

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022445.D
 Acq On : 30 Sep 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Oct 01 02:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	230018	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227576	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	124624	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94004	48.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.320%
7) Chloroethane-d5	1.561	69	76219	49.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.740%
11) 1,1-Dichloroethene-d2	2.108	63	169069	49.815	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.640%
21) 2-Butanone-d5	3.873	46	127975	92.894	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.890%
24) Chloroform-d	4.349	84	165025	46.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
26) 1,2-Dichloroethane-d4	5.031	65	99582	46.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
32) Benzene-d6	5.050	84	336811	47.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	6.072	67	104562	45.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.300%
41) Toluene-d8	7.317	98	316787	48.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	7.622	79	46586	44.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.080%
47) 2-Hexanone-d5	8.088	63	89562	96.233	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.230%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	152922	45.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.980%
66) 1,2-Dichlorobenzene-d4	11.625	152	129745	46.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	112128	51.152	ug/L	99
3) Chloromethane	1.243	50	119010	53.087	ug/L	100
5) Vinyl chloride	1.310	62	113502	54.251	ug/L	99
6) Bromomethane	1.510	94	72445	53.943	ug/L	99
8) Chloroethane	1.577	64	72027	56.461	ug/L	97
9) Trichlorofluoromethane	1.748	101	156872	55.226	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86007	54.003	ug/L	98
12) 1,1-Dichloroethene	2.114	96	84346	55.749	ug/L	96
13) Acetone	2.159	43	91791	84.893	ug/L	97
14) Carbon disulfide	2.291	76	248681	52.677	ug/L	99
15) Methyl Acetate	2.426	43	112451	55.798	ug/L	100
16) Methylene chloride	2.503	84	106313	50.419	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	94307	54.049	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	284407	54.813	ug/L	99
19) 1,1-Dichloroethane	3.188	63	168154	53.391	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	100424	54.040	ug/L	96
22) 2-Butanone	3.957	43	141693	99.617	ug/L	95
23) Bromochloromethane	4.246	128	55830	55.416	ug/L	93
25) Chloroform	4.378	83	175189	53.997	ug/L	99

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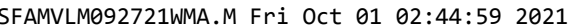
Instrument :
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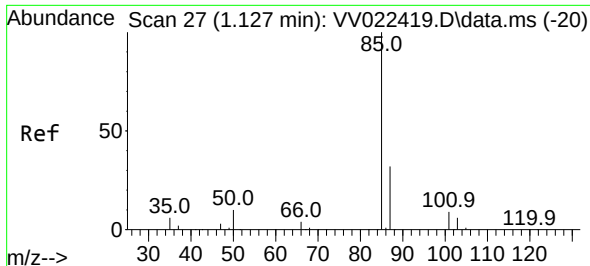
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	123082	53.350	ug/L	99
29) Cyclohexane	4.677	56	139973	52.490	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	148573	54.392	ug/L	99
31) Carbon tetrachloride	4.828	117	132026	54.882	ug/L	98
33) Benzene	5.098	78	383148	55.168	ug/L	100
34) Trichloroethene	5.915	95	94592	52.962	ug/L	95
35) Methylcyclohexane	6.133	83	143482	52.148	ug/L	100
37) 1,2-Dichloropropane	6.175	63	96724	54.267	ug/L	99
38) Bromodichloromethane	6.510	83	123565	54.220	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	136381	51.986	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	272819	108.778	ug/L	98
42) Toluene	7.387	91	410542	55.379	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	131935	52.672	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	97586	53.796	ug/L	99
46) Tetrachloroethene	7.976	164	79496	54.057	ug/L	98
48) 2-Hexanone	8.140	43	212363	111.495	ug/L	99
49) Dibromochloromethane	8.249	129	106578	55.524	ug/L	100
50) 1,2-Dibromoethane	8.352	107	105829	54.580	ug/L	98
51) Chlorobenzene	8.883	112	261921	53.704	ug/L	99
52) Ethylbenzene	9.014	91	426181	54.886	ug/L	100
53) m,p-Xylene	9.140	106	165136	55.224	ug/L	100
54) o-Xylene	9.545	106	164613	56.654	ug/L	96
55) Styrene	9.561	104	287217	56.856	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	160335	53.399	ug/L	99
59) Bromoform	9.731	173	77870	55.695	ug/L	98
60) Isopropylbenzene	9.934	105	428365	55.802	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	124148	53.396	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	355531	56.201	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	363107	56.880	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	209904	53.939	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	208118	52.506	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	218586	55.006	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	33638	54.791	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	145262	51.744	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	120583	50.764	ug/L	99
71) Naphthalene	13.503	128	384919	52.888	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	131813	53.746	ug/L	98

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

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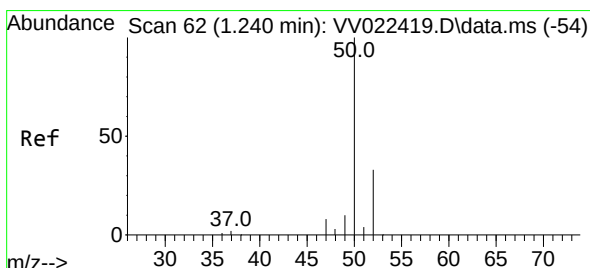
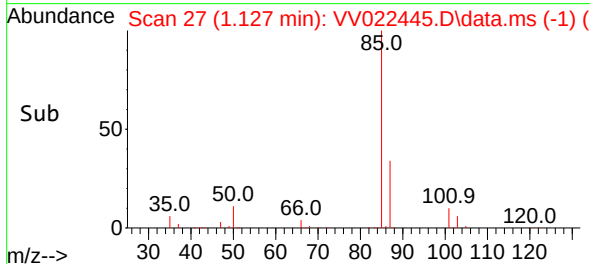
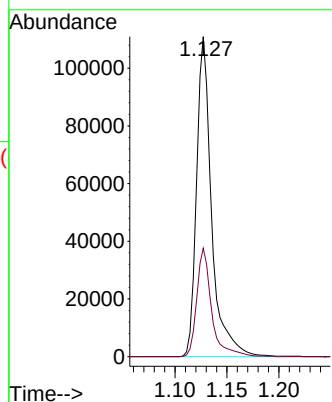
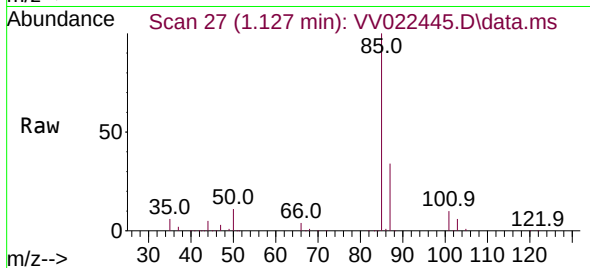




#2
 Dichlorodifluoromethane
 Concen: 51.152 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

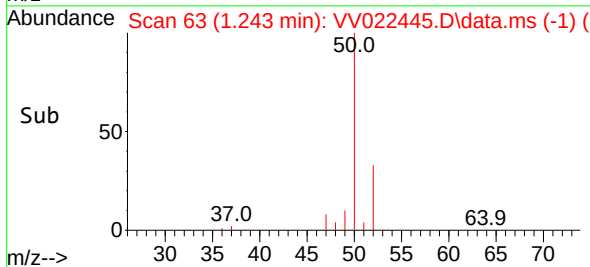
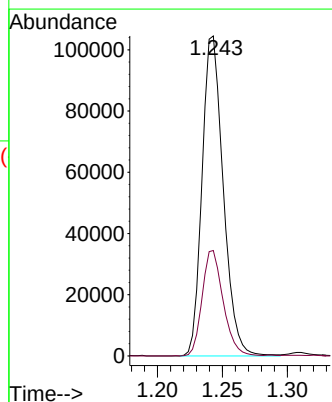
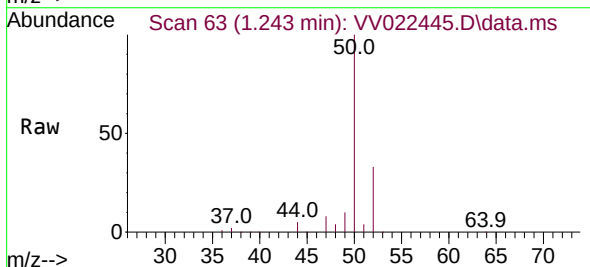
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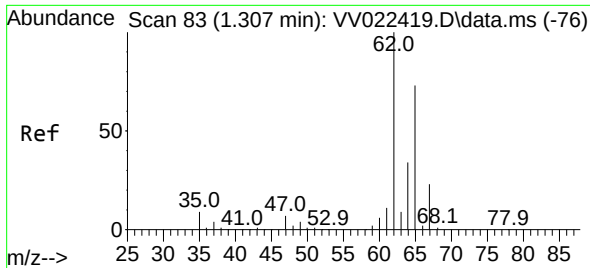
Tgt Ion: 85 Resp: 112128
 Ion Ratio Lower Upper
 85 100
 87 33.5 26.2 39.2



#3
 Chloromethane
 Concen: 53.087 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

Tgt Ion: 50 Resp: 119010
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6

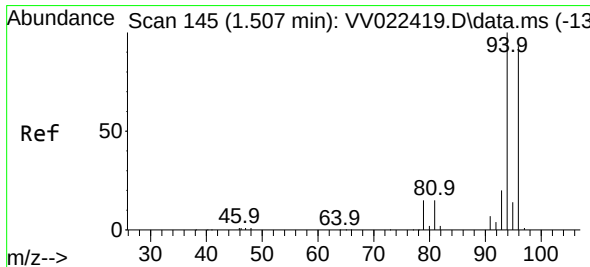
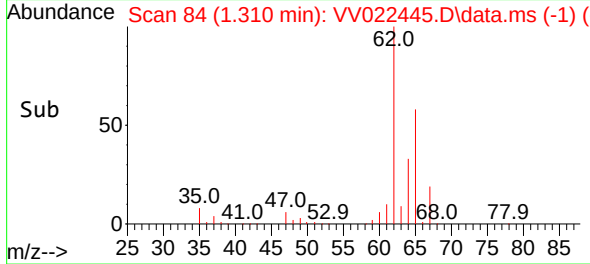
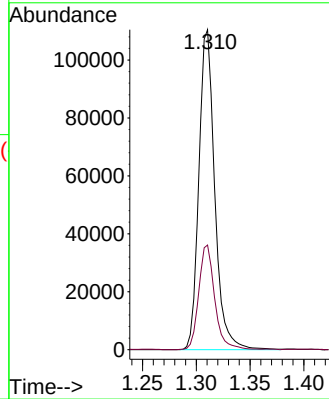
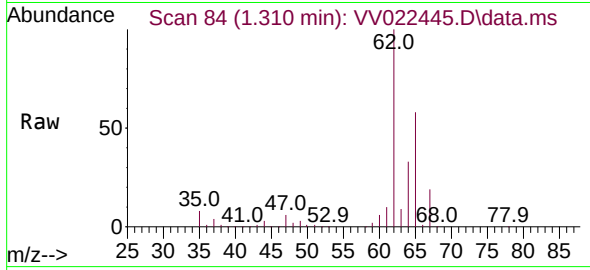




#5
 Vinyl chloride
 Concen: 54.251 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

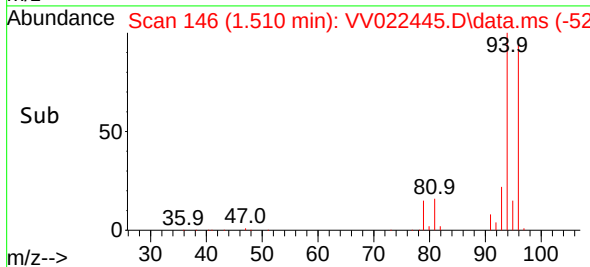
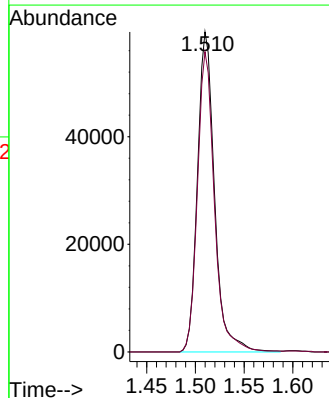
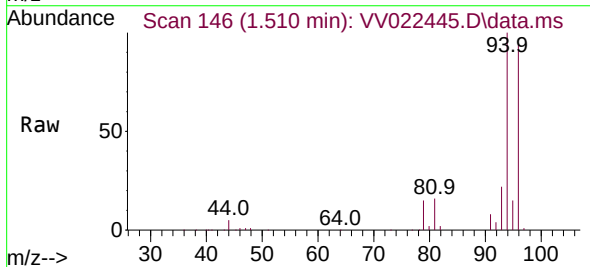
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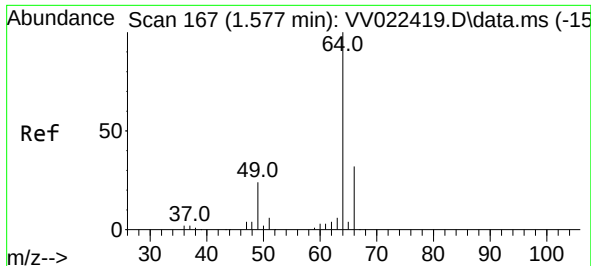
Tgt Ion: 62 Resp: 113502
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.6



#6
 Bromomethane
 Concen: 53.943 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

Tgt Ion: 94 Resp: 72445
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.1 122.8

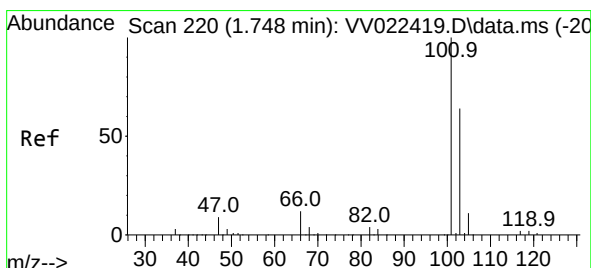
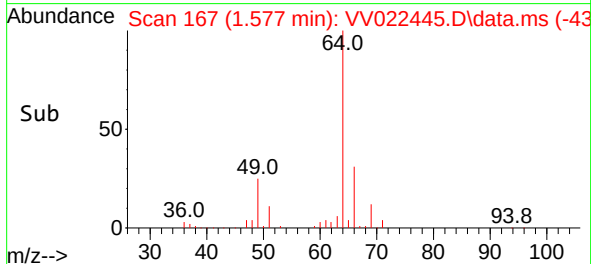
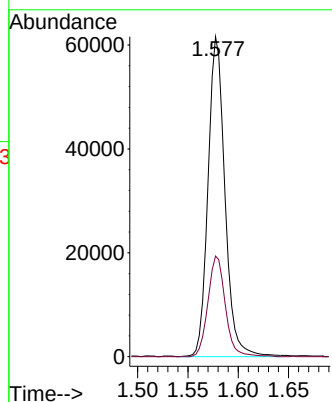
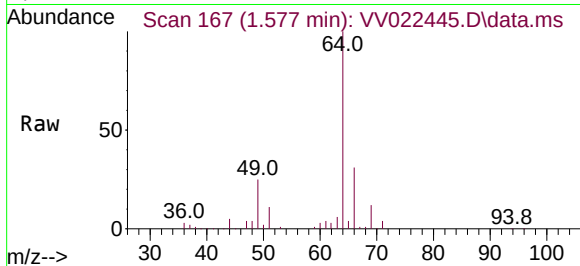




#8
Chloroethane
Concen: 56.461 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

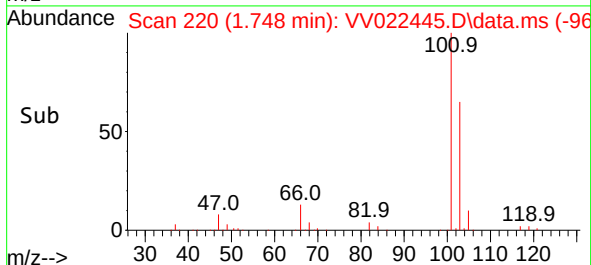
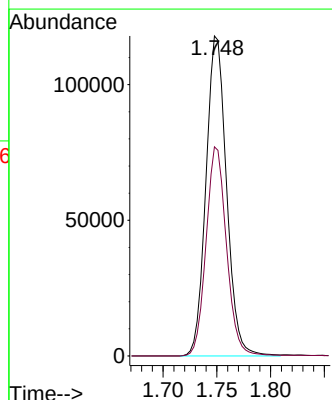
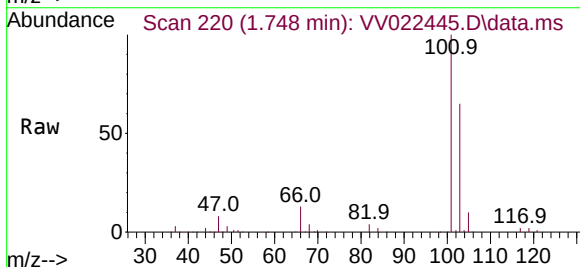
Instrument :
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ClientSampleId :
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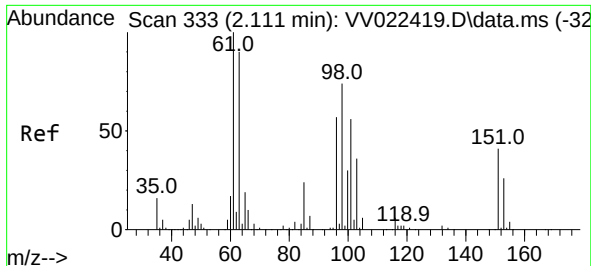
Tgt Ion: 64 Resp: 72027
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 55.226 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:101 Resp: 156872
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

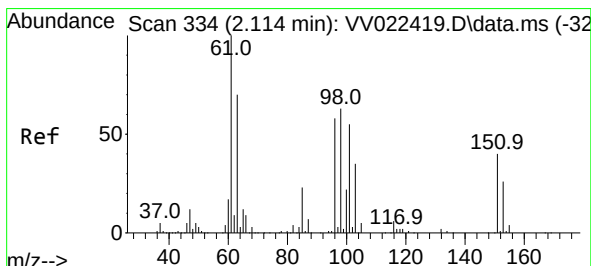
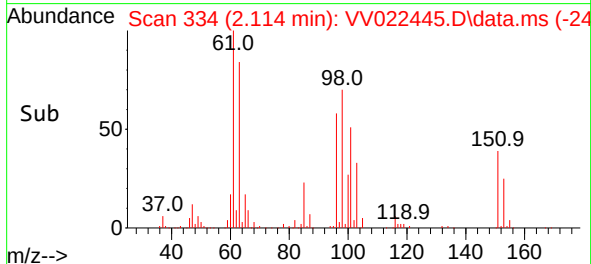
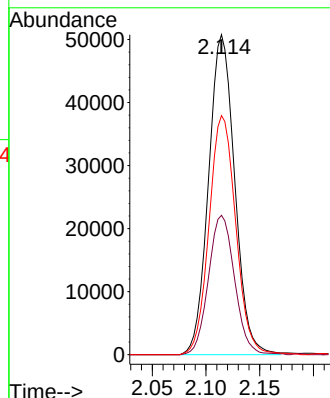
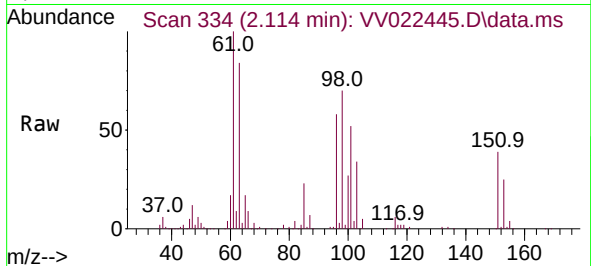




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.003 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

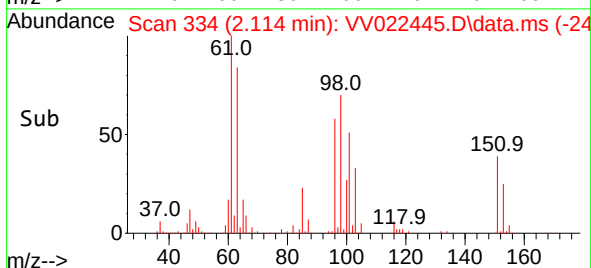
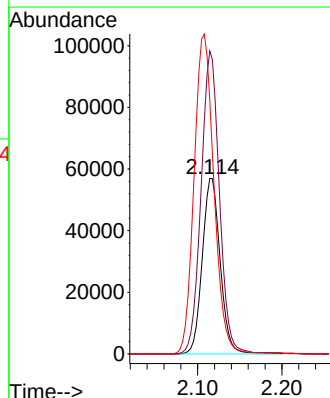
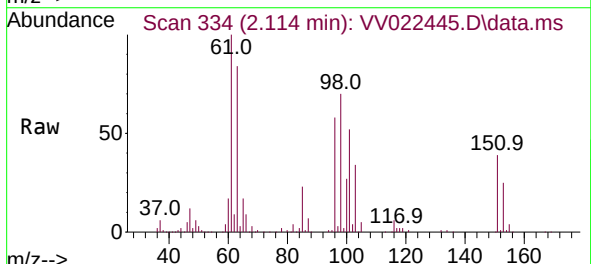
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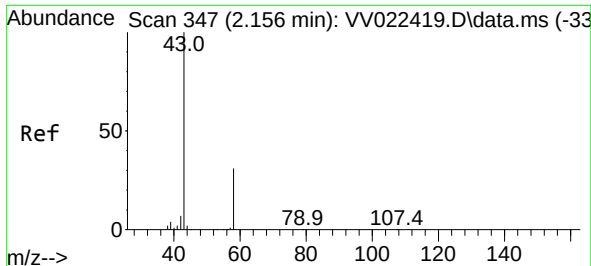
Tgt Ion:101 Resp: 86007
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 76.3 59.6 89.4



#12
1,1-Dichloroethene
Concen: 55.749 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 96 Resp: 84346
Ion Ratio Lower Upper
96 100
61 172.6 124.4 231.0
63 144.6 106.0 196.8

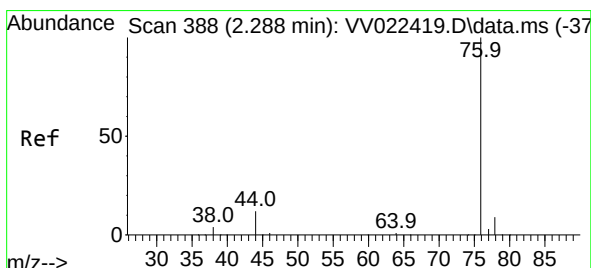
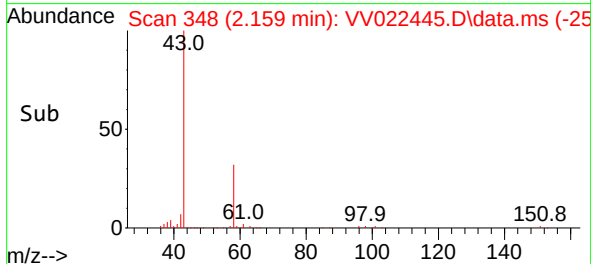
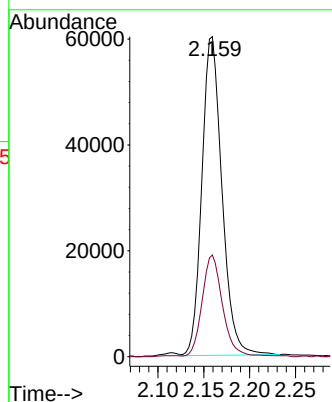
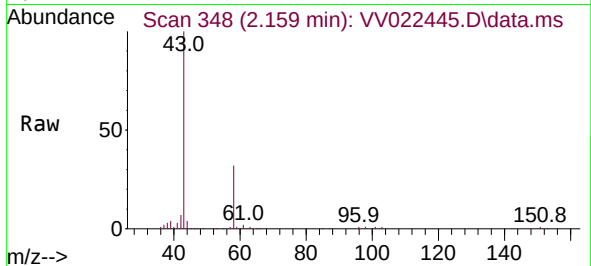




#13
Acetone
Concen: 84.893 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

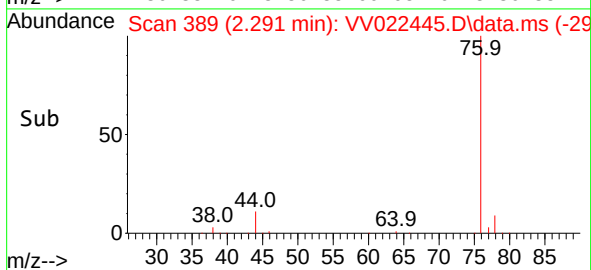
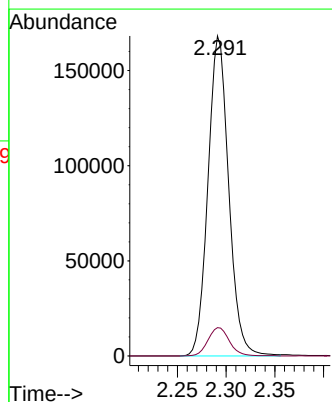
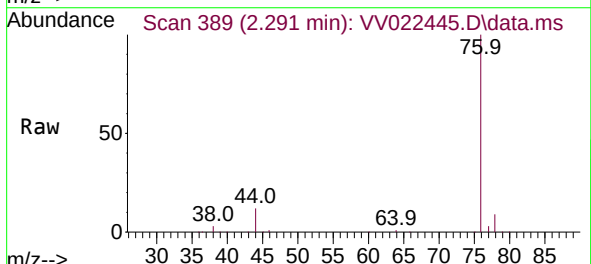
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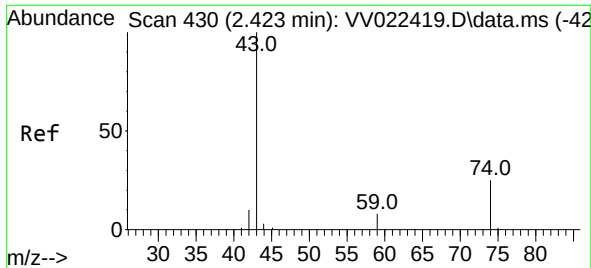
Tgt Ion: 43 Resp: 91791
Ion Ratio Lower Upper
43 100
58 31.9 0.0 67.2



#14
Carbon disulfide
Concen: 52.677 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 76 Resp: 248681
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

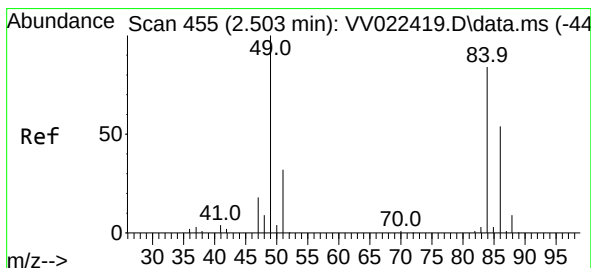
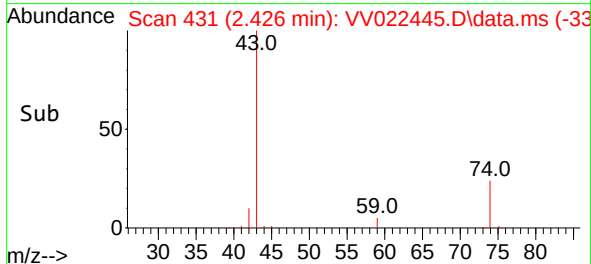
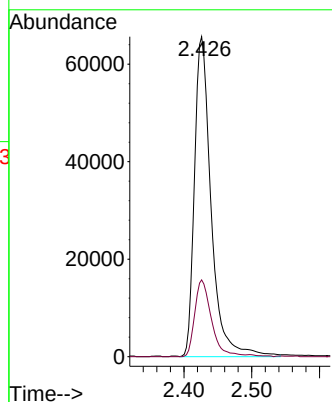
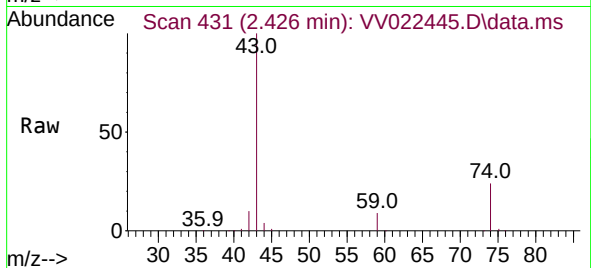




#15
Methyl Acetate
Concen: 55.798 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

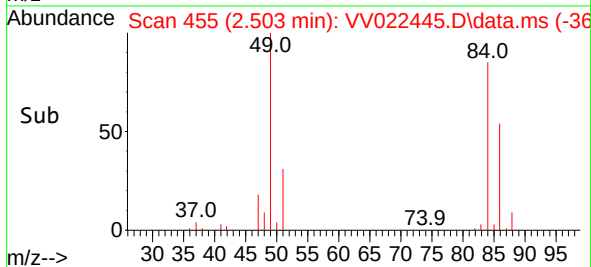
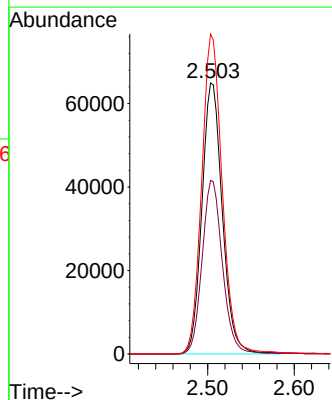
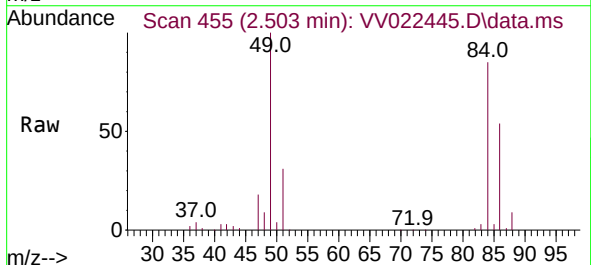
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

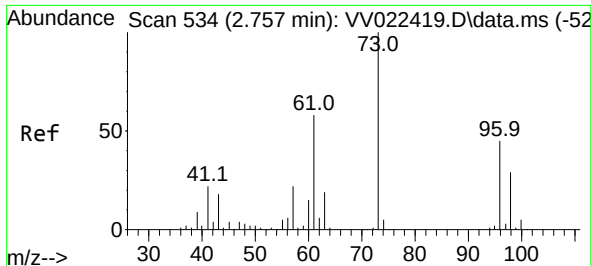
Tgt Ion: 43 Resp: 112451
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



#16
Methylene chloride
Concen: 50.419 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 84 Resp: 106313
Ion Ratio Lower Upper
84 100
86 64.0 44.6 82.8
49 118.0 85.3 158.3

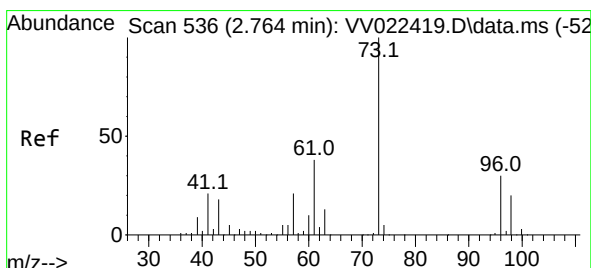
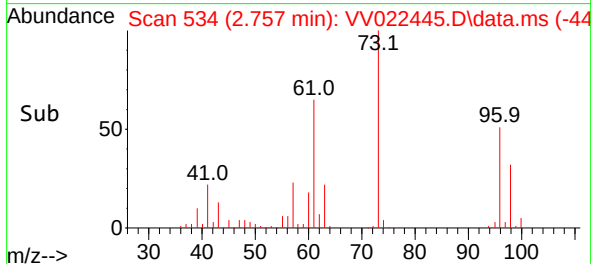
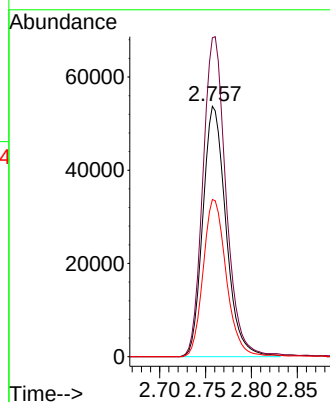
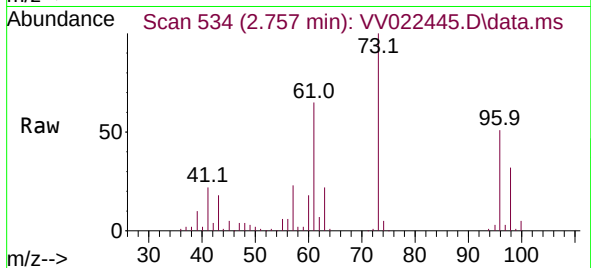




#17
trans-1,2-Dichloroethene
Concen: 54.049 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

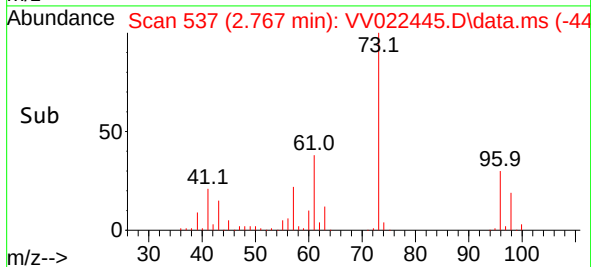
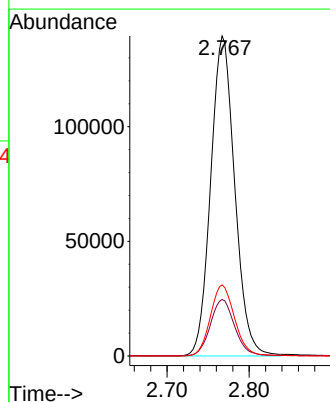
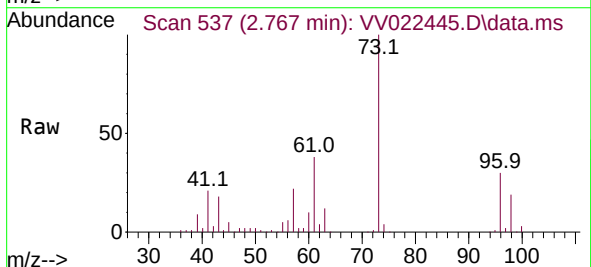
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

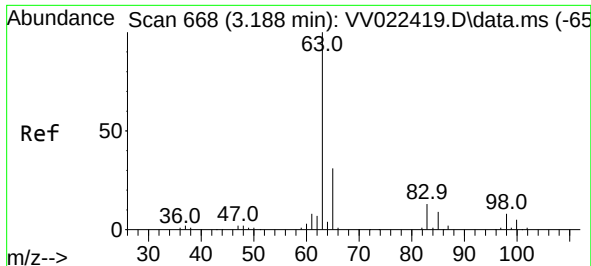
Tgt Ion: 96 Resp: 94307
Ion Ratio Lower Upper
96 100
61 127.3 92.7 172.1
98 62.8 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 54.813 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 73 Resp: 284407
Ion Ratio Lower Upper
73 100
43 17.8 14.6 21.8
57 22.4 17.6 26.4





#19

1,1-Dichloroethane

Concen: 53.391 ug/L

RT: 3.188 min Scan# 668

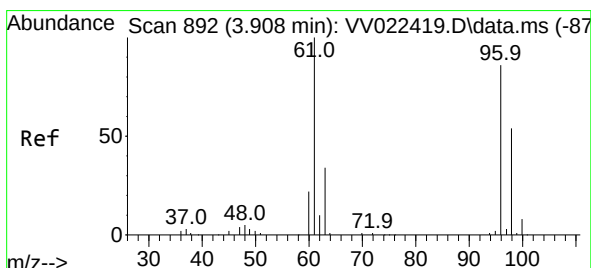
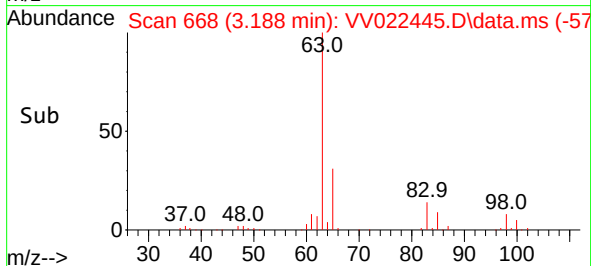
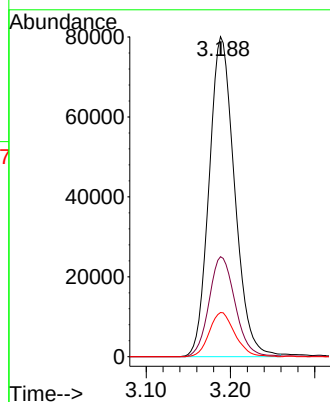
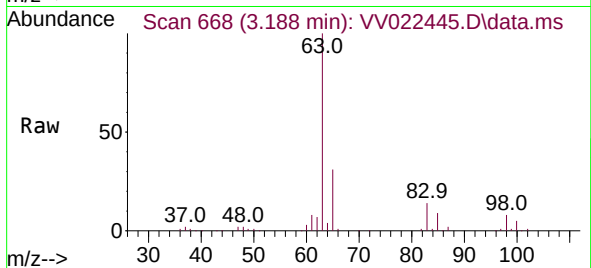
Delta R.T. 0.000 min

Lab File: VV022445.D

Acq: 30 Sep 2021 20:31

Tgt Ion:	63	Resp:	168154
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.3	41.3
83	13.8	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353



#20

cis-1,2-Dichloroethene

Concen: 54.040 ug/L

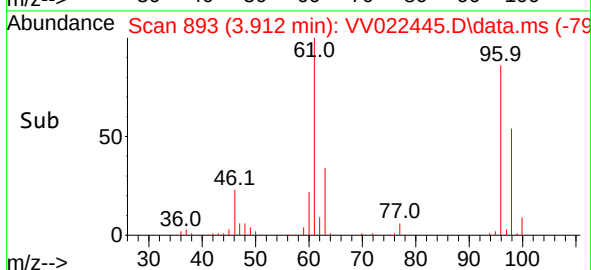
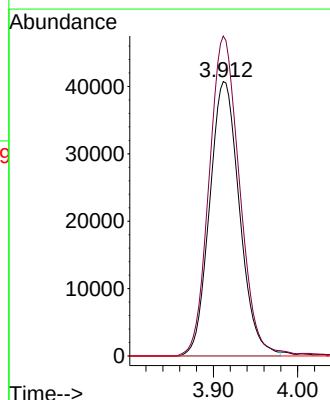
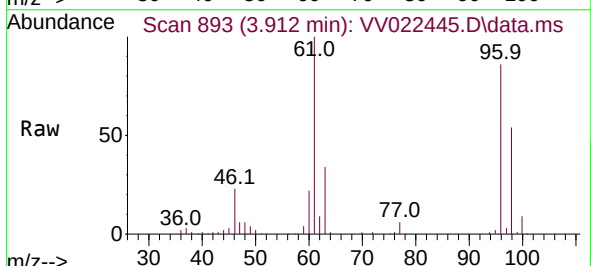
RT: 3.912 min Scan# 893

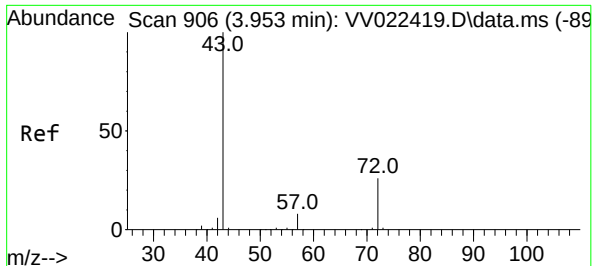
Delta R.T. 0.003 min

Lab File: VV022445.D

Acq: 30 Sep 2021 20:31

Tgt Ion:	96	Resp:	100424
Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.6	157.0
68	0.0	0.0	0.0

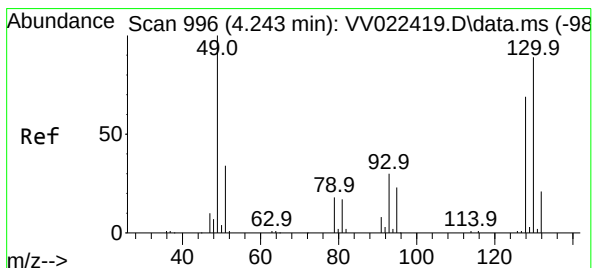
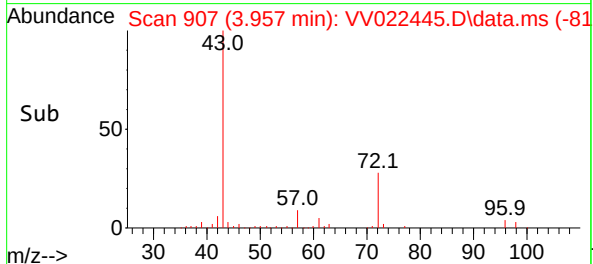
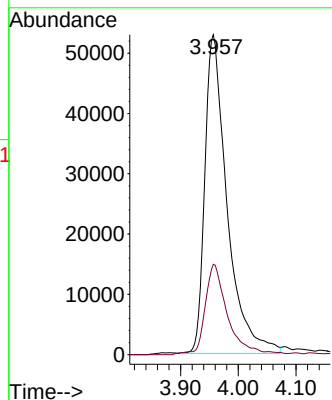
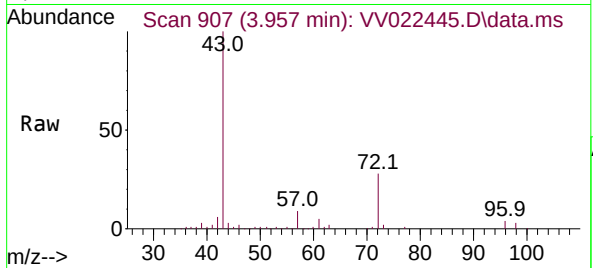




#22
2-Butanone
Concen: 99.617 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

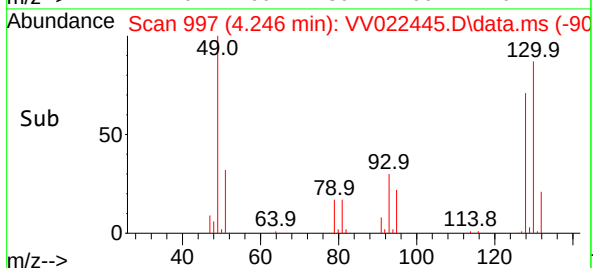
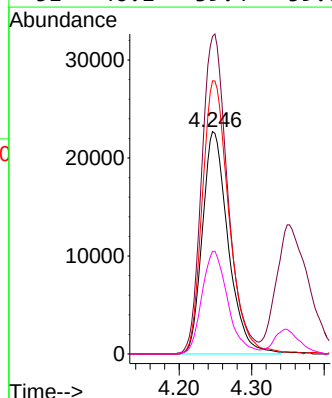
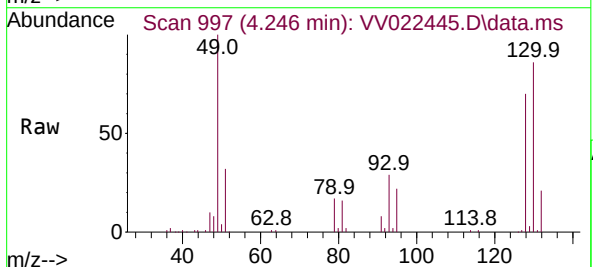
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

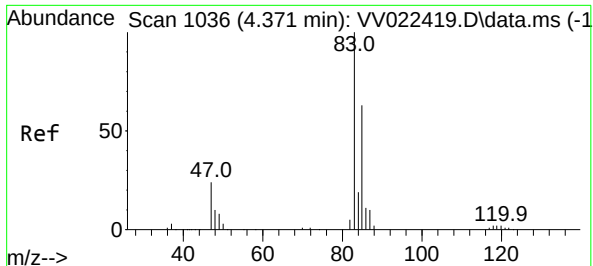
Tgt Ion: 43 Resp: 141693
Ion Ratio Lower Upper
43 100
72 24.8 13.8 41.4



#23
Bromochloromethane
Concen: 55.416 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:128 Resp: 55830
Ion Ratio Lower Upper
128 100
49 142.8 109.1 202.7
130 122.8 89.3 165.9
51 46.1 39.4 59.0





#25

Chloroform

Concen: 53.997 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022445.D

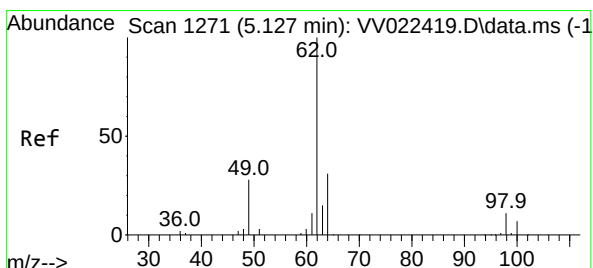
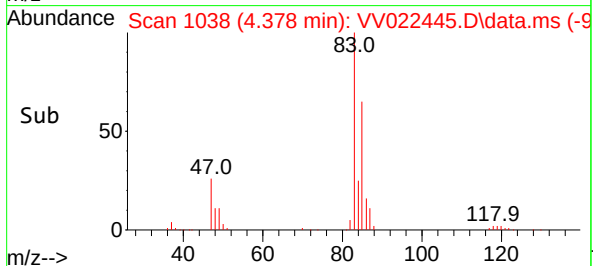
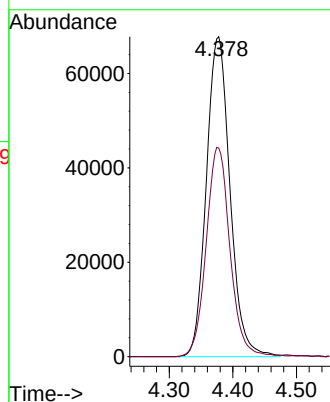
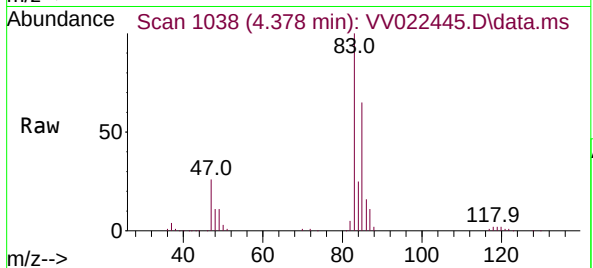
Acq: 30 Sep 2021 20:31

Tgt Ion: 83 Resp: 175189

Ion Ratio Lower Upper

83 100

85 65.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 53.350 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV022445.D

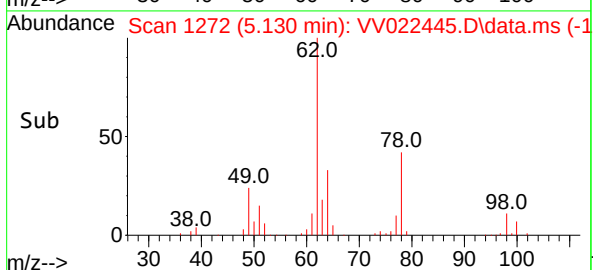
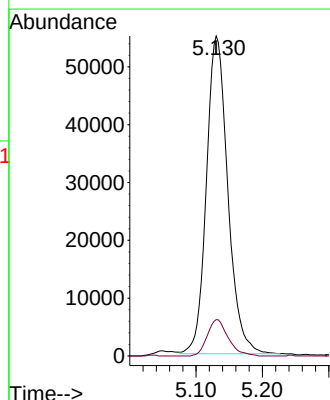
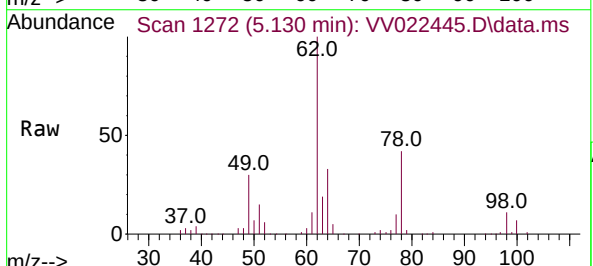
Acq: 30 Sep 2021 20:31

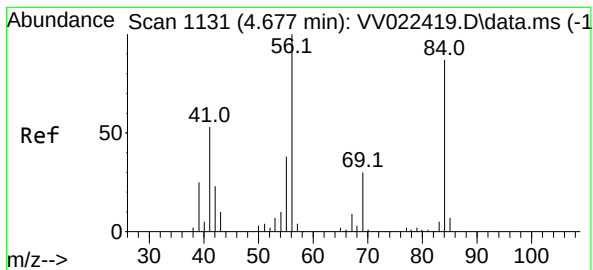
Tgt Ion: 62 Resp: 123082

Ion Ratio Lower Upper

62 100

98 11.4 8.9 13.3

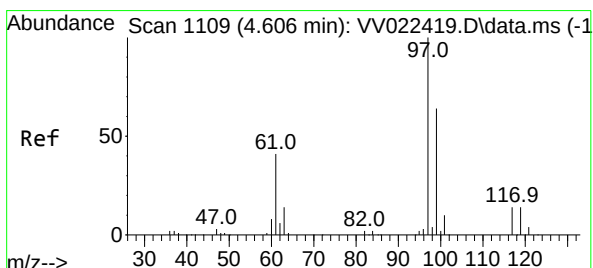
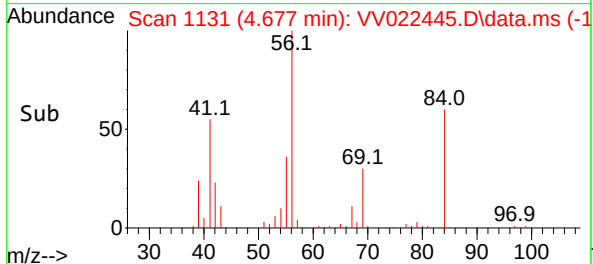
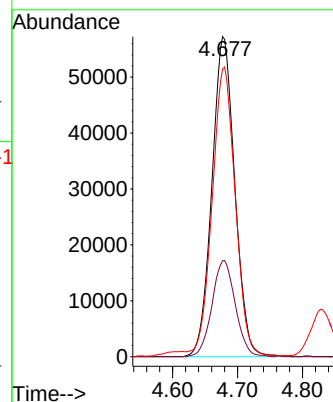
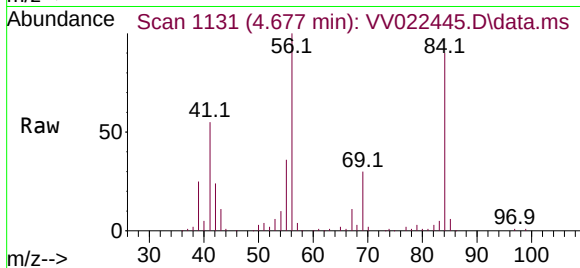




#29
Cyclohexane
Concen: 52.490 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

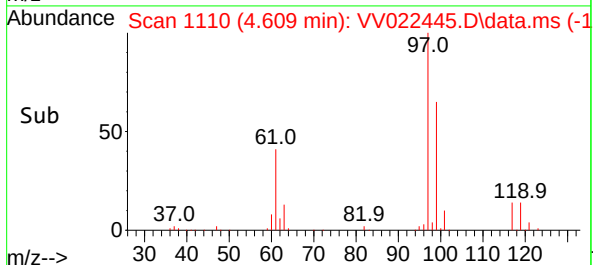
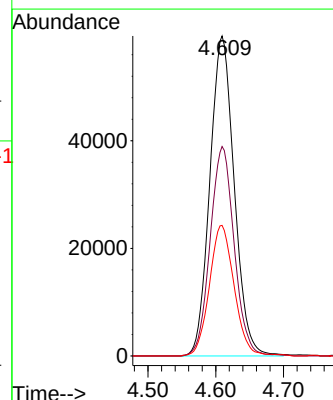
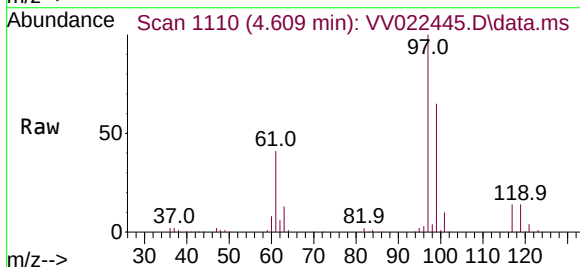
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

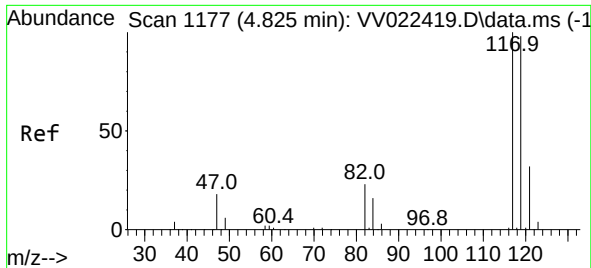
Tgt Ion:	56	Resp:	139973
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.6	37.0
84	90.9	71.8	107.8



#30
1,1,1-Trichloroethane
Concen: 54.392 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:	97	Resp:	148573
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	41.4	33.7	50.5

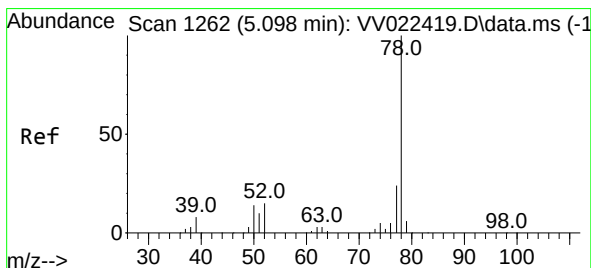
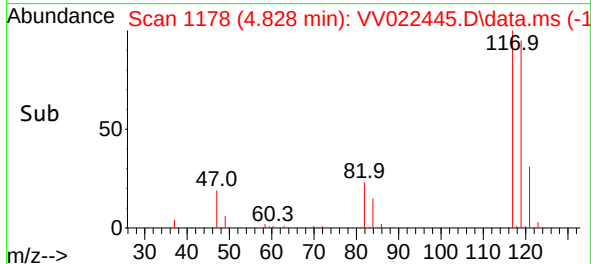
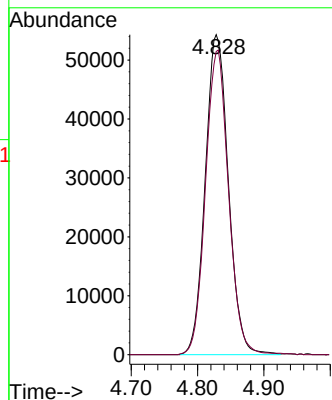
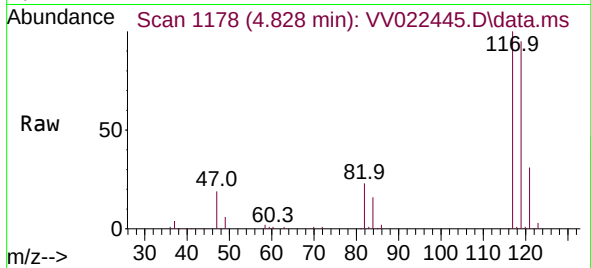




#31
Carbon tetrachloride
Concen: 54.882 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

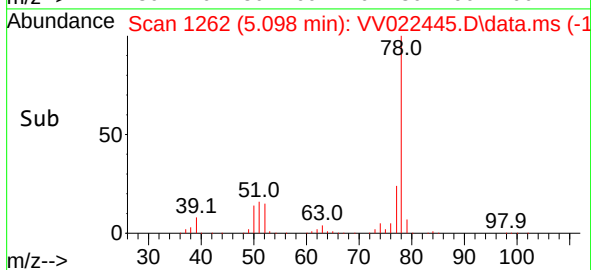
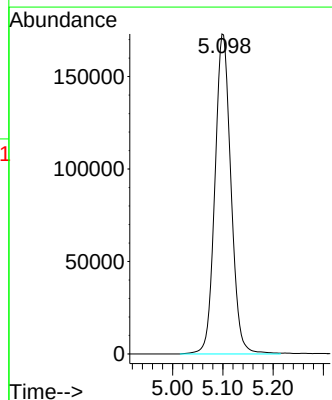
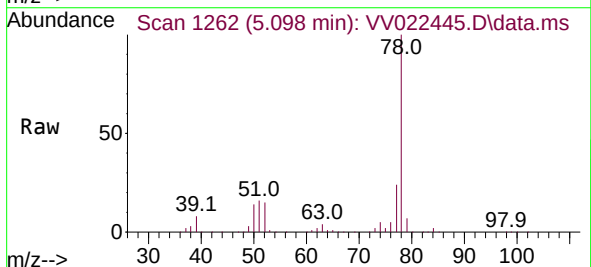
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

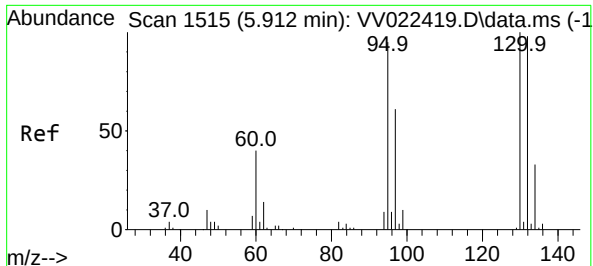
Tgt Ion:117 Resp: 132026
Ion Ratio Lower Upper
117 100
119 94.5 77.1 115.7



#33
Benzene
Concen: 55.168 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 78 Resp: 383148

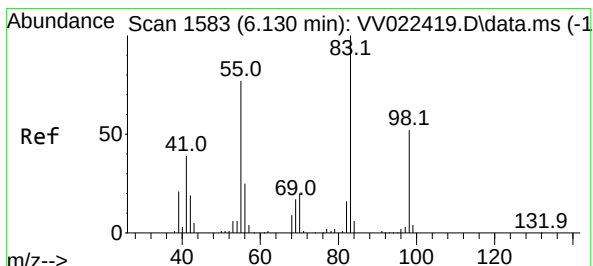
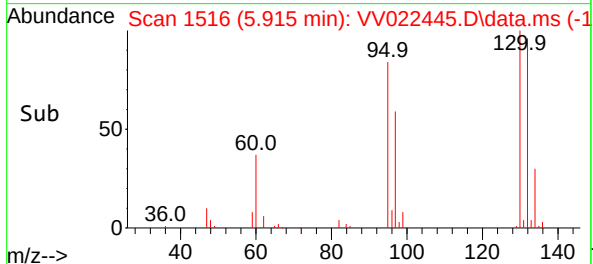
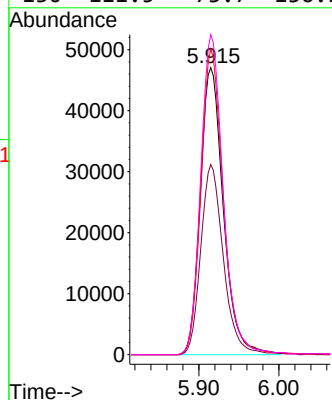
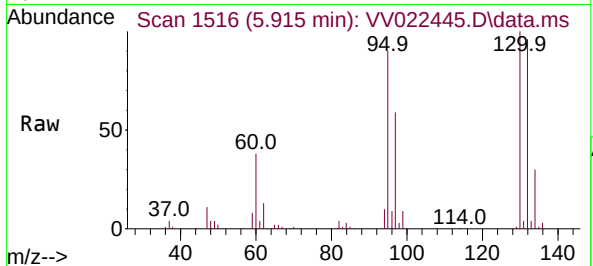




#34
Trichloroethene
Concen: 52.962 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

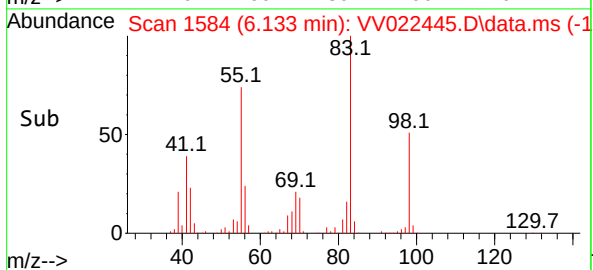
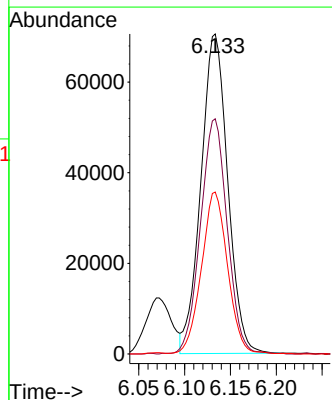
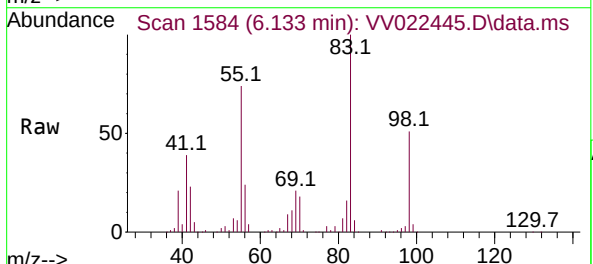
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

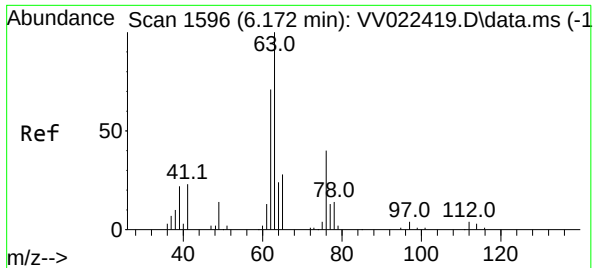
Tgt Ion: 95 Resp: 94592
Ion Ratio Lower Upper
95 100
97 66.2 45.2 84.0
132 106.5 71.0 131.8
130 111.5 73.7 136.9



#35
Methylcyclohexane
Concen: 52.148 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 83 Resp: 143482
Ion Ratio Lower Upper
83 100
55 72.9 58.6 87.8
98 48.7 39.2 58.8

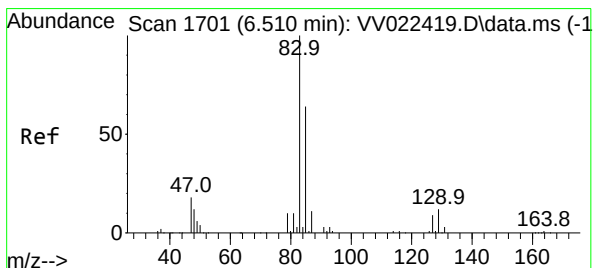
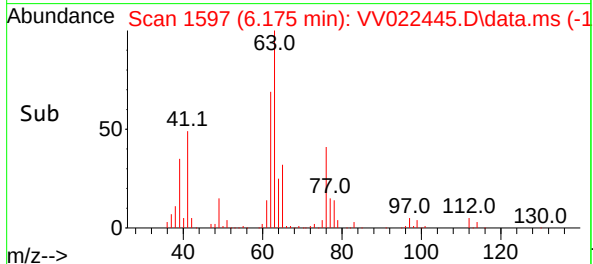
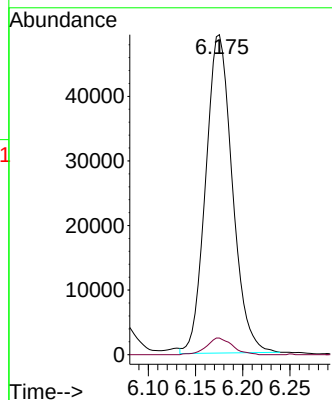
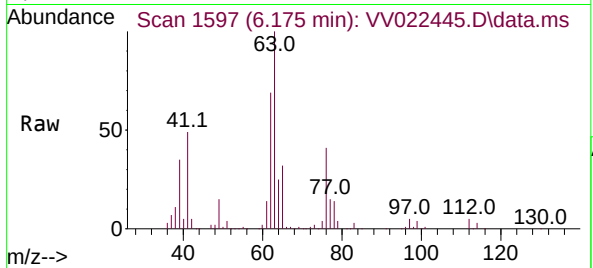




#37
1,2-Dichloropropane
Concen: 54.267 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

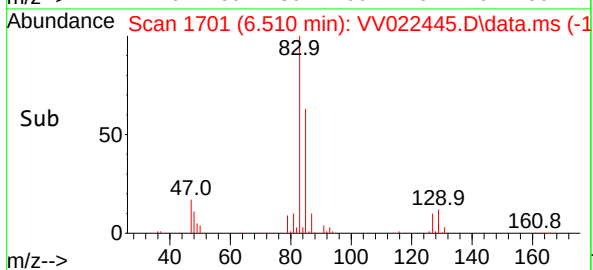
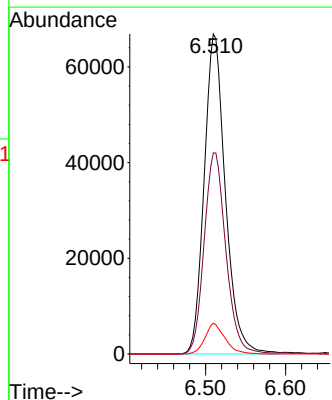
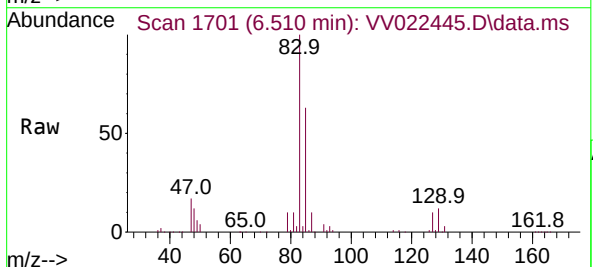
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

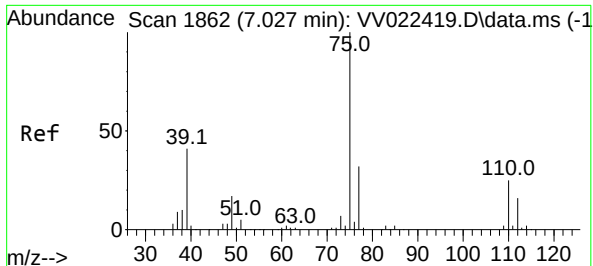
Tgt Ion: 63 Resp: 96724
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 54.220 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 83 Resp: 123565
Ion Ratio Lower Upper
83 100
85 62.9 43.2 80.2
127 9.6 6.6 10.0



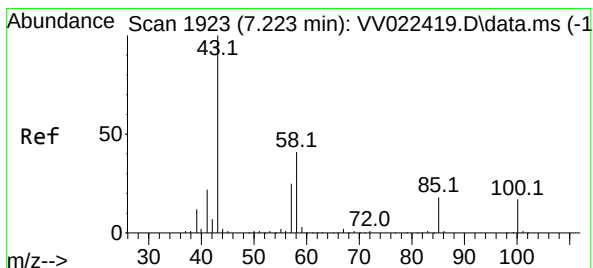
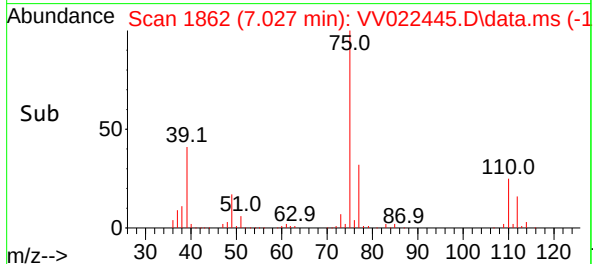
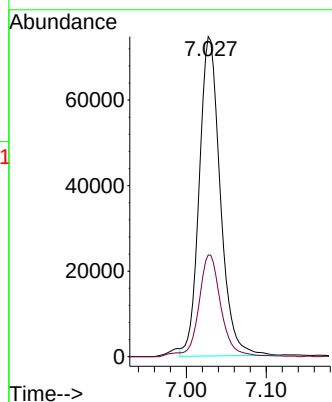
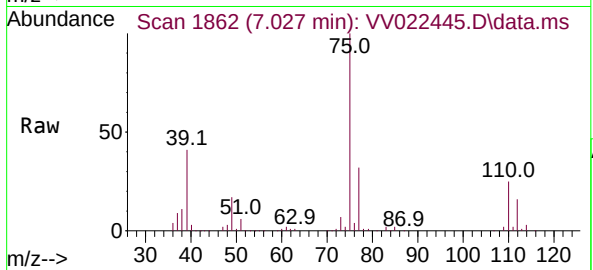


#39

cis-1,3-Dichloropropene
Concen: 51.986 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

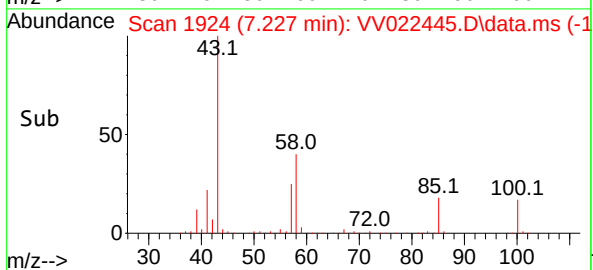
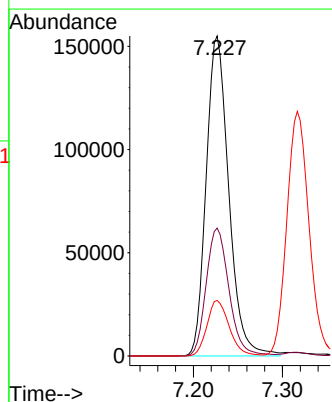
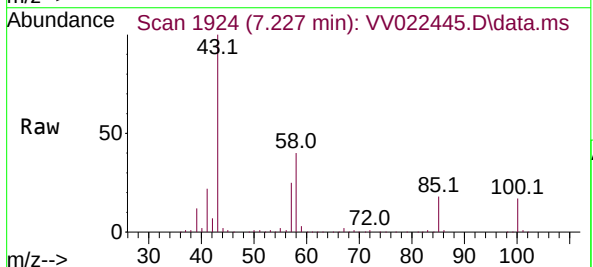
Tgt Ion: 75 Resp: 136381
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1

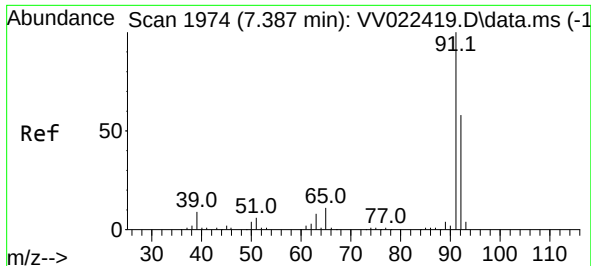


#40

4-Methyl-2-pentanone
Concen: 108.778 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 43 Resp: 272819
Ion Ratio Lower Upper
43 100
58 40.4 31.6 47.4
100 17.1 13.1 19.7

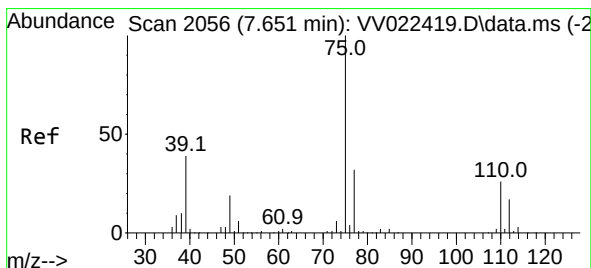
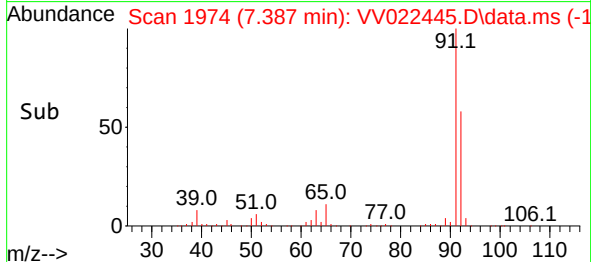
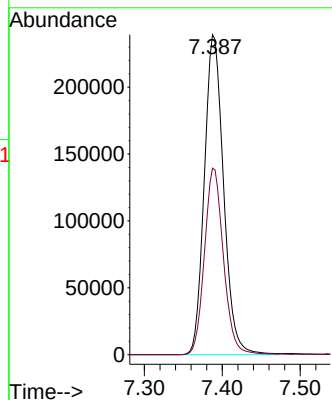
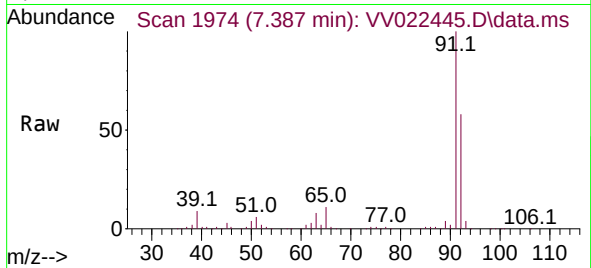




#42
Toluene
Concen: 55.379 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

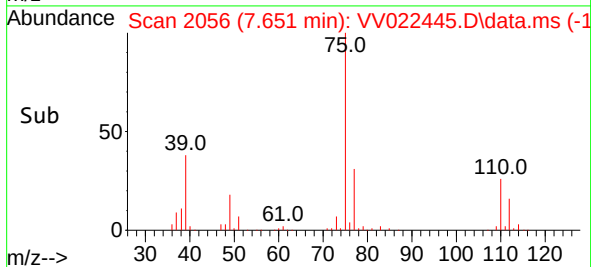
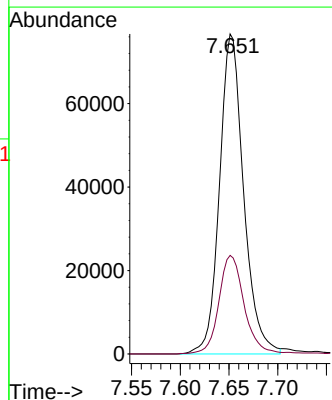
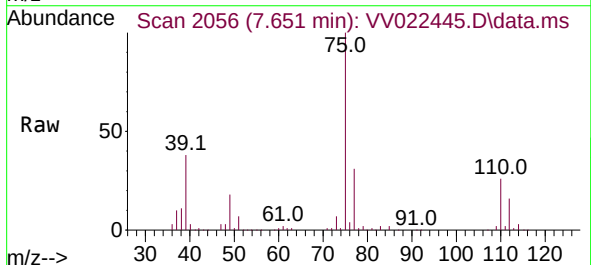
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

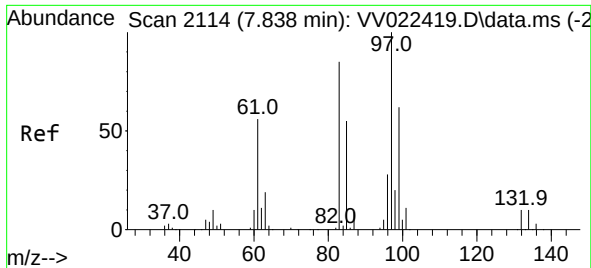
Tgt Ion: 91 Resp: 410542
Ion Ratio Lower Upper
91 100
92 58.3 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 52.672 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 75 Resp: 131935
Ion Ratio Lower Upper
75 100
77 30.8 22.3 41.3

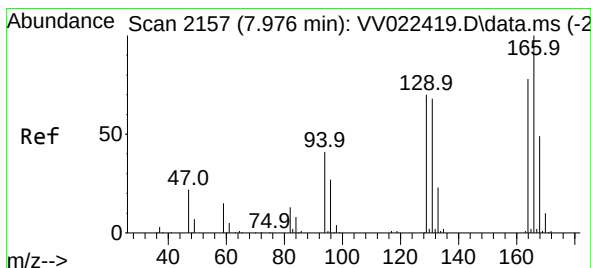
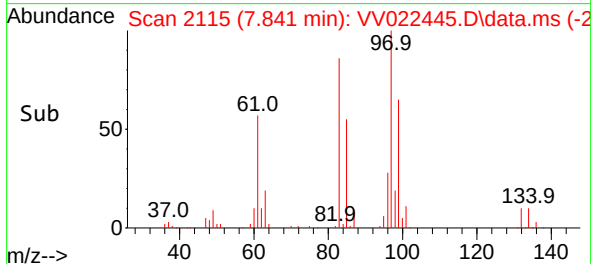
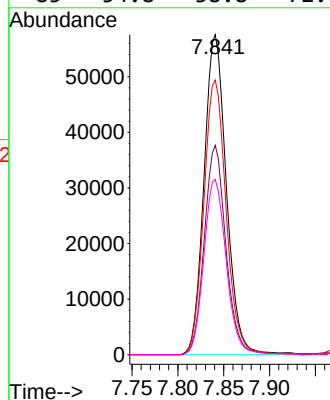
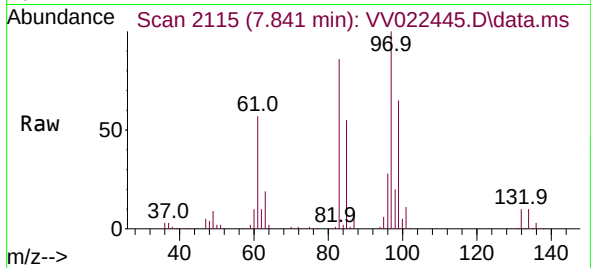




#45
1,1,2-Trichloroethane
Concen: 53.796 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

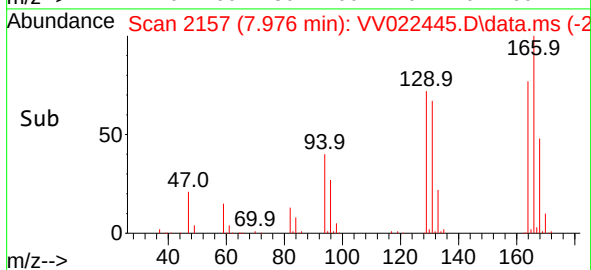
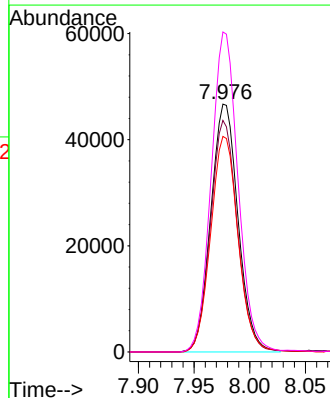
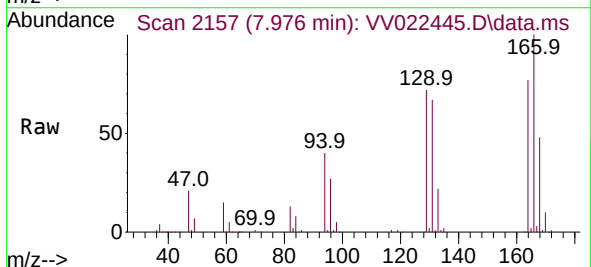
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

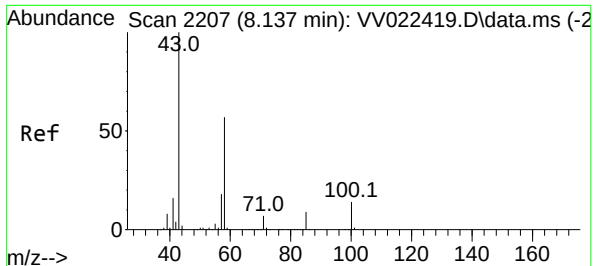
Tgt Ion:	97	Resp:	97586
Ion	Ratio	Lower	Upper
97	100		
99	65.4	44.6	82.8
83	85.8	59.8	111.1
85	54.8	38.8	72.0



#46
Tetrachloroethene
Concen: 54.057 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:	164	Resp:	79496
Ion	Ratio	Lower	Upper
164	100		
129	93.4	66.4	123.4
131	87.0	63.6	118.0
166	129.1	91.6	170.0

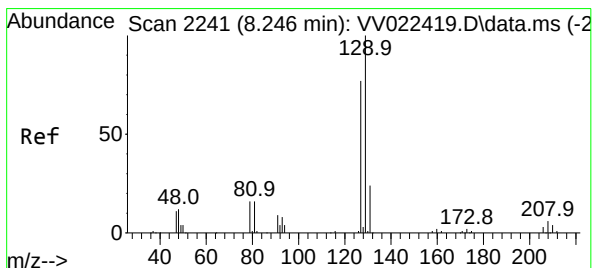
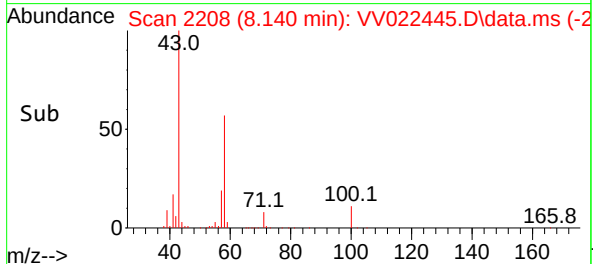
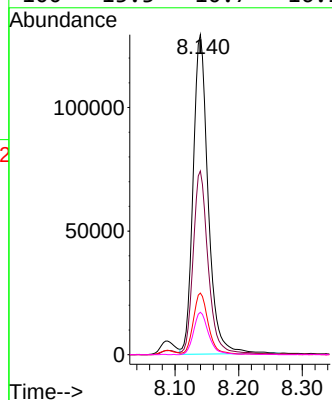
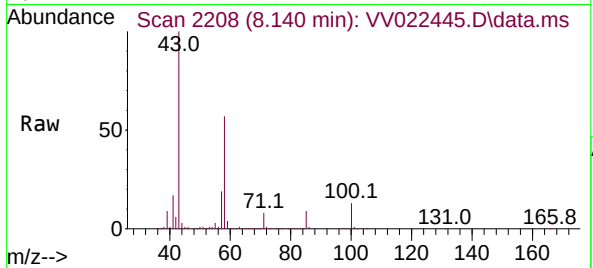




#48
2-Hexanone
Concen: 111.495 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

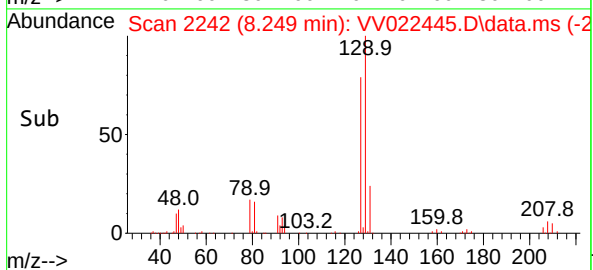
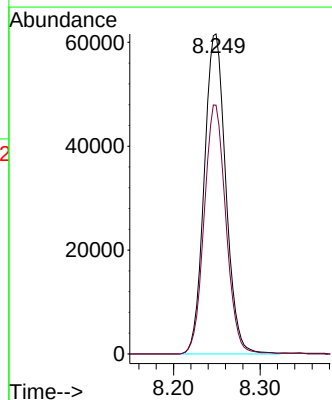
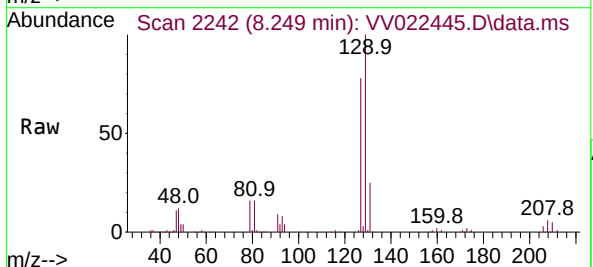
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

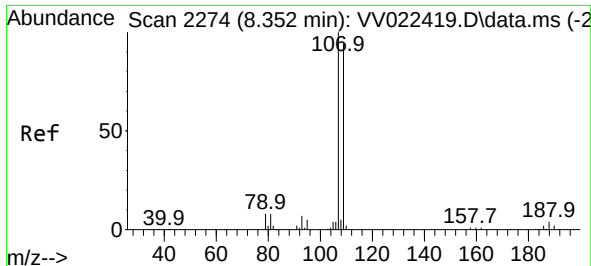
Tgt Ion: 43 Resp: 212363
Ion Ratio Lower Upper
43 100
58 55.8 45.4 68.2
57 19.4 15.0 22.4
100 13.3 10.7 16.1



#49
Dibromochloromethane
Concen: 55.524 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 129 Resp: 106578
Ion Ratio Lower Upper
129 100
127 77.8 54.7 101.7





#50

1,2-Dibromoethane

Concen: 54.580 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV022445.D

Acq: 30 Sep 2021 20:31

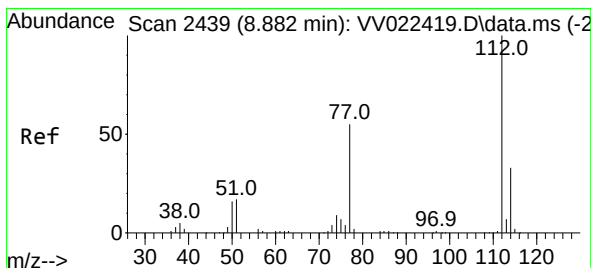
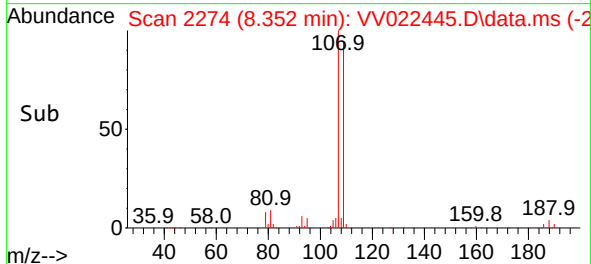
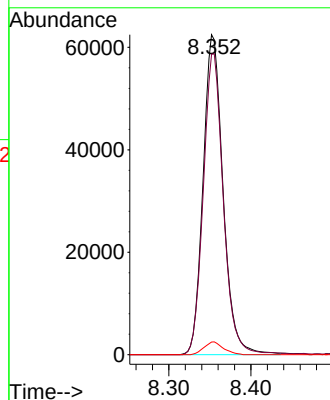
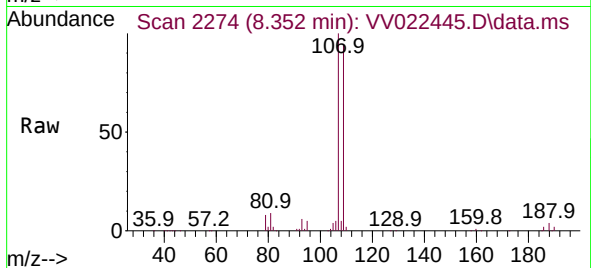
Instrument :

MSVOA_V

ClientSampleId :

VSTD050353

Tgt Ion:	107	Resp:	105829
Ion	Ratio	Lower	Upper
107	100		
109	93.9	64.7	120.1
188	3.9	2.9	4.3



#51

Chlorobenzene

Concen: 53.704 ug/L

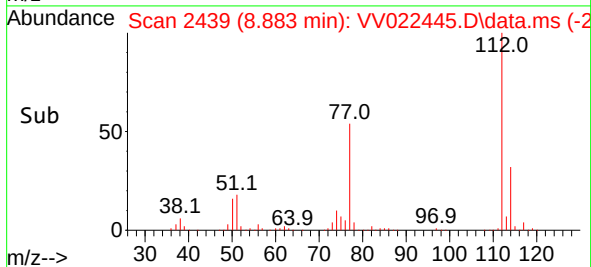
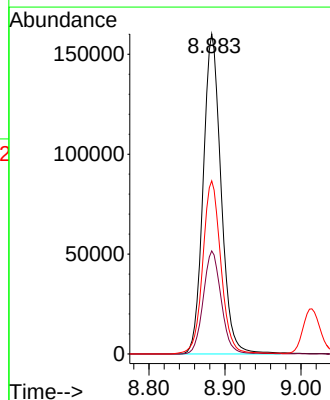
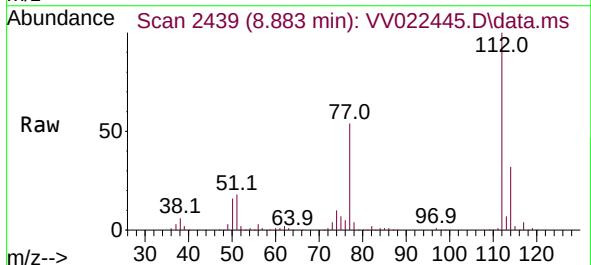
RT: 8.883 min Scan# 2439

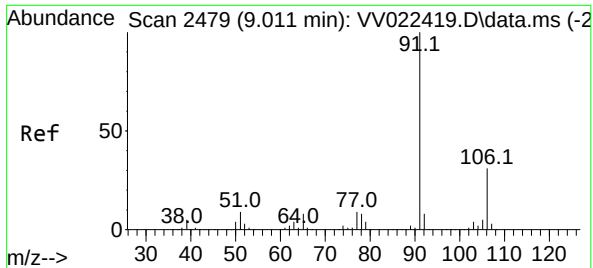
Delta R.T. 0.000 min

Lab File: VV022445.D

Acq: 30 Sep 2021 20:31

Tgt Ion:	112	Resp:	261921
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.1
77	54.1	43.9	65.9

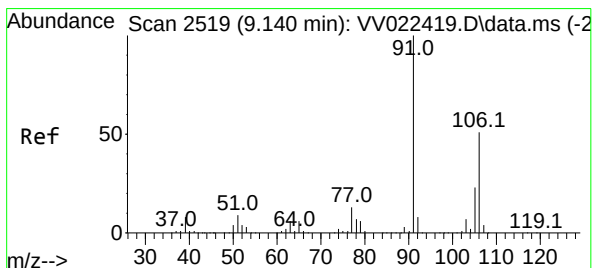
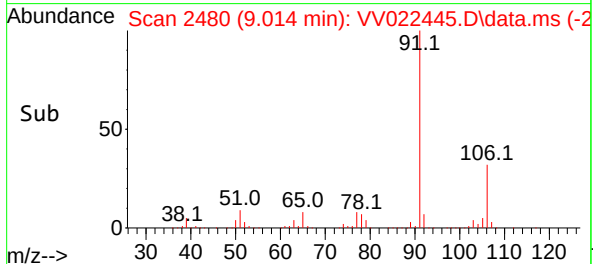
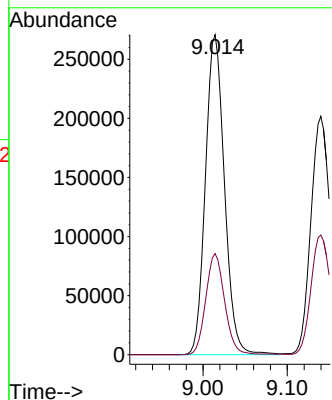
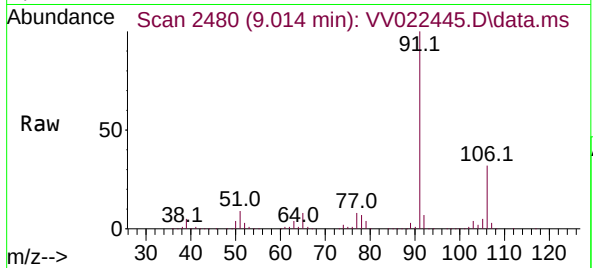




#52
Ethylbenzene
Concen: 54.886 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

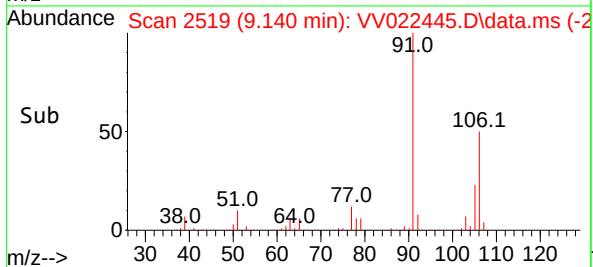
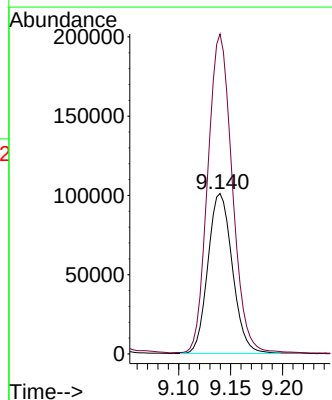
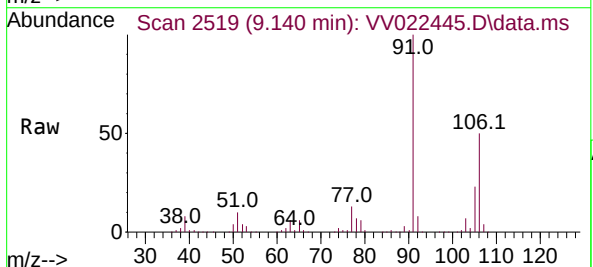
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

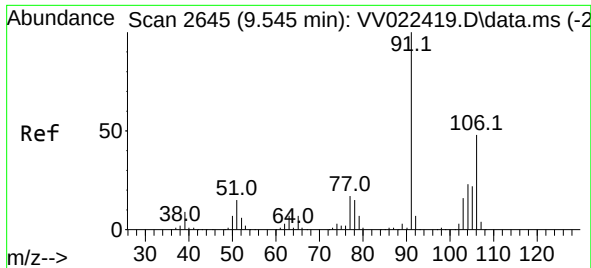
Tgt Ion: 91 Resp: 426181
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 55.224 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 106 Resp: 165136
Ion Ratio Lower Upper
106 100
91 199.4 139.2 258.6

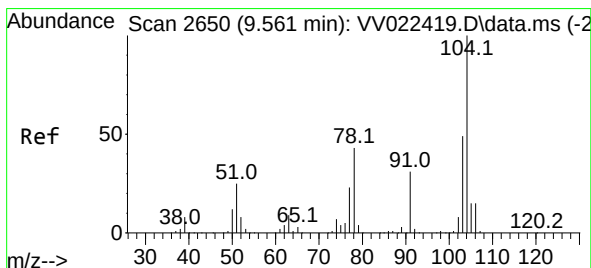
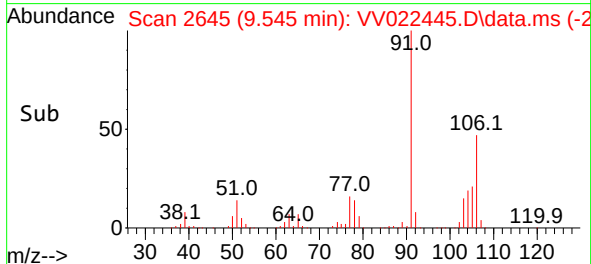
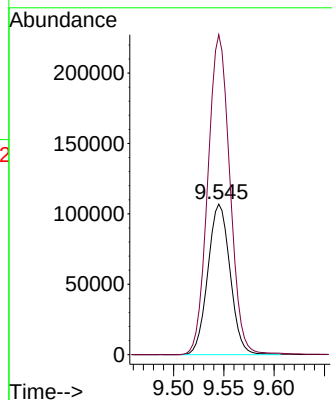
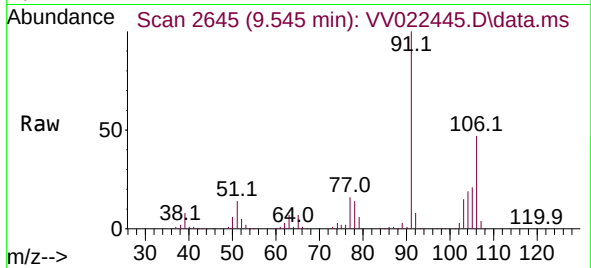




#54
o-Xylene
Concen: 56.654 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

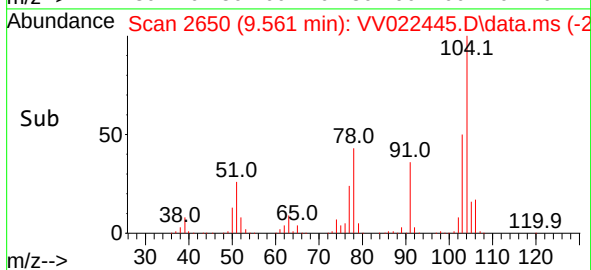
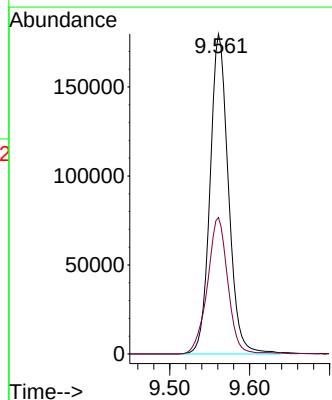
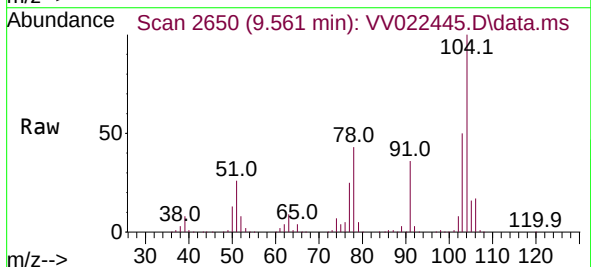
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

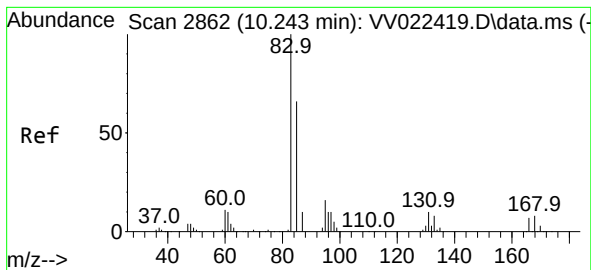
Tgt Ion:106 Resp: 164613
Ion Ratio Lower Upper
106 100
91 212.5 144.9 269.1



#55
Styrene
Concen: 56.856 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:104 Resp: 287217
Ion Ratio Lower Upper
104 100
78 42.7 28.6 53.2

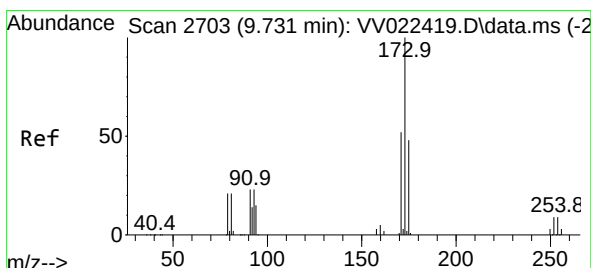
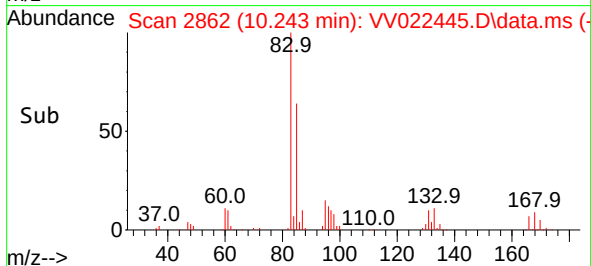
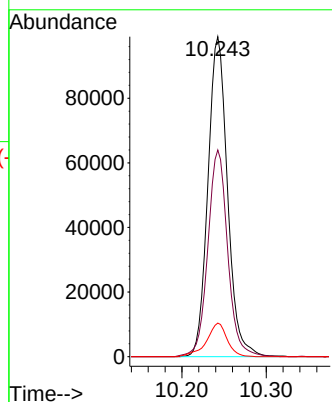
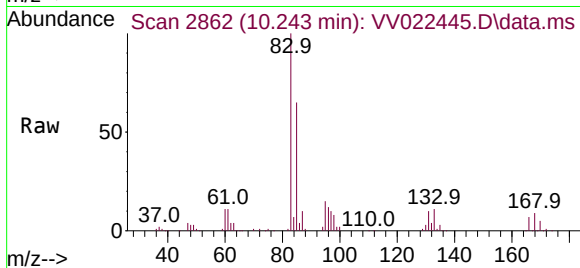




#57
1,1,2,2-Tetrachloroethane
Concen: 53.399 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

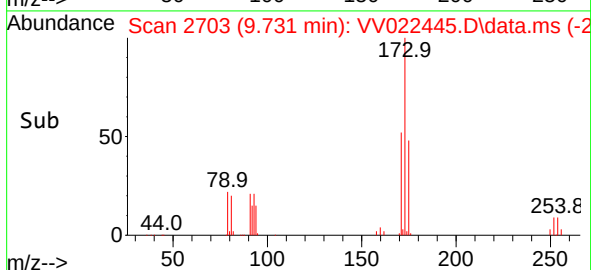
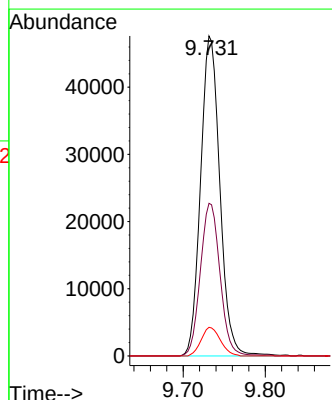
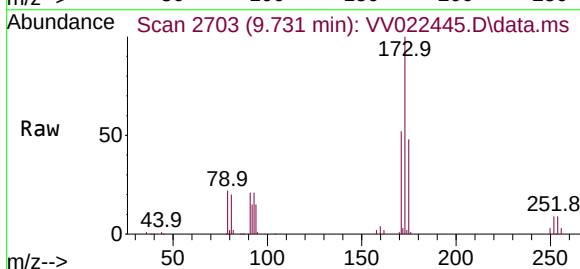
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

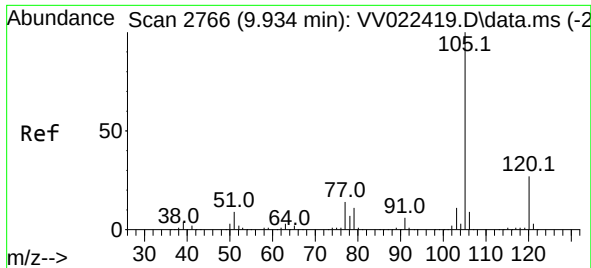
Tgt Ion:	83	Resp:	160335
Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.6	82.8
131	10.5	7.8	11.8



#59
Bromoform
Concen: 55.695 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:	173	Resp:	77870
Ion	Ratio	Lower	Upper
173	100		
175	48.6	40.1	60.1
254	9.0	6.9	10.3

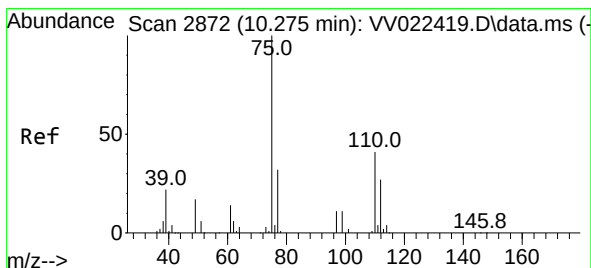
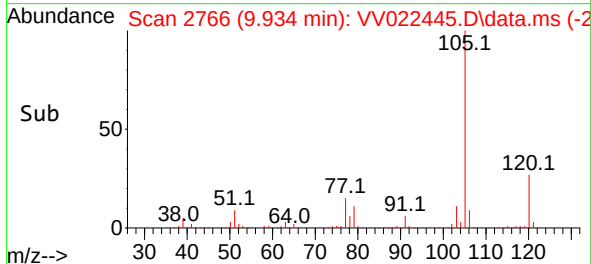
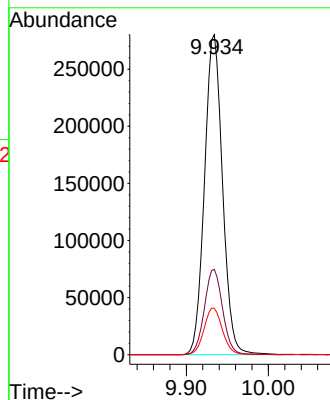
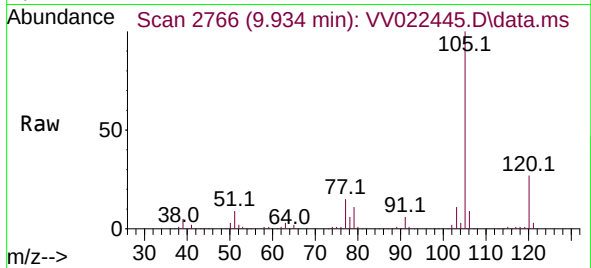




#60
Isopropylbenzene
Concen: 55.802 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

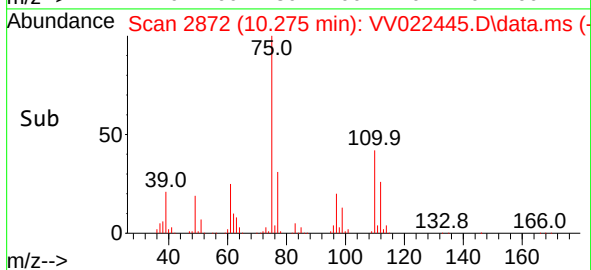
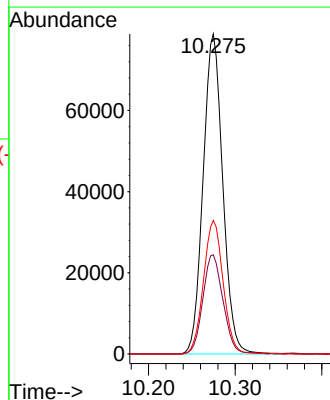
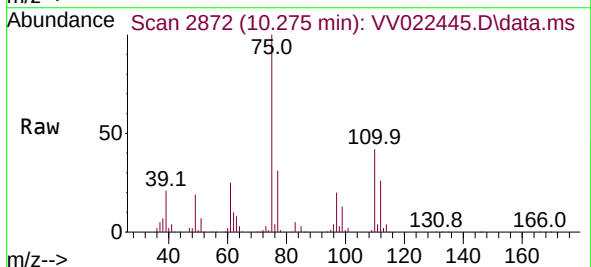
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

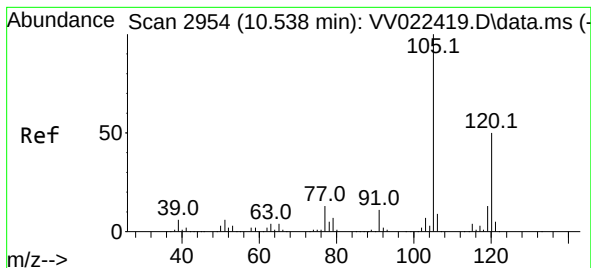
Tgt Ion:105 Resp: 428365
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.396 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 75 Resp: 124148
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 41.7 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 56.201 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.003 min

Lab File: VV022445.D

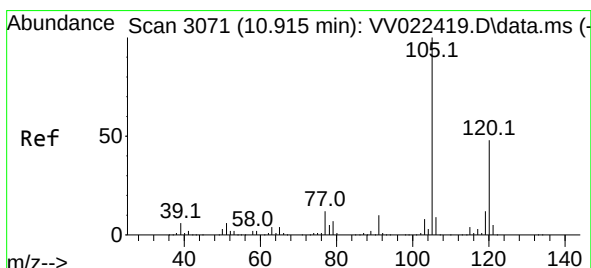
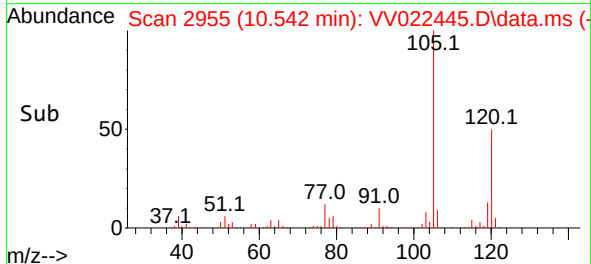
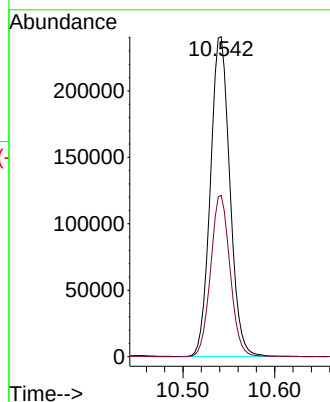
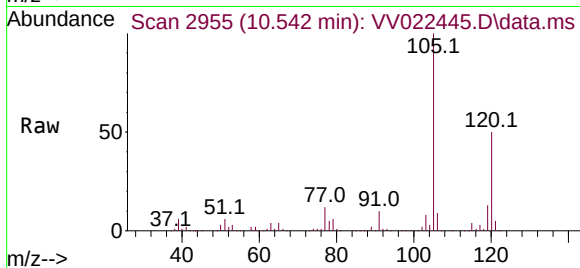
Acq: 30 Sep 2021 20:31

Tgt Ion:105 Resp: 355531

Ion Ratio Lower Upper

105 100

120 50.3 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 56.880 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV022445.D

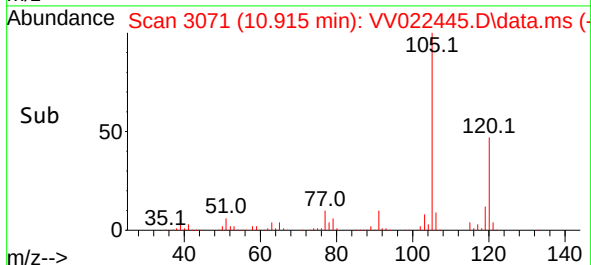
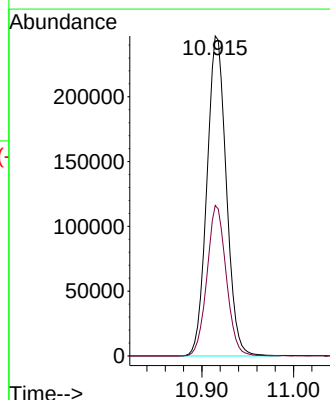
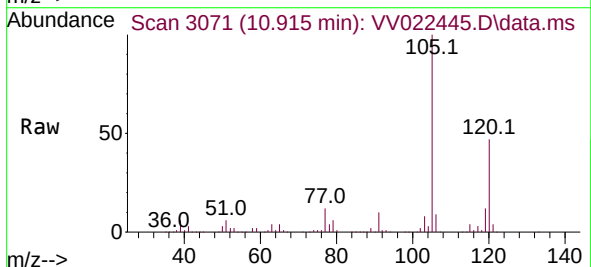
Acq: 30 Sep 2021 20:31

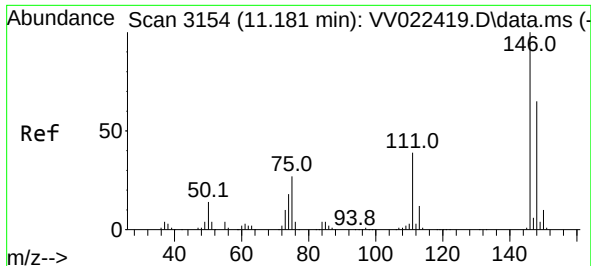
Tgt Ion:105 Resp: 363107

Ion Ratio Lower Upper

105 100

120 46.7 37.3 55.9

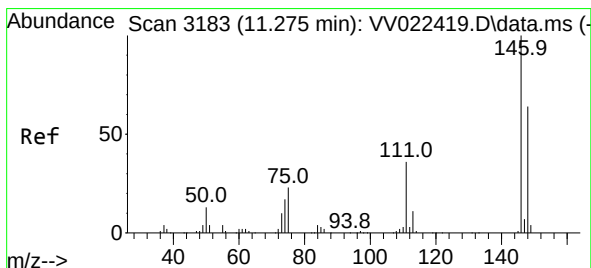
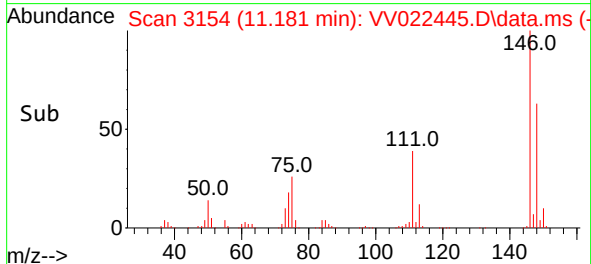
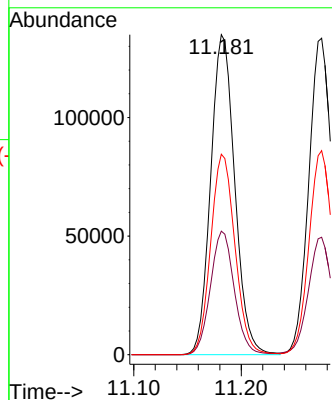
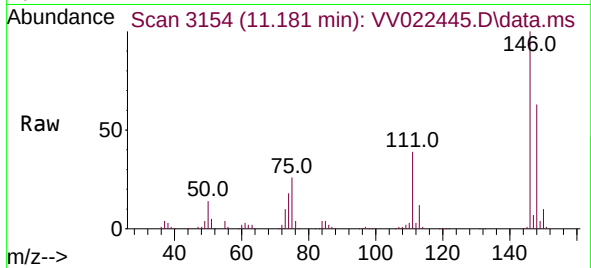




#64
1,3-Dichlorobenzene
Concen: 53.939 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

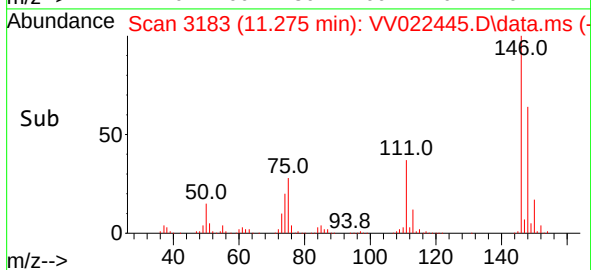
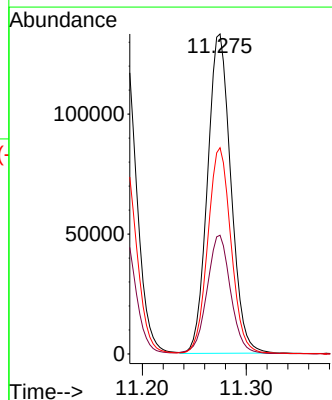
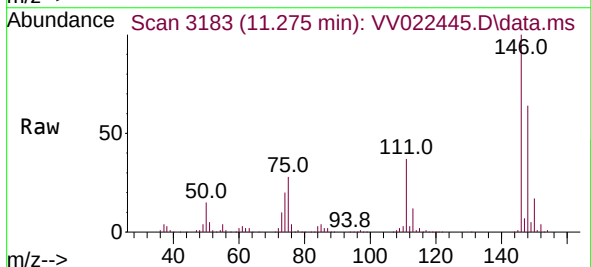
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

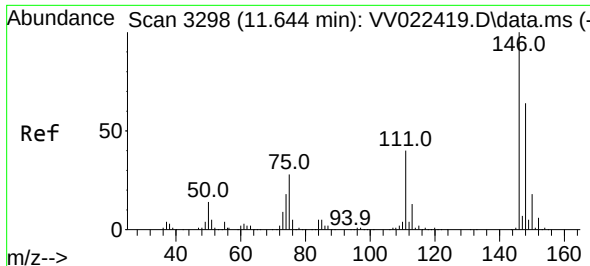
Tgt Ion:146 Resp: 209904
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.3
148 62.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 52.506 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:146 Resp: 208118
Ion Ratio Lower Upper
146 100
111 37.1 25.8 48.0
148 64.5 45.1 83.9

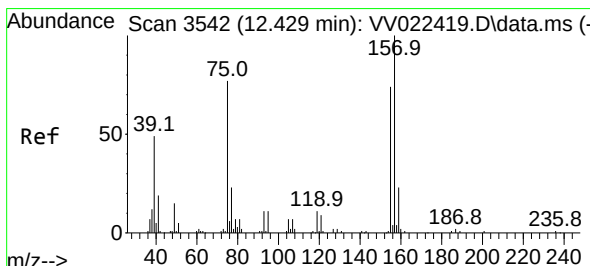
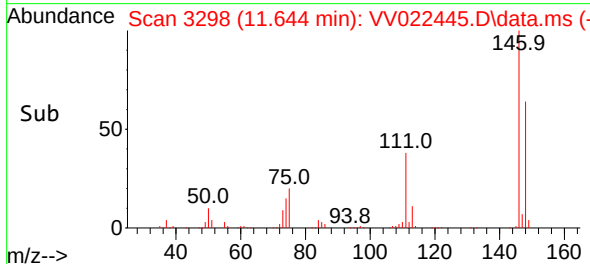
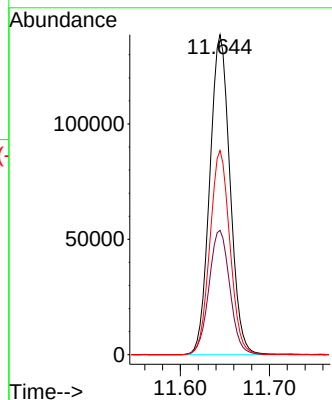
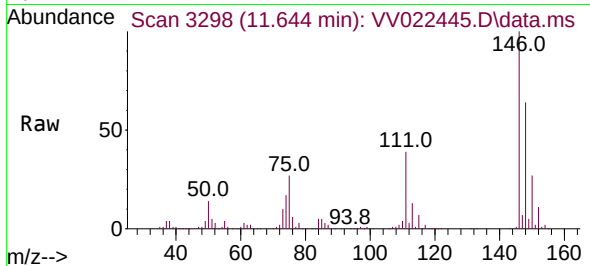




#67
1,2-Dichlorobenzene
Concen: 55.006 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

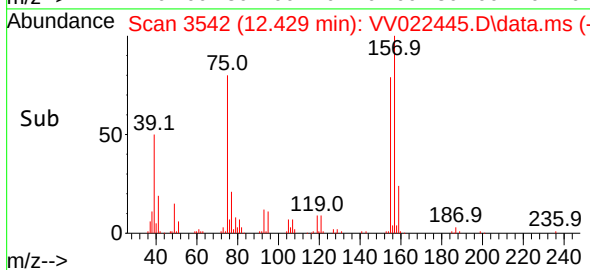
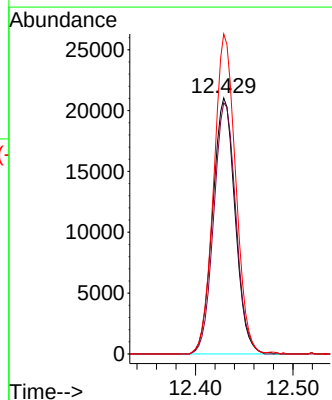
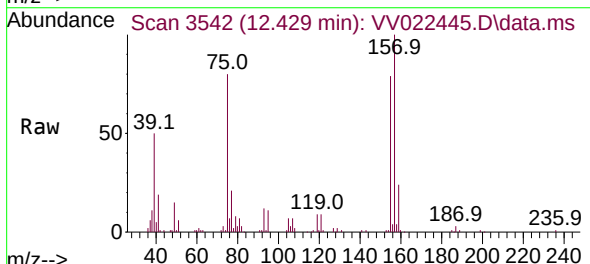
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

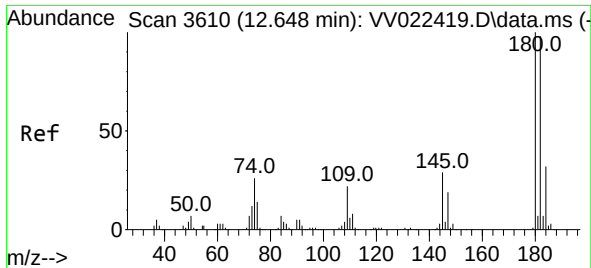
Tgt Ion:146 Resp: 218586
Ion Ratio Lower Upper
146 100
111 38.8 31.5 47.3
148 63.8 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.791 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion: 75 Resp: 33638
Ion Ratio Lower Upper
75 100
155 98.1 79.0 118.6
157 125.0 98.2 147.2

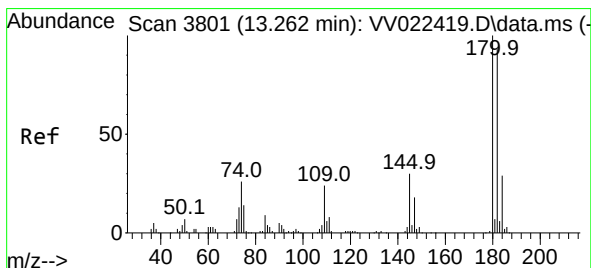
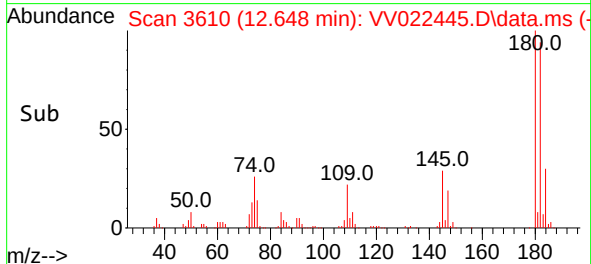
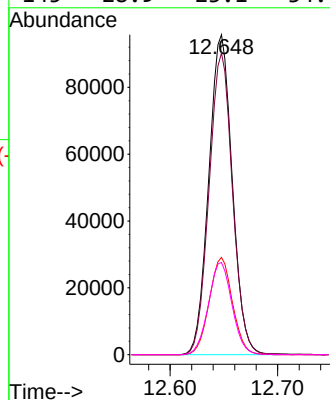
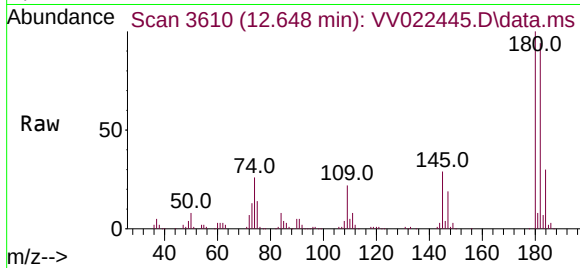




#69
 1,3,5-Trichlorobenzene
 Concen: 51.744 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

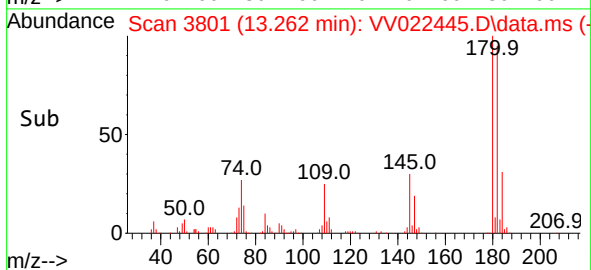
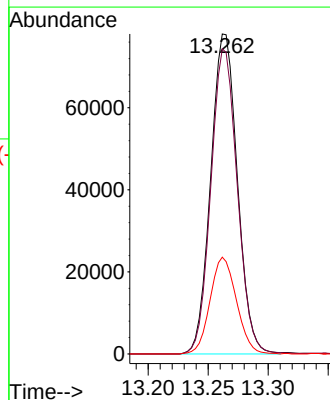
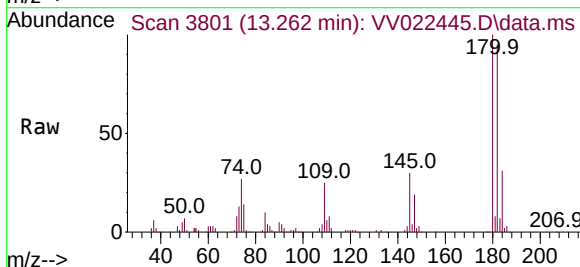
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

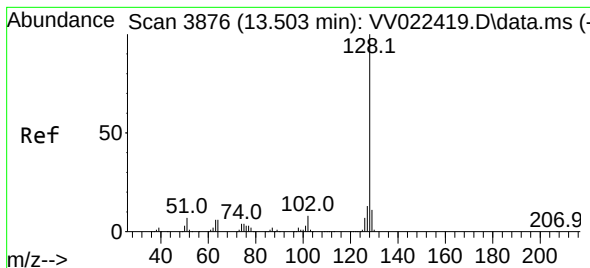
Tgt Ion:	180	Resp:	145262
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.2	112.8
184	30.0	24.2	36.2
145	28.9	23.1	34.7



#70
 1,2,4-trichlorobenzene
 Concen: 50.764 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV022445.D
 Acq: 30 Sep 2021 20:31

Tgt Ion:	180	Resp:	120583
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.2	114.2
145	29.9	23.9	35.9

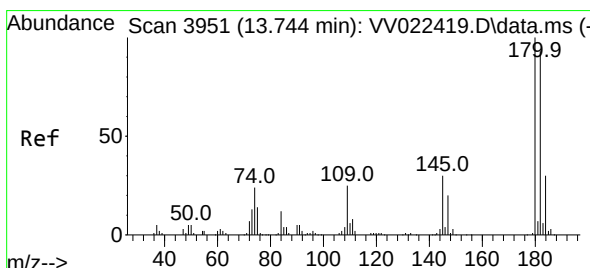
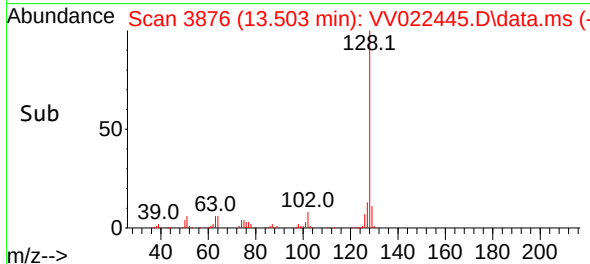
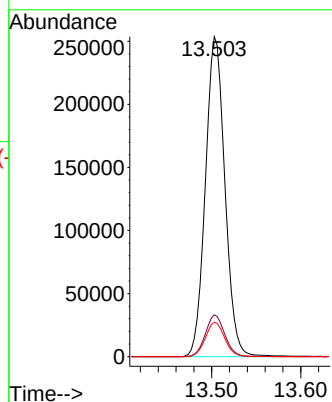
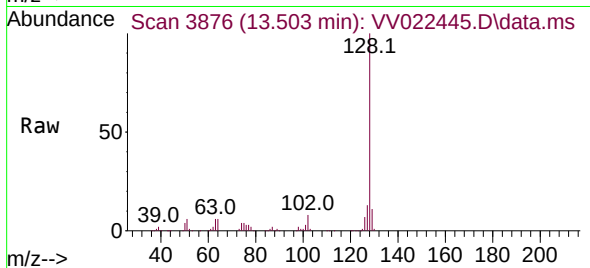




#71
Naphthalene
Concen: 52.888 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

Tgt Ion:128 Resp: 384919
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.746 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022445.D
Acq: 30 Sep 2021 20:31

Tgt Ion:180 Resp: 131813
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
145 30.5 25.6 38.4

