

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV0192268.D
 Acq On : 05 Nov 2020 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 22:31:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	248737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140823	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97486	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	79518	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	194454	50.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.06%
21) 2-Butanone-d5	3.90	46	126223	101.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.88%
24) Chloroform-d	4.37	84	186989	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.05	65	127720	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.07	84	347749	49.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.56%
36) 1,2-Dichloropropane-d6	6.09	67	107119	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.84%
41) Toluene-d8	7.33	98	321888	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.64	79	57596	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.10	63	87206	95.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.71%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138711	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	135336	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	102668	45.938	ug/L	99
3) Chloromethane	1.25	50	97568	48.074	ug/L	99
5) Vinyl chloride	1.32	62	104387	50.238	ug/L	100
6) Bromomethane	1.53	94	68236	49.026	ug/L	97
8) Chloroethane	1.59	64	68384	52.930	ug/L	99
9) Trichlorofluoromethane	1.76	101	166742	48.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	84935	50.962	ug/L	99
12) 1,1-Dichloroethene	2.13	96	81379	49.858	ug/L	94
13) Acetone	2.18	43	111541	96.912	ug/L	100
14) Carbon disulfide	2.31	76	241516	46.552	ug/L	100
15) Methyl Acetate	2.44	43	90847	48.979	ug/L	97
16) Methylene chloride	2.52	84	89674	48.383	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	84657	48.290	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	279398	47.596	ug/L	99
19) 1,1-Dichloroethane	3.21	63	162338	49.703	ug/L	99
20) cis-1,2-Dichloroethene	3.93	96	92143	47.891	ug/L	98
22) 2-Butanone	3.98	43	124245	99.108	ug/L	97

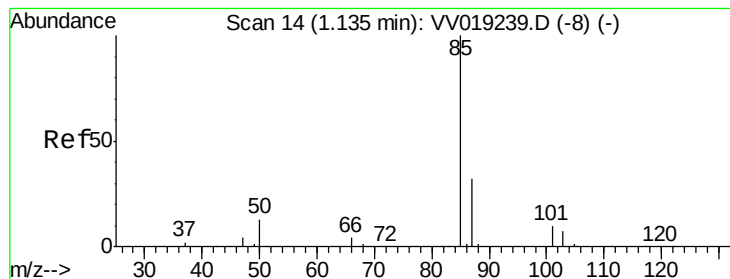
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
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 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	48031	46.521	ug/L	95
25) Chloroform	4.40	83	170251	48.237	ug/L	99
27) 1,2-Dichloroethane	5.15	62	143867	47.879	ug/L	100
29) Cyclohexane	4.70	56	136292	49.081	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	158694	47.081	ug/L	99
31) Carbon tetrachloride	4.85	117	140294	46.938	ug/L	99
33) Benzene	5.12	78	349526	48.737	ug/L	100
34) Trichloroethene	5.93	95	93320	47.499	ug/L	99
35) Methylcyclohexane	6.15	83	129047	48.655	ug/L	98
37) 1,2-Dichloropropane	6.19	63	90102	50.590	ug/L	100
38) Bromodichloromethane	6.53	83	127006	47.937	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	148615	50.519	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	236632	96.312	ug/L	99
42) Toluene	7.41	91	382850	48.696	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	149550	48.869	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	85449	47.838	ug/L	98
46) Tetrachloroethene	7.99	164	78397	46.731	ug/L	99
48) 2-Hexanone	8.15	43	190791	97.698	ug/L	98
49) Dibromochloromethane	8.26	129	103432	47.825	ug/L	100
50) 1,2-Dibromoethane	8.37	107	89855	47.149	ug/L	99
51) Chlorobenzene	8.90	112	244421	47.419	ug/L	99
52) Ethylbenzene	9.03	91	421180	48.618	ug/L	99
53) m,p-Xylene	9.16	106	158867	48.552	ug/L	99
54) o-xylene	9.56	106	153007	48.704	ug/L	98
55) Styrene	9.58	104	276137	49.593	ug/L	99
56) Isopropylbenzene	9.95	105	417021	49.394	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	127518	46.883	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	108272	46.503	ug/L	100
61) Bromoform	9.75	173	78287	45.067	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	207048	46.612	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	212154	45.958	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	205056	46.600	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	31166	41.394	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	147659	45.158	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	136400	44.523	ug/L	99
69) Naphthalene	13.52	128	385096	44.878	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	138248	46.113	ug/L	100

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



#2

Dichlorodifluoromethane

Concen: 45.938 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

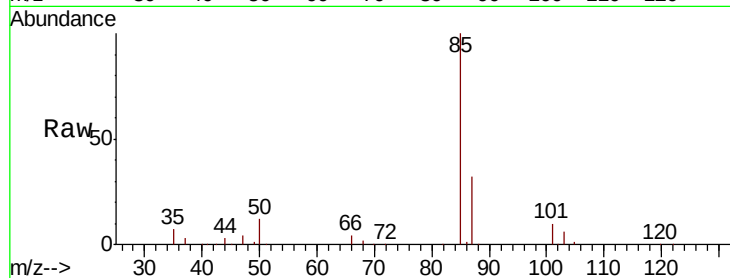
ClientSampleId :

Tot Ion: 85 Resp: 102668

Ion Ratio Lower Upper

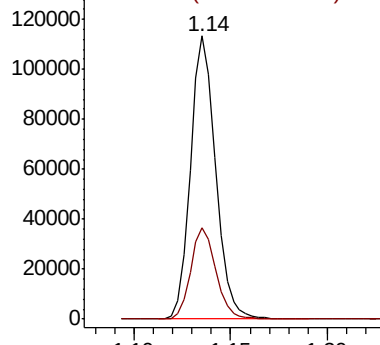
85 100

87 32.4 25.3 37.9

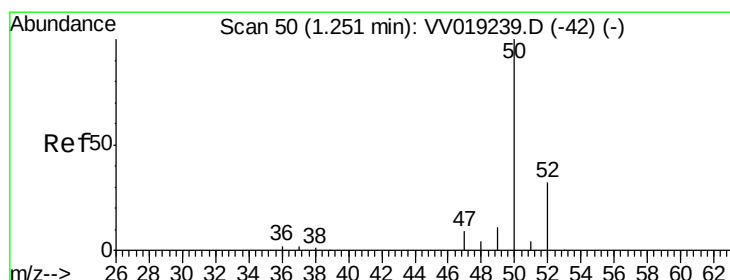
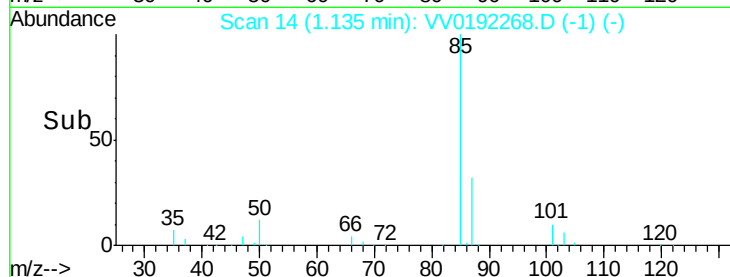


Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



Time-->



#3

Chloromethane

Concen: 48.074 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV0192268.D

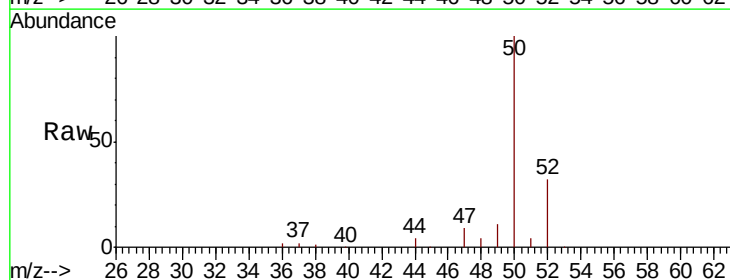
Acq: 05 Nov 2020 10:04

Tgt Ion: 50 Resp: 97568

Ion Ratio Lower Upper

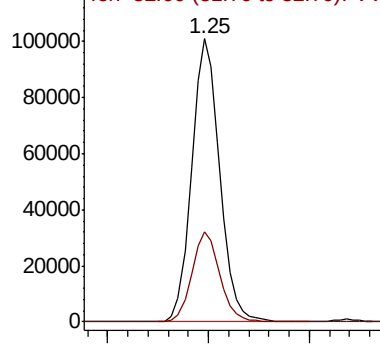
50 100

52 31.9 22.1 41.1

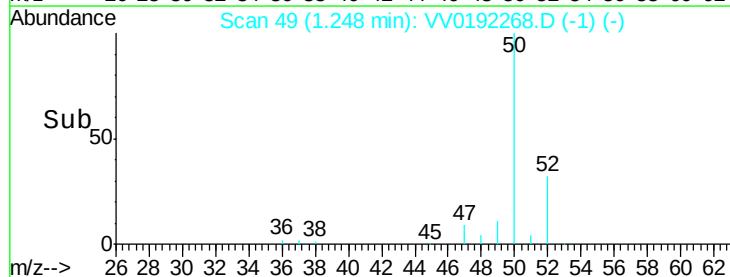


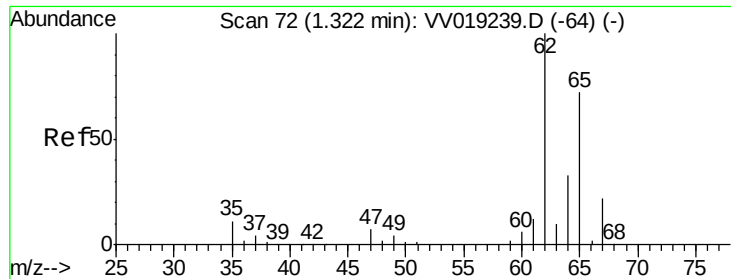
Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



Time-->





#5

Vinyl chloride

Concen: 50.238 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

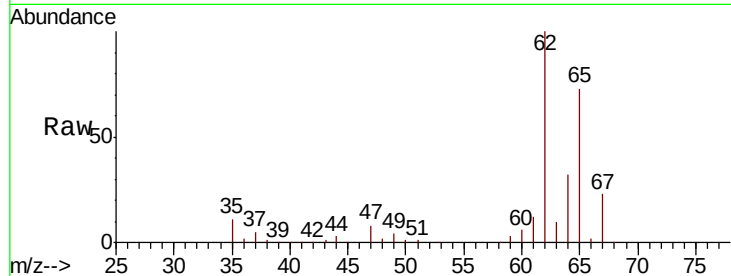
ClientSampled :

Tot Ion: 62 Resp: 104387

Ion Ratio Lower Upper

62 100

64 32.2 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

120000

100000

80000

60000

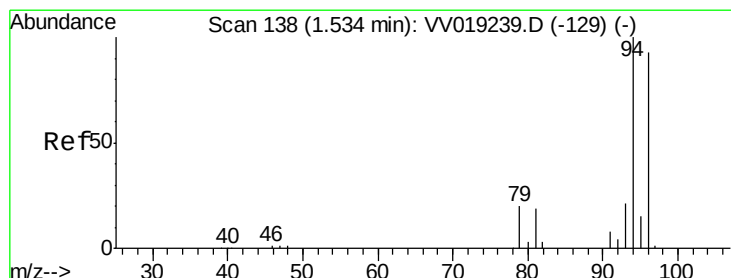
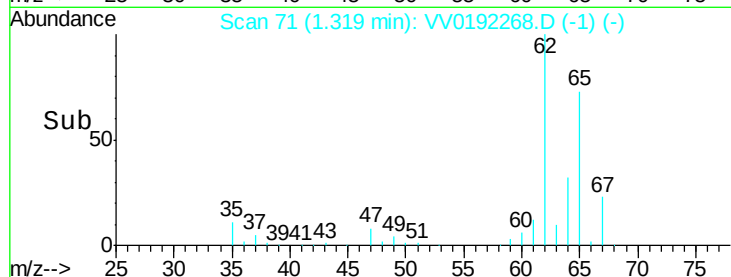
40000

20000

0

1.30 1.32 1.35

Time-->



#6

Bromomethane

Concen: 49.026 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV0192268.D

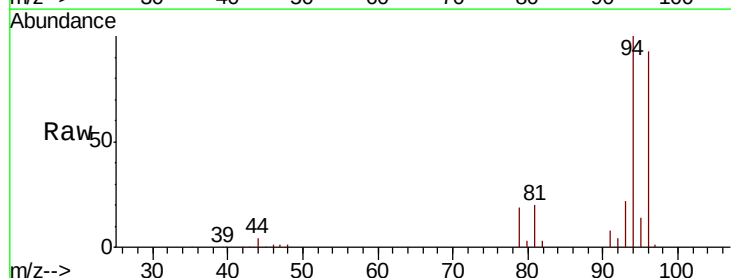
Acq: 05 Nov 2020 10:04

Tgt Ion: 94 Resp: 68236

Ion Ratio Lower Upper

94 100

96 92.5 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

60000

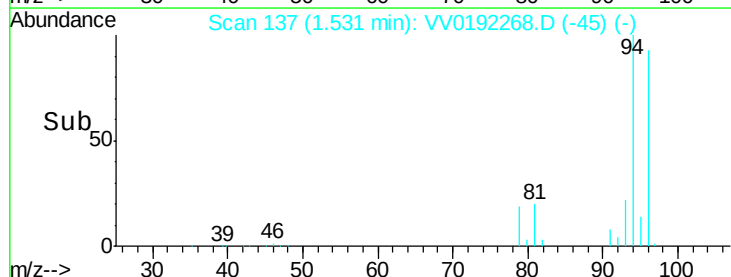
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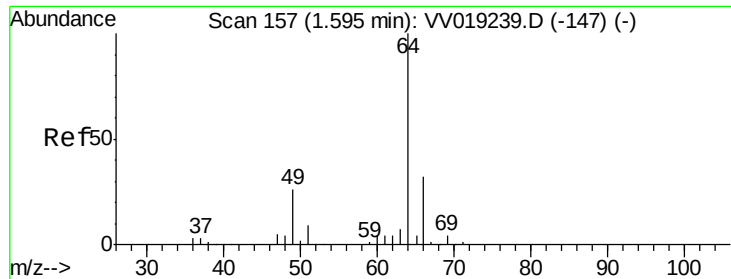
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0

1.50 1.53 1.60

Time-->

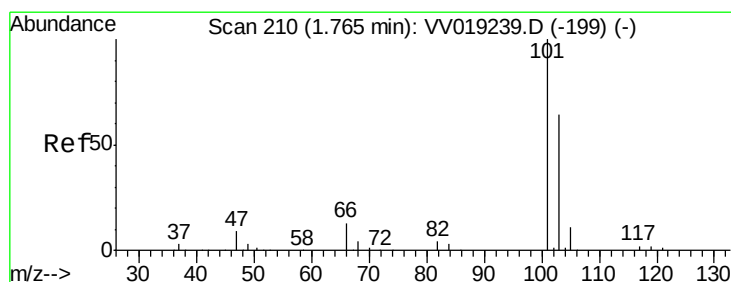
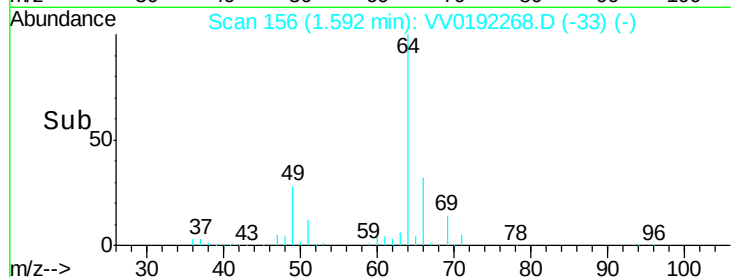
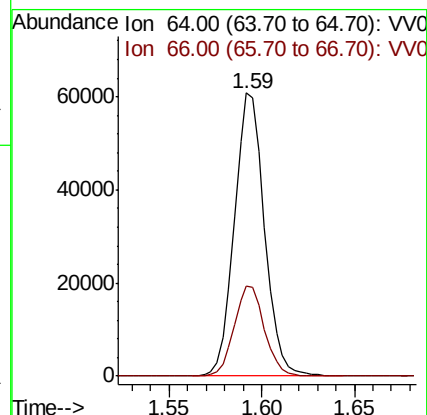
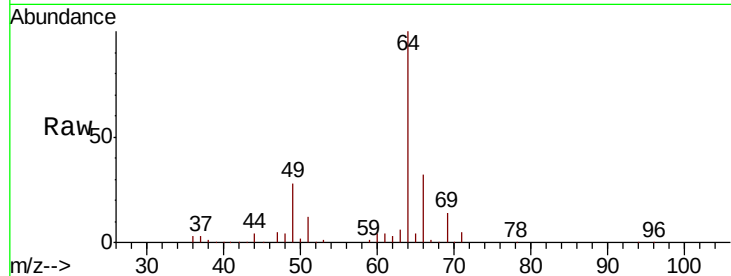




#8
Chloroethane
Concen: 52.930 ug/L
RT: 1.59 min Scan# 156
Delta R.T. -0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

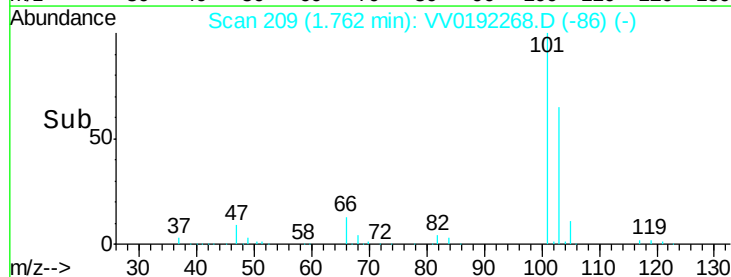
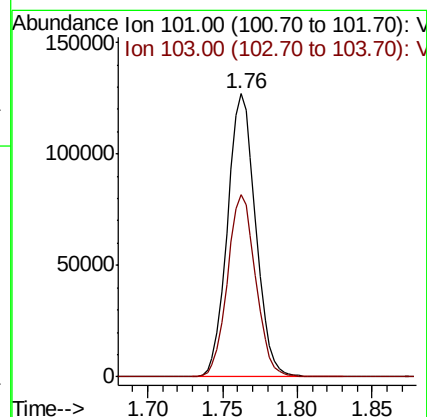
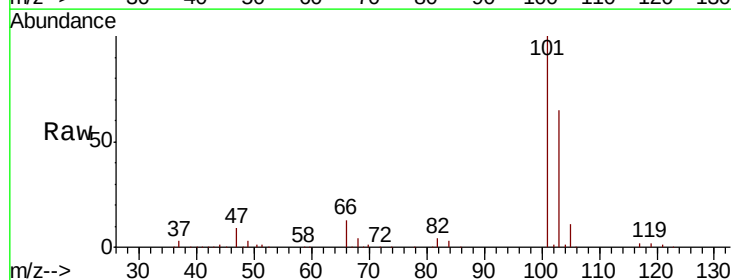
Instrument :
MSVOA_V
ClientSampleId :

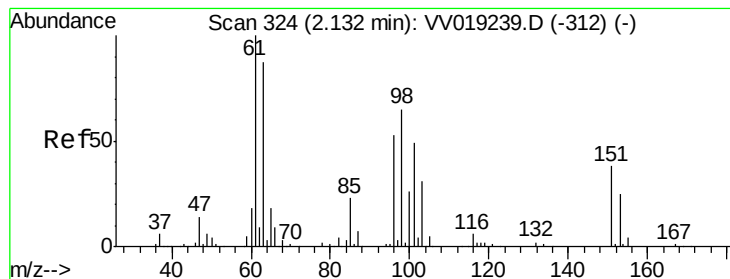
Tot Ion: 64 Resp: 68384
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 48.147 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Tgt Ion: 101 Resp: 166742
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.962 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampleId :

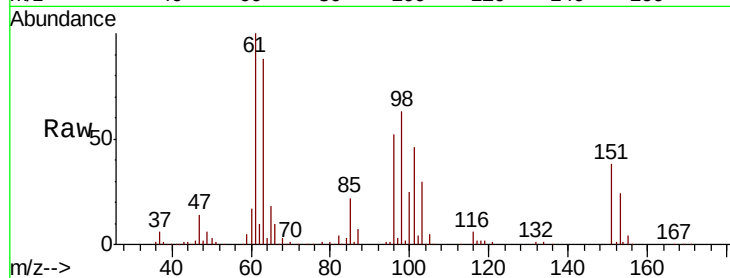
Tot Ion:101 Resp: 84935

Ion Ratio Lower Upper

101 100

85 46.0 36.1 54.1

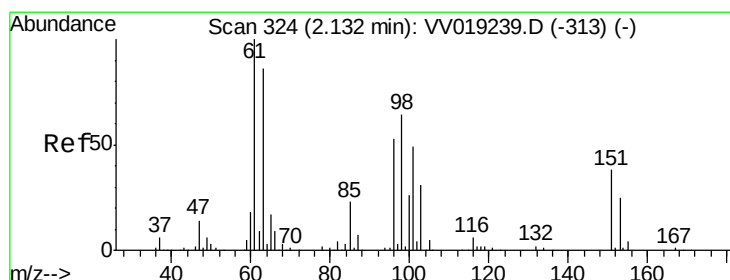
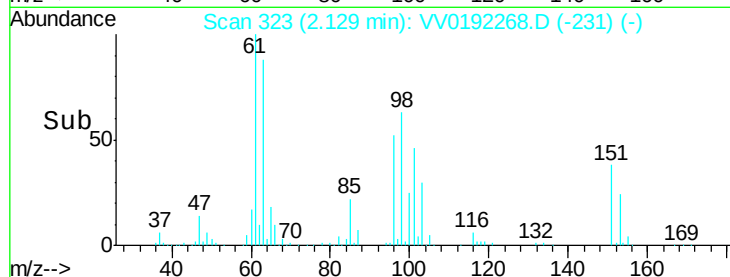
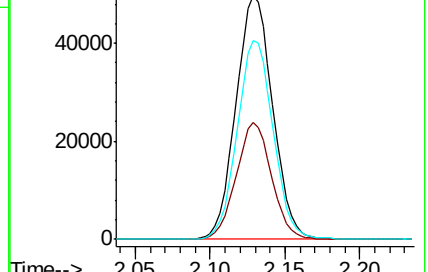
151 80.0 65.0 97.4



Abundance Ion 101.00 (100.70 to 101.70): VV019239.D (-312) (-)

Ion 85.00 (84.70 to 85.70): VV019239.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV019239.D (-312) (-)



#12

1,1-Dichloroethene

Concen: 49.858 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

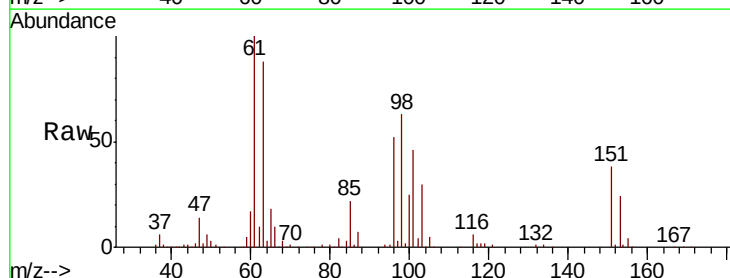
Tgt Ion: 96 Resp: 81379

Ion Ratio Lower Upper

96 100

61 192.2 132.6 246.2

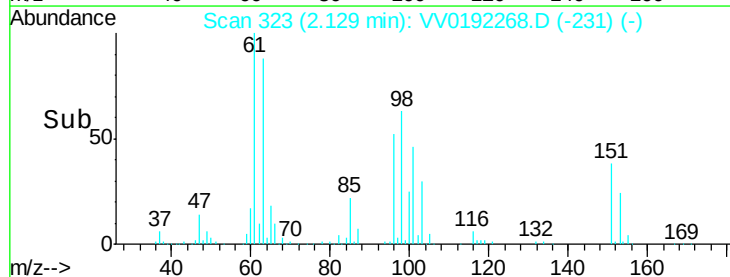
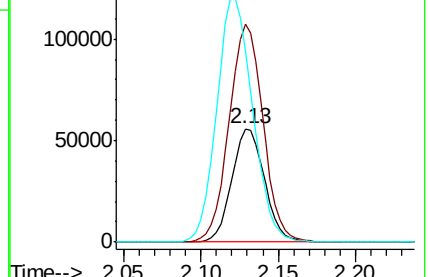
63 169.1 108.4 201.4

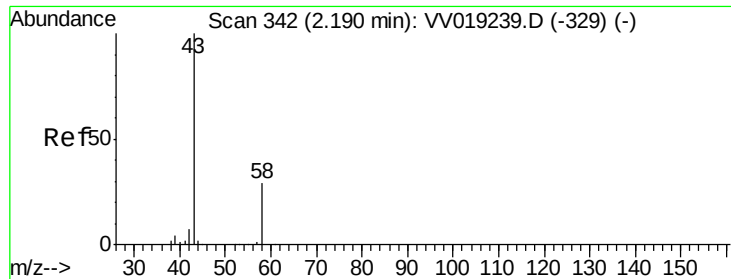


Abundance Ion 96.00 (95.70 to 96.70): VV019239.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV019239.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV019239.D (-313) (-)





#13

Acetone

Concen: 96.912 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

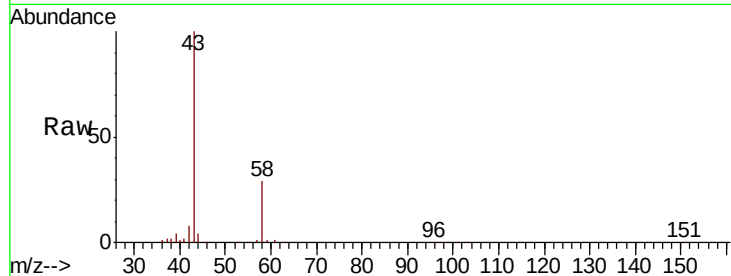
ClientSampleId :

Tot Ion: 43 Resp: 111541

Ion Ratio Lower Upper

43 100

58 29.7 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV019239.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV019239.D (-329) (-)

2.18

60000

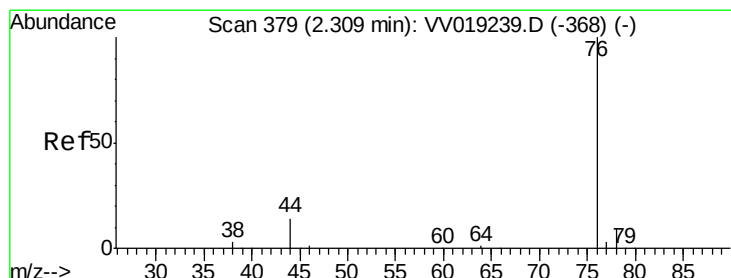
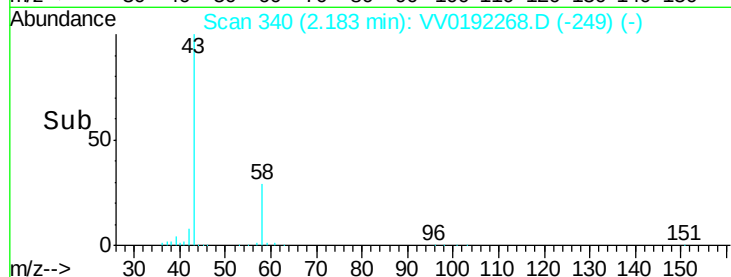
40000

20000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 46.552 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV0192268.D

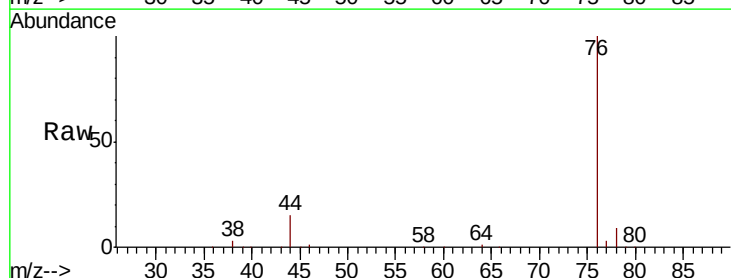
Acq: 05 Nov 2020 10:04

Tgt Ion: 76 Resp: 241516

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV019239.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV019239.D (-368) (-)

2.31

150000

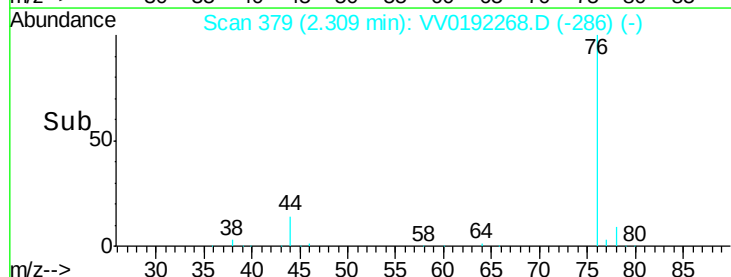
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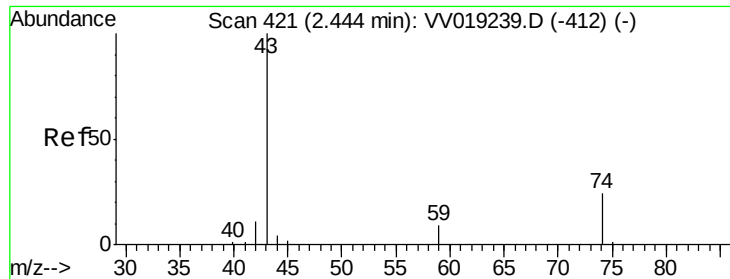
50000

0

Time-->

2.25 2.30 2.35 2.40

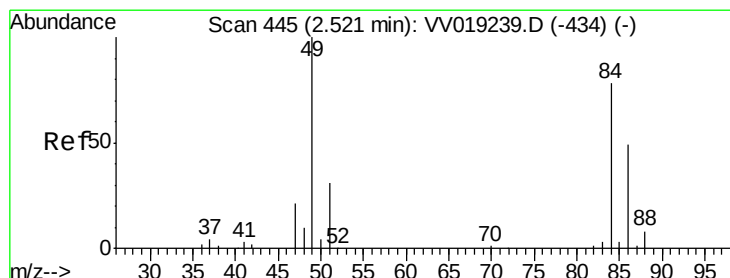
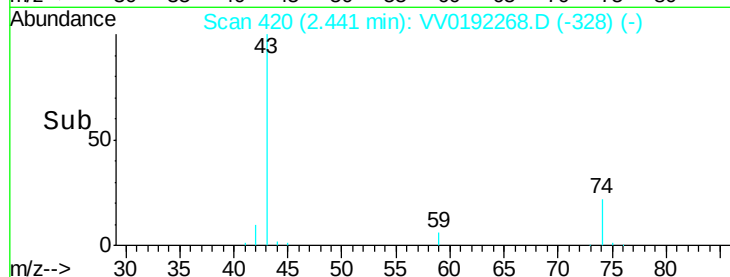
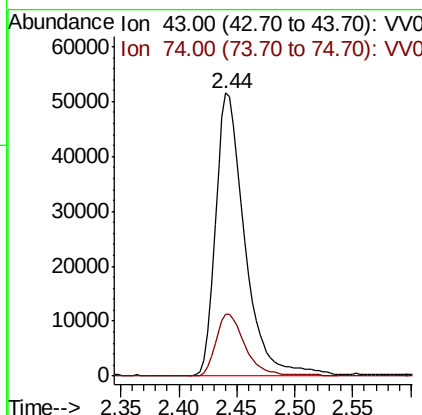
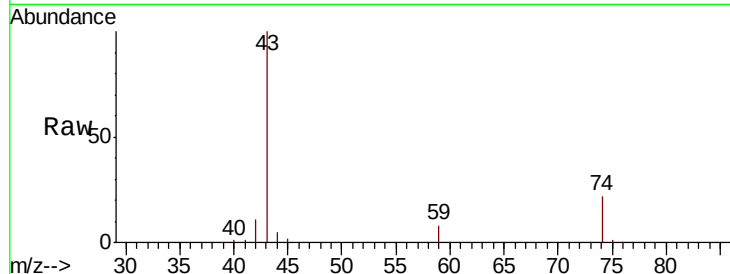




#15
Methvl Acetate
Concen: 48.979 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

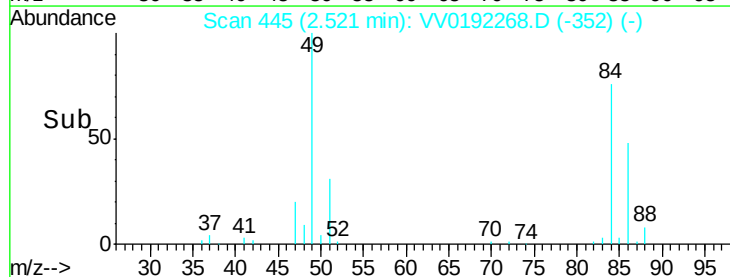
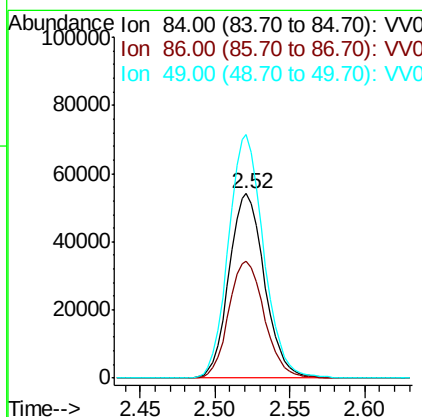
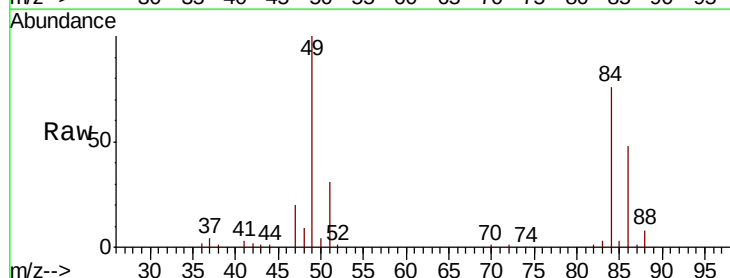
Instrument :
MSVOA_V
ClientSampleId :

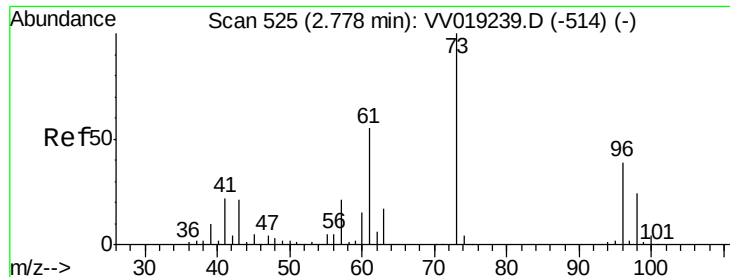
Tot Ion: 43 Resp: 90847
Ion Ratio Lower Upper
43 100
74 21.7 18.4 27.6



#16
Methylene chloride
Concen: 48.383 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Tgt Ion: 84 Resp: 89674
Ion Ratio Lower Upper
84 100
86 63.1 46.0 85.4
49 132.0 87.8 163.2





#17

trans-1,2-Dichloroethene

Concen: 48.290 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

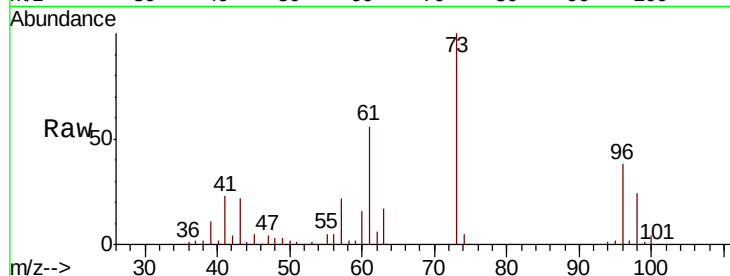
Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 84657

Ion	Ratio	Lower	Upper
96	100		
61	147.0	102.4	190.2
98	63.4	45.9	85.3

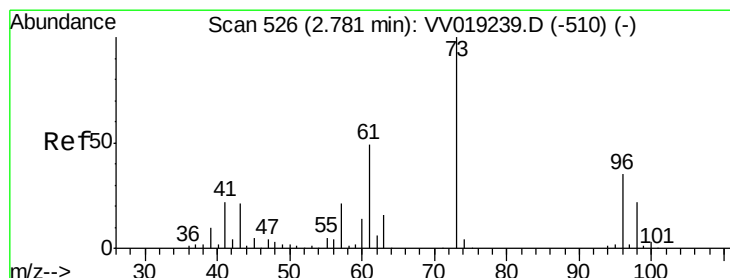
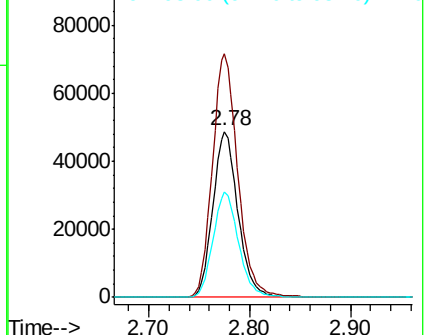
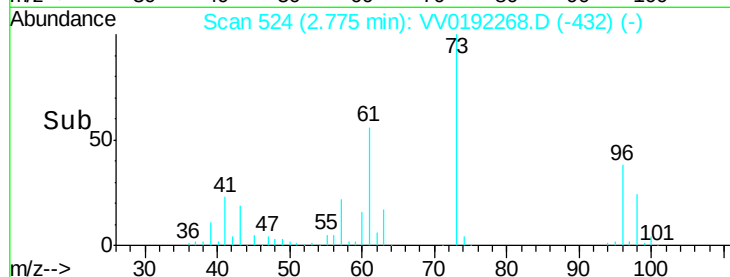


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 47.596 ug/L

RT: 2.78 min Scan# 526

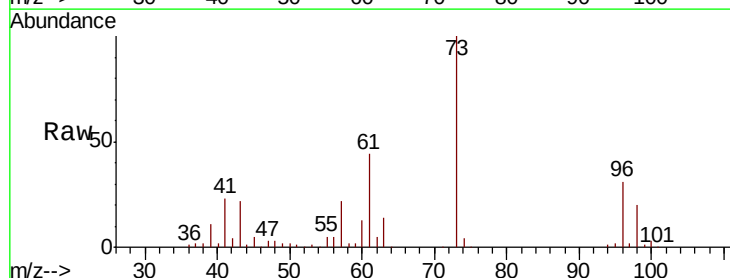
Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Tgt Ion: 73 Resp: 279398

Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.9	26.9
57	21.8	17.1	25.7

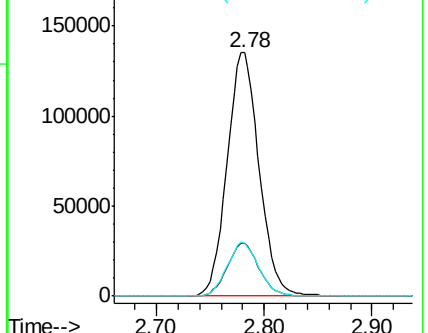
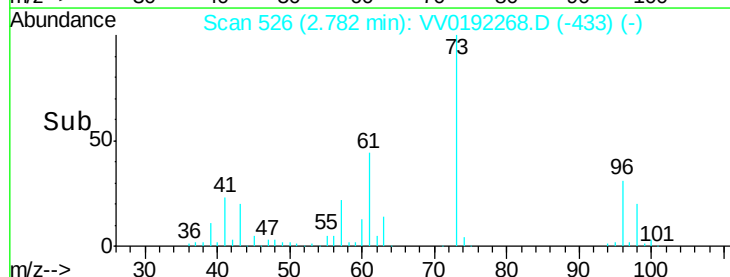


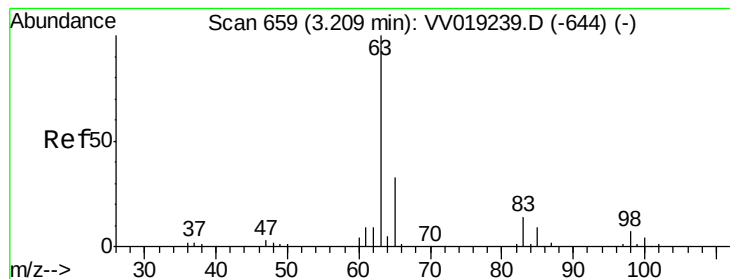
Abundance

Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 49.703 ug/L

RT: 3.21 min Scan# 658

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampled :

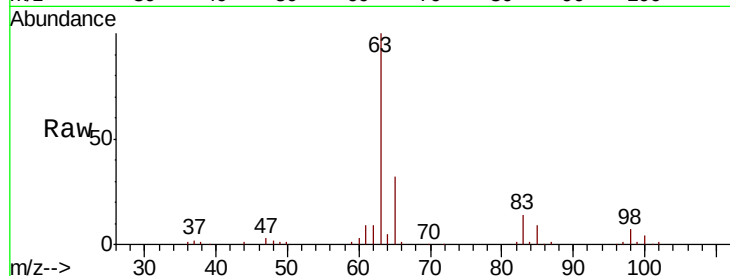
Tot Ion: 63 Resp: 162338

Ion Ratio Lower Upper

63 100

65 32.4 22.0 40.8

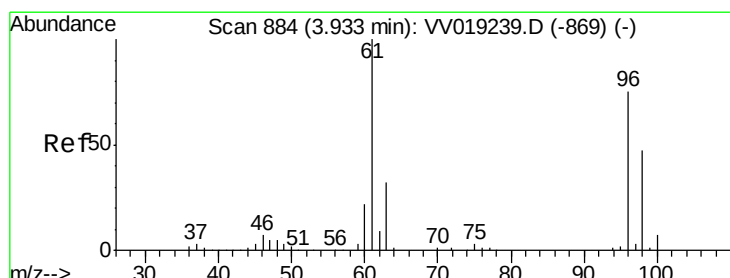
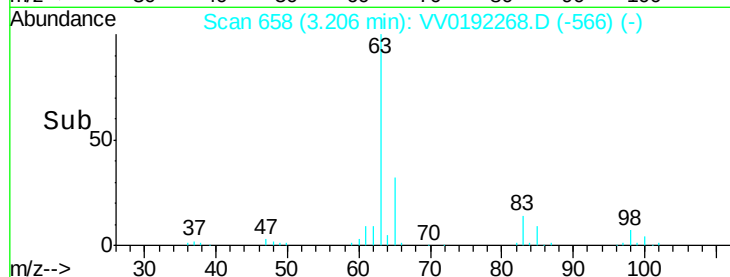
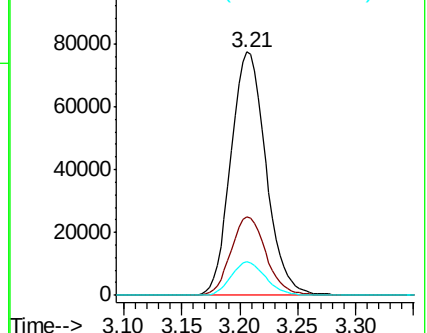
83 13.6 9.6 17.8



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 47.891 ug/L

RT: 3.93 min Scan# 884

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

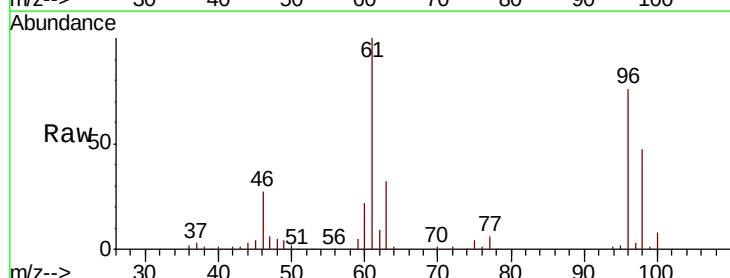
Tgt Ion: 96 Resp: 92143

Ion Ratio Lower Upper

96 100

61 132.0 90.7 168.5

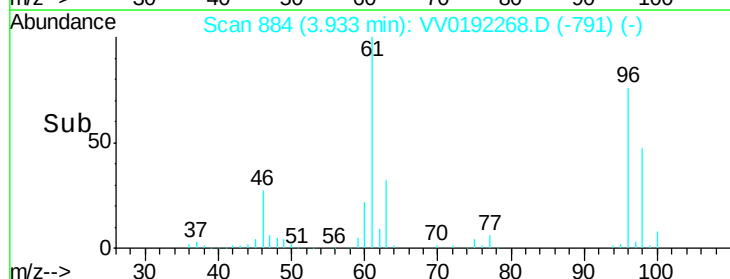
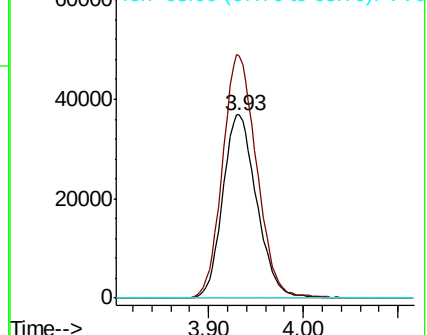
68 0.0 0.0 0.0

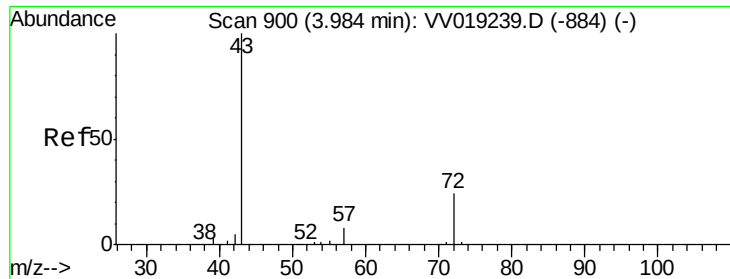


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 99.108 ug/L

RT: 3.98 min Scan# 899

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

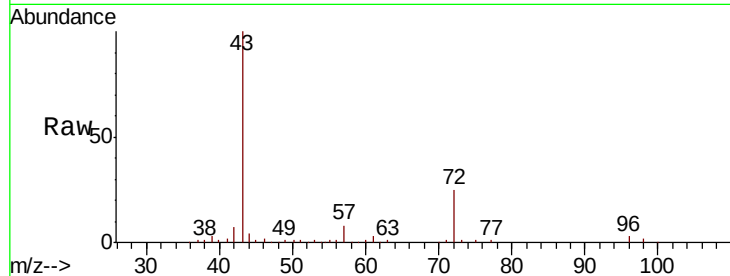
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 124245

Ion Ratio Lower Upper

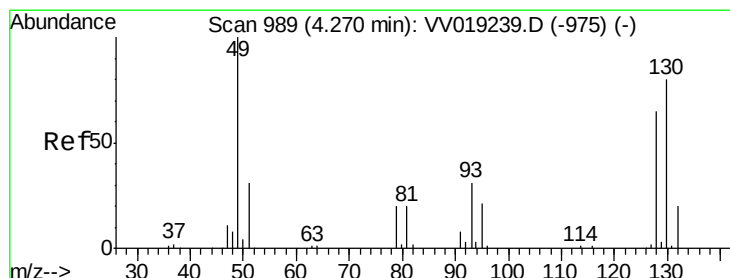
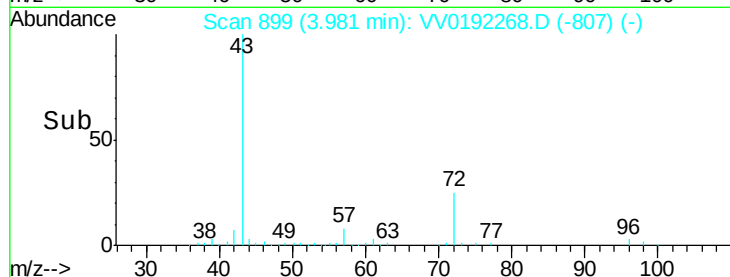
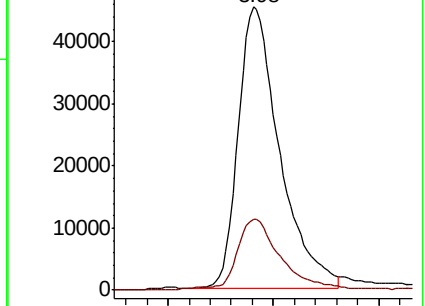
43 100

72 25.1 11.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VV019239.D (-884) (-)

Ion 72.00 (71.70 to 72.70): VV019239.D (-884) (-)



#23

Bromochloromethane

Concen: 46.521 ug/L

RT: 4.27 min Scan# 989

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Tgt Ion: 128 Resp: 48031

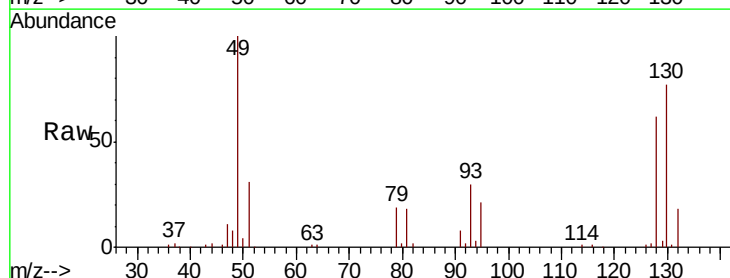
Ion Ratio Lower Upper

128 100

49 162.2 108.5 201.5

130 124.4 90.4 167.8

51 50.8 36.9 55.3

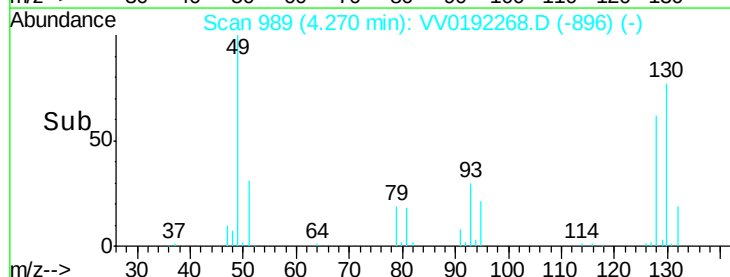
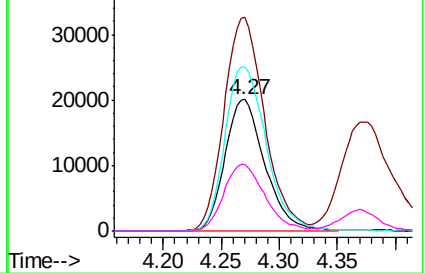


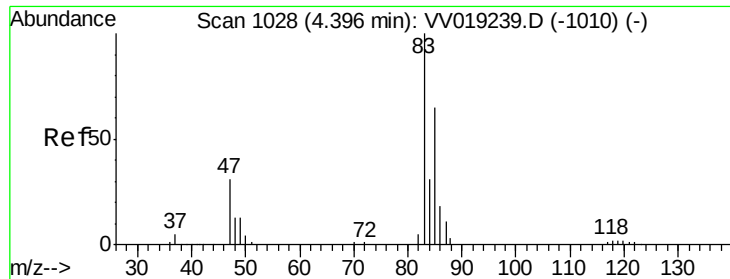
Abundance Ion 128.00 (127.70 to 128.70): VV019239.D (-975) (-)

Ion 49.00 (48.70 to 49.70): VV019239.D (-975) (-)

Ion 130.00 (129.70 to 130.70): VV019239.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VV019239.D (-975) (-)

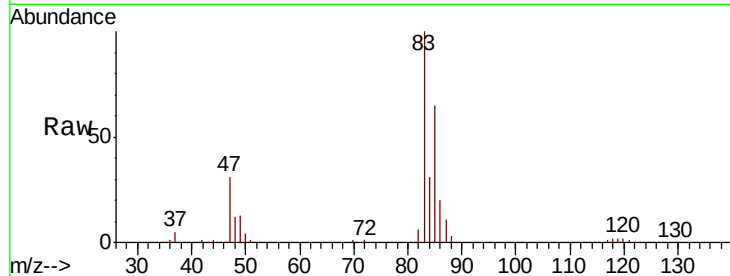




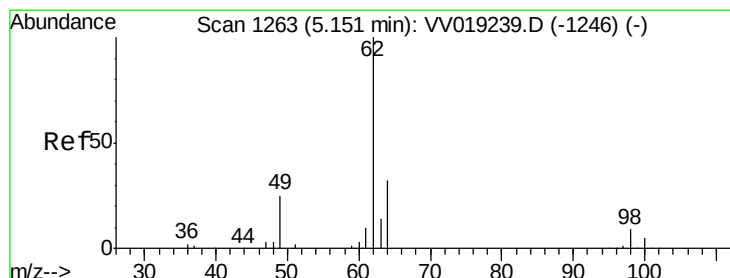
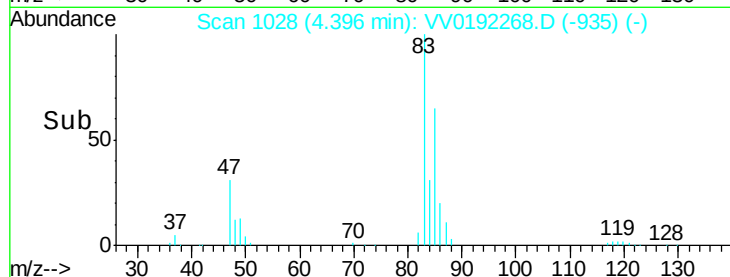
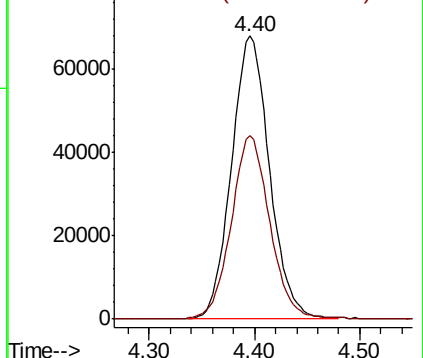
#25
Chloroform
Concen: 48.237 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 170251
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.9

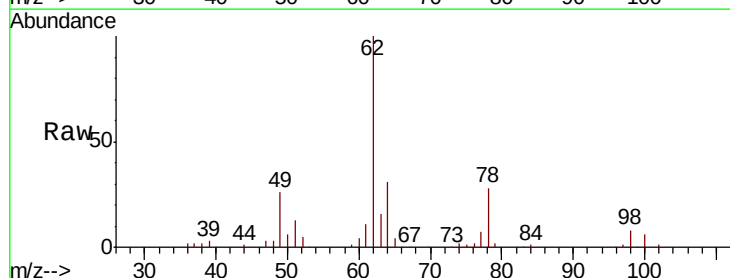


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

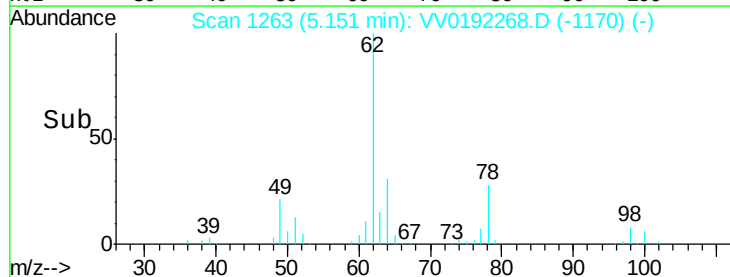
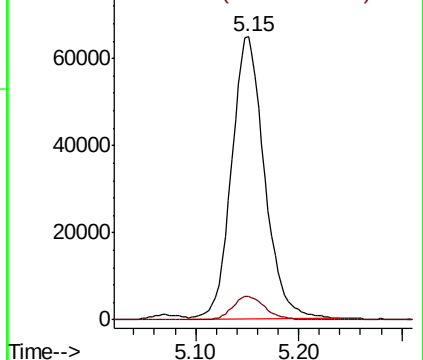


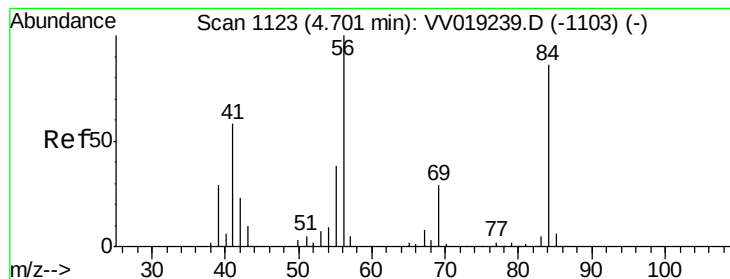
#27
1,2-Dichloroethane
Concen: 47.879 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Tgt Ion: 62 Resp: 143867
Ion Ratio Lower Upper
62 100
98 8.4 6.8 10.2



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#29

Cyclohexane

Concen: 49.081 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampleId :

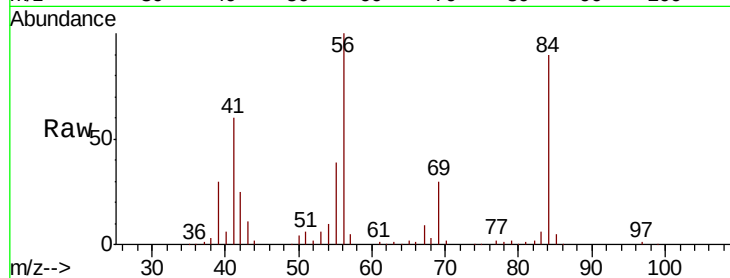
Tot Ion: 56 Resp: 136292

Ion Ratio Lower Upper

56 100

69 29.8 25.0 37.4

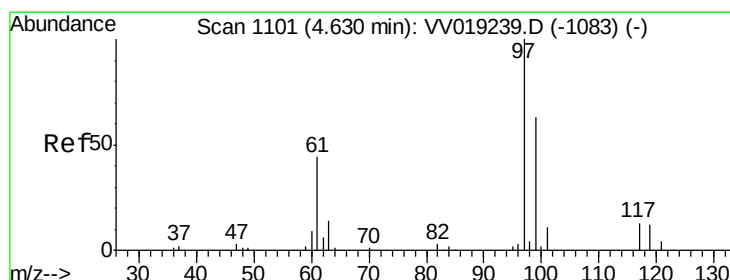
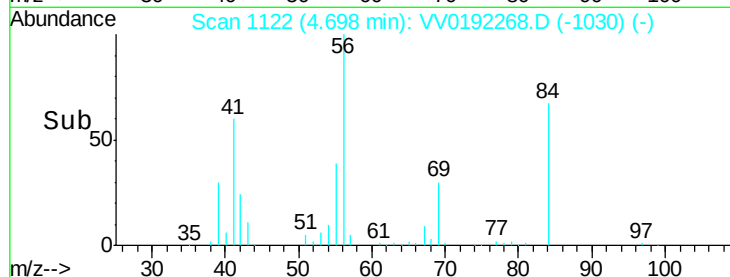
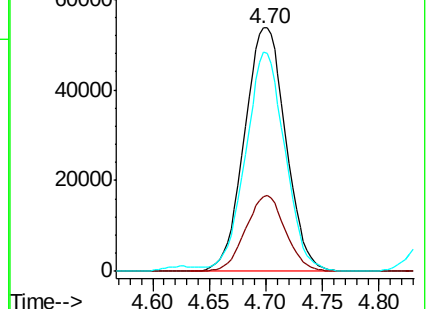
84 85.9 71.5 107.3



Abundance Ion 56.00 (55.70 to 56.70): VV019239.D (-1103) (-)

Ion 69.00 (68.70 to 69.70): VV019239.D (-1103) (-)

Ion 84.00 (83.70 to 84.70): VV019239.D (-1103) (-)



#30

1,1,1-Trichloroethane

Concen: 47.081 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

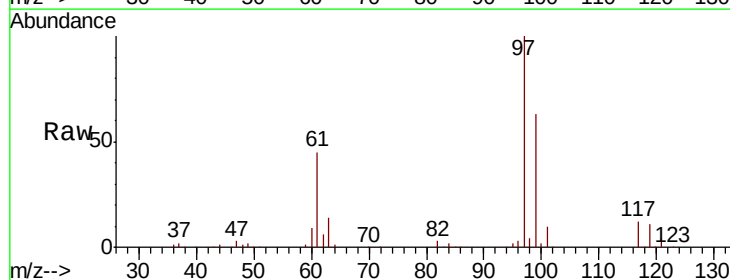
Tgt Ion: 97 Resp: 158694

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

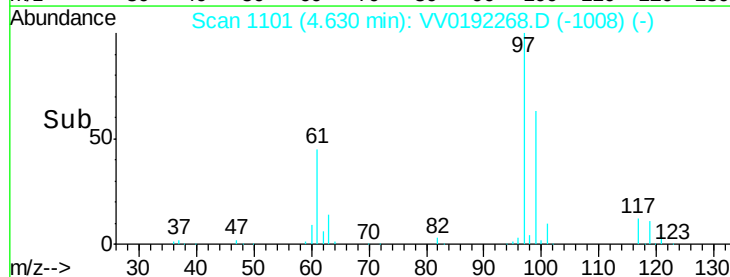
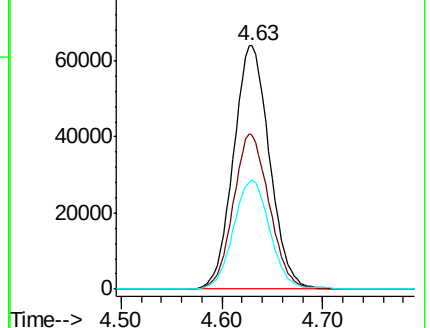
61 45.0 34.6 52.0

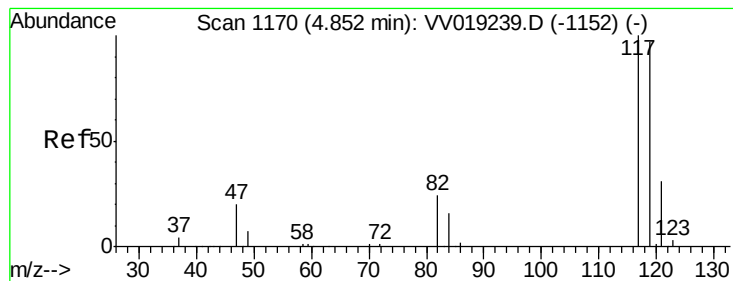


Abundance Ion 97.00 (96.70 to 97.70): VV019239.D (-1083) (-)

Ion 99.00 (98.70 to 99.70): VV019239.D (-1083) (-)

Ion 61.05 (60.75 to 61.75): VV019239.D (-1083) (-)





#31

Carbon tetrachloride

Concen: 46.938 ug/L

RT: 4.85 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

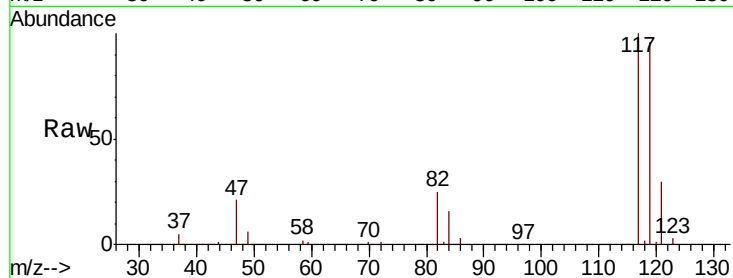
ClientSampleId :

Tot Ion:117 Resp: 140294

Ion Ratio Lower Upper

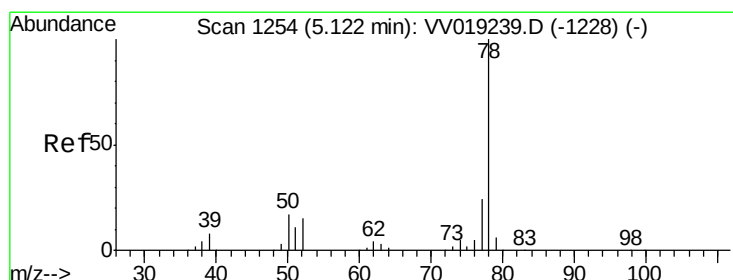
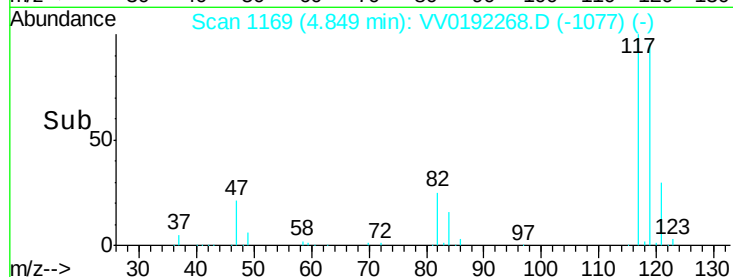
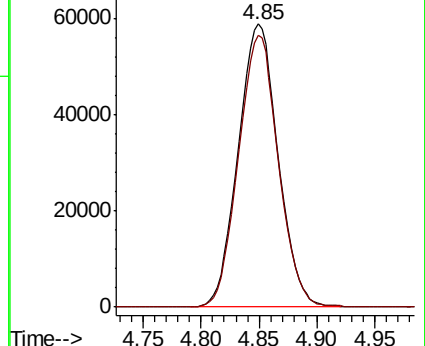
117 100

119 95.7 77.2 115.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 48.737 ug/L

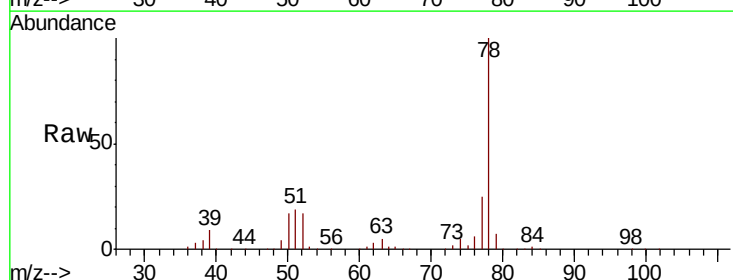
RT: 5.12 min Scan# 1253

Delta R.T. -0.00 min

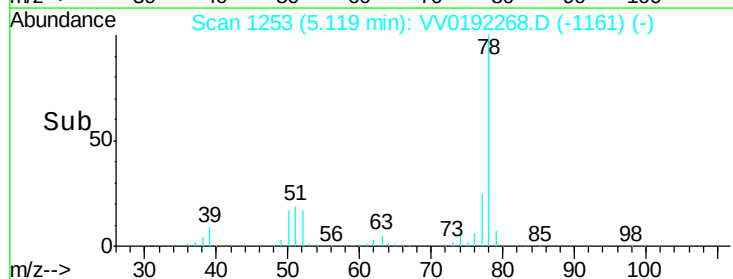
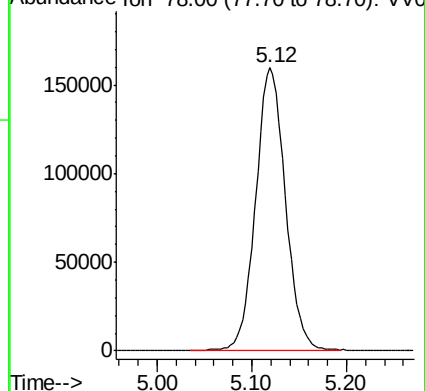
Lab File: VV0192268.D

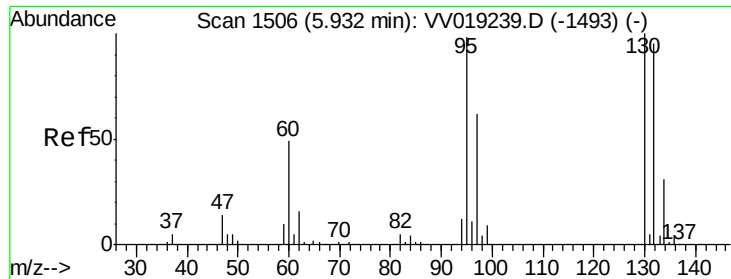
Acq: 05 Nov 2020 10:04

Tgt Ion: 78 Resp: 349526



Abundance Ion 78.00 (77.70 to 78.70): VV0

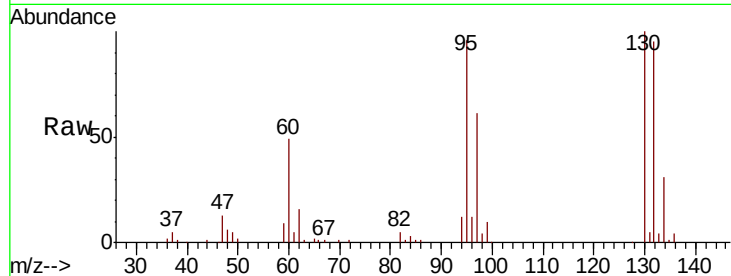




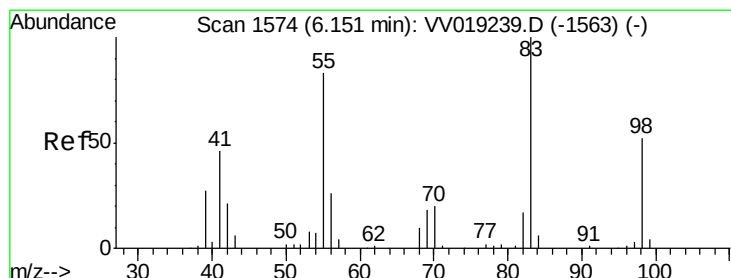
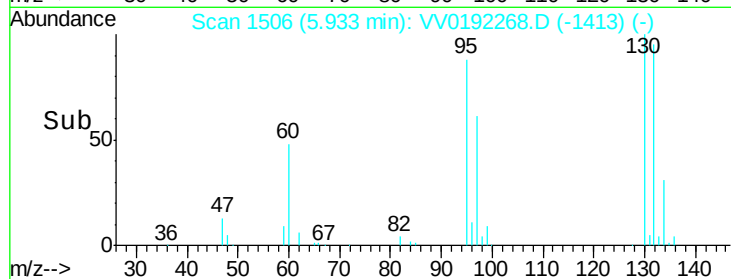
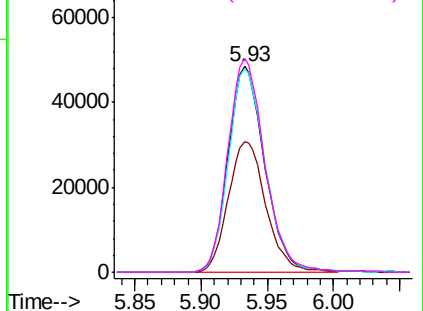
#34
 Trichloroethene
 Concen: 47.499 ug/L
 RT: 5.93 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 93320
 Ion Ratio Lower Upper
 95 100
 97 63.3 43.4 80.6
 132 98.9 69.7 129.4
 130 103.8 72.4 134.5

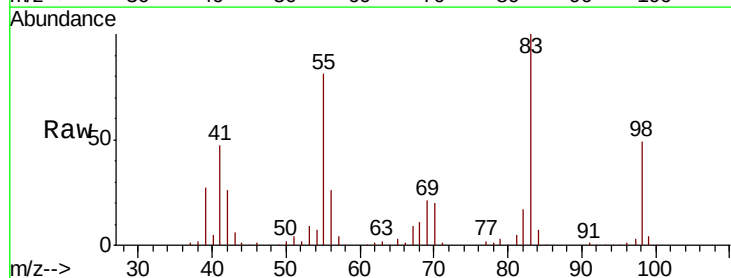


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

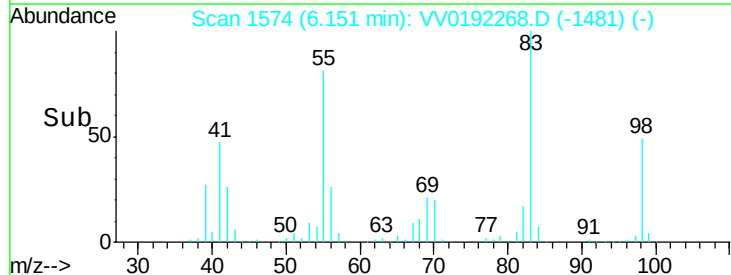
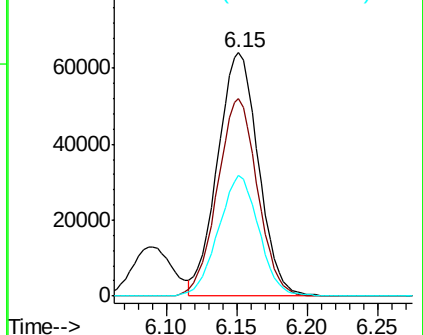


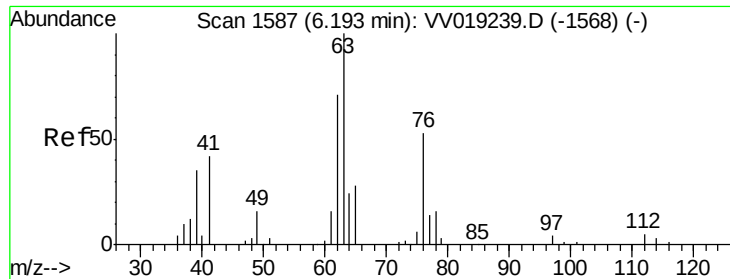
#35
 Methylcyclohexane
 Concen: 48.655 ug/L
 RT: 6.15 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Tgt Ion: 83 Resp: 129047
 Ion Ratio Lower Upper
 83 100
 55 79.9 62.2 93.4
 98 49.4 39.4 59.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

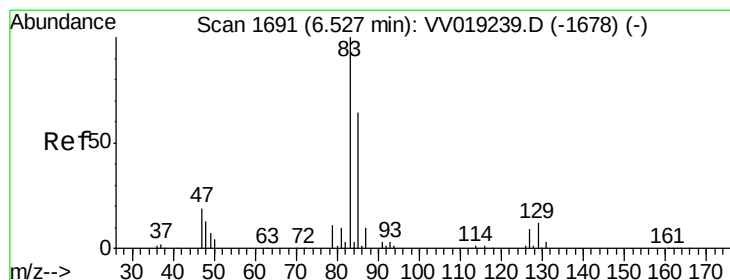
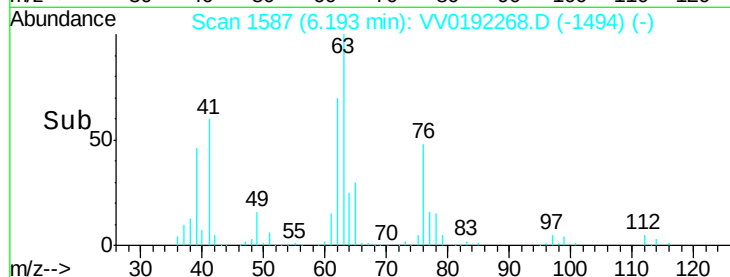
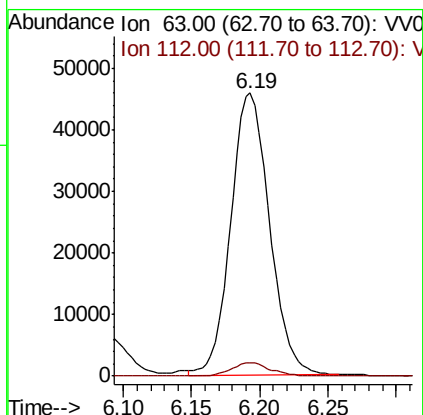
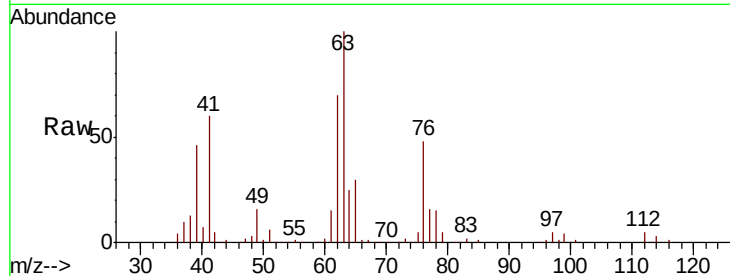




#37
 1,2-Dichloropropane
 Concen: 50.590 ug/L
 RT: 6.19 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

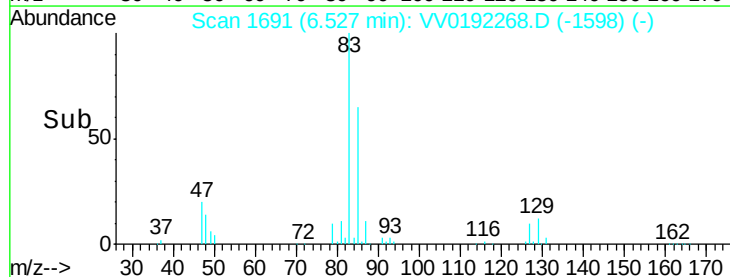
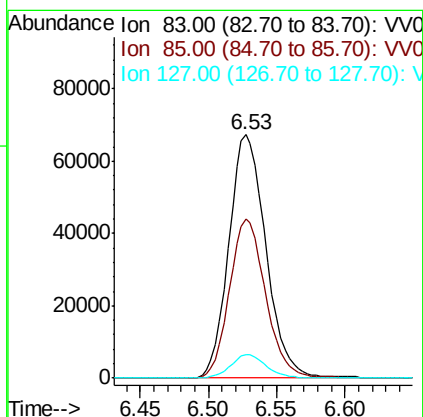
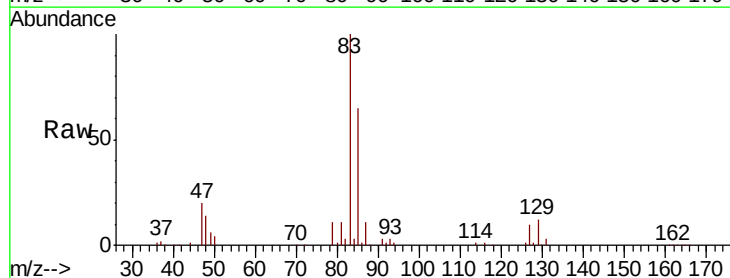
Instrument :
 MSVOA_V
 ClientSampled :

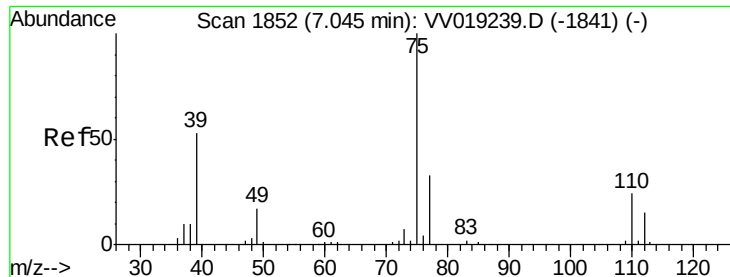
Tot Ion: 63 Resp: 90102
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.8



#38
 Bromodichloromethane
 Concen: 47.937 ug/L
 RT: 6.53 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Tgt Ion: 83 Resp: 127006
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.9 85.3
 127 9.5 6.9 10.3

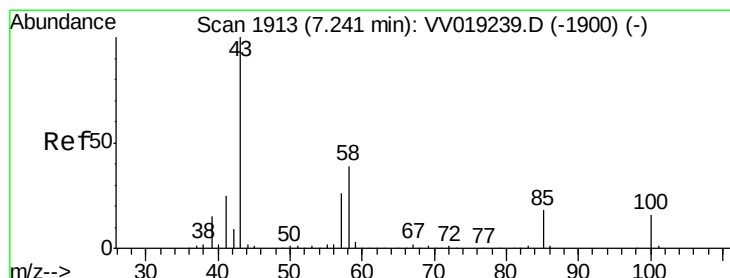
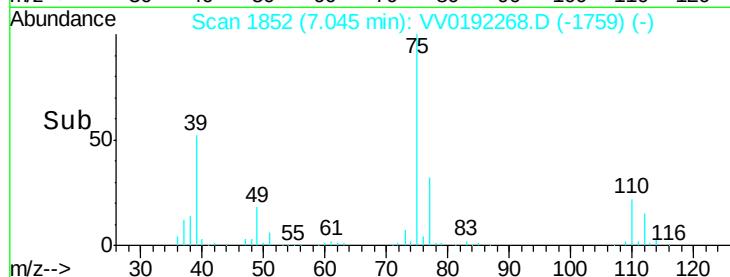
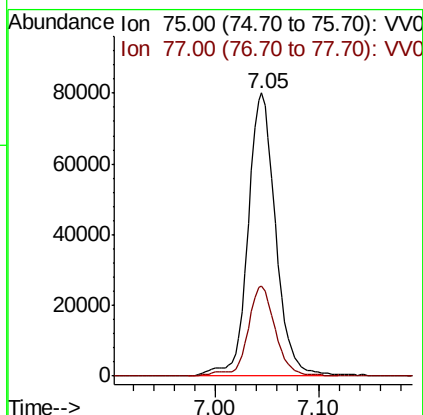
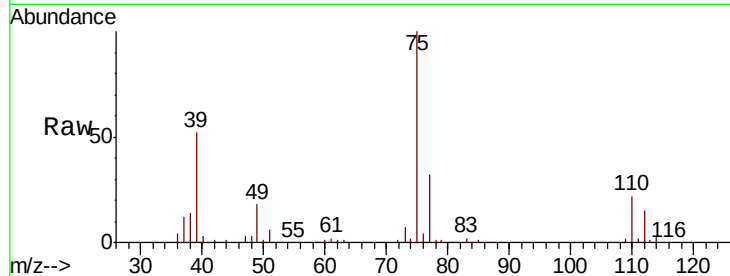




#39
 cis-1,3-Dichloropropene
 Concen: 50.519 ug/L
 RT: 7.05 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

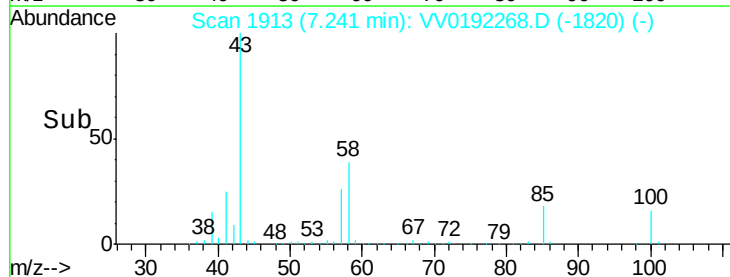
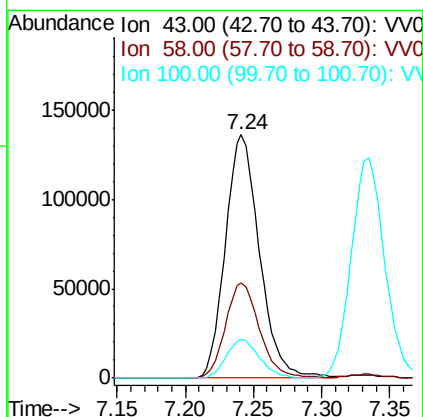
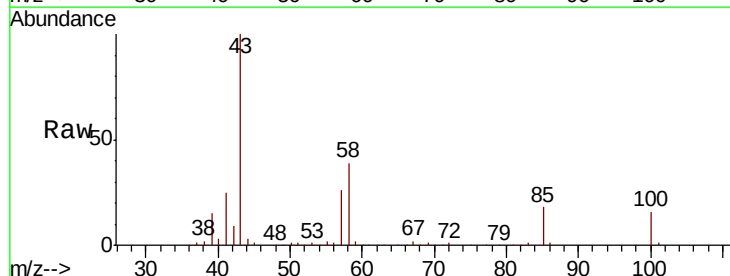
Instrument :
 MSVOA_V
 ClientSampled :

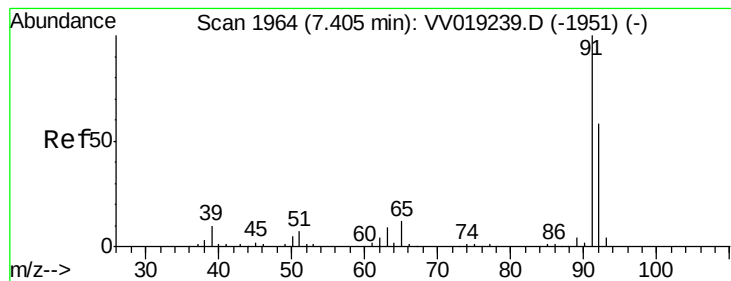
Tot Ion: 75 Resp: 148615
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 96.312 ug/L
 RT: 7.24 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Tgt Ion: 43 Resp: 236632
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.0 46.4
 100 15.6 13.2 19.8





#42

Toluene

Concen: 48.696 ug/L

RT: 7.41 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

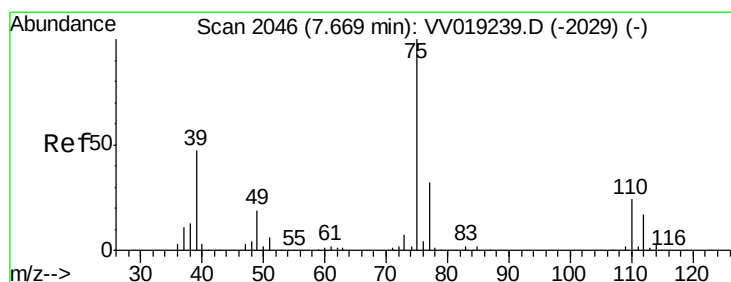
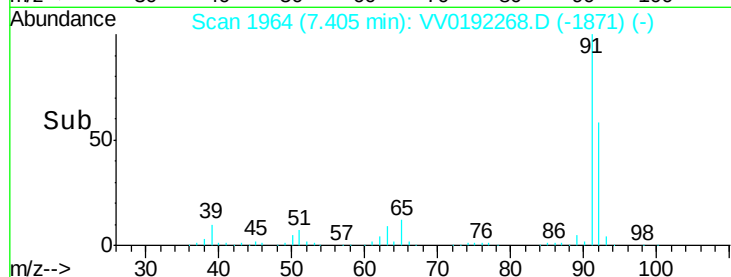
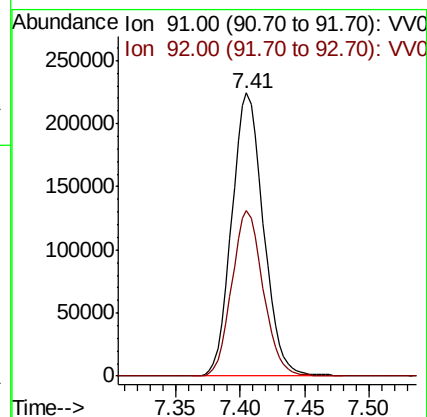
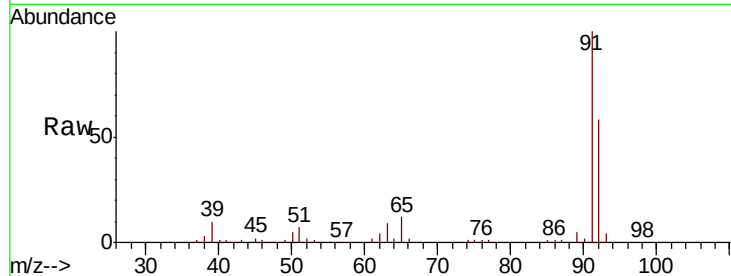
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 382850

Ion Ratio Lower Upper

91 100

92 58.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 48.869 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VV0192268.D

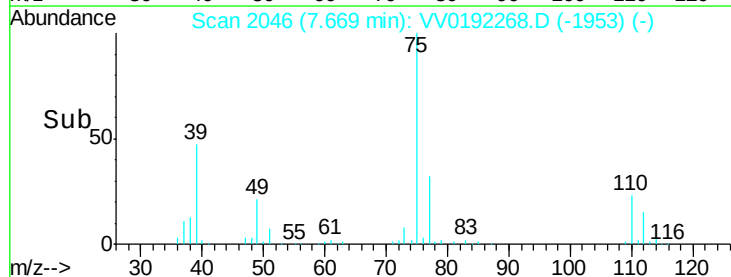
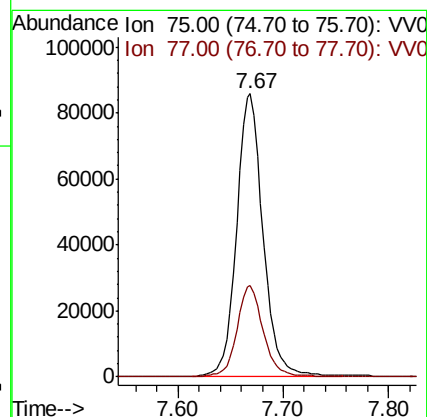
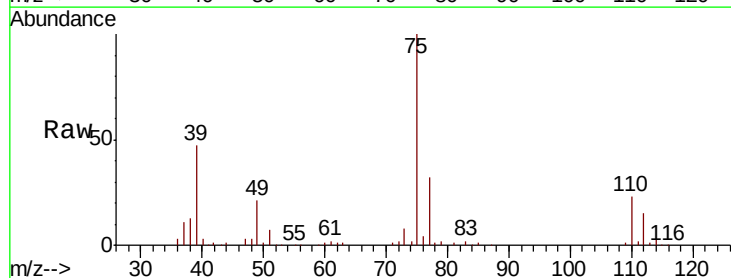
Acq: 05 Nov 2020 10:04

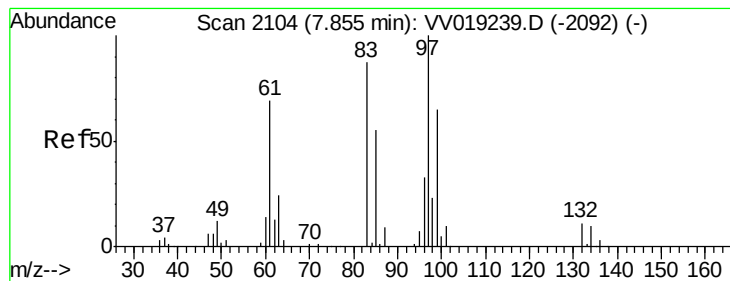
Tgt Ion: 75 Resp: 149550

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 47.838 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. 0.00 min

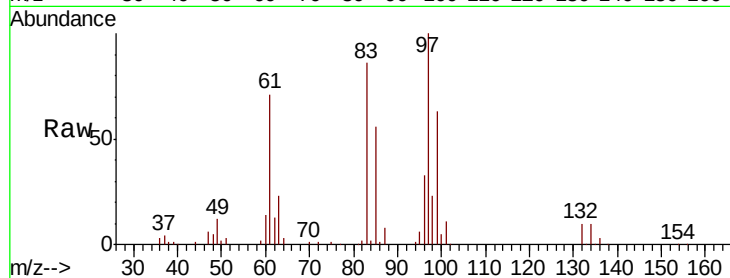
Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 97 Resp: 85449

Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.1	80.1
83	86.0	58.3	108.3
85	55.7	37.8	70.2



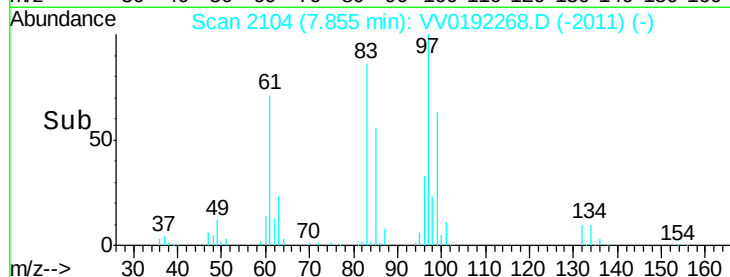
Abundance

Ion 97.00 (96.70 to 97.70): VV0

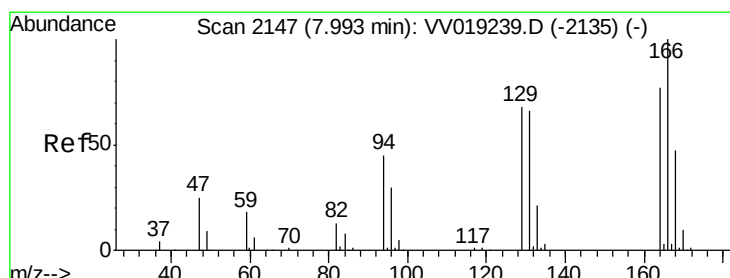
Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



Time-->



#46

Tetrachloroethene

Concen: 46.731 ug/L

RT: 7.99 min Scan# 2147

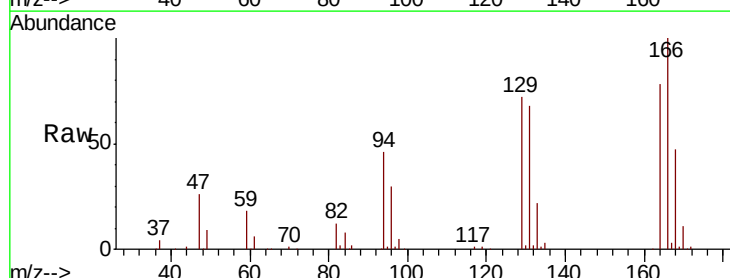
Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Tgt Ion: 164 Resp: 78397

Ion	Ratio	Lower	Upper
164	100		
129	91.5	63.2	117.4
131	86.2	60.3	112.1
166	127.4	88.3	163.9



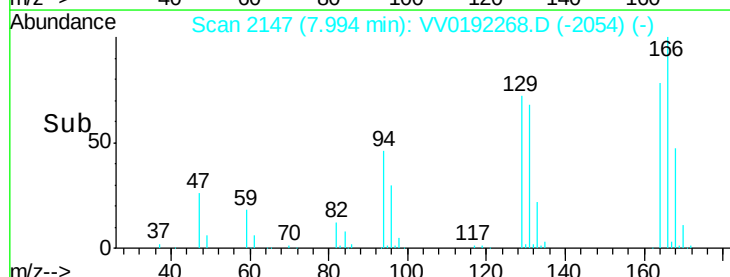
Abundance

Ion 164.00 (163.70 to 164.70): V

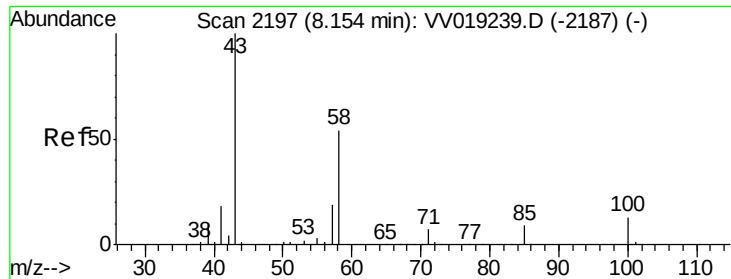
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



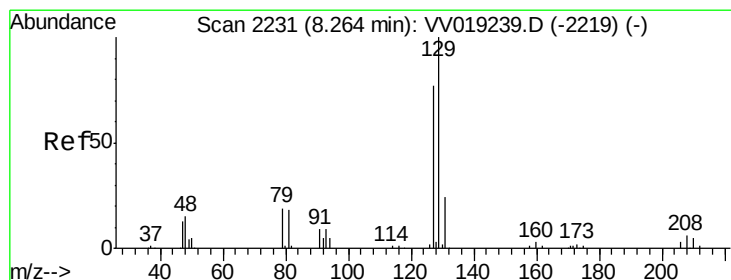
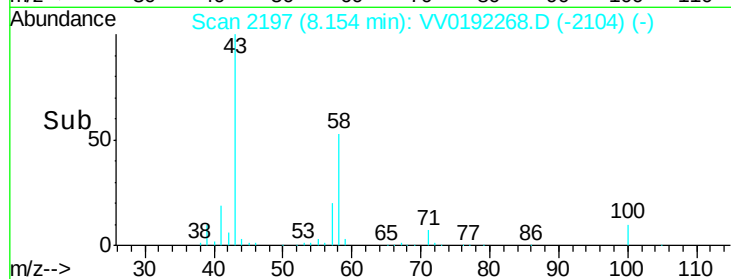
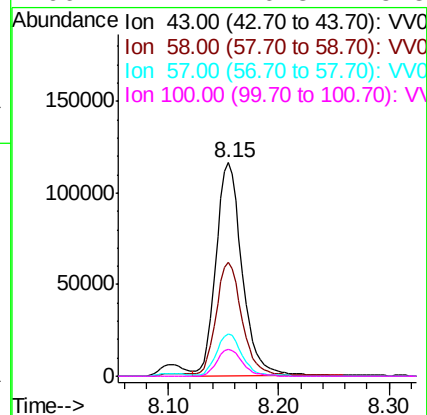
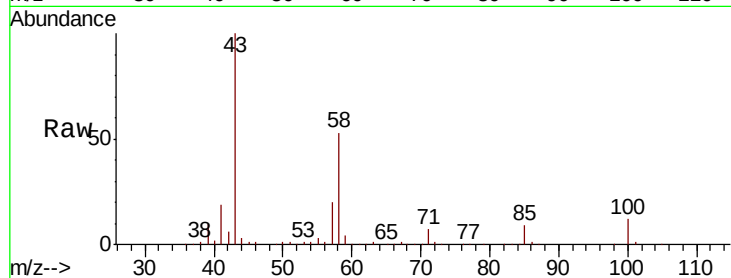
Time-->



#48
2-Hexanone
Concen: 97.698 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

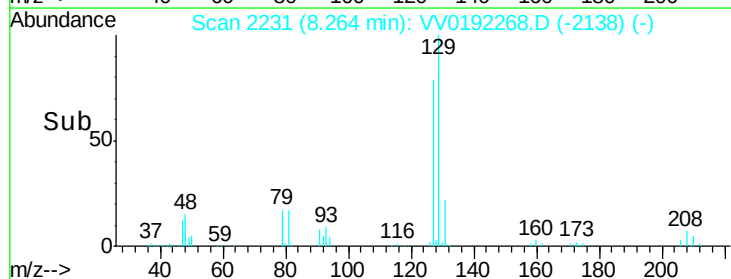
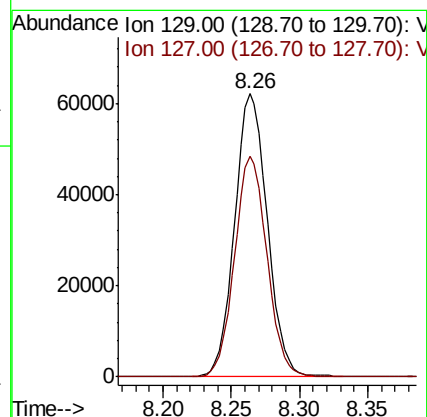
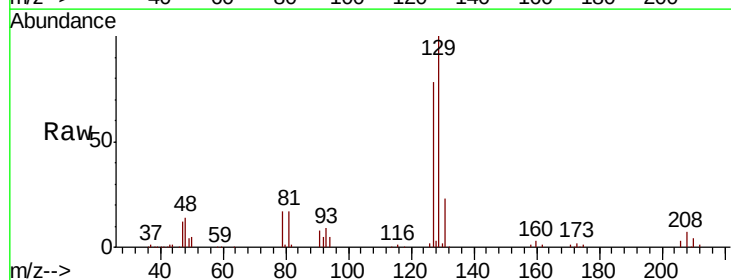
Instrument :
MSVOA_V
ClientSampleId :

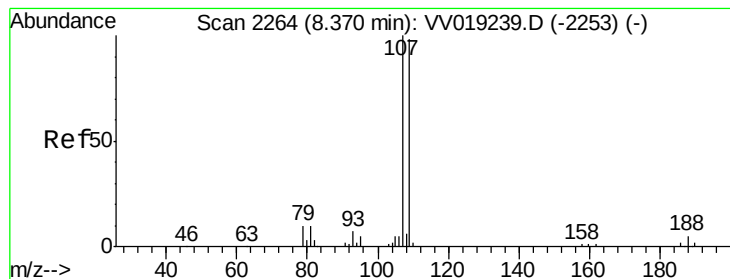
Tot Ion: 43 Resp: 190791
Ion Ratio Lower Upper
43 100
58 52.8 43.6 65.4
57 19.9 16.0 24.0
100 12.4 10.3 15.5



#49
Dibromochloromethane
Concen: 47.825 ug/L
RT: 8.26 min Scan# 2231
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Tgt Ion: 129 Resp: 103432
Ion Ratio Lower Upper
129 100
127 77.9 54.7 101.5





#50

1,2-Dibromoethane

Concen: 47.149 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :
MSVOA_V
ClientSampleId :

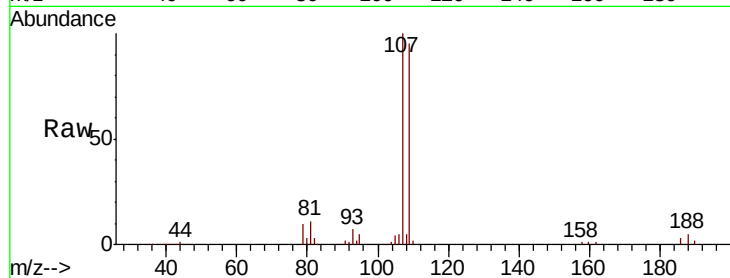
Tot Ion:107 Resp: 89855

Ion Ratio Lower Upper

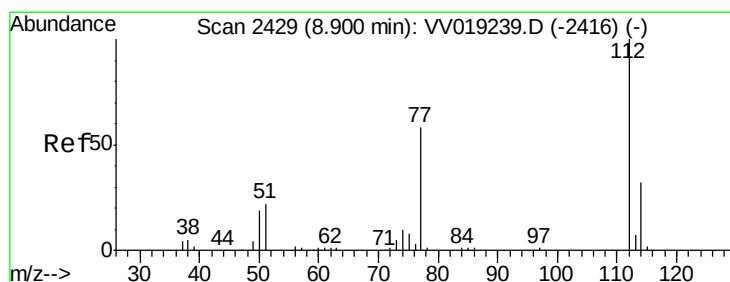
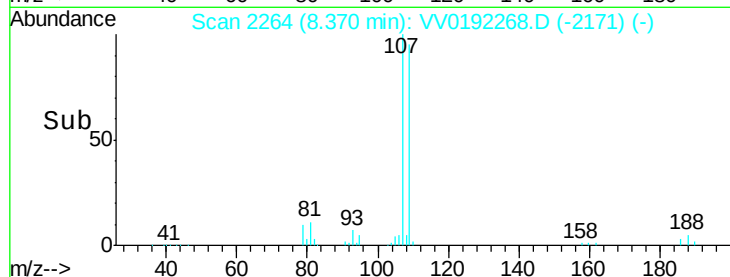
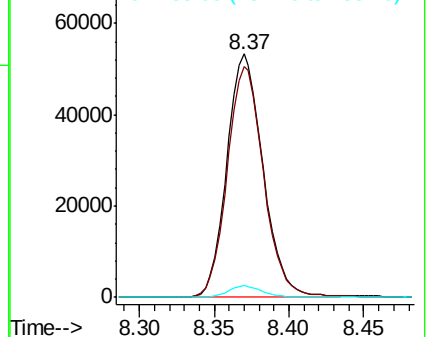
107 100

109 95.0 65.7 121.9

188 4.7 3.4 5.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 47.419 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

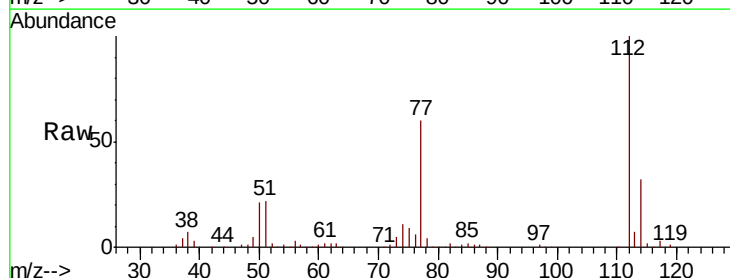
Tgt Ion:112 Resp: 244421

Ion Ratio Lower Upper

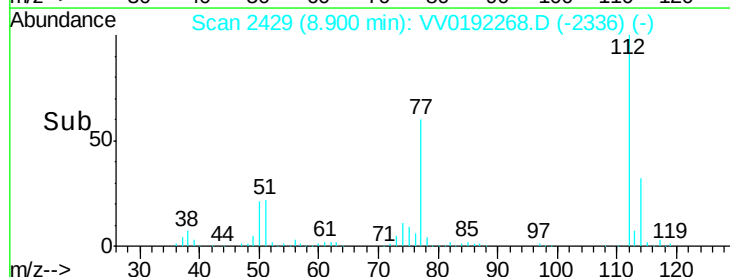
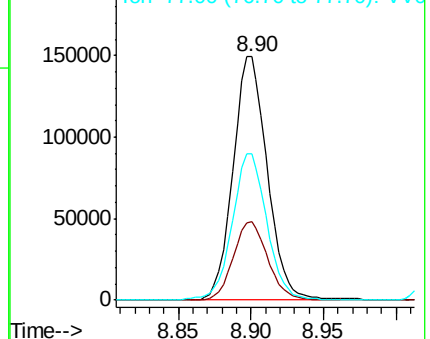
112 100

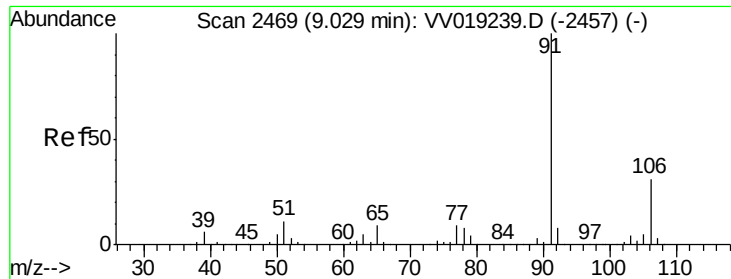
114 32.0 22.3 41.5

77 60.0 46.7 70.1



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 48.618 ug/L

RT: 9.03 min Scan# 2469

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

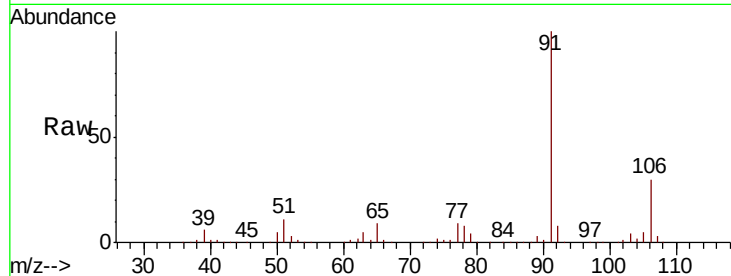
ClientSampleId :

Tot Ion: 91 Resp: 421180

Ion Ratio Lower Upper

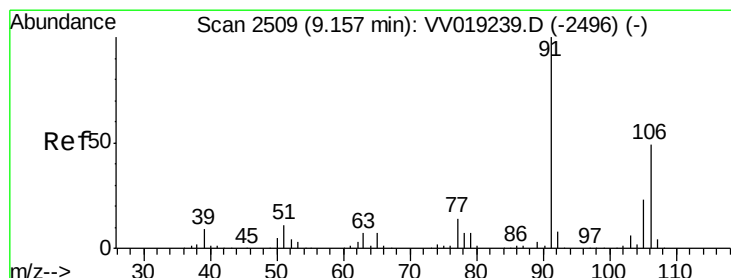
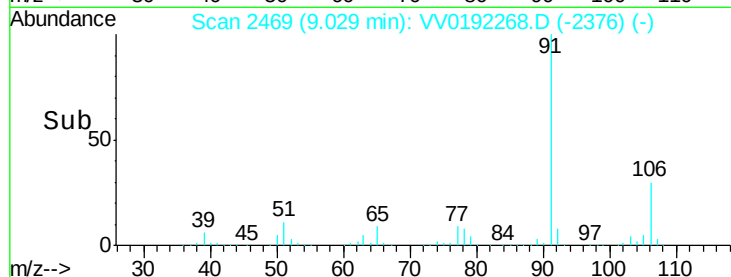
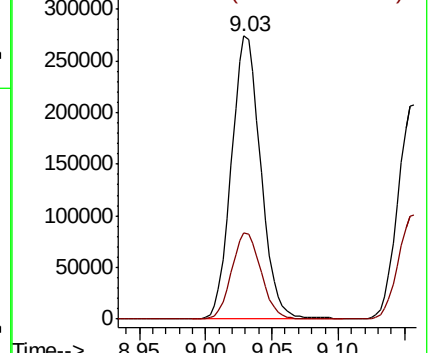
91 100

106 30.3 21.6 40.0



Abundance Ion 91.00 (90.70 to 91.70): VV019239.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV019239.D (-2457) (-)



#53

m,p-Xylene

Concen: 48.552 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV0192268.D

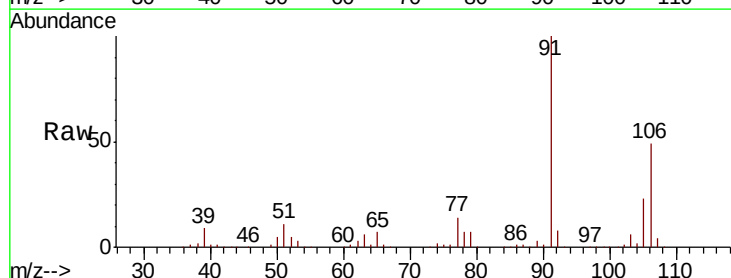
Acq: 05 Nov 2020 10:04

Tgt Ion: 106 Resp: 158867

Ion Ratio Lower Upper

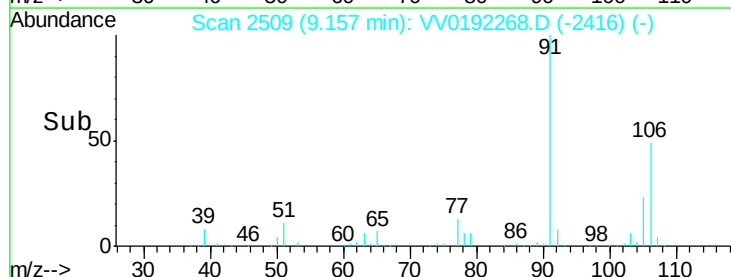
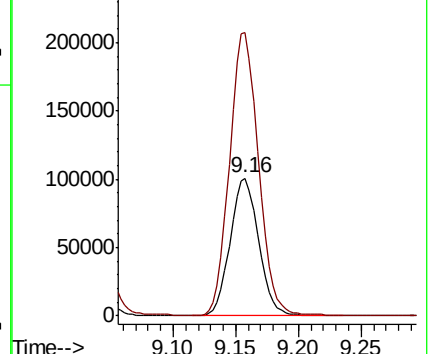
106 100

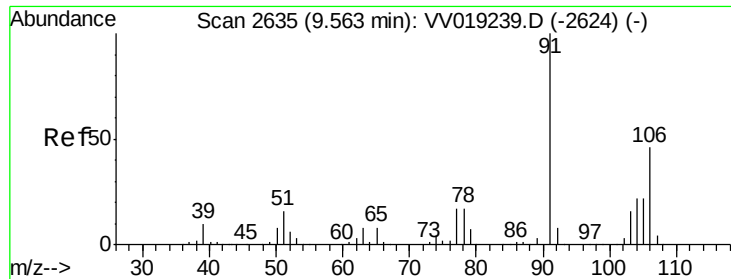
91 205.6 145.4 270.0



Abundance Ion 106.00 (105.70 to 106.70): VV019239.D (-2496) (-)

Ion 91.00 (90.70 to 91.70): VV019239.D (-2496) (-)

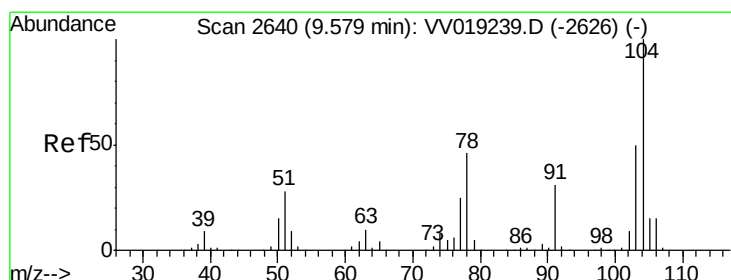
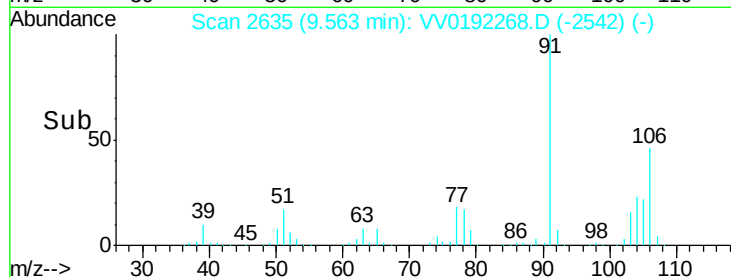
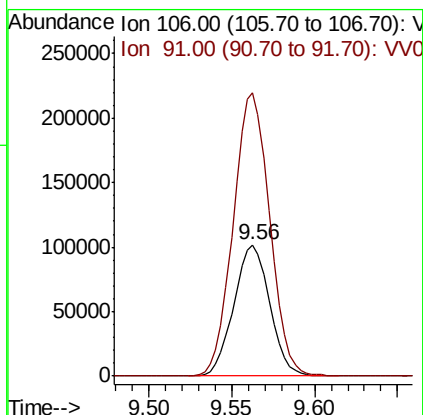
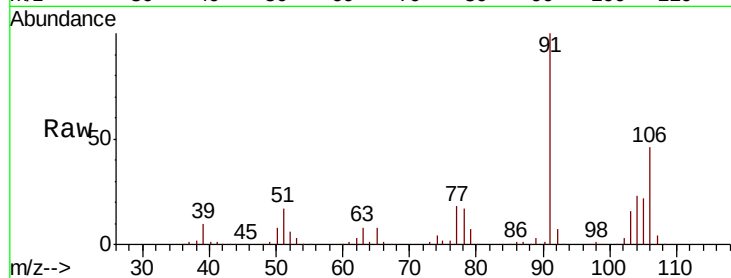




#54
o-xylene
Concen: 48.704 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

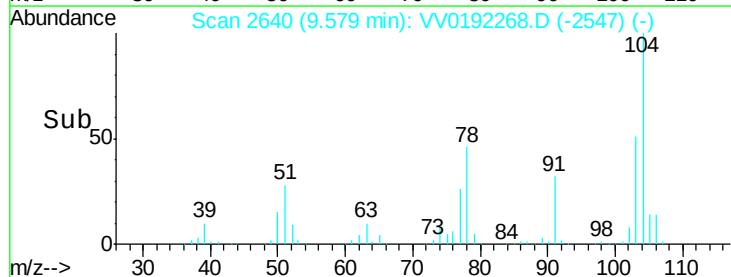
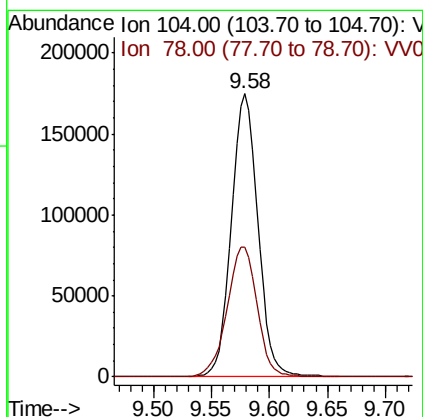
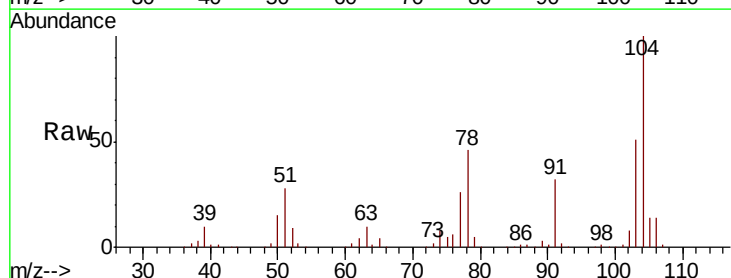
Instrument :
MSVOA_V
ClientSampled :

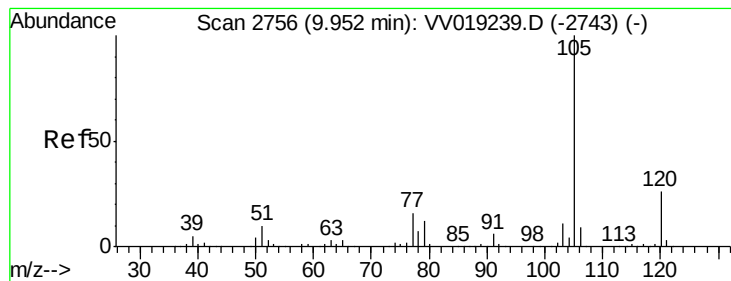
Tot Ion:106 Resp: 153007
Ion Ratio Lower Upper
106 100
91 215.8 153.4 285.0



#55
Styrene
Concen: 49.593 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. 0.00 min
Lab File: VV0192268.D
Acq: 05 Nov 2020 10:04

Tgt Ion:104 Resp: 276137
Ion Ratio Lower Upper
104 100
78 46.0 32.8 60.8





#56

Isopropylbenzene

Concen: 49.394 ug/L

RT: 9.95 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampleId :

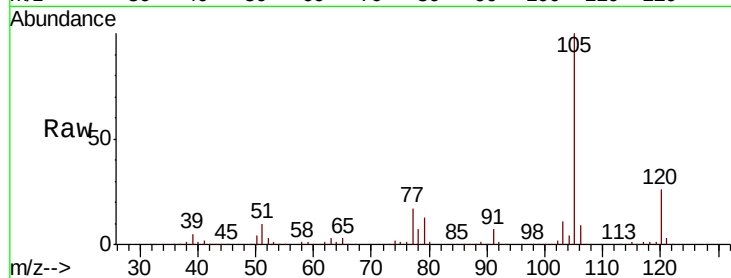
Tot Ion:105 Resp: 417021

Ion Ratio Lower Upper

105 100

120 25.8 21.3 31.9

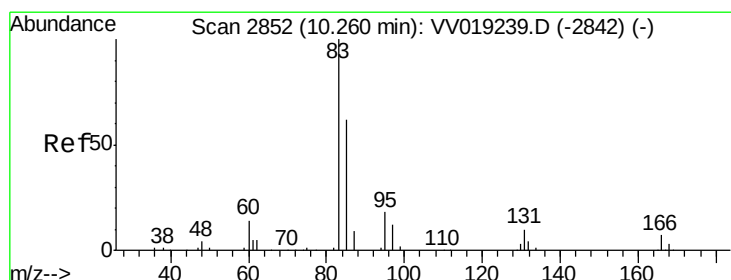
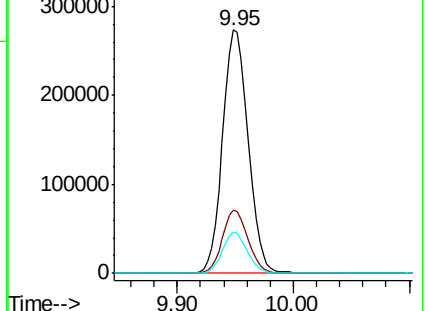
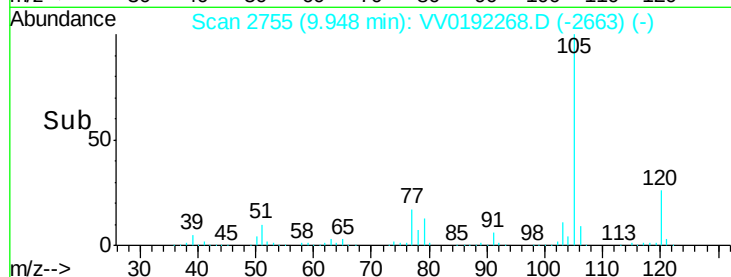
77 16.4 13.0 19.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 46.883 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

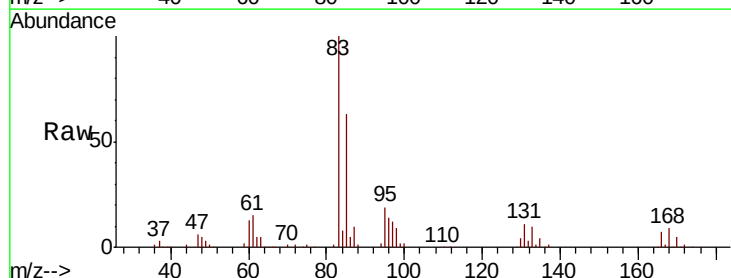
Tgt Ion: 83 Resp: 127518

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.0

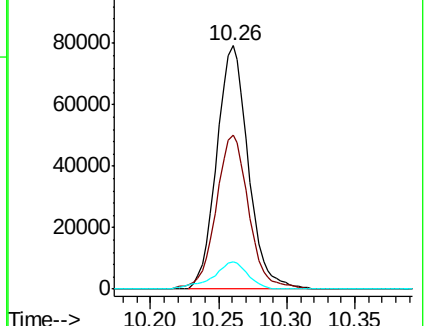
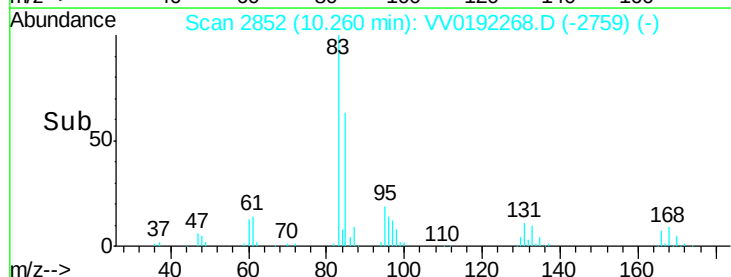
131 11.4 8.9 13.3

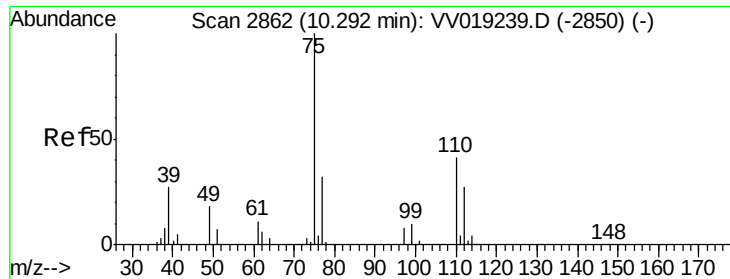


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 46.503 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

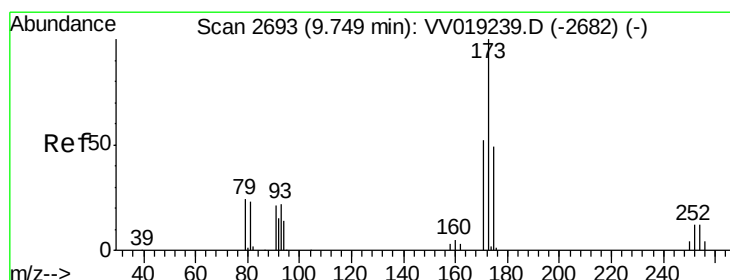
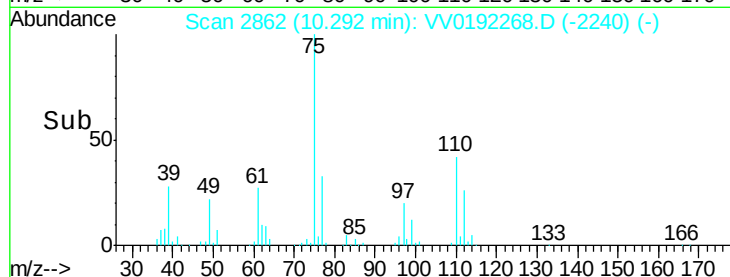
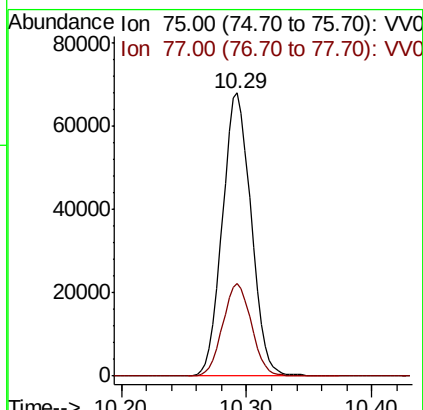
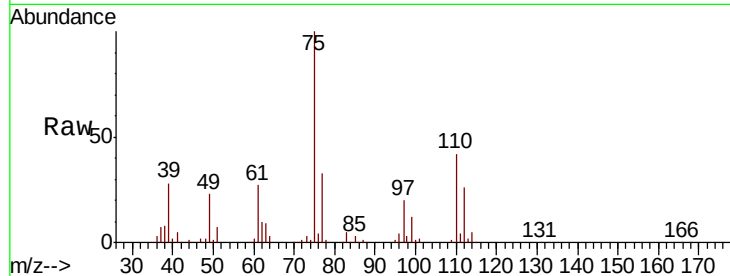
ClientSampleId :

Tot Ion: 75 Resp: 108272

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4



#61

Bromoform

Concen: 45.067 ug/L

RT: 9.75 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

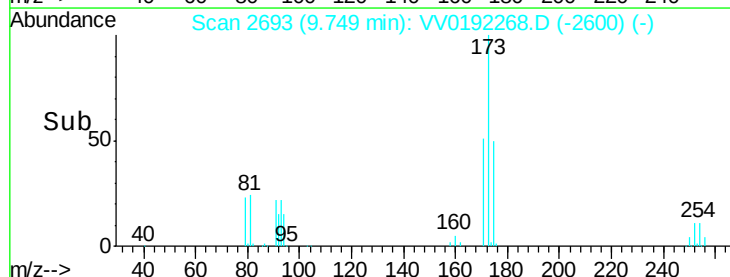
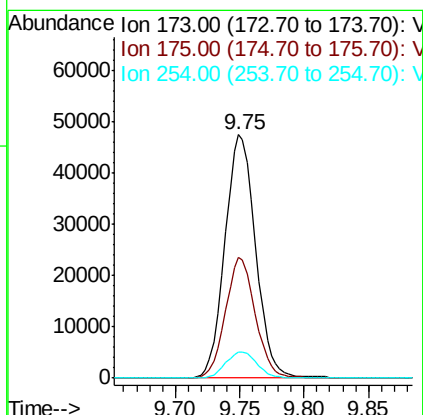
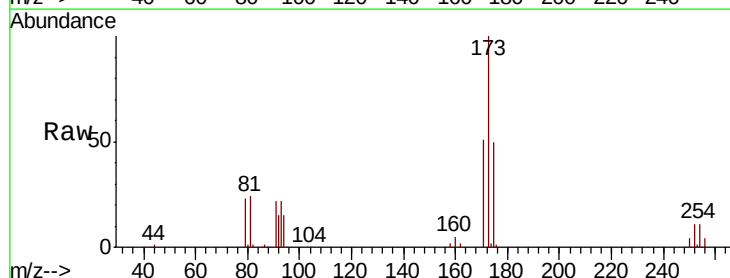
Tgt Ion: 173 Resp: 78287

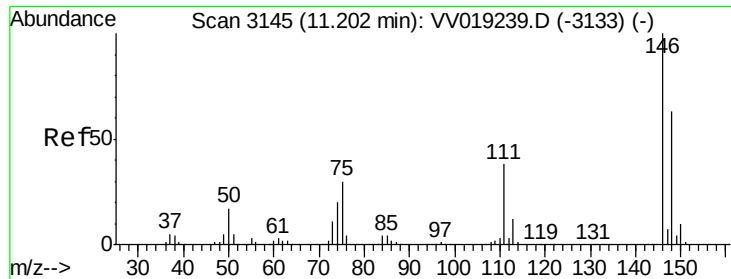
Ion Ratio Lower Upper

173 100

175 48.2 39.8 59.6

254 11.0 9.7 14.5





#62

1,3-Dichlorobenzene

Concen: 46.612 ug/L

RT: 11.20 min Scan# 3144

Delta R.T. -0.00 min

Lab File: VV0192268.D

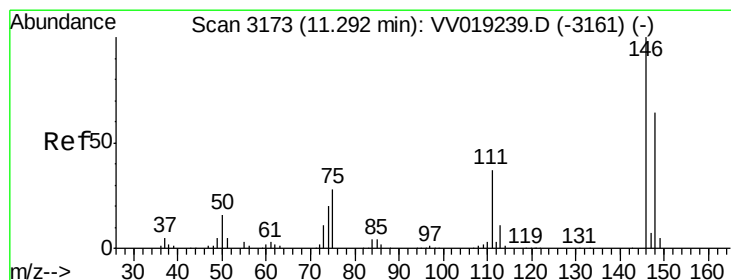
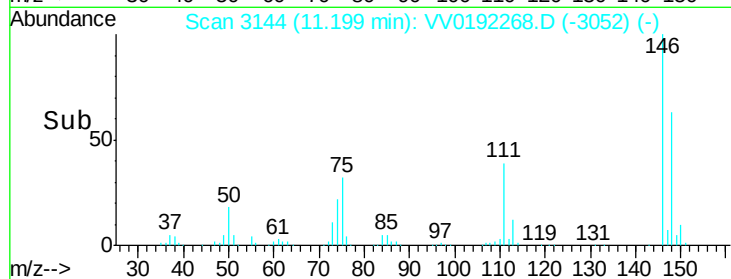
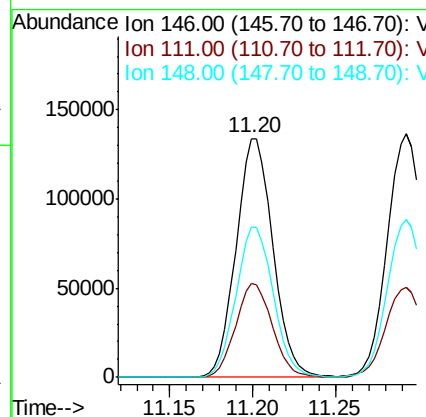
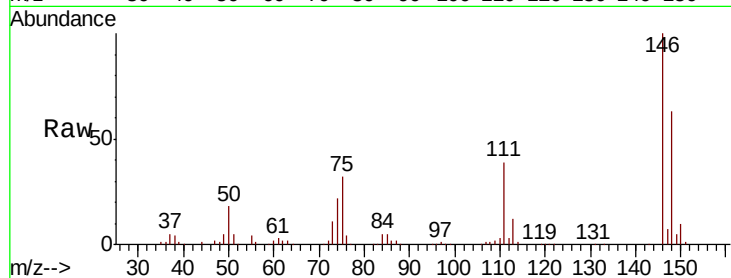
Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:146	Resp:	207048
Ion Ratio	Lower	Upper
146	100	
111	39.3	27.1 50.3
148	63.2	44.7 83.1



#63

1,4-Dichlorobenzene

Concen: 45.958 ug/L

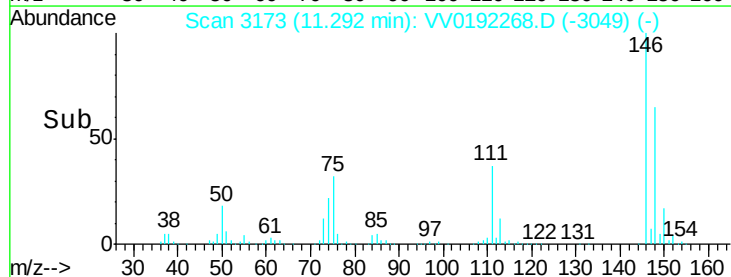
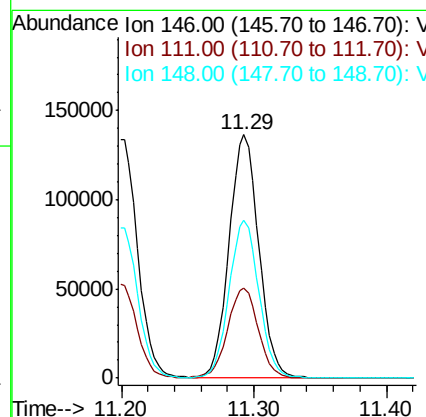
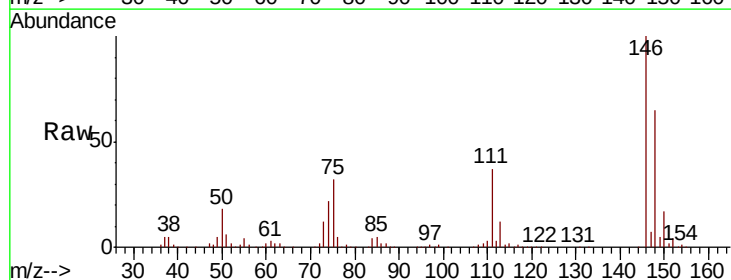
RT: 11.29 min Scan# 3173

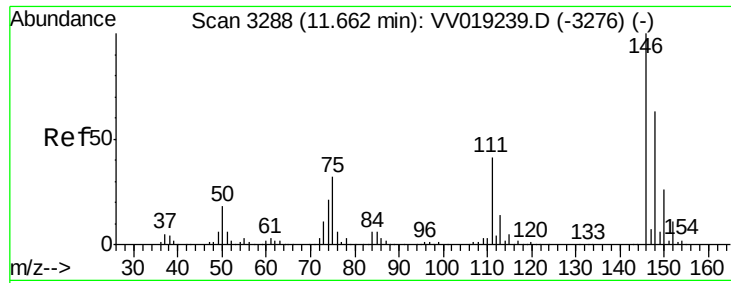
Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Tgt Ion:146	Resp:	212154
Ion Ratio	Lower	Upper
146	100	
111	37.0	25.8 48.0
148	65.1	44.0 81.6

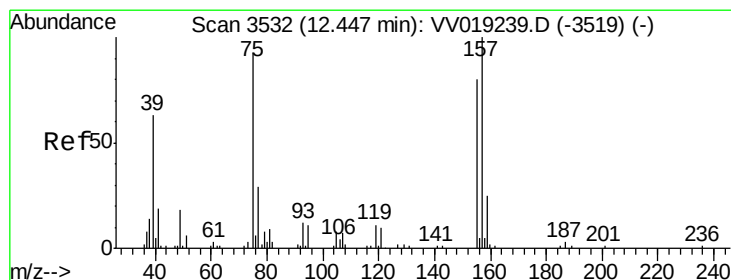
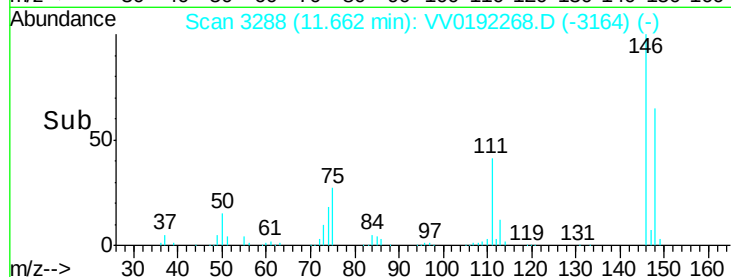
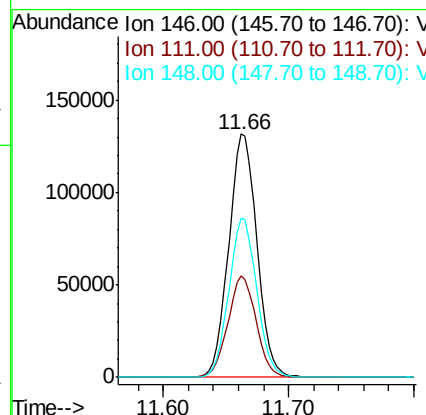
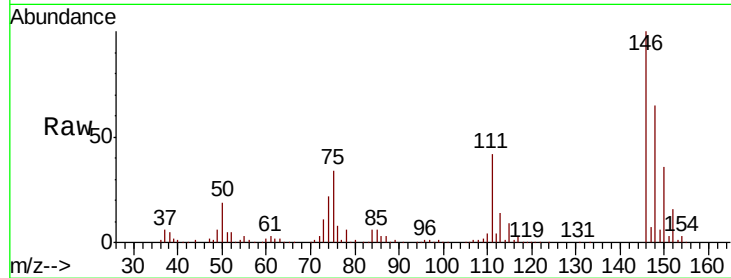




#65
 1,2-Dichlorobenzene
 Concen: 46.600 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

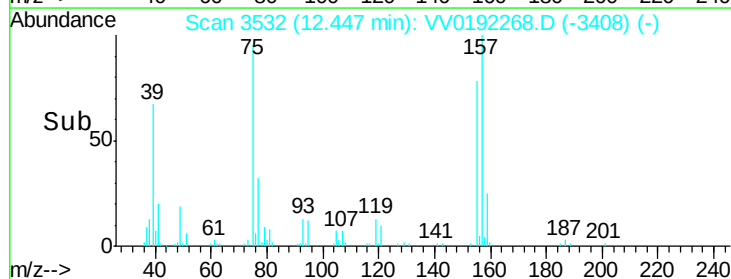
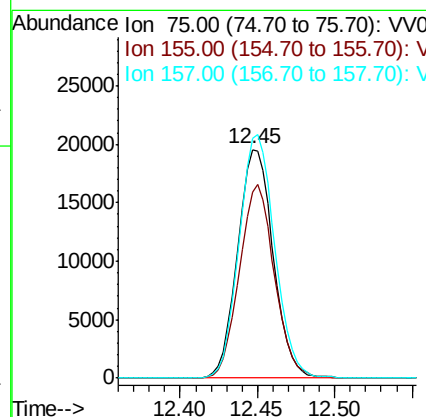
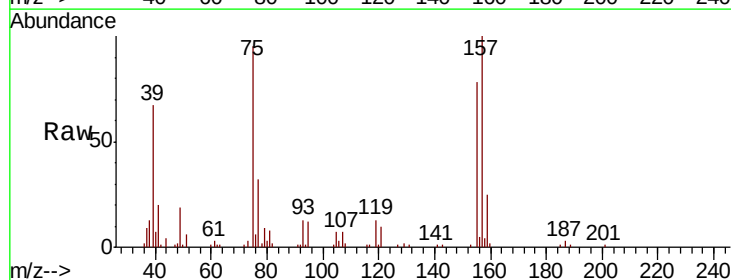
Instrument :
 MSVOA_V
 ClientSampleId :

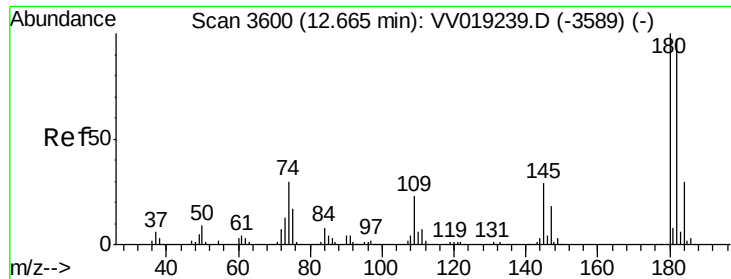
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	32.2	48.4
148	65.4	50.8	76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 41.394 ug/L
 RT: 12.45 min Scan# 3532
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	71.1	106.7
157	104.9	90.5	135.7

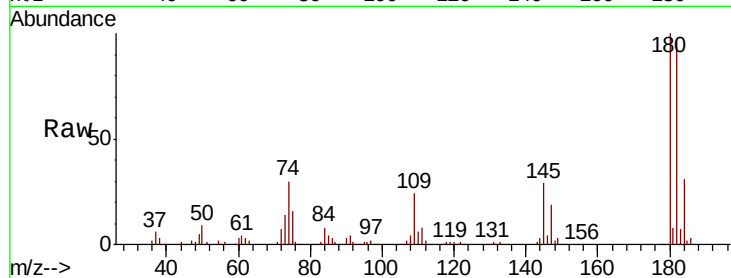




#67
 1,3,5-Trichlorobenzene
 Concen: 45.158 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.1	114.1
184	30.8	24.5	36.7
145	29.0	22.7	34.1

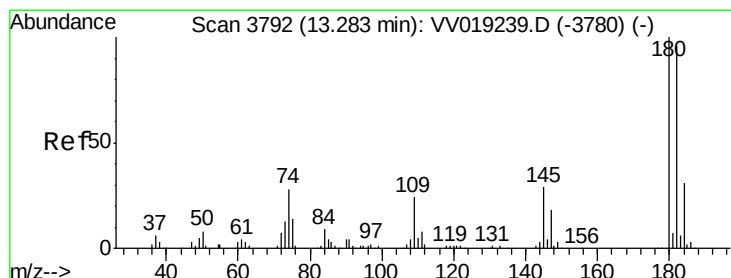
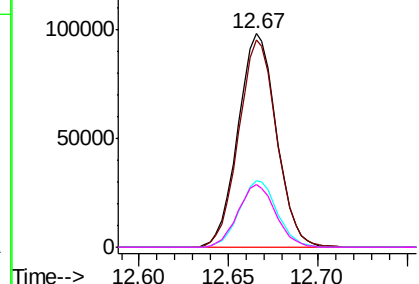
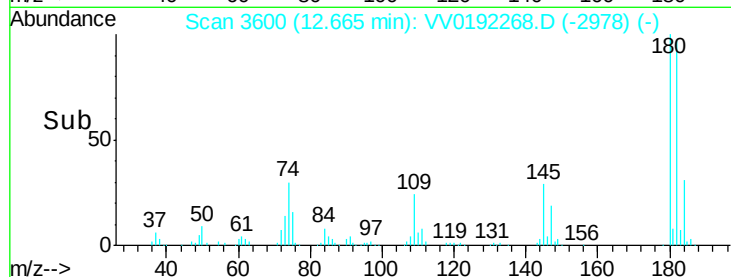


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

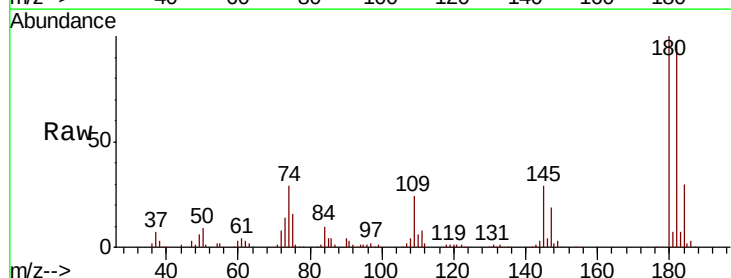
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 44.523 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV0192268.D
 Acq: 05 Nov 2020 10:04

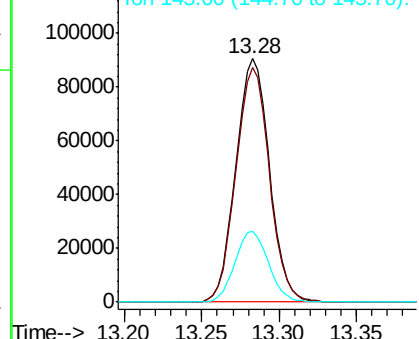
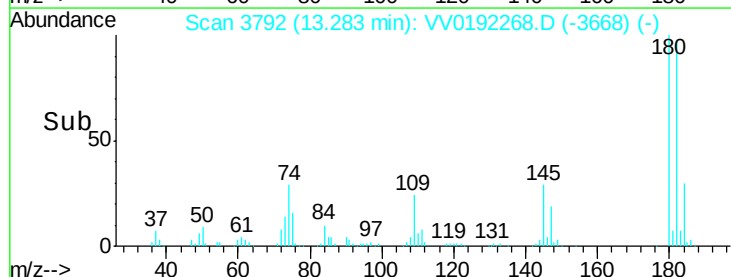
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	29.0	22.6	34.0

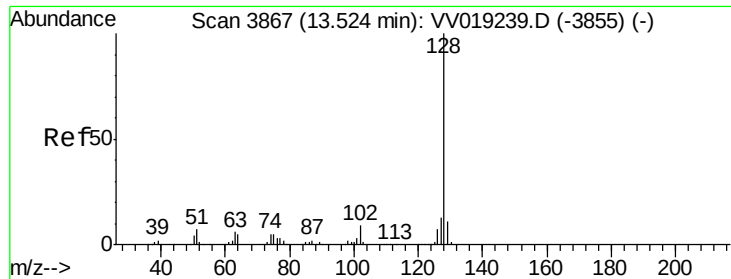


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 44.878 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

Instrument :

MSVOA_V

ClientSampleId :

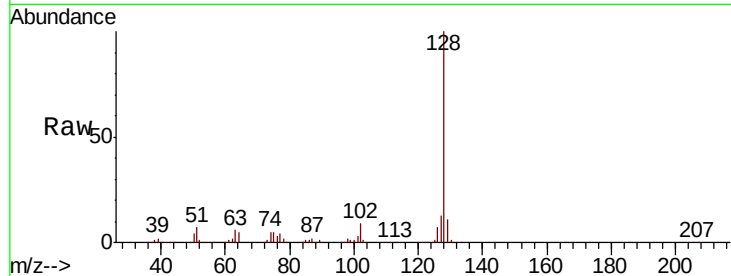
Tot Ion:128 Resp: 385096

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

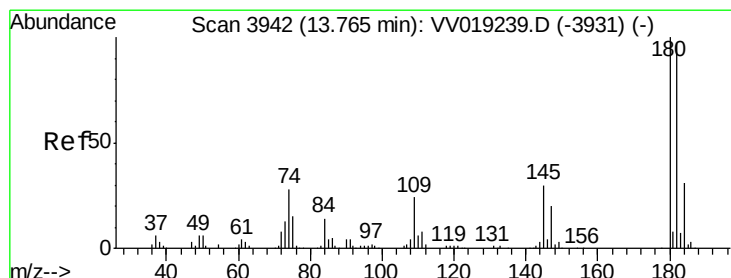
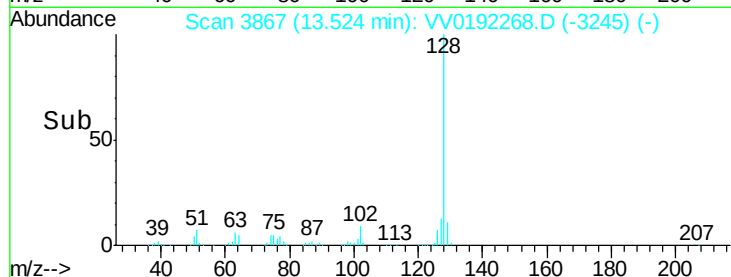
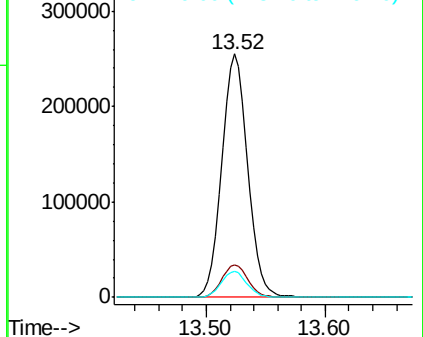
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 46.113 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV0192268.D

Acq: 05 Nov 2020 10:04

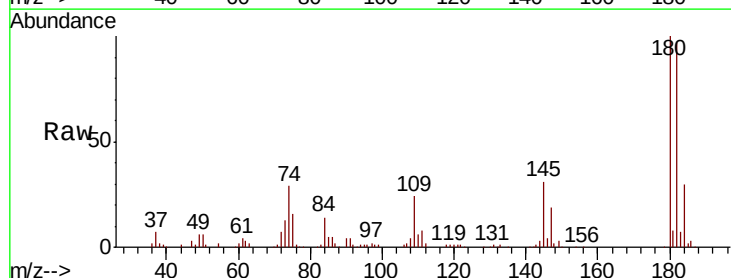
Tgt Ion:180 Resp: 138248

Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.4

145 31.4 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

