

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091318\
 Data File : VX004526.D
 Acq On : 13 Sep 2018 19:41
 Operator : JC/MD
 Sample : VX0913WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:55 AM

Quant Time: Sep 14 05:36:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181658	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	158804	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	536722	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	190583	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51340	20.005	ug/l	97
3) Chloromethane	1.32	50	67774	19.189	ug/l	97
4) Vinyl Chloride	1.40	62	70300	19.394	ug/l	99
5) Bromomethane	1.64	94	35591	22.806	ug/l	92
6) Chloroethane	1.72	64	44500	18.983	ug/l	100
7) Trichlorofluoromethane	1.93	101	93583	19.474	ug/l	93
8) Diethyl Ether	2.19	74	40867	18.969	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59236	19.431	ug/l	98
10) Methyl Iodide	2.51	142	59937	19.304	ug/l	98
11) Tert butyl alcohol	3.07	59	79651	94.543	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55192	19.290	ug/l	94
13) Acrolein	2.29	56	31301	94.120	ug/l	96
14) Allyl chloride	2.73	41	112252	19.083	ug/l	95
15) Acrylonitrile	3.15	53	193955	95.600	ug/l	99
16) Acetone	2.45	43	153153	88.873	ug/l	98
17) Carbon Disulfide	2.57	76	153323	18.539	ug/l	100
18) Methyl Acetate	2.78	43	93840	19.409	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	193709	19.295	ug/l	95
20) Methylene Chloride	2.85	84	67013	18.956	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	60878	19.255	ug/l	98
22) Diisopropyl ether	3.87	45	203088	19.170	ug/l	95
23) Vinyl Acetate	3.82	43	826159	96.364	ug/l	99
24) 1,1-Dichloroethane	3.70	63	116131	19.416	ug/l	98
25) 2-Butanone	4.70	43	239738	87.412	ug/l	94
26) 2,2-Dichloropropane	4.58	77	76256	18.562	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69671	19.740	ug/l	98
28) Bromochloromethane	5.02	49	59569	21.773	ug/l	95
29) Tetrahydrofuran	5.15	42	160819	97.233	ug/l	97
30) Chloroform	5.21	83	113843	19.495	ug/l	96
31) Cyclohexane	5.57	56	100405	19.659	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	94702	20.136	ug/l	99
36) 1,1-Dichloropropene	5.80	75	84711	20.253	ug/l	99
37) Ethyl Acetate	4.86	43	92145	19.370	ug/l	100
38) Carbon Tetrachloride	5.79	117	80611	19.732	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
 APPROVED

MMDadoda
 9/15/2018 11:23:55 AM

Quant Time: Sep 14 05:36:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84956	19.464	ug/l	96
40) Benzene	6.15	78	258102	20.798	ug/l	97
41) Methacrylonitrile	5.06	41	50812	19.386	ug/l	99
42) 1,2-Dichloroethane	6.19	62	83407	20.264	ug/l	100
43) Isopropyl Acetate	6.46	43	123831	19.599	ug/l	99
44) Trichloroethene	7.21	130	62450	19.370	ug/l	95
45) 1,2-Dichloropropane	7.52	63	58943	19.739	ug/l	99
46) Dibromomethane	7.66	93	37480	19.867	ug/l	99
47) Bromodichloromethane	7.90	83	69302	19.425	ug/l	100
48) Methyl methacrylate	7.78	41	60261	19.272	ug/l	98
49) 1,4-Dioxane	7.76	88	28914	390.685	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	403188	90.424	ug/l	99
52) Toluene	8.79	92	145278	19.869	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	84555	20.289	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	84100	19.796	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64249	20.408	ug/l	96
56) Ethyl methacrylate	9.18	69	90996	20.431	ug/l	97
57) 1,3-Dichloropropane	9.37	76	108825	21.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217148	100.184	ug/l	96
59) 2-Hexanone	9.50	43	330031	96.497	ug/l	96
60) Dibromochloromethane	9.59	129	59891	20.207	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60807	20.219	ug/l	97
64) Tetrachloroethene	9.34	164	82885	20.423	ug/l	91
65) Chlorobenzene	10.14	112	156534	19.387	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	53899	19.357	ug/l	99
67) Ethyl Benzene	10.26	91	259265	19.747	ug/l	98
68) m/p-Xylenes	10.36	106	205421	40.618	ug/l	97
69) o-Xylene	10.70	106	96885	19.927	ug/l	98
70) Styrene	10.71	104	162113	20.126	ug/l	98
71) Bromoform	10.86	173	42278	18.492	ug/l #	98
73) Isopropylbenzene	11.02	105	264678	20.728	ug/l	100
74) N-amyl acetate	10.90	43	101622	18.908	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	81883	19.880	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76905m	19.715	ug/l	
77) Bromobenzene	11.26	156	71322	20.208	ug/l	98
78) n-propylbenzene	11.36	91	302268	20.588	ug/l	99
79) 2-Chlorotoluene	11.42	91	181627	20.397	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	221472	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	22702	18.551	ug/l	99
82) 4-Chlorotoluene	11.51	91	210207	20.226	ug/l	99
83) tert-Butylbenzene	11.77	119	209882	20.537	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	229252	20.918	ug/l	99
85) sec-Butylbenzene	11.94	105	268932	20.651	ug/l	99
86) p-Isopropyltoluene	12.07	119	236390	20.555	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130473	19.814	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	132971	19.543	ug/l	99
89) n-Butylbenzene	12.39	91	200320	19.115	ug/l	97
90) Hexachloroethane	12.60	117	34406	18.688	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132258	19.844	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16900	19.217	ug/l	99

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MSVOA_X
ClientSampleId :
VX0913WBSD01

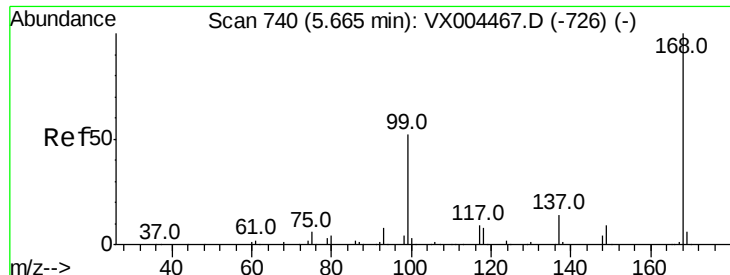
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92635	19.629	ug/l	99
94) Hexachlorobutadiene	13.79	225	46811	18.989	ug/l	96
95) Naphthalene	13.83	128	267269	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96182	19.838	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleID :

VX0913WBSD01

Tot Ion:168 Resp: 273827

Ion Ratio Lower Upper

168 100

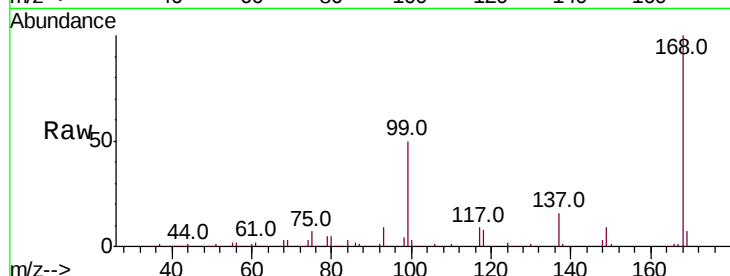
99 49.7 39.9 59.9

Manual Integrations

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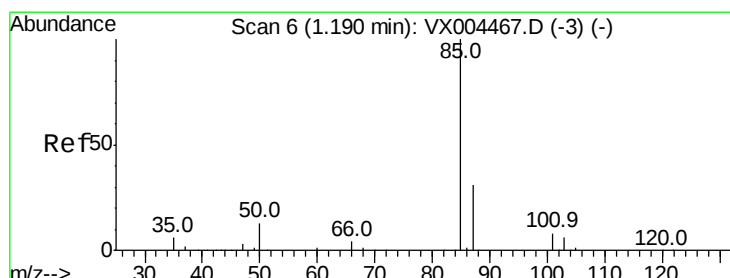
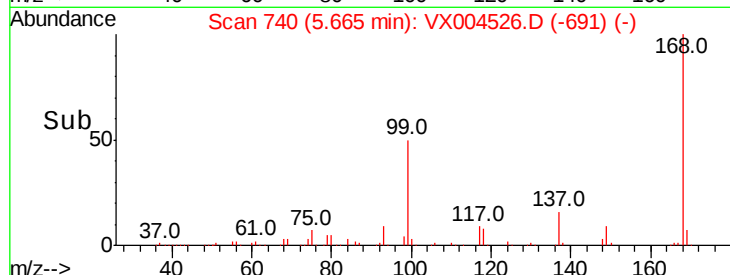
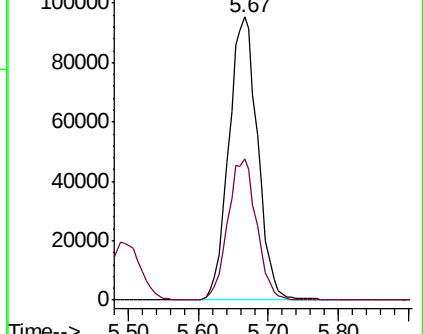
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.005 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004526.D

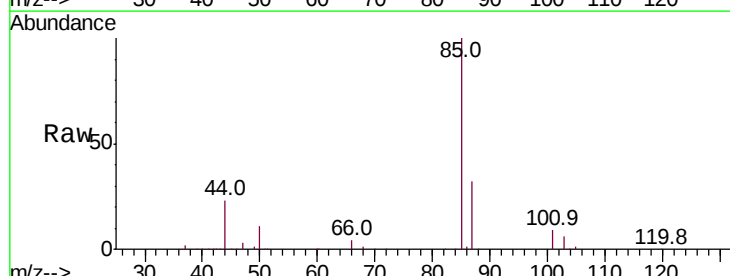
Acq: 13 Sep 2018 19:41

Tgt Ion: 85 Resp: 51340

Ion Ratio Lower Upper

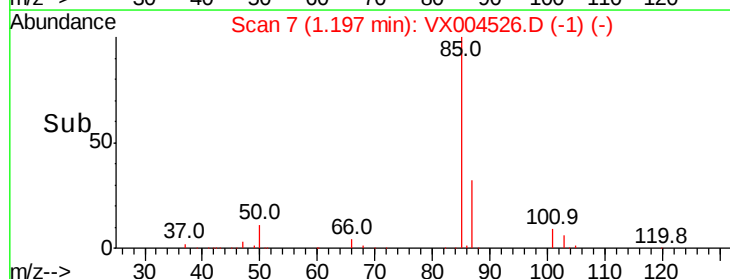
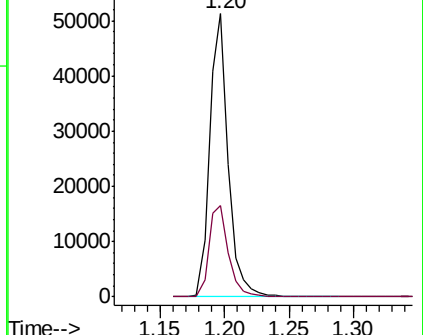
85 100

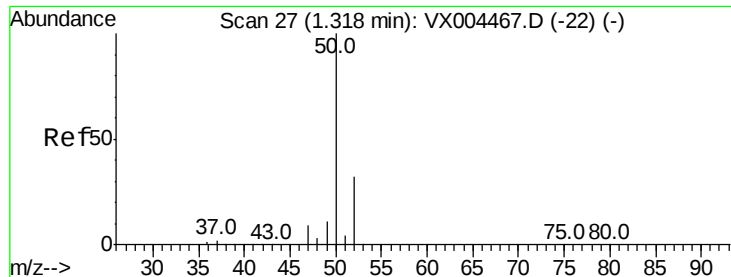
87 32.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.189 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 50 Resp: 67774

Ion Ratio Lower Upper

50 100

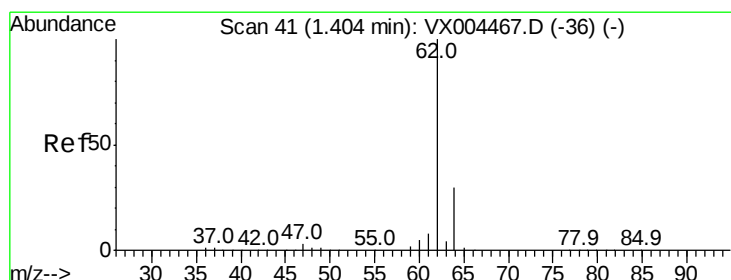
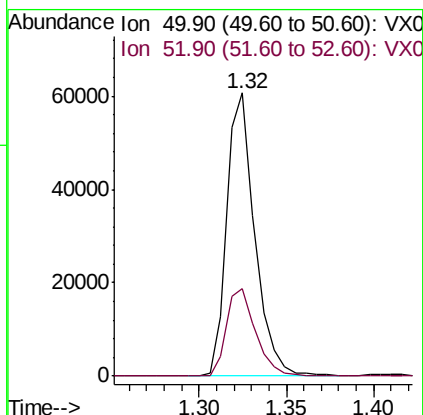
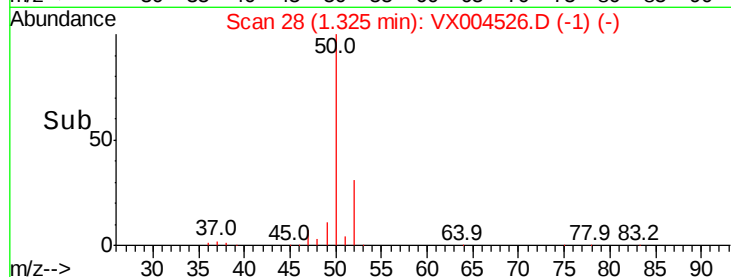
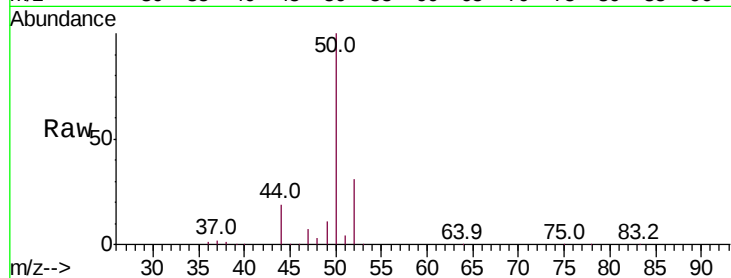
52 31.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.394 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004526.D

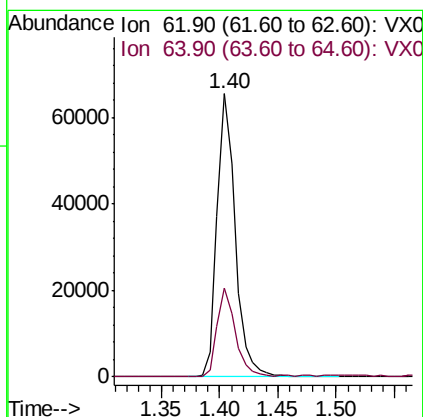
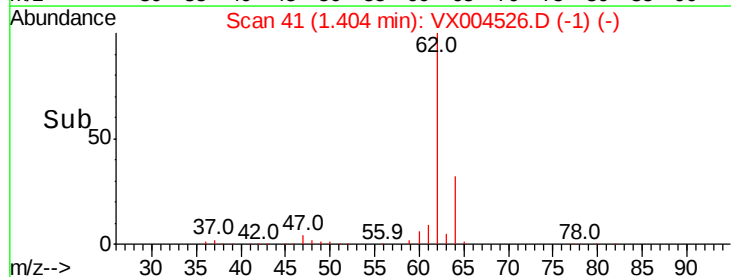
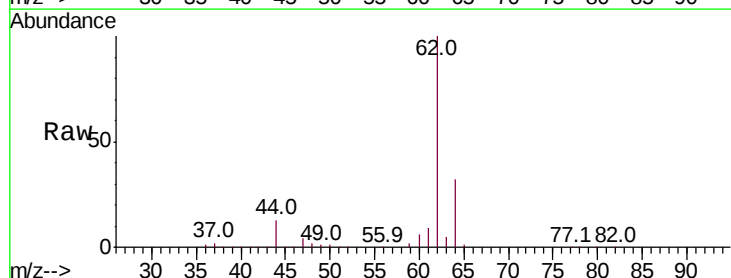
Acq: 13 Sep 2018 19:41

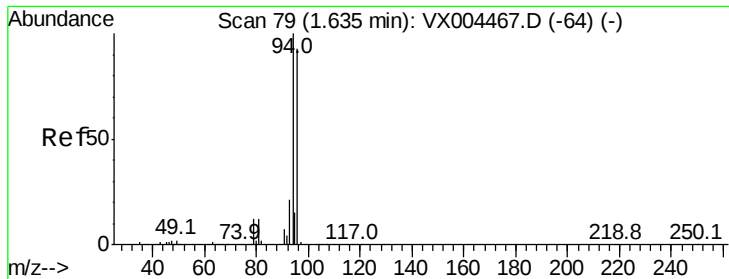
Tgt Ion: 62 Resp: 70300

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 22.806 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 94 Resp: 35591

Ion Ratio Lower Upper

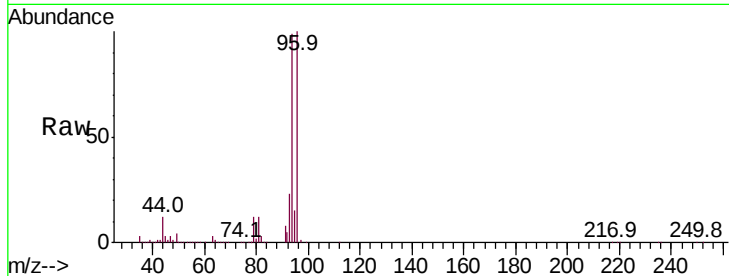
94 100

96 100.3 74.5 111.7

Manual Integrations
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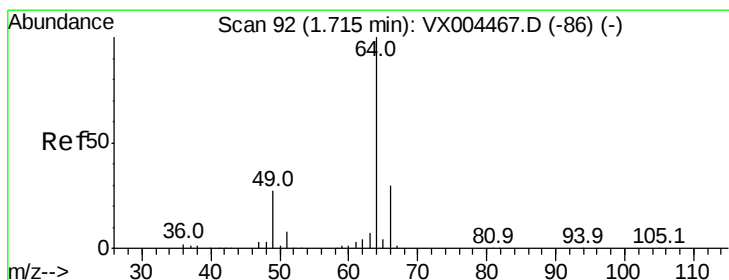
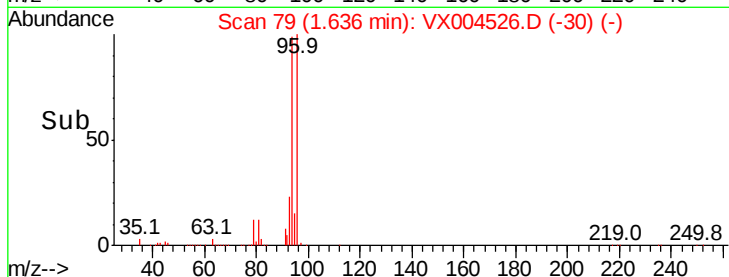
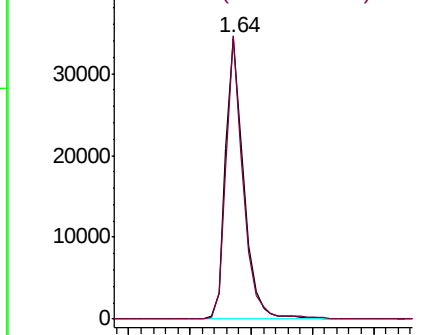
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.983 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004526.D

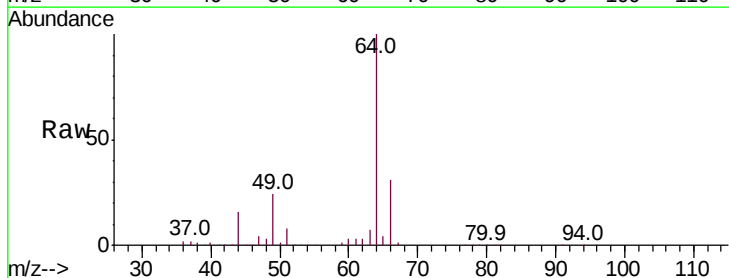
Acq: 13 Sep 2018 19:41

Tgt Ion: 64 Resp: 44500

Ion Ratio Lower Upper

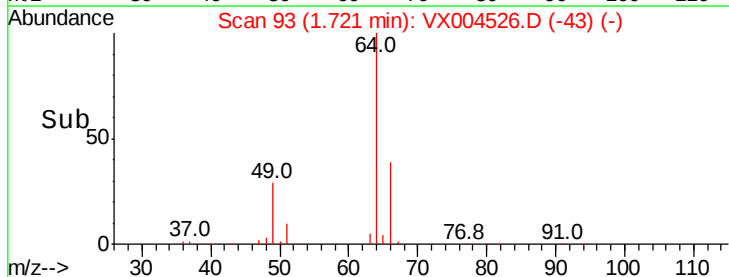
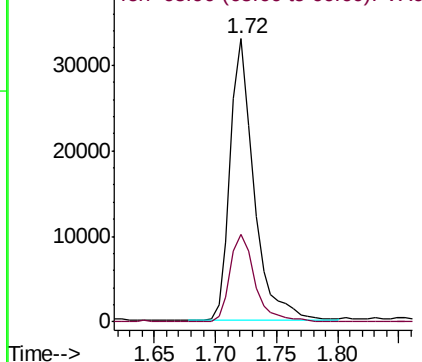
64 100

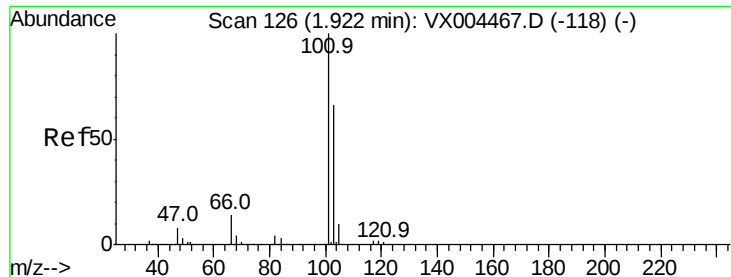
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

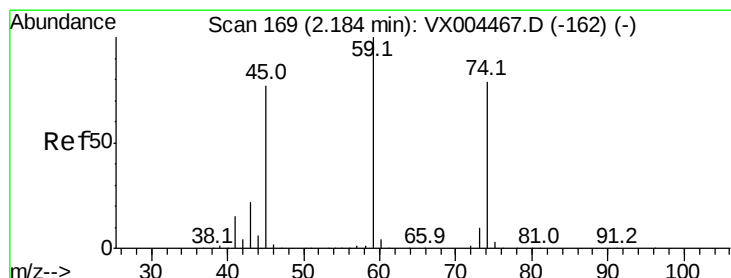
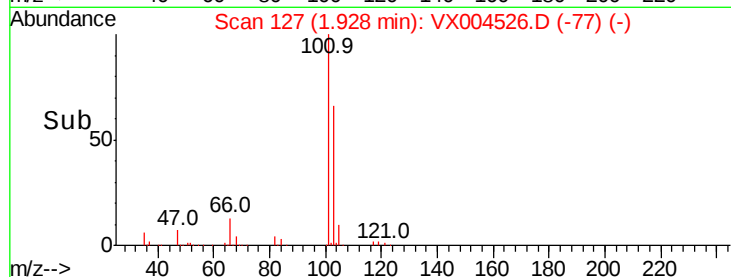
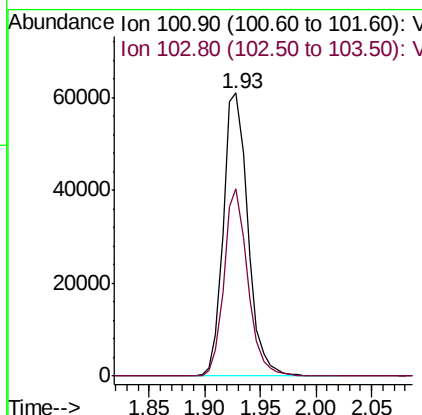
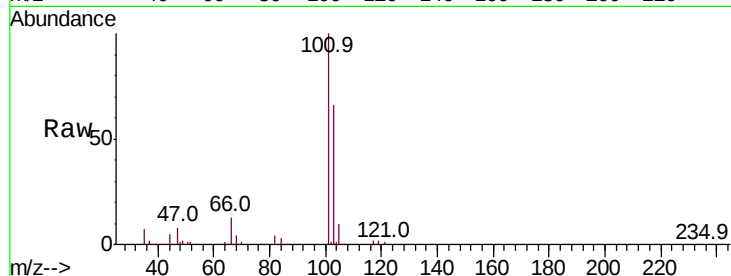
Trichlorofluoromethane
Concen: 19.474 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	48.9	73.3

Manual Integrations
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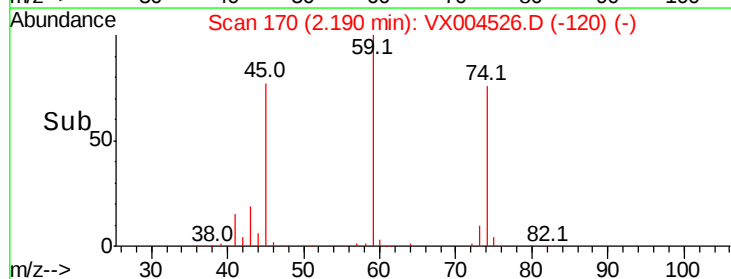
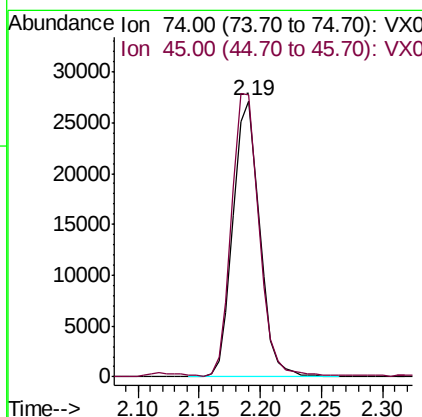
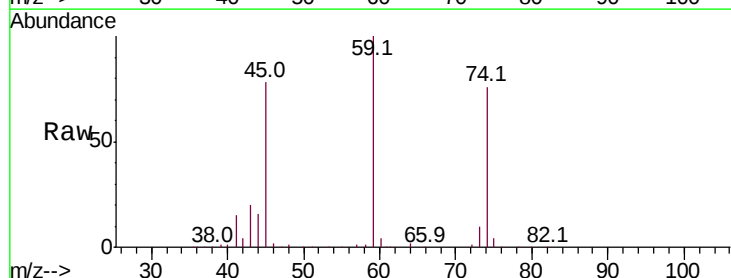
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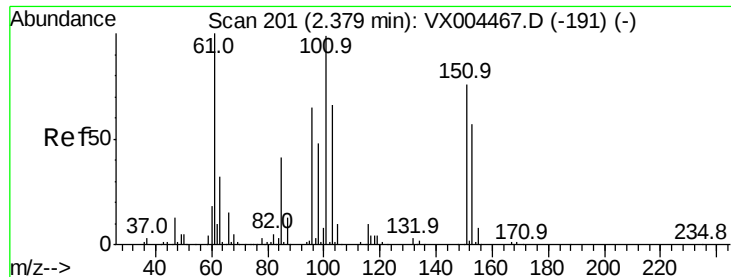


#8

Diethyl Ether
Concen: 18.969 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.431 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

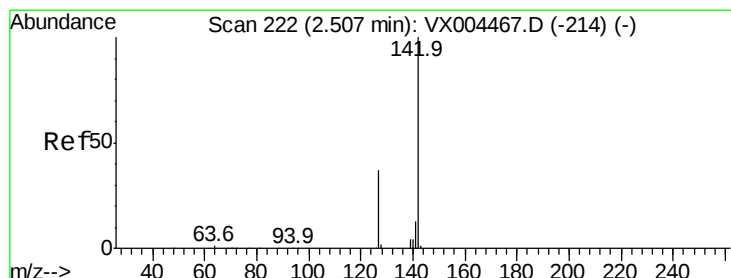
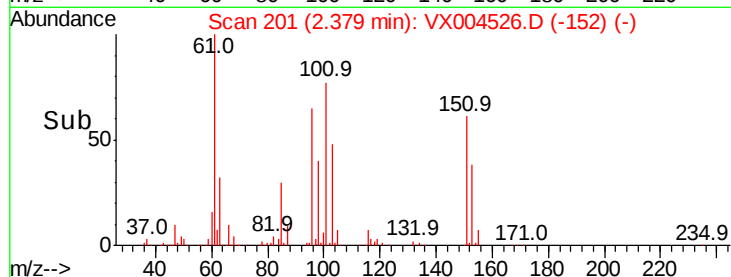
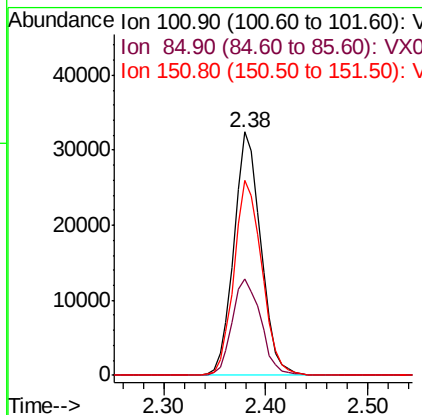
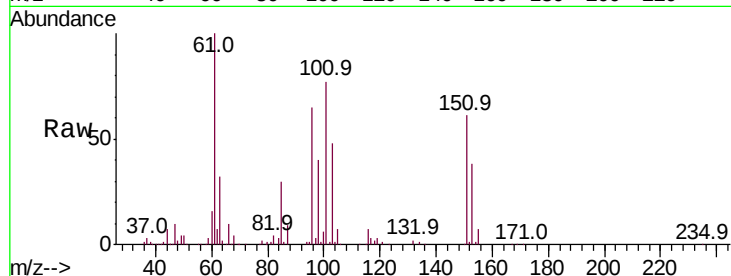
ClientSampleId :

VX0913WBSD01

Tot Ion:	101	Resp:	59236
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	83.0	65.0	97.6

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#10

Methyl Iodide

Concen: 19.304 ug/l

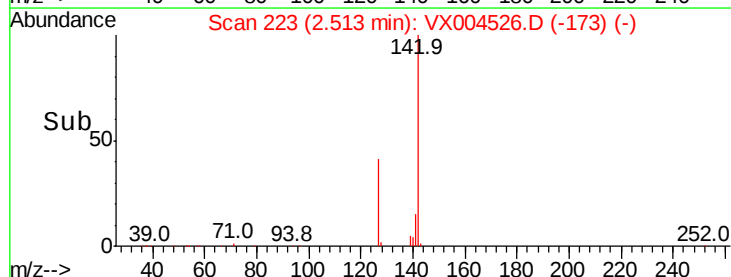
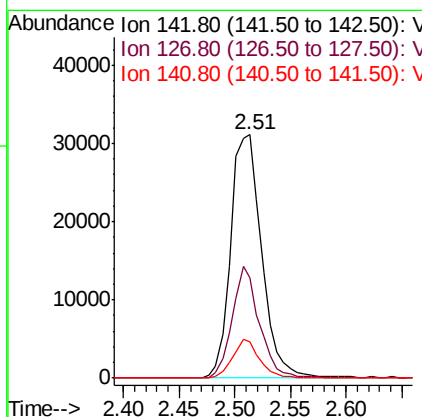
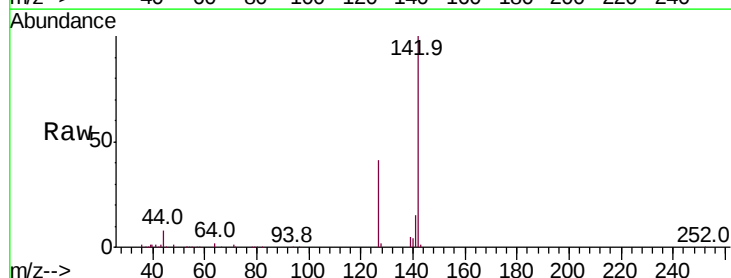
RT: 2.51 min Scan# 223

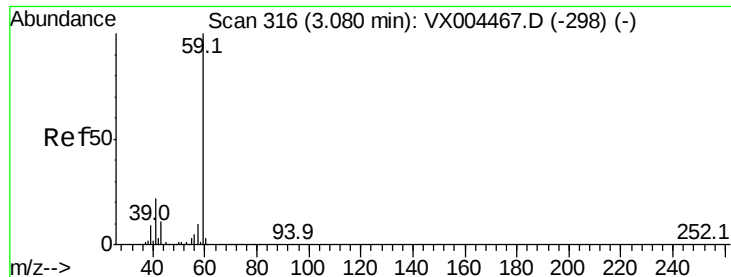
Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion:	142	Resp:	59937
Ion Ratio	Lower	Upper	
142	100		
127	40.4	33.8	50.6
141	14.0	11.4	17.0





#11

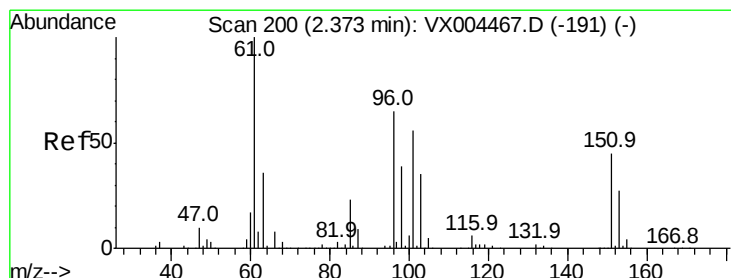
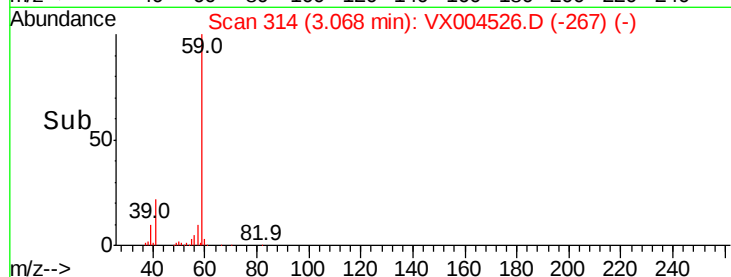
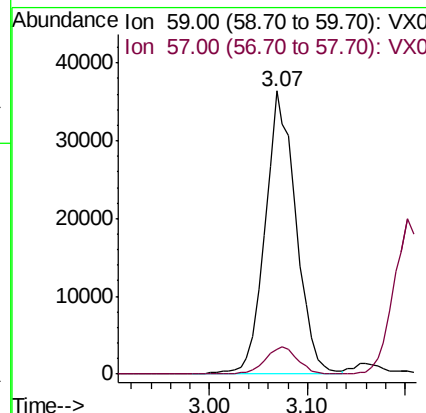
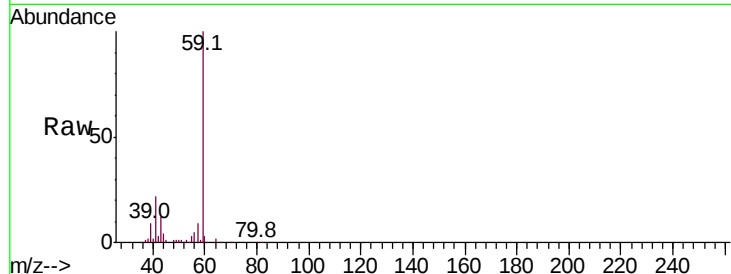
Tert butyl alcohol
Concen: 94.543 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

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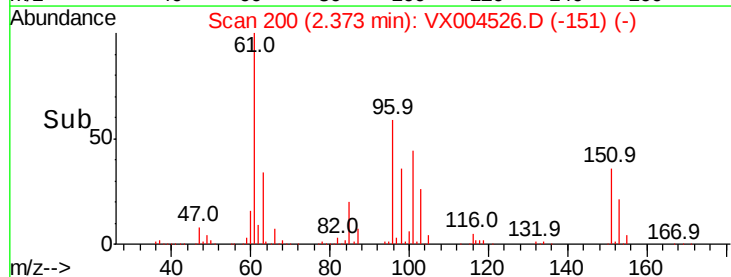
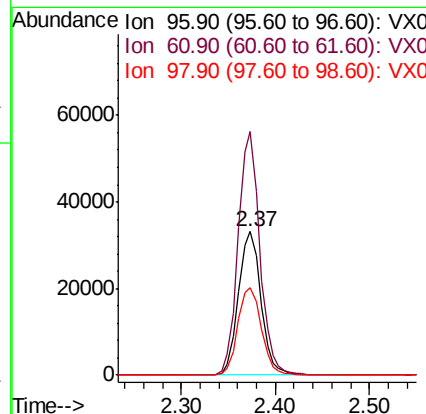
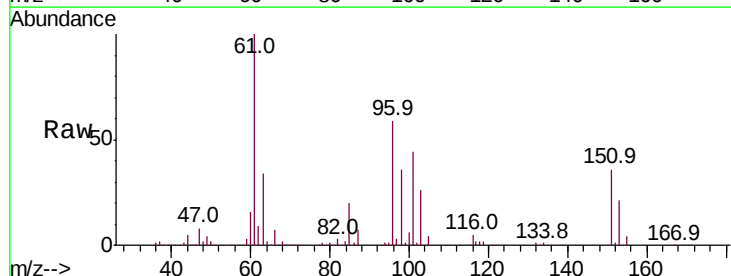
MMDadoda
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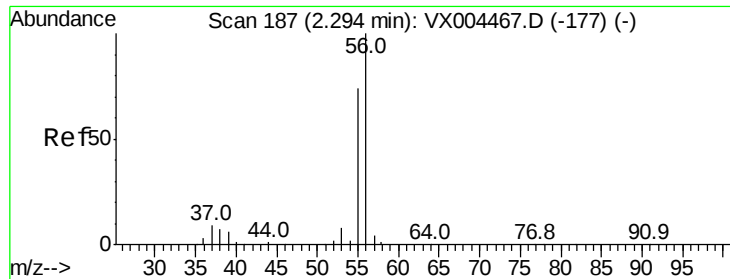


#12

1,1-Dichloroethene
Concen: 19.290 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	128.8	193.2
98	60.9	52.2	78.2





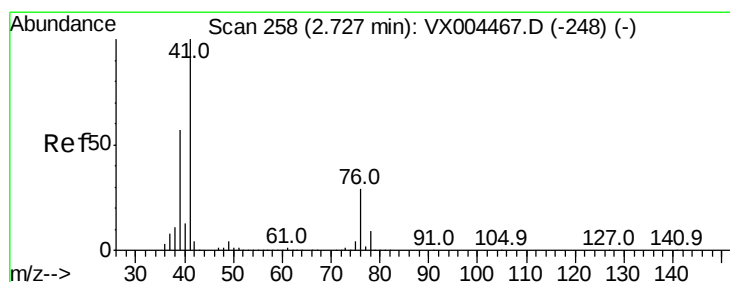
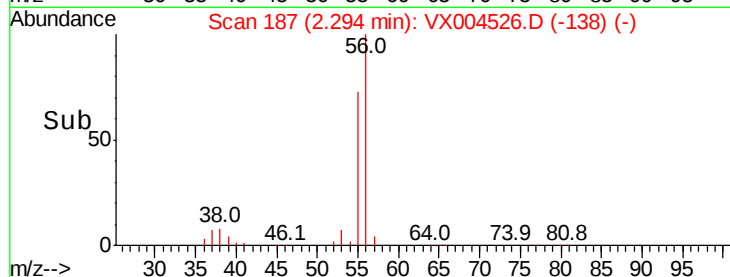
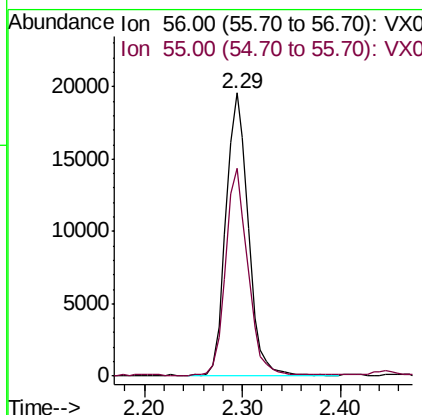
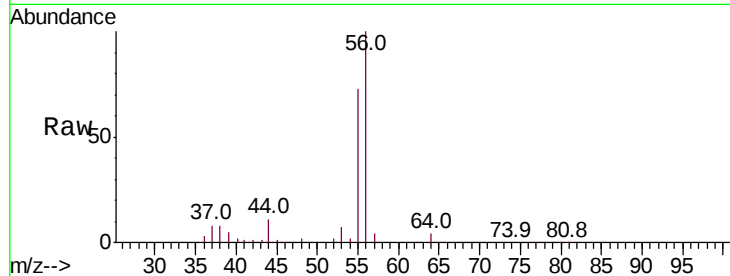
#13
Acrolein
Concen: 94.120 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.9	54.7	82.1

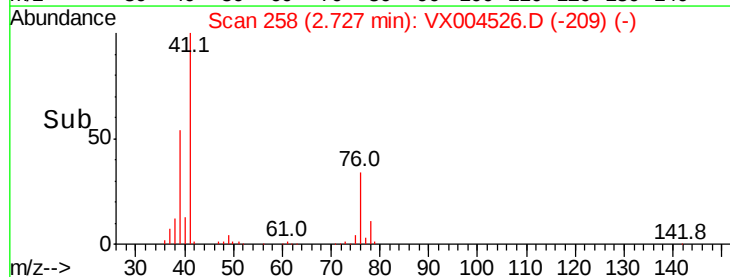
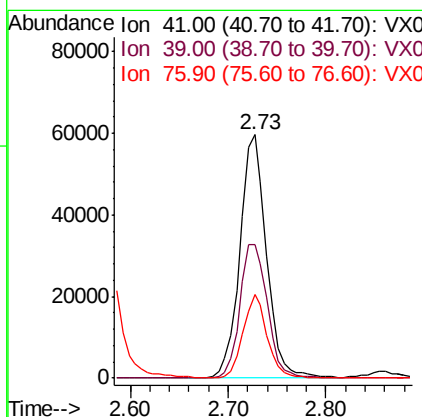
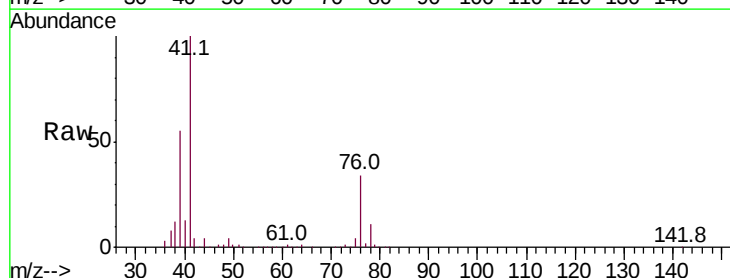
Manual Integrations
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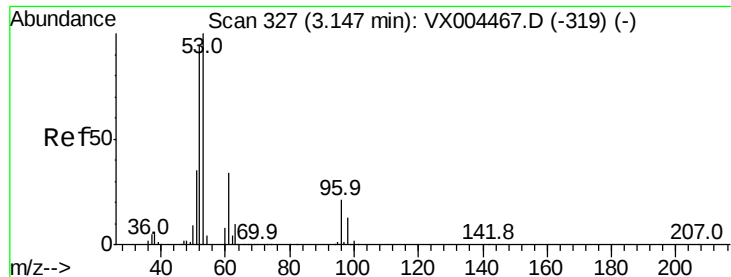
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#14
Allyl chloride
Concen: 19.083 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.6	48.9	73.3
76	31.3	26.7	40.1





#15

Acrylonitrile

Concen: 95.600 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

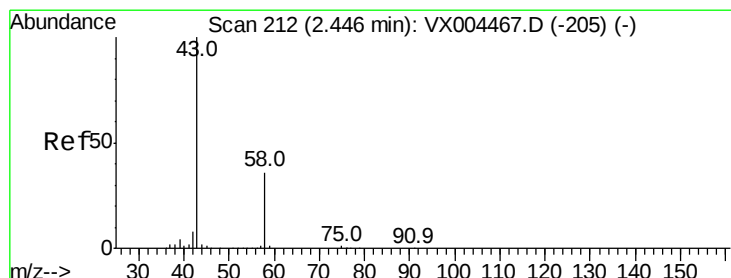
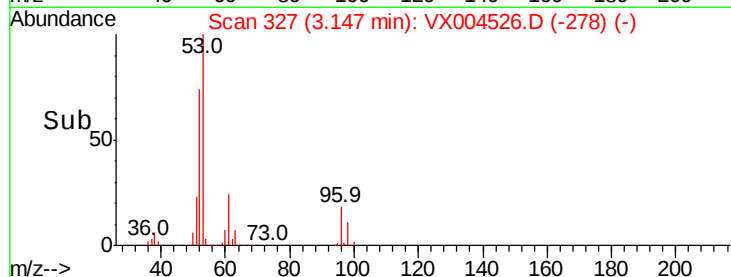
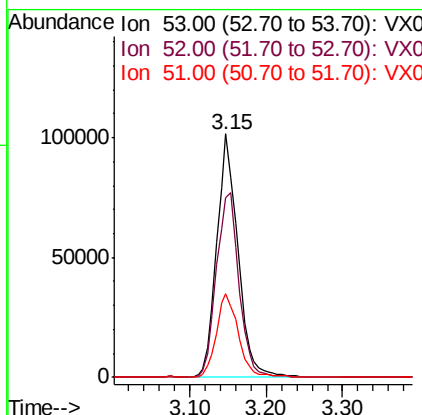
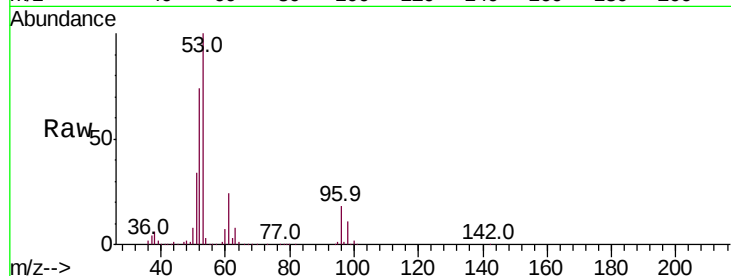
ClientSampleId :

VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.2	97.8
51	35.7	28.2	42.2

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#16

Acetone

Concen: 88.873 ug/l

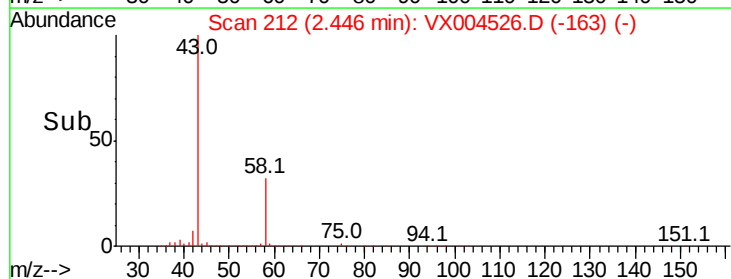
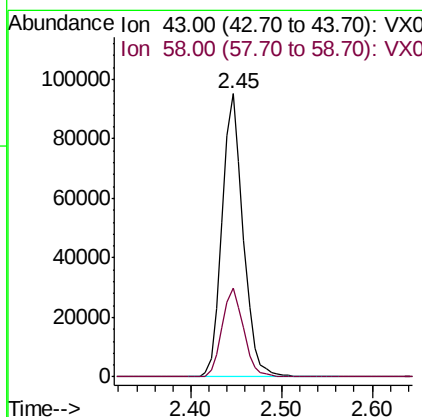
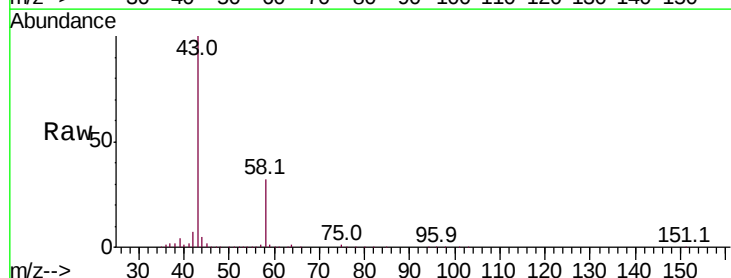
RT: 2.45 min Scan# 212

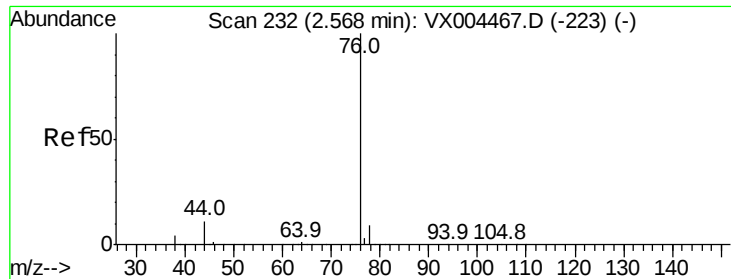
Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.2	39.4





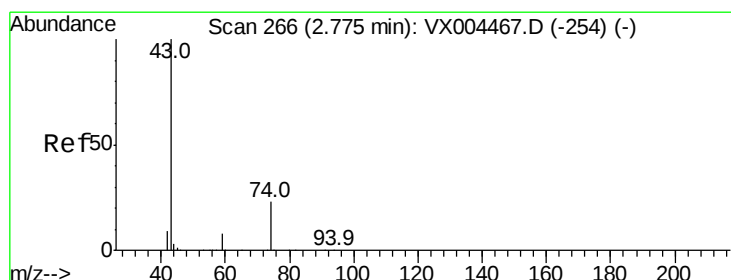
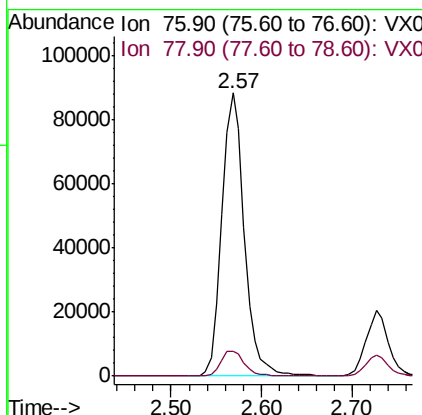
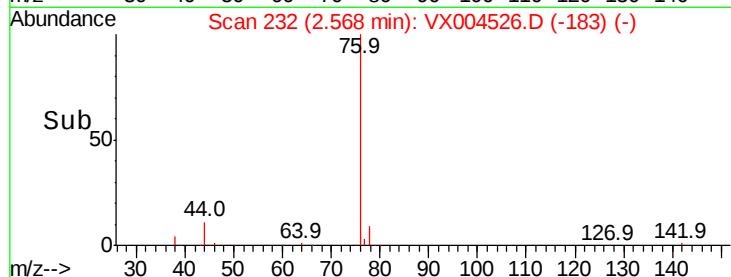
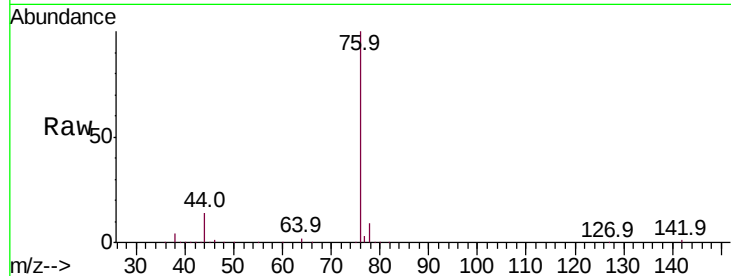
#17
Carbon Disulfide
Concen: 18.539 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion: 76 Resp: 153323
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

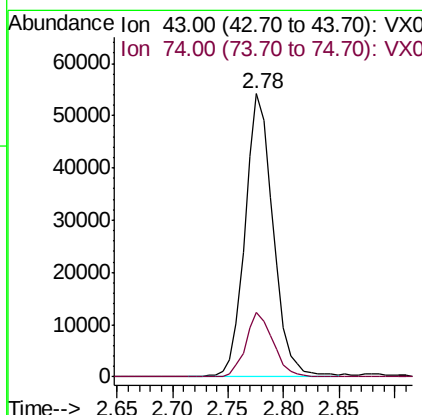
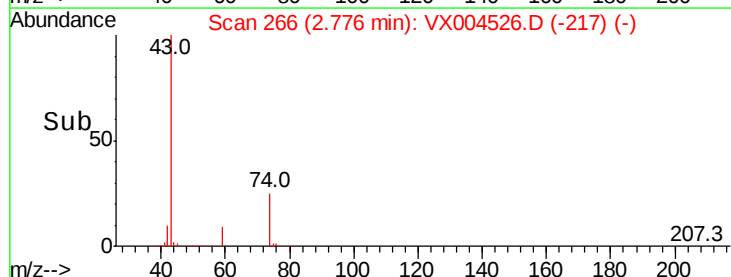
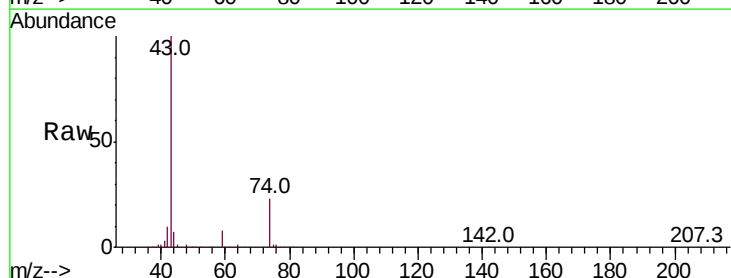
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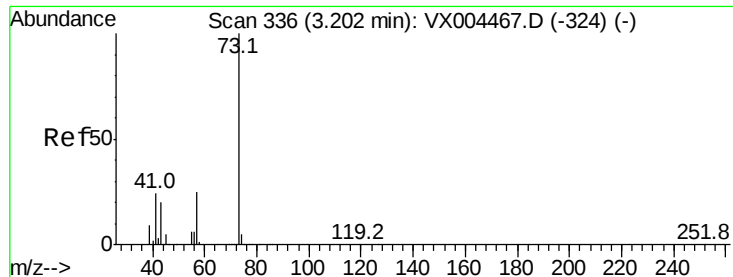
MMDadoda
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#18
Methyl Acetate
Concen: 19.409 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 43 Resp: 93840
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.295 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX004526.D

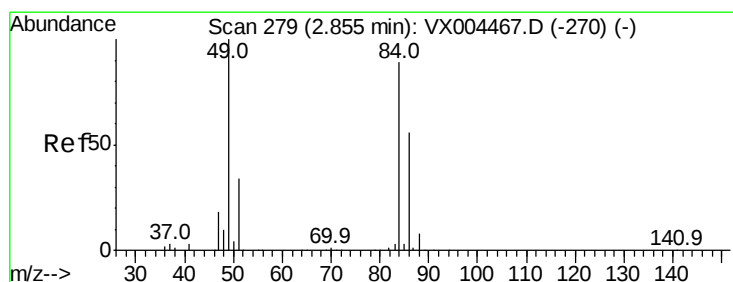
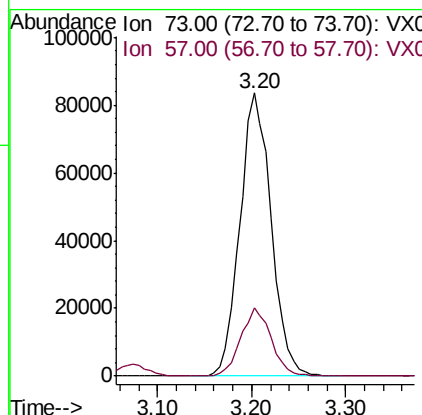
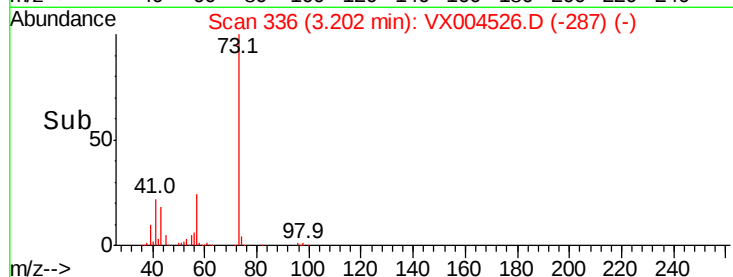
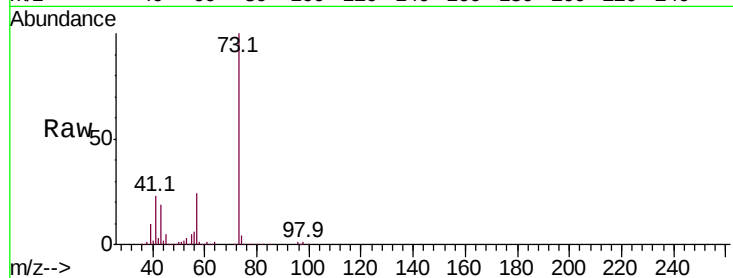
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.1	25.7

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#20

Methylene Chloride

Concen: 18.956 ug/l

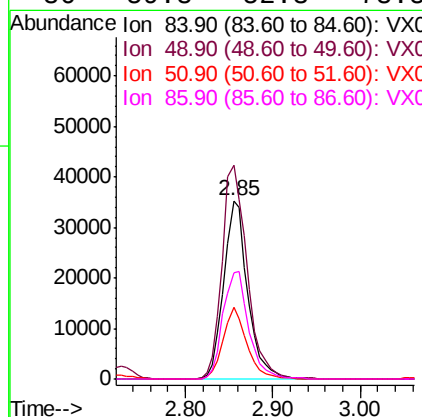
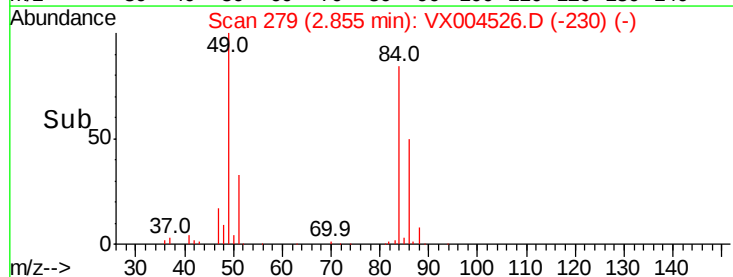
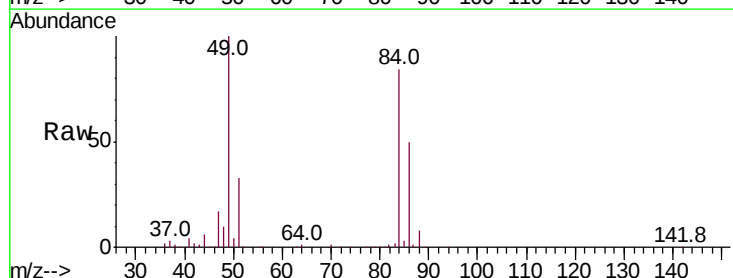
RT: 2.85 min Scan# 279

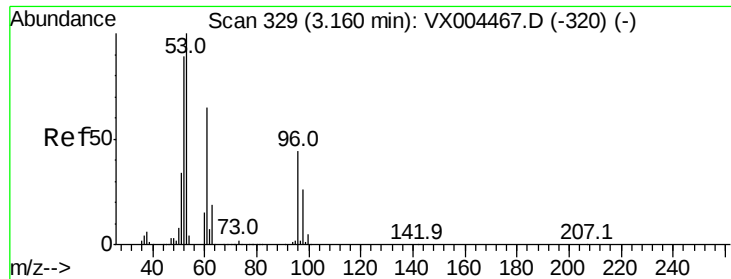
Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	101.2	151.8
51	39.7	29.5	44.3
86	59.8	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.255 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 96 Resp: 60878

Ion Ratio Lower Upper

96 100

61 141.8 113.8 170.6

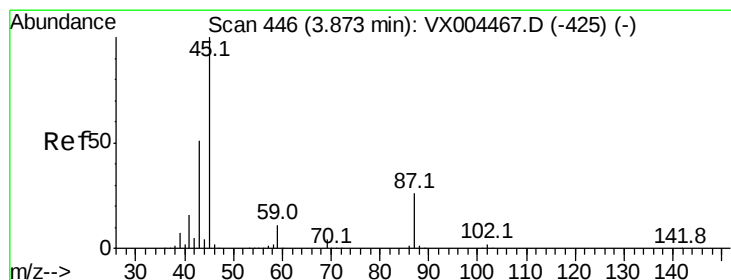
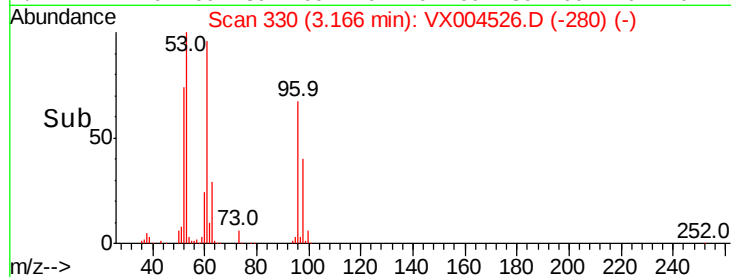
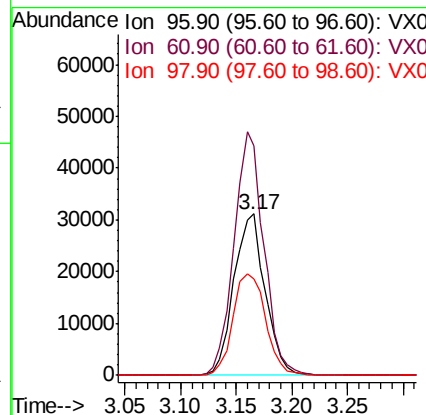
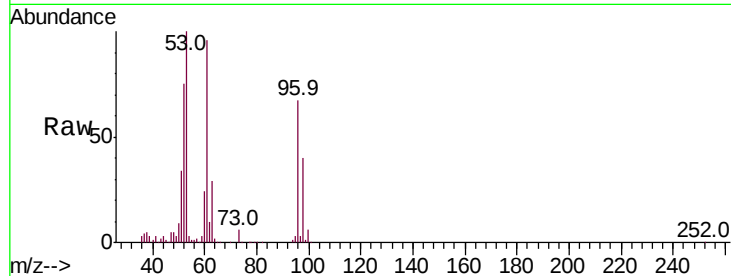
98 60.0 51.8 77.8

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#22

Diisopropyl ether

Concen: 19.170 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion: 45 Resp: 203088

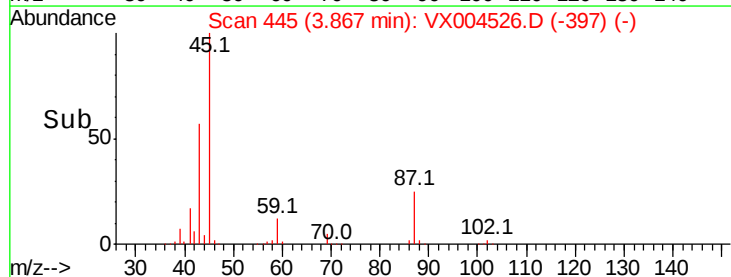
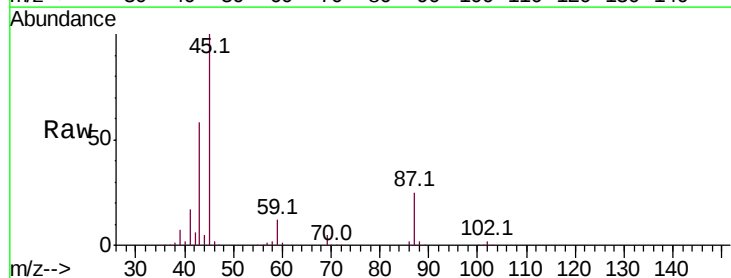
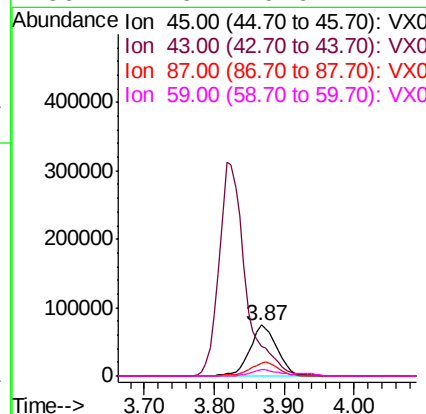
Ion Ratio Lower Upper

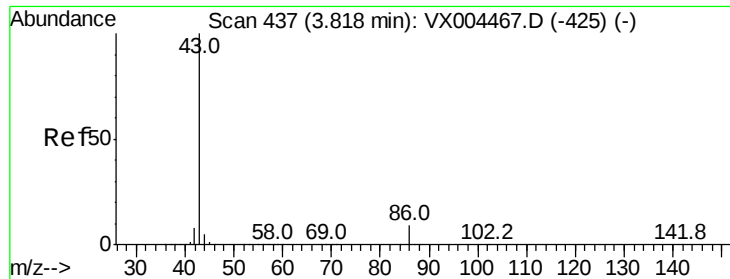
45 100

43 57.1 42.8 64.2

87 25.5 22.6 34.0

59 11.6 9.6 14.4





#23

Vinyl Acetate

Concen: 96.364 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

VX0913WBSD01

Tot Ion: 43 Resp: 826159

Ion Ratio Lower Upper

43 100

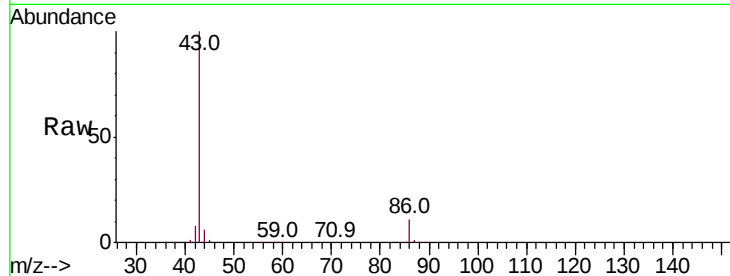
86 10.8 8.9 13.3

Manual Integrations

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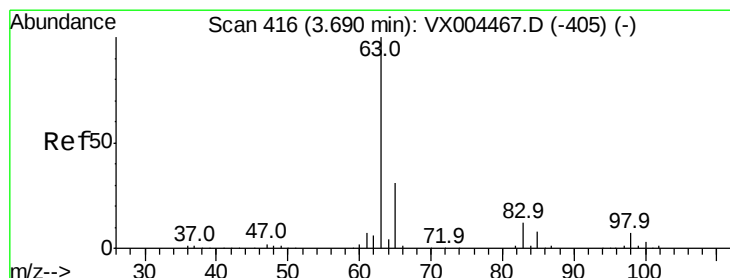
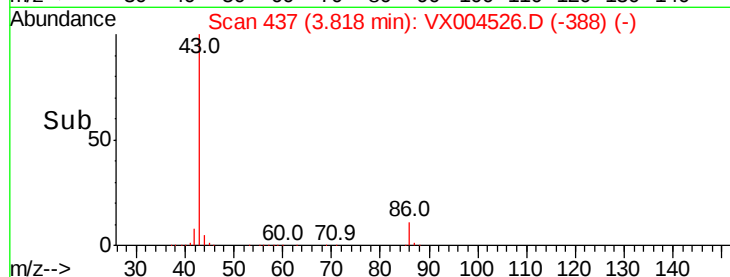
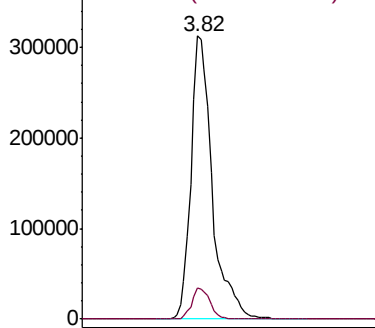
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.416 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

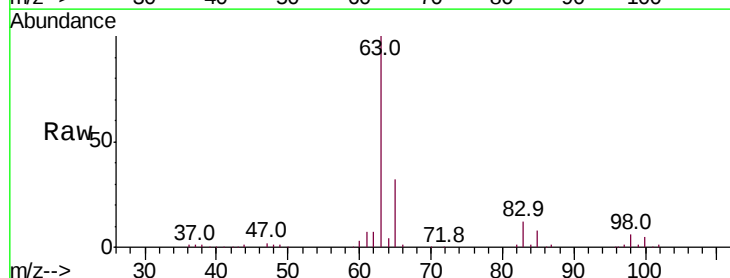
Tgt Ion: 63 Resp: 116131

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.4

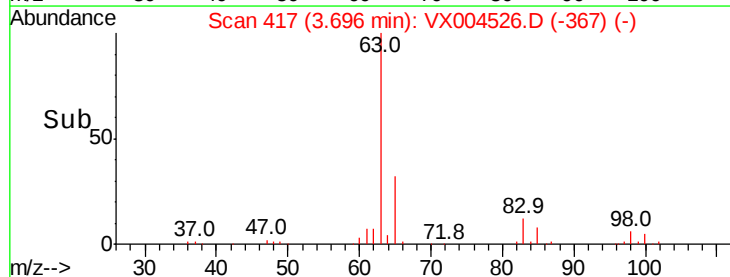
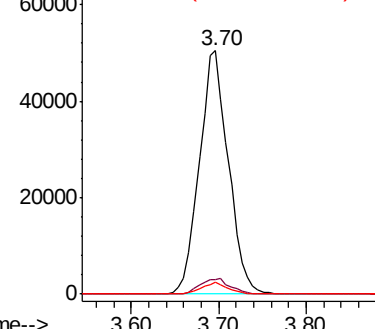
100 4.7 2.4 7.1

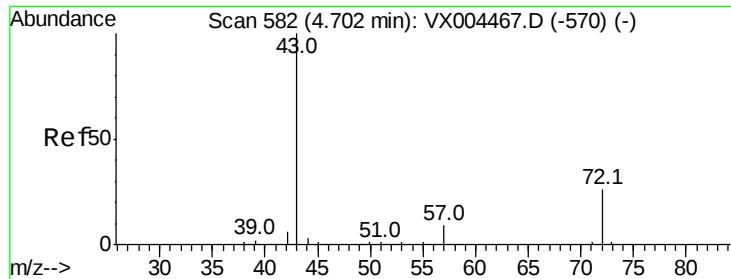


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 87.412 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 43 Resp: 239738

Ion Ratio Lower Upper

43 100

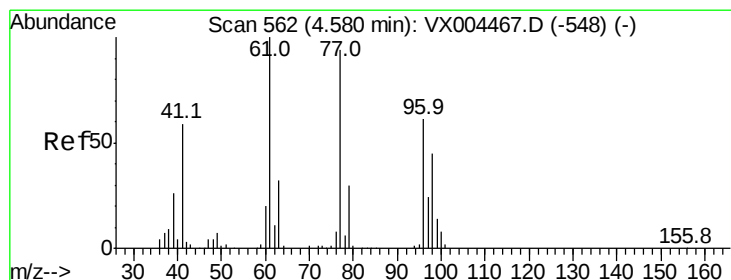
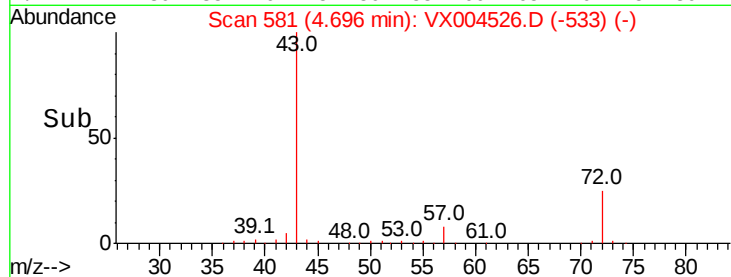
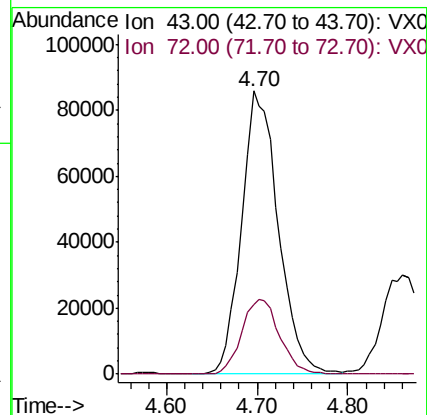
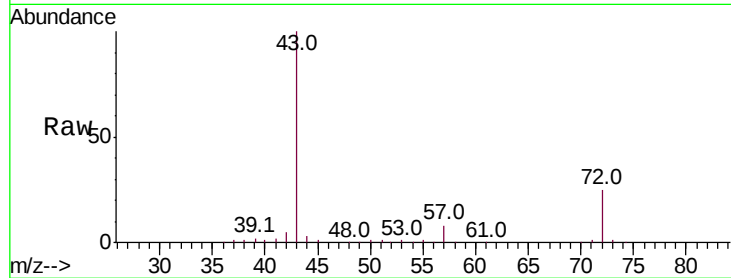
72 24.6 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.562 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004526.D

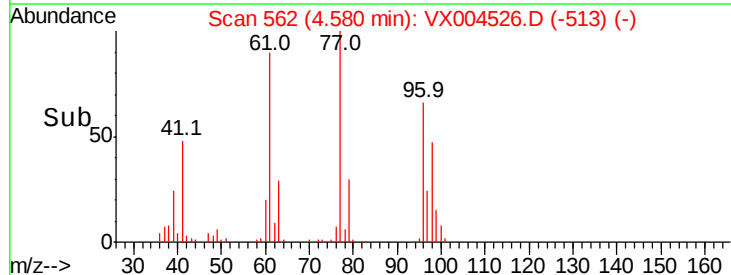
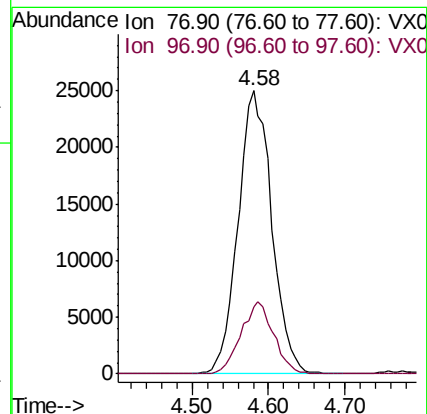
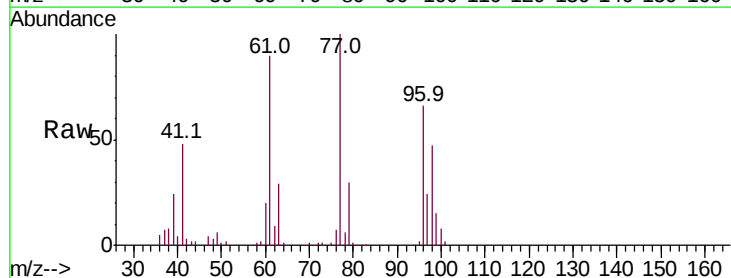
Acq: 13 Sep 2018 19:41

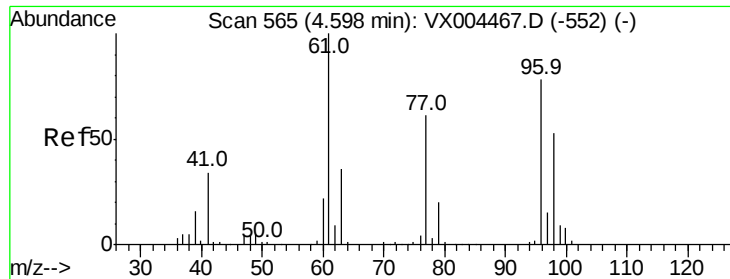
Tgt Ion: 77 Resp: 76256

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.0





#27

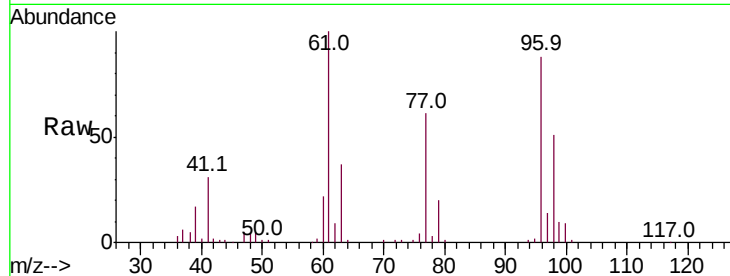
cis-1,2-Dichloroethene
Concen: 19.740 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	282.6
98	64.9	0.0	130.2

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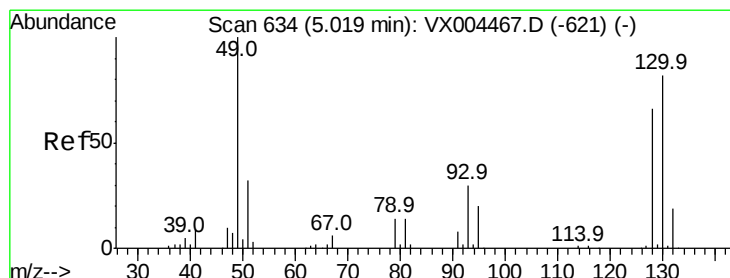
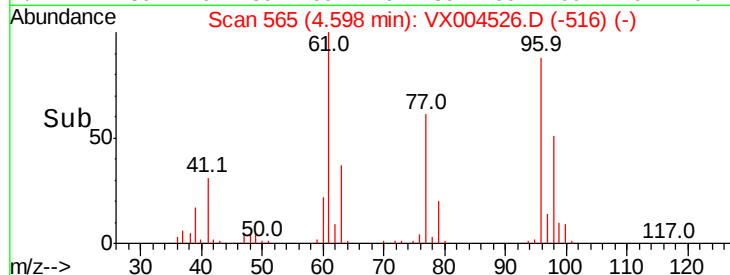
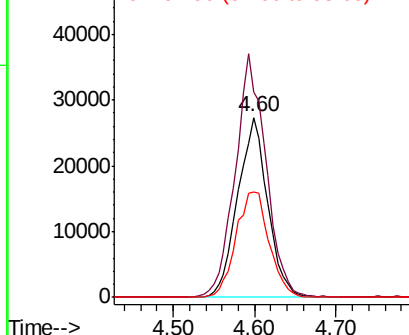


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

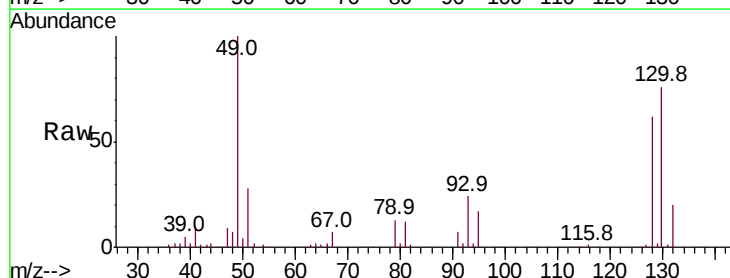
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 21.773 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	79.4	67.5	101.3

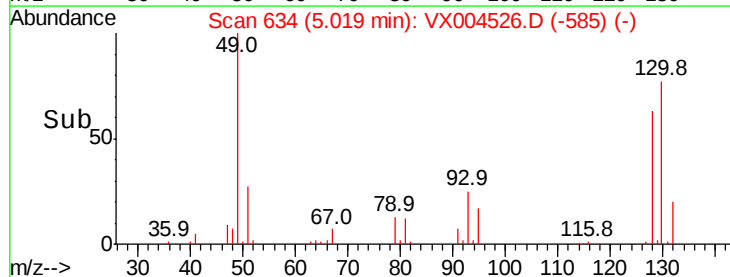
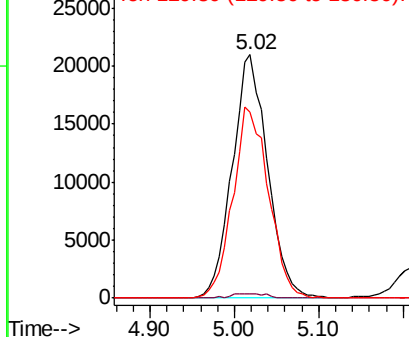


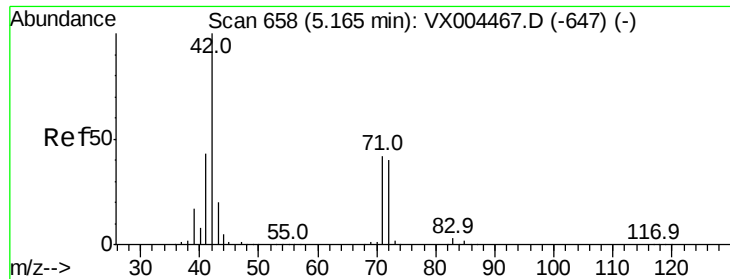
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





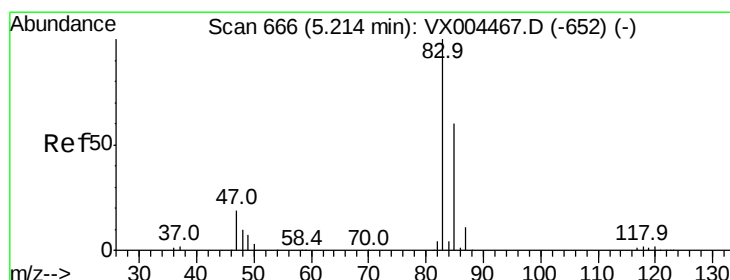
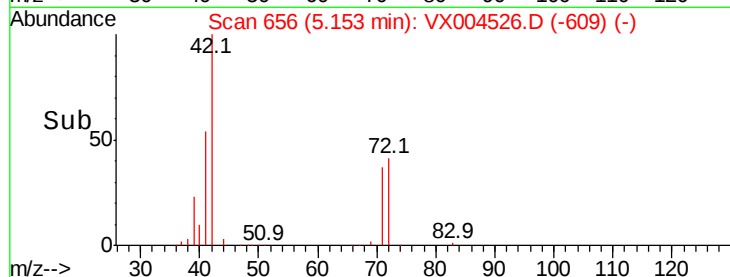
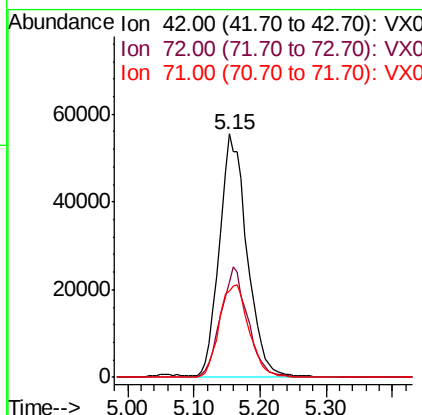
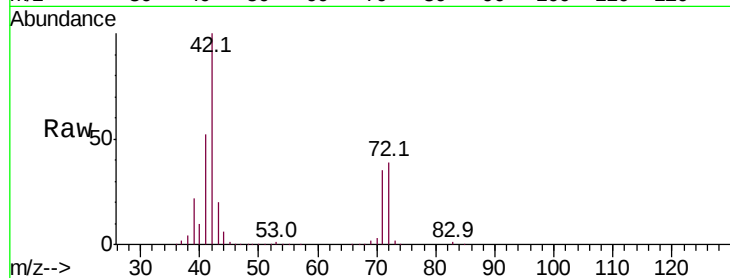
#29
Tetrahydrofuran
Concen: 97.233 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	37.4	56.0
71	40.9	34.5	51.7

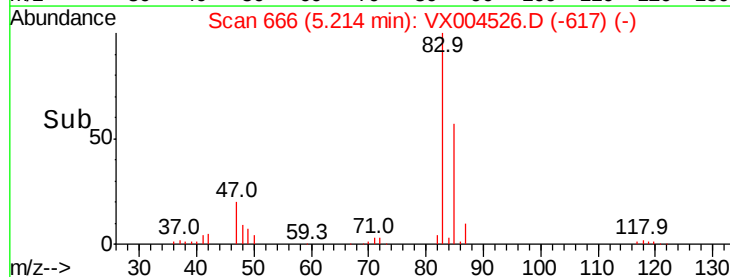
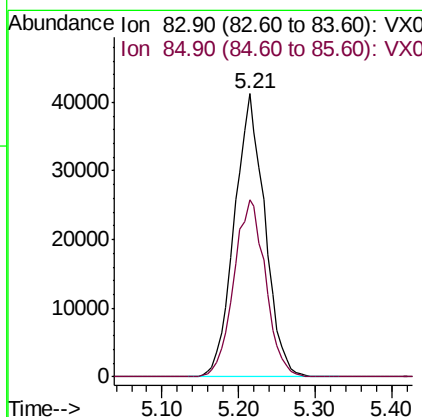
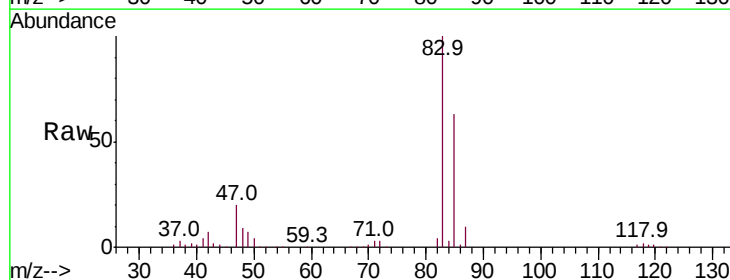
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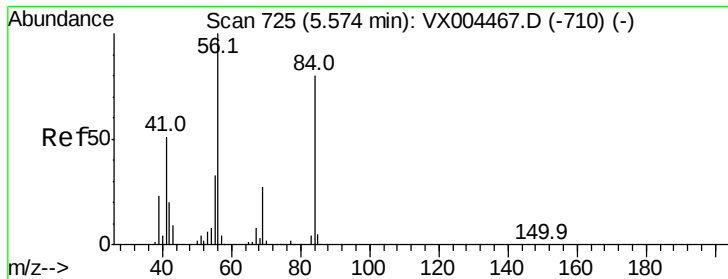
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#30
Chloroform
Concen: 19.495 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.6	79.0





#31

Cyclohexane

Concen: 19.659 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

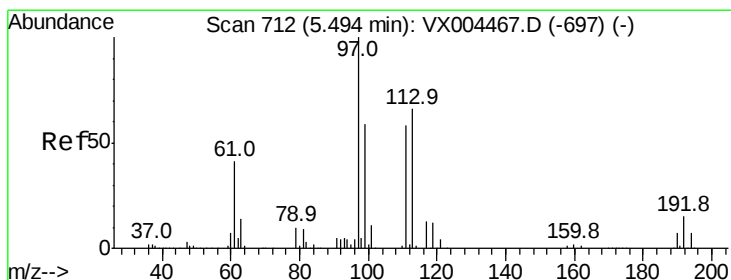
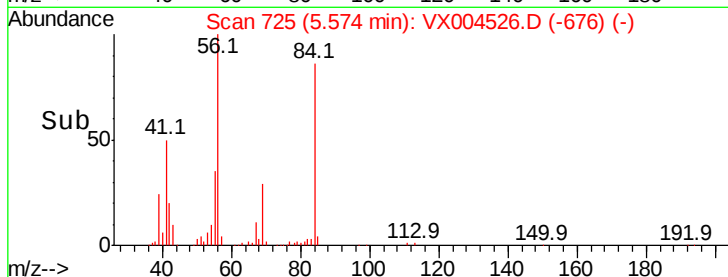
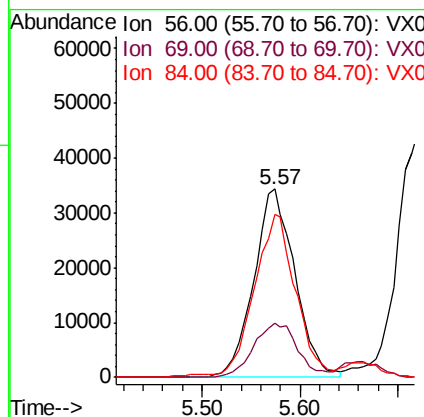
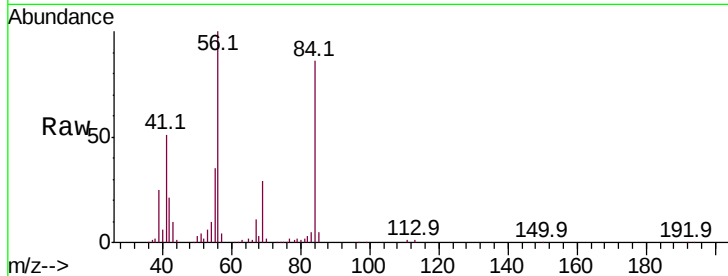
ClientSampleId :

VX0913WBSD01

Tot Ion:	56	Resp:	100405
Ion Ratio	Lower	Upper	
56	100		
69	29.0	25.4	38.2
84	84.9	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 20.136 ug/l

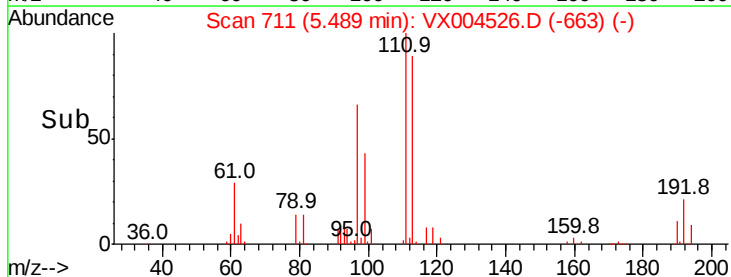
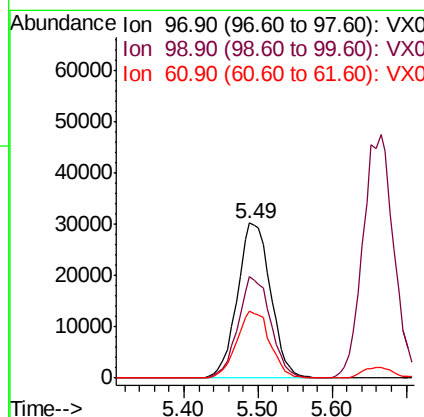
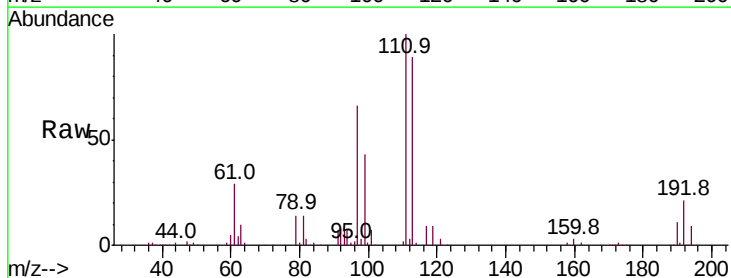
RT: 5.49 min Scan# 711

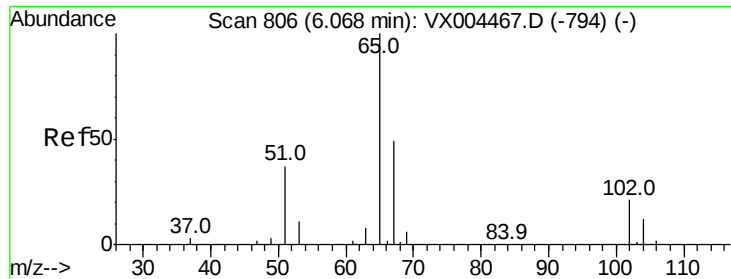
Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion:	97	Resp:	94702
Ion Ratio	Lower	Upper	
97	100		
99	64.1	52.0	78.0
61	43.2	34.9	52.3





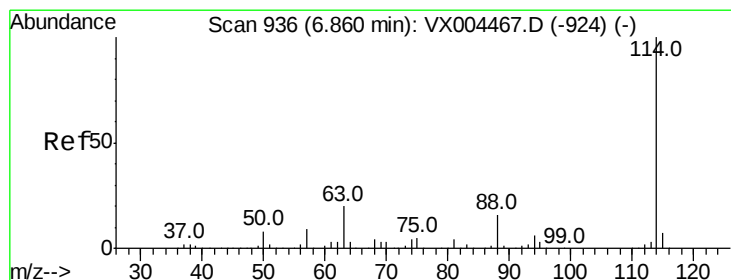
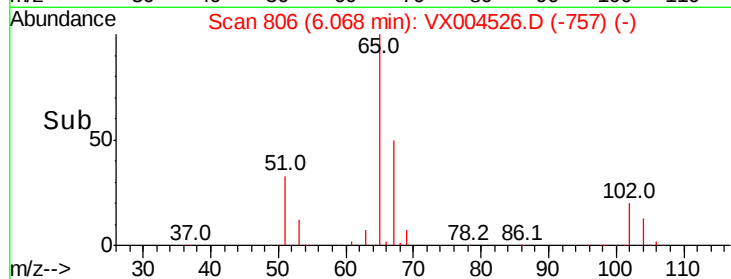
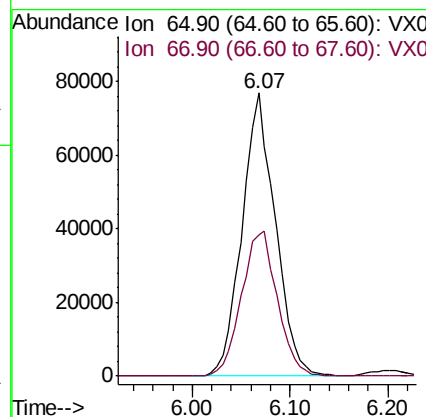
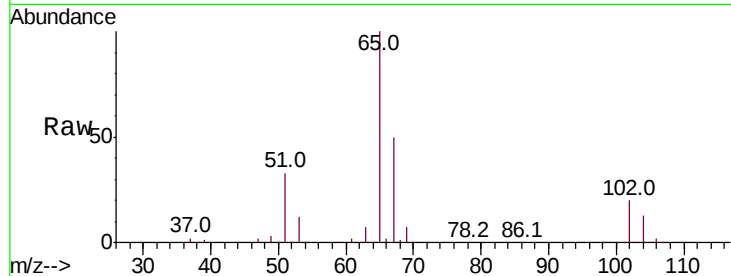
#33
 1,2-Dichloroethane-d4
 Concen: 51.450 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181658		
67	55.1	0.0	106.8	

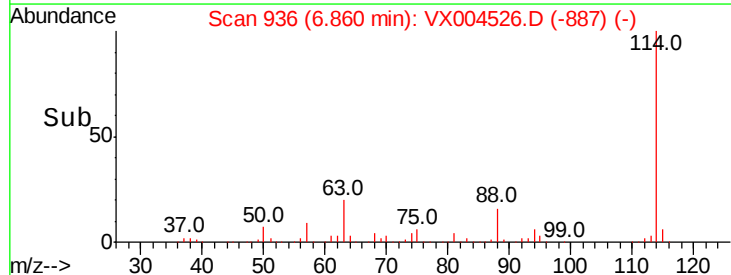
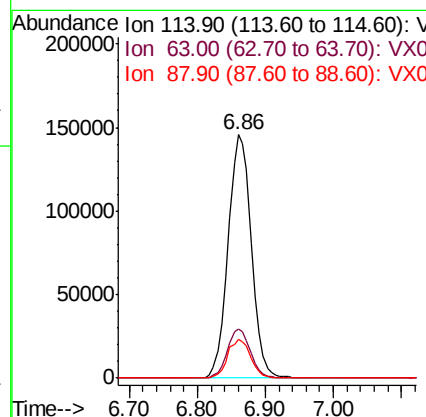
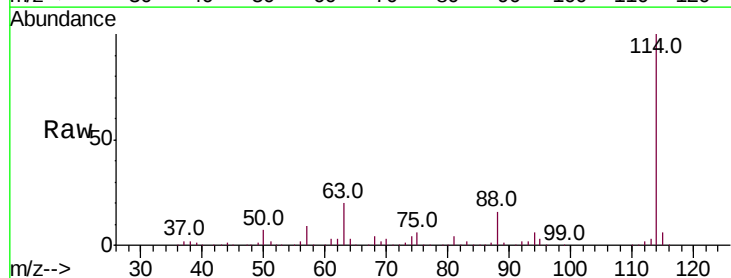
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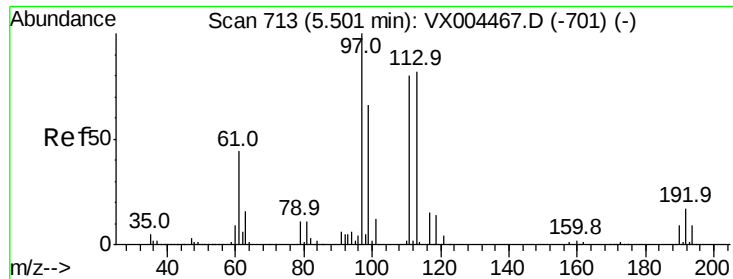
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	344518		
63	20.1	0.0	39.0	
88	16.2	0.0	30.4	





#35

Dibromofluoromethane

Concen: 50.371 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

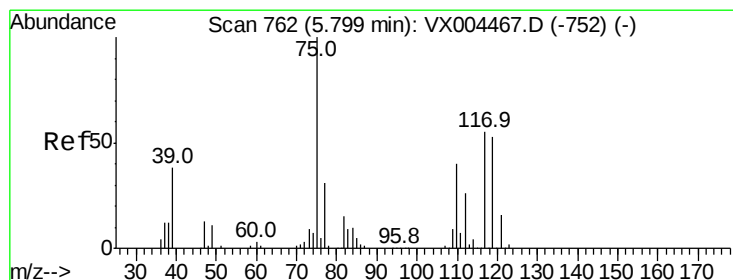
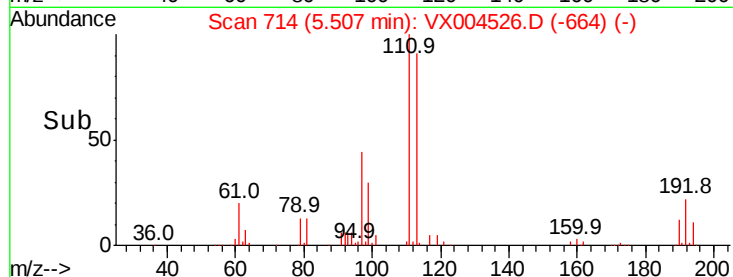
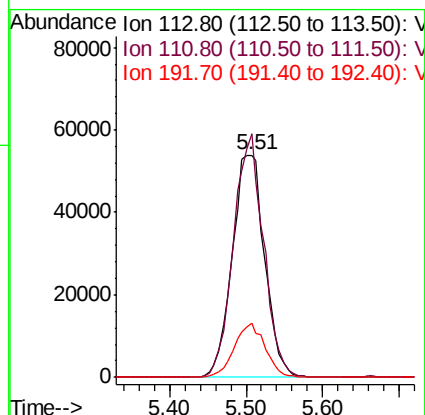
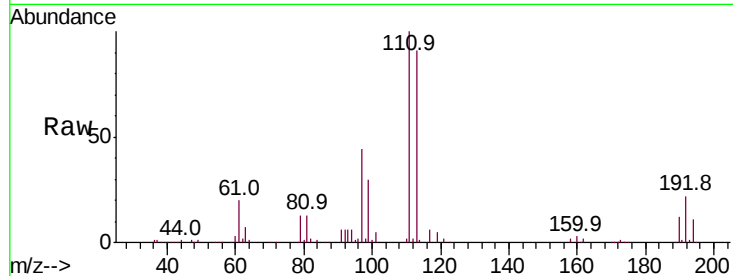
ClientSampleId :

VX0913WBSD01

Tot Ion:	113	Resp:	158804
Ion Ratio	Lower	Upper	
113	100		
111	101.3	82.4	123.6
192	22.9	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 20.253 ug/l

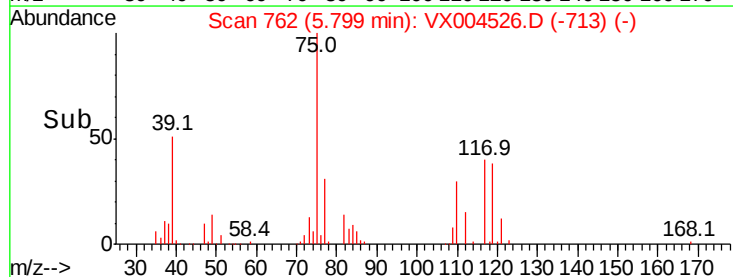
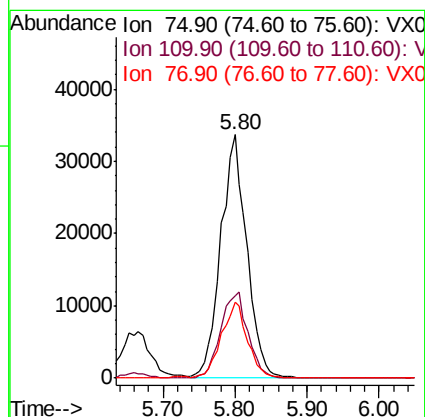
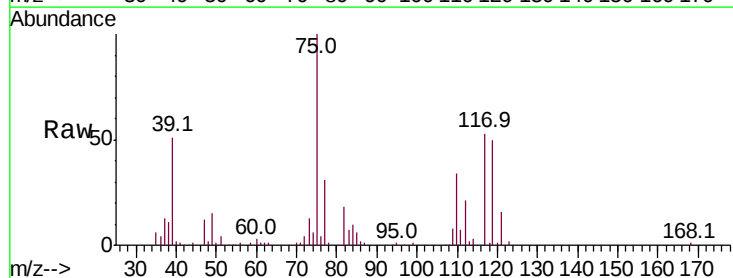
RT: 5.80 min Scan# 762

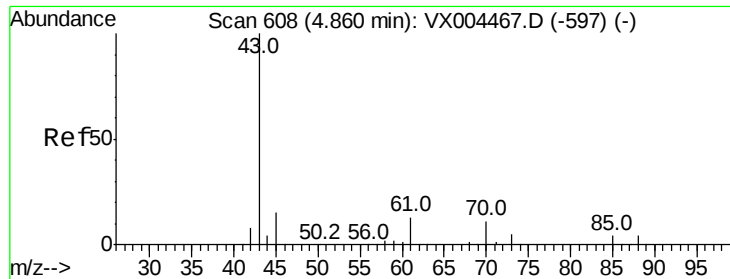
Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion:	75	Resp:	84711
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.0	54.0
77	30.7	24.6	36.8





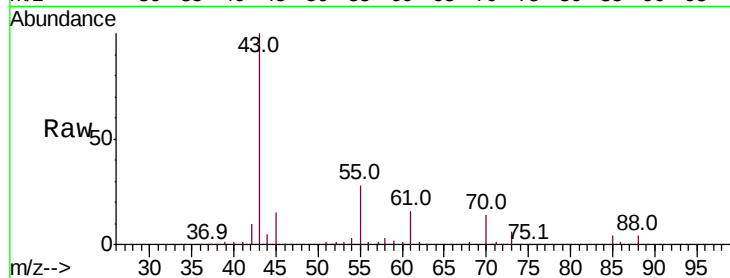
#37
Ethyl Acetate
Concen: 19.370 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.5	17.3
70	11.3	9.0	13.6

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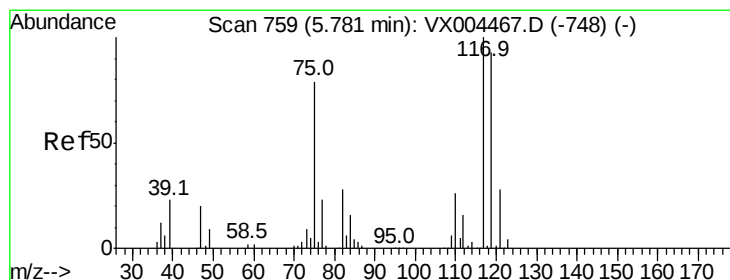
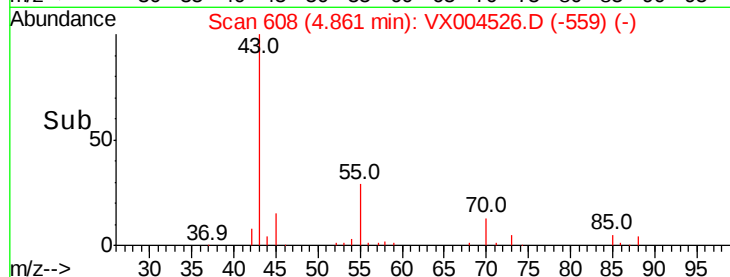
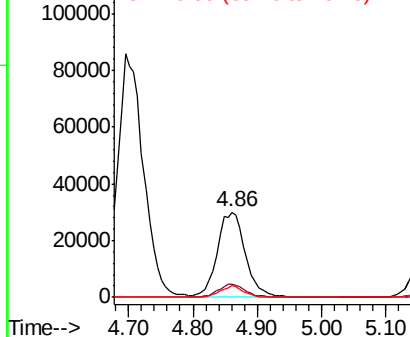


Abundance

Ion 43.00 (42.70 to 43.70): VX0

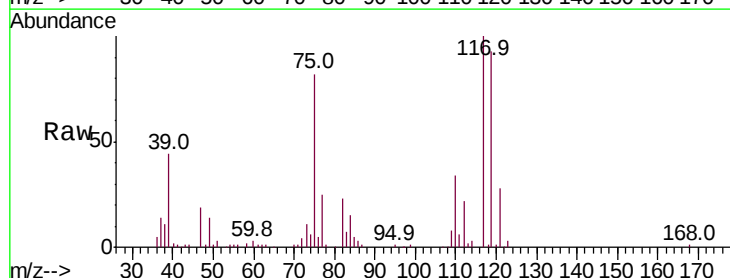
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.732 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	78.8	118.2
121	27.5	24.9	37.3

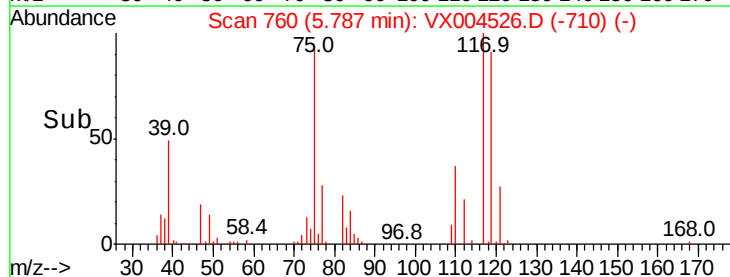
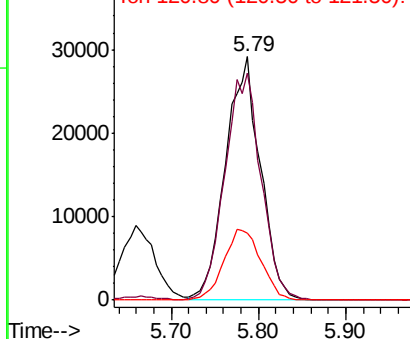


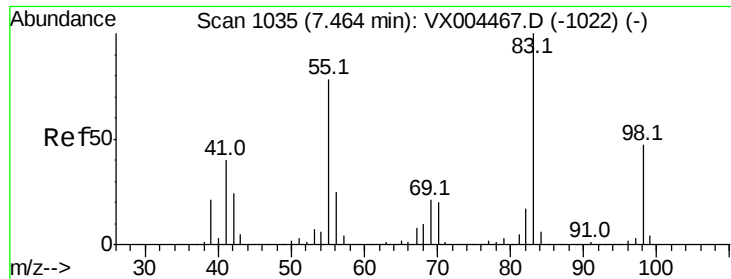
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





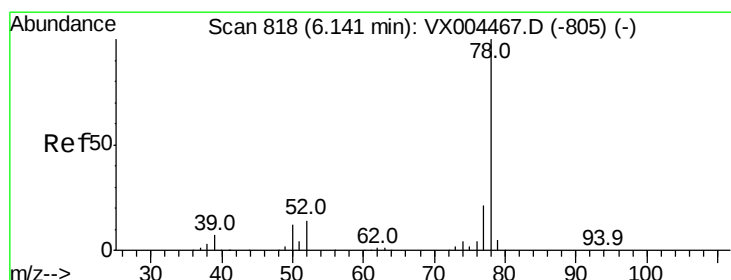
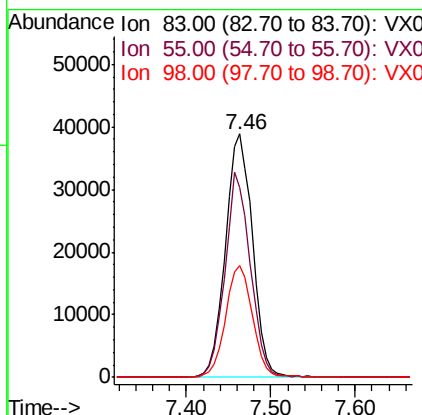
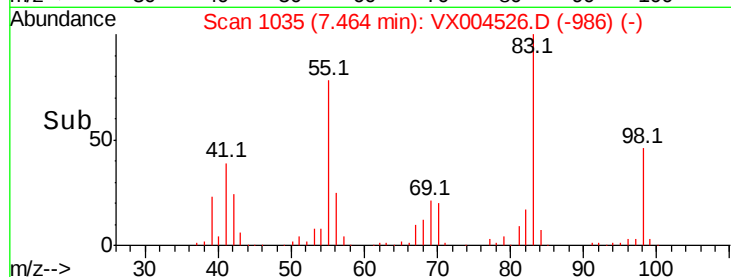
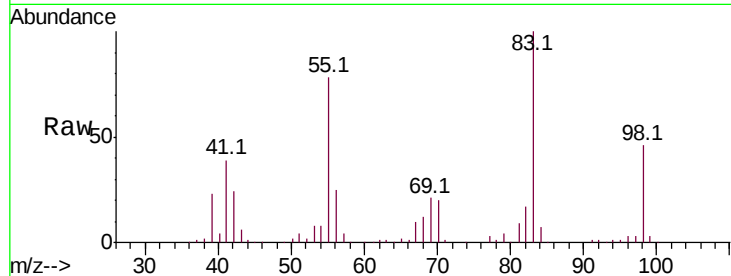
#39
Methylvlcvclohexane
Concen: 19.464 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.0	91.4
98	45.8	39.6	59.4

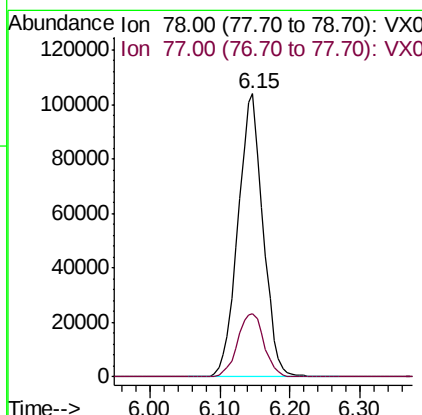
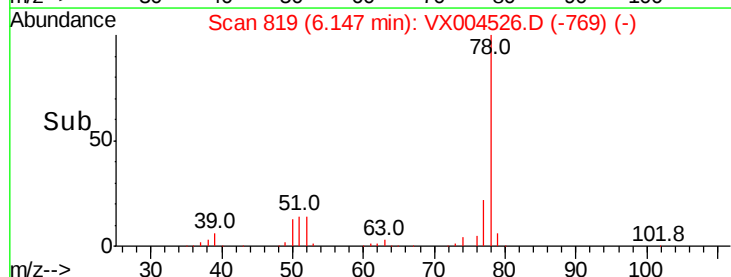
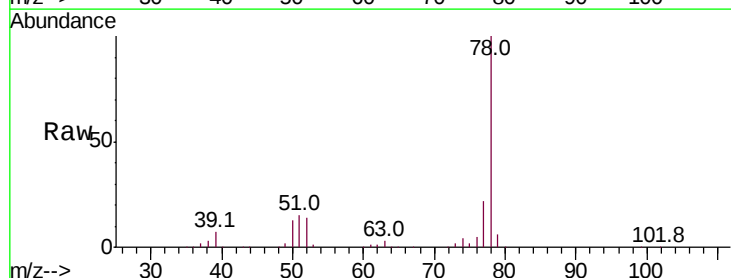
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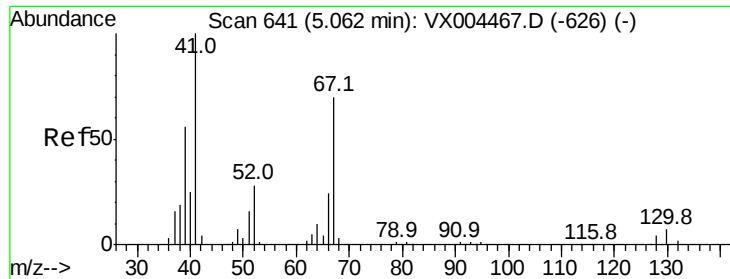
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#40
Benzene
Concen: 20.798 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4





#41

Methacrylonitrile

Concen: 19.386 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 41 Resp: 50812

Ion Ratio Lower Upper

41 100

39 53.6 42.4 63.6

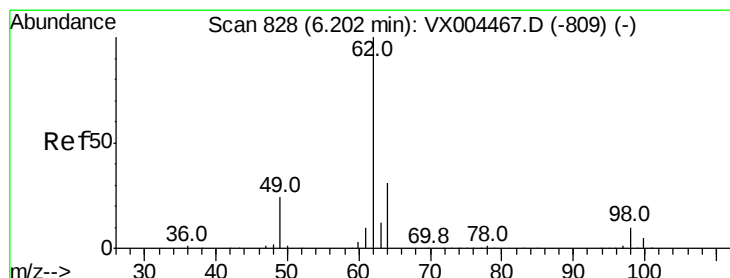
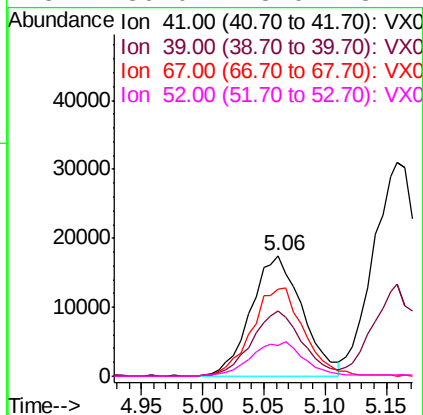
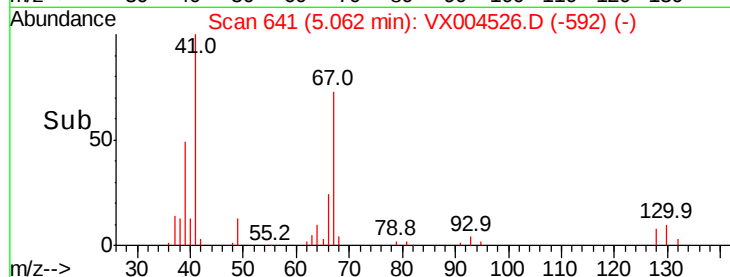
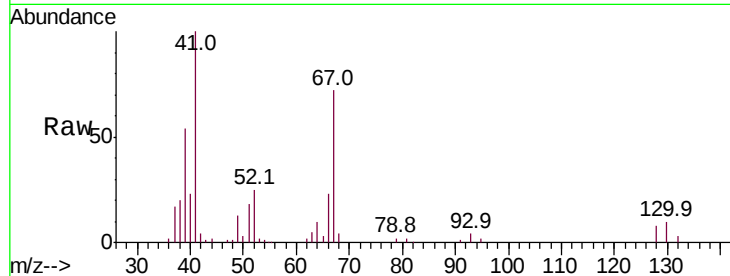
67 74.7 59.2 88.8

52 30.0 23.0 34.4

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#42

1,2-Dichloroethane

Concen: 20.264 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX004526.D

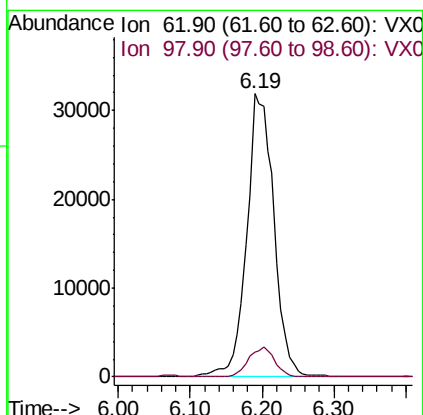
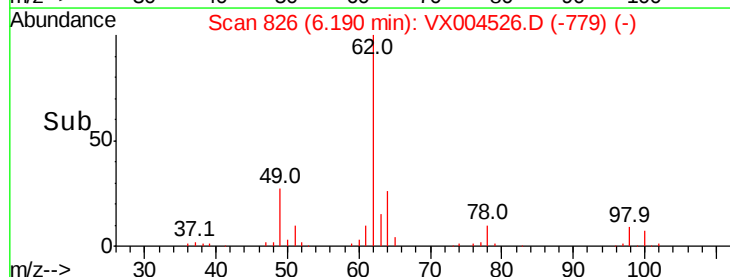
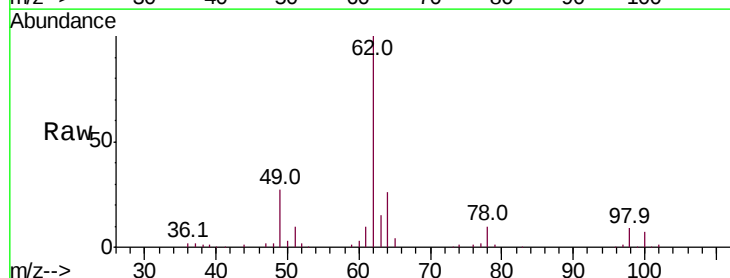
Acq: 13 Sep 2018 19:41

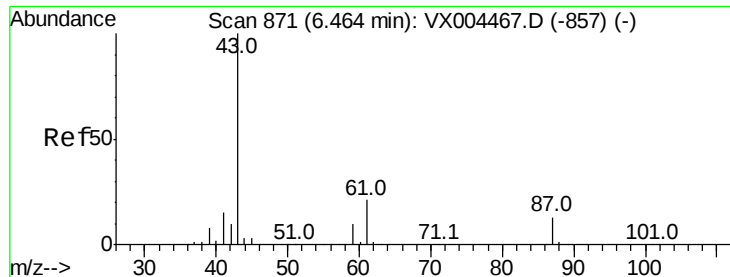
Tgt Ion: 62 Resp: 83407

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.6





#43

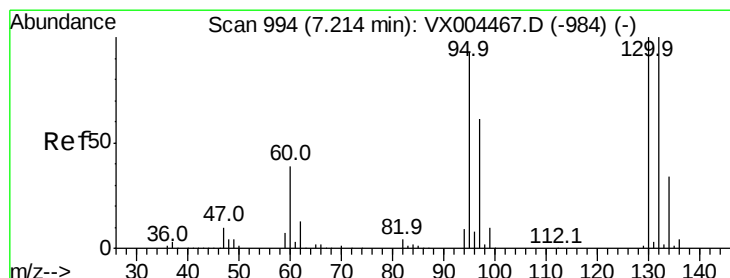
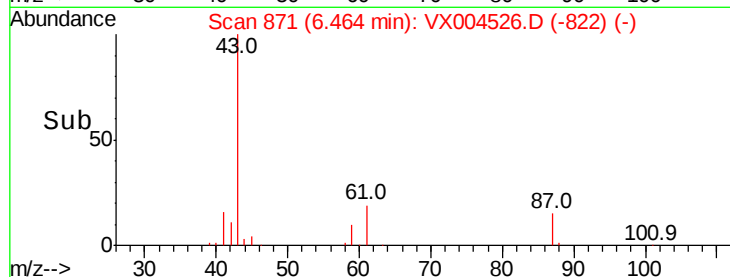
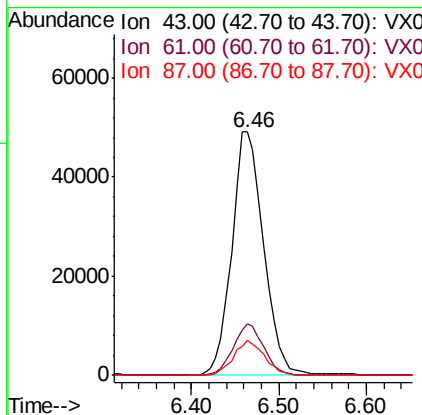
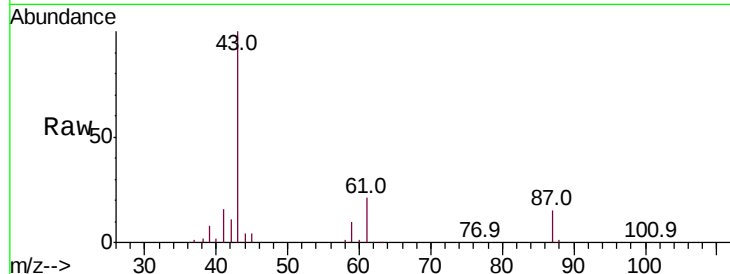
Isopropyl Acetate
 Concen: 19.599 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.0	25.4
87	13.9	11.4	17.2

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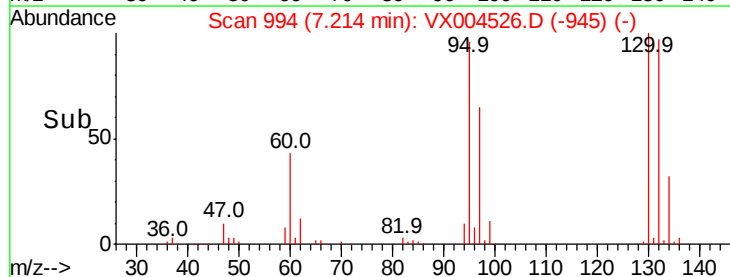
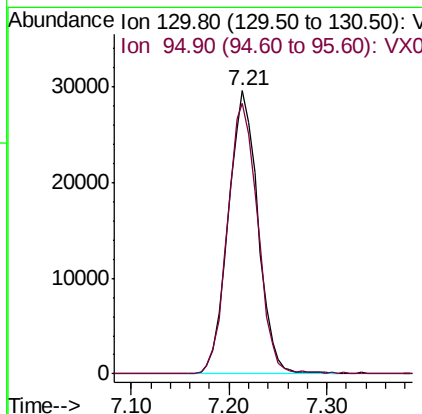
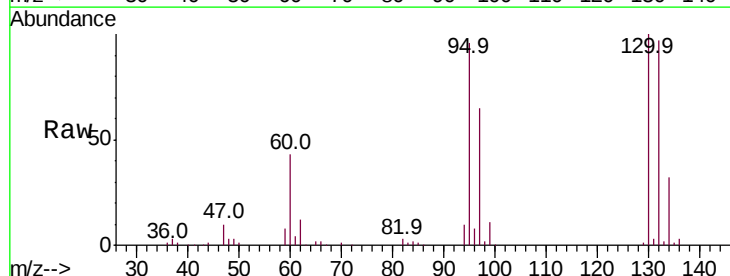
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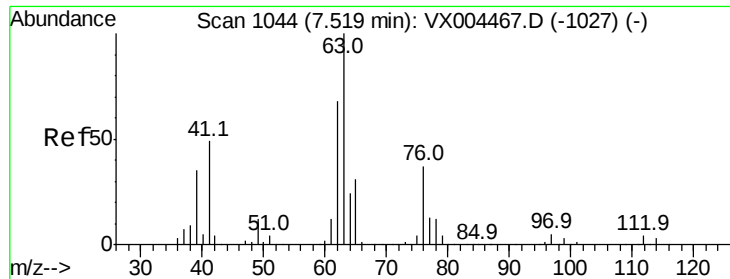


#44

Trichloroethene
 Concen: 19.370 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	181.6





#45

1,2-Dichloropropane

Concen: 19.739 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 63 Resp: 58943

Ion Ratio Lower Upper

63 100

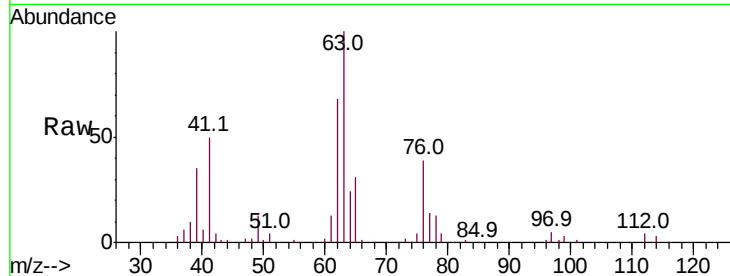
65 31.1 24.3 36.5

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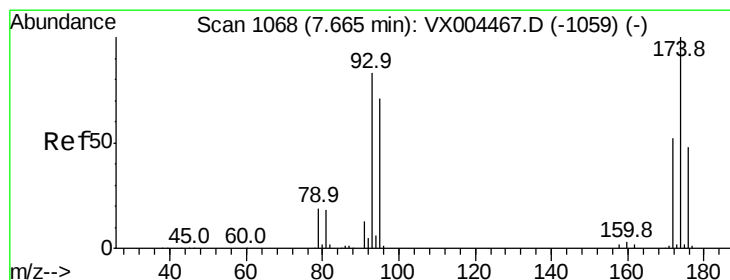
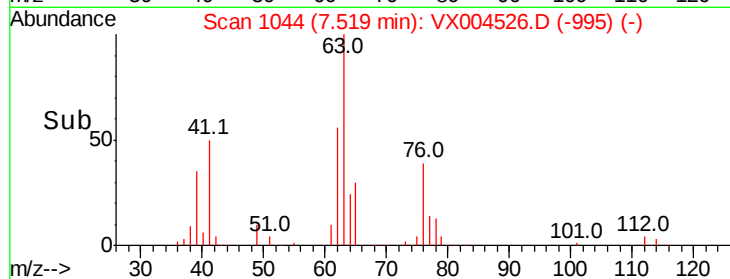
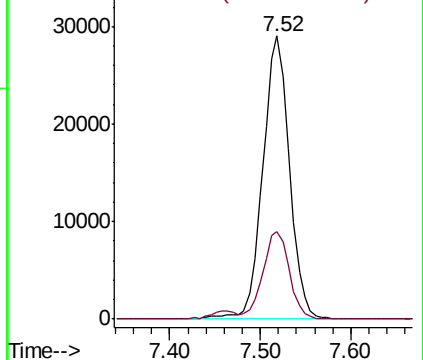
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.867 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

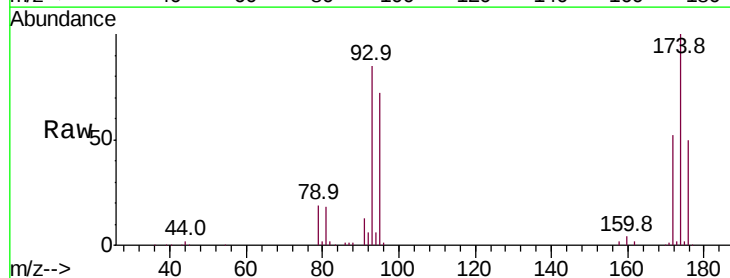
Tgt Ion: 93 Resp: 37480

Ion Ratio Lower Upper

93 100

95 83.0 65.5 98.3

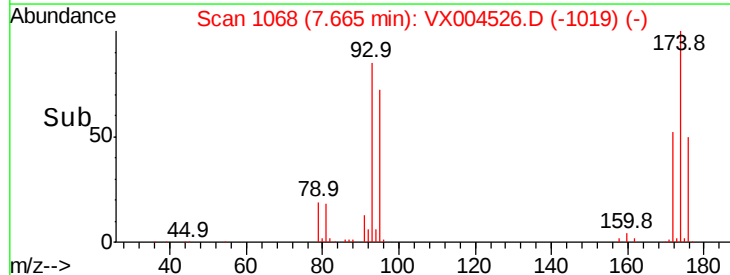
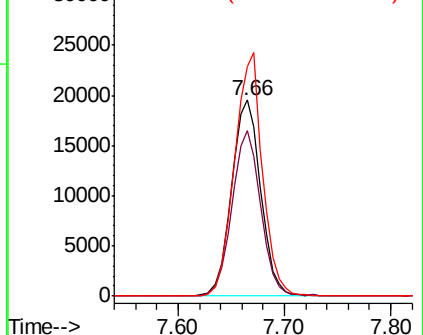
174 119.4 94.2 141.4

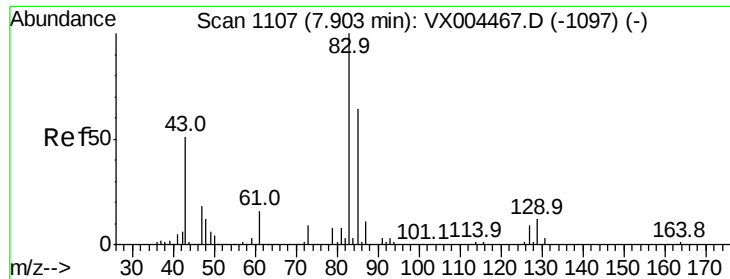


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.425 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

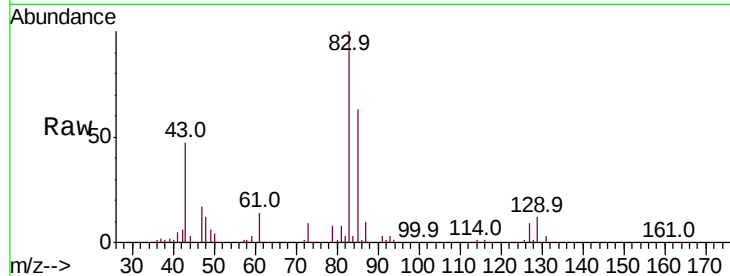
ClientSampleId :

VX0913WBSD01

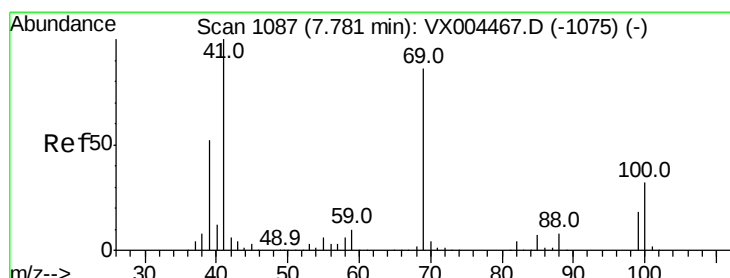
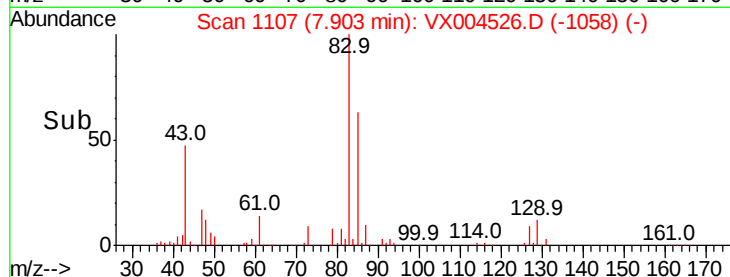
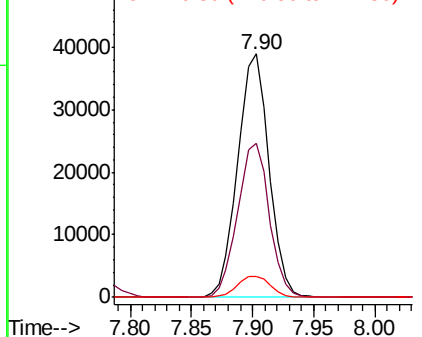
Tot Ion:	83	Resp:	69302
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	8.8	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.272 ug/l

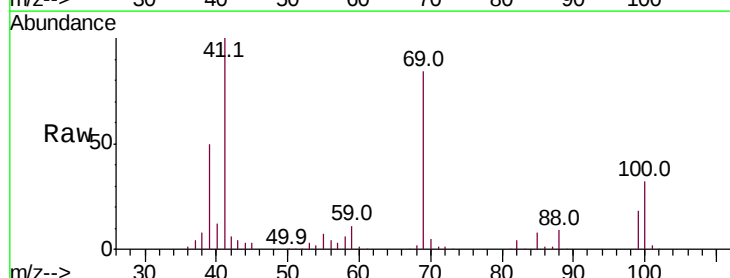
RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

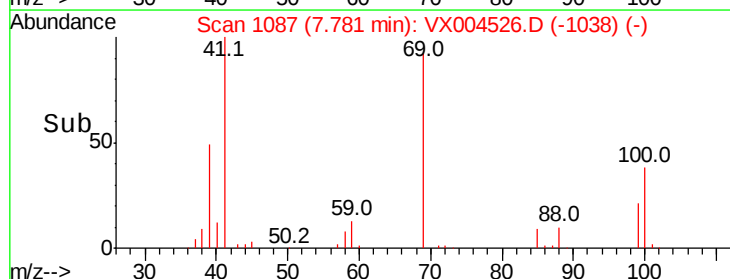
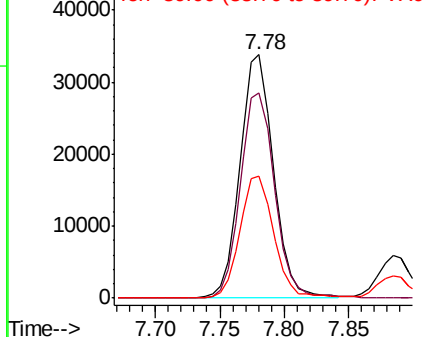
Lab File: VX004526.D

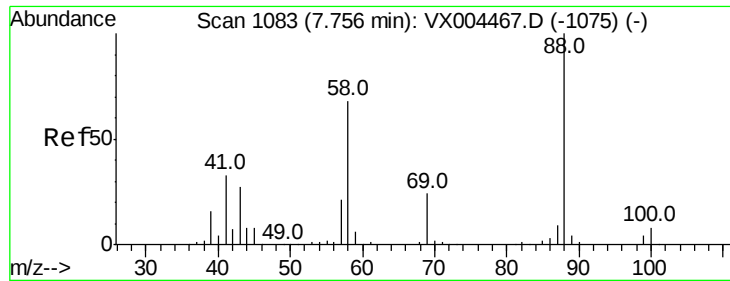
Acq: 13 Sep 2018 19:41

Tgt Ion:	41	Resp:	60261
Ion Ratio	Lower	Upper	
41	100		
69	87.2	70.2	105.4
39	51.2	42.7	64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





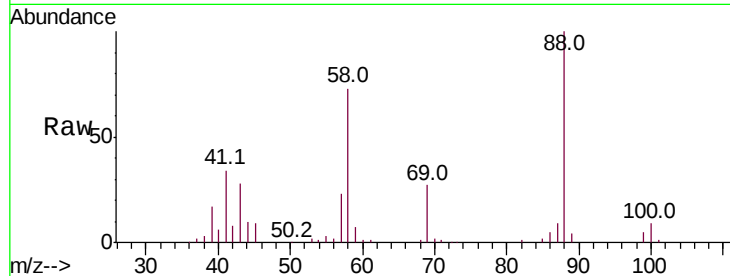
#49
 1,4-Dioxane
 Concen: 390.685 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

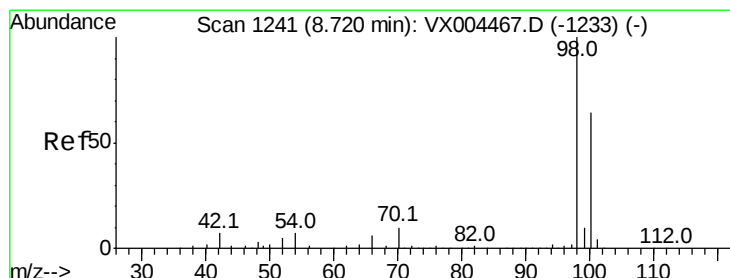
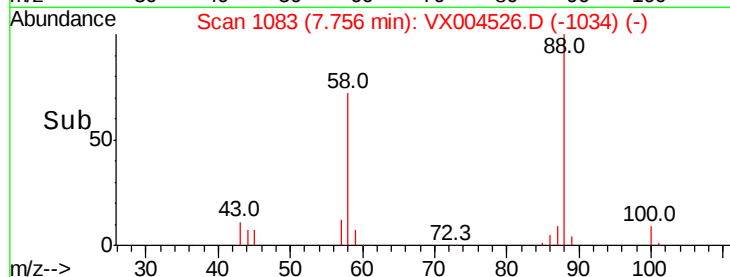
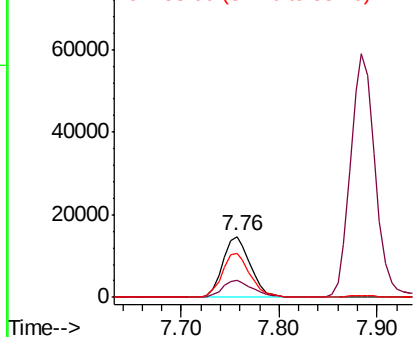
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	24.7	37.1
58	73.5	55.3	82.9

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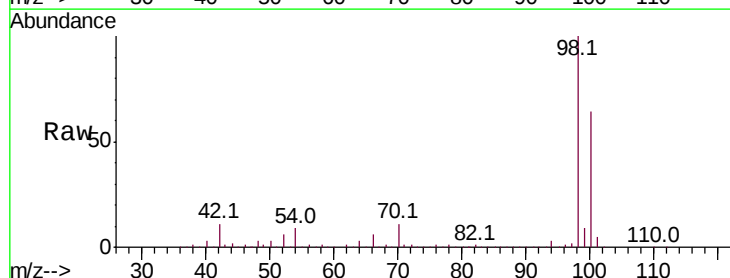


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

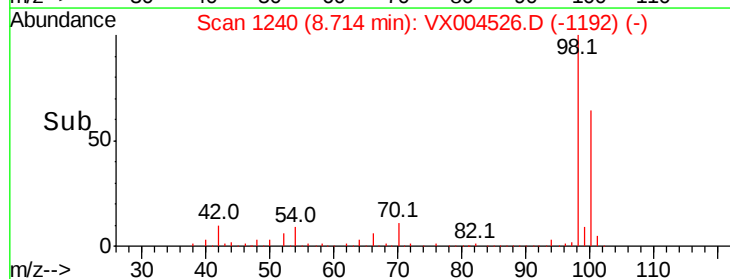
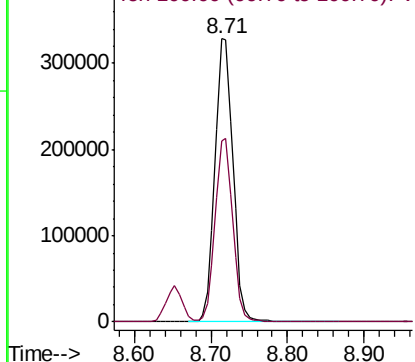


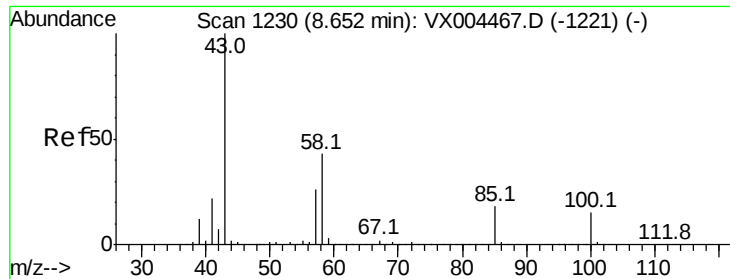
#50
 Toluene-d8
 Concen: 50.766 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.9	79.3



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





#51

4-Methyl-2-Pentanone

Concen: 90.424 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 43 Resp: 403188

Ion Ratio Lower Upper

43 100

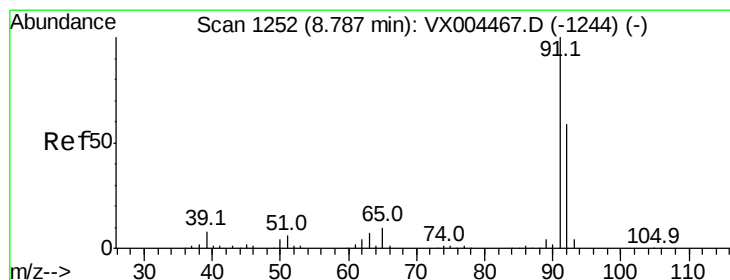
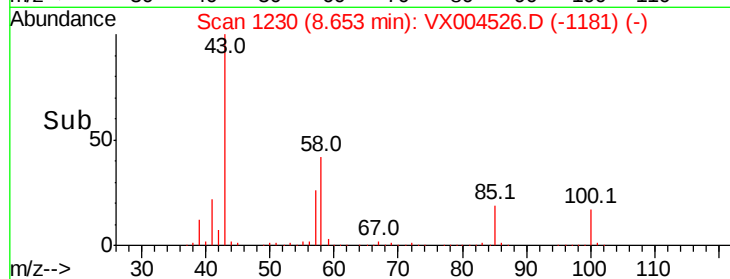
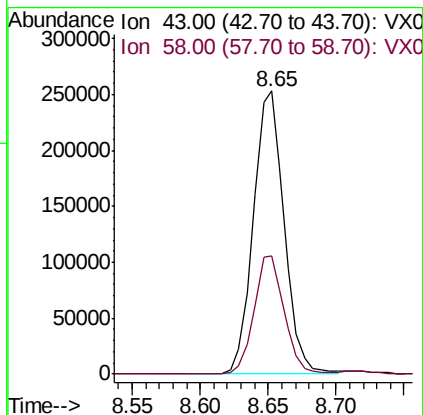
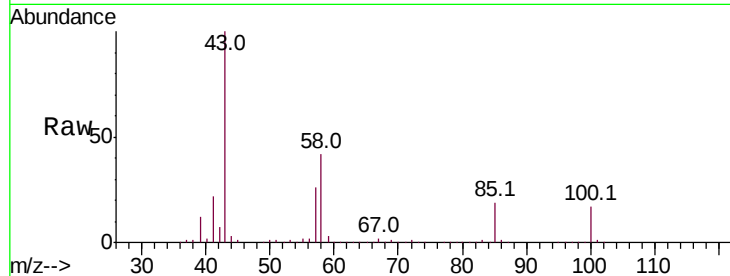
58 40.8 33.1 49.7

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#52

Toluene

Concen: 19.869 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004526.D

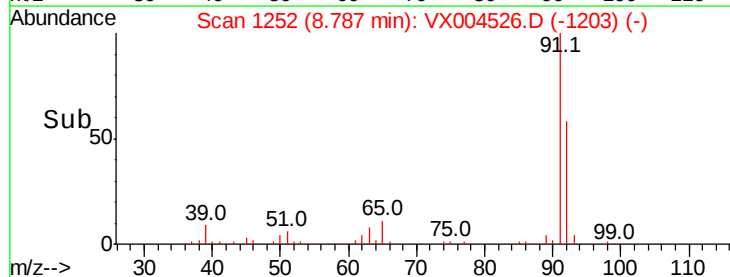
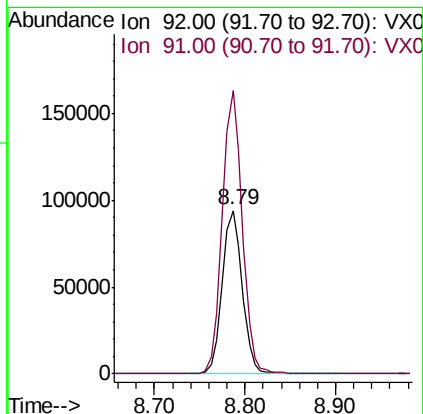
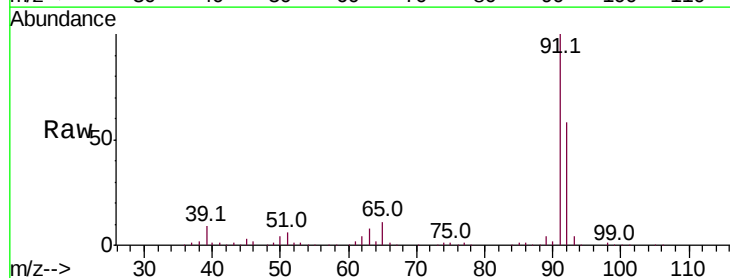
Acq: 13 Sep 2018 19:41

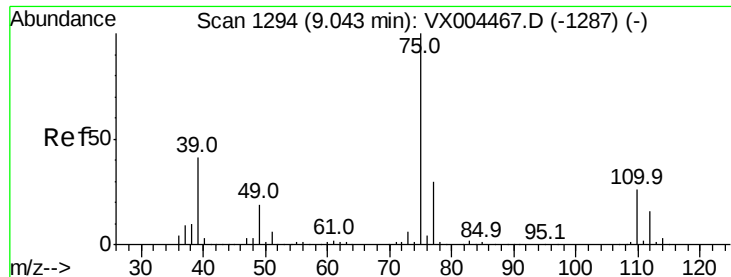
Tgt Ion: 92 Resp: 145278

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6





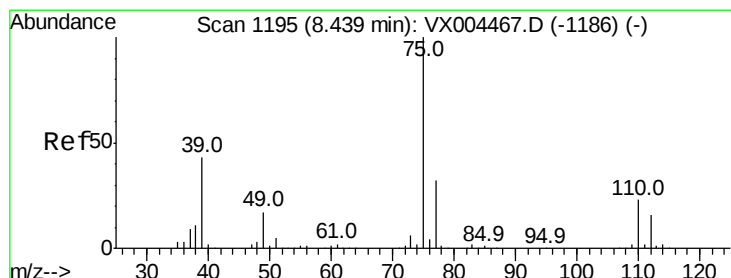
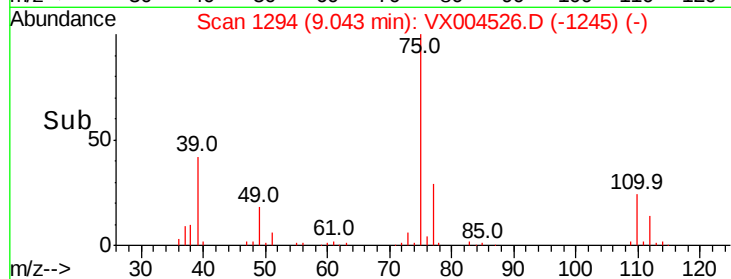
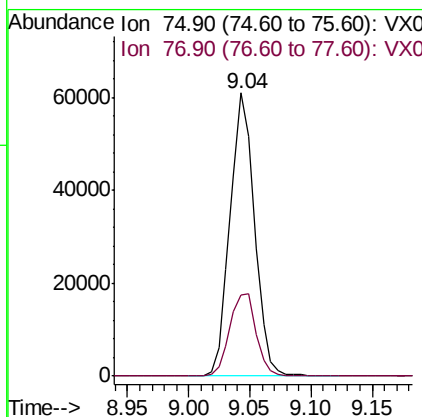
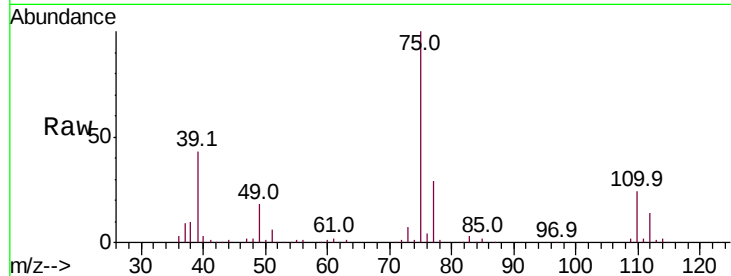
#53
t-1,3-Dichloropropene
Concen: 20.289 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

Tot Ion: 75 Resp: 84555
Ion Ratio Lower Upper
75 100
77 28.7 24.6 37.0

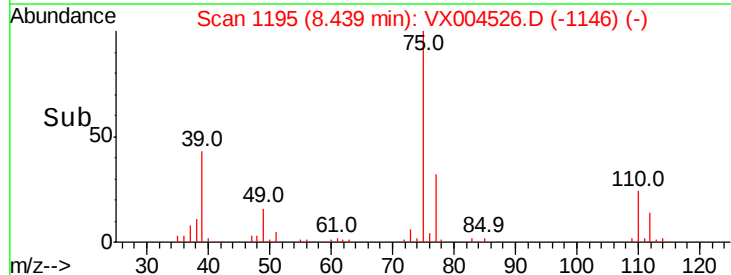
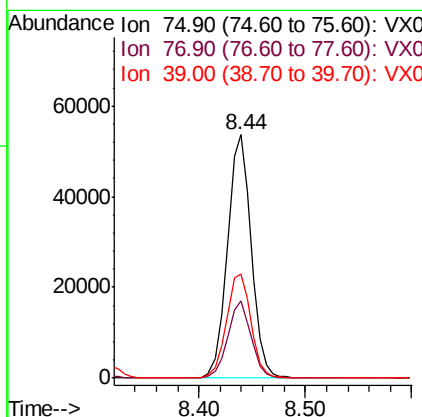
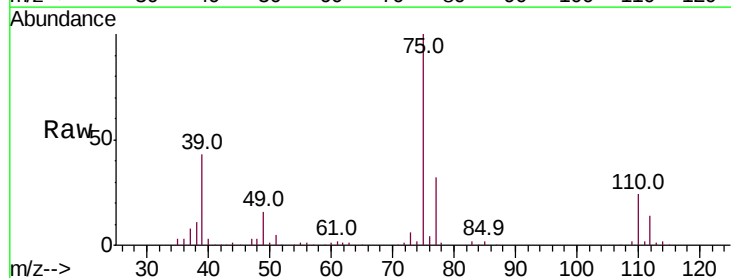
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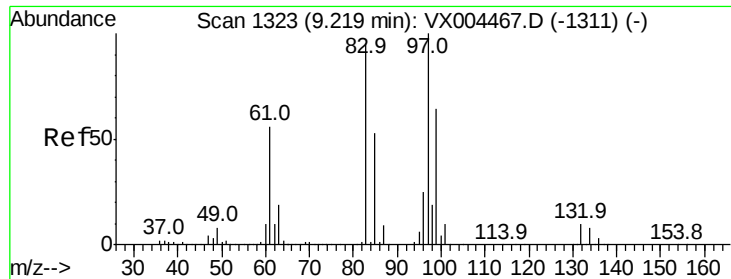
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#54
cis-1,3-Dichloropropene
Concen: 19.796 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 75 Resp: 84100
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
39 42.9 36.4 54.6





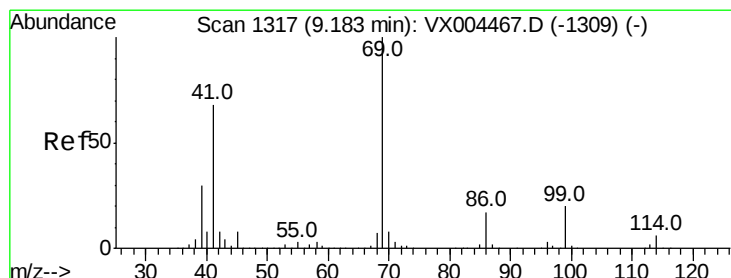
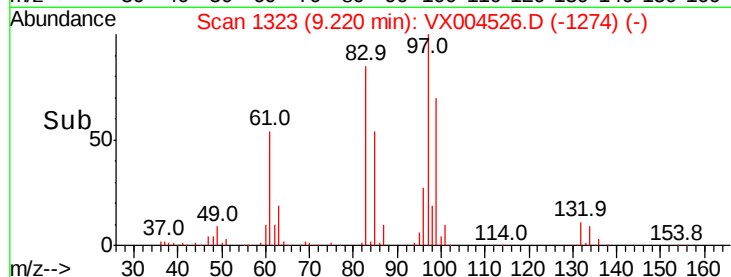
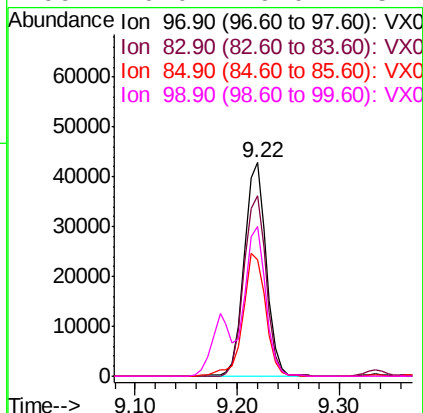
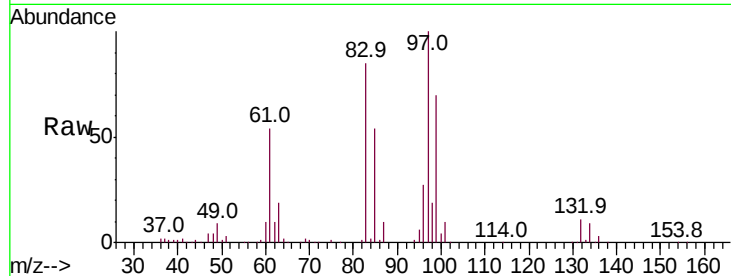
#55
 1,1,2-Trichloroethane
 Concen: 20.408 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion:	97	Resp:	64249
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.4	99.6
85	54.4	43.3	64.9
99	70.0	49.0	73.4

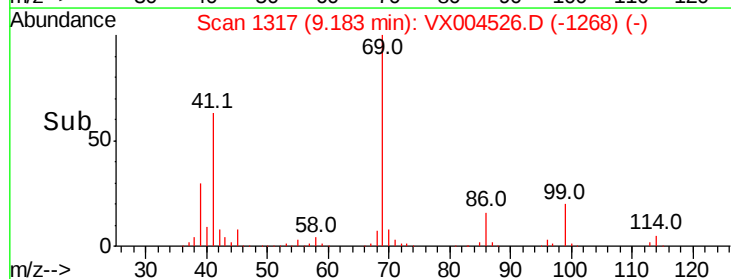
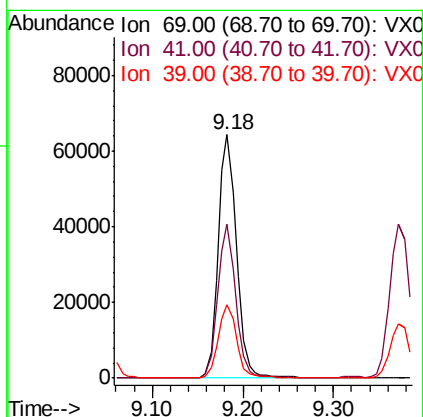
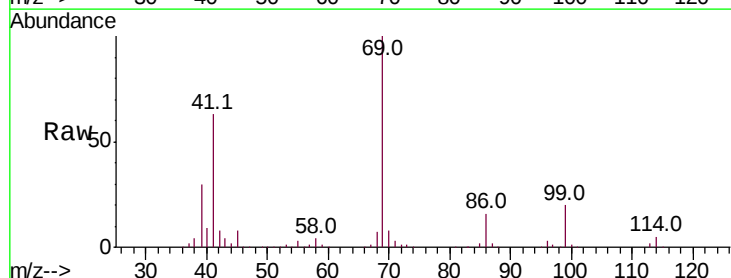
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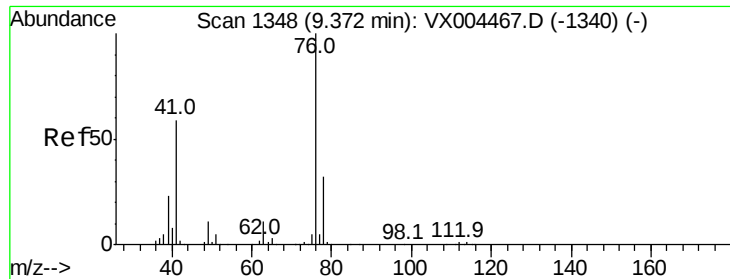
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#56
 Ethyl methacrylate
 Concen: 20.431 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion:	69	Resp:	90996
Ion	Ratio	Lower	Upper
69	100		
41	62.2	51.0	76.4
39	30.2	26.1	39.1





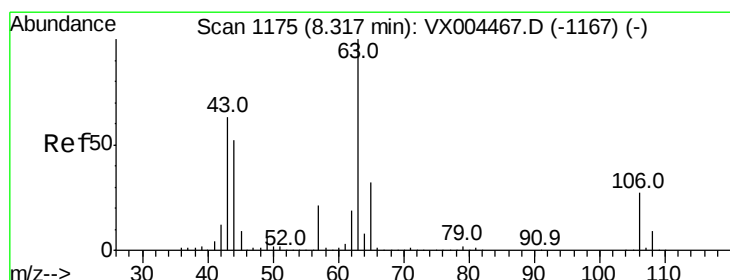
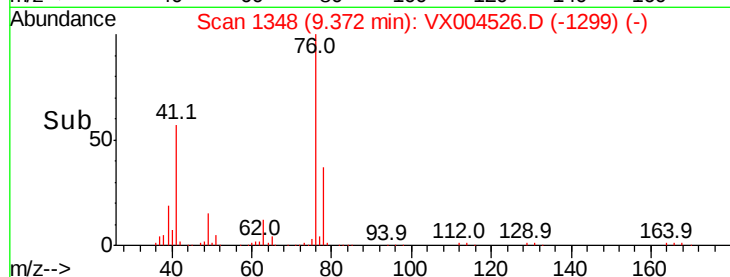
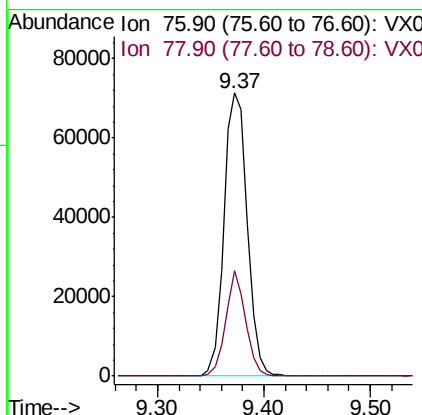
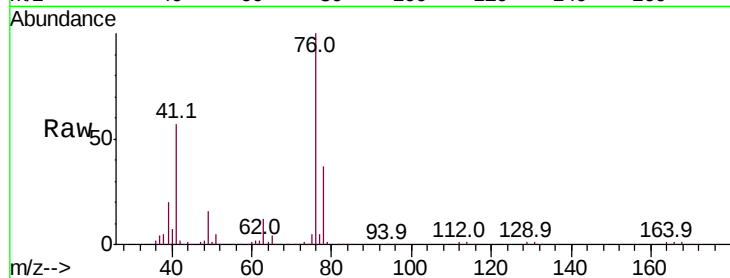
#57
 1,3-Dichloropropane
 Concen: 21.274 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

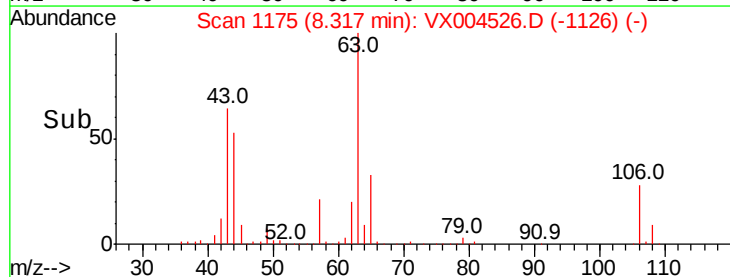
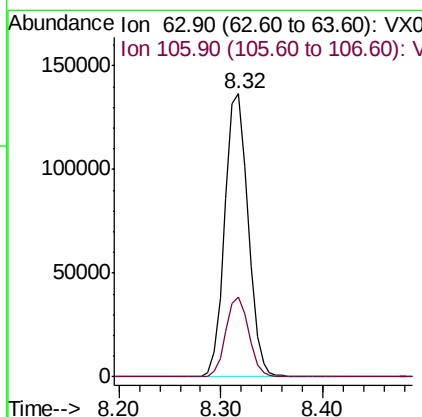
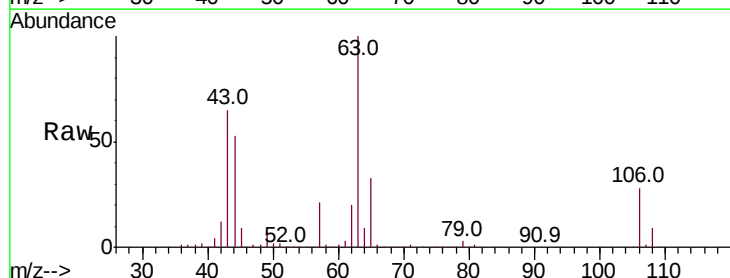
Manual Integrations
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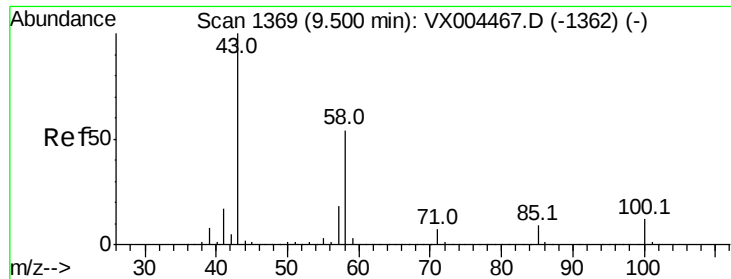
MMDadoda
 9/15/2018 11:23:55 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.184 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	23.9	35.9





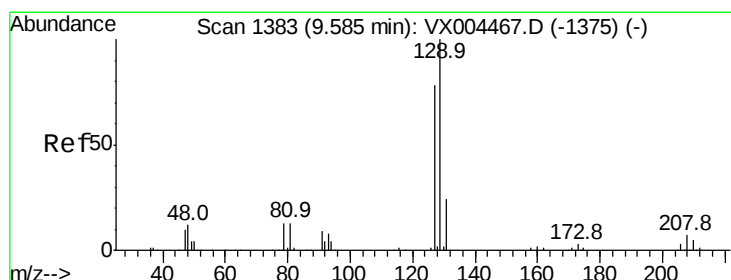
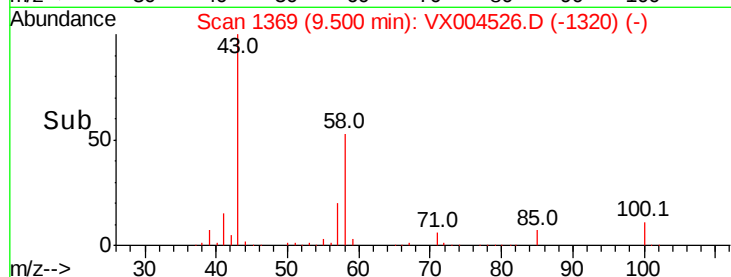
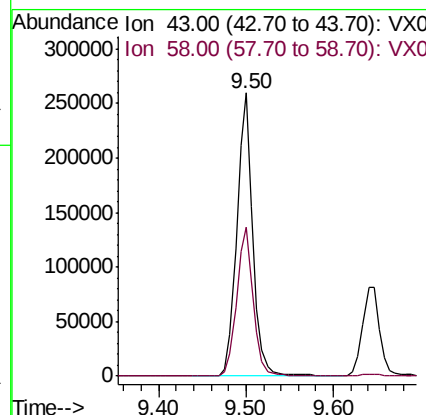
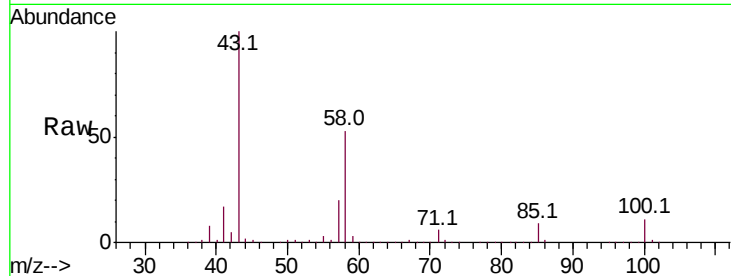
#59
2-Hexanone
Concen: 96.497 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion: 43 Resp: 330031
Ion Ratio Lower Upper
43 100
58 54.9 29.0 87.0

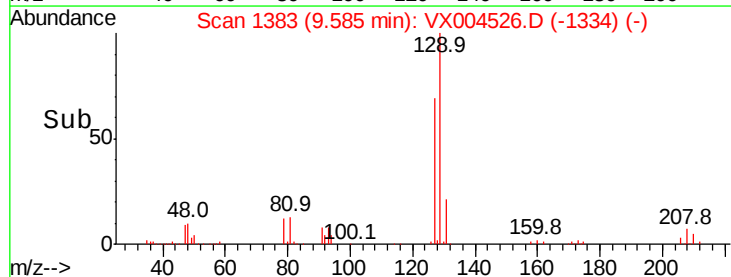
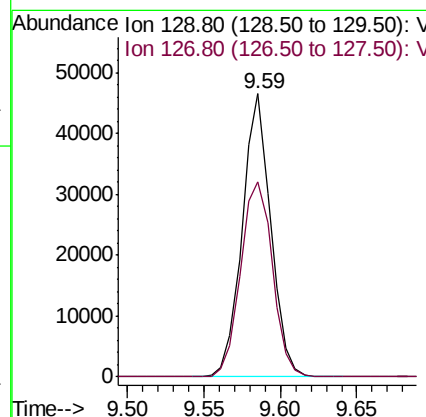
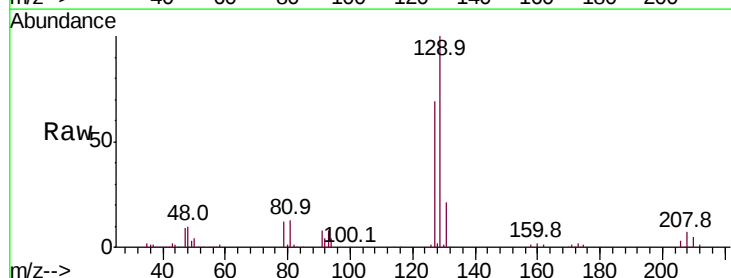
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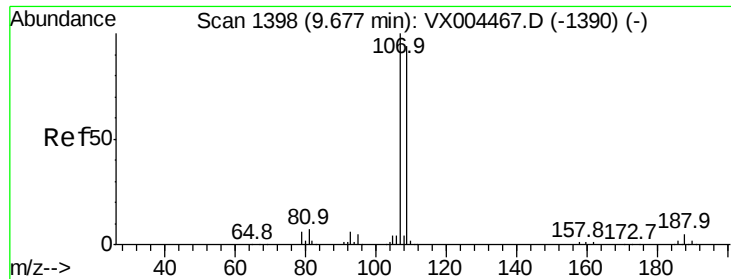
MMDadoda
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#60
Dibromochloromethane
Concen: 20.207 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 129 Resp: 59891
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





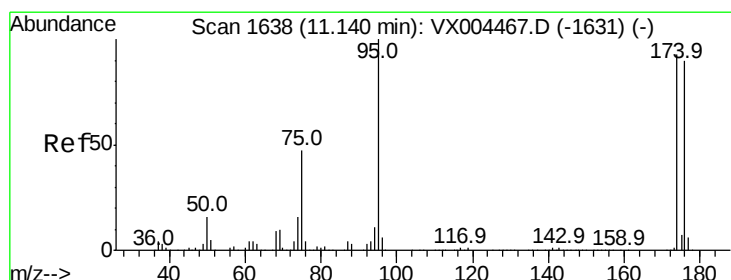
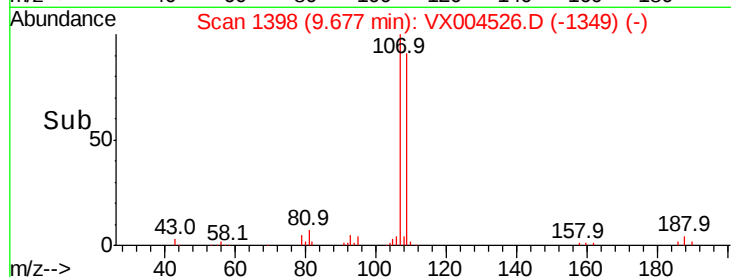
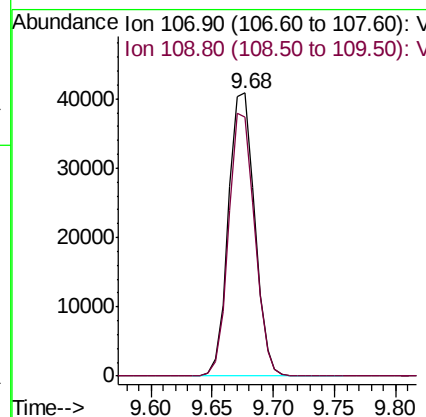
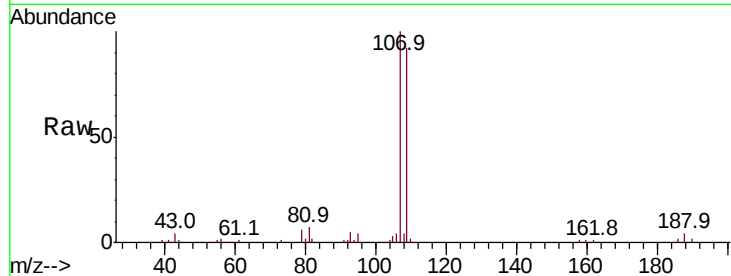
#61
 1,2-Dibromoethane
 Concen: 20.219 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	76.0	114.0

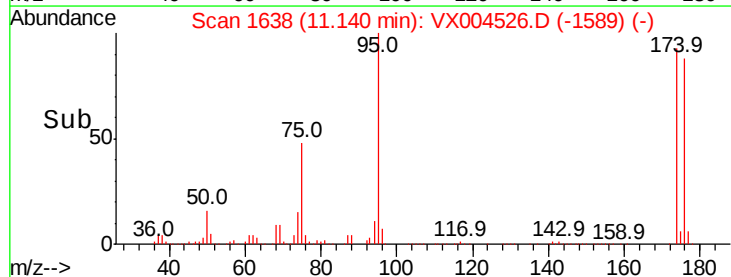
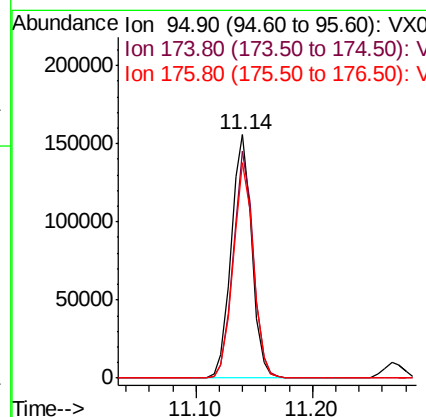
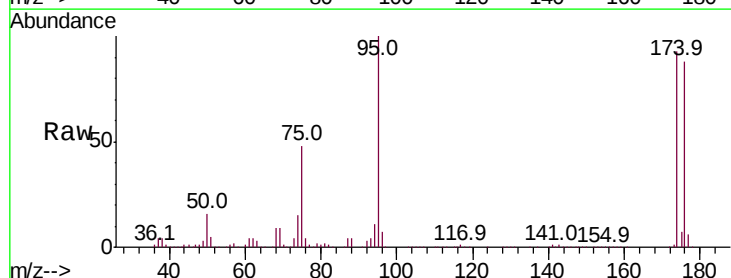
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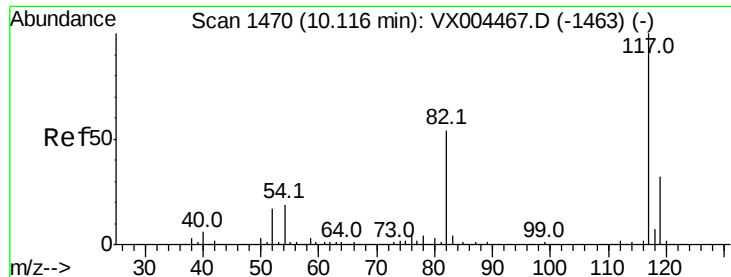
MMDadoda
 9/15/2018 11:23:55 AM



#62
 4-Bromofluorobenzene
 Concen: 50.500 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	185.2
176	88.0	0.0	178.6





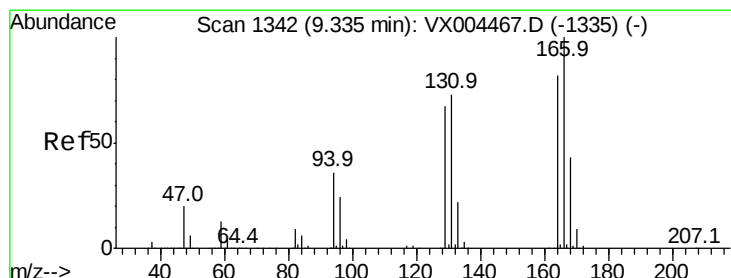
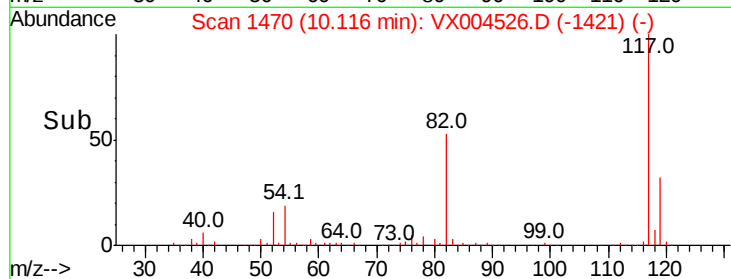
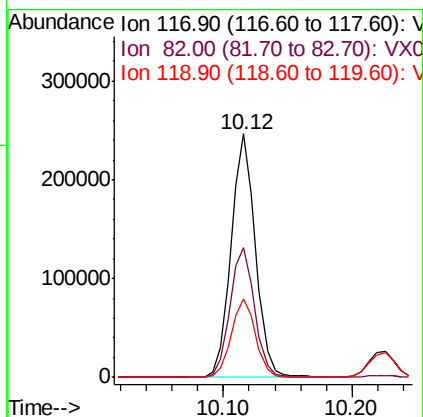
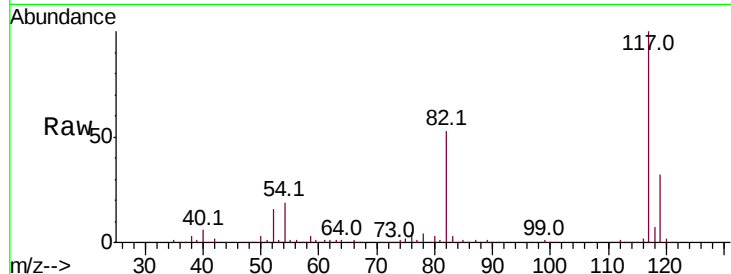
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	53.4	47.8	71.6	
119	32.3	29.3	43.9	

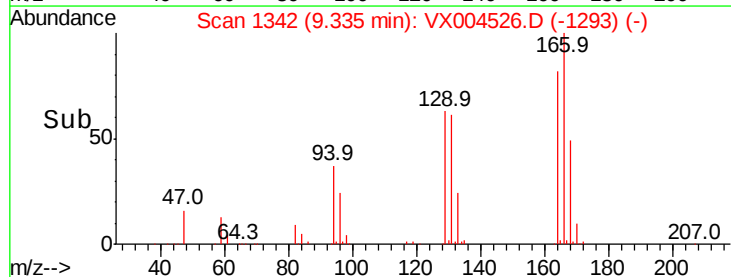
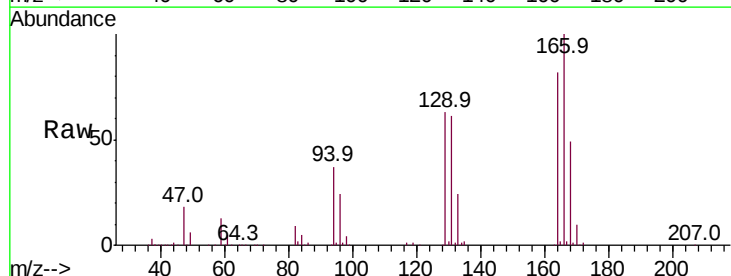
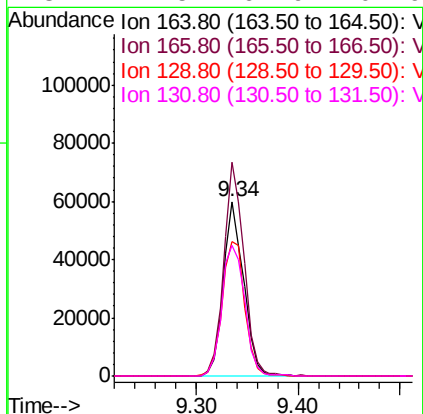
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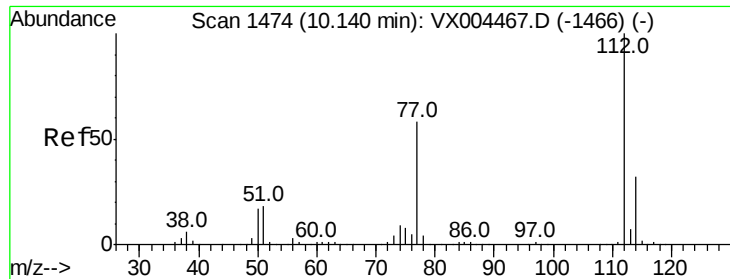
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#64
Tetrachloroethene
Concen: 20.423 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	122.3	102.8	154.2	
129	77.0	69.4	104.0	
131	74.5	67.9	101.9	





#65

Chlorobenzene

Concen: 19.387 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

VX0913WBSD01

Tot Ion:112 Resp: 156534

Ion Ratio Lower Upper

112 100

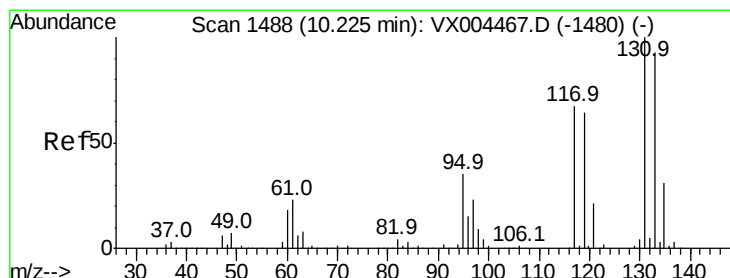
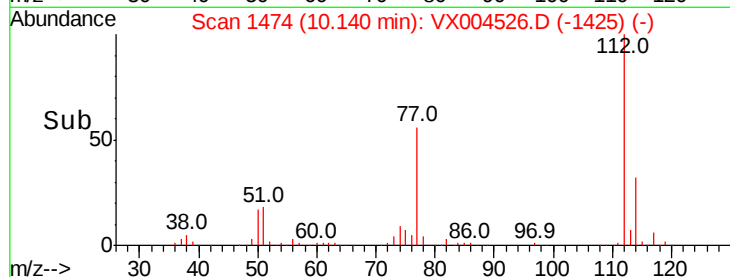
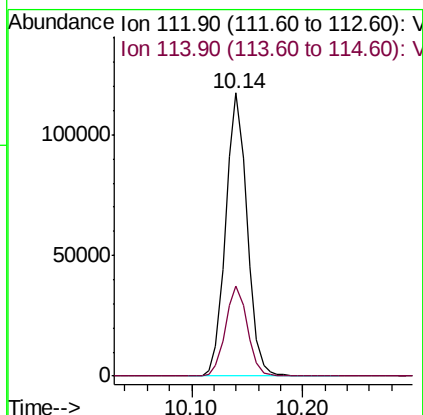
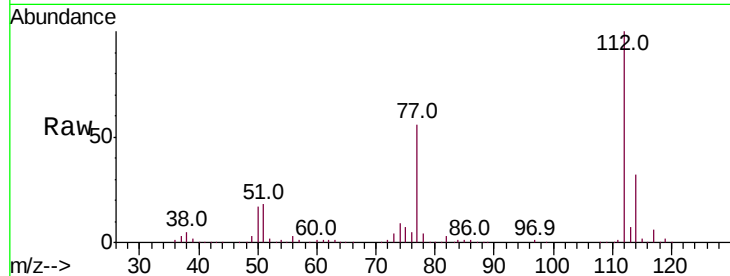
114 31.7 27.8 41.8

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.357 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

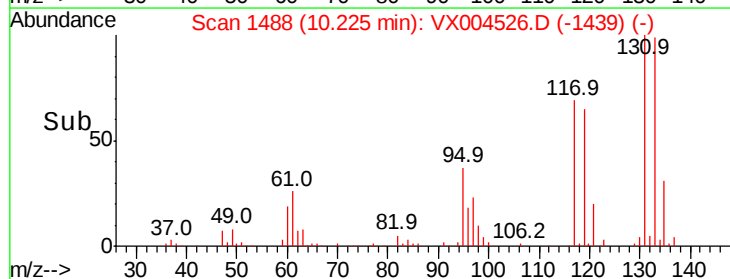
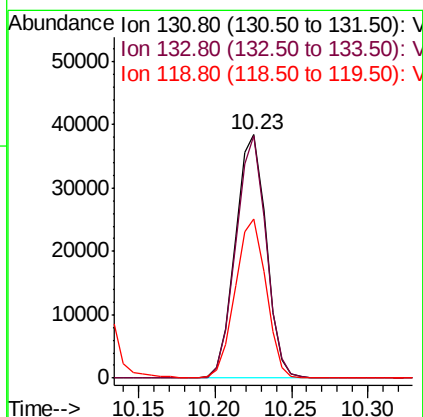
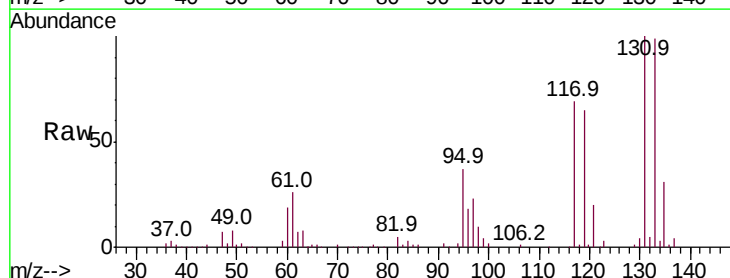
Tgt Ion:131 Resp: 53899

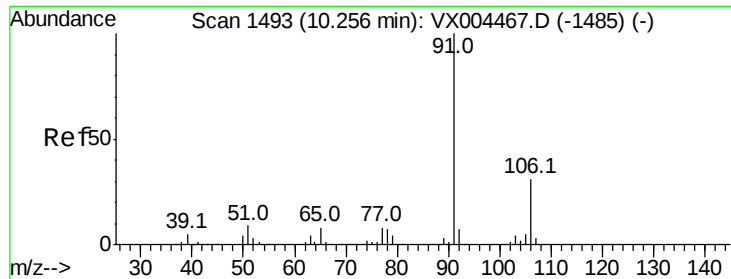
Ion Ratio Lower Upper

131 100

133 96.8 48.1 144.4

119 65.1 32.9 98.6





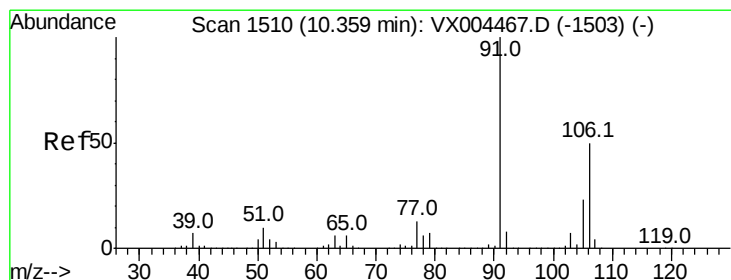
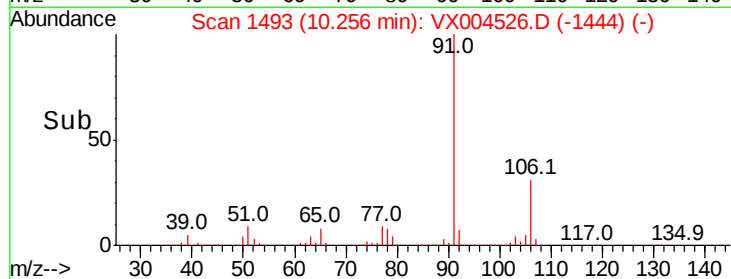
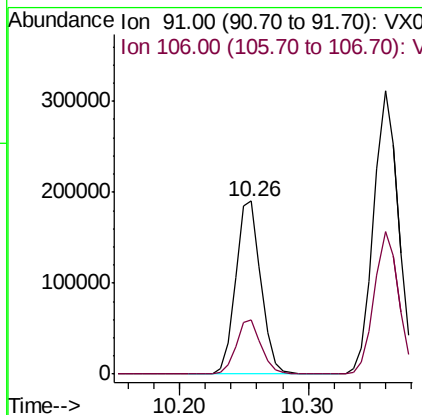
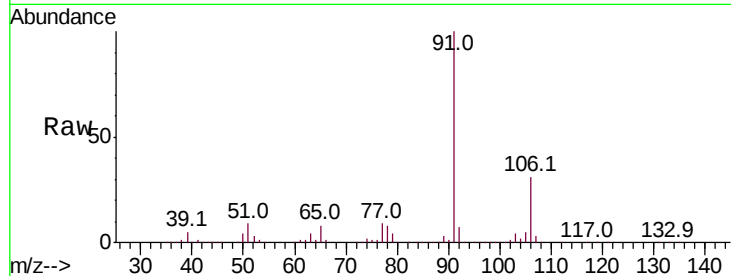
#67
Ethyl Benzene
Concen: 19.747 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

Tot Ion: 91 Resp: 259265
Ion Ratio Lower Upper
91 100
106 31.3 25.9 38.9

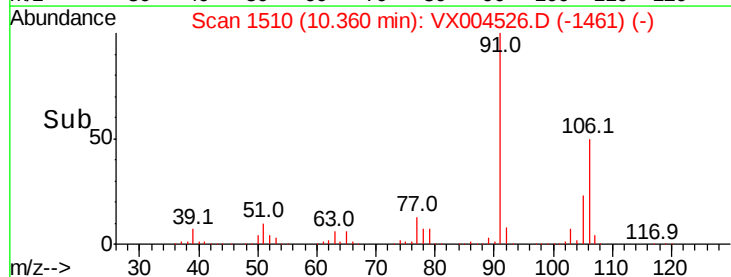
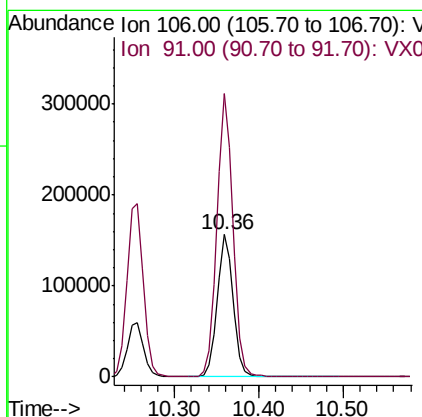
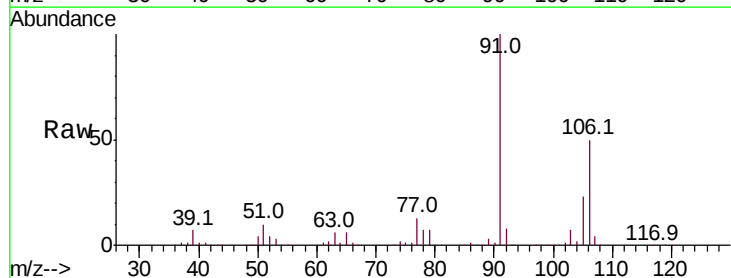
Manual Integrations
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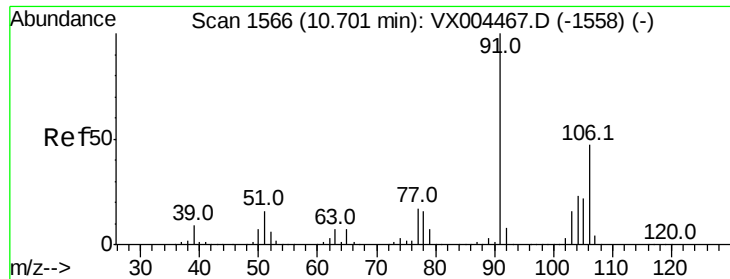
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#68
m/p-Xylenes
Concen: 40.618 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion: 106 Resp: 205421
Ion Ratio Lower Upper
106 100
91 200.4 157.1 235.7





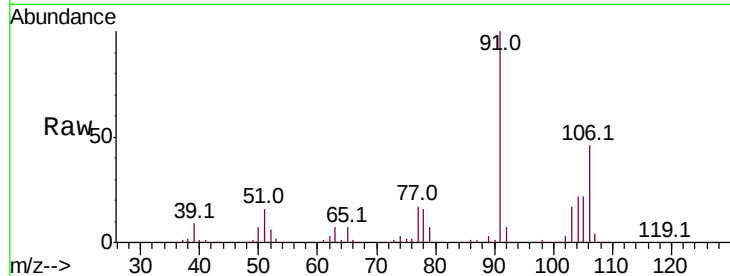
#69
o-Xylene
Concen: 19.927 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampled :
VX0913WBSD01

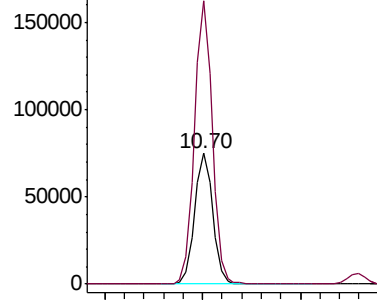
Tot Ion:106 Resp: 96885
Ion Ratio Lower Upper
106 100
91 212.8 105.1 315.1

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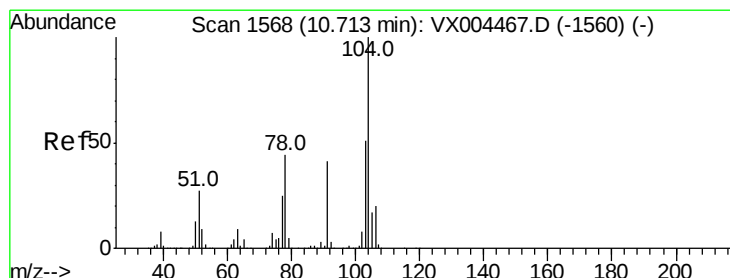
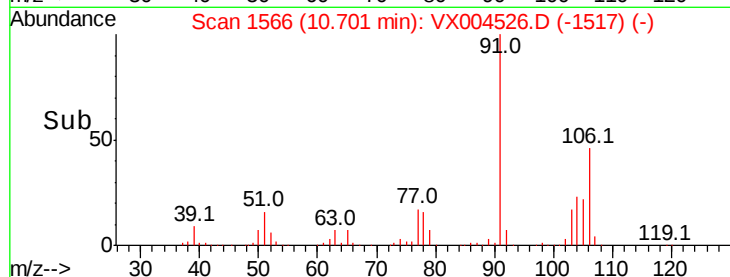
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

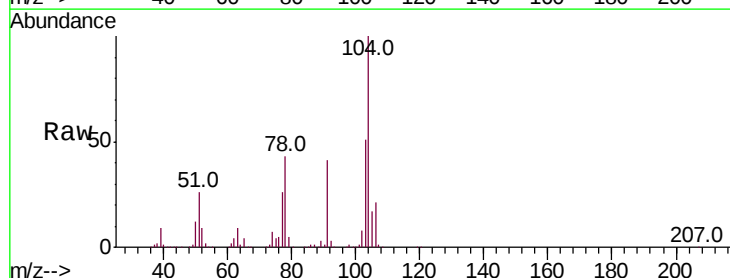


Time-->

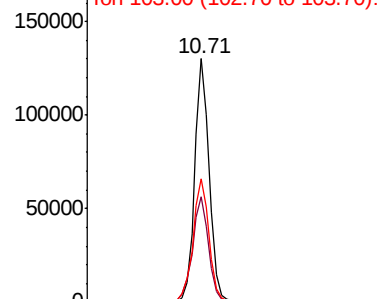


#70
Styrene
Concen: 20.126 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

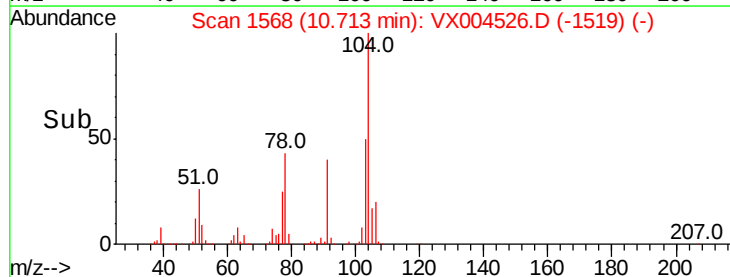
Tgt Ion:104 Resp: 162113
Ion Ratio Lower Upper
104 100
78 48.4 37.4 56.0
103 56.1 43.8 65.6

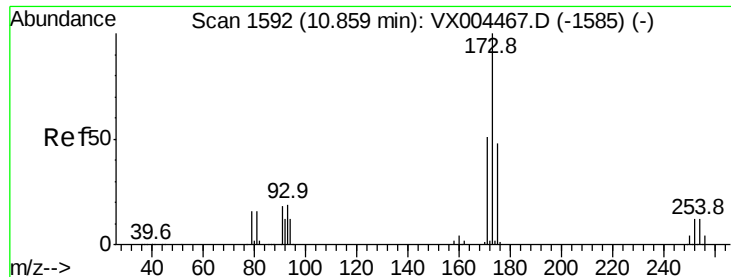


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 18.492 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampled :

VX0913WBSD01

Tot Ion:173 Resp: 42278

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

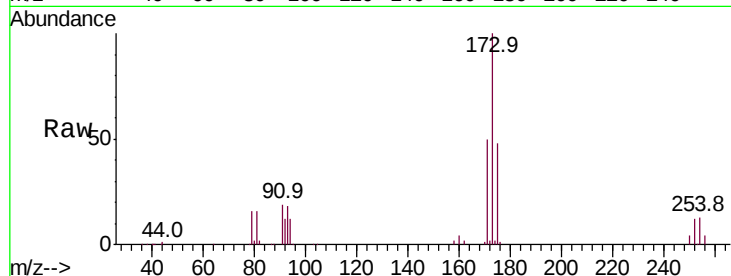
254 0.0 0.2 0.2#

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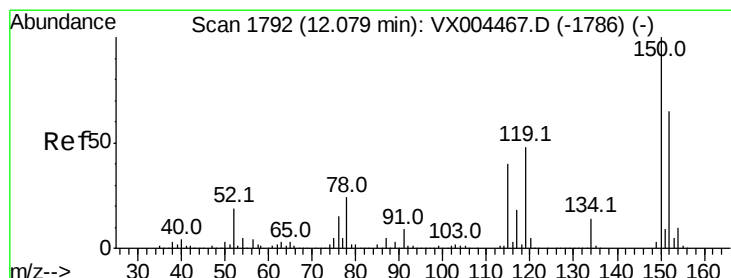
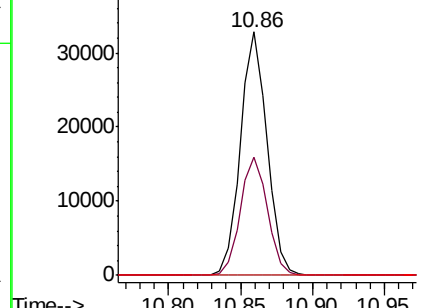
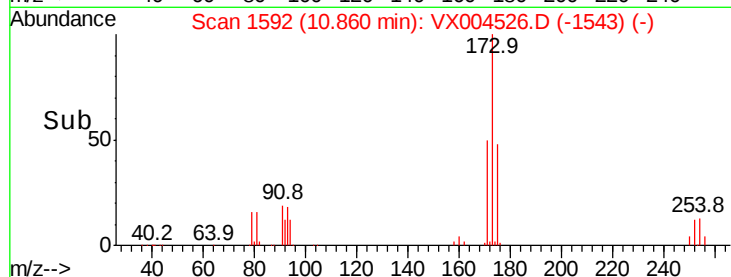
9/15/2018 11:23:55 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

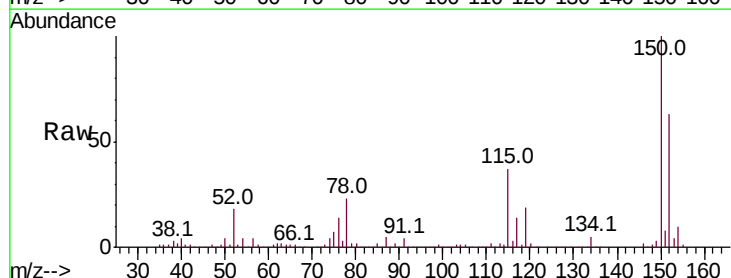
Tgt Ion:152 Resp: 193885

Ion Ratio Lower Upper

152 100

115 64.3 39.0 117.0

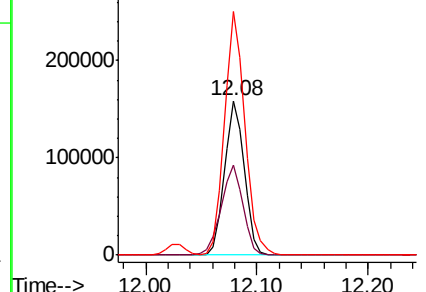
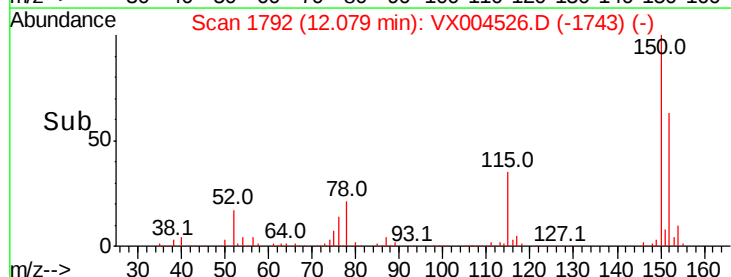
150 163.7 0.0 351.0

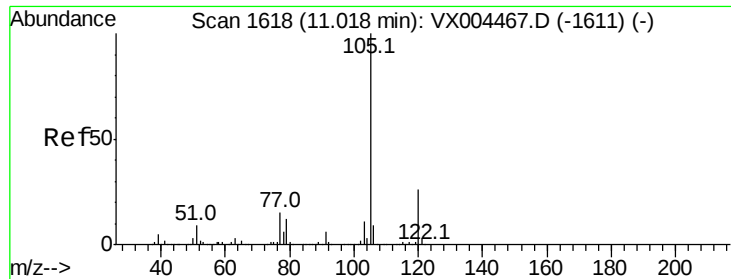


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.728 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion:105 Resp: 264678

Ion Ratio Lower Upper

105 100

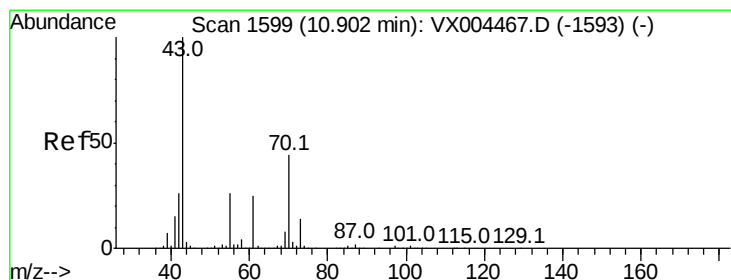
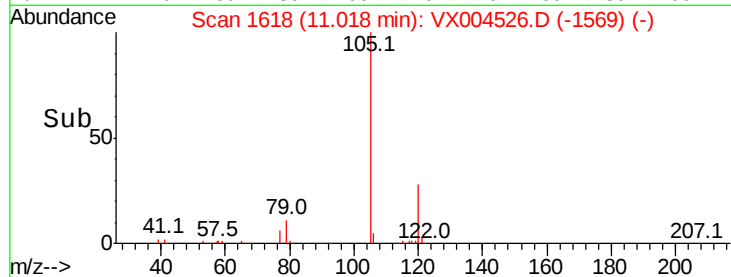
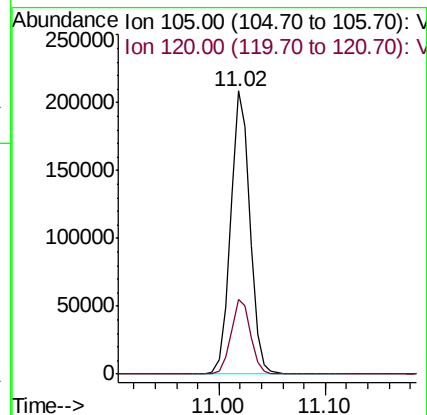
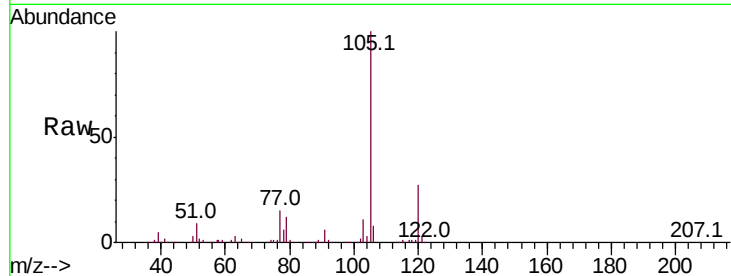
120 26.7 13.5 40.4

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#74

N-ethyl acetate

Concen: 18.908 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Tgt Ion: 43 Resp: 101622

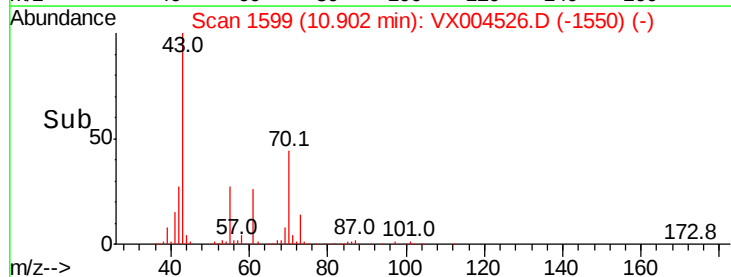
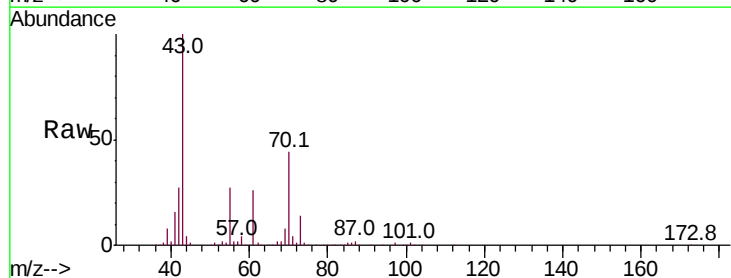
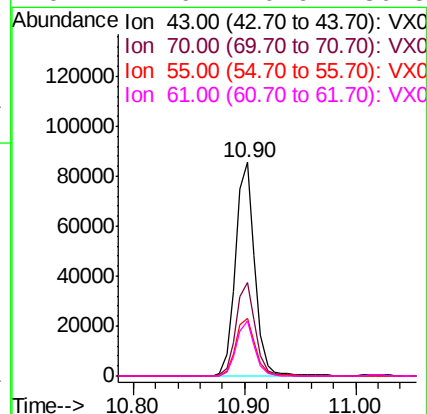
Ion Ratio Lower Upper

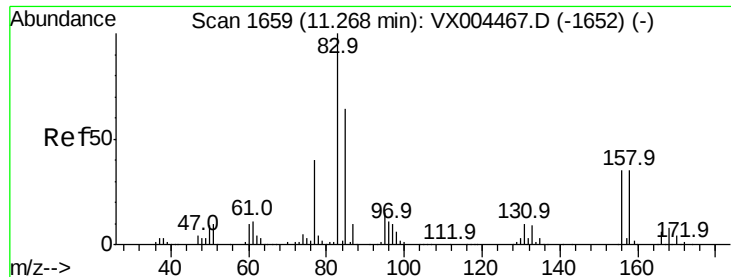
43 100

70 44.0 37.4 56.0

55 28.3 21.8 32.8

61 24.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 83 Resp: 81883

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

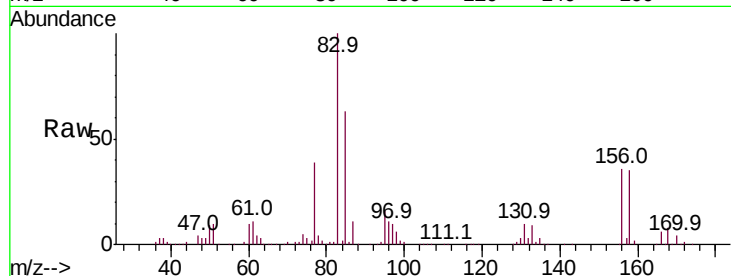
85 63.9 32.3 96.8

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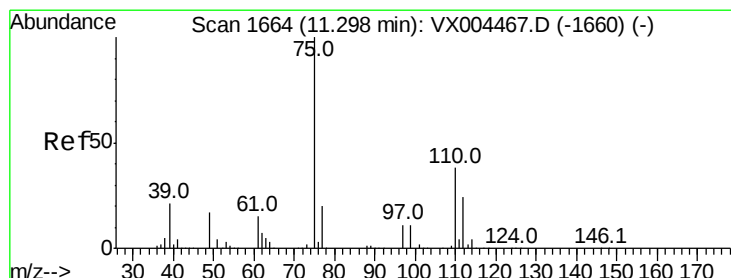
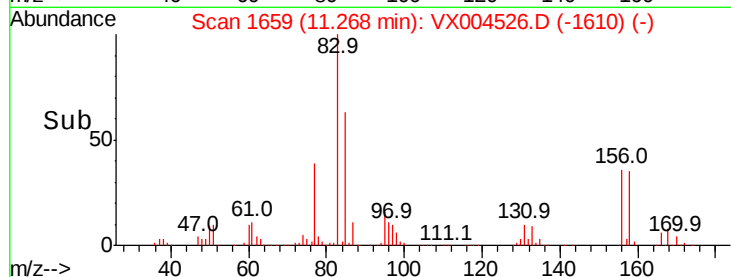
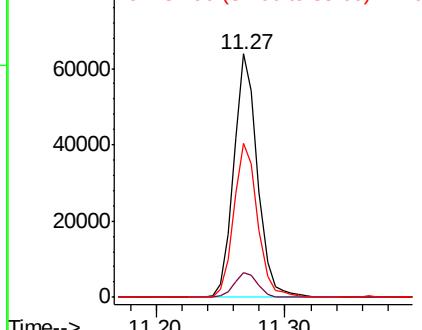
9/15/2018 11:23:55 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.715 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004526.D

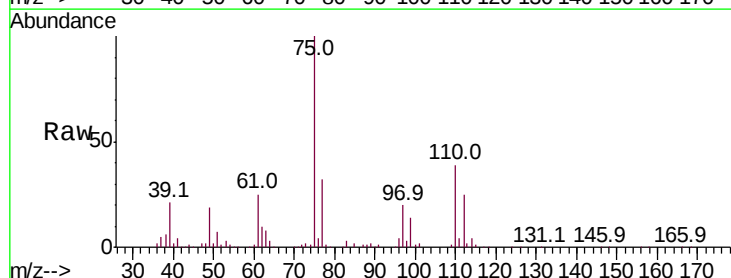
Acq: 13 Sep 2018 19:41

Tgt Ion: 75 Resp: 76905

Ion Ratio Lower Upper

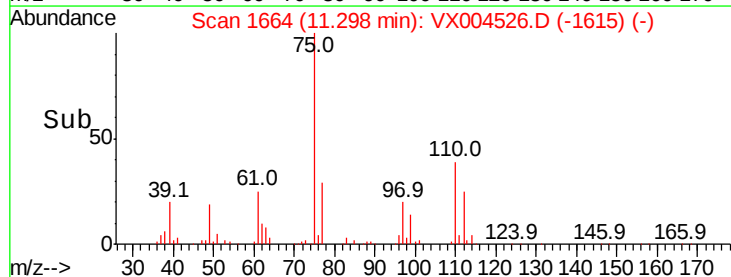
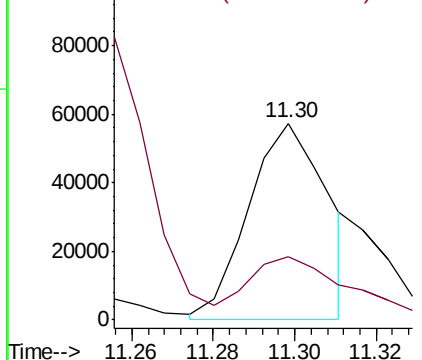
75 100

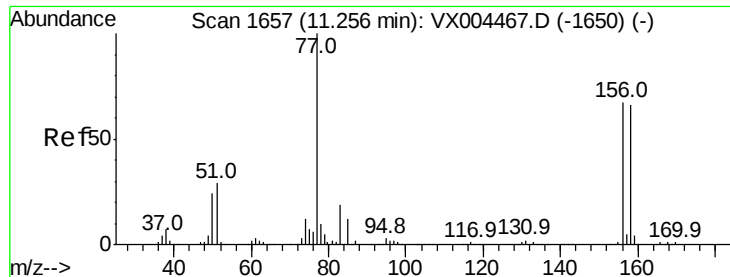
77 41.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.208 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion:156 Resp: 71322

Ion Ratio Lower Upper

156 100

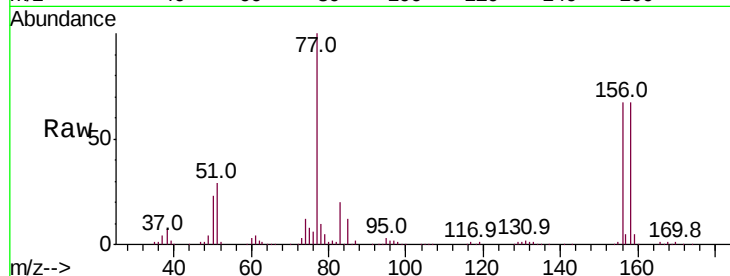
77 146.7 71.5 214.3

158 98.3 48.9 146.8

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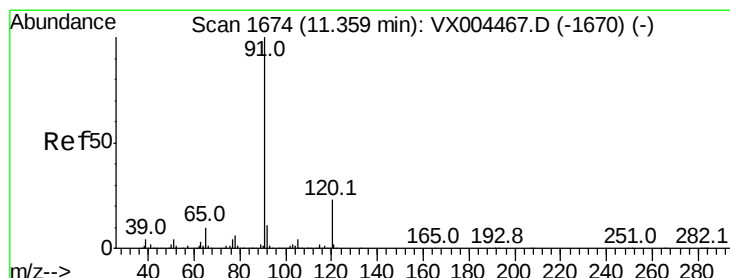
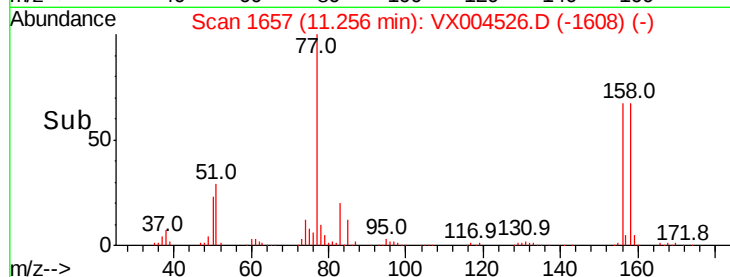
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

11.26

Time-->



#78

n-propylbenzene

Concen: 20.588 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004526.D

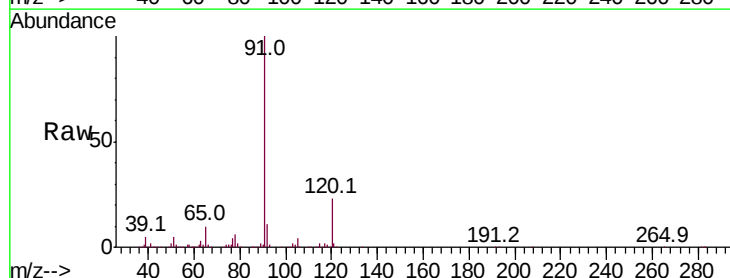
Acq: 13 Sep 2018 19:41

Tgt Ion: 91 Resp: 302268

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.9

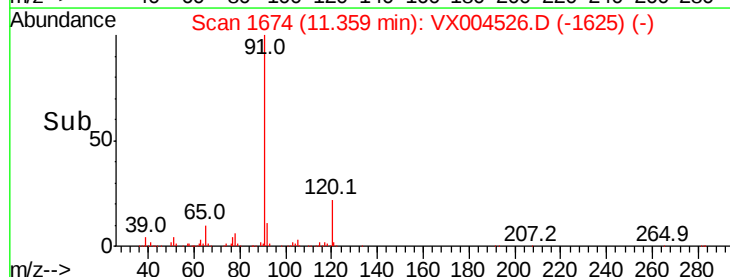


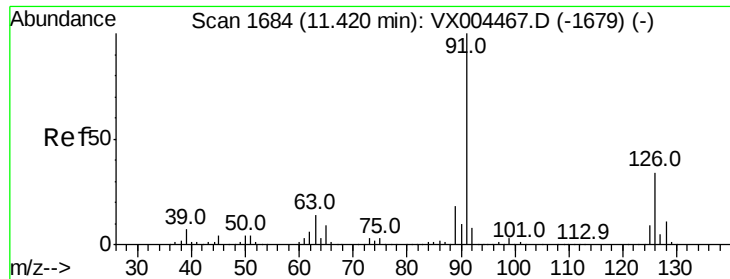
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

Time-->





#79

2-Chlorotoluene

Concen: 20.397 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 91 Resp: 181627

Ion Ratio Lower Upper

91 100

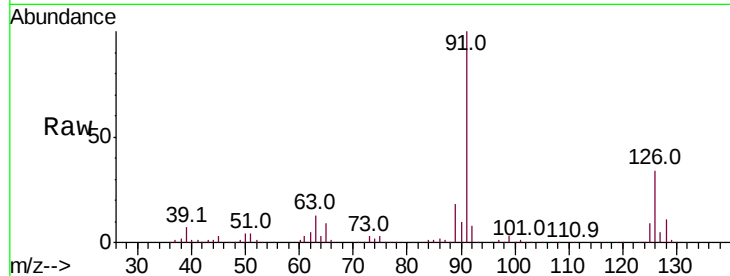
126 35.1 17.9 53.7

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Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX004467.D (-1679) (-)

250000

200000

150000

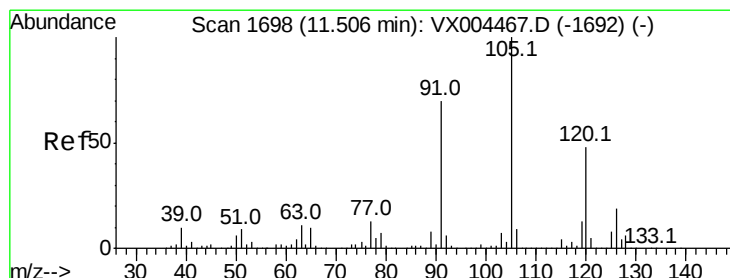
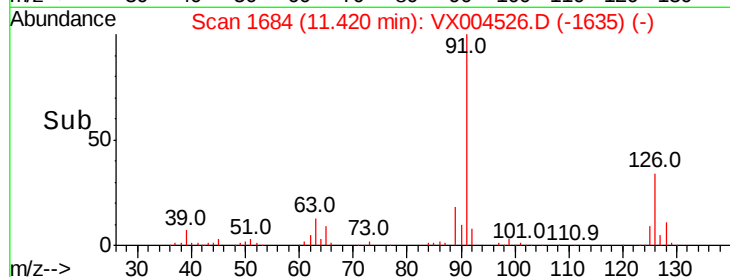
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004526.D

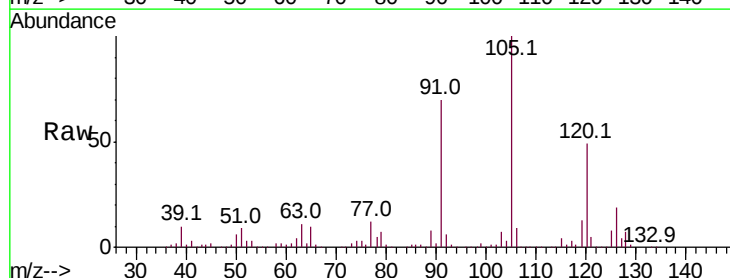
Acq: 13 Sep 2018 19:41

Tgt Ion: 105 Resp: 221472

Ion Ratio Lower Upper

105 100

120 50.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004467.D (-1692) (-)

200000

150000

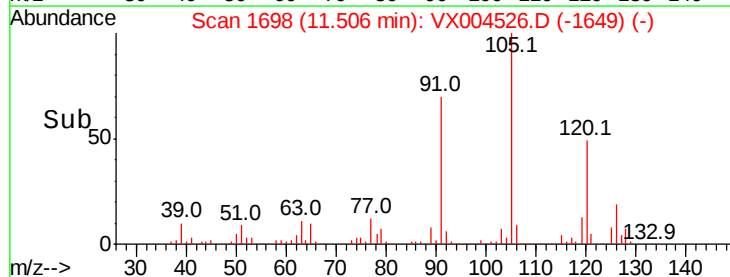
100000

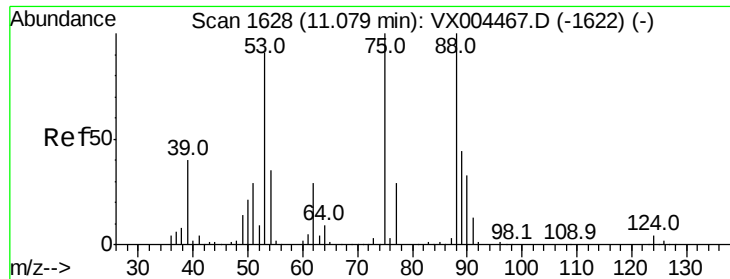
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.551 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion: 75 Resp: 22702

Ion Ratio Lower Upper

75 100

53 101.2 80.1 120.1

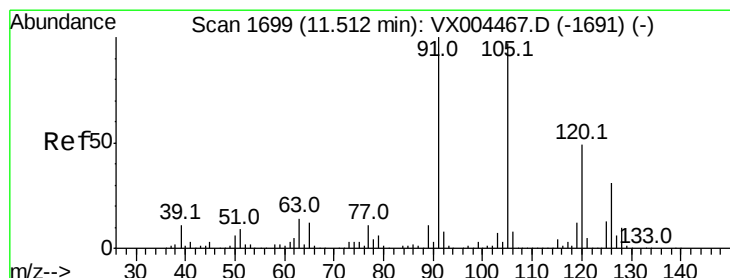
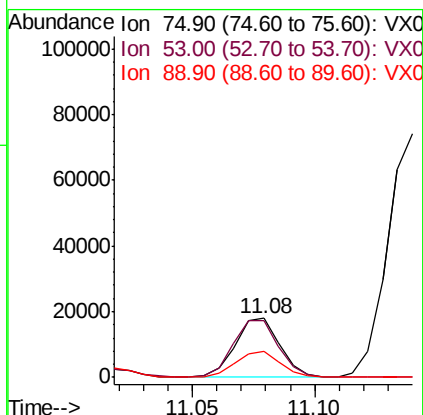
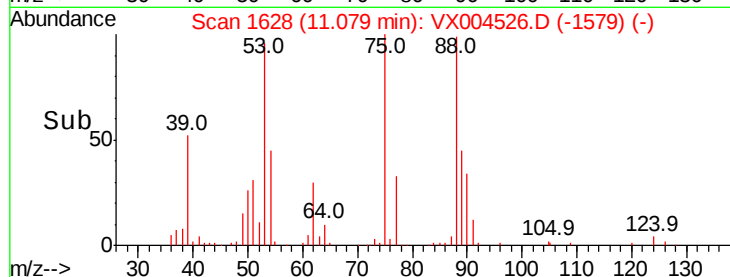
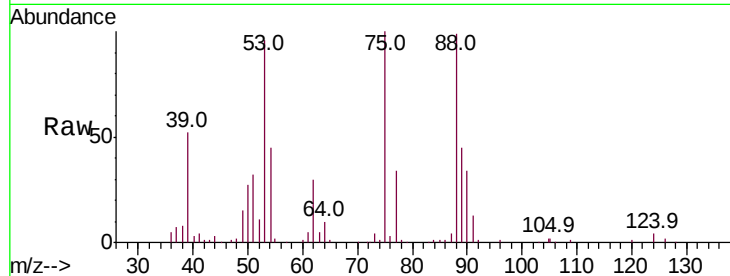
89 45.1 37.2 55.8

Manual Integrations

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#82

4-Chlorotoluene

Concen: 20.226 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004526.D

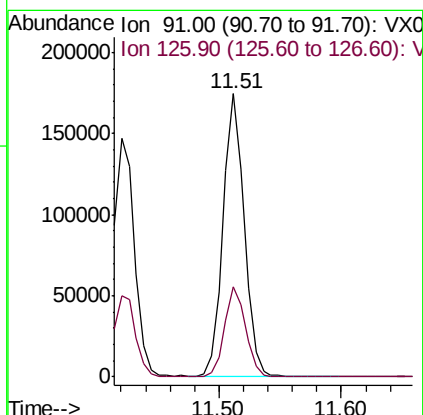
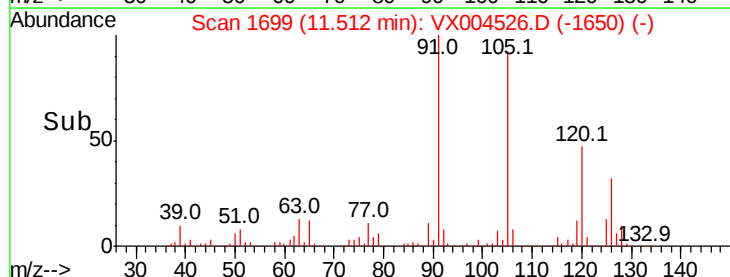
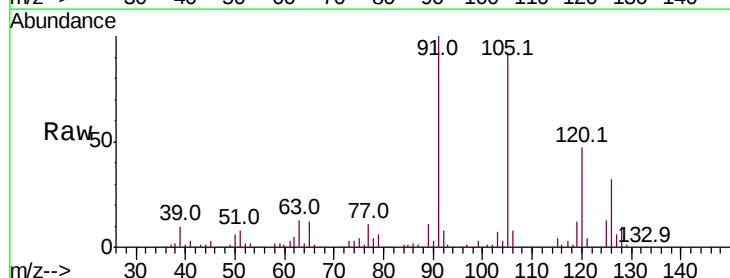
Acq: 13 Sep 2018 19:41

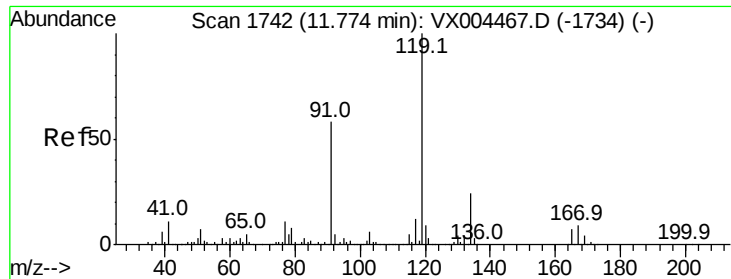
Tgt Ion: 91 Resp: 210207

Ion Ratio Lower Upper

91 100

126 31.4 15.5 46.5





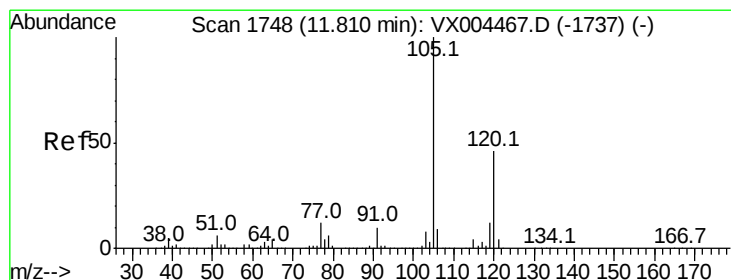
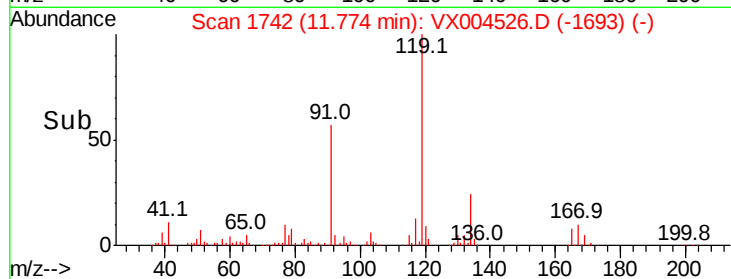
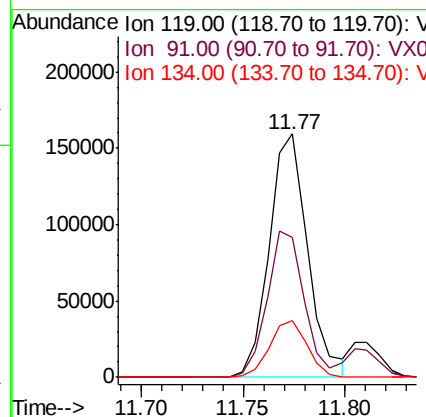
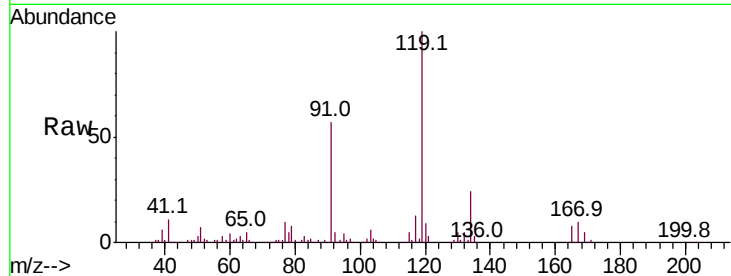
#83
tert-Butylbenzene
Concen: 20.537 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	209882		
91	57.5		27.0	81.0
134	23.1		11.7	35.1

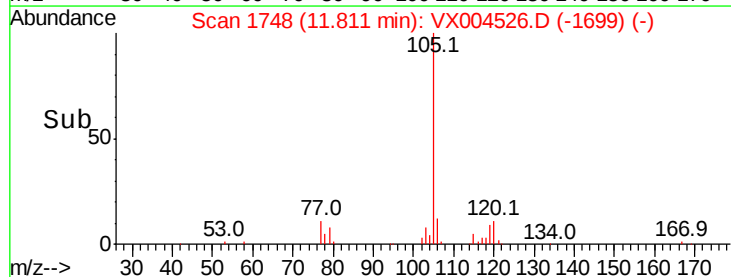
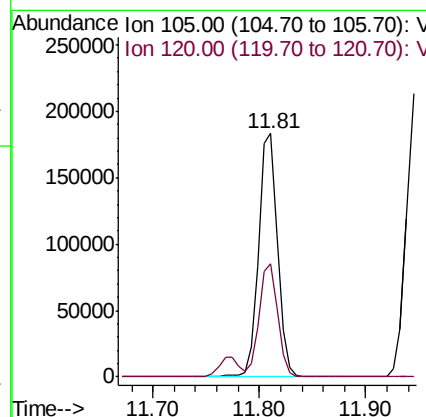
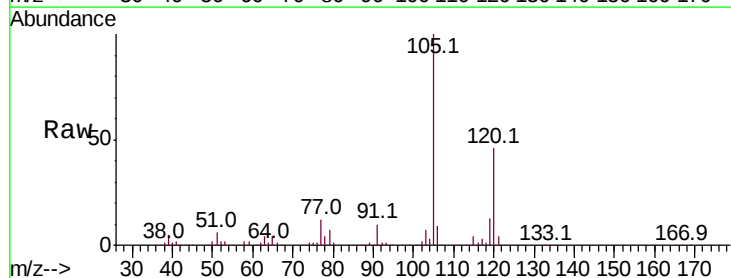
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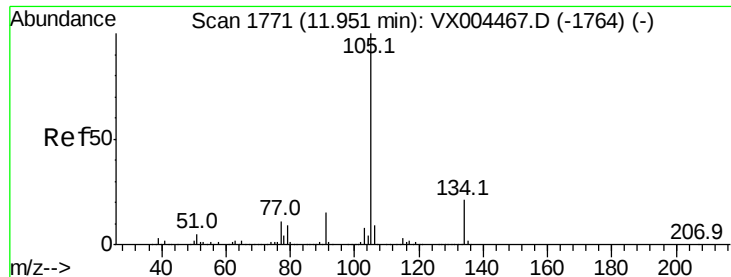
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.918 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229252		
120	45.5		23.2	69.6





#85

sec-Butylbenzene

Concen: 20.651 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

Instrument :

MSVOA_X

ClientSampleId :

VX0913WBSD01

Tot Ion:105 Resp: 268932

Ion Ratio Lower Upper

105 100

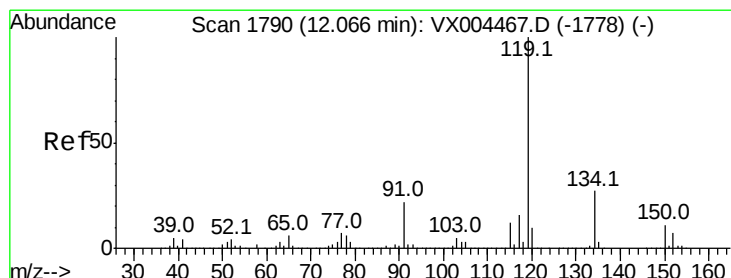
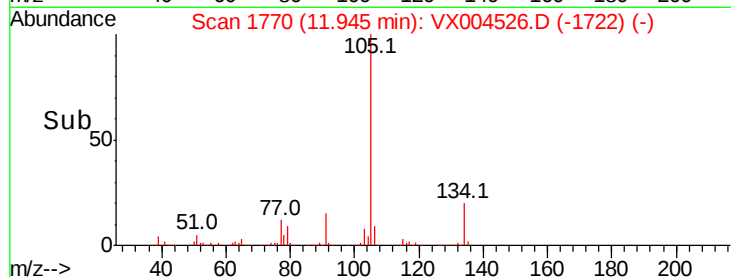
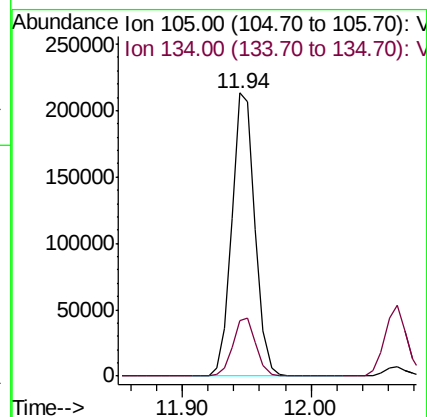
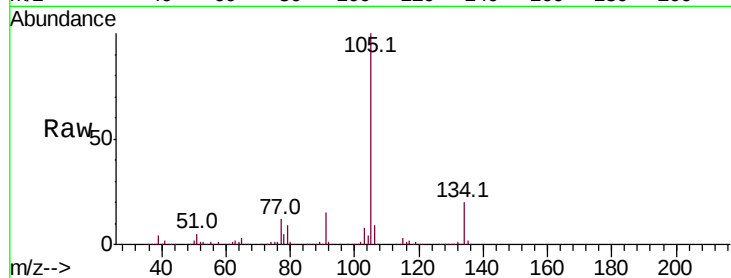
134 20.5 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 20.555 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004526.D

Acq: 13 Sep 2018 19:41

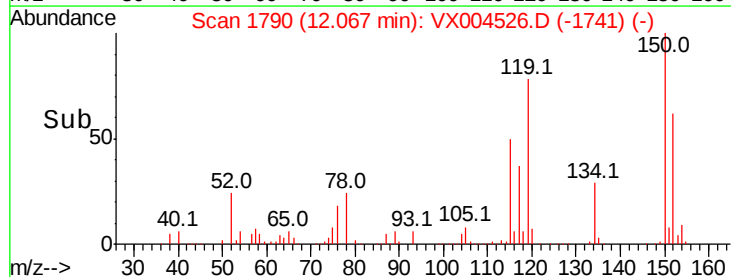
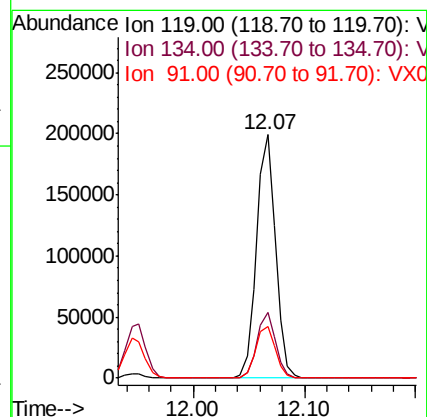
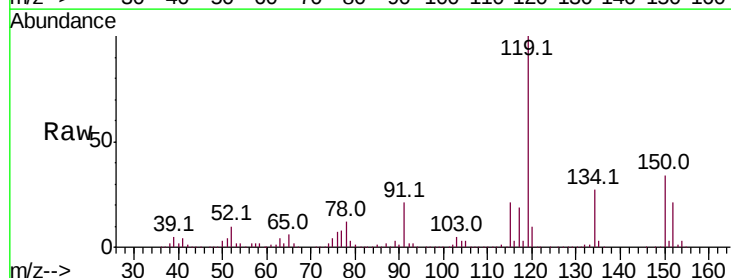
Tgt Ion:119 Resp: 236390

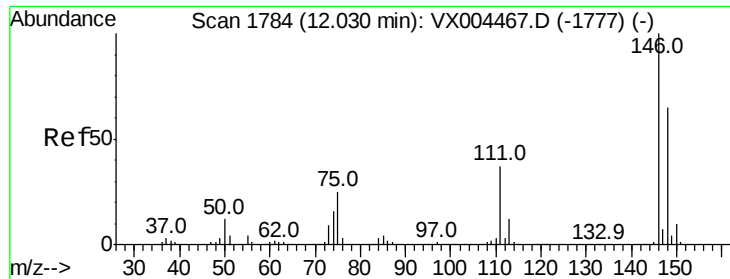
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.2 10.9 32.7





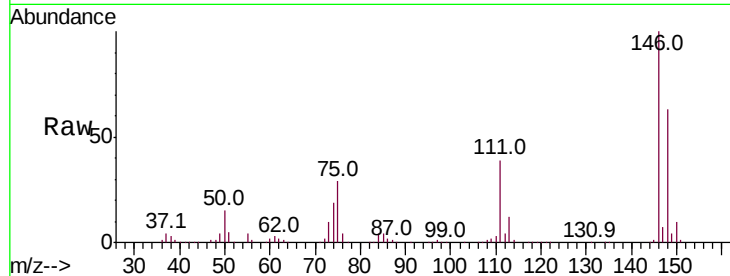
#87
 1,3-Dichlorobenzene
 Concen: 19.814 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.3	32.1	96.5

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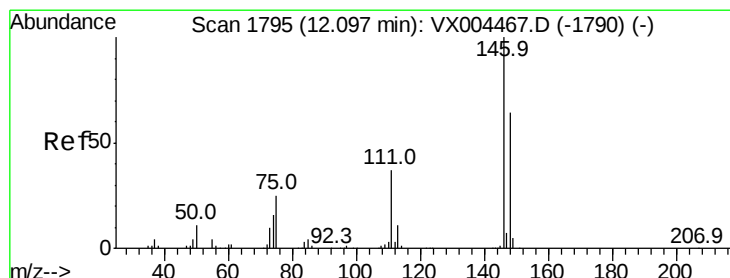
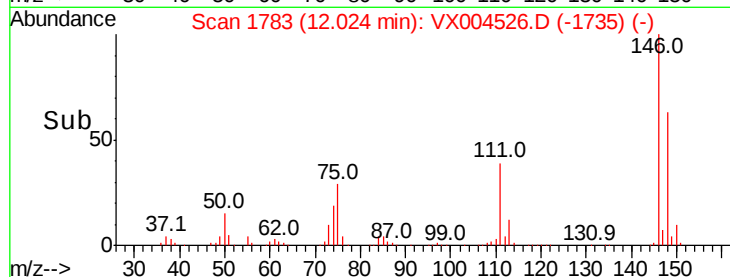
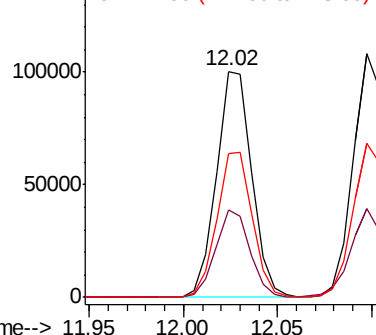


Abundance

Ion 145.90 (145.60 to 146.60): V

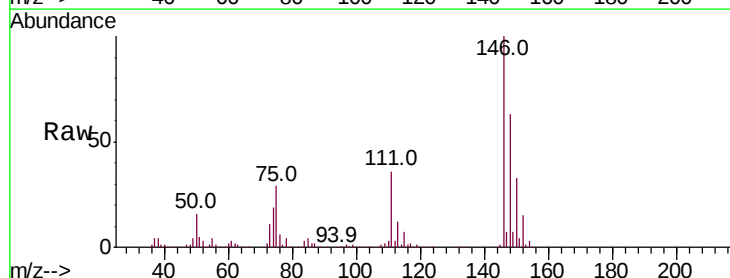
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88
 1,4-Dichlorobenzene
 Concen: 19.543 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	64.2	32.0	96.0

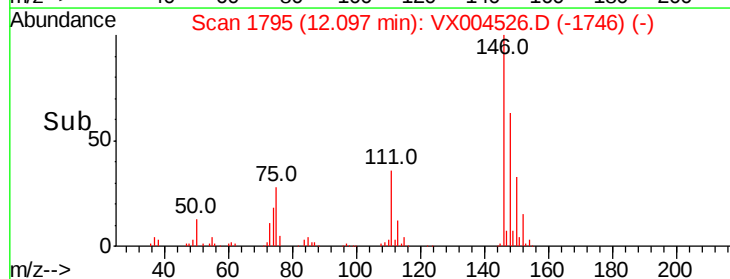
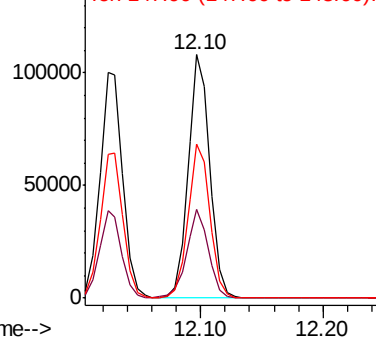


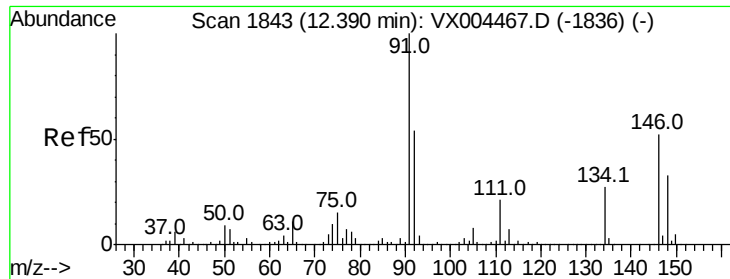
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





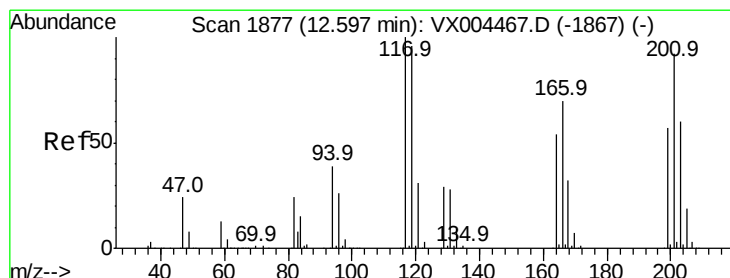
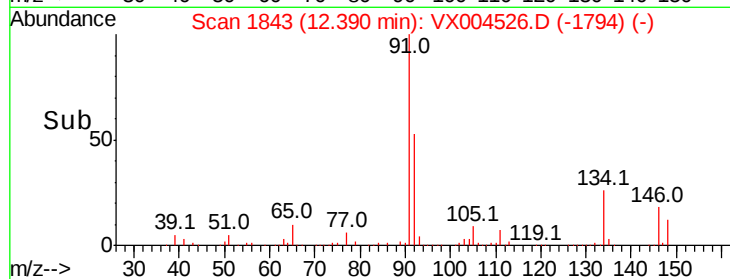
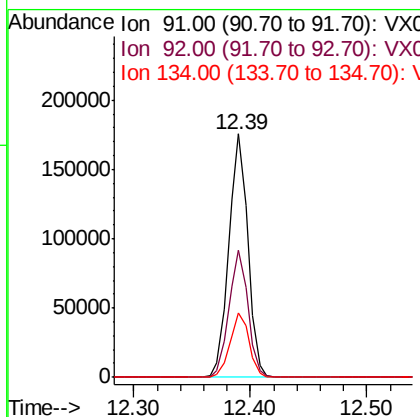
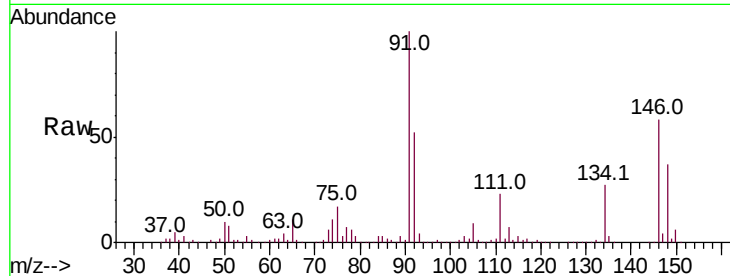
#89
n-Butylbenzene
Concen: 19.115 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	200320		
92	52.1		27.3	81.9
134	26.6		13.6	40.7

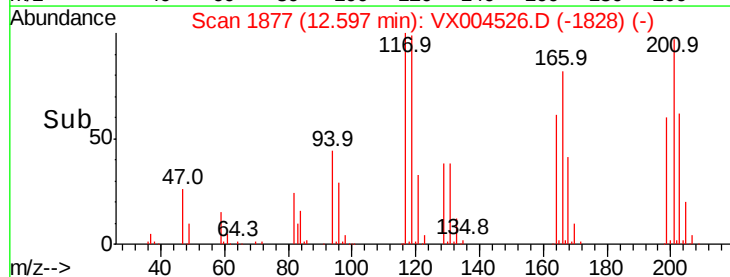
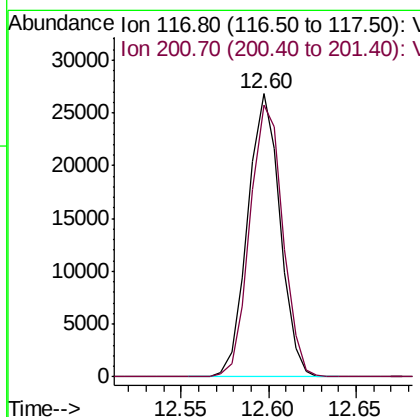
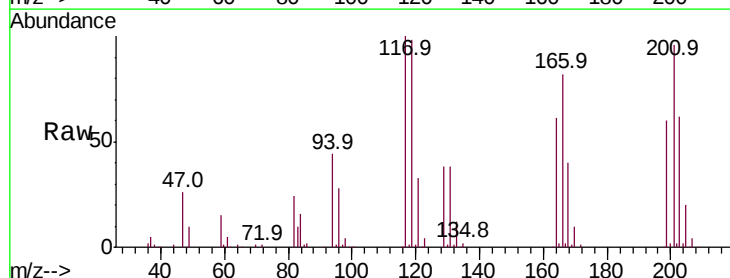
Manual Integrations
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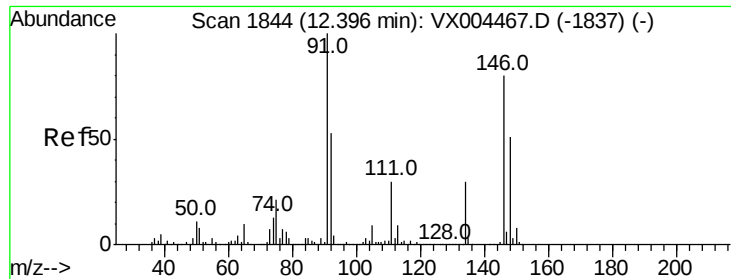
MMDadoda
9/15/2018 11:23:55 AM



#90
Hexachloroethane
Concen: 18.688 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34406		
201	98.0		46.9	140.6





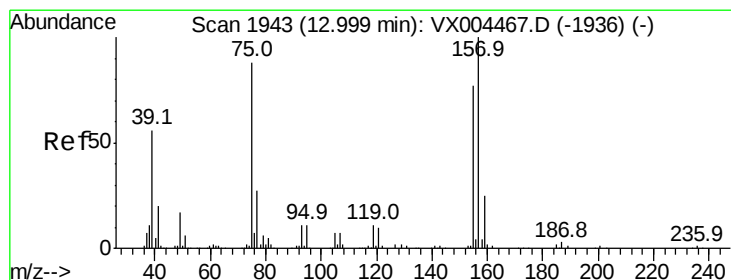
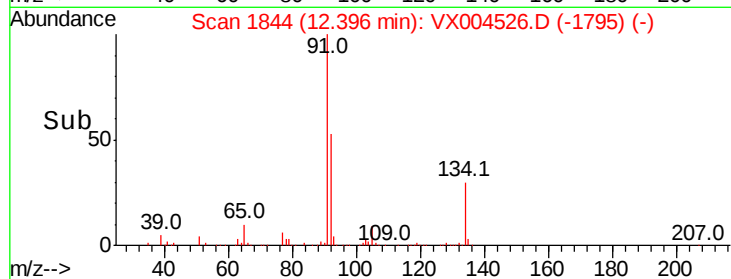
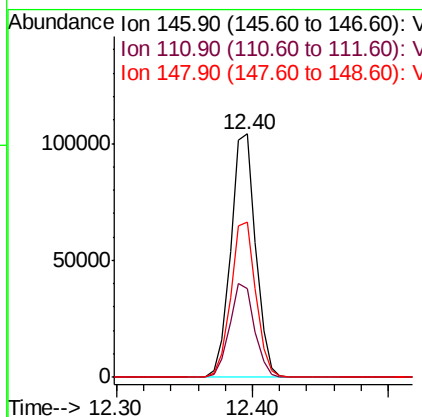
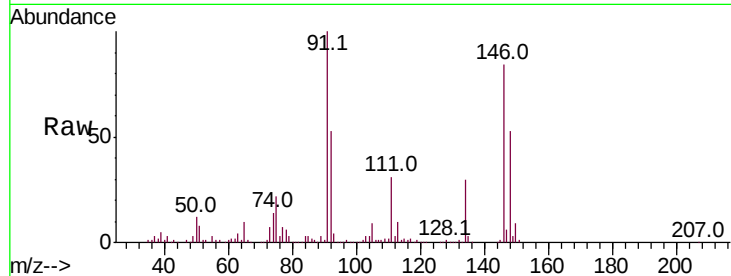
#91
1,2-Dichlorobenzene
Concen: 19.844 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132258		
111	38.4	19.4	58.1	
148	64.0	32.8	98.3	

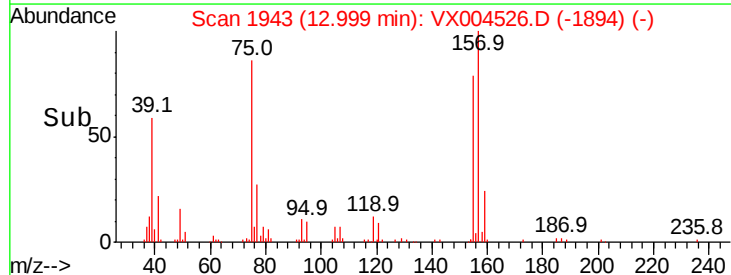
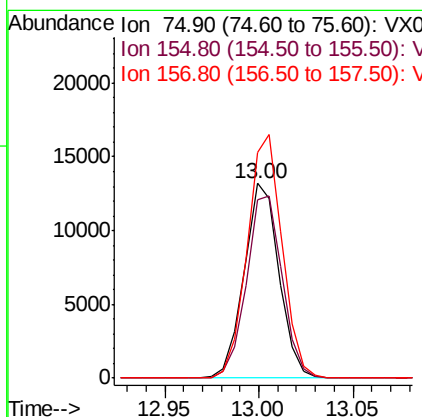
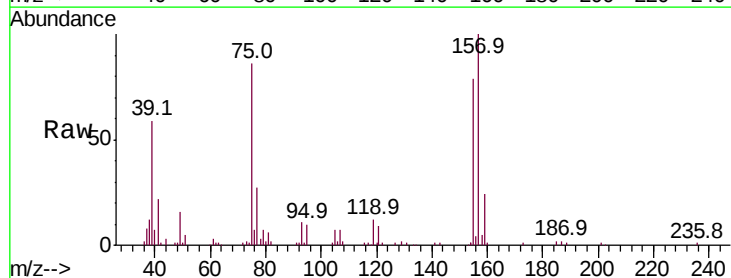
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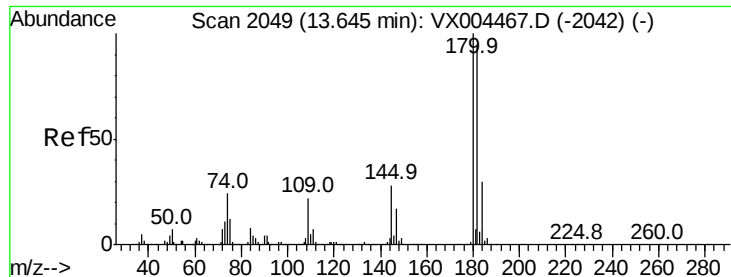
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#92
1,2-Dibromo-3-Chloropropane
Concen: 19.217 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16900		
155	95.6	48.0	144.2	
157	124.7	61.4	184.1	





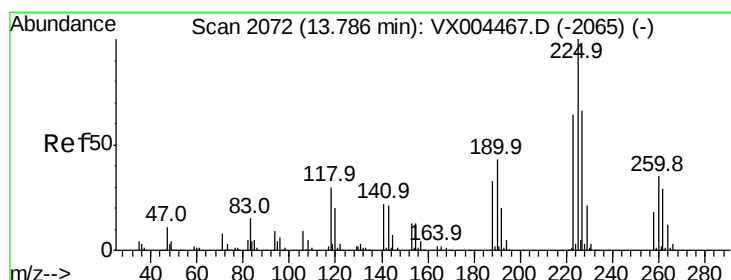
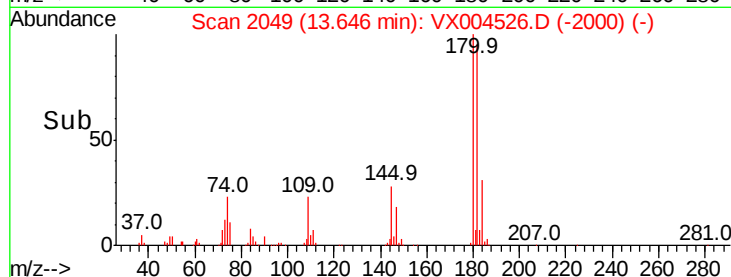
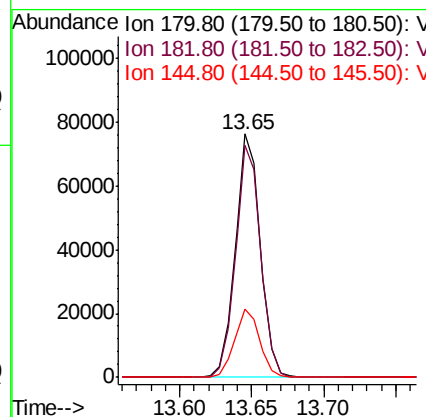
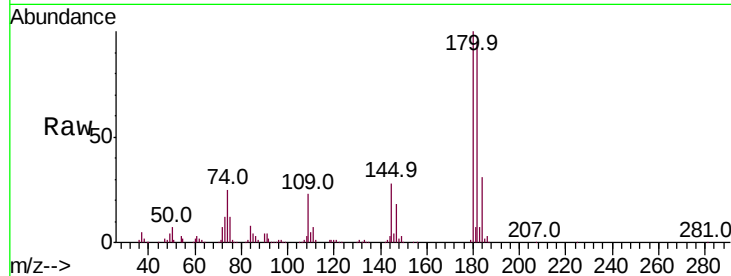
#93
 1,2,4-Trichlorobenzene
 Concen: 19.629 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	48.4	145.0	
145	28.1	14.3	42.9	

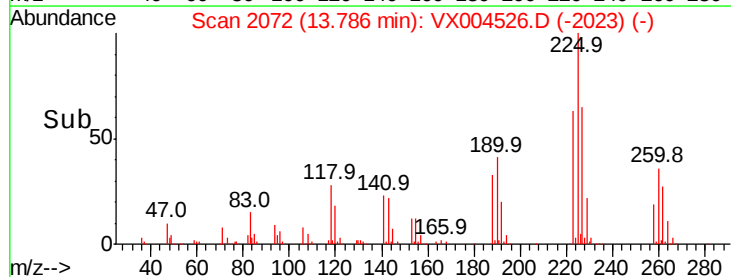
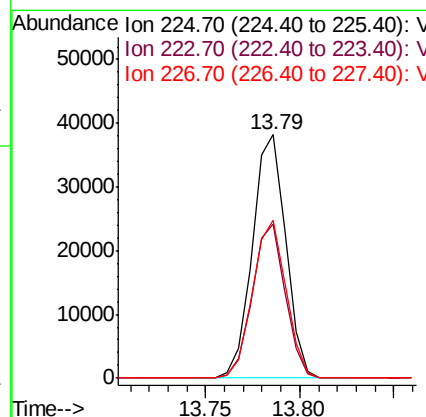
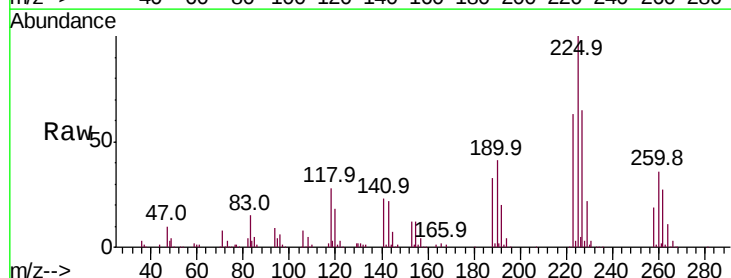
Manual Integrations
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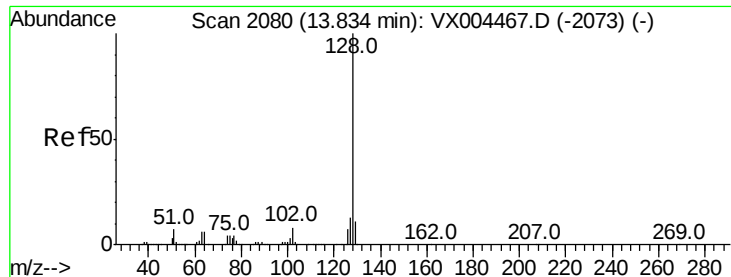
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 9/15/2018 11:23:55 AM



#94
 Hexachlorobutadiene
 Concen: 18.989 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004526.D
 Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	30.1	90.5	
227	64.8	30.8	92.4	





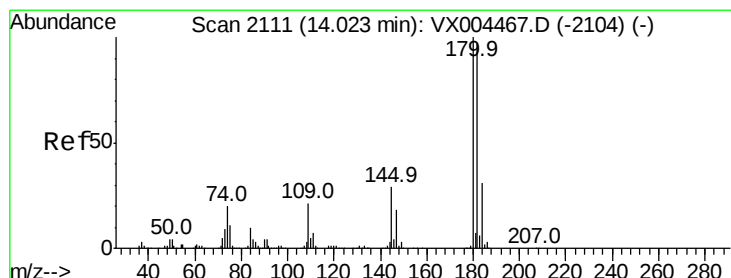
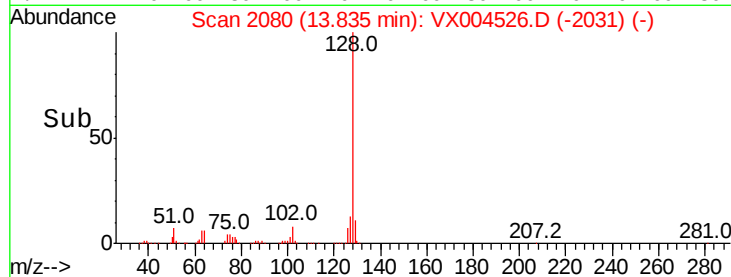
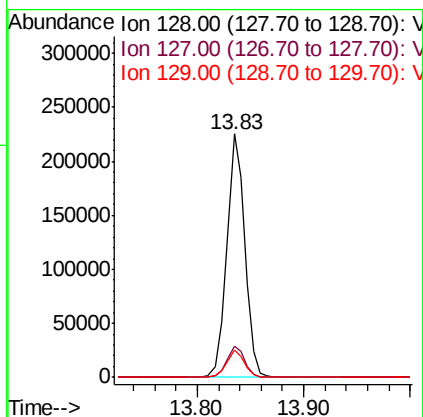
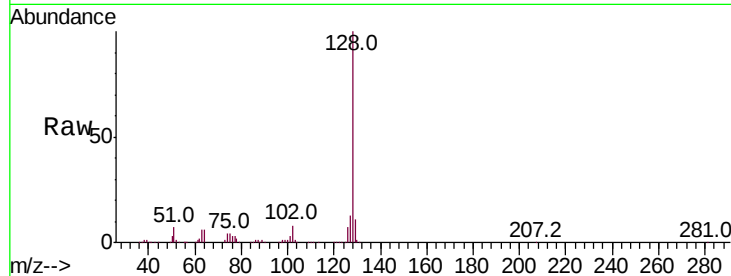
#95
Naphthalene
Concen: 20.192 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Instrument :
MSVOA_X
ClientSampleId :
VX0913WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	267269		
127	12.8		10.2	15.2
129	10.9		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.838 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX004526.D
Acq: 13 Sep 2018 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	96182		
182	95.5		48.5	145.6
145	29.7		14.9	44.9

