

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090419\
 Data File : VX012043.D
 Acq On : 04 Sep 2019 11:08
 Operator : SY/SP
 Sample : VX0904SBS01
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Manual Integrations
 APPROVED

sam
 9/5/2019 2:55:43 PM

Quant Time: Sep 04 13:25:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	138281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	254783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112704	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	91298	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.48	113	73237	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
50) Toluene-d8	8.71	98	277093	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	119017	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25228	19.784	ug/l	99
3) Chloromethane	1.31	50	24793	18.985	ug/l	100
4) Vinyl Chloride	1.40	62	23371	19.021	ug/l	95
5) Bromomethane	1.62	94	11007	18.059	ug/l	100
6) Chloroethane	1.70	64	14911	19.522	ug/l	96
7) Trichlorofluoromethane	1.91	101	38137	19.984	ug/l	98
8) Diethyl Ether	2.17	74	13290	20.152	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27739	19.625	ug/l #	83
10) Methyl Iodide	2.50	142	18124	17.883	ug/l	92
11) Tert butyl alcohol	3.03	59	18399	100.396	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	26109	19.175	ug/l	94
13) Acrolein	2.28	56	6648	128.755	ug/l	96
14) Allyl chloride	2.71	41	48478	19.676	ug/l	98
15) Acrylonitrile	3.12	53	41382	99.858	ug/l	98
16) Acetone	2.43	43	48455	106.248	ug/l	97
17) Carbon Disulfide	2.55	76	66846	16.798	ug/l	97
18) Methyl Acetate	2.76	43	21507	20.019	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	90304	20.371	ug/l	100
20) Methylene Chloride	2.84	84	35282	19.266	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	30640	19.176	ug/l	95
22) Diisopropyl ether	3.84	45	101993	20.309	ug/l	95
23) Vinyl Acetate	3.80	43	326950	100.642	ug/l	97
24) 1,1-Dichloroethane	3.68	63	56731	19.478	ug/l	98
25) 2-Butanone	4.65	43	59982	103.324	ug/l	97
26) 2,2-Dichloropropane	4.57	77	55601	20.677	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	36688	19.588	ug/l	94
28) Bromochloromethane	5.00	49	24464	21.042	ug/l	81
29) Tetrahydrofuran	5.11	42	34124	97.563	ug/l	98
30) Chloroform	5.19	83	62652	20.047	ug/l	97
31) Cyclohexane	5.56	56	45609	19.498	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	55505	20.392	ug/l	96
36) 1,1-Dichloropropene	5.78	75	41791	18.623	ug/l	96
37) Ethyl Acetate	4.82	43	23935	19.615	ug/l	94
38) Carbon Tetrachloride	5.77	117	46411	19.628	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	49490	19.002	ug/l	95
40) Benzene	6.13	78	124604	19.342	ug/l	97
41) Methacrylonitrile	5.03	41	15025	20.647	ug/l	98
42) 1,2-Dichloroethane	6.18	62	46953	20.253	ug/l	96
43) Isopropyl Acetate	6.43	43	49414	19.915	ug/l	100
44) Trichloroethene	7.20	130	33216	19.116	ug/l	86
45) 1,2-Dichloropropane	7.50	63	33406	20.071	ug/l	97
46) Dibromomethane	7.65	93	18788	19.337	ug/l #	74
47) Bromodichloromethane	7.89	83	49105	19.883	ug/l	98
48) Methyl methacrylate	7.76	41	23946	19.194	ug/l	99
49) 1,4-Dioxane	7.73	88	6540	384.546	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	127372	100.926	ug/l	99
52) Toluene	8.78	92	81259	19.386	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49294	19.279	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	56485	19.866	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	27859	20.056	ug/l	95
56) Ethyl methacrylate	9.17	69	39160	19.681	ug/l	97
57) 1,3-Dichloropropane	9.37	76	48134	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	95158	106.081	ug/l	94
59) 2-Hexanone	9.48	43	93751	101.806	ug/l	98
60) Dibromochloromethane	9.57	129	32327	19.527	ug/l	97
61) 1,2-Dibromoethane	9.67	107	26462	19.714	ug/l	100
64) Tetrachloroethene	9.33	164	28168	19.609	ug/l #	87
65) Chlorobenzene	10.14	112	88624	19.494	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	33534	20.173	ug/l	98
67) Ethyl Benzene	10.25	91	164857	19.893	ug/l	97
68) m/p-Xylenes	10.36	106	121279	39.721	ug/l	92
69) o-Xylene	10.70	106	59180	19.989	ug/l	92
70) Styrene	10.71	104	102762	19.983	ug/l	95
71) Bromoform	10.85	173	17477	19.142	ug/l #	100
73) Isopropylbenzene	11.01	105	165515	20.016	ug/l	96
74) N-amyl acetate	10.89	43	46625	19.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34197	19.837	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	26300m	19.099	ug/l	
77) Bromobenzene	11.25	156	36392	19.677	ug/l	69
78) n-propylbenzene	11.35	91	192547	19.274	ug/l	95
79) 2-Chlorotoluene	11.42	91	117823	19.467	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	142523	19.667	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.07	75	11083	19.027	ug/l	94
82) 4-Chlorotoluene	11.51	91	140324	19.452	ug/l	92
83) tert-Butylbenzene	11.76	119	135820	19.664	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	144313	19.376	ug/l	95
85) sec-Butylbenzene	11.94	105	169238	19.727	ug/l	94
86) p-Isopropyltoluene	12.06	119	150583	19.300	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	71871	19.394	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	72113	19.461	ug/l	93
89) n-Butylbenzene	12.39	91	145946	19.257	ug/l	97
90) Hexachloroethane	12.59	117	28737	18.447	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	67101	20.104	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6696	18.561	ug/l	67

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Misc : 5.00µ/5.0mL/MSVOA X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44251	18.627	ug/l	95
94) Hexachlorobutadiene	13.78	225	22066	18.427	ug/l	99
95) Naphthalene	13.83	128	92524	17.996	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	37403	17.896	ug/l	94

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

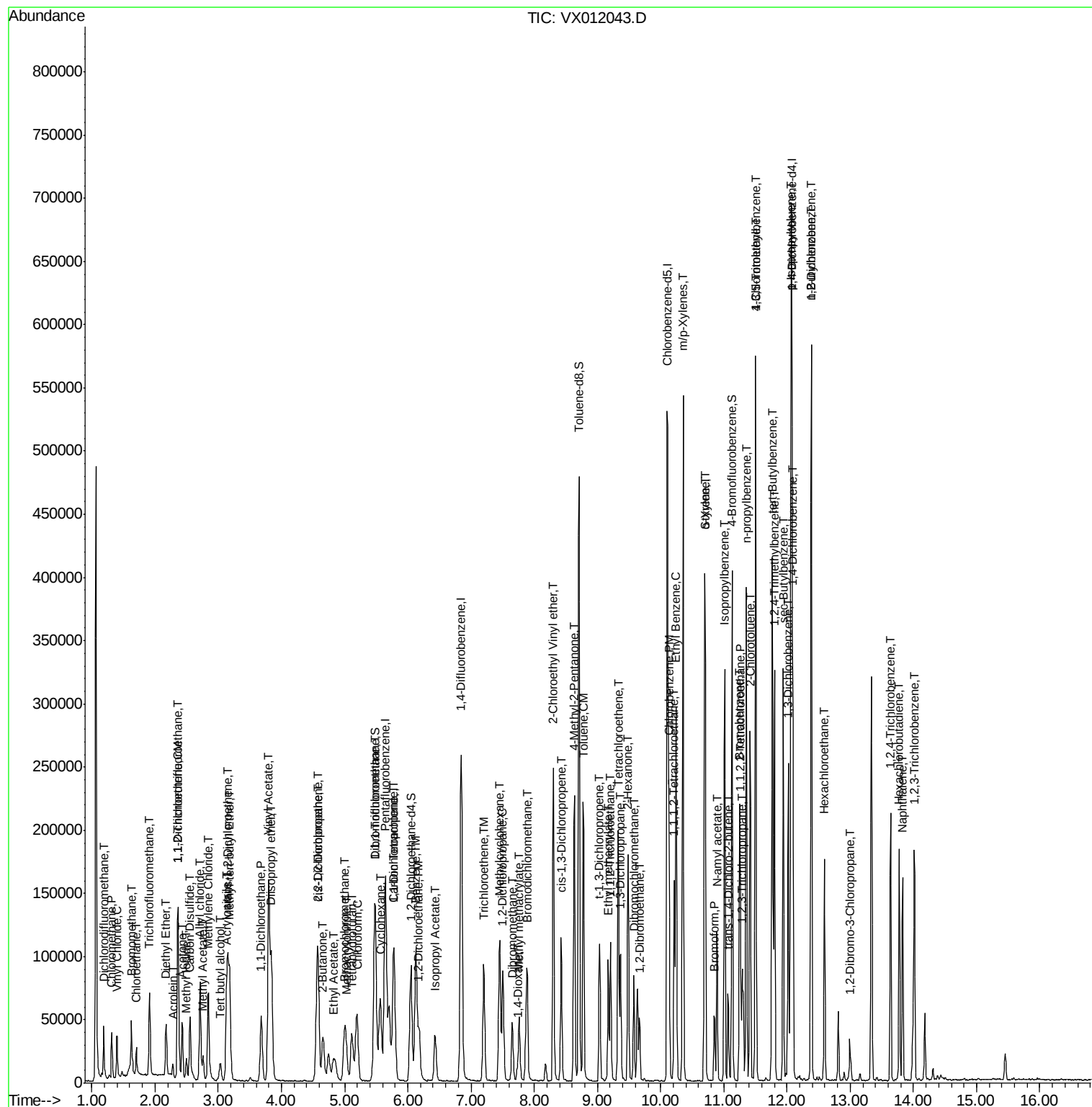
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 Data File : VX012043.D
 Acq On : 04 Sep 2019 11:08
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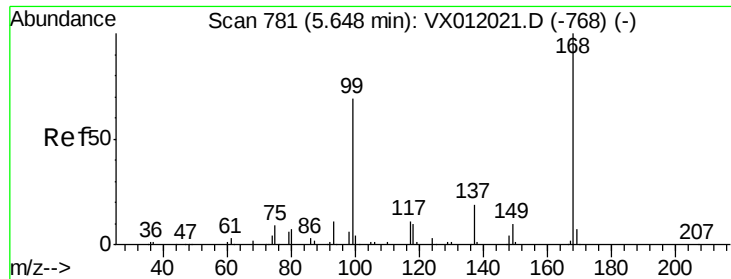
Instrument :
 MSVOA_X
 Client Sampled :
 VX0904SBS01

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion:168 Resp: 138281

Ion Ratio Lower Upper

168 100

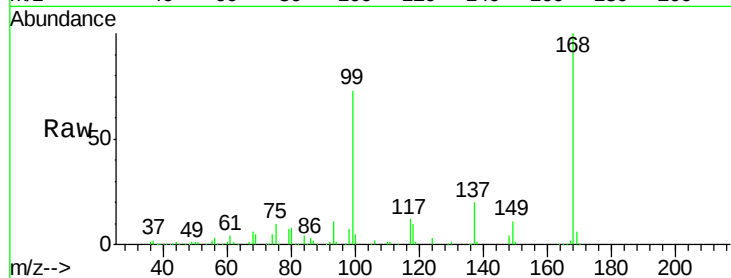
99 72.6 37.6 56.4#

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

5.64

50000

40000

30000

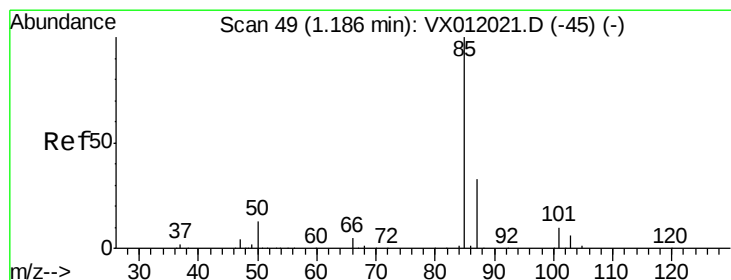
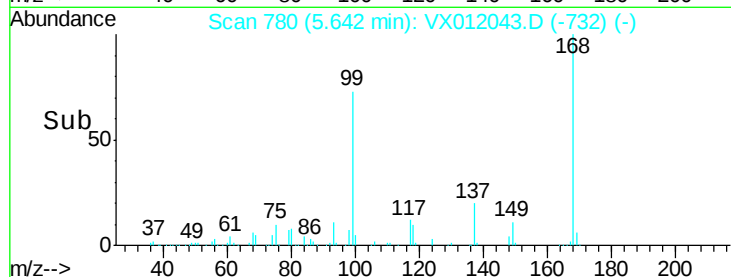
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.784 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012043.D

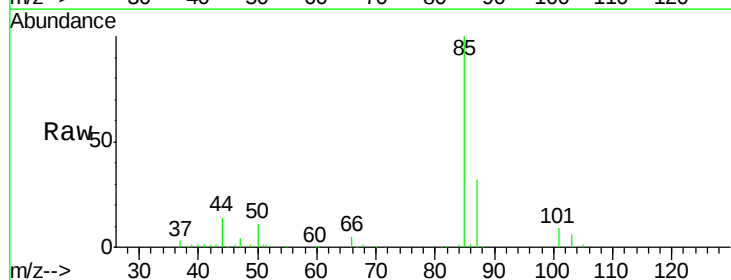
Acq: 04 Sep 2019 11:08

Tgt Ion: 85 Resp: 25228

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

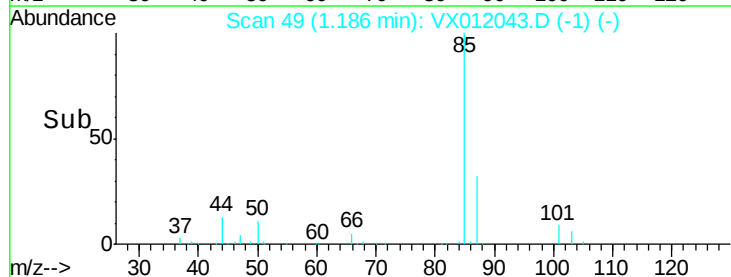
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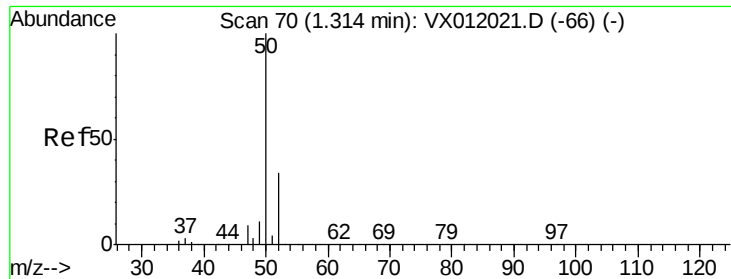
5000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.985 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 50 Resp: 24793

Ion Ratio Lower Upper

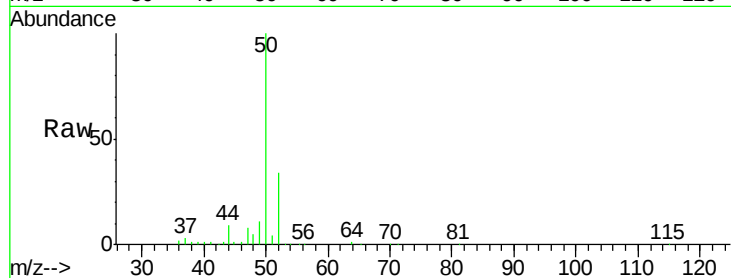
50 100

52 33.3 26.5 39.7

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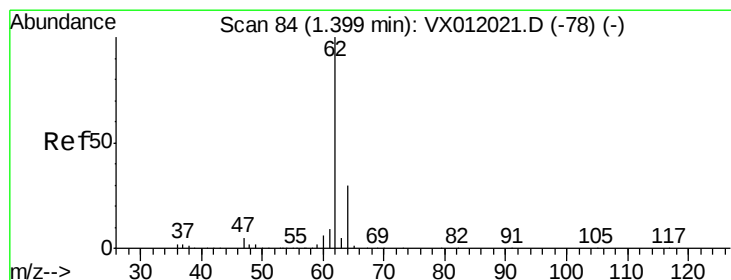
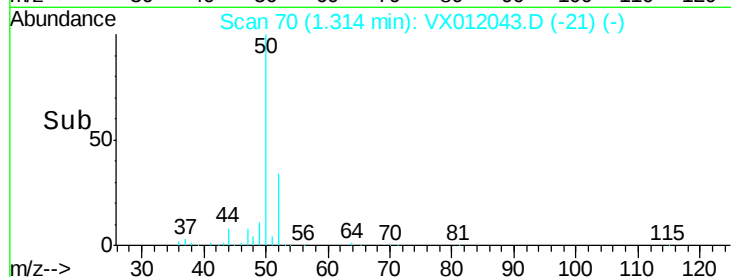
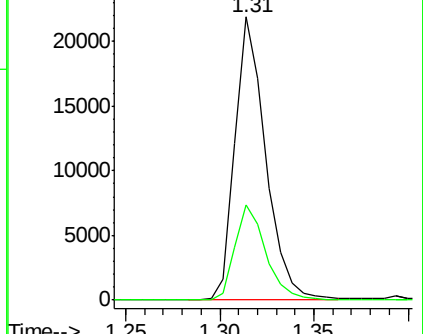
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.021 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012043.D

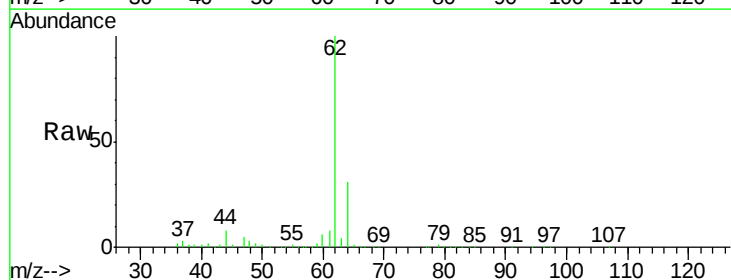
Acq: 04 Sep 2019 11:08

Tgt Ion: 62 Resp: 23371

Ion Ratio Lower Upper

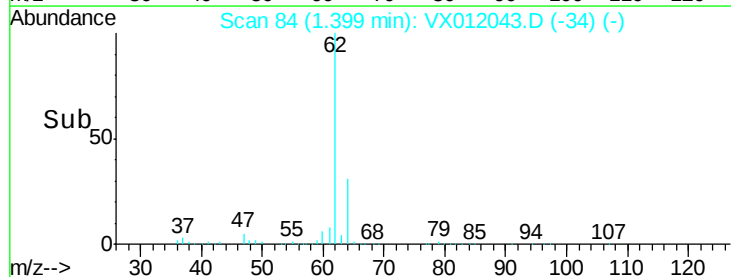
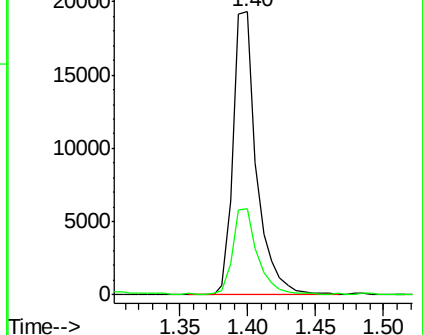
62 100

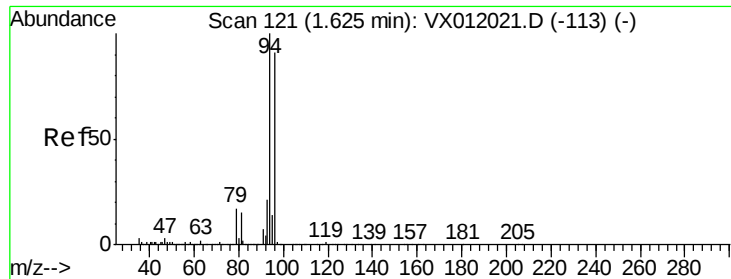
64 30.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.059 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

VX0904SBS01

Tot Ion: 94 Resp: 11007

Ion Ratio Lower Upper

94 100

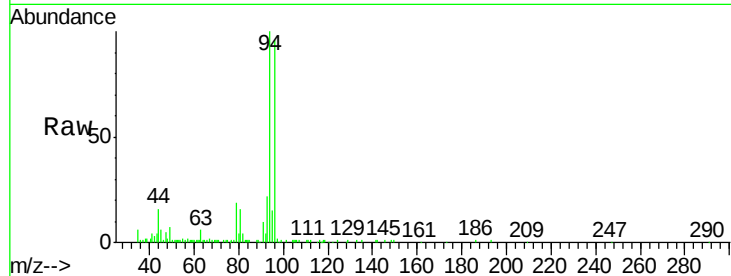
96 95.6 76.3 114.5

Manual Integrations

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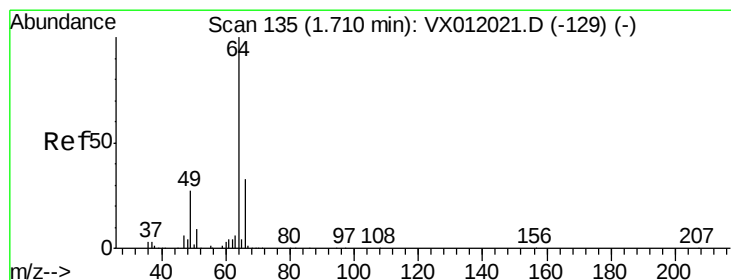
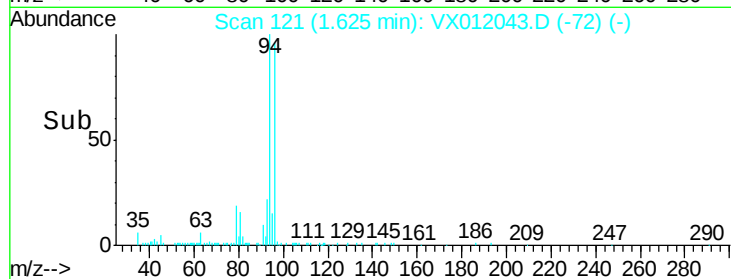
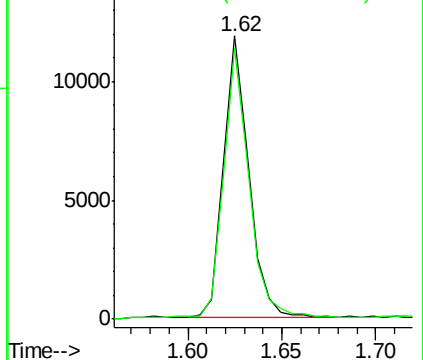
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.522 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012043.D

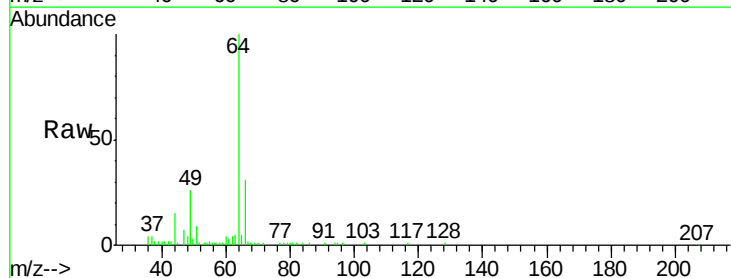
Acq: 04 Sep 2019 11:08

Tgt Ion: 64 Resp: 14911

Ion Ratio Lower Upper

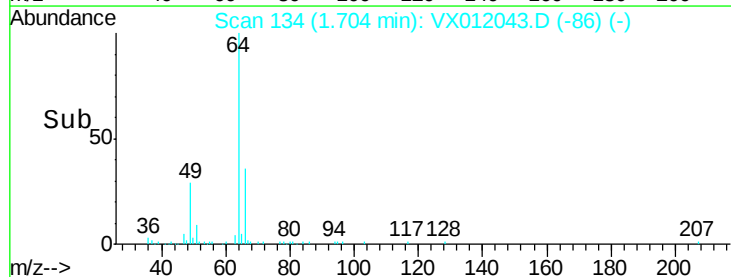
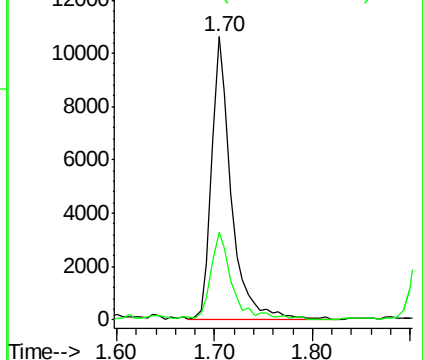
64 100

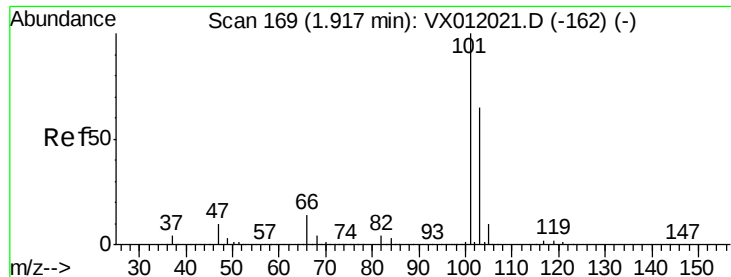
66 30.8 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

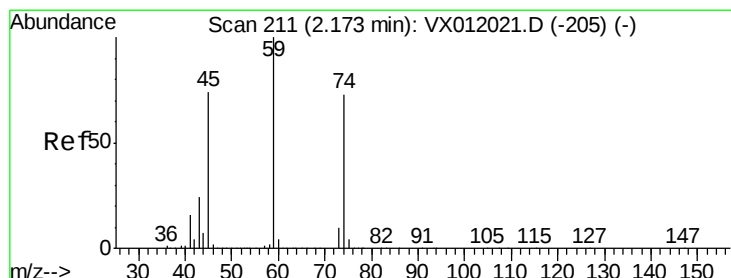
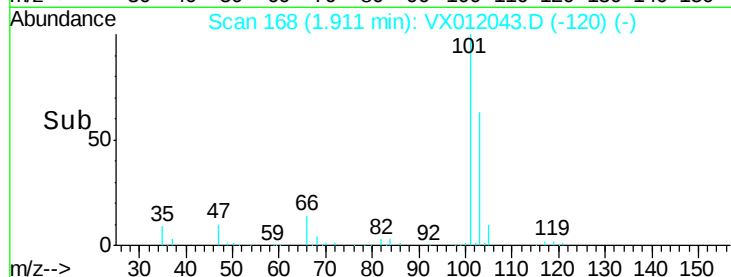
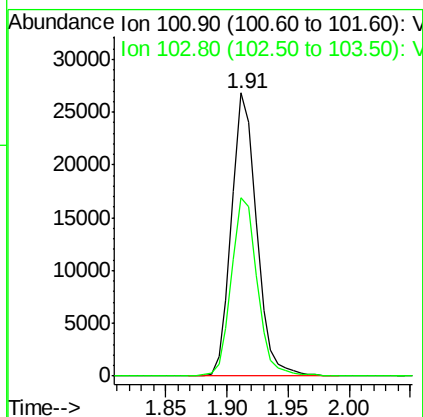
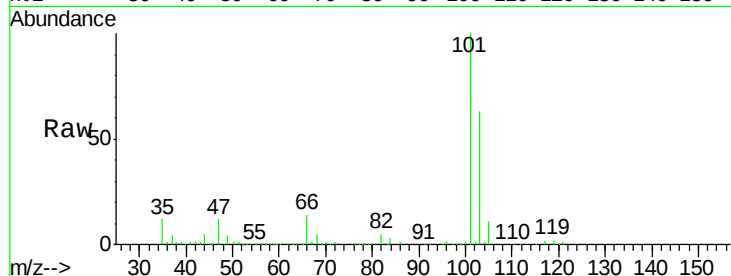
Trichlorofluoromethane
 Concen: 19.984 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
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 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.6	77.4

Manual Integrations
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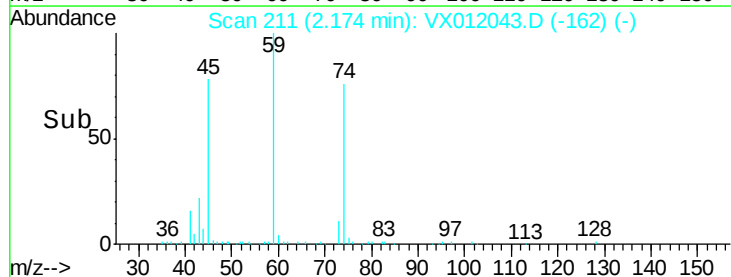
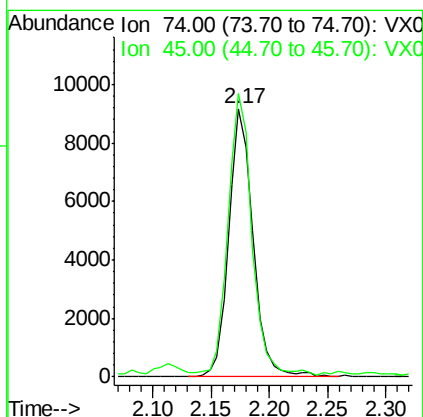
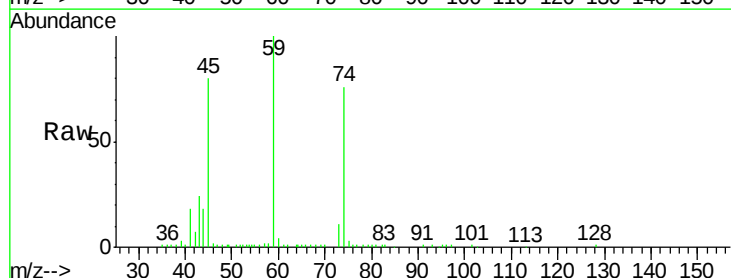
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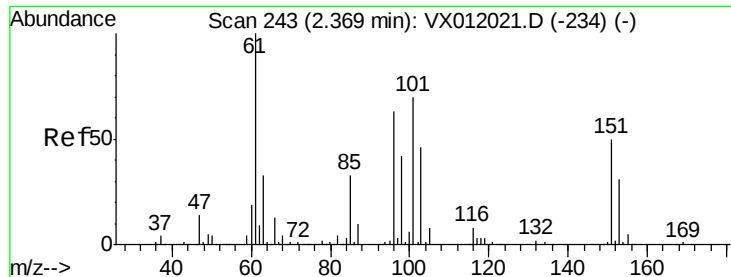


#8

Diethyl Ether
 Concen: 20.152 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.625 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

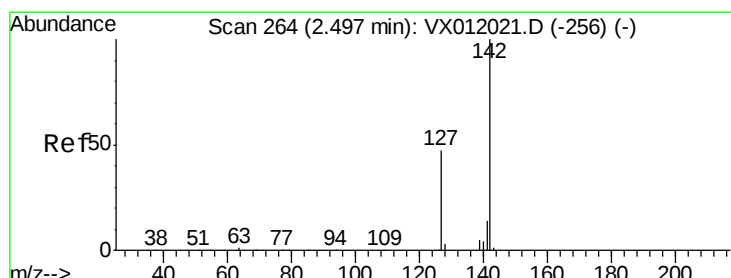
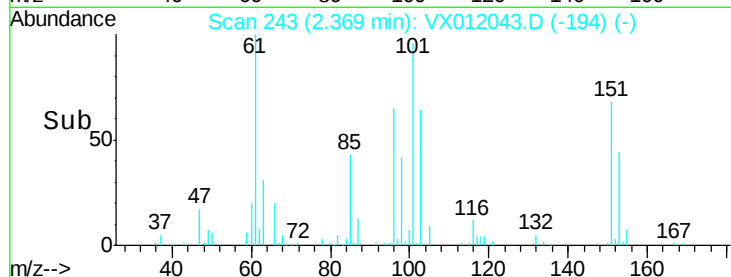
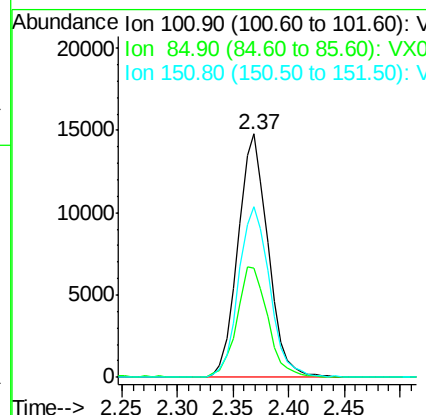
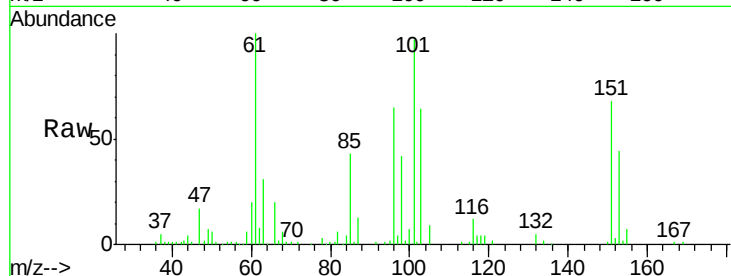
ClientSampleId :

VX0904SBS01

Tot Ion:	101	Resp:	27739
Ion Ratio	Lower	Upper	
101	100		
85	46.5	34.5	51.7
151	72.5	75.0	112.4#

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#10

Methyl Iodide

Concen: 17.883 ug/l

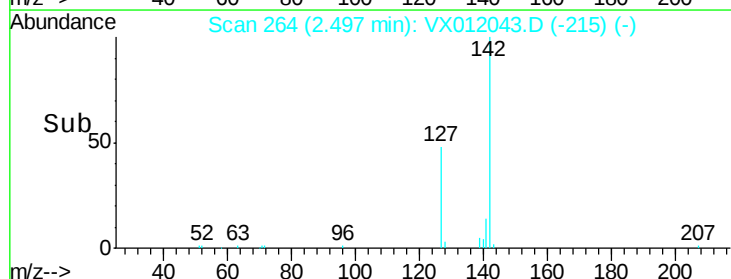
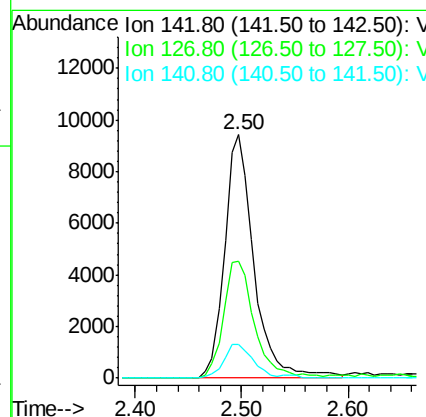
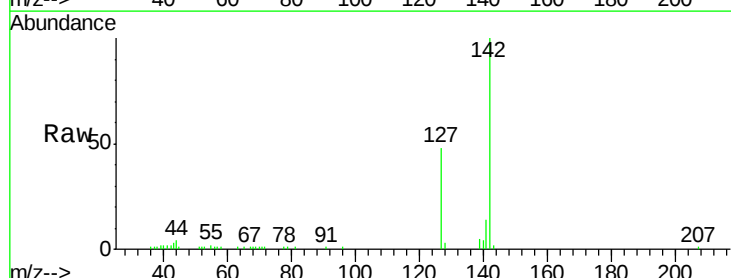
RT: 2.50 min Scan# 264

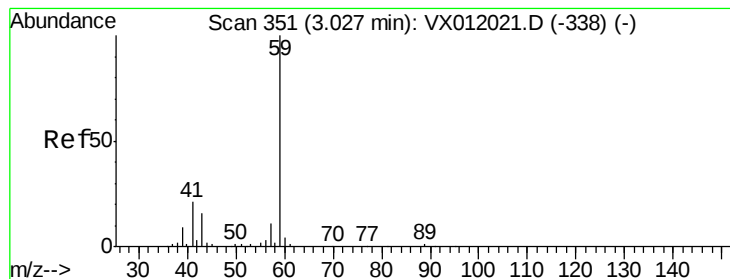
Delta R.T. 0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	142	Resp:	18124
Ion Ratio	Lower	Upper	
142	100		
127	50.8	35.4	53.2
141	13.8	11.4	17.2





#11

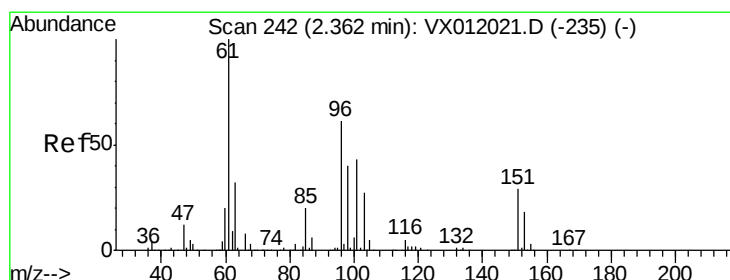
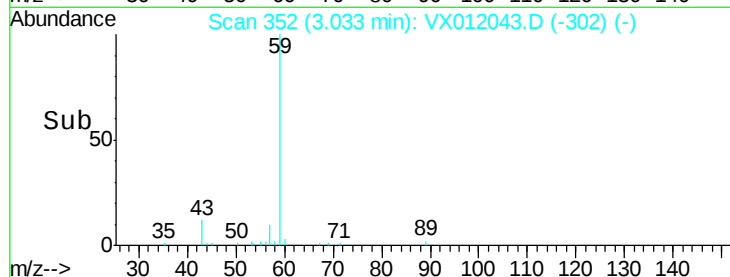
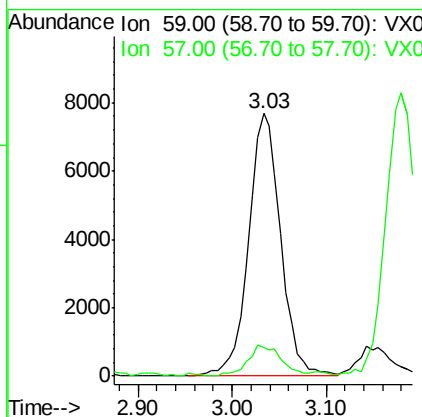
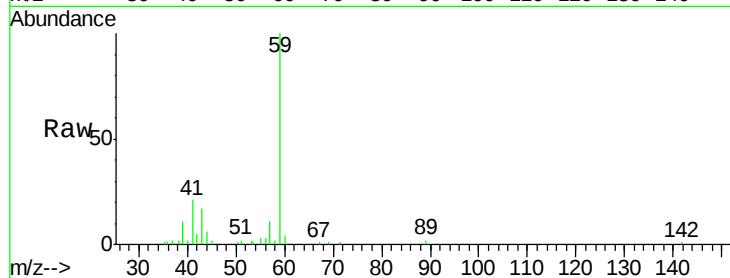
Tert butyl alcohol
 Concen: 100.396 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	59	Resp	18399
Ion Ratio	100	Lower	Upper
57	12.3	7.9	11.9#

Manual Integrations
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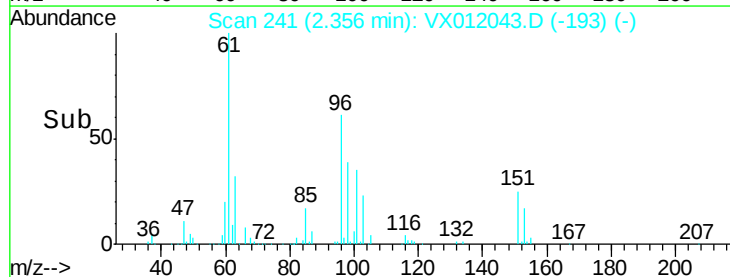
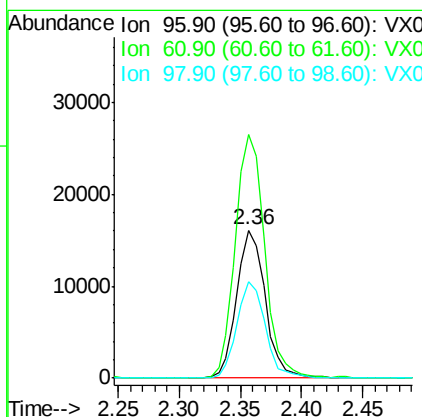
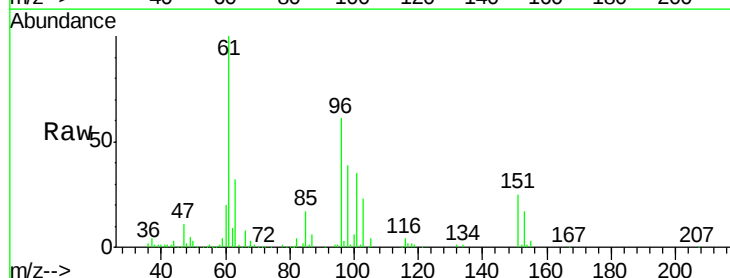
sam
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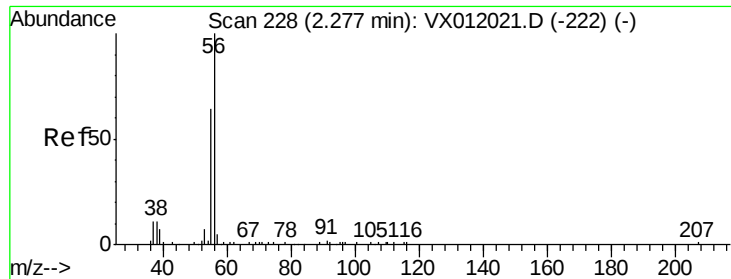


#12

1,1-Dichloroethene
 Concen: 19.175 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	96	Resp	26109
Ion Ratio	100	Lower	Upper
61	164.3	124.1	186.1
98	64.9	50.2	75.2





#13

Acrolein

Concen: 128.755 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 56 Resp: 6648

Ion Ratio Lower Upper

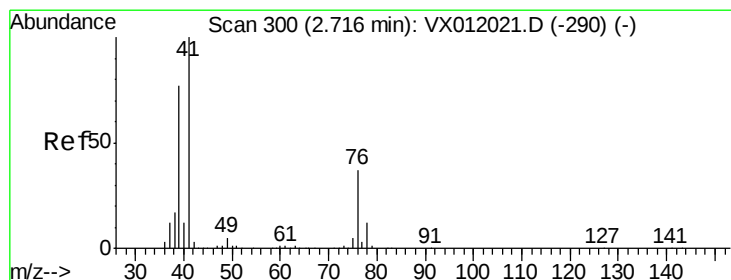
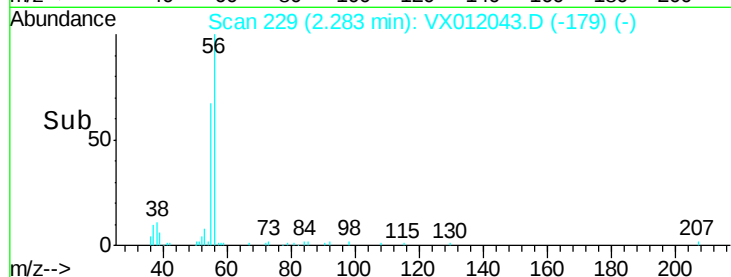
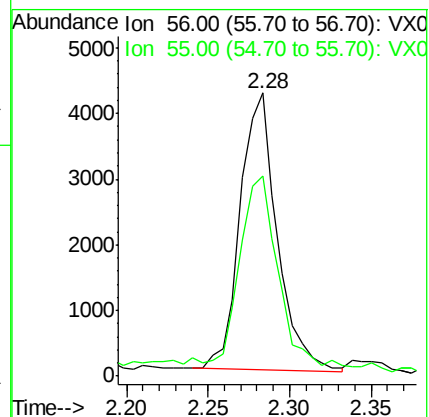
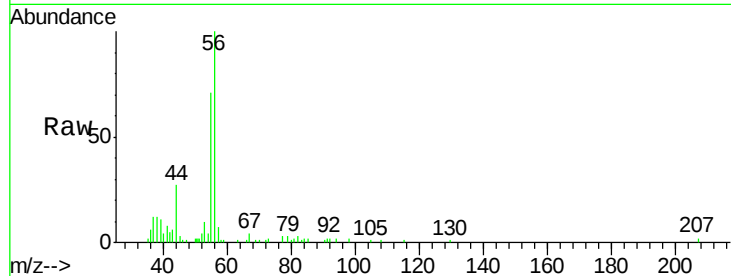
56 100

55 70.9 59.2 88.8

Manual Integrations
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#14

Allyl chloride

Concen: 19.676 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

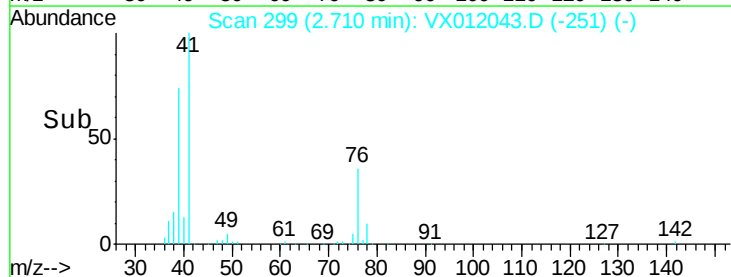
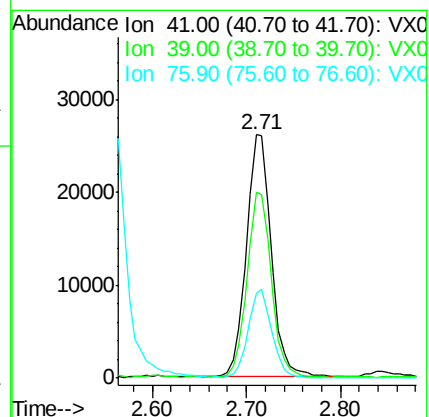
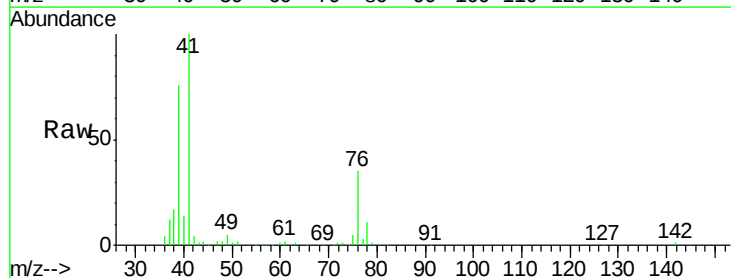
Tgt Ion: 41 Resp: 48478

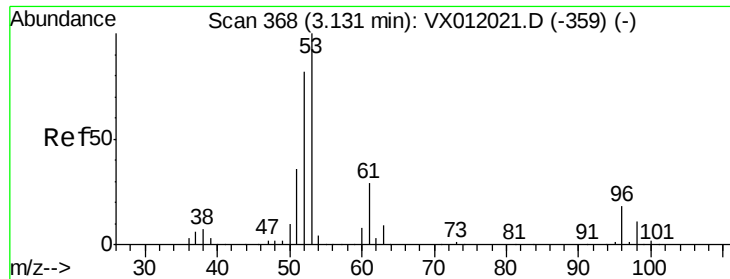
Ion Ratio Lower Upper

41 100

39 74.1 57.9 86.9

76 35.0 28.5 42.7





#15

Acrylonitrile

Concen: 99.858 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

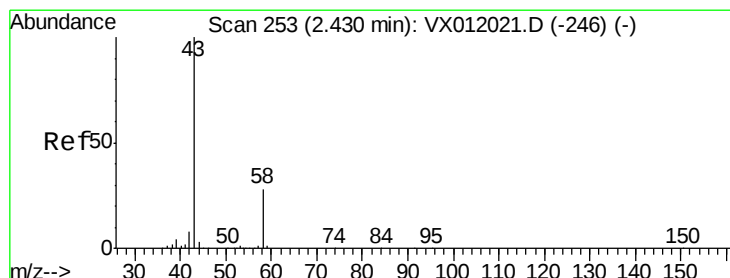
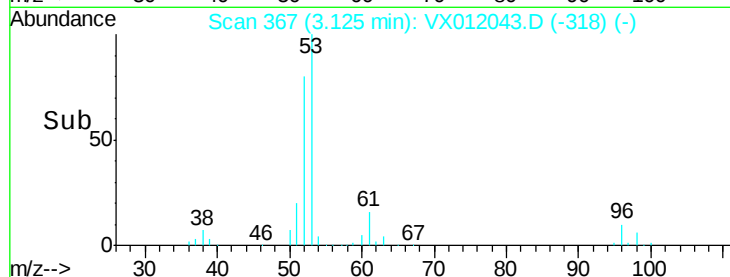
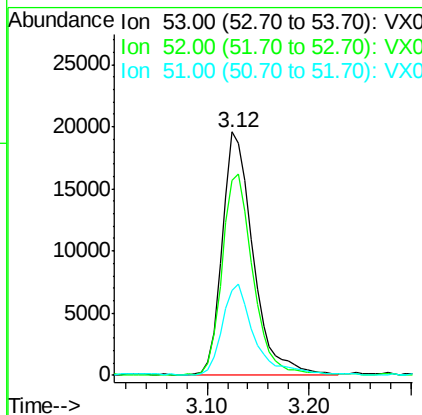
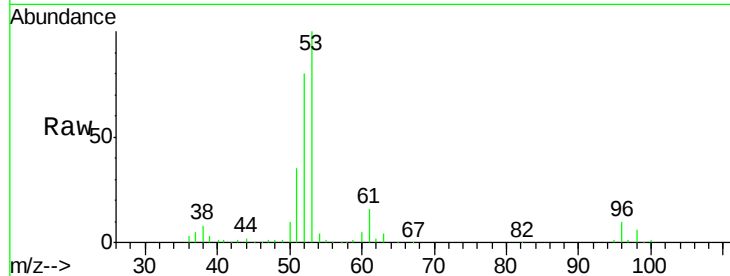
ClientSampled :

VX0904SBS01

Tot Ion:	53	Resp:	41382
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.6	98.4
51	39.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 106.248 ug/l

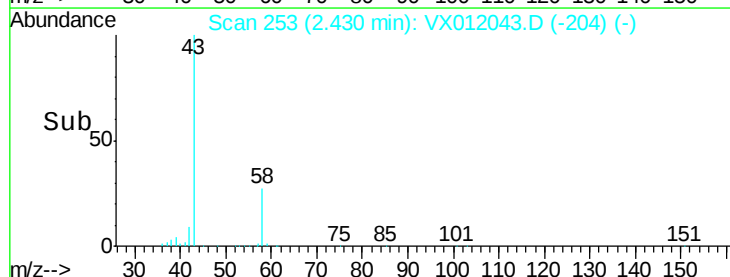
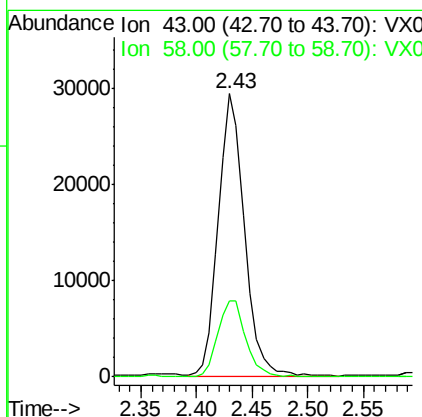
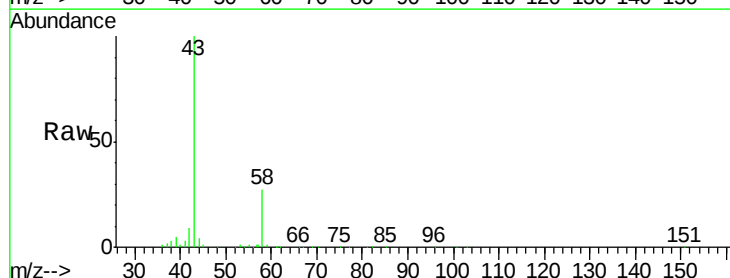
RT: 2.43 min Scan# 253

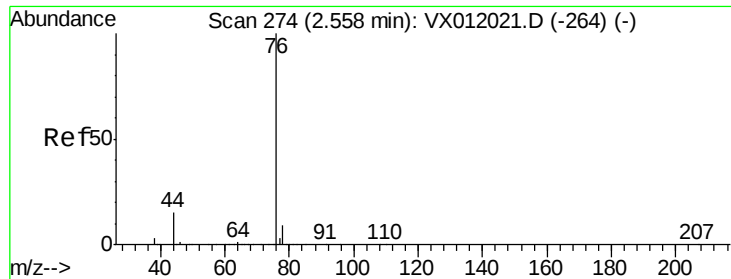
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	43	Resp:	48455
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.8	34.2





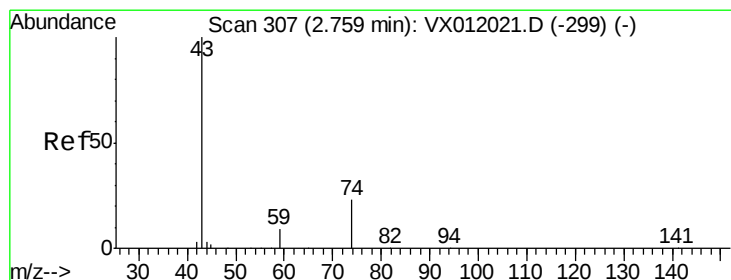
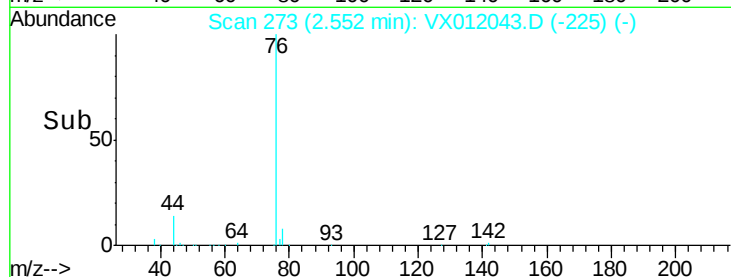
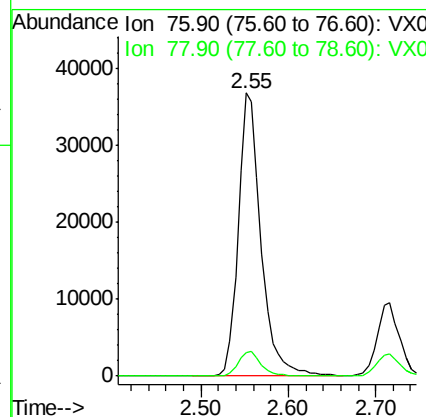
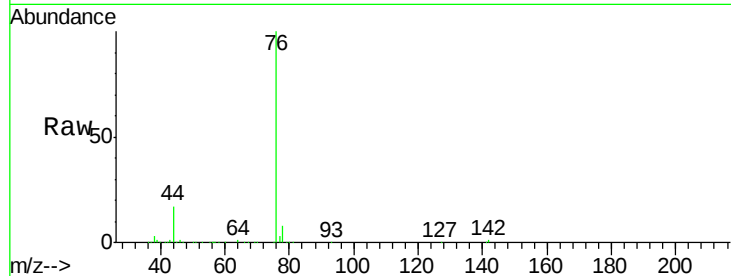
#17
Carbon Disulfide
Concen: 16.798 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.4	11.2

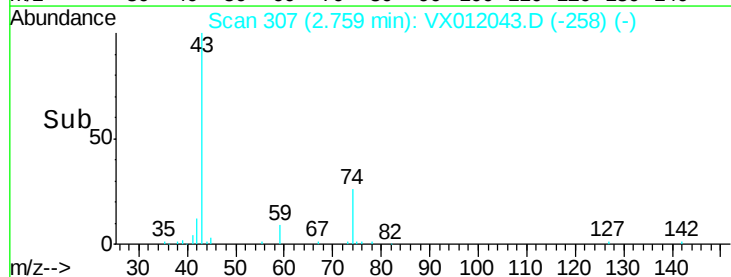
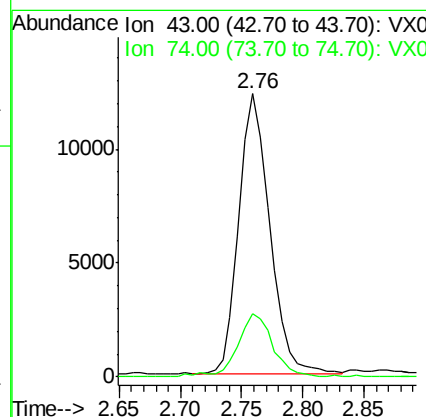
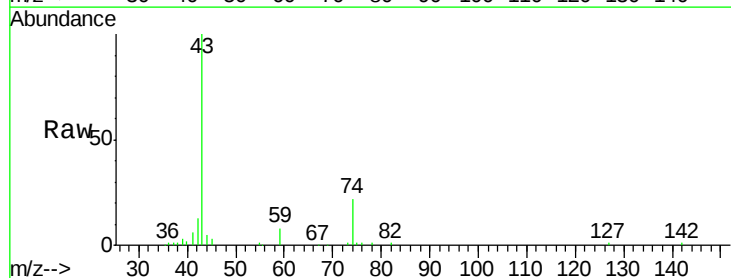
Manual Integrations
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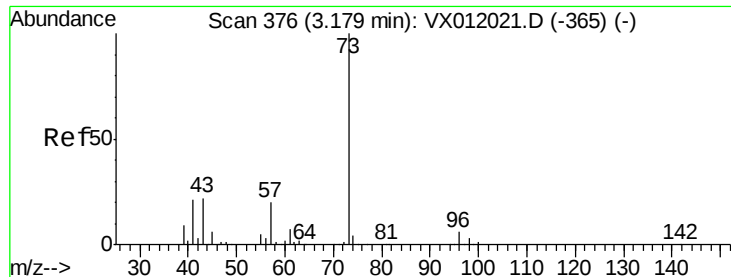
sam
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#18
Methyl Acetate
Concen: 20.019 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.5	29.3





#19

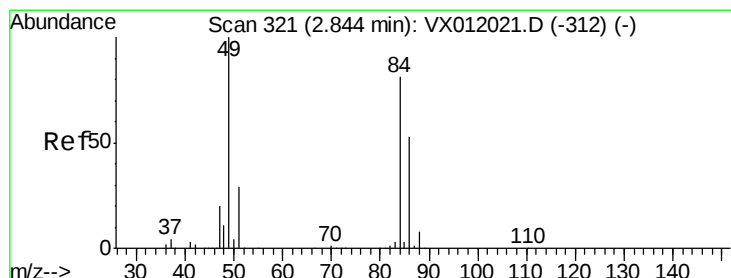
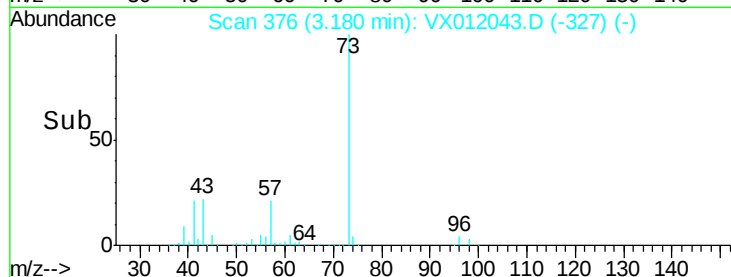
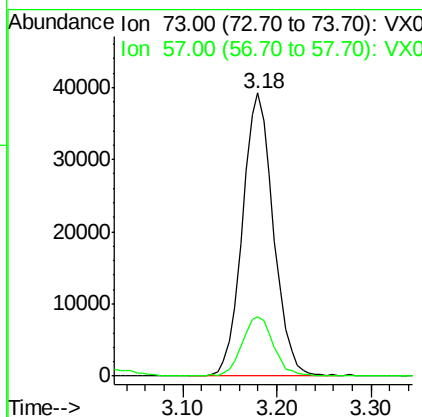
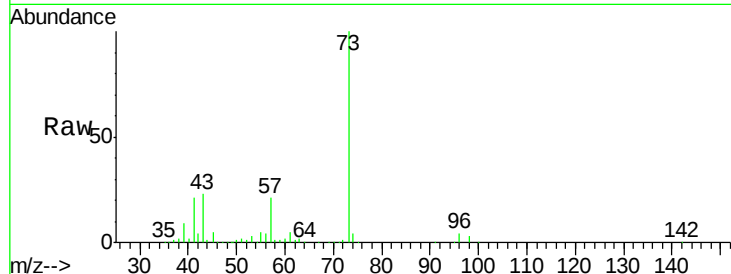
Methyl tert-butyl Ether
 Concen: 20.371 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.6	25.0

Manual Integrations
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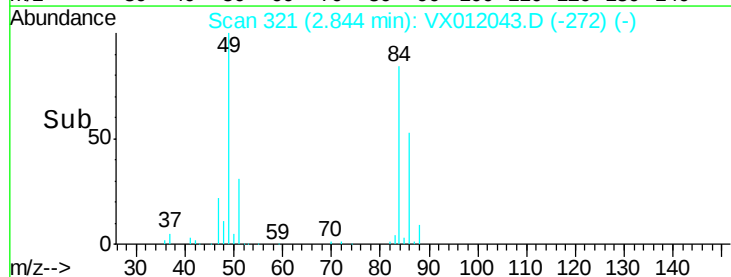
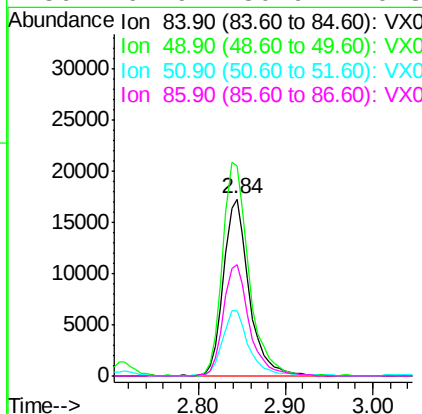
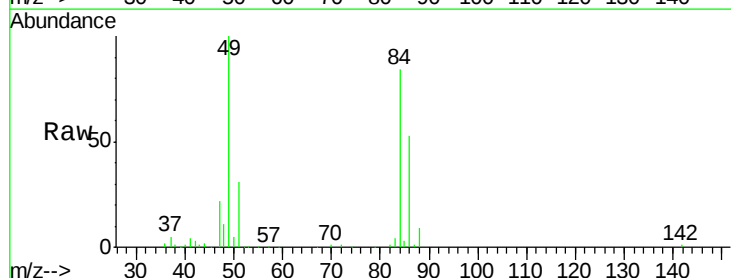
sam
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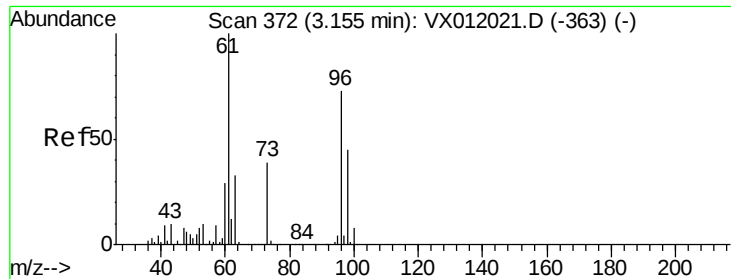


#20

Methylene Chloride
 Concen: 19.266 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.8
51	36.6	28.6	43.0
86	62.9	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 19.176 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

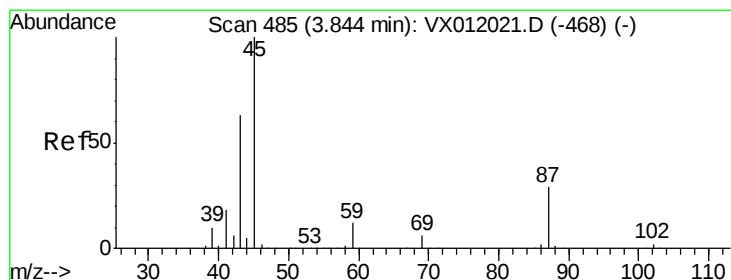
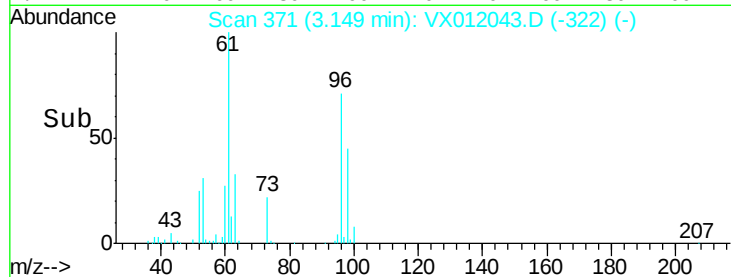
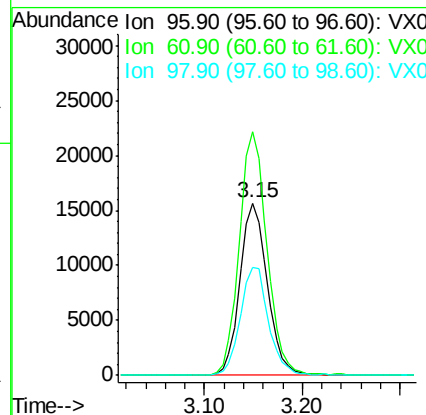
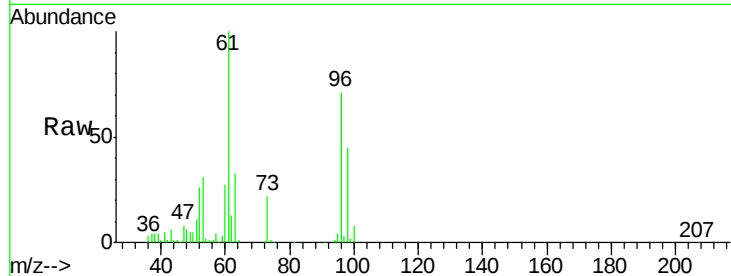
ClientSampleId :

VX0904SBS01

Tot Ion:	96	Resp:	30640
Ion	Ratio	Lower	Upper
96	100		
61	141.6	107.0	160.6
98	63.0	49.8	74.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.309 ug/l

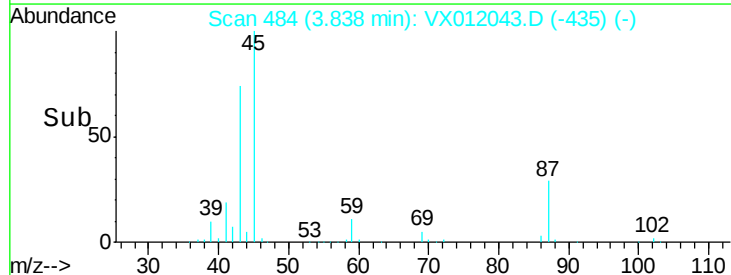
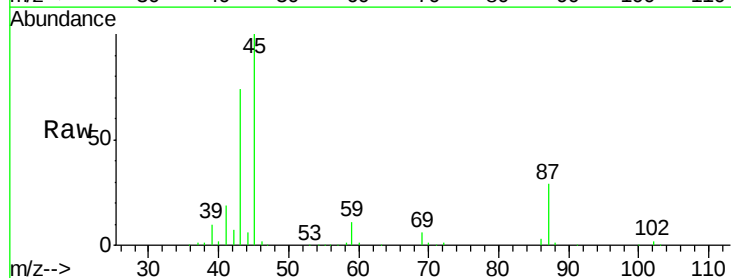
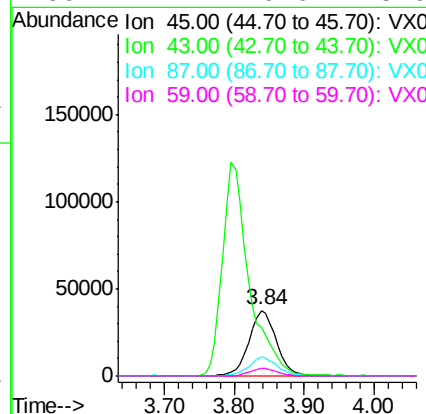
RT: 3.84 min Scan# 484

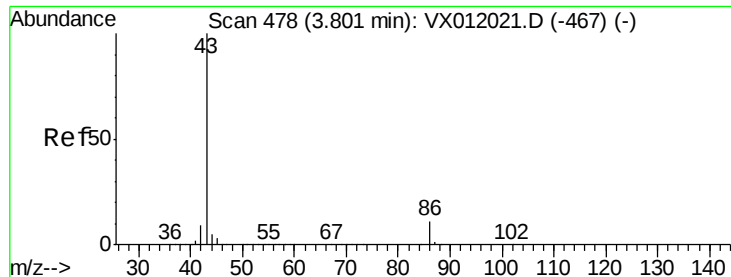
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	45	Resp:	101993
Ion	Ratio	Lower	Upper
45	100		
43	74.1	54.2	81.4
87	28.8	23.4	35.0
59	11.4	9.0	13.6





#23

Vinyl Acetate

Concen: 100.642 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 43 Resp: 326950

Ion Ratio Lower Upper

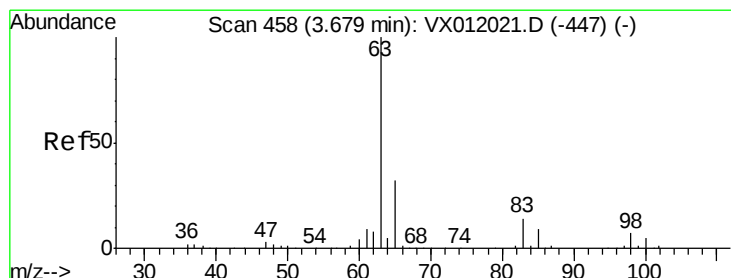
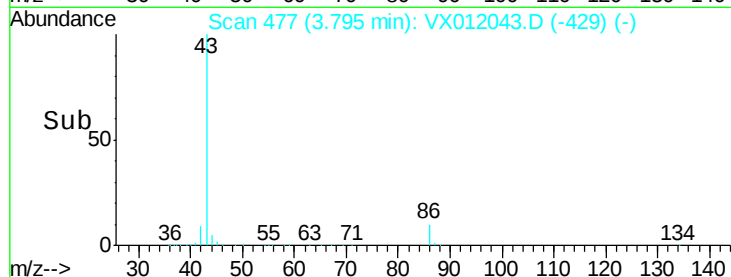
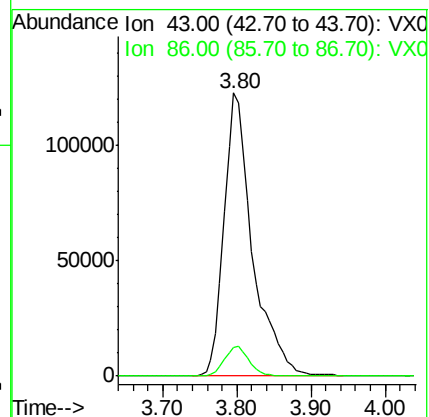
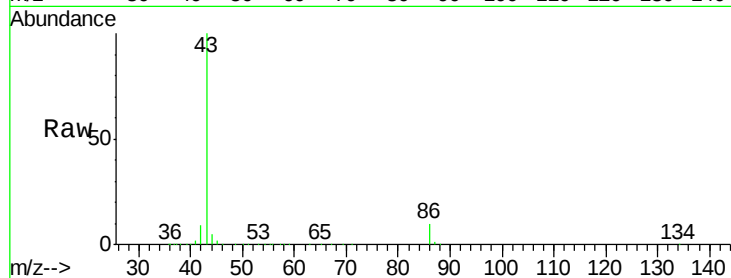
43 100

86 10.3 9.0 13.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 19.478 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

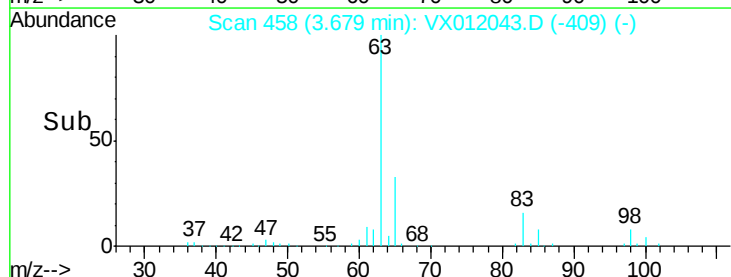
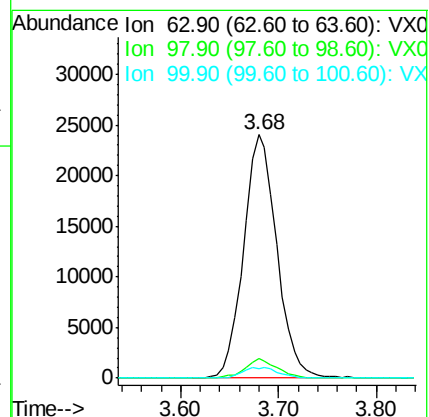
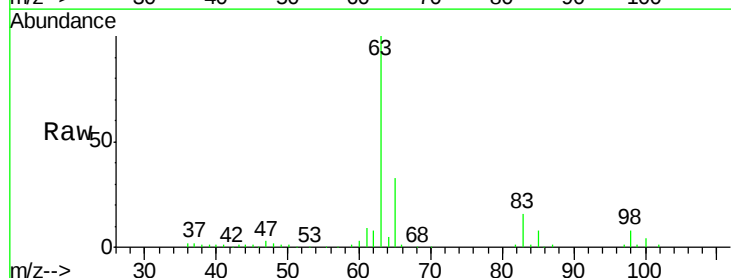
Tgt Ion: 63 Resp: 56731

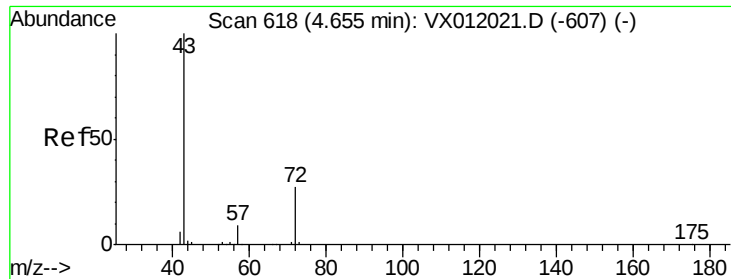
Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 103.324 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 43 Resp: 59982

Ion Ratio Lower Upper

43 100

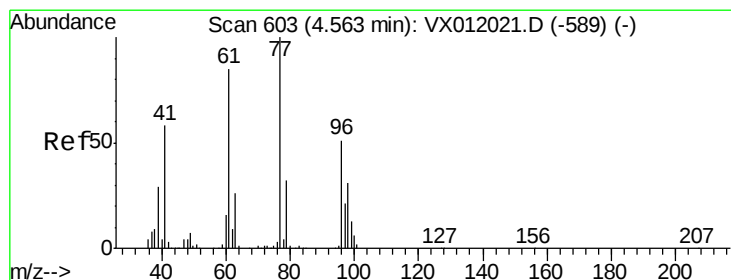
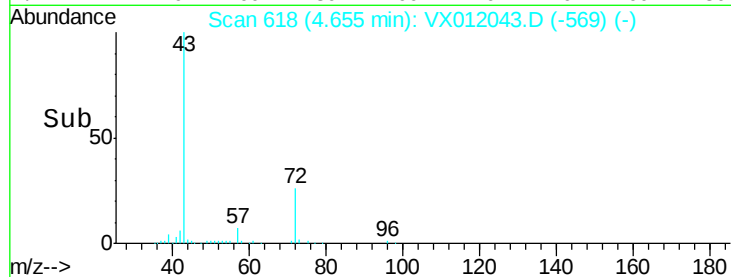
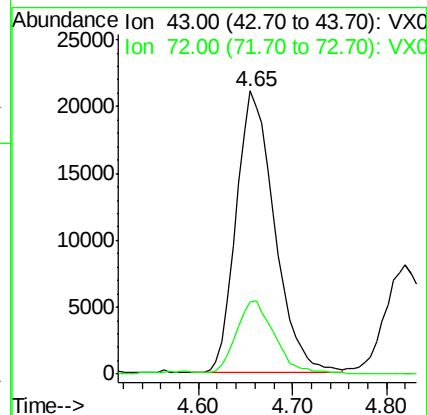
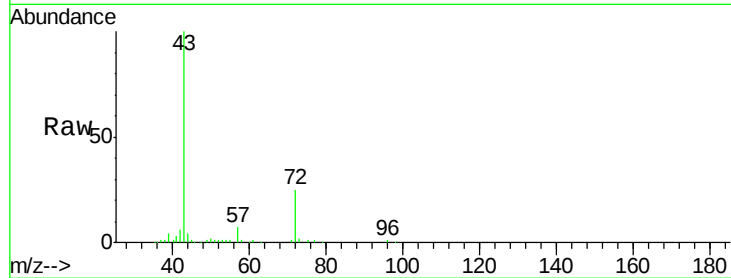
72 25.1 21.3 31.9

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 20.677 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012043.D

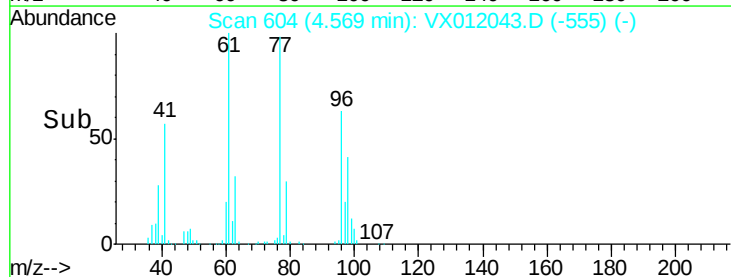
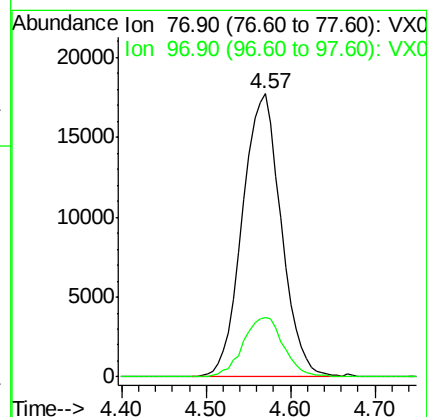
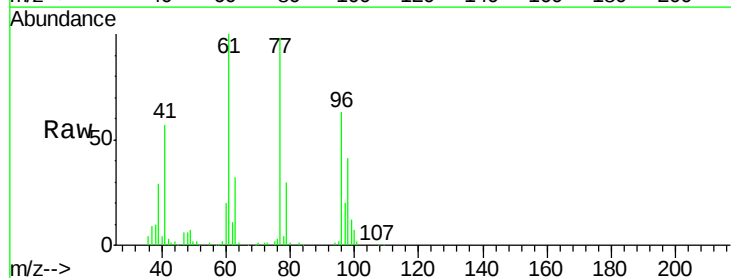
Acq: 04 Sep 2019 11:08

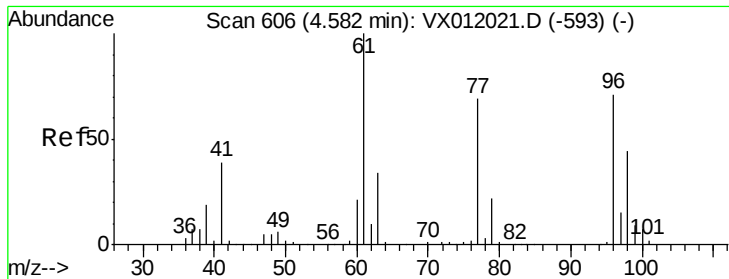
Tgt Ion: 77 Resp: 55601

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.5





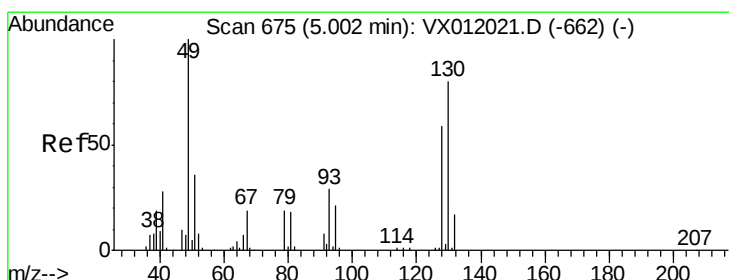
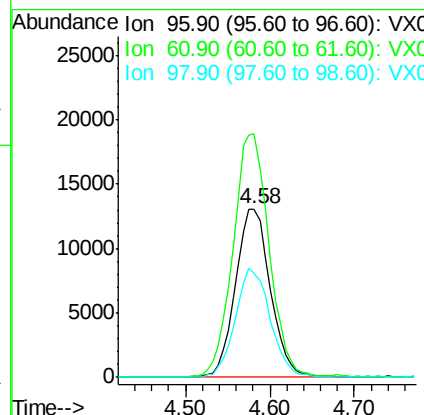
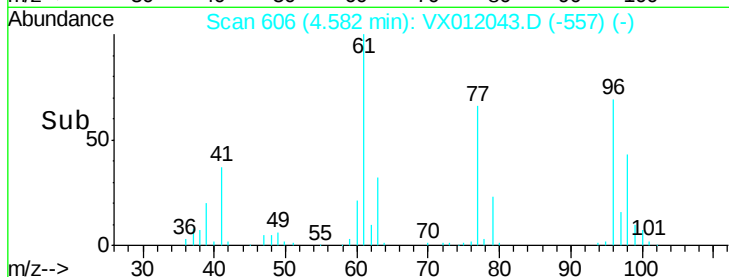
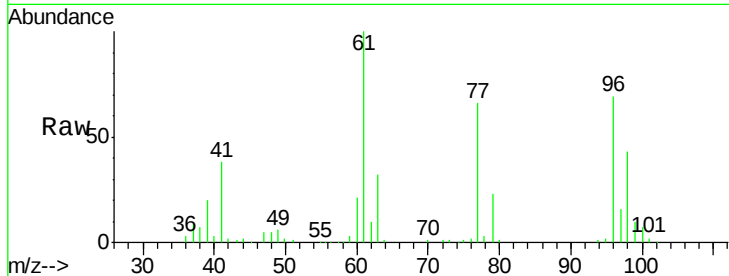
#27
 cis-1,2-Dichloroethene
 Concen: 19.588 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36688		
61	149.4	0.0	277.0	
98	64.9	0.0	128.4	

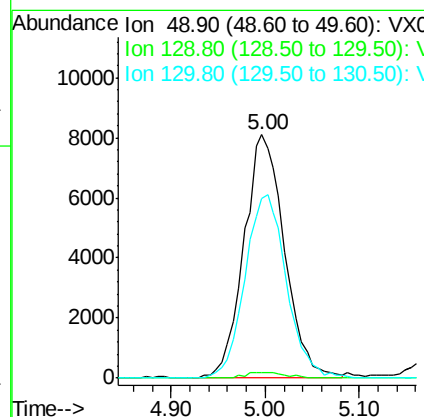
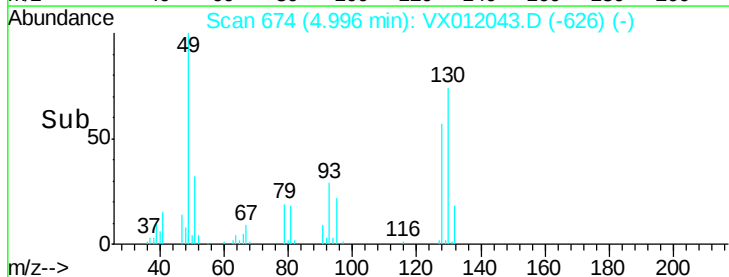
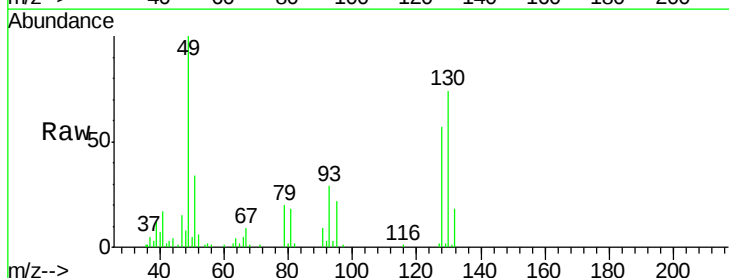
Manual Integrations
 APPROVED

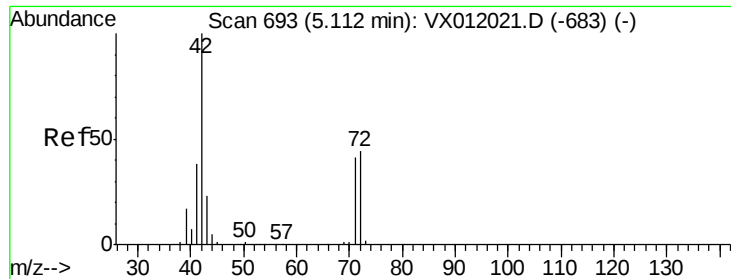
sam
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#28
 Bromochloromethane
 Concen: 21.042 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24464		
129	2.3	0.0	5.6	
130	76.8	76.7	115.1	





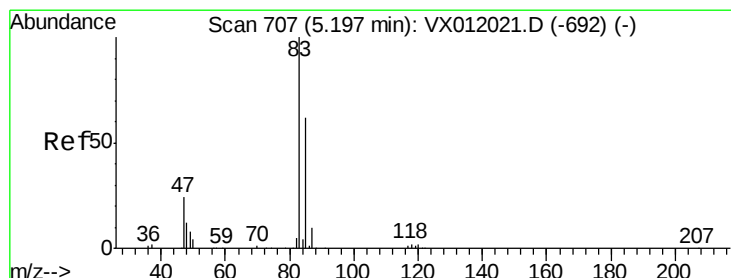
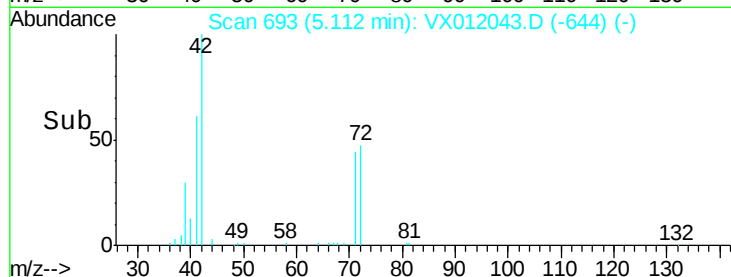
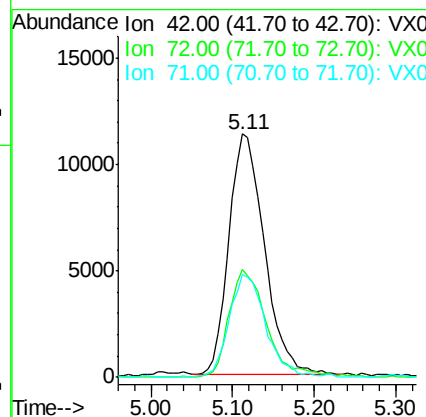
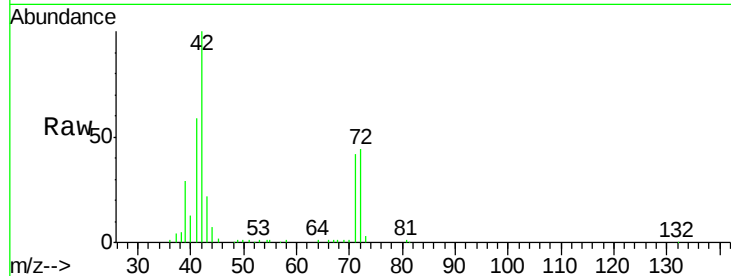
#29
Tetrahydrofuran
Concen: 97.563 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampled :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.0	55.4
71	43.2	33.8	50.8

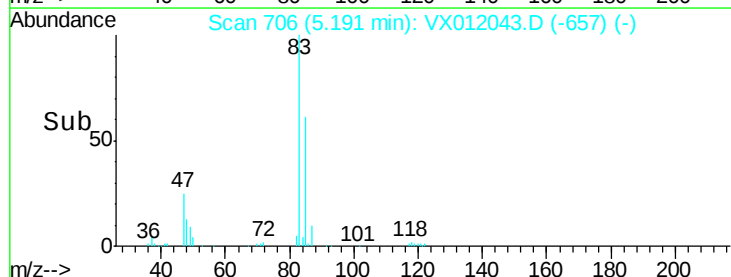
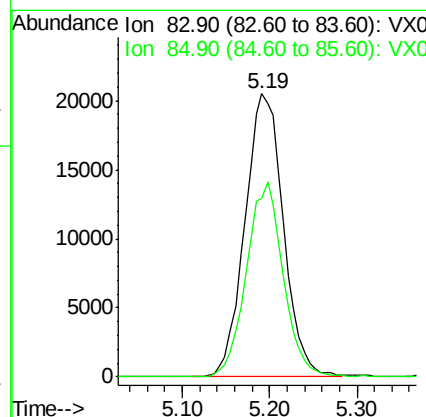
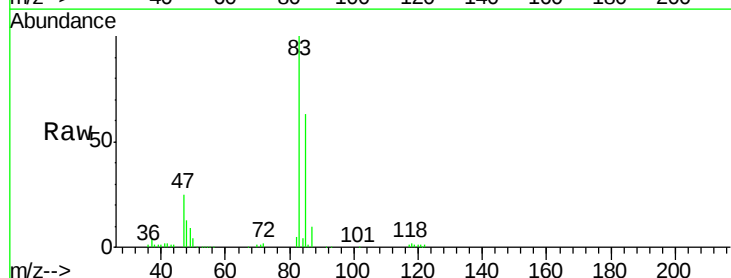
Manual Integrations
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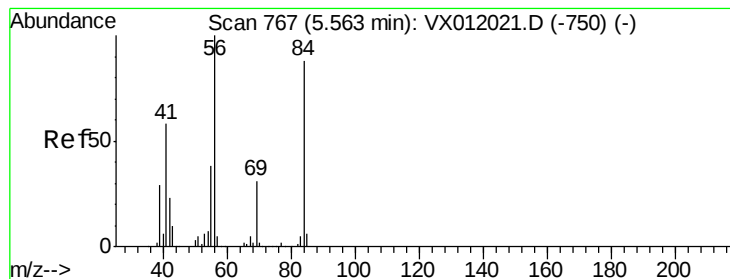
sam
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#30
Chloroform
Concen: 20.047 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	78.8





#31

Cyclohexane

Concen: 19.498 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

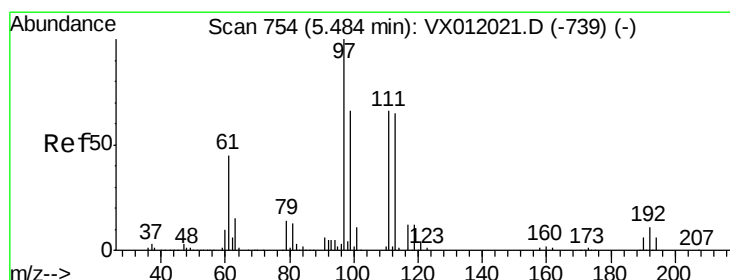
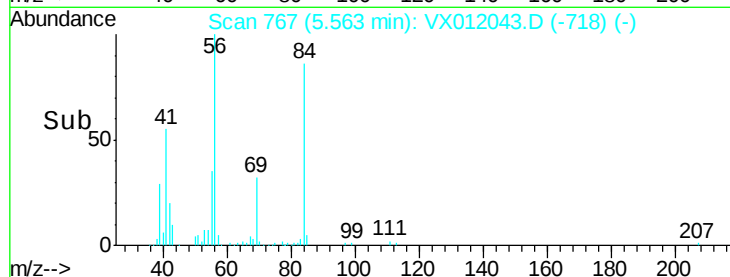
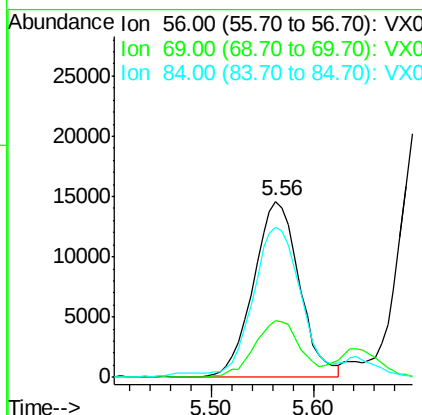
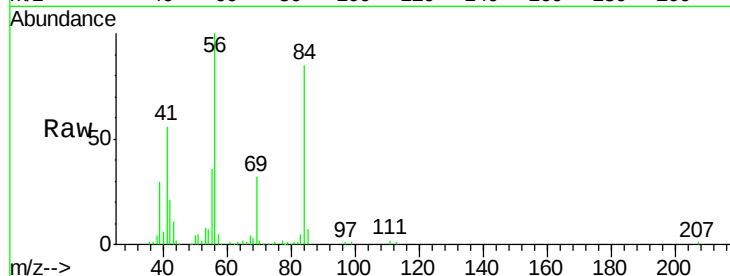
ClientSampled :

VX0904SBS01

Tot Ion:	56	Resp:	45609
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.7	38.5
84	82.8	70.3	105.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.392 ug/l

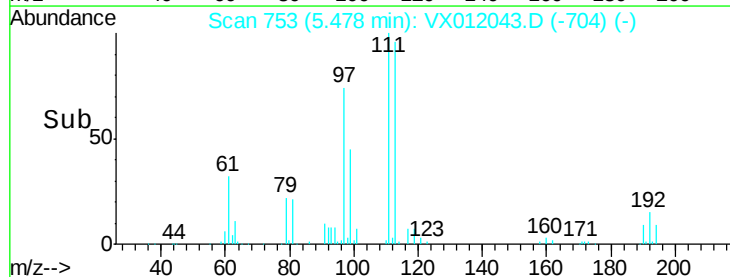
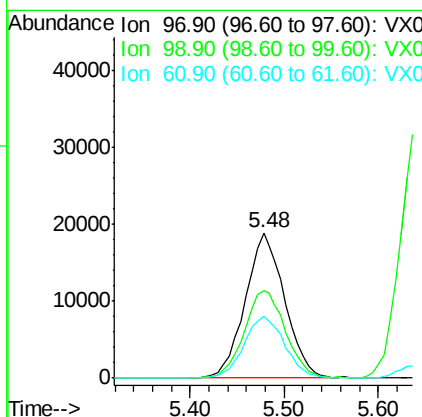
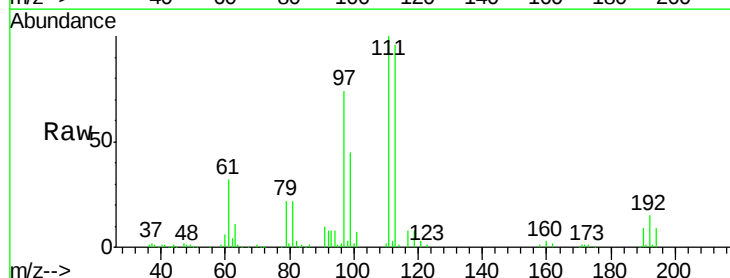
RT: 5.48 min Scan# 753

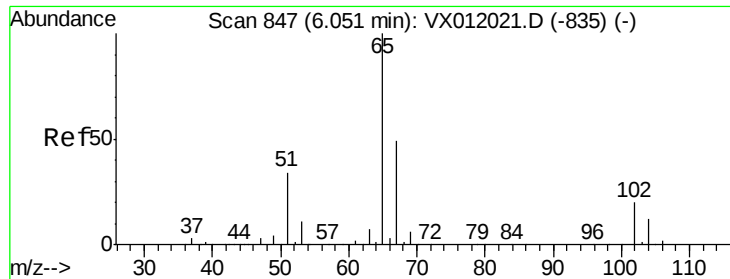
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	97	Resp:	55505
Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.1	78.1
61	44.1	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 47.850 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 65 Resp: 91298

Ion Ratio Lower Upper

65 100

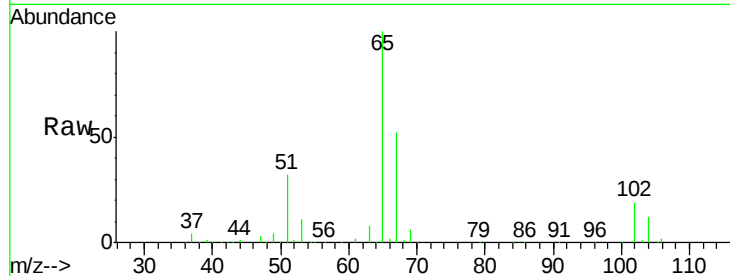
67 49.8 0.0 102.0

Manual Integrations

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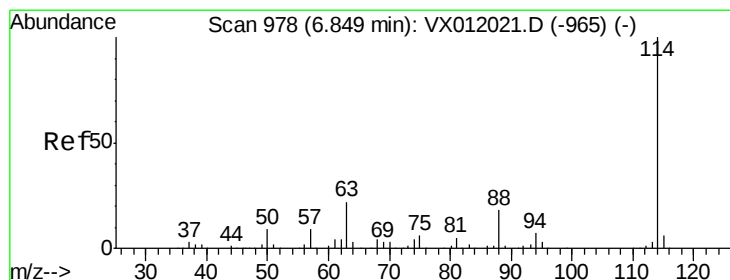
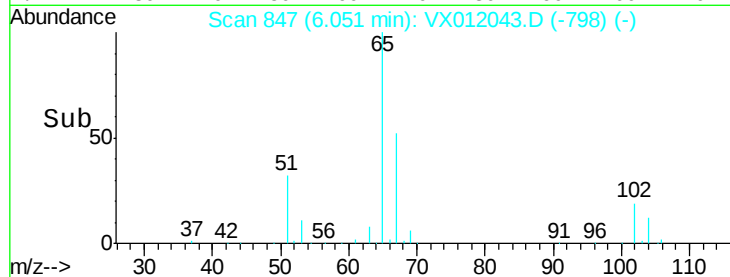
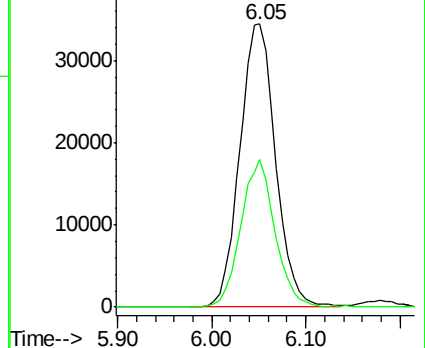
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

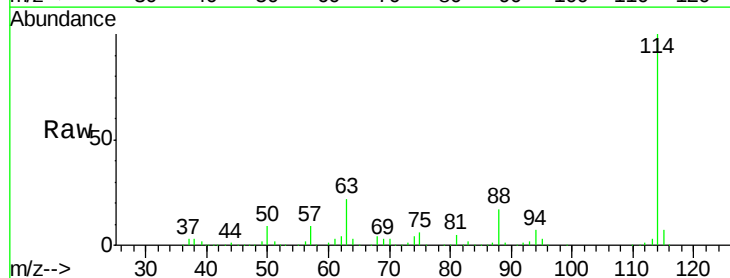
Tgt Ion: 114 Resp: 254783

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

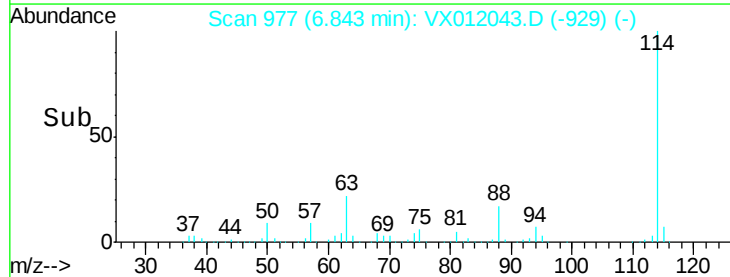
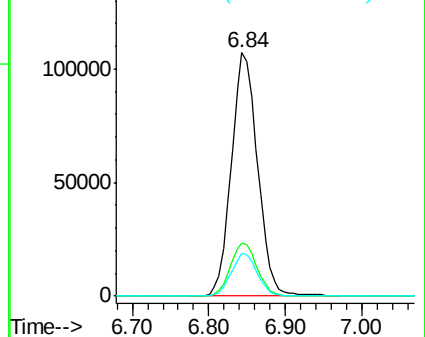
88 17.4 0.0 29.6

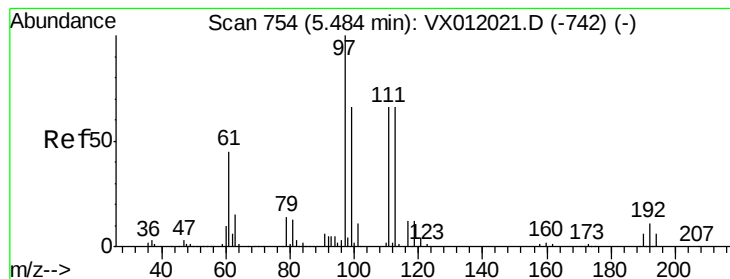


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.742 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

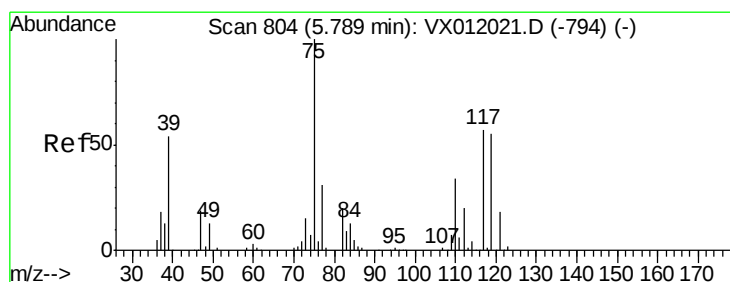
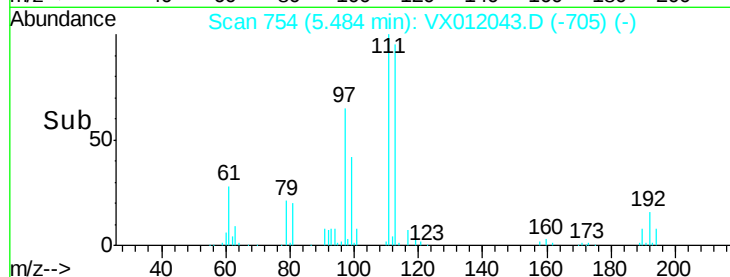
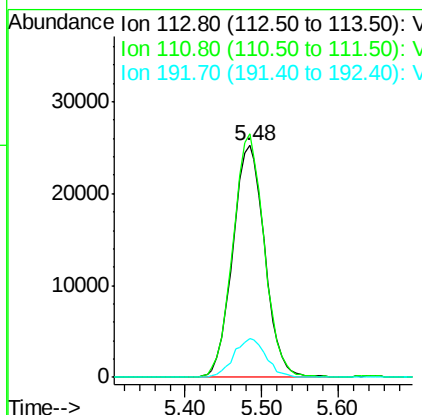
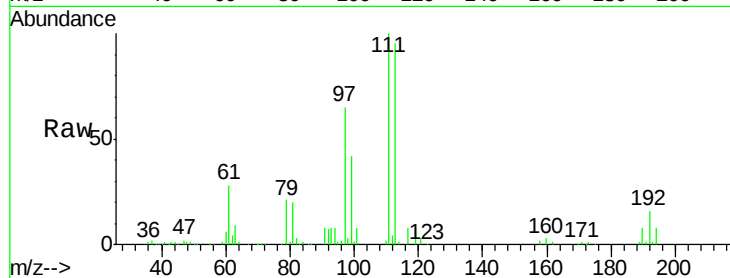
ClientSampleId :

VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	73237		
111	102.5	81.7	122.5	
192	16.8	22.5	33.7	

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.623 ug/l

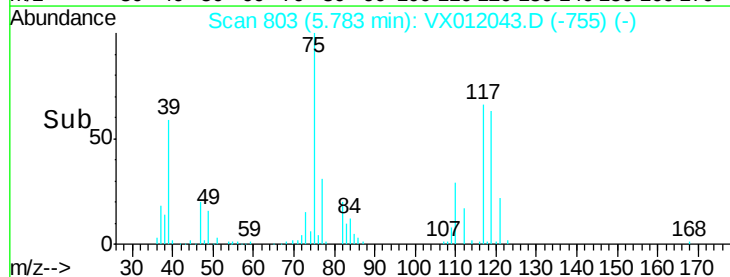
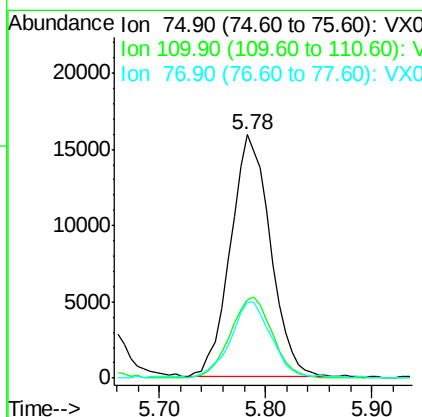
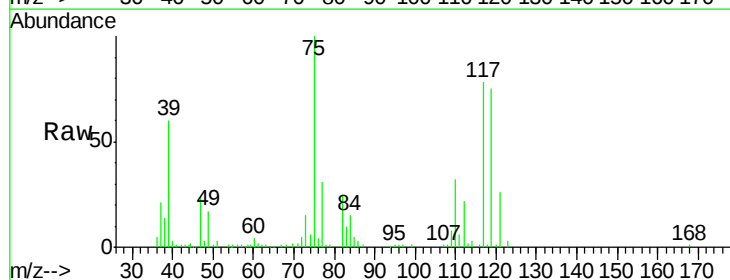
RT: 5.78 min Scan# 803

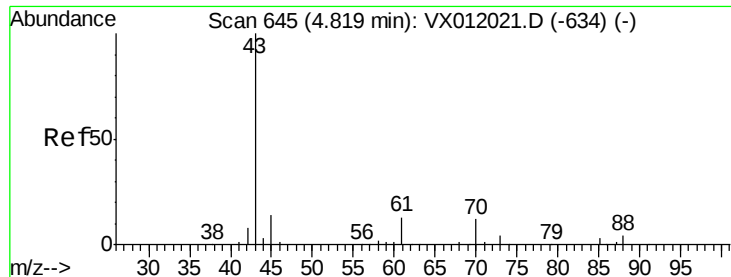
Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41791		
110	35.2	19.5	58.5	
77	31.7	24.6	37.0	





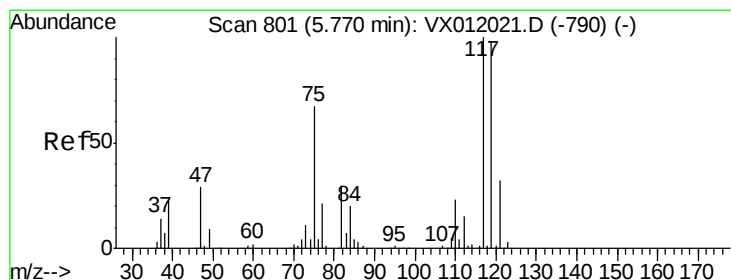
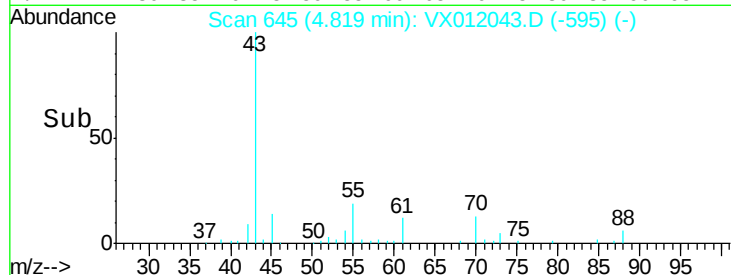
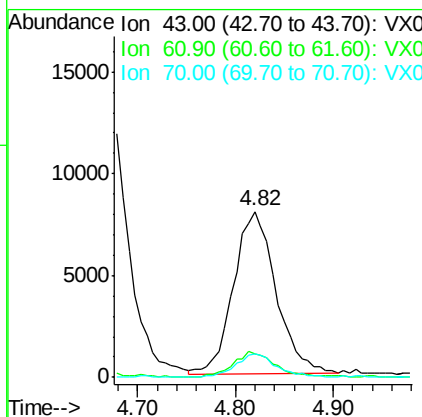
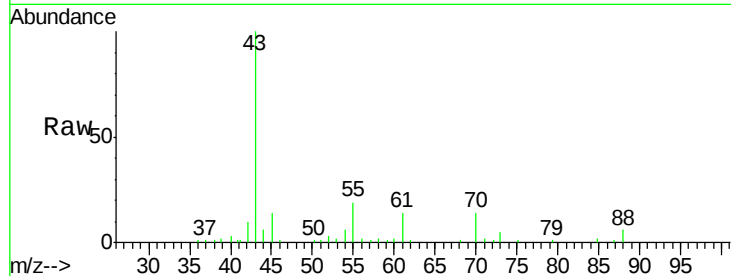
#37
Ethyl Acetate
Concen: 19.615 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.9	16.3
70	13.8	9.4	14.0

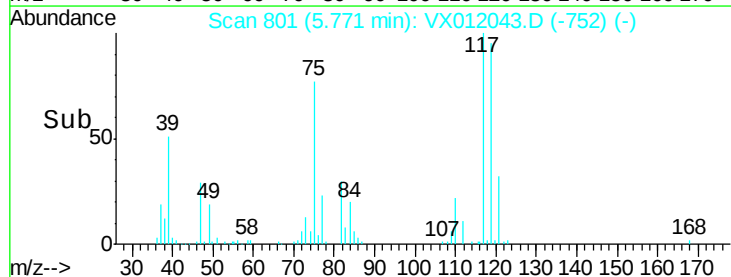
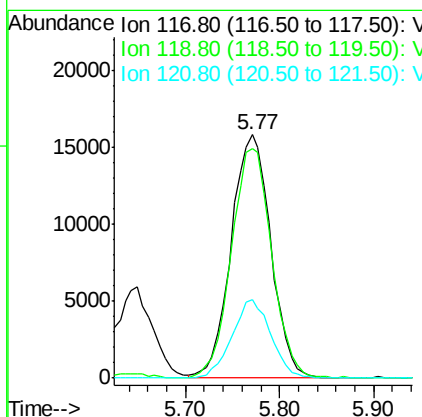
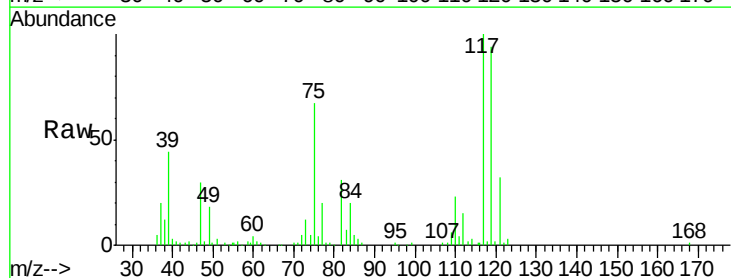
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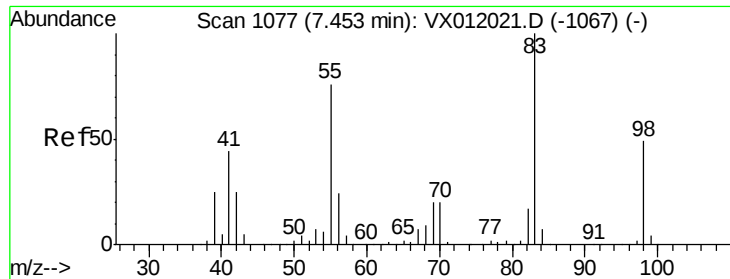
sam
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#38
Carbon Tetrachloride
Concen: 19.628 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.3	117.5
121	32.1	24.2	36.2





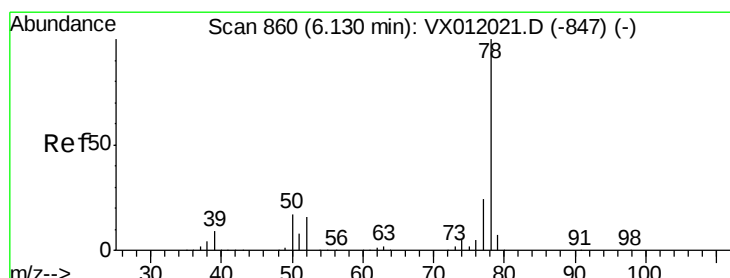
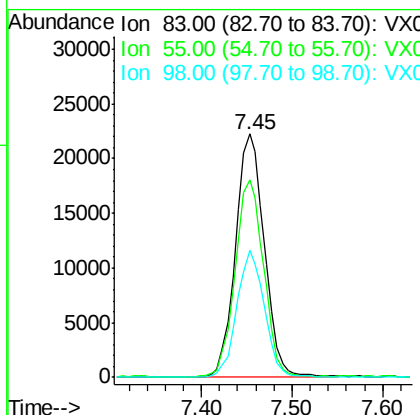
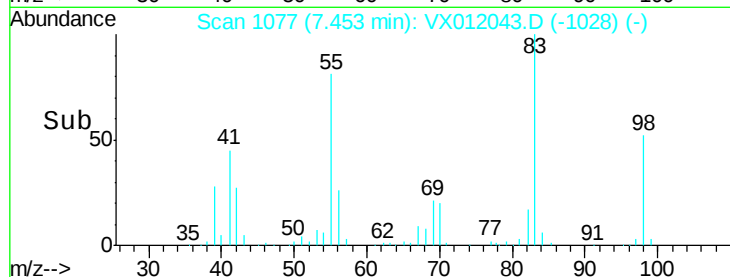
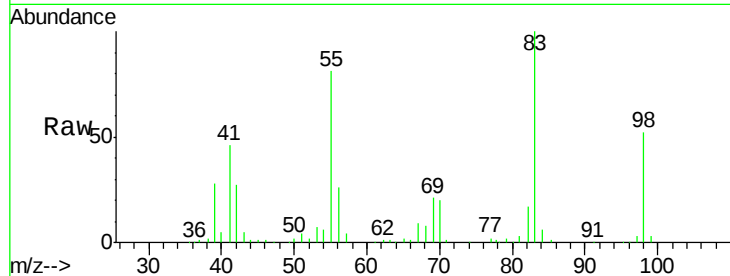
#39
Methylvlcvclohexane
Concen: 19.002 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	59.6	89.4
98	52.4	41.4	62.0

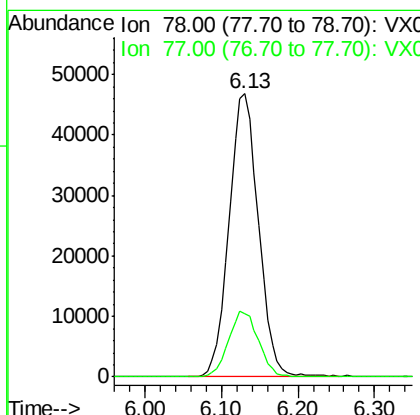
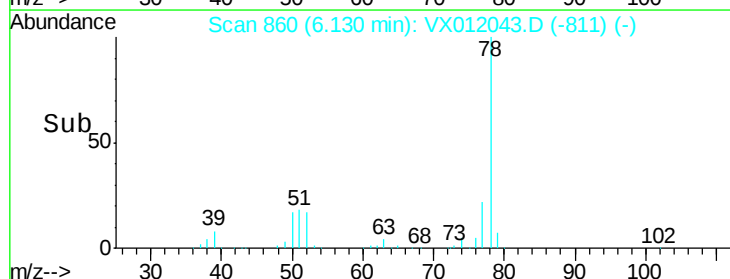
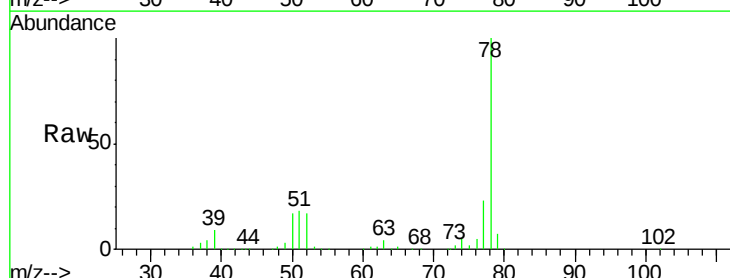
Manual Integrations
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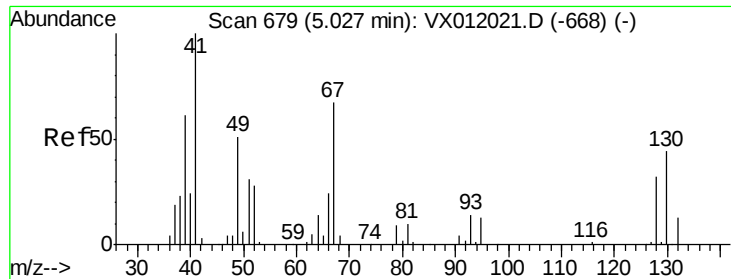
sam
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#40
Benzene
Concen: 19.342 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.3	28.9





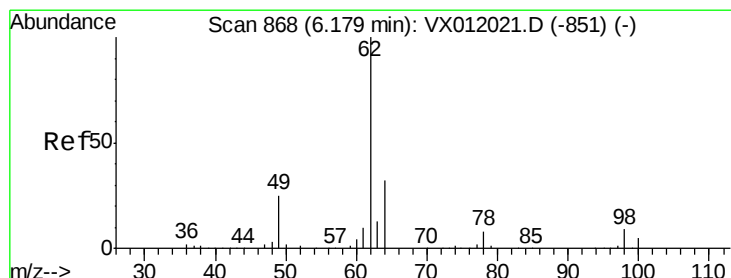
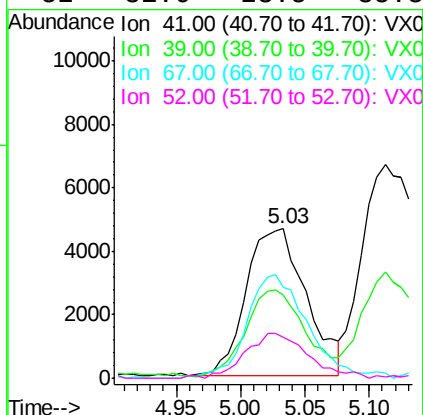
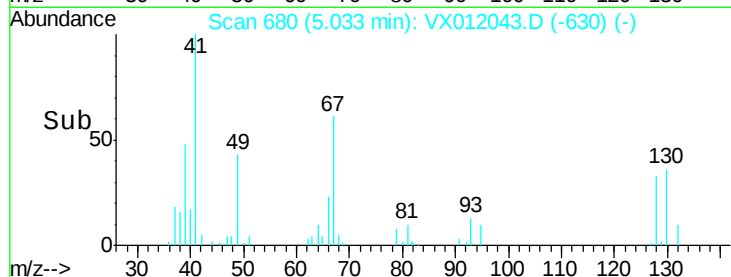
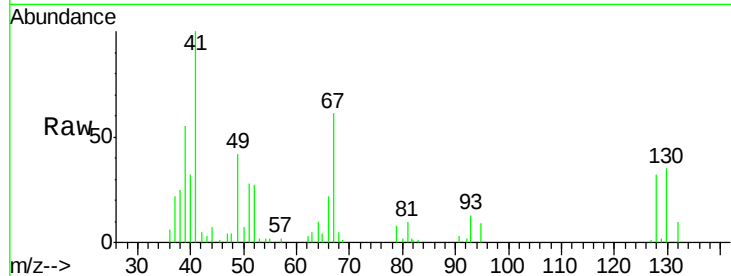
#41
Methacrylonitrile
Concen: 20.647 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	46.7	70.1	
67	69.5	57.0	85.6	
52	31.6	23.5	35.3	

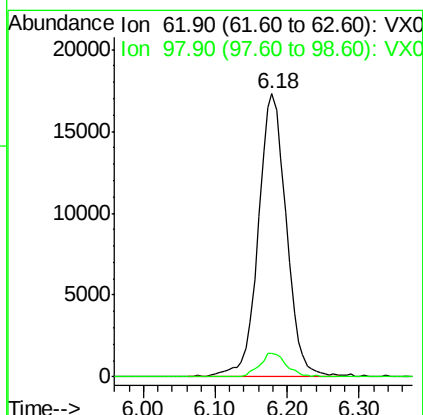
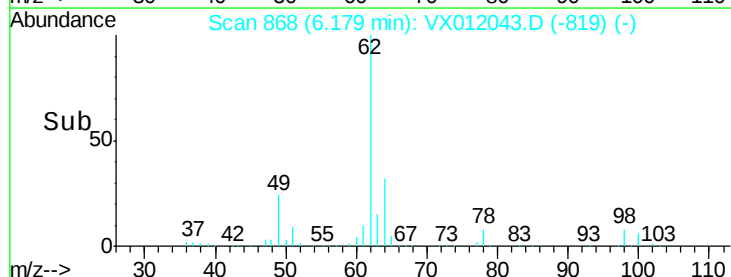
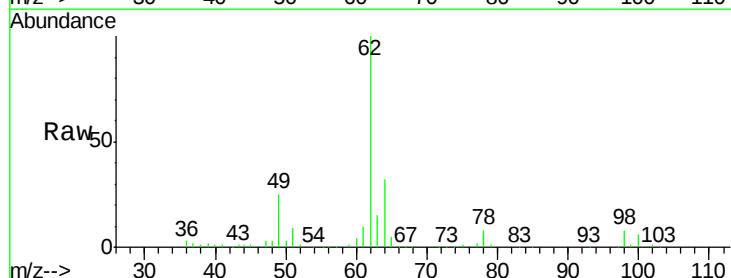
Manual Integrations
APPROVED

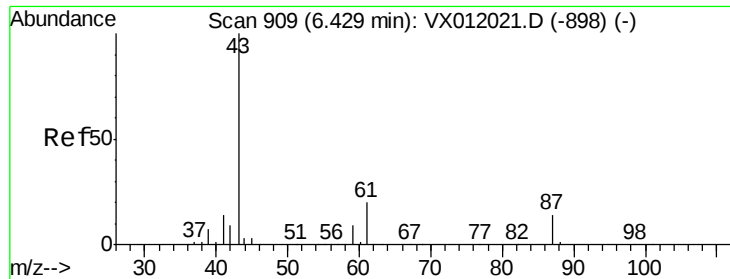
sam
9/5/2019 2:55:43 PM



#42
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	19.2	





#43

Isopropyl Acetate

Concen: 19.915 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

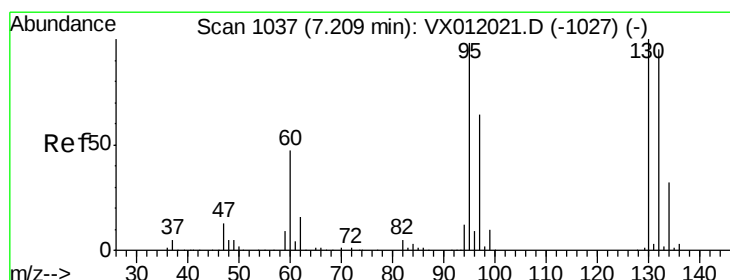
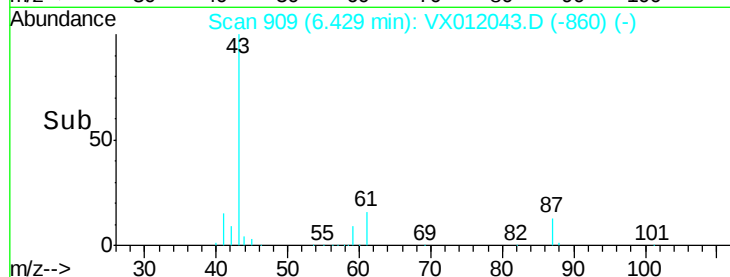
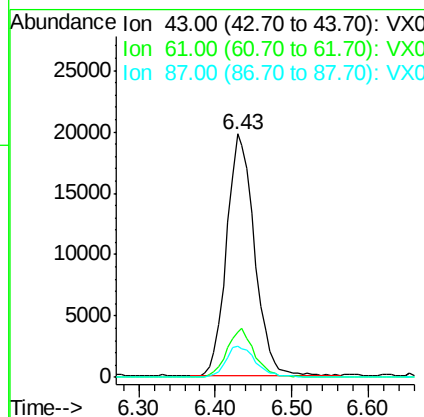
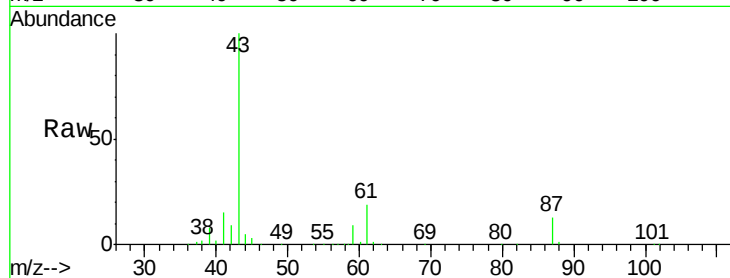
ClientSampled :

VX0904SBS01

Tot Ion:	43	Resp:	49414
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.1	24.1
87	13.7	11.3	16.9

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#44

Trichloroethene

Concen: 19.116 ug/l

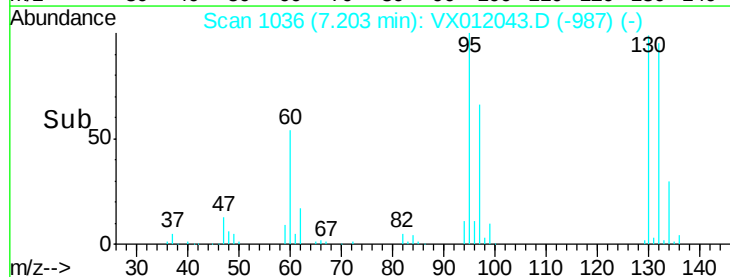
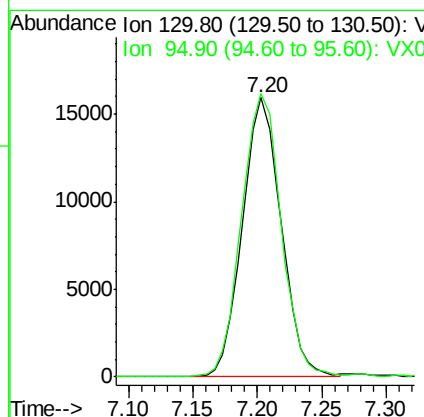
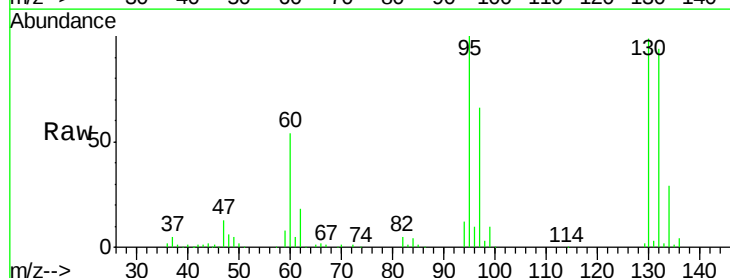
RT: 7.20 min Scan# 1036

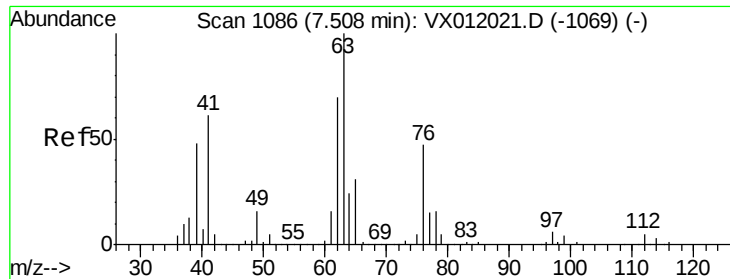
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	130	Resp:	33216
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	176.4





#45

1,2-Dichloropropane

Concen: 20.071 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 63 Resp: 33406

Ion Ratio Lower Upper

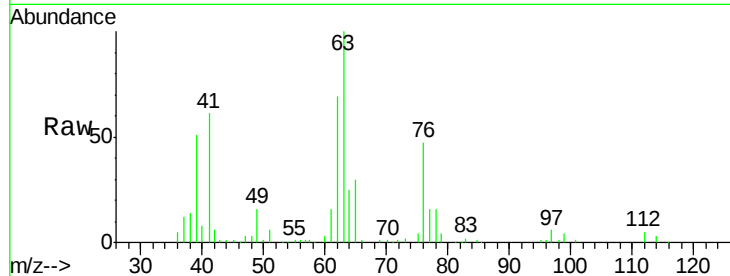
63 100

65 29.9 25.0 37.6

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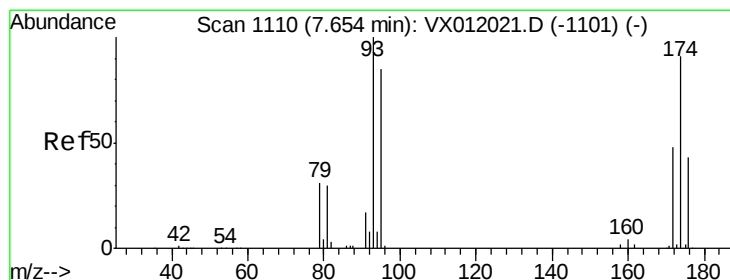
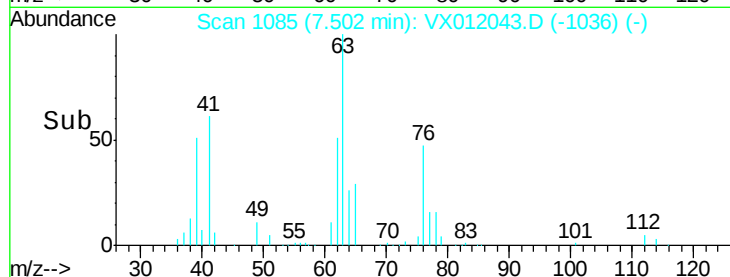
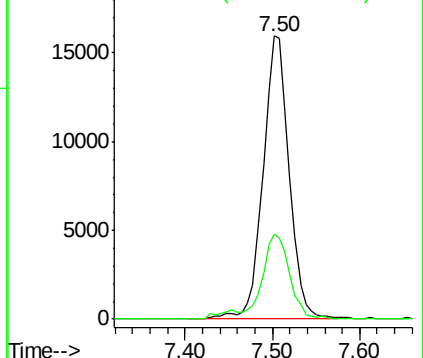
sam

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.337 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

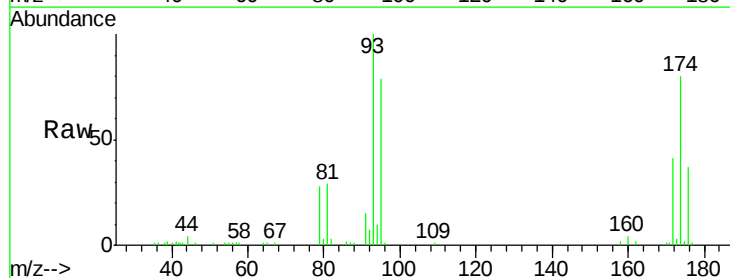
Tgt Ion: 93 Resp: 18788

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.2

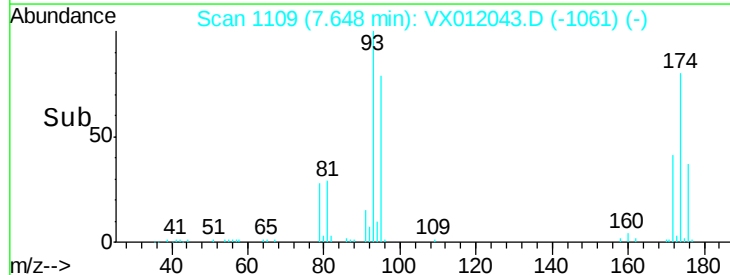
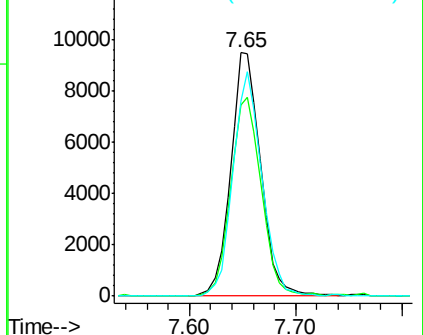
174 88.8 110.2 165.4#

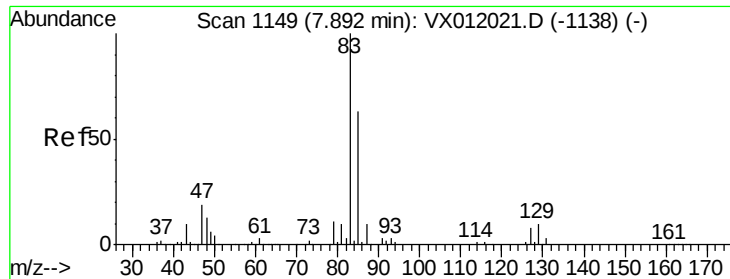


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





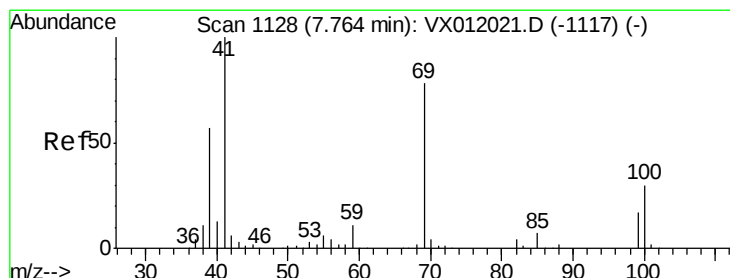
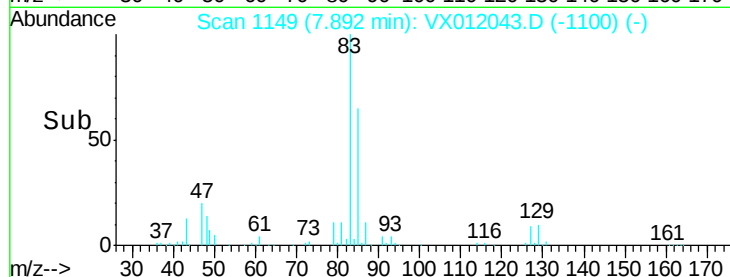
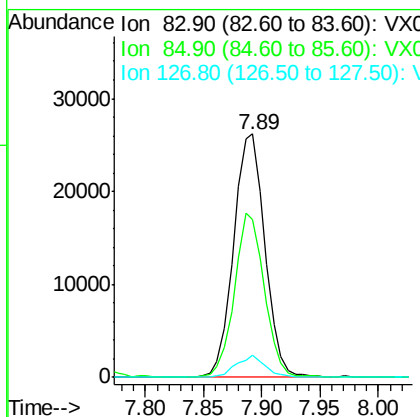
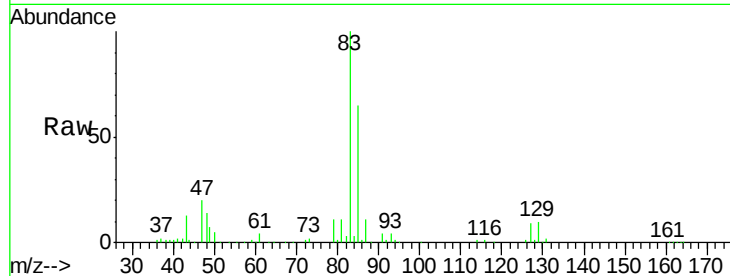
#47
Bromodichloromethane
Concen: 19.883 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	83	Resp	49105
Ion Ratio	100	Lower	Upper
83	100		
85	64.6	50.3	75.5
127	9.1	8.1	12.1

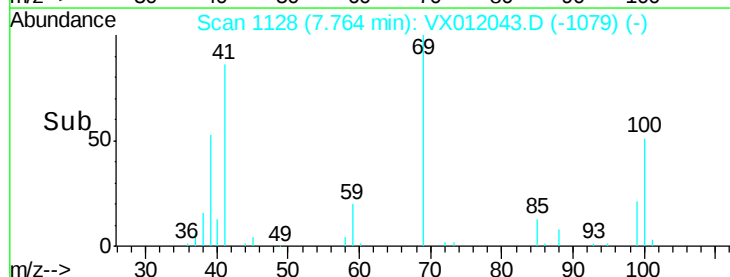
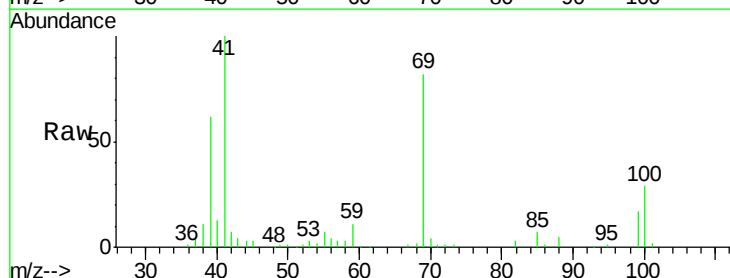
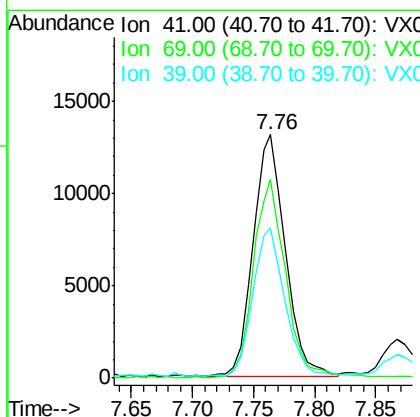
Manual Integrations
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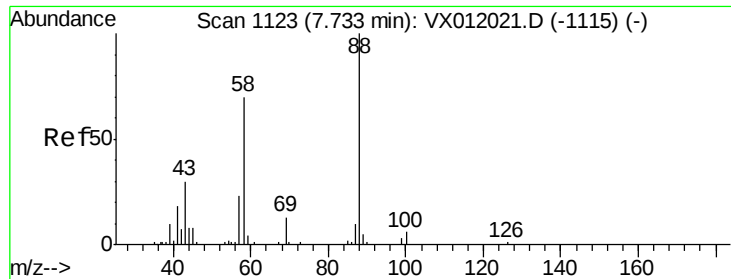
sam
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#48
Methyl methacrylate
Concen: 19.194 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	41	Resp	23946
Ion Ratio	100	Lower	Upper
41	100		
69	83.3	66.3	99.5
39	62.2	48.1	72.1





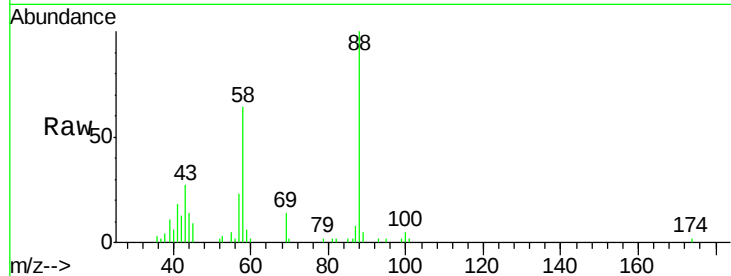
#49
1,4-Dioxane
Concen: 384.546 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.9	29.8	44.6
58	74.4	55.4	83.2

Manual Integrations
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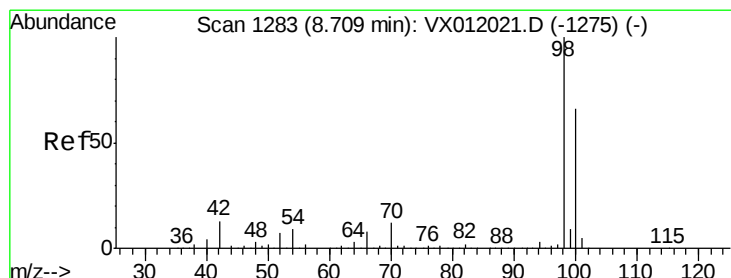
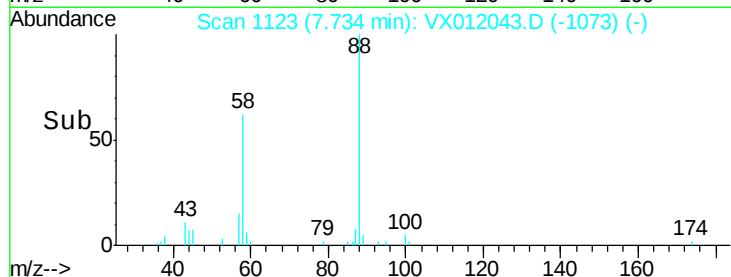
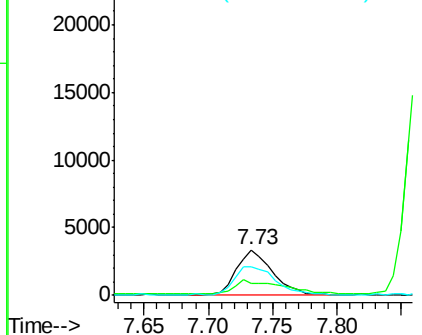


Abundance

Ion 88.00 (87.70 to 88.70): VX0

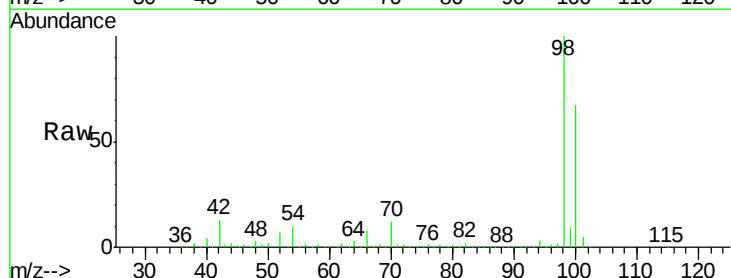
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.193 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

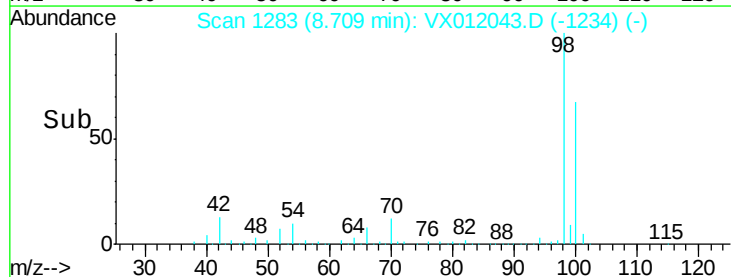
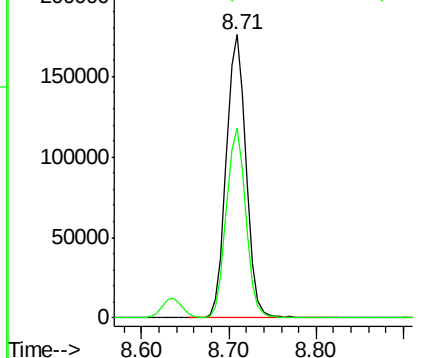
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.926 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 43 Resp: 127372

Ion Ratio Lower Upper

43 100

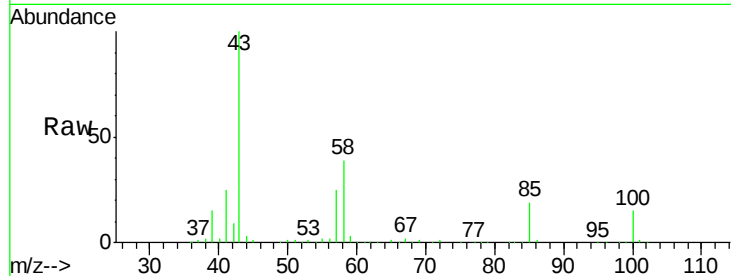
58 38.9 31.5 47.3

Manual Integrations

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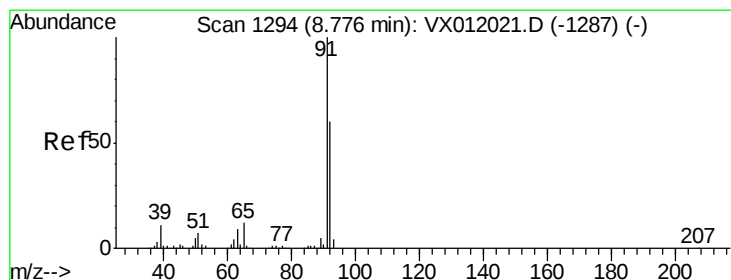
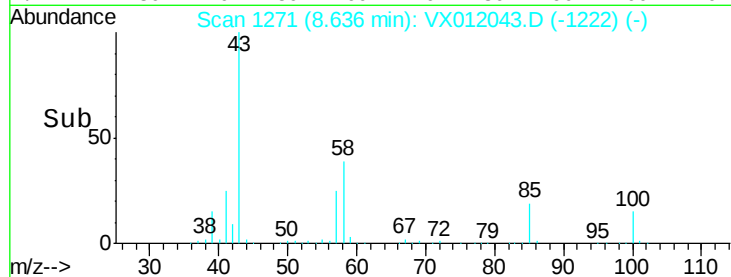
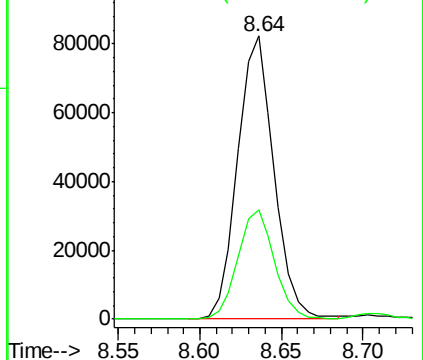
sam

9/5/2019 2:55:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.386 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012043.D

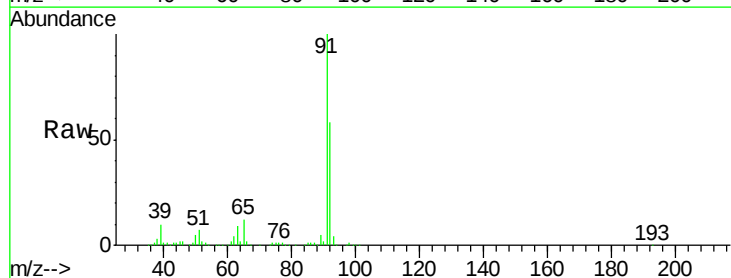
Acq: 04 Sep 2019 11:08

Tgt Ion: 92 Resp: 81259

Ion Ratio Lower Upper

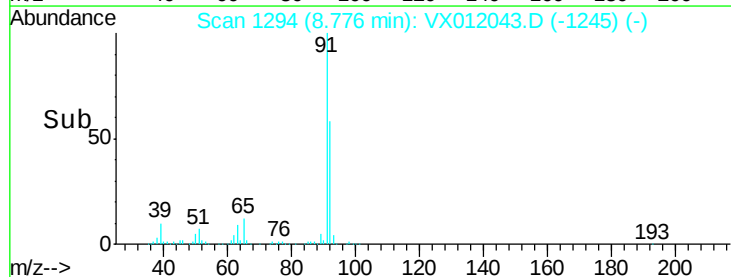
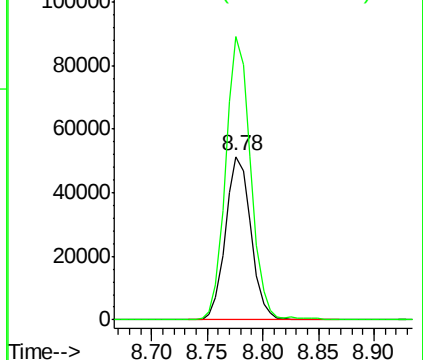
92 100

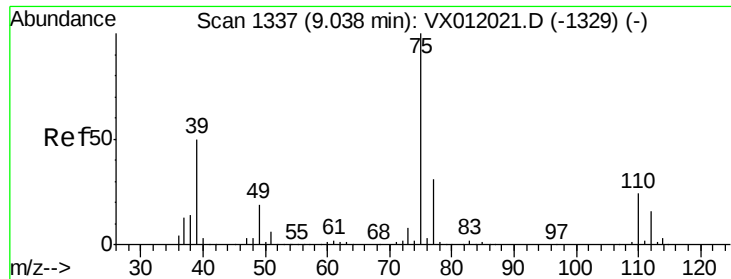
91 170.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





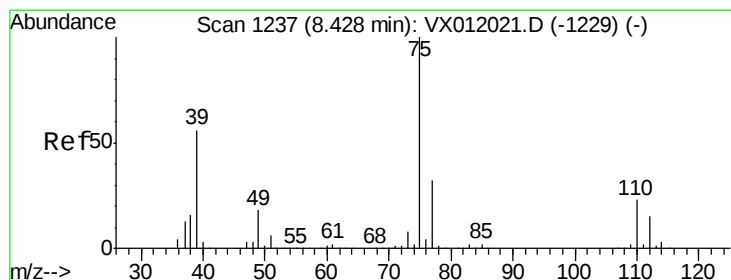
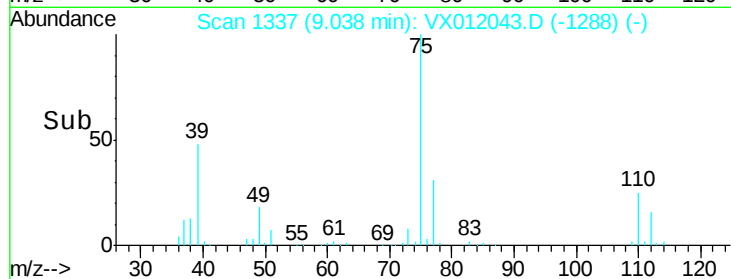
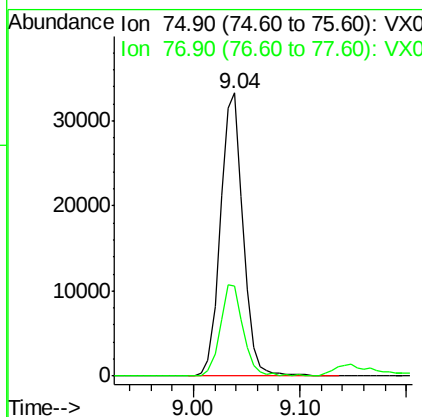
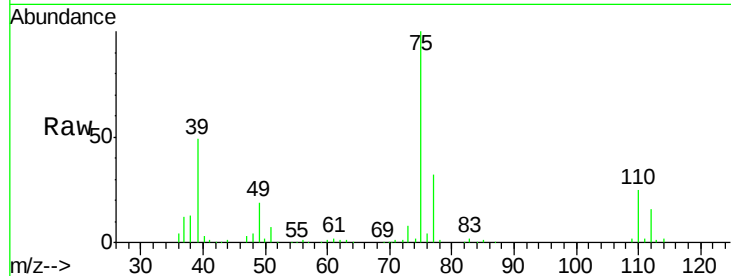
#53
t-1,3-Dichloropropene
Concen: 19.279 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion: 75 Resp: 49294
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

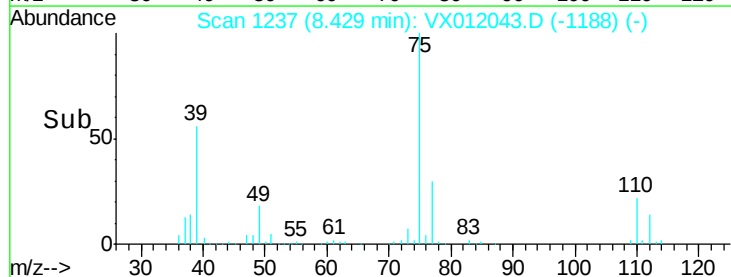
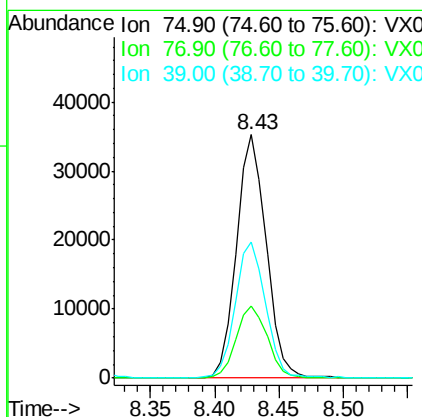
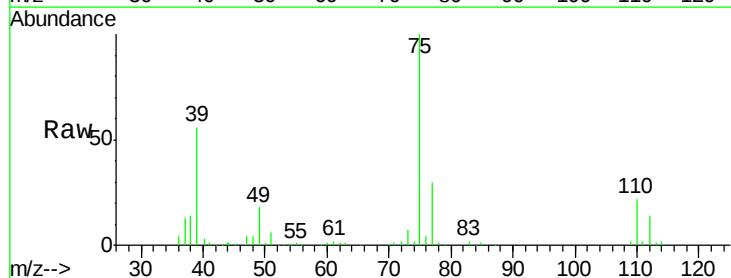
Manual Integrations
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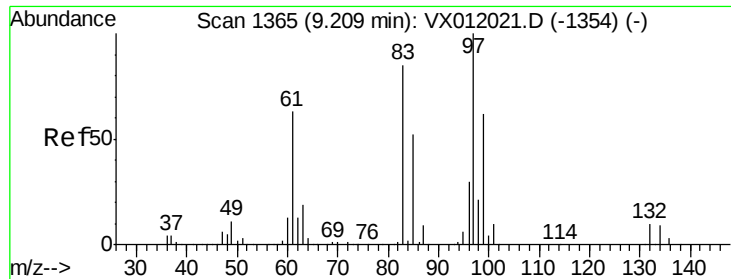
sam
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#54
cis-1,3-Dichloropropene
Concen: 19.866 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 75 Resp: 56485
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 55.7 43.0 64.4





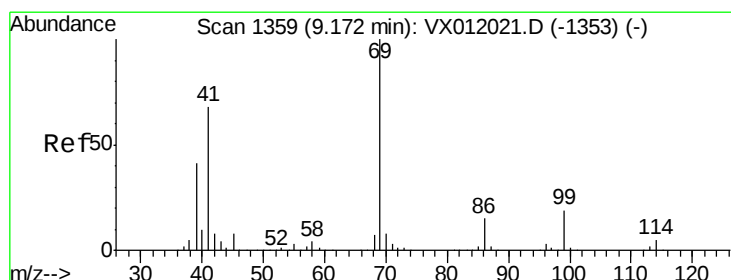
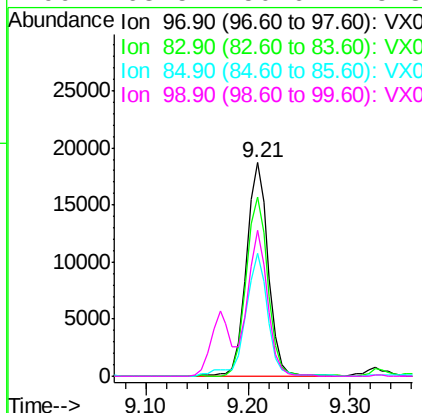
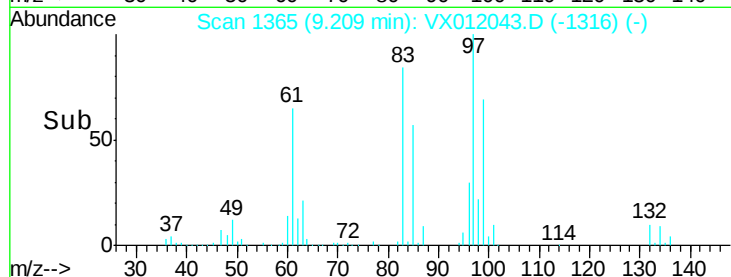
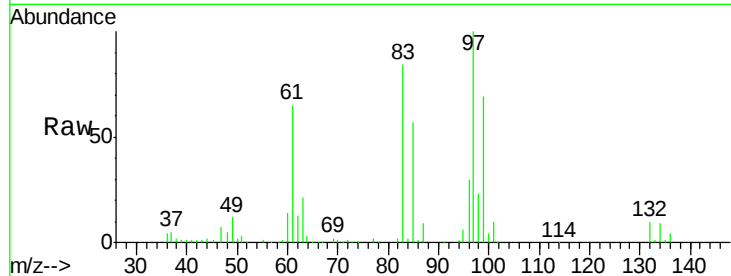
#55
 1,1,2-Trichloroethane
 Concen: 20.056 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion:	97	Resp:	27859
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.0	99.0
85	57.5	41.0	61.6
99	68.5	50.6	75.8

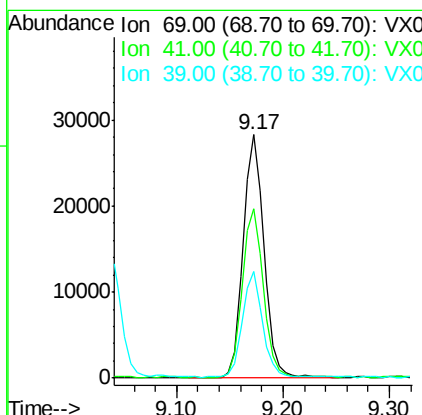
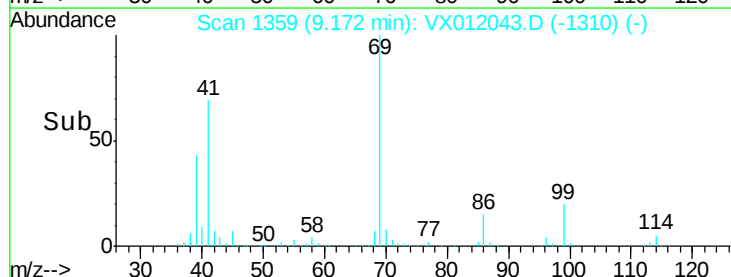
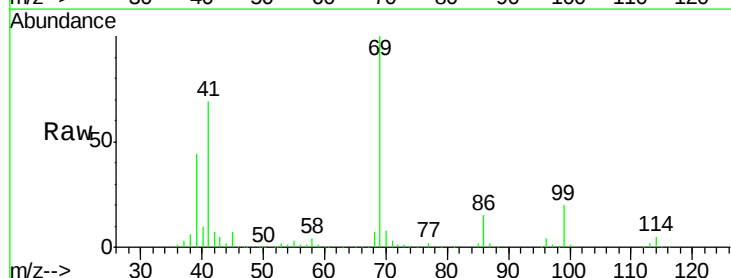
Manual Integrations
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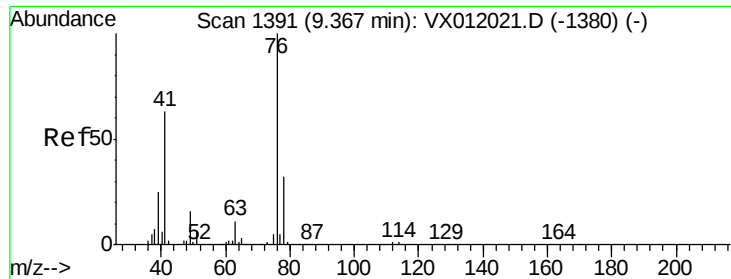
sam
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#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion:	69	Resp:	39160
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.9	80.9
39	41.8	31.1	46.7





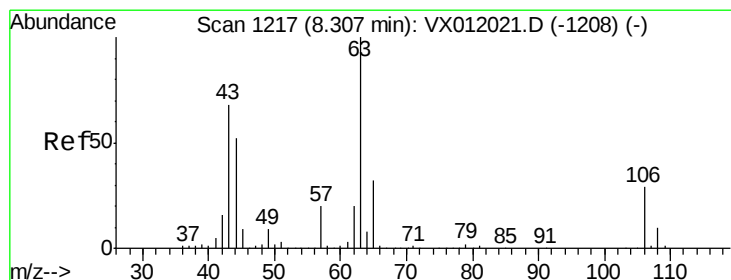
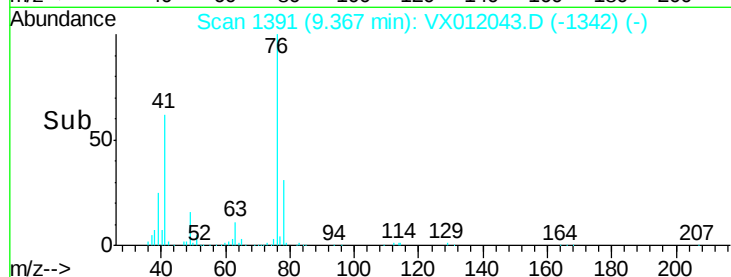
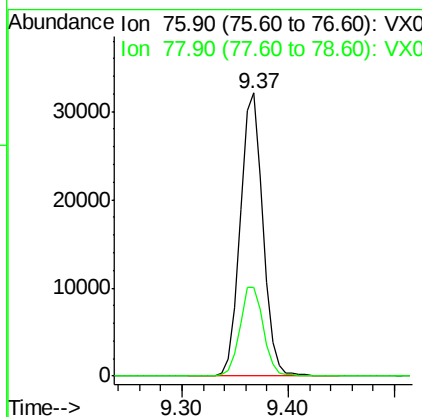
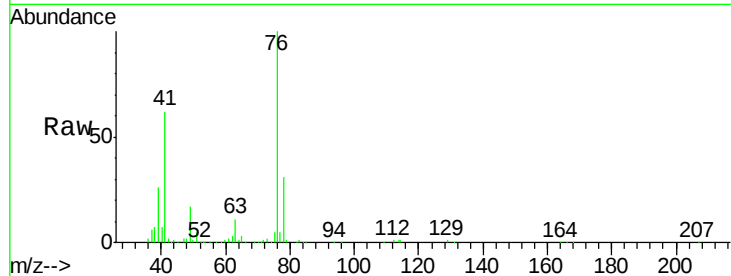
#57
 1,3-Dichloropropane
 Concen: 20.081 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion: 76 Resp: 48134
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3

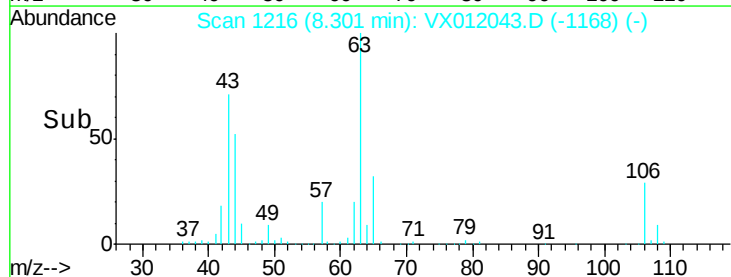
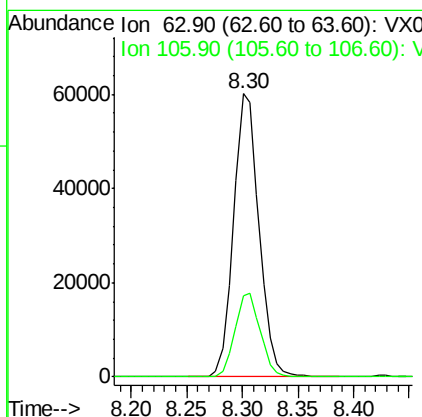
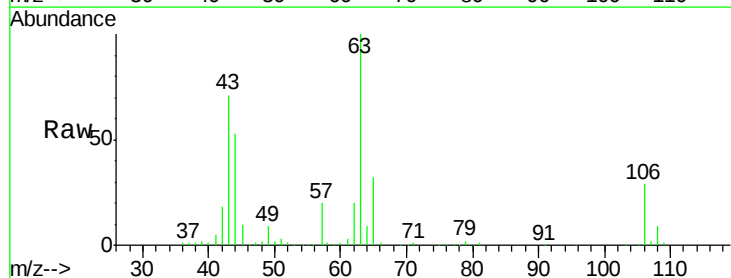
Manual Integrations
 APPROVED

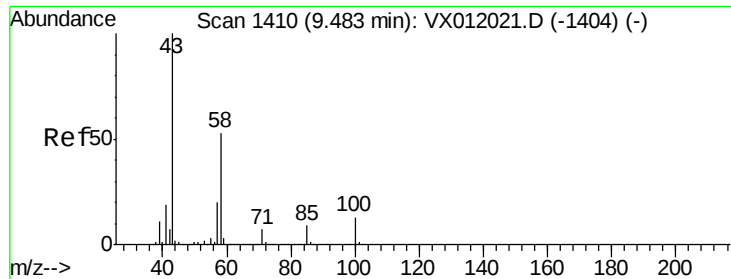
sam
 9/5/2019 2:55:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.081 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 63 Resp: 95158
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7





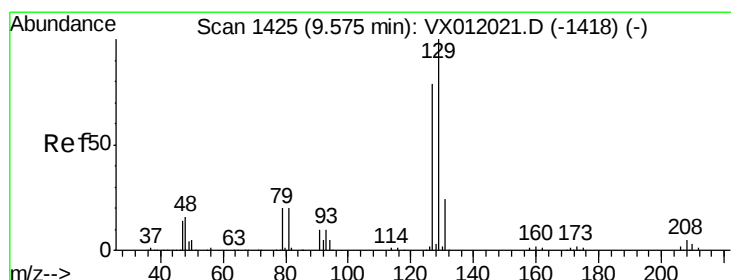
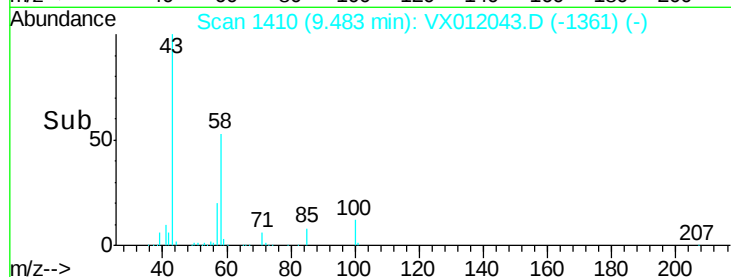
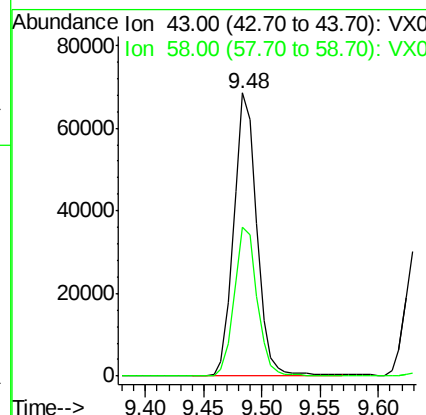
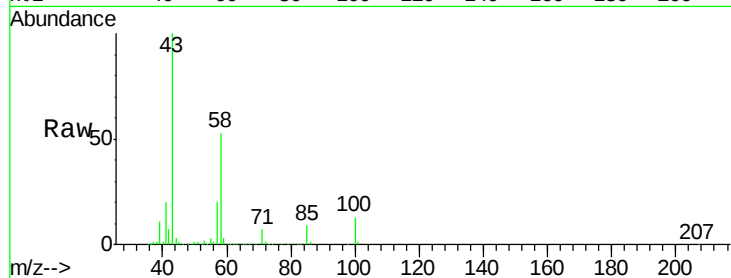
#59
2-Hexanone
Concen: 101.806 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	43	Resp	93751
Ion Ratio	Lower	Upper	
43	100		
58	53.3	27.2	81.6

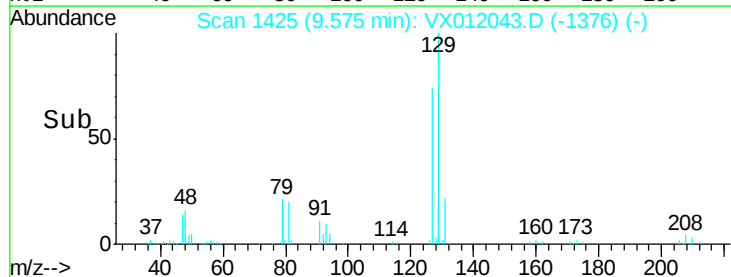
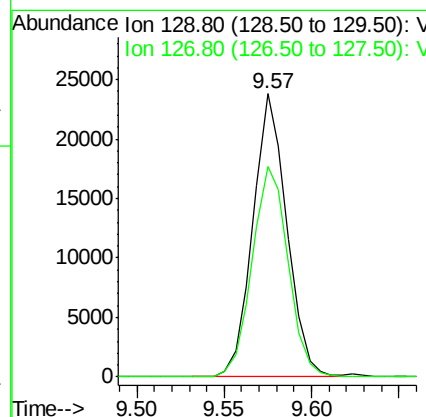
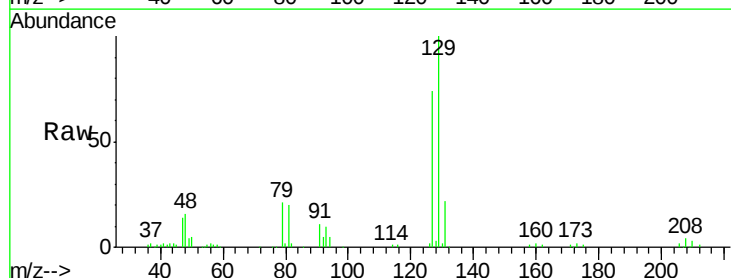
Manual Integrations
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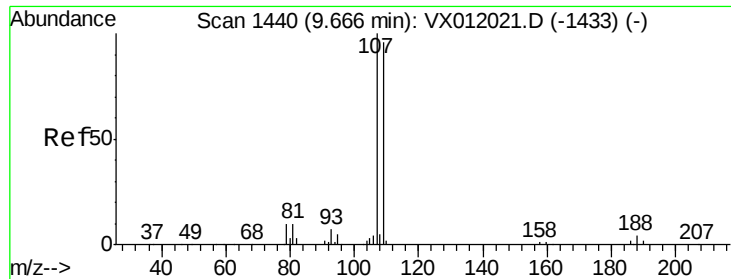
sam
9/5/2019 2:55:43 PM



#60
Dibromochloromethane
Concen: 19.527 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	129	Resp	32327
Ion Ratio	Lower	Upper	
129	100		
127	78.7	38.1	114.5





#61

1,2-Dibromoethane

Concen: 19.714 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion:107 Resp: 26462

Ion Ratio Lower Upper

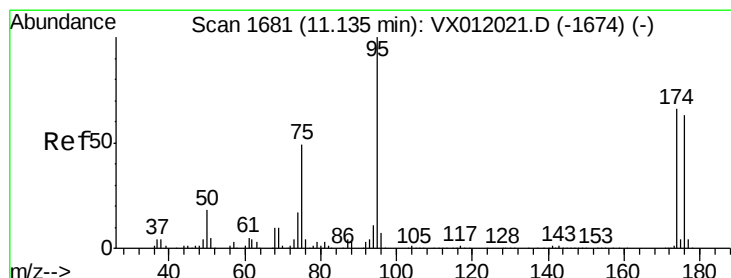
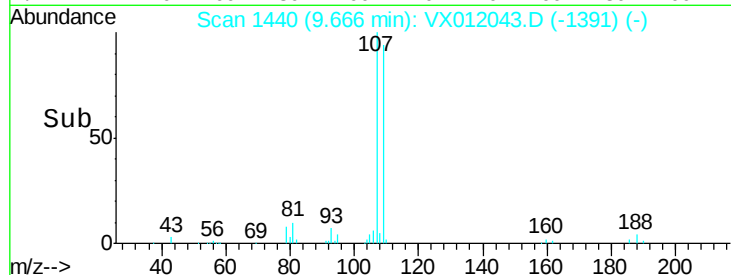
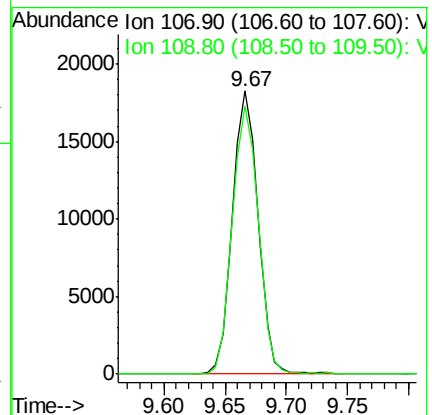
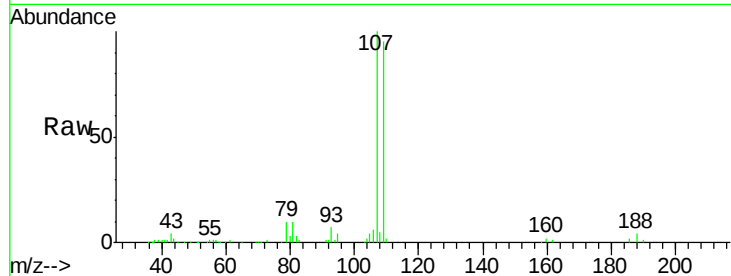
107 100

109 96.1 76.9 115.3

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sam

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#62

4-Bromofluorobenzene

Concen: 44.511 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

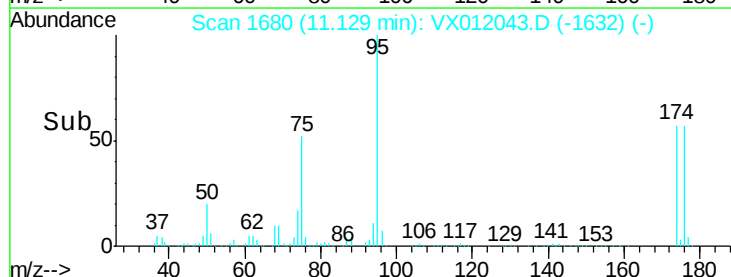
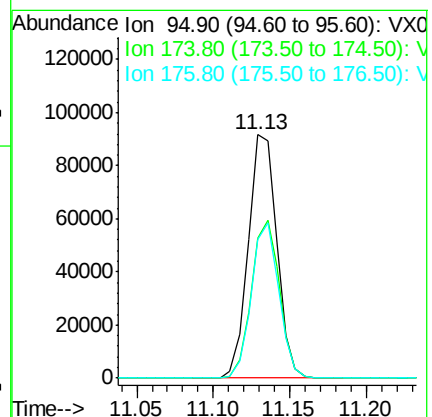
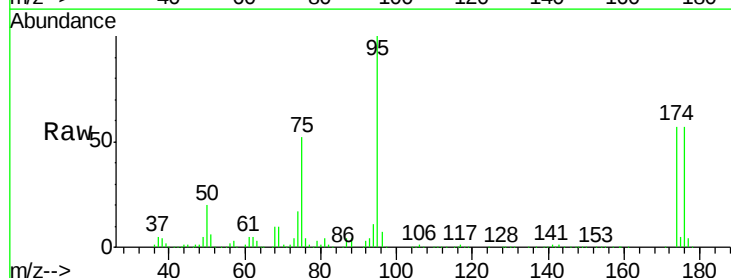
Tgt Ion: 95 Resp: 119017

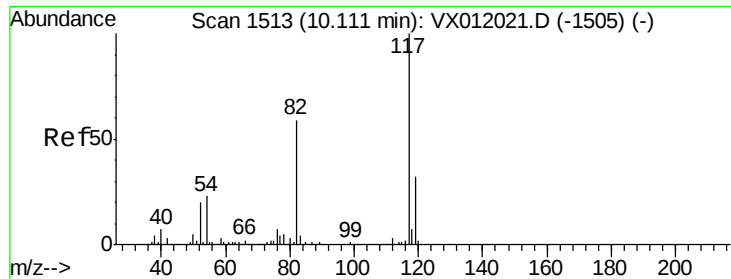
Ion Ratio Lower Upper

95 100

174 63.9 0.0 205.4

176 61.4 0.0 201.8





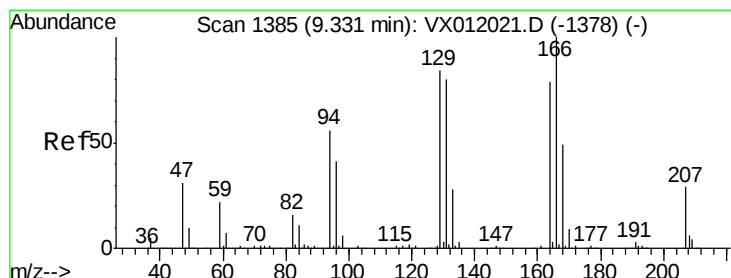
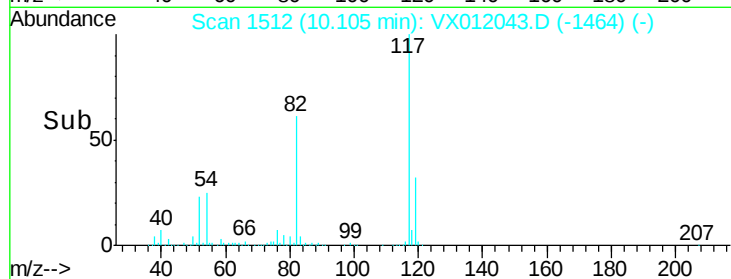
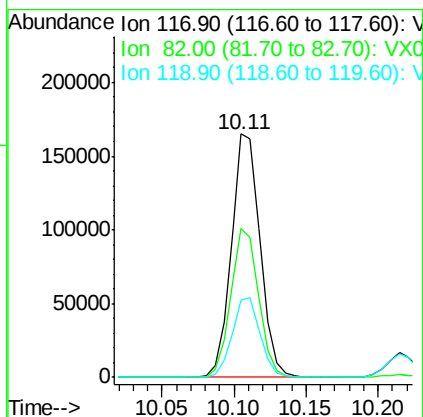
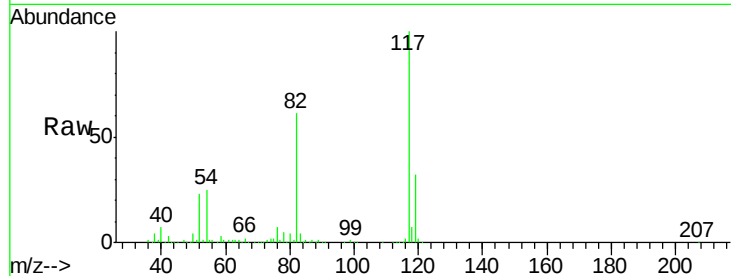
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	230417		
82	61.3	39.4	59.0#	
119	31.6	26.1	39.1	

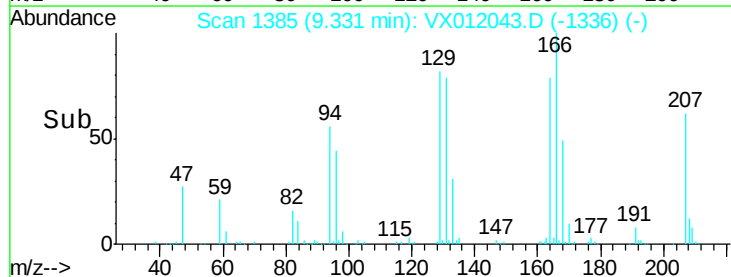
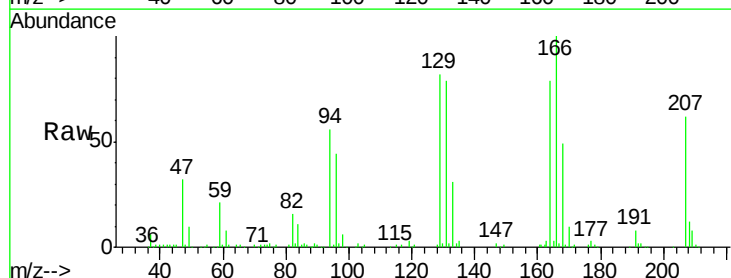
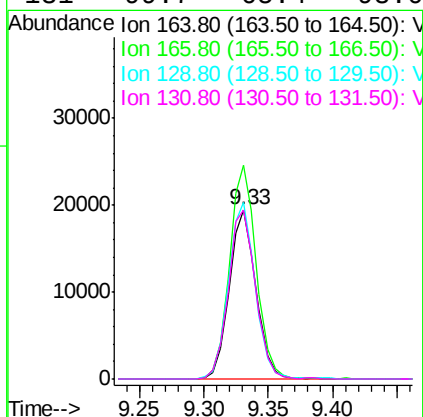
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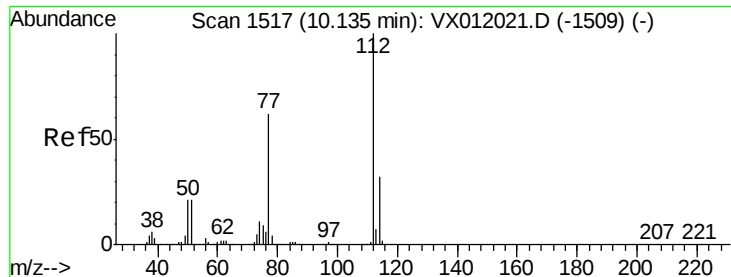
sam
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#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28168		
166	126.2	104.3	156.5	
129	104.1	68.3	102.5#	
131	99.7	65.4	98.0#	





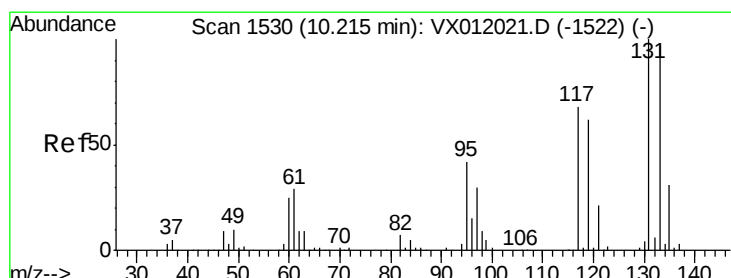
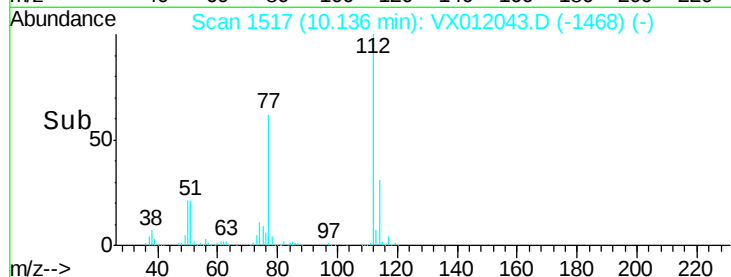
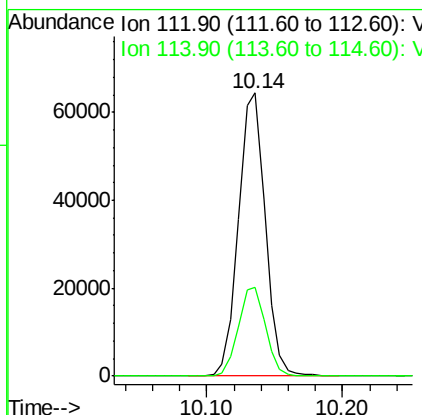
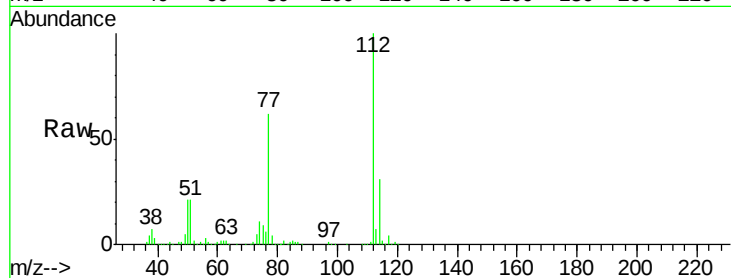
#65
Chlorobenzene
Concen: 19.494 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion:112 Resp: 88624
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2

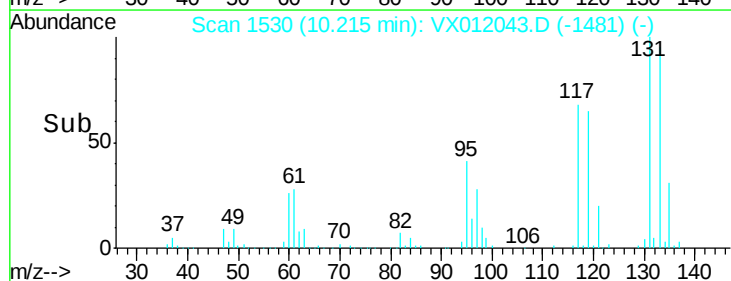
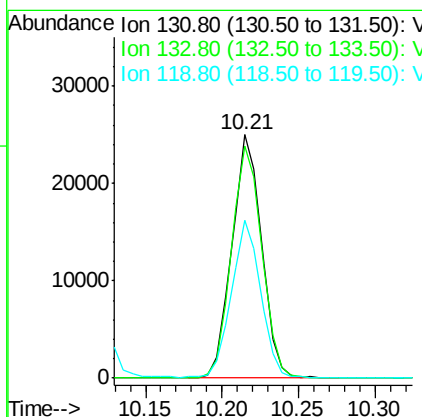
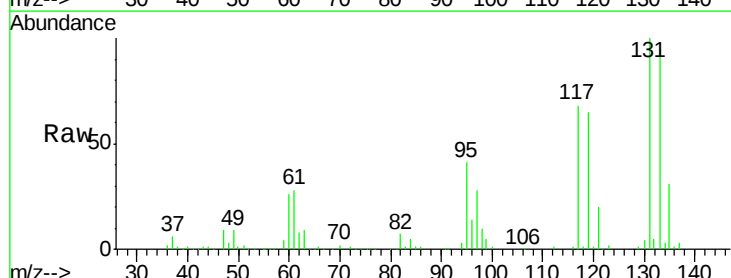
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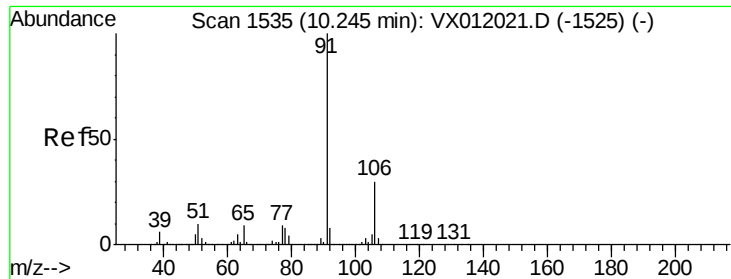
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:131 Resp: 33534
Ion Ratio Lower Upper
131 100
133 97.4 48.4 145.0
119 64.5 30.5 91.5





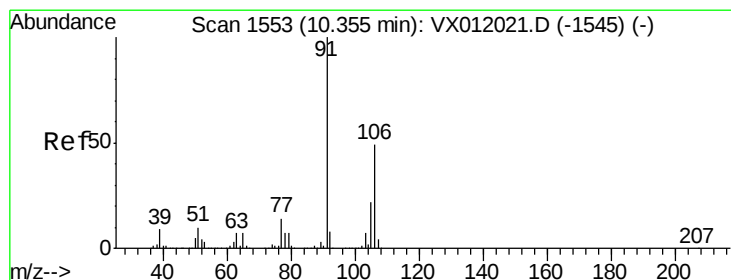
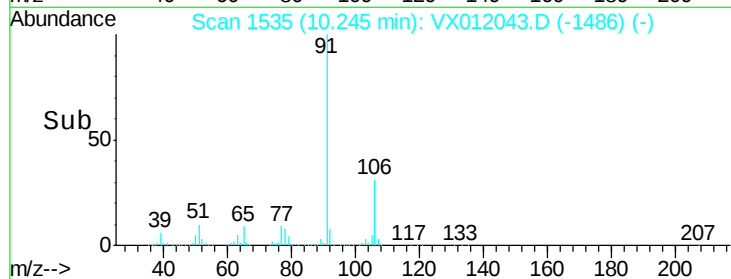
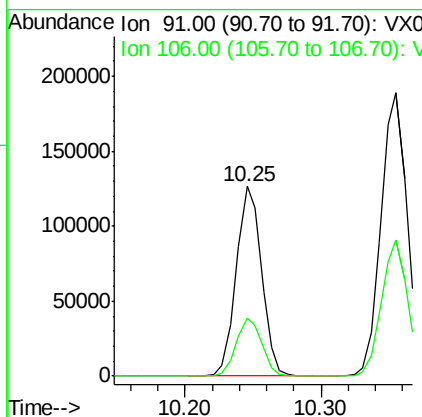
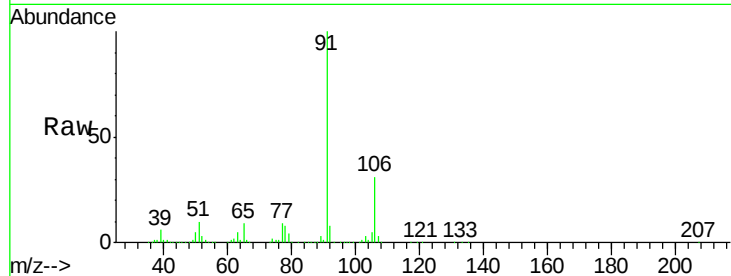
#67
Ethyl Benzene
Concen: 19.893 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion: 91 Resp: 164857
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8

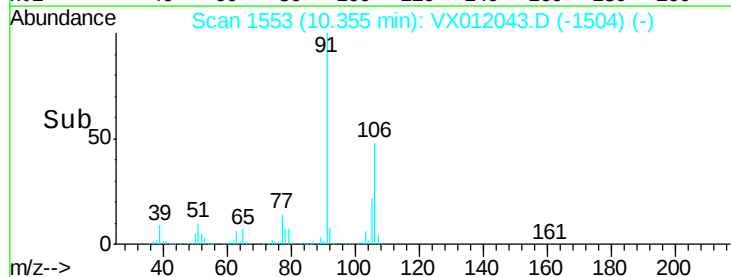
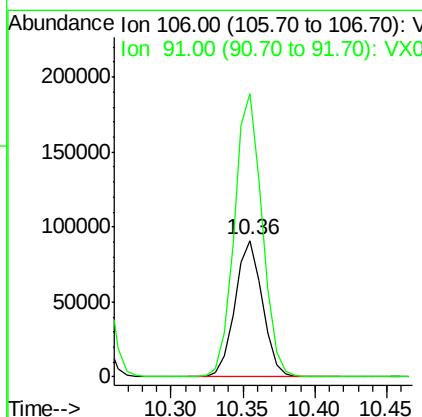
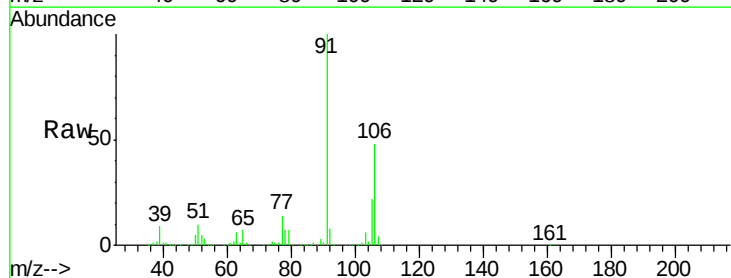
Manual Integrations
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#68
m/p-Xylenes
Concen: 39.721 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 106 Resp: 121279
Ion Ratio Lower Upper
106 100
91 209.3 157.5 236.3





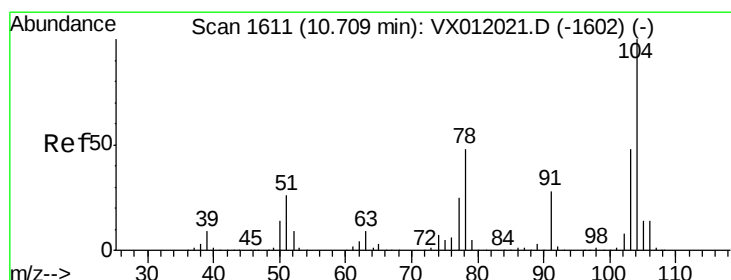
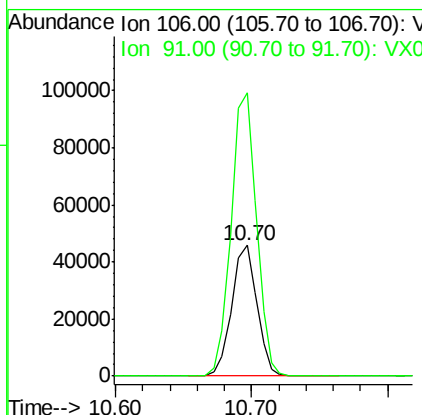
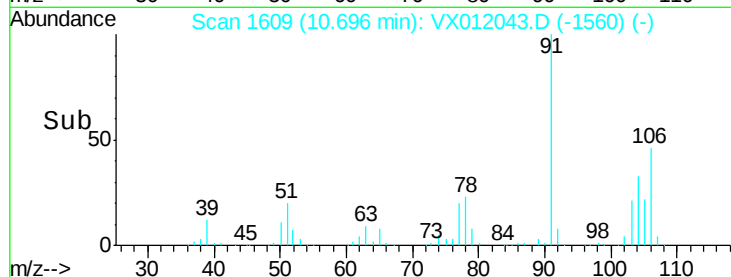
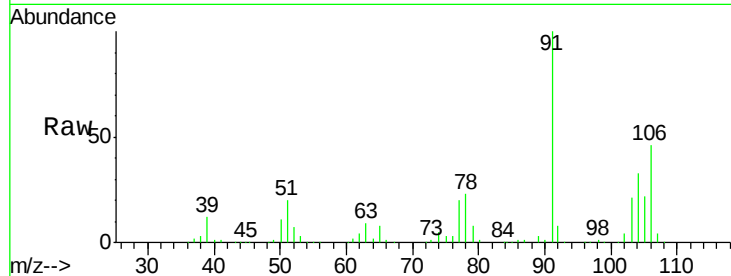
#69
o-Xylene
Concen: 19.989 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion:106 Resp: 59180
Ion Ratio Lower Upper
106 100
91 219.0 103.5 310.3

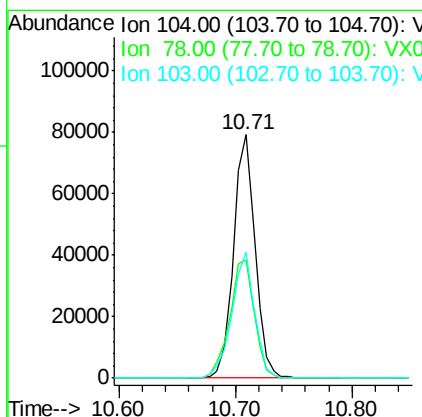
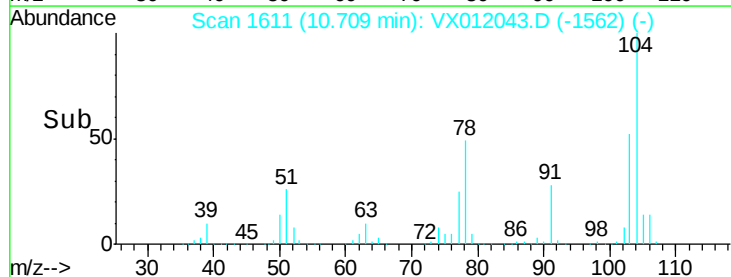
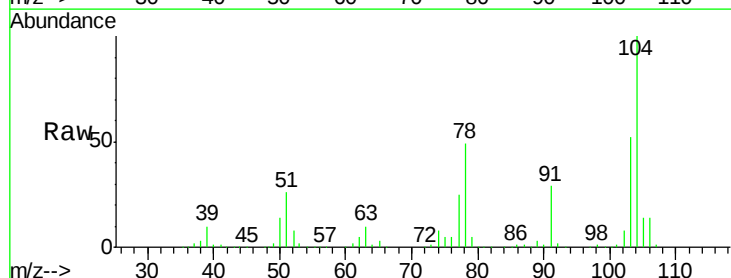
Manual Integrations
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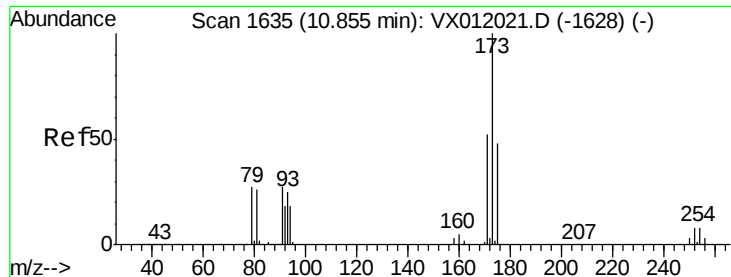
sam
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#70
Styrene
Concen: 19.983 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:104 Resp: 102762
Ion Ratio Lower Upper
104 100
78 55.6 39.1 58.7
103 54.5 43.4 65.2





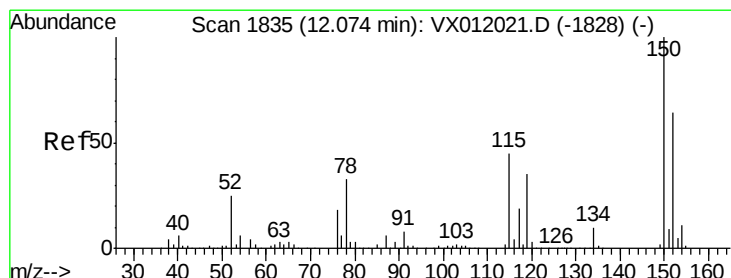
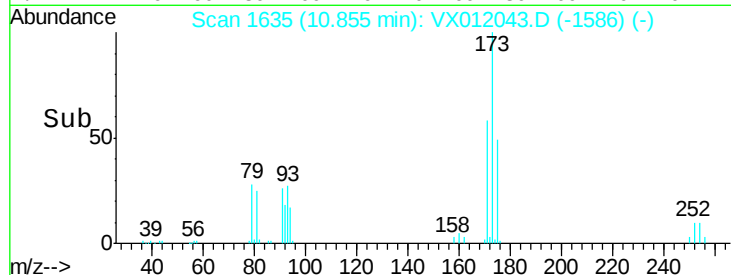
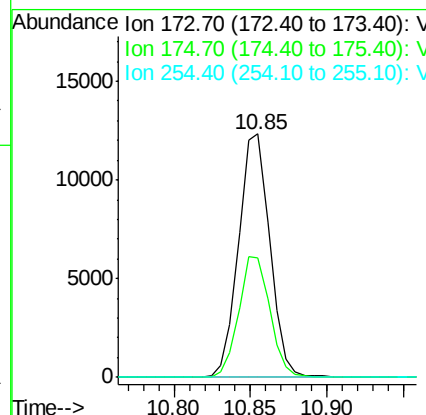
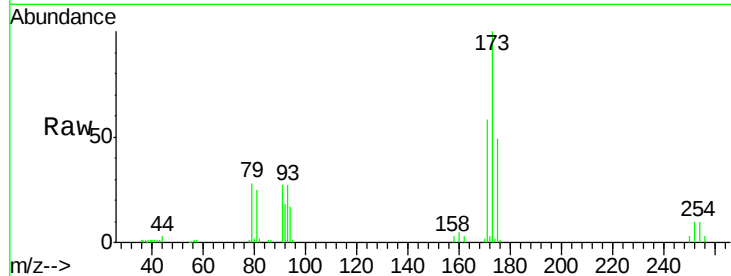
#71
Bromoform
Concen: 19.142 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.9	74.7
254	0.0	0.1	0.1#

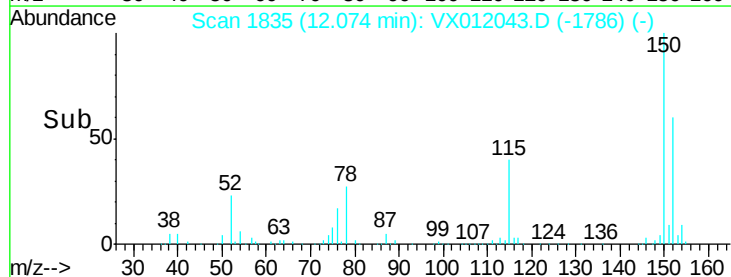
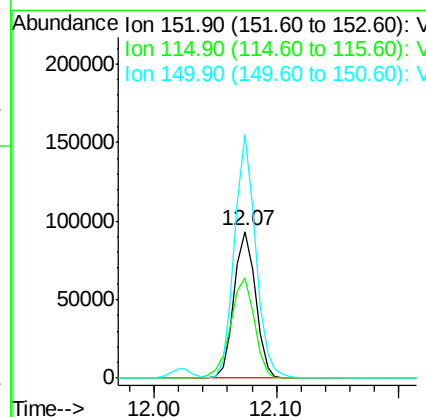
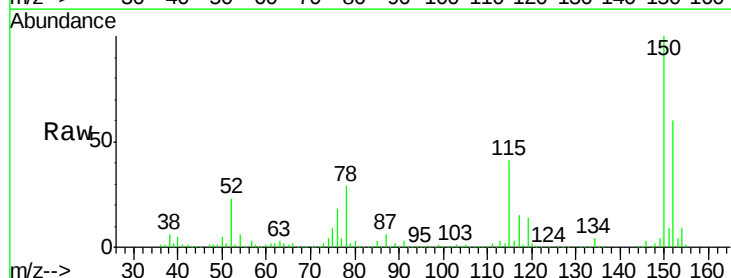
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.0	36.4	109.3
150	163.8	0.0	341.2





#73

Isopropylbenzene

Concen: 20.016 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 105 Resp: 165515

Ion Ratio Lower Upper

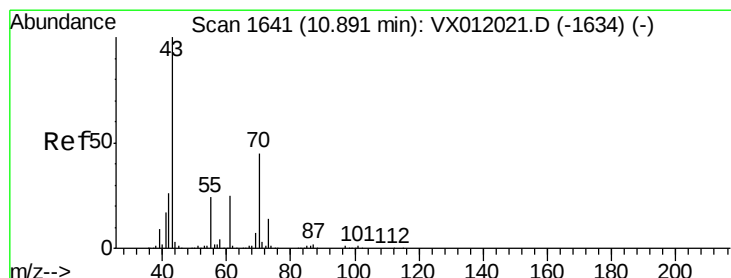
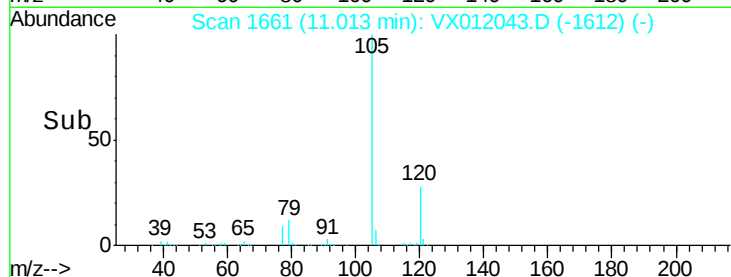
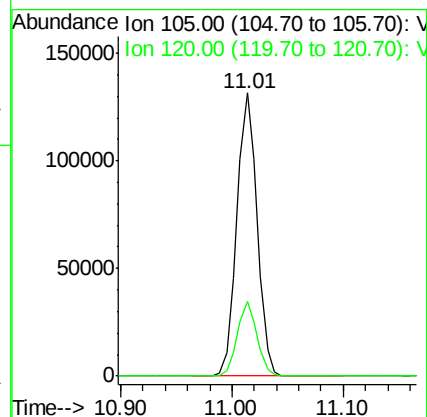
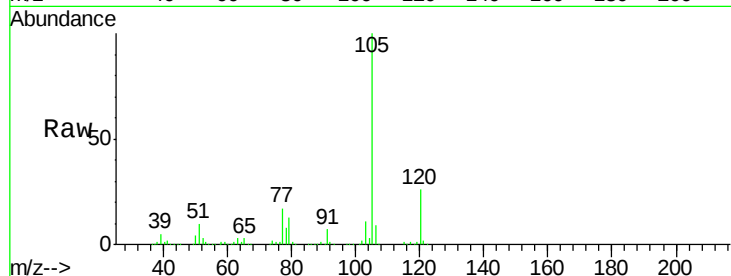
105 100

120 25.7 13.9 41.6

Manual Integrations
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sam

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#74

N-ethyl acetate

Concen: 19.070 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion: 43 Resp: 46625

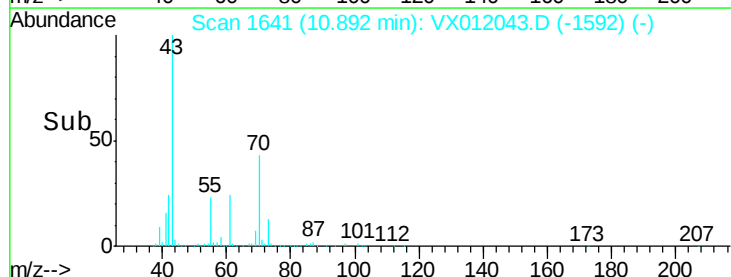
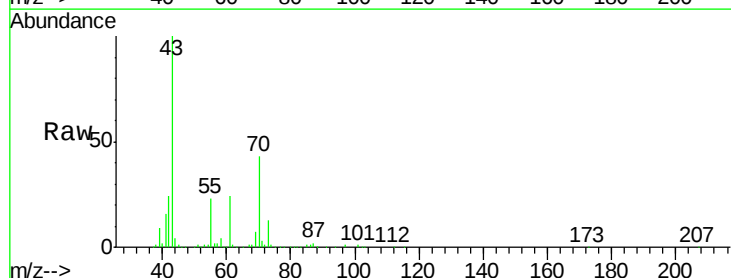
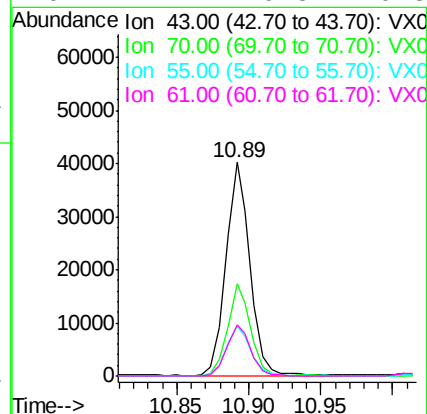
Ion Ratio Lower Upper

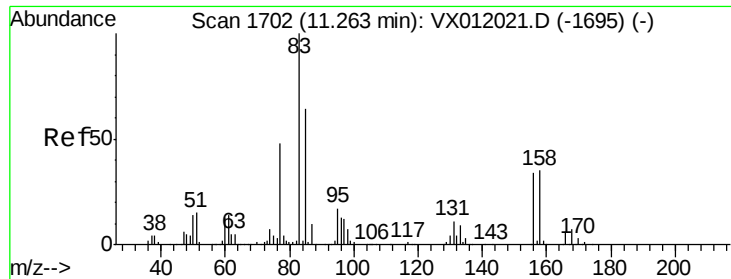
43 100

70 42.4 34.4 51.6

55 23.6 18.5 27.7

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.837 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

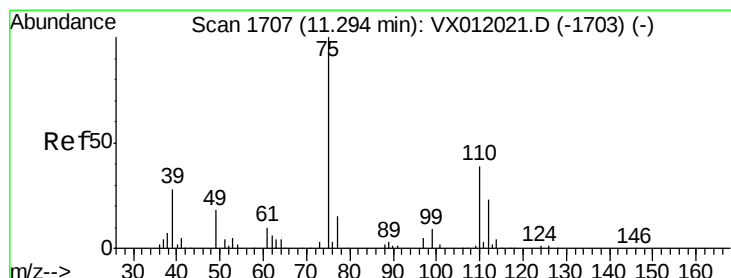
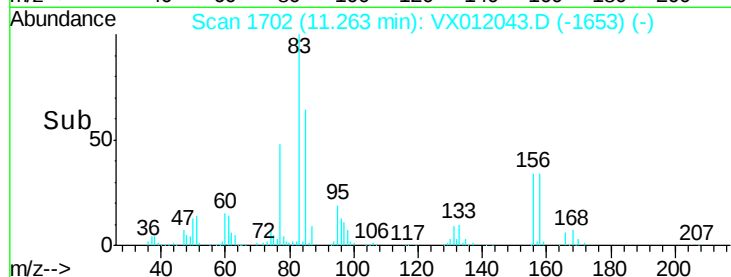
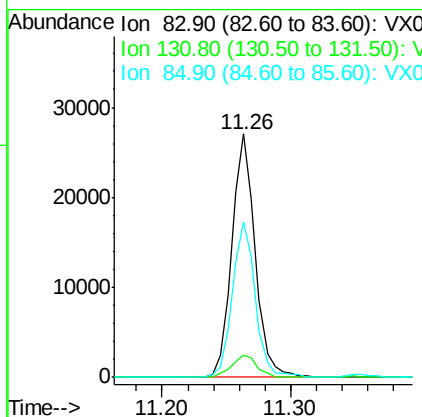
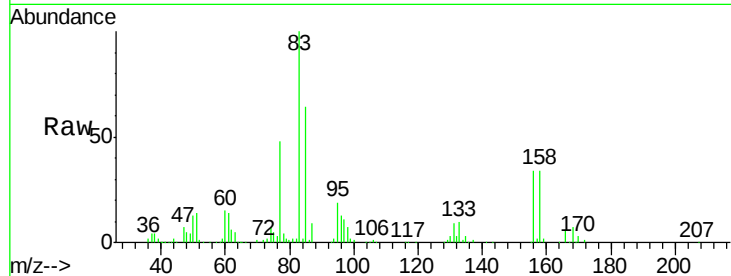
ClientSampleId :

VX0904SBS01

Tot Ion:	83	Resp:	34197
Ion Ratio	Lower	Upper	
83	100		
131	10.0	6.3	19.1
85	63.1	32.5	97.4

Manual Integrations
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sam
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#76

1,2,3-Trichloropropane

Concen: 19.099 ug/l m

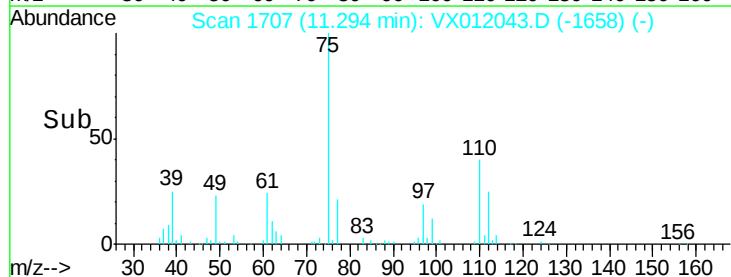
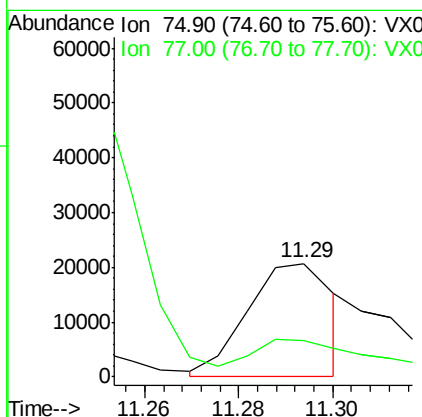
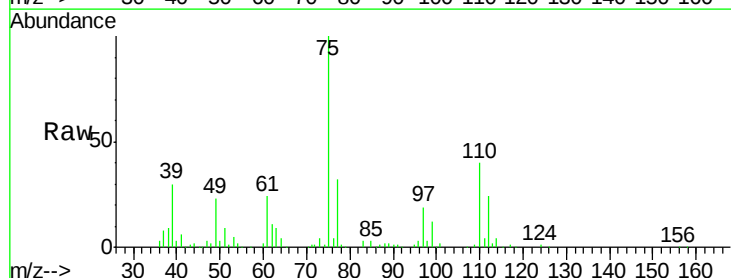
RT: 11.29 min Scan# 1707

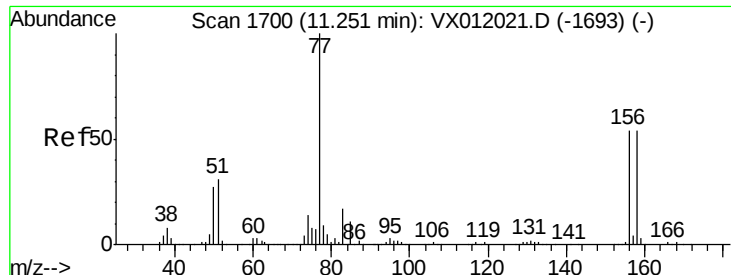
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	75	Resp:	26300
Ion Ratio	Lower	Upper	
75	100		
77	45.4	23.5	70.5





#77

Bromobenzene

Concen: 19.677 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

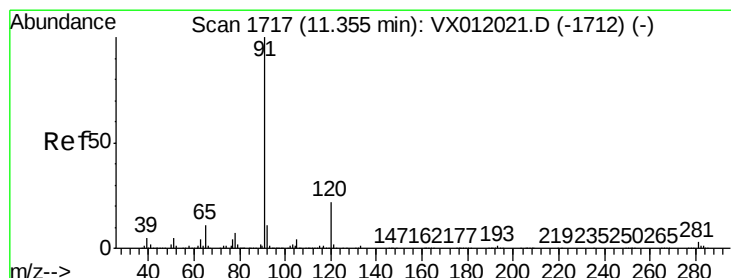
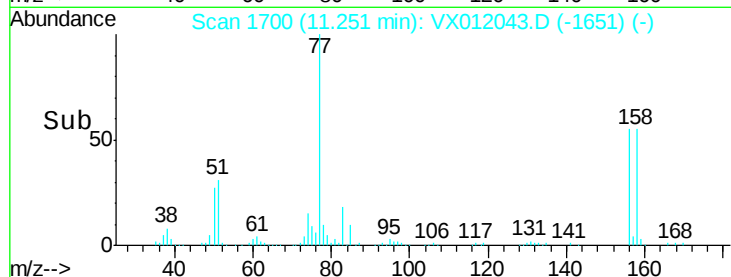
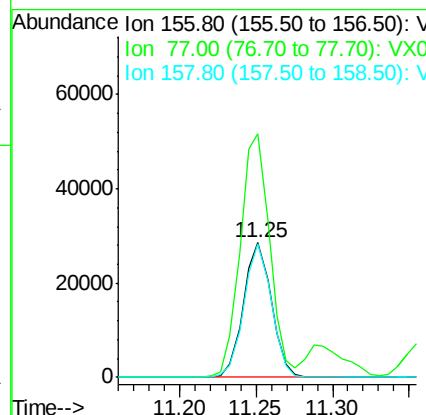
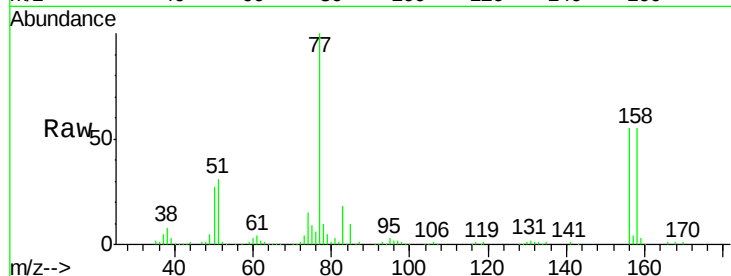
ClientSampleId :

VX0904SBS01

Tot Ion:	156	Resp:	36392
Ion	Ratio	Lower	Upper
156	100		
77	190.0	63.4	190.2
158	96.8	48.9	146.6

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#78

n-propylbenzene

Concen: 19.274 ug/l

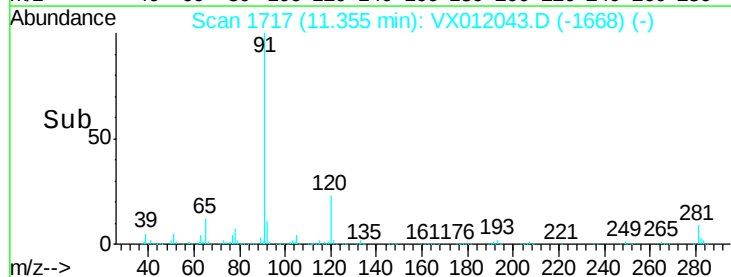
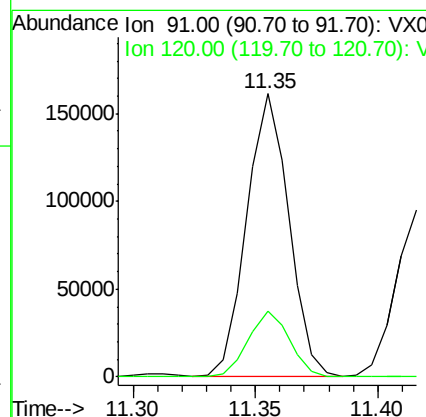
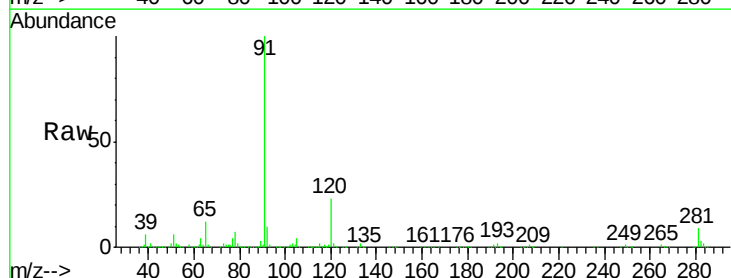
RT: 11.35 min Scan# 1717

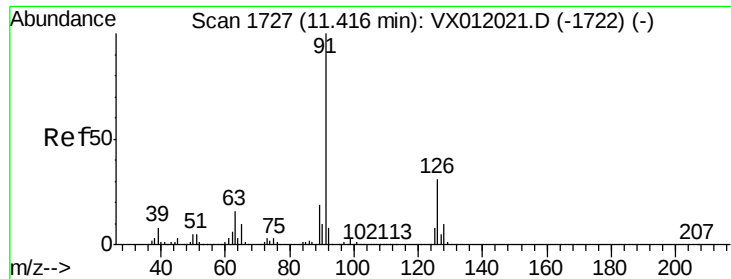
Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	91	Resp:	192547
Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.467 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion: 91 Resp: 117823

Ion Ratio Lower Upper

91 100

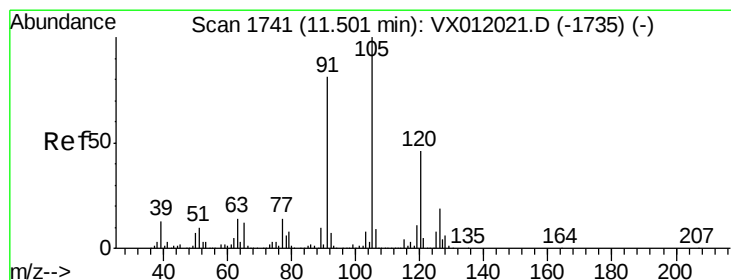
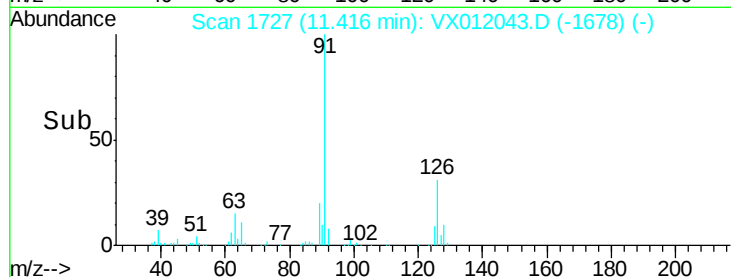
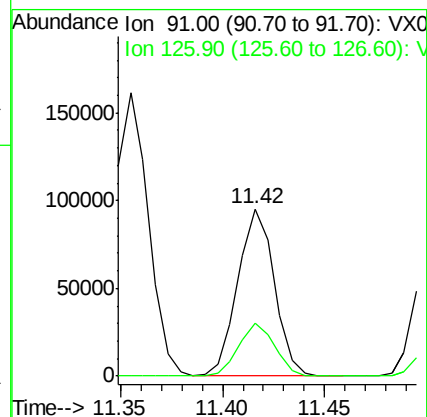
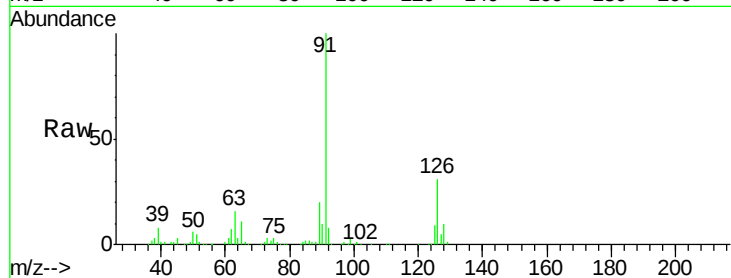
126 31.7 18.6 55.8

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 19.667 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012043.D

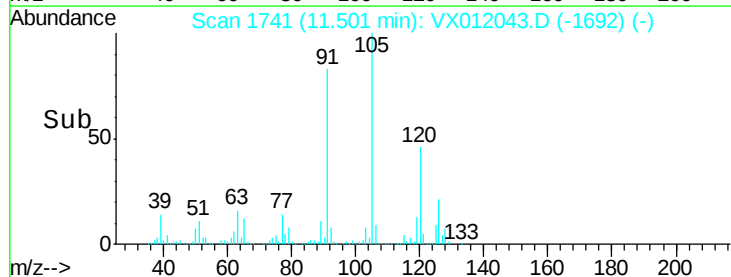
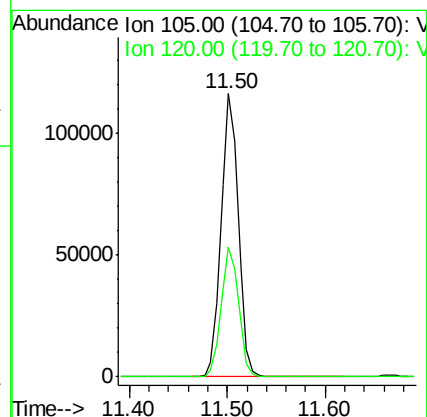
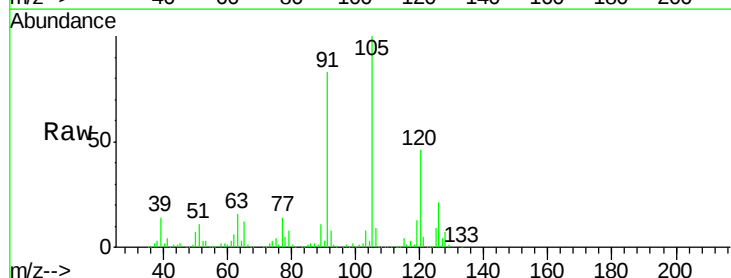
Acq: 04 Sep 2019 11:08

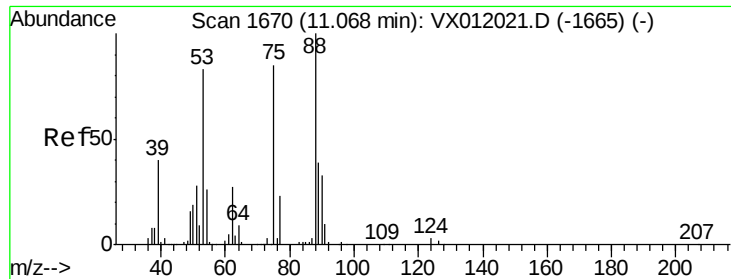
Tgt Ion: 105 Resp: 142523

Ion Ratio Lower Upper

105 100

120 46.2 25.8 77.3





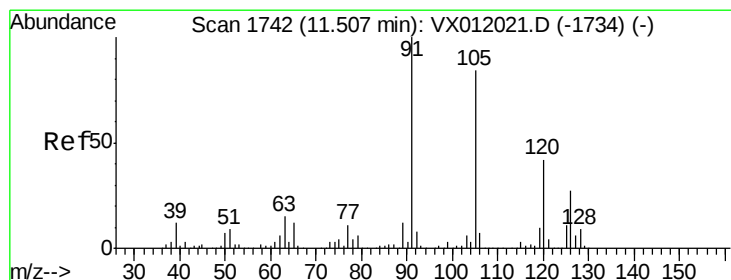
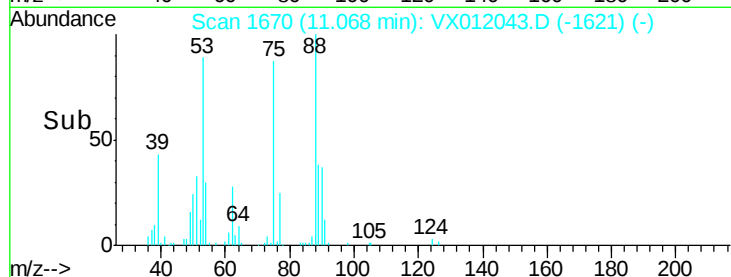
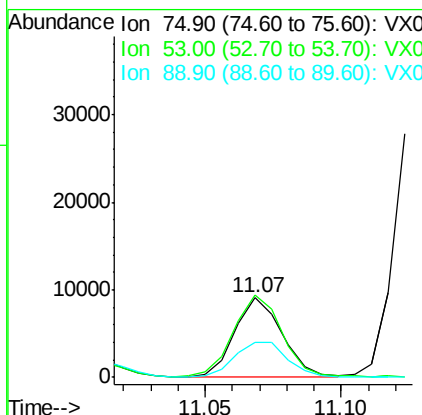
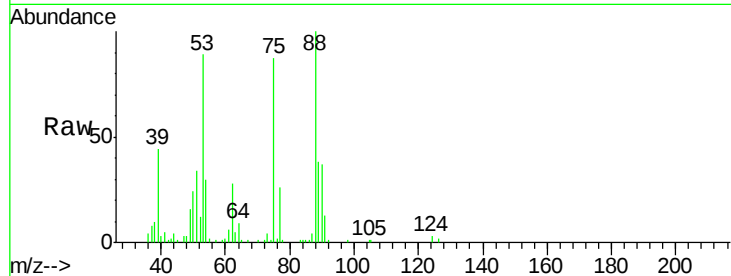
#81
trans-1,4-Dichloro-2-butene
Concen: 19.027 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	78.6	117.8
89	49.1	38.8	58.2

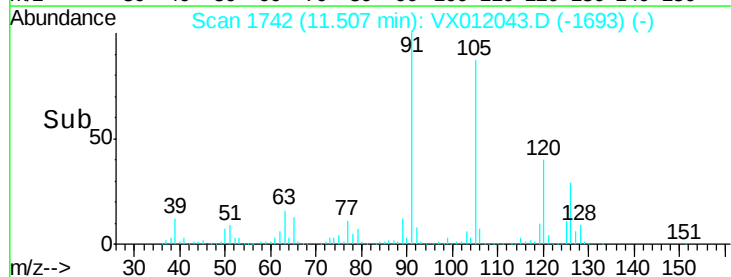
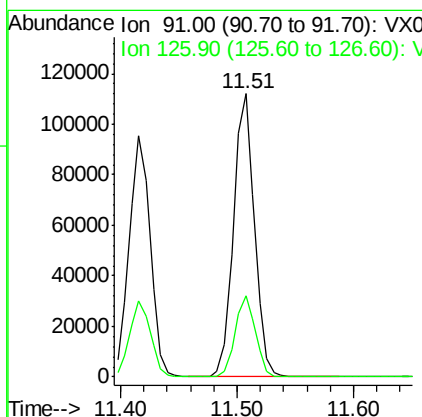
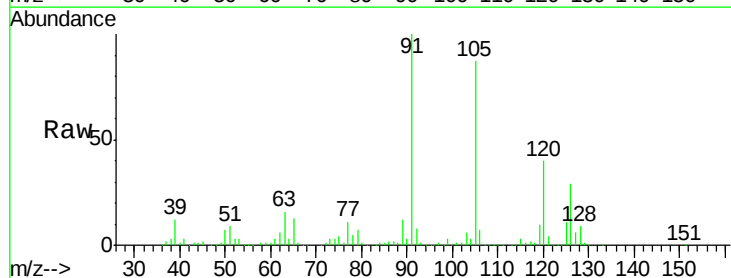
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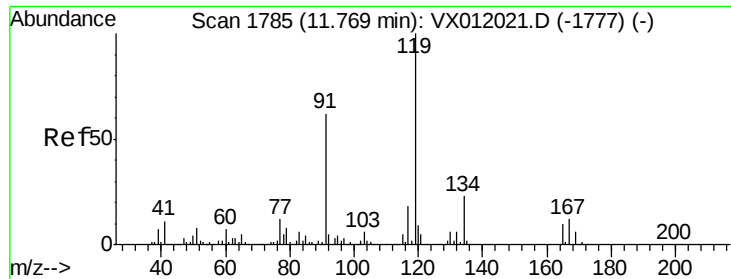
sam
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#82
4-Chlorotoluene
Concen: 19.452 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	16.2	48.6





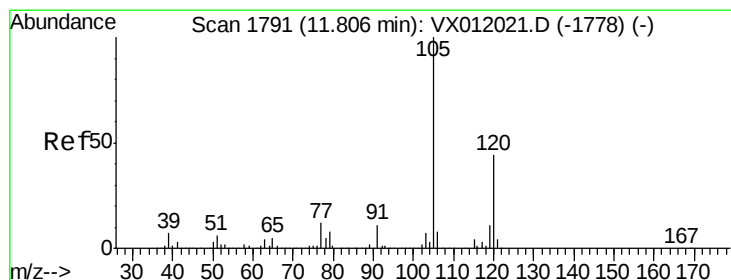
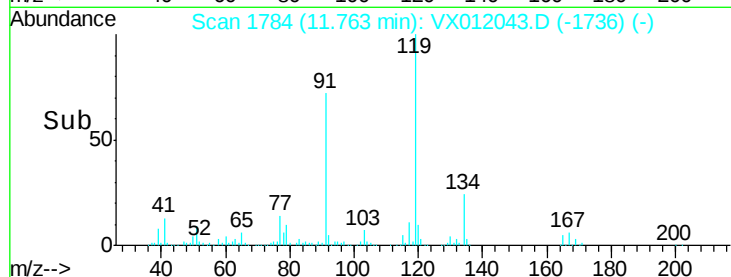
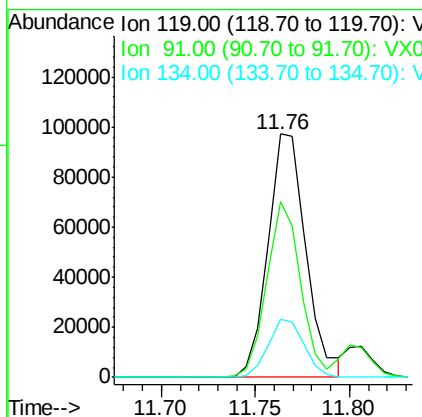
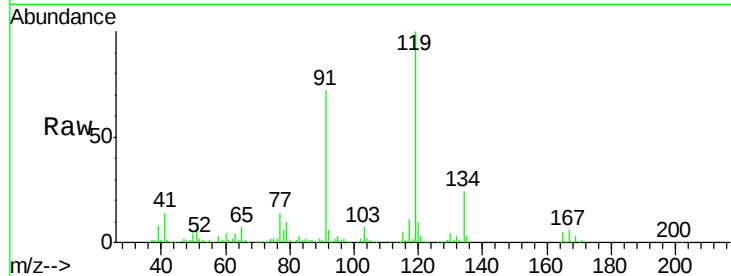
#83
tert-Butylbenzene
Concen: 19.664 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135820		
91	64.1	27.1	81.2	
134	22.5	12.1	36.3	

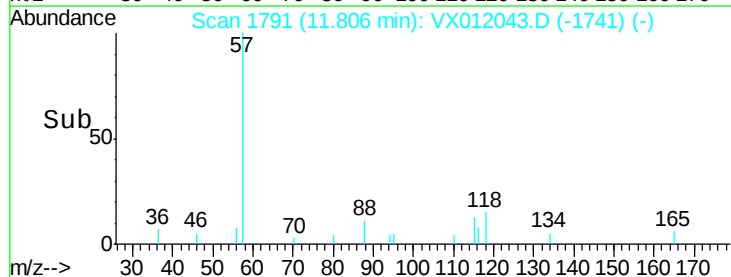
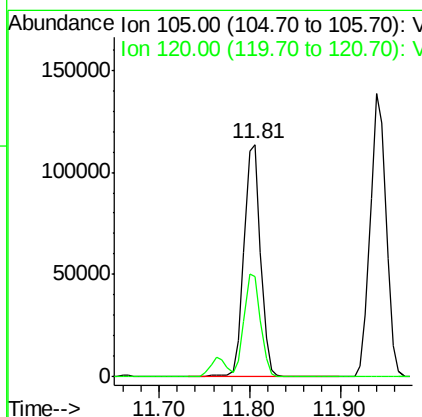
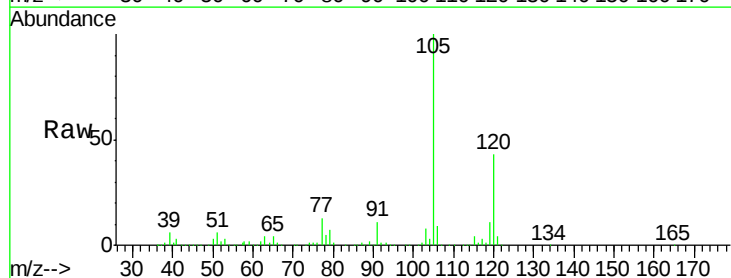
Manual Integrations
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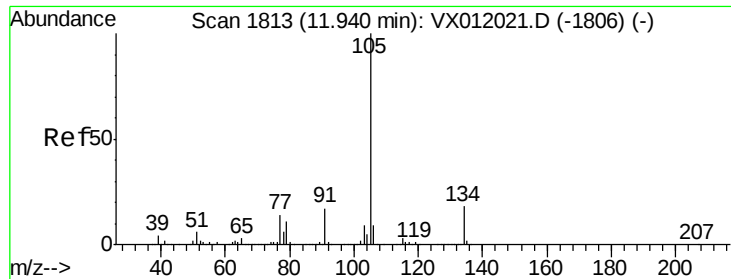
sam
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#84
1,2,4-Trimethylbenzene
Concen: 19.376 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	144313		
120	43.9	23.6	70.8	





#85

sec-Butylbenzene

Concen: 19.727 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

Tot Ion:105 Resp: 169238

Ion Ratio Lower Upper

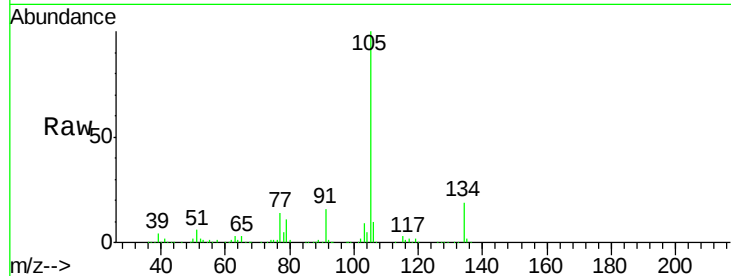
105 100

134 19.4 11.2 33.6

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

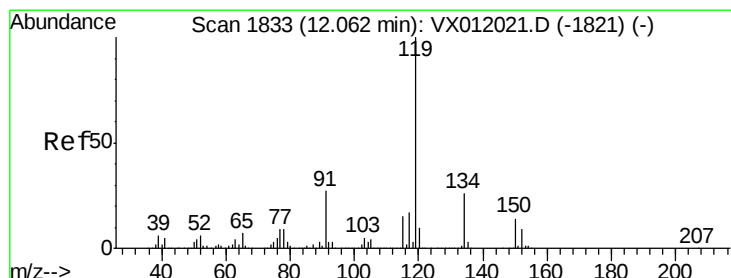
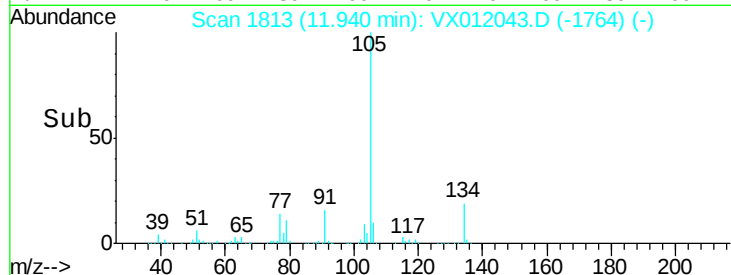
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.300 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

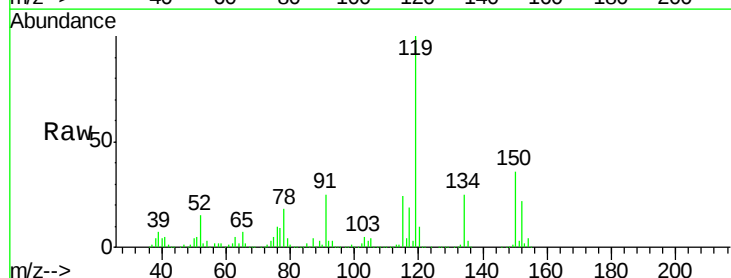
Tgt Ion:119 Resp: 150583

Ion Ratio Lower Upper

119 100

134 25.3 13.7 41.1

91 26.9 11.4 34.1



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

12.06

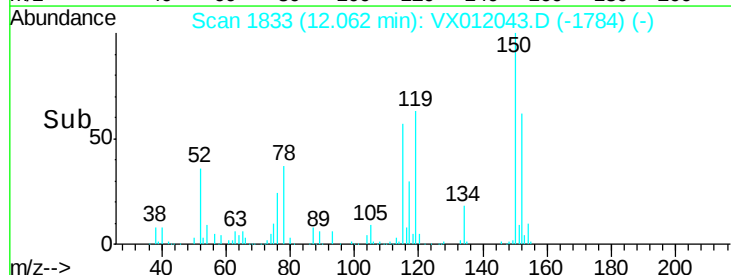
150000

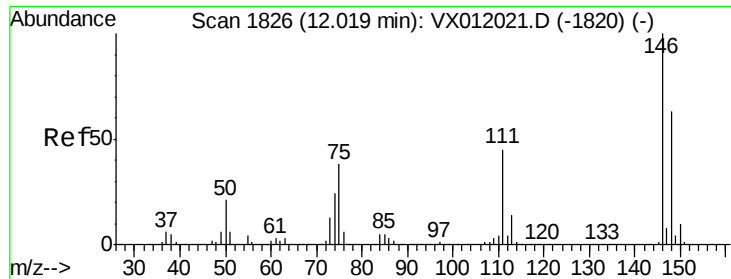
100000

50000

0

Time-->





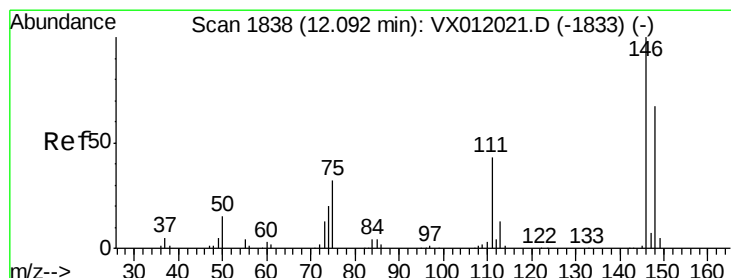
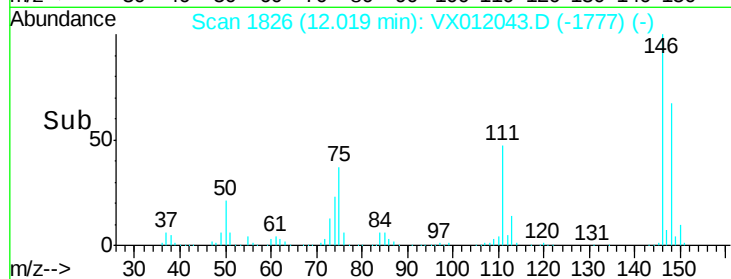
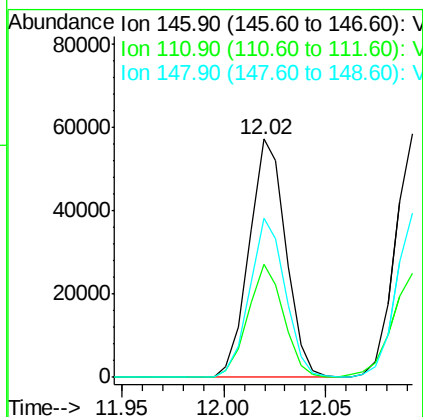
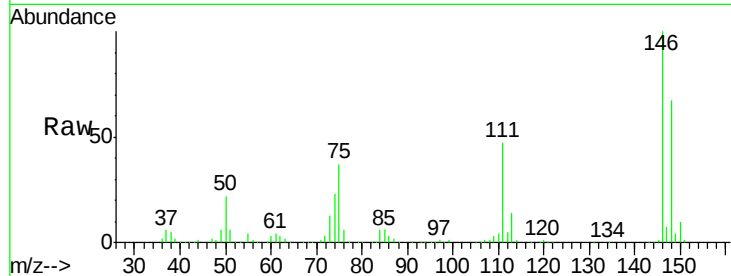
#87
 1,3-Dichlorobenzene
 Concen: 19.394 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	18.1	54.1
148	64.8	32.6	97.8

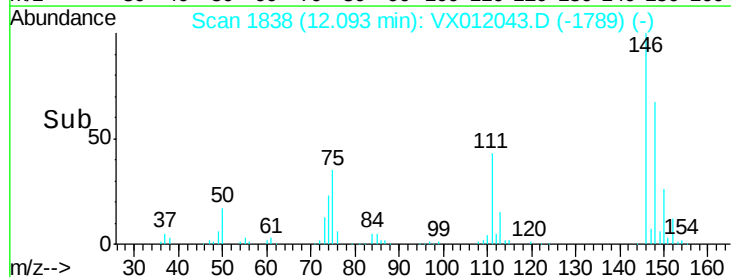
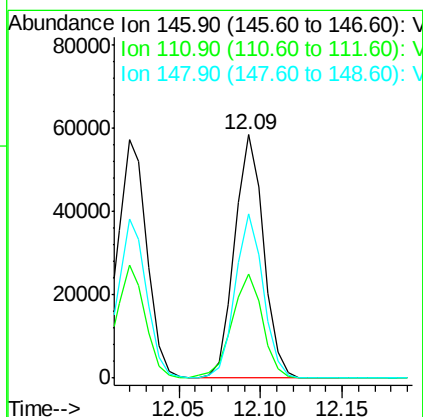
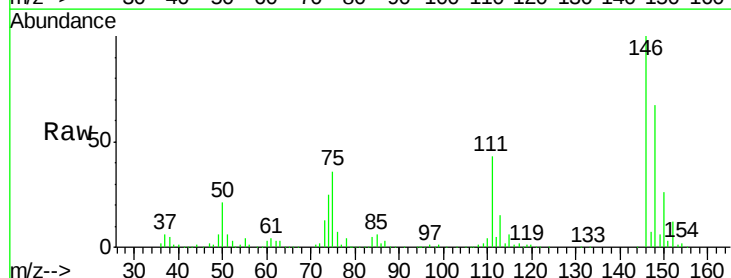
Manual Integrations
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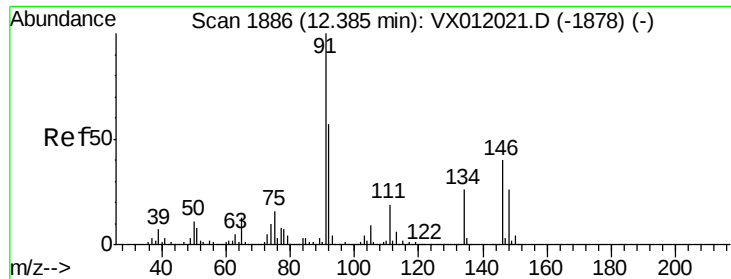
sam
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#88
 1,4-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	17.7	53.1
148	65.7	32.4	97.0





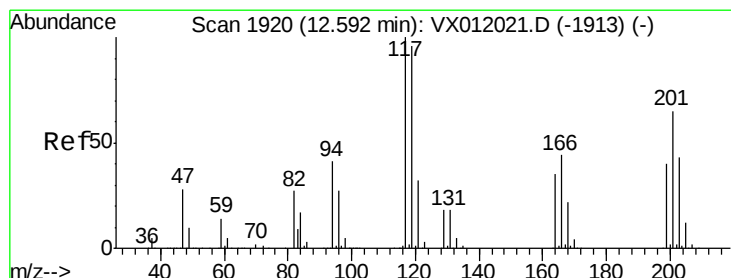
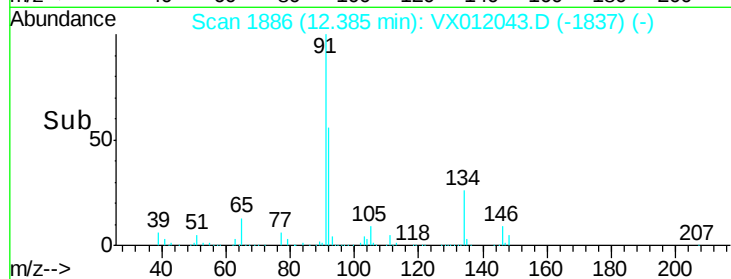
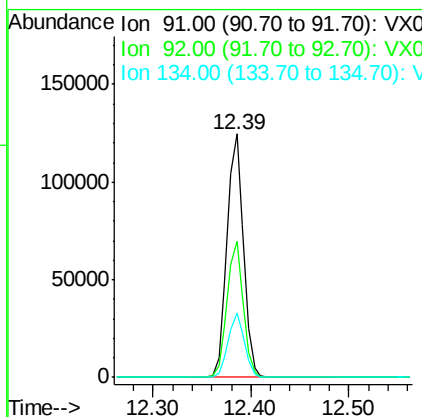
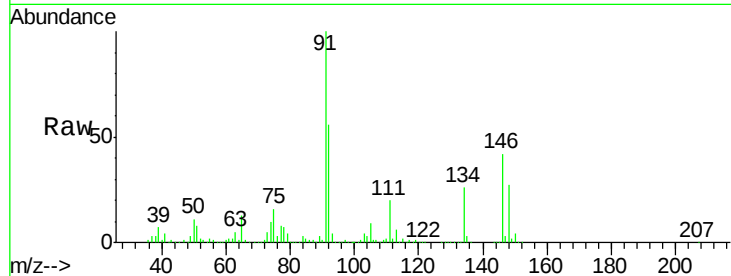
#89
n-Butylbenzene
Concen: 19.257 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	145946		
92	54.8		27.6	82.8
134	25.8		15.4	46.1

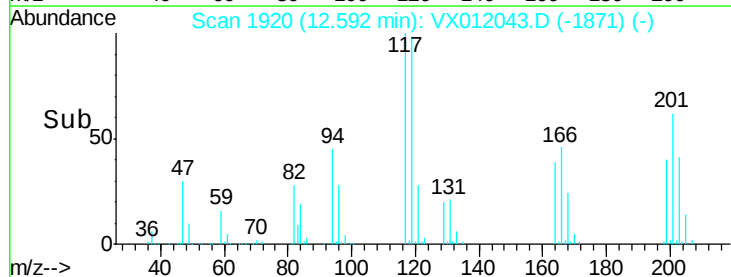
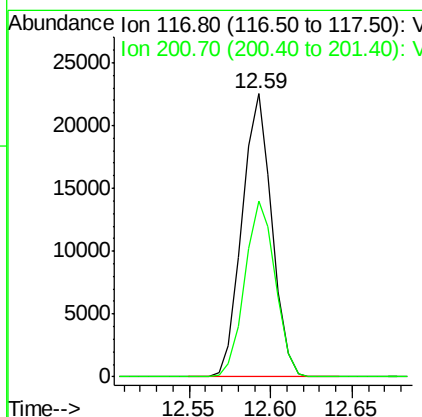
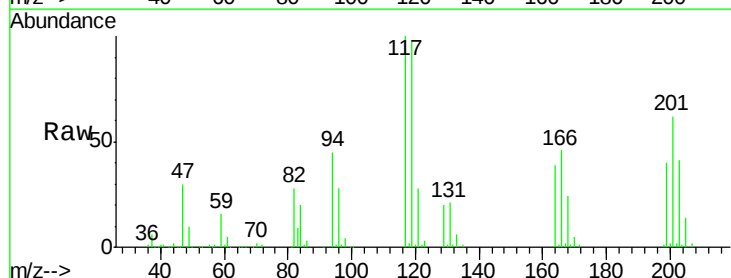
Manual Integrations
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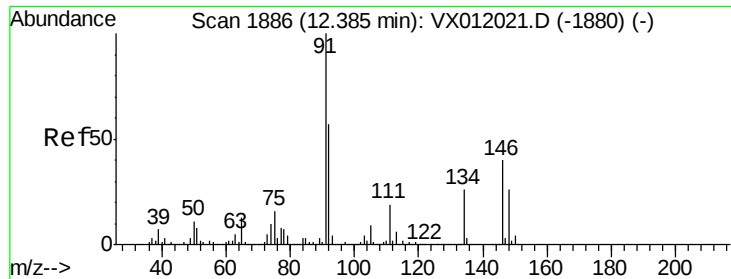
sam
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#90
Hexachloroethane
Concen: 18.447 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28737		
201	63.8		55.0	165.2





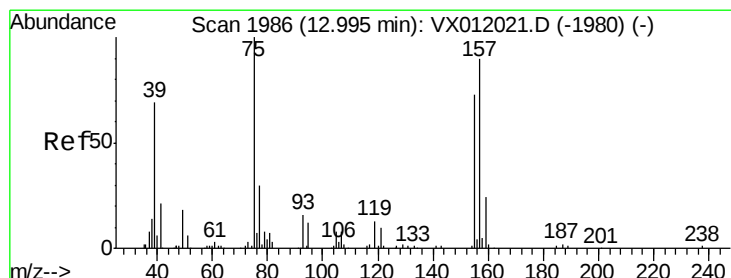
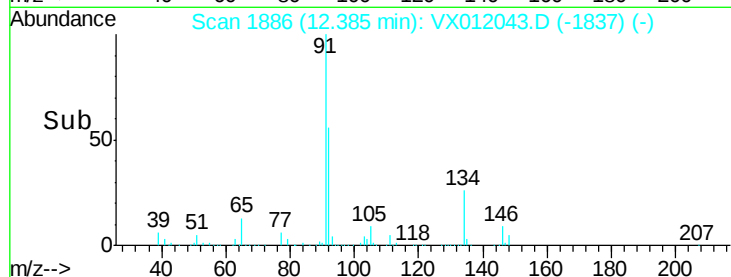
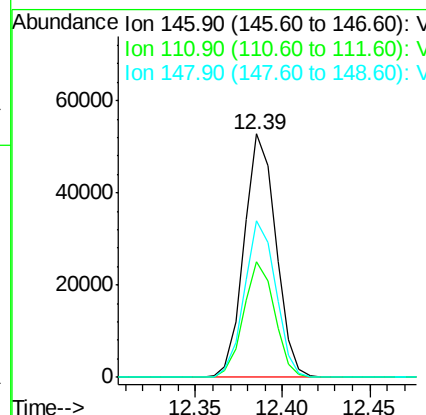
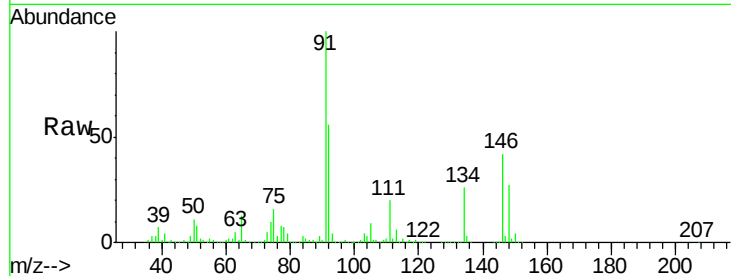
#91
 1,2-Dichlorobenzene
 Concen: 20.104 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	18.6	56.0
148	63.6	32.4	97.2

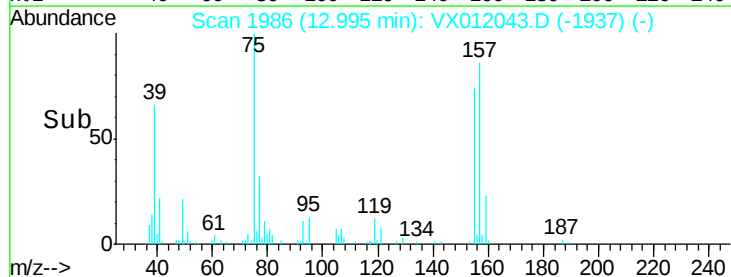
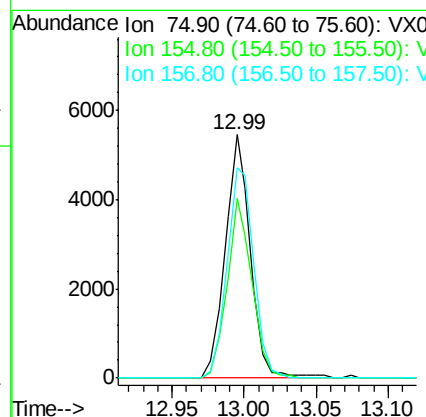
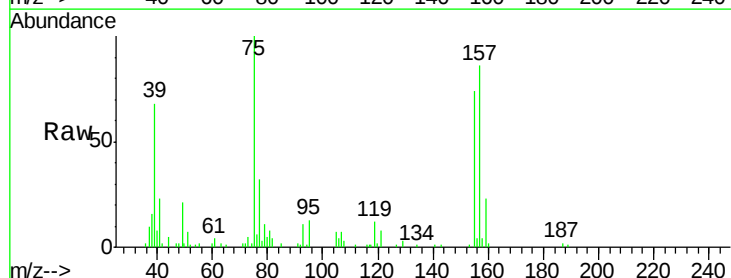
Manual Integrations
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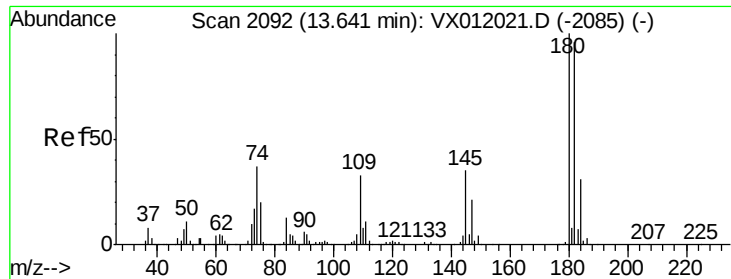
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.561 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.7	51.7	155.2
157	91.7	66.9	200.7





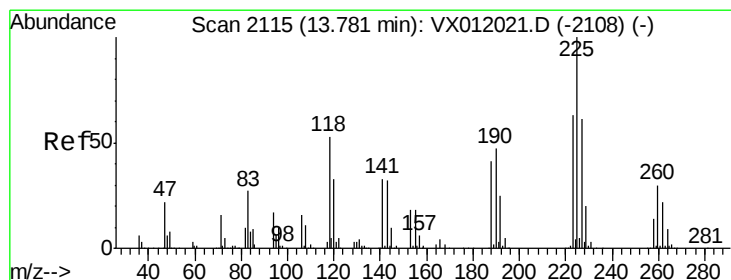
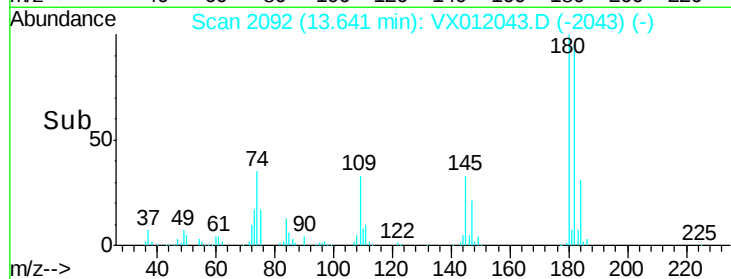
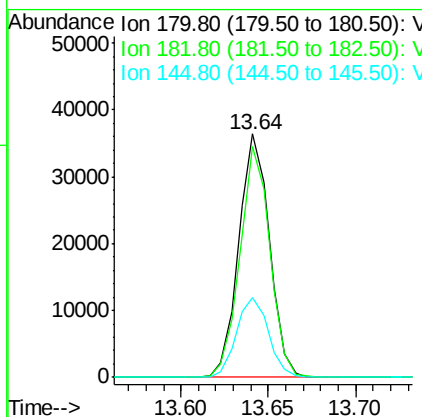
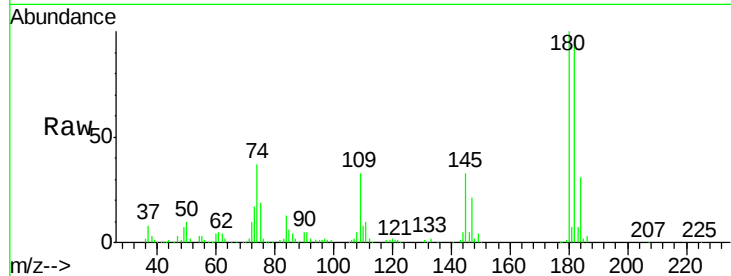
#93
 1,2,4-Trichlorobenzene
 Concen: 18.627 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	44251		
182	92.5	47.3	142.0	
145	34.3	13.7	41.0	

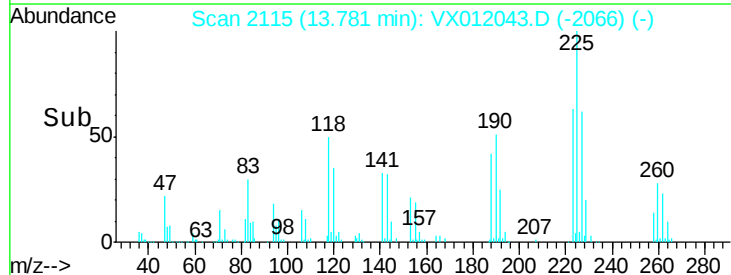
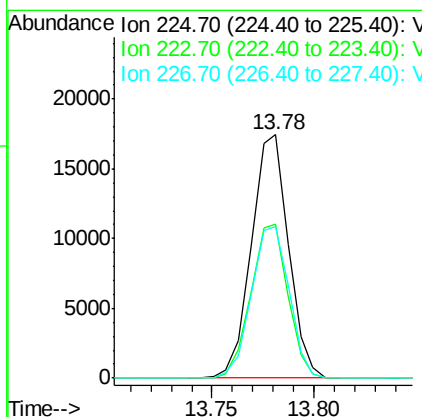
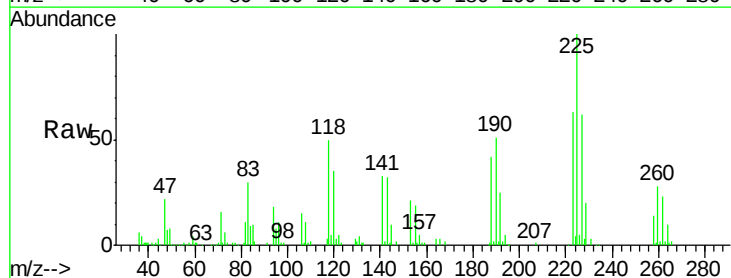
Manual Integrations
 APPROVED

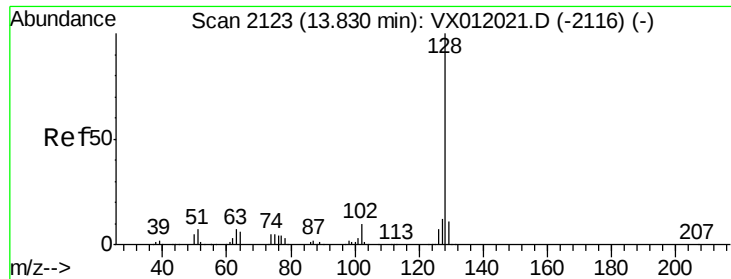
sam
 9/5/2019 2:55:43 PM



#94
 Hexachlorobutadiene
 Concen: 18.427 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22066		
223	63.3	31.6	95.0	
227	63.7	32.5	97.5	





#95

Naphthalene

Concen: 17.996 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

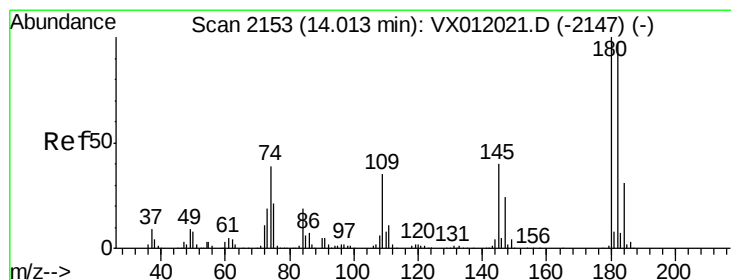
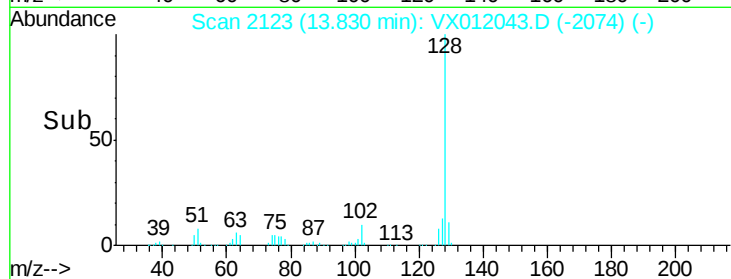
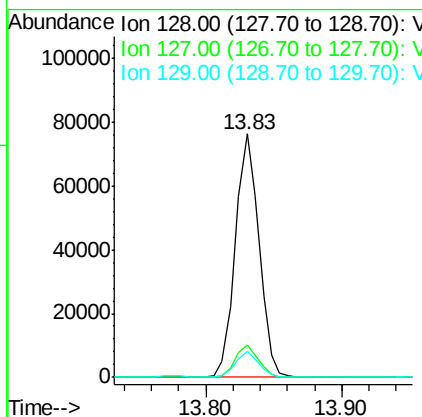
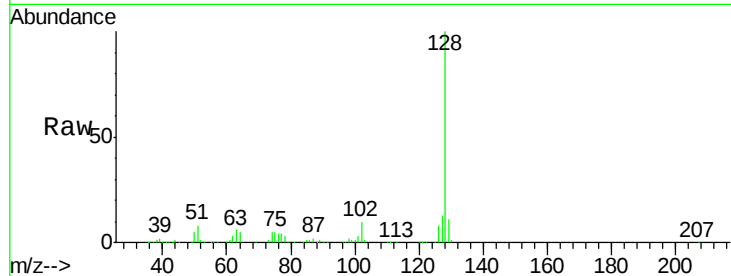
ClientSampled :

VX0904SBS01

Tot Ion:	128	Resp:	92524
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.8	13.2

Manual Integrations
APPROVED

sam
9/5/2019 2:55:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.896 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion:	180	Resp:	37403
Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.9	143.6
145	38.2	14.1	42.4

