

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005775.D
 Acq On : 05 Nov 2018 13:51
 Operator : JC/MD
 Sample : VX1105WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:26:58 AM

Quant Time: Nov 06 01:19:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	155453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	236039	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111472	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	100505	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
35) Dibromofluoromethane	5.49	113	78160	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	280502	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.14	95	101282	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36173	20.143	ug/l	95
3) Chloromethane	1.32	50	38973	18.399	ug/l	98
4) Vinyl Chloride	1.41	62	43623	19.795	ug/l	96
5) Bromomethane	1.64	94	35835	13.104	ug/l	96
6) Chloroethane	1.72	64	25747	19.999	ug/l	98
7) Trichlorofluoromethane	1.93	101	52434	18.536	ug/l	96
8) Diethyl Ether	2.19	74	22798	17.930	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32375	18.842	ug/l	92
10) Methyl Iodide	2.51	142	32307	20.508	ug/l	99
11) Tert butyl alcohol	3.06	59	55810	90.422	ug/l	100
12) 1,1-Dichloroethene	2.37	96	29939	17.881	ug/l	86
13) Acrolein	2.29	56	29460	75.642	ug/l	97
14) Allyl chloride	2.73	41	62827	18.147	ug/l	97
15) Acrylonitrile	3.15	53	126471	93.182	ug/l	98
16) Acetone	2.45	43	111004	88.985	ug/l	98
17) Carbon Disulfide	2.57	76	84049	16.336	ug/l	100
18) Methyl Acetate	2.78	43	60211	18.460	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	106562	18.387	ug/l	96
20) Methylene Chloride	2.86	84	36076	18.407	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	31037	17.519	ug/l	88
22) Diisopropyl ether	3.87	45	111941	17.430	ug/l #	85
23) Vinyl Acetate	3.82	43	508239	90.857	ug/l	99
24) 1,1-Dichloroethane	3.69	63	65694	18.090	ug/l	97
25) 2-Butanone	4.70	43	165991	86.580	ug/l	97
26) 2,2-Dichloropropane	4.59	77	48982	18.044	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	35924	18.045	ug/l	99
28) Bromochloromethane	5.01	49	25583	14.440	ug/l	98
29) Tetrahydrofuran	5.15	42	100608	85.976	ug/l	91
30) Chloroform	5.21	83	62408	17.577	ug/l	98
31) Cyclohexane	5.57	56	52231	17.200	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	49888	17.557	ug/l	97
36) 1,1-Dichloropropene	5.79	75	46803	18.611	ug/l	98
37) Ethyl Acetate	4.85	43	58881	18.352	ug/l	98
38) Carbon Tetrachloride	5.78	117	43459	19.128	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	47211	18.001	ug/l	95
40) Benzene	6.15	78	137800	18.419	ug/l	100
41) Methacrylonitrile	5.06	41	31755	18.318	ug/l	95
42) 1,2-Dichloroethane	6.20	62	49906	18.047	ug/l	100
43) Isopropyl Acetate	6.46	43	85154	18.286	ug/l	98
44) Trichloroethene	7.21	130	33083	19.119	ug/l	90
45) 1,2-Dichloropropane	7.52	63	36861	19.226	ug/l	100
46) Dibromomethane	7.66	93	23525	19.200	ug/l	87
47) Bromodichloromethane	7.90	83	42985	18.703	ug/l	98
48) Methyl methacrylate	7.77	41	40994	18.189	ug/l	97
49) 1,4-Dioxane	7.75	88	17704	352.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	294137	92.635	ug/l	98
52) Toluene	8.78	92	79669	19.687	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	46142	18.525	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	51157	19.170	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	33213	18.899	ug/l	99
56) Ethyl methacrylate	9.18	69	47489	17.603	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56454	18.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145422	92.616	ug/l	95
59) 2-Hexanone	9.49	43	230677	89.271	ug/l	97
60) Dibromochloromethane	9.59	129	31303	18.433	ug/l	100
61) 1,2-Dibromoethane	9.67	107	33473	18.692	ug/l	98
64) Tetrachloroethene	9.34	164	30866	19.653	ug/l	95
65) Chlorobenzene	10.14	112	84813	18.566	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	30021	19.197	ug/l	97
67) Ethyl Benzene	10.25	91	145893	18.713	ug/l	97
68) m/p-Xylenes	10.36	106	110633	38.189	ug/l	97
69) o-Xylene	10.70	106	51833	18.707	ug/l	96
70) Styrene	10.71	104	88716	19.278	ug/l	98
71) Bromoform	10.86	173	22946	18.110	ug/l #	98
73) Isopropylbenzene	11.02	105	144308	19.623	ug/l	100
74) N-amyl acetate	10.90	43	69733	17.810	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	56191	18.417	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	53425m	19.243	ug/l	
77) Bromobenzene	11.26	156	36201	19.843	ug/l	88
78) n-propylbenzene	11.36	91	174650	19.522	ug/l	96
79) 2-Chlorotoluene	11.42	91	103406	19.352	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	123300	19.746	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15612	18.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	123331	19.333	ug/l	97
83) tert-Butylbenzene	11.77	119	115851	19.444	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	127380	20.201	ug/l	97
85) sec-Butylbenzene	11.94	105	146458	19.163	ug/l	98
86) p-Isopropyltoluene	12.07	119	126846	19.515	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	67124	19.029	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	69252	18.275	ug/l	97
89) n-Butylbenzene	12.39	91	120299	18.343	ug/l	97
90) Hexachloroethane	12.60	117	20769	18.010	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	67588	18.340	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12761	17.832	ug/l	90

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ClientSampleId :
VX1105WBS01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45836	19.393	ug/l	99
94) Hexachlorobutadiene	13.78	225	22068	19.300	ug/l	100
95) Naphthalene	13.83	128	149914	19.286	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	47970	19.936	ug/l	98

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

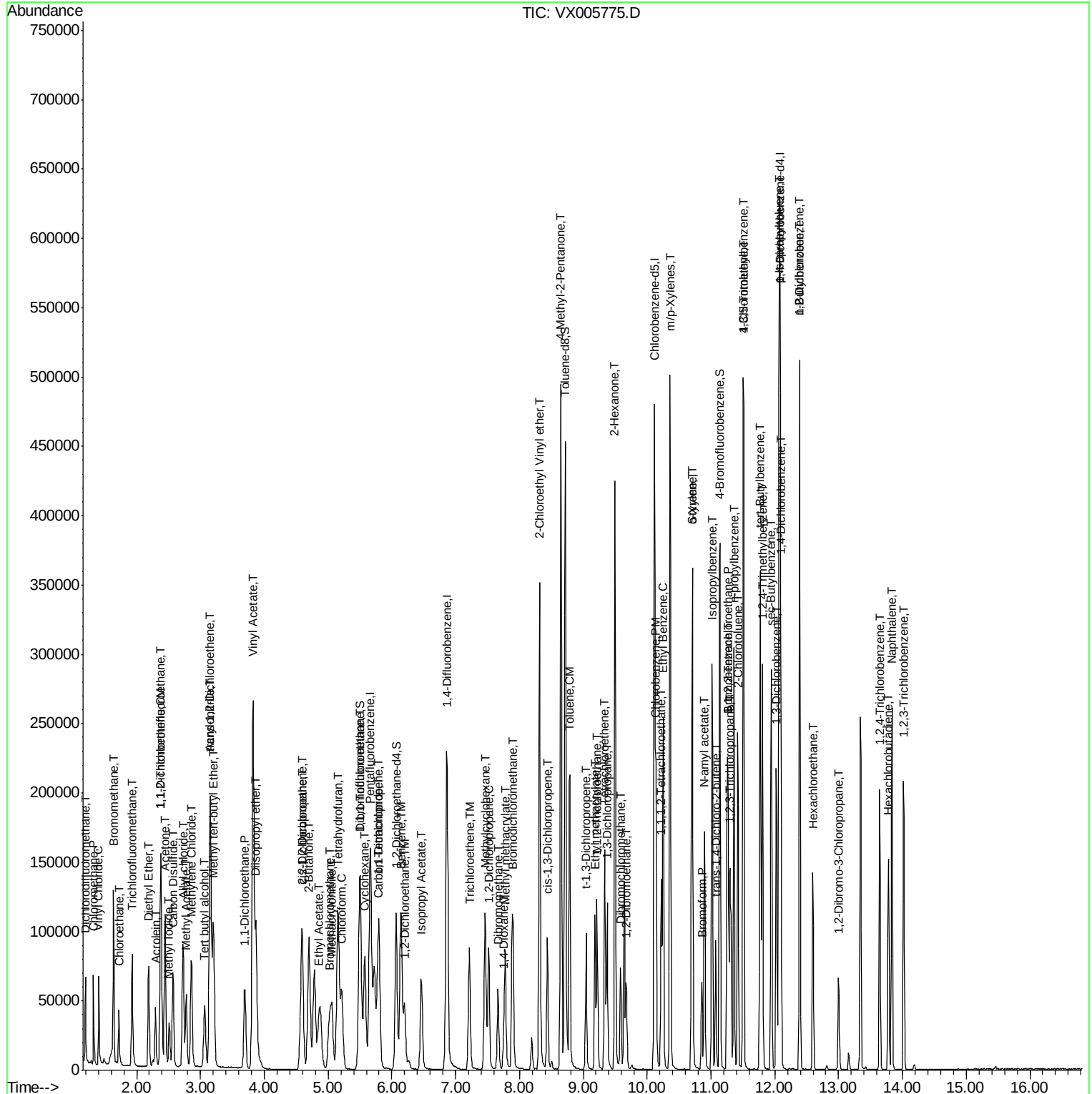
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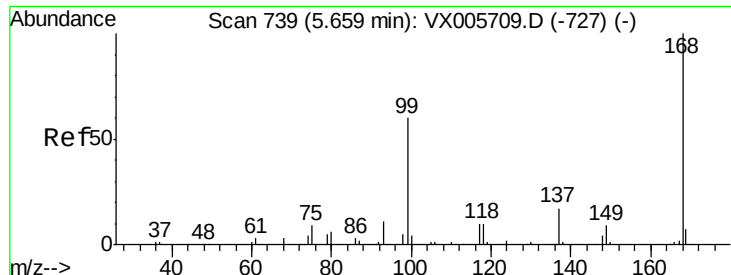
Instrument :
MSVOA_X
Client Sample Id :
VX1105WBS01

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion:168 Resp: 155453

Ion Ratio Lower Upper

168 100

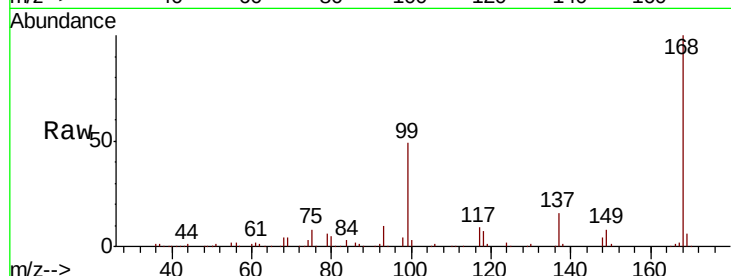
99 48.6 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

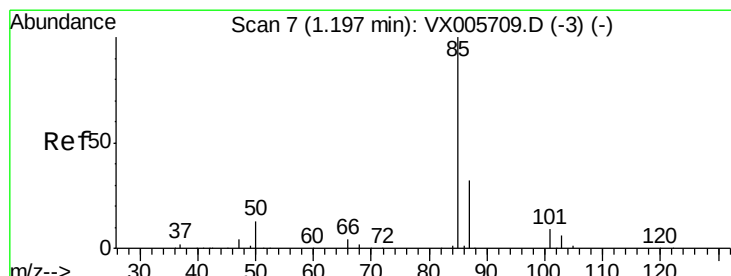
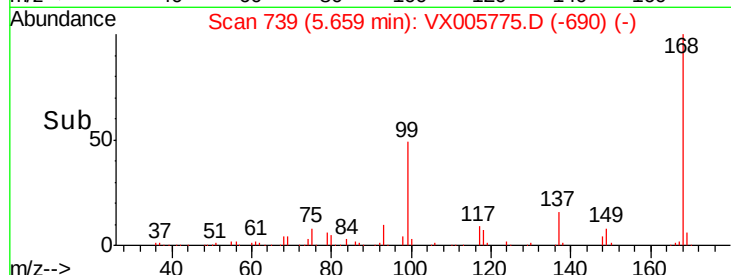
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.143 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005775.D

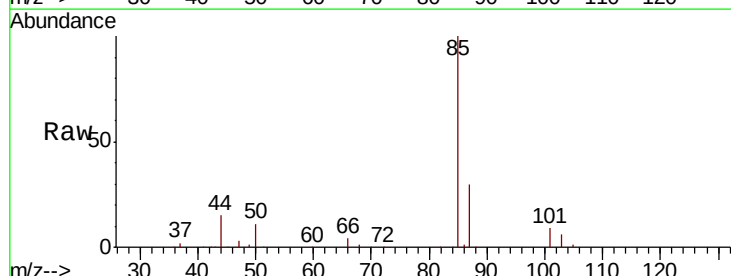
Acq: 05 Nov 2018 13:51

Tgt Ion: 85 Resp: 36173

Ion Ratio Lower Upper

85 100

87 29.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

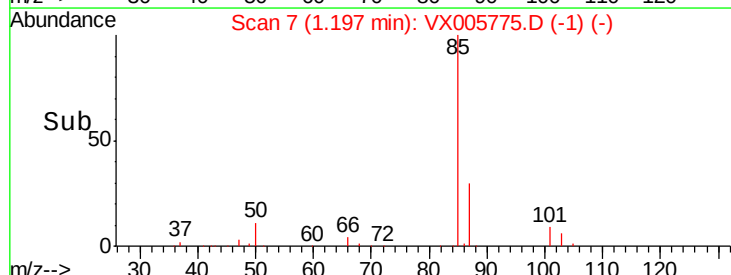
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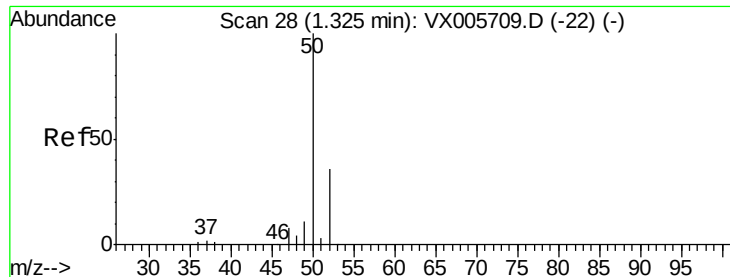
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.399 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 50 Resp: 38973

Ion Ratio Lower Upper

50 100

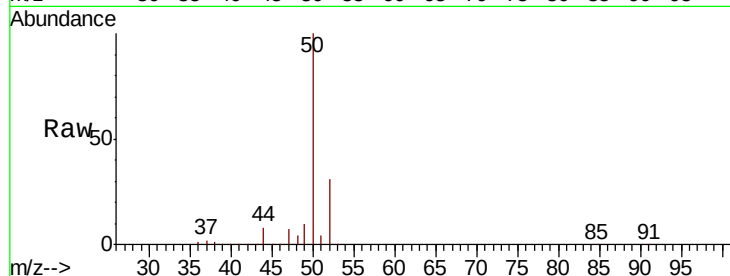
52 31.4 26.2 39.2

Manual Integrations

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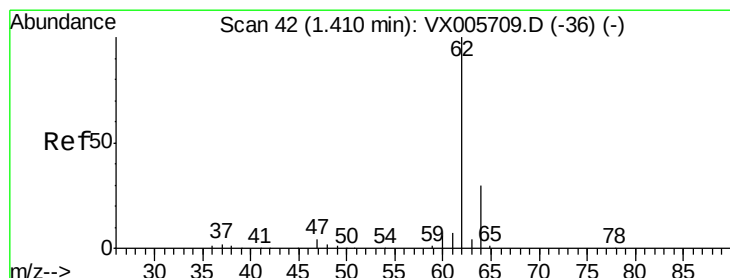
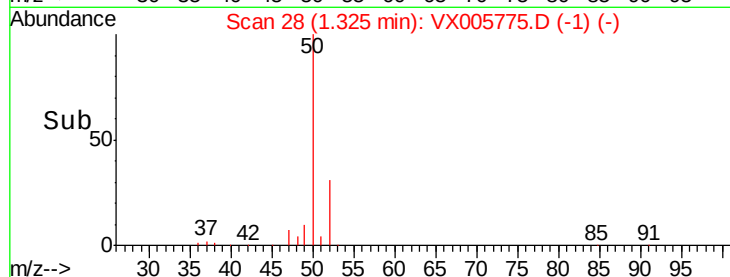
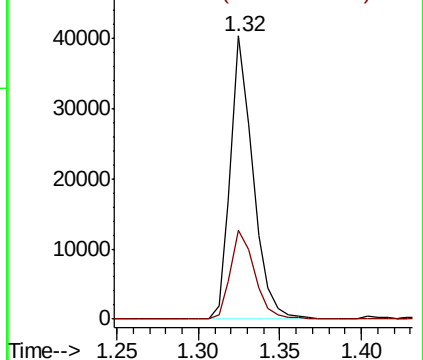
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.795 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX005775.D

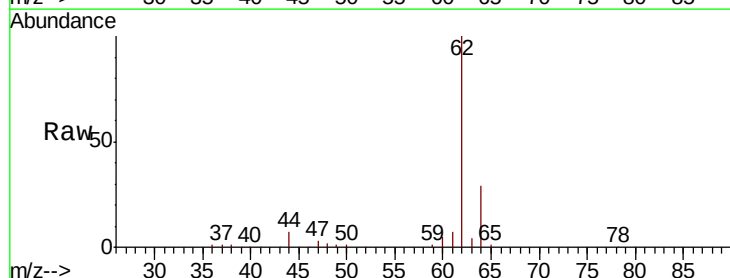
Acq: 05 Nov 2018 13:51

Tgt Ion: 62 Resp: 43623

Ion Ratio Lower Upper

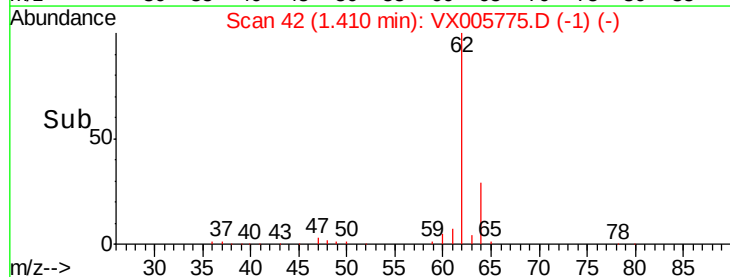
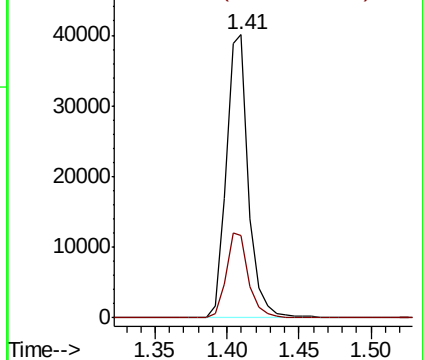
62 100

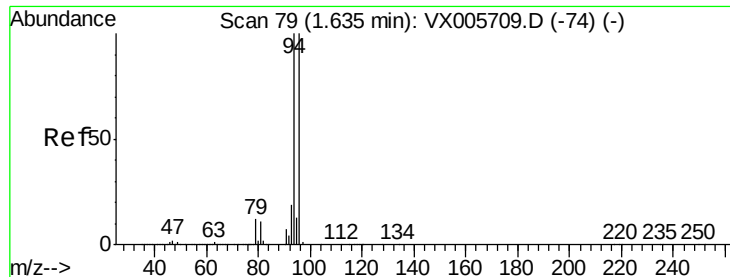
64 29.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.104 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 94 Resp: 35835

Ion Ratio Lower Upper

94 100

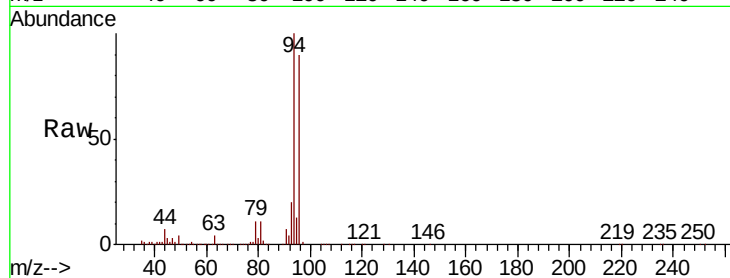
96 90.4 75.2 112.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

50000

40000

30000

20000

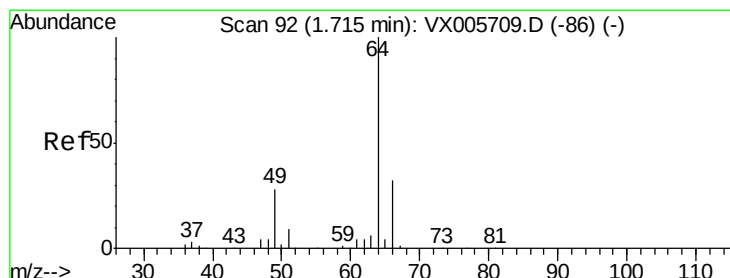
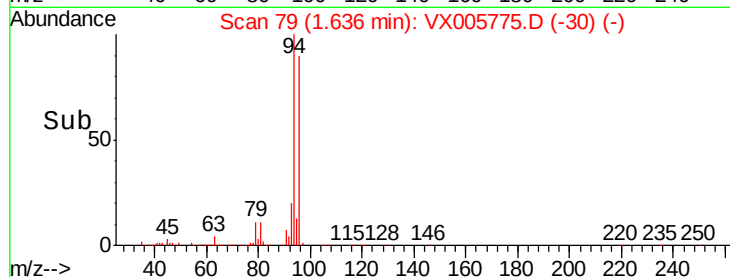
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0

1.64

1.50 1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.999 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005775.D

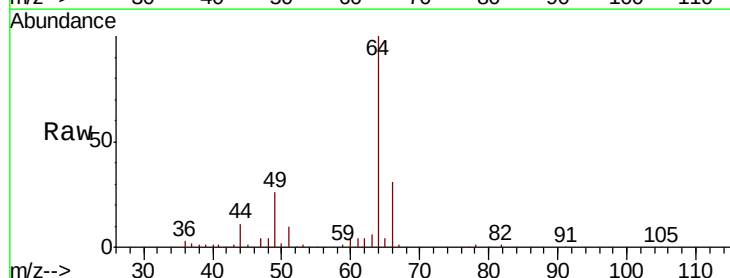
Acq: 05 Nov 2018 13:51

Tgt Ion: 64 Resp: 25747

Ion Ratio Lower Upper

64 100

66 31.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

10000

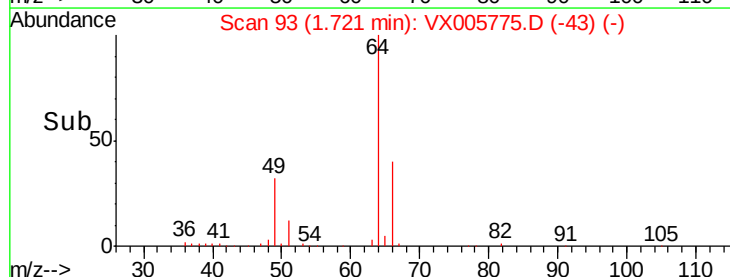
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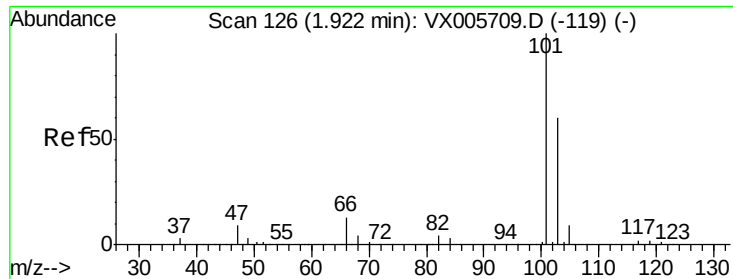
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1.72

1.60 1.70 1.80

Time-->





#7

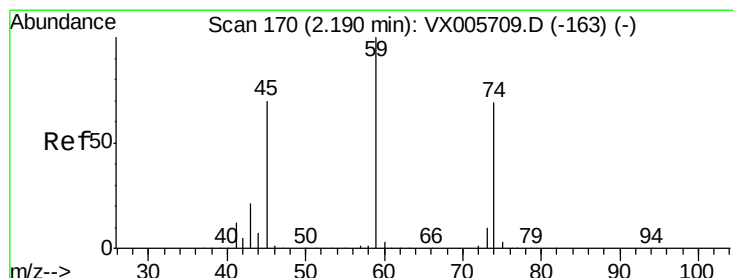
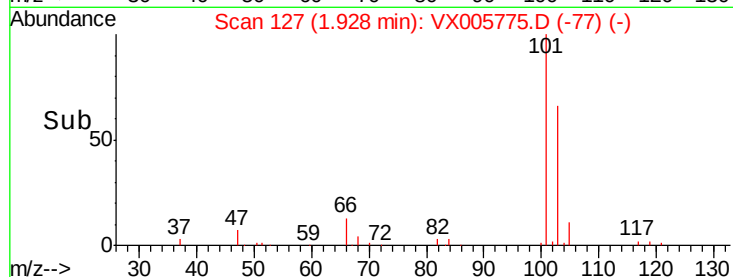
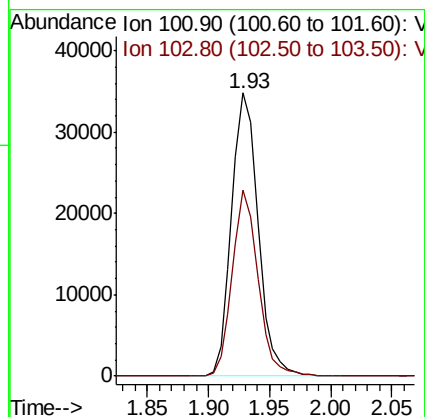
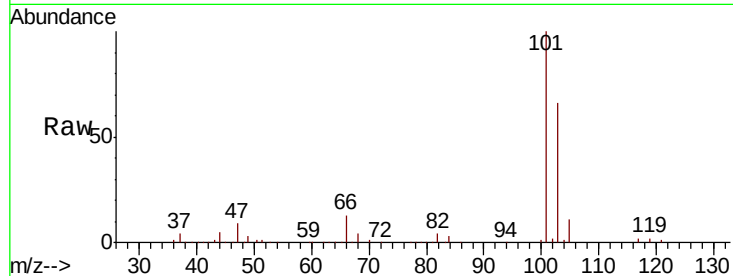
Trichlorofluoromethane
 Concen: 18.536 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.0	75.0

Manual Integrations
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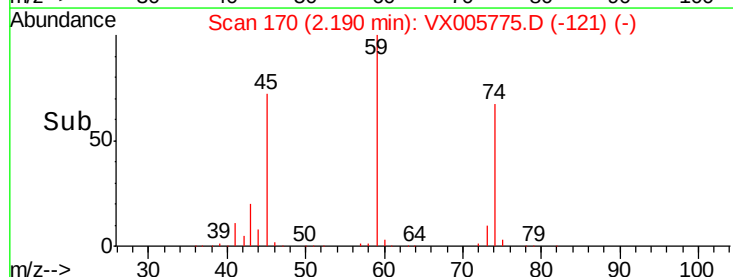
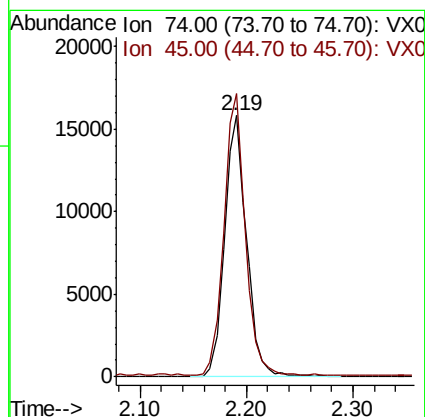
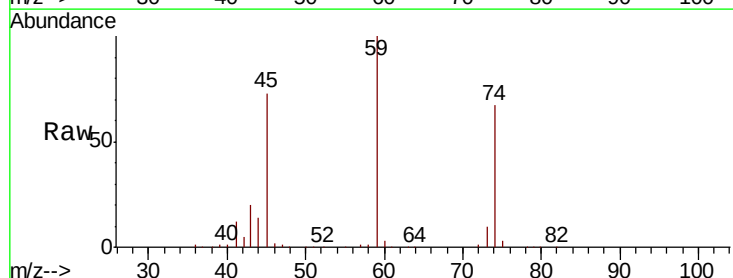
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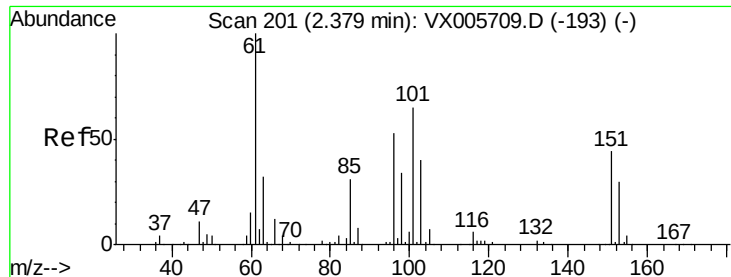


#8

Diethyl Ether
 Concen: 17.930 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.5	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.842 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

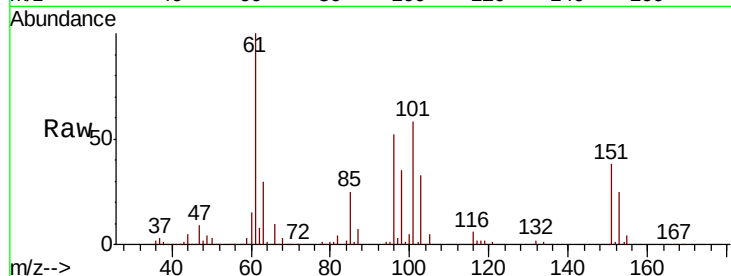
ClientSampleId :

VX1105WBS01

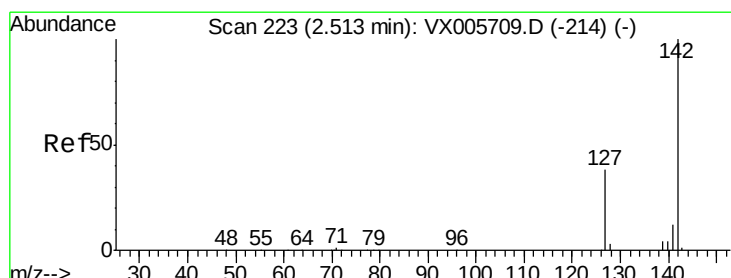
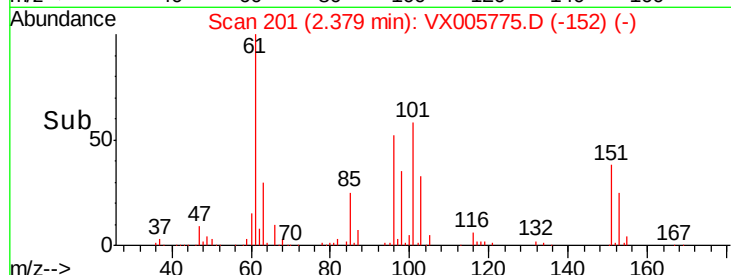
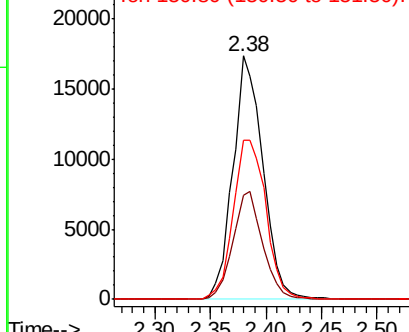
Tot Ion:	101	Resp:	32375
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.0	52.4
151	71.7	66.2	99.2

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



#10

Methyl Iodide

Concen: 20.508 ug/l

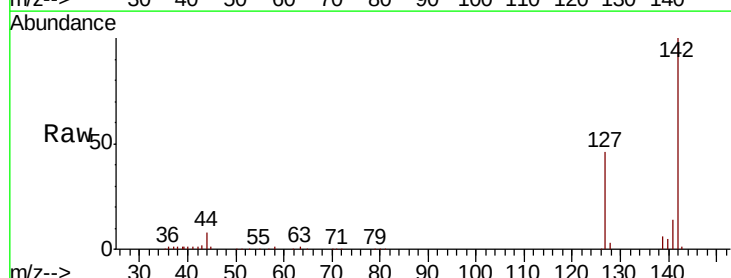
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

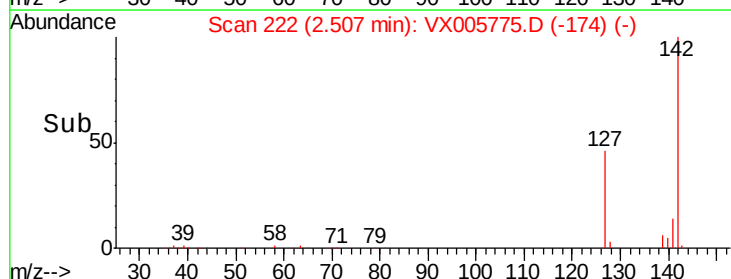
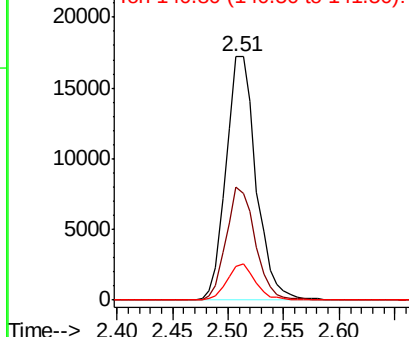
Lab File: VX005775.D

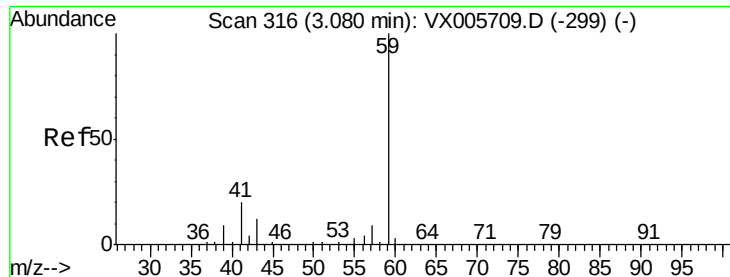
Acq: 05 Nov 2018 13:51

Tgt Ion:	142	Resp:	32307
Ion Ratio	Lower	Upper	
142	100		
127	44.6	36.0	54.0
141	13.9	11.7	17.5



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





#11

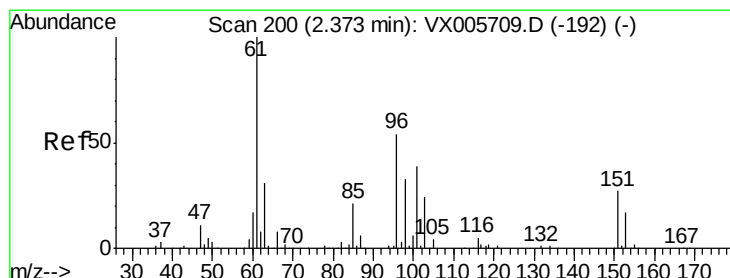
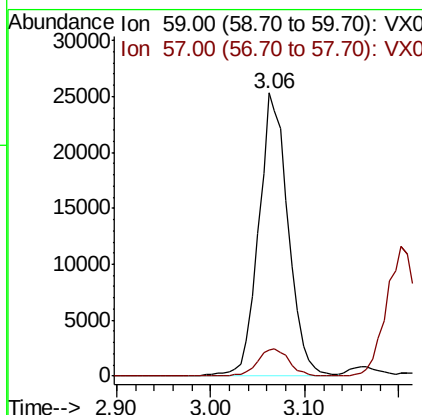
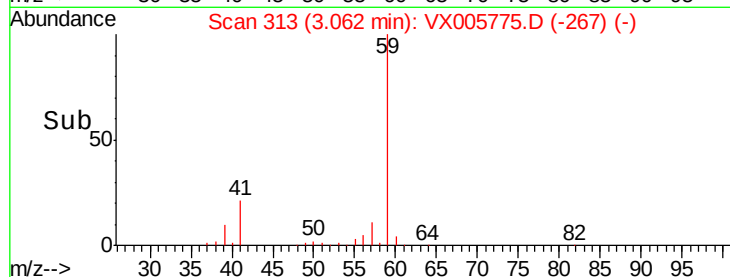
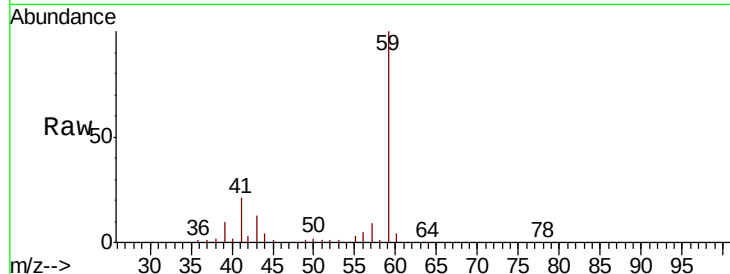
Tert butyl alcohol
 Concen: 90.422 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	55810		
57	10.5		8.5	12.7

Manual Integrations
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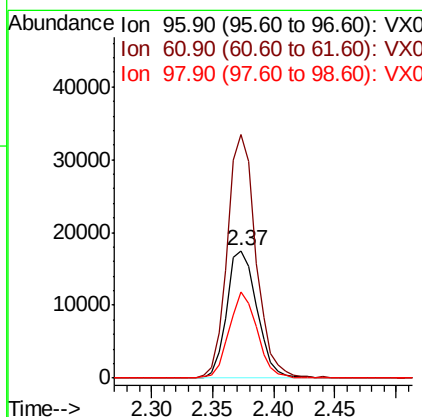
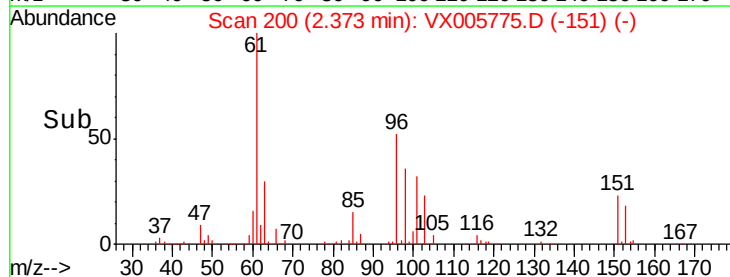
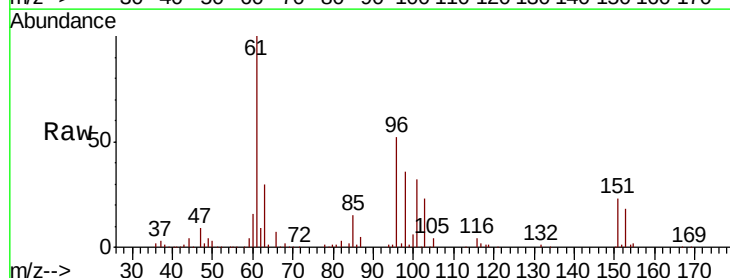
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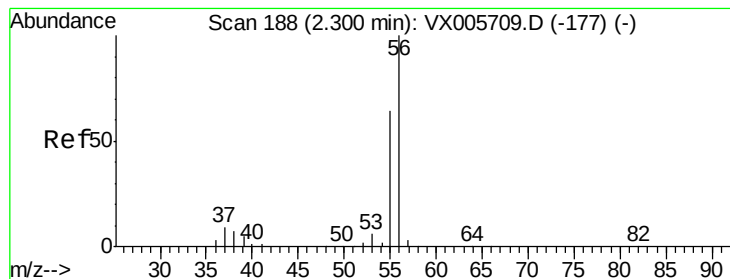


#12

1,1-Dichloroethene
 Concen: 17.881 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	29939		
61	190.6		131.8	197.8
98	67.9		53.4	80.2





#13

Acrolein

Concen: 75.642 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 56 Resp: 29460

Ion Ratio Lower Upper

56 100

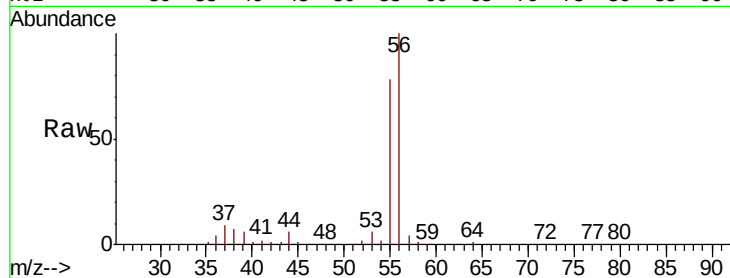
55 73.9 57.3 85.9

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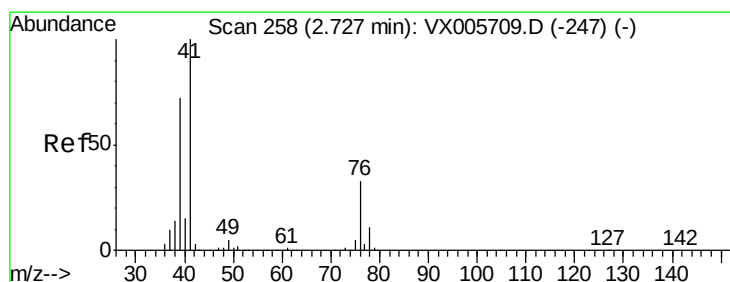
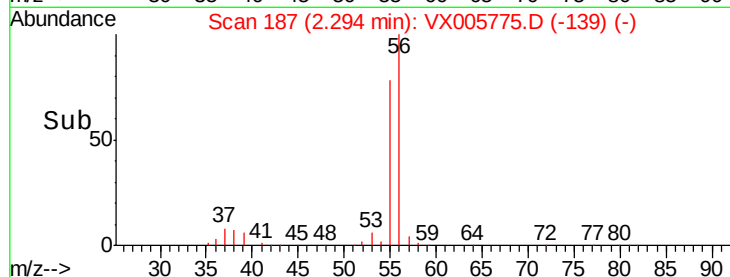
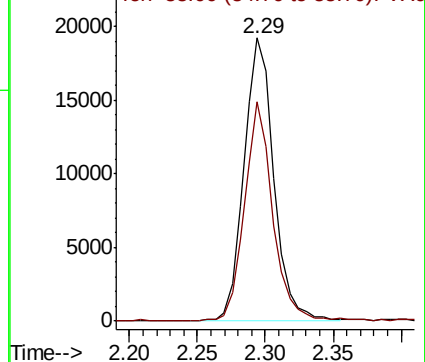
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.147 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

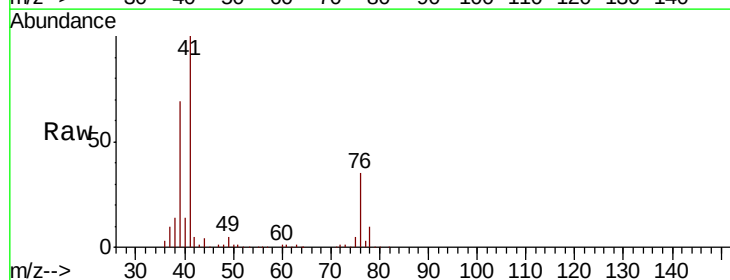
Tgt Ion: 41 Resp: 62827

Ion Ratio Lower Upper

41 100

39 59.2 48.2 72.4

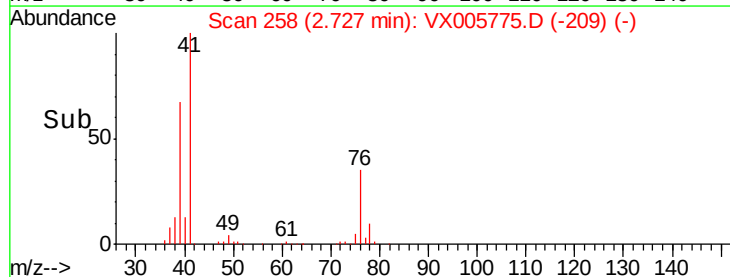
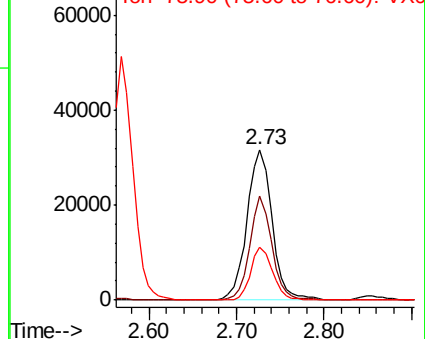
76 30.7 21.9 32.9

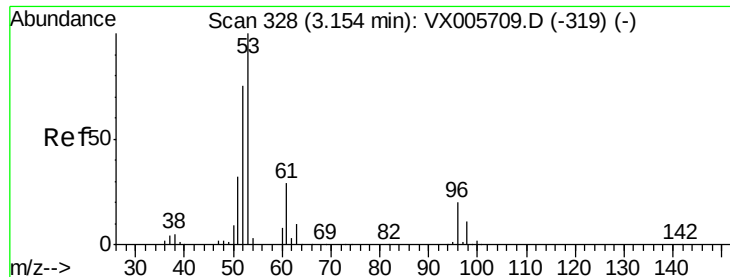


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 93.182 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

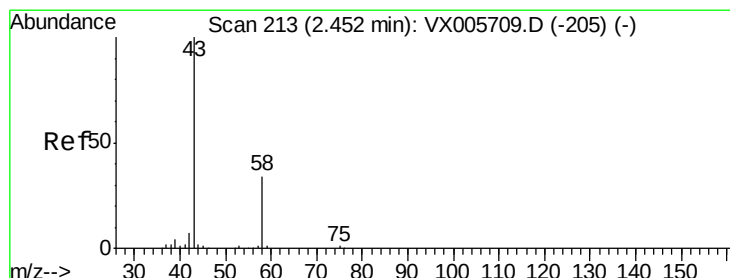
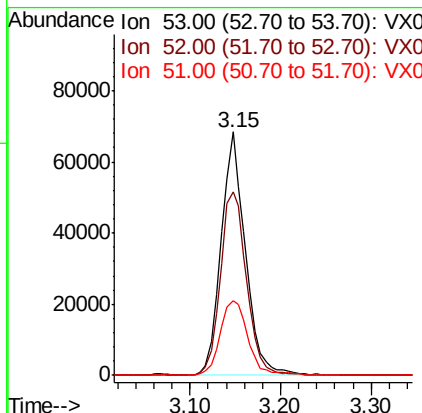
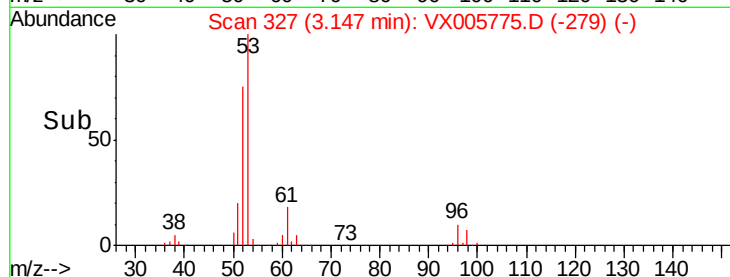
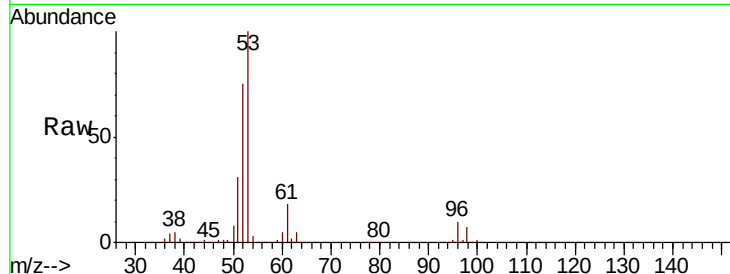
ClientSampleId :

VX1105WBS01

Tot Ion:	53	Resp:	126471
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.6	99.8
51	35.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 88.985 ug/l

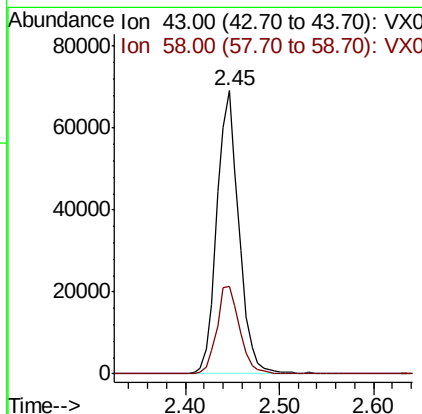
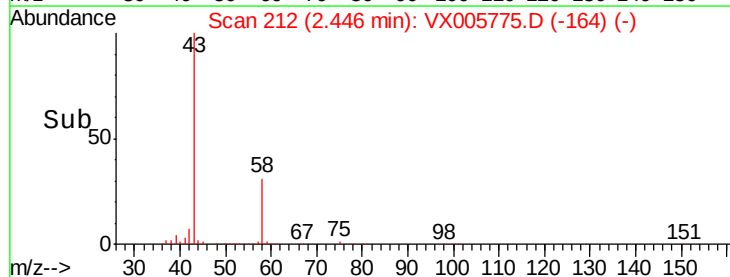
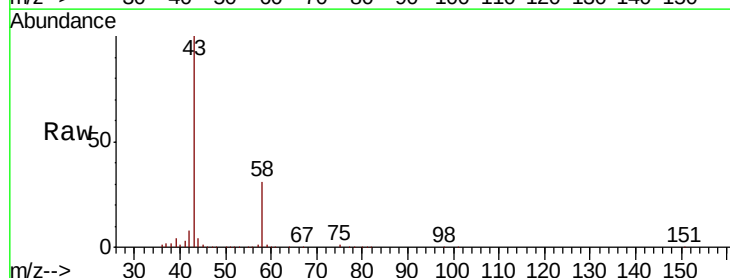
RT: 2.45 min Scan# 212

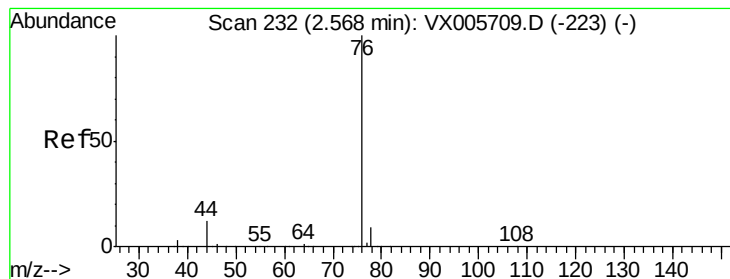
Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	43	Resp:	111004
Ion Ratio	Lower	Upper	
43	100		
58	30.8	23.8	35.6





#17

Carbon Disulfide

Concen: 16.336 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 76 Resp: 84049

Ion Ratio Lower Upper

76 100

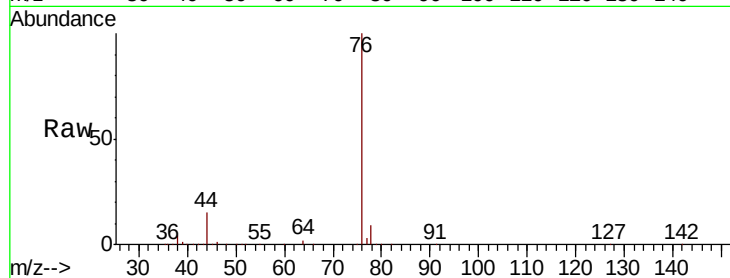
78 9.0 7.3 10.9

Manual Integrations

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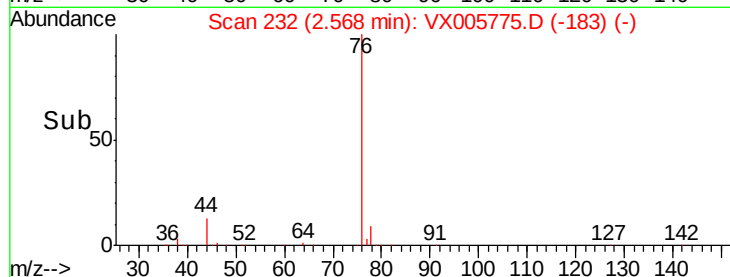


Abundance Ion 75.90 (75.60 to 76.60): VX005709.D (-223) (-)

Ion 77.90 (77.60 to 78.60): VX005709.D (-223) (-)

2.57

Time-->

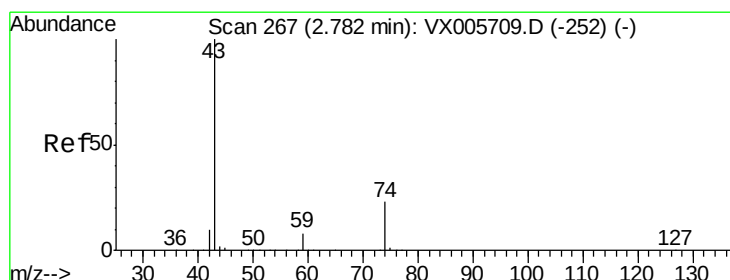


Abundance Ion 75.90 (75.60 to 76.60): VX005775.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX005775.D (-183) (-)

2.57

Time-->



#18

Methyl Acetate

Concen: 18.460 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005775.D

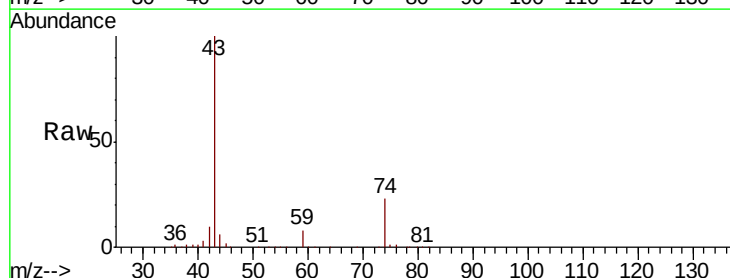
Acq: 05 Nov 2018 13:51

Tgt Ion: 43 Resp: 60211

Ion Ratio Lower Upper

43 100

74 22.5 16.8 25.2

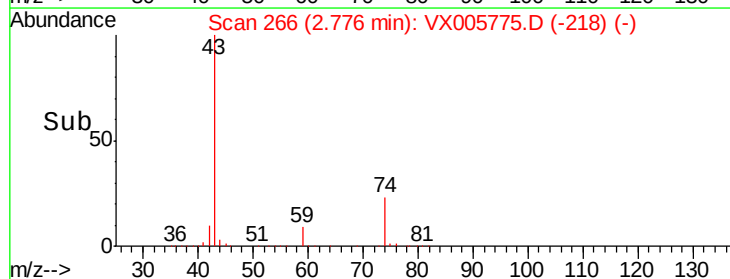


Abundance Ion 43.00 (42.70 to 43.70): VX005709.D (-252) (-)

Ion 74.00 (73.70 to 74.70): VX005709.D (-252) (-)

2.78

Time-->

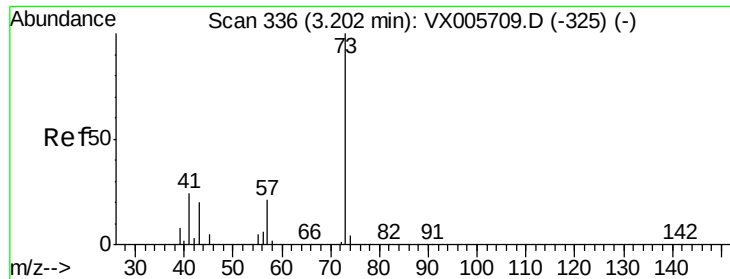


Abundance Ion 43.00 (42.70 to 43.70): VX005775.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX005775.D (-218) (-)

2.78

Time-->



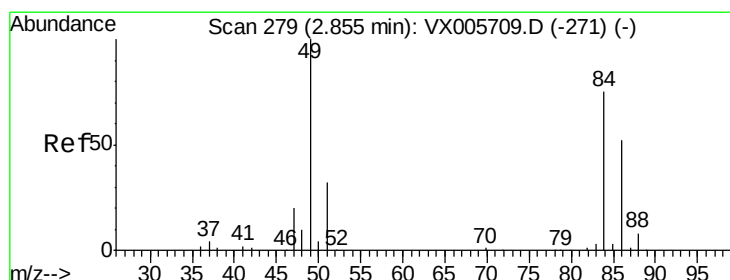
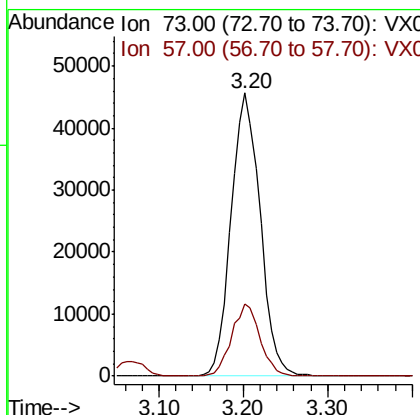
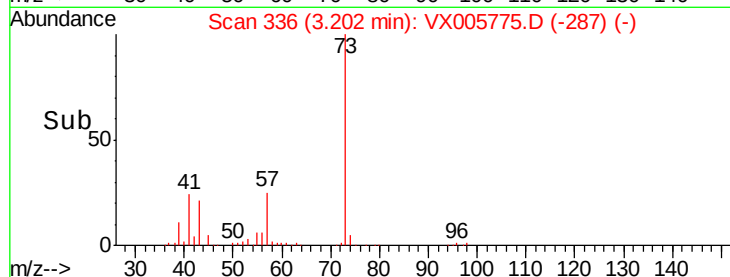
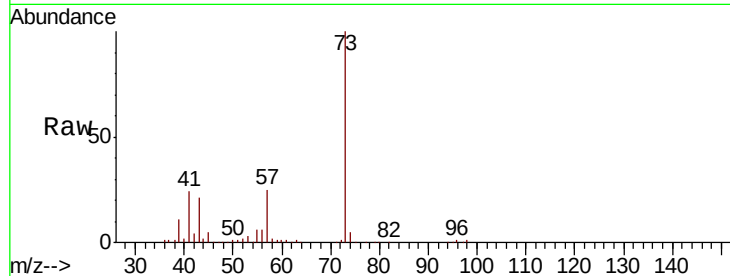
#19
Methyl tert-butyl Ether
Concen: 18.387 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.4	18.8	28.2

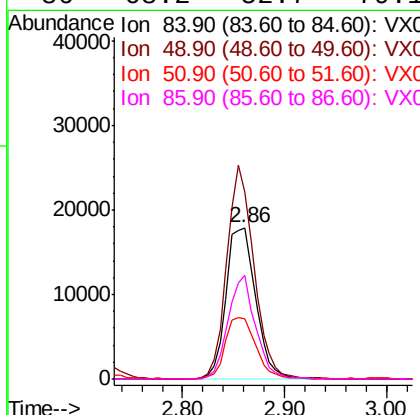
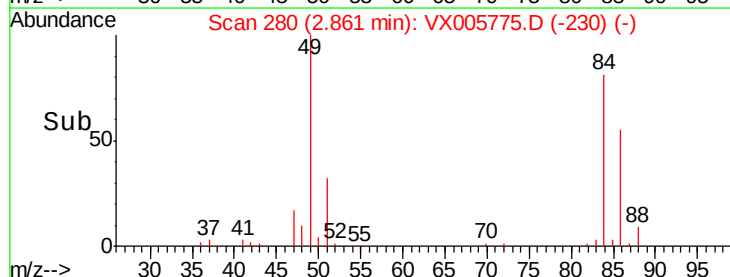
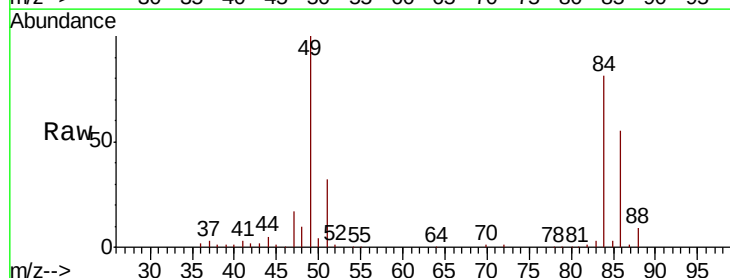
Manual Integrations
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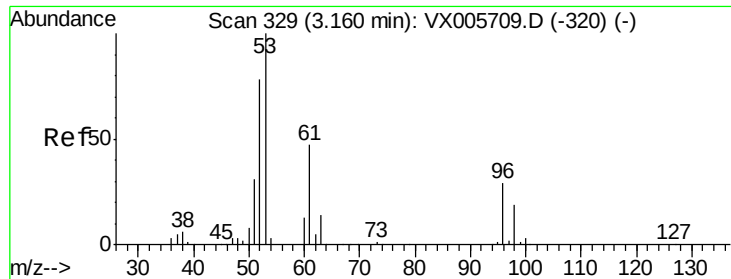
apatel
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#20
Methylene Chloride
Concen: 18.407 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	109.5	164.3
51	39.7	33.3	49.9
86	68.2	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 17.519 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 96 Resp: 31037

Ion Ratio Lower Upper

96 100

61 165.3 115.6 173.4

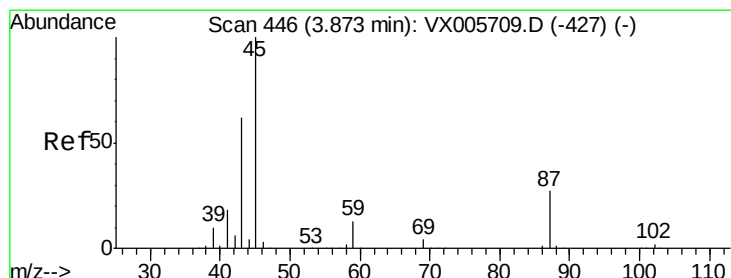
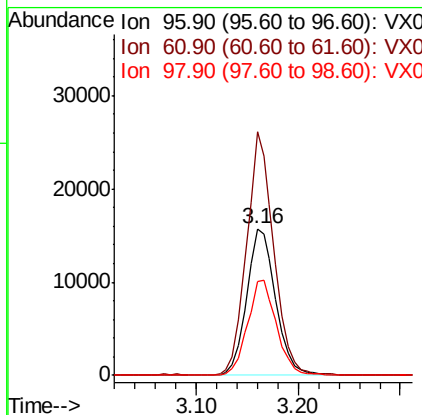
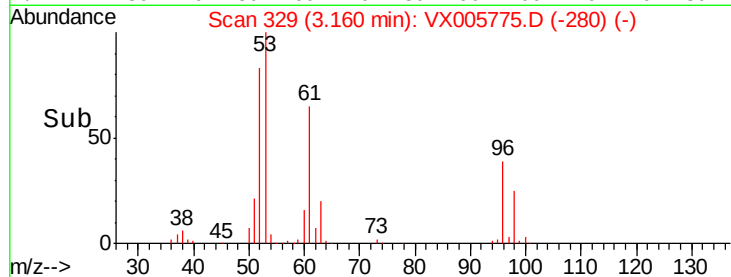
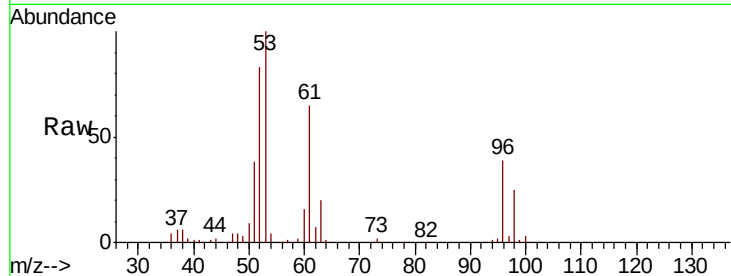
98 64.3 50.2 75.2

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#22

Diisopropyl ether

Concen: 17.430 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion: 45 Resp: 111941

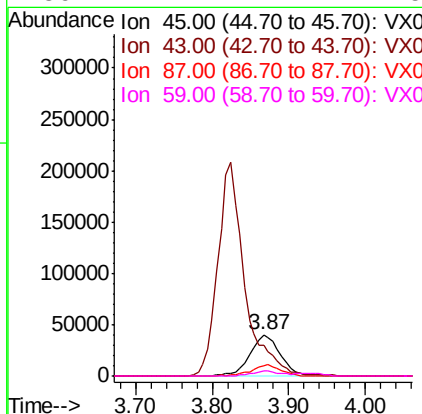
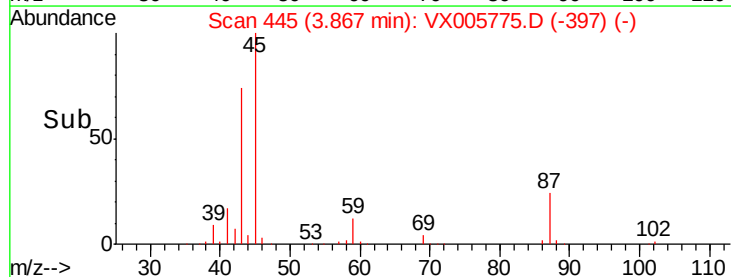
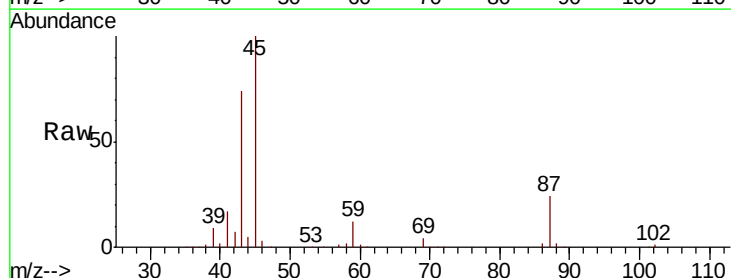
Ion Ratio Lower Upper

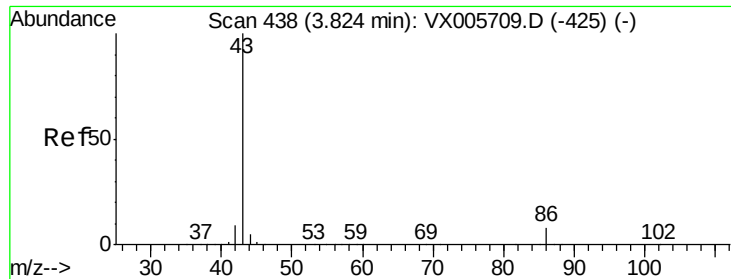
45 100

43 72.9 47.4 71.2#

87 24.1 15.9 23.9#

59 12.2 7.7 11.5#





#23

Vinyl Acetate

Concen: 90.857 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 43 Resp: 508239

Ion Ratio Lower Upper

43 100

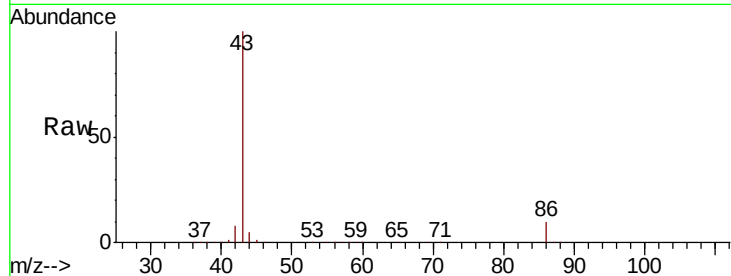
86 9.7 7.4 11.2

Manual Integrations

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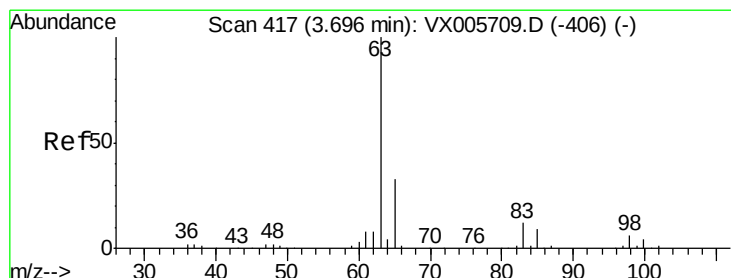
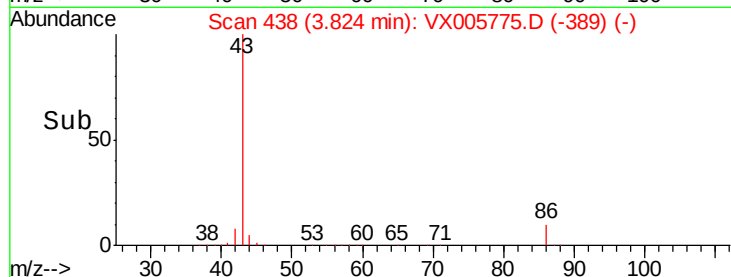
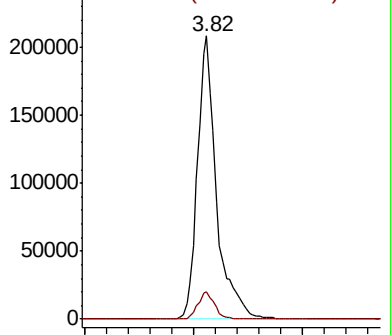
apatel

11/6/2018 8:26:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.090 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

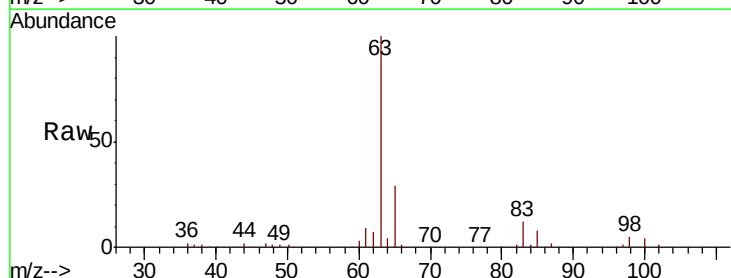
Tgt Ion: 63 Resp: 65694

Ion Ratio Lower Upper

63 100

98 4.9 3.2 9.6

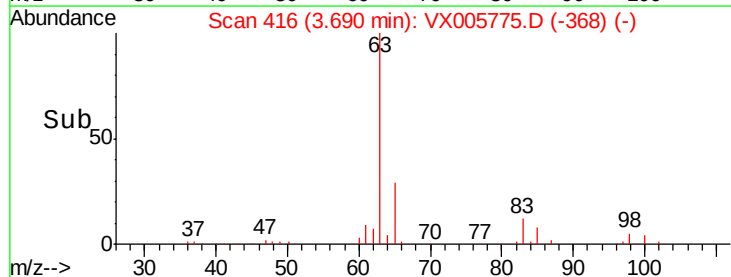
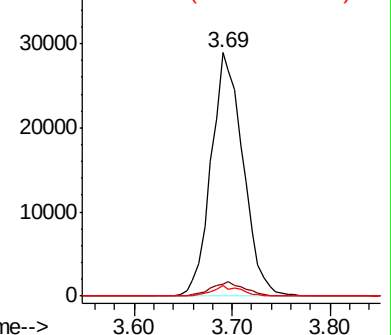
100 4.1 2.1 6.2

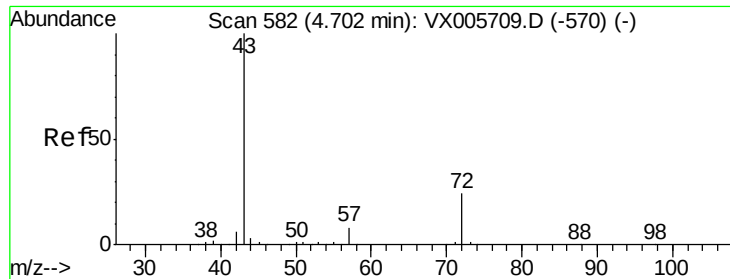


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 86.580 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 43 Resp: 165991

Ion Ratio Lower Upper

43 100

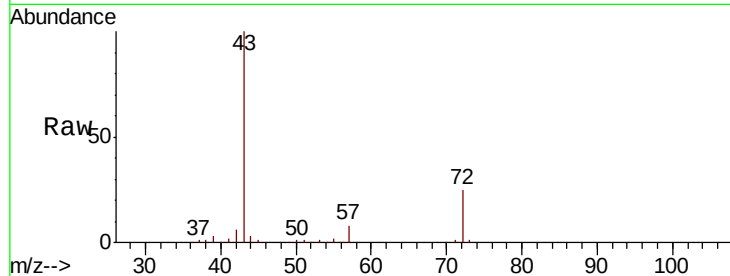
72 25.4 19.2 28.8

Manual Integrations

APPROVED

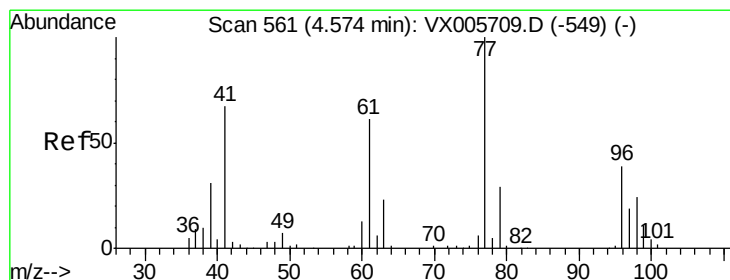
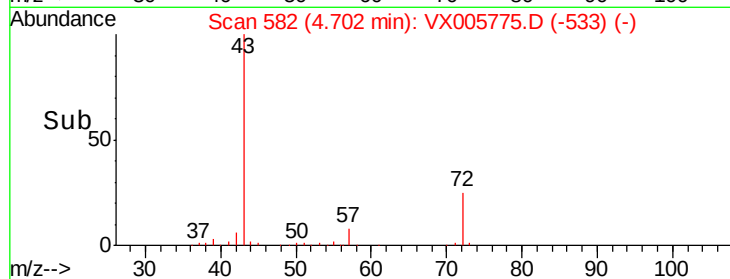
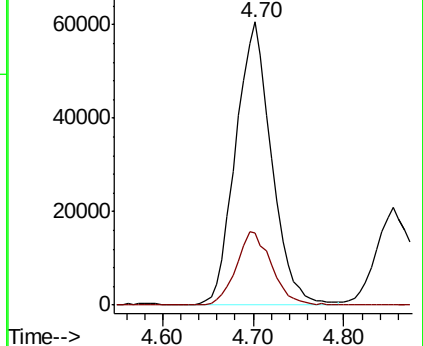
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.044 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005775.D

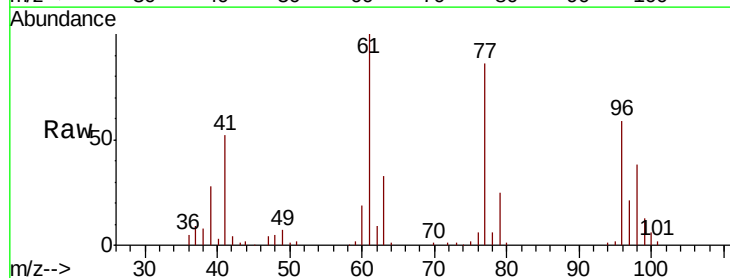
Acq: 05 Nov 2018 13:51

Tgt Ion: 77 Resp: 48982

Ion Ratio Lower Upper

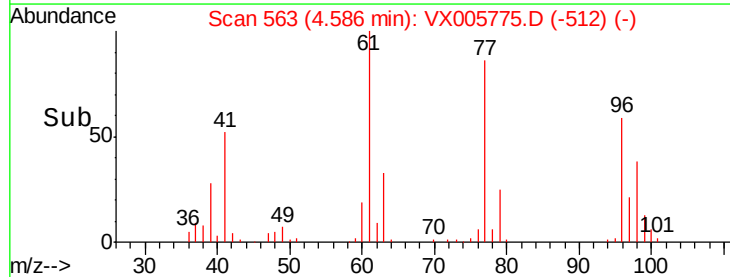
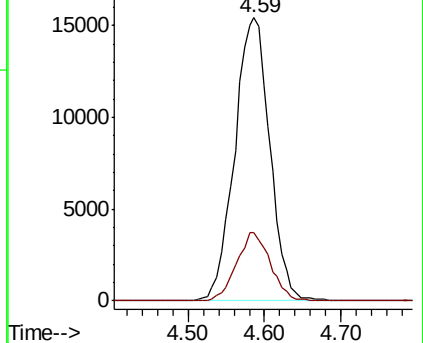
77 100

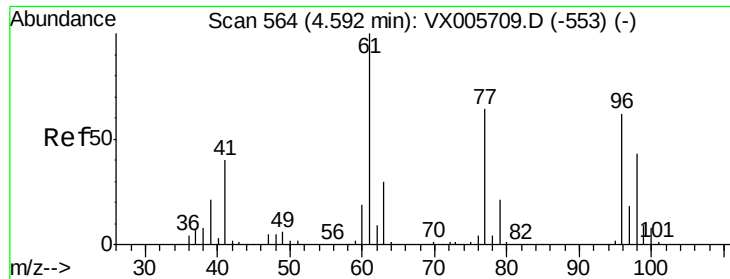
97 23.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

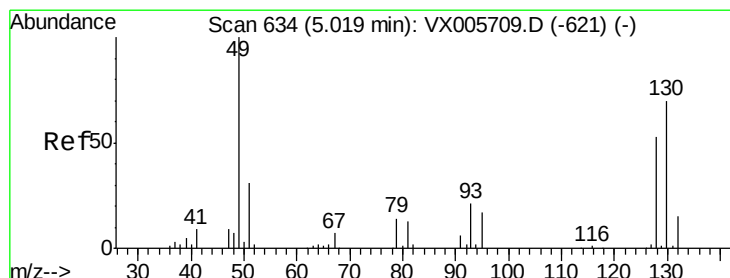
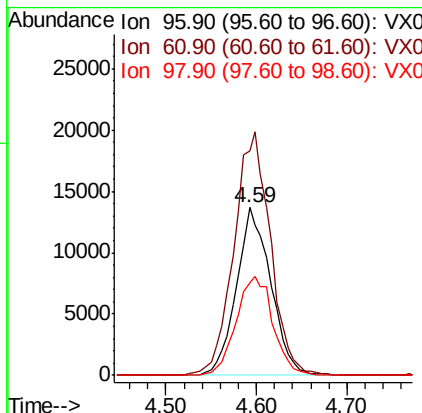
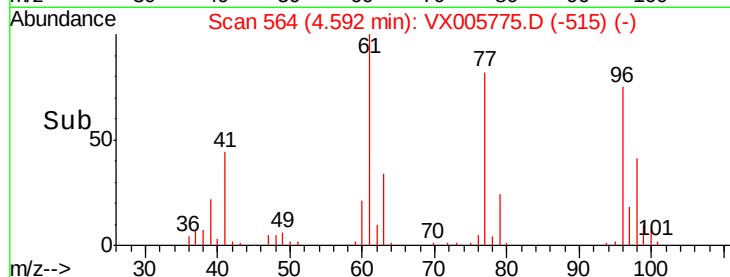
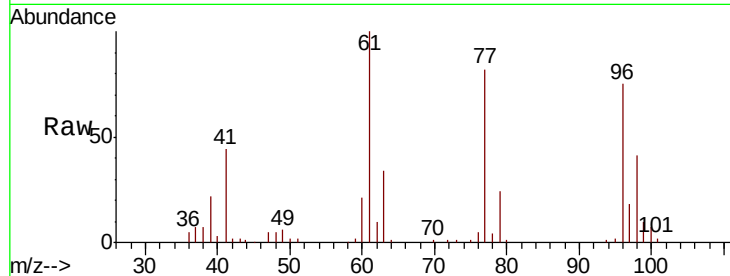
cis-1,2-Dichloroethene
Concen: 18.045 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	35924		
61	153.9	0.0	304.6	
98	62.8	0.0	127.4	

Manual Integrations
APPROVED

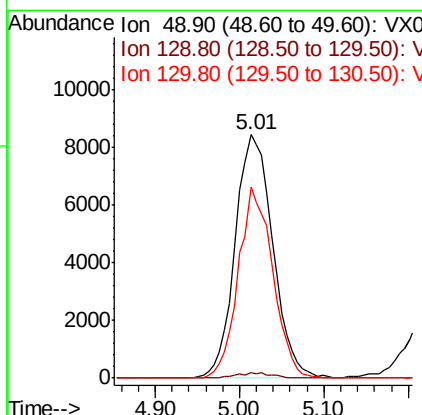
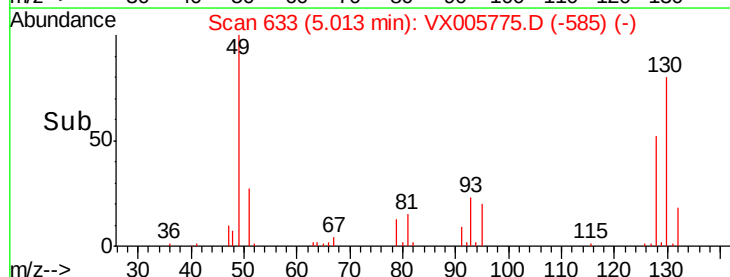
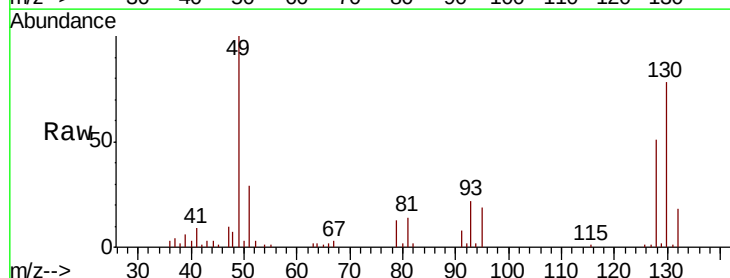
apatel
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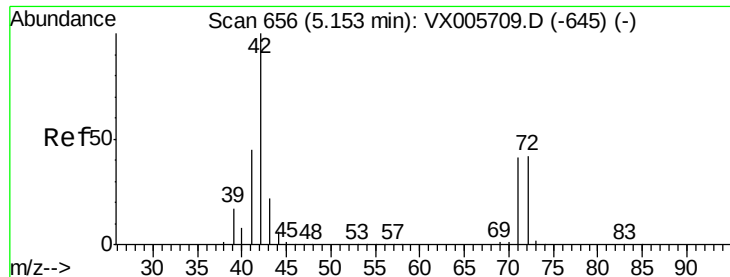


#28

Bromochloromethane
Concen: 14.440 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	25583		
129	2.0	0.0	4.0	
130	71.6	58.9	88.3	





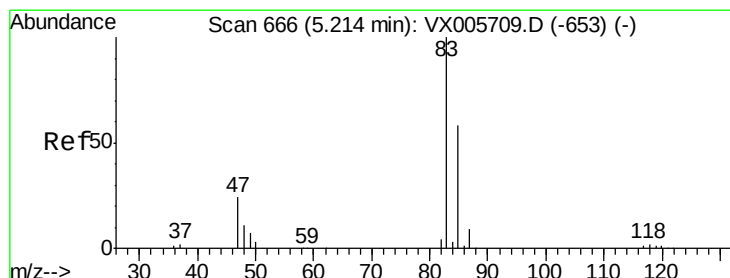
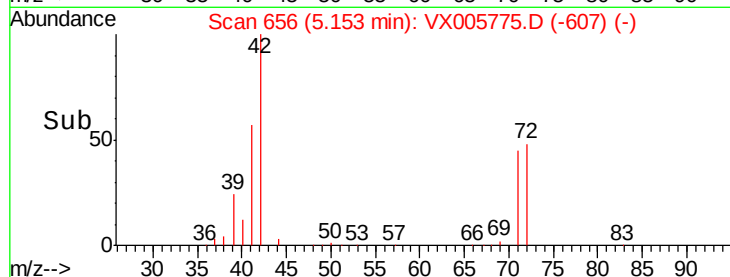
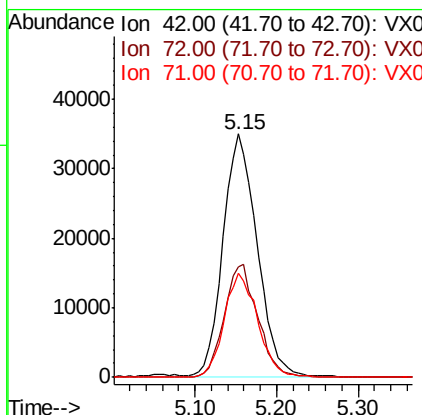
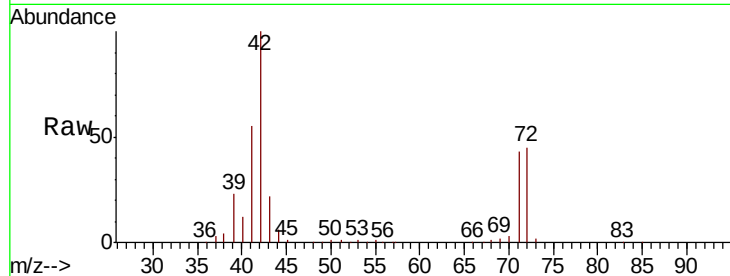
#29
Tetrahydrofuran
Concen: 85.976 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	32.0	48.0
71	42.5	29.8	44.8

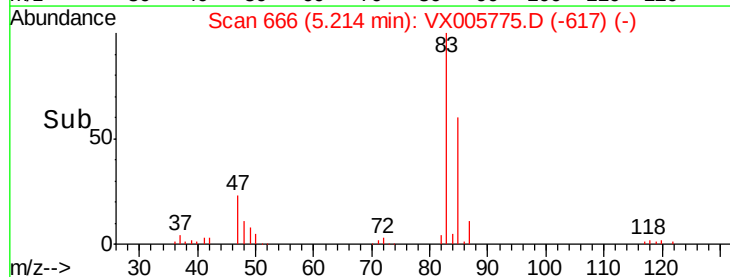
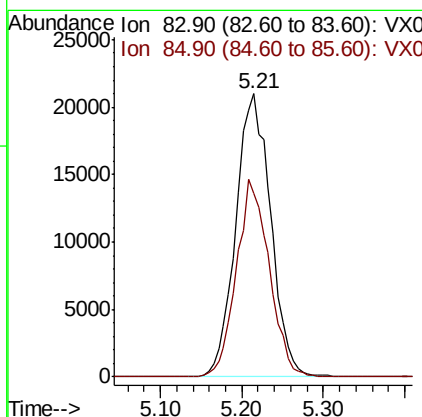
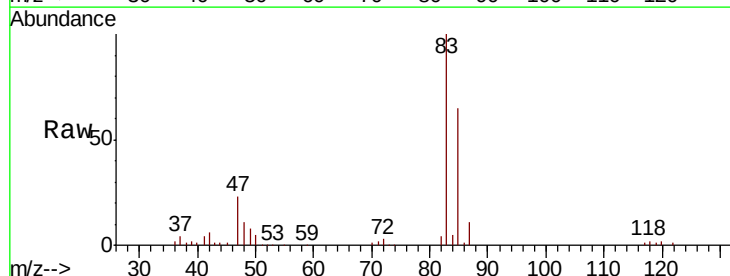
Manual Integrations
APPROVED

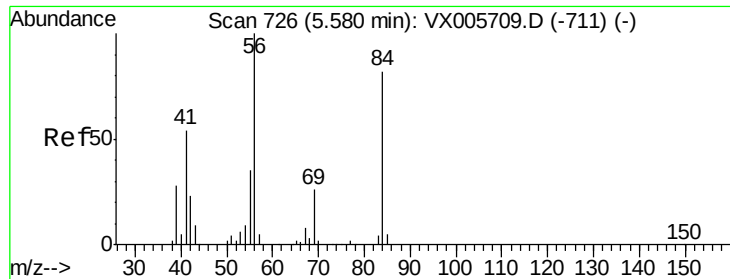
apatel
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#30
Chloroform
Concen: 17.577 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.6	76.0





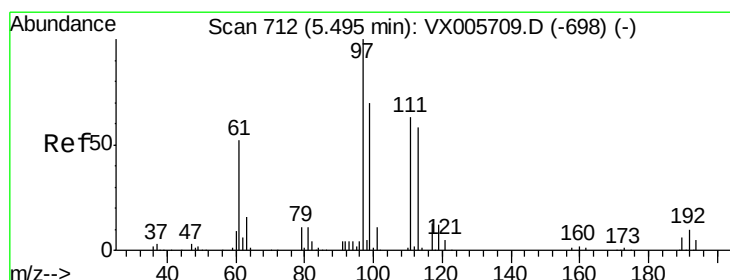
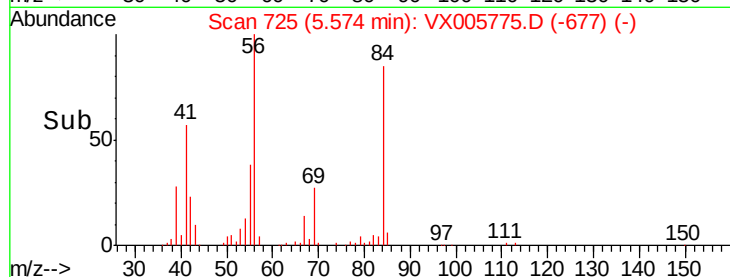
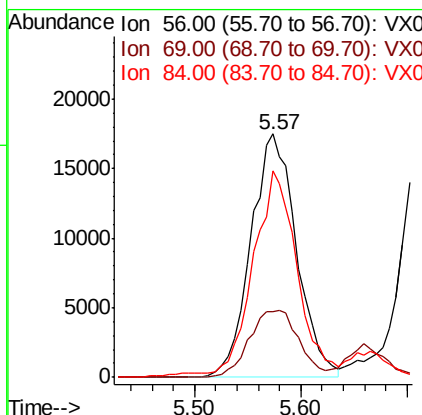
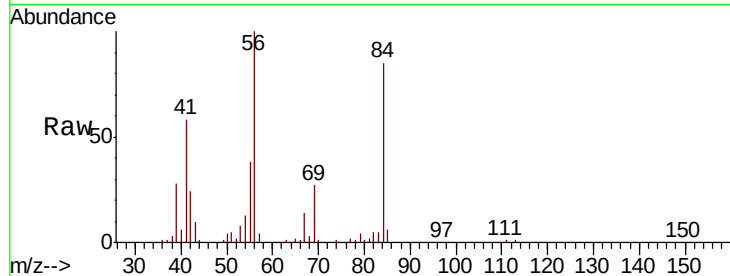
#31
Cyclohexane
Concen: 17.200 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.2	22.6	34.0
84	82.8	62.7	94.1

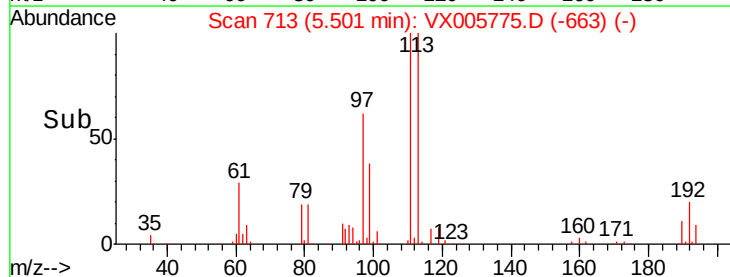
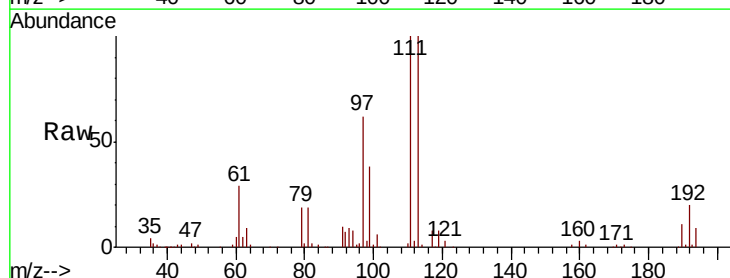
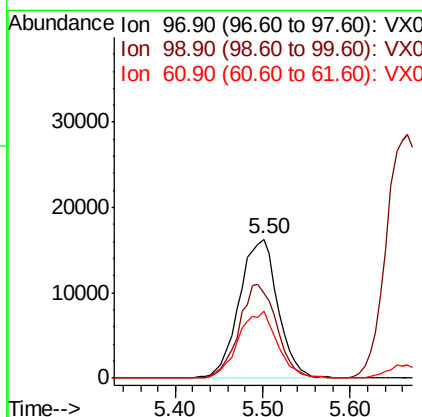
Manual Integrations
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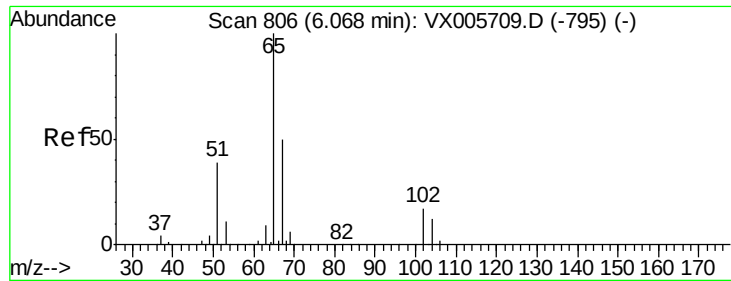
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#32
1,1,1-Trichloroethane
Concen: 17.557 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.3	78.5
61	48.3	35.2	52.8





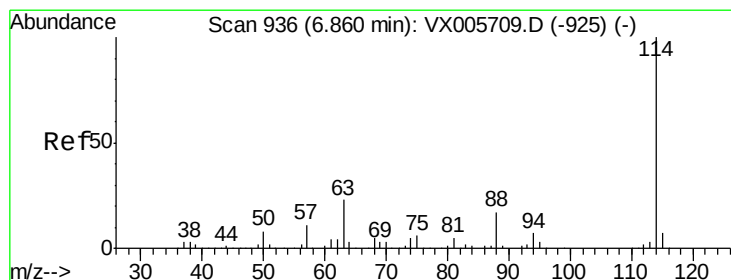
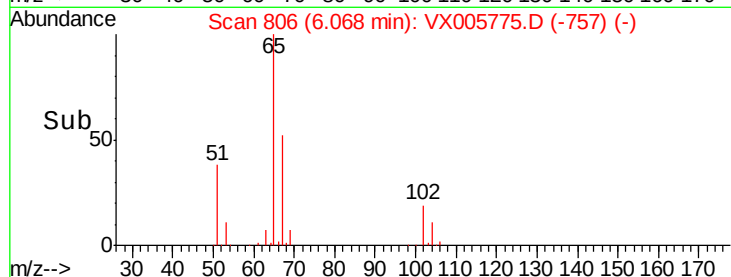
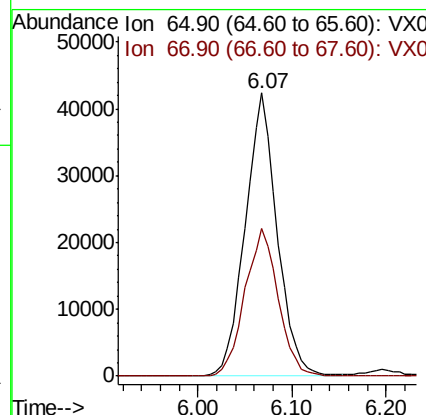
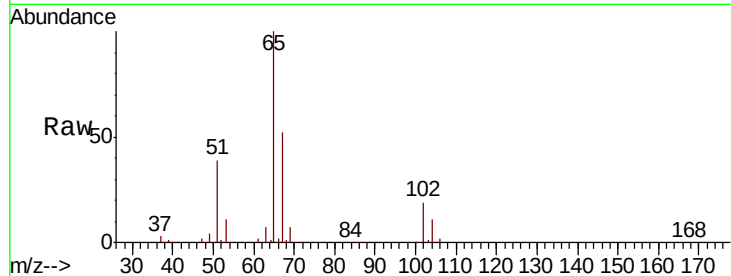
#33
 1,2-Dichloroethane-d4
 Concen: 44.222 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.0

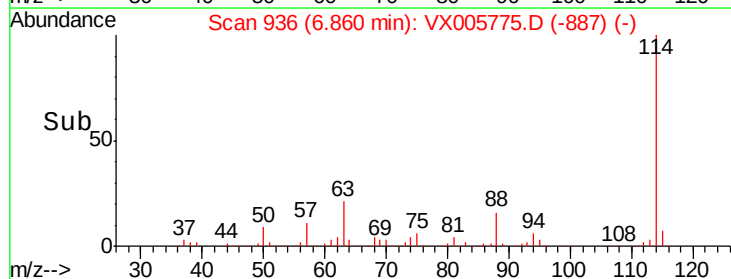
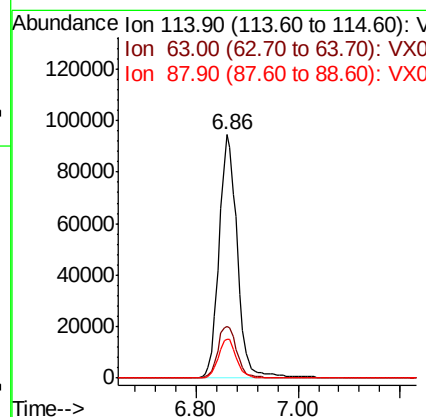
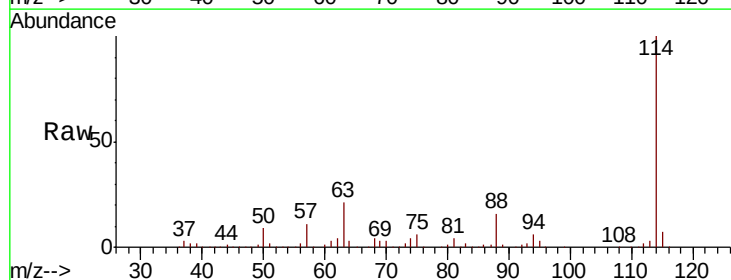
Manual Integrations
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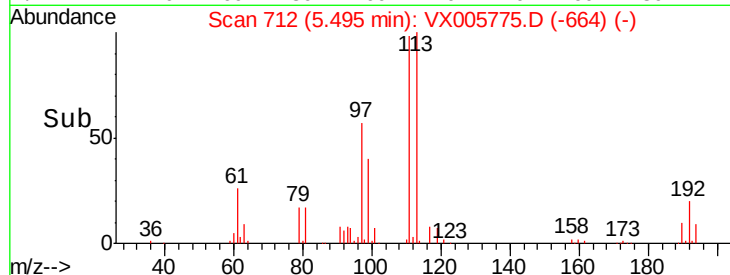
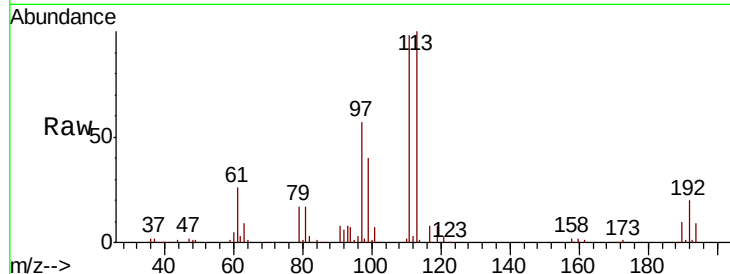
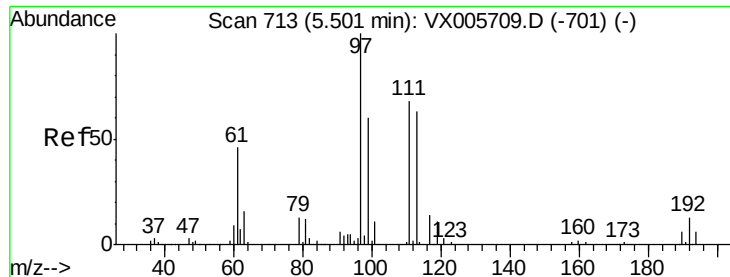
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.8
88	15.8	0.0	31.2





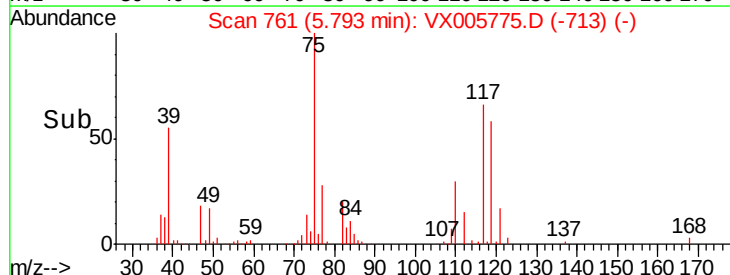
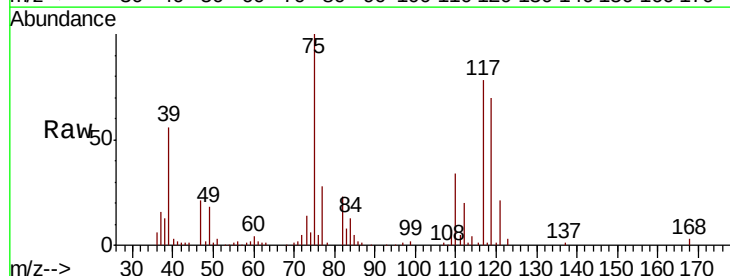
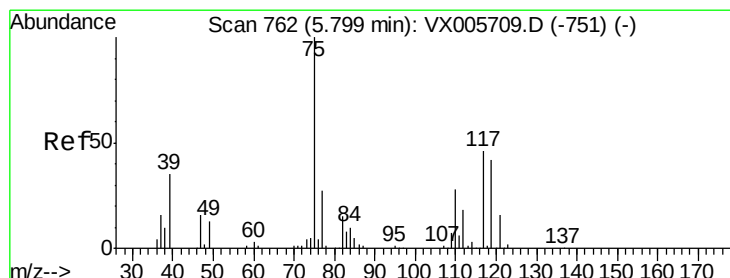
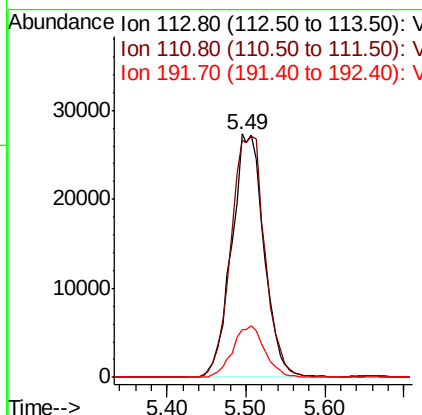
#35
Dibromofluoromethane
Concen: 47.823 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tot Ion:	113	Resp:	78160
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.3	123.5
192	20.7	17.9	26.9

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

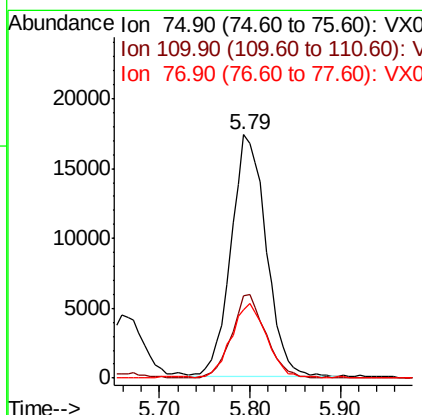
Manual Integrations
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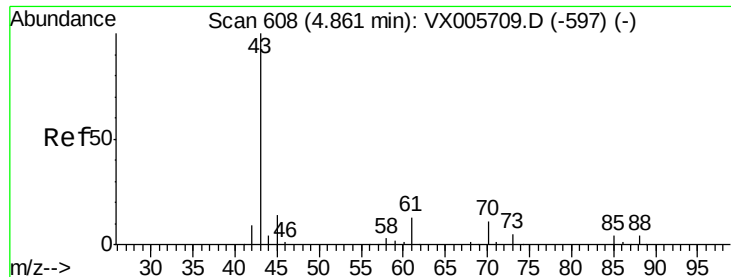
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#36
1,1-Dichloropropene
Concen: 18.611 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:	75	Resp:	46803
Ion Ratio	Lower	Upper	
75	100		
110	33.5	17.4	52.2
77	30.8	25.8	38.6





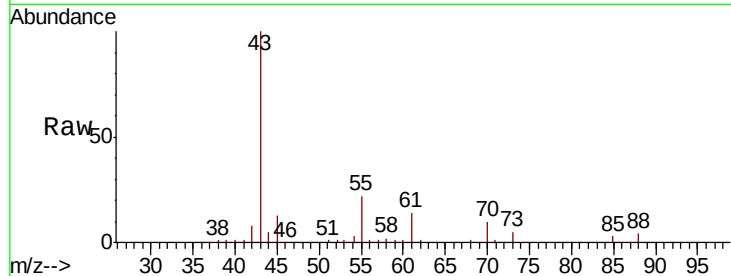
#37
Ethyl Acetate
Concen: 18.352 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.8	16.2
70	10.4	7.8	11.8

Manual Integrations
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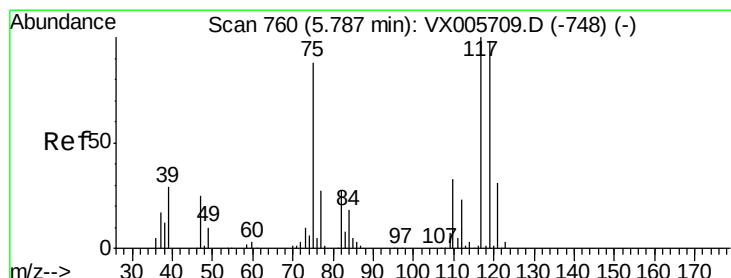
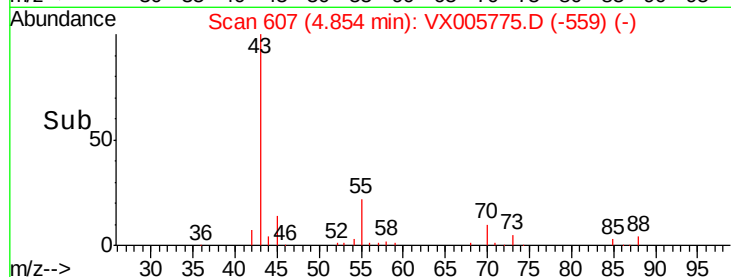
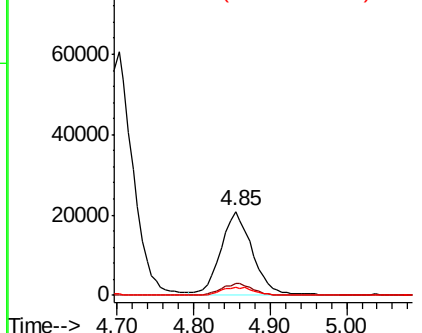


Abundance

Ion 43.00 (42.70 to 43.70): VX005709.D (-597) (-)

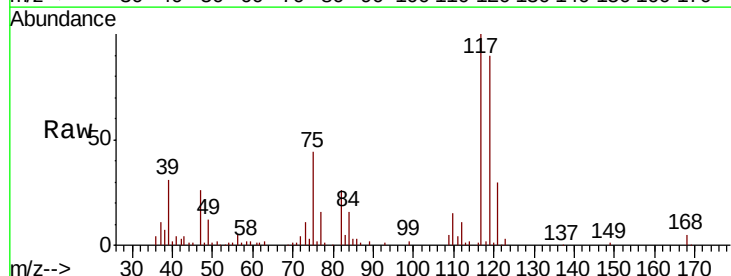
Ion 60.90 (60.60 to 61.60): VX005709.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX005709.D (-597) (-)



#38
Carbon Tetrachloride
Concen: 19.128 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.6	78.1	117.1
121	29.9	24.6	36.8

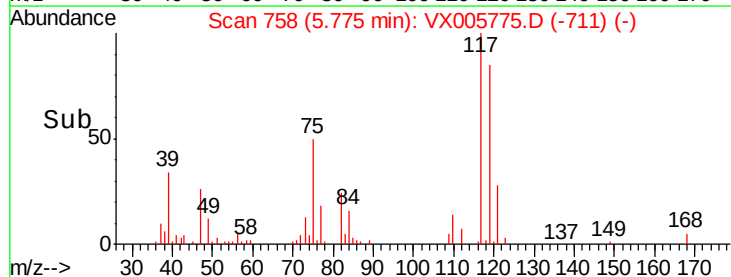
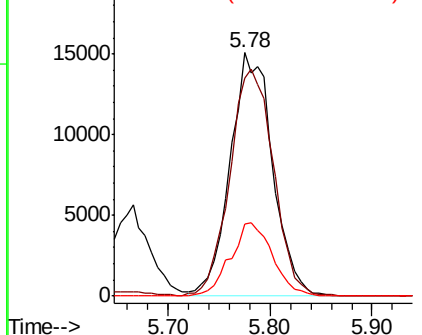


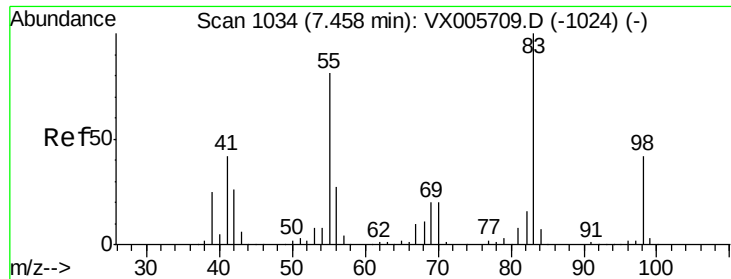
Abundance

Ion 116.80 (116.50 to 117.50): VX005709.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX005709.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX005709.D (-748) (-)





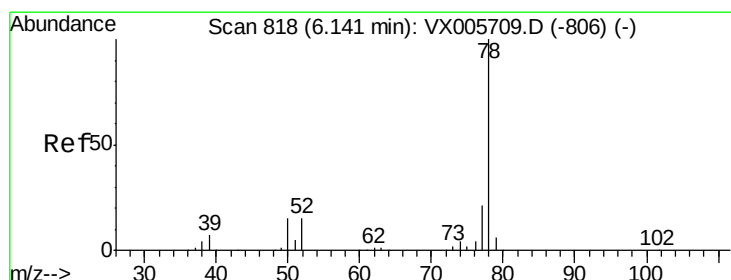
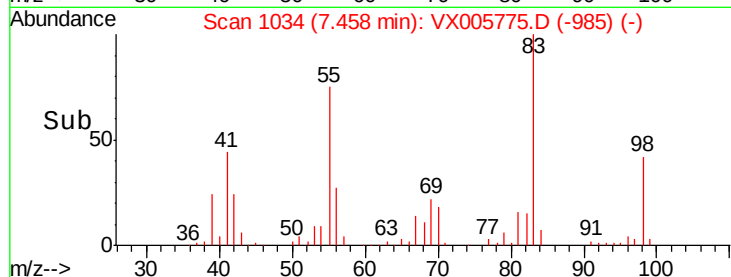
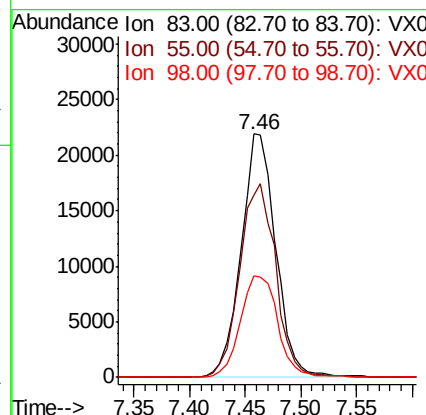
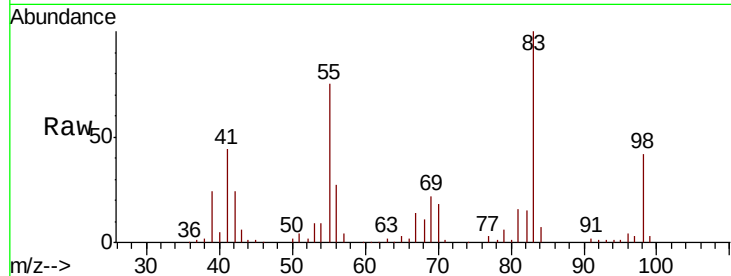
#39
Methylvlcyclohexane
Concen: 18.001 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	83	Resp	47211
Ion Ratio	Lower	Upper	
83	100		
55	74.7	63.7	95.5
98	41.7	36.2	54.2

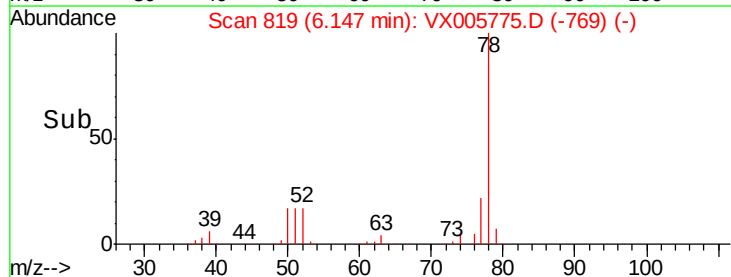
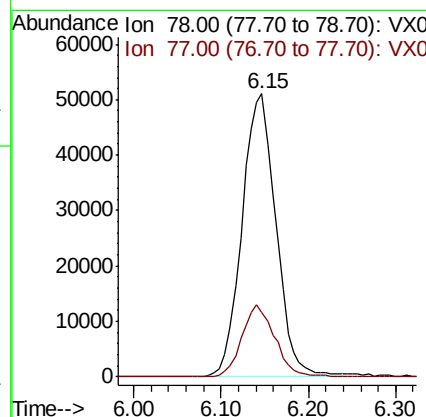
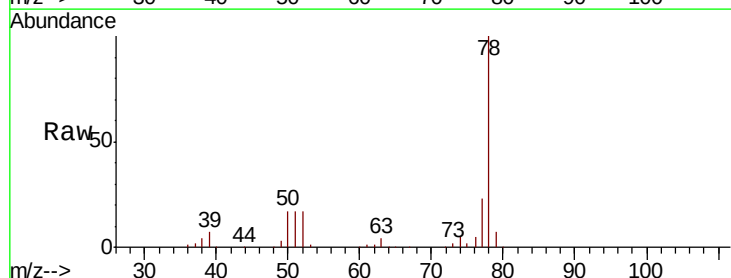
Manual Integrations
APPROVED

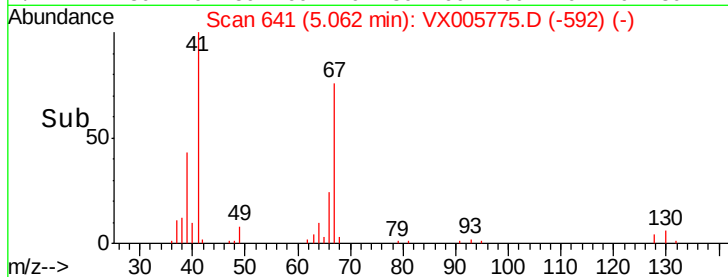
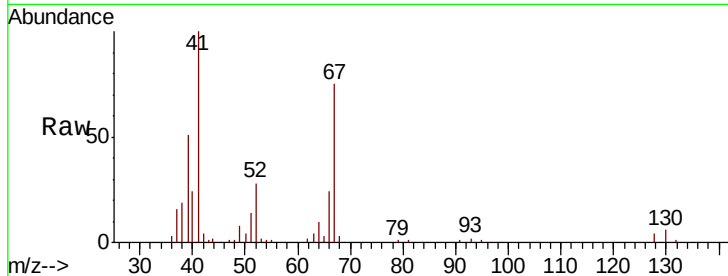
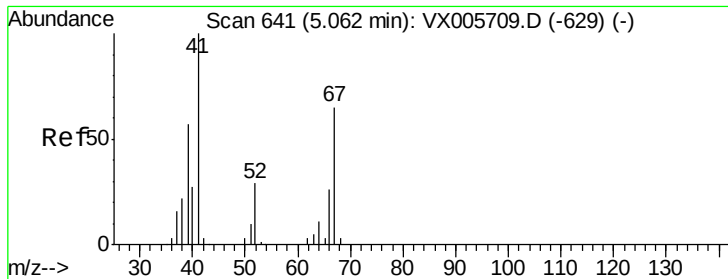
apatel
11/6/2018 8:26:58 AM



#40
Benzene
Concen: 18.419 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

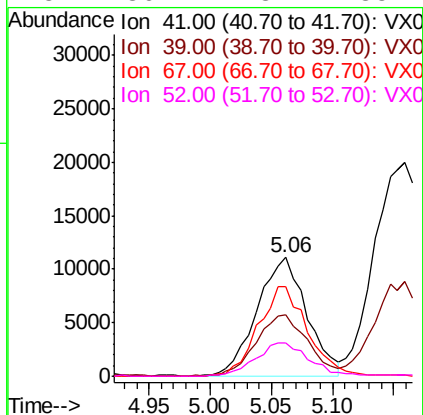
Tgt Ion	78	Resp	137800
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.4	27.6





#41
Methacrylonitrile
Concen: 18.318 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

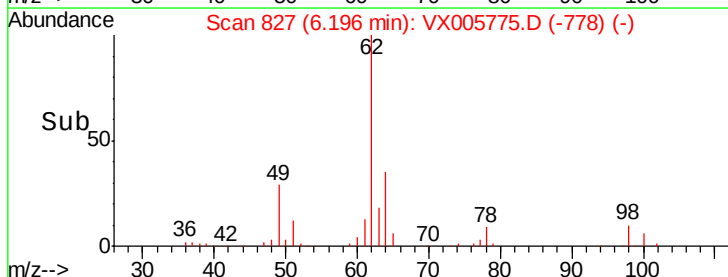
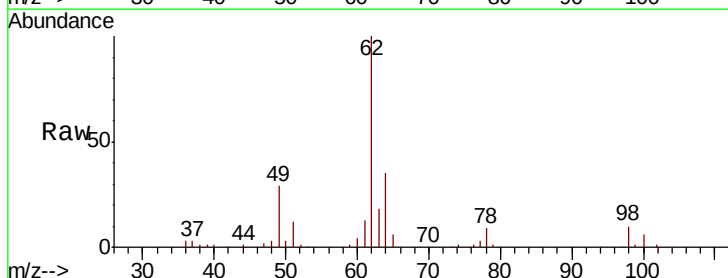
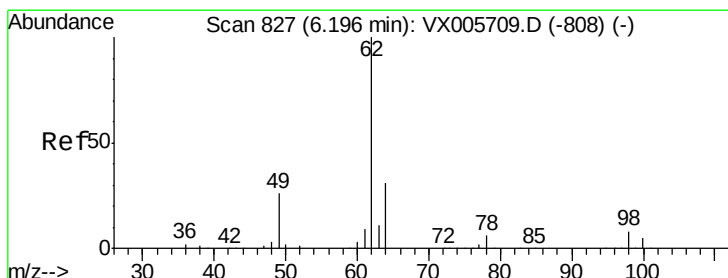
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	42.2	63.2		
67	74.3	53.4	80.0		
52	30.2	23.4	35.2		



Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

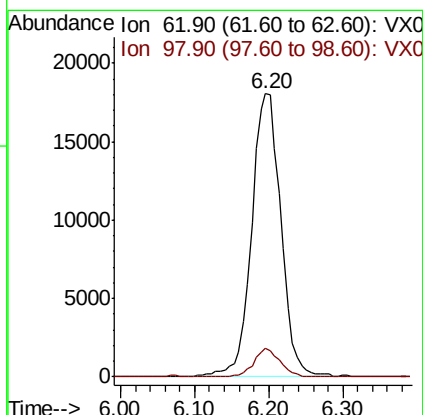
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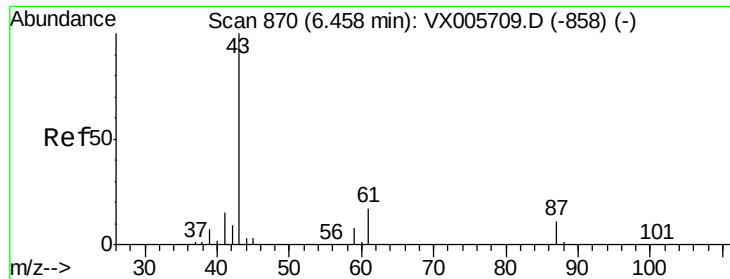
apatel
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#42
1,2-Dichloroethane
Concen: 18.047 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.1	0.0	17.8		





#43

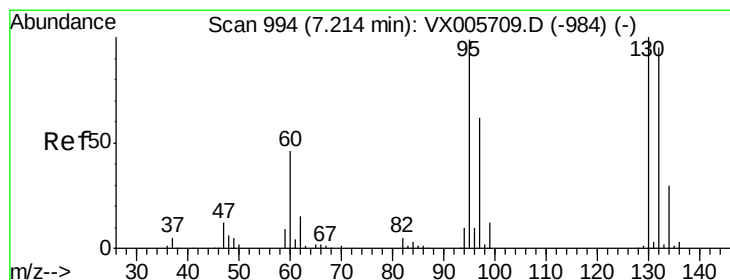
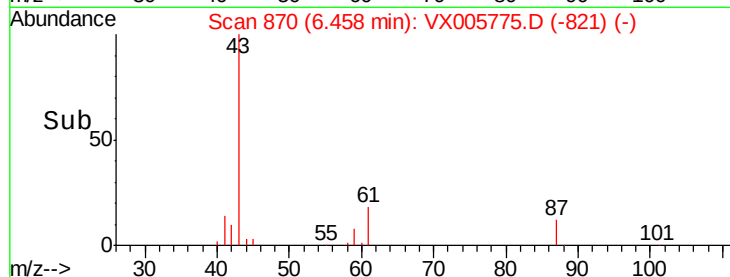
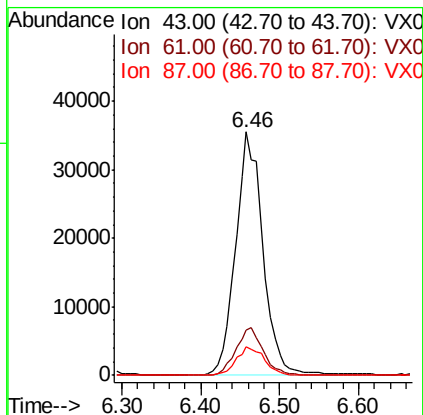
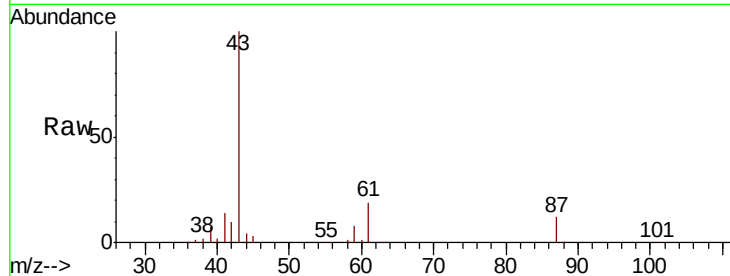
Isopropyl Acetate
 Concen: 18.286 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.6	22.0
87	12.3	9.6	14.4

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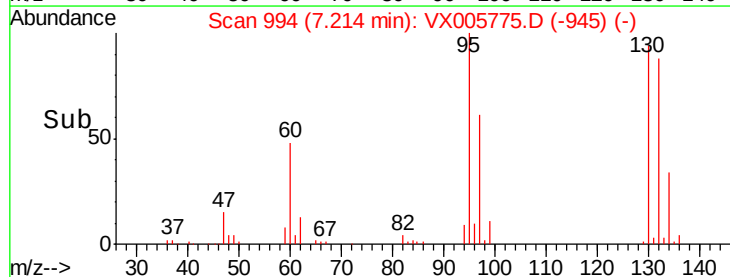
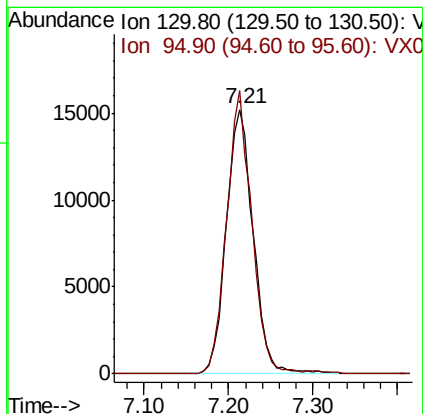
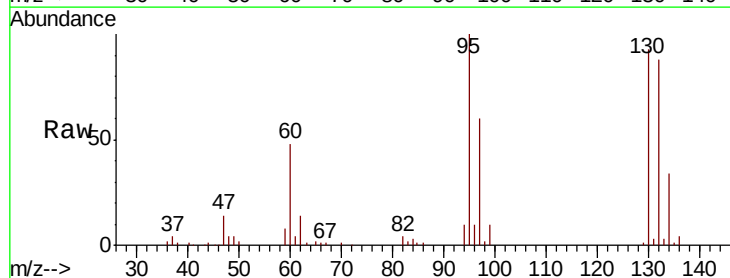
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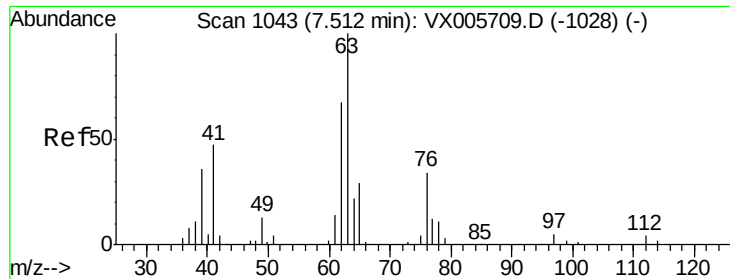


#44

Trichloroethene
 Concen: 19.119 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	194.2





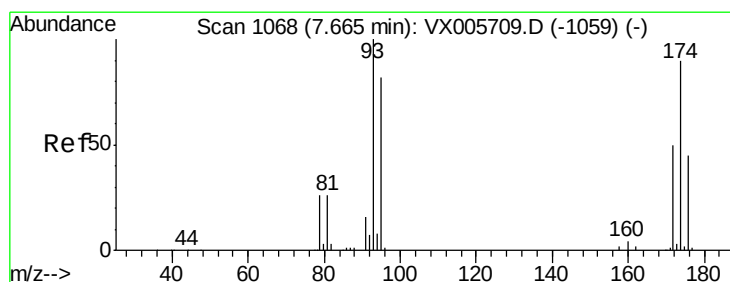
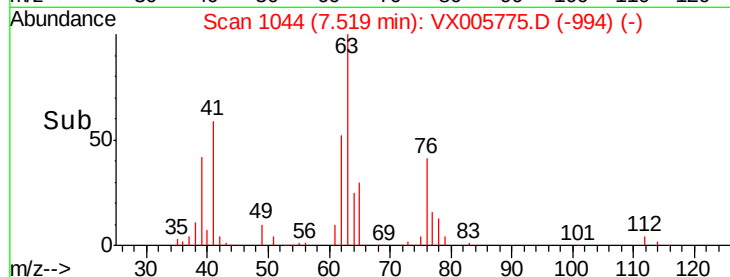
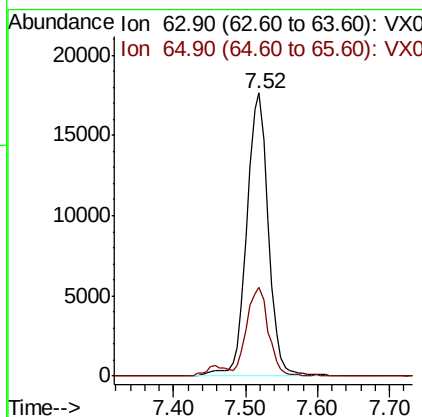
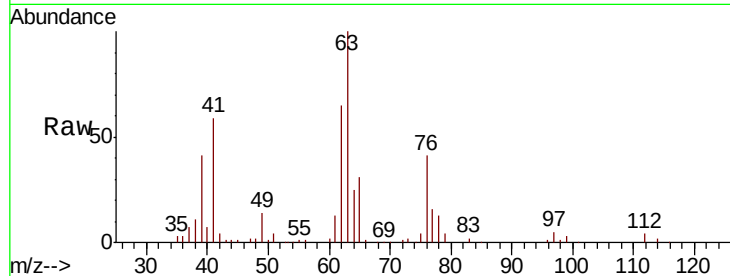
#45
 1,2-Dichloropropane
 Concen: 19.226 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion: 63 Resp: 36861
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.8 37.2

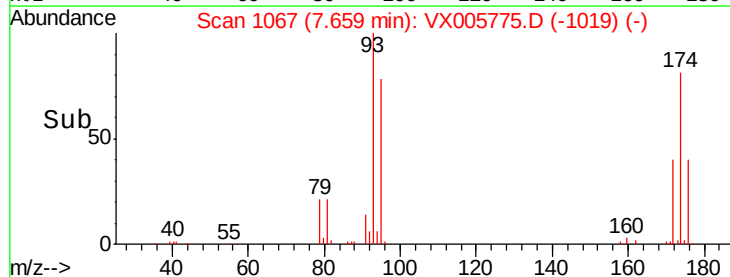
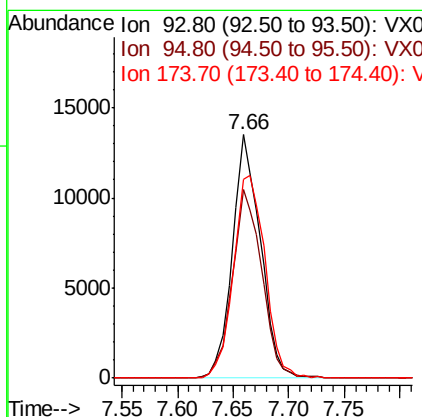
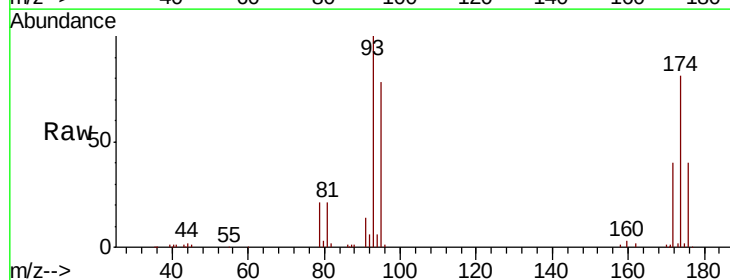
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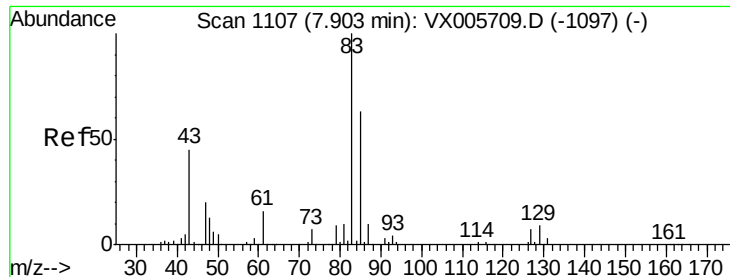
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#46
 Dibromomethane
 Concen: 19.200 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 93 Resp: 23525
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.4 101.0
 174 93.3 91.5 137.3





#47

Bromodichloromethane

Concen: 18.703 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

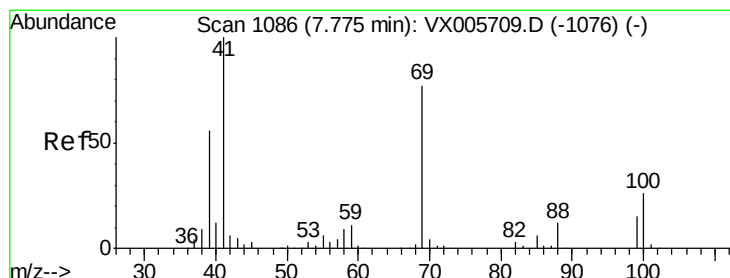
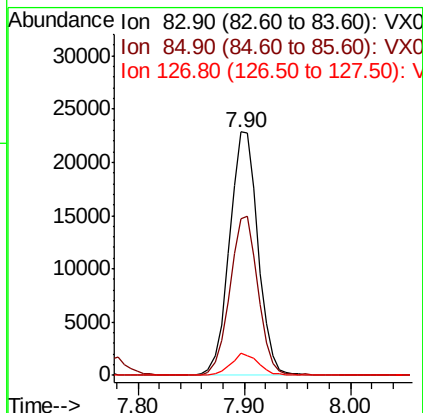
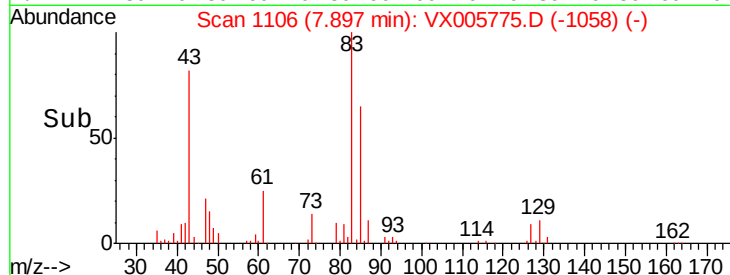
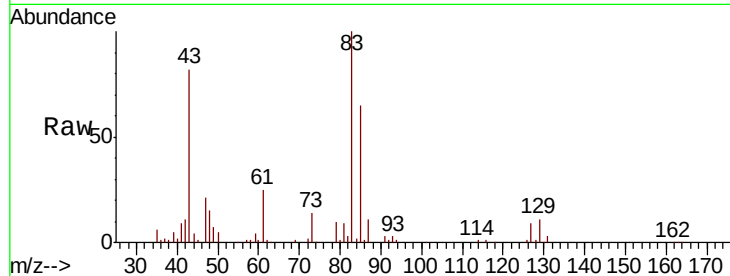
ClientSampleId :

VX1105WBS01

Tot Ion:	83	Resp:	42985
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.2	75.4
127	8.9	6.9	10.3

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#48

Methyl methacrylate

Concen: 18.189 ug/l

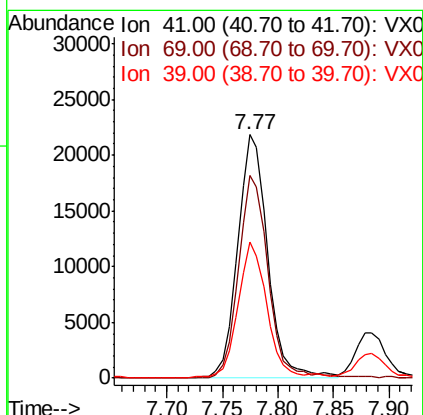
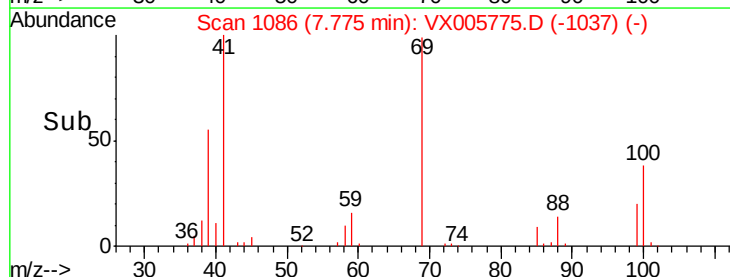
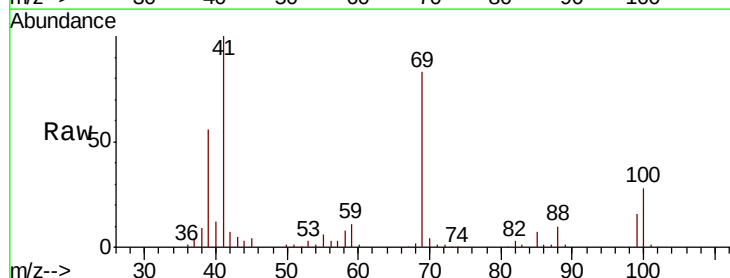
RT: 7.77 min Scan# 1086

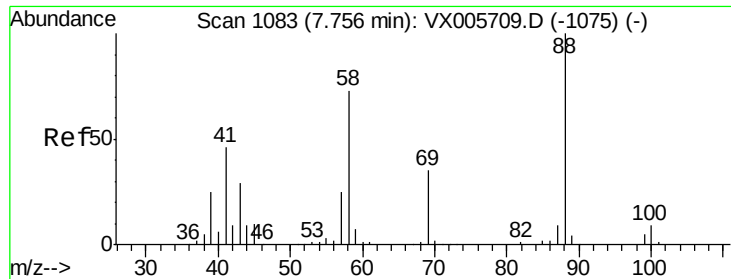
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	41	Resp:	40994
Ion Ratio	Lower	Upper	
41	100		
69	82.1	63.2	94.8
39	53.5	42.2	63.2





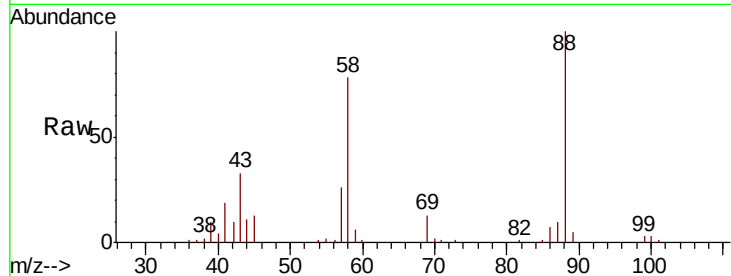
#49
1,4-Dioxane
Concen: 352.758 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	27.4	41.0
58	77.4	59.4	89.2

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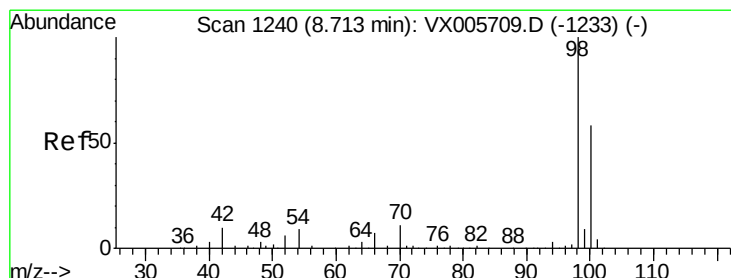
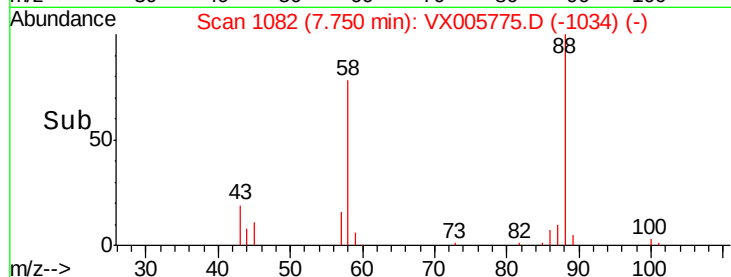
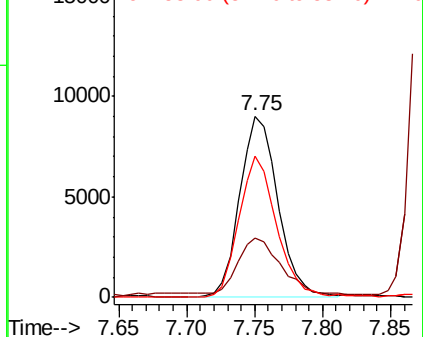


Abundance

Ion 88.00 (87.70 to 88.70): VX005709.D (-1075) (-)

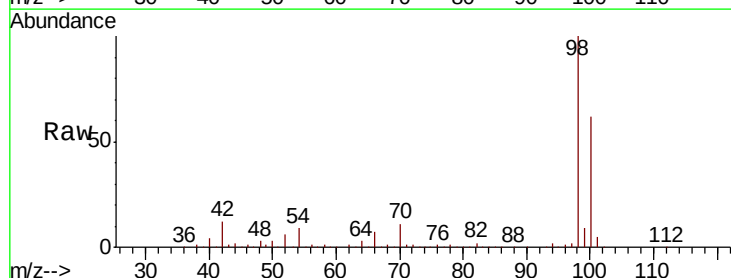
Ion 43.00 (42.70 to 43.70): VX005709.D (-1075) (-)

Ion 58.00 (57.70 to 58.70): VX005709.D (-1075) (-)



#50
Toluene-d8
Concen: 48.934 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

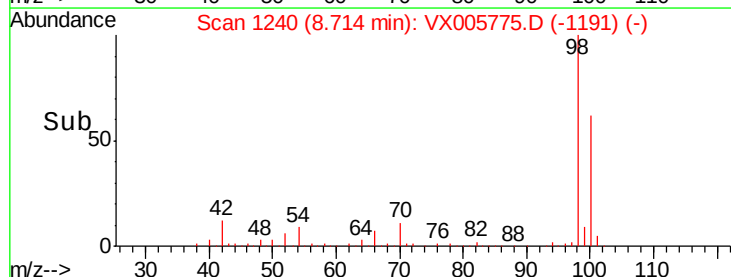
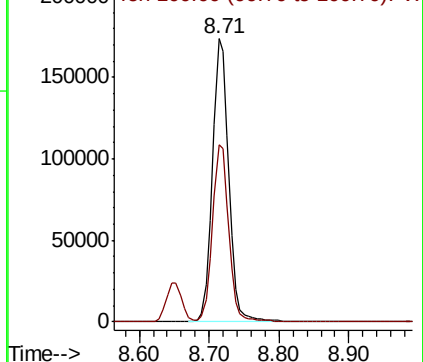
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.3	76.9

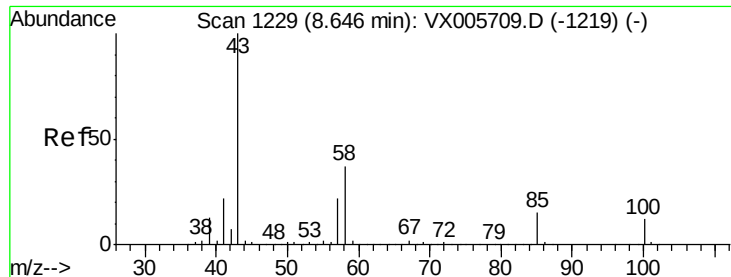


Abundance

Ion 98.00 (97.70 to 98.70): VX005709.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX005709.D (-1233) (-)





#51

4-Methyl-2-Pentanone

Concen: 92.635 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 43 Resp: 294137

Ion Ratio Lower Upper

43 100

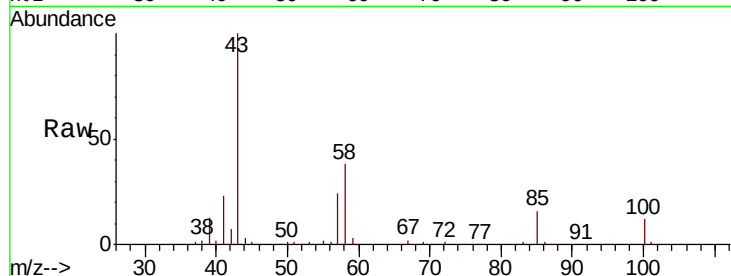
58 38.4 29.7 44.5

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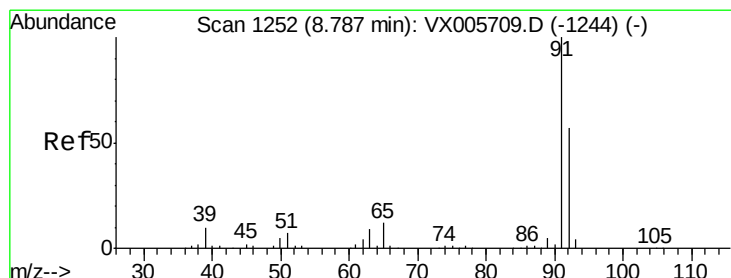
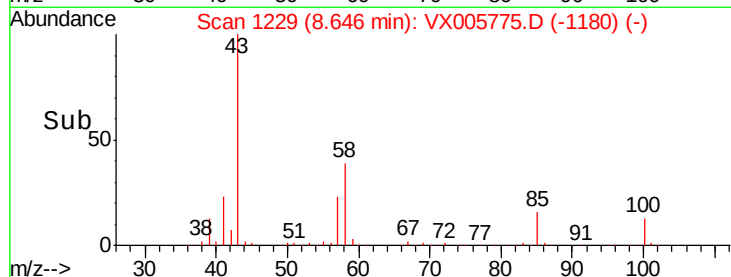
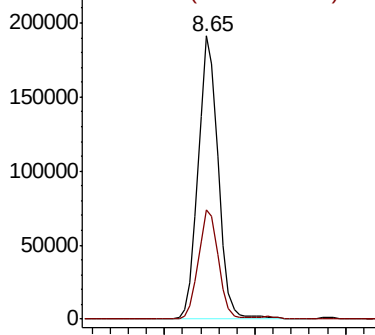
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.687 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX005775.D

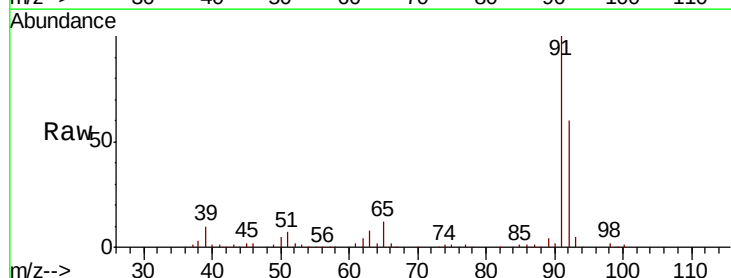
Acq: 05 Nov 2018 13:51

Tgt Ion: 92 Resp: 79669

Ion Ratio Lower Upper

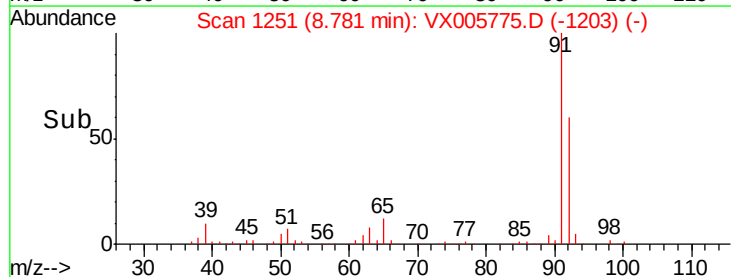
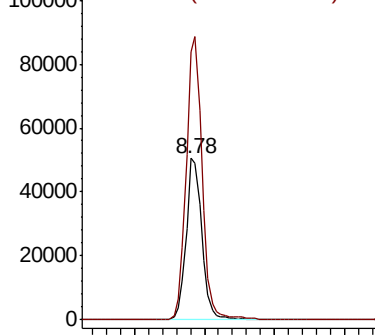
92 100

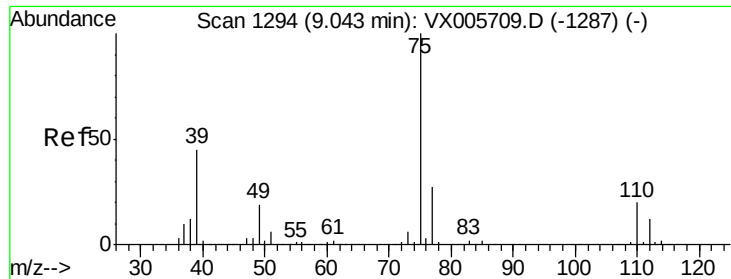
91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





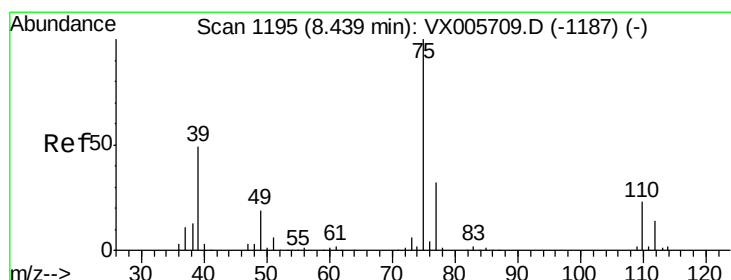
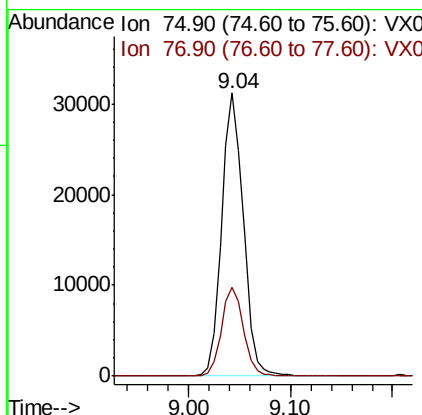
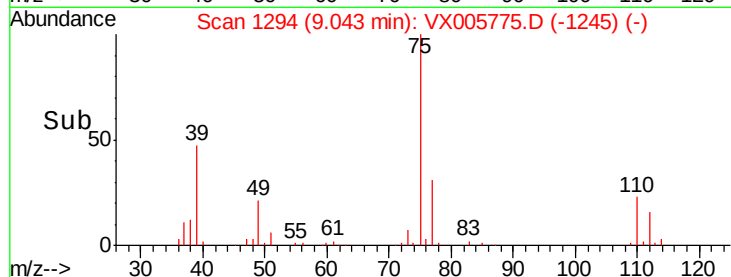
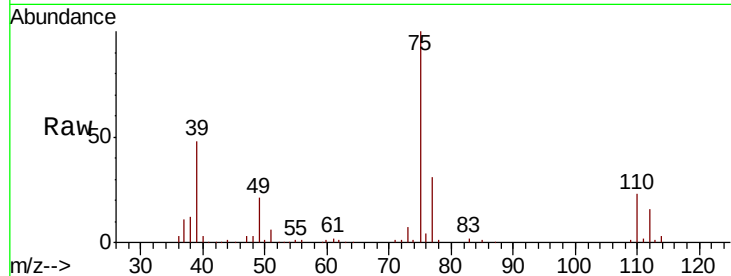
#53
t-1,3-Dichloropropene
Concen: 18.525 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion: 75 Resp: 46142
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2

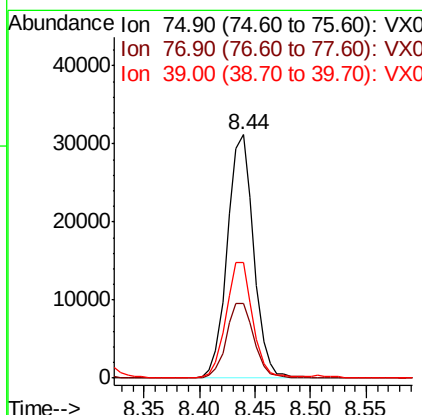
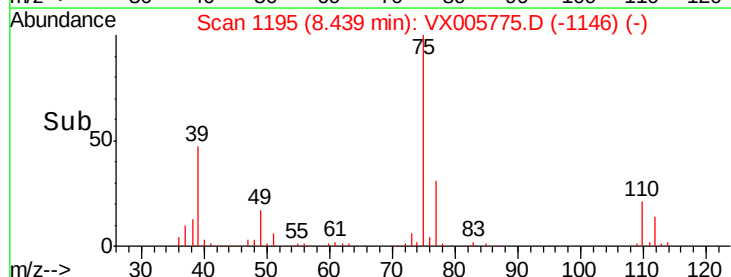
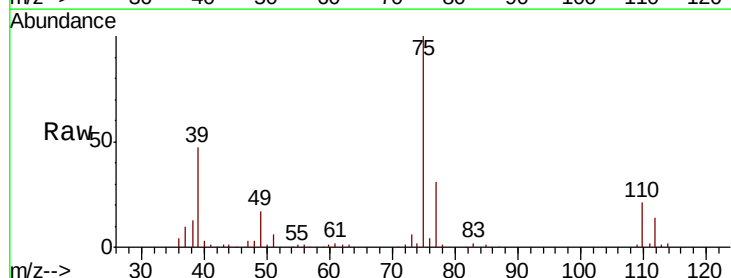
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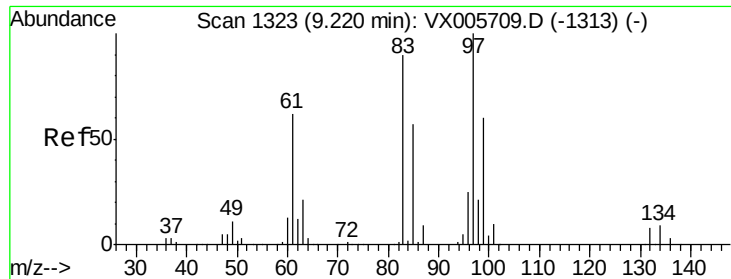
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#54
cis-1,3-Dichloropropene
Concen: 19.170 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion: 75 Resp: 51157
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 47.4 38.2 57.2





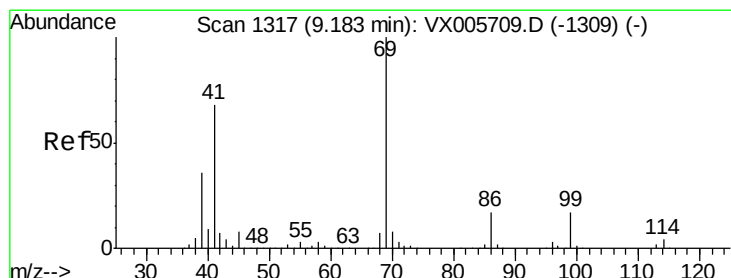
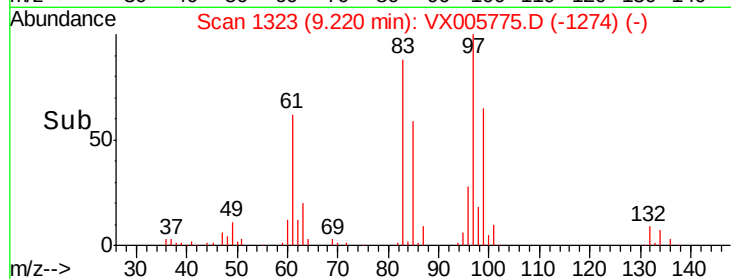
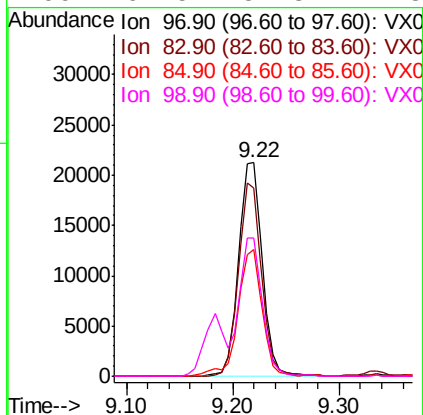
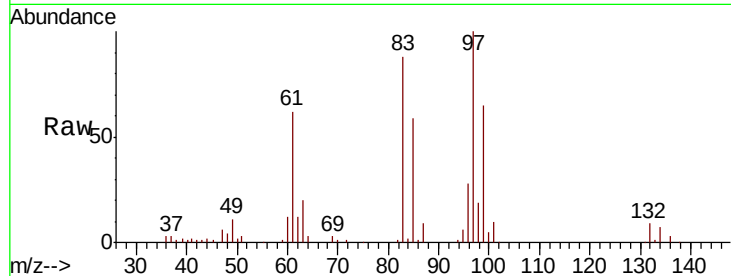
#55
 1,1,2-Trichloroethane
 Concen: 18.899 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.7	106.1
85	59.2	45.8	68.6
99	64.5	51.8	77.8

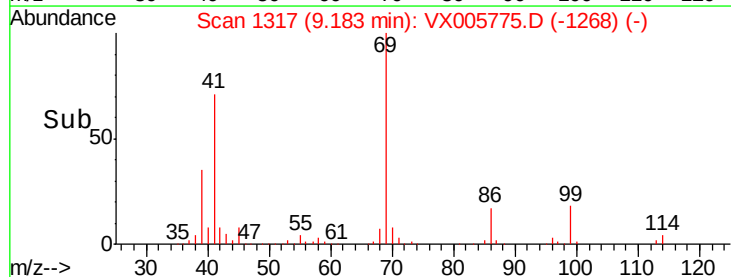
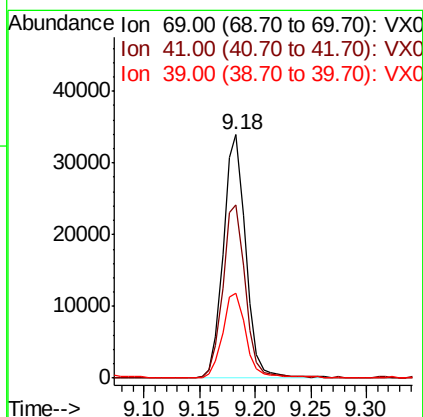
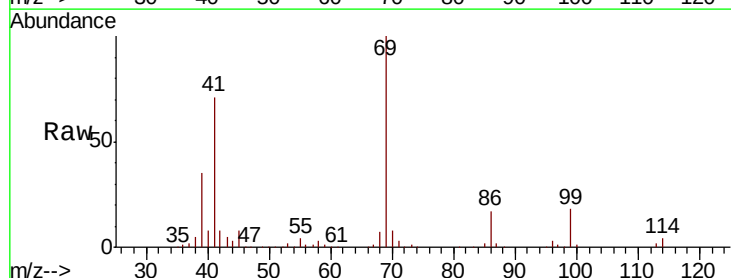
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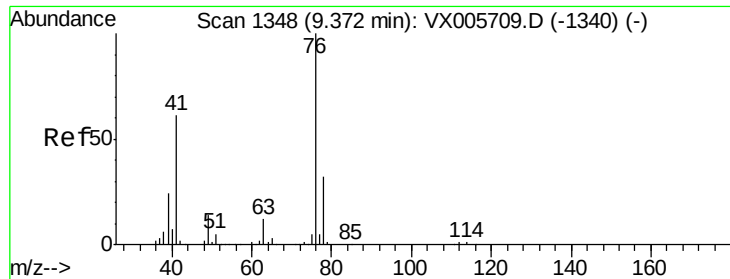
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#56
 Ethyl methacrylate
 Concen: 17.603 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.0	85.6
39	37.3	28.3	42.5





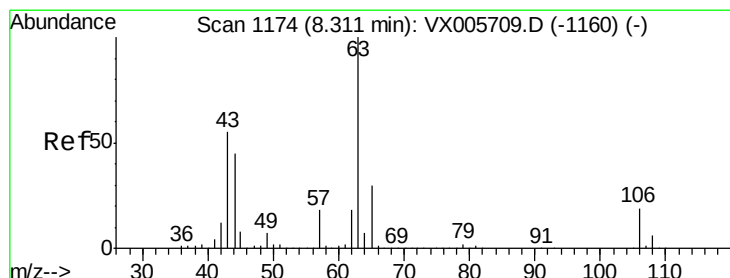
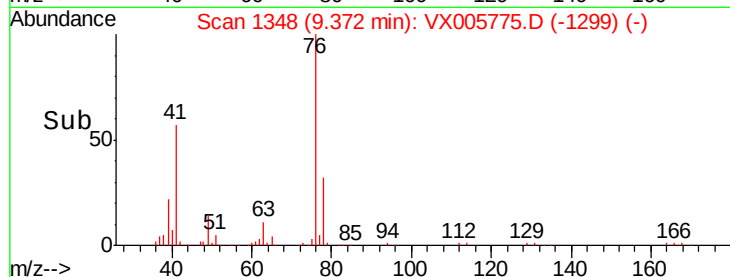
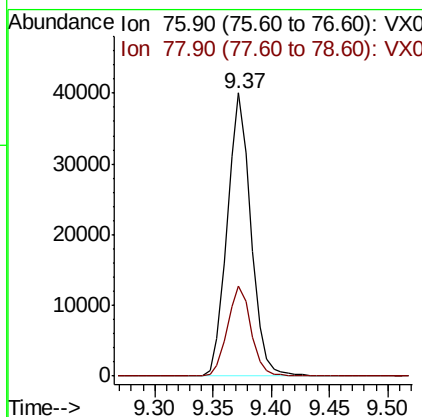
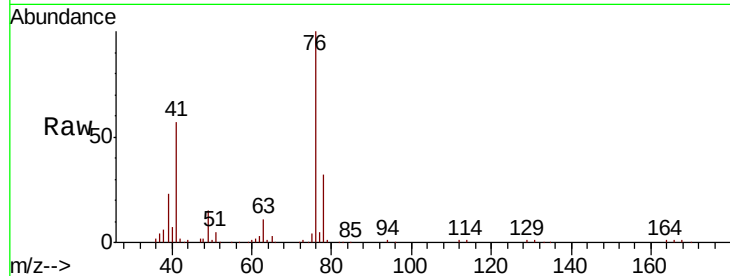
#57
 1,3-Dichloropropane
 Concen: 18.701 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion: 76 Resp: 56454
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9

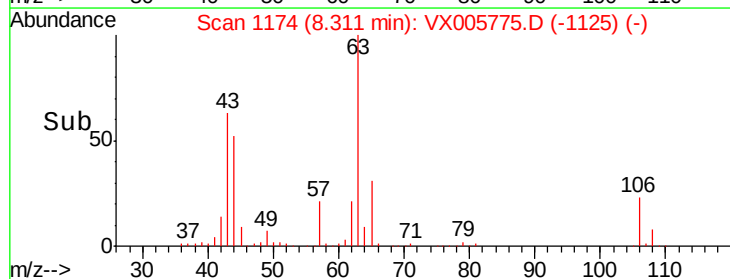
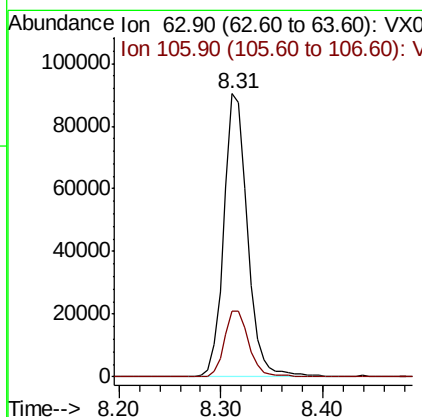
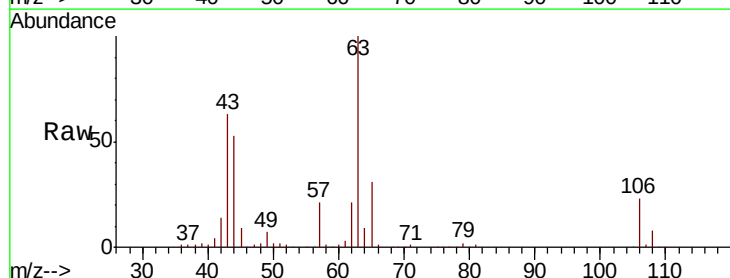
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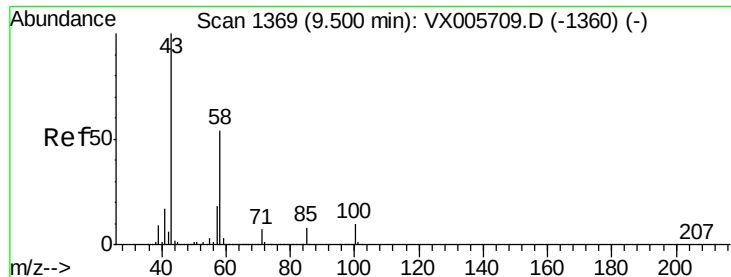
apatel
 11/6/2018 8:26:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.616 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 63 Resp: 145422
 Ion Ratio Lower Upper
 63 100
 106 24.1 21.3 31.9





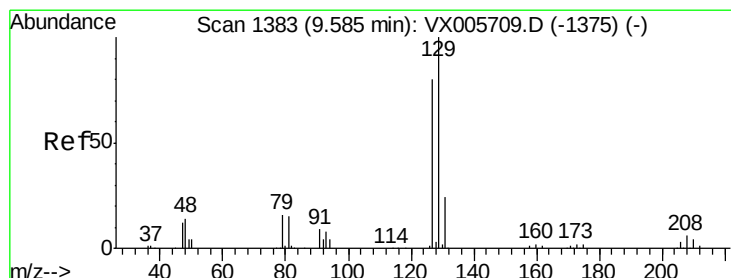
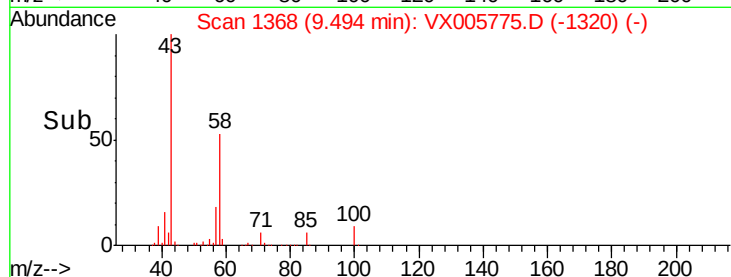
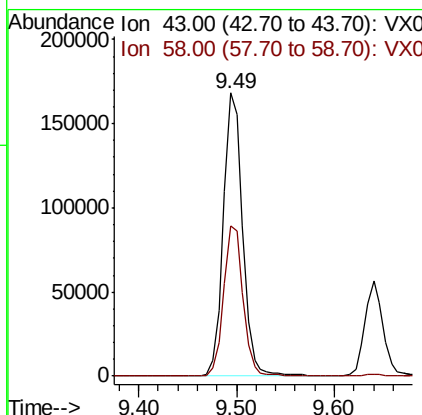
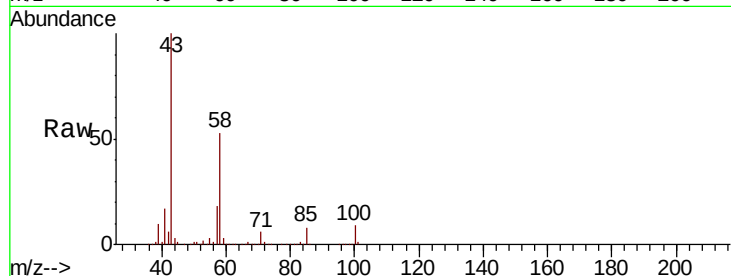
#59
2-Hexanone
Concen: 89.271 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	25.9	77.8

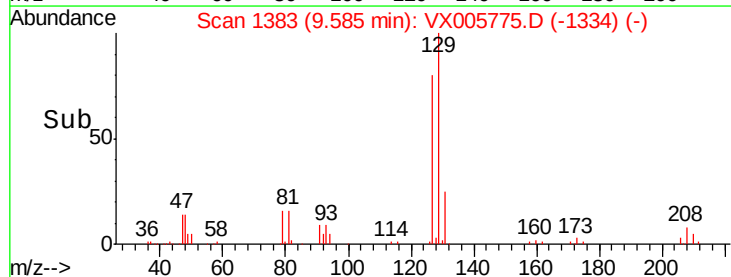
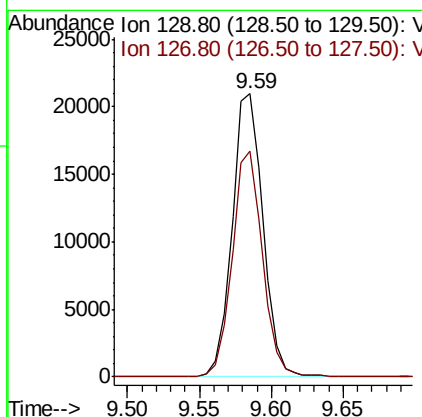
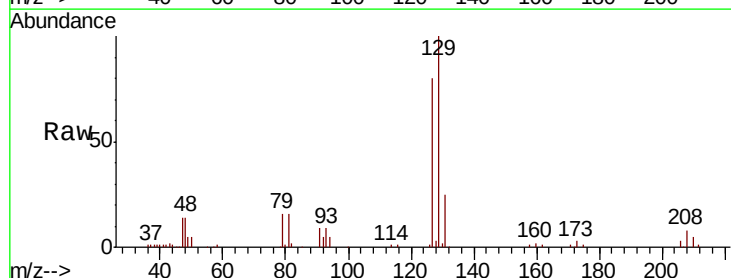
Manual Integrations
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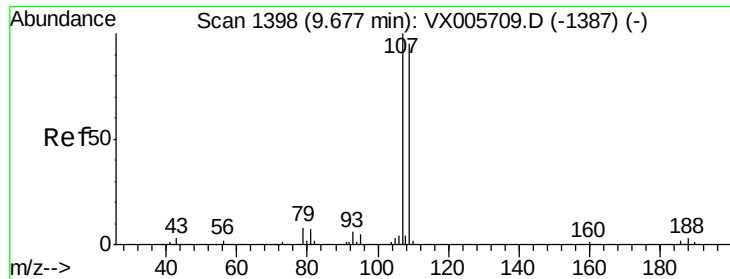
apatel
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#60
Dibromochloromethane
Concen: 18.433 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.9	116.7





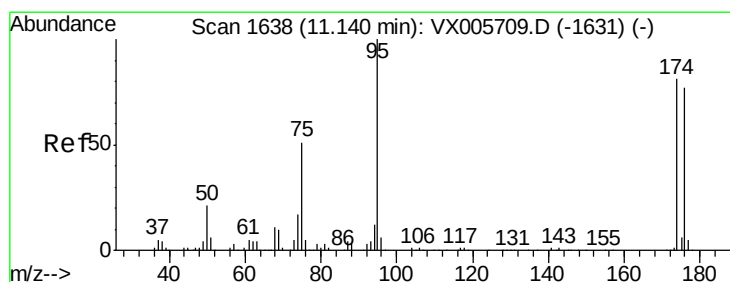
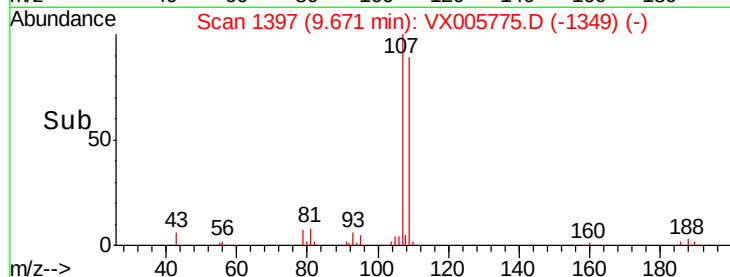
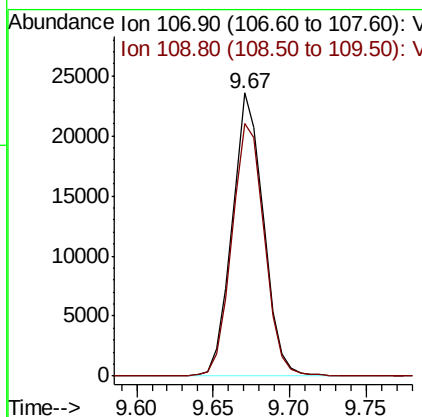
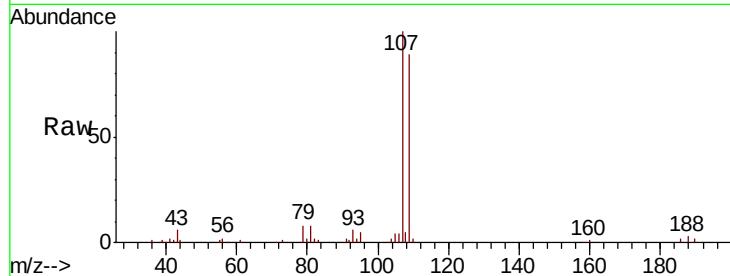
#61
 1,2-Dibromoethane
 Concen: 18.692 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX1105WBS01

Tot Ion:107 Resp: 33473
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.7 113.5

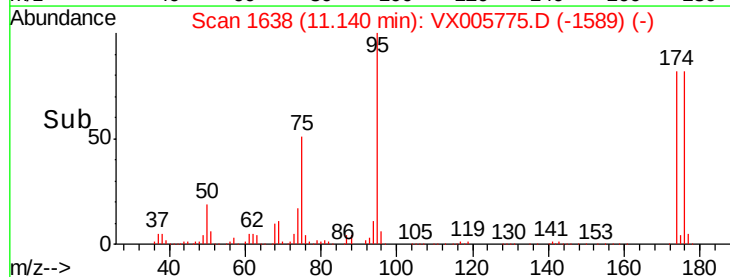
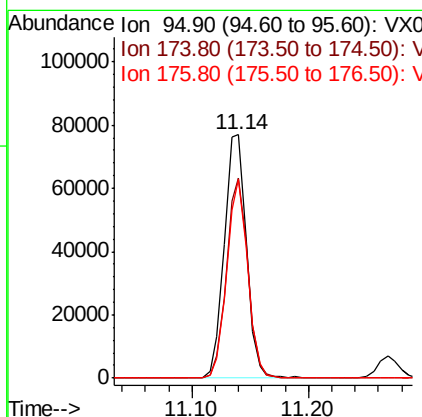
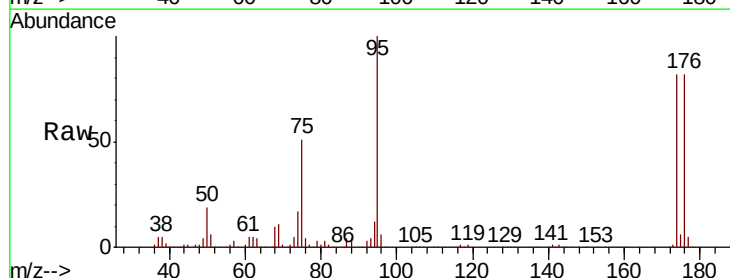
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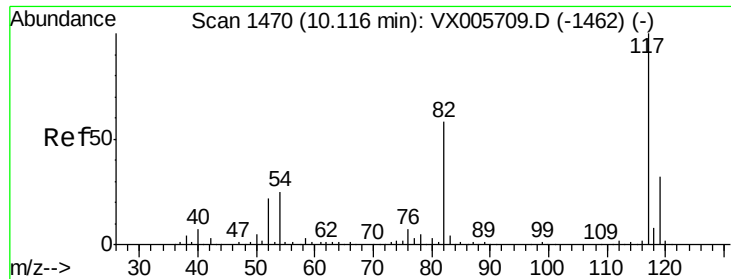
apatel
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#62
 4-Bromofluorobenzene
 Concen: 47.874 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion: 95 Resp: 101282
 Ion Ratio Lower Upper
 95 100
 174 79.4 0.0 184.4
 176 77.3 0.0 177.4





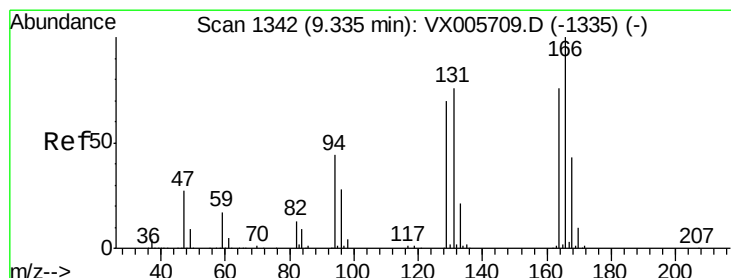
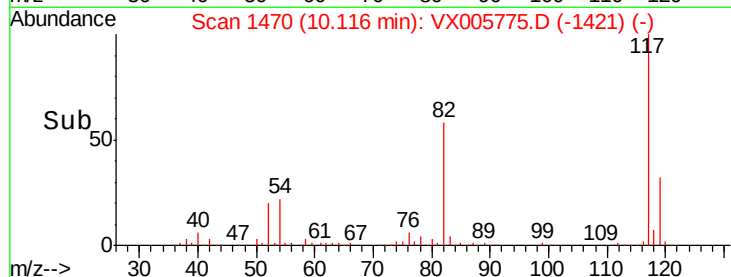
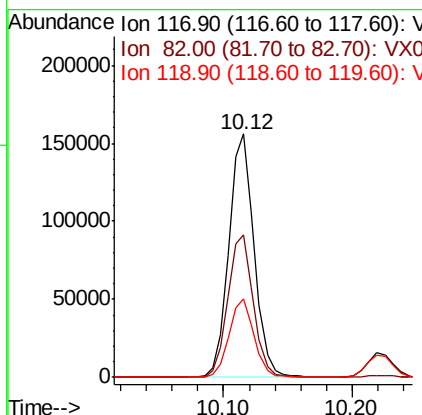
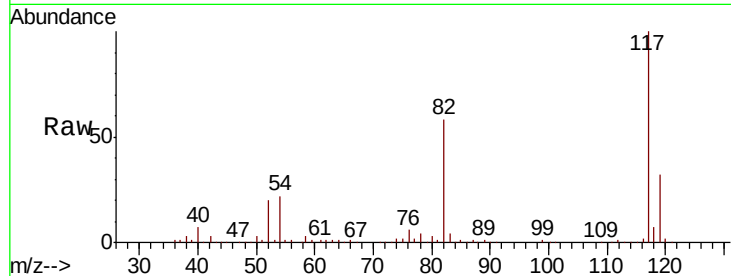
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	44.1	66.1
119	32.1	26.2	39.2

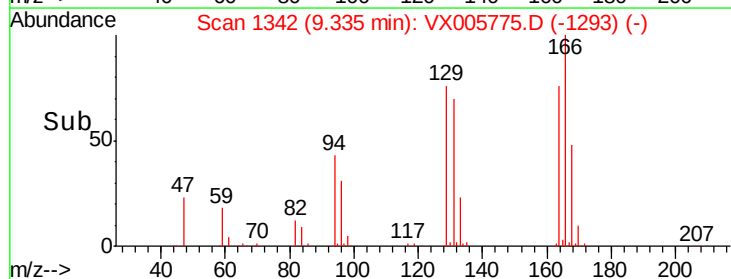
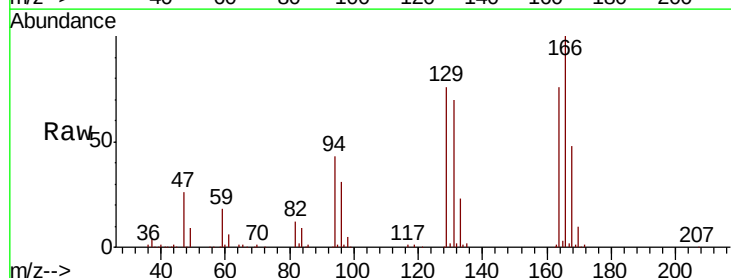
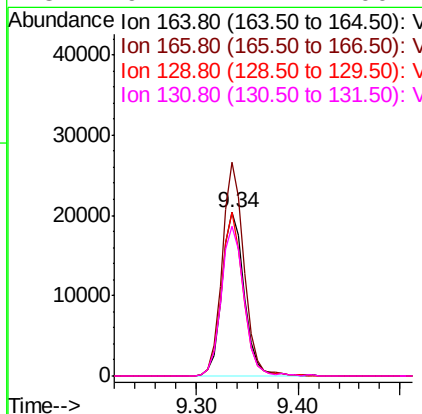
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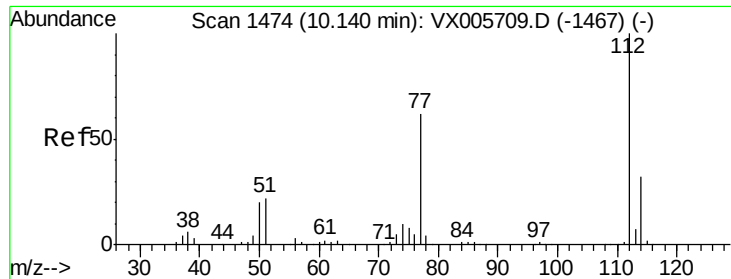
apatel
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#64
Tetrachloroethene
Concen: 19.653 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.9	152.9
129	100.0	72.6	109.0
131	92.1	71.1	106.7





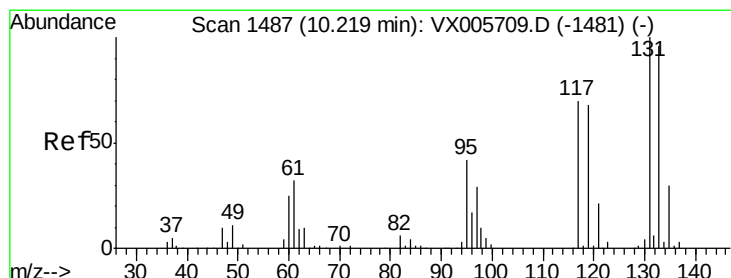
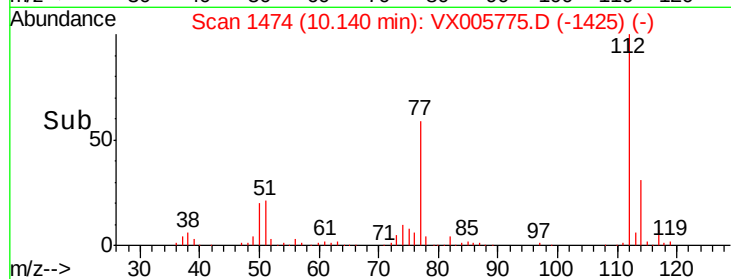
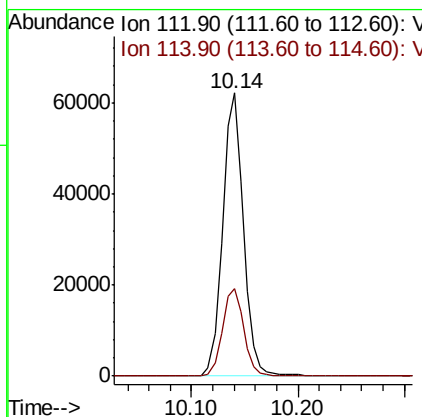
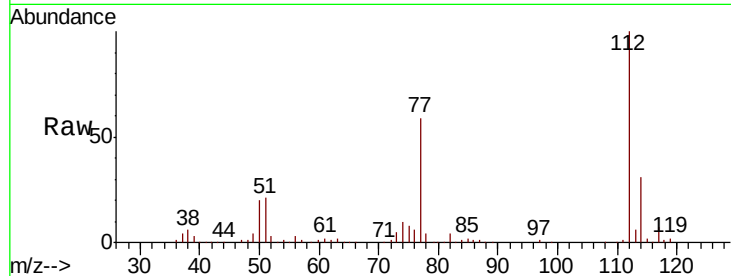
#65
Chlorobenzene
Concen: 18.566 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion:112 Resp: 84813
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6

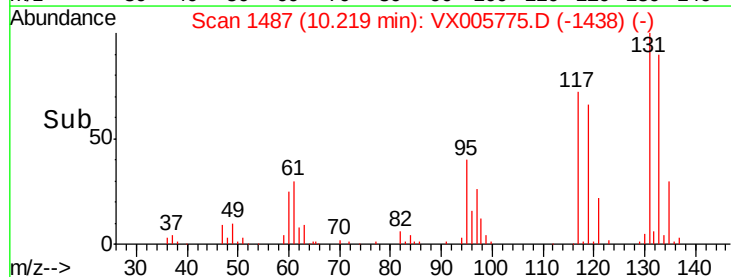
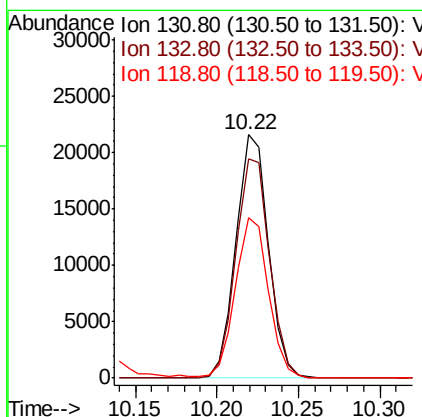
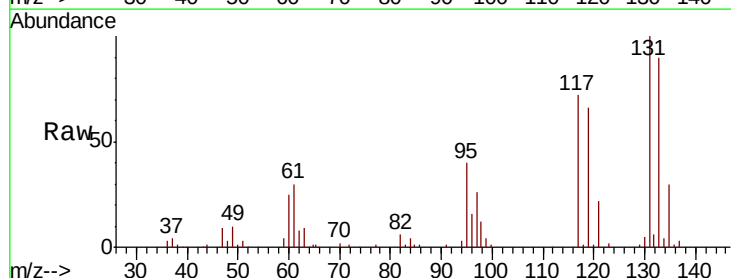
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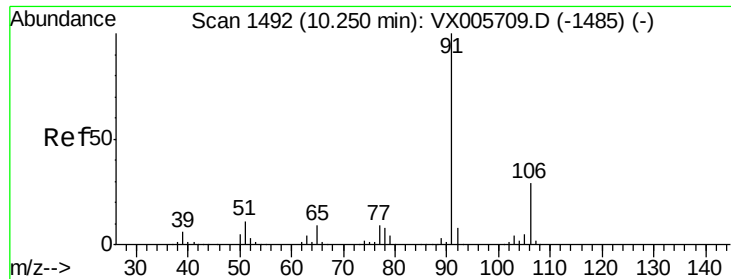
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.197 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:131 Resp: 30021
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.5
119 67.1 31.8 95.3





#67

Ethyl Benzene

Concen: 18.713 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion: 91 Resp: 145893

Ion Ratio Lower Upper

91 100

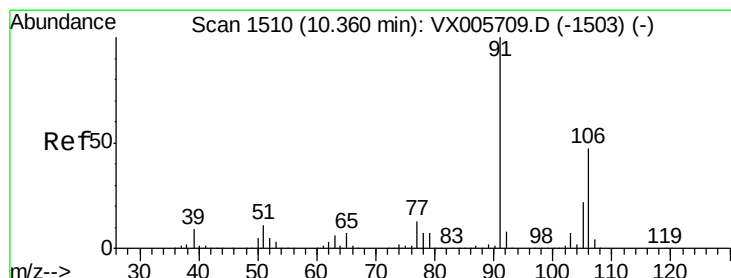
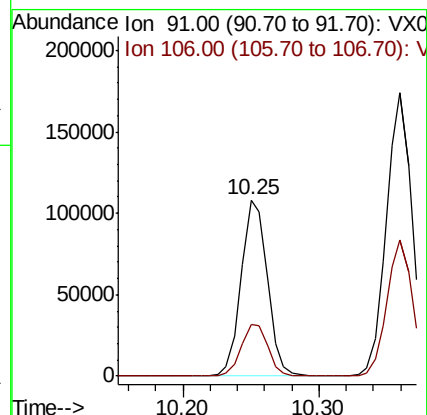
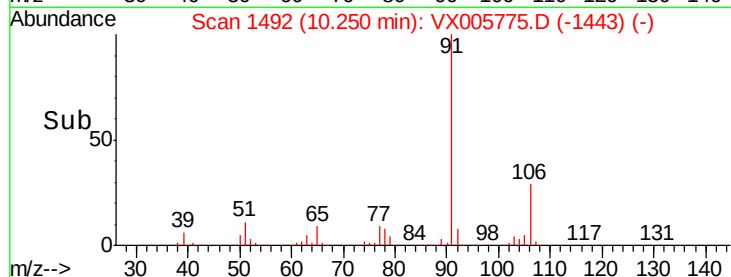
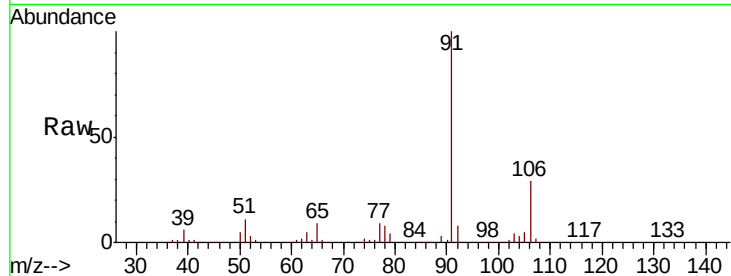
106 29.0 24.4 36.6

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#68

m/p-Xylenes

Concen: 38.189 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005775.D

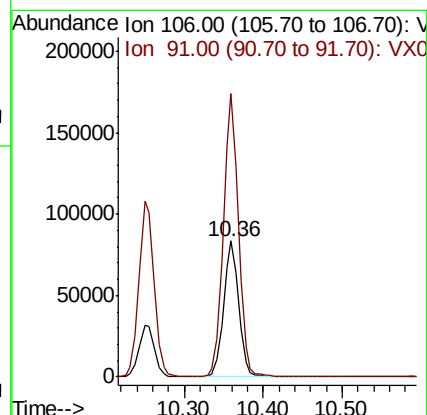
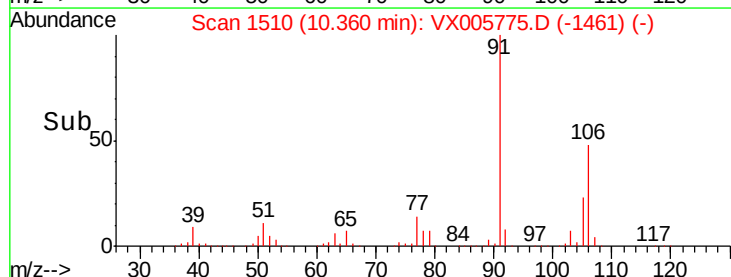
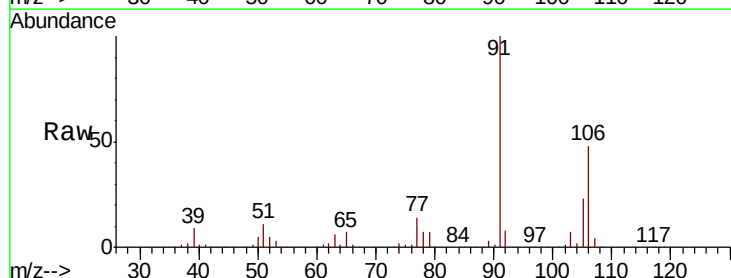
Acq: 05 Nov 2018 13:51

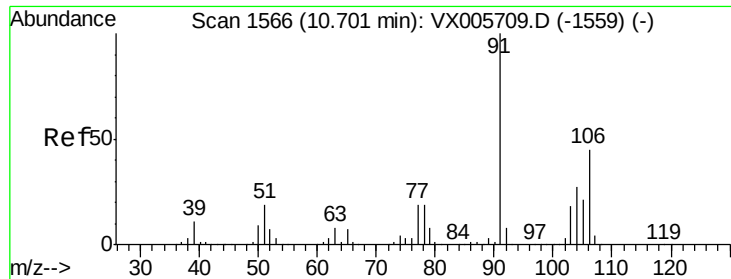
Tgt Ion: 106 Resp: 110633

Ion Ratio Lower Upper

106 100

91 210.5 164.2 246.4





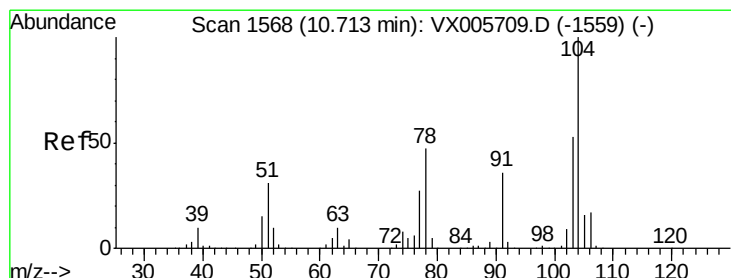
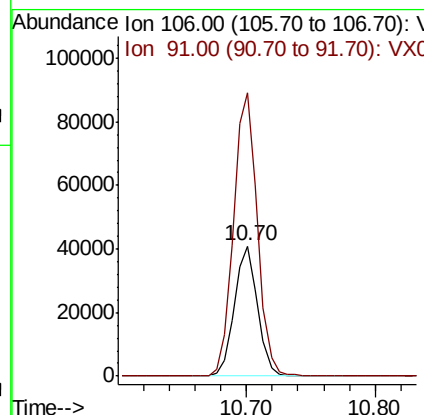
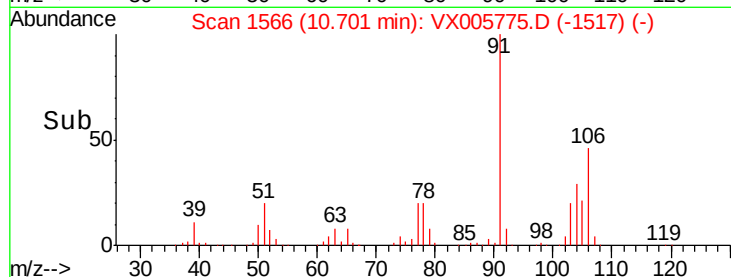
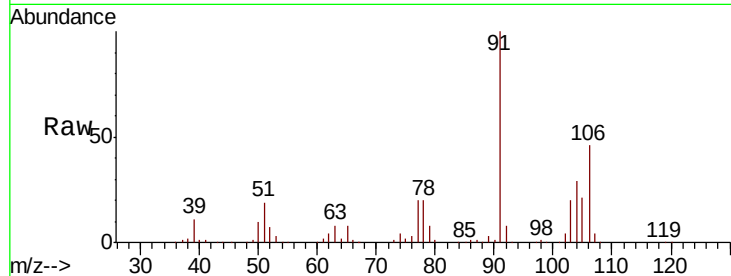
#69
o-Xylene
Concen: 18.707 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampled :
VX1105WBS01

Tot Ion:106 Resp: 51833
Ion Ratio Lower Upper
106 100
91 223.1 108.5 325.5

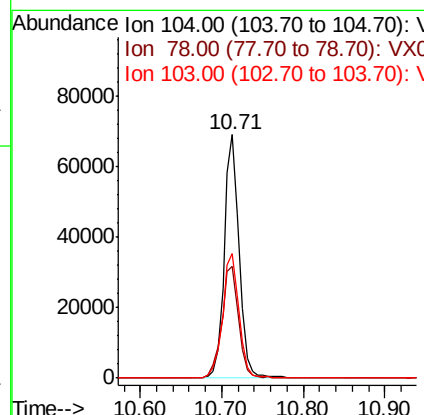
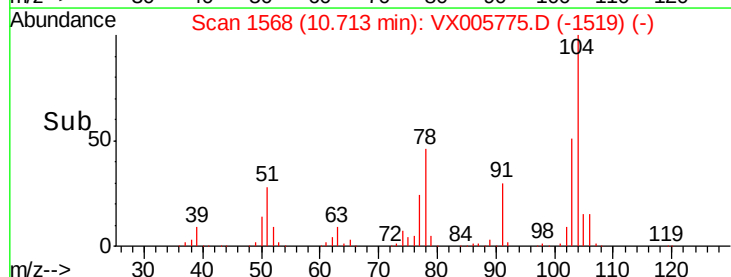
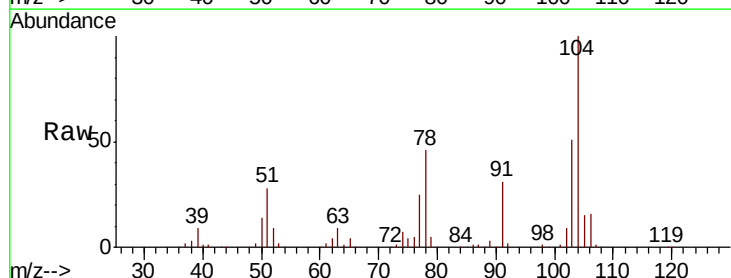
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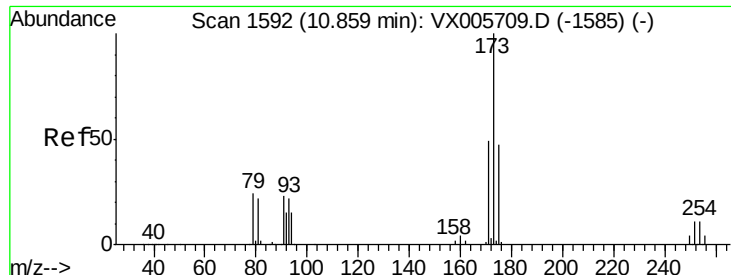
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#70
Styrene
Concen: 19.278 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion:104 Resp: 88716
Ion Ratio Lower Upper
104 100
78 52.4 40.2 60.4
103 56.6 44.9 67.3





#71

Bromoform

Concen: 18.110 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX1105WBS01

Tot Ion:173 Resp: 22946

Ion Ratio Lower Upper

173 100

175 50.7 24.8 74.3

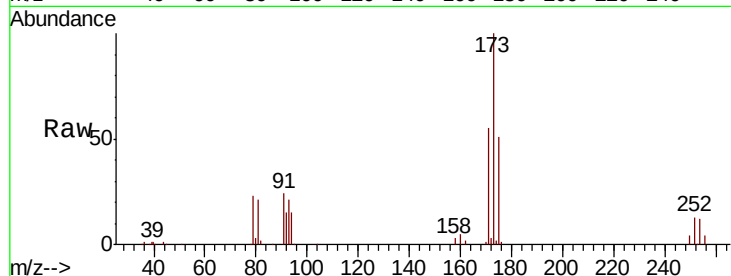
254 0.0 0.2 0.2#

Manual Integrations

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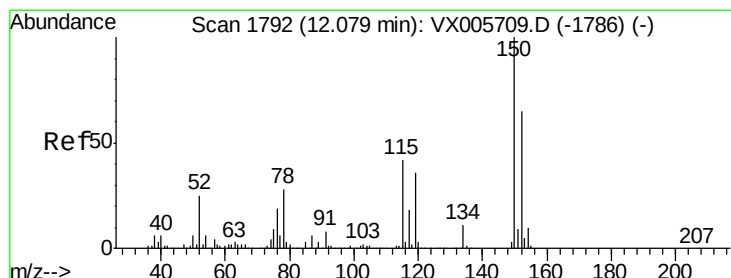
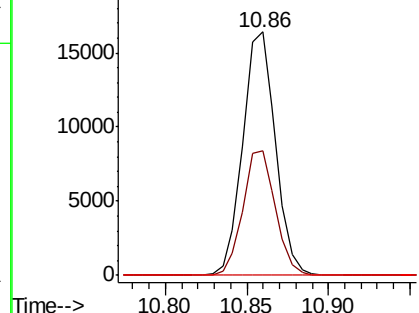
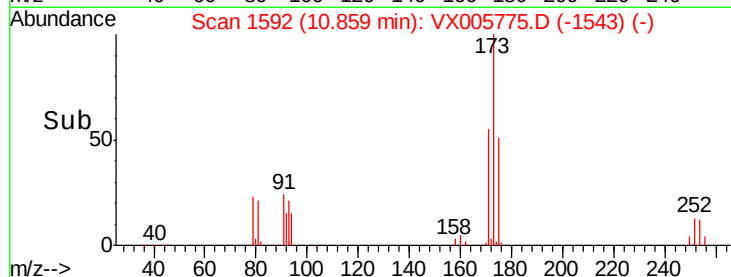
11/6/2018 8:26:58 AM



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: VX005775.D

Acq: 05 Nov 2018 13:51

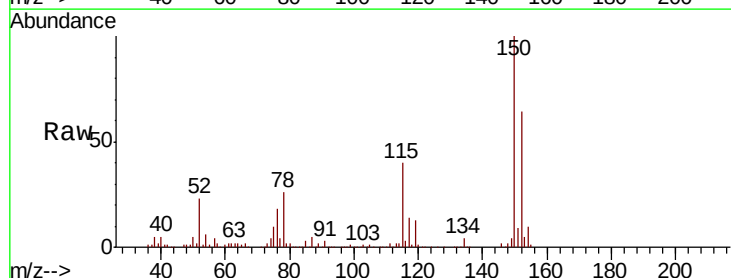
Tgt Ion:152 Resp: 111472

Ion Ratio Lower Upper

152 100

115 68.9 39.4 118.1

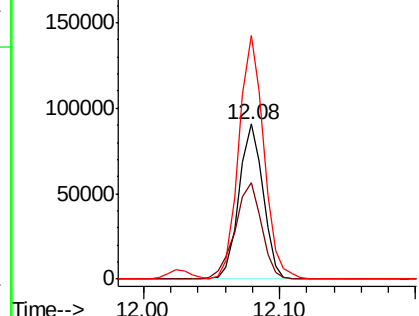
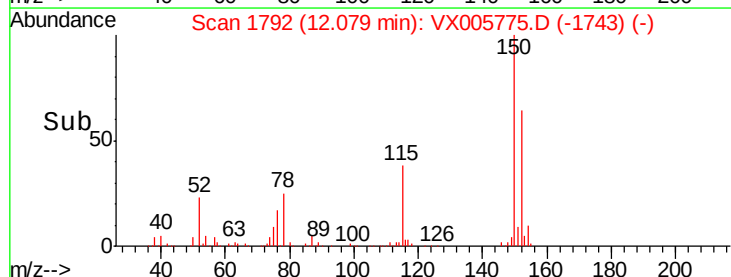
150 163.3 0.0 346.4

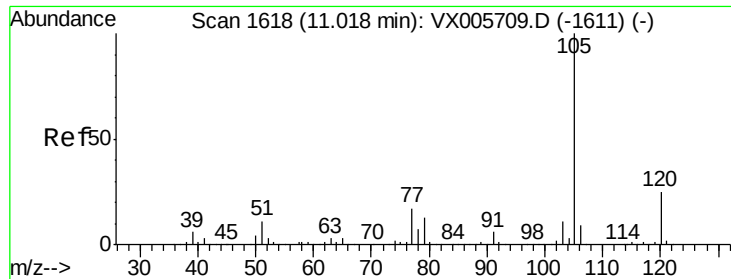


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





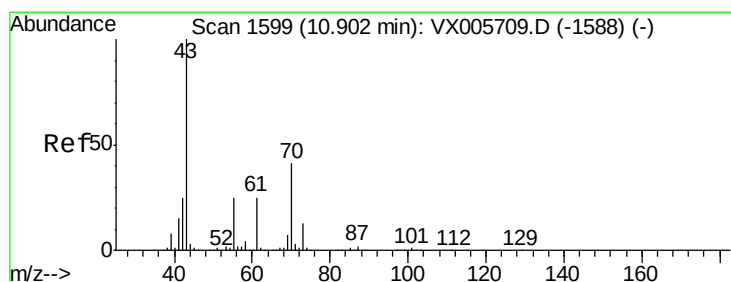
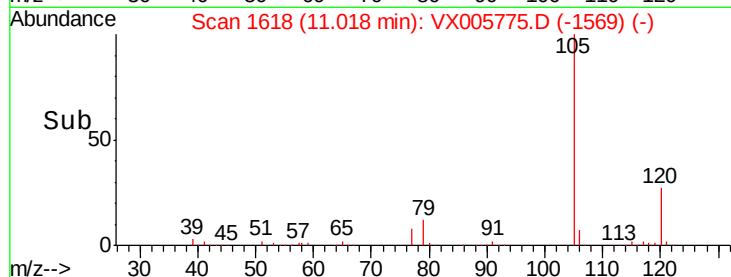
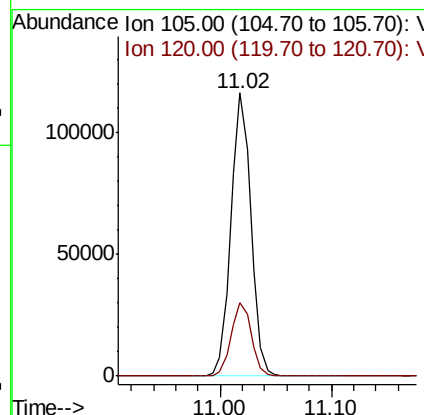
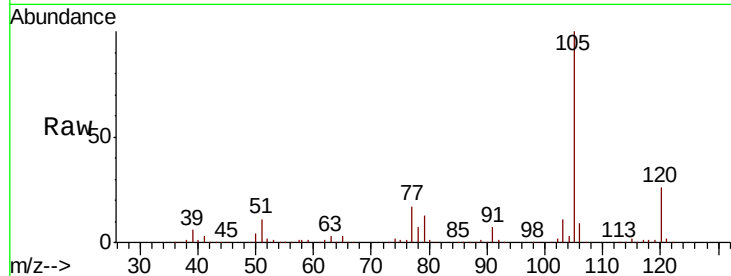
#73
Isopropylbenzene
Concen: 19.623 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

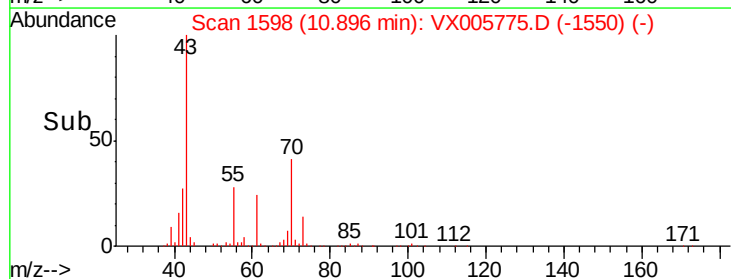
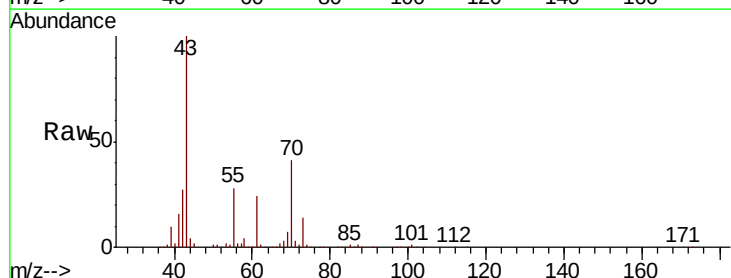
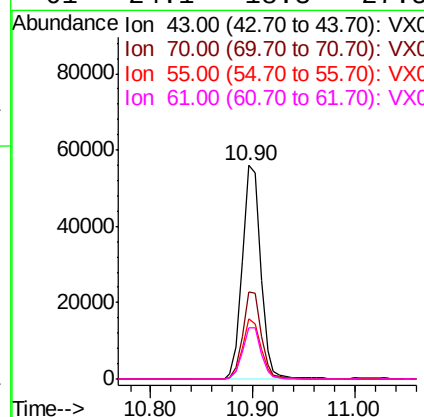
Manual Integrations
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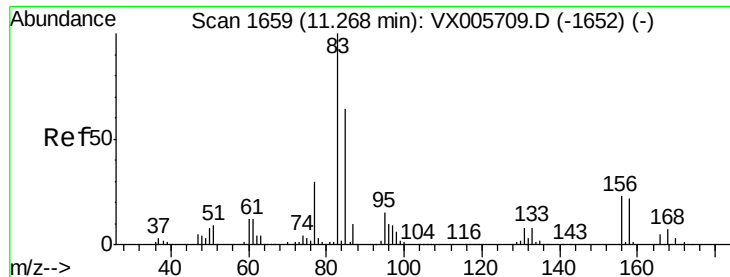
apatel
11/6/2018 8:26:58 AM



#74
N-ethyl acetate
Concen: 17.810 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.5	31.6	47.4
55	27.8	19.7	29.5
61	24.1	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.417 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

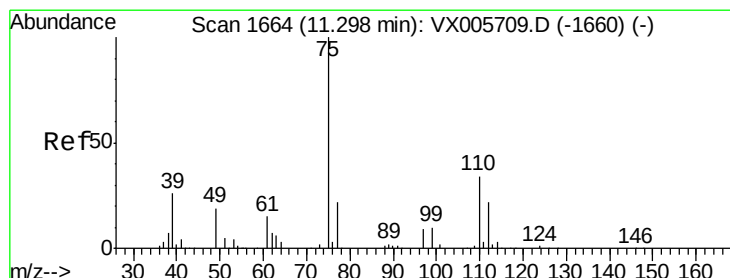
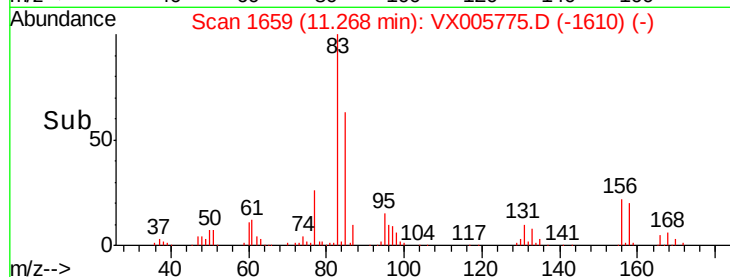
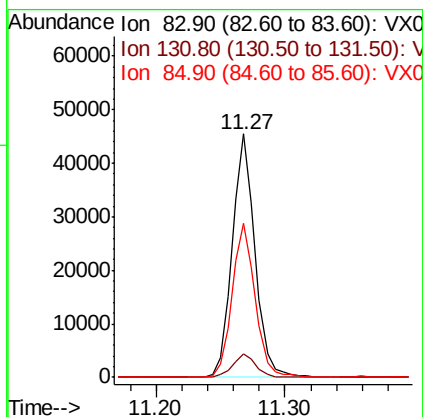
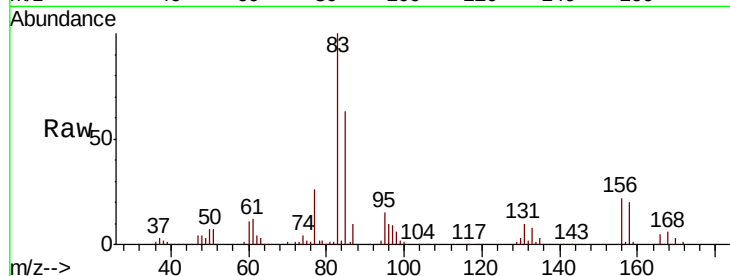
ClientSampleId :

VX1105WBS01

Tot Ion:	83	Resp:	56191
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	15.9
85	64.1	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 19.243 ug/l m

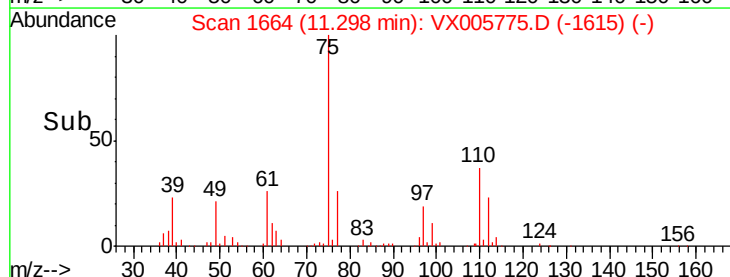
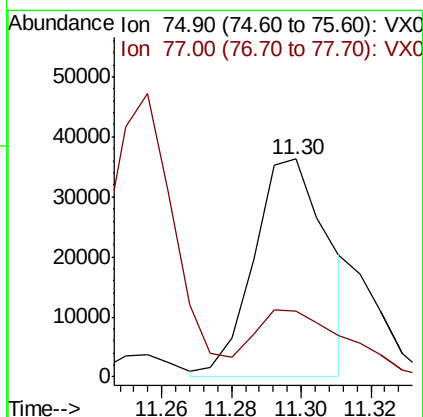
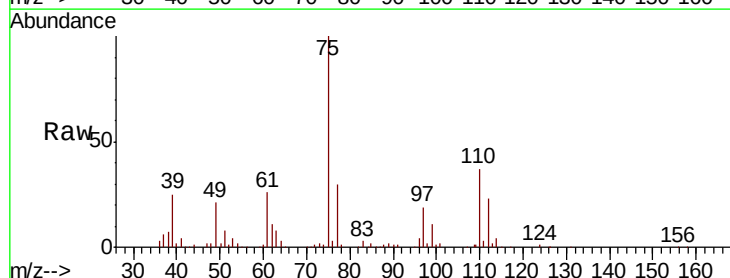
RT: 11.30 min Scan# 1664

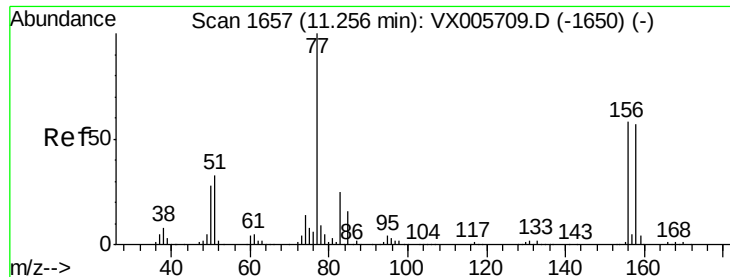
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	75	Resp:	53425
Ion Ratio	Lower	Upper	
75	100		
77	38.3	20.5	61.6





#77

Bromobenzene

Concen: 19.843 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

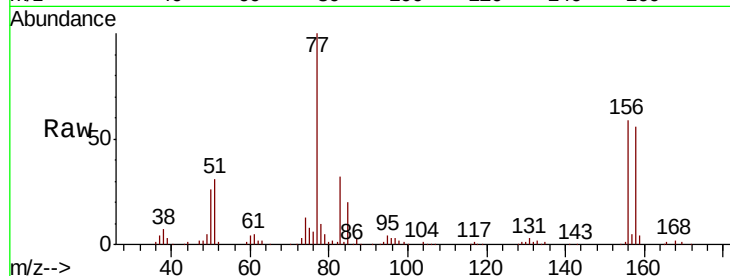
ClientSampleId :

VX1105WBS01

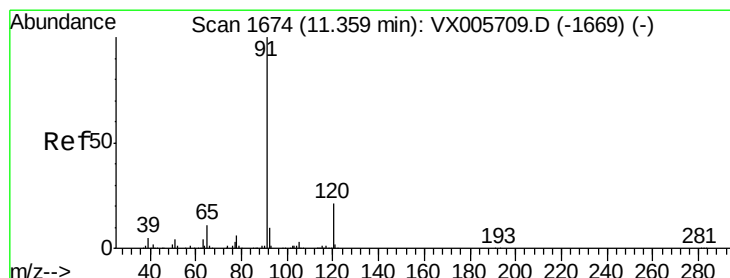
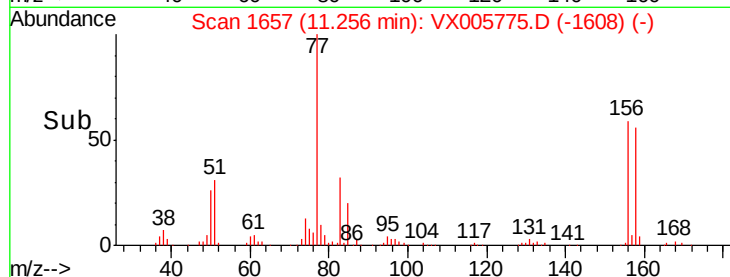
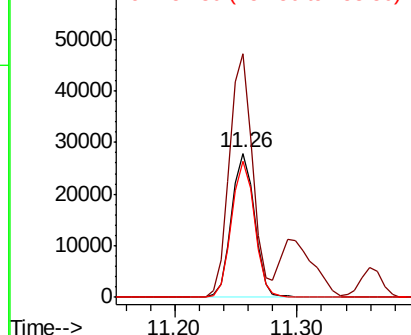
Tot Ion:	156	Resp:	36201
Ion	Ratio	Lower	Upper
156	100		
77	171.8	74.8	224.4
158	95.0	49.1	147.3

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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



#78

n-propylbenzene

Concen: 19.522 ug/l

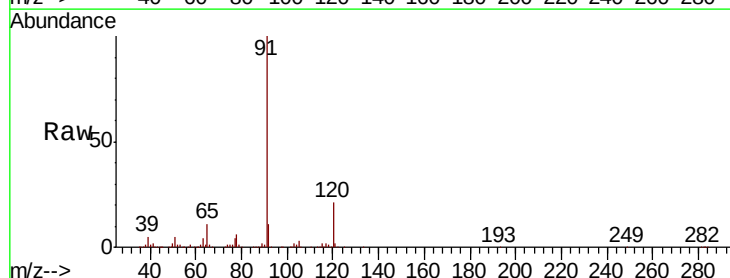
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

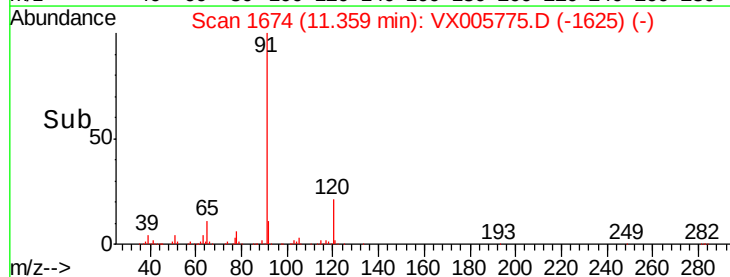
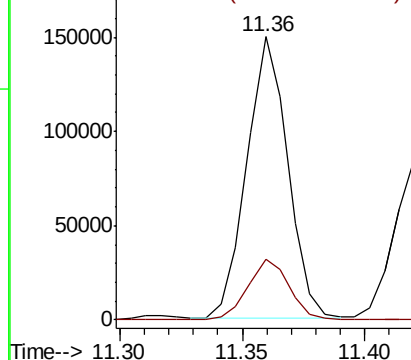
Lab File: VX005775.D

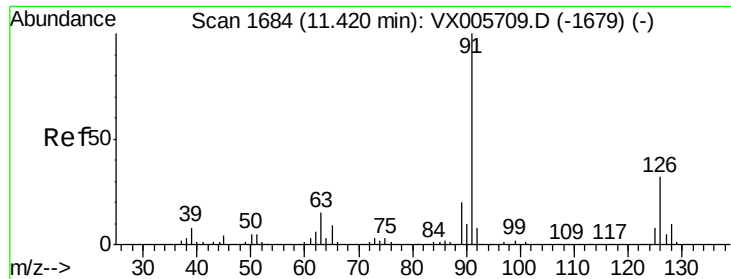
Acq: 05 Nov 2018 13:51

Tgt Ion:	91	Resp:	174650
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.352 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VX1105WBS01

Tot Ion: 91 Resp: 103406

Ion Ratio Lower Upper

91 100

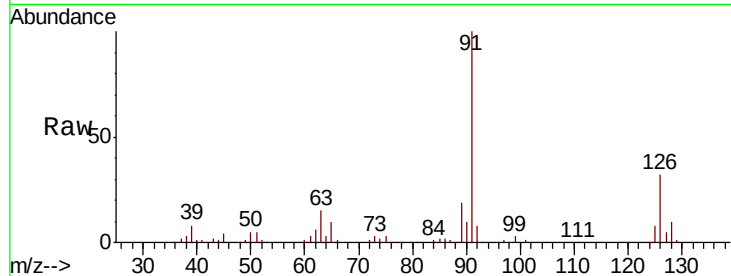
126 32.9 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005709.D (-1679) (-)

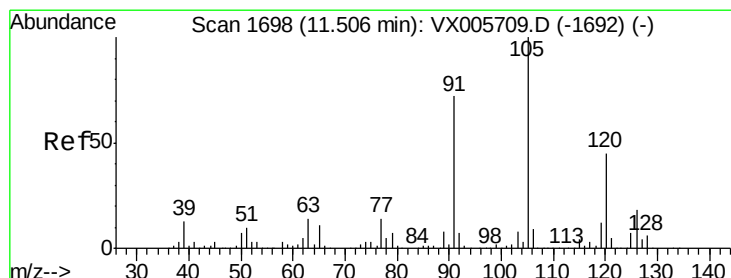
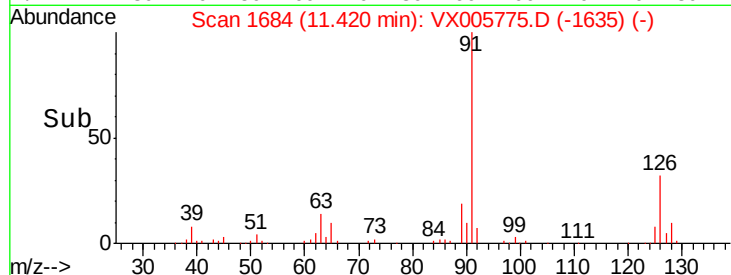
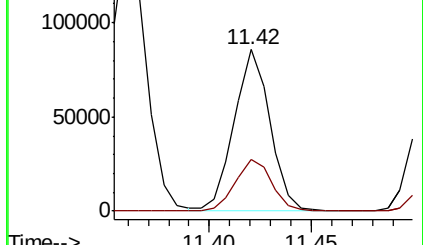
150000

100000

50000

0

11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.746 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005775.D

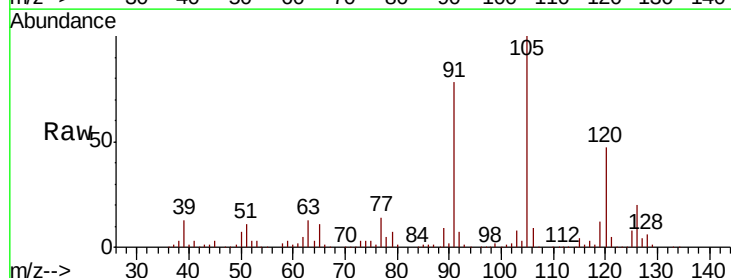
Acq: 05 Nov 2018 13:51

Tgt Ion: 105 Resp: 123300

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005709.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005709.D (-1692) (-)

120000

100000

80000

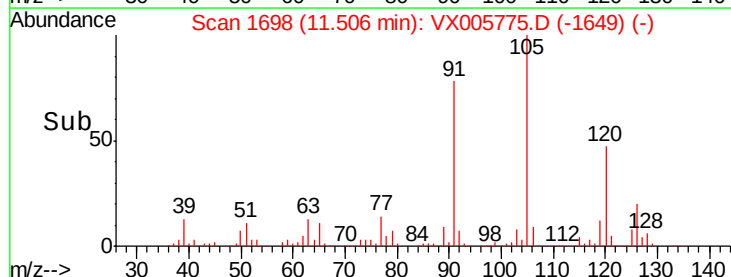
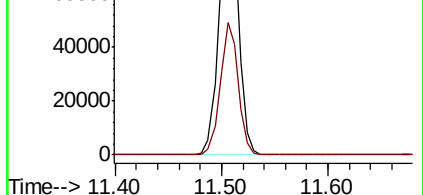
60000

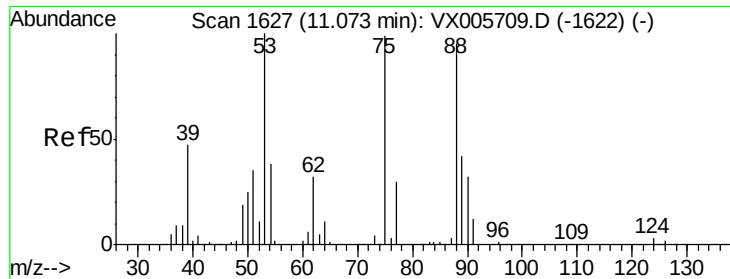
40000

20000

0

11.40 11.50 11.60





#81

trans-1,4-Dichloro-2-butene

Concen: 18.168 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

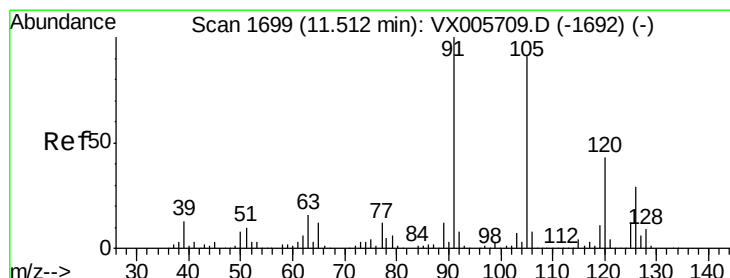
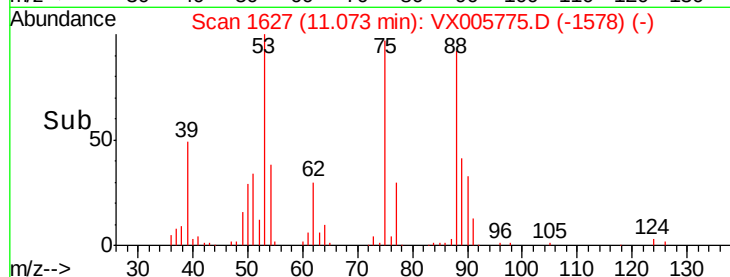
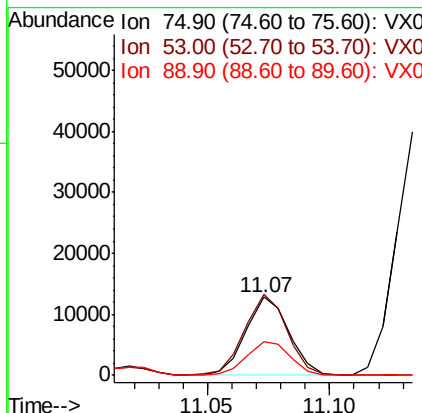
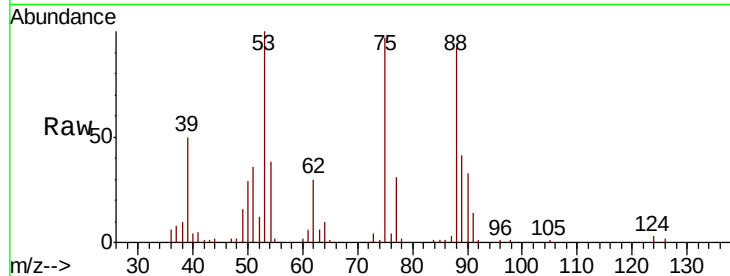
ClientSampleId :

VX1105WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.3	80.2	120.2
89	45.2	39.8	59.8

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#82

4-Chlorotoluene

Concen: 19.333 ug/l

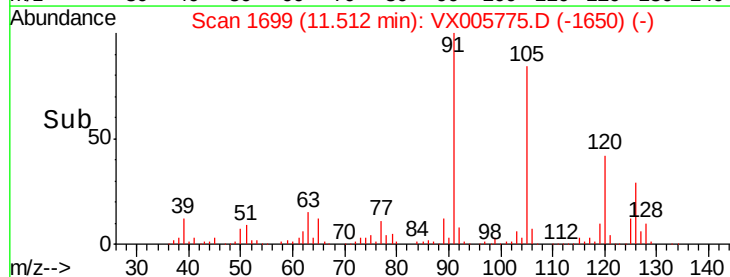
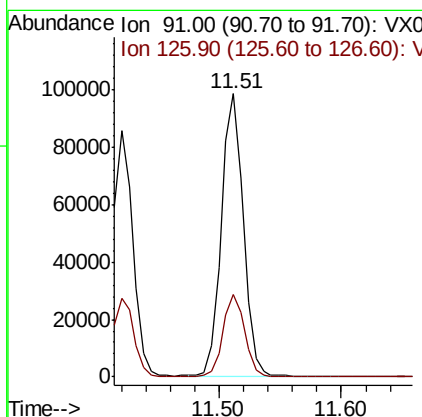
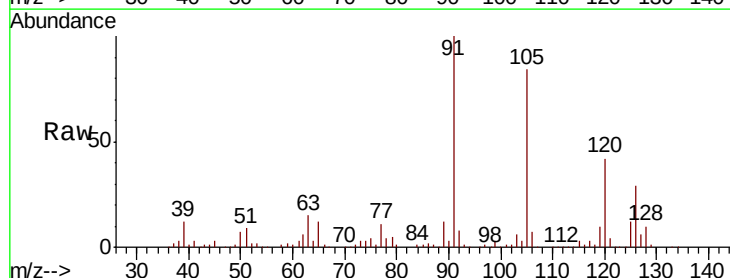
RT: 11.51 min Scan# 1699

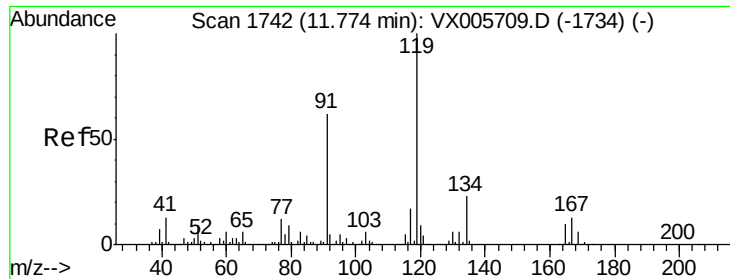
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	15.2	45.6





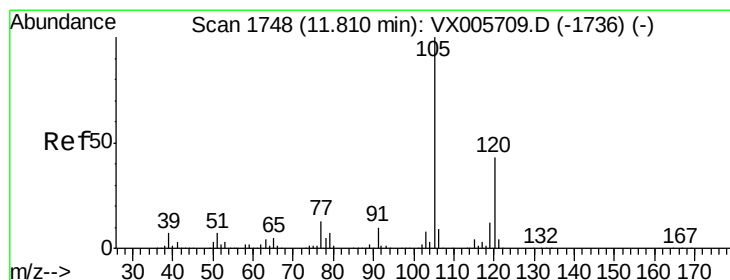
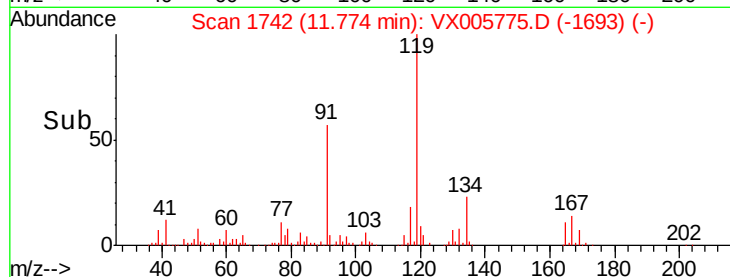
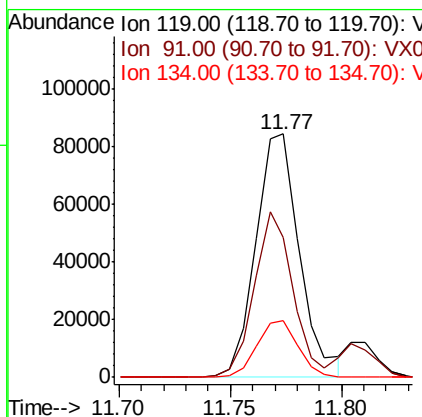
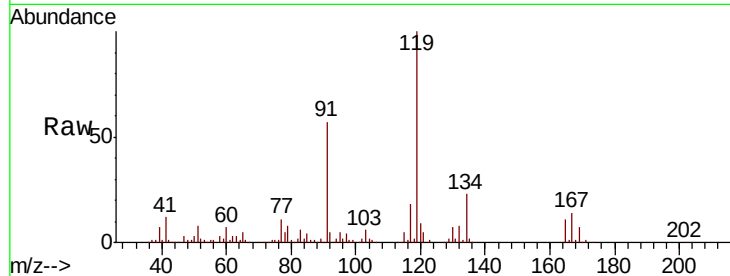
#83
 tert-Butylbenzene
 Concen: 19.444 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX1105WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	115851		
91	60.0	28.5	85.5	
134	22.0	11.3	33.8	

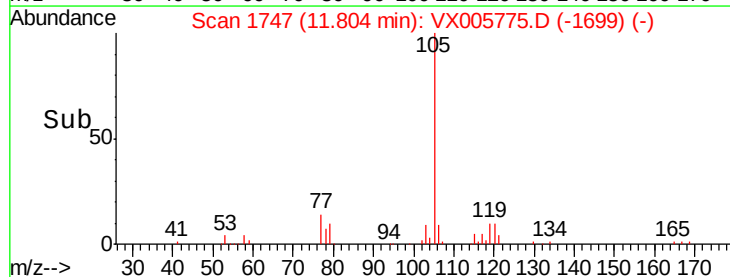
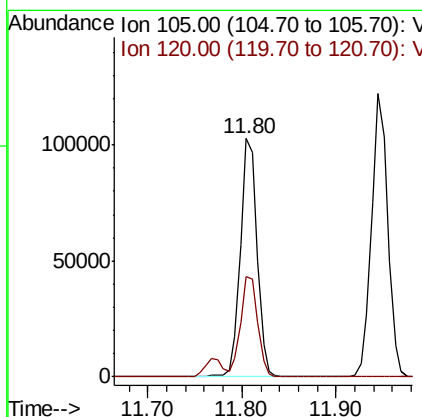
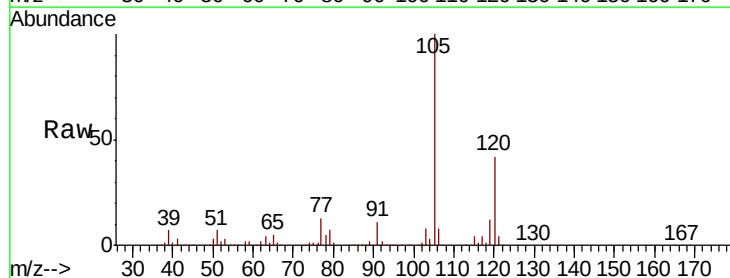
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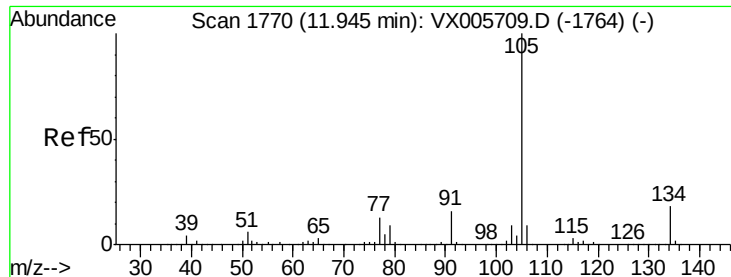
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.201 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127380		
120	42.7	22.4	67.0	





#85

sec-Butylbenzene

Concen: 19.163 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VX1105WBS01

Tot Ion:105 Resp: 146458

Ion Ratio Lower Upper

105 100

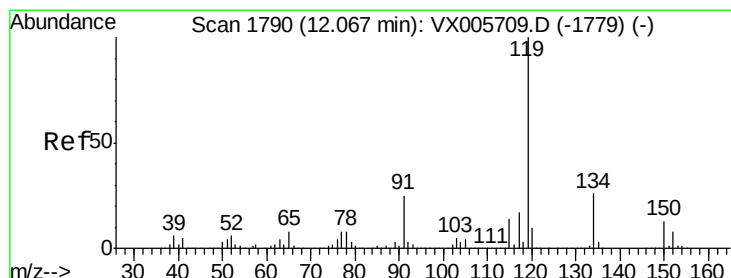
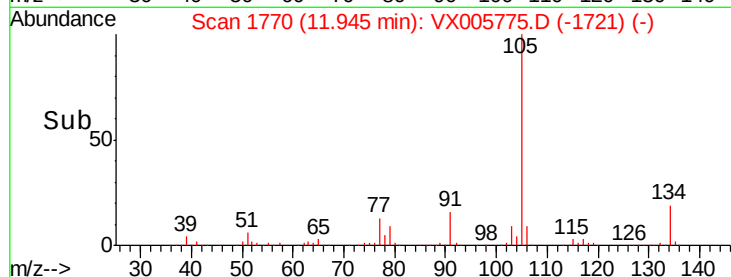
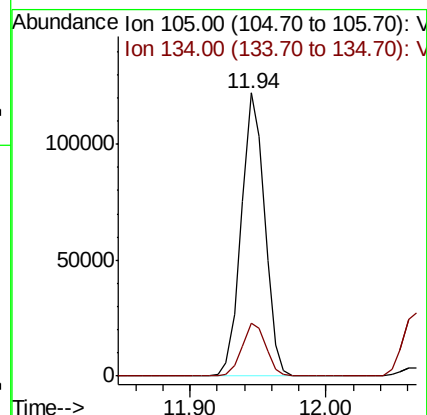
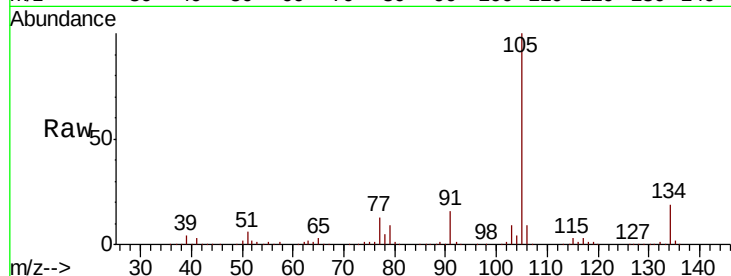
134 19.2 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 19.515 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

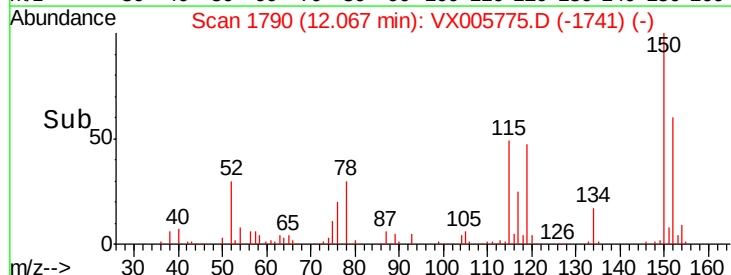
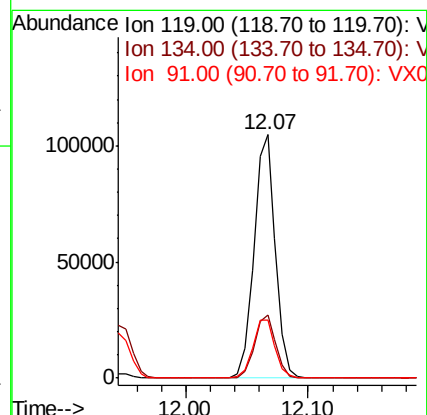
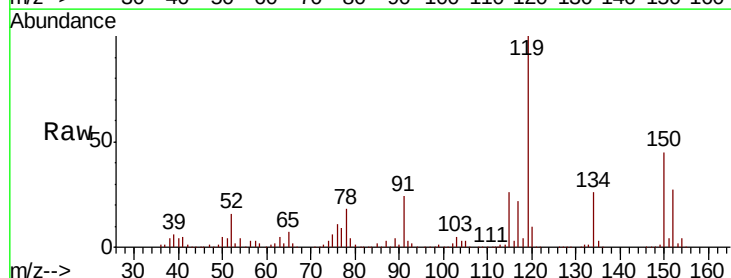
Tgt Ion:119 Resp: 126846

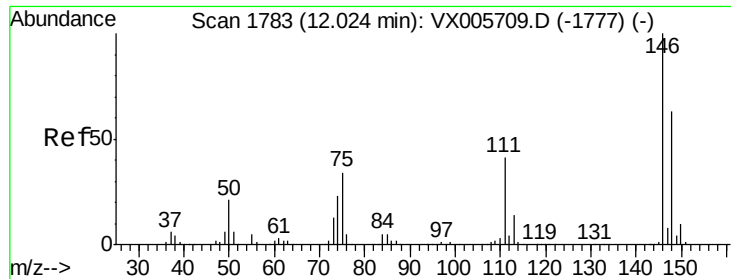
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.1 11.4 34.2





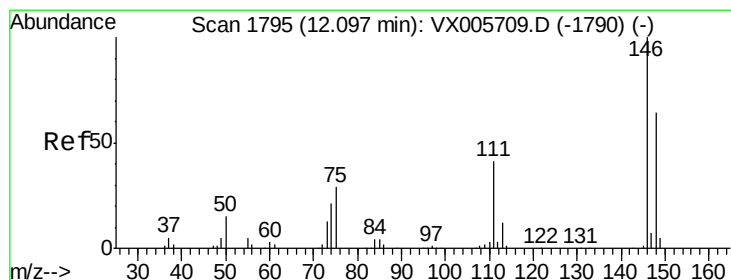
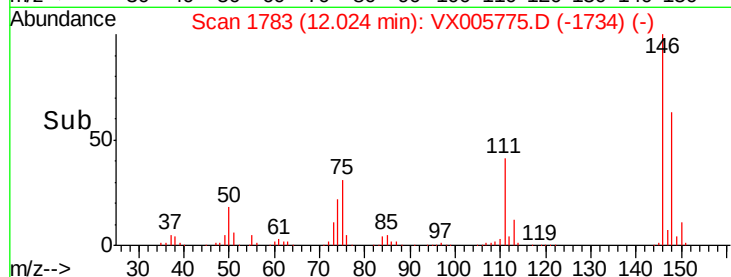
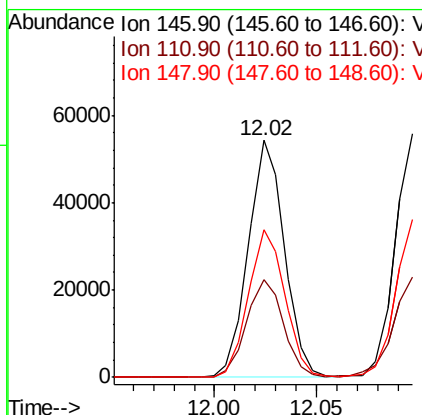
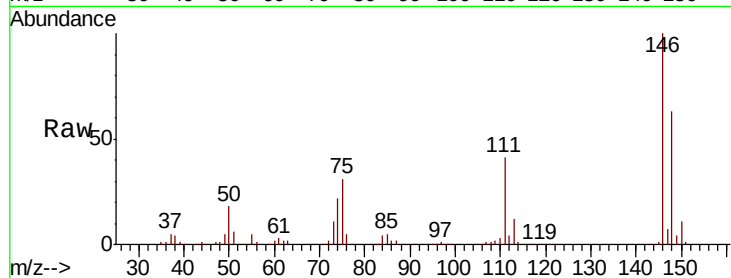
#87
 1,3-Dichlorobenzene
 Concen: 19.029 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1105WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	19.0	57.0
148	63.0	31.9	95.9

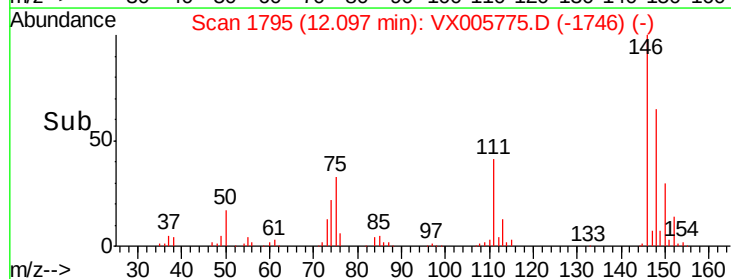
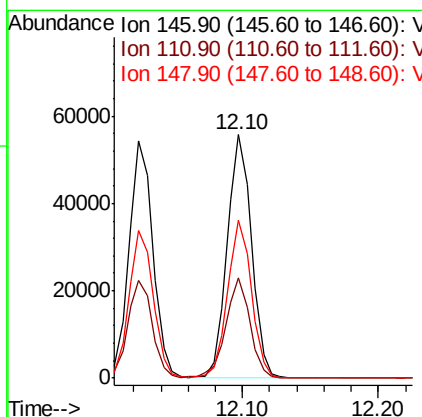
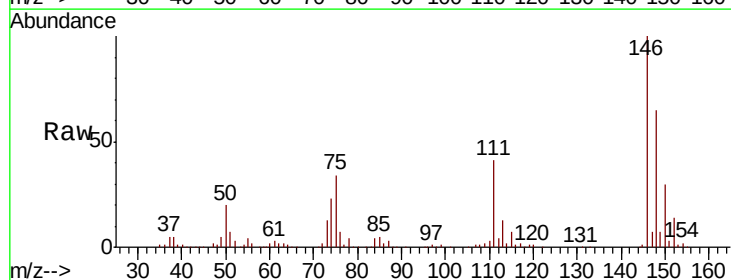
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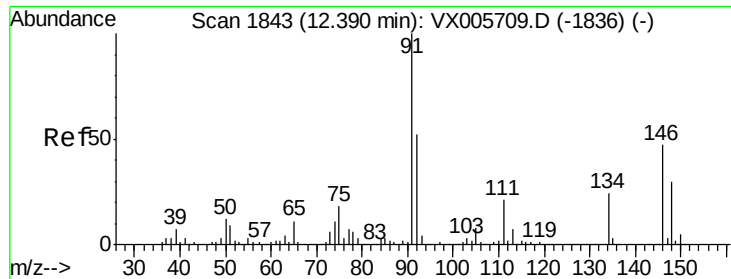
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#88
 1,4-Dichlorobenzene
 Concen: 18.275 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.6	55.8
148	63.9	32.1	96.3





#89

n-Butylbenzene

Concen: 18.343 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

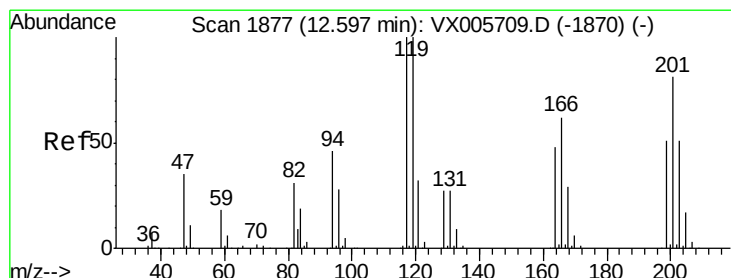
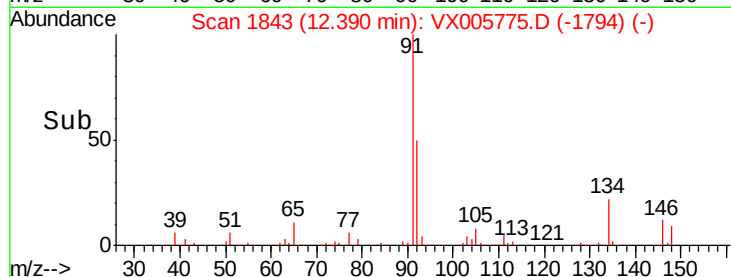
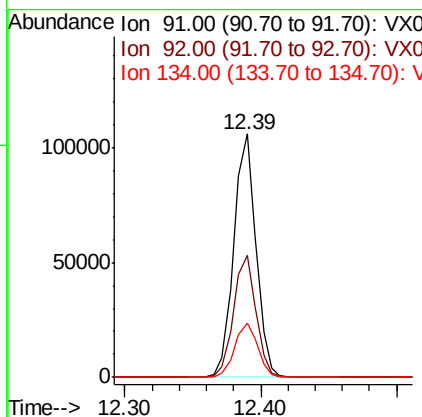
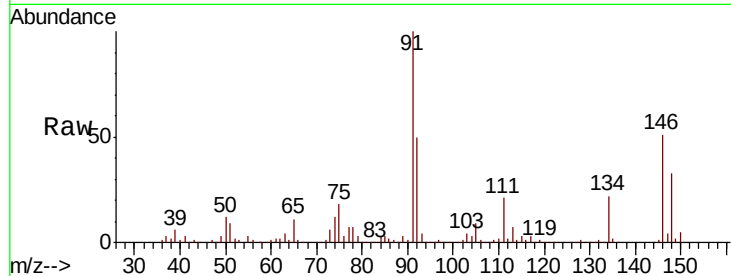
ClientSampled :

VX1105WBS01

Tot Ion:	91	Resp:	120299
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.1	78.2
134	23.0	13.1	39.3

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#90

Hexachloroethane

Concen: 18.010 ug/l

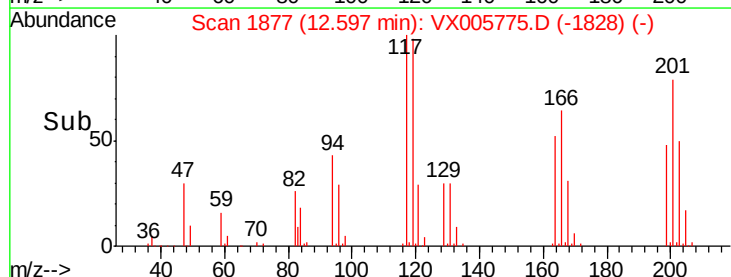
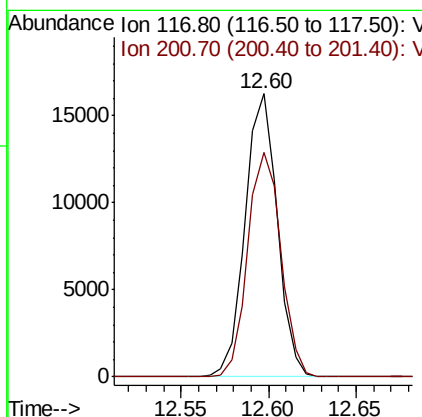
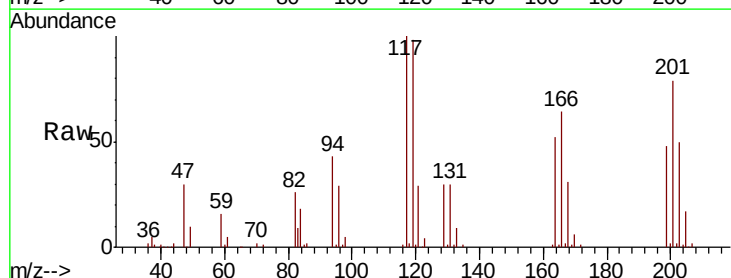
RT: 12.60 min Scan# 1877

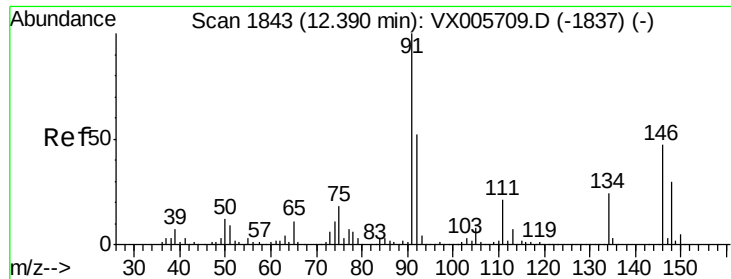
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	117	Resp:	20769
Ion Ratio	Lower	Upper	
117	100		
201	82.0	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 18.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Instrument :

MSVOA_X

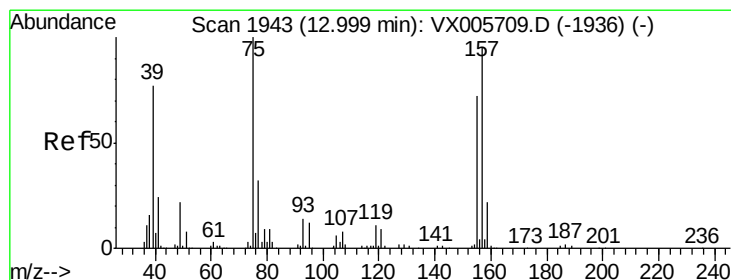
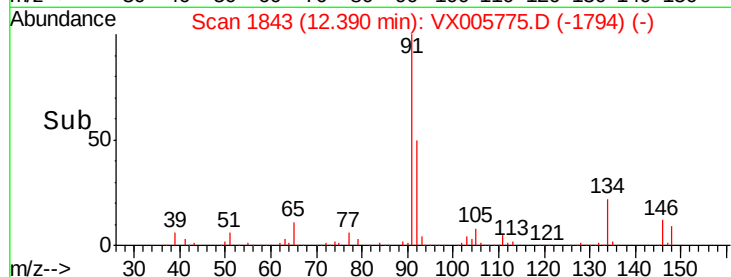
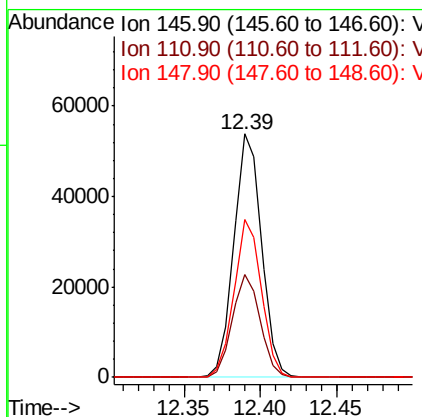
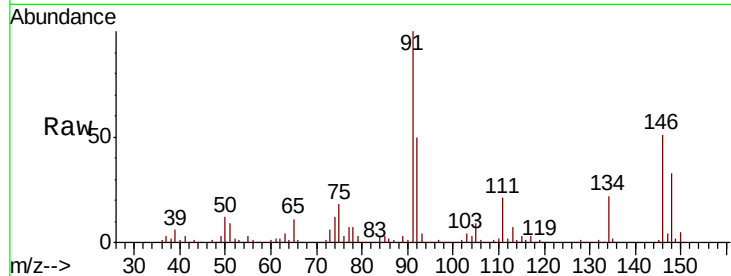
ClientSampleId :

VX1105WBS01

Tot Ion:	146	Resp:	67588
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.0	59.9
148	64.3	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.832 ug/l

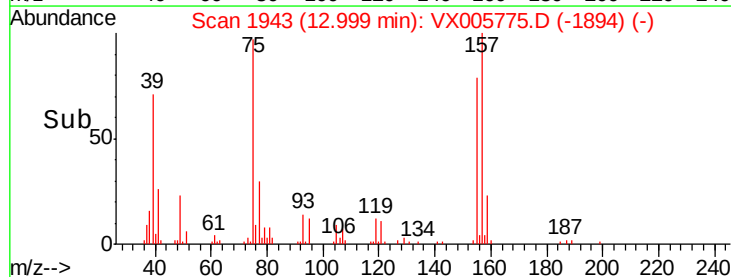
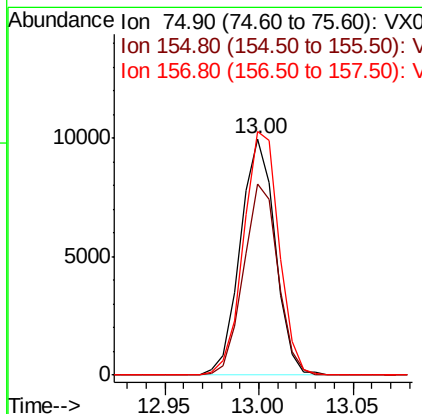
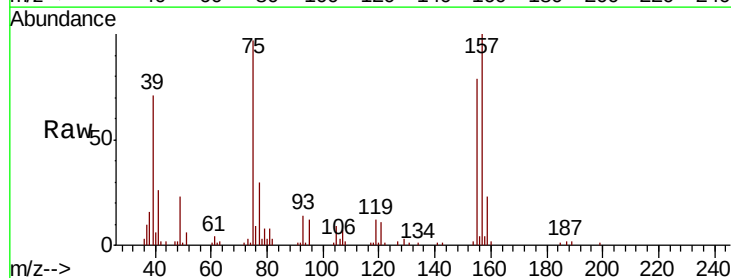
RT: 13.00 min Scan# 1943

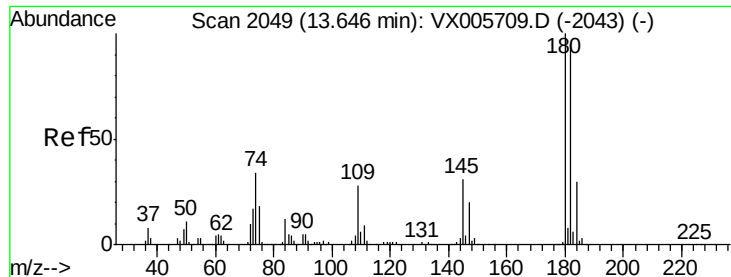
Delta R.T. 0.00 min

Lab File: VX005775.D

Acq: 05 Nov 2018 13:51

Tgt Ion:	75	Resp:	12761
Ion Ratio	Lower	Upper	
75	100		
155	80.0	45.4	136.1
157	105.3	57.4	172.0





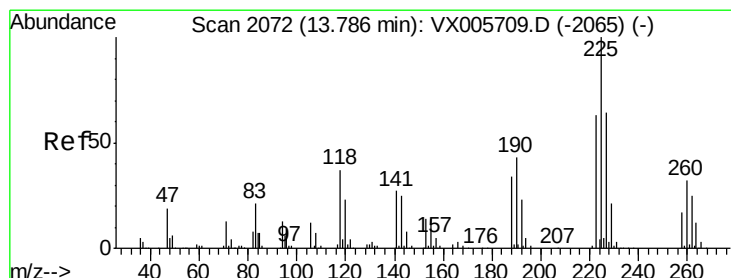
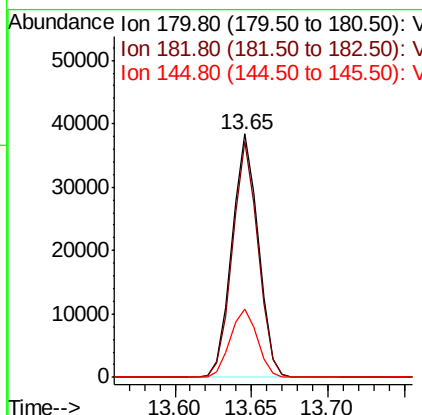
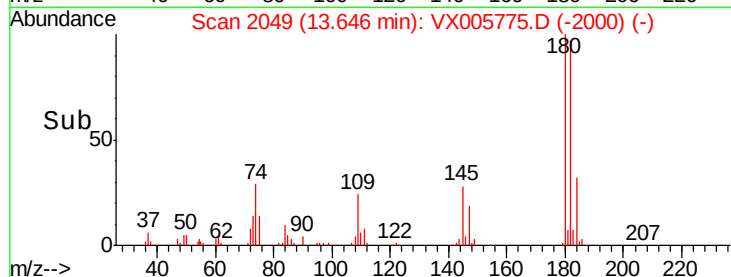
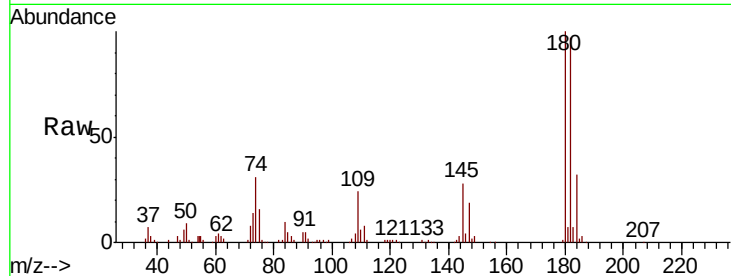
#93
 1,2,4-Trichlorobenzene
 Concen: 19.393 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX1105WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.8
145	28.8	14.1	42.2

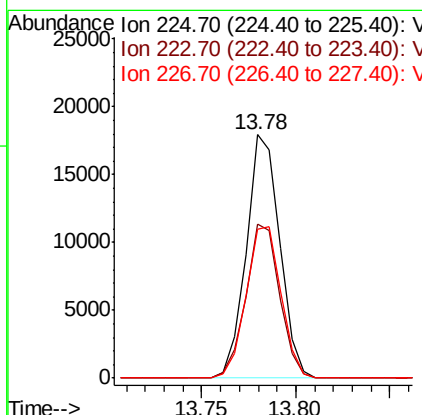
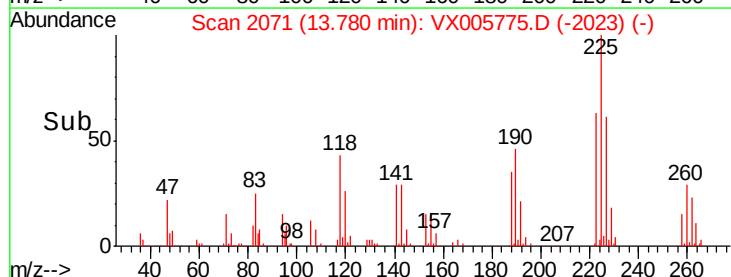
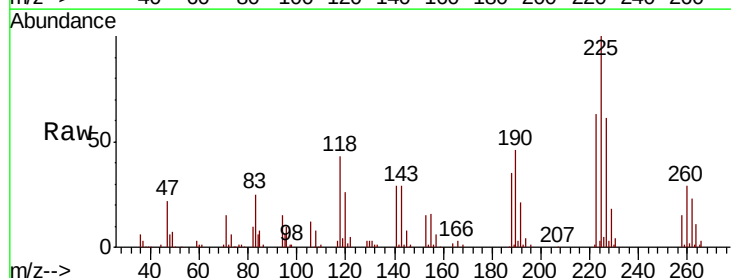
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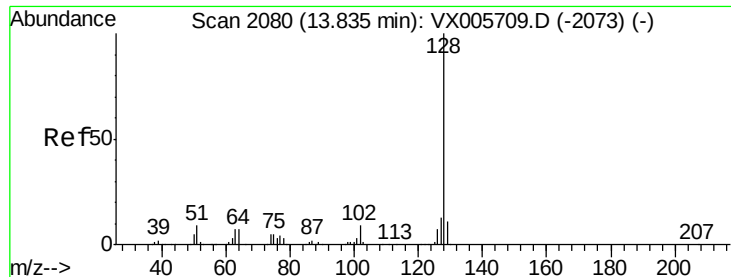
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#94
 Hexachlorobutadiene
 Concen: 19.300 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005775.D
 Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.7	95.1
227	64.8	32.3	96.9





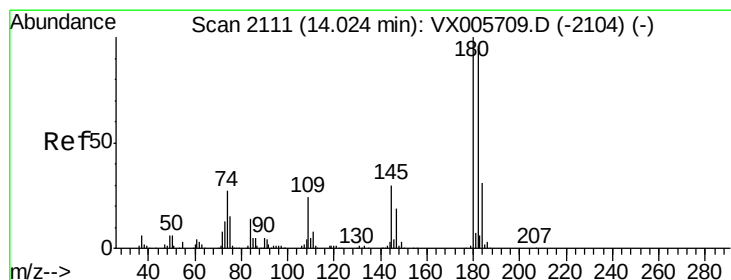
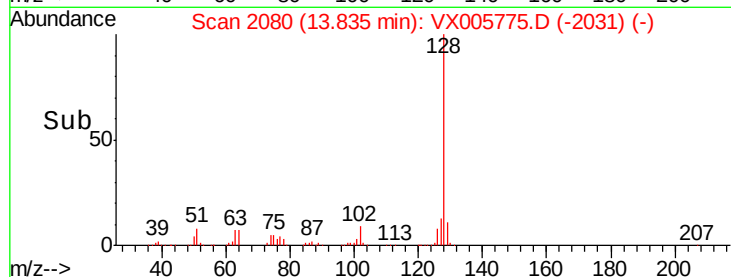
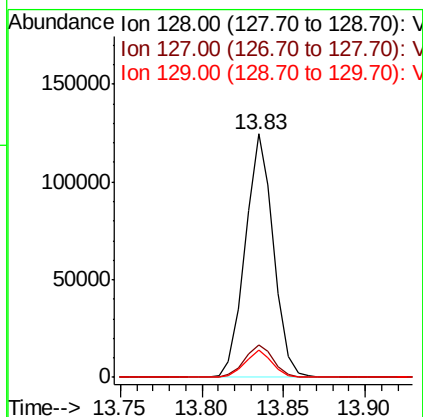
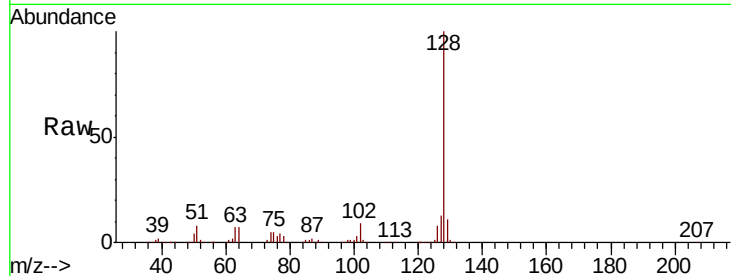
#95
Naphthalene
Concen: 19.286 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX1105WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.936 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005775.D
Acq: 05 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.0	144.2
145	30.3	15.1	45.3

