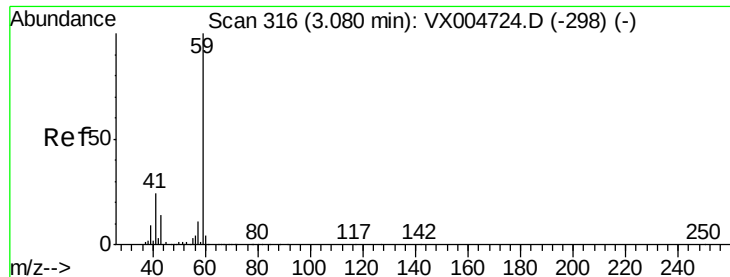
Acq: 02 Oct 2018 17:40

Tgt Ion:	142	Resp:	40118
Ion Ratio	Lower	Upper	
142	100		
127	44.2	30.1	45.1
141	13.8	10.1	15.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





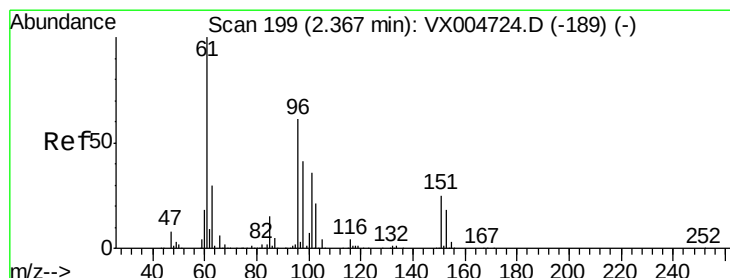
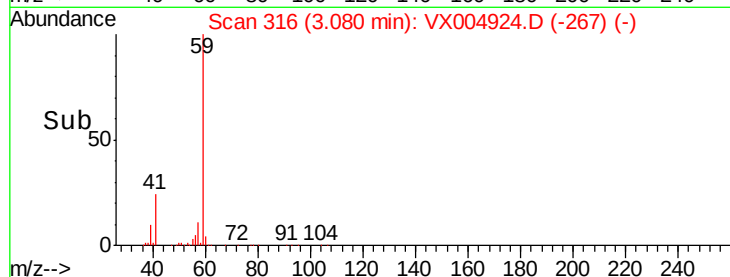
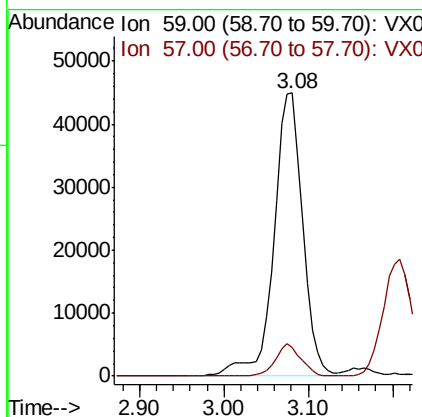
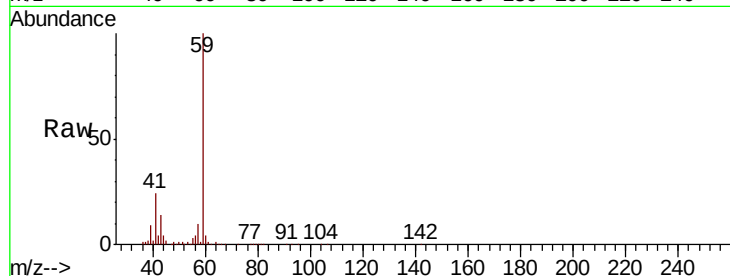
#11
Tert butyl alcohol
Concen: 117.808 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

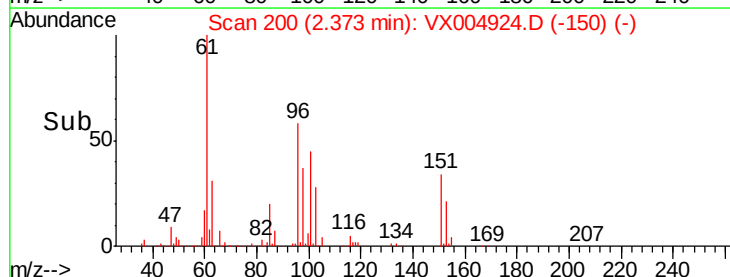
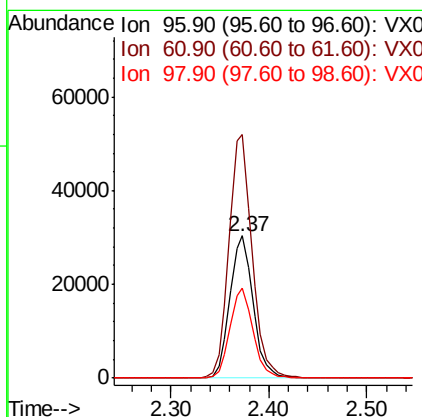
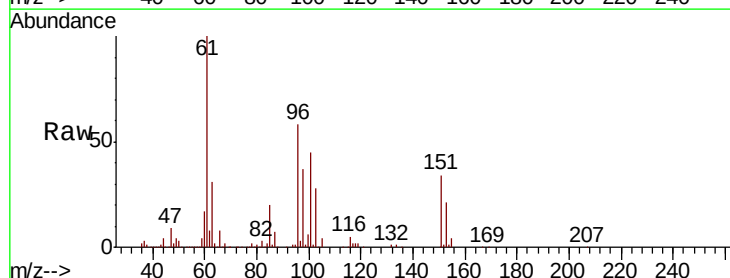
Manual Integrations
APPROVED

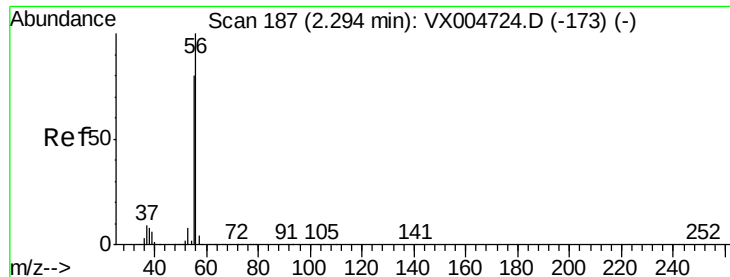
sam
10/3/2018 5:56:35 PM



#12
1,1-Dichloroethene
Concen: 20.336 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.0	130.2	195.4
98	63.1	53.4	80.0





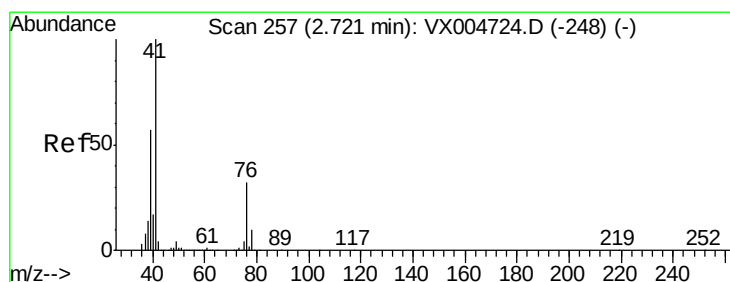
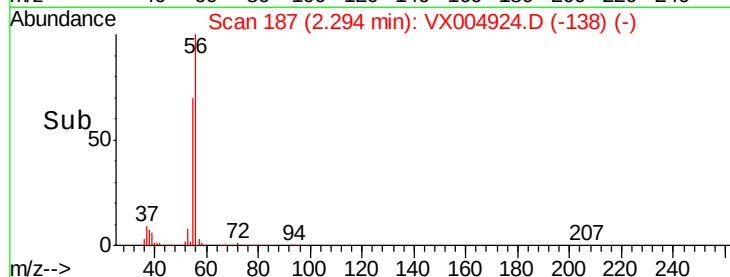
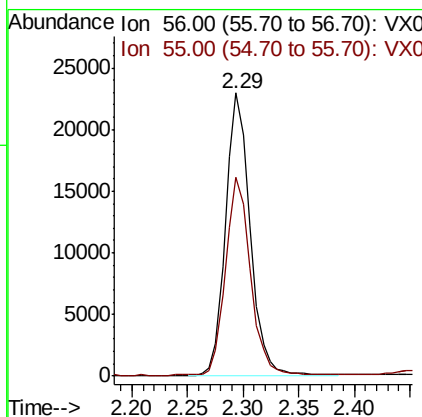
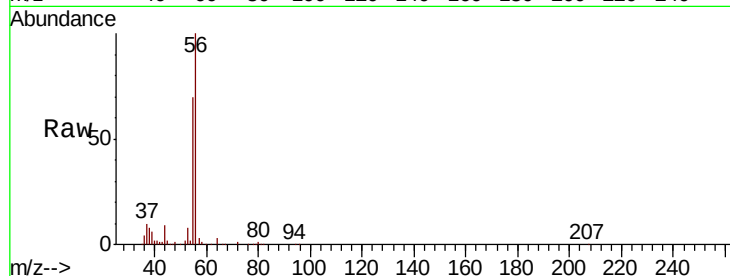
#13
Acrolein
Concen: 54.677 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	63.4	95.2

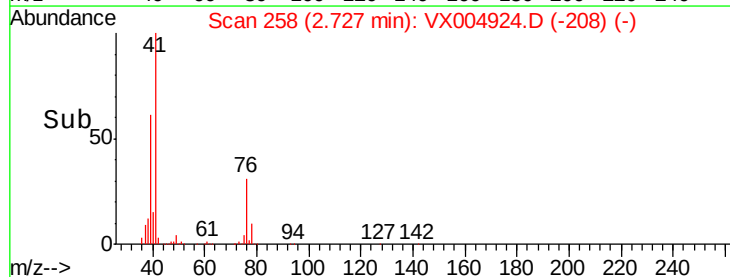
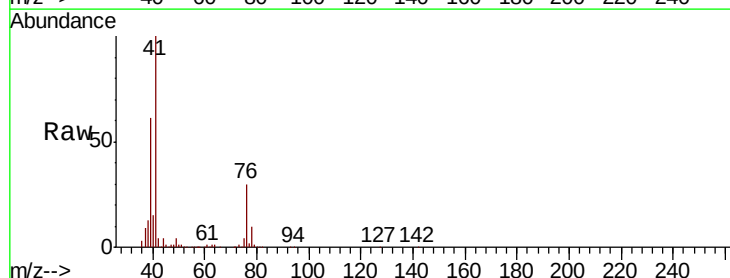
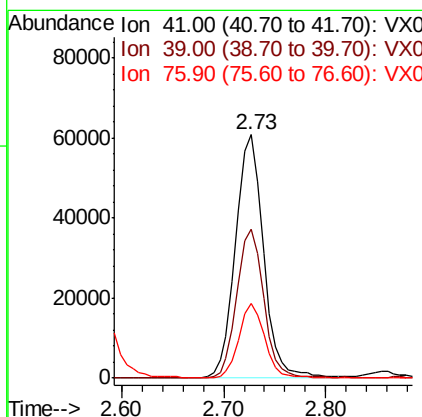
Manual Integrations
APPROVED

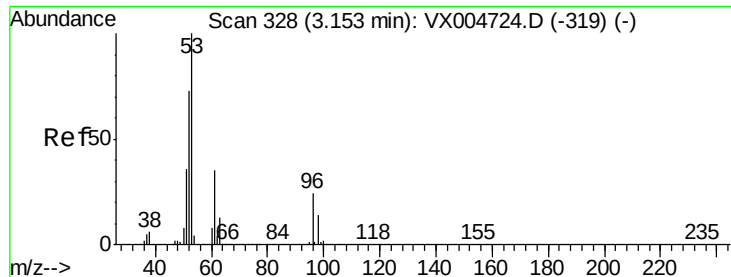
sam
10/3/2018 5:56:35 PM



#14
Allyl chloride
Concen: 21.467 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.6	44.1	66.1
76	28.0	25.0	37.4





#15

Acrylonitrile

Concen: 108.581 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

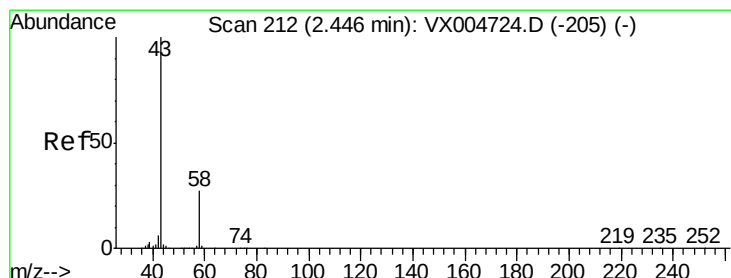
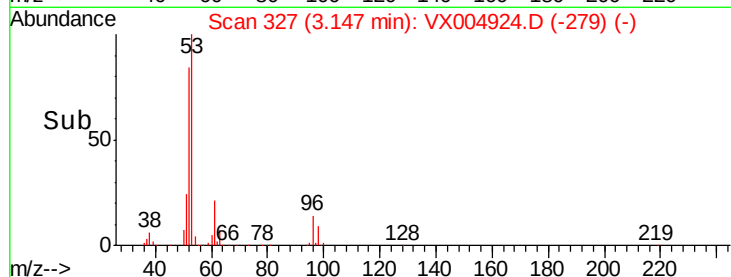
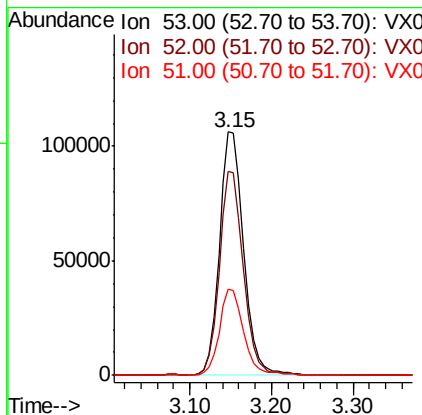
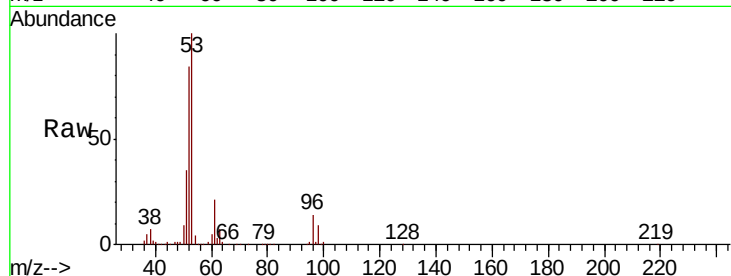
ClientSampled :

VX1003WBS01

Tot Ion:	53	Resp:	217354
Ion Ratio	Lower	Upper	
53	100		
52	83.0	63.0	94.4
51	35.8	28.6	42.8

Manual Integrations
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sam
10/3/2018 5:56:35 PM



#16

Acetone

Concen: 109.884 ug/l

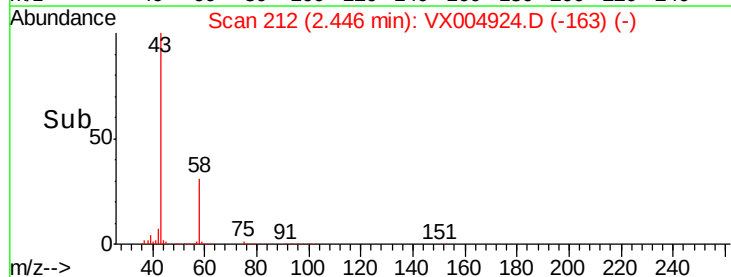
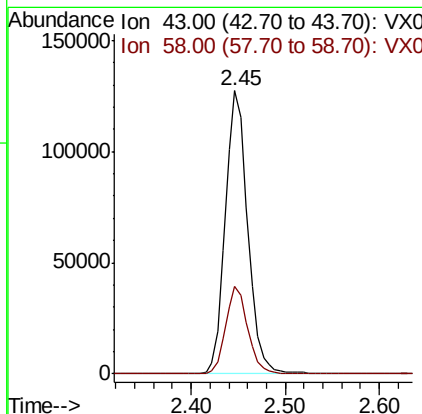
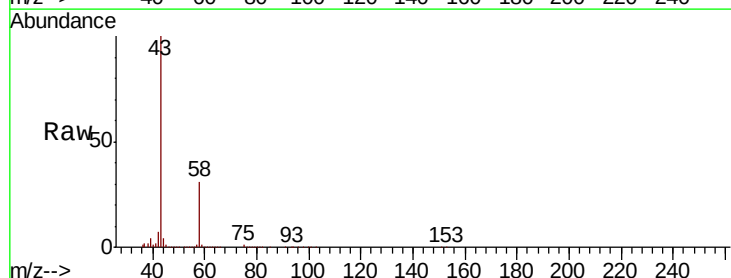
RT: 2.45 min Scan# 212

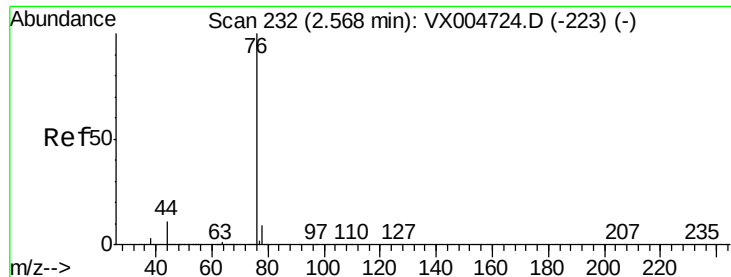
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	43	Resp:	208632
Ion Ratio	Lower	Upper	
43	100		
58	31.0	21.8	32.6





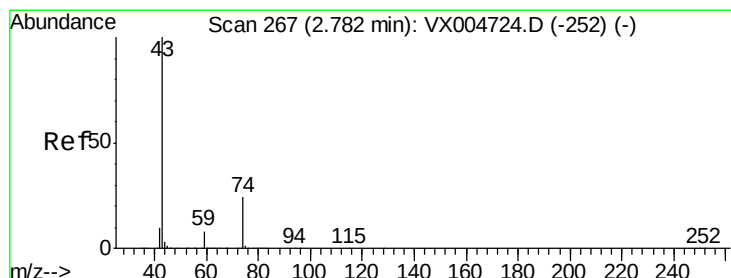
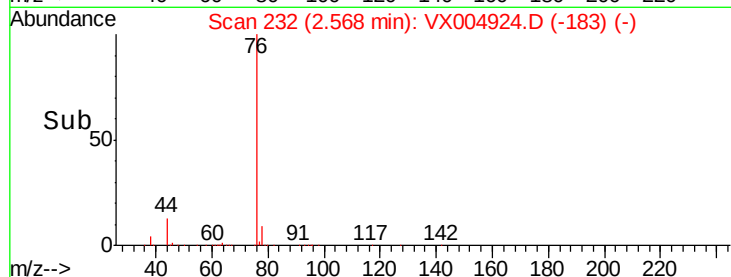
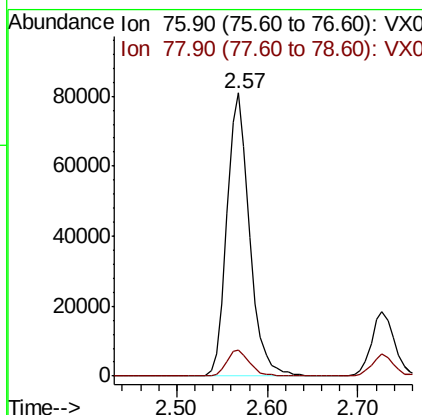
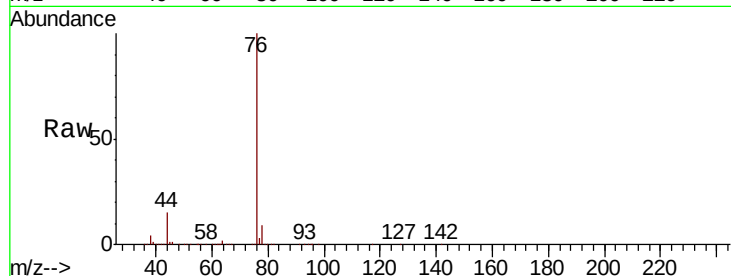
#17
Carbon Disulfide
Concen: 18.868 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

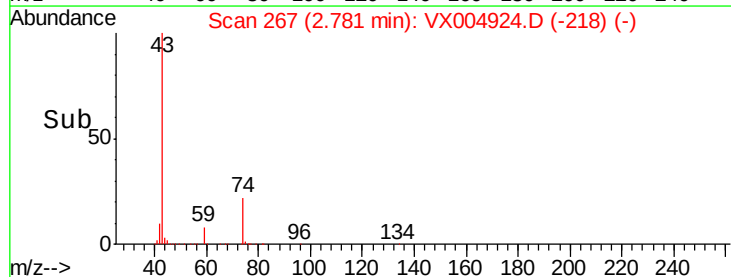
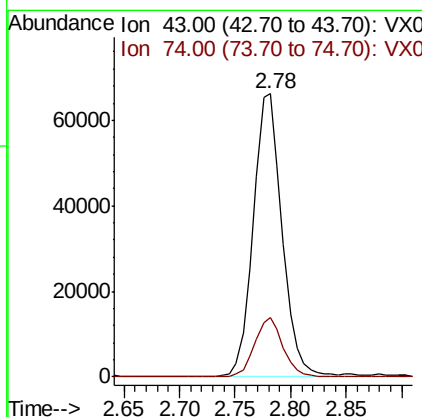
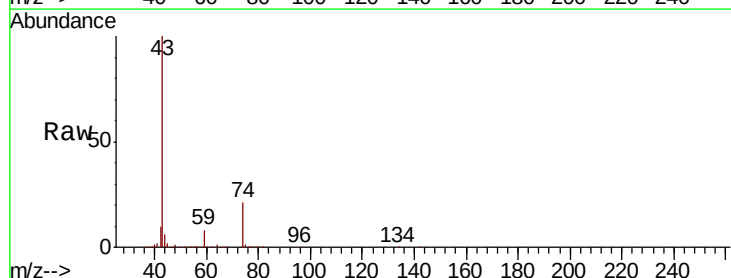
Manual Integrations
APPROVED

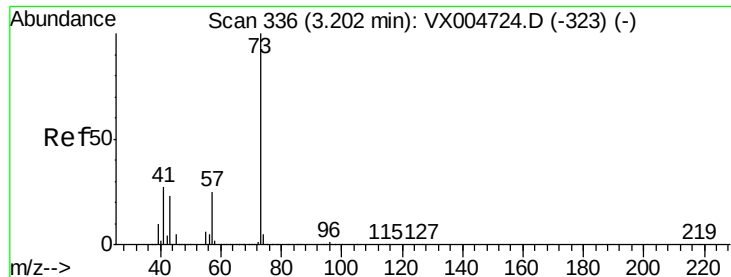
sam
10/3/2018 5:56:35 PM



#18
Methyl Acetate
Concen: 24.628 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.8	26.8





#19

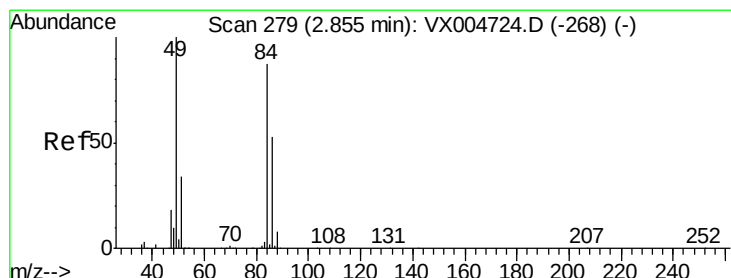
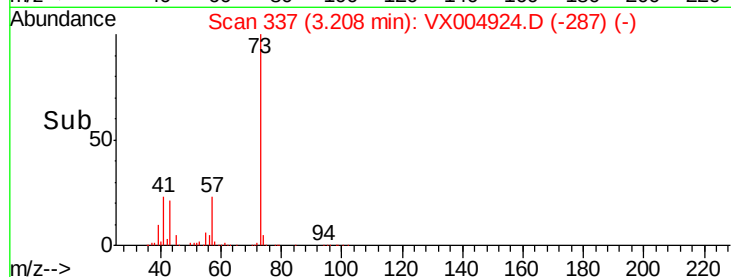
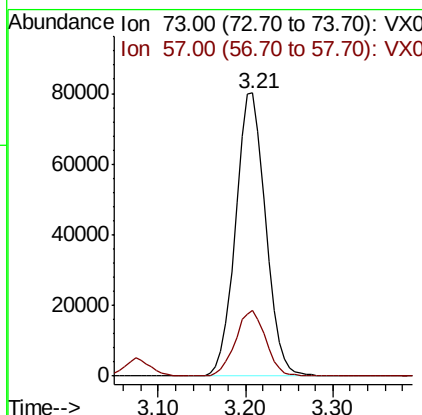
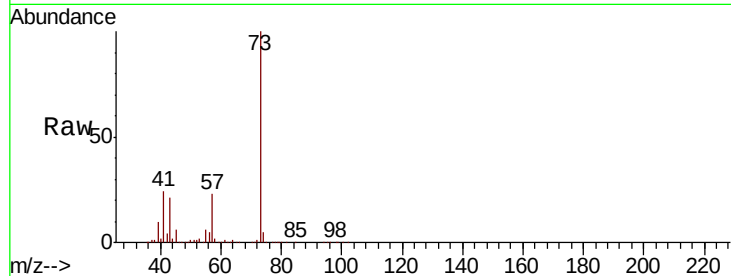
Methyl tert-butyl Ether
 Concen: 22.488 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.9	29.9

Manual Integrations
 APPROVED

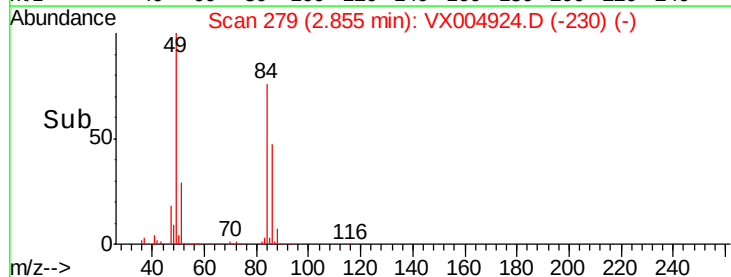
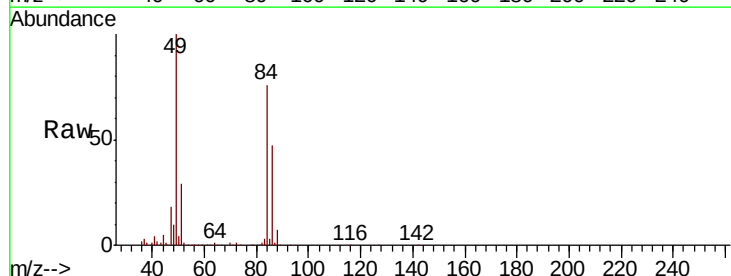
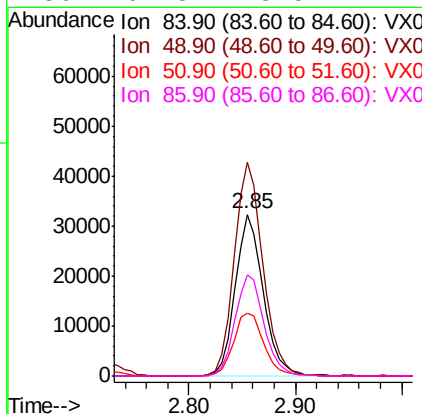
sam
 10/3/2018 5:56:35 PM

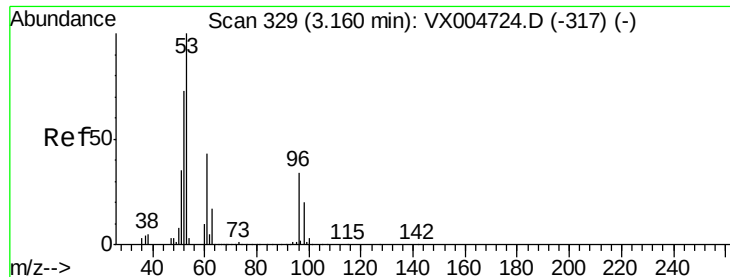


#20

Methylene Chloride
 Concen: 21.166 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	92.3	138.5
51	38.6	31.8	47.6
86	62.3	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 20.059 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

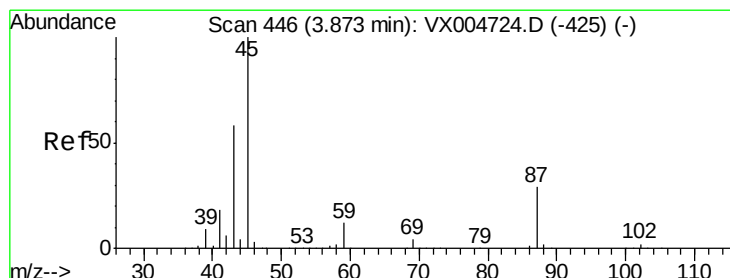
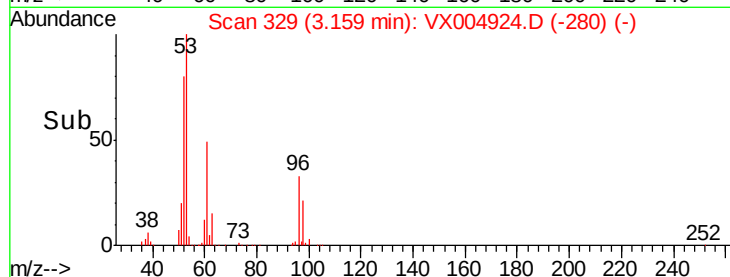
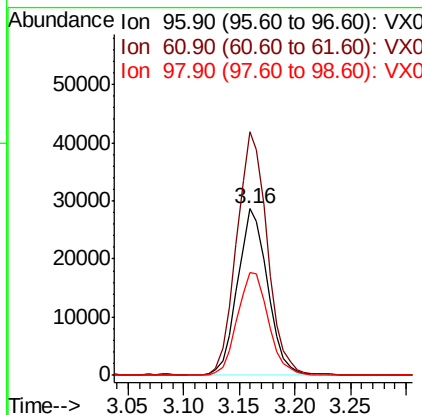
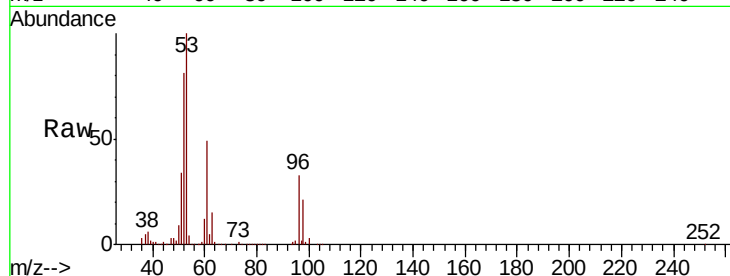
ClientSampled :

VX1003WBS01

Tot Ion:	96	Resp:	54165
Ion	Ratio	Lower	Upper
96	100		
61	146.1	101.0	151.6
98	61.9	47.2	70.8

Manual Integrations
APPROVED

sam
10/3/2018 5:56:35 PM



#22

Diisopropyl ether

Concen: 21.322 ug/l

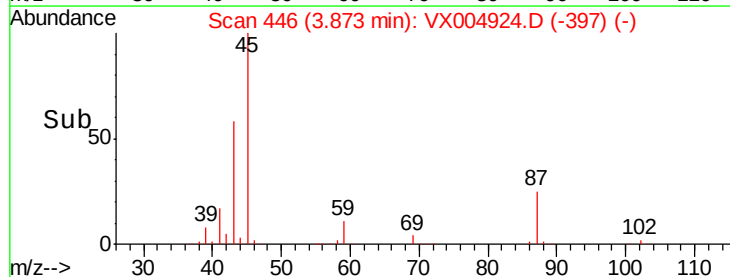
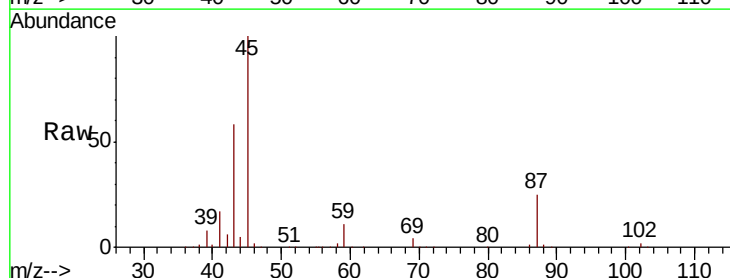
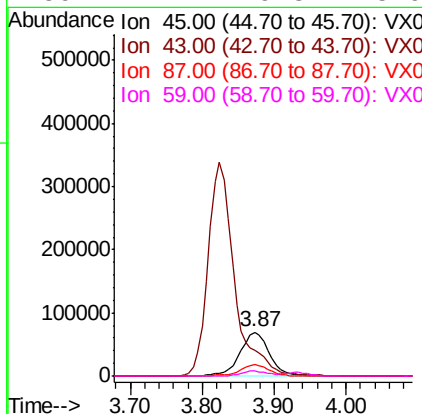
RT: 3.87 min Scan# 446

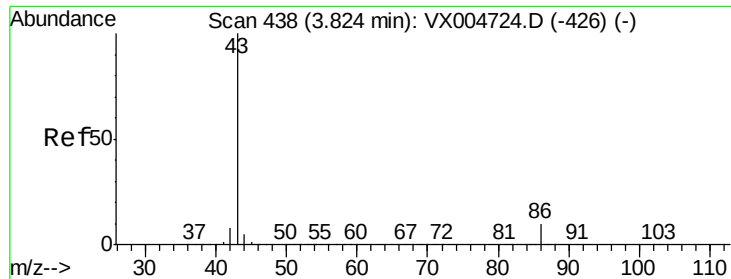
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	45	Resp:	193248
Ion	Ratio	Lower	Upper
45	100		
43	57.1	46.7	70.1
87	25.1	22.9	34.3
59	11.1	9.3	13.9





#23

Vinyl Acetate

Concen: 104.279 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 43 Resp: 865118

Ion Ratio Lower Upper

43 100

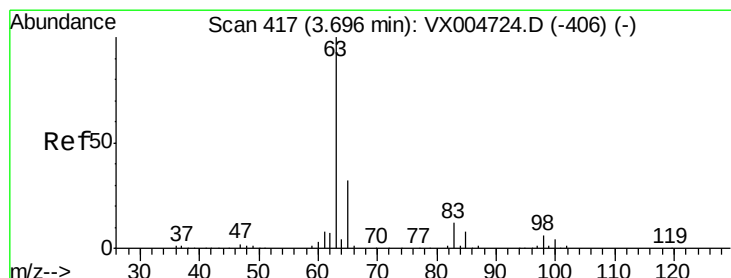
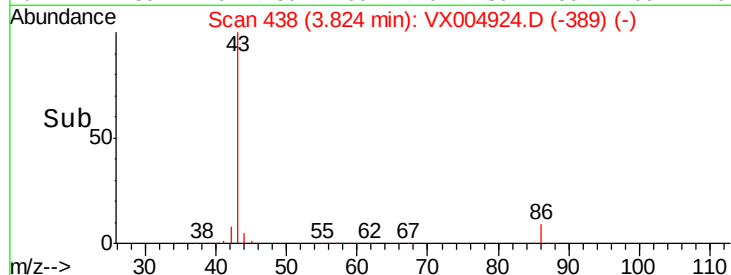
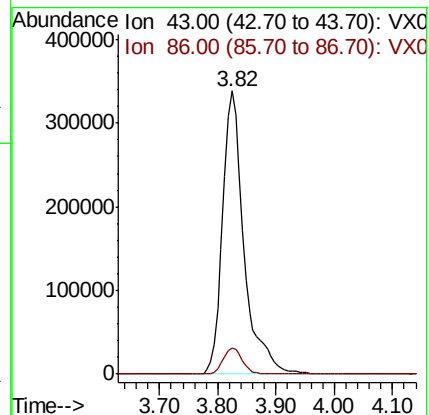
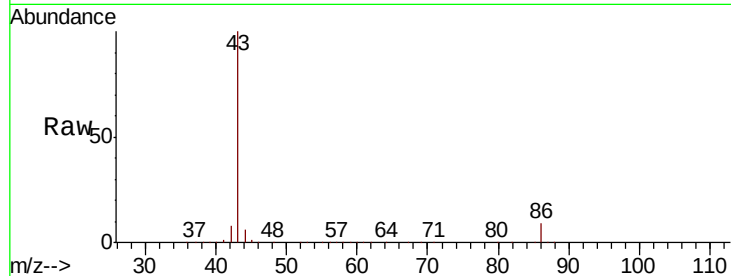
86 9.4 8.1 12.1

Manual Integrations

APPROVED

sam

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#24

1,1-Dichloroethane

Concen: 20.654 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

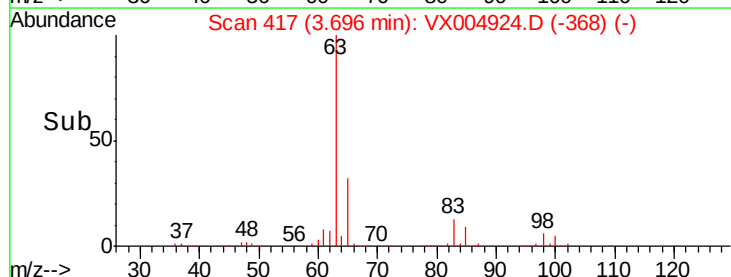
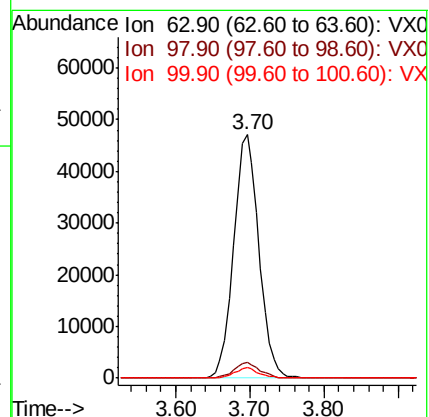
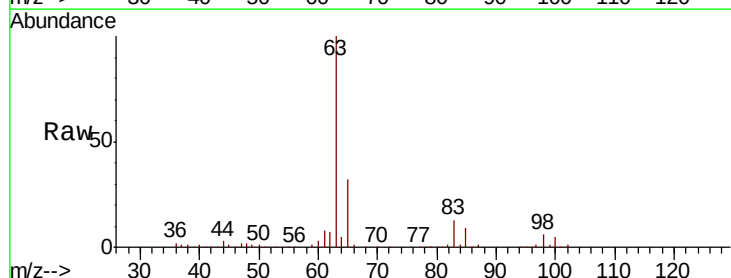
Tgt Ion: 63 Resp: 111665

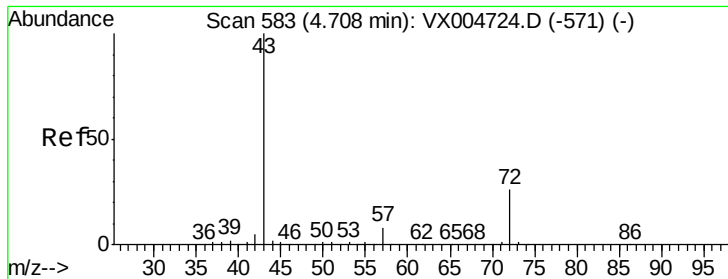
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 107.567 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 43 Resp: 301045

Ion Ratio Lower Upper

43 100

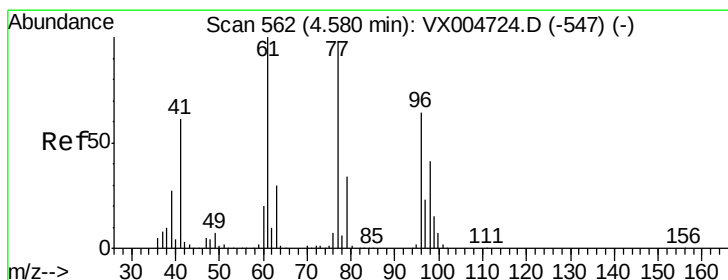
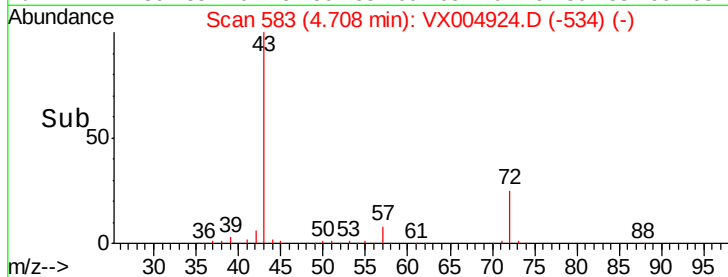
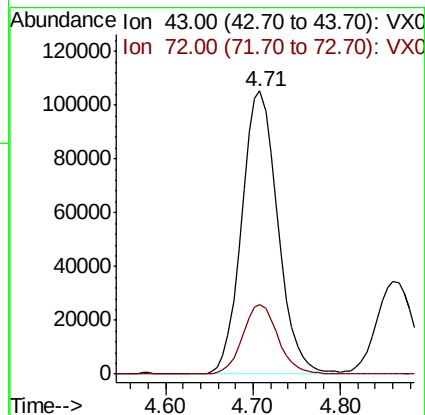
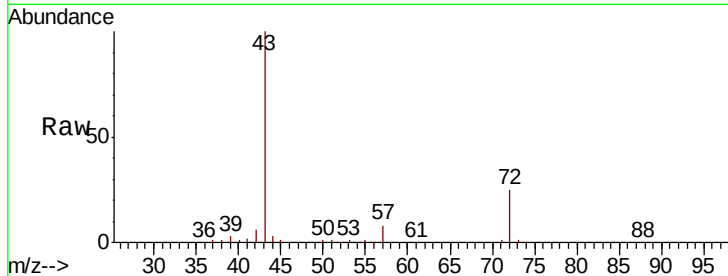
72 24.5 20.8 31.2

Manual Integrations

APPROVED

sam

10/3/2018 5:56:35 PM



#26

2,2-Dichloropropane

Concen: 21.037 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004924.D

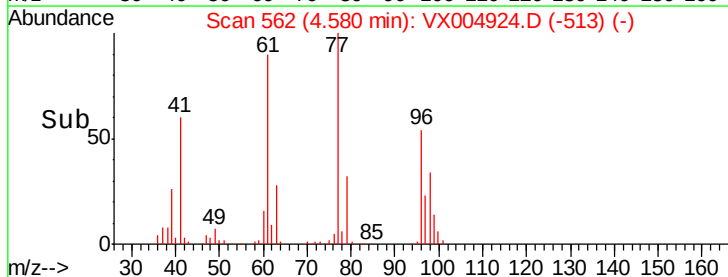
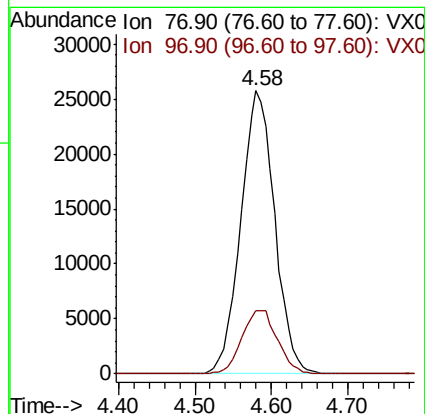
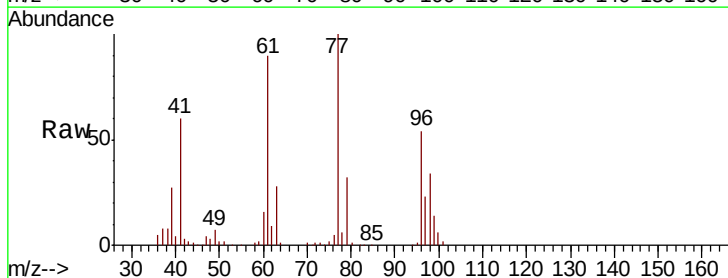
Acq: 02 Oct 2018 17:40

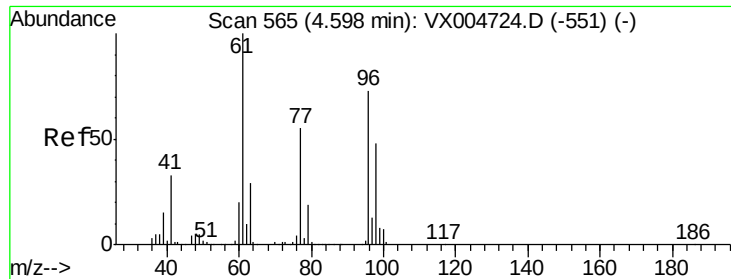
Tgt Ion: 77 Resp: 79199

Ion Ratio Lower Upper

77 100

97 23.7 12.6 37.8





#27

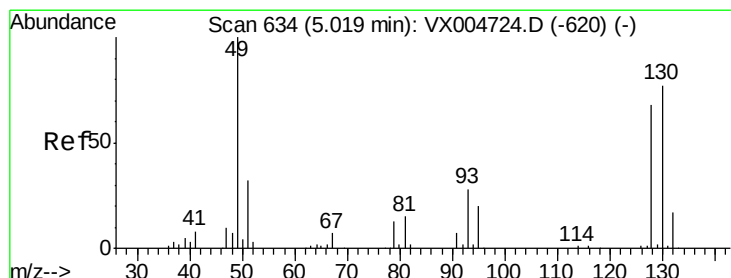
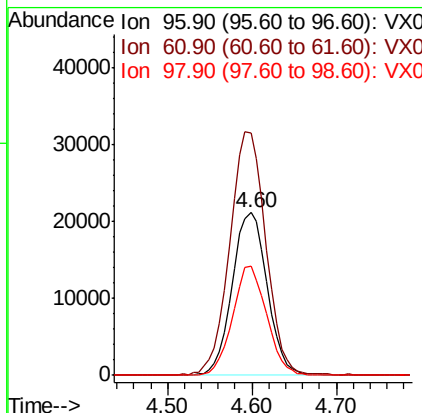
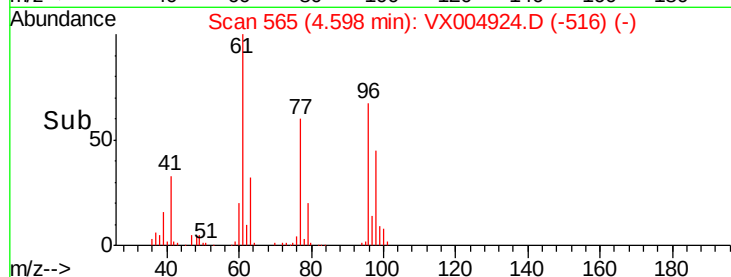
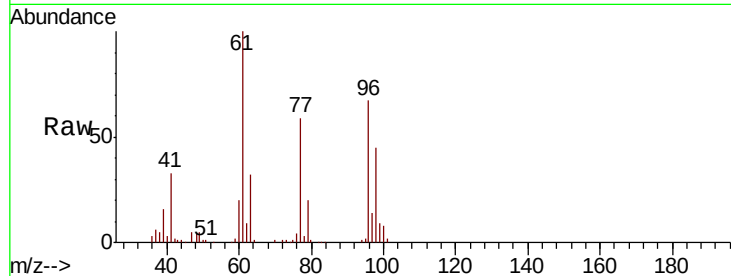
cis-1,2-Dichloroethene
 Concen: 19.683 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	285.8
98	65.2	0.0	136.2

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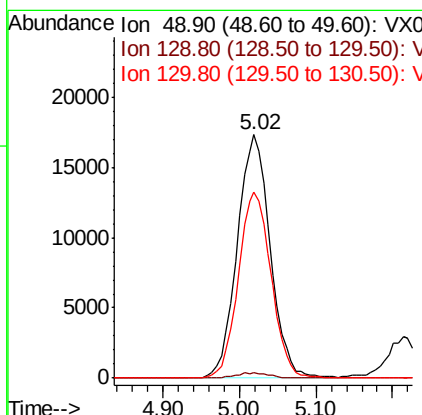
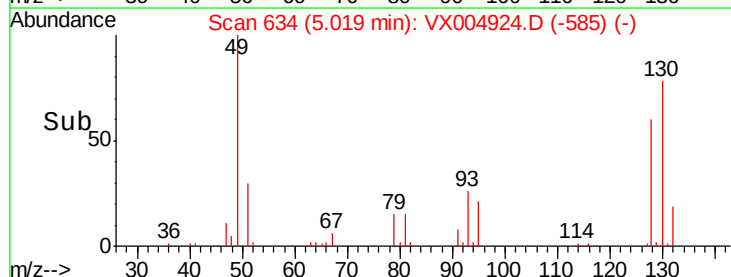
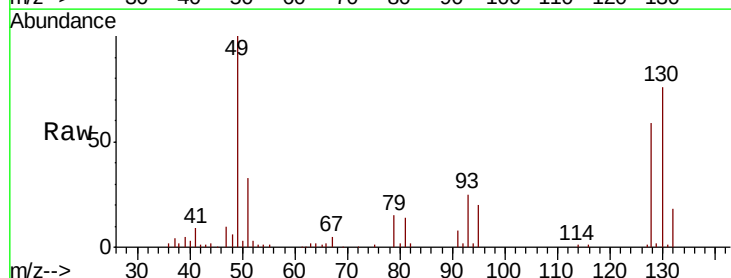
sam
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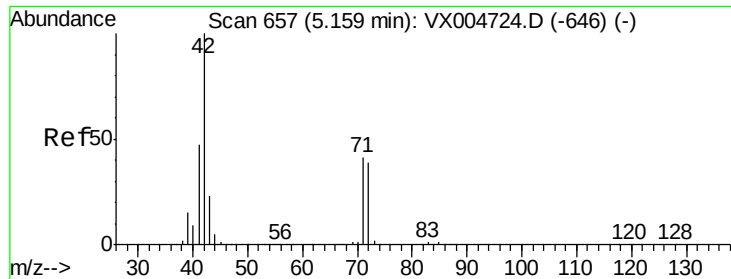


#28

Bromochloromethane
 Concen: 20.377 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.6	62.0	93.0





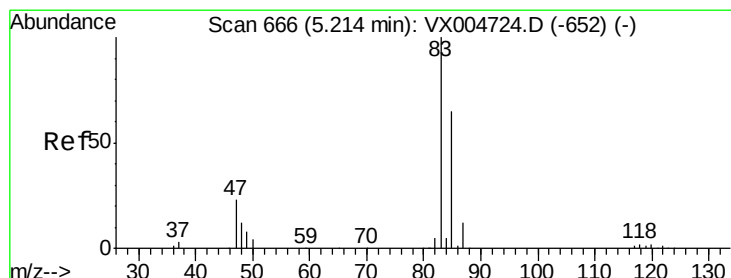
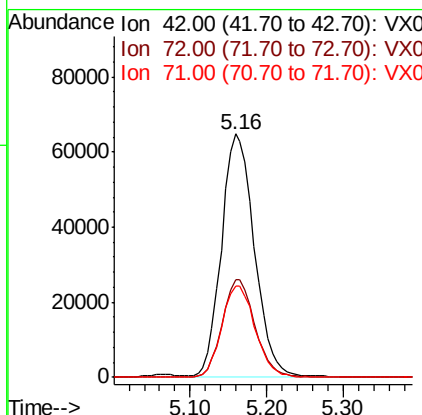
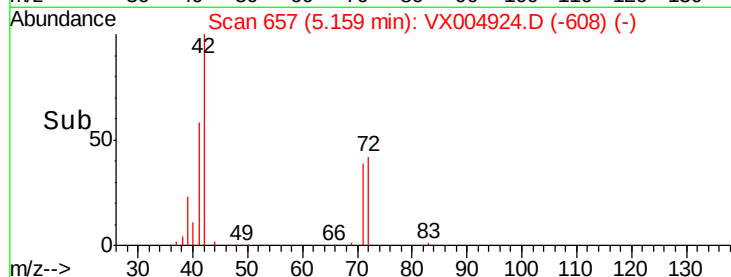
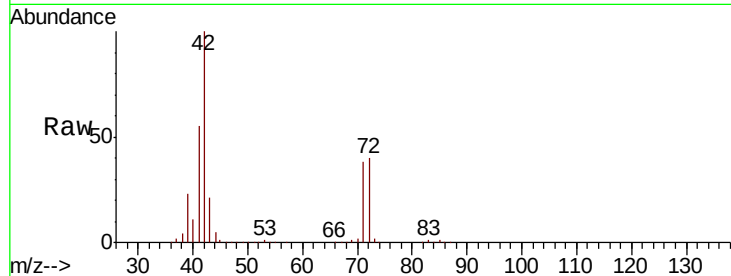
#29
Tetrahydrofuran
Concen: 110.368 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	33.7	50.5
71	38.4	32.2	48.4

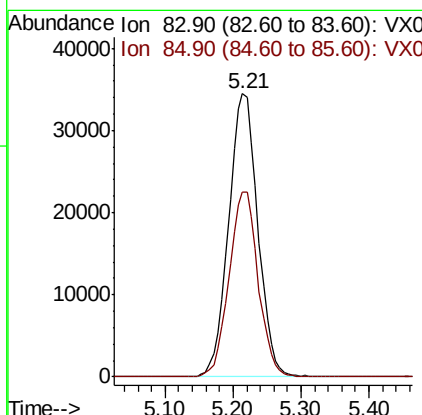
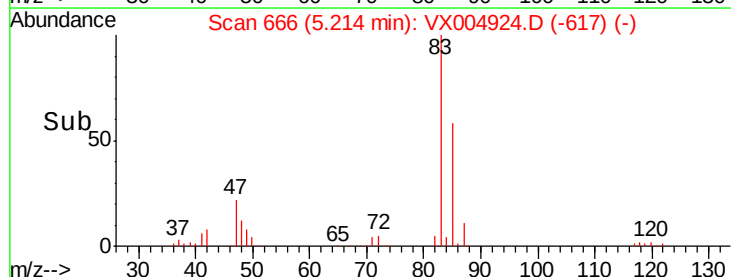
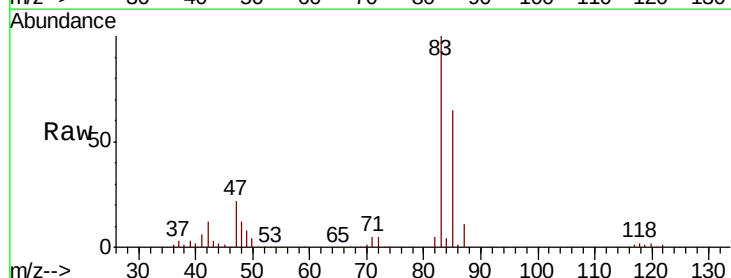
Manual Integrations
APPROVED

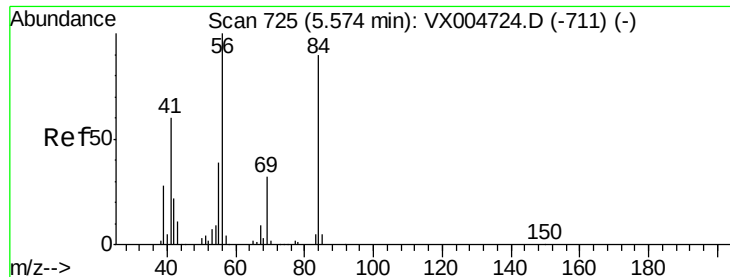
sam
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#30
Chloroform
Concen: 20.070 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.4	78.6





#31

Cyclohexane

Concen: 21.127 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

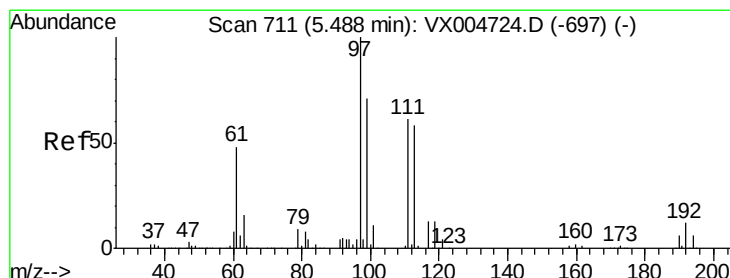
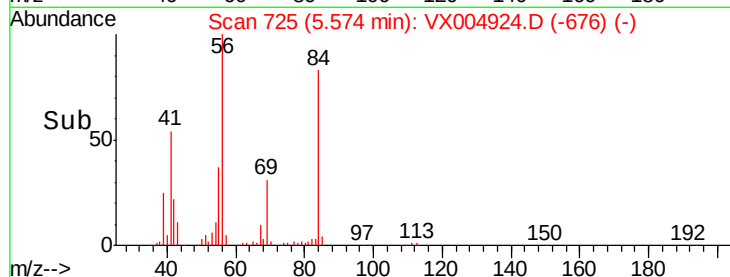
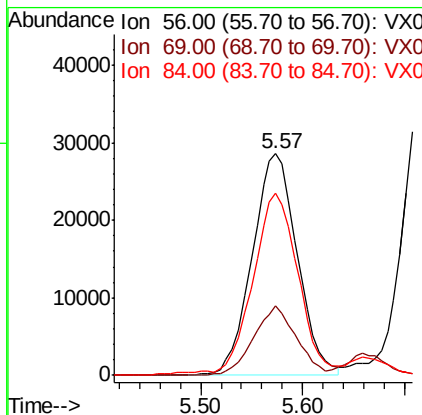
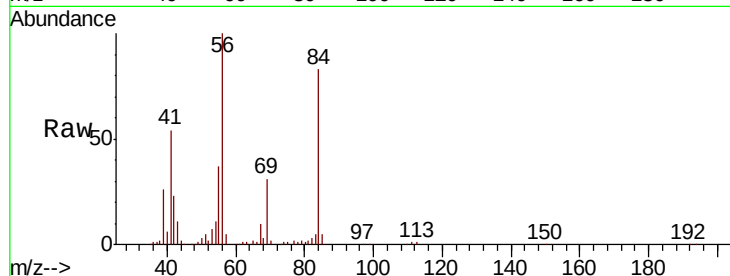
ClientSampled :

VX1003WBS01

Tot Ion:	56	Resp:	87422
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	81.3	71.9	107.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.466 ug/l

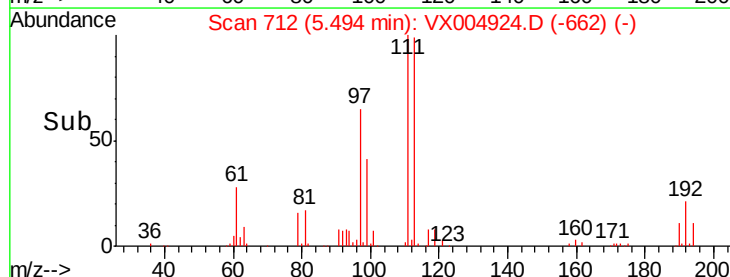
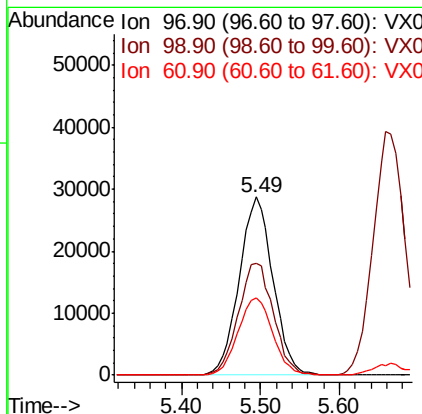
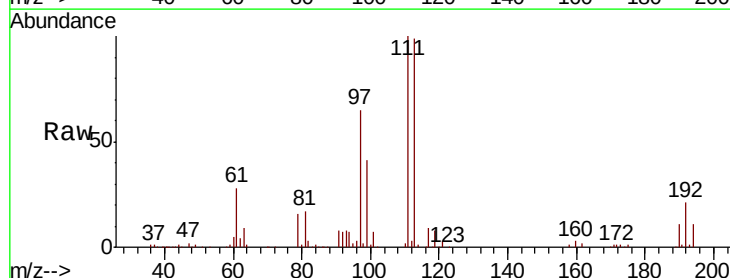
RT: 5.49 min Scan# 712

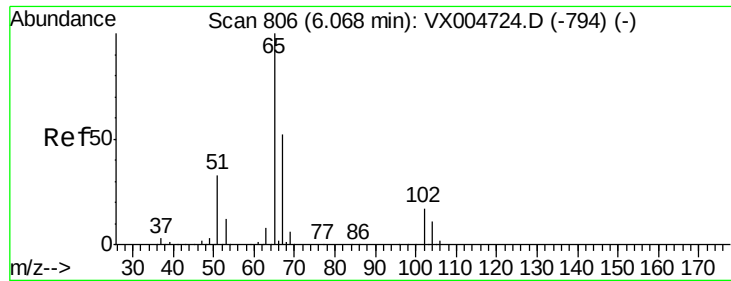
Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	97	Resp:	85401
Ion	Ratio	Lower	Upper
97	100		
99	65.3	54.6	82.0
61	44.9	37.5	56.3





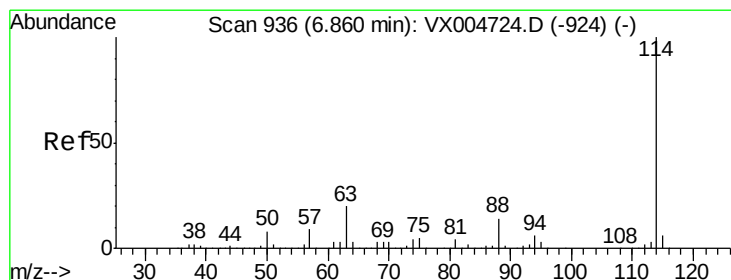
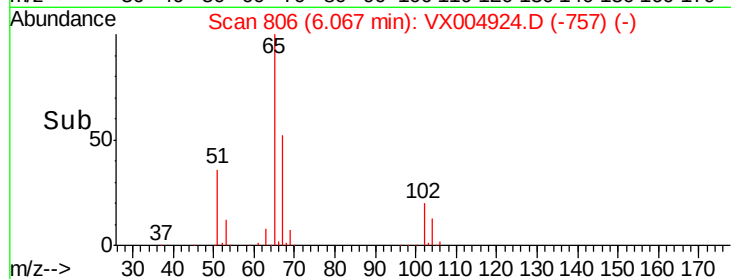
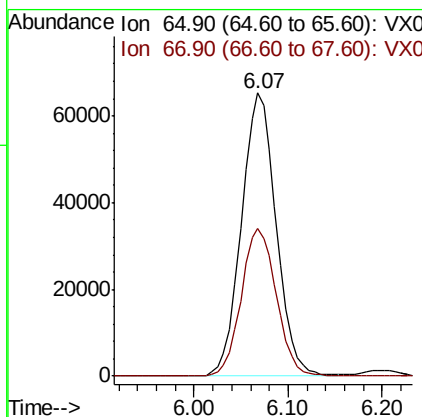
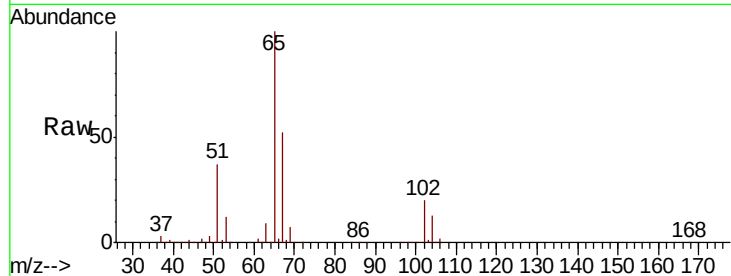
#33
 1,2-Dichloroethane-d4
 Concen: 51.679 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.4

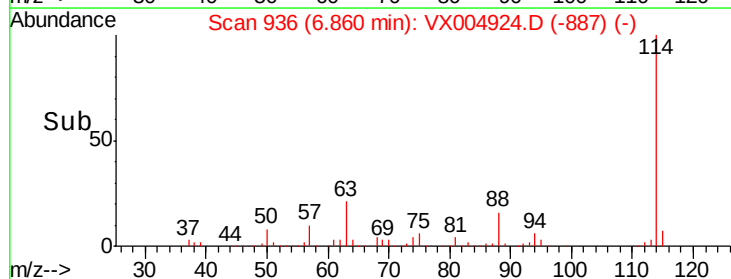
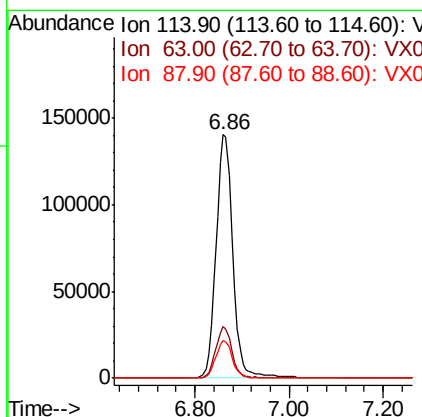
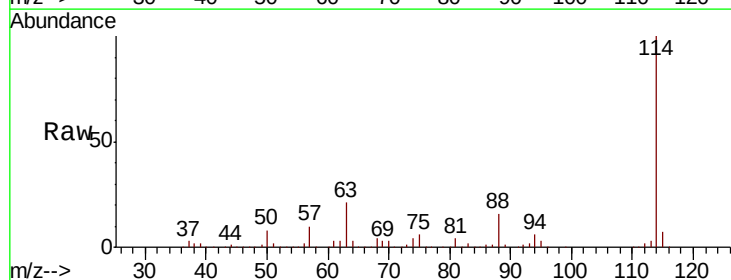
Manual Integrations
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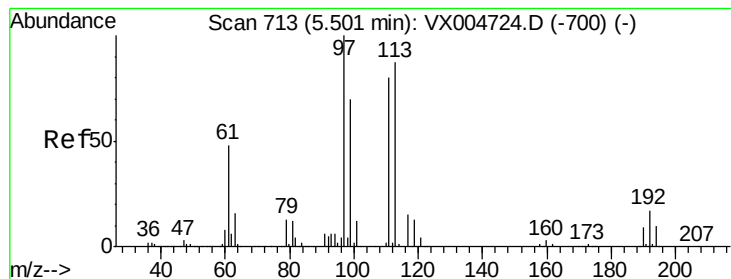
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.8
88	15.7	0.0	27.0





#35

Dibromofluoromethane

Concen: 46.308 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

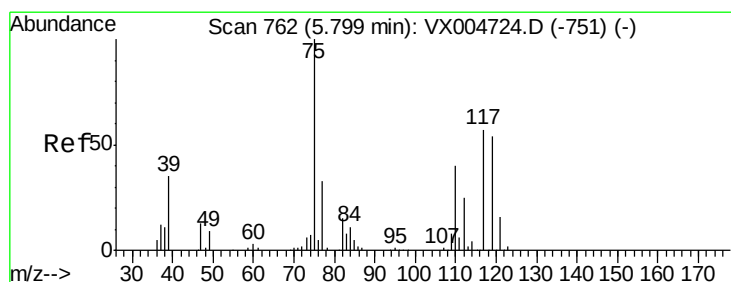
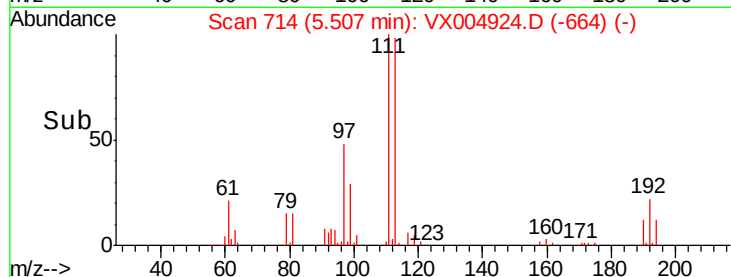
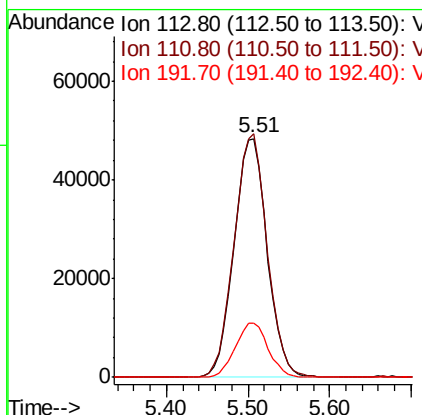
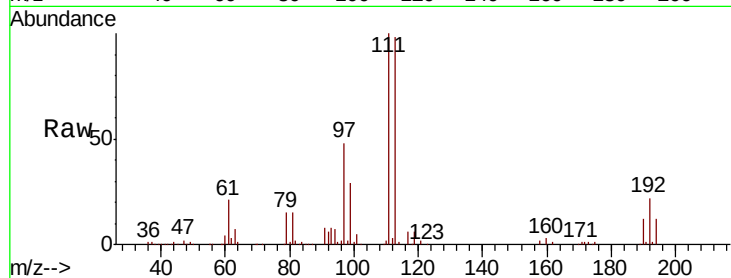
ClientSampled :

VX1003WBS01

Tot Ion:	113	Resp:	136255
Ion Ratio	Lower	Upper	
113	100		
111	101.5	77.0	115.4
192	22.8	17.0	25.6

Manual Integrations
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sam
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#36

1,1-Dichloropropene

Concen: 18.154 ug/l

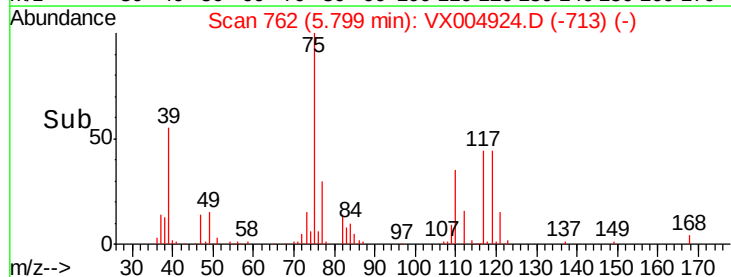
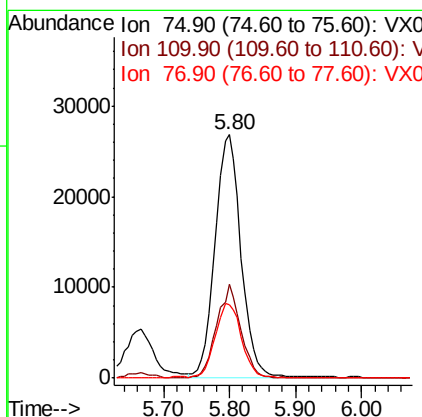
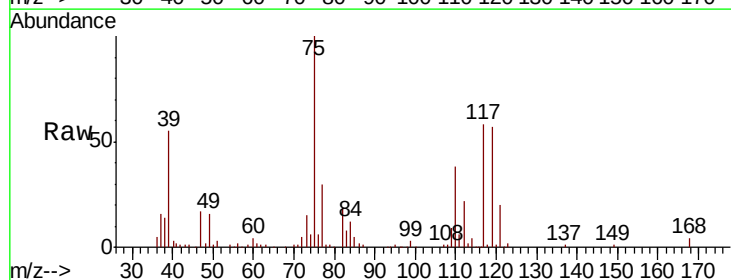
RT: 5.80 min Scan# 762

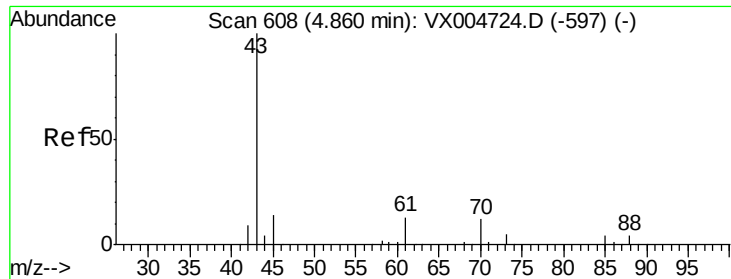
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	75	Resp:	72881
Ion Ratio	Lower	Upper	
75	100		
110	35.8	20.0	59.9
77	31.3	27.1	40.7





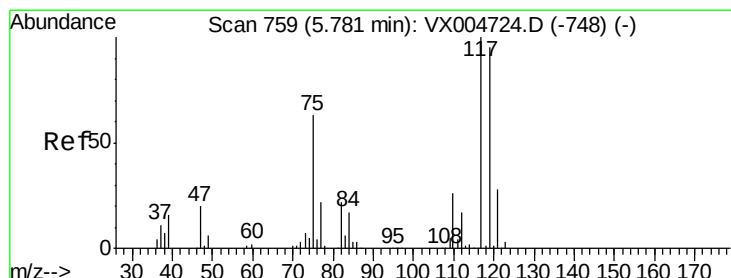
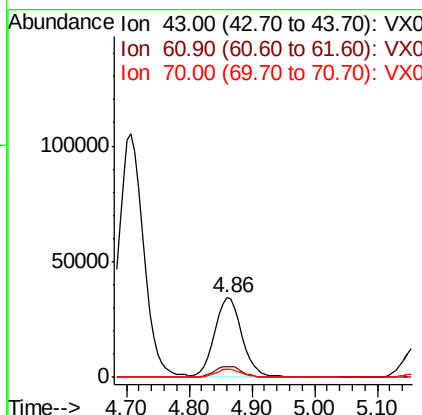
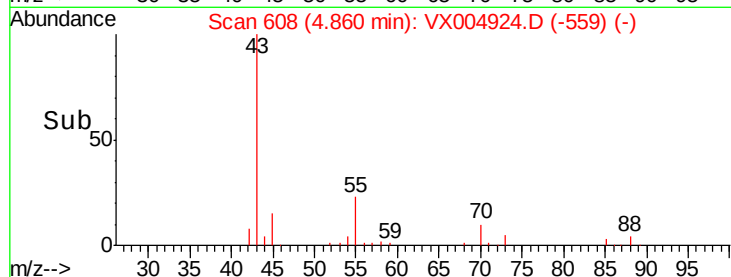
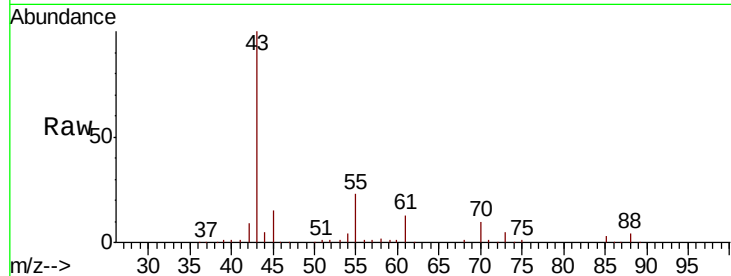
#37
Ethyl Acetate
Concen: 19.538 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	10.0	8.7	13.1

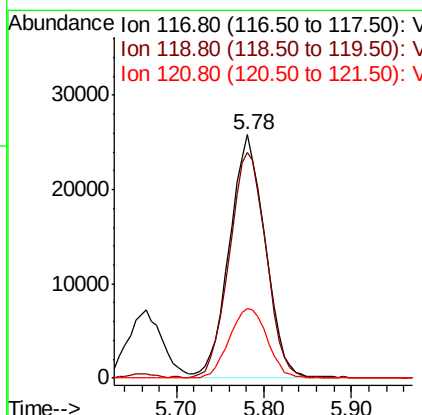
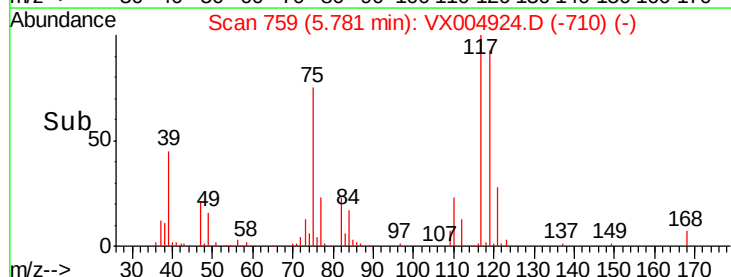
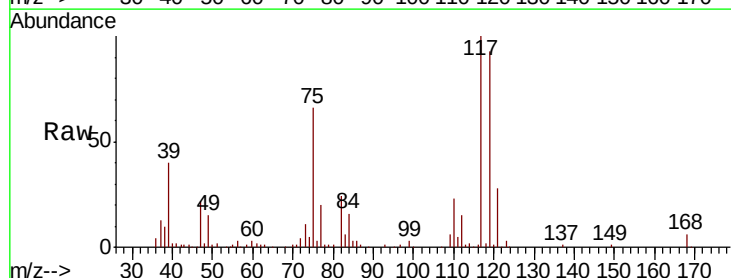
Manual Integrations
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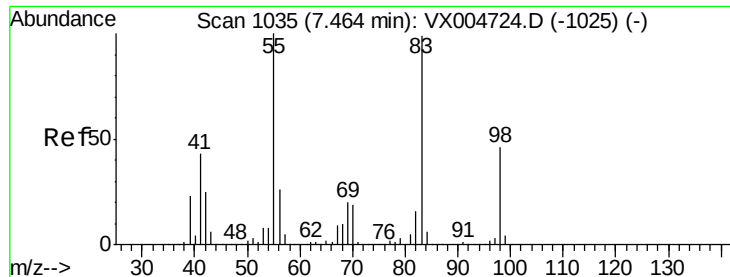
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#38
Carbon Tetrachloride
Concen: 17.313 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.2	112.8
121	28.5	22.5	33.7





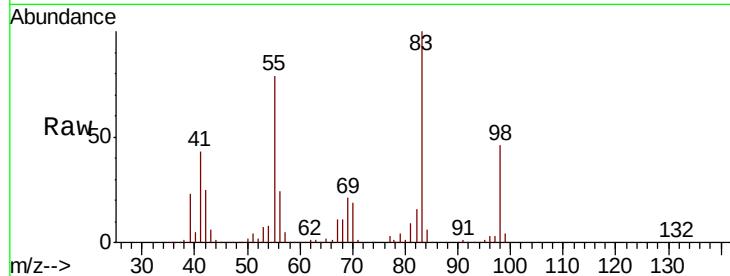
#39
Methylvlcyclohexane
Concen: 19.866 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	81.1	121.7#
98	46.1	37.3	55.9

Manual Integrations
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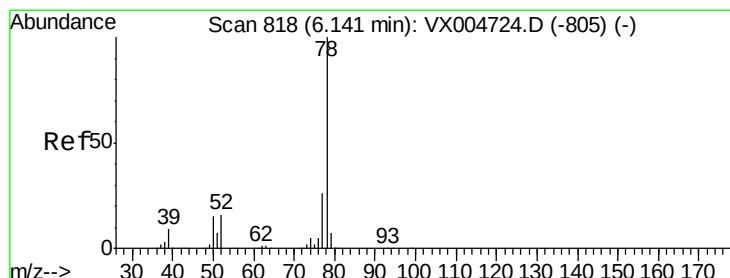
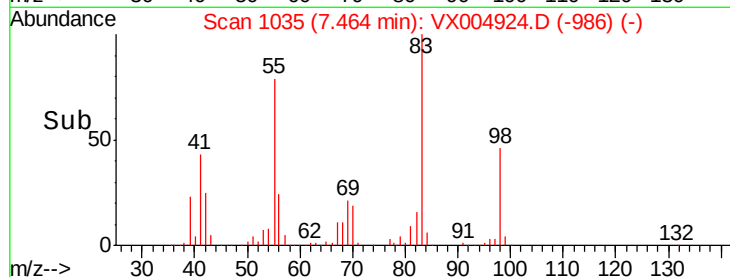
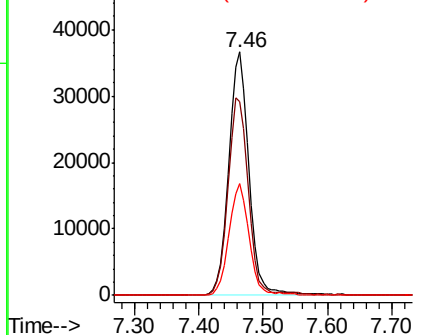


Abundance

Ion 83.00 (82.70 to 83.70): VX0

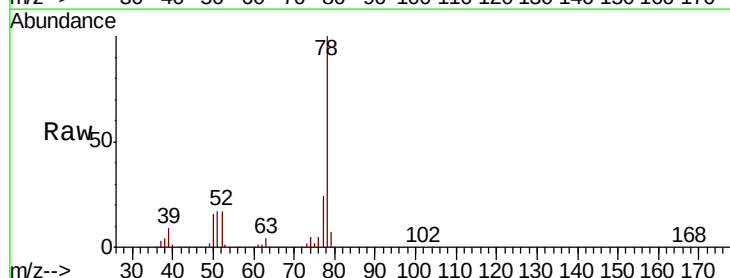
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 18.277 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

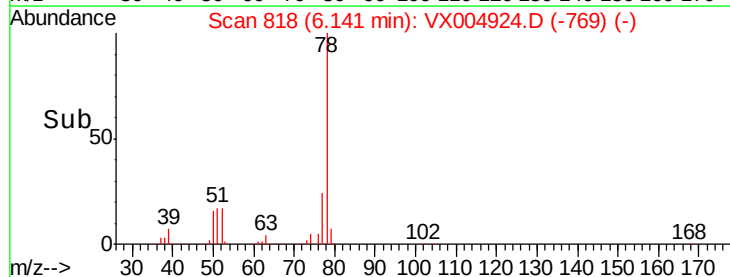
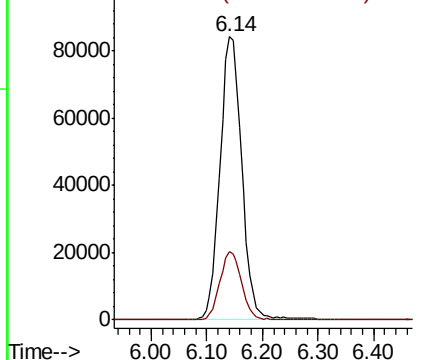
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	21.0	31.4

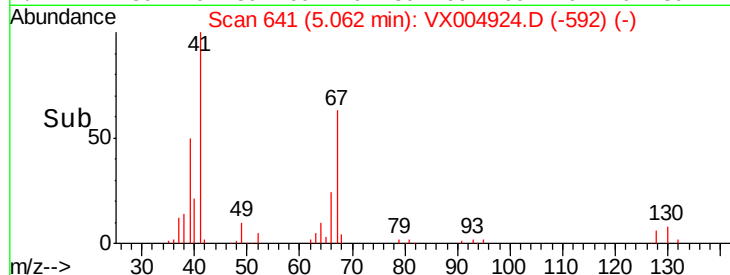
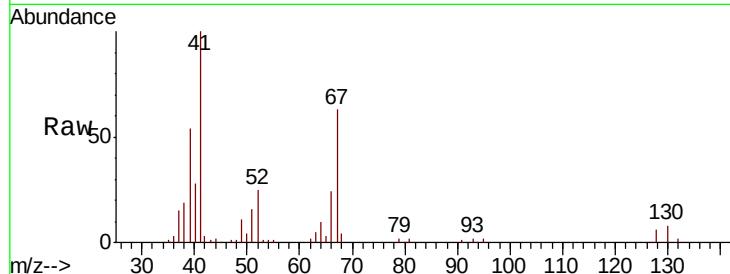
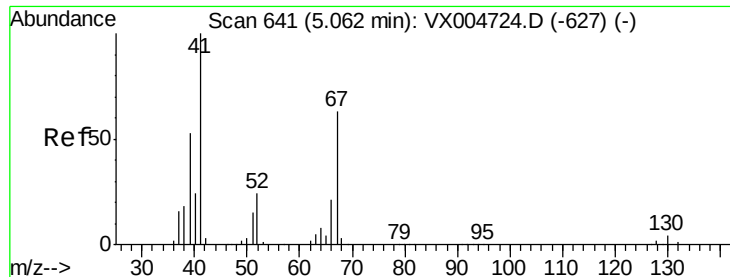


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





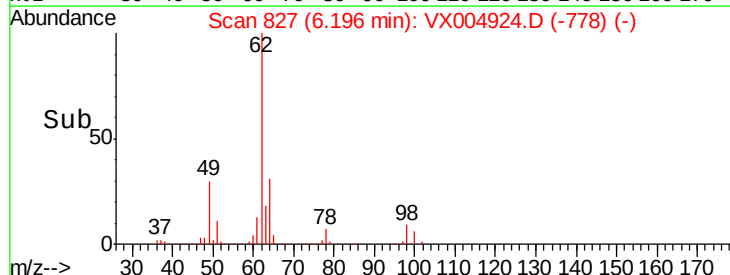
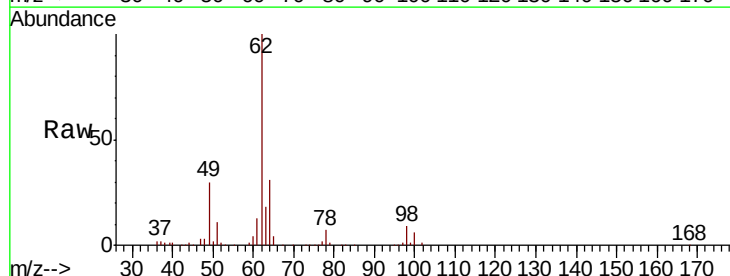
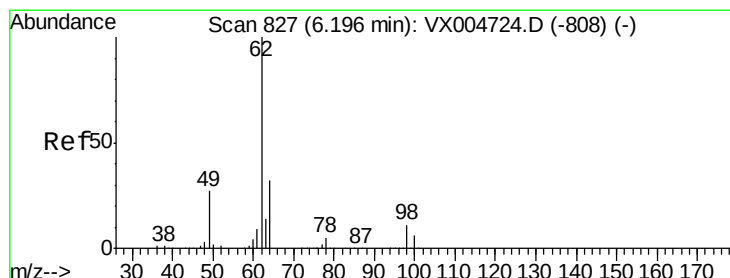
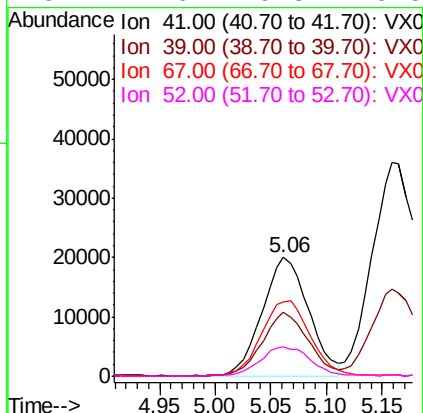
#41
Methacrylonitrile
Concen: 19.510 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.5	63.7	
67	68.4	53.0	79.6	
52	27.6	19.8	29.8	

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

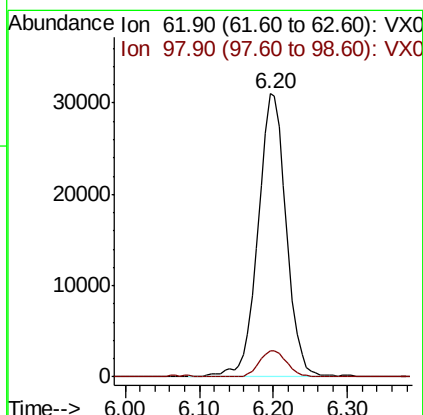
Manual Integrations
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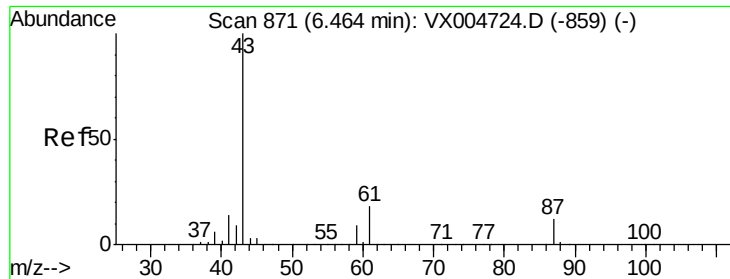
sam
10/3/2018 5:56:35 PM



#42
1,2-Dichloroethane
Concen: 18.518 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





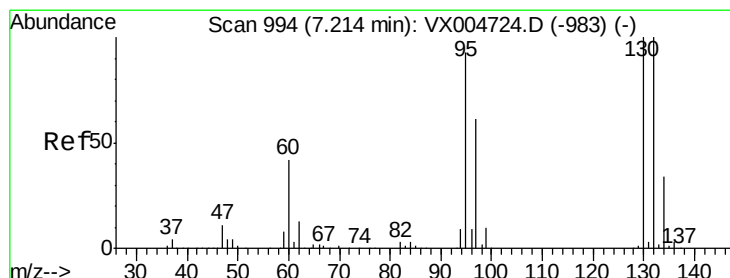
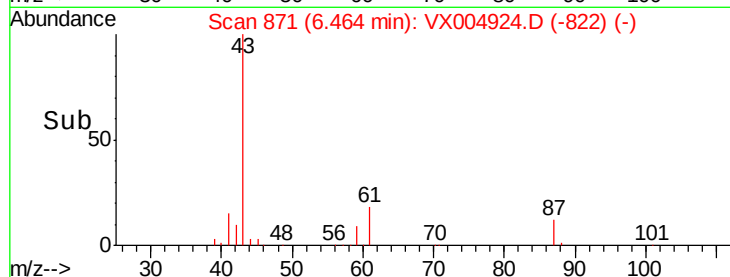
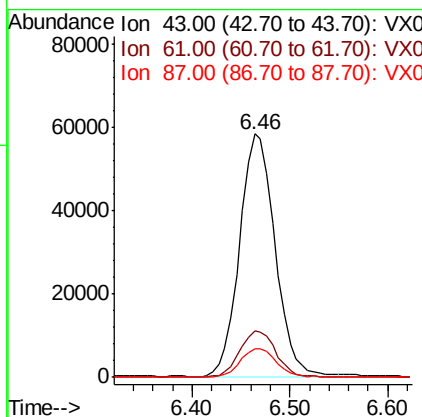
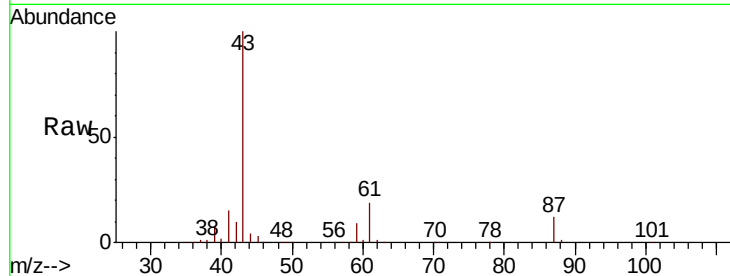
#43
Isopropyl Acetate
Concen: 19.037 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.2	21.4
87	12.3	9.3	13.9

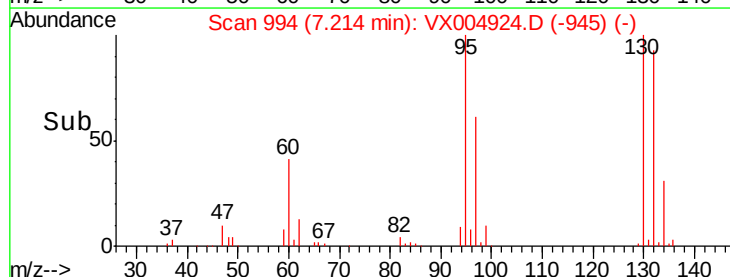
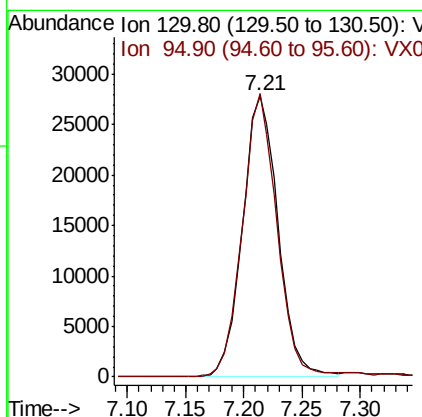
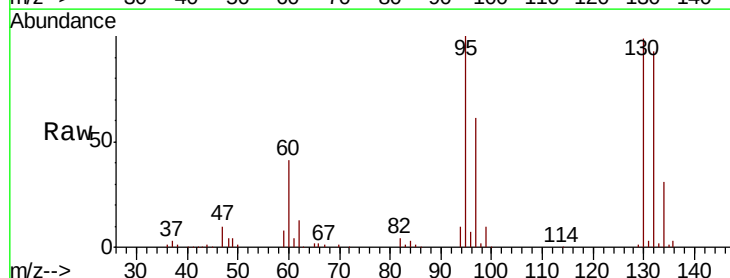
Manual Integrations
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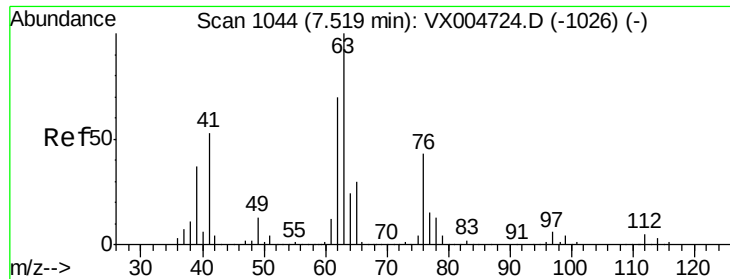
sam
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#44
Trichloroethene
Concen: 19.246 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	186.8





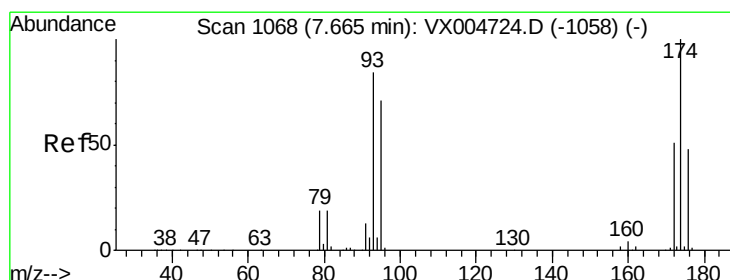
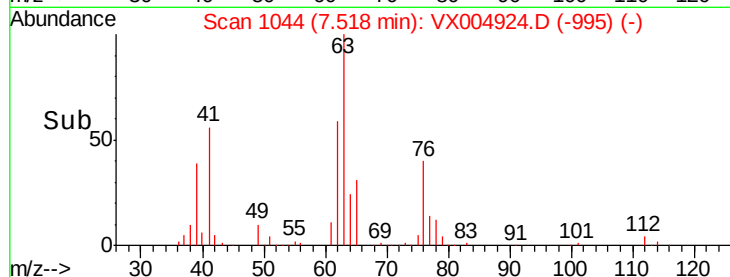
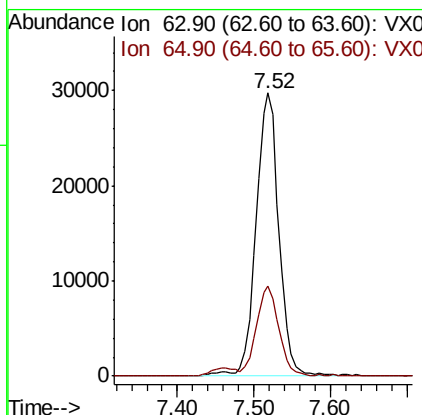
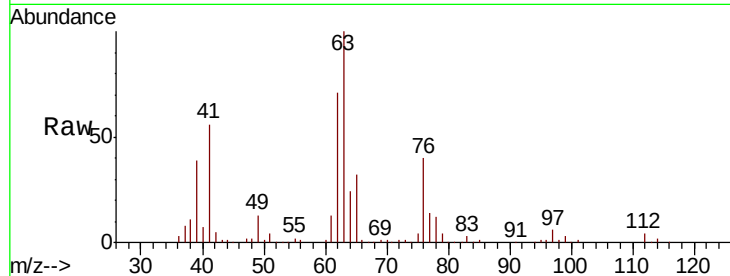
#45
 1,2-Dichloropropane
 Concen: 20.212 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion: 63 Resp: 62297
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.9 35.9

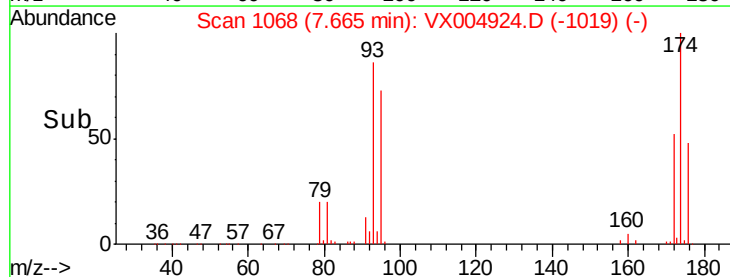
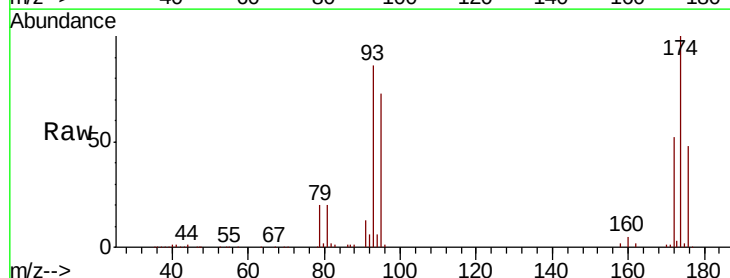
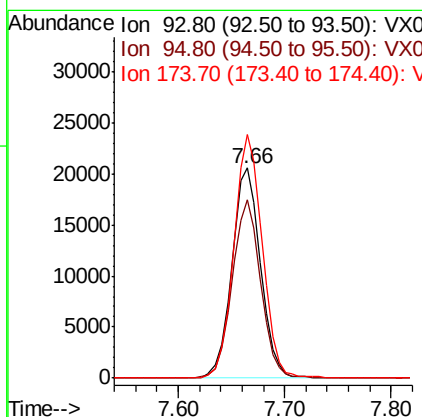
Manual Integrations
 APPROVED

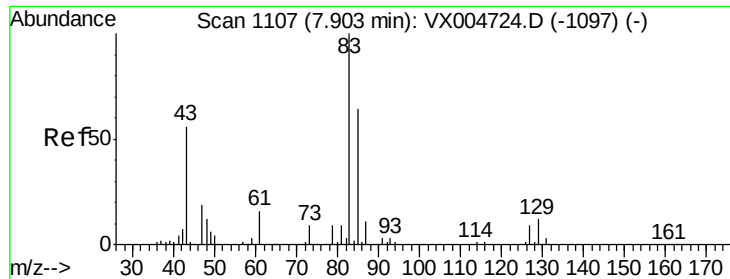
sam
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#46
 Dibromomethane
 Concen: 20.031 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion: 93 Resp: 38799
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 115.1 92.7 139.1





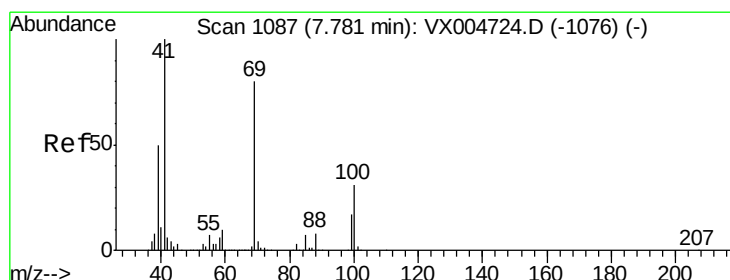
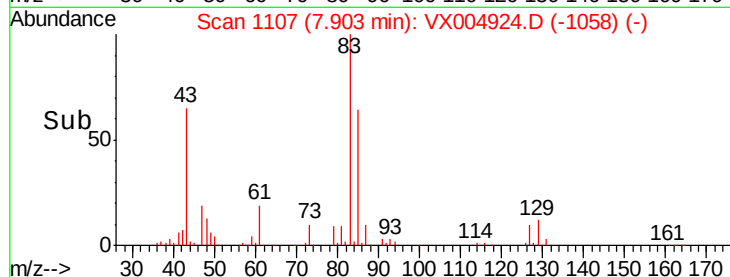
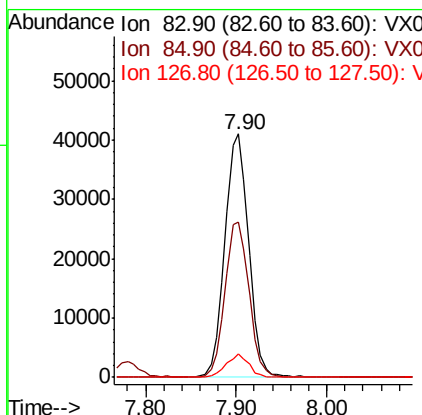
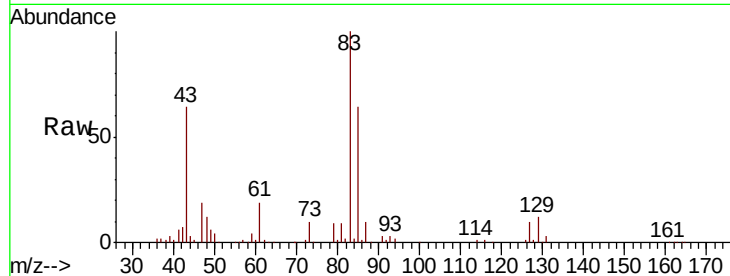
#47
Bromodichloromethane
Concen: 20.618 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	83	Resp	74773
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.2	76.8
127	9.7	7.0	10.6

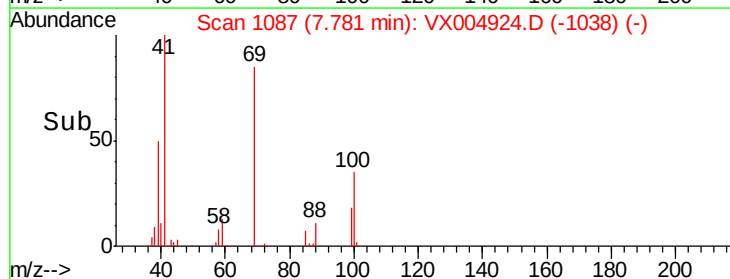
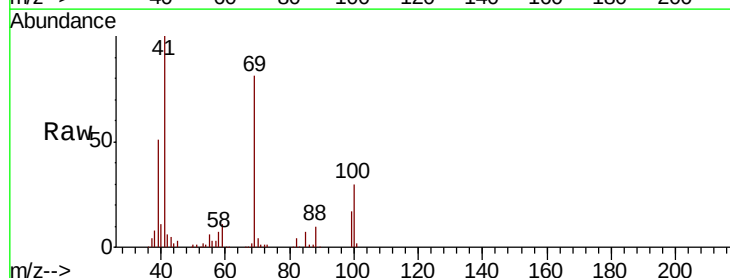
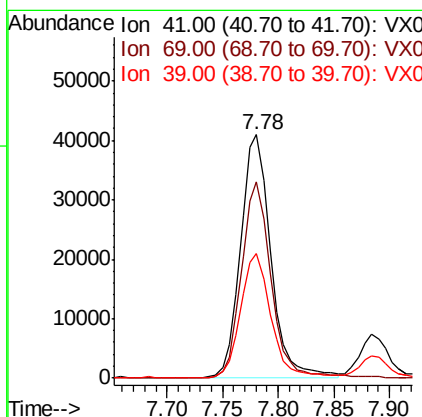
Manual Integrations
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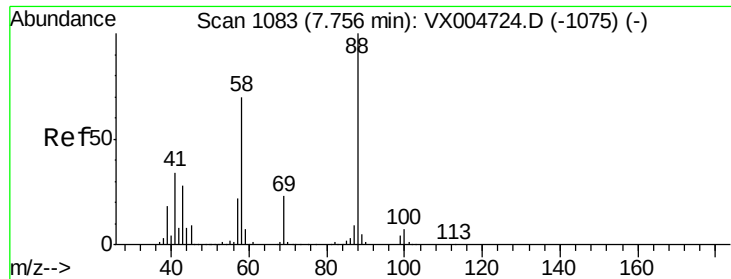
sam
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#48
Methyl methacrylate
Concen: 22.112 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	41	Resp	77193
Ion Ratio	100	Lower	Upper
41	100		
69	79.8	63.8	95.6
39	50.6	40.7	61.1





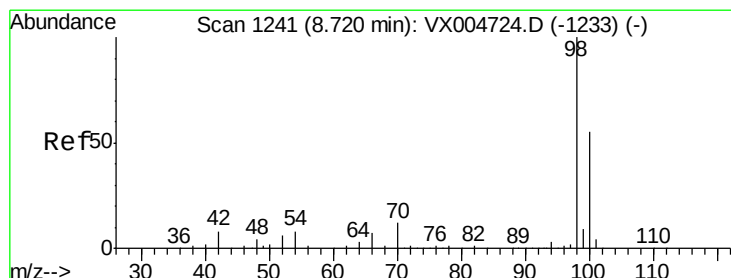
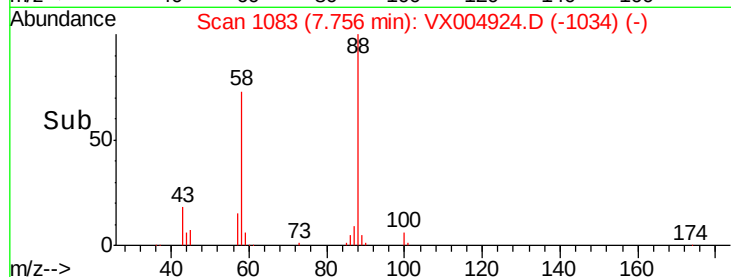
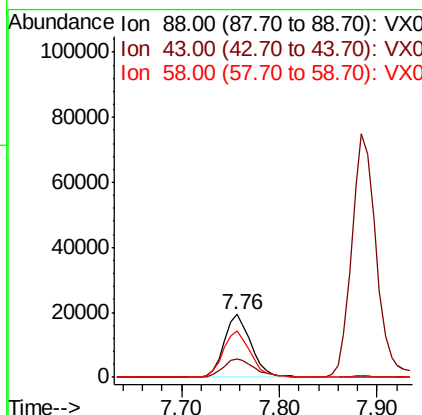
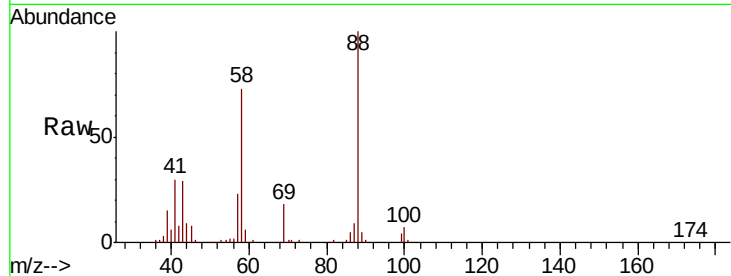
#49
 1,4-Dioxane
 Concen: 428.397 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.1	37.7
58	76.0	56.2	84.2

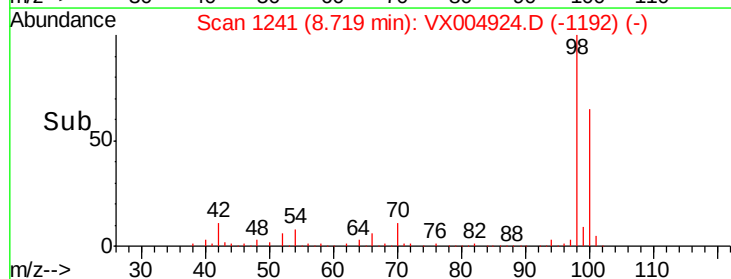
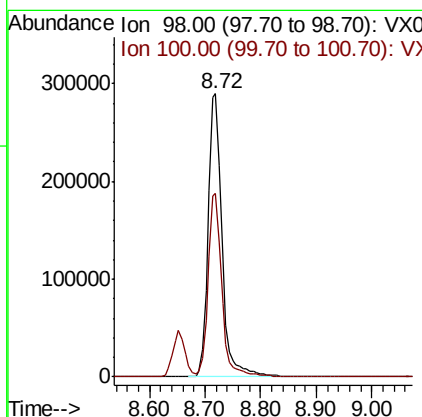
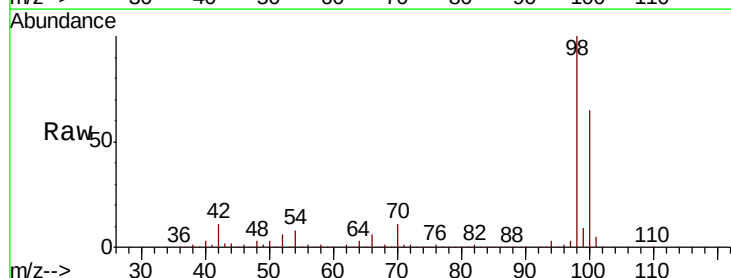
Manual Integrations
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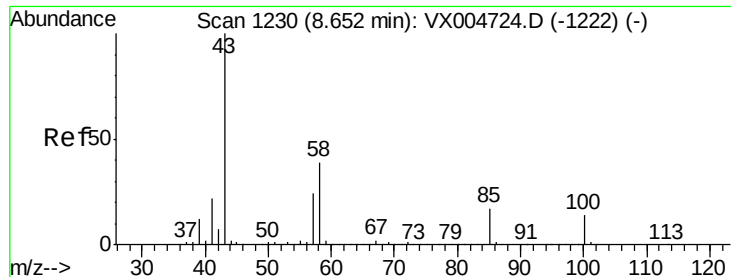
sam
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#50
 Toluene-d8
 Concen: 52.077 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





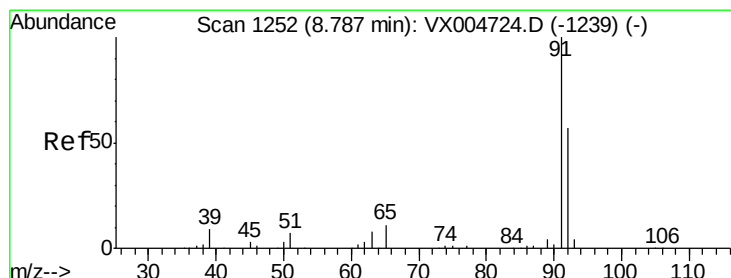
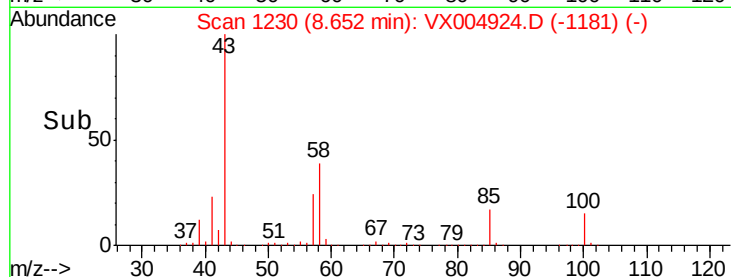
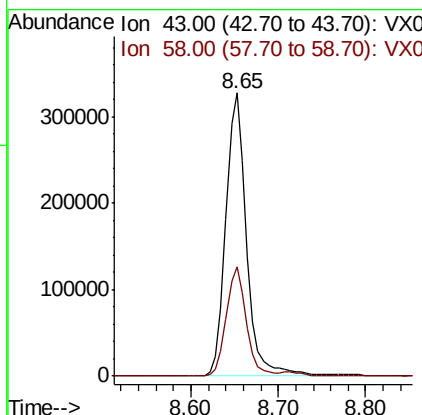
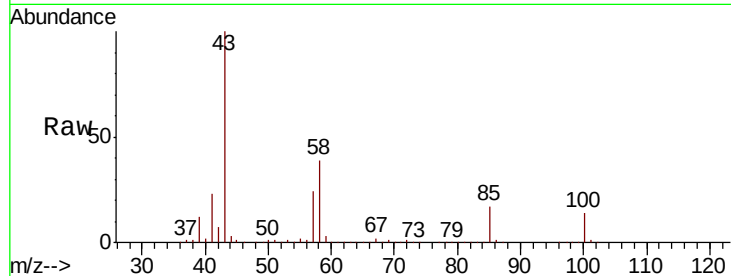
#51
4-Methyl-2-Pentanone
Concen: 111.073 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion: 43 Resp: 537911
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7

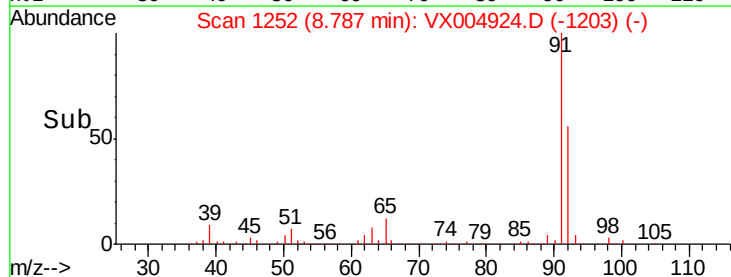
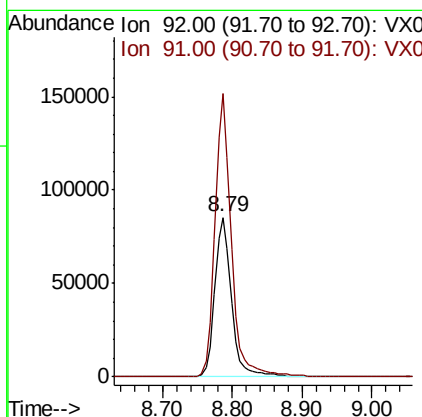
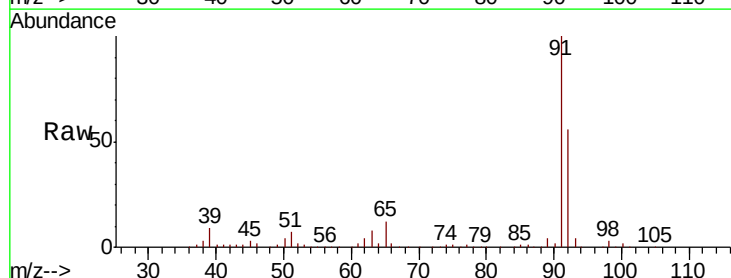
Manual Integrations
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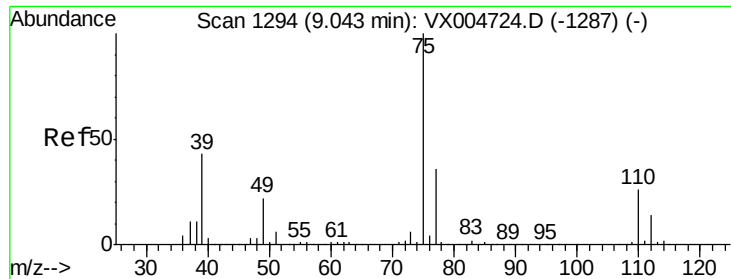
sam
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#52
Toluene
Concen: 20.604 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 92 Resp: 142293
Ion Ratio Lower Upper
92 100
91 173.1 136.7 205.1





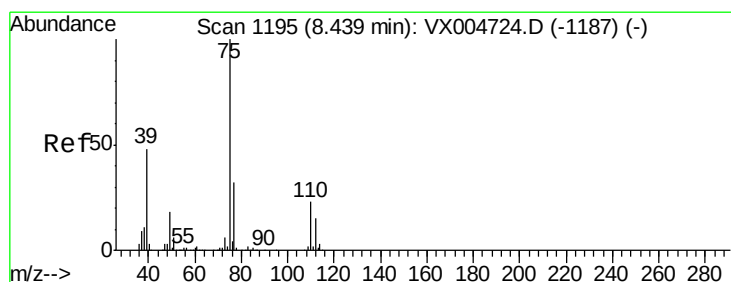
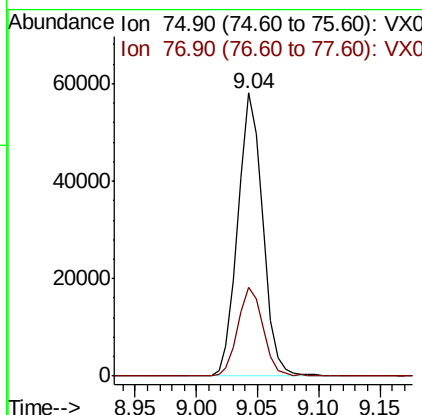
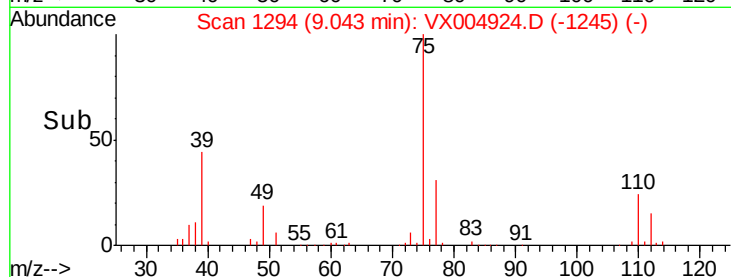
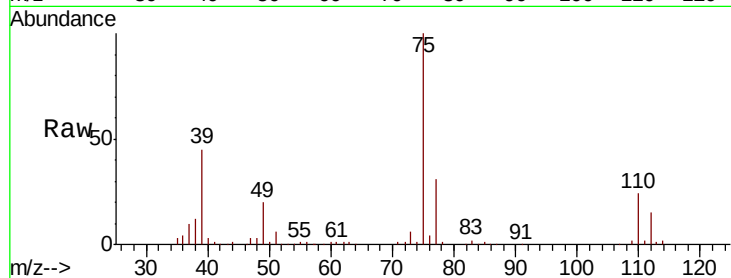
#53
t-1,3-Dichloropropene
Concen: 19.993 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	28.9	43.3

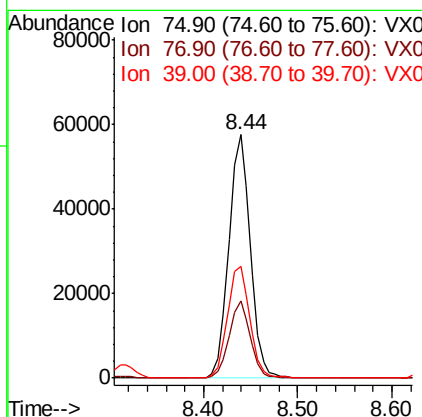
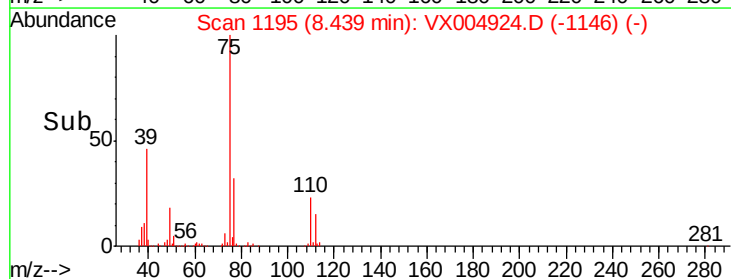
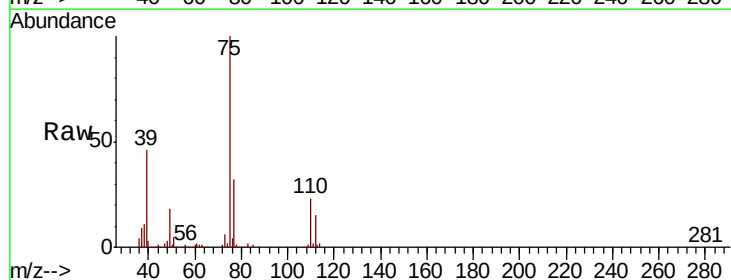
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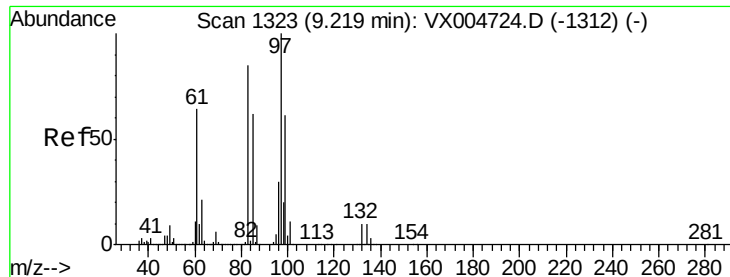
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#54
cis-1,3-Dichloropropene
Concen: 21.250 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.7	38.5
39	45.8	38.3	57.5





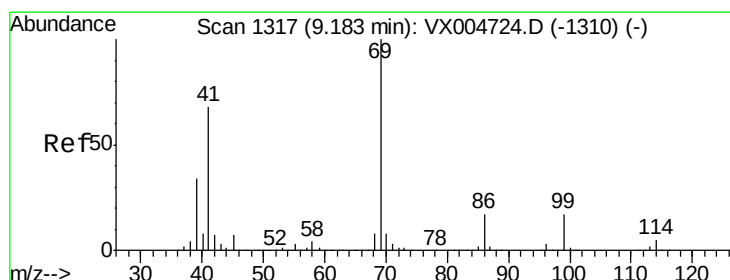
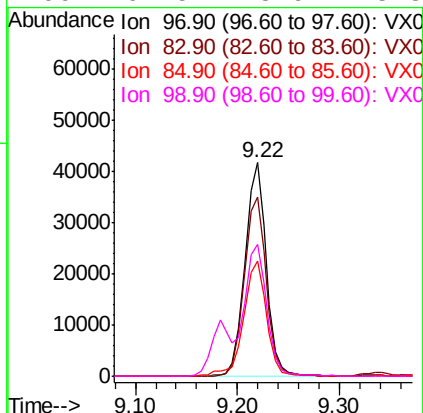
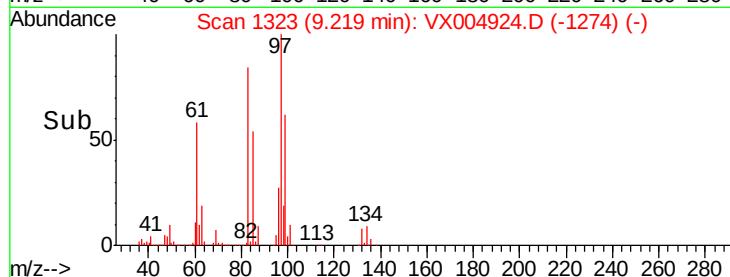
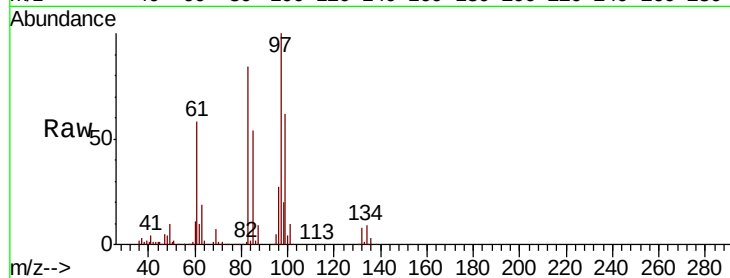
#55
 1,1,2-Trichloroethane
 Concen: 19.976 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion:	97	Resp:	60428
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	53.9	49.9	74.9
99	61.5	48.9	73.3

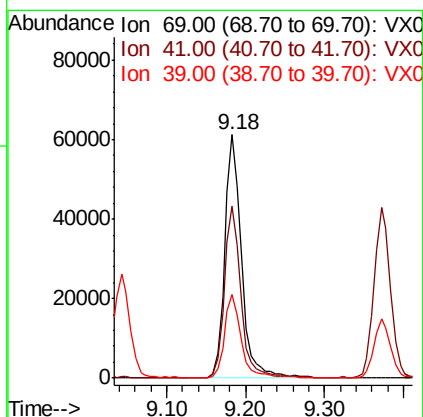
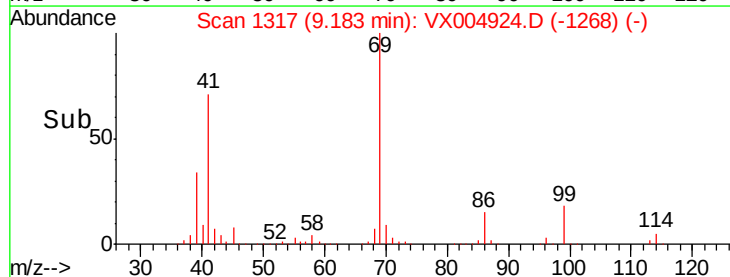
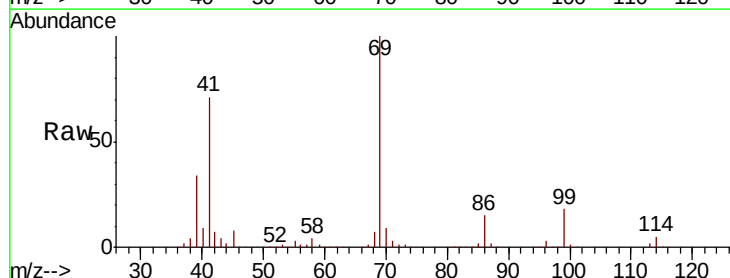
Manual Integrations
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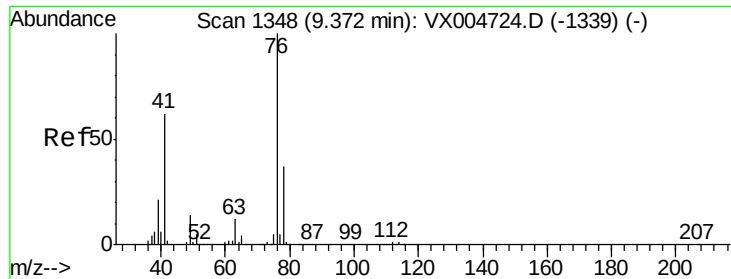
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#56
 Ethyl methacrylate
 Concen: 20.150 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion:	69	Resp:	90017
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.9	85.3
39	33.7	28.4	42.6





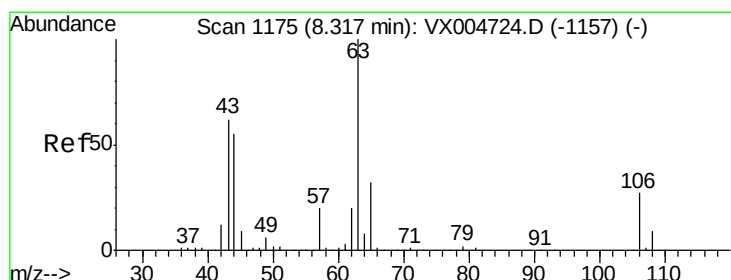
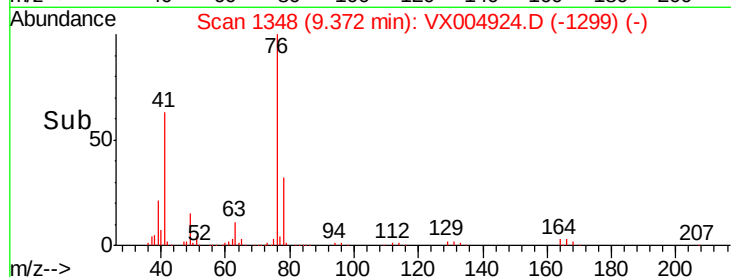
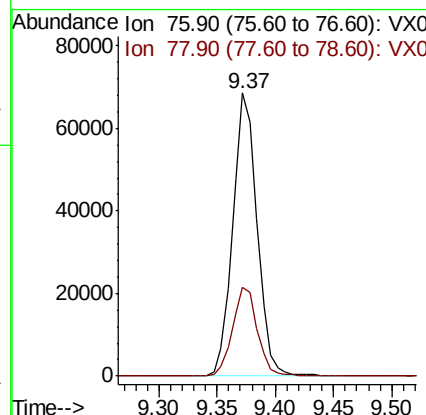
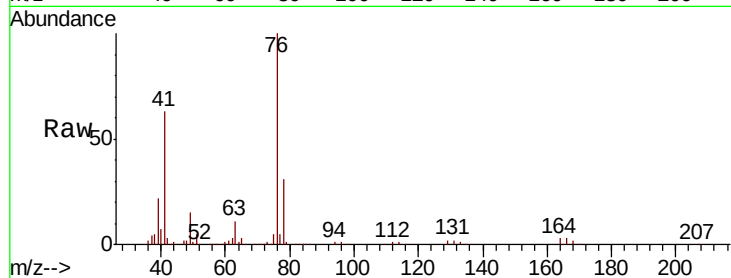
#57
 1,3-Dichloropropane
 Concen: 19.789 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.6	40.0

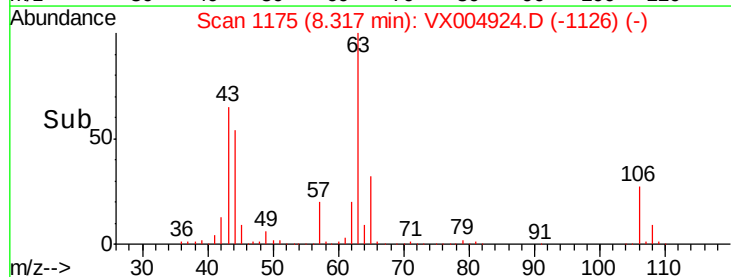
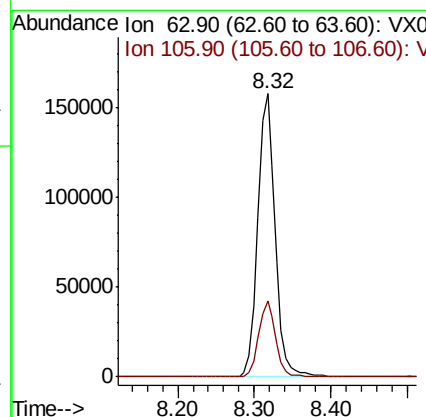
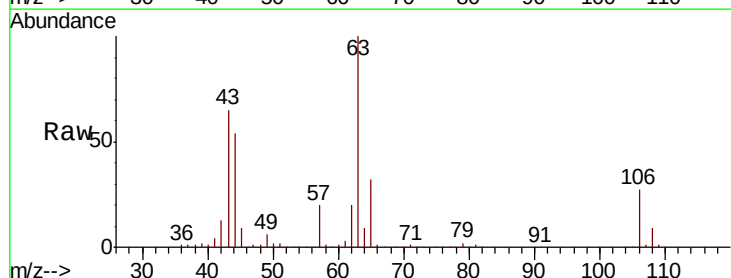
Manual Integrations
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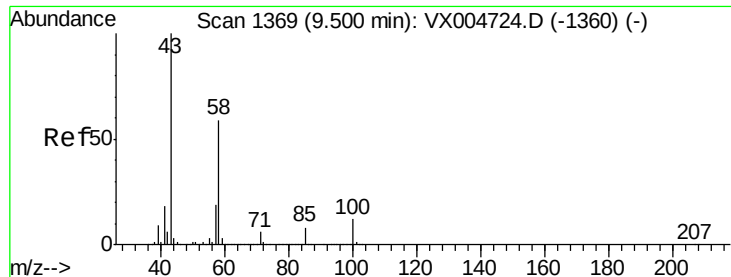
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.711 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.0	31.6





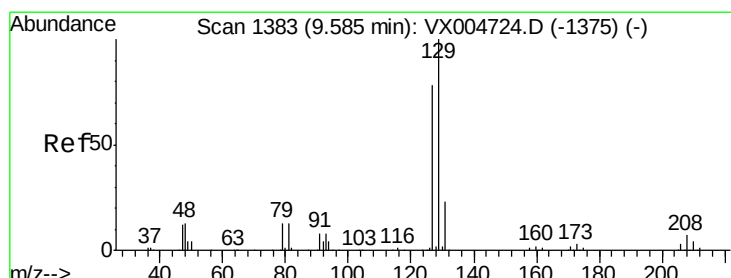
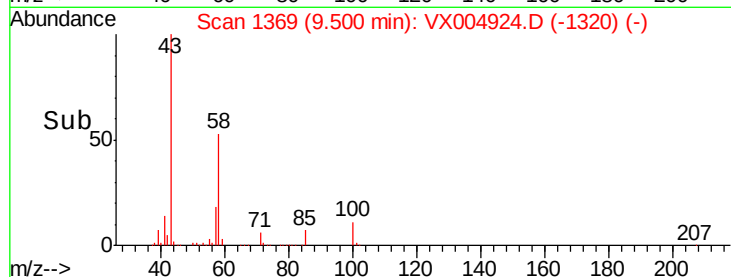
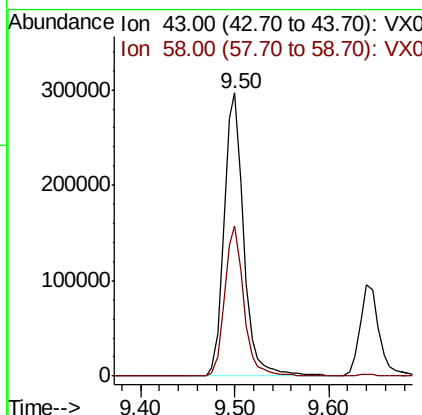
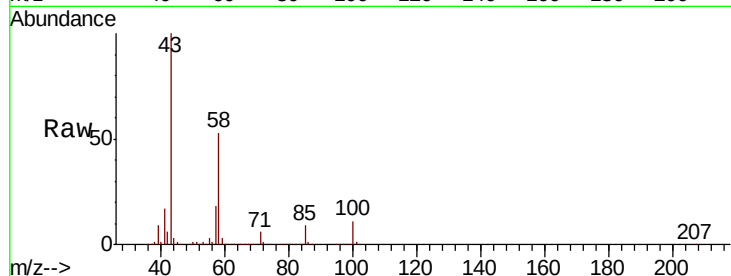
#59
2-Hexanone
Concen: 105.770 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion: 43 Resp: 426850
Ion Ratio Lower Upper
43 100
58 52.2 28.4 85.3

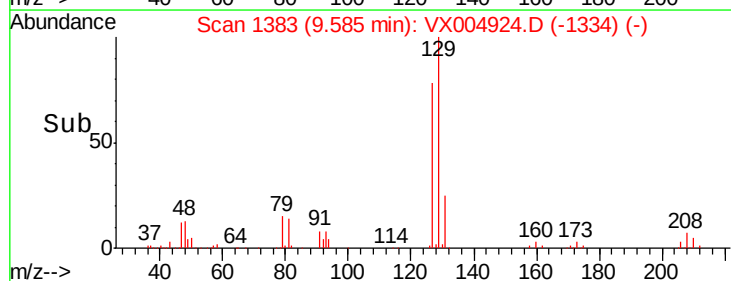
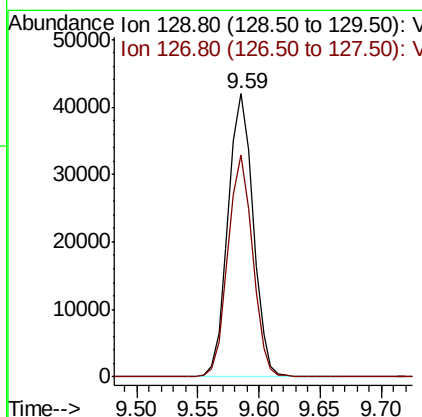
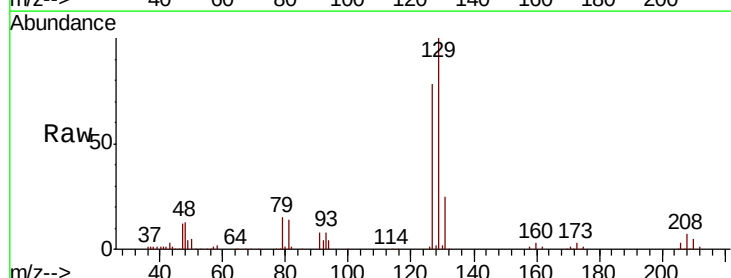
Manual Integrations
APPROVED

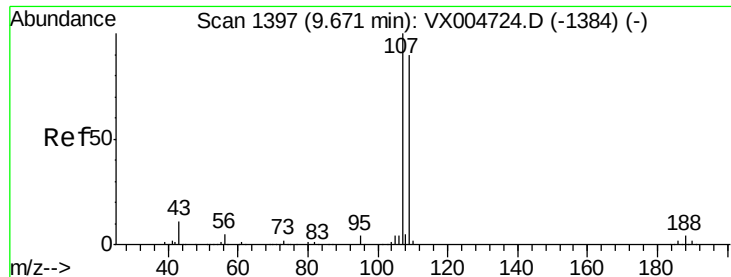
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#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 129 Resp: 59852
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.031 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion:107 Resp: 61653

Ion Ratio Lower Upper

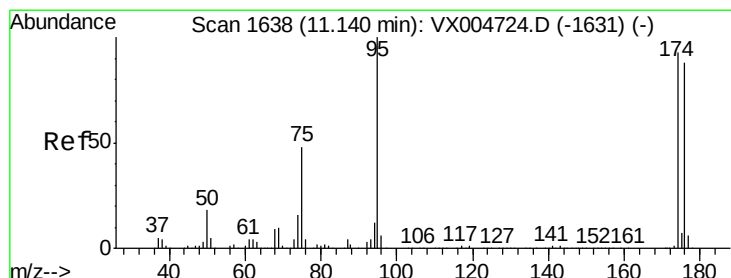
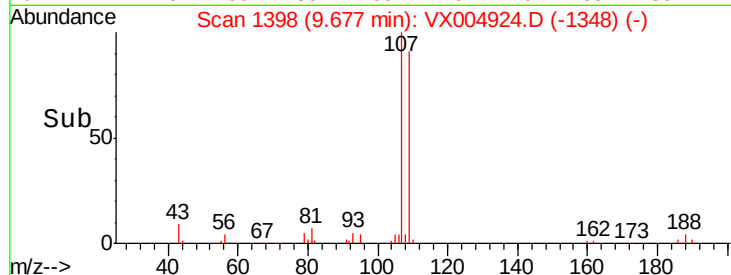
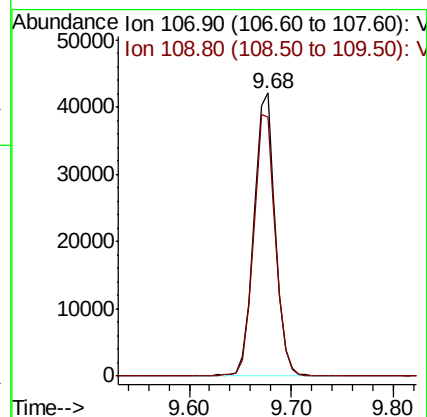
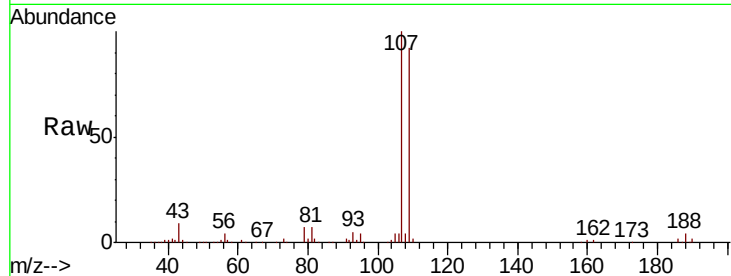
107 100

109 94.6 72.1 108.1

Manual Integrations
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sam

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#62

4-Bromofluorobenzene

Concen: 52.230 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

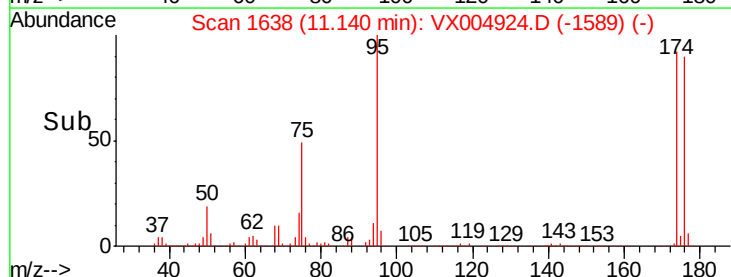
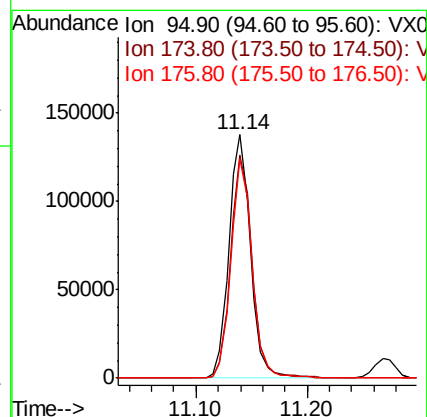
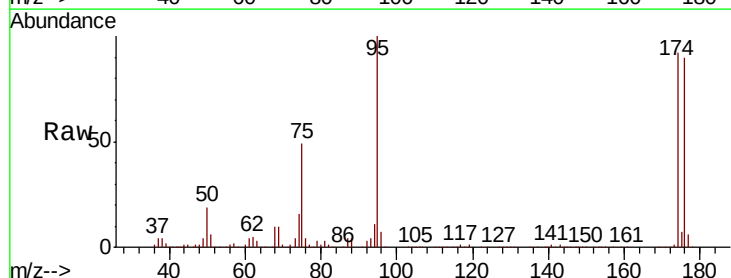
Tgt Ion: 95 Resp: 184058

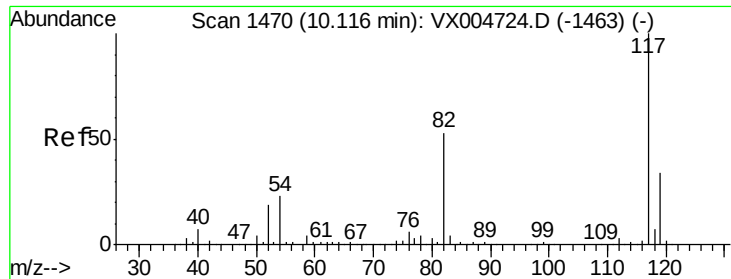
Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

176 88.0 0.0 180.2





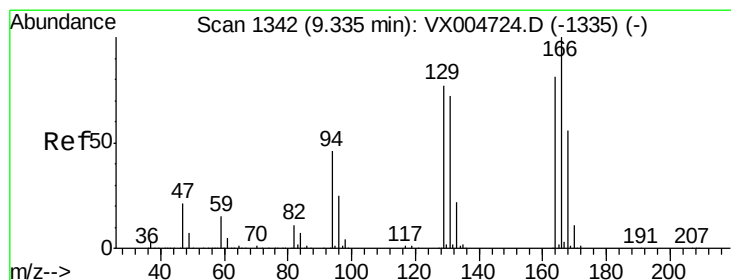
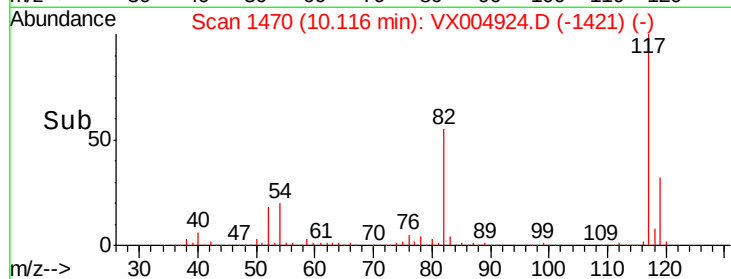
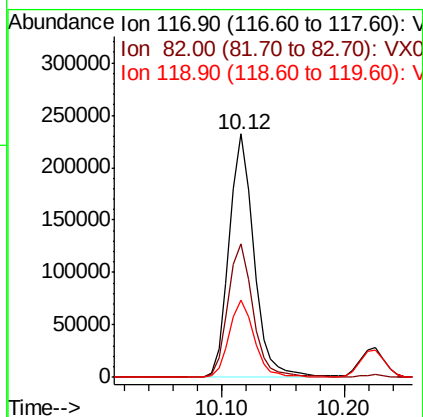
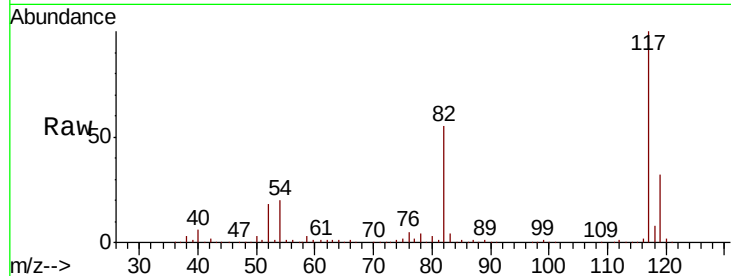
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.2	63.4
119	31.7	27.4	41.0

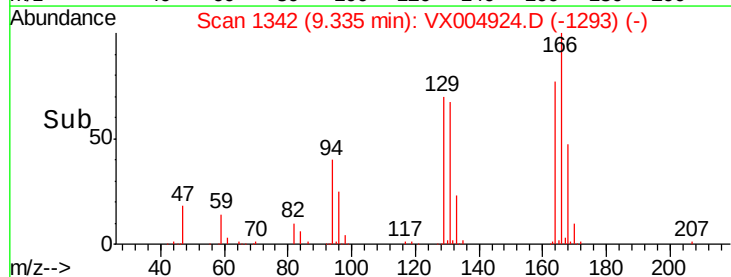
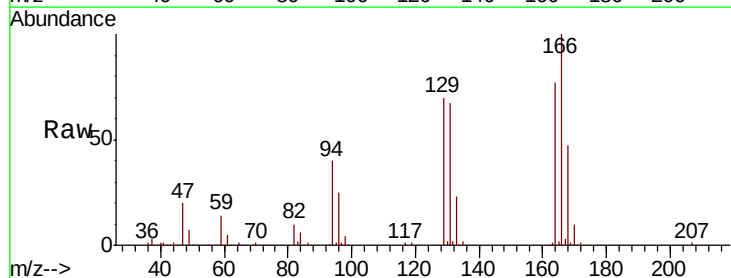
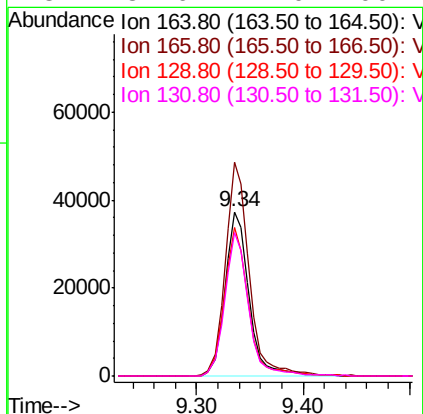
Manual Integrations
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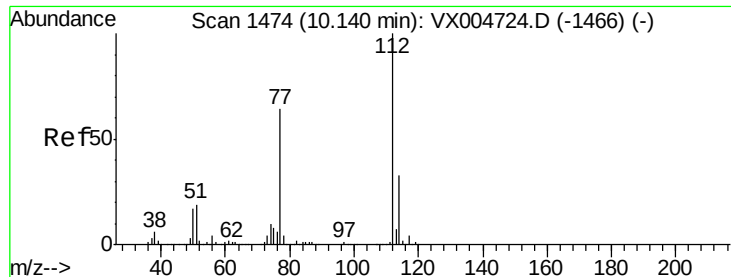
sam
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#64
Tetrachloroethene
Concen: 18.285 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	98.4	147.6
129	90.9	76.1	114.1
131	87.6	71.0	106.4





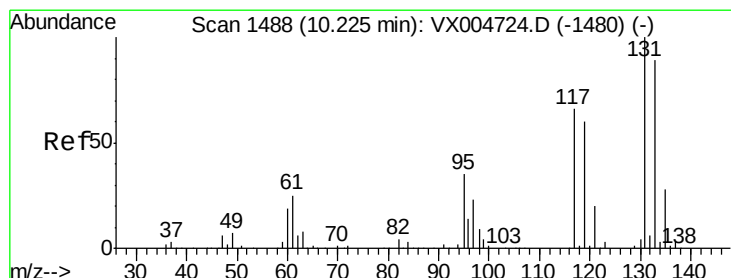
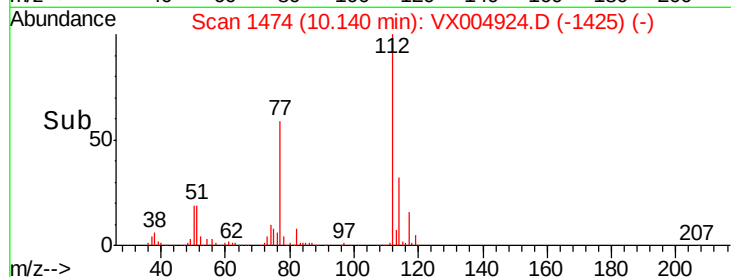
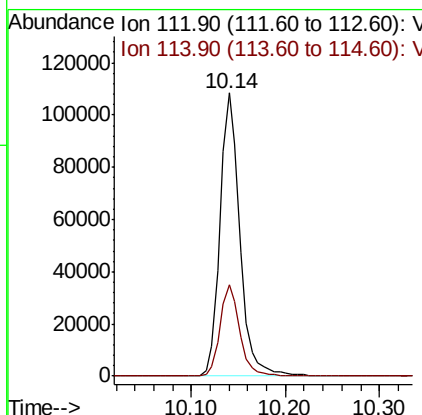
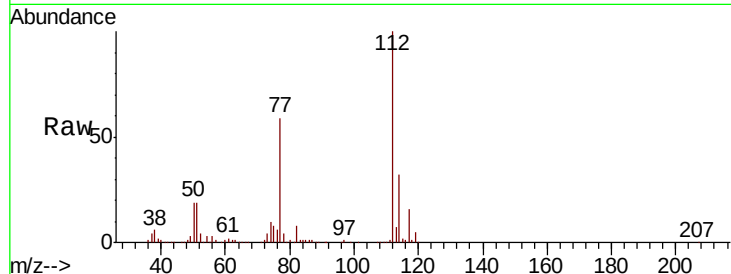
#65
Chlorobenzene
Concen: 18.925 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion:112 Resp: 158499
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1

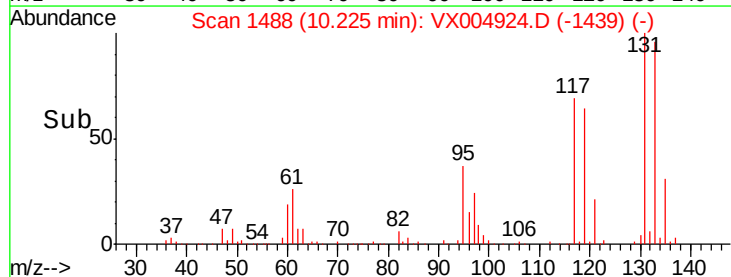
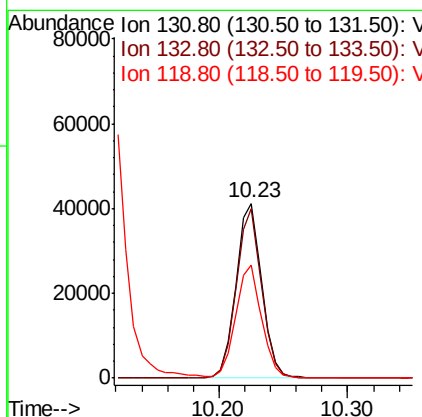
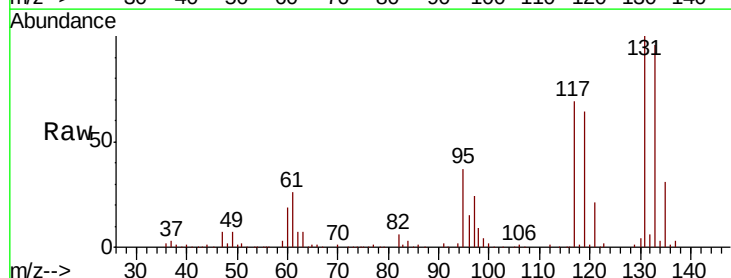
Manual Integrations
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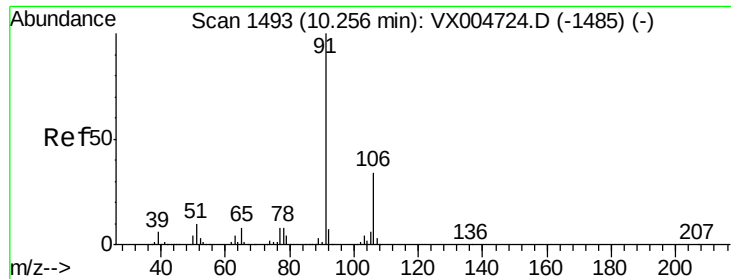
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.416 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion:131 Resp: 57167
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 65.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.555 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion: 91 Resp: 260010

Ion Ratio Lower Upper

91 100

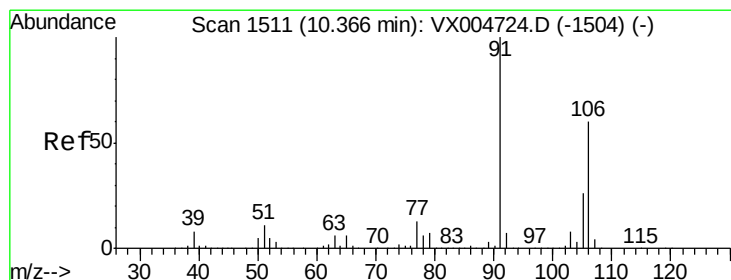
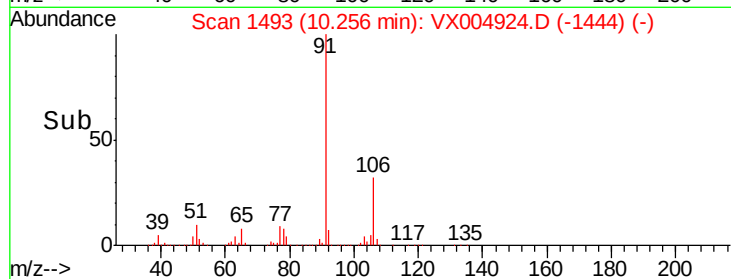
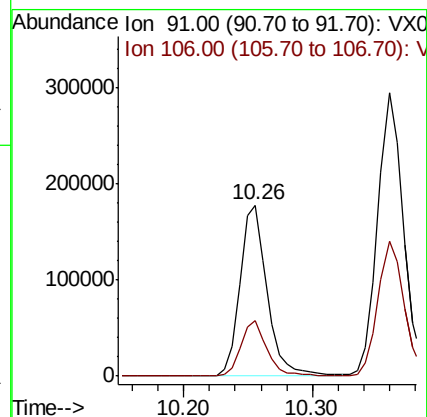
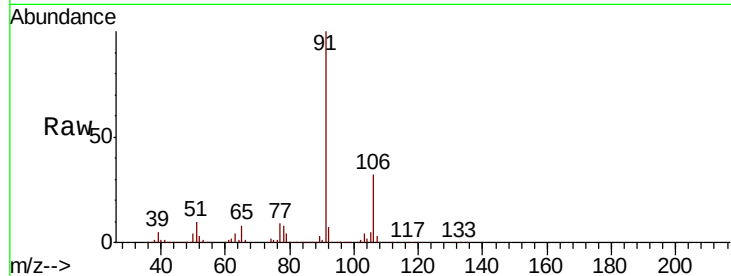
106 32.1 26.9 40.3

Manual Integrations

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sam

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#68

m/p-Xylenes

Concen: 39.240 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004924.D

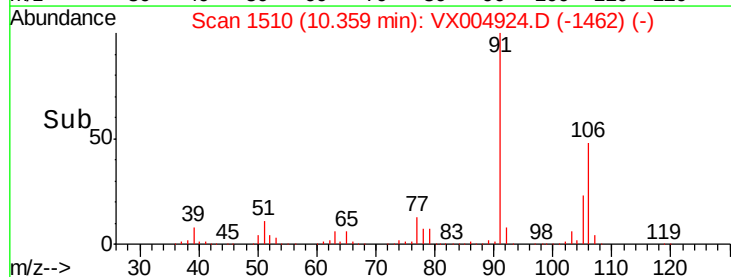
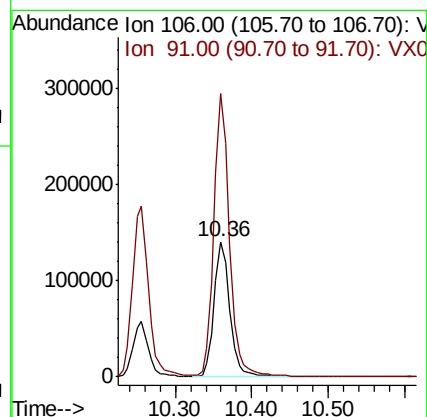
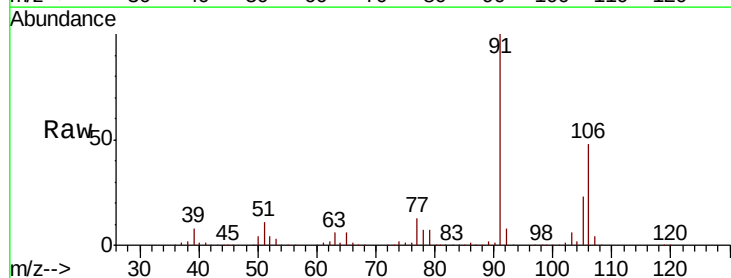
Acq: 02 Oct 2018 17:40

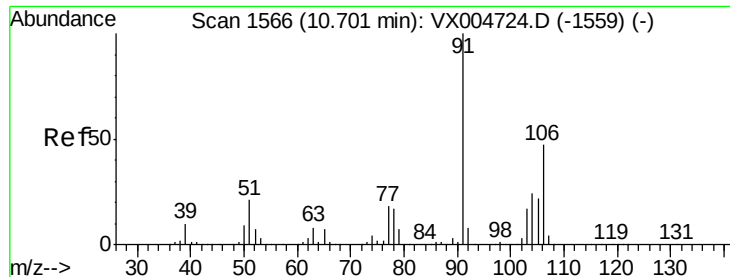
Tgt Ion: 106 Resp: 203888

Ion Ratio Lower Upper

106 100

91 205.2 157.5 236.3





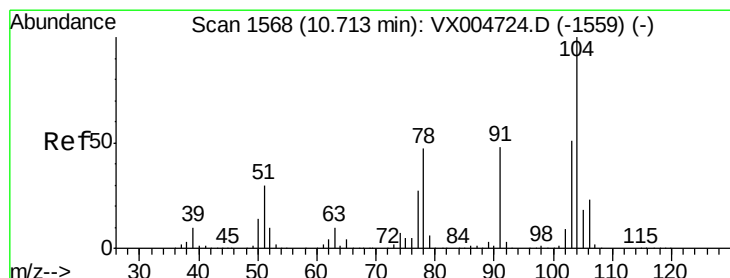
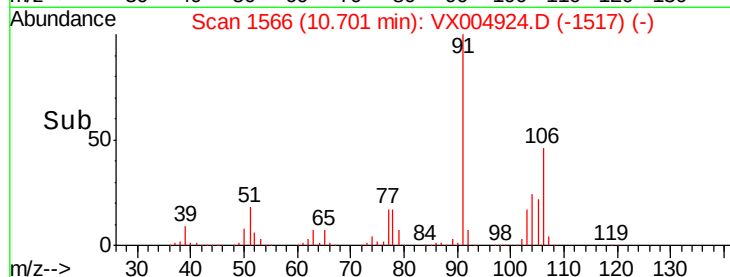
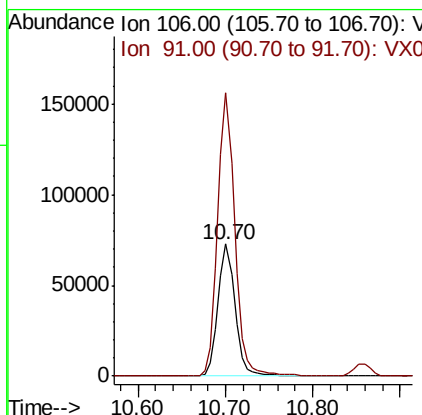
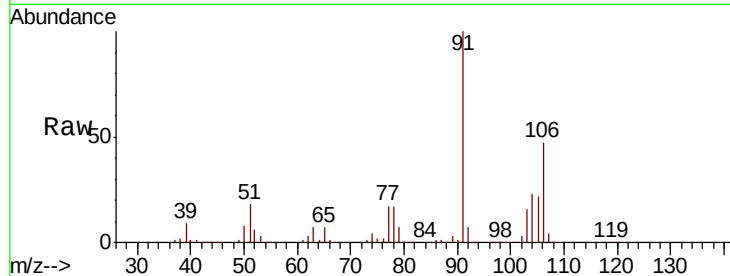
#69
o-Xylene
Concen: 20.807 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion:106 Resp: 99298
Ion Ratio Lower Upper
106 100
91 213.4 108.3 324.8

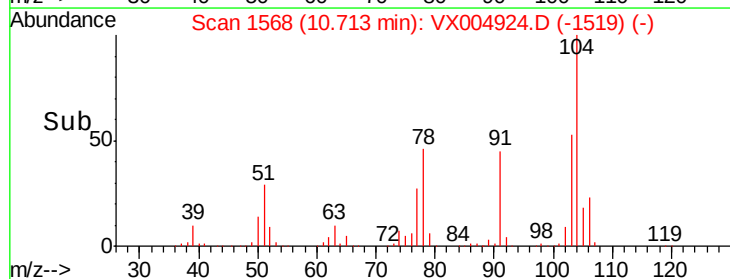
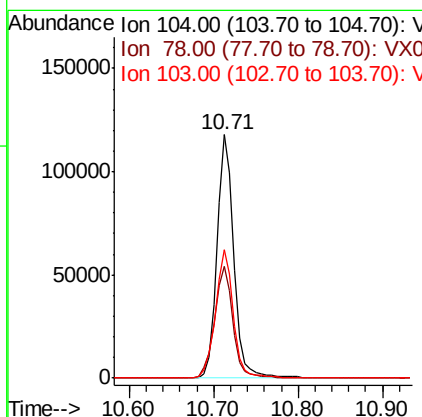
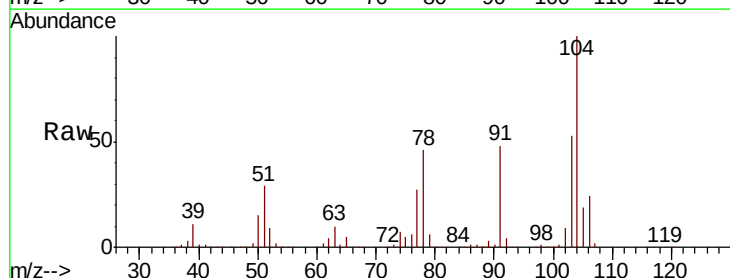
Manual Integrations
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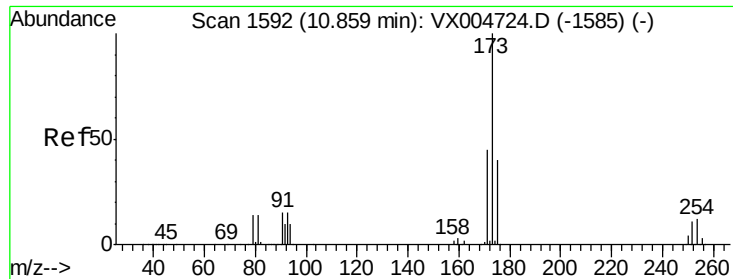
sam
10/3/2018 5:56:35 PM



#70
Styrene
Concen: 19.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion:104 Resp: 163620
Ion Ratio Lower Upper
104 100
78 50.5 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 19.160 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

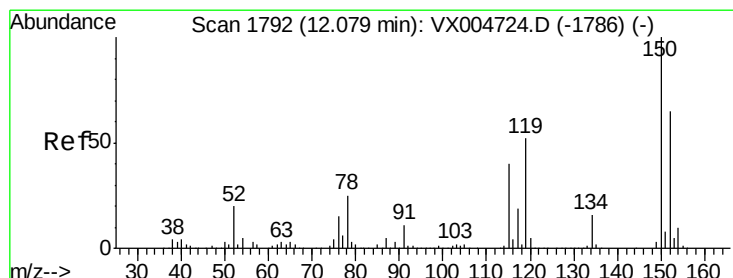
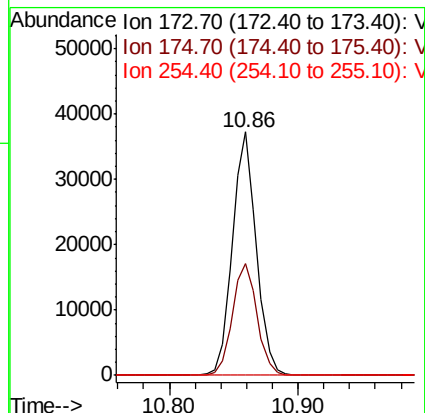
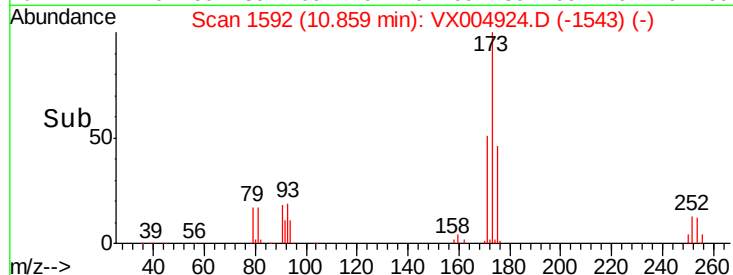
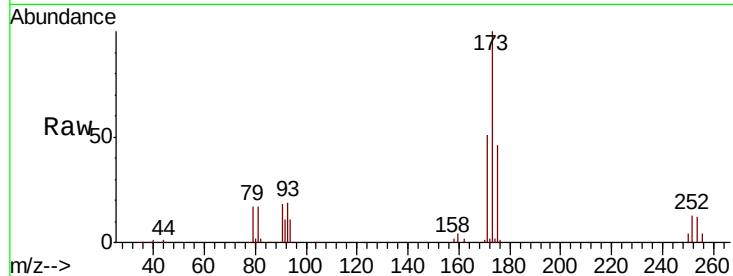
ClientSampled :

VX1003WBS01

Tot Ion:	173	Resp:	48296
Ion Ratio	Lower	Upper	
173	100		
175	47.5	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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sam
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

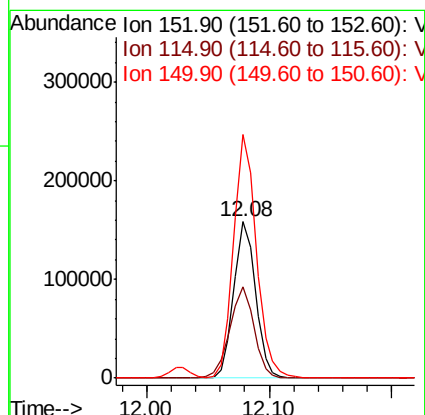
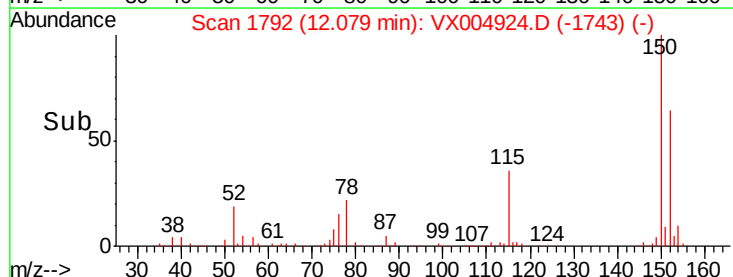
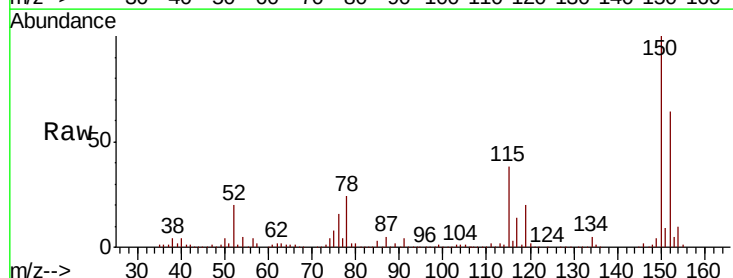
RT: 12.08 min Scan# 1792

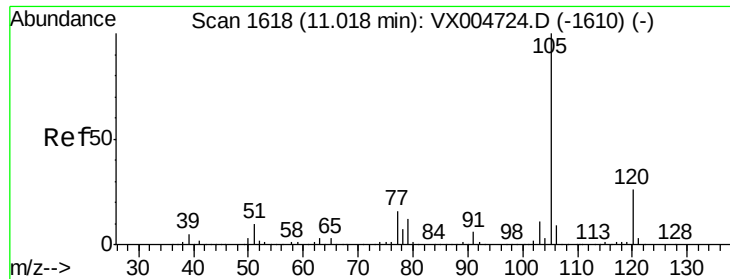
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	152	Resp:	195162
Ion Ratio	Lower	Upper	
152	100		
115	64.6	40.2	120.6
150	162.1	0.0	351.0





#73

Isopropylbenzene

Concen: 21.362 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

Tot Ion: 105 Resp: 262781

Ion Ratio Lower Upper

105 100

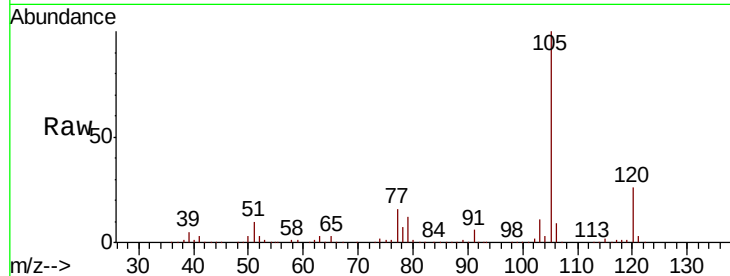
120 26.8 13.2 39.5

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

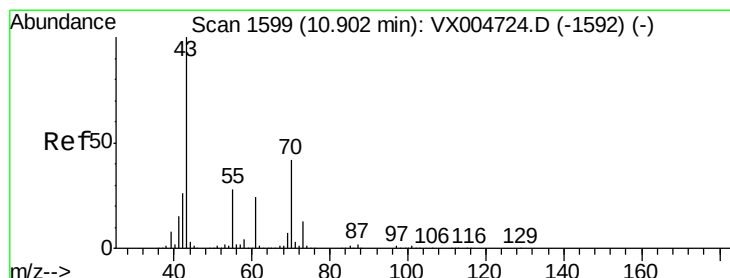
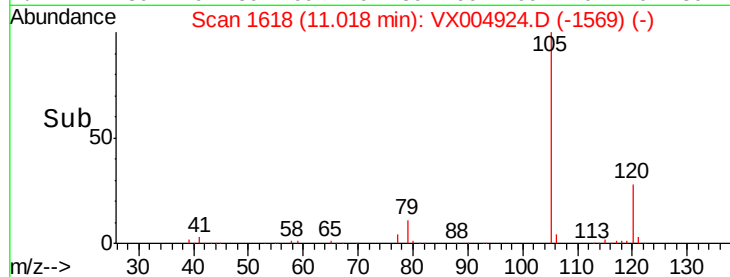
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.638 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion: 43 Resp: 125342

Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 25.3 21.6 32.4

61 23.3 19.1 28.7

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

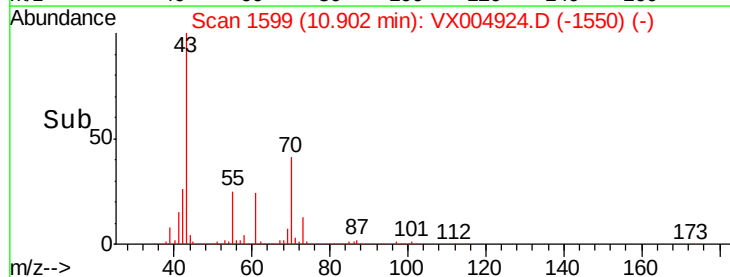
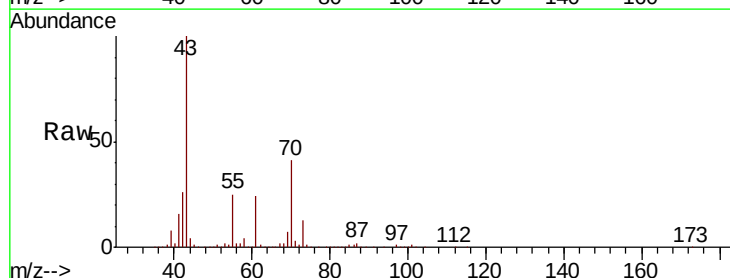
50000

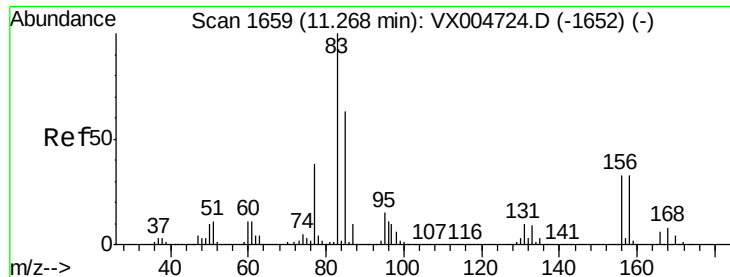
0

10.90

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.669 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

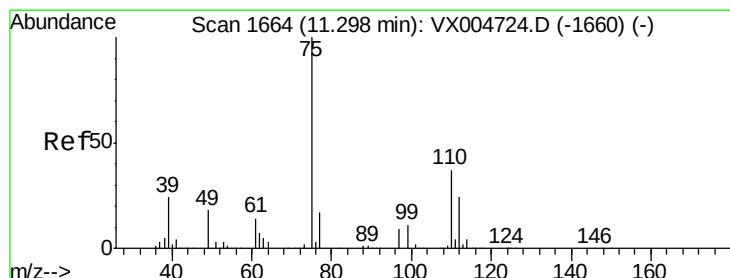
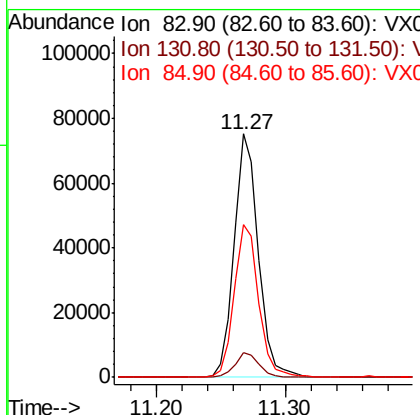
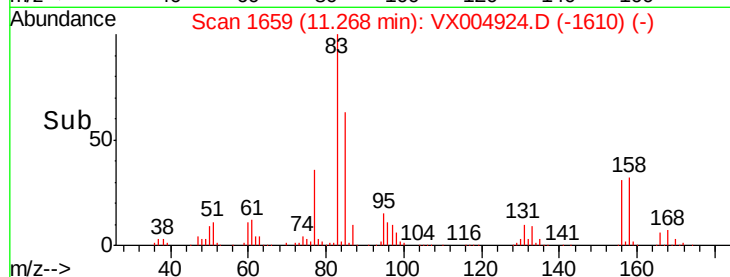
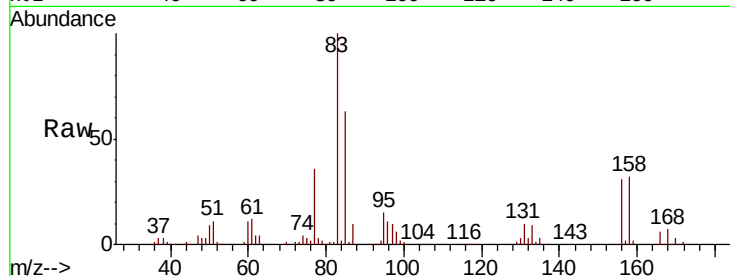
ClientSampled :

VX1003WBS01

Tot Ion:	83	Resp:	98491
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	63.5	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.415 ug/l m

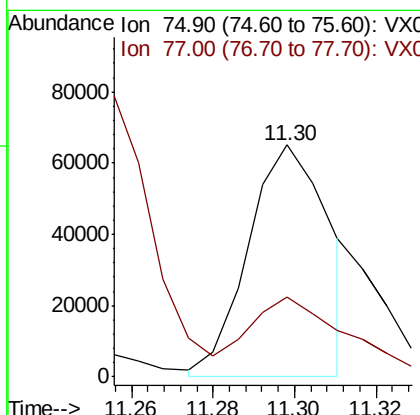
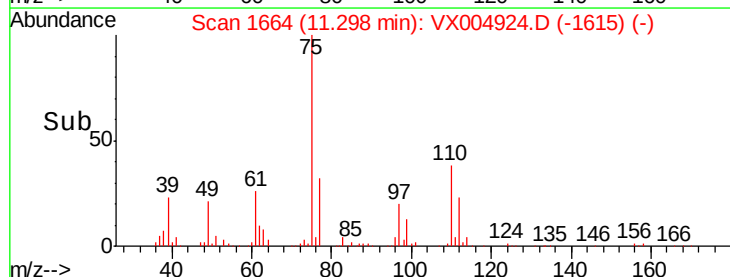
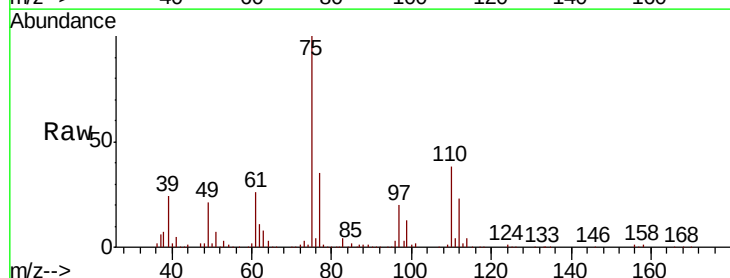
RT: 11.30 min Scan# 1664

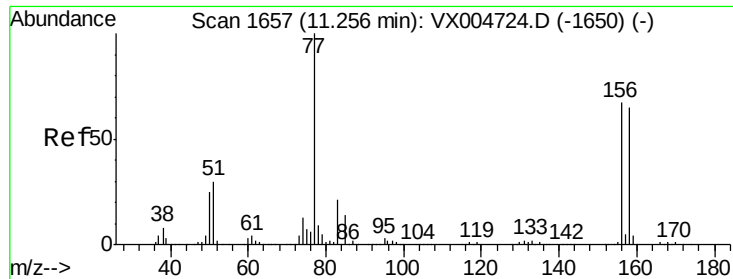
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	75	Resp:	89301
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.4	64.3





#77

Bromobenzene

Concen: 20.186 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

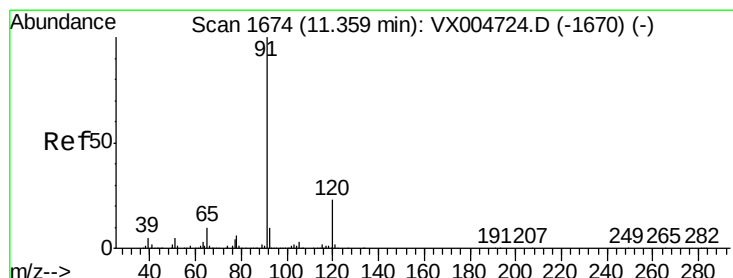
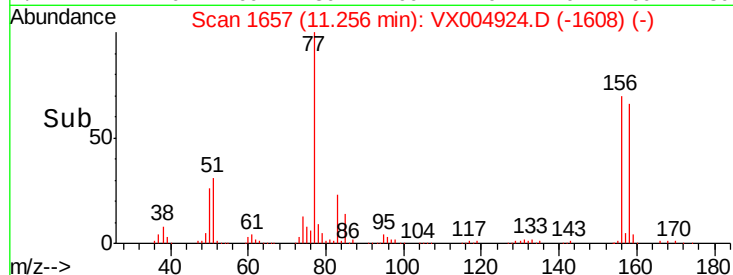
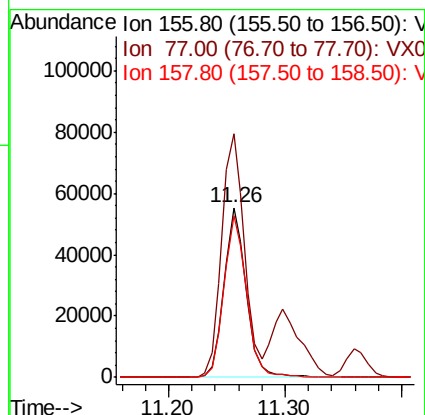
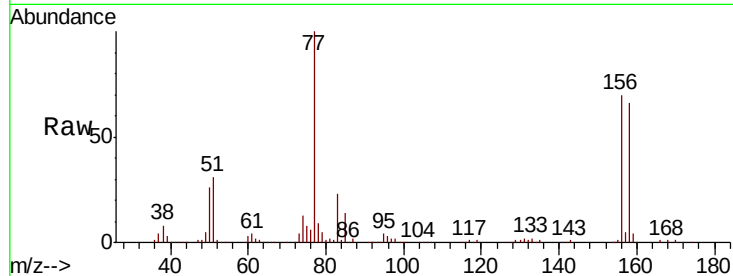
ClientSampleId :

VX1003WBS01

Tot Ion:	156	Resp:	72126
Ion	Ratio	Lower	Upper
156	100		
77	147.9	73.4	220.2
158	97.5	49.1	147.4

Manual Integrations
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sam
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#78

n-propylbenzene

Concen: 21.212 ug/l

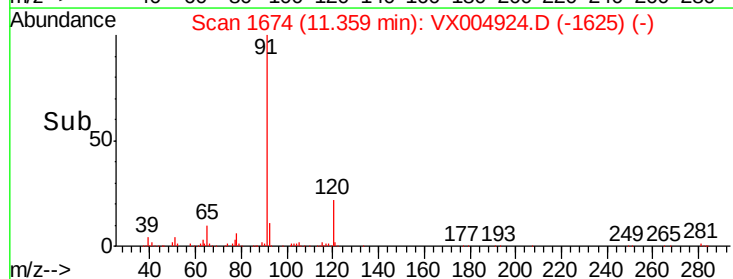
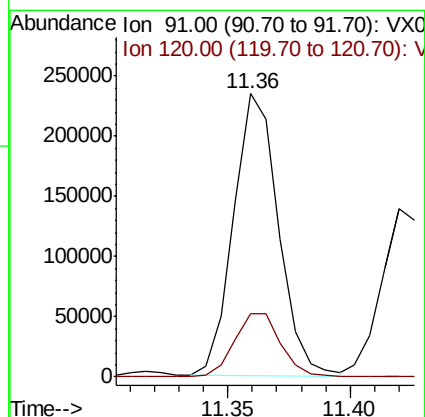
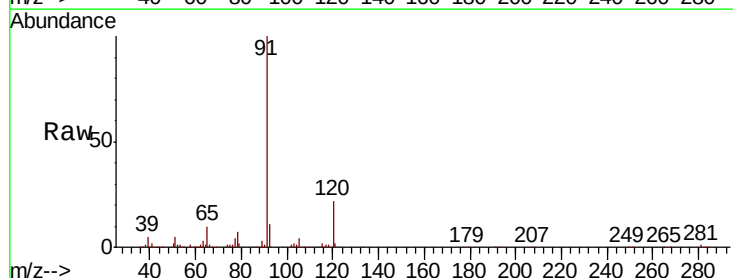
RT: 11.36 min Scan# 1674

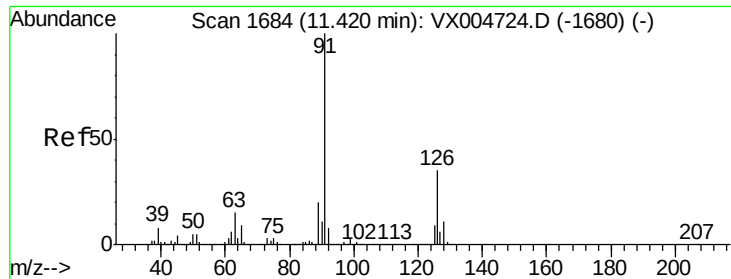
Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion:	91	Resp:	299388
Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.950 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion: 91 Resp: 184311

Ion Ratio Lower Upper

91 100

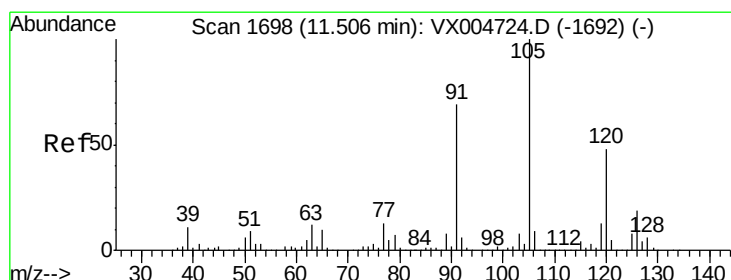
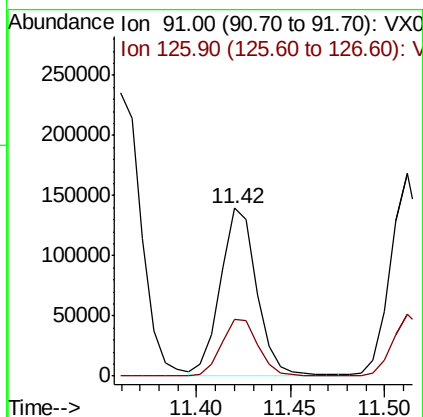
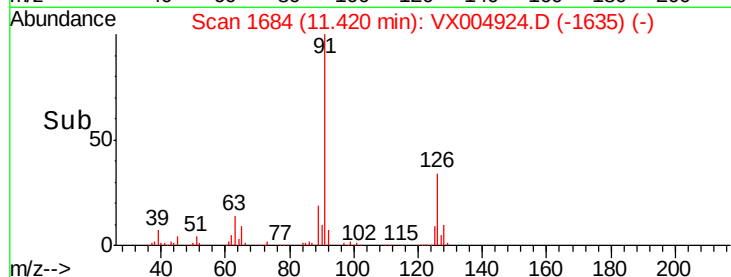
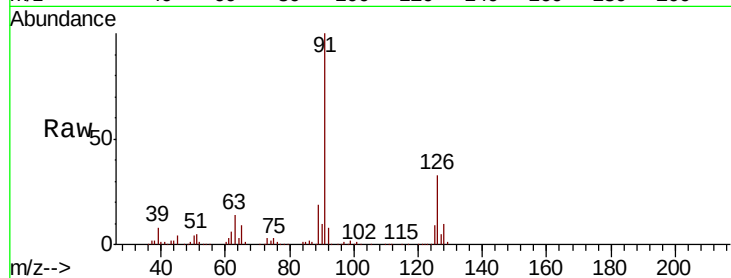
126 34.9 17.6 52.9

Manual Integrations

APPROVED

sam

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#80

1,3,5-Trimethylbenzene

Concen: 19.747 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004924.D

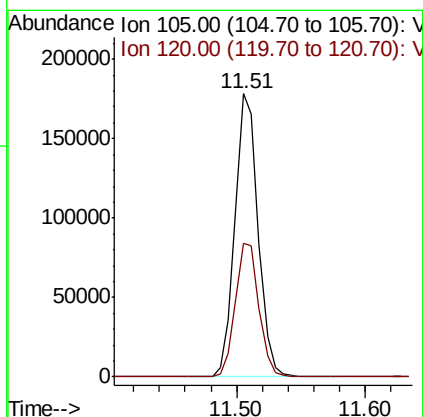
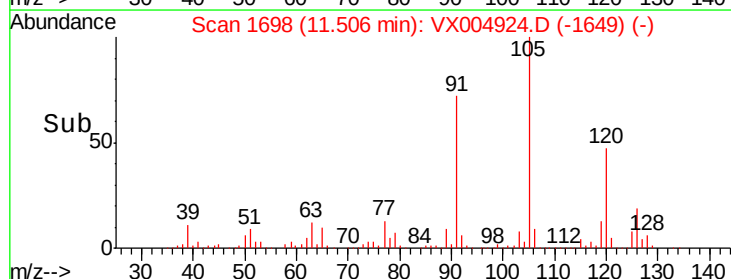
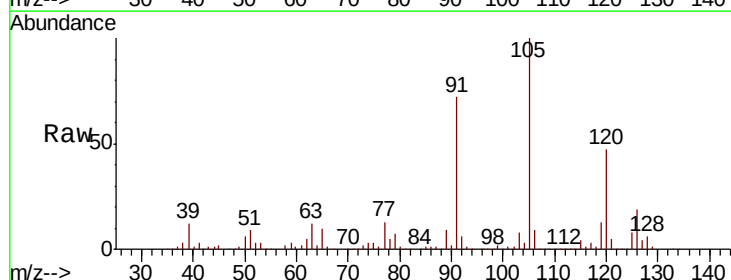
Acq: 02 Oct 2018 17:40

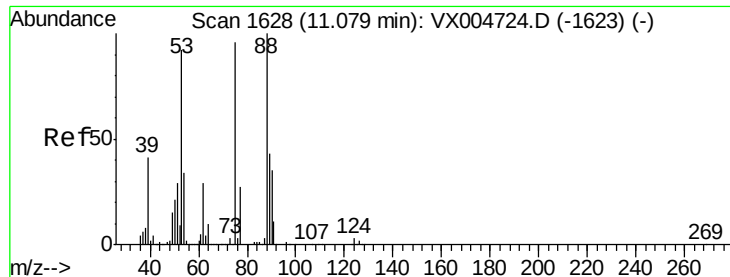
Tgt Ion: 105 Resp: 223990

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





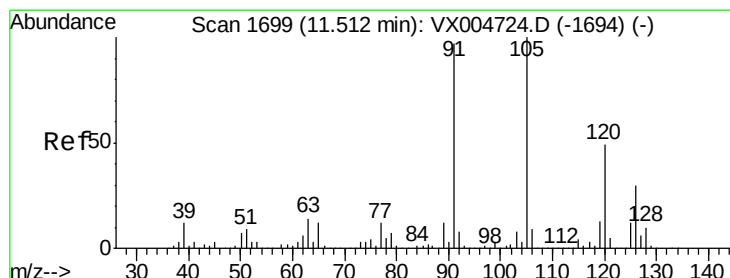
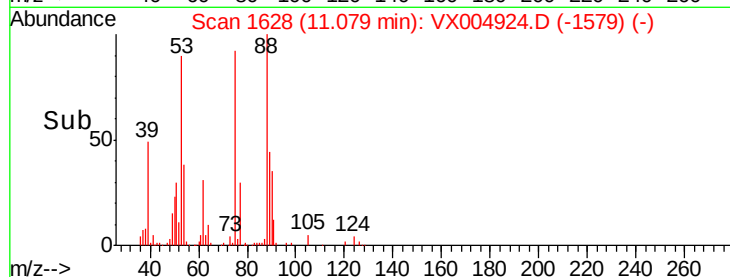
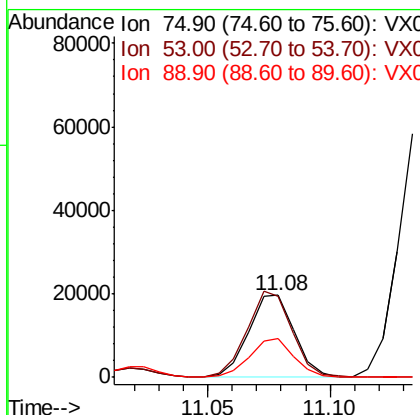
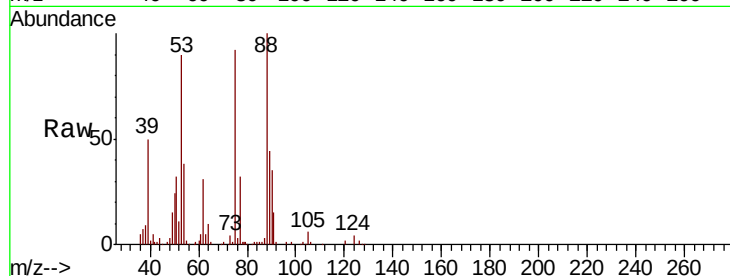
#81
trans-1,4-Dichloro-2-butene
Concen: 17.137 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.5	80.2	120.4
89	46.9	37.1	55.7

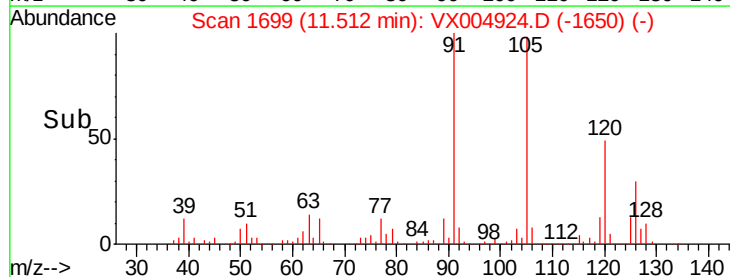
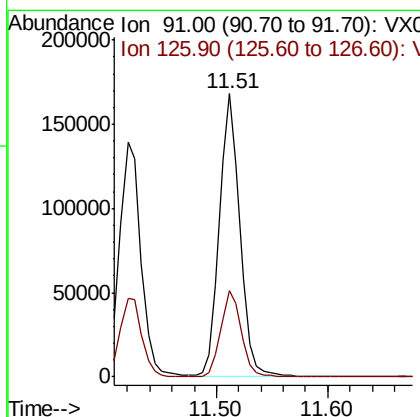
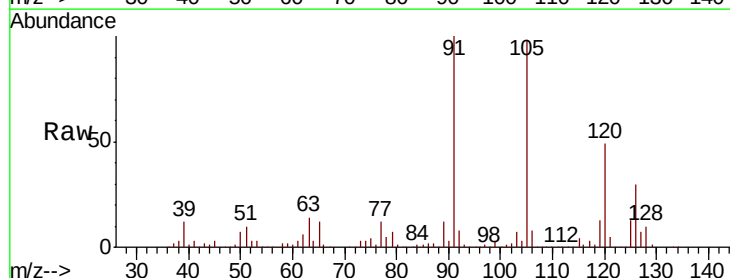
Manual Integrations
APPROVED

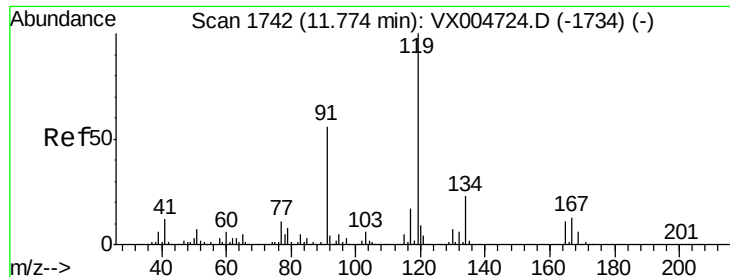
sam
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#82
4-Chlorotoluene
Concen: 20.725 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.5	46.5





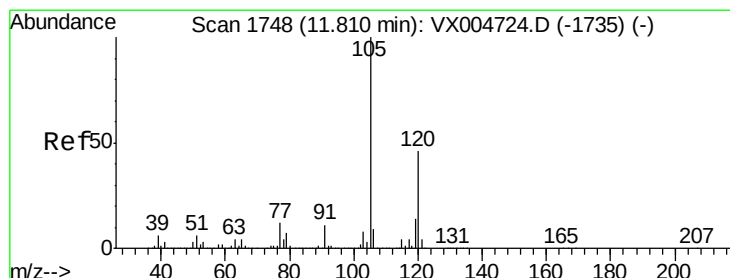
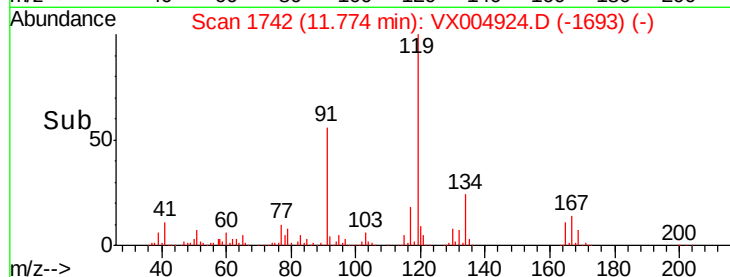
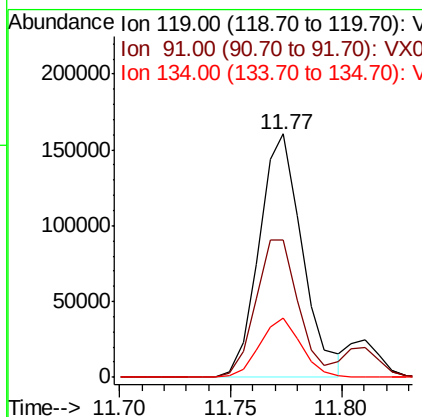
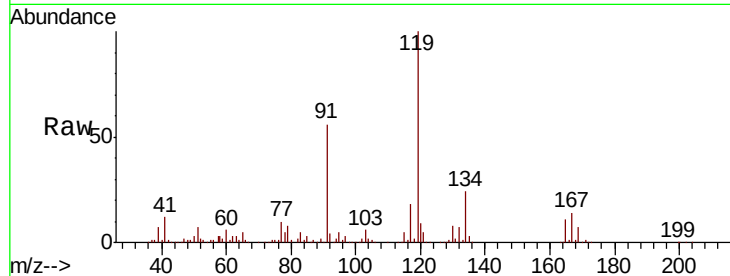
#83
tert-Butylbenzene
Concen: 21.433 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217075		
91	55.5		27.5	82.5
134	23.3		11.5	34.4

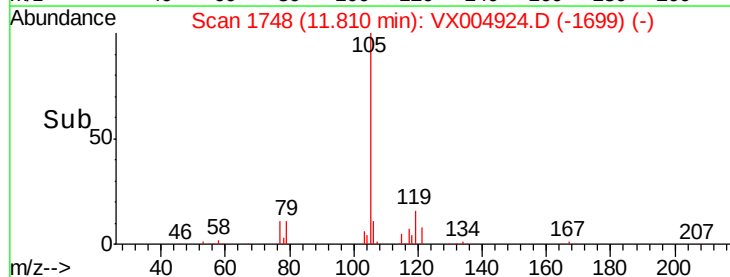
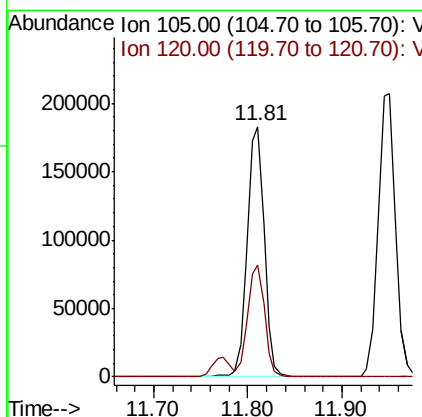
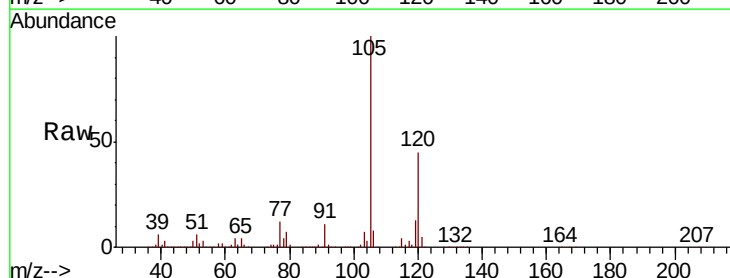
Manual Integrations
APPROVED

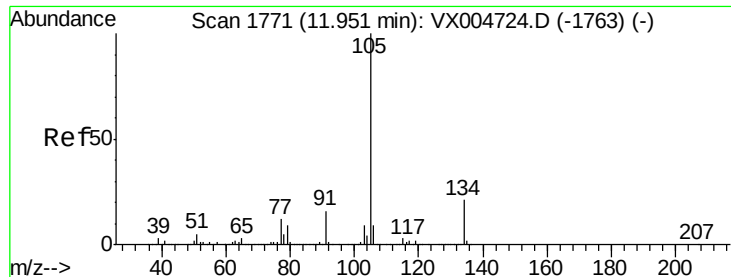
sam
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#84
1,2,4-Trimethylbenzene
Concen: 19.778 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231350		
120	44.3		22.8	68.3





#85

sec-Butylbenzene

Concen: 21.383 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion:105 Resp: 263786

Ion Ratio Lower Upper

105 100

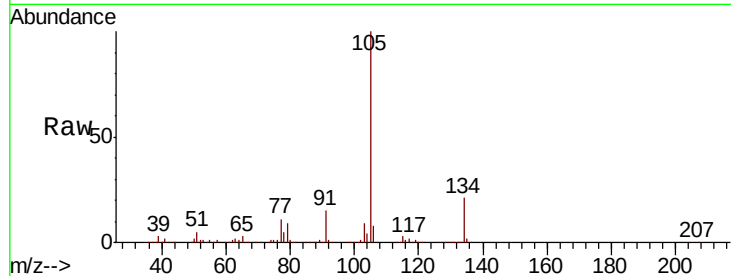
134 20.1 10.2 30.4

Manual Integrations

APPROVED

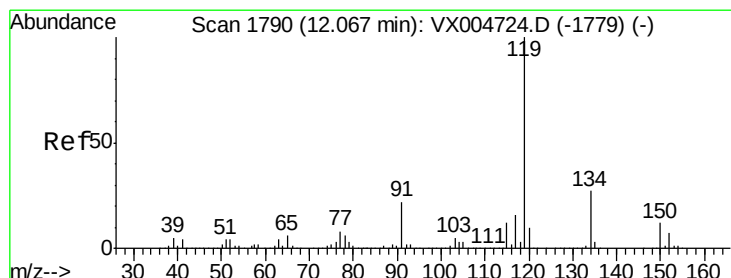
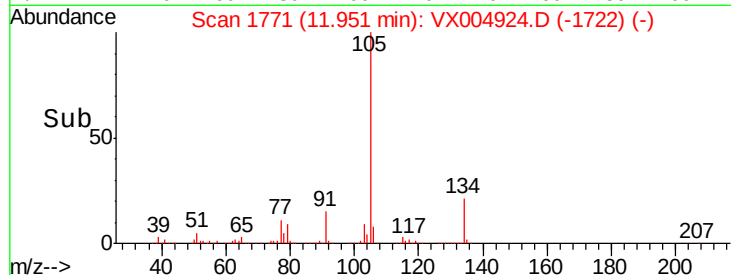
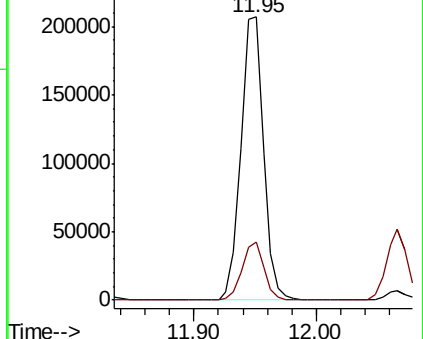
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.166 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

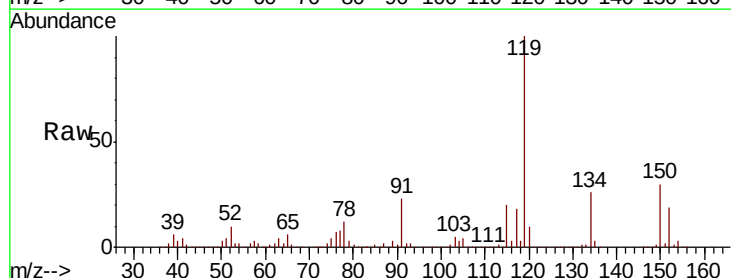
Tgt Ion:119 Resp: 236573

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.1

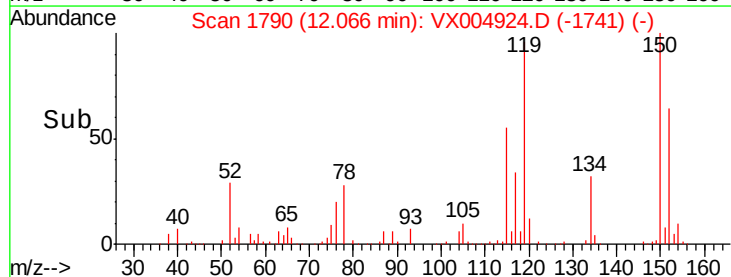
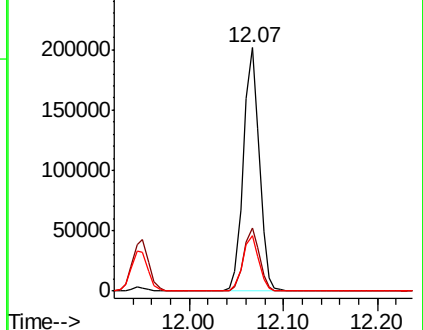
91 23.3 11.5 34.4

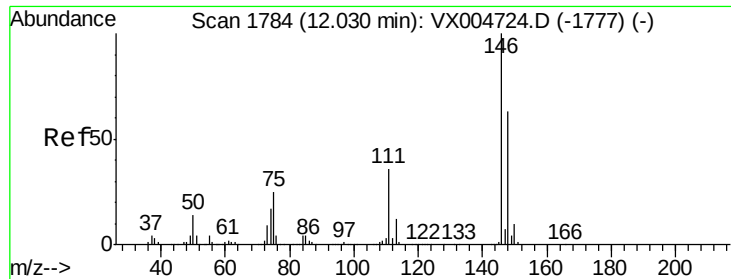


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





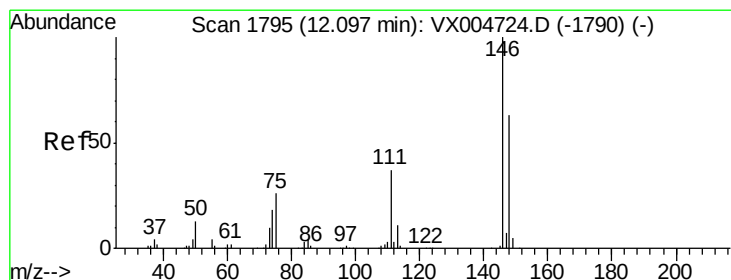
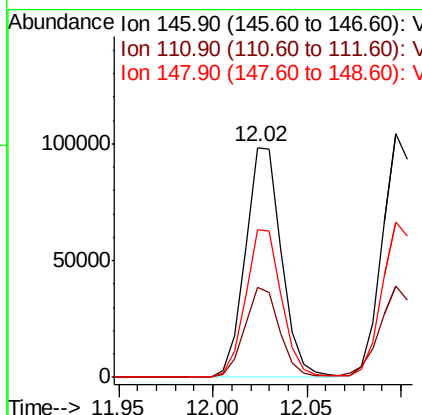
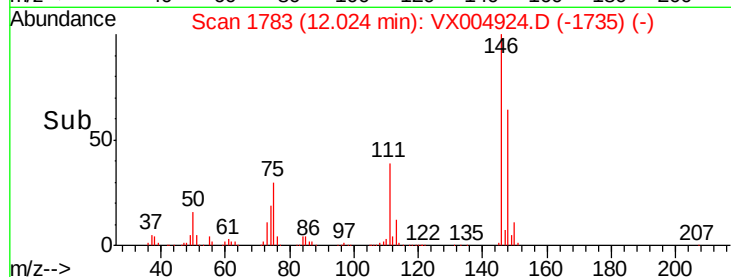
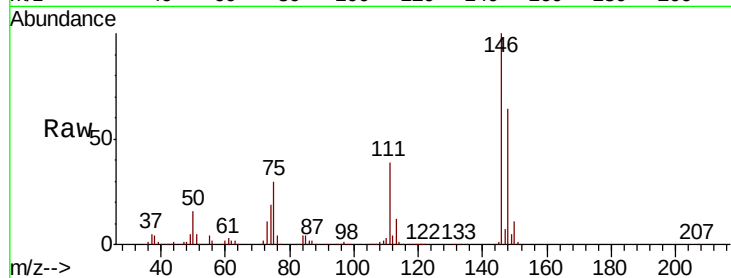
#87
 1,3-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.3	31.8	95.3

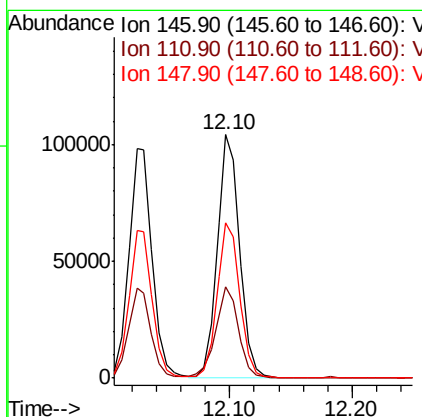
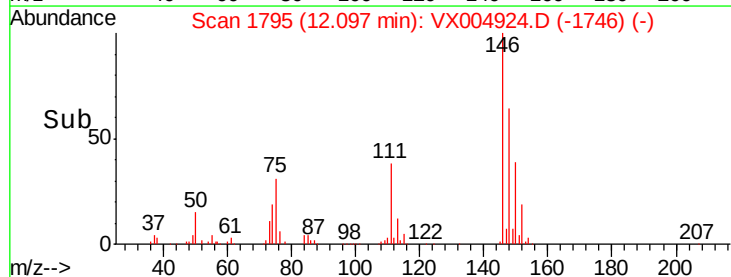
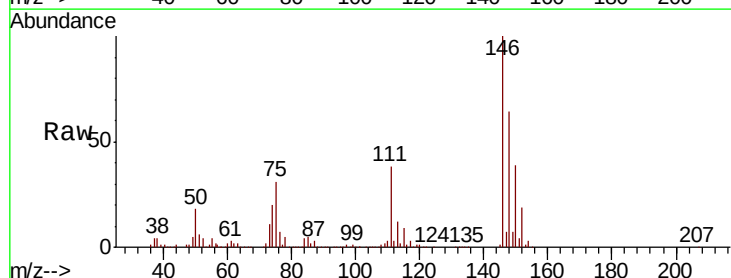
Manual Integrations
 APPROVED

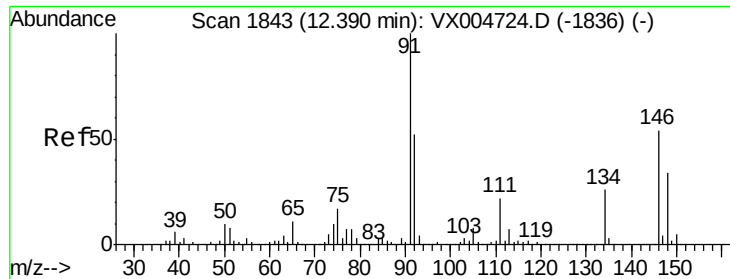
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.2
148	64.6	32.0	96.0





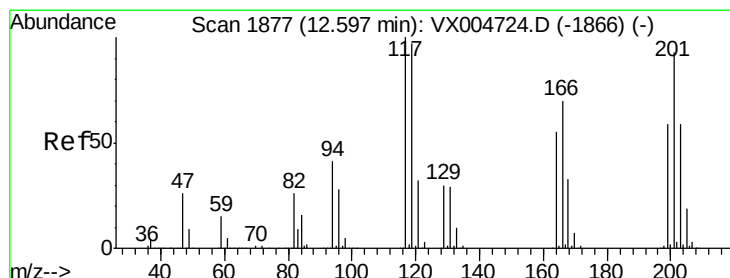
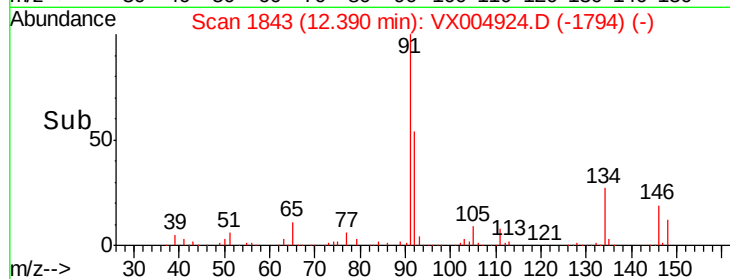
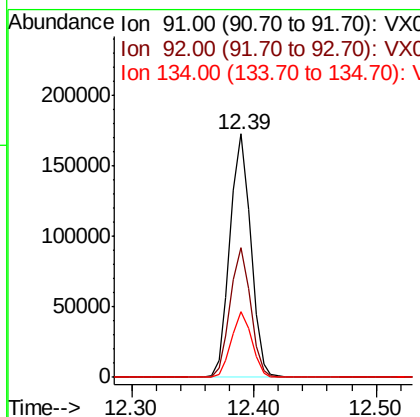
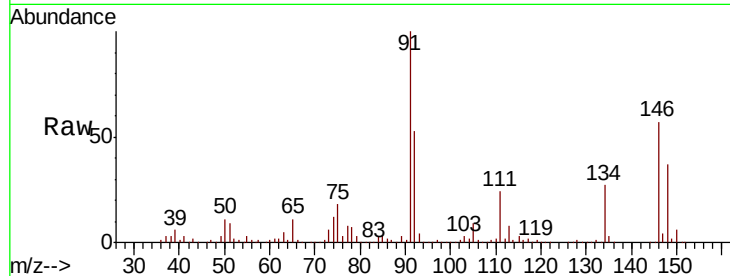
#89
n-Butylbenzene
Concen: 19.964 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.4	13.2	39.6

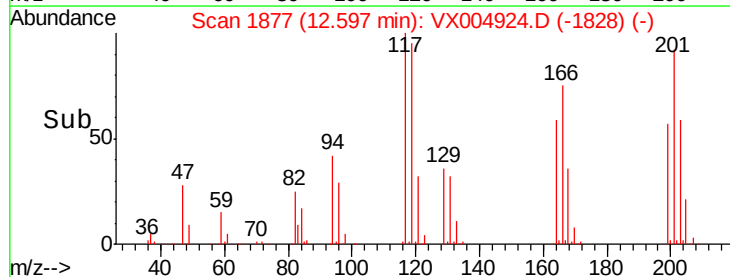
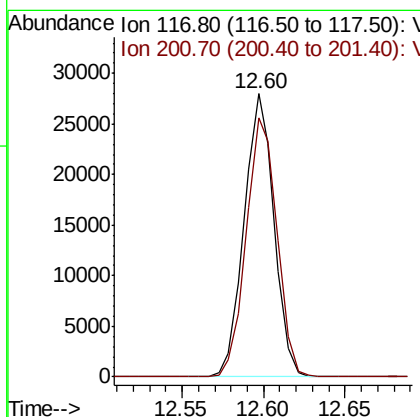
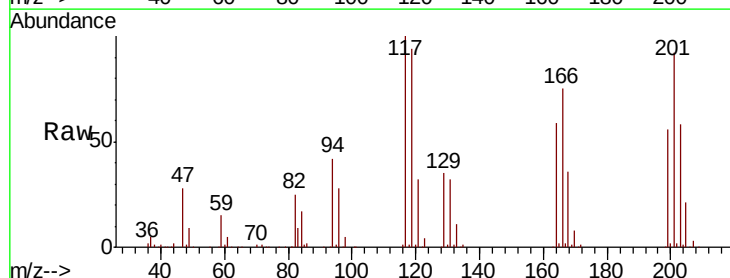
Manual Integrations
APPROVED

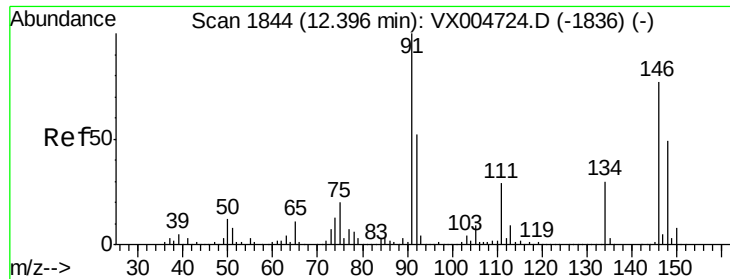
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#90
Hexachloroethane
Concen: 19.185 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	48.4	145.0





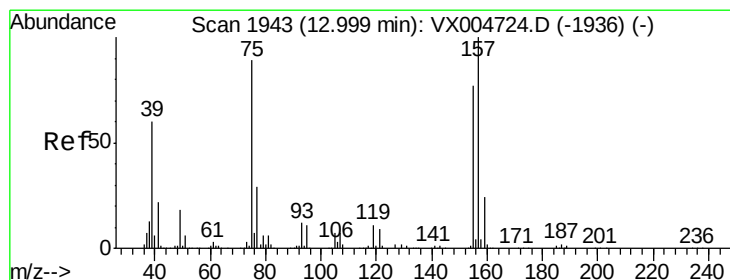
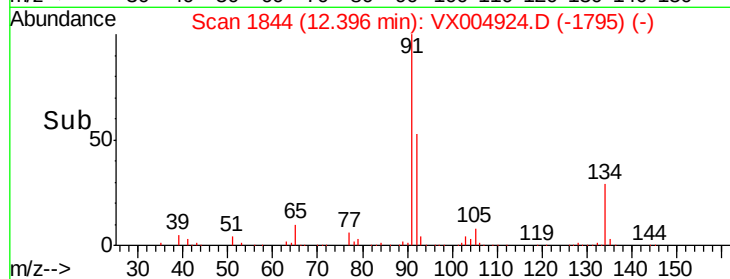
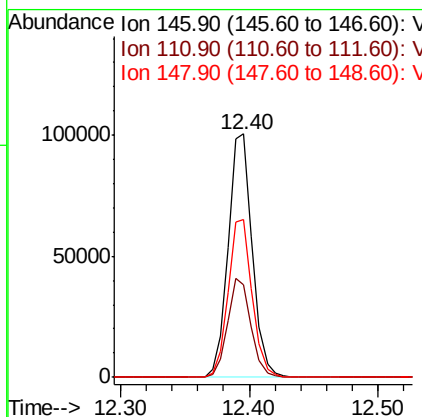
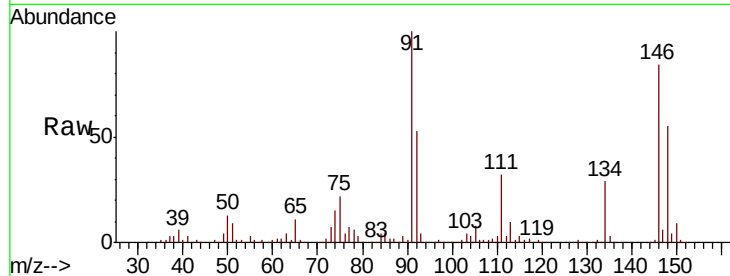
#91
 1,2-Dichlorobenzene
 Concen: 18.931 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	64.6	31.8	95.4

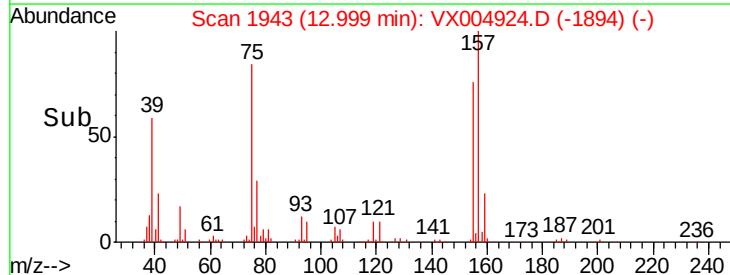
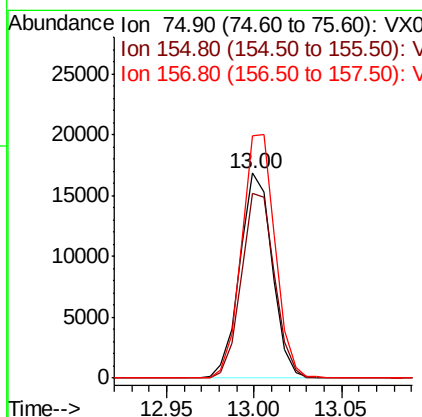
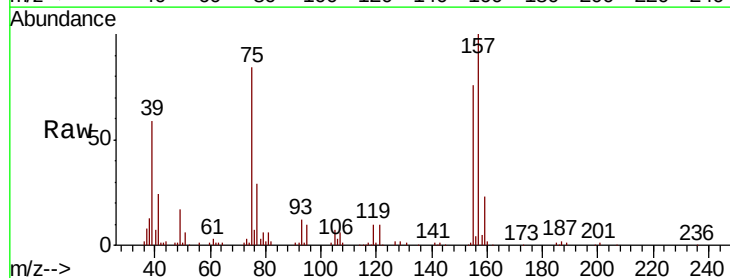
Manual Integrations
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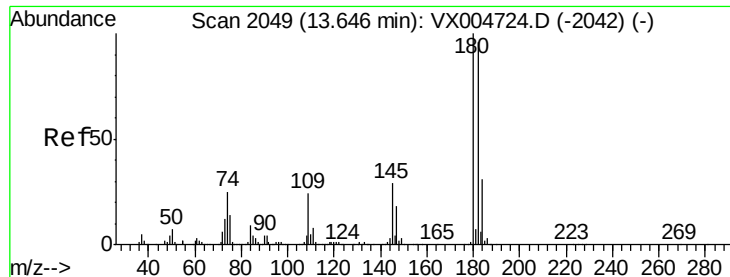
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.717 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.1	46.1	138.3
157	122.4	60.2	180.6





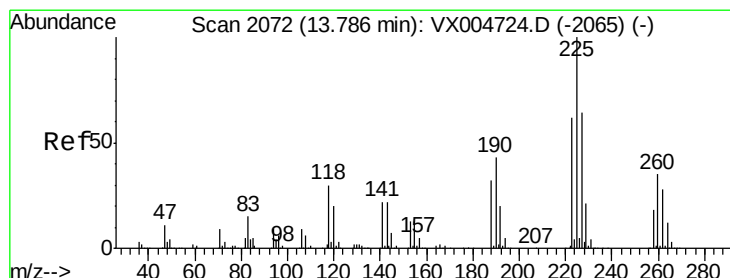
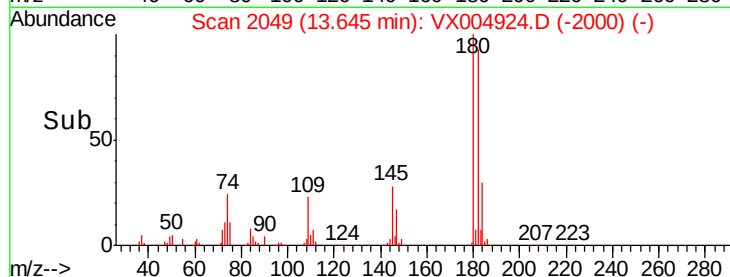
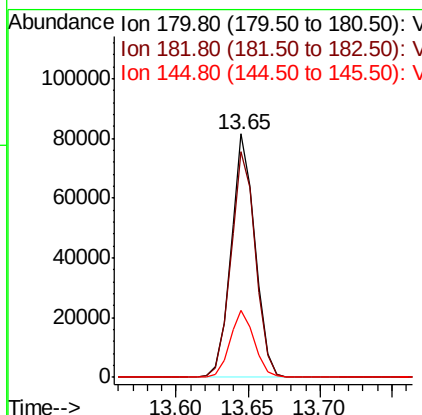
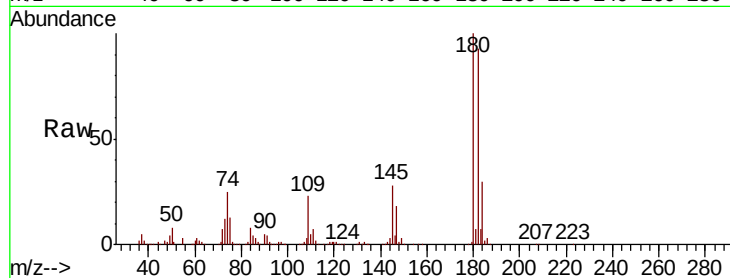
#93
 1,2,4-Trichlorobenzene
 Concen: 19.412 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	27.7	14.1	42.4

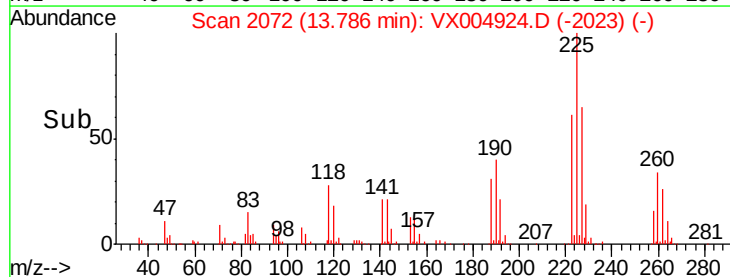
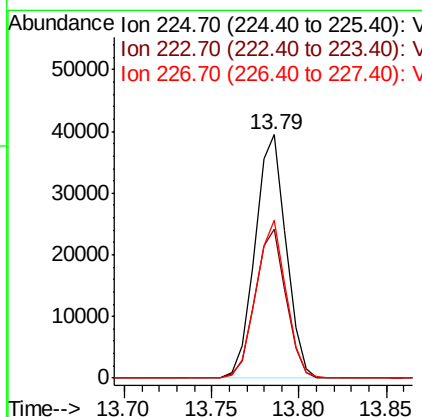
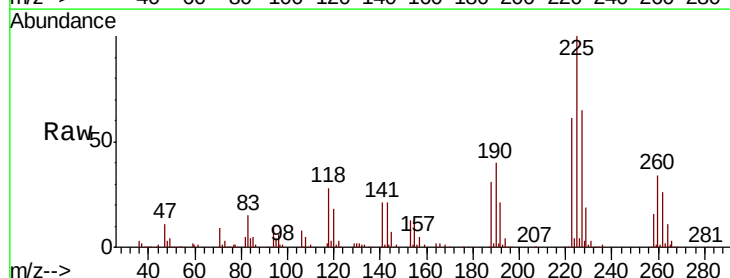
Manual Integrations
 APPROVED

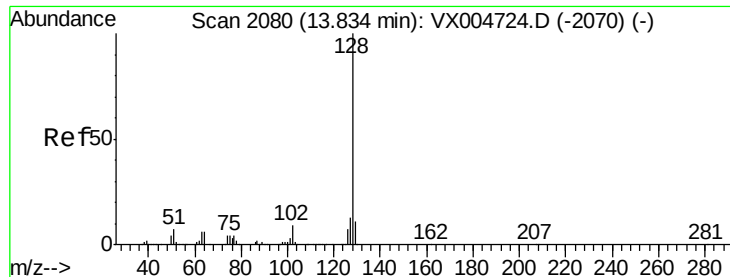
sam
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#94
 Hexachlorobutadiene
 Concen: 19.109 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.3	93.8
227	62.8	31.9	95.5





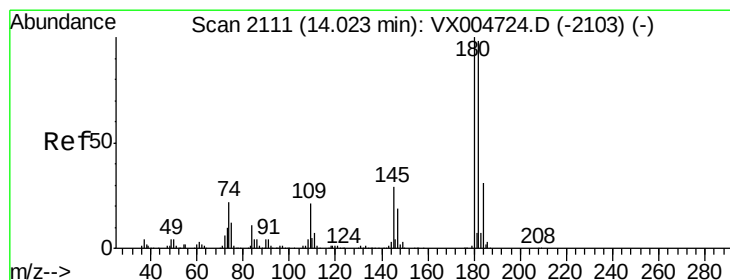
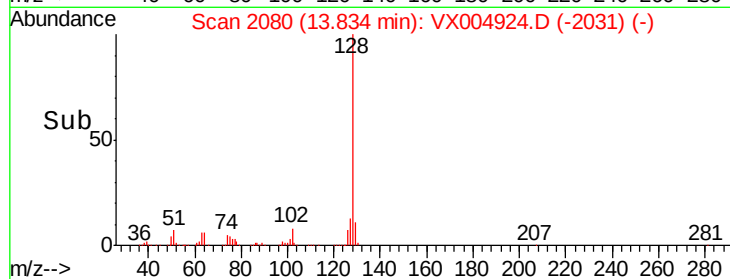
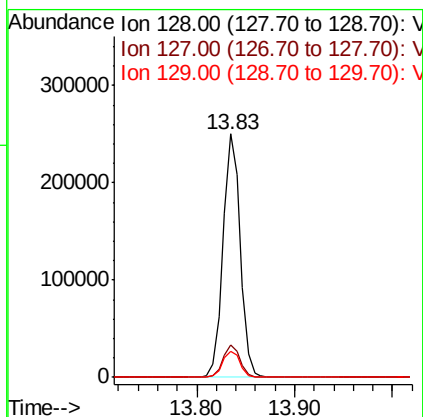
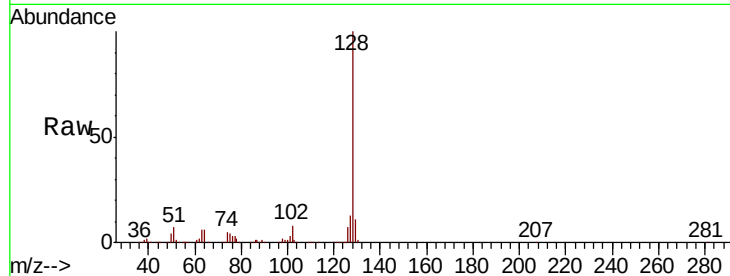
#95
Naphthalene
Concen: 19.191 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

sam
10/3/2018 5:56:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.844 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.9	143.8
145	29.4	15.0	45.0

