

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110518\
 Data File : VX005771.D
 Acq On : 05 Nov 2018 11:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:26:51 AM

Quant Time: Nov 06 01:03:06 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	5.67	168	175283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147141	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	112706	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	90705	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	8.72	98	322395	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.14	95	123240	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98576	48.682	ug/l	97
3) Chloromethane	1.32	50	108844	45.572	ug/l	98
4) Vinyl Chloride	1.40	62	112372	45.222	ug/l	98
5) Bromomethane	1.64	94	99806	32.369	ug/l	97
6) Chloroethane	1.71	64	71015	44.879	ug/l	91
7) Trichlorofluoromethane	1.93	101	145039	45.473	ug/l	96
8) Diethyl Ether	2.18	74	62874	43.855	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90429	46.675	ug/l	93
10) Methyl Iodide	2.51	142	95171	50.449	ug/l	98
11) Tert butyl alcohol	3.07	59	145601	209.212	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85353	45.211	ug/l	94
13) Acrolein	2.29	56	67601	141.327	ug/l	100
14) Allyl chloride	2.73	41	175514	44.961	ug/l	96
15) Acrylonitrile	3.15	53	338145	220.955	ug/l	99
16) Acetone	2.45	43	302883	229.078	ug/l	93
17) Carbon Disulfide	2.57	76	243221	41.925	ug/l	99
18) Methyl Acetate	2.78	43	162041	44.059	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	306654	46.926	ug/l	99
20) Methylene Chloride	2.85	84	100042	45.270	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	90022	45.064	ug/l	90
22) Diisopropyl ether	3.87	45	330747	45.674	ug/l #	89
23) Vinyl Acetate	3.82	43	1454943	230.672	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183652	44.851	ug/l	97
25) 2-Butanone	4.70	43	458331	212.018	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138375	45.207	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98978	44.094	ug/l	97
28) Bromochloromethane	5.01	49	90286	45.195	ug/l	96
29) Tetrahydrofuran	5.15	42	286297	216.981	ug/l	92
30) Chloroform	5.21	83	173744	43.399	ug/l	93
31) Cyclohexane	5.57	56	154832	45.218	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	146478	45.718	ug/l	96
36) 1,1-Dichloropropene	5.79	75	131197	43.717	ug/l	99
37) Ethyl Acetate	4.85	43	160333	41.877	ug/l	97
38) Carbon Tetrachloride	5.79	117	122162	45.056	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151076	48.270	ug/l	87
40) Benzene	6.14	78	394846	44.225	ug/l	99
41) Methacrylonitrile	5.06	41	89056	43.049	ug/l	96
42) 1,2-Dichloroethane	6.19	62	141310	42.820	ug/l	99
43) Isopropyl Acetate	6.46	43	240165	43.218	ug/l	95
44) Trichloroethene	7.21	130	98869	47.881	ug/l	94
45) 1,2-Dichloropropane	7.52	63	108154	47.271	ug/l	96
46) Dibromomethane	7.66	93	68546	46.879	ug/l	89
47) Bromodichloromethane	7.90	83	125158	45.633	ug/l	94
48) Methyl methacrylate	7.78	41	124060	46.126	ug/l	97
49) 1,4-Dioxane	7.75	88	54171	904.500	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	828065	218.537	ug/l	96
52) Toluene	8.79	92	237904	49.264	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	150331	50.577	ug/l	93
54) cis-1,3-Dichloropropene	8.43	75	146428	45.981	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	101839	48.559	ug/l	96
56) Ethyl methacrylate	9.18	69	158416	44.771	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175576	48.737	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	432607	215.447	ug/l	97
59) 2-Hexanone	9.49	43	707051	229.294	ug/l	96
60) Dibromochloromethane	9.58	129	101643	50.156	ug/l	100
61) 1,2-Dibromoethane	9.67	107	107991	50.533	ug/l	97
64) Tetrachloroethene	9.34	164	103651	54.910	ug/l	96
65) Chlorobenzene	10.14	112	263632	48.016	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92994	49.476	ug/l	98
67) Ethyl Benzene	10.25	91	471598	50.328	ug/l	90
68) m/p-Xylenes	10.36	106	352266	101.170	ug/l	100
69) o-Xylene	10.70	106	158577	47.618	ug/l	96
70) Styrene	10.71	104	260841	47.159	ug/l	96
71) Bromoform	10.86	173	70582	46.347	ug/l #	98
73) Isopropylbenzene	11.02	105	455437	46.916	ug/l	99
74) N-amyl acetate	10.90	43	213862	41.380	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	169852	42.174	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137604m	37.548	ug/l	
77) Bromobenzene	11.26	156	109014	45.270	ug/l	89
78) n-propylbenzene	11.36	91	569021	48.185	ug/l	97
79) 2-Chlorotoluene	11.42	91	319815	45.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	408125	49.515	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50225	44.280	ug/l	95
82) 4-Chlorotoluene	11.51	91	392345	46.594	ug/l	98
83) tert-Butylbenzene	11.77	119	364056	46.291	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	409964	49.256	ug/l	98
85) sec-Butylbenzene	11.94	105	495093	49.076	ug/l	97
86) p-Isopropyltoluene	12.07	119	450637	52.522	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	226896	48.730	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	239798	47.940	ug/l	96
89) n-Butylbenzene	12.39	91	439992	50.827	ug/l	99
90) Hexachloroethane	12.60	117	72937	47.915	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	229966	47.275	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42120	44.590	ug/l	90

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VSTDCCC050

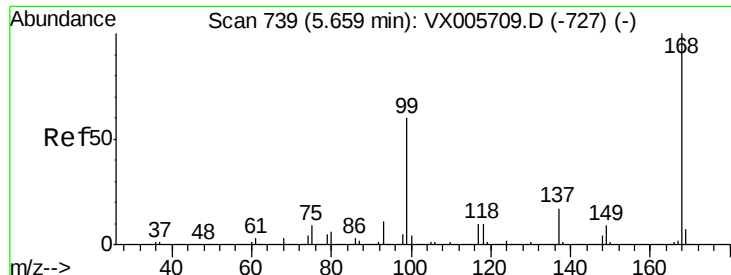
Manual Integrations
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11/6/2018 8:26:51 AM

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164338	52.674	ug/l	98
94) Hexachlorobutadiene	13.78	225	80247	53.168	ug/l	97
95) Naphthalene	13.83	128	557484	54.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	166081	52.289	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 175283

Ion Ratio Lower Upper

168 100

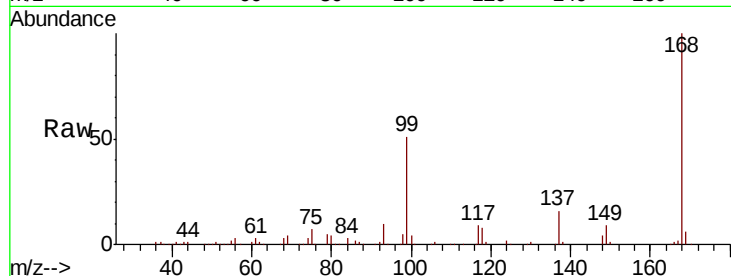
99 51.2 40.7 61.1

Manual Integrations

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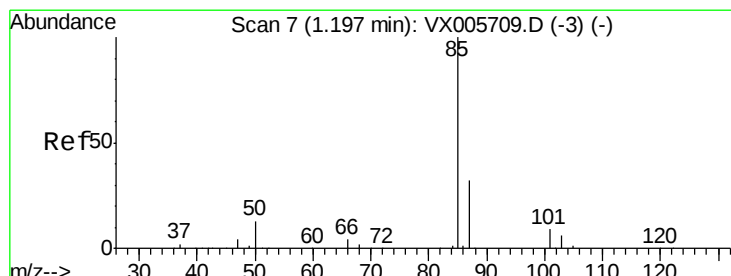
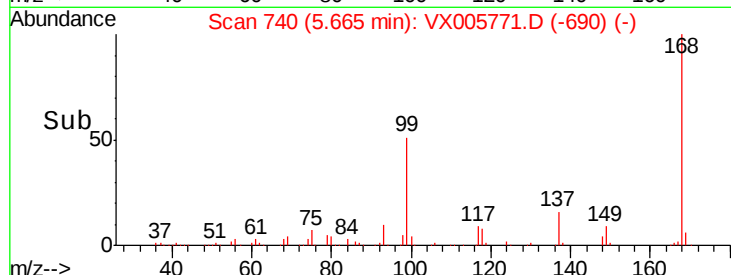
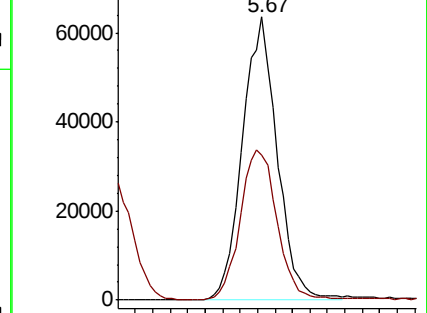
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.682 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005771.D

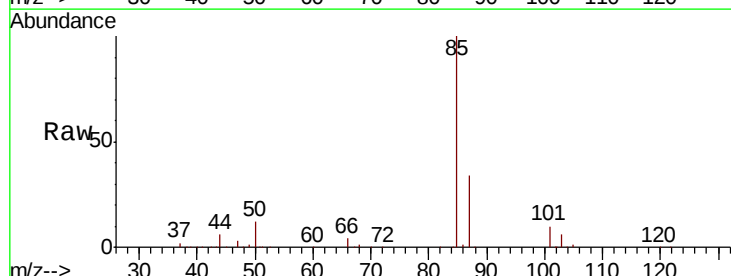
Acq: 05 Nov 2018 11:58

Tgt Ion: 85 Resp: 98576

Ion Ratio Lower Upper

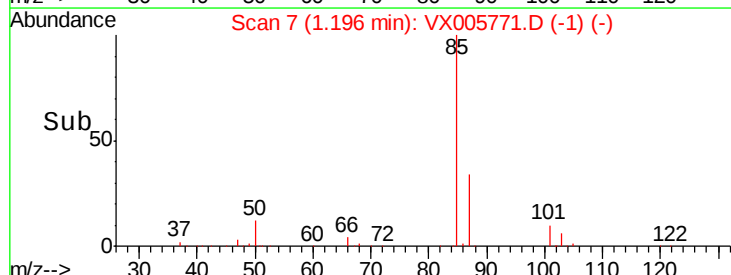
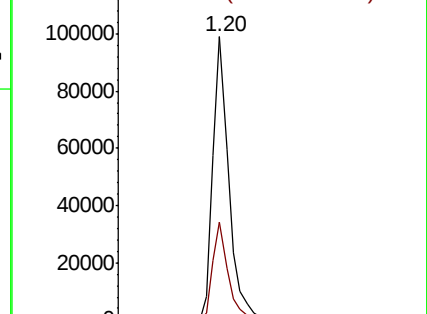
85 100

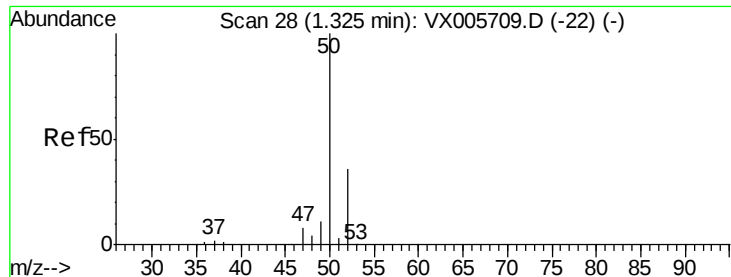
87 34.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.572 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 108844

Ion Ratio Lower Upper

50 100

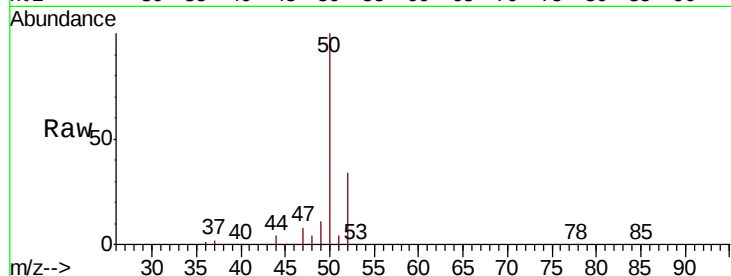
52 33.9 26.2 39.2

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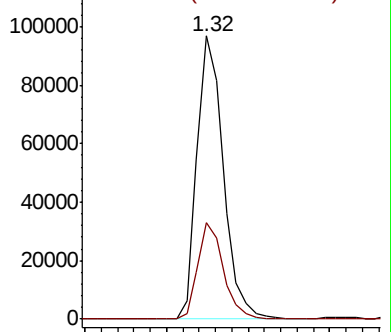
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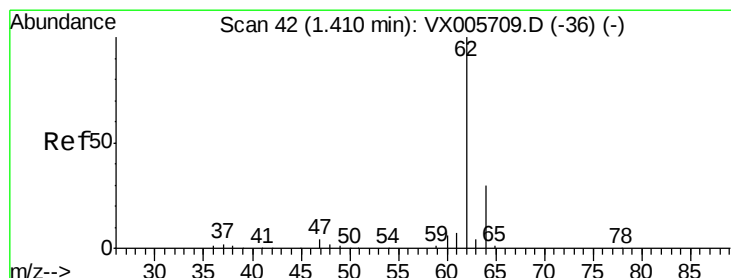
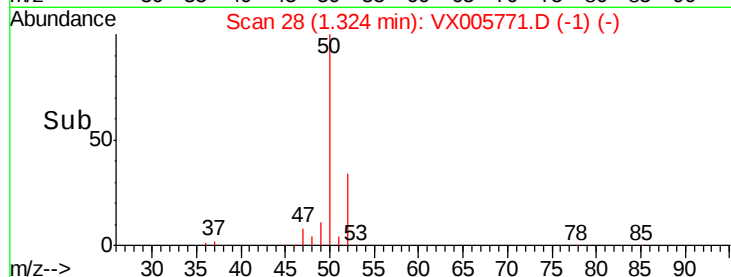


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 45.222 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005771.D

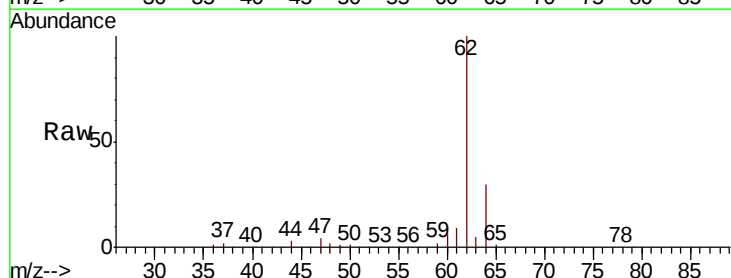
Acq: 05 Nov 2018 11:58

Tgt Ion: 62 Resp: 112372

Ion Ratio Lower Upper

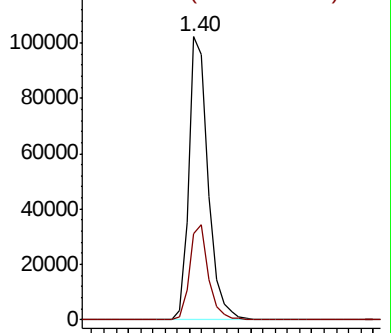
62 100

64 30.4 25.3 37.9

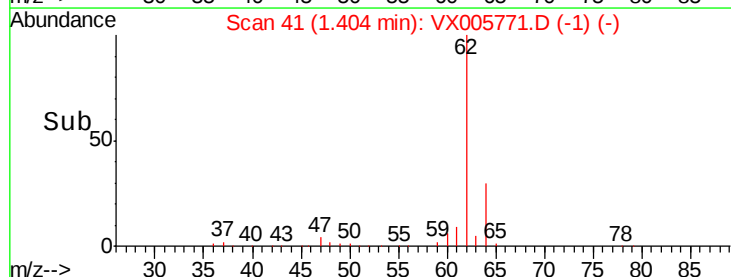


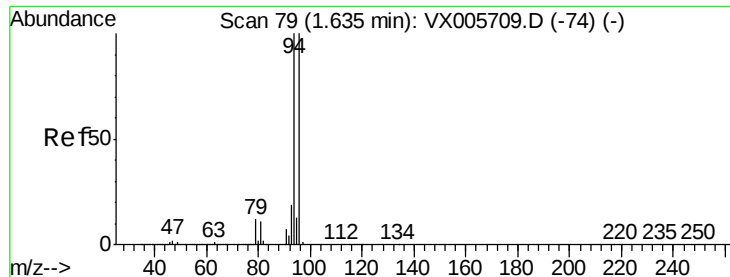
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 32.369 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 99806

Ion Ratio Lower Upper

94 100

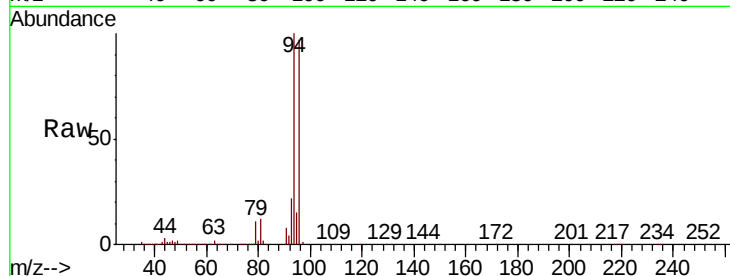
96 97.2 75.2 112.8

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

40000

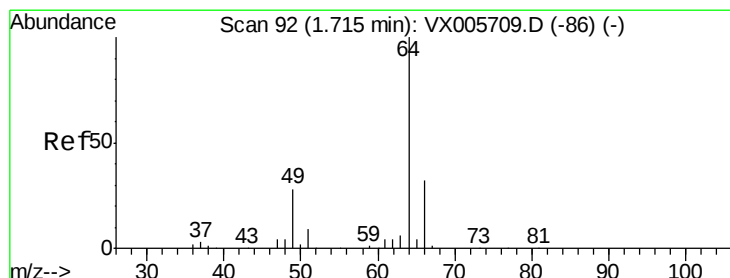
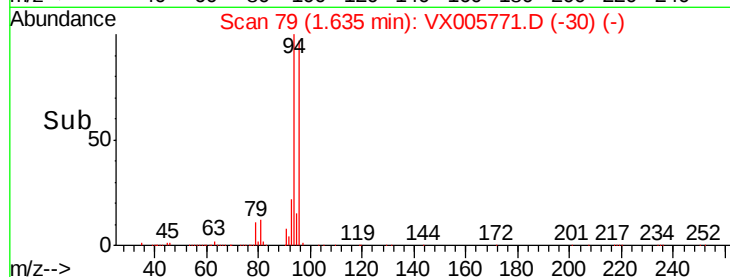
20000

0

1.64

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 44.879 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005771.D

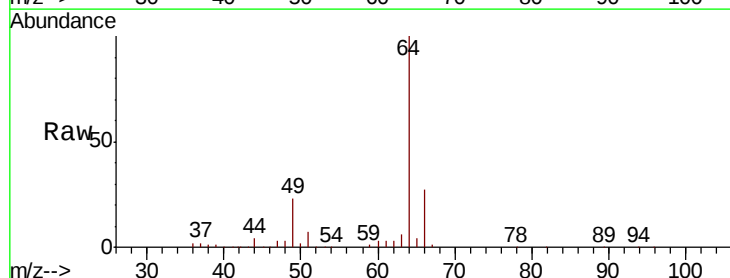
Acq: 05 Nov 2018 11:58

Tgt Ion: 64 Resp: 71015

Ion Ratio Lower Upper

64 100

66 27.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

20000

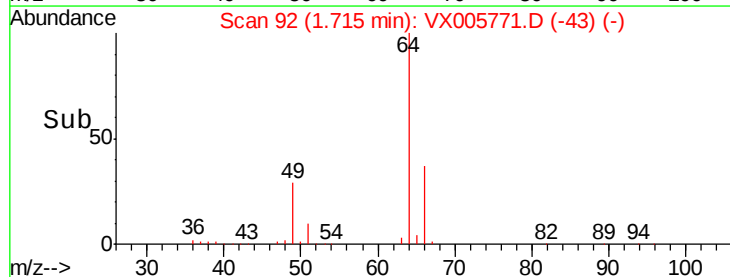
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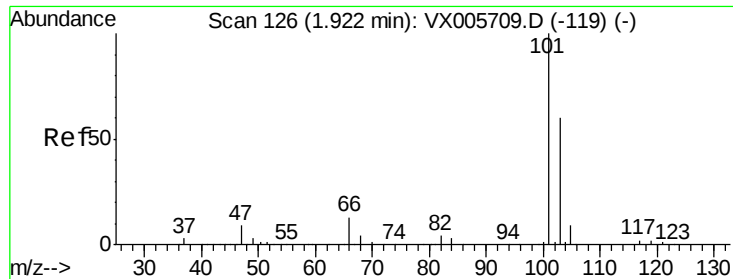
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1.71

1.60 1.70 1.80 1.90

Time-->





#7

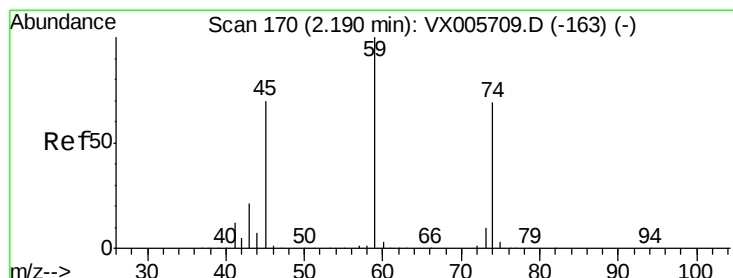
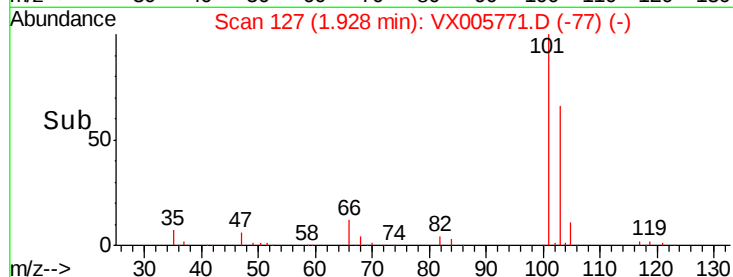
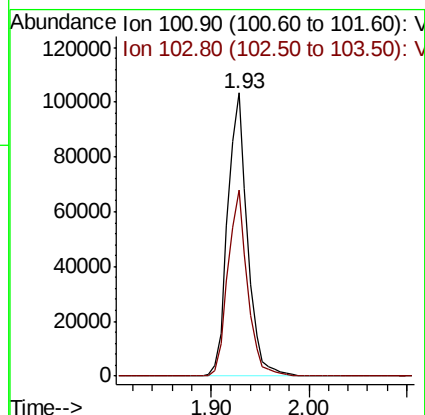
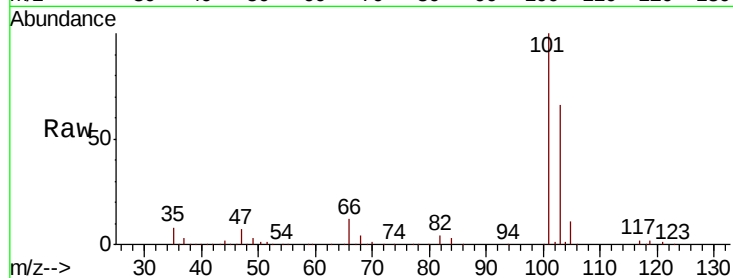
Trichlorofluoromethane
Concen: 45.473 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 145039
Ion Ratio Lower Upper
101 100
103 65.6 50.0 75.0

Manual Integrations
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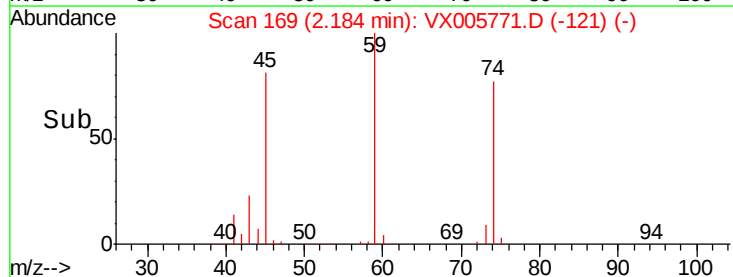
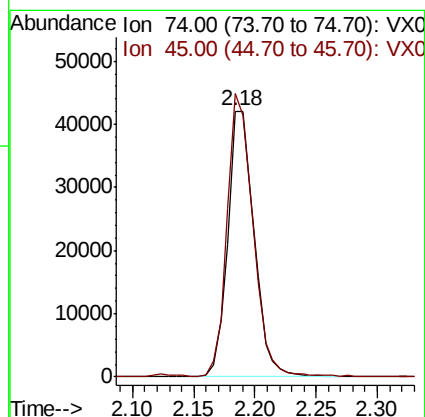
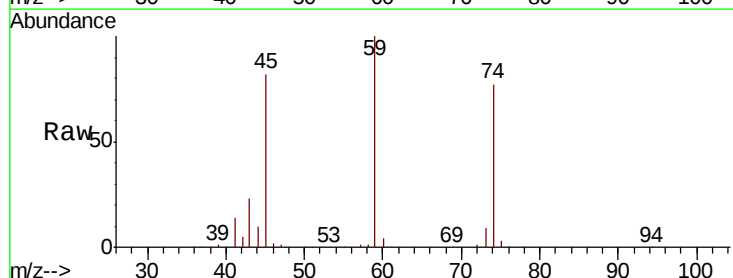
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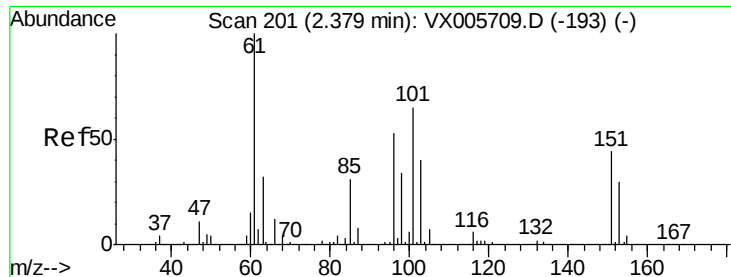


#8

Diethyl Ether
Concen: 43.855 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 74 Resp: 62874
Ion Ratio Lower Upper
74 100
45 103.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.675 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

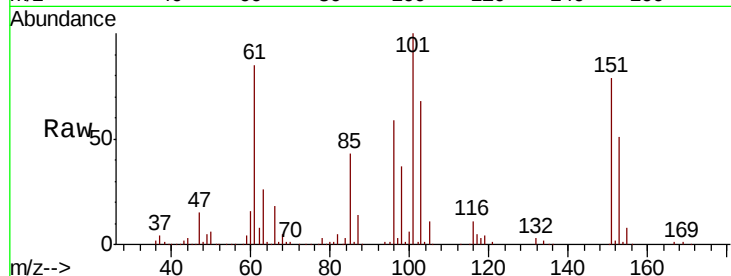
ClientSampleId :

VSTDCCC050

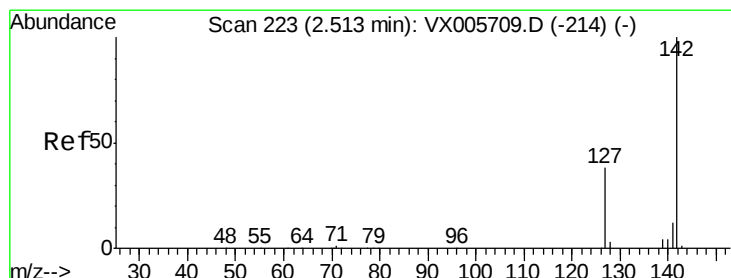
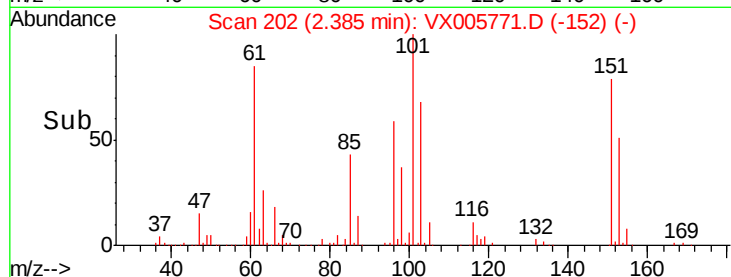
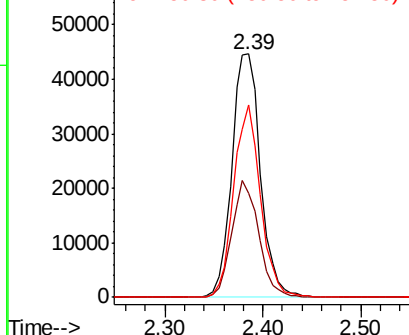
Tot Ion:	101	Resp:	90429
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.0	52.4
151	74.1	66.2	99.2

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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: 50.449 ug/l

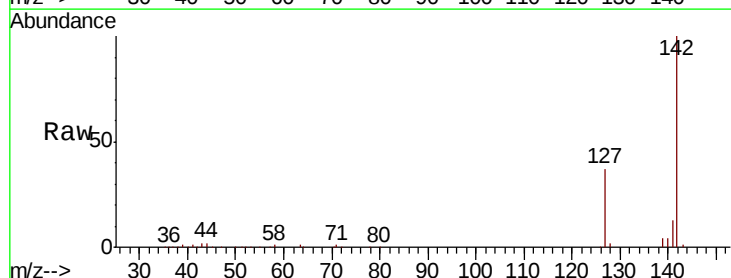
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

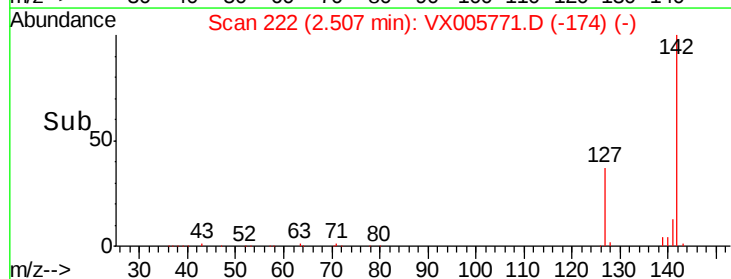
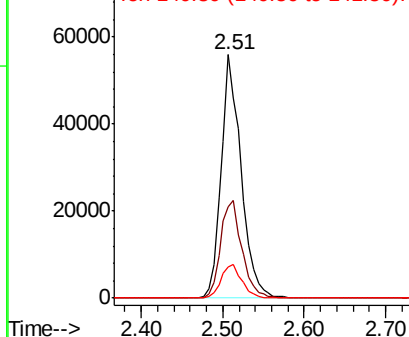
Lab File: VX005771.D

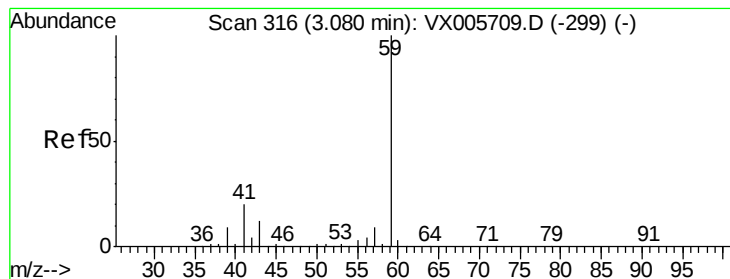
Acq: 05 Nov 2018 11:58

Tgt Ion:	142	Resp:	95171
Ion Ratio	Lower	Upper	
142	100		
127	43.0	36.0	54.0
141	14.3	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

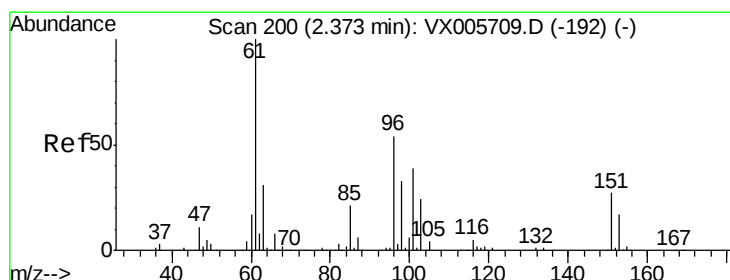
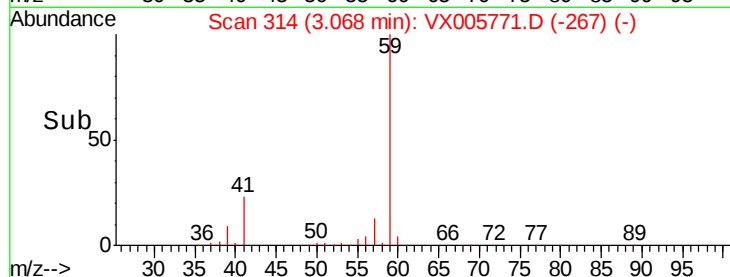
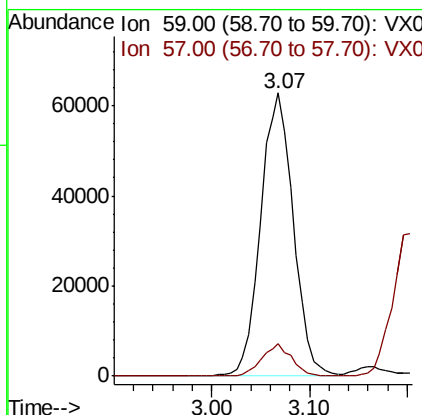
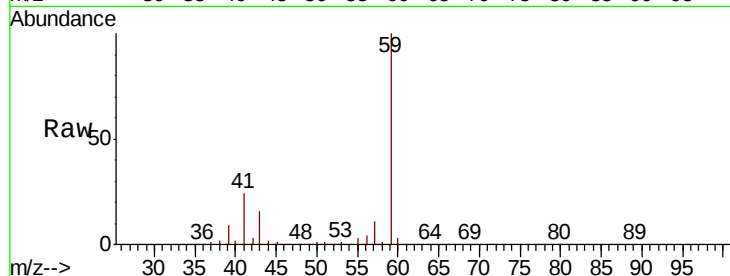
Tert butyl alcohol
Concen: 209.212 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.3	Resp	145601	Lower	Upper

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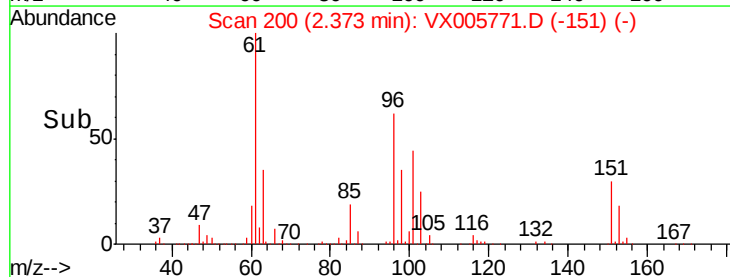
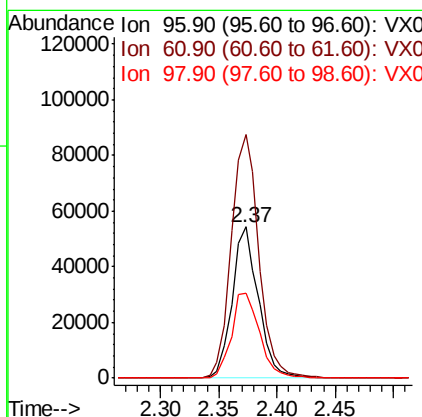
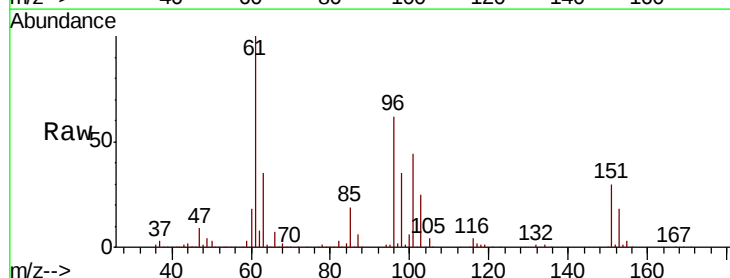
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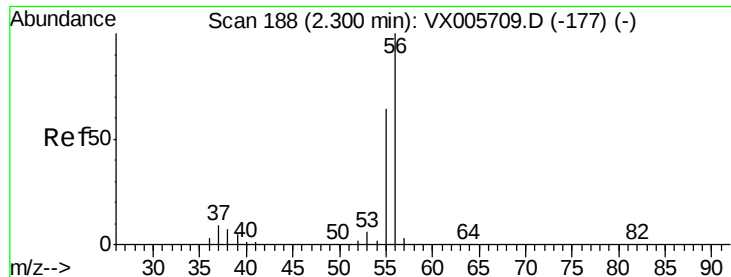


#12

1,1-Dichloroethene
Concen: 45.211 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	96	61	98	Ratio	100	161.1	56.0	Resp	85353	Lower	Upper





#13

Acrolein

Concen: 141.327 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 67601

Ion Ratio Lower Upper

56 100

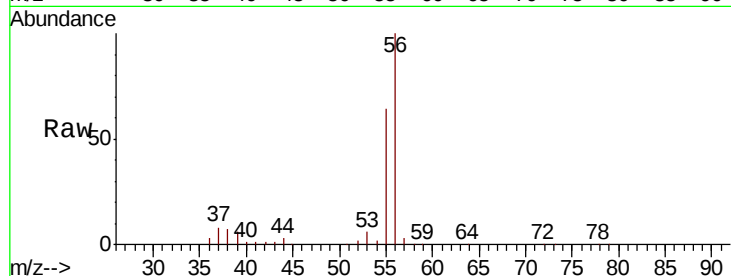
55 71.9 57.3 85.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

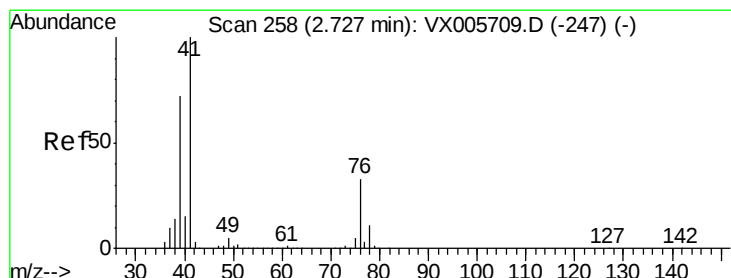
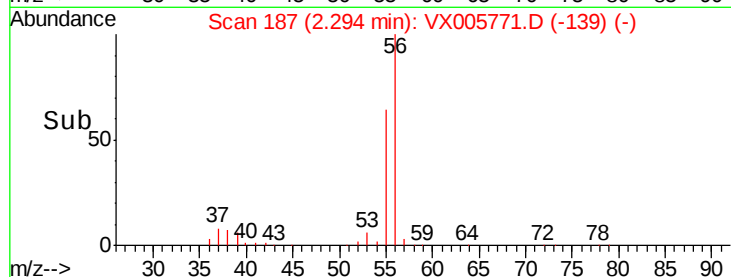
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 44.961 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

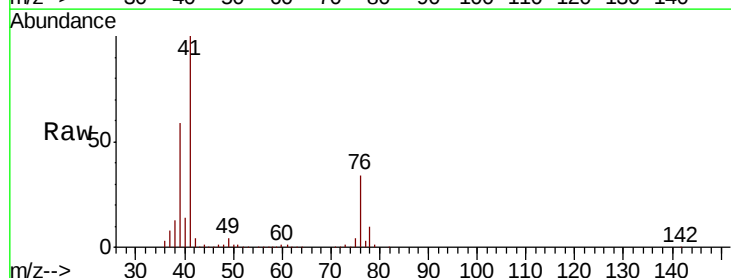
Tgt Ion: 41 Resp: 175514

Ion Ratio Lower Upper

41 100

39 58.7 48.2 72.4

76 32.2 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

120000

100000

80000

60000

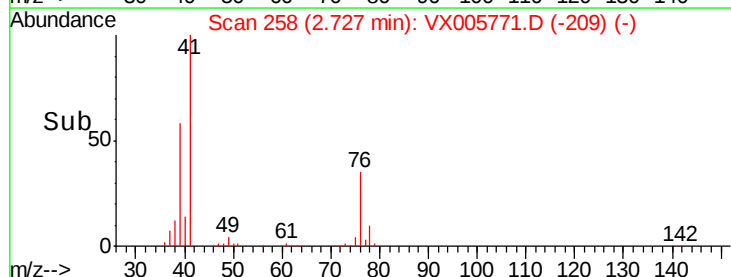
40000

20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 220.955 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

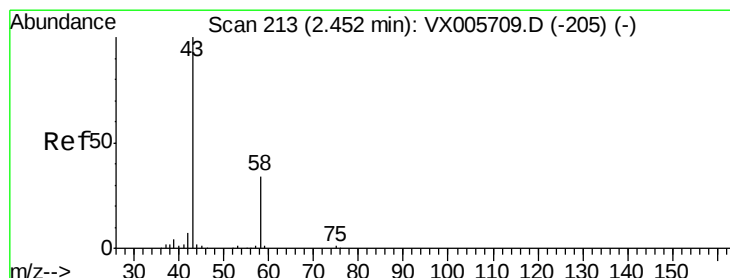
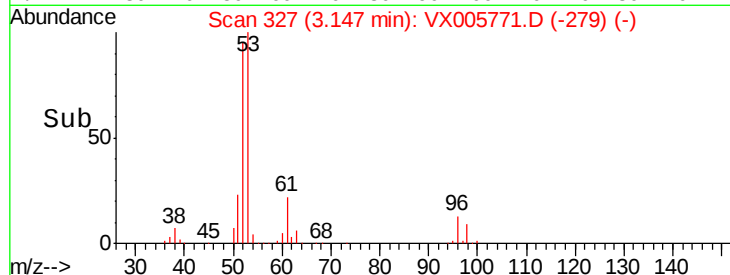
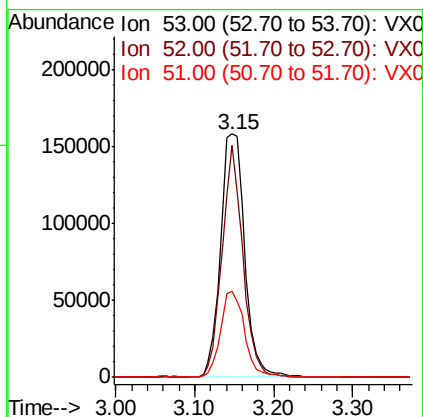
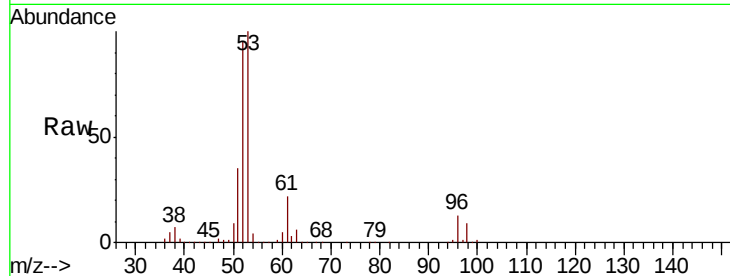
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	338145
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.6	99.8
51	35.5	28.4	42.6

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#16

Acetone

Concen: 229.078 ug/l

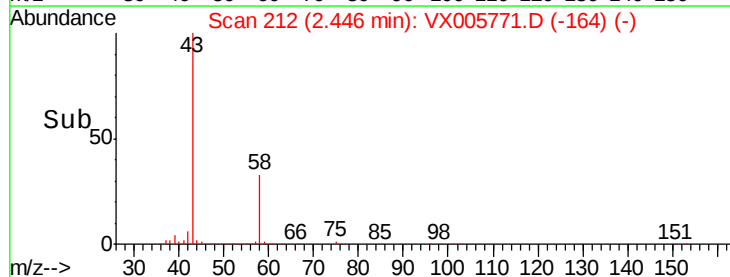
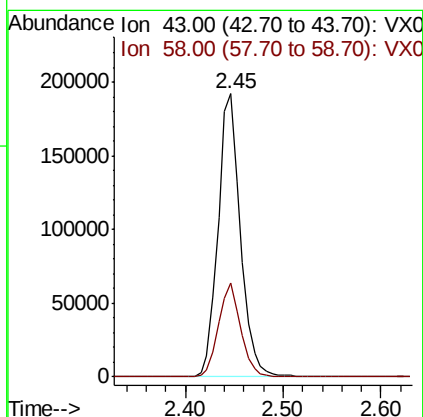
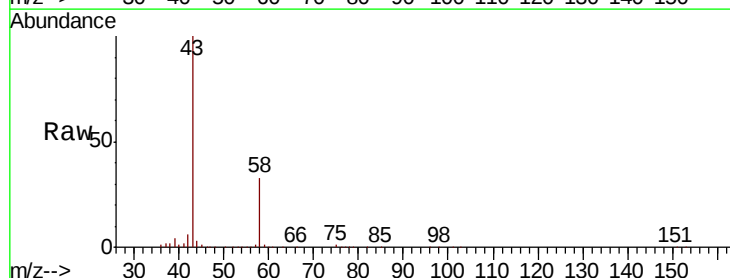
RT: 2.45 min Scan# 212

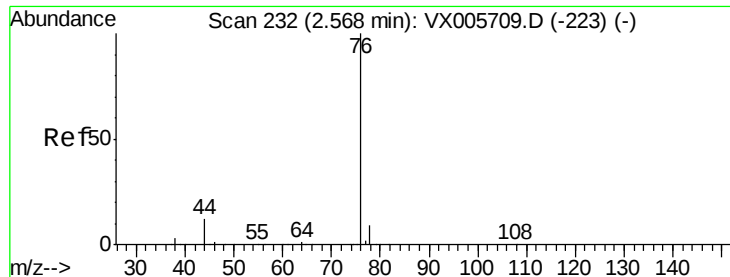
Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion:	43	Resp:	302883
Ion Ratio		Lower	Upper
43	100		
58	33.4	23.8	35.6





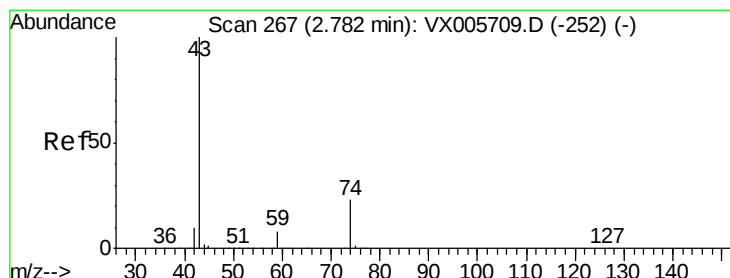
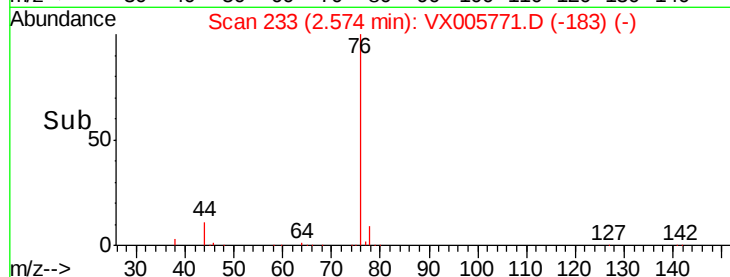
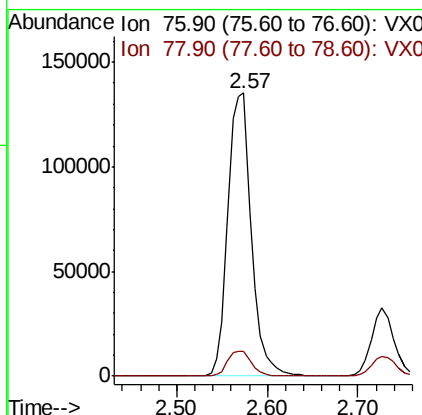
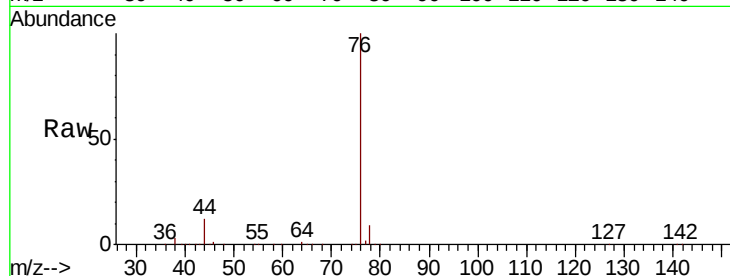
#17
Carbon Disulfide
Concen: 41.925 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

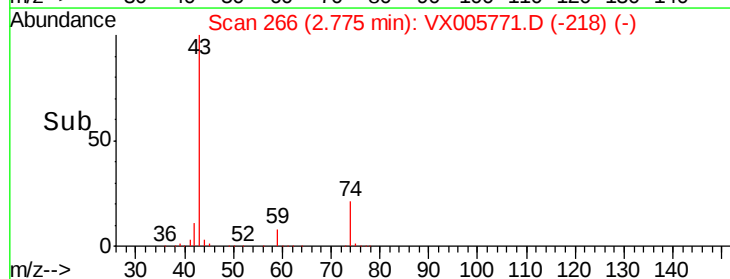
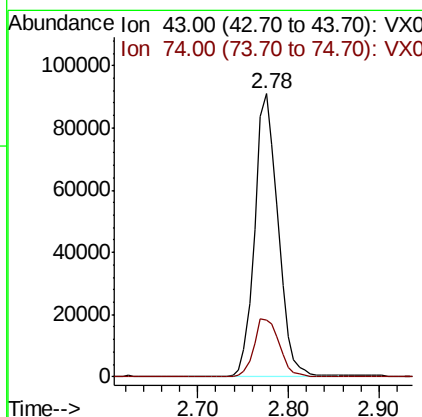
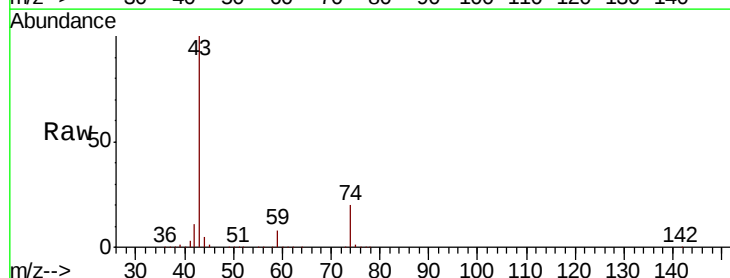
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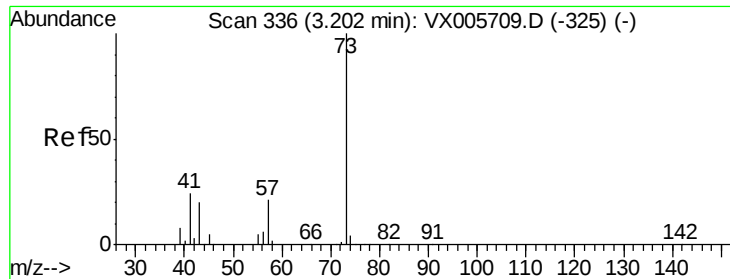
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#18
Methyl Acetate
Concen: 44.059 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.8	25.2





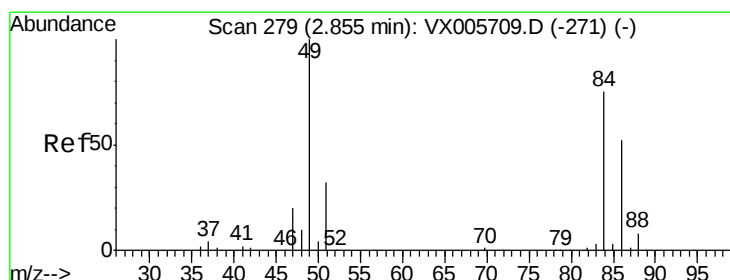
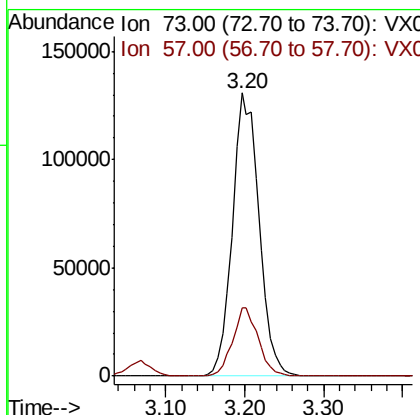
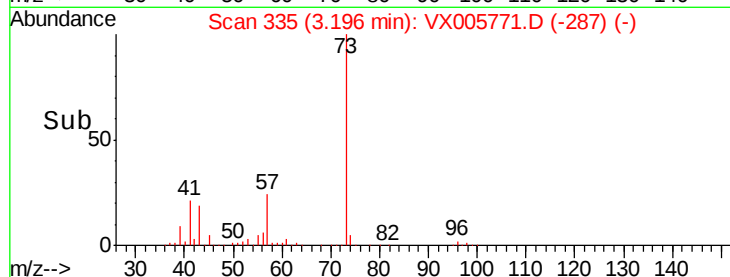
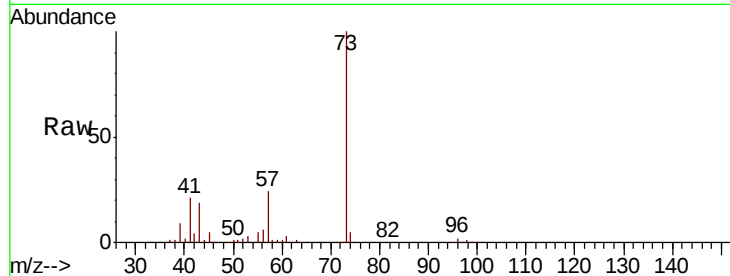
#19
Methyl tert-butyl Ether
Concen: 46.926 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2

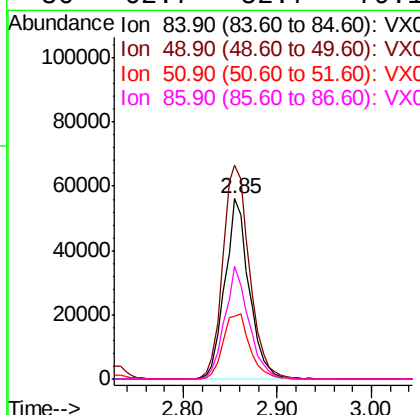
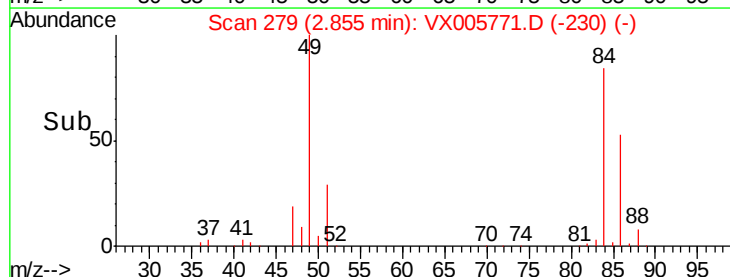
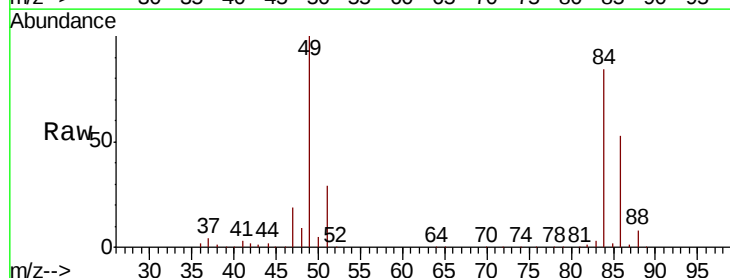
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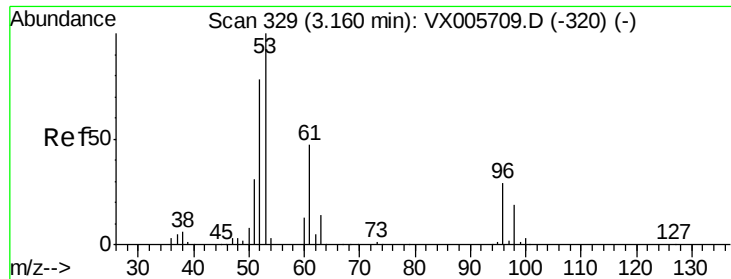
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#20
Methylene Chloride
Concen: 45.270 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	109.5	164.3
51	34.8	33.3	49.9
86	62.7	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 45.064 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

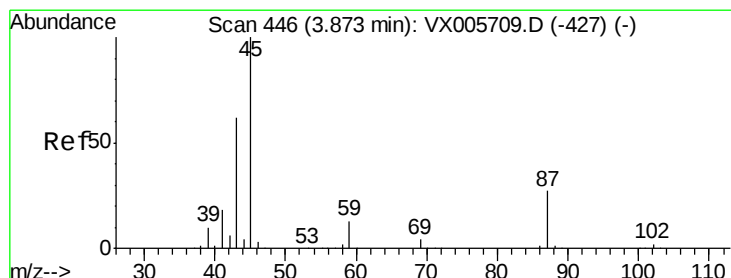
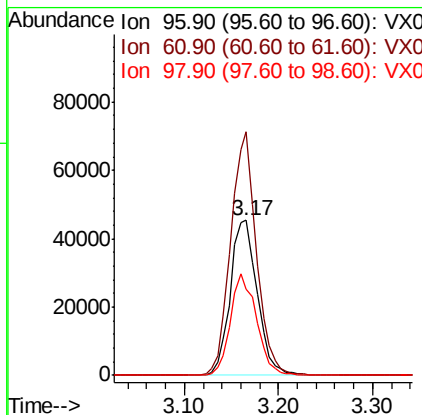
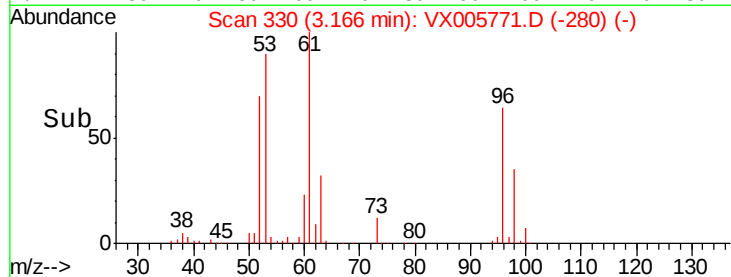
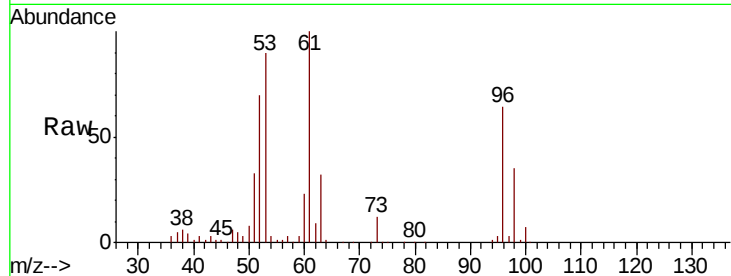
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	90022
Ion Ratio	Lower	Upper	
96	100		
61	156.9	115.6	173.4
98	55.4	50.2	75.2

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#22

Diisopropyl ether

Concen: 45.674 ug/l

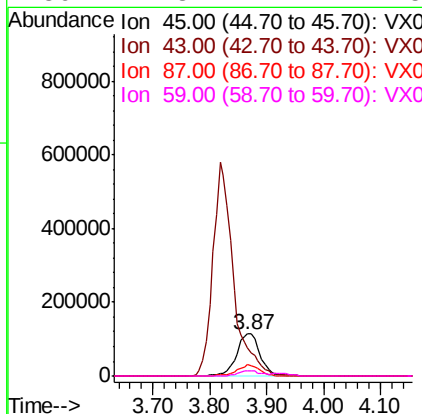
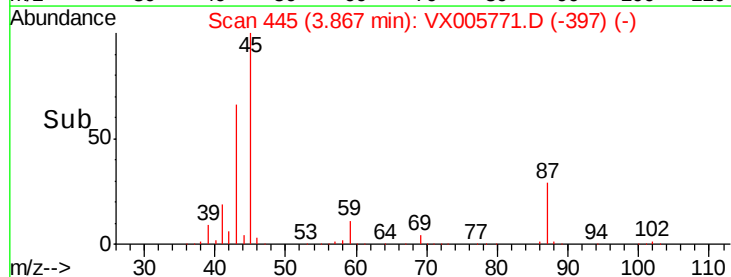
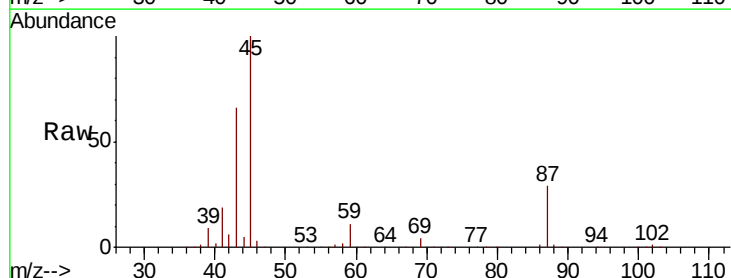
RT: 3.87 min Scan# 445

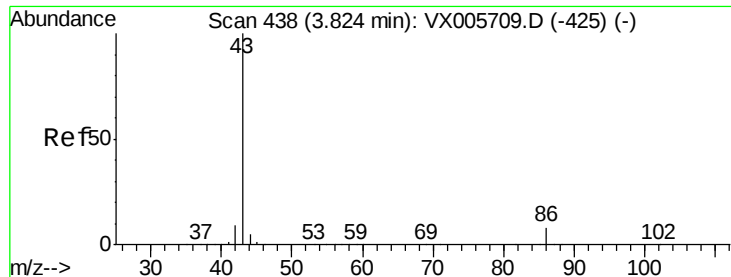
Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion:	45	Resp:	330747
Ion Ratio	Lower	Upper	
45	100		
43	65.8	47.4	71.2
87	28.7	15.9	23.9#
59	11.3	7.7	11.5





#23

Vinyl Acetate

Concen: 230.672 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1454943

Ion Ratio Lower Upper

43 100

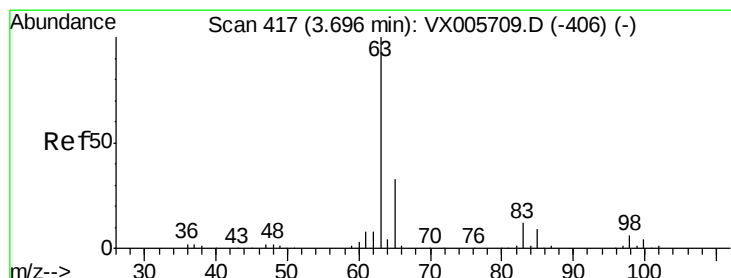
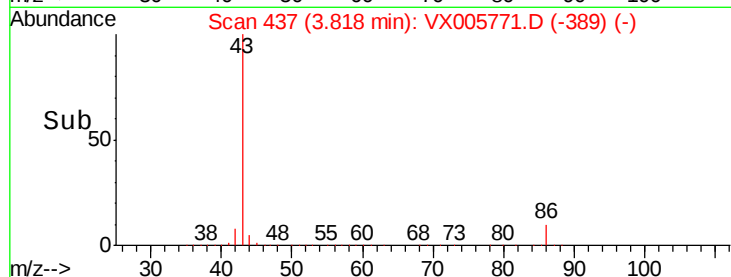
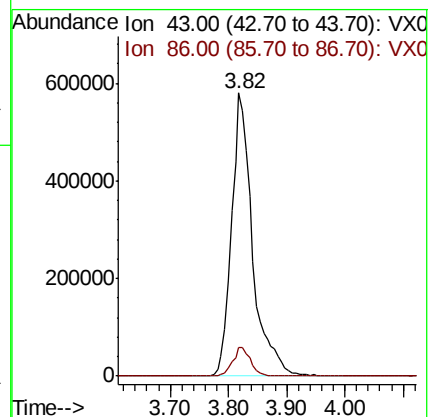
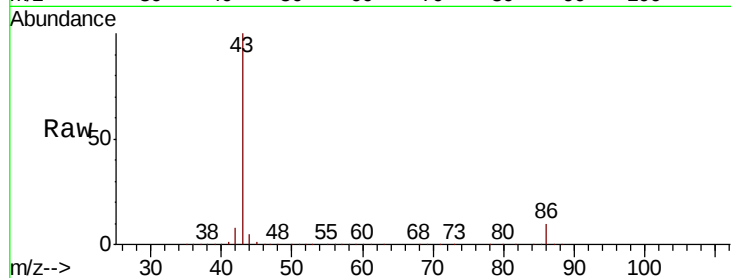
86 10.1 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 44.851 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

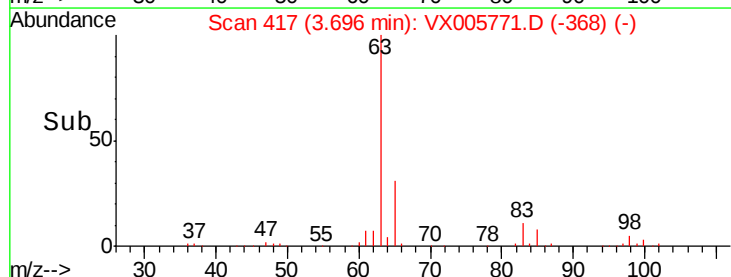
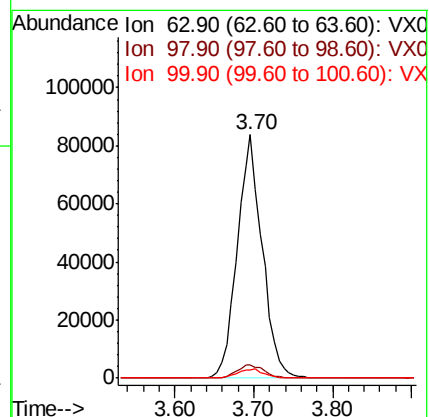
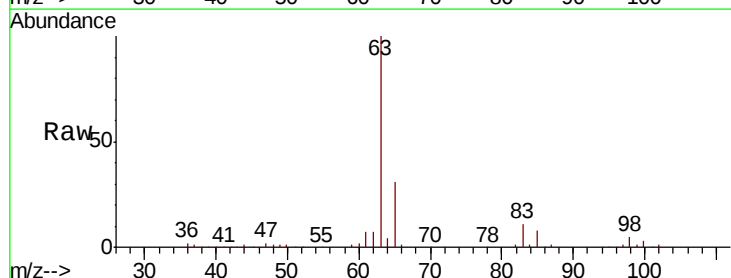
Tgt Ion: 63 Resp: 183652

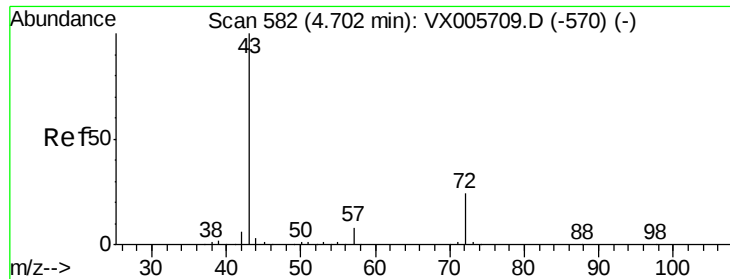
Ion Ratio Lower Upper

63 100

98 5.4 3.2 9.6

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 212.018 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 458331

Ion Ratio Lower Upper

43 100

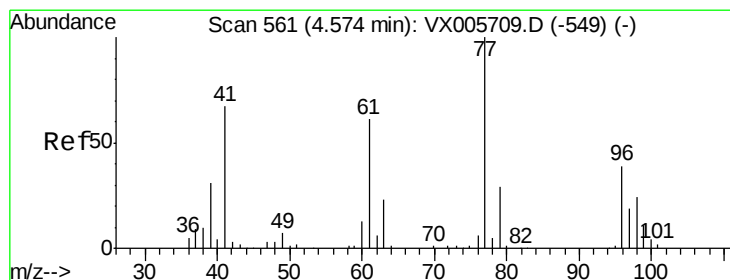
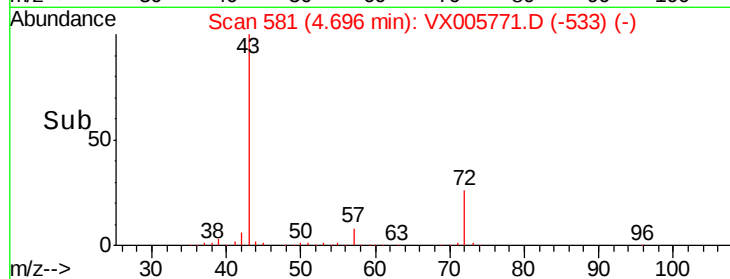
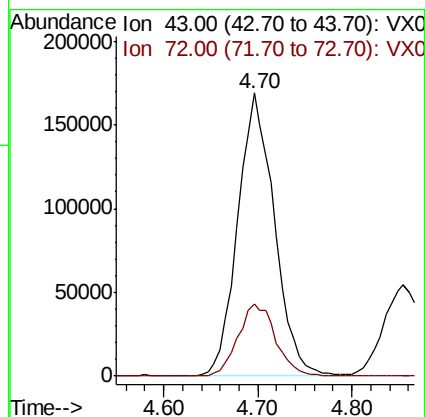
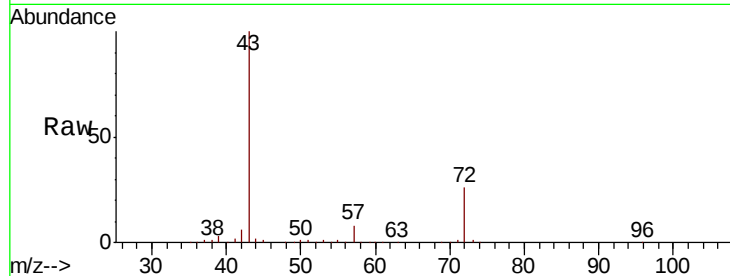
72 25.5 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 45.207 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005771.D

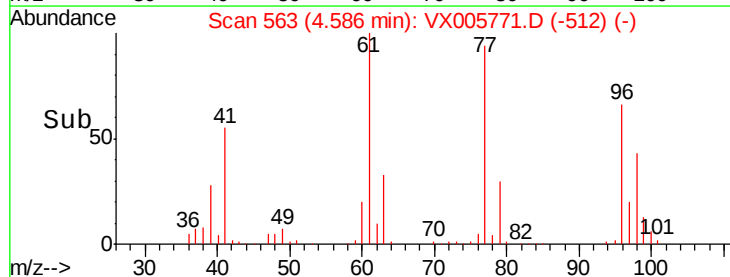
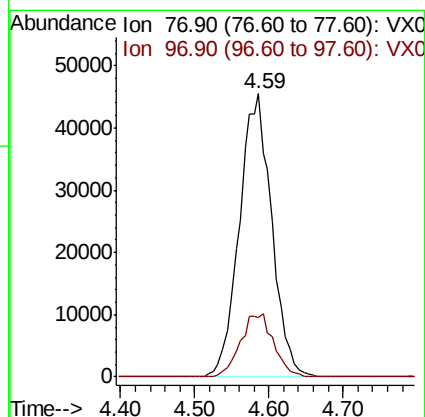
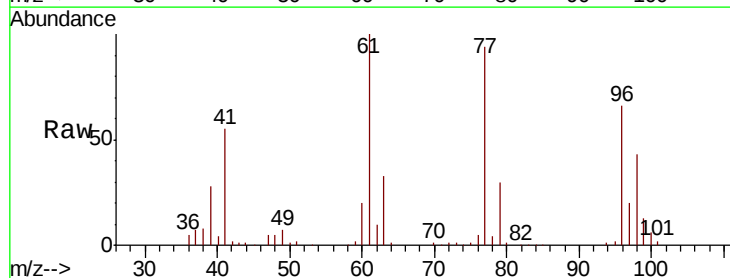
Acq: 05 Nov 2018 11:58

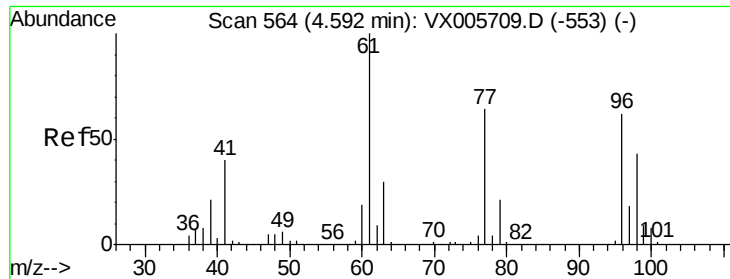
Tgt Ion: 77 Resp: 138375

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.5





#27

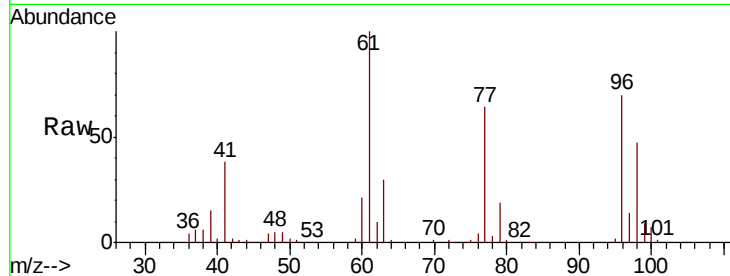
cis-1,2-Dichloroethene
Concen: 44.094 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

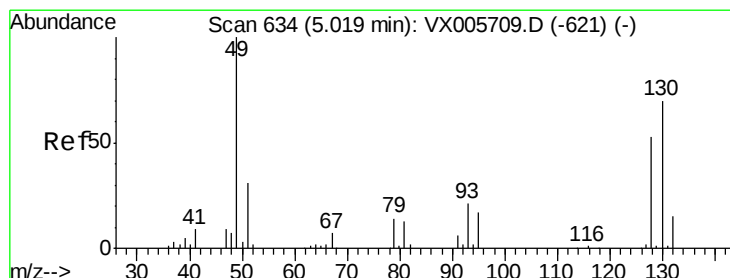
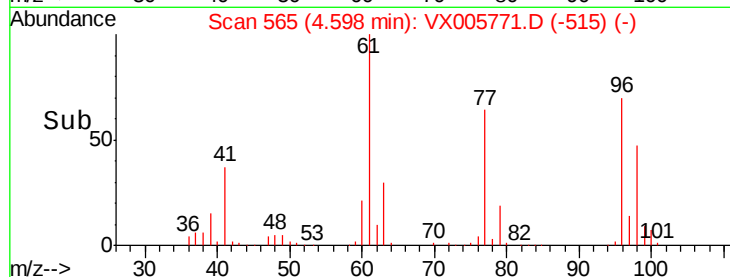
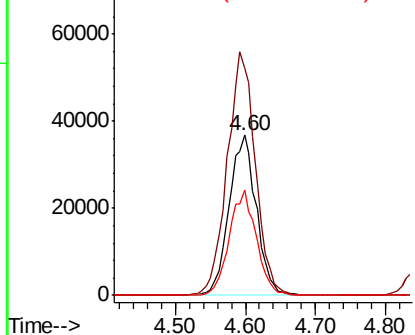
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.5	0.0	304.6	
98	65.2	0.0	127.4	

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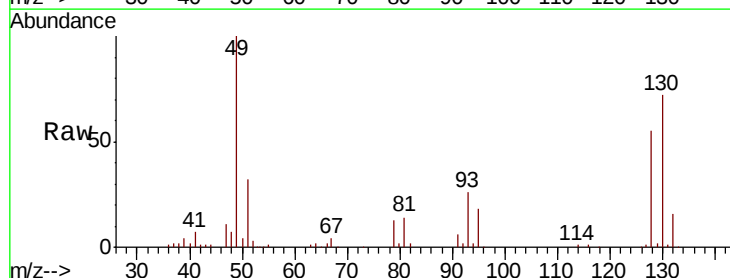
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



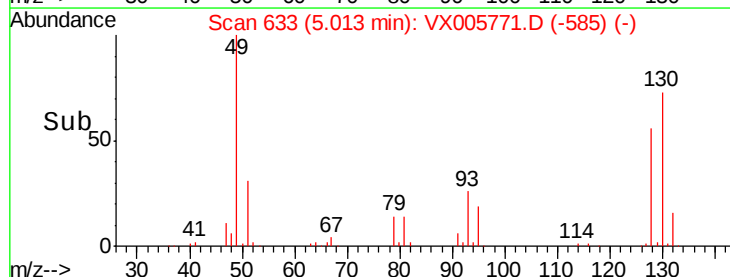
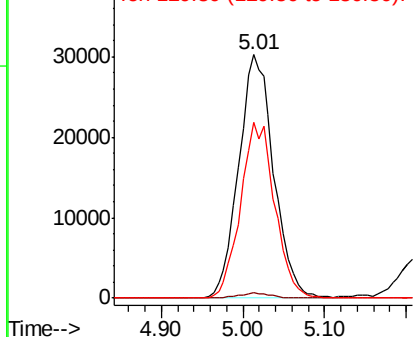
#28

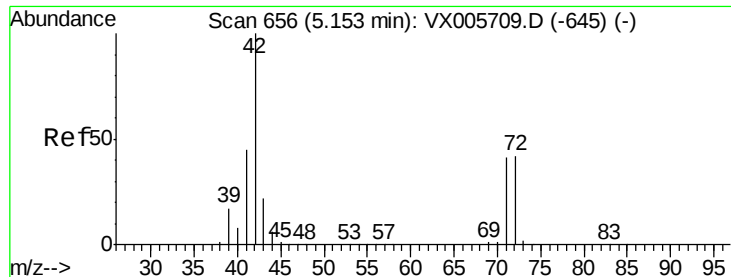
Bromochloromethane
Concen: 45.195 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	70.5	58.9	88.3	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





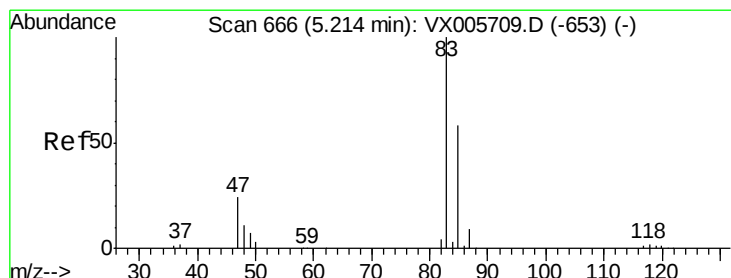
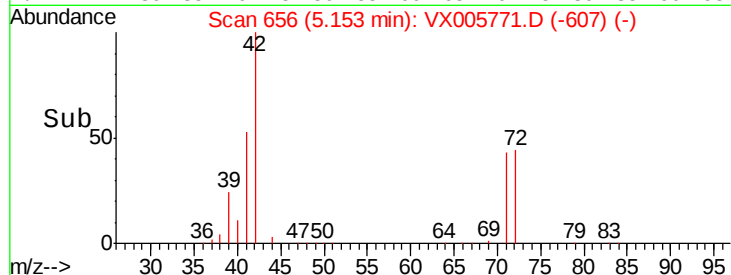
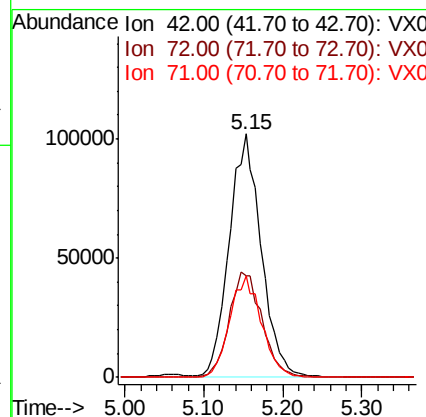
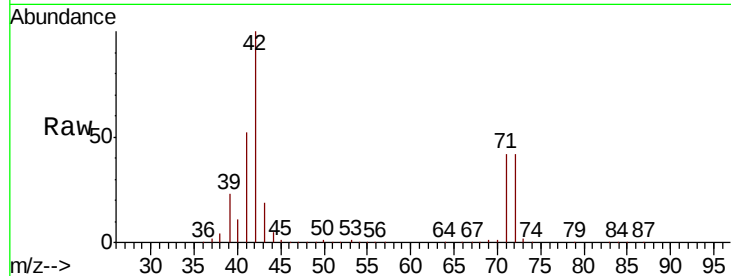
#29
Tetrahydrofuran
Concen: 216.981 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	32.0	48.0
71	41.7	29.8	44.8

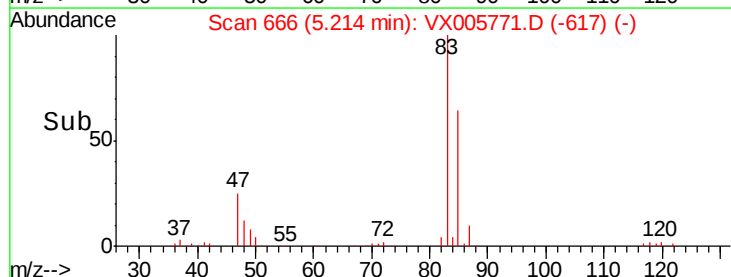
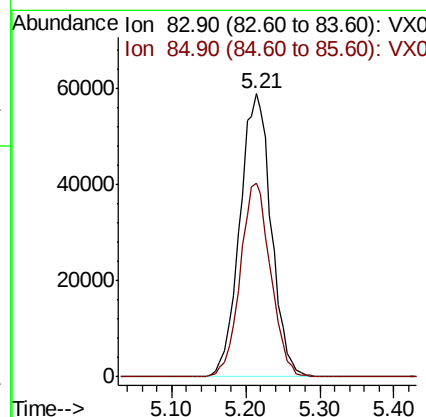
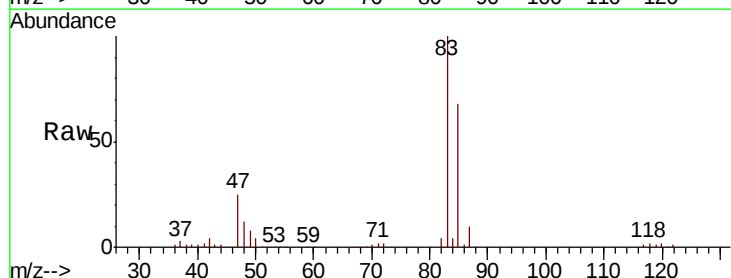
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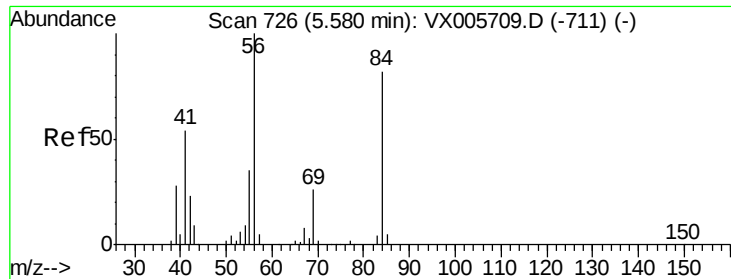
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#30
Chloroform
Concen: 43.399 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.6	76.0





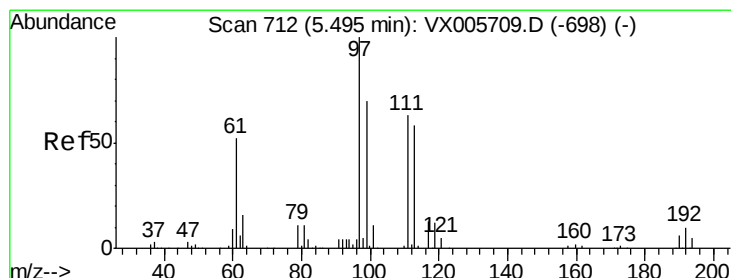
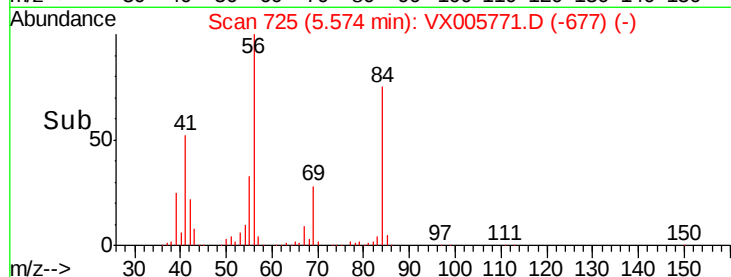
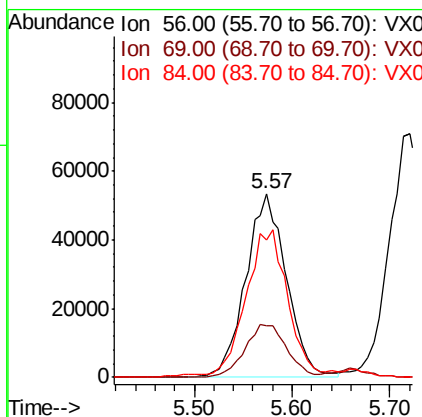
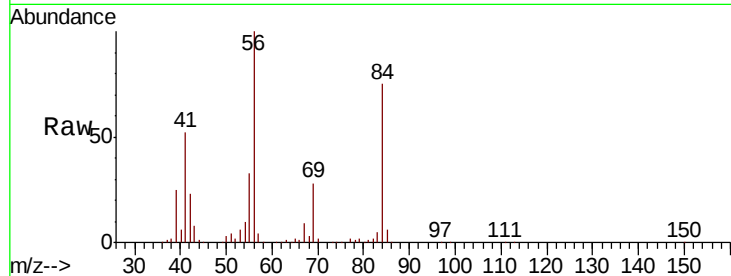
#31
Cyclohexane
Concen: 45.218 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	22.6	34.0
84	73.4	62.7	94.1

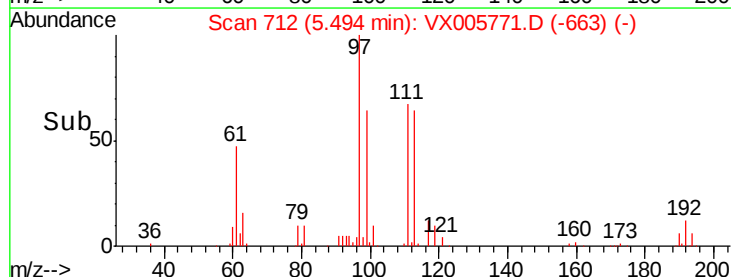
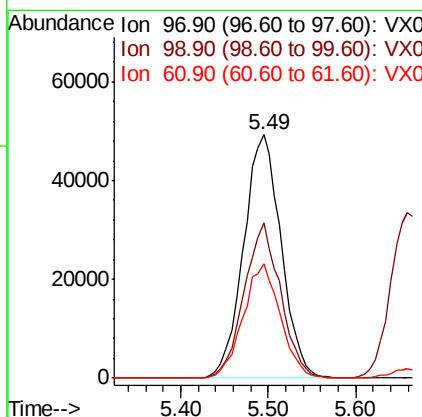
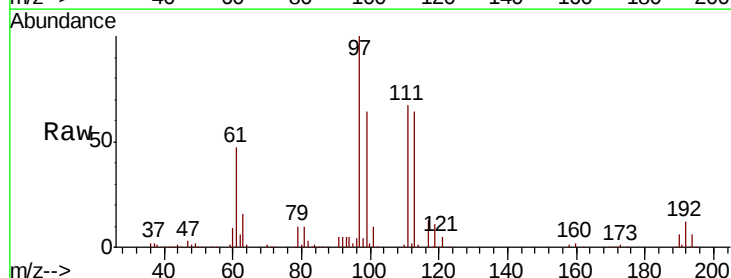
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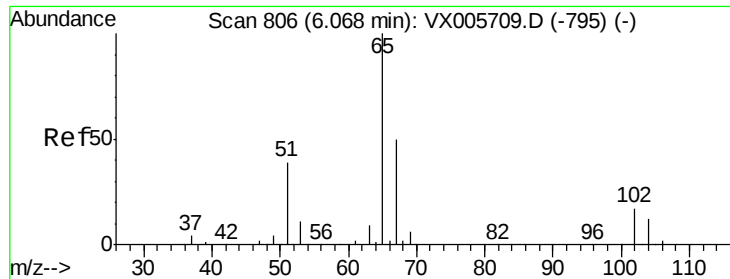
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#32
1,1,1-Trichloroethane
Concen: 45.718 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	52.3	78.5
61	46.6	35.2	52.8





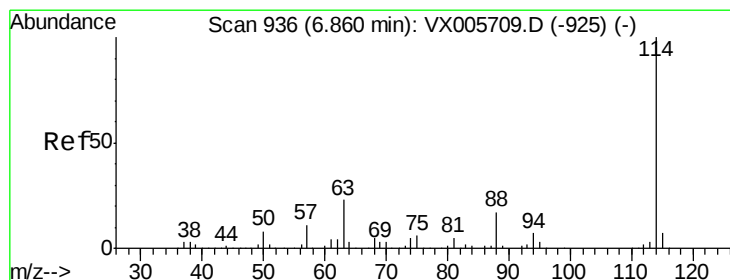
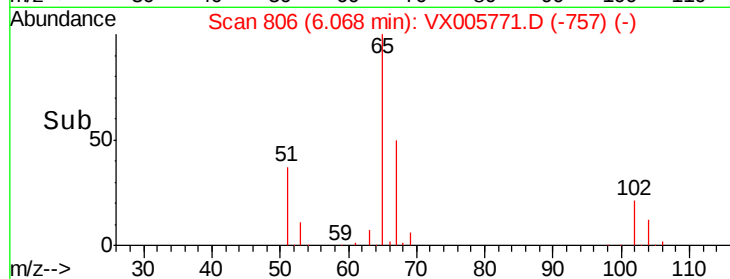
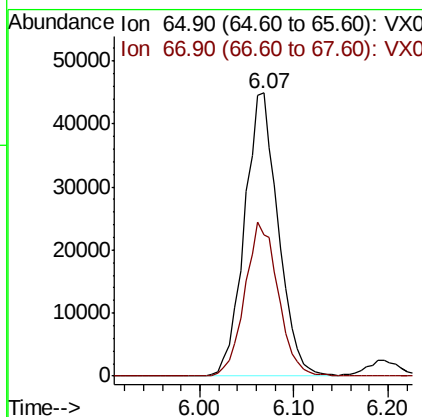
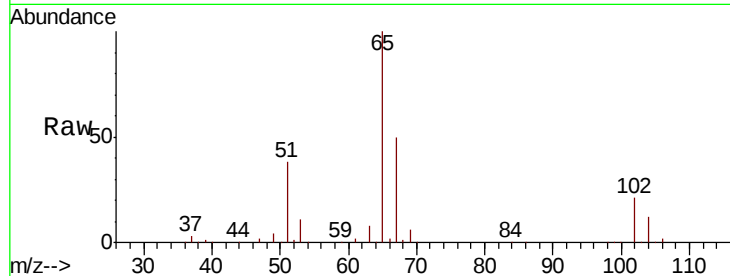
#33
 1,2-Dichloroethane-d4
 Concen: 43.980 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.0

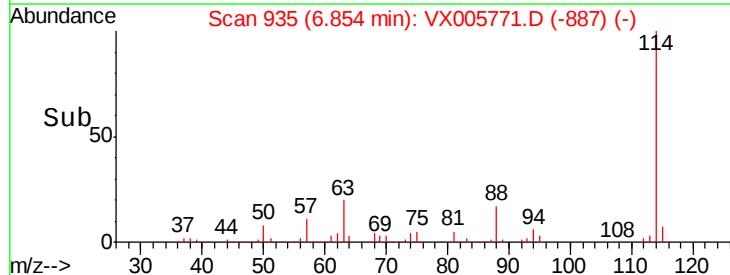
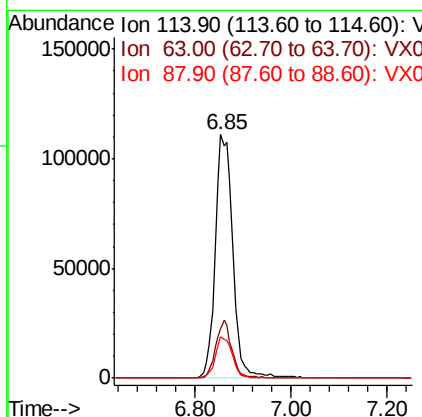
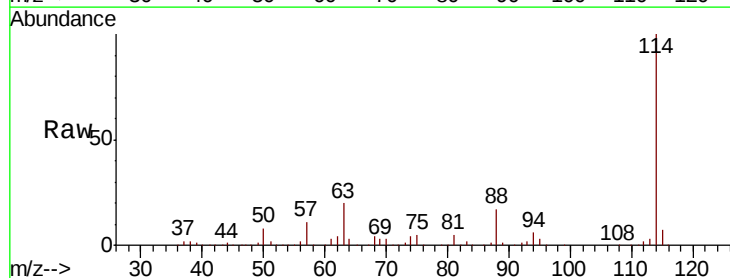
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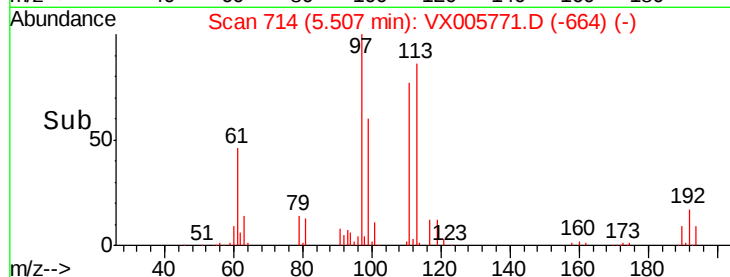
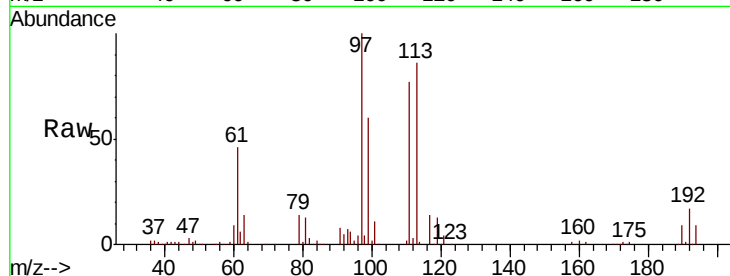
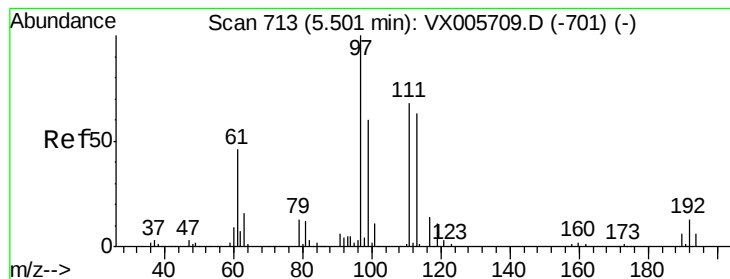
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.8	0.0	31.2





#35

Dibromofluoromethane

Concen: 46.507 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tot Ion:	113	Resp:	90705
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.3	123.5
192	20.1	17.9	26.9

Instrument :

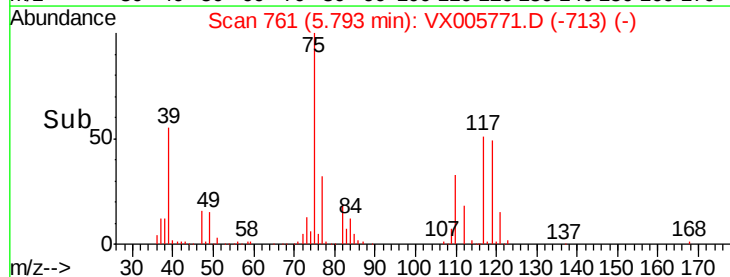
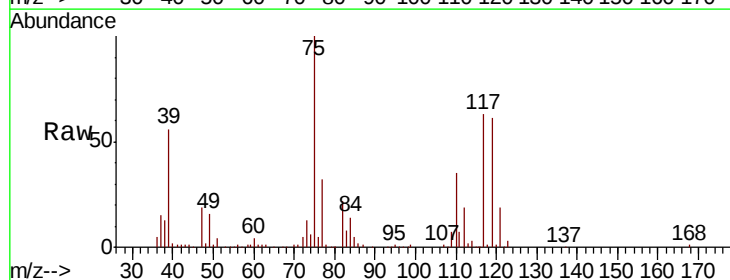
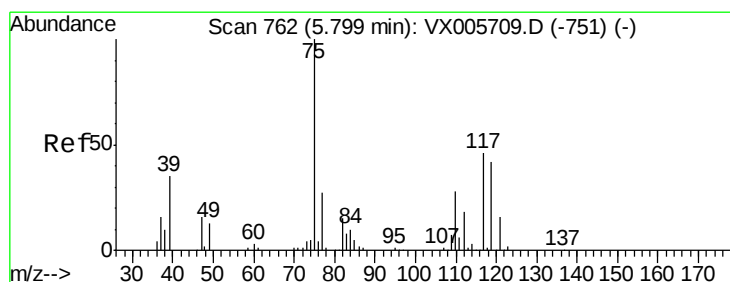
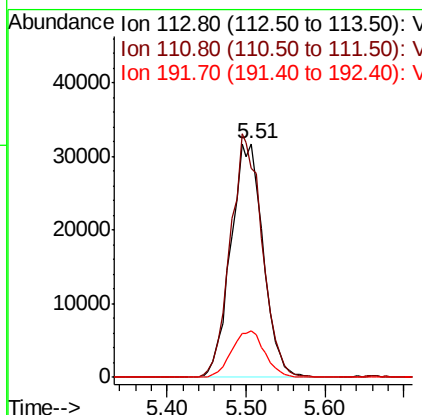
MSVOA_X

ClientSampleId :

VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 43.717 ug/l

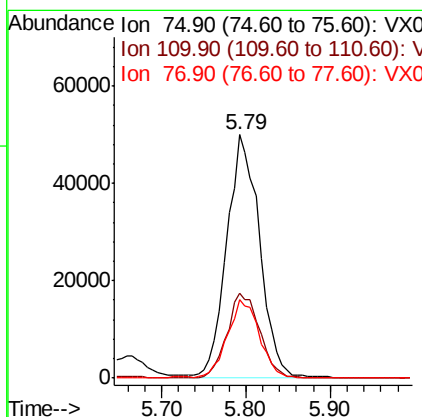
RT: 5.79 min Scan# 761

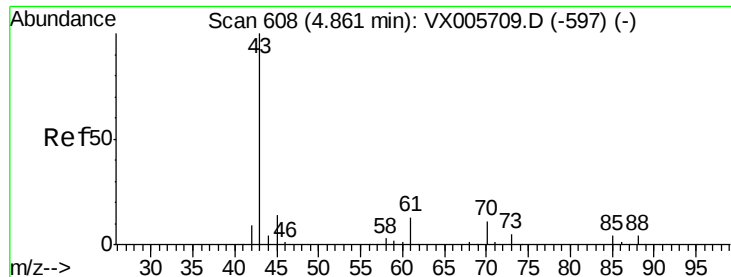
Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion:	75	Resp:	131197
Ion Ratio	Lower	Upper	
75	100		
110	35.2	17.4	52.2
77	31.5	25.8	38.6





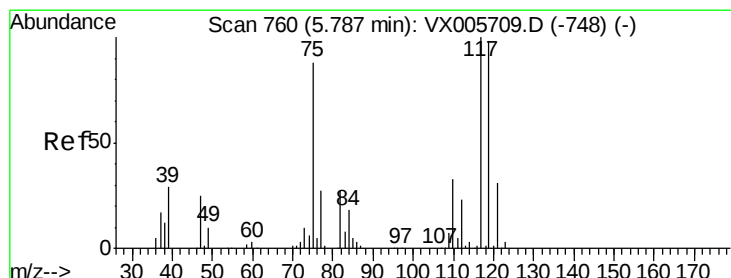
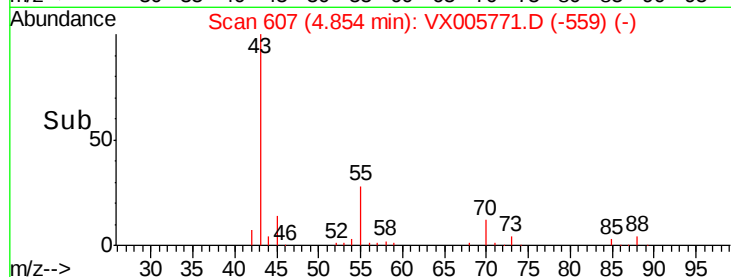
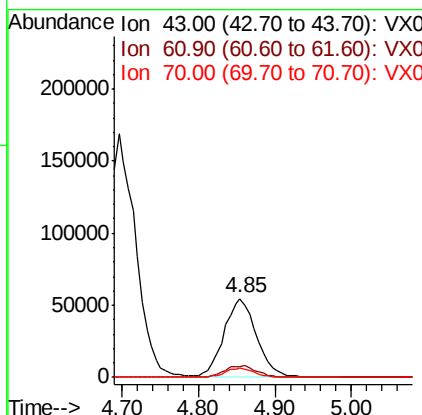
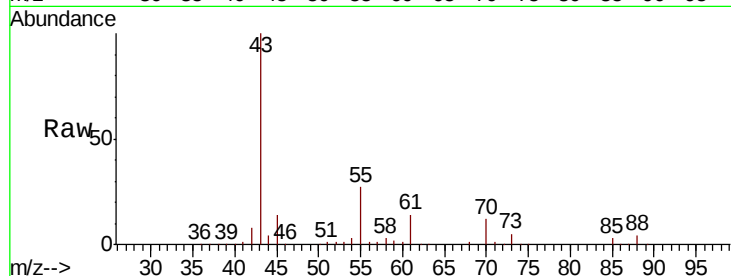
#37
Ethyl Acetate
Concen: 41.877 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.8	16.2
70	10.8	7.8	11.8

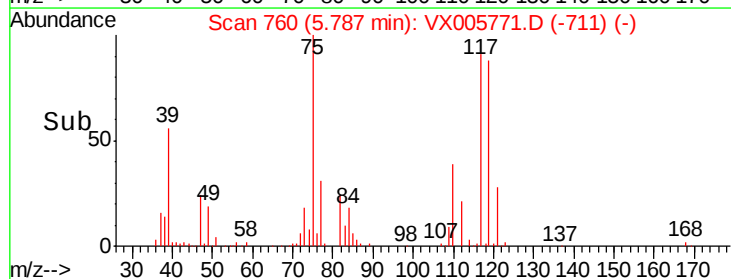
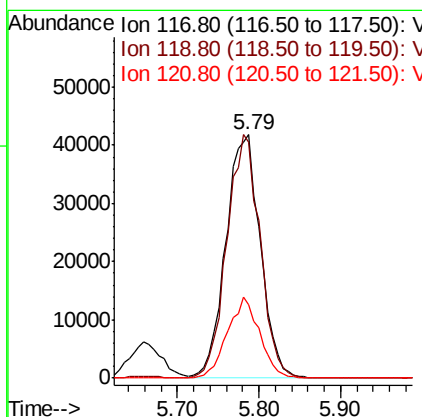
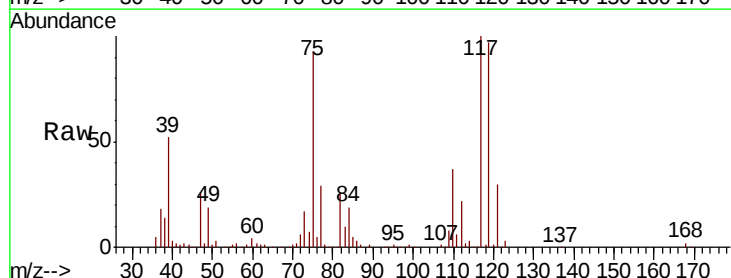
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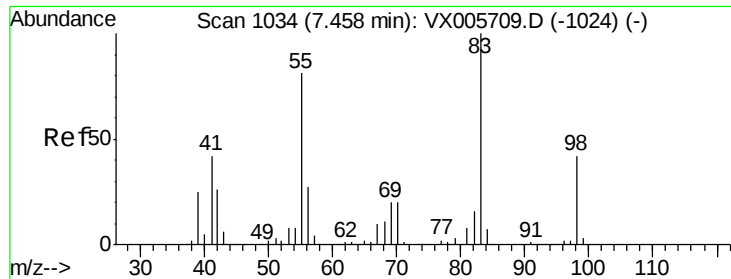
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#38
Carbon Tetrachloride
Concen: 45.056 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.1	117.1
121	30.4	24.6	36.8





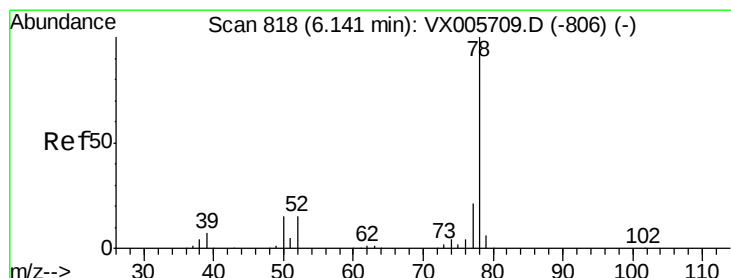
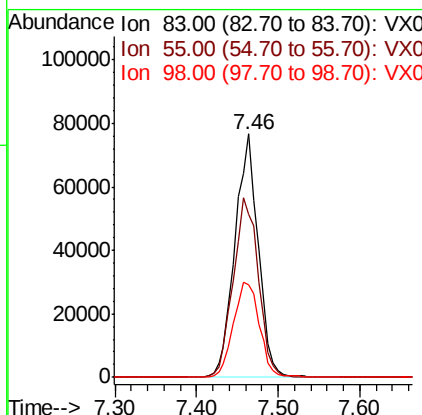
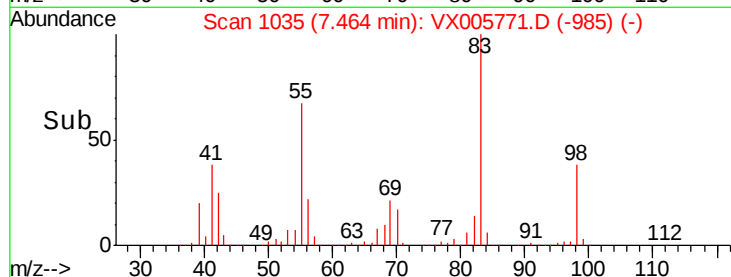
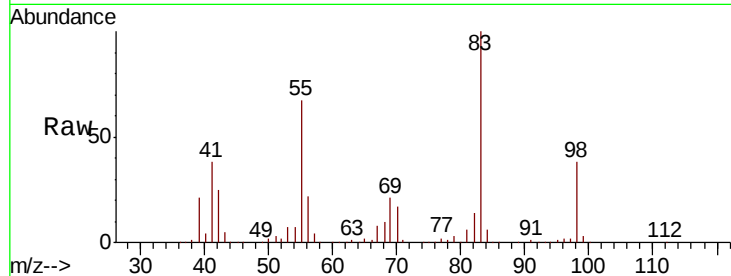
#39
Methvlcvclohexane
Concen: 48.270 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	63.7	95.5
98	37.9	36.2	54.2

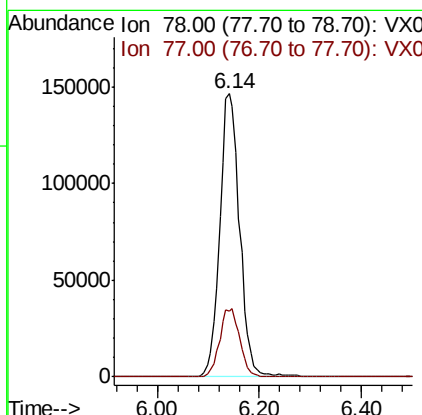
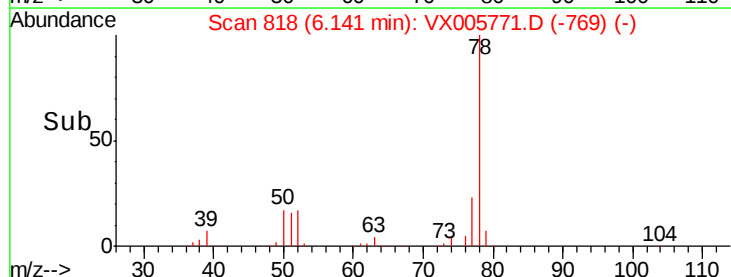
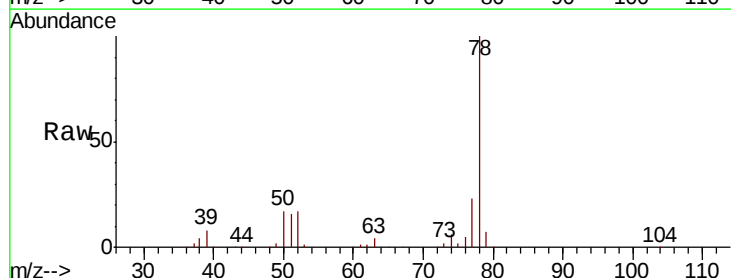
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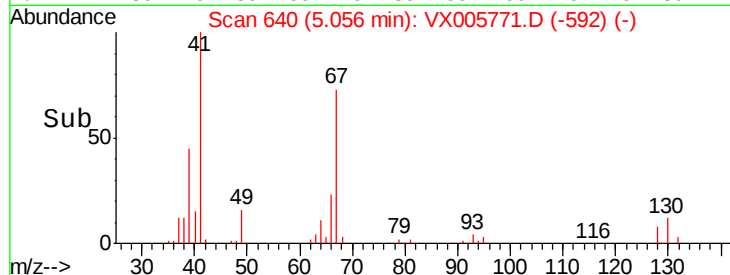
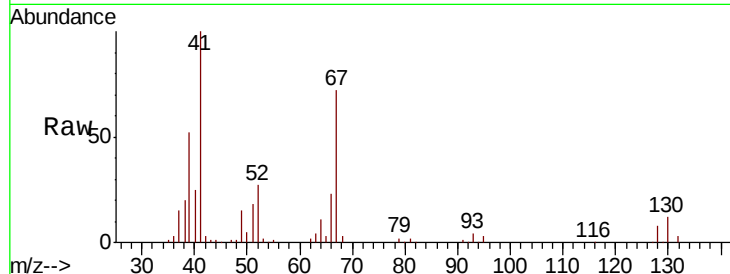
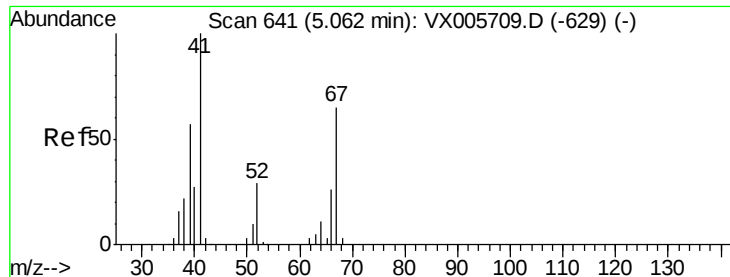
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#40
Benzene
Concen: 44.225 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.4	27.6





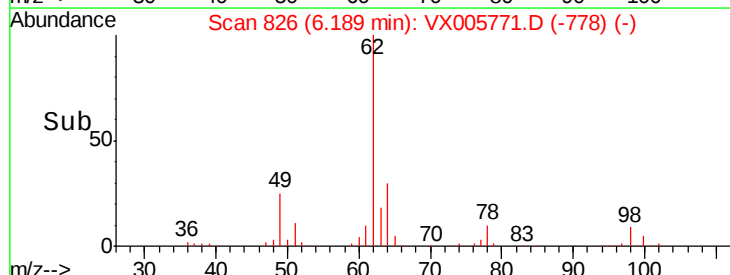
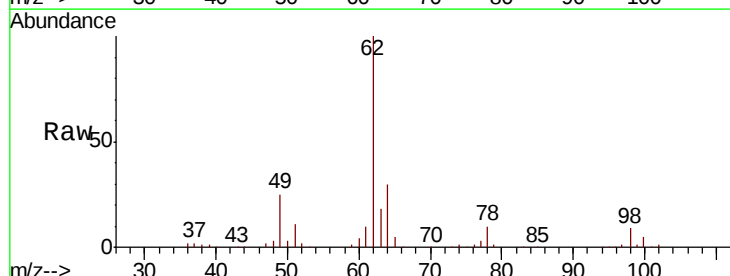
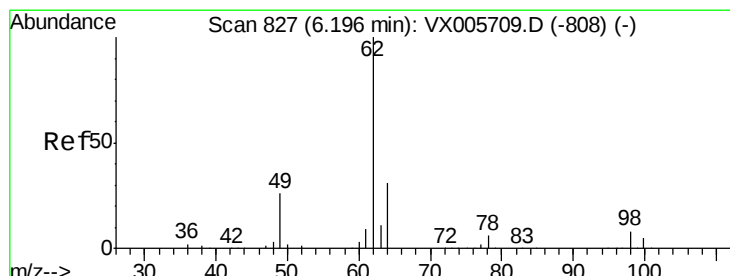
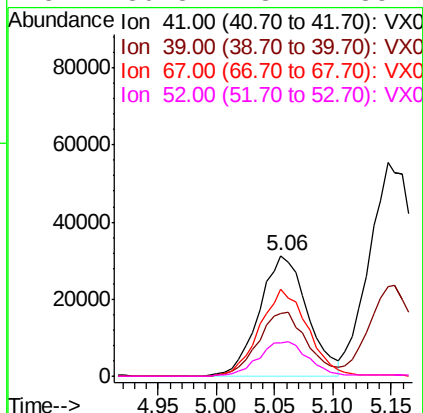
#41
Methacrylonitrile
Concen: 43.049 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100			
39	39	54.0	42.2	63.2	
67	67	72.7	53.4	80.0	
52	52	30.3	23.4	35.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

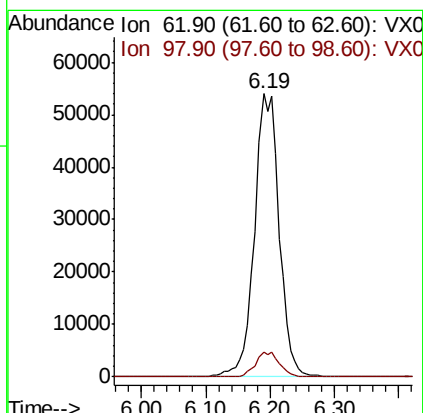
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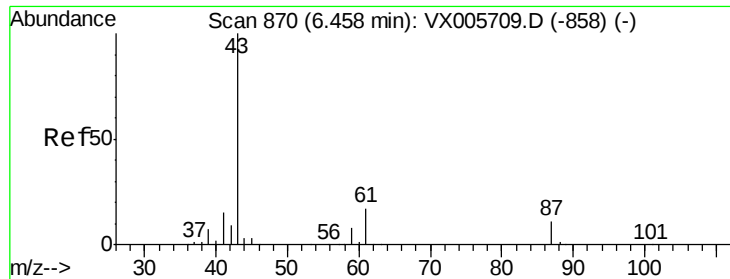
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#42
1,2-Dichloroethane
Concen: 42.820 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100			
98	98	8.6	0.0	17.8	





#43

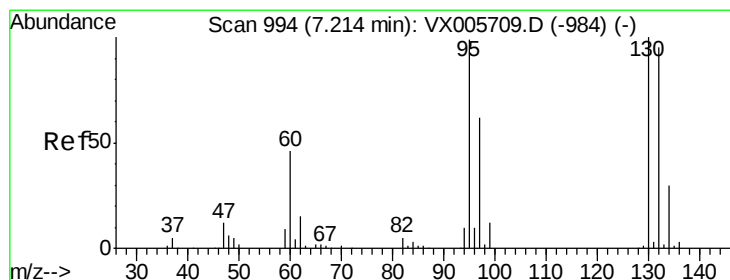
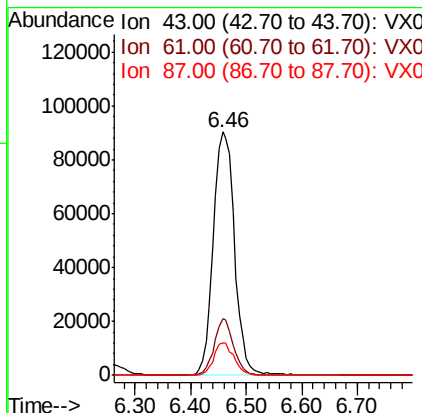
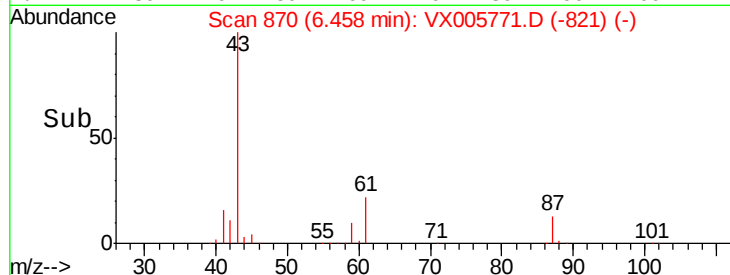
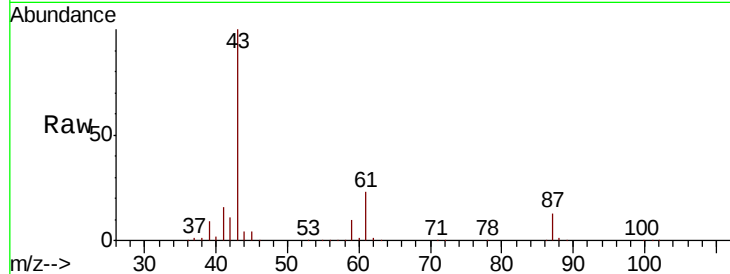
Isopropyl Acetate
 Concen: 43.218 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	14.6	22.0
87	12.8	9.6	14.4

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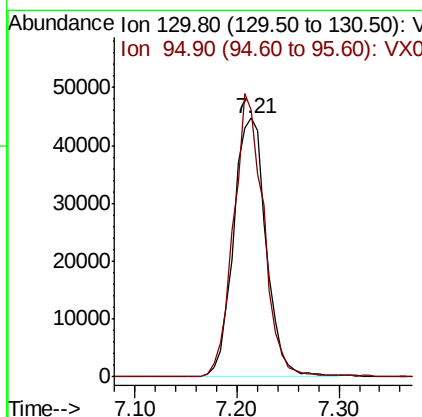
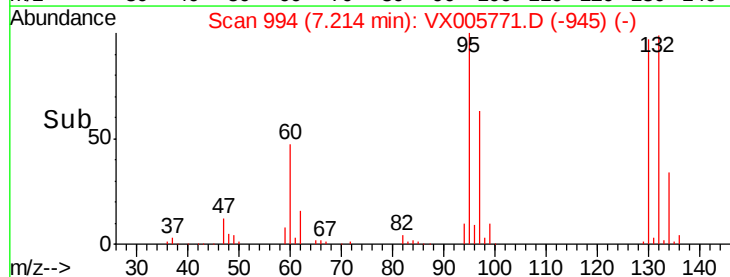
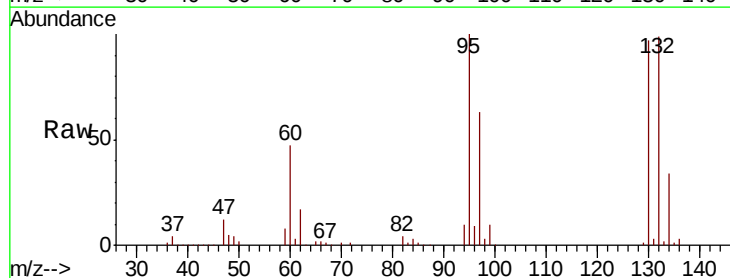
apatel
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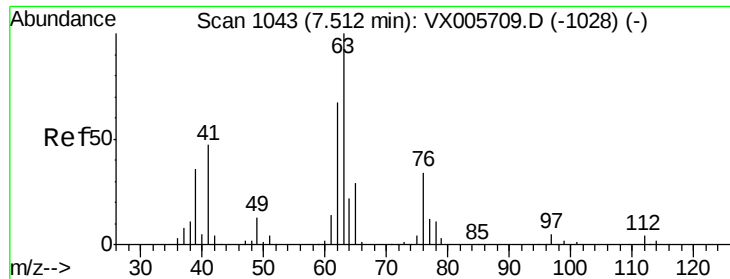


#44

Trichloroethene
 Concen: 47.881 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	194.2





#45

1,2-Dichloropropane

Concen: 47.271 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 108154

Ion Ratio Lower Upper

63 100

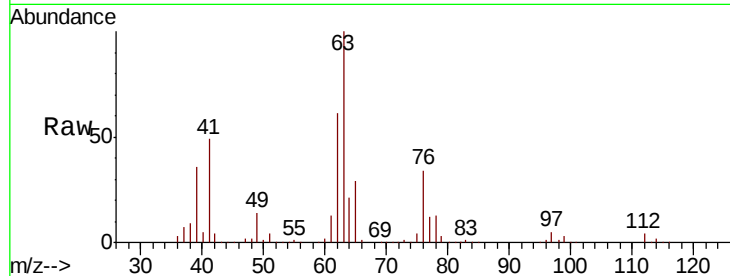
65 29.1 24.8 37.2

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

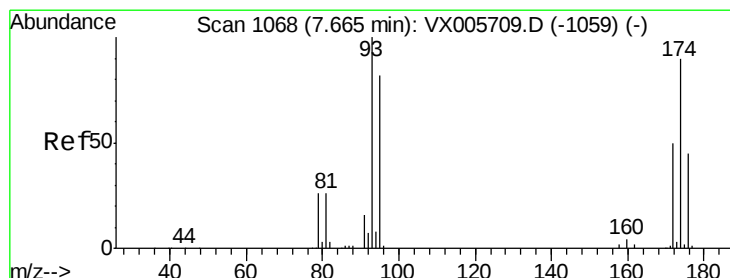
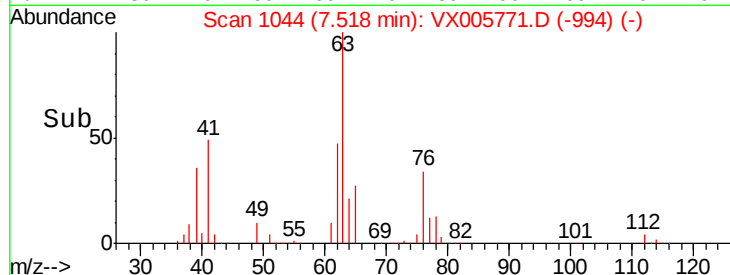
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 46.879 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

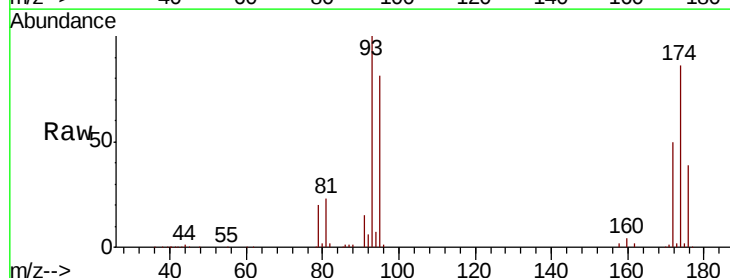
Tgt Ion: 93 Resp: 68546

Ion Ratio Lower Upper

93 100

95 81.8 67.4 101.0

174 95.3 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

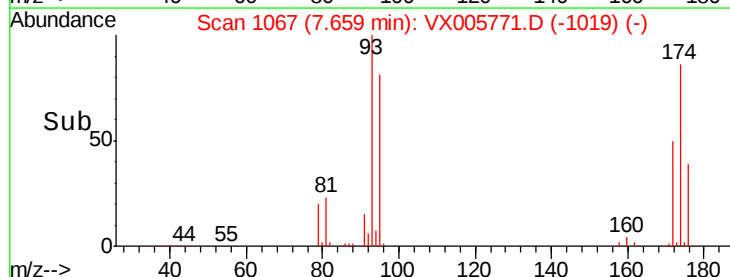
20000

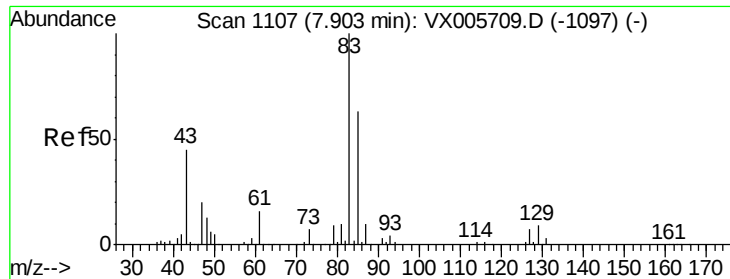
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 45.633 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

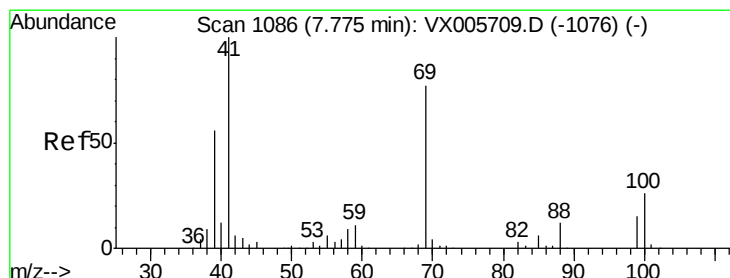
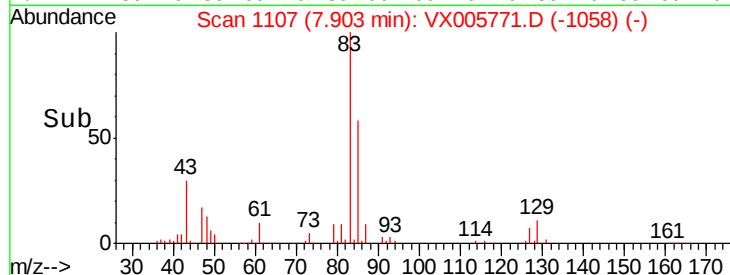
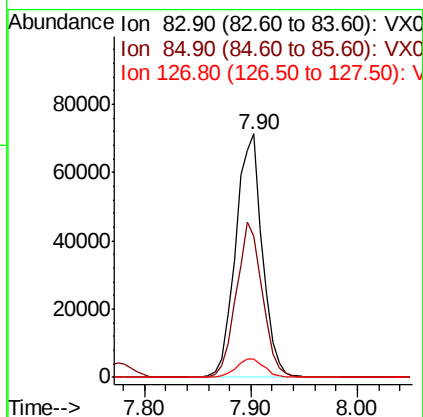
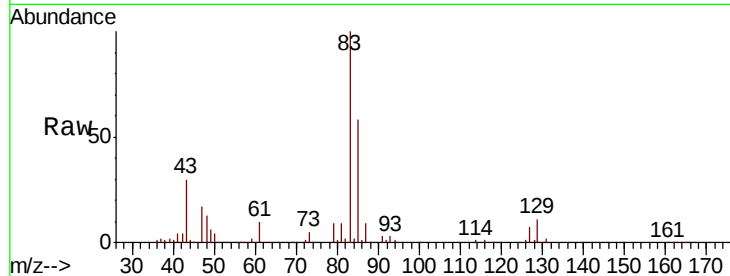
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	125158
Ion Ratio	Lower	Upper	
83	100		
85	58.1	50.2	75.4
127	7.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 46.126 ug/l

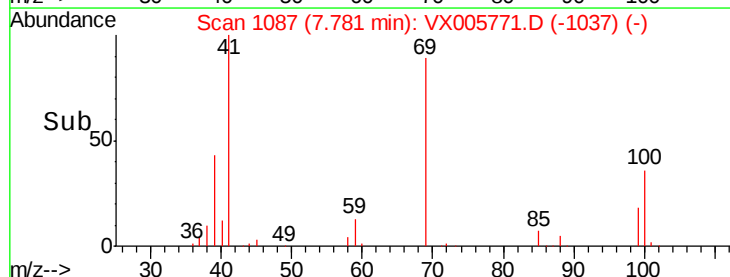
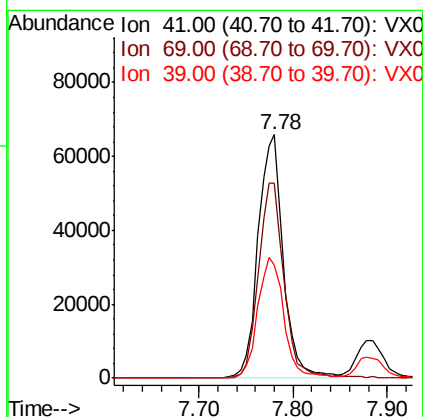
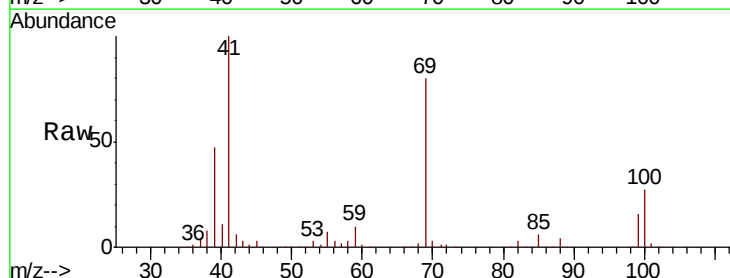
RT: 7.78 min Scan# 1087

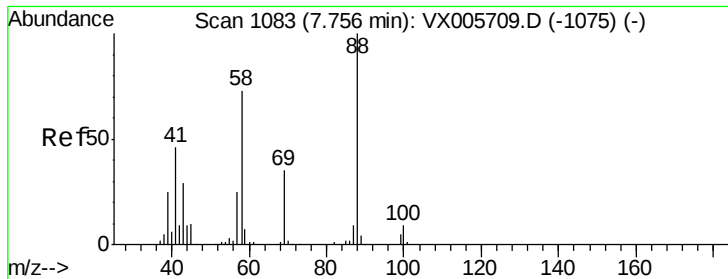
Delta R.T. 0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion:	41	Resp:	124060
Ion Ratio	Lower	Upper	
41	100		
69	82.0	63.2	94.8
39	51.7	42.2	63.2





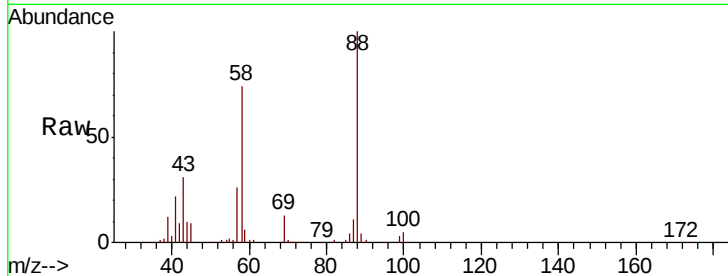
#49
1,4-Dioxane
Concen: 904.500 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

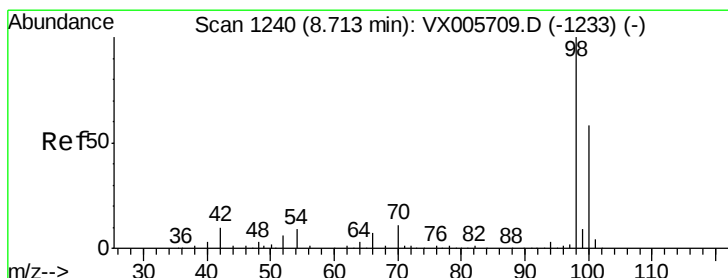
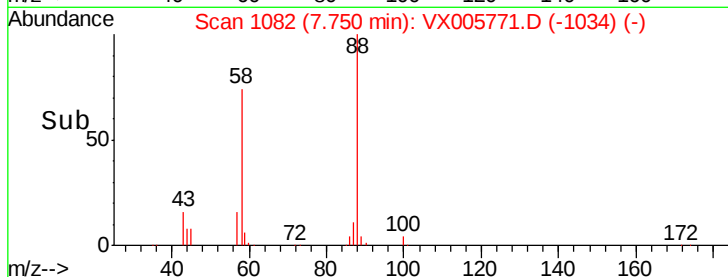
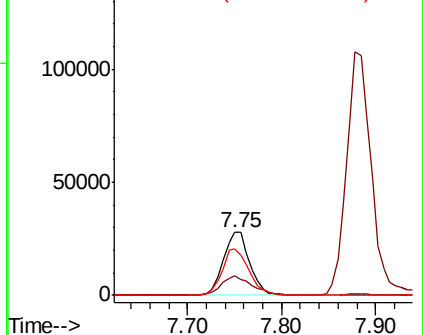
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	27.4	41.0
58	74.6	59.4	89.2

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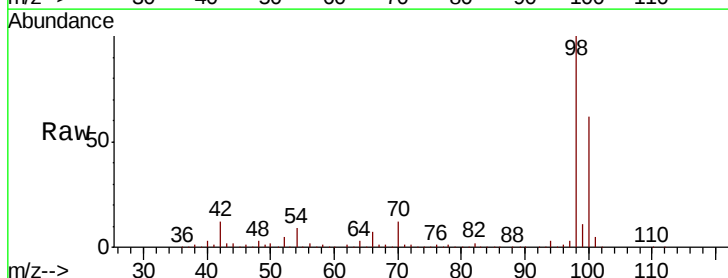


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

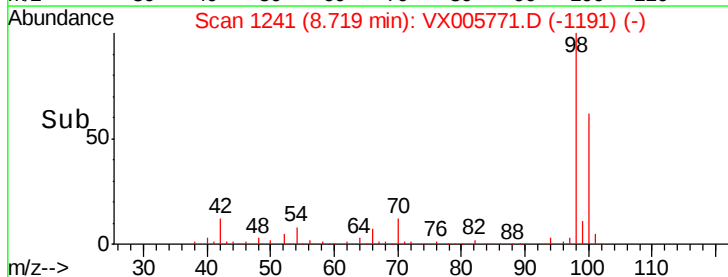
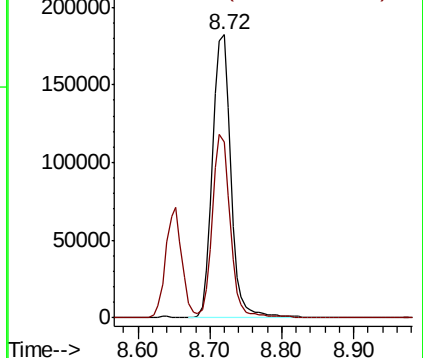


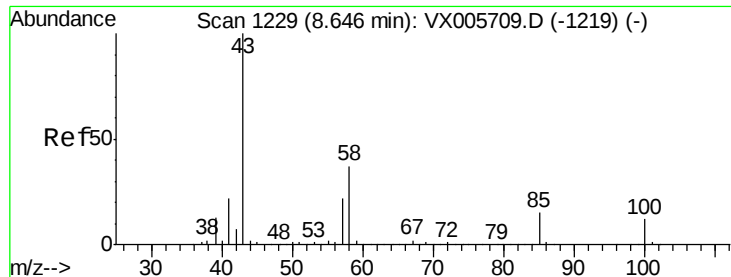
#50
Toluene-d8
Concen: 47.130 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.3	76.9



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





#51

4-Methyl-2-Pentanone

Concen: 218.537 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 828065

Ion Ratio Lower Upper

43 100

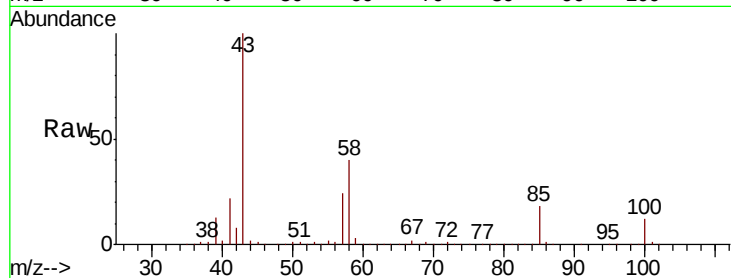
58 39.4 29.7 44.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

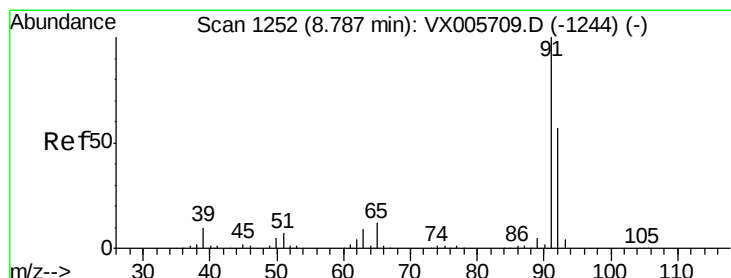
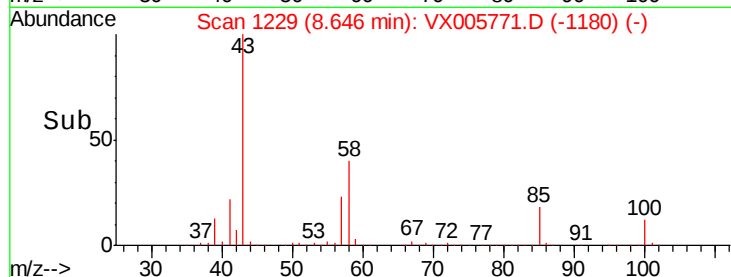
100000

0

8.65

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 49.264 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005771.D

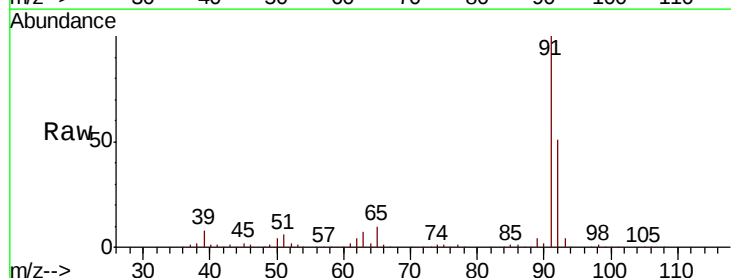
Acq: 05 Nov 2018 11:58

Tgt Ion: 92 Resp: 237904

Ion Ratio Lower Upper

92 100

91 178.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

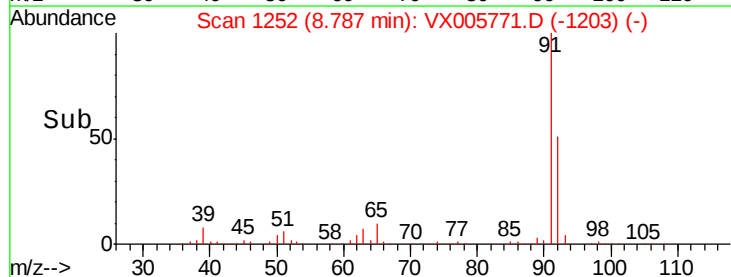
50000

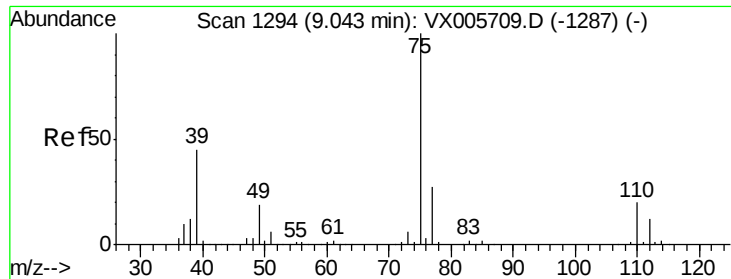
0

8.79

8.70 8.80 8.90 9.00

Time-->





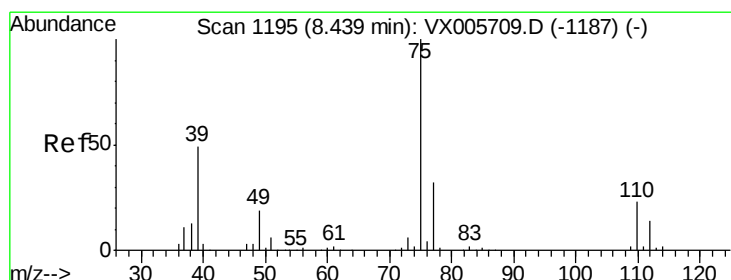
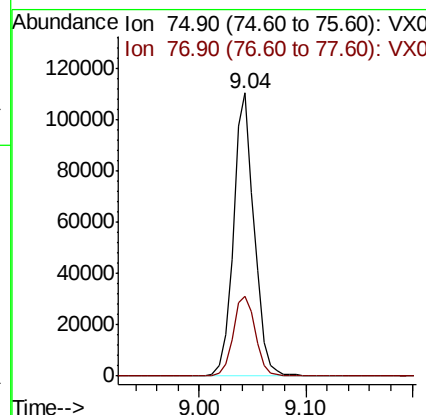
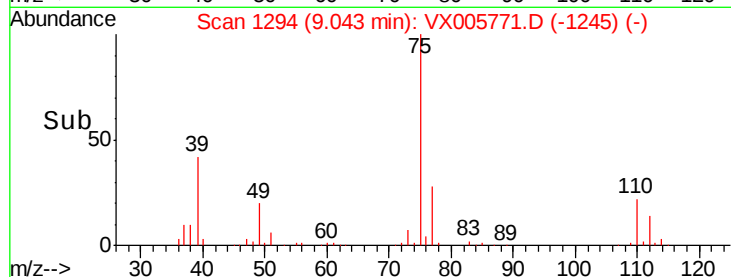
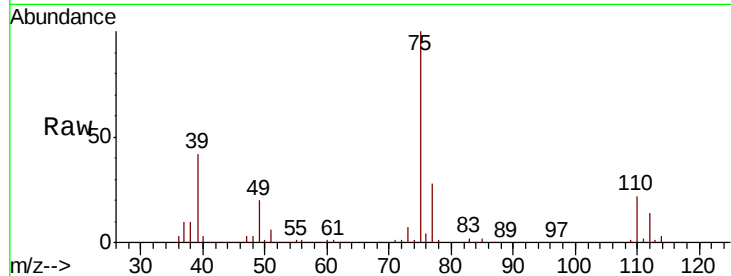
#53
t-1,3-Dichloropropene
Concen: 50.577 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 150331
Ion Ratio Lower Upper
75 100
77 28.2 25.4 38.2

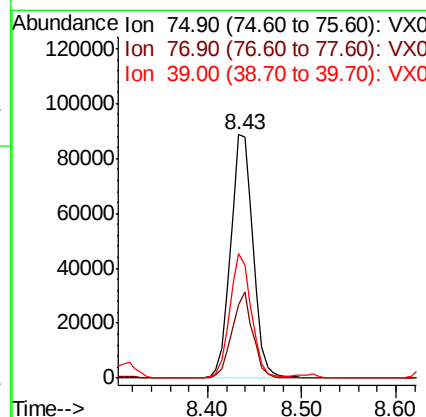
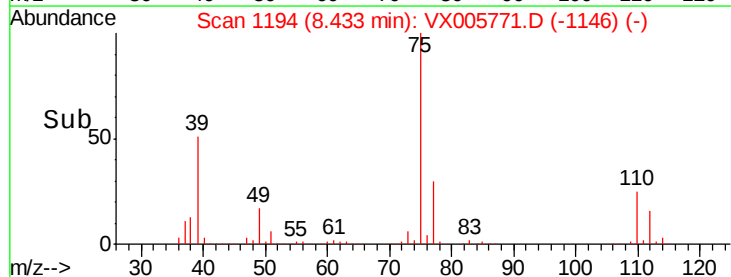
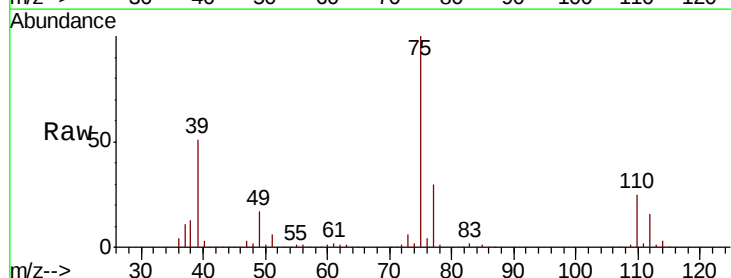
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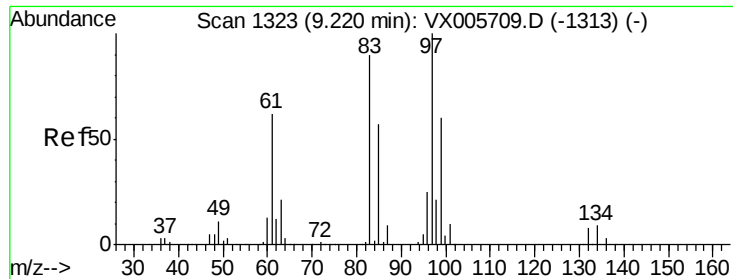
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#54
cis-1,3-Dichloropropene
Concen: 45.981 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 75 Resp: 146428
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8
39 50.8 38.2 57.2





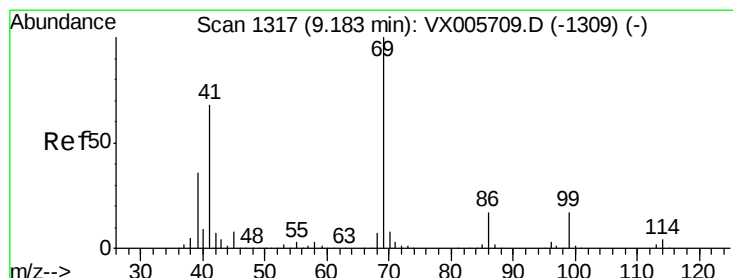
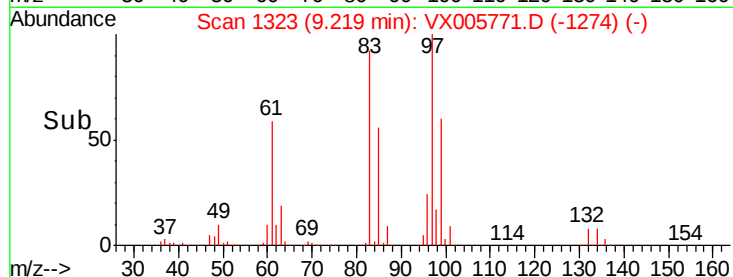
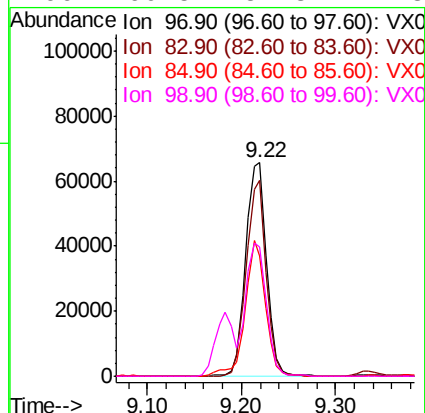
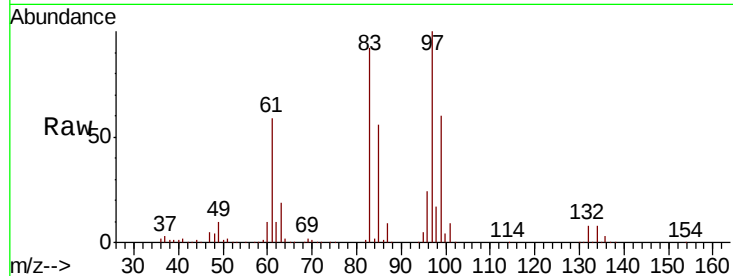
#55
 1,1,2-Trichloroethane
 Concen: 48.559 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	101839
Ion	Ratio	Lower	Upper
97	100		
83	91.9	70.7	106.1
85	56.2	45.8	68.6
99	60.5	51.8	77.8

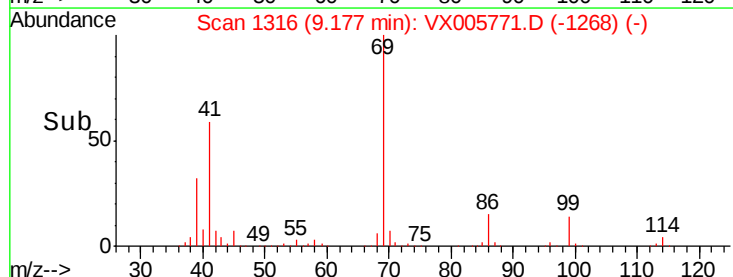
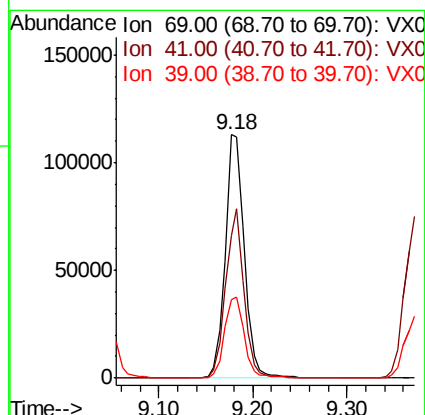
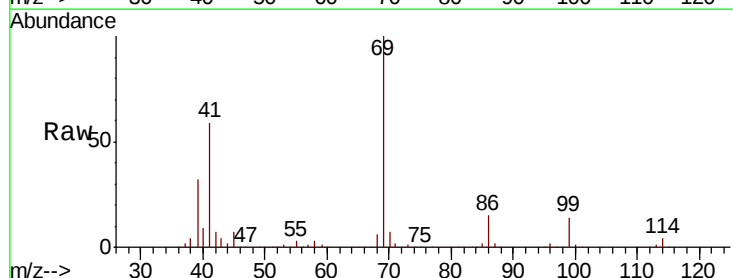
Manual Integrations
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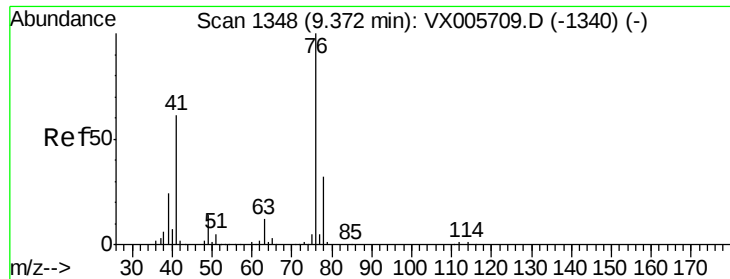
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#56
 Ethyl methacrylate
 Concen: 44.771 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion:	69	Resp:	158416
Ion	Ratio	Lower	Upper
69	100		
41	66.5	57.0	85.6
39	34.5	28.3	42.5





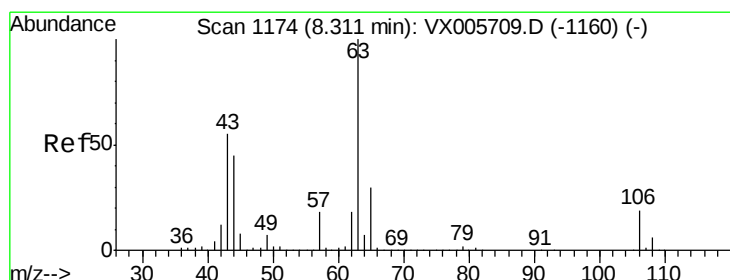
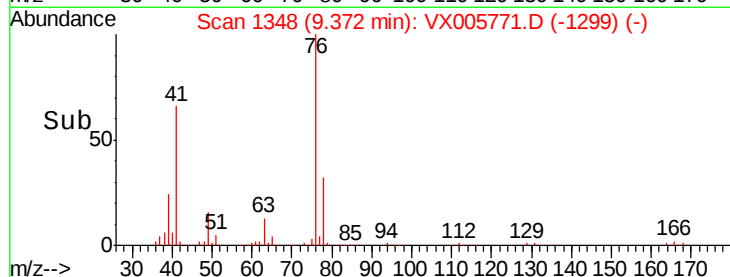
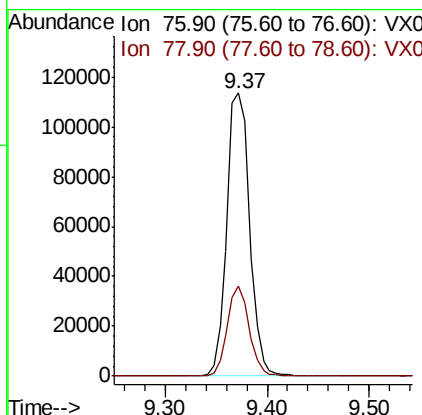
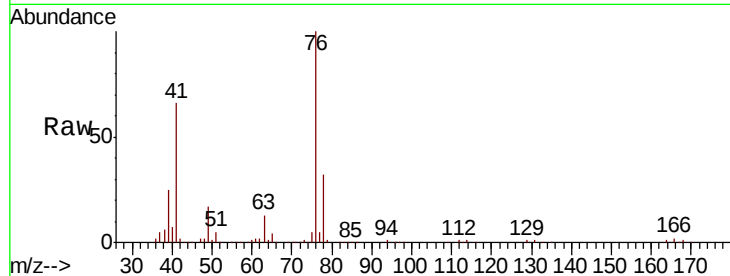
#57
 1,3-Dichloropropane
 Concen: 48.737 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.5	25.3	37.9

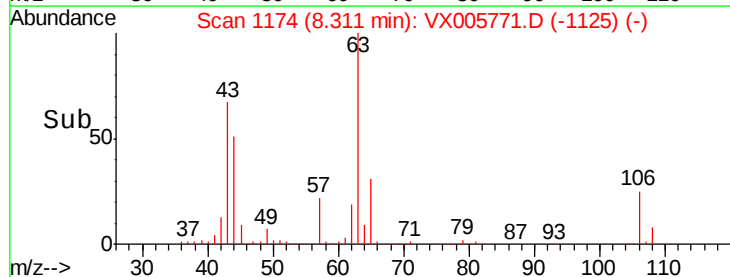
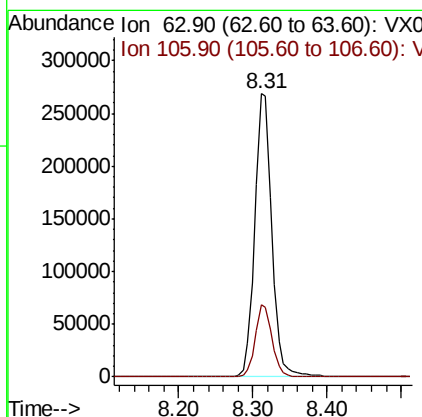
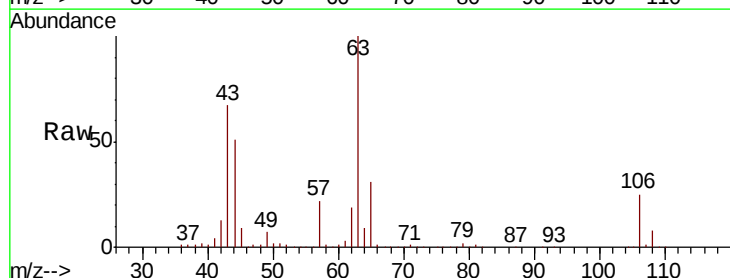
Manual Integrations
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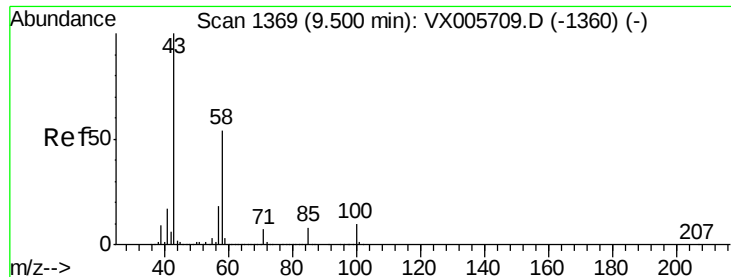
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#58
 2-Chloroethyl Vinyl ether
 Concen: 215.447 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.2	21.3	31.9





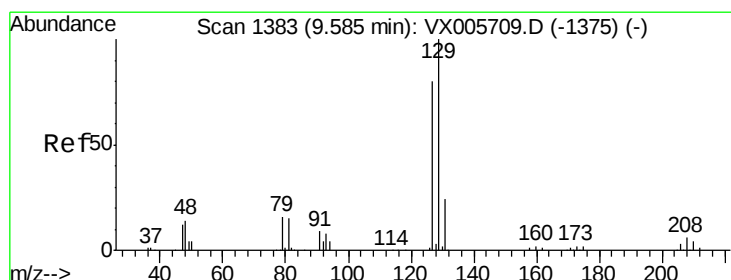
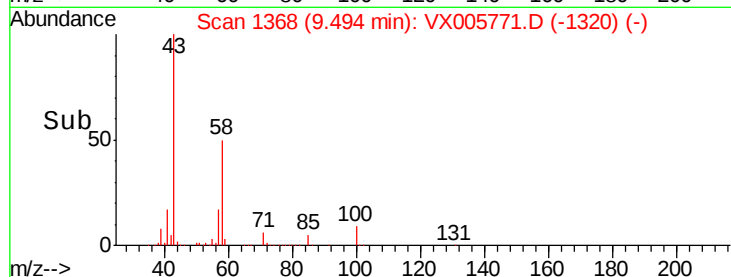
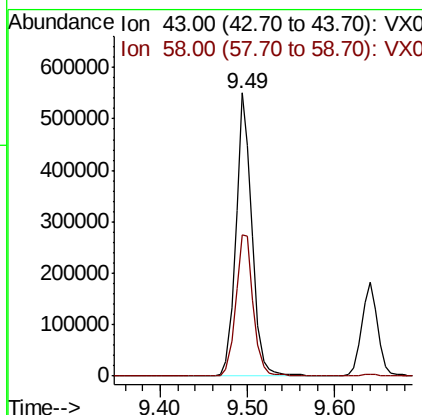
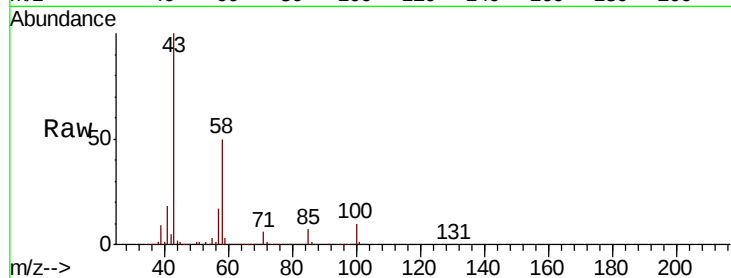
#59
2-Hexanone
Concen: 229.294 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 707051
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.8

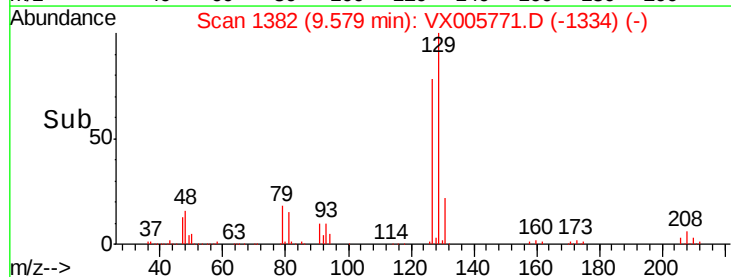
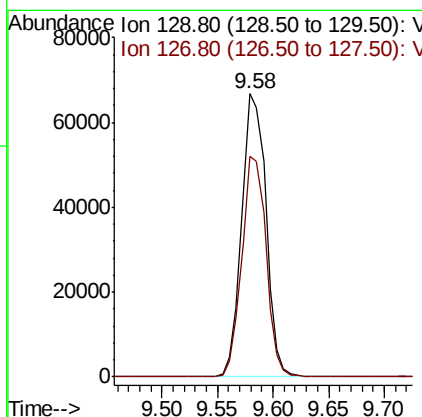
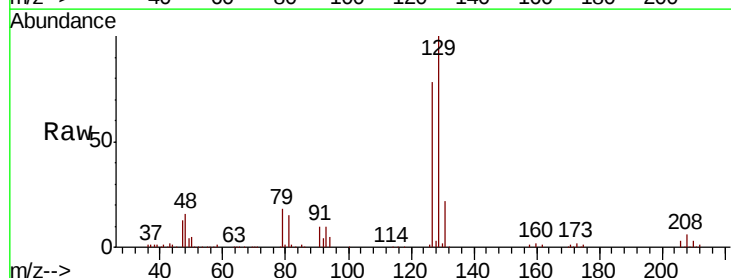
Manual Integrations
APPROVED

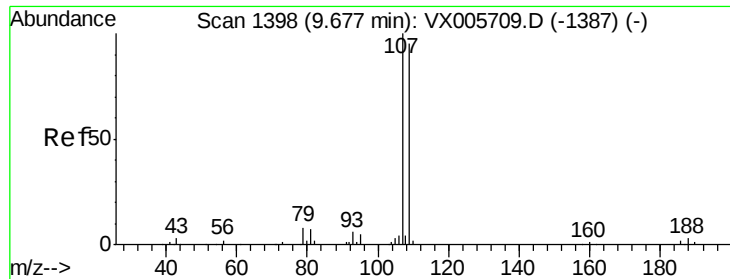
apatel
11/6/2018 8:26:51 AM



#60
Dibromochloromethane
Concen: 50.156 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion: 129 Resp: 101643
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.533 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 107991

Ion Ratio Lower Upper

107 100

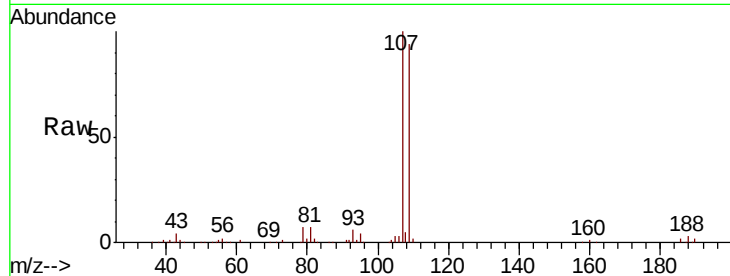
109 91.9 75.7 113.5

Manual Integrations

APPROVED

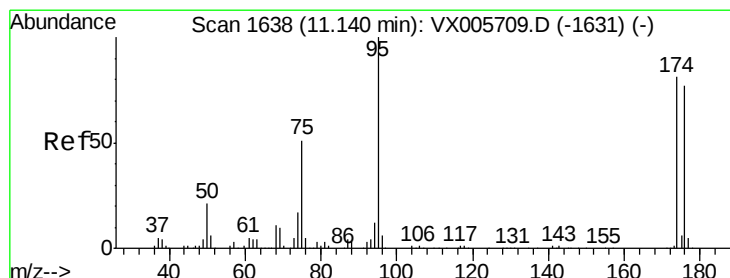
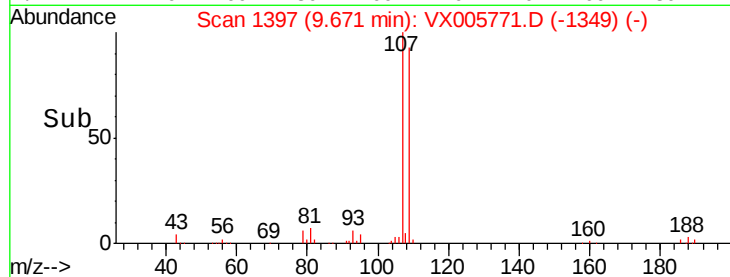
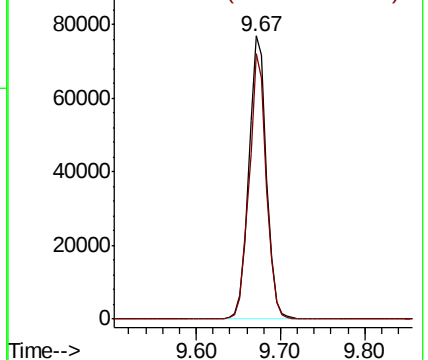
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.815 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

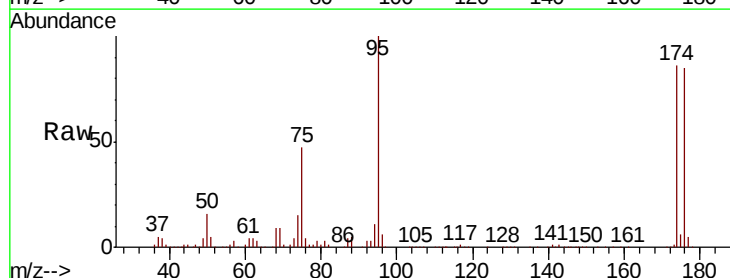
Tgt Ion: 95 Resp: 123240

Ion Ratio Lower Upper

95 100

174 81.9 0.0 184.4

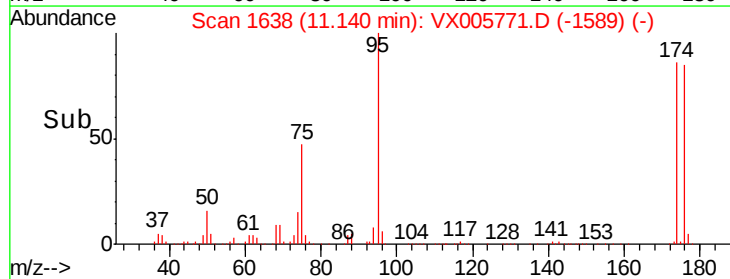
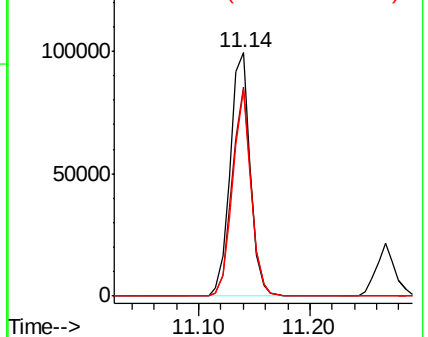
176 78.5 0.0 177.4

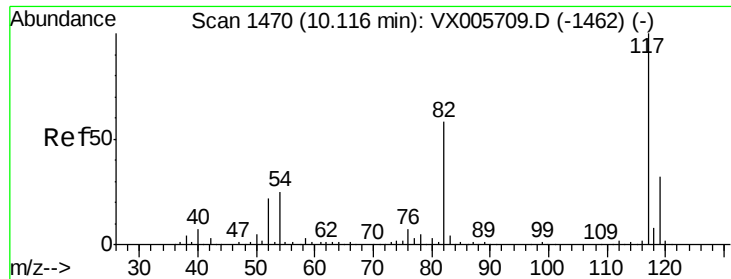


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





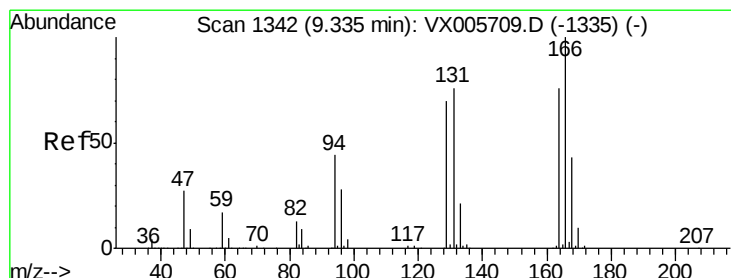
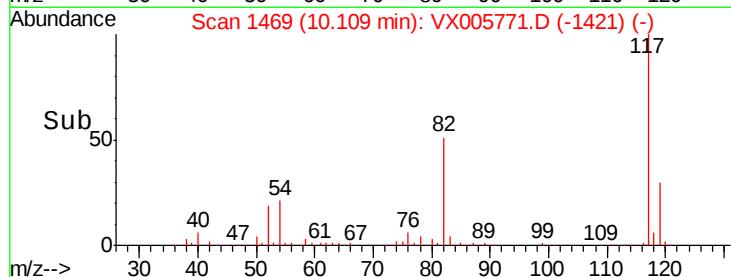
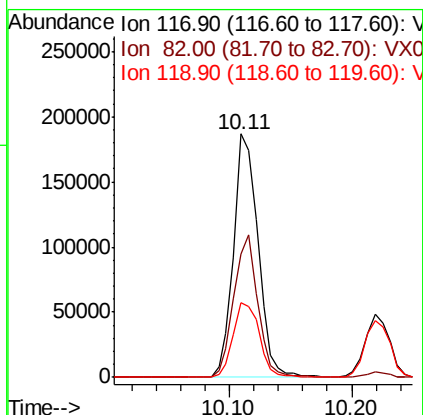
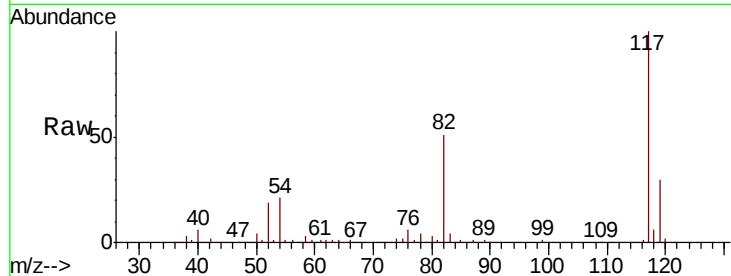
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	44.1	66.1
119	30.5	26.2	39.2

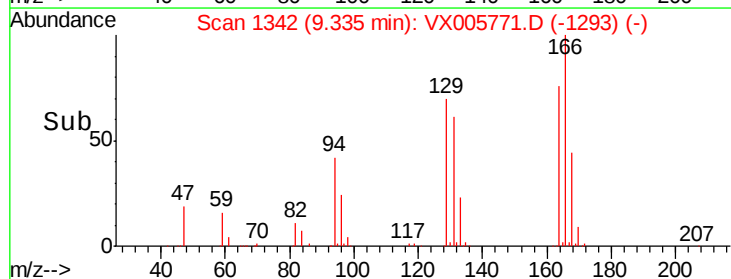
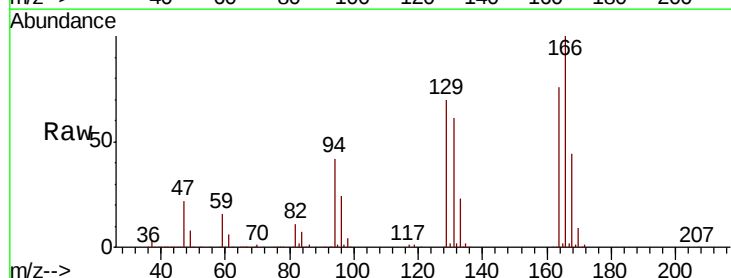
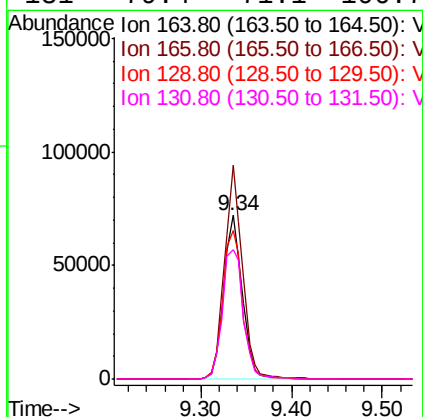
Manual Integrations
APPROVED

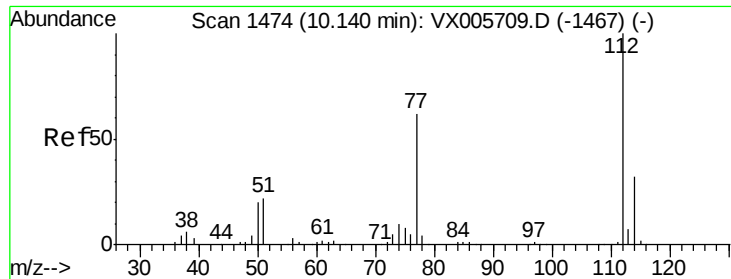
apatel
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#64
Tetrachloroethene
Concen: 54.910 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.9	152.9
129	91.2	72.6	109.0
131	79.4	71.1	106.7





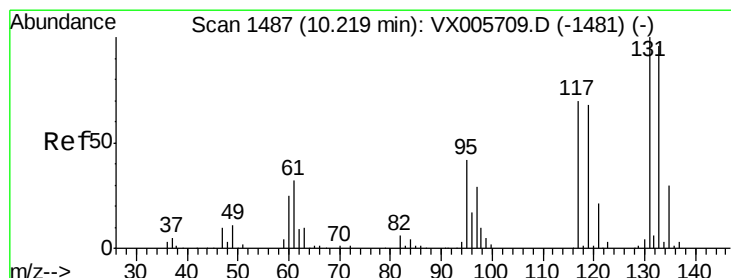
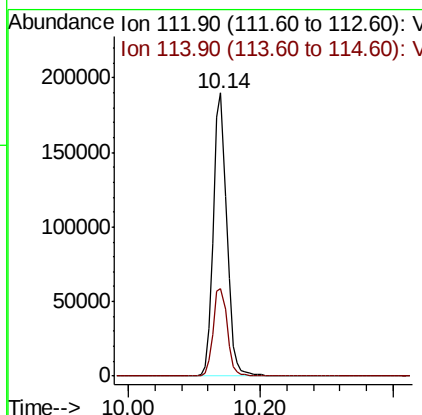
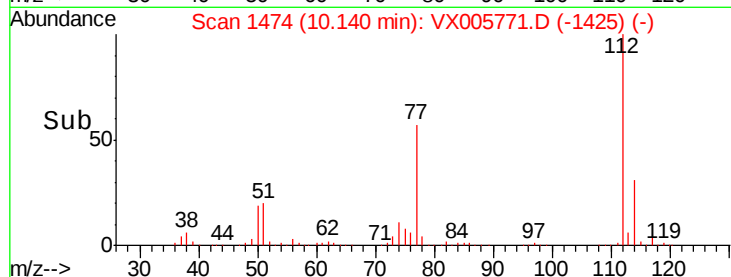
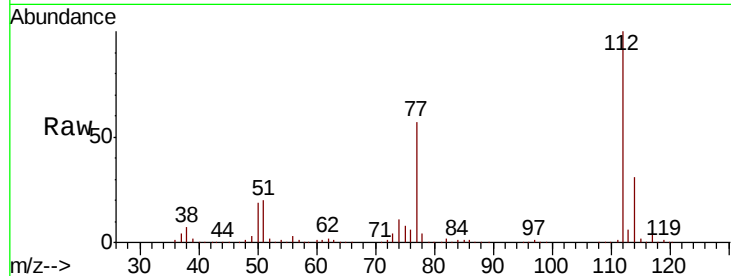
#65
Chlorobenzene
Concen: 48.016 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 263632
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

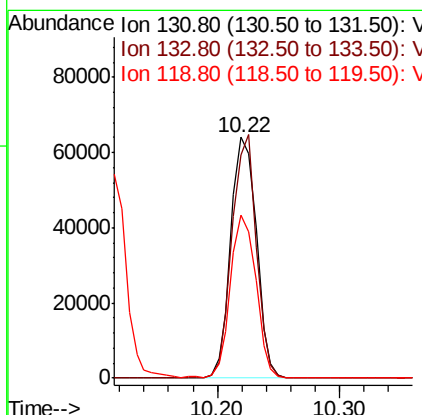
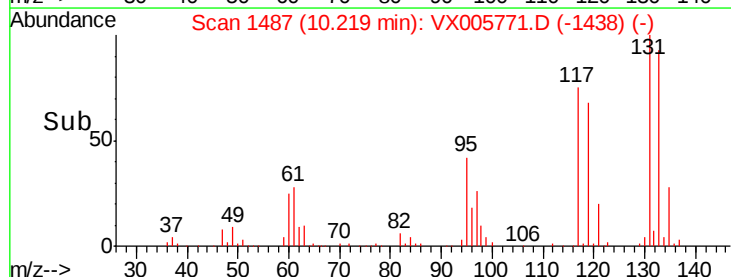
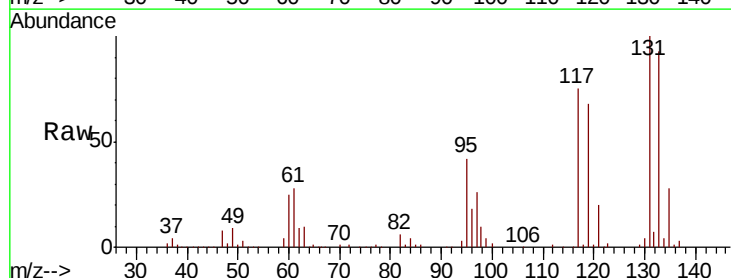
Manual Integrations
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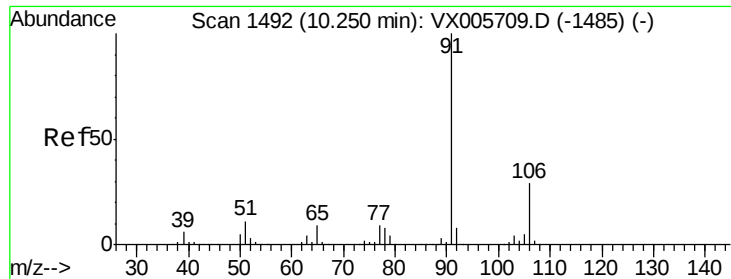
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.476 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion:131 Resp: 92994
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.5
119 67.2 31.8 95.3





#67

Ethyl Benzene

Concen: 50.328 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 471598

Ion Ratio Lower Upper

91 100

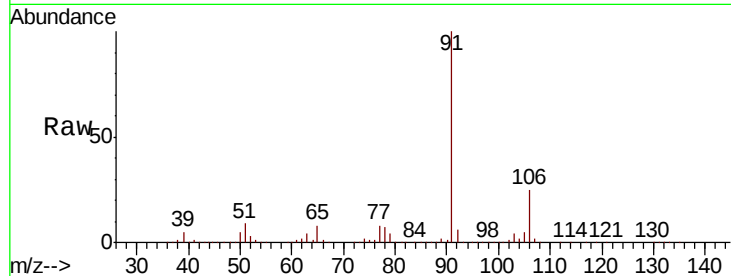
106 25.3 24.4 36.6

Manual Integrations

APPROVED

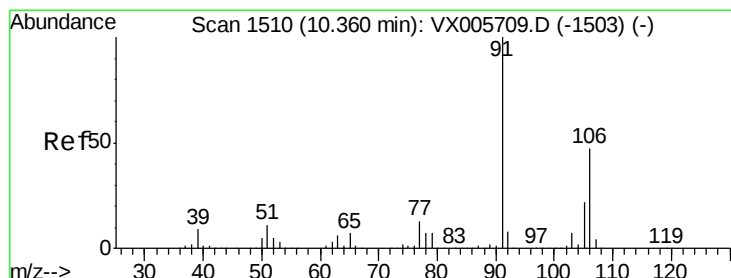
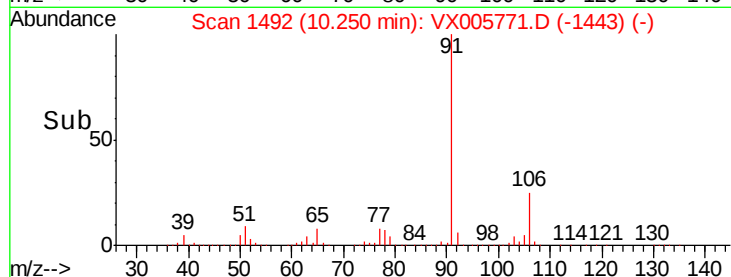
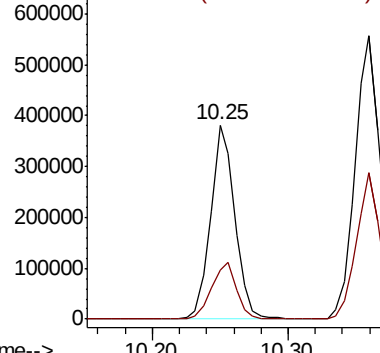
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.170 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005771.D

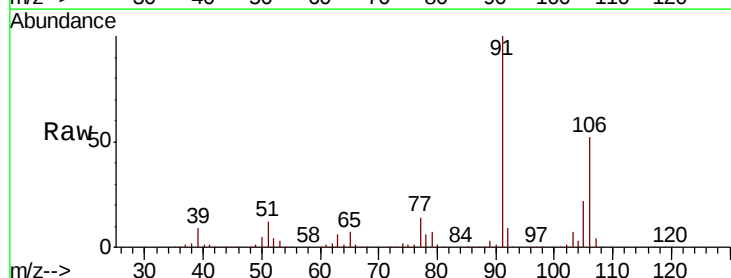
Acq: 05 Nov 2018 11:58

Tgt Ion: 106 Resp: 352266

Ion Ratio Lower Upper

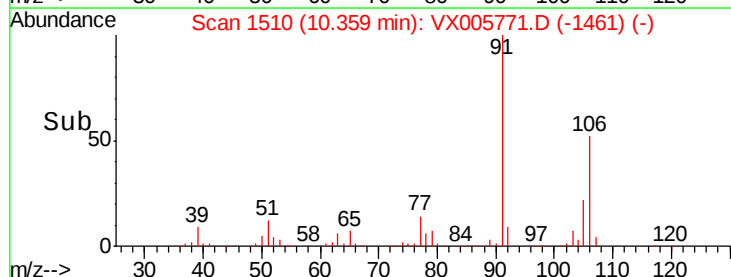
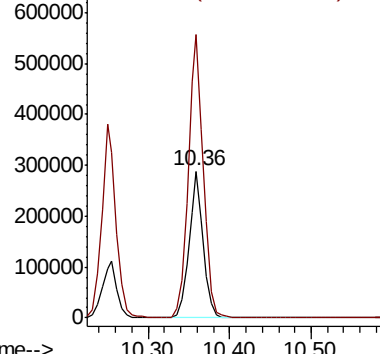
106 100

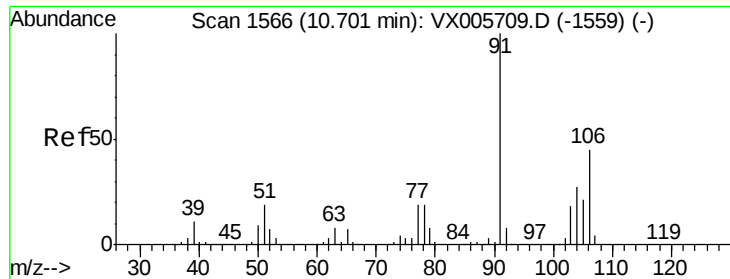
91 205.7 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





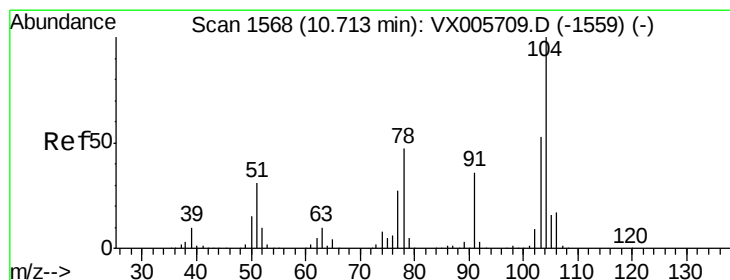
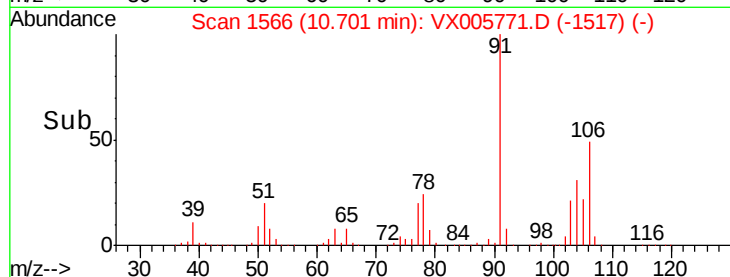
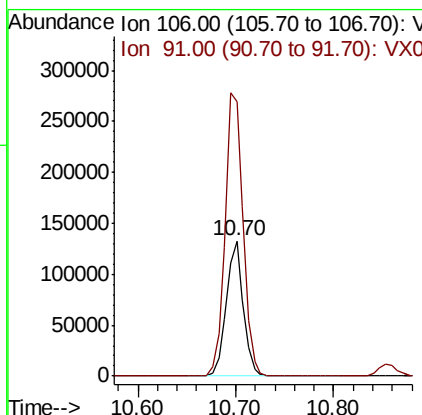
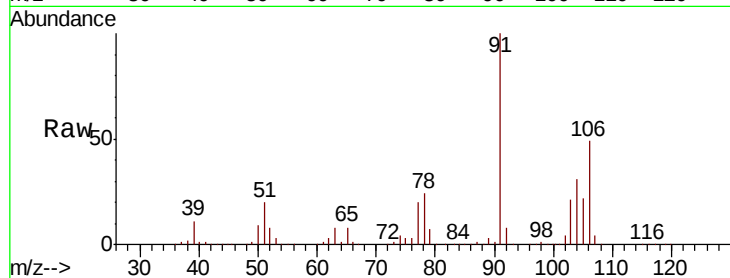
#69
o-Xylene
Concen: 47.618 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 158577
Ion Ratio Lower Upper
106 100
91 223.1 108.5 325.5

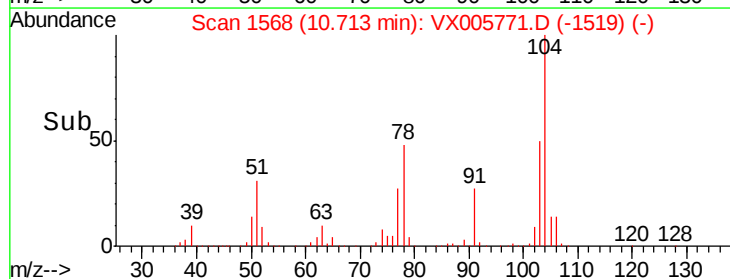
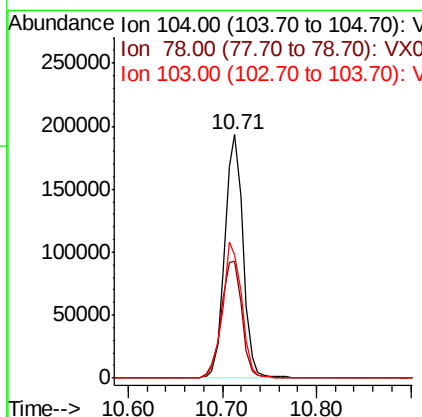
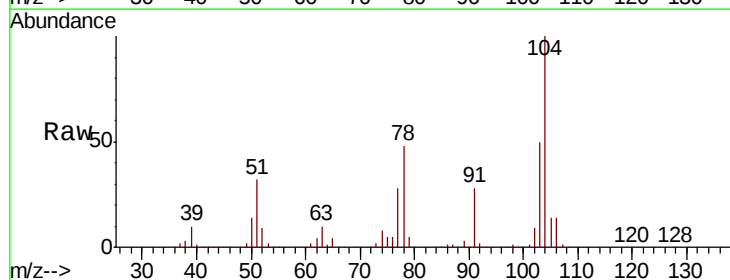
Manual Integrations
APPROVED

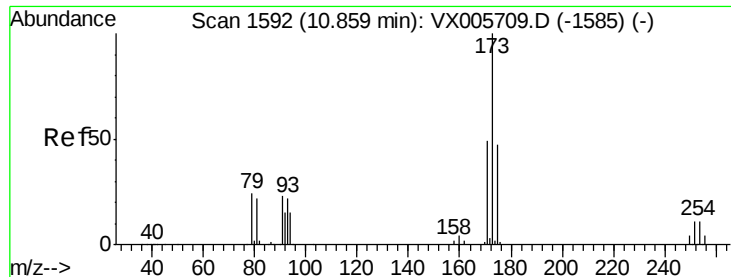
apatel
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#70
Styrene
Concen: 47.159 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion:104 Resp: 260841
Ion Ratio Lower Upper
104 100
78 54.1 40.2 60.4
103 58.2 44.9 67.3





#71

Bromoform

Concen: 46.347 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

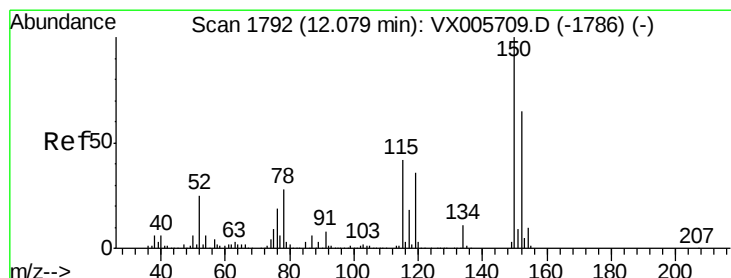
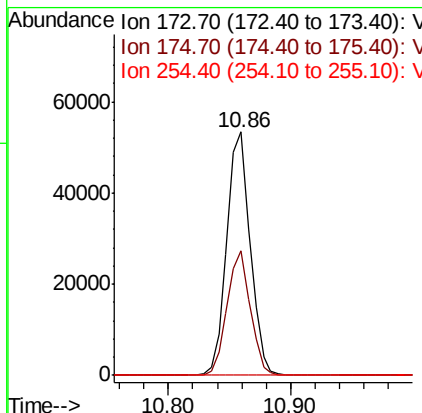
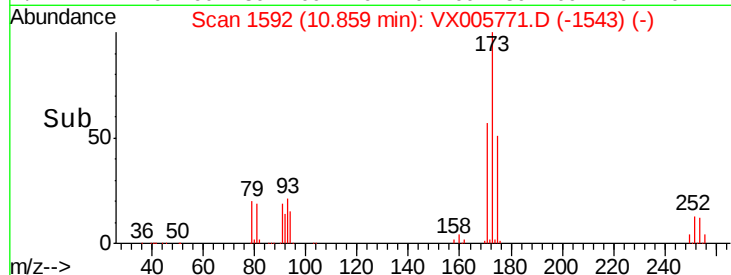
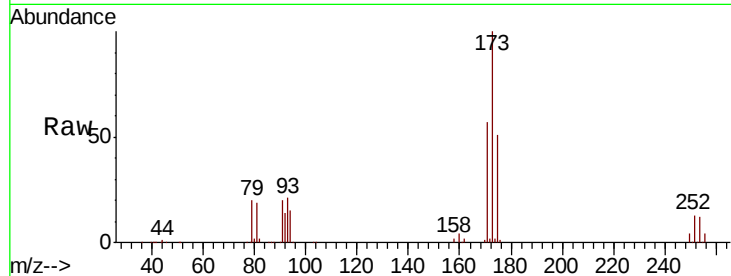
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.8	24.8	74.3
254	0.1	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

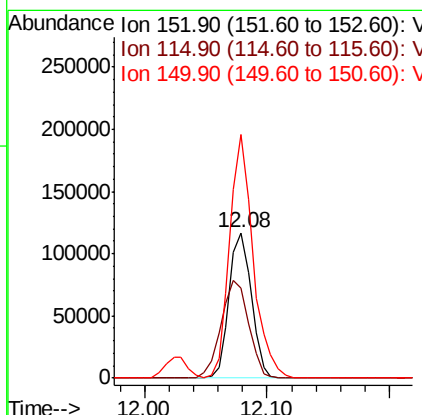
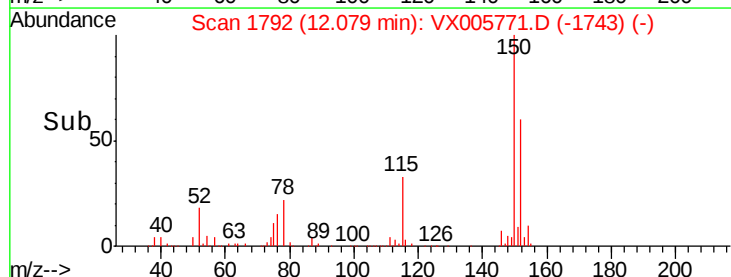
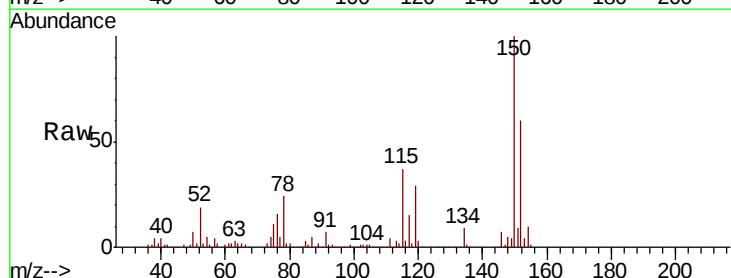
RT: 12.08 min Scan# 1792

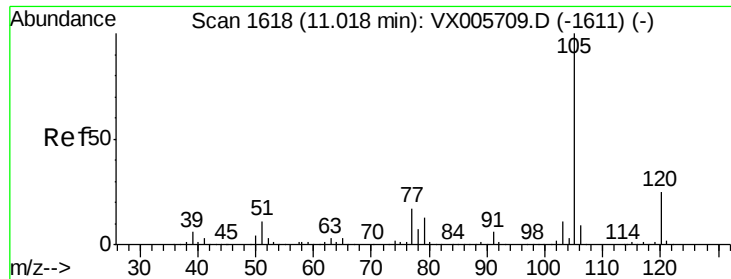
Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.4	39.4	118.1
150	175.5	0.0	346.4





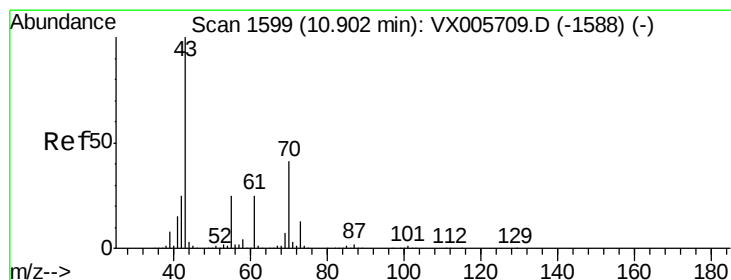
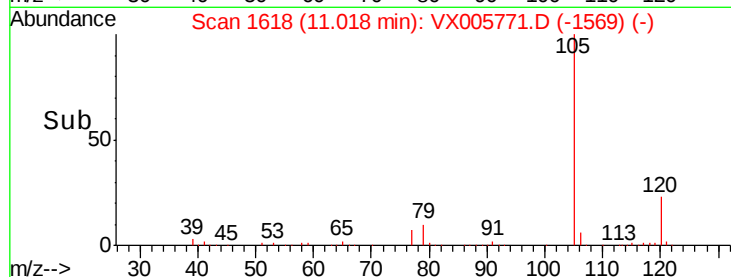
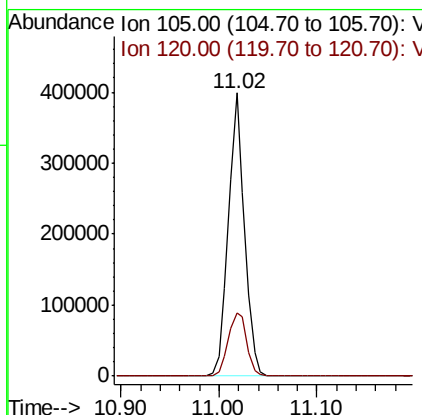
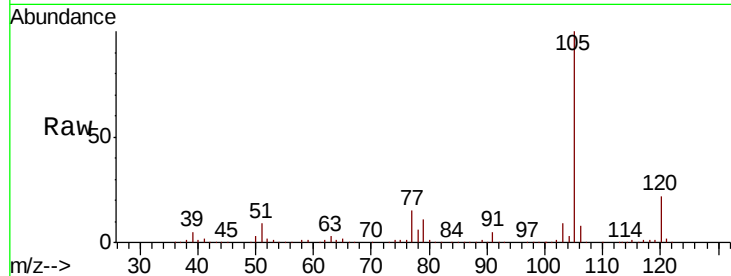
#73
Isopropylbenzene
Concen: 46.916 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.1	39.3

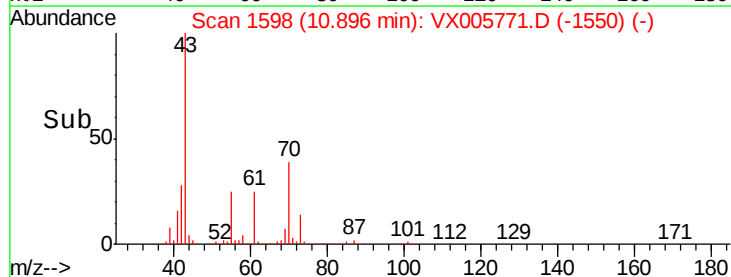
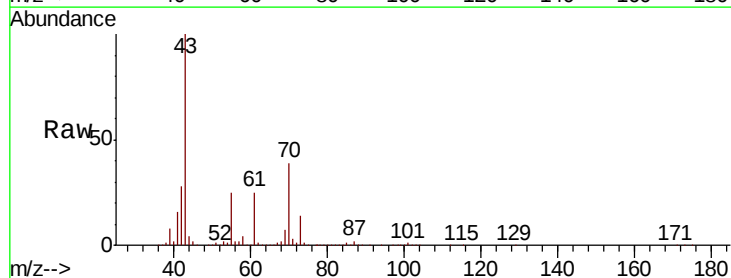
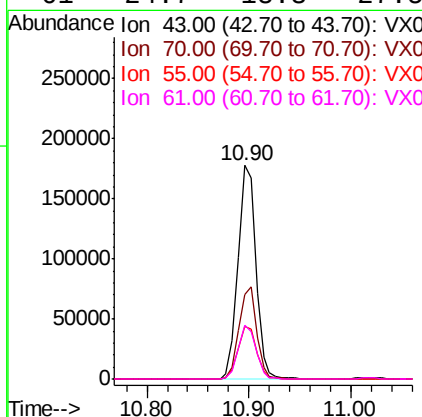
Manual Integrations
APPROVED

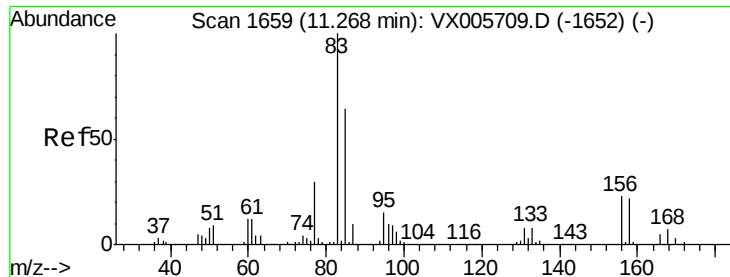
apatel
11/6/2018 8:26:51 AM



#74
N-ethyl acetate
Concen: 41.380 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	31.6	47.4
55	25.6	19.7	29.5
61	24.7	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.174 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

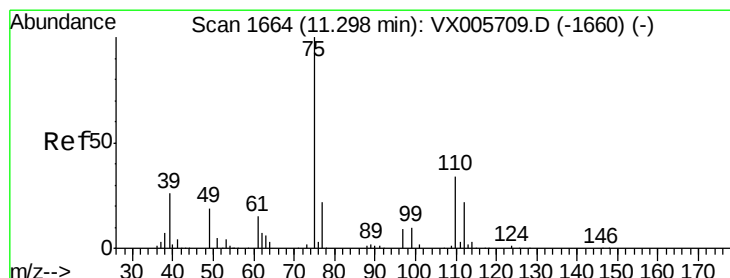
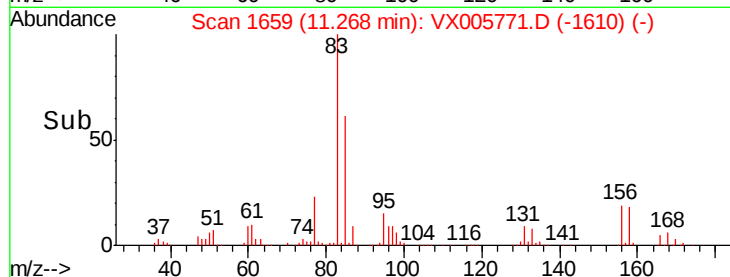
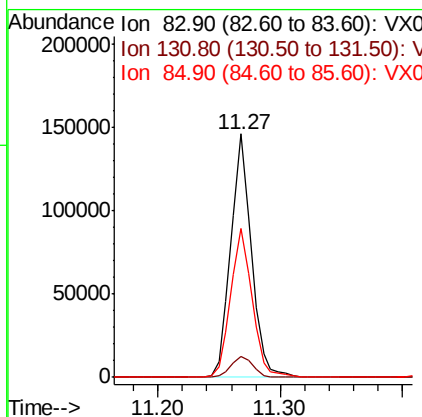
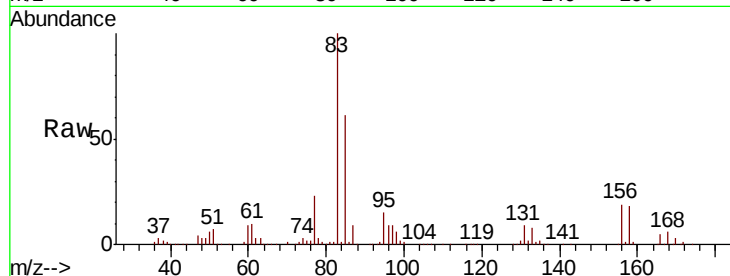
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	169852
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.3	15.9
85	63.7	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 37.548 ug/l m

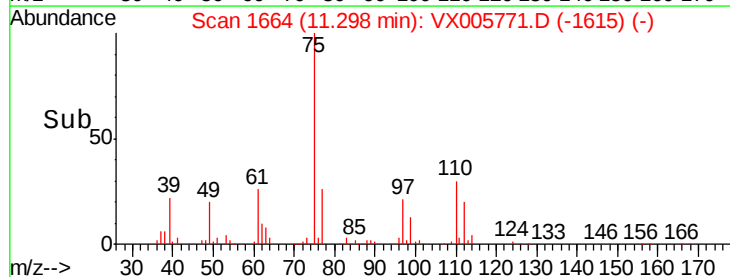
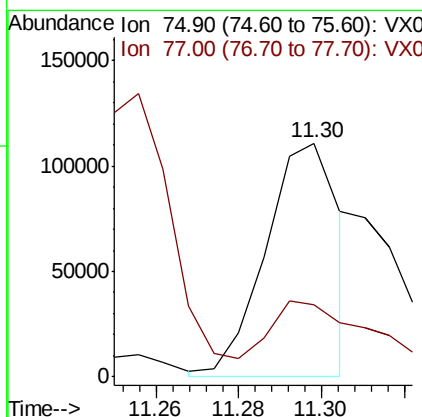
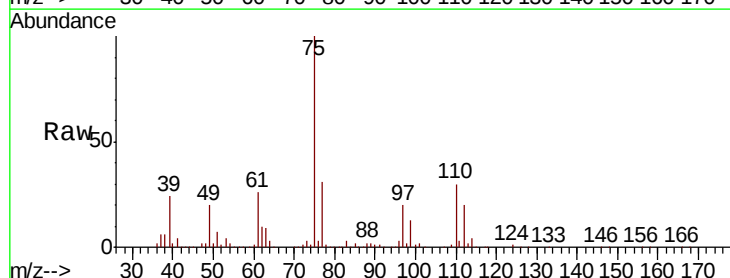
RT: 11.30 min Scan# 1664

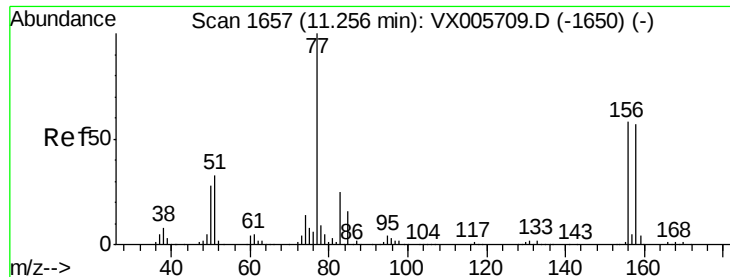
Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Tgt Ion:	75	Resp:	137604
Ion Ratio	Lower	Upper	
75	100		
77	45.9	20.5	61.6





#77

Bromobenzene

Concen: 45.270 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

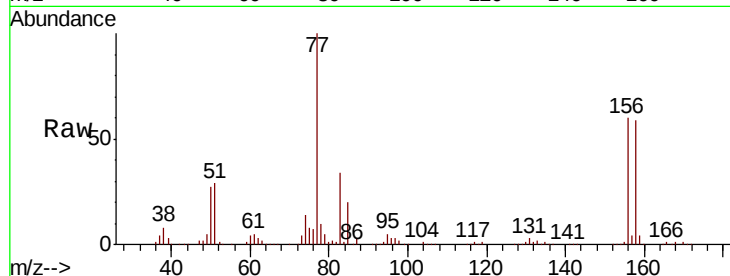
ClientSampleId :

VSTDCCC050

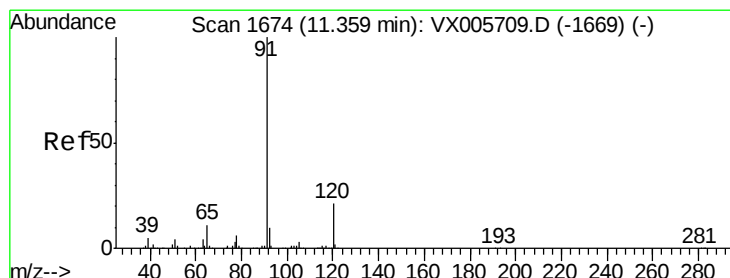
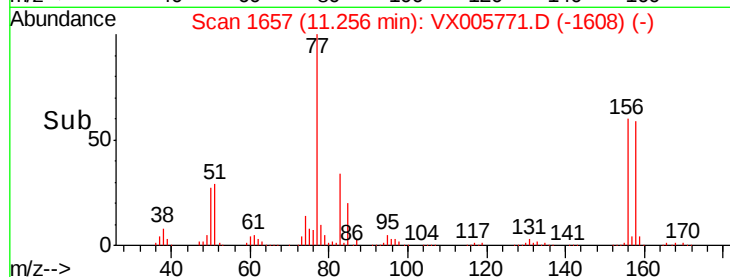
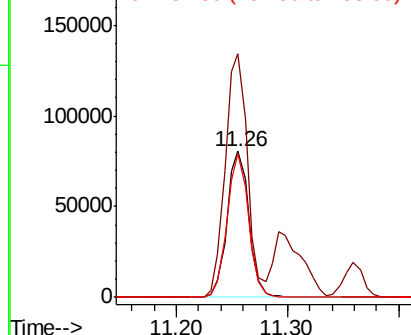
Tot Ion	Ratio	Lower	Upper
156	100		
77	170.8	74.8	224.4
158	96.1	49.1	147.3

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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: 48.185 ug/l

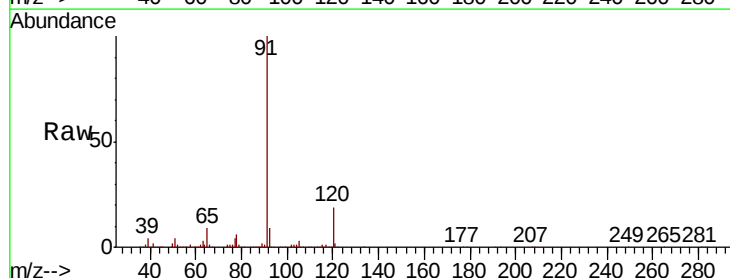
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

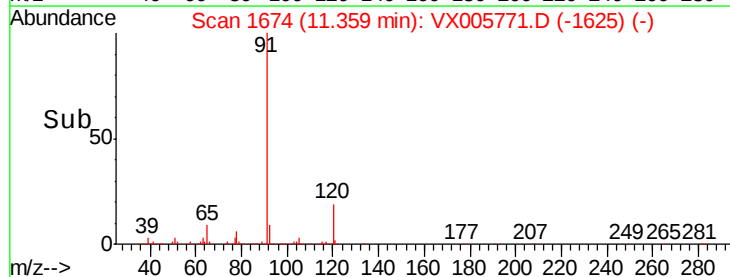
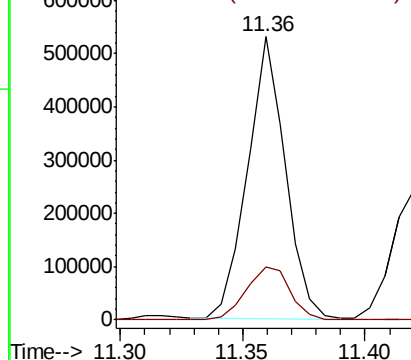
Lab File: VX005771.D

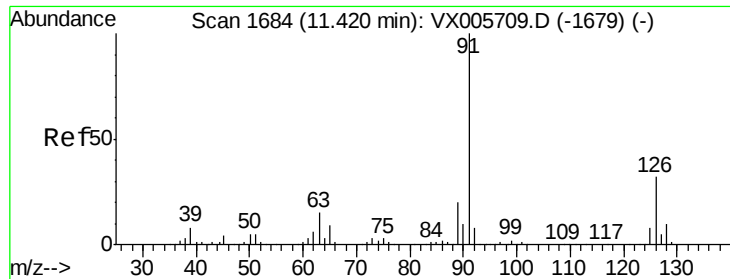
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	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: 45.343 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005771.D

Acq: 05 Nov 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 319815

Ion Ratio Lower Upper

91 100

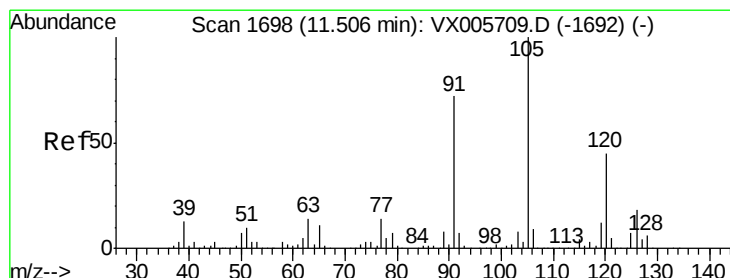
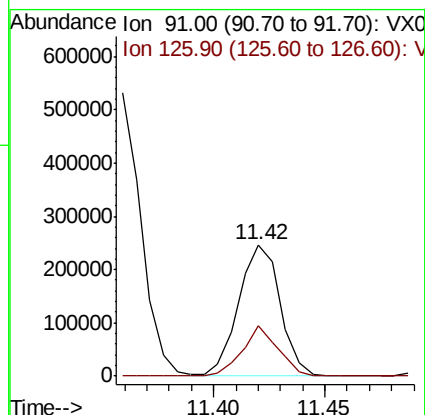
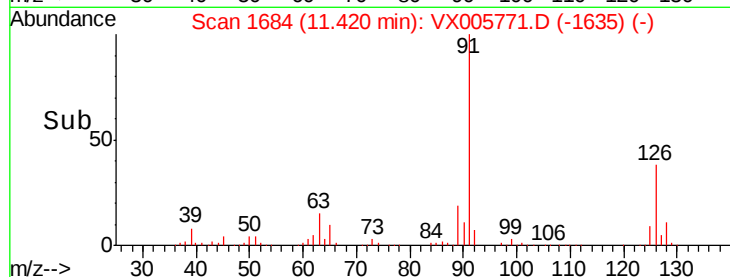
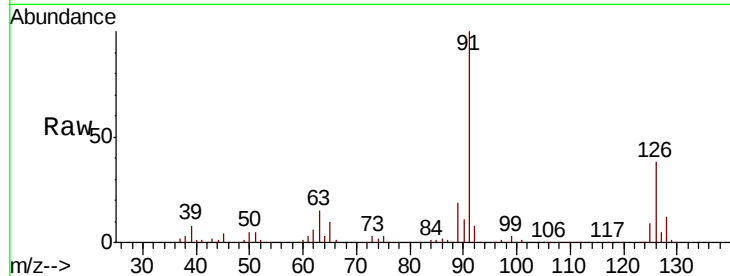
126 33.3 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 49.515 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005771.D

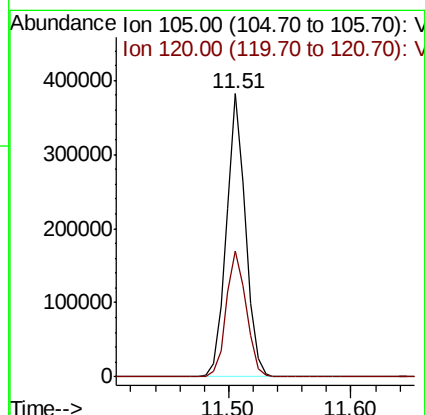
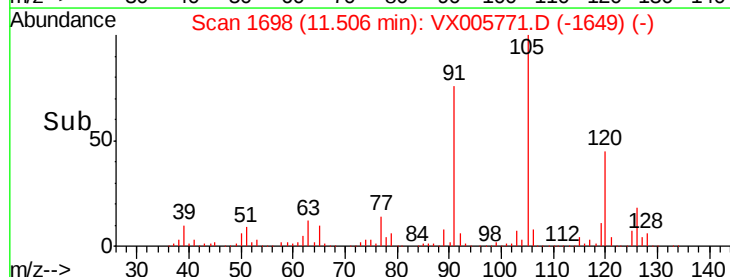
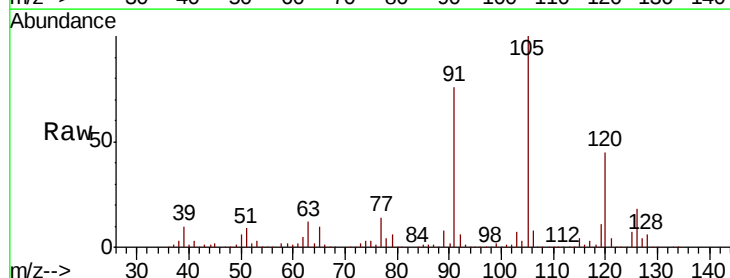
Acq: 05 Nov 2018 11:58

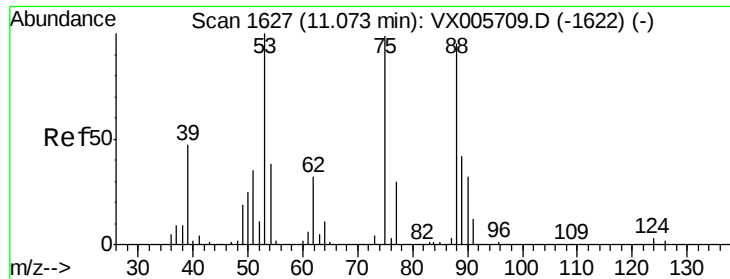
Tgt Ion: 105 Resp: 408125

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.2





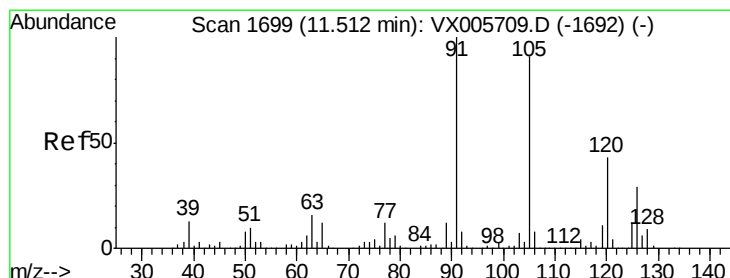
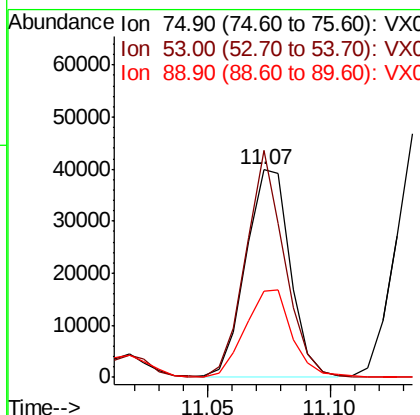
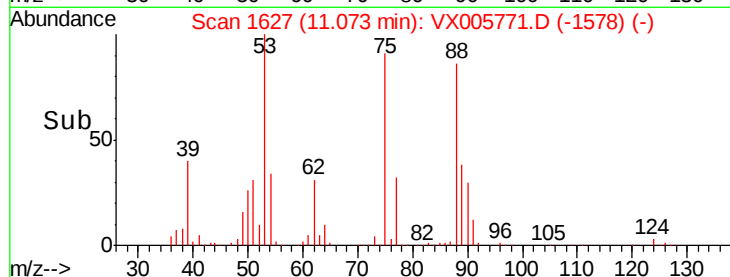
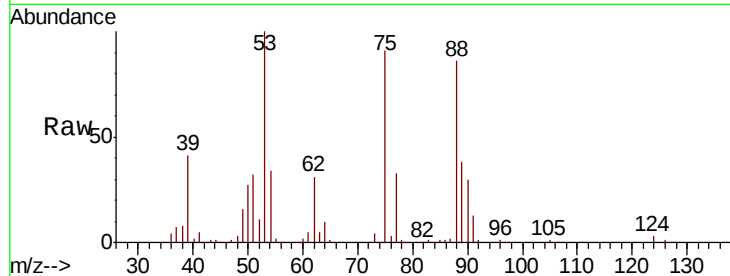
#81
trans-1,4-Dichloro-2-butene
Concen: 44.280 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.5	80.2	120.2
89	44.9	39.8	59.8

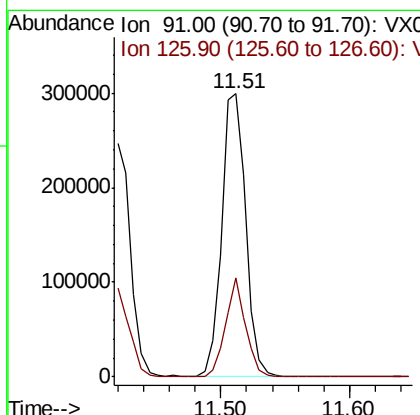
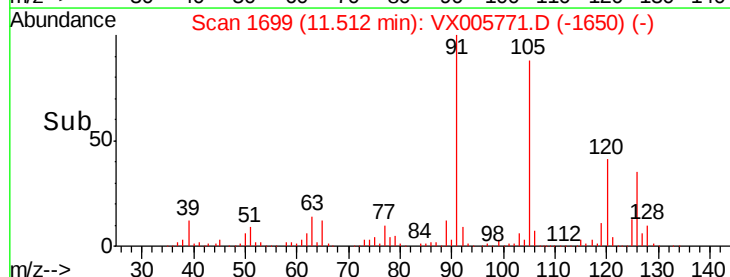
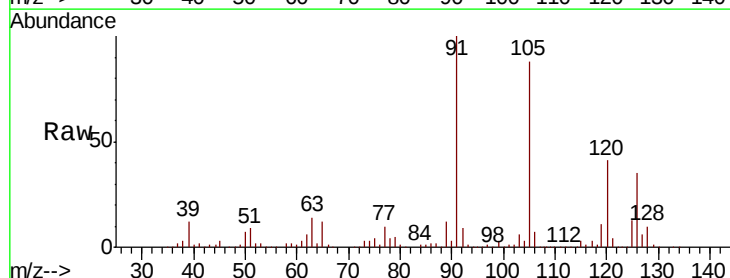
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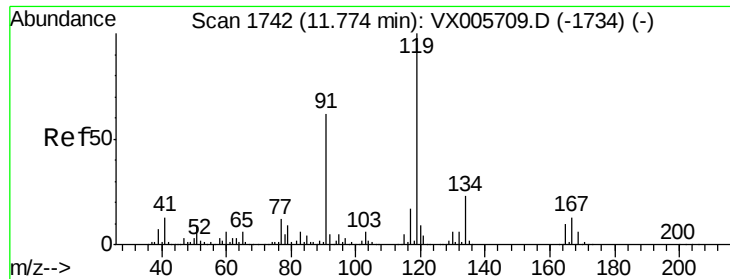
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#82
4-Chlorotoluene
Concen: 46.594 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	15.2	45.6





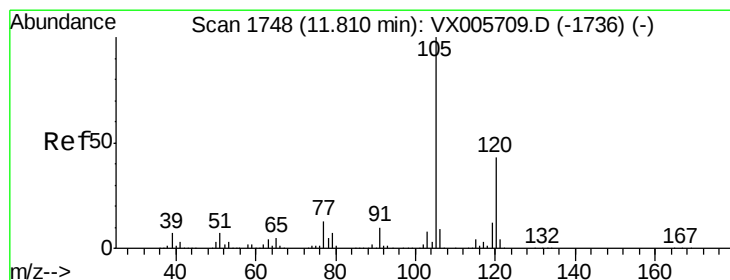
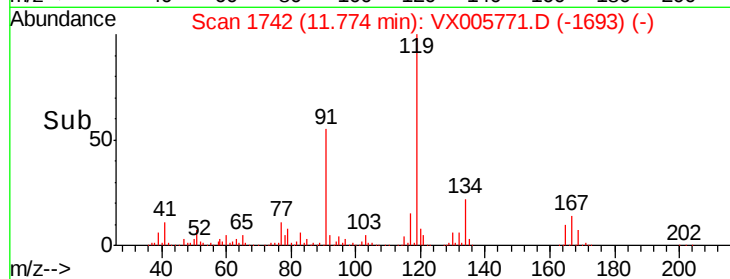
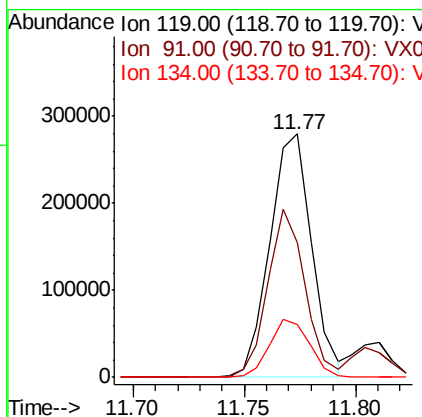
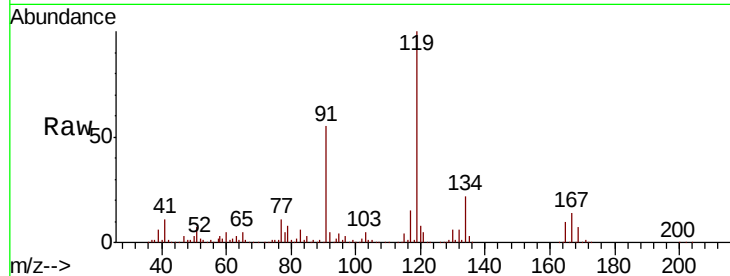
#83
tert-Butylbenzene
Concen: 46.291 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	364056		
91	62.0	28.5	85.5	
134	23.1	11.3	33.8	

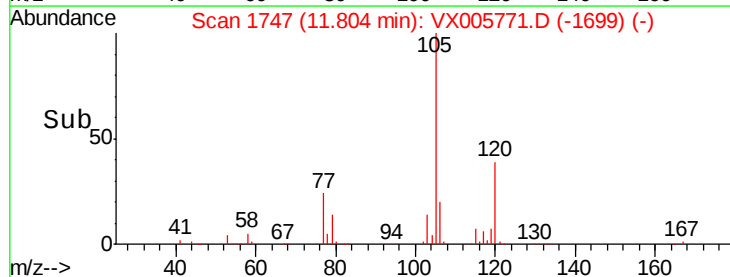
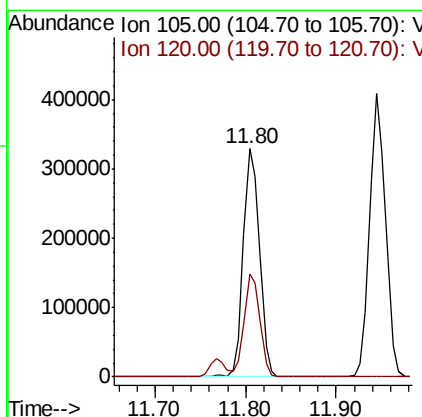
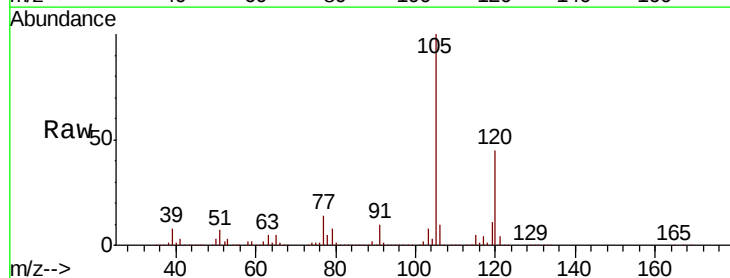
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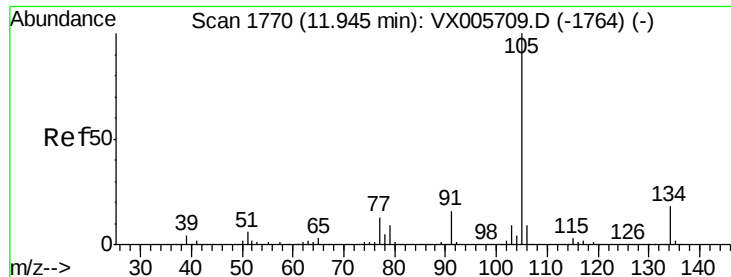
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#84
1,2,4-Trimethylbenzene
Concen: 49.256 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	409964		
120	43.6	22.4	67.0	





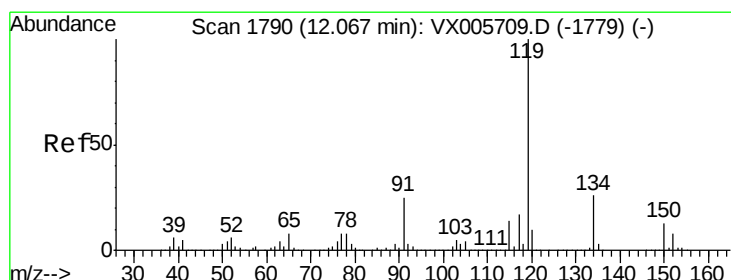
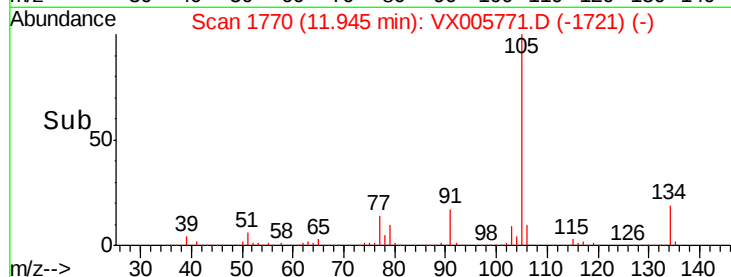
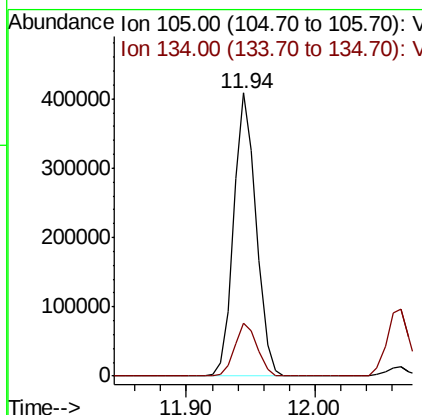
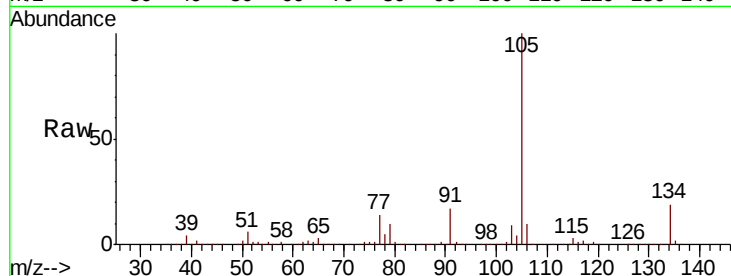
#85
 sec-Butylbenzene
 Concen: 49.076 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 495093
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4

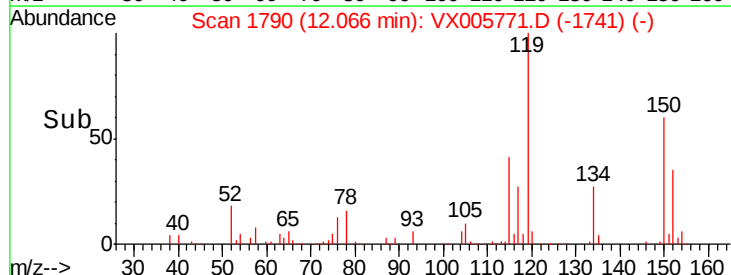
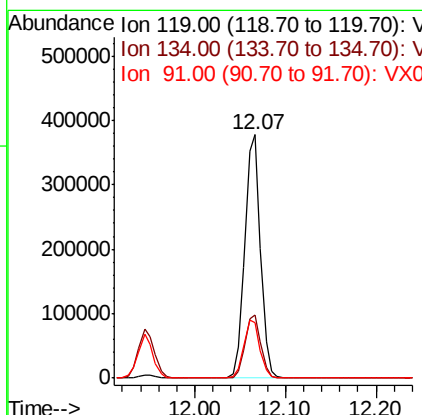
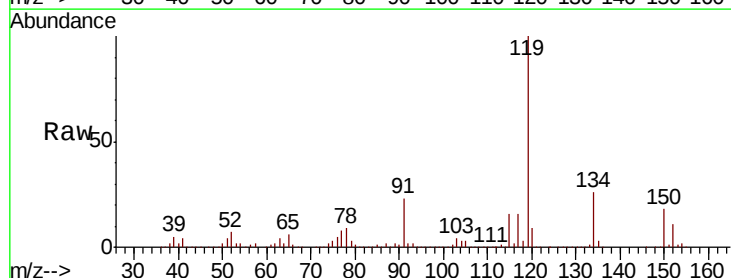
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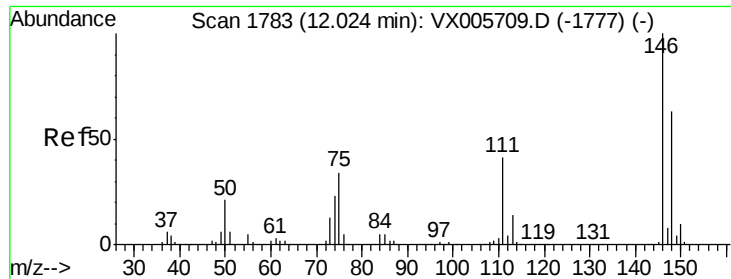
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#86
 p-Isopropyltoluene
 Concen: 52.522 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion:119 Resp: 450637
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 11.4 34.2





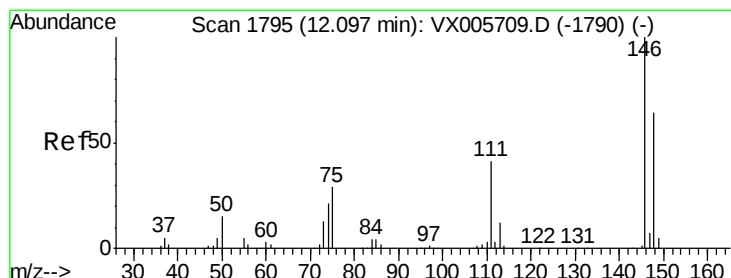
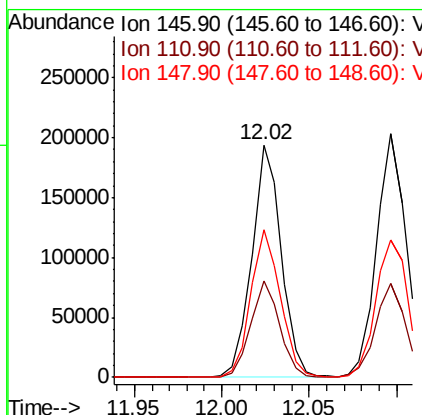
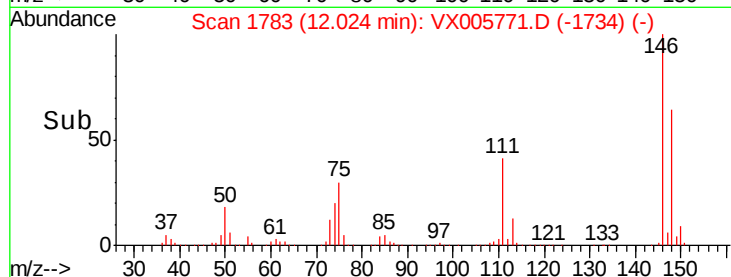
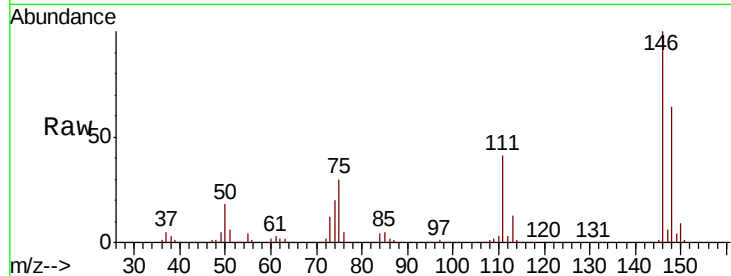
#87
 1,3-Dichlorobenzene
 Concen: 48.730 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.0	57.0
148	63.7	31.9	95.9

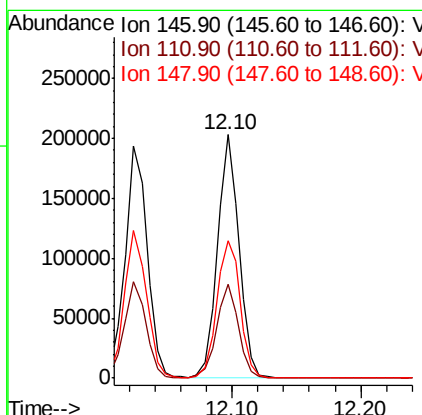
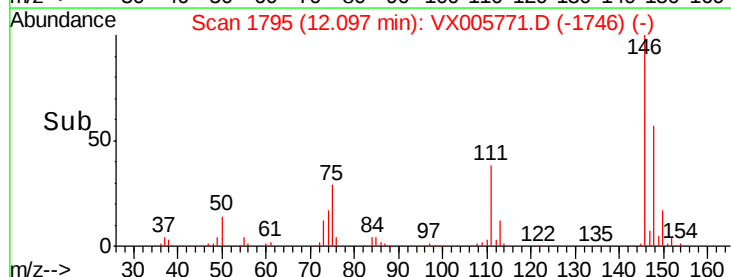
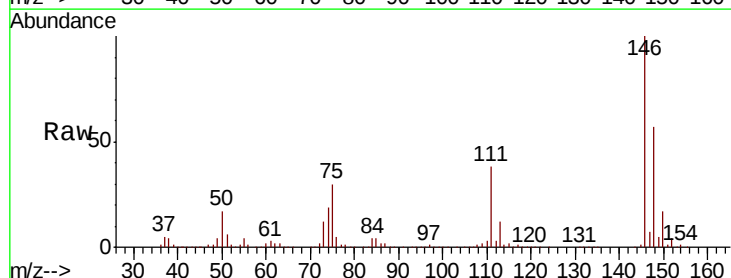
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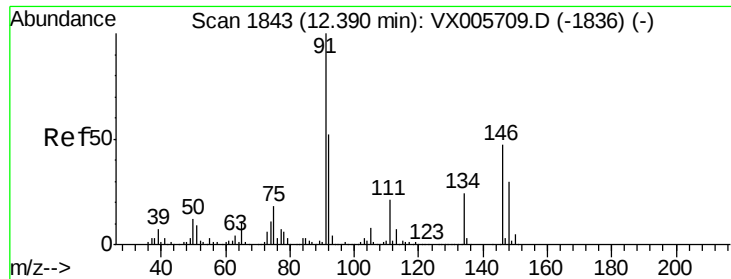
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#88
 1,4-Dichlorobenzene
 Concen: 47.940 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.6	55.8
148	61.3	32.1	96.3





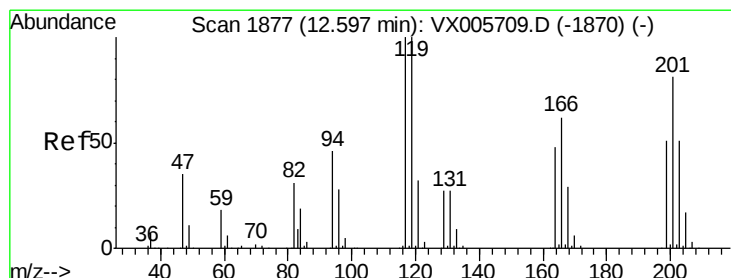
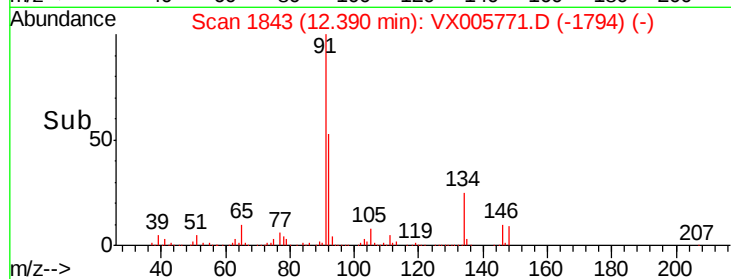
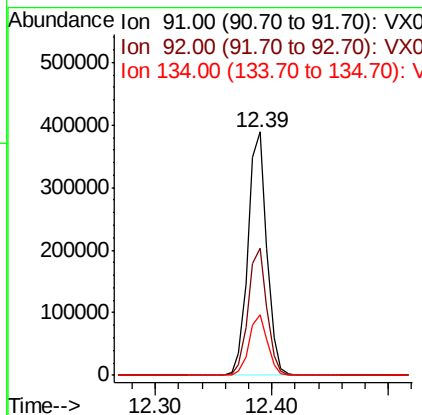
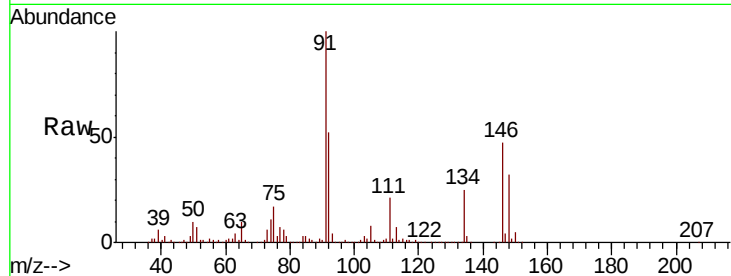
#89
n-Butylbenzene
Concen: 50.827 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.2
134	24.4	13.1	39.3

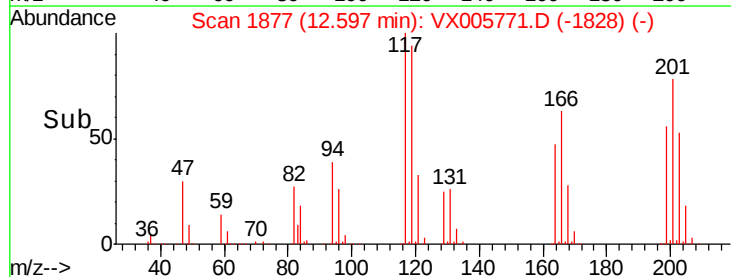
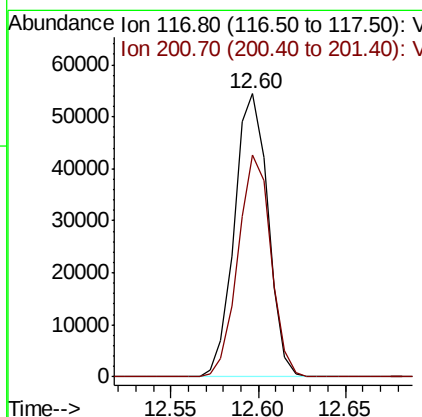
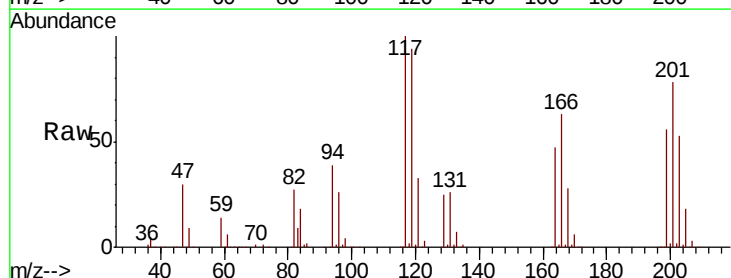
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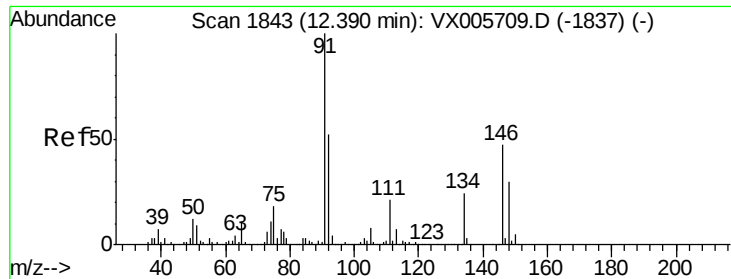
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#90
Hexachloroethane
Concen: 47.915 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	47.9	143.6





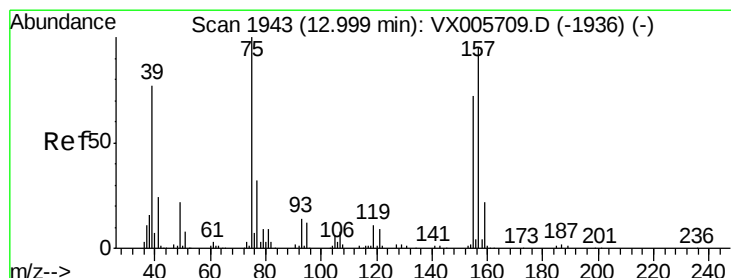
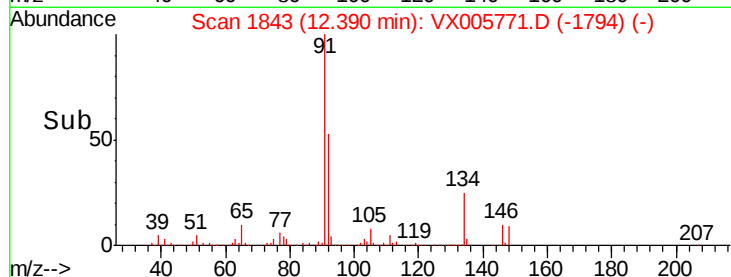
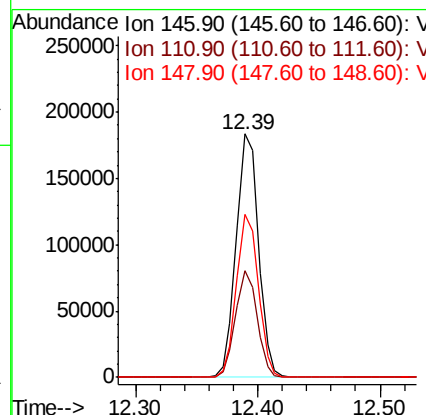
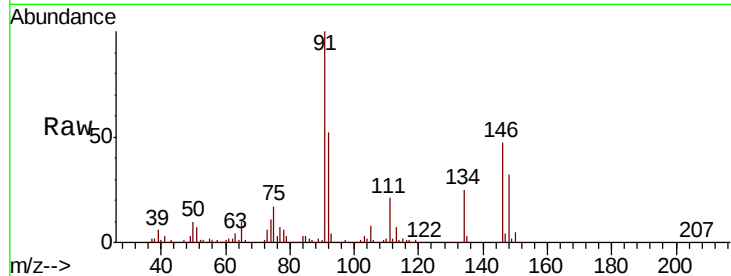
#91
 1,2-Dichlorobenzene
 Concen: 47.275 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	20.0	59.9
148	66.1	32.2	96.6

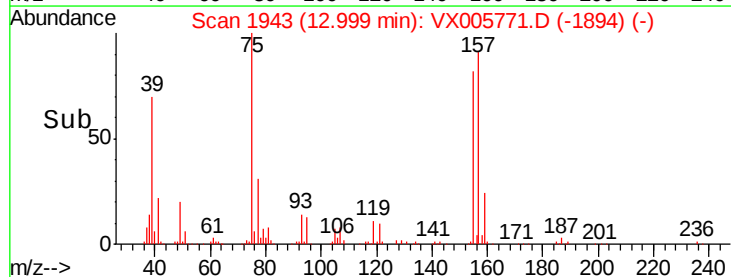
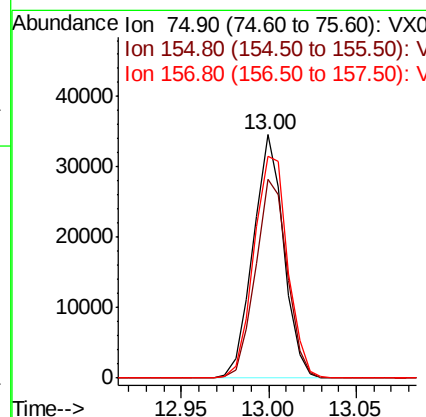
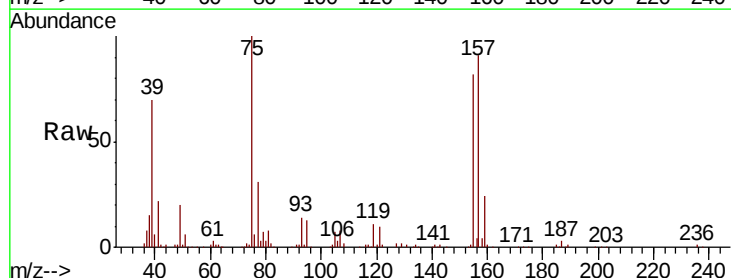
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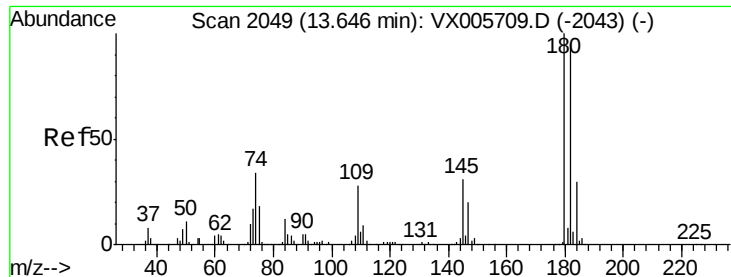
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.590 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.8	45.4	136.1
157	100.4	57.4	172.0





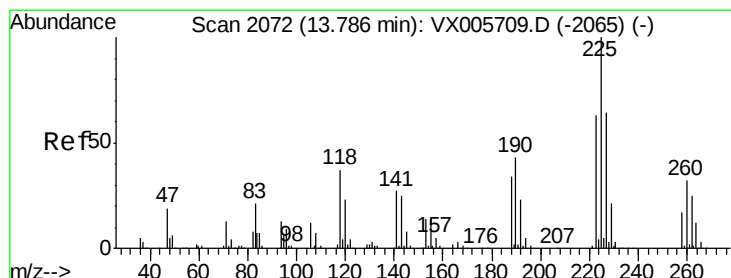
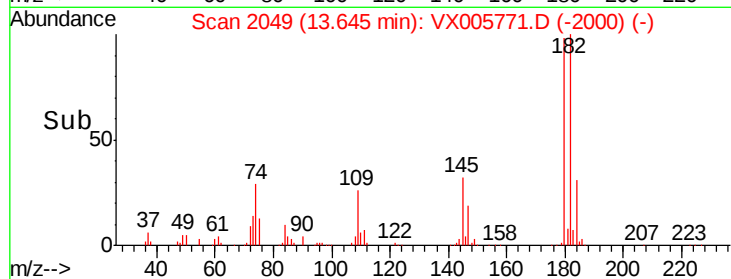
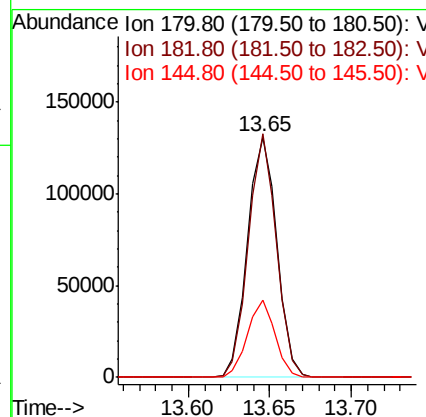
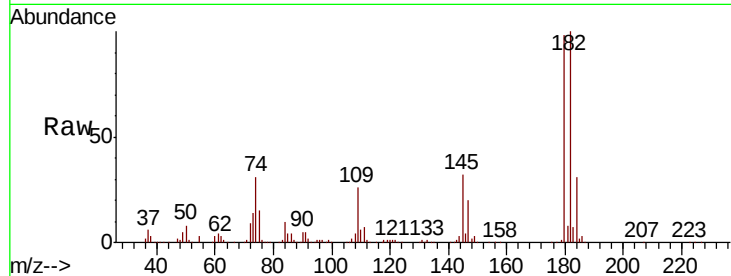
#93
 1,2,4-Trichlorobenzene
 Concen: 52.674 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	47.6	142.8	
145	30.3	14.1	42.2	

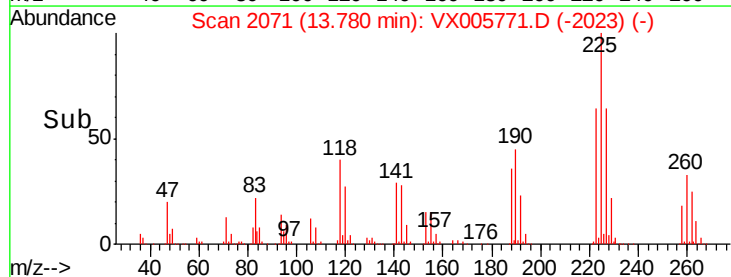
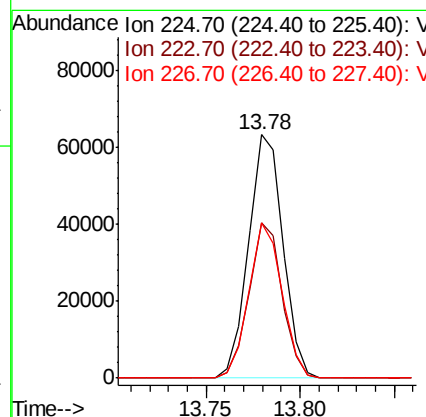
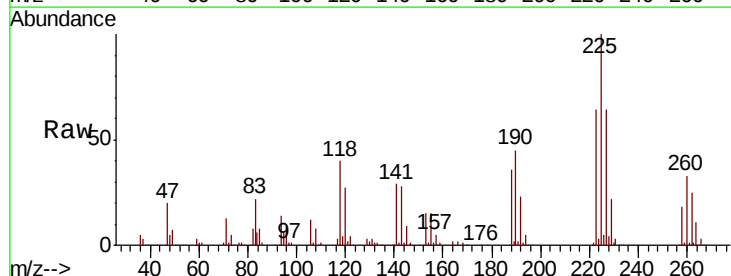
Manual Integrations
 APPROVED

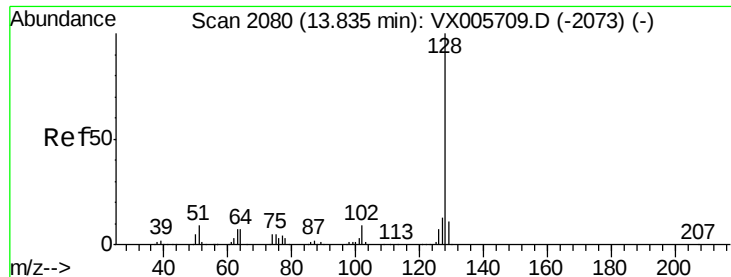
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#94
 Hexachlorobutadiene
 Concen: 53.168 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005771.D
 Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	31.7	95.1	
227	61.8	32.3	96.9	





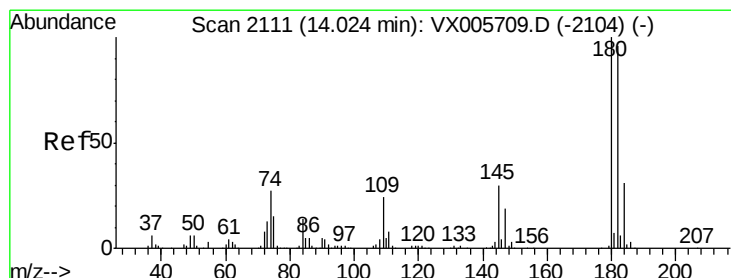
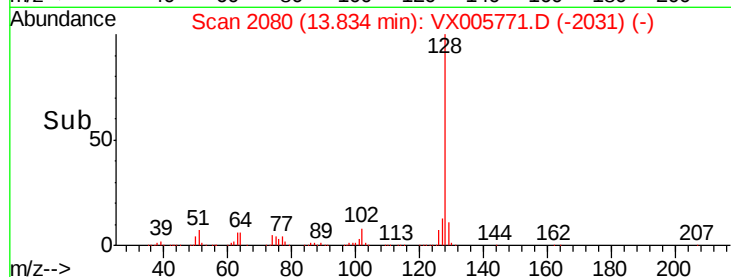
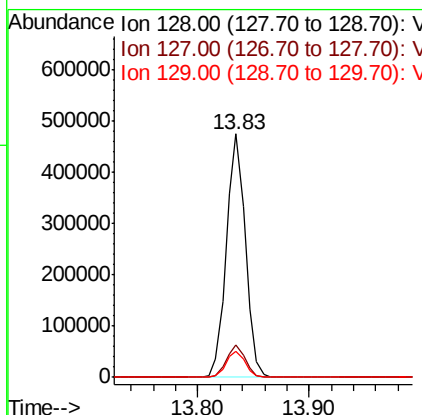
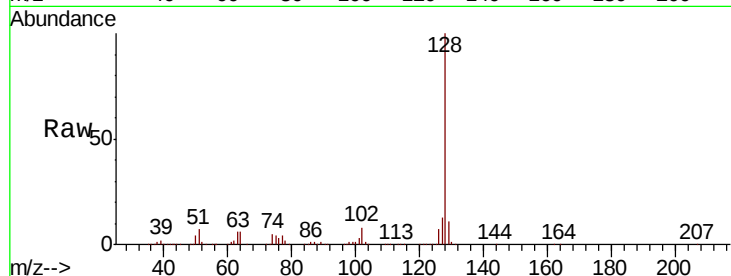
#95
Naphthalene
Concen: 54.334 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.289 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005771.D
Acq: 05 Nov 2018 11:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.2
145	30.9	15.1	45.3

