

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022479.D
 Acq On : 01 Oct 2021 21:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

Quant Time: Oct 02 01:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:01:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	269920	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	254740	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	136821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83442	49.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.960%
7) Chloroethane-d5	1.568	69	65767	50.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.240%
11) 1,1-Dichloroethene-d2	2.108	63	167439	50.869	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.740%
21) 2-Butanone-d5	3.892	46	74461	81.034	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.030%
24) Chloroform-d	4.349	84	148994	48.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.031	65	85048	48.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
32) Benzene-d6	5.050	84	295968	50.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.300%
36) 1,2-Dichloropropane-d6	6.069	67	88620	48.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.560%
41) Toluene-d8	7.317	98	279583	51.647	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.300%
43) trans-1,3-Dichloroprop...	7.622	79	42688	49.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.320%
47) 2-Hexanone-d5	8.092	63	76344	101.440	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	123303	48.808	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	111451	49.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	135750	50.288	ug/L	100
3) Chloromethane	1.240	50	127845	47.627	ug/L	99
5) Vinyl chloride	1.311	62	125822	49.450	ug/L	100
6) Bromomethane	1.523	94	84419	47.519	ug/L	100
8) Chloroethane	1.584	64	74821	48.215	ug/L	99
9) Trichlorofluoromethane	1.751	101	176191	50.416	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	100270	50.686	ug/L	98
12) 1,1-Dichloroethene	2.118	96	94890	50.327	ug/L	97
13) Acetone	2.433	43	81535	70.243	ug/L	73
14) Carbon disulfide	2.294	76	286242	50.257	ug/L	99
15) Methyl Acetate	2.433	43	91731	43.321	ug/L	99
16) Methylene chloride	2.507	84	107844	45.524	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	100424	48.519	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	303737	47.533	ug/L	99
19) 1,1-Dichloroethane	3.188	63	172511	47.105	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	104851	47.551	ug/L	100
22) 2-Butanone	3.976	43	95474	62.468	ug/L	92
23) Bromochloromethane	4.249	128	57258	47.265	ug/L	98
25) Chloroform	4.375	83	175926	47.738	ug/L	99

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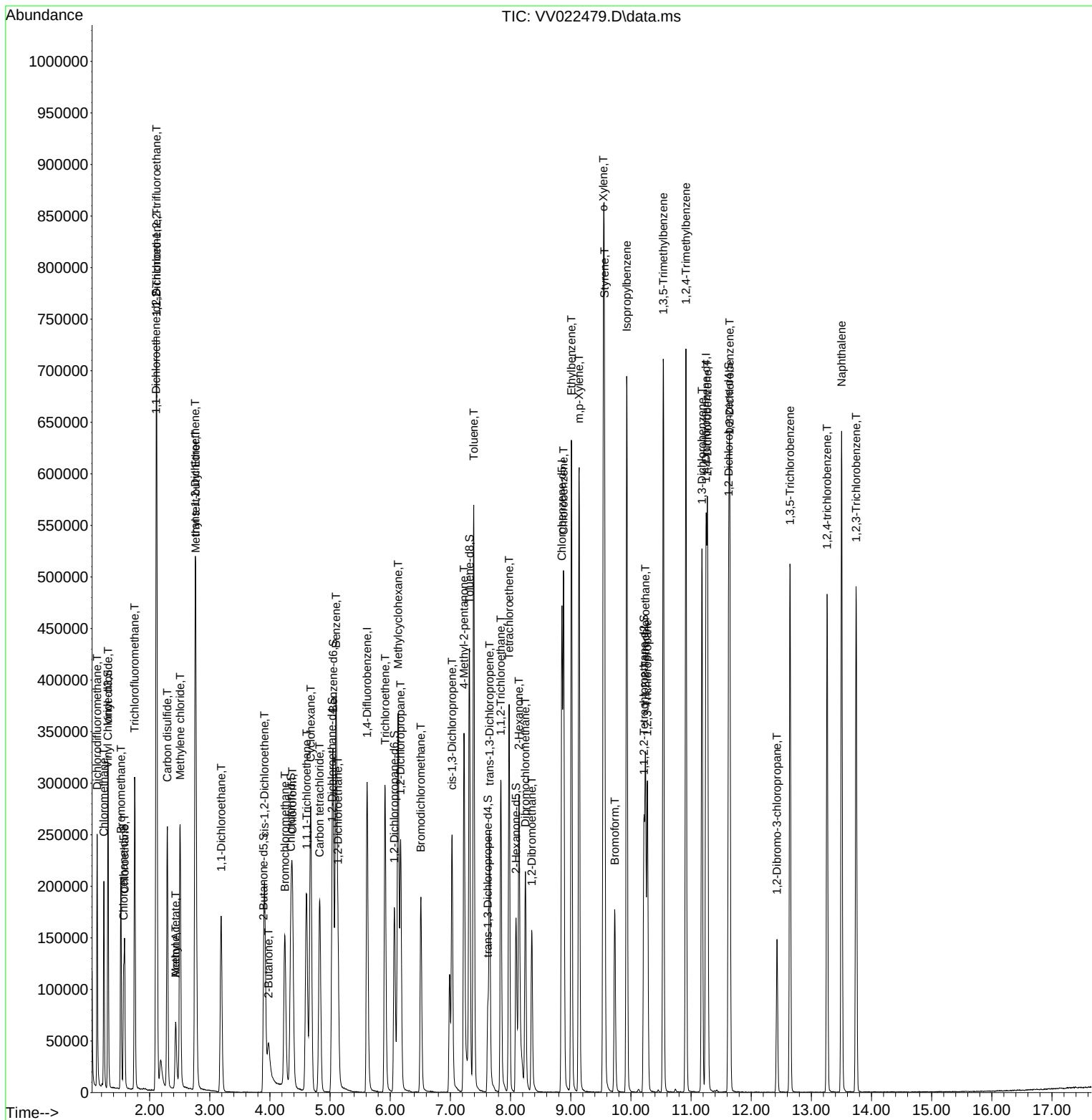
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

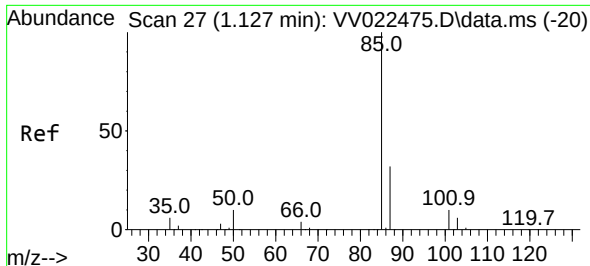
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:01:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124106	46.506	ug/L	97
29) Cyclohexane	4.677	56	154244	51.948	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	159162	50.017	ug/L	99
31) Carbon tetrachloride	4.825	117	142136	50.843	ug/L	97
33) Benzene	5.098	78	383540	48.762	ug/L	100
34) Trichloroethene	5.915	95	101802	49.570	ug/L	98
35) Methylcyclohexane	6.130	83	160631	51.584	ug/L	99
37) 1,2-Dichloropropane	6.172	63	95760	47.551	ug/L	99
38) Bromodichloromethane	6.510	83	126361	48.306	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	149062	49.218	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	269683	95.307	ug/L	98
42) Toluene	7.387	91	416700	50.293	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	145930	50.045	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	99510	47.735	ug/L	98
46) Tetrachloroethene	7.976	164	86164	50.117	ug/L	99
48) 2-Hexanone	8.140	43	209167	96.649	ug/L	98
49) Dibromochloromethane	8.246	129	111881	49.594	ug/L	100
50) 1,2-Dibromoethane	8.352	107	108434	48.312	ug/L	98
51) Chlorobenzene	8.883	112	269060	48.822	ug/L	99
52) Ethylbenzene	9.011	91	438361	50.835	ug/L	100
53) m,p-Xylene	9.140	106	173688	50.838	ug/L	99
54) o-Xylene	9.545	106	169296	50.861	ug/L	100
55) Styrene	9.561	104	291283	50.993	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	152488	47.328	ug/L	99
59) Bromoform	9.731	173	84198	49.768	ug/L	100
60) Isopropylbenzene	9.931	105	447802	51.442	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	120677	46.378	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	381763	52.086	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	384343	52.748	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	218164	49.399	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	221212	48.229	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	220341	48.820	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	33200	46.570	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	160853	49.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	146523	49.655	ug/L	99
71) Naphthalene	13.503	128	488742	50.299	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	151349	49.625	ug/L	99

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

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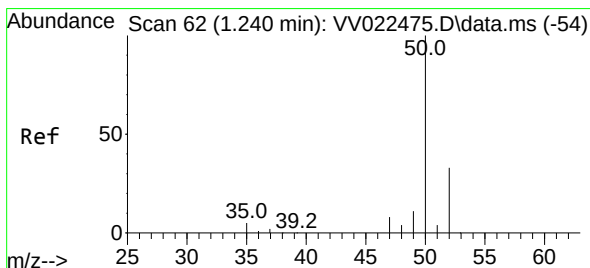
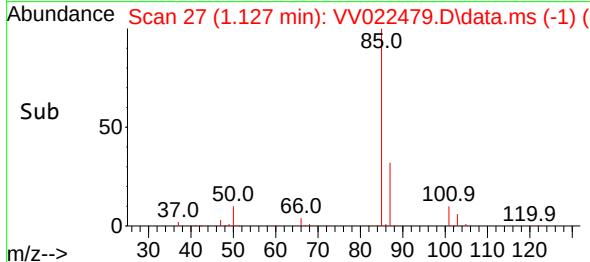
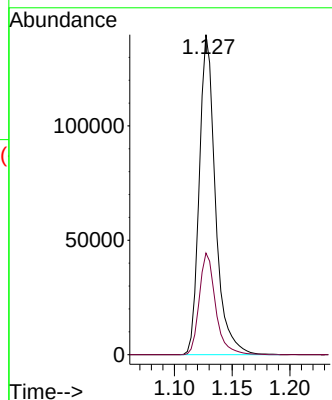
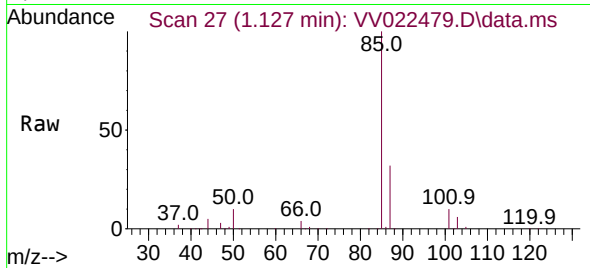




#2
 Dichlorodifluoromethane
 Concen: 50.288 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

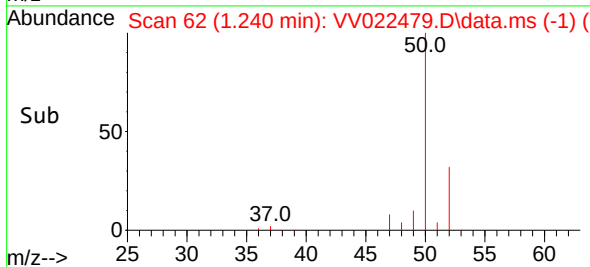
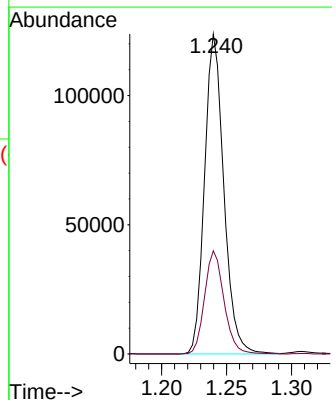
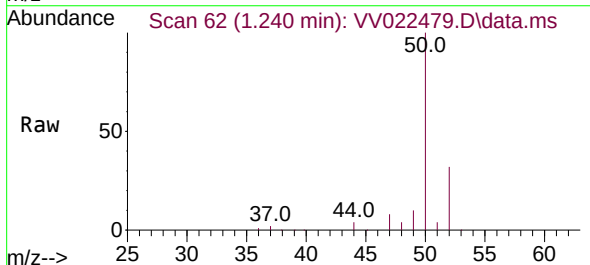
Instrument :
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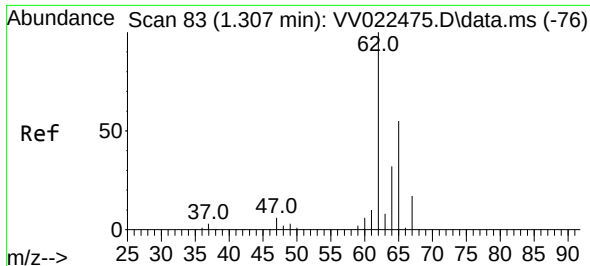
Tgt Ion: 85 Resp: 135750
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 47.627 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

Tgt Ion: 50 Resp: 127845
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8

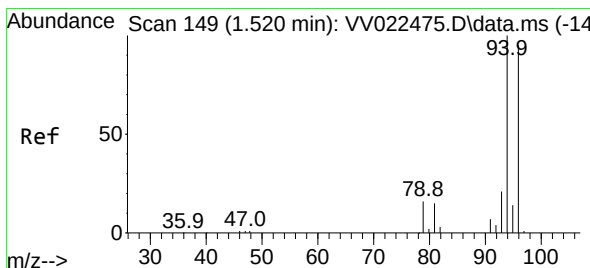
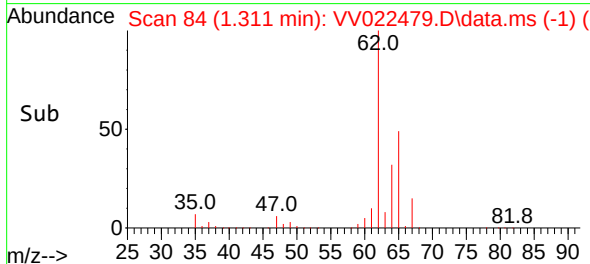
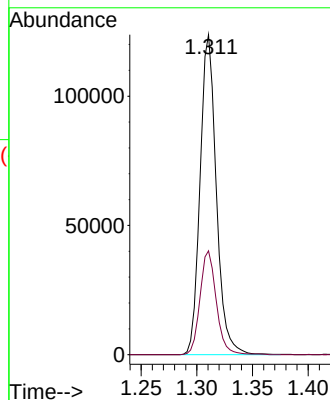
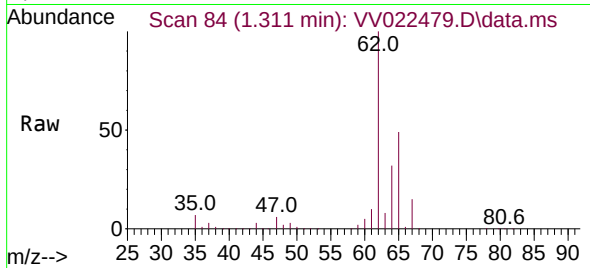




#5
 Vinyl chloride
 Concen: 49.450 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

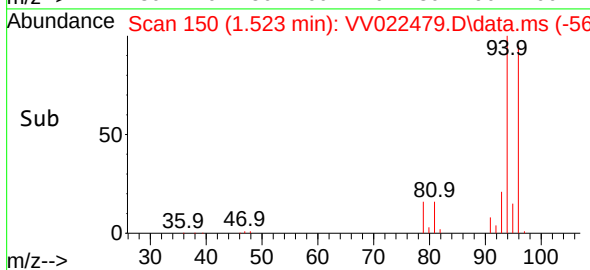
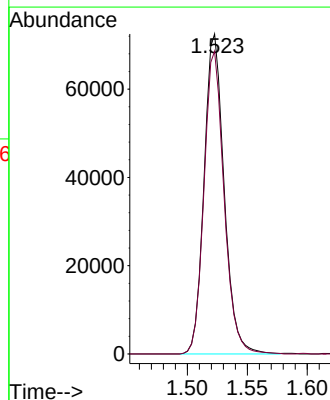
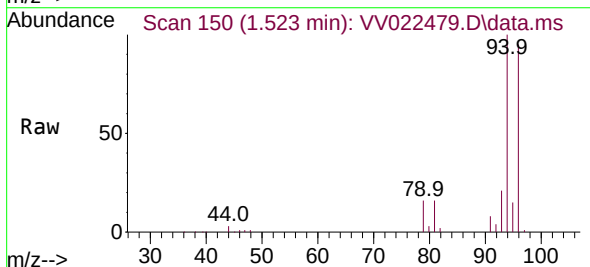
Instrument :
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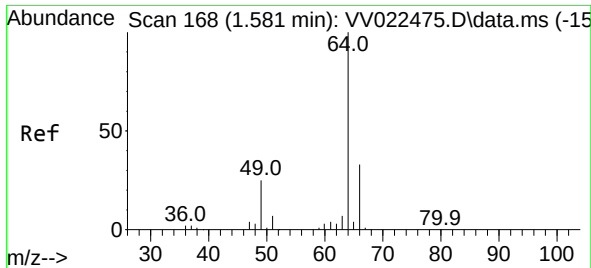
Tgt Ion: 62 Resp: 125822
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.5 41.9



#6
 Bromomethane
 Concen: 47.519 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

Tgt Ion: 94 Resp: 84419
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.4 123.2

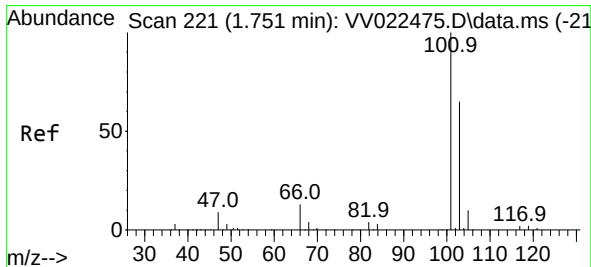
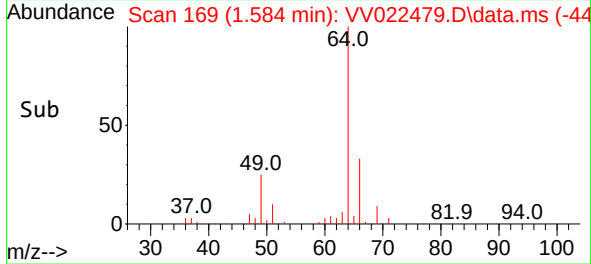
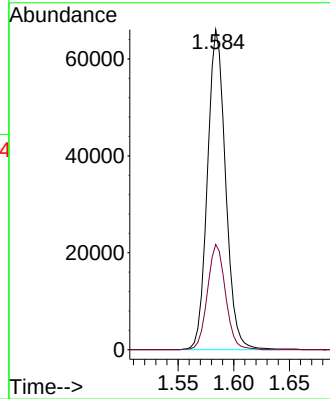
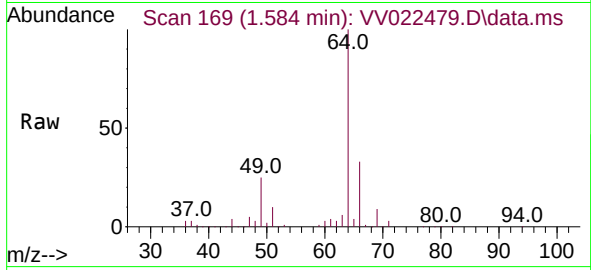




#8
Chloroethane
Concen: 48.215 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

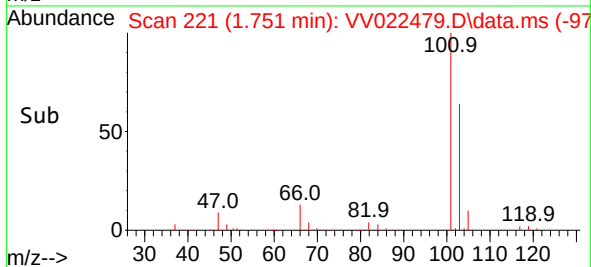
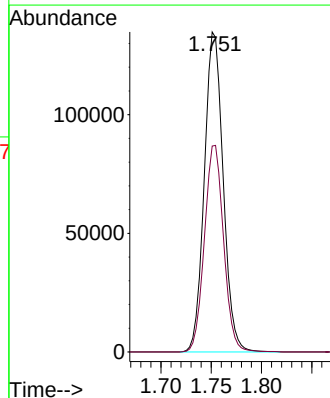
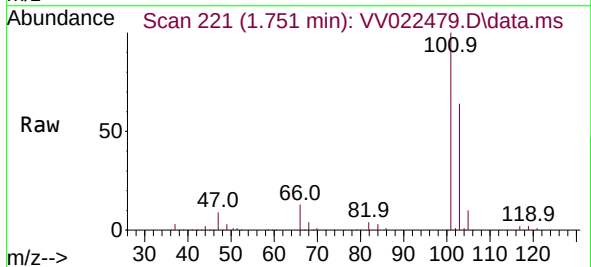
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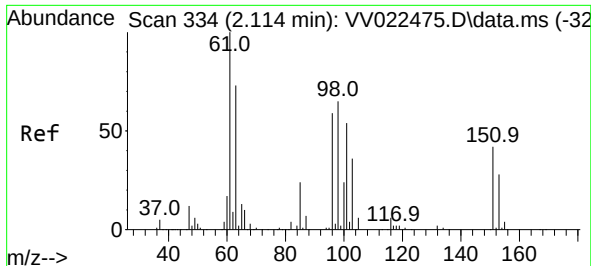
Tgt Ion: 64 Resp: 74821
Ion Ratio Lower Upper
64 100
66 32.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 50.416 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:101 Resp: 176191
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5





#10

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

Concen: 50.686 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022479.D

Acq: 01 Oct 2021 21:42

Tgt Ion:101 Resp: 100270

Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

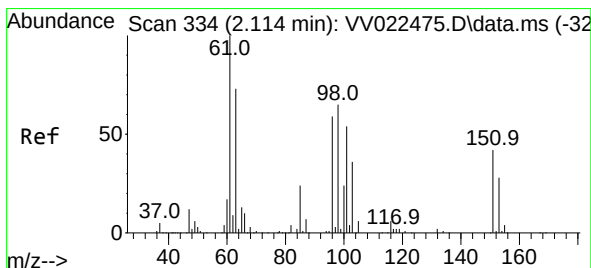
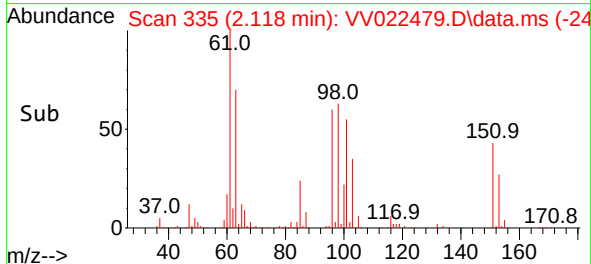
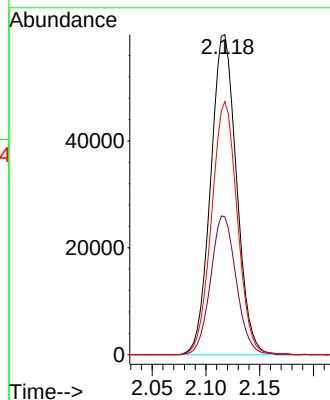
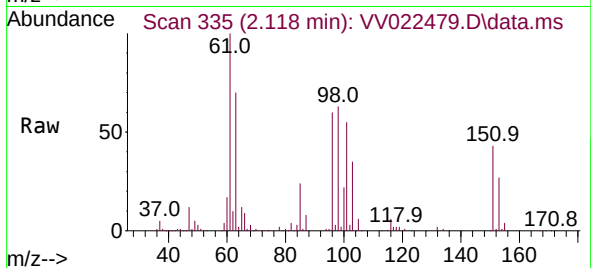
151 78.6 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD050355



#12

1,1-Dichloroethene

Concen: 50.327 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022479.D

Acq: 01 Oct 2021 21:42

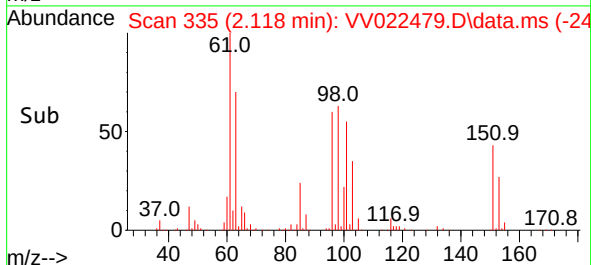
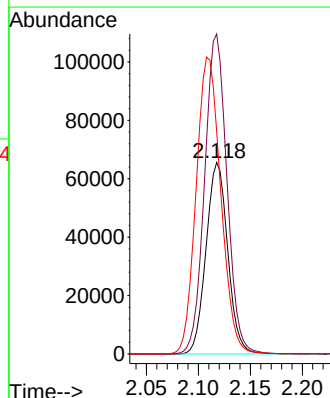
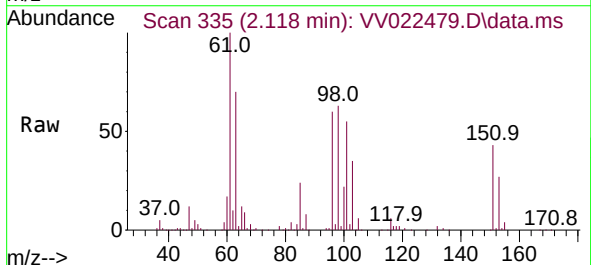
Tgt Ion: 96 Resp: 94890

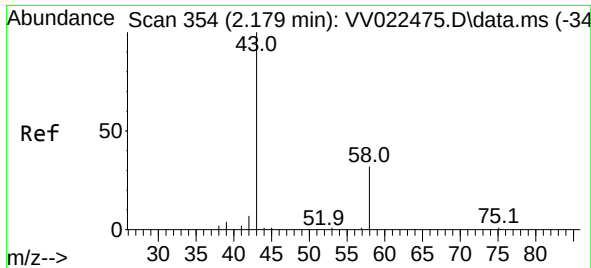
Ion Ratio Lower Upper

96 100

61 167.1 118.0 219.2

63 116.2 86.4 160.4

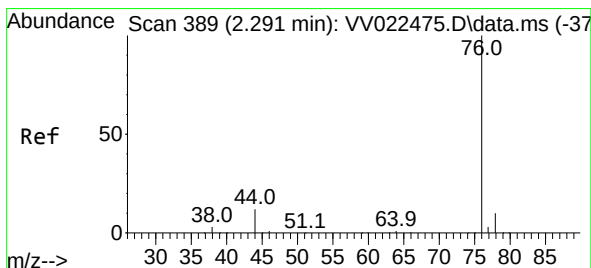
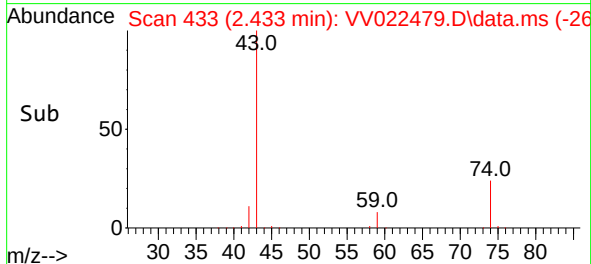
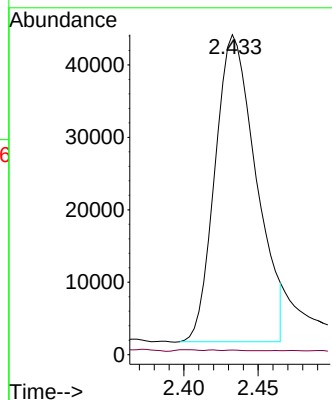
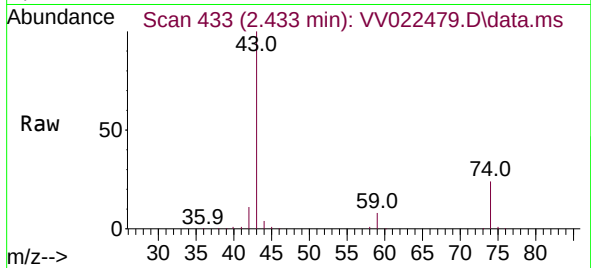




#13
Acetone
Concen: 70.243 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.254 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

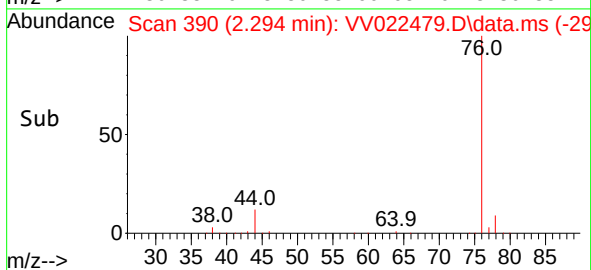
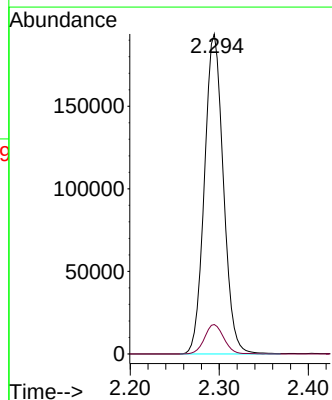
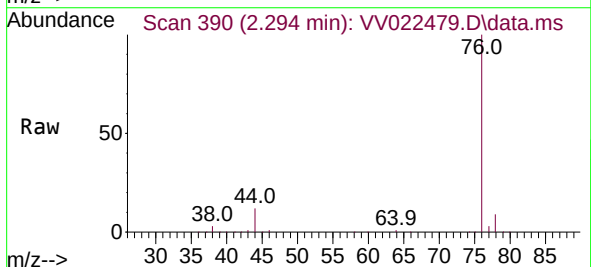
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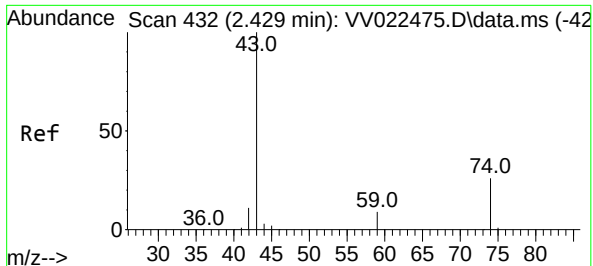
Tgt Ion: 43 Resp: 81535
Ion Ratio Lower Upper
43 100
58 0.3 0.0 21.2



#14
Carbon disulfide
Concen: 50.257 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 76 Resp: 286242
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

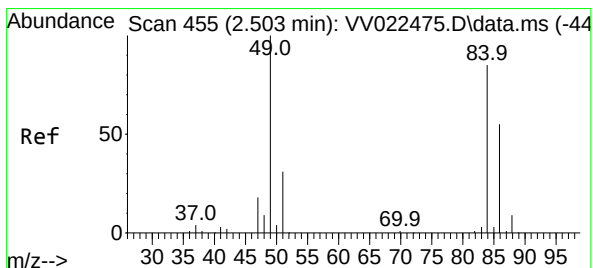
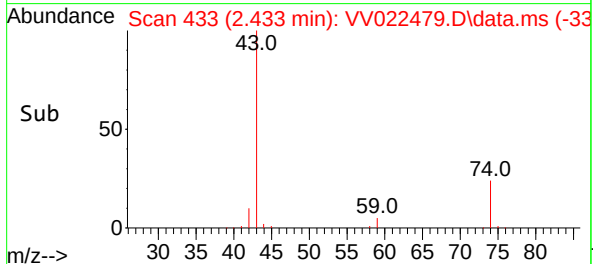
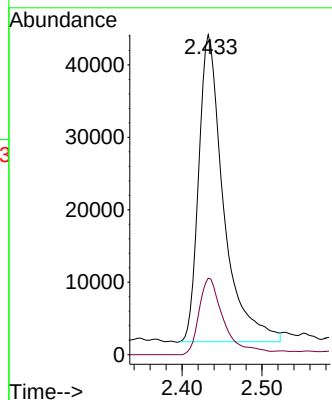
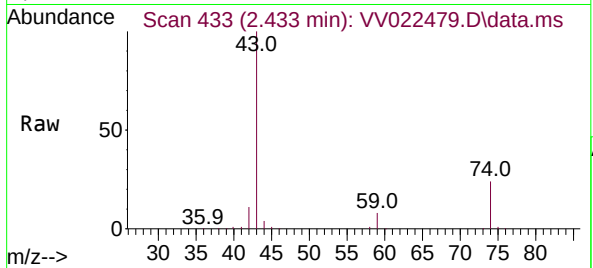




#15
Methyl Acetate
Concen: 43.321 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

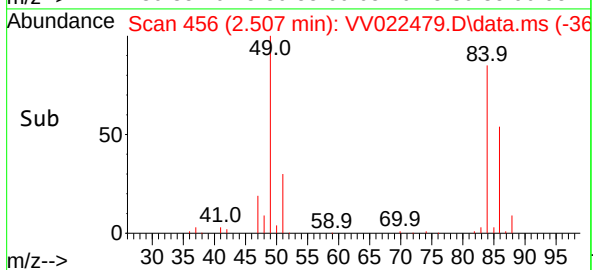
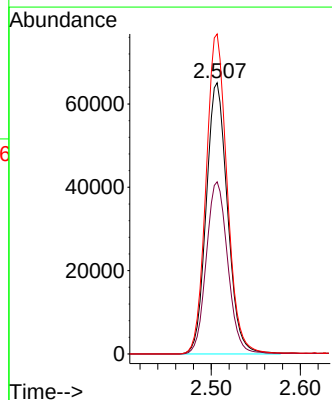
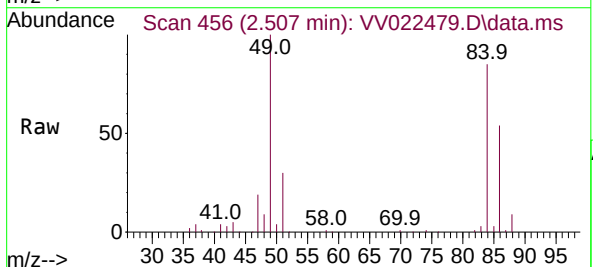
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

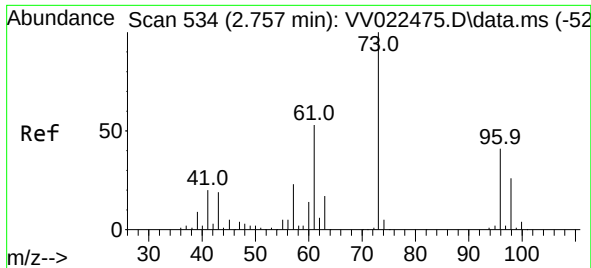
Tgt Ion: 43 Resp: 91731
Ion Ratio Lower Upper
43 100
74 24.9 20.6 30.8



#16
Methylene chloride
Concen: 45.524 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 84 Resp: 107844
Ion Ratio Lower Upper
84 100
86 63.5 45.6 84.6
49 118.0 82.7 153.7

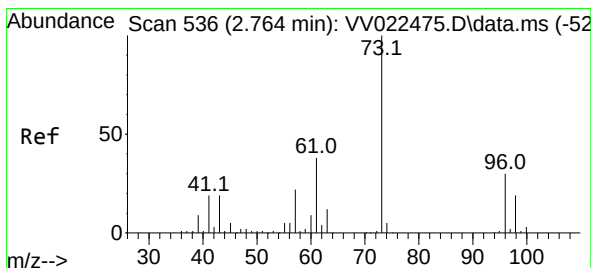
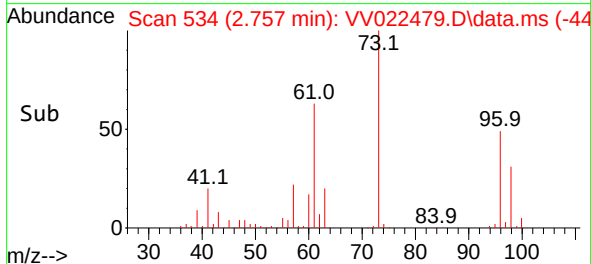
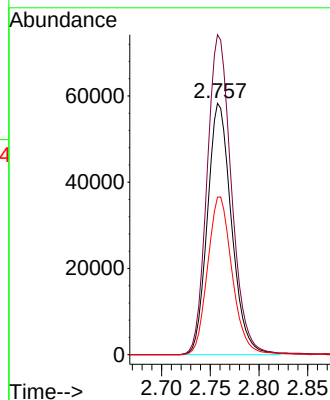
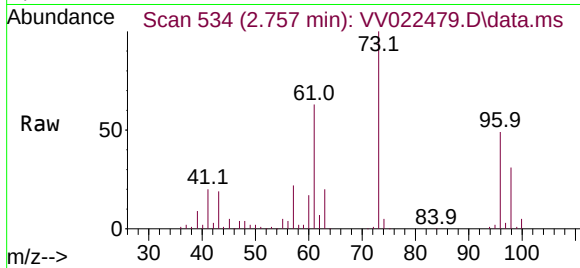




#17
trans-1,2-Dichloroethene
Concen: 48.519 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

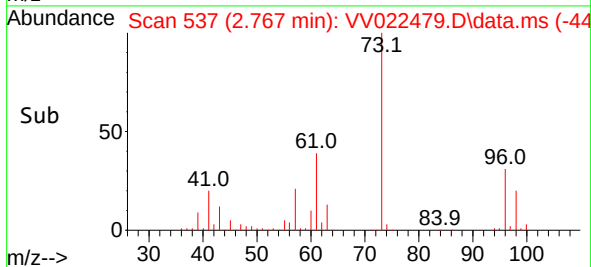
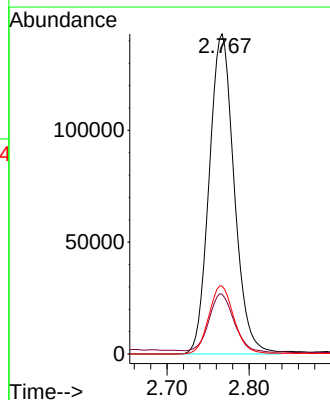
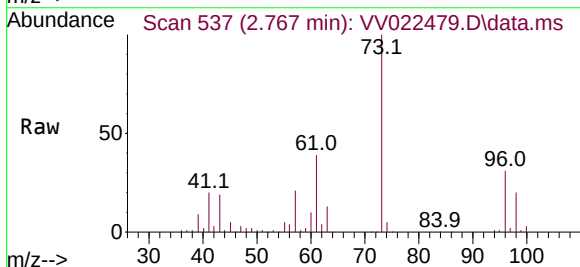
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

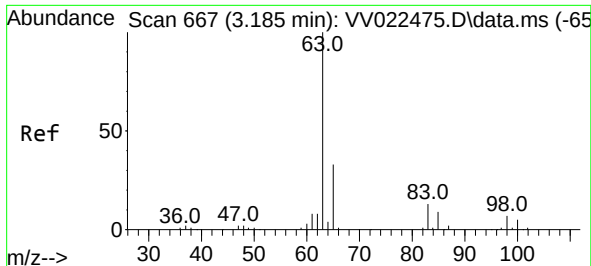
Tgt Ion: 96 Resp: 100424
Ion Ratio Lower Upper
96 100
61 127.3 90.8 168.6
98 62.6 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 47.533 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 73 Resp: 303737
Ion Ratio Lower Upper
73 100
43 18.5 15.1 22.7
57 21.5 17.6 26.4





#19

1,1-Dichloroethane

Concen: 47.105 ug/L

RT: 3.188 min Scan# 668

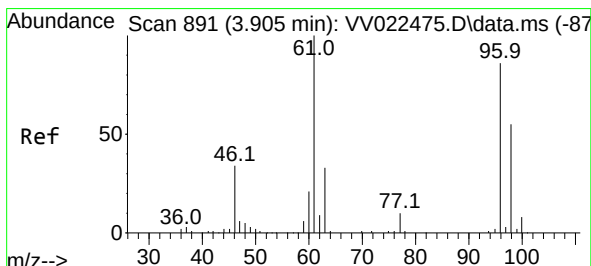
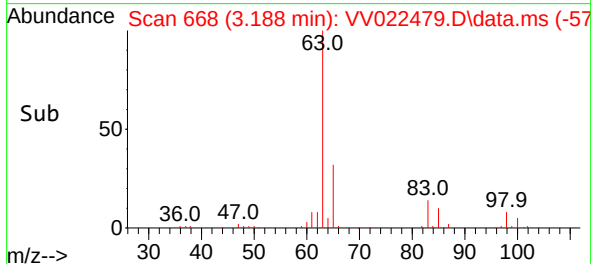
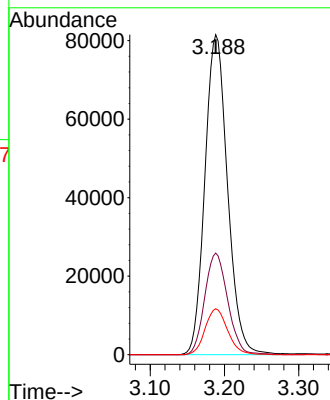
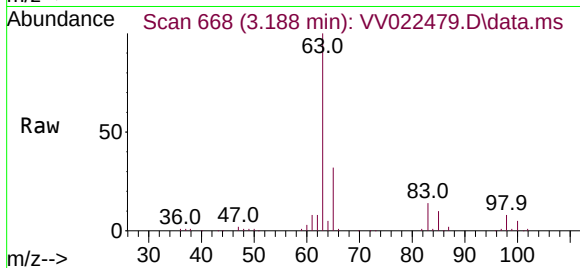
Delta R.T. 0.003 min

Lab File: VV022479.D

Acq: 01 Oct 2021 21:42

Tgt Ion: 63 Resp: 172511

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.9	42.5
83	14.4	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 47.551 ug/L

RT: 3.908 min Scan# 892

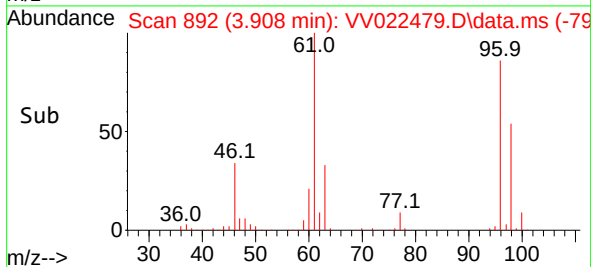
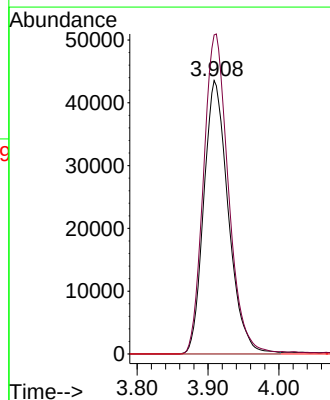
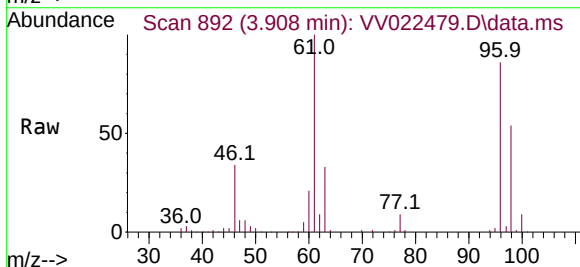
Delta R.T. 0.003 min

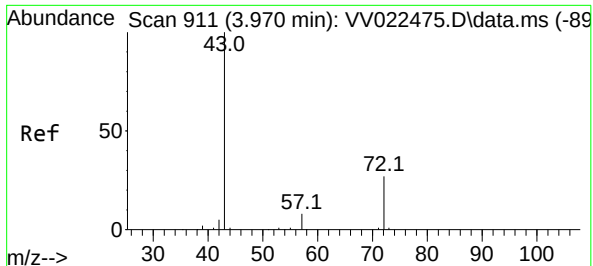
Lab File: VV022479.D

Acq: 01 Oct 2021 21:42

Tgt Ion: 96 Resp: 104851

Ion	Ratio	Lower	Upper
96	100		
61	116.7	81.9	152.1
68	0.0	0.0	0.0

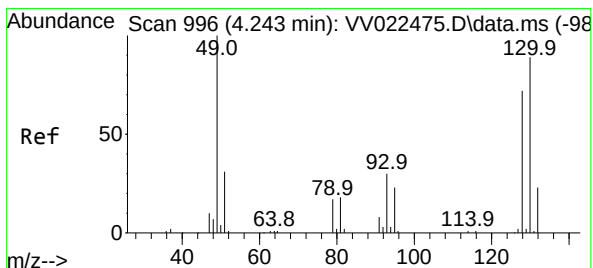
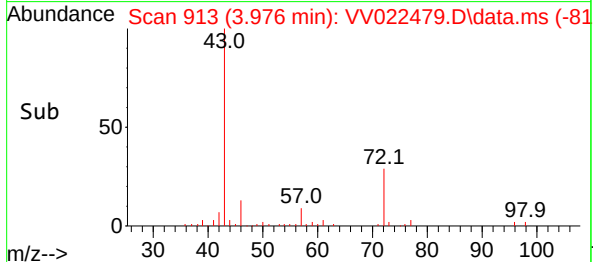
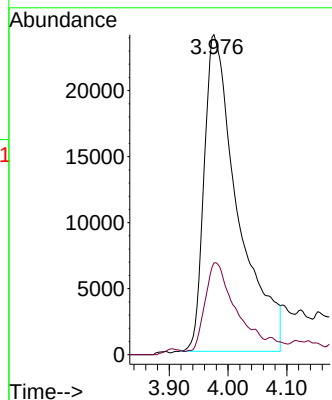
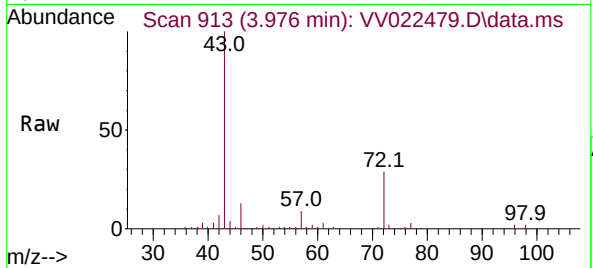




#22
2-Butanone
Concen: 62.468 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

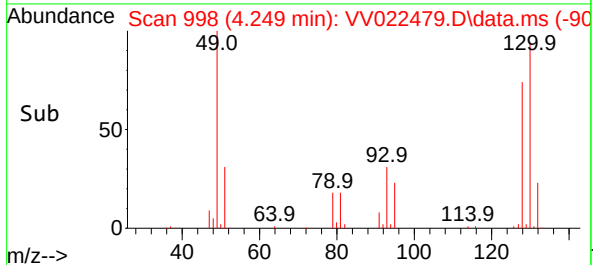
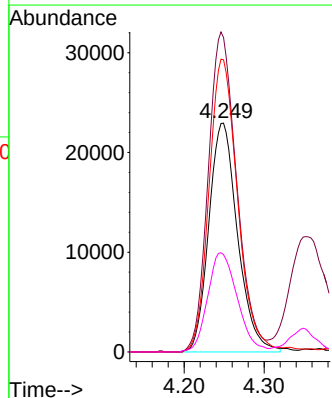
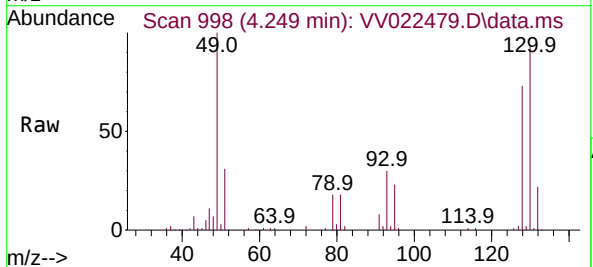
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

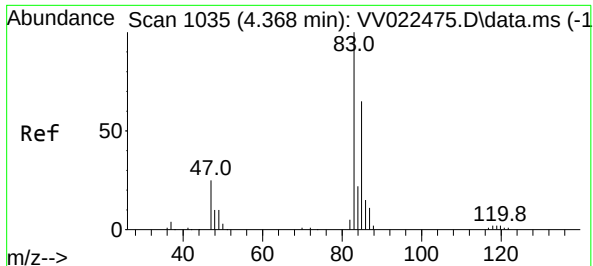
Tgt Ion: 43 Resp: 95474
Ion Ratio Lower Upper
43 100
72 23.5 10.0 29.8



#23
Bromochloromethane
Concen: 47.265 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 128 Resp: 57258
Ion Ratio Lower Upper
128 100
49 137.4 97.2 180.4
130 127.7 86.3 160.3
51 42.5 34.1 51.1





#25

Chloroform

Concen: 47.738 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VV022479.D

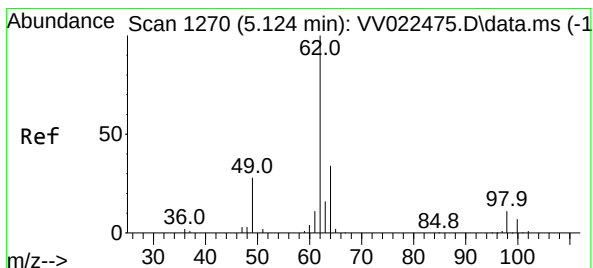
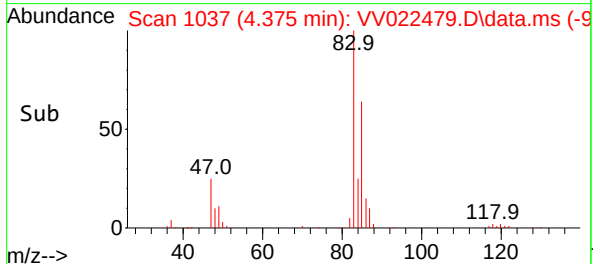
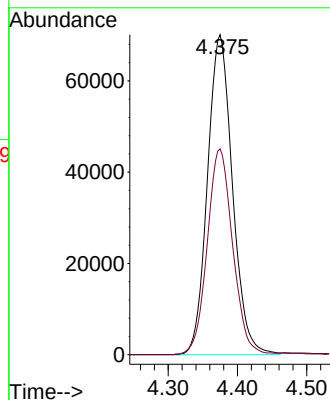
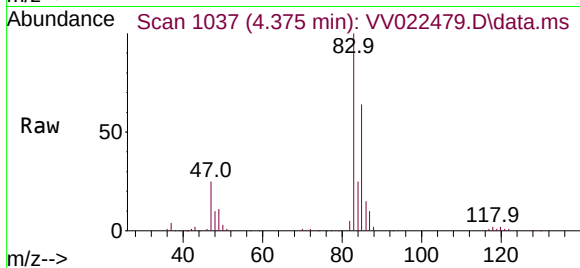
Acq: 01 Oct 2021 21:42

Tgt Ion: 83 Resp: 175926

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.0



#27

1,2-Dichloroethane

Concen: 46.506 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV022479.D

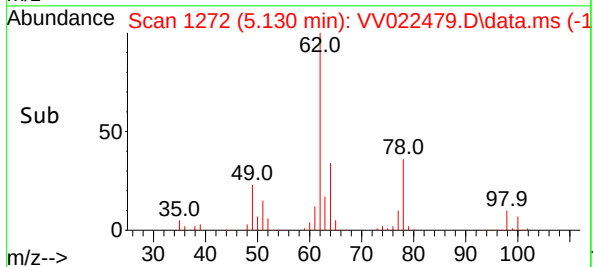
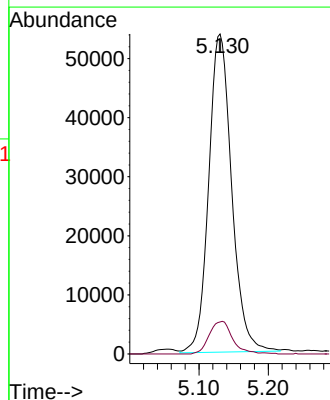
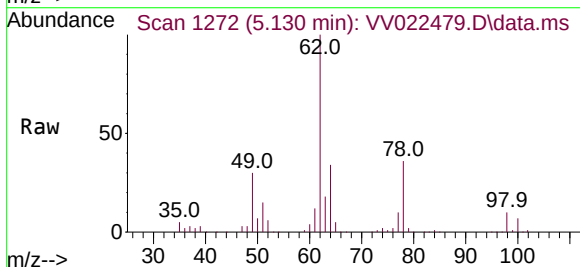
Acq: 01 Oct 2021 21:42

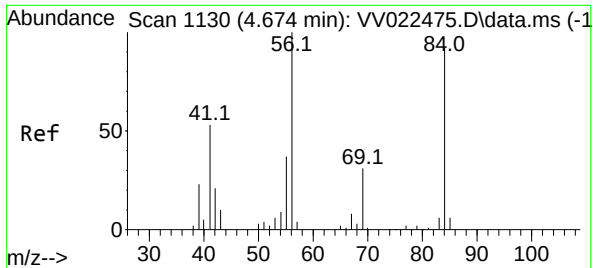
Tgt Ion: 62 Resp: 124106

Ion Ratio Lower Upper

62 100

98 10.0 9.0 13.4

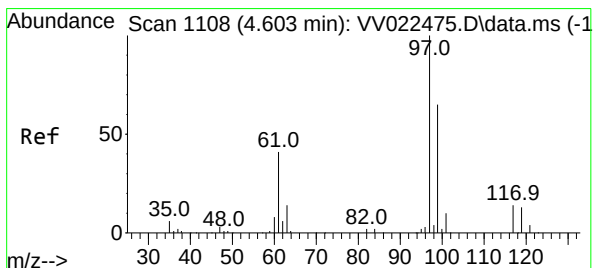
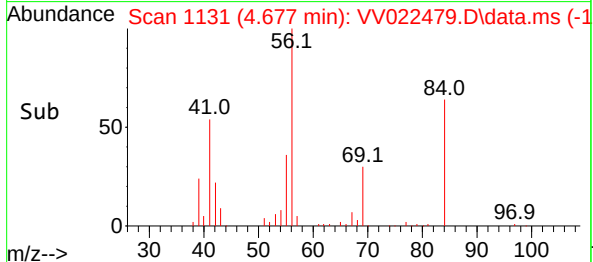
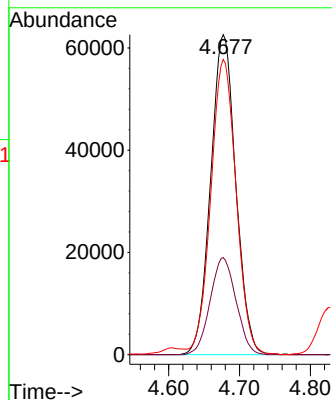
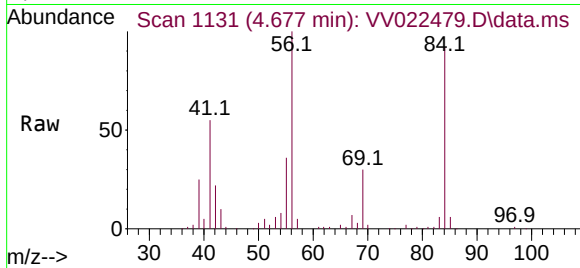




#29
Cyclohexane
Concen: 51.948 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

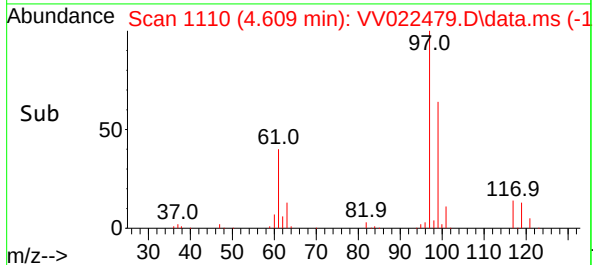
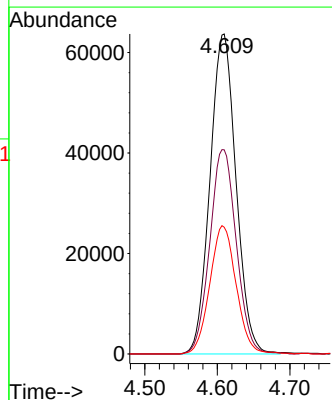
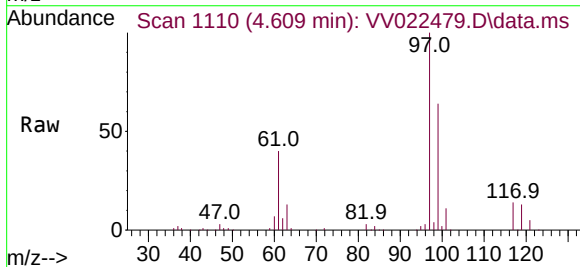
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

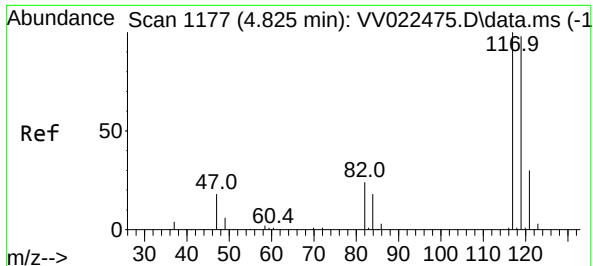
Tgt Ion:	56	Resp:	154244
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.9	37.3
84	92.5	73.9	110.9



#30
1,1,1-Trichloroethane
Concen: 50.017 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:	97	Resp:	159162
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	40.4	32.9	49.3

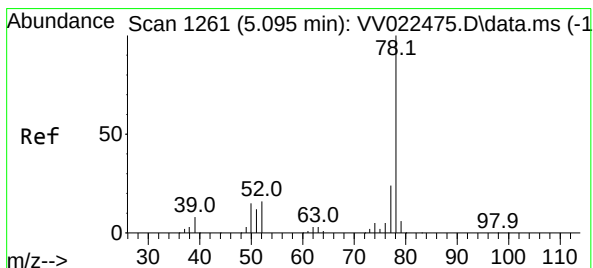
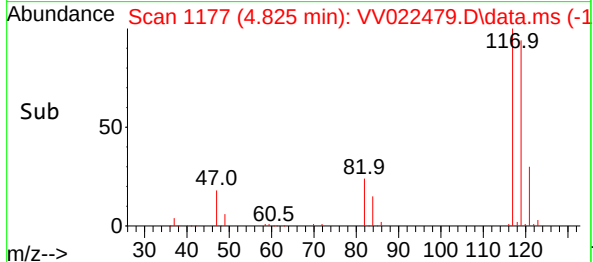
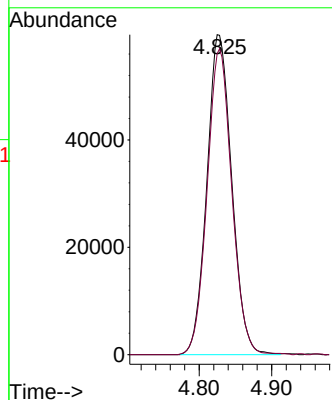
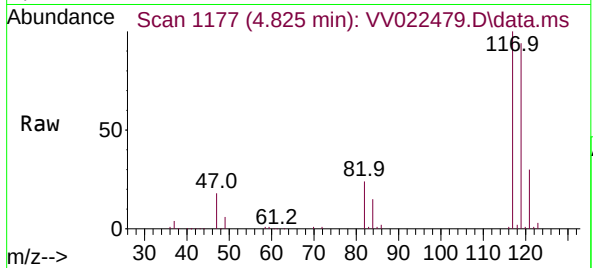




#31
Carbon tetrachloride
Concen: 50.843 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

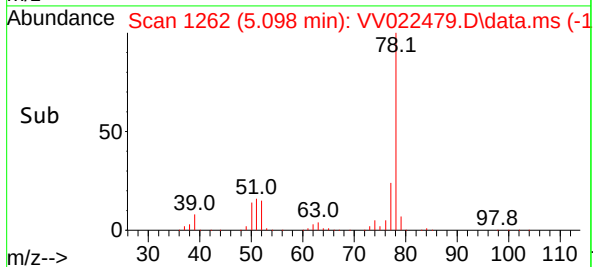
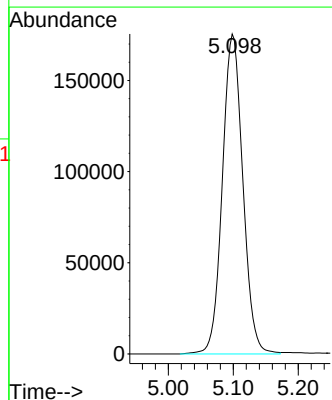
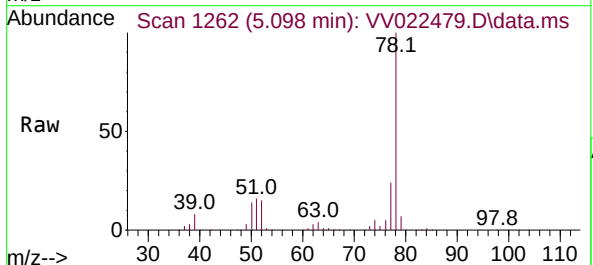
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

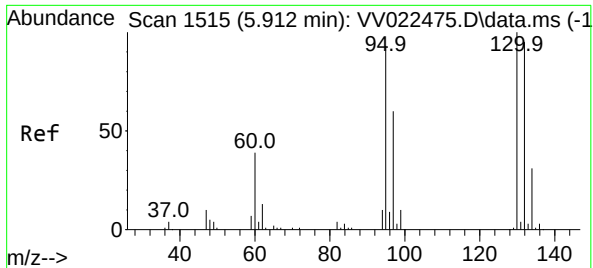
Tgt Ion:117 Resp: 142136
Ion Ratio Lower Upper
117 100
119 94.6 78.3 117.5



#33
Benzene
Concen: 48.762 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 78 Resp: 383540

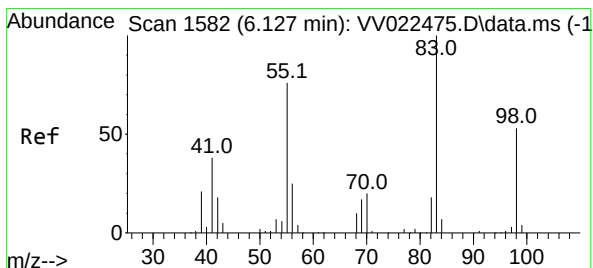
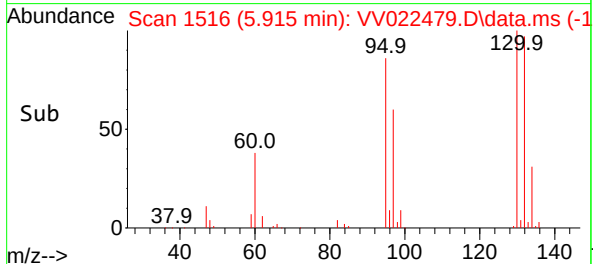
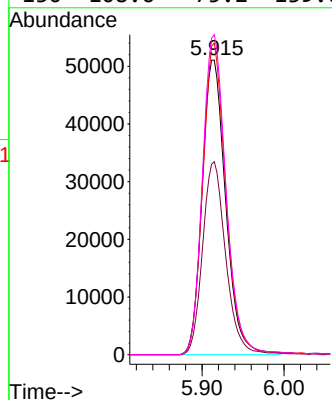
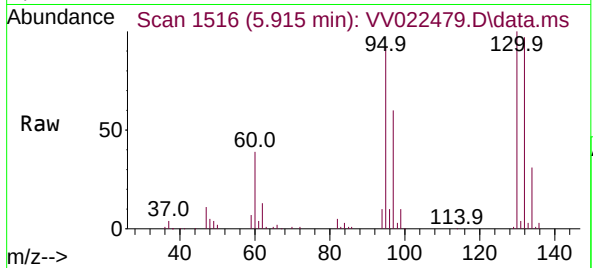




#34
Trichloroethene
Concen: 49.570 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

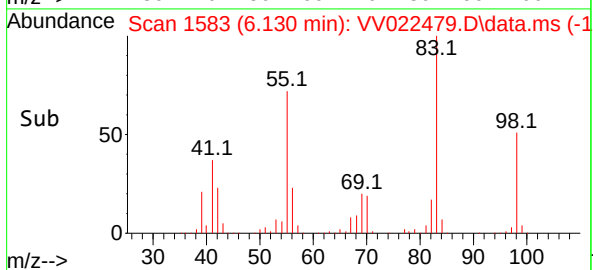
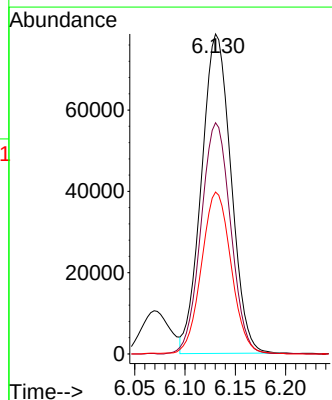
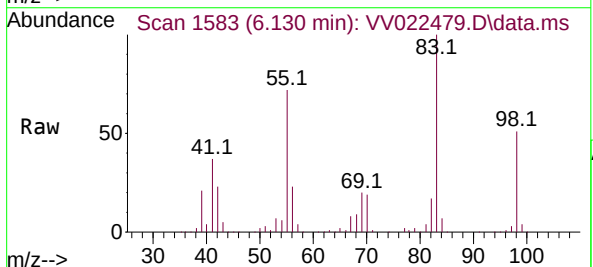
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

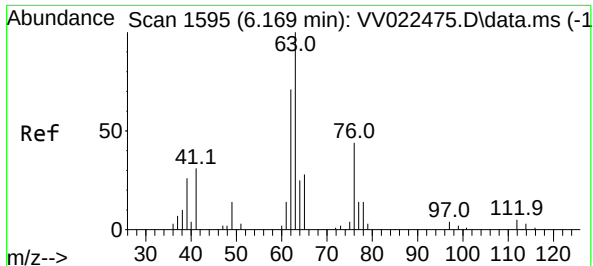
Tgt Ion: 95 Resp: 101802
Ion Ratio Lower Upper
95 100
97 65.5 45.4 84.4
132 105.7 71.5 132.9
130 108.6 75.2 139.6



#35
Methylcyclohexane
Concen: 51.584 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 83 Resp: 160631
Ion Ratio Lower Upper
83 100
55 72.6 56.7 85.1
98 50.9 40.6 60.8



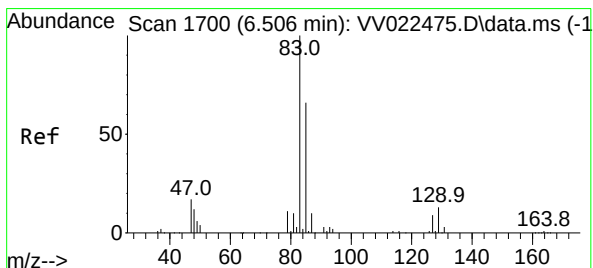
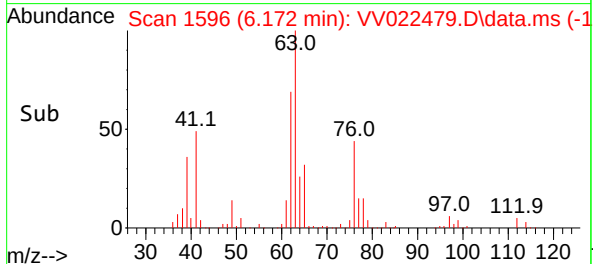
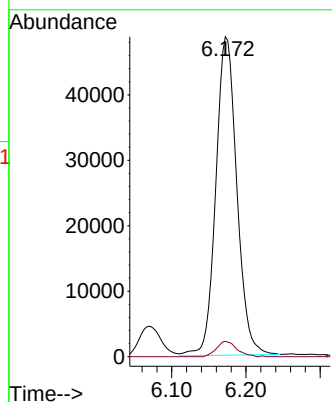
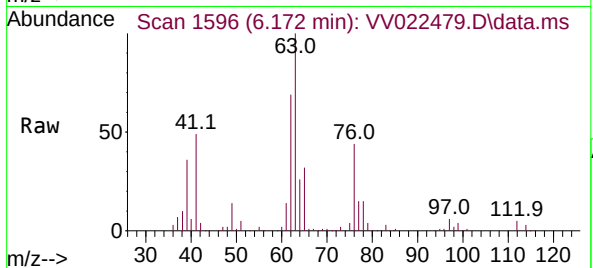


#37

1,2-Dichloropropane
Concen: 47.551 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

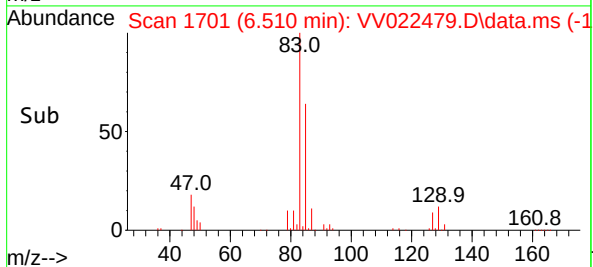
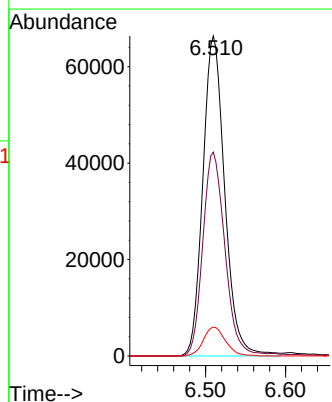
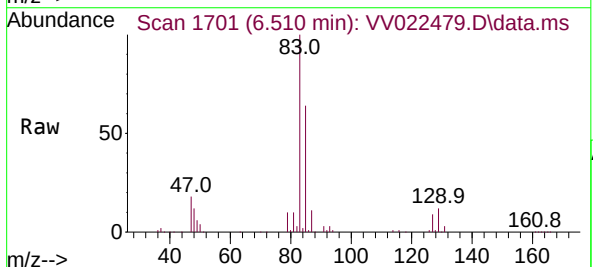
Tgt Ion: 63 Resp: 95760
Ion Ratio Lower Upper
63 100
112 4.6 4.1 6.1

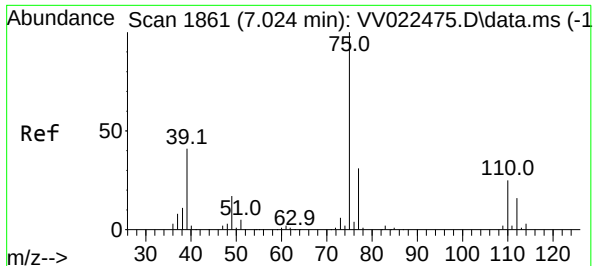


#38

Bromodichloromethane
Concen: 48.306 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 83 Resp: 126361
Ion Ratio Lower Upper
83 100
85 63.7 46.3 86.1
127 9.0 7.5 11.3

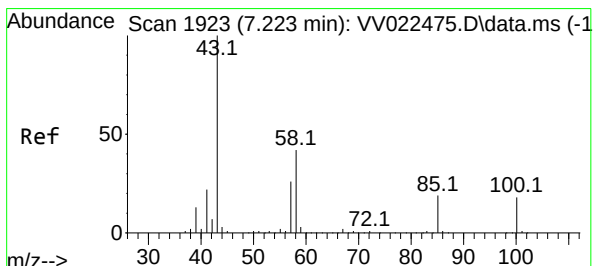
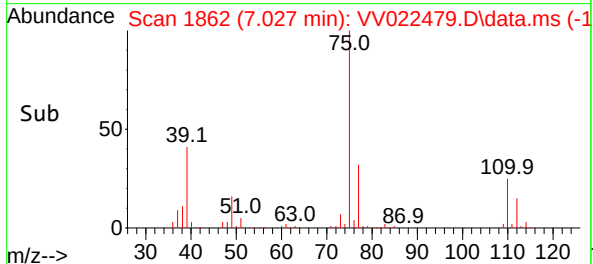
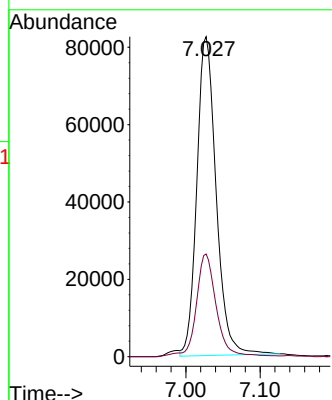
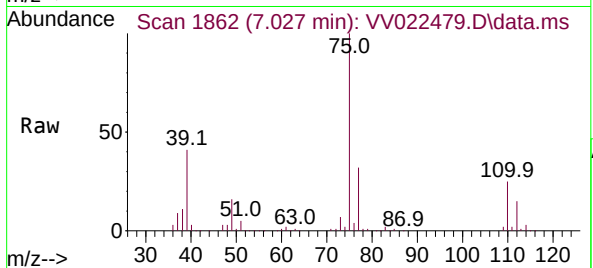




#39
 cis-1,3-Dichloropropene
 Concen: 49.218 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

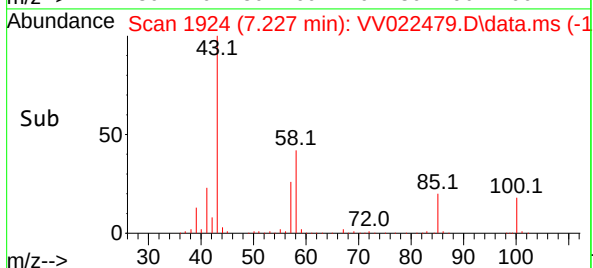
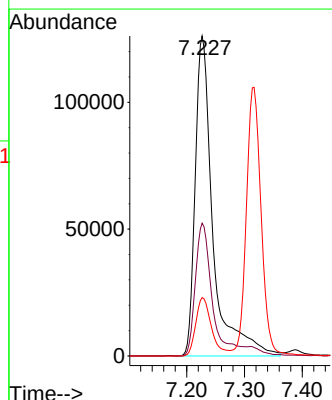
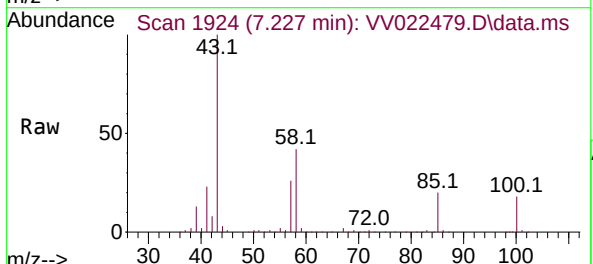
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050355

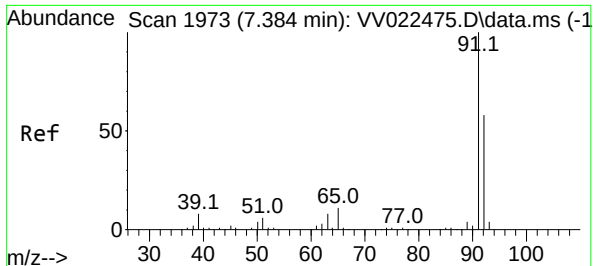
Tgt Ion: 75 Resp: 149062
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 95.307 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV022479.D
 Acq: 01 Oct 2021 21:42

Tgt Ion: 43 Resp: 269683
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.5 48.7
 100 16.2 13.9 20.9

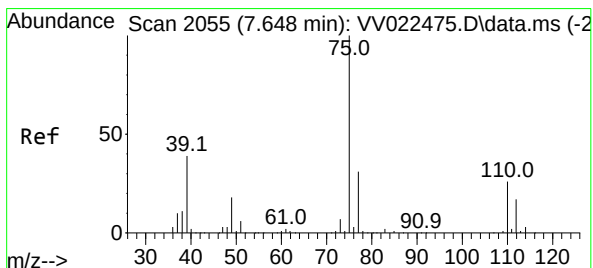
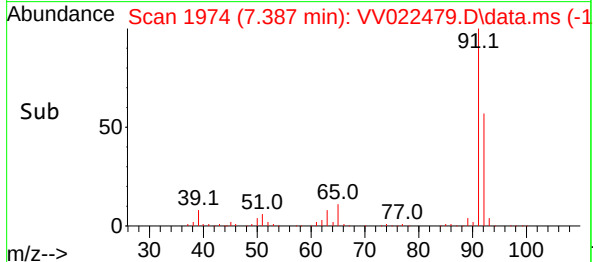
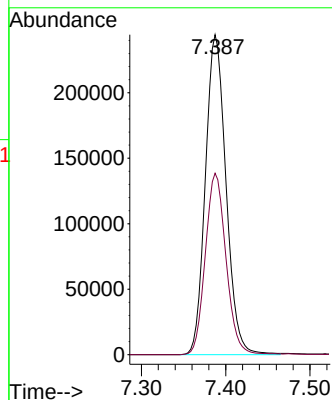
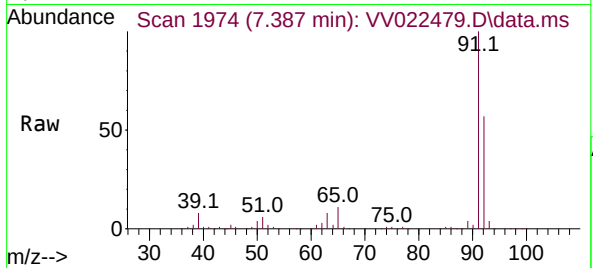




#42
Toluene
Concen: 50.293 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

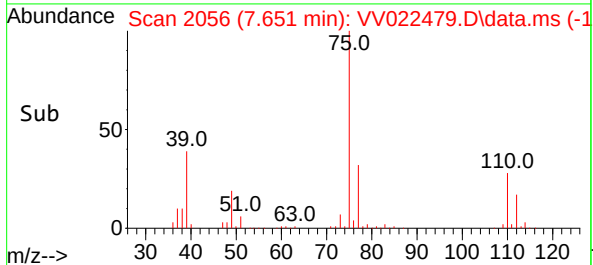
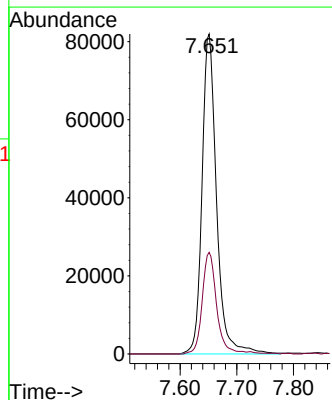
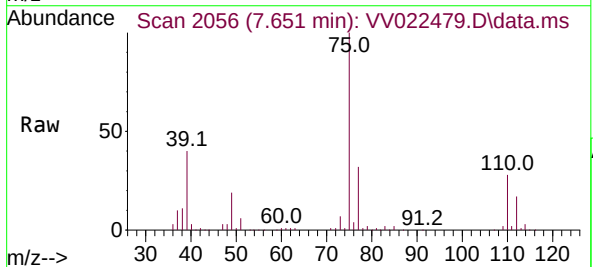
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

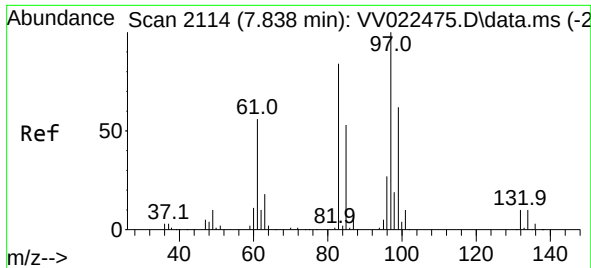
Tgt Ion: 91 Resp: 416700
Ion Ratio Lower Upper
91 100
92 56.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 50.045 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 75 Resp: 145930
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8

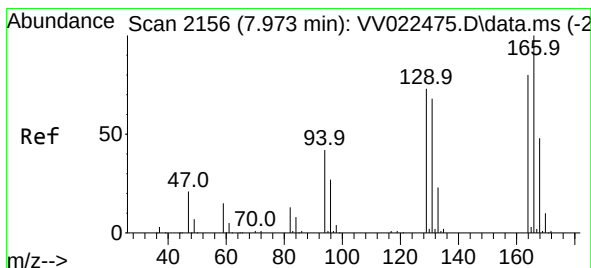
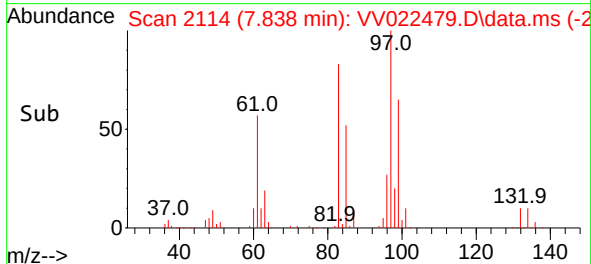
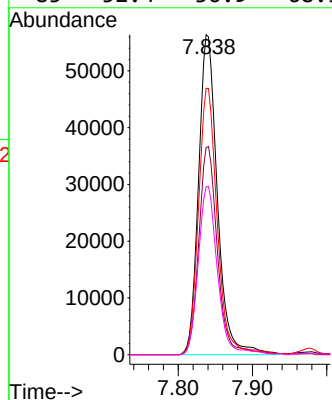
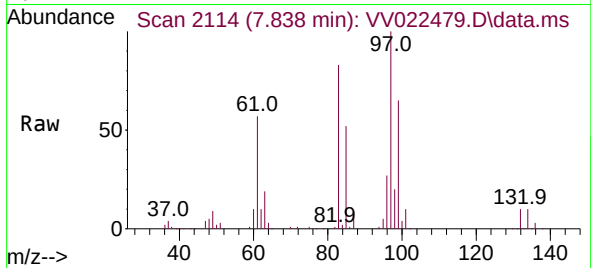




#45
1,1,2-Trichloroethane
Concen: 47.735 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

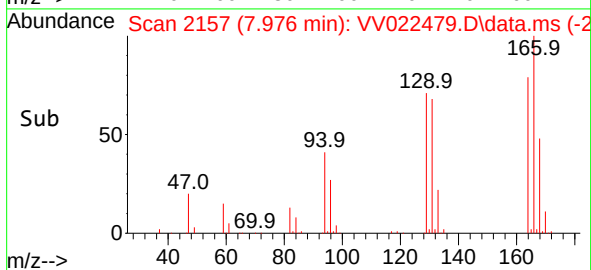
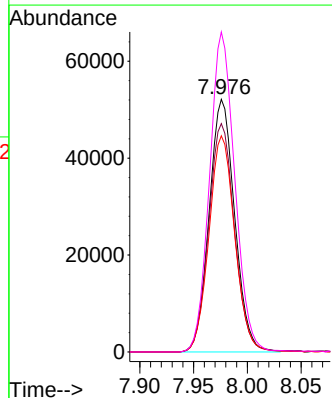
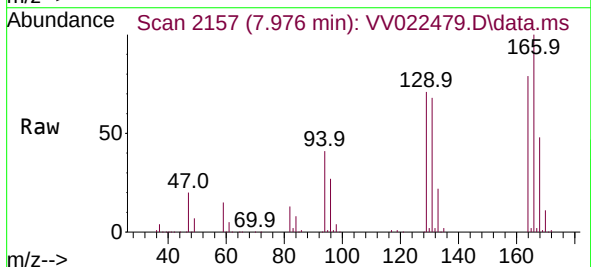
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

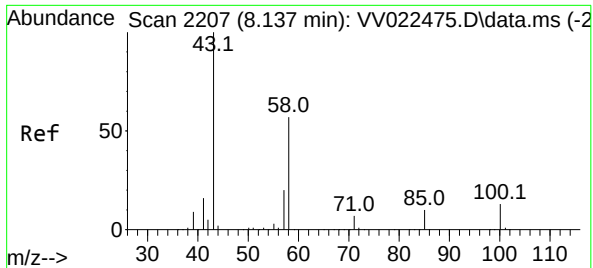
Tgt Ion:	97	Resp:	99510
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.1	80.1
83	83.2	58.6	108.8
85	52.4	36.9	68.5



#46
Tetrachloroethene
Concen: 50.117 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:	164	Resp:	86164
Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.6	120.0
131	85.5	59.9	111.3
166	126.6	88.0	163.4



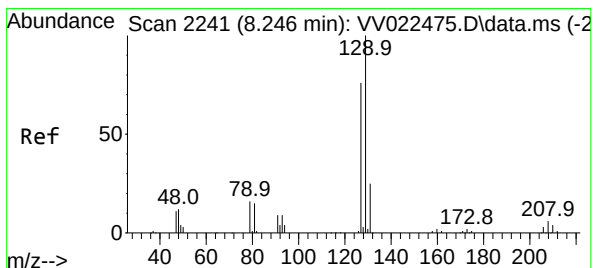
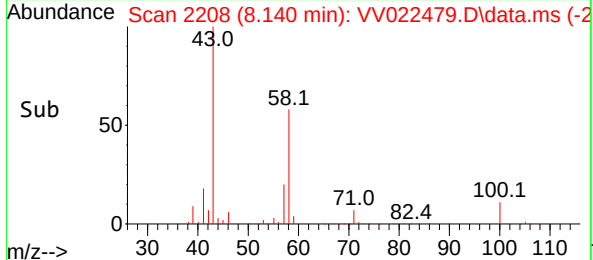
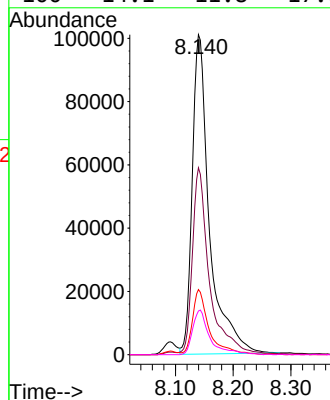
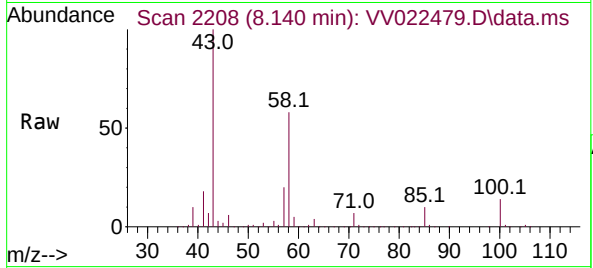


#48
2-Hexanone
Concen: 96.649 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

Tgt Ion: 43 Resp: 209167

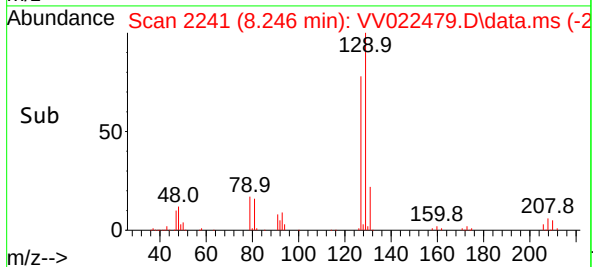
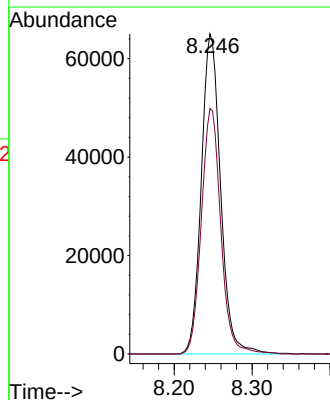
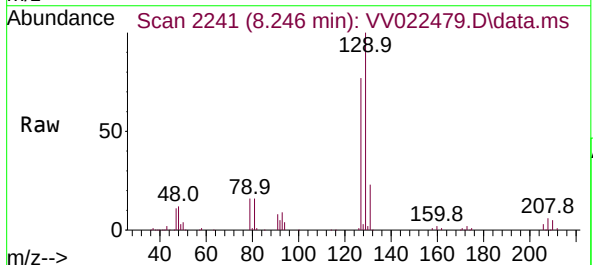
Ion	Ratio	Lower	Upper
43	100		
58	57.0	47.0	70.4
57	19.7	15.8	23.6
100	14.1	11.8	17.6

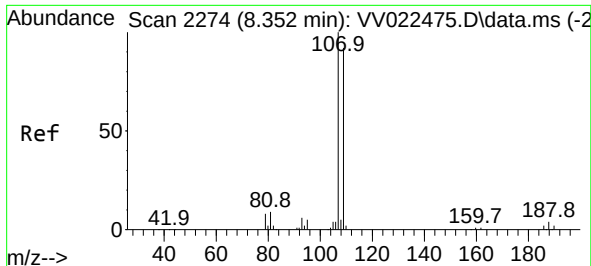


#49
Dibromochloromethane
Concen: 49.594 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 129 Resp: 111881

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.5	99.5

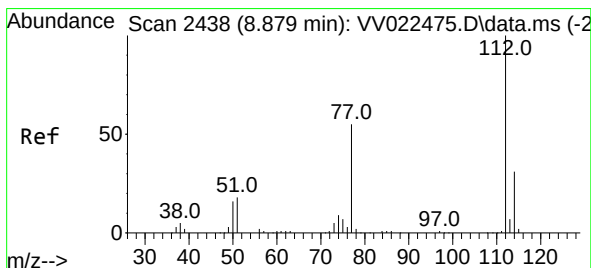
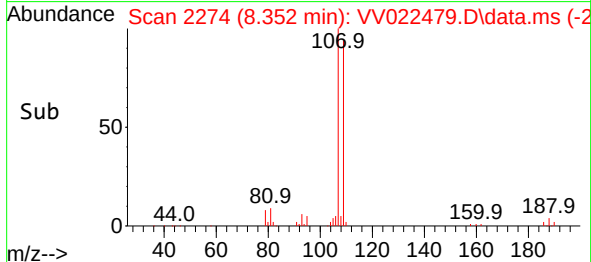
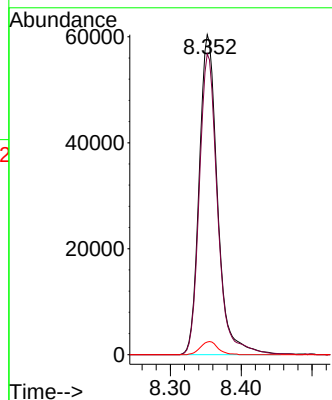
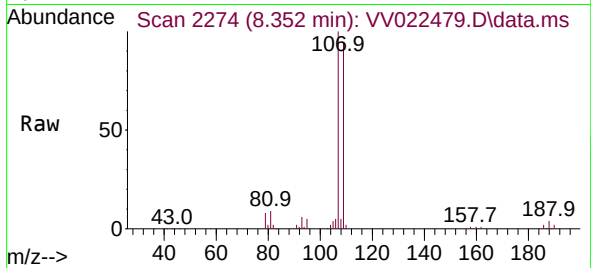




#50
1,2-Dibromoethane
Concen: 48.312 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

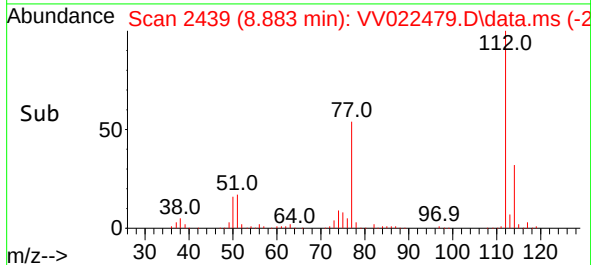
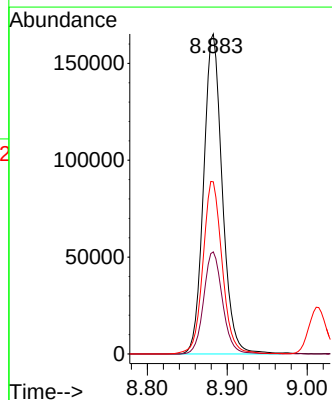
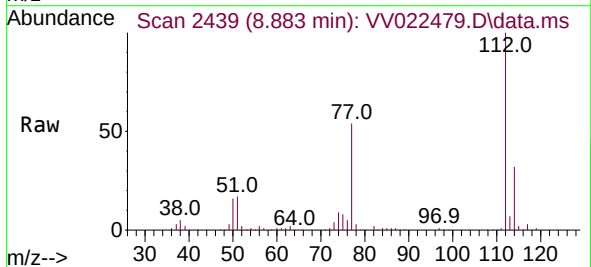
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

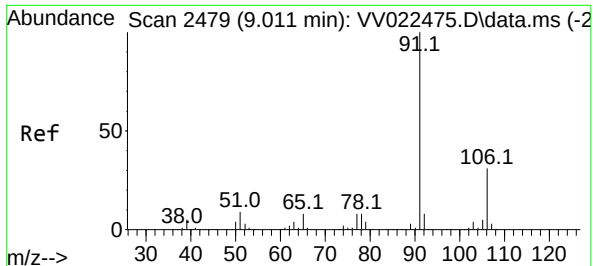
Tgt Ion:107 Resp: 108434
Ion Ratio Lower Upper
107 100
109 94.0 64.8 120.3
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 48.822 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:112 Resp: 269060
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 53.8 44.0 66.0

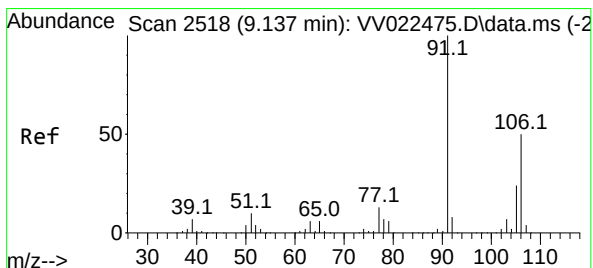
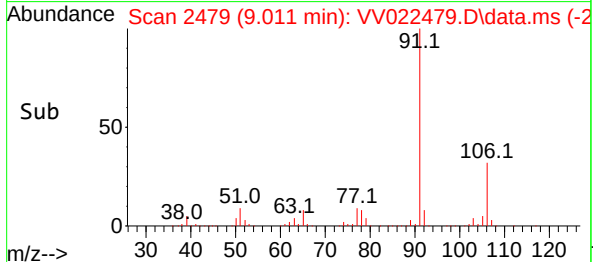
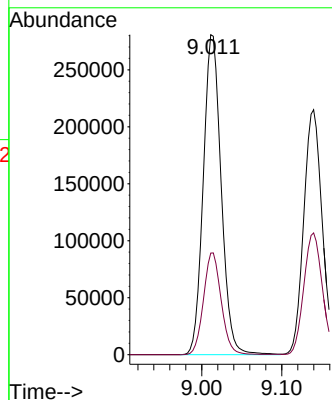
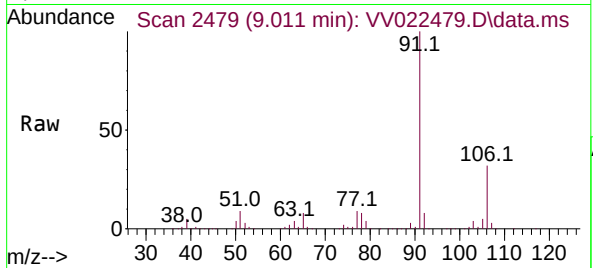




#52
Ethylbenzene
Concen: 50.835 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

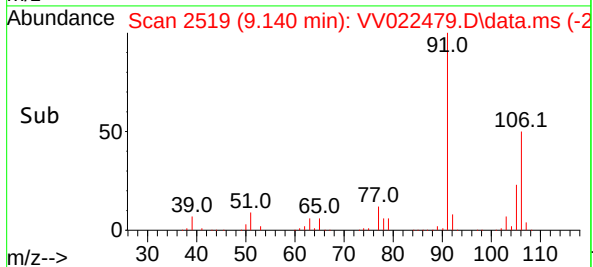
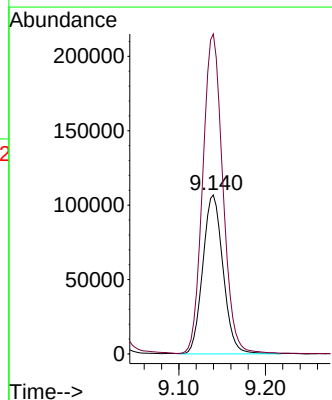
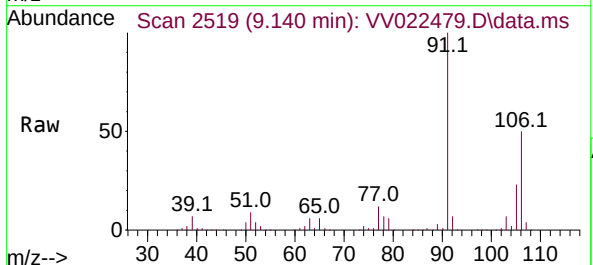
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

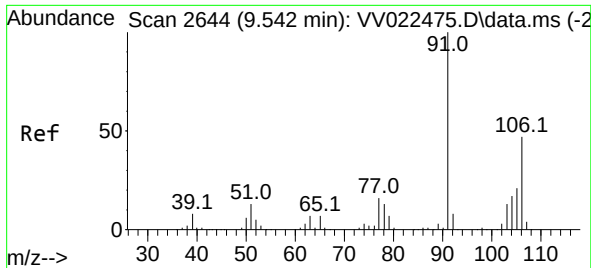
Tgt Ion: 91 Resp: 438361
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-Xylene
Concen: 50.838 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 106 Resp: 173688
Ion Ratio Lower Upper
106 100
91 201.2 139.4 258.8

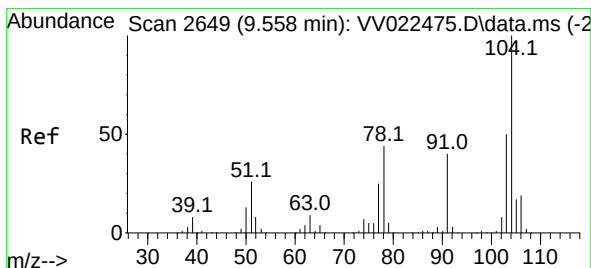
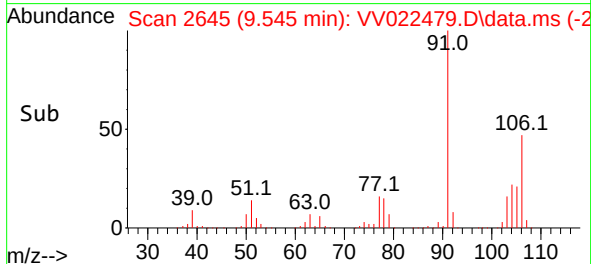
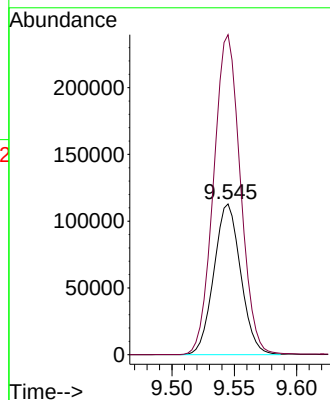
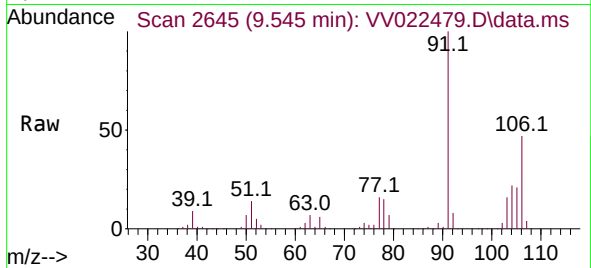




#54
o-Xylene
Concen: 50.861 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

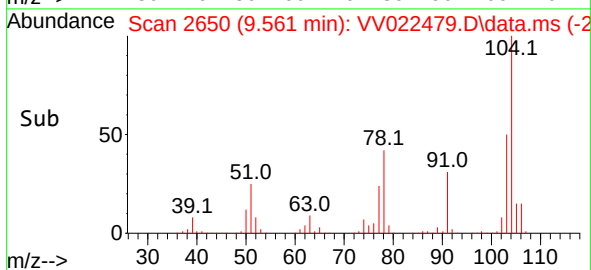
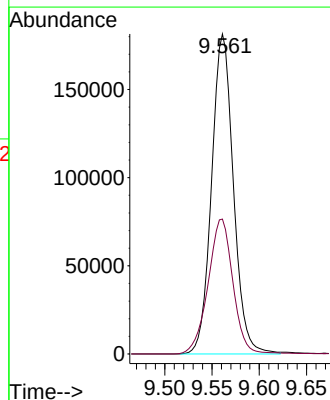
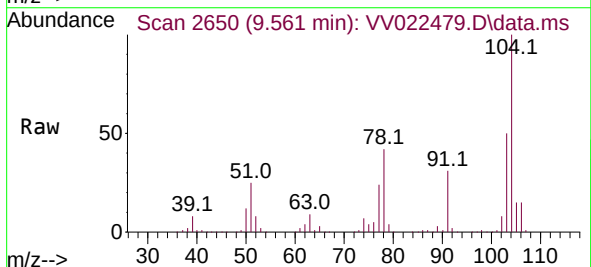
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

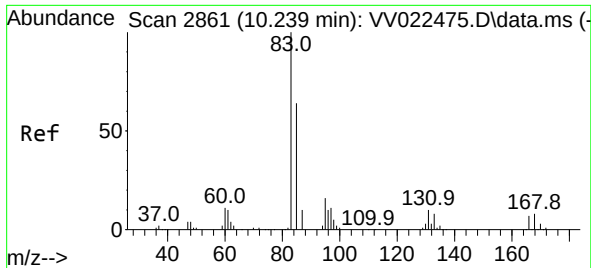
Tgt Ion:106 Resp: 169296
Ion Ratio Lower Upper
106 100
91 212.3 148.7 276.1



#55
Styrene
Concen: 50.993 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:104 Resp: 291283
Ion Ratio Lower Upper
104 100
78 42.2 30.6 56.8

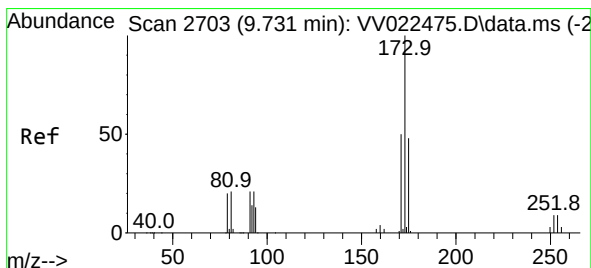
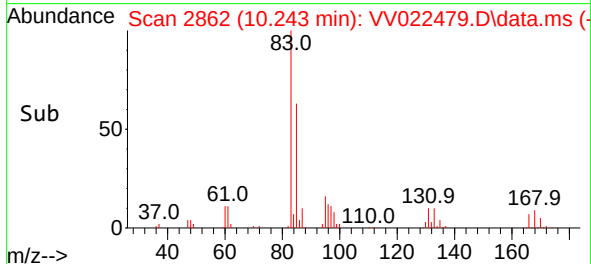
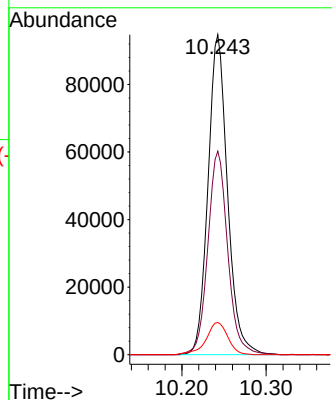
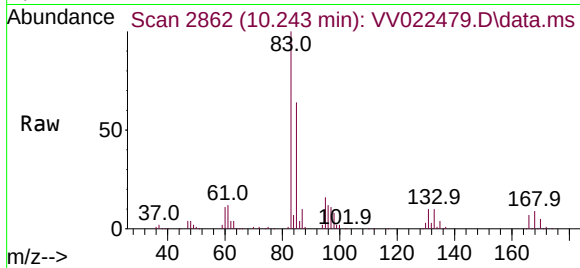




#57
1,1,2,2-Tetrachloroethane
Concen: 47.328 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

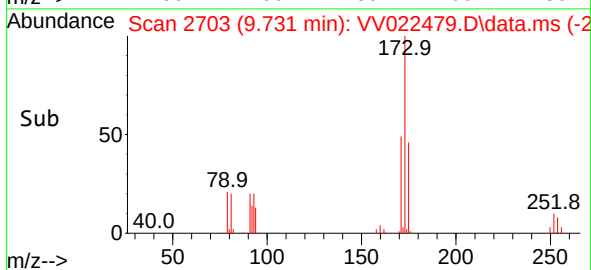
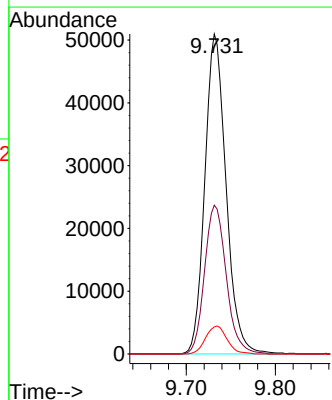
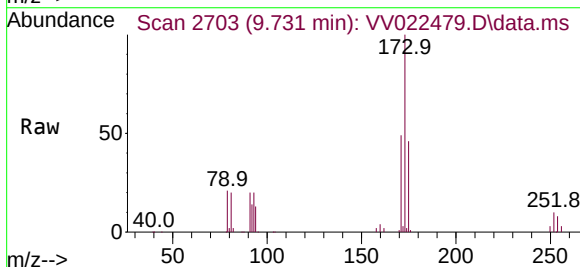
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

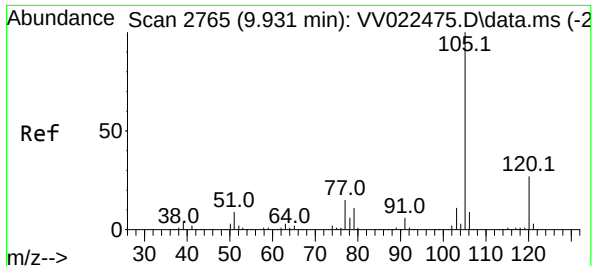
Tgt Ion: 83 Resp: 152488
Ion Ratio Lower Upper
83 100
85 63.6 45.2 84.0
131 10.0 8.2 12.4



#59
Bromoform
Concen: 49.768 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 173 Resp: 84198
Ion Ratio Lower Upper
173 100
175 47.5 38.3 57.5
254 8.8 7.0 10.6

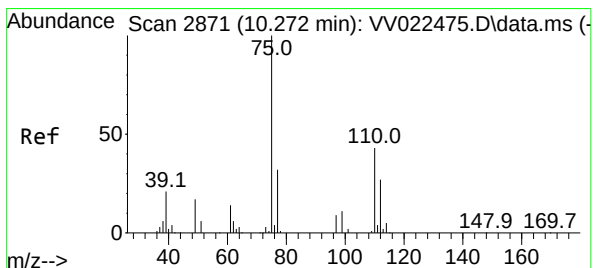
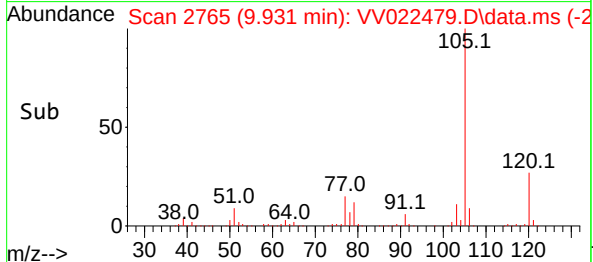
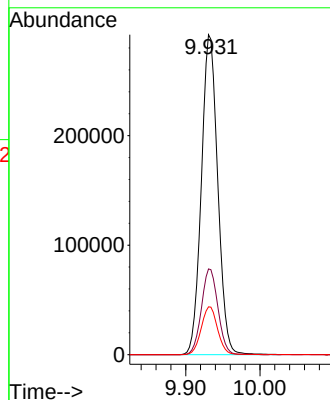
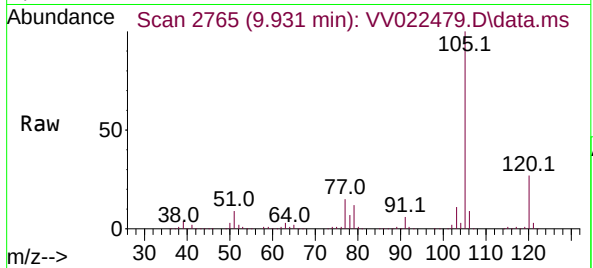




#60
Isopropylbenzene
Concen: 51.442 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

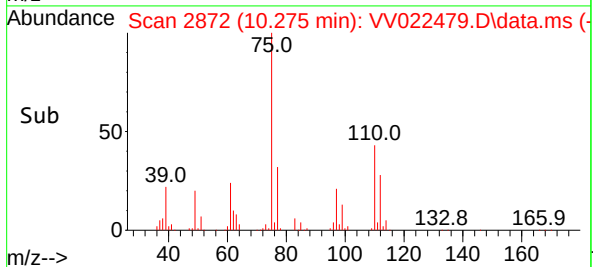
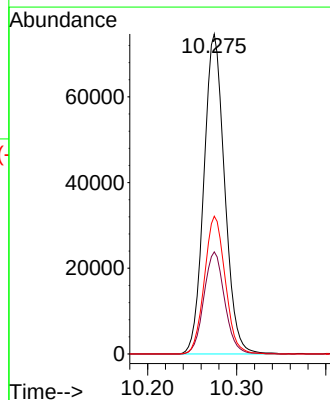
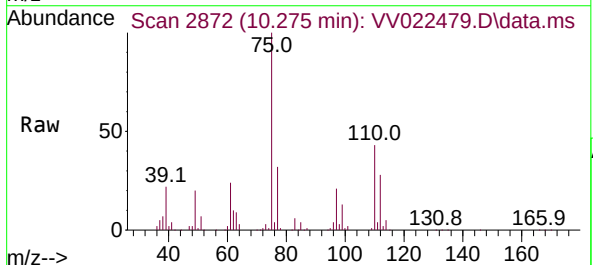
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

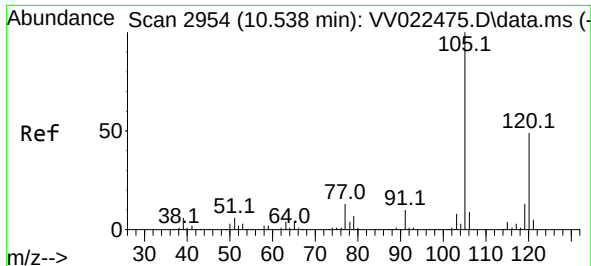
Tgt Ion:105 Resp: 447802
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 46.378 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion: 75 Resp: 120677
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 43.1 34.3 51.5

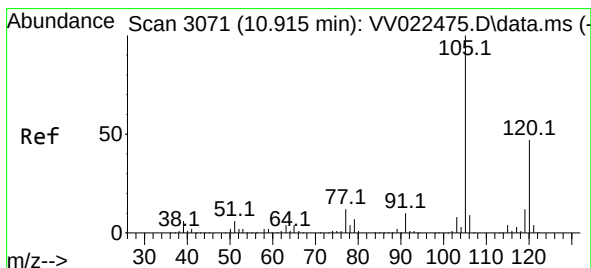
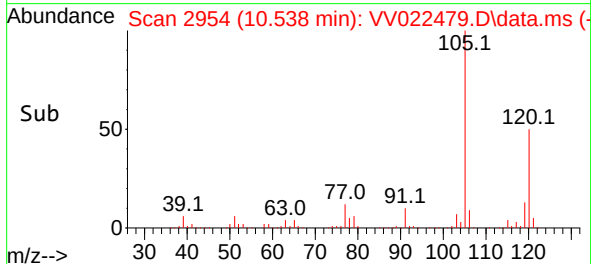
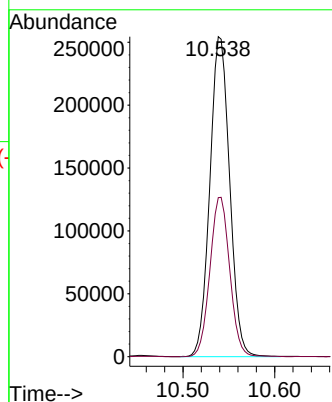
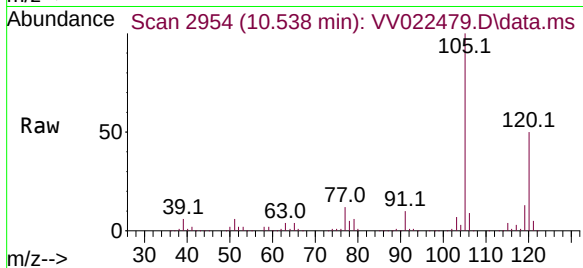




#62
1,3,5-Trimethylbenzene
Concen: 52.086 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

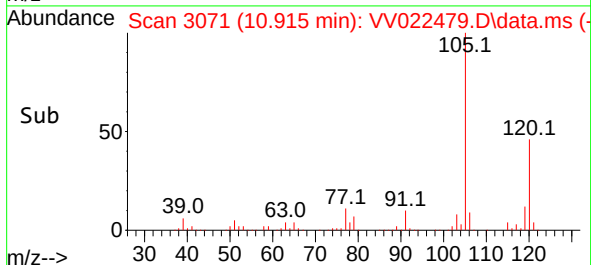
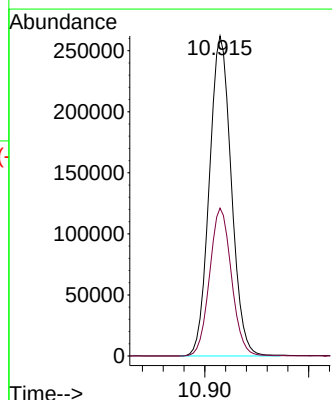
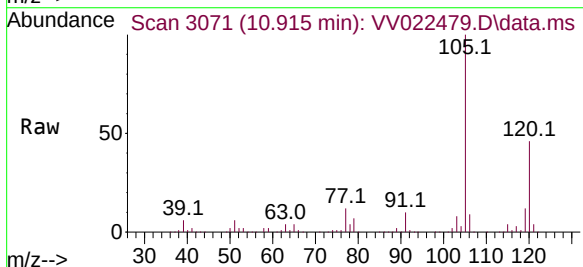
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

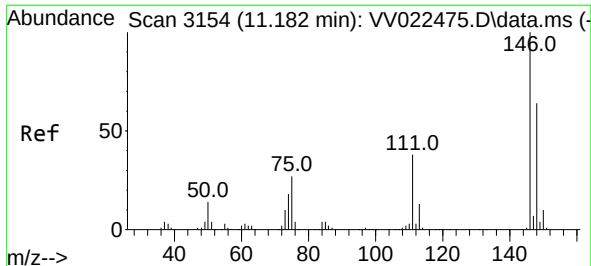
Tgt Ion:105 Resp: 381763
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 52.748 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:105 Resp: 384343
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

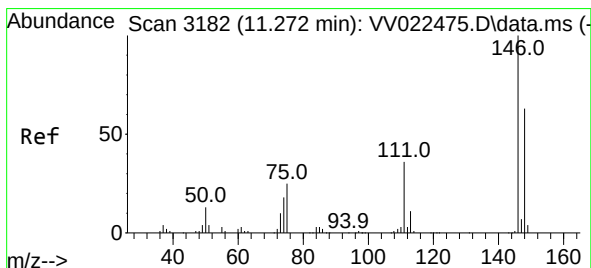
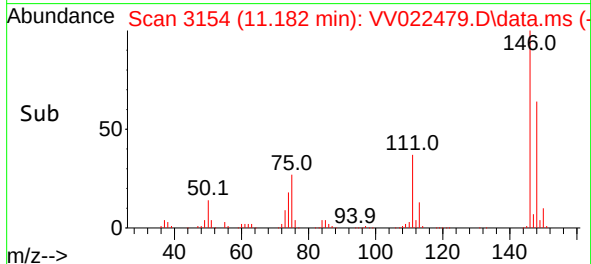
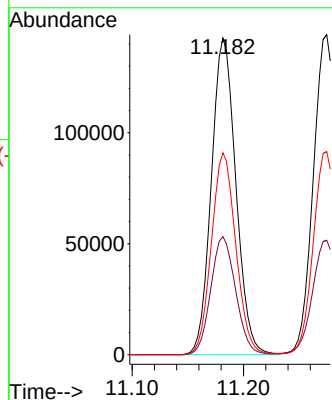
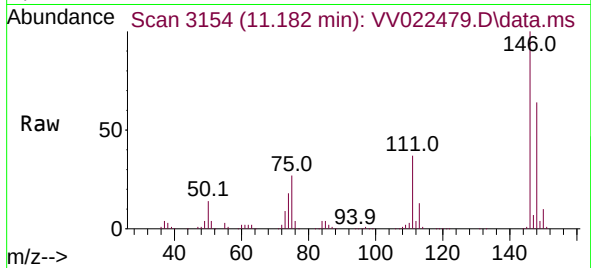




#64
1,3-Dichlorobenzene
Concen: 49.399 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

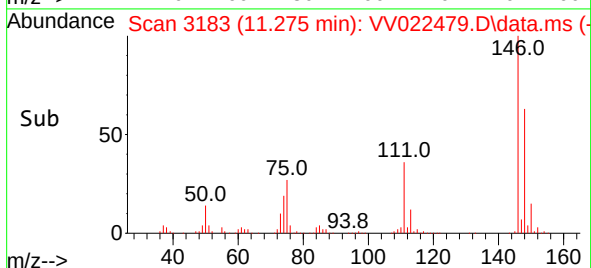
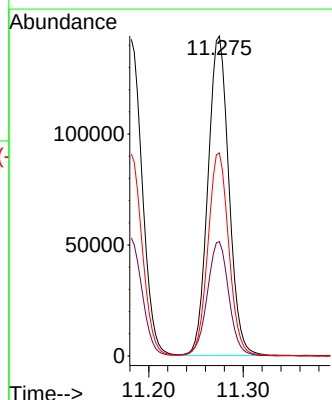
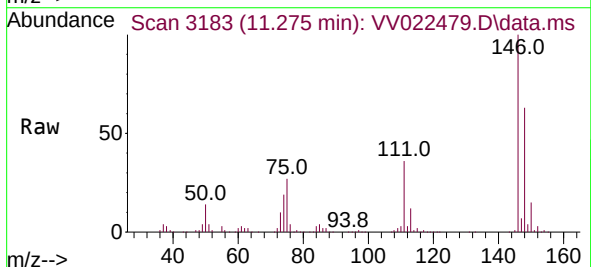
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

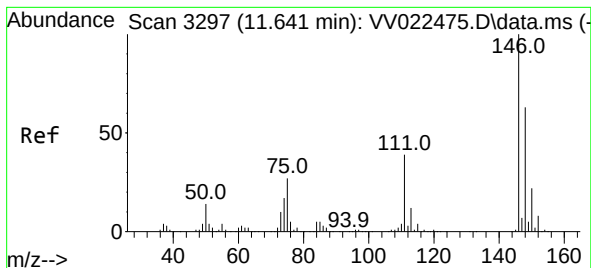
Tgt Ion:146 Resp: 218164
Ion Ratio Lower Upper
146 100
111 37.3 26.5 49.3
148 63.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.229 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:146 Resp: 221212
Ion Ratio Lower Upper
146 100
111 35.8 25.5 47.3
148 63.4 43.9 81.5

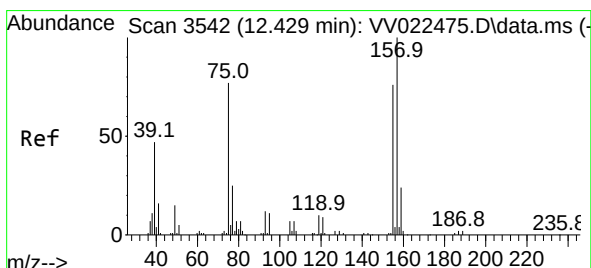
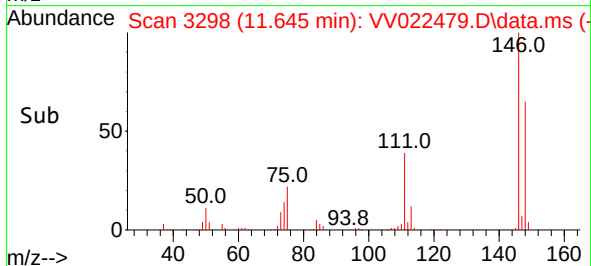
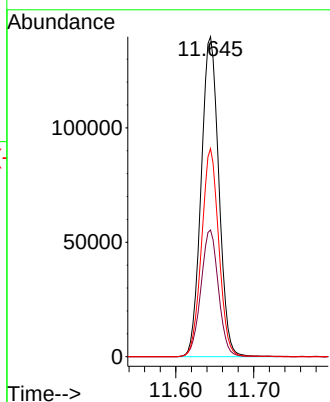
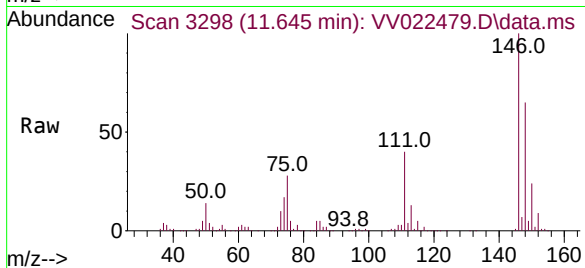




#67
1,2-Dichlorobenzene
Concen: 48.820 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

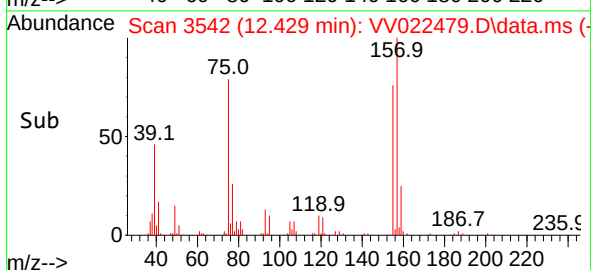
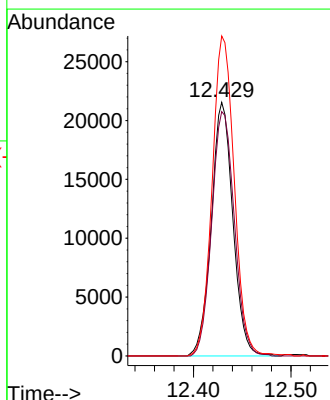
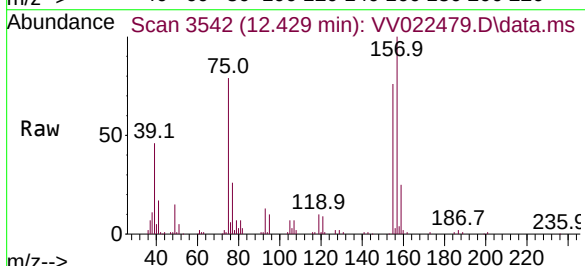
Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

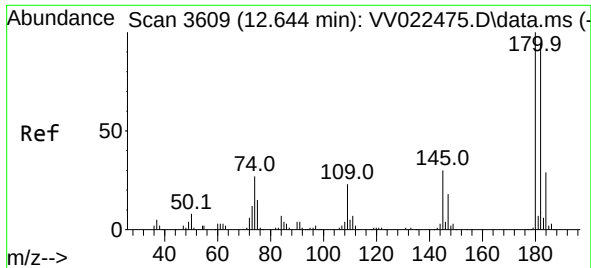
Tgt Ion:146 Resp: 220341
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 65.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.570 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

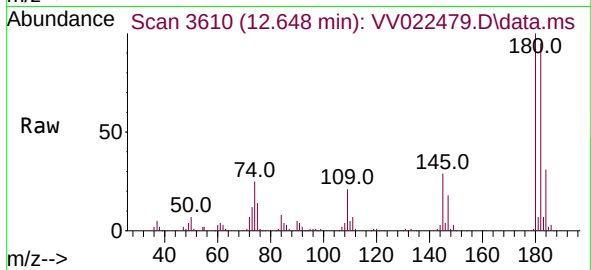
Tgt Ion: 75 Resp: 33200
Ion Ratio Lower Upper
75 100
155 96.3 79.1 118.7
157 126.2 104.2 156.2



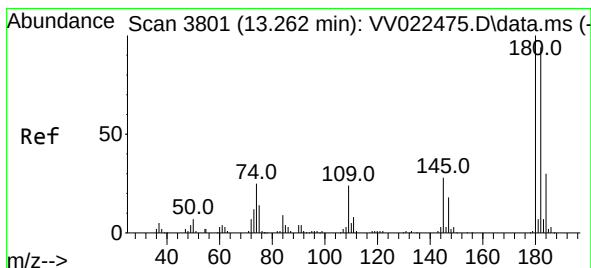
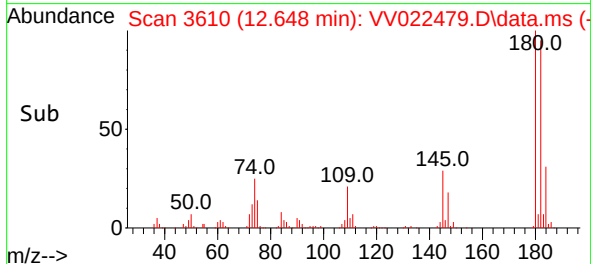
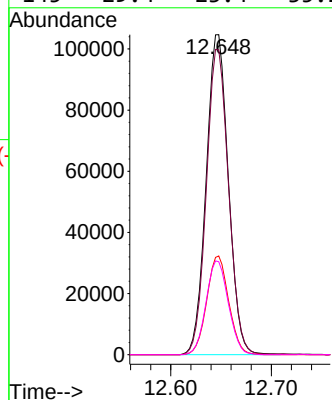


#69
1,3,5-Trichlorobenzene
Concen: 49.018 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

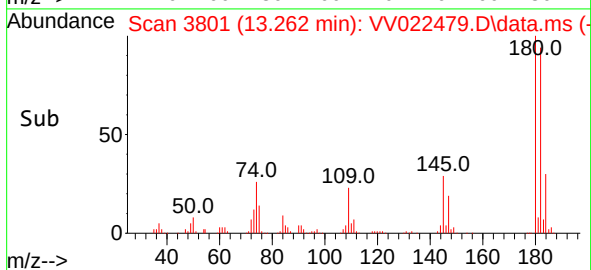
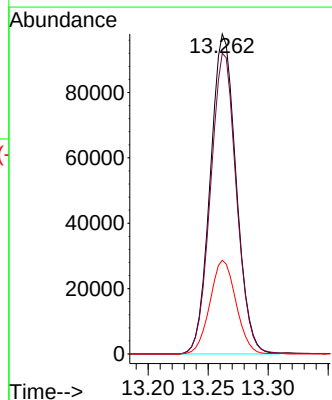
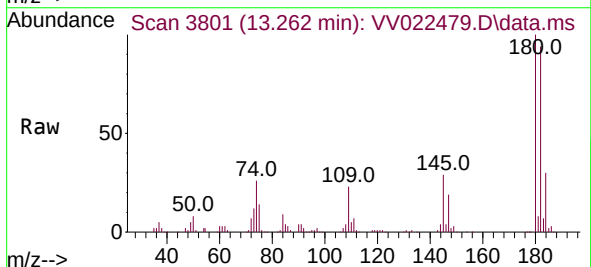


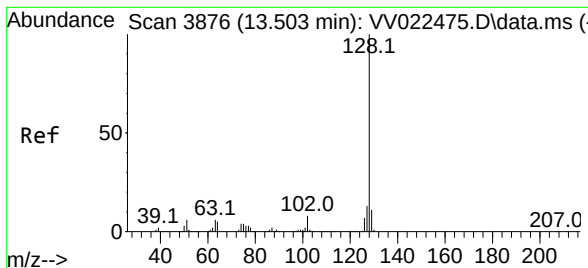
Tgt Ion:180 Resp: 160853
Ion Ratio Lower Upper
180 100
182 95.3 75.0 112.4
184 30.5 23.6 35.4
145 29.4 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 49.655 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:180 Resp: 146523
Ion Ratio Lower Upper
180 100
182 94.1 75.5 113.3
145 29.5 23.0 34.4

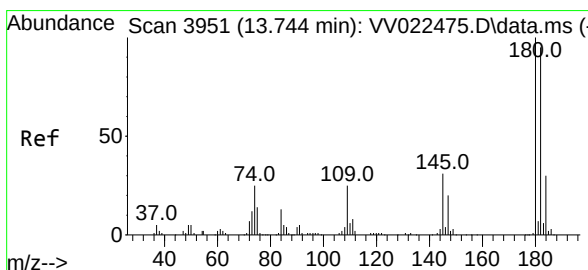
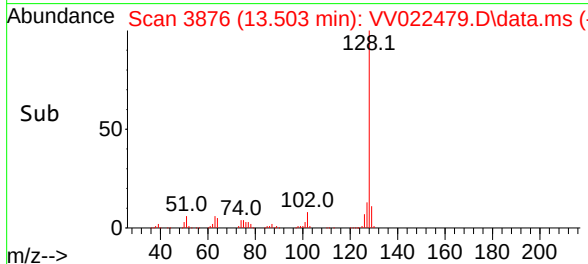
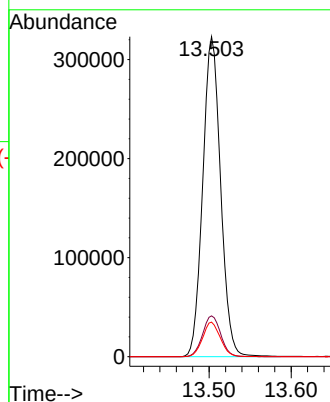
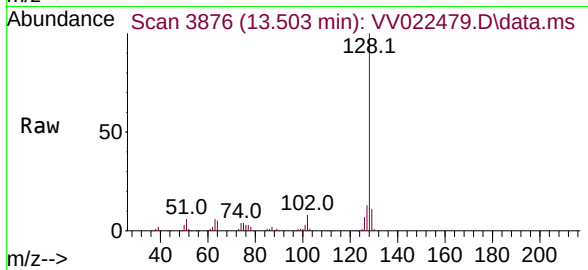




#71
Naphthalene
Concen: 50.299 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD050355

Tgt Ion:128 Resp: 488742
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.625 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022479.D
Acq: 01 Oct 2021 21:42

Tgt Ion:180 Resp: 151349
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
145 31.6 24.6 36.8

