

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102121\
 Data File : VW022949.D
 Acq On : 21 Oct 2021 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050362

Quant Time: Oct 22 03:38:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 13 01:15:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	312603	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	304622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	176805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	109458	56.617	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	113.240%	
7) Chloroethane-d5	1.568	69	66938	44.046	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	88.100%	
11) 1,1-Dichloroethene-d2	2.108	63	169395	44.436	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.880%	
21) 2-Butanone-d5	3.883	46	124992	117.452	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	117.450%	
24) Chloroform-d	4.346	84	175232	49.609	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.220%	
26) 1,2-Dichloroethane-d4	5.031	65	108943	53.168	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.340%	
32) Benzene-d6	5.047	84	369969	52.425	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.860%	
36) 1,2-Dichloropropane-d6	6.069	67	114446	52.679	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	105.360%	
41) Toluene-d8	7.314	98	344099	53.156	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	106.320%	
43) trans-1,3-Dichloroprop...	7.619	79	55553	54.046	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	108.100%	
47) 2-Hexanone-d5	8.088	63	90695	100.775	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	100.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	158118	52.340	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.680%	
66) 1,2-Dichlorobenzene-d4	11.625	152	144512	50.121	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151516	48.464	ug/L	99
3) Chloromethane	1.240	50	146068	46.985	ug/L	100
5) Vinyl chloride	1.311	62	149853	50.853	ug/L	98
6) Bromomethane	1.523	94	110331	53.625	ug/L	100
8) Chloroethane	1.584	64	75266	41.879	ug/L	99
9) Trichlorofluoromethane	1.751	101	181267	44.787	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	102899	44.913	ug/L	97
12) 1,1-Dichloroethene	2.118	96	95795	43.869	ug/L	98
13) Acetone	2.430	43	117493	87.400	ug/L	72
14) Carbon disulfide	2.294	76	336232	50.973	ug/L	99
15) Methyl Acetate	2.430	43	125040	50.988	ug/L	97
16) Methylene chloride	2.507	84	132136	48.162	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	122188	50.974	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	355960	48.099	ug/L	100
19) 1,1-Dichloroethane	3.188	63	218674	51.557	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	129496	50.709	ug/L	97
22) 2-Butanone	3.963	43	183134	103.462	ug/L	85
23) Bromochloromethane	4.246	128	71782	51.164	ug/L	92
25) Chloroform	4.372	83	232943	54.579	ug/L	98

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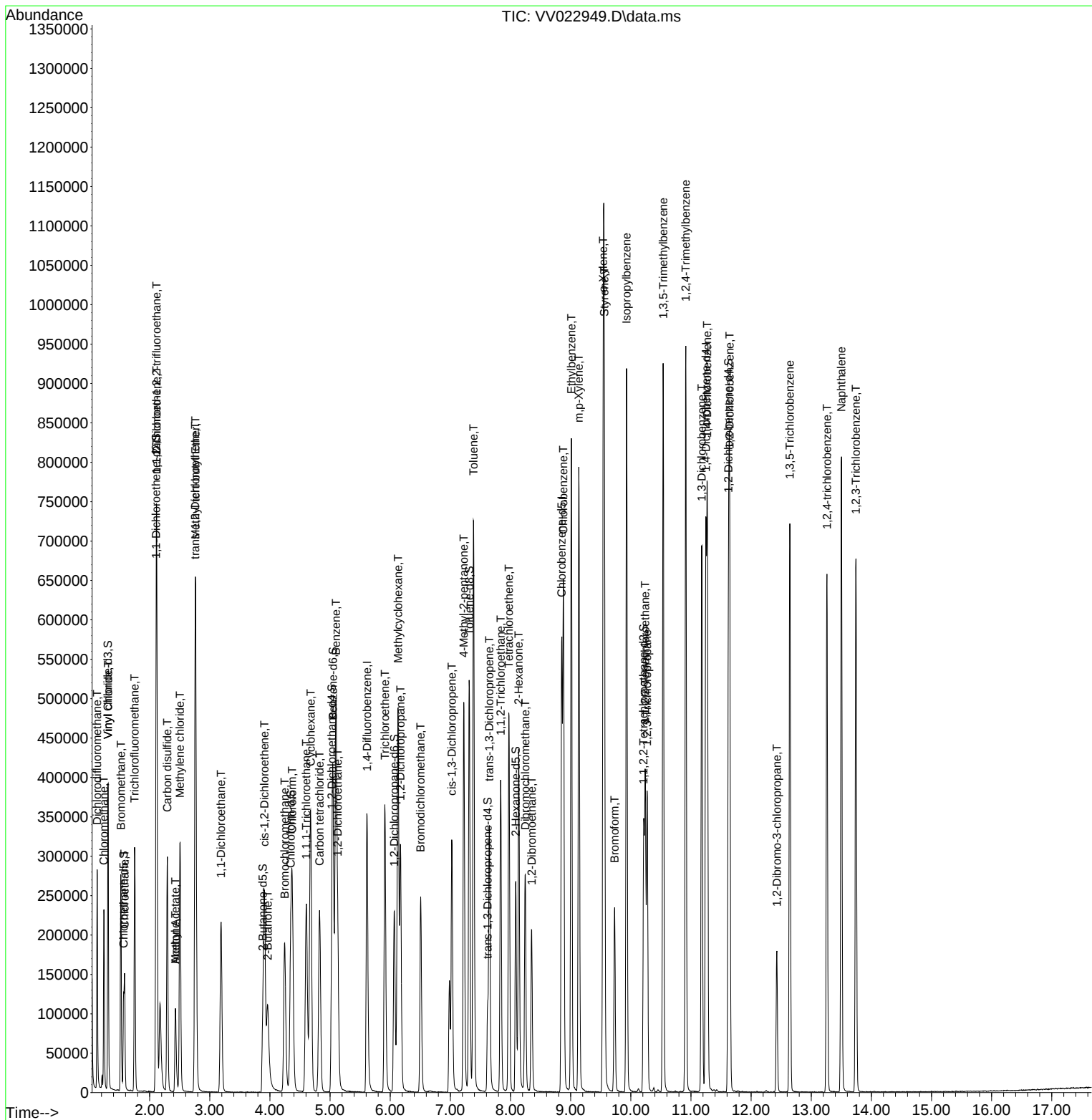
Instrument :
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 ClientSampleId :
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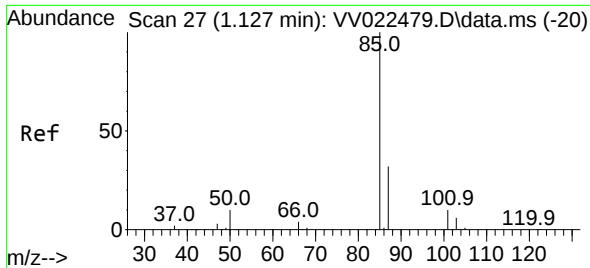
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	161261	52.179	ug/L	99
29) Cyclohexane	4.677	56	192890	54.325	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	194901	51.218	ug/L	98
31) Carbon tetrachloride	4.825	117	175050	52.363	ug/L	100
33) Benzene	5.098	78	494644	52.590	ug/L	100
34) Trichloroethene	5.912	95	127057	51.737	ug/L	99
35) Methylcyclohexane	6.130	83	207160	55.632	ug/L	98
37) 1,2-Dichloropropane	6.172	63	127690	53.023	ug/L	99
38) Bromodichloromethane	6.507	83	165267	52.833	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	191753	52.946	ug/L	98
40) 4-Methyl-2-pentanone	7.224	43	317344	93.786	ug/L	100
42) Toluene	7.384	91	538674	54.368	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	188565	54.077	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	124685	50.017	ug/L	98
46) Tetrachloroethene	7.973	164	111646	54.305	ug/L	97
48) 2-Hexanone	8.137	43	263679	101.887	ug/L	98
49) Dibromochloromethane	8.246	129	143787	53.300	ug/L	99
50) 1,2-Dibromoethane	8.352	107	134025	49.936	ug/L	97
51) Chlorobenzene	8.879	112	349996	53.108	ug/L	99
52) Ethylbenzene	9.011	91	563988	54.694	ug/L	100
53) m,p-Xylene	9.137	106	224393	54.924	ug/L	99
54) o-Xylene	9.542	106	214199	53.814	ug/L	99
55) Styrene	9.561	104	388694	56.903	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	192633	49.997	ug/L	99
59) Bromoform	9.731	173	105782	48.386	ug/L	99
60) Isopropylbenzene	9.931	105	570771	50.740	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	150549	44.774	ug/L	99
62) 1,3,5-Trimethylbenzene	10.539	105	478532	50.524	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	492542	52.311	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	290377	50.881	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	298205	50.312	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	287450	49.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	40693	44.172	ug/L	95
69) 1,3,5-Trichlorobenzene	12.645	180	223230	52.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	199094	52.212	ug/L	99
71) Naphthalene	13.503	128	615971	49.057	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	205710	52.195	ug/L	99

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

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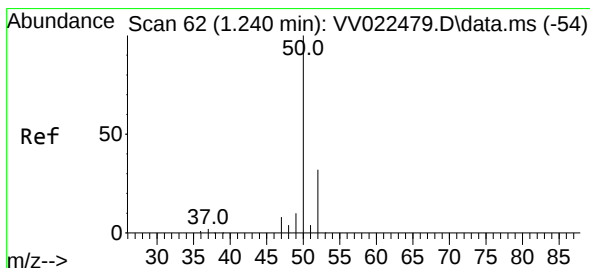
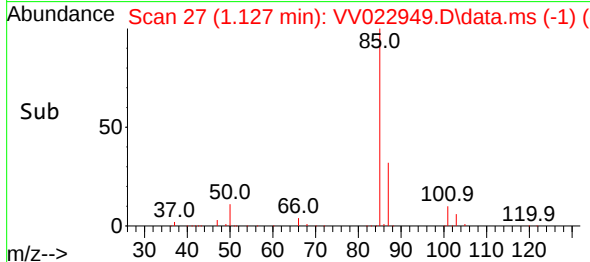
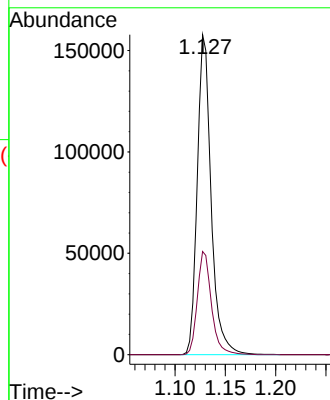
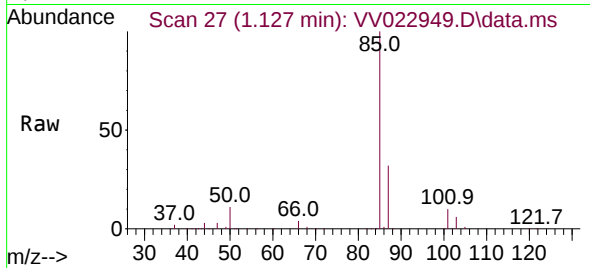




#2
 Dichlorodifluoromethane
 Concen: 48.464 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022949.D
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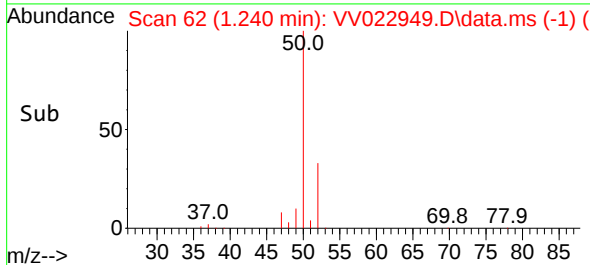
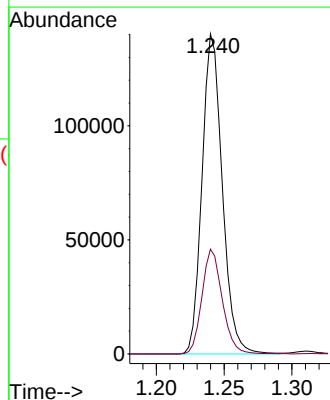
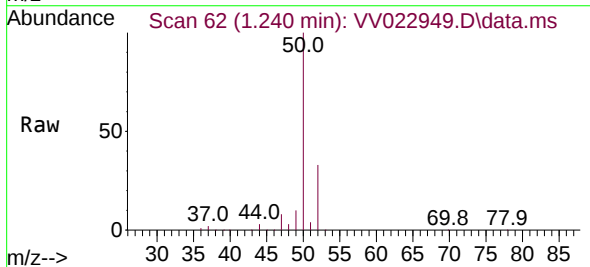
Instrument :
 MSVOA_V
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 VSTD050362

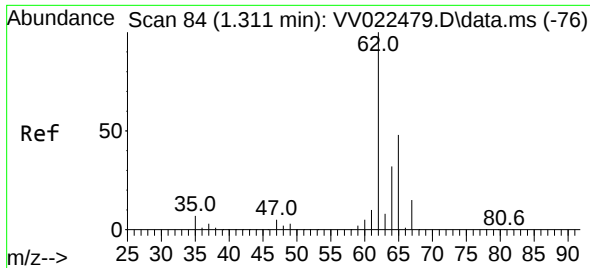
Tgt Ion: 85 Resp: 151516
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 46.985 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022949.D
 Acq: 21 Oct 2021 10:28

Tgt Ion: 50 Resp: 146068
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8

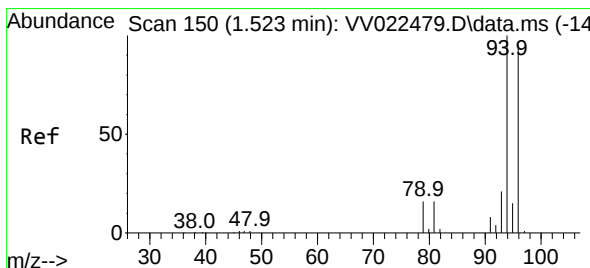
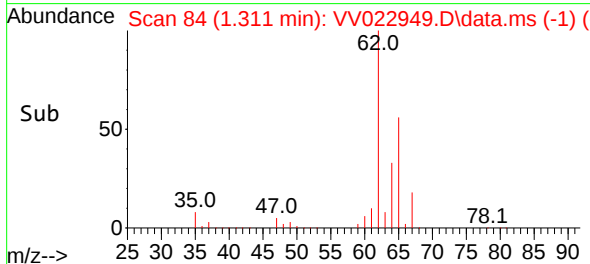
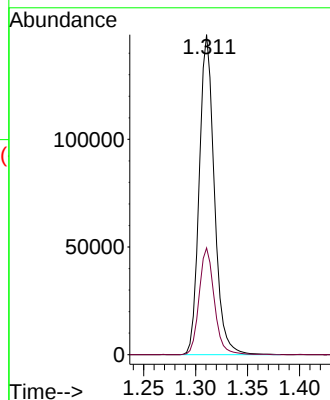
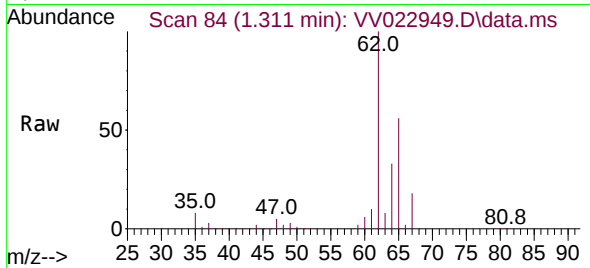




#5
 Vinyl chloride
 Concen: 50.853 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022949.D
 Acq: 21 Oct 2021 10:28

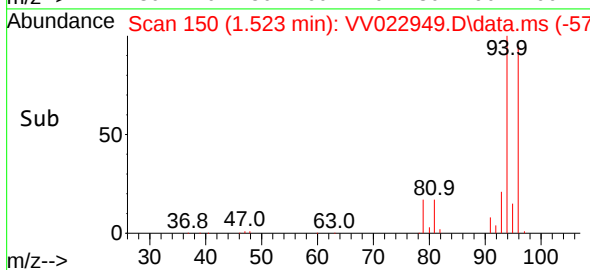
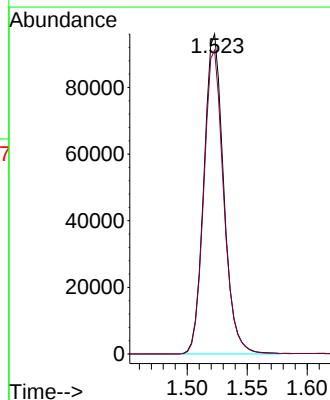
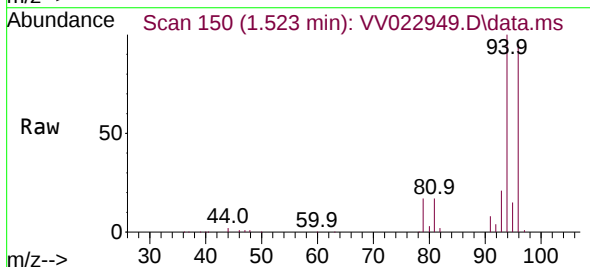
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 ClientSampleId :
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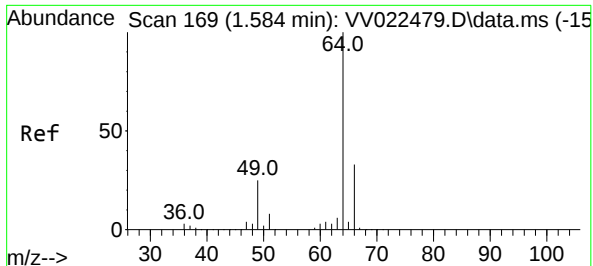
Tgt Ion: 62 Resp: 149853
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.5 41.9



#6
 Bromomethane
 Concen: 53.625 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV022949.D
 Acq: 21 Oct 2021 10:28

Tgt Ion: 94 Resp: 110331
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.2

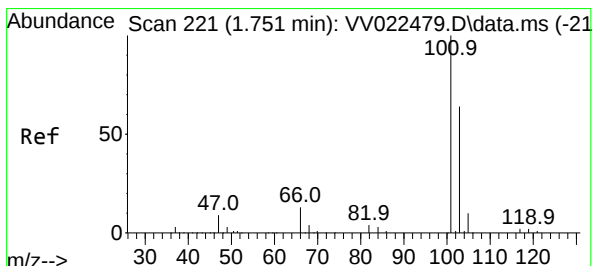
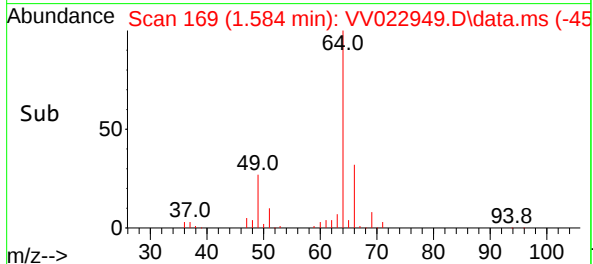
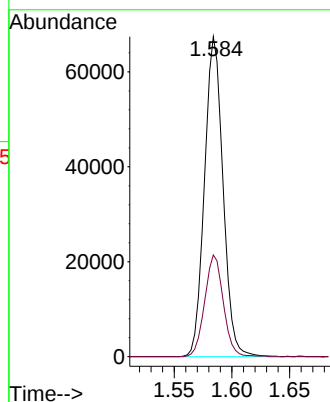
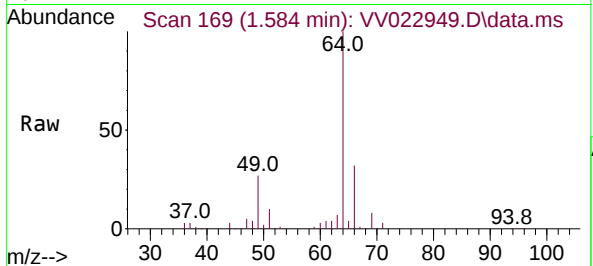




#8
Chloroethane
Concen: 41.879 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

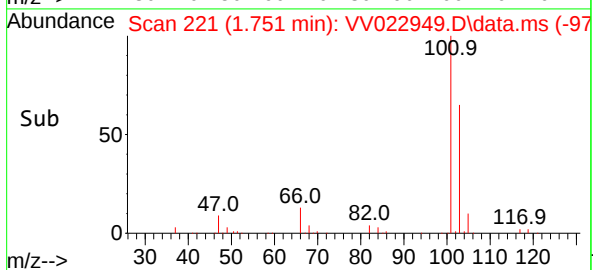
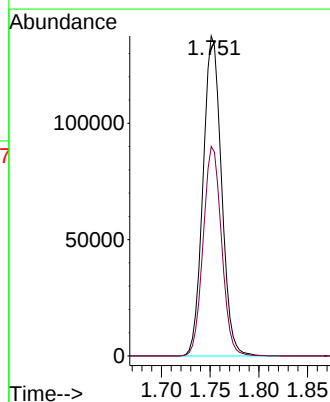
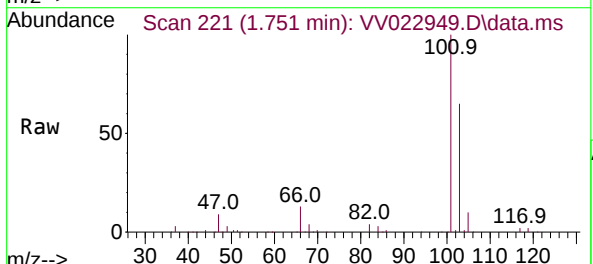
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

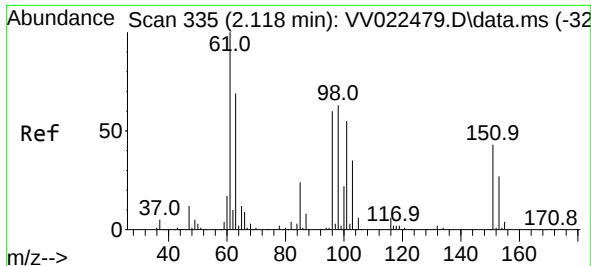
Tgt Ion: 64 Resp: 75266
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 44.787 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:101 Resp: 181267
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5





#10

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

Concen: 44.913 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion:101 Resp: 102899

Ion Ratio Lower Upper

101 100

85 43.0 34.7 52.1

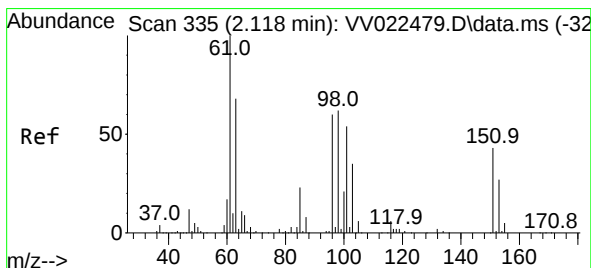
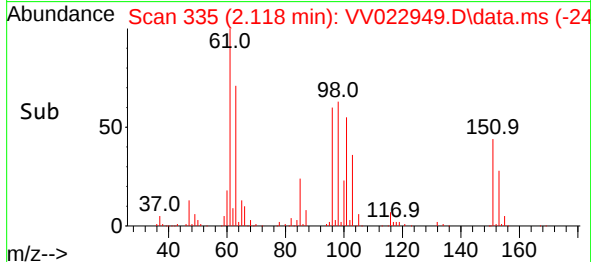
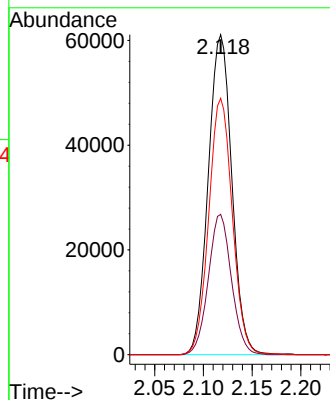
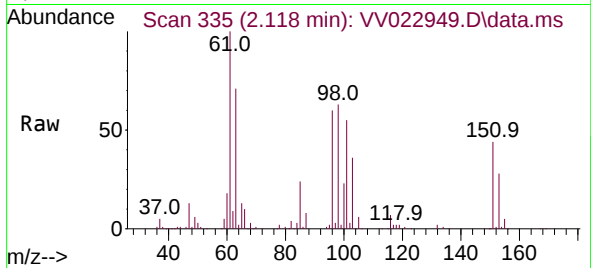
151 80.0 61.3 91.9

Instrument :

MSVOA_V

ClientSampleId :

VSTD050362



#12

1,1-Dichloroethene

Concen: 43.869 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

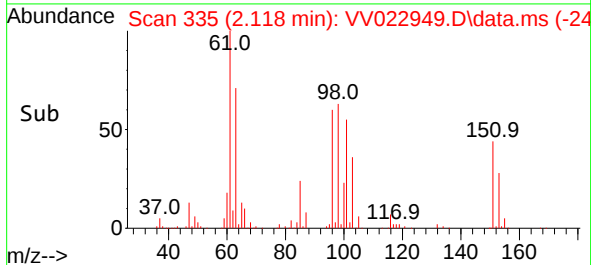
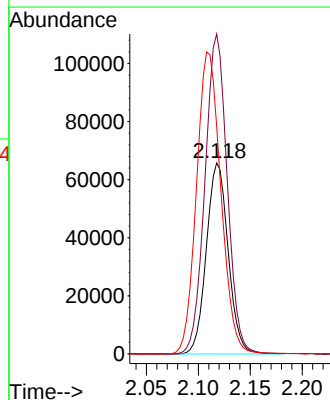
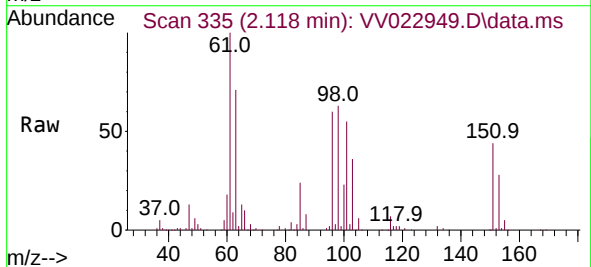
Tgt Ion: 96 Resp: 95795

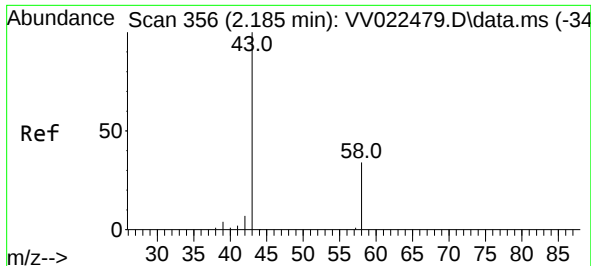
Ion Ratio Lower Upper

96 100

61 167.5 118.0 219.2

63 119.1 86.4 160.4

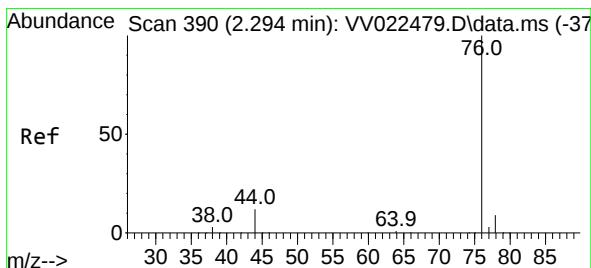
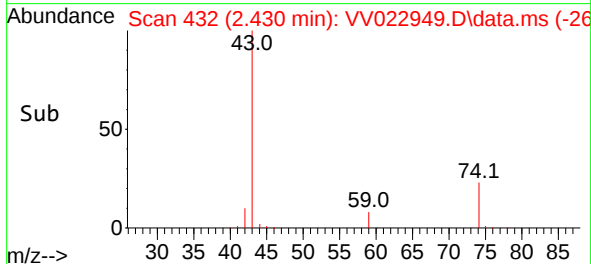
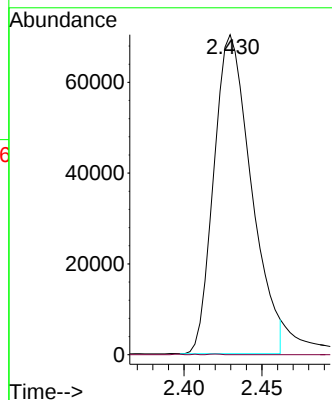
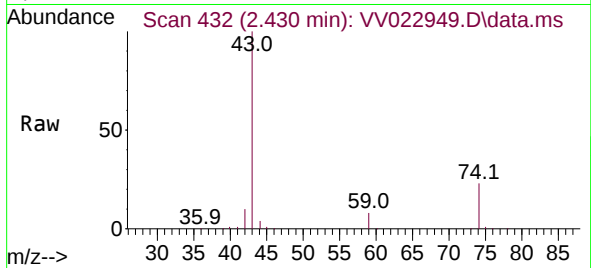




#13
Acetone
Concen: 87.400 ug/L
RT: 2.430 min Scan# 432
Delta R.T. 0.254 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

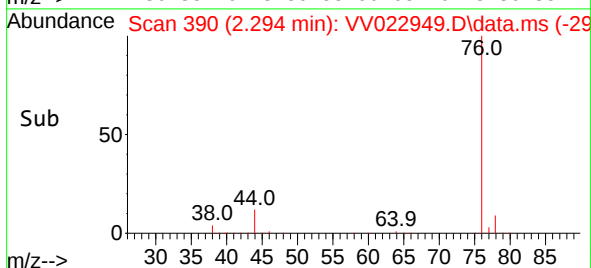
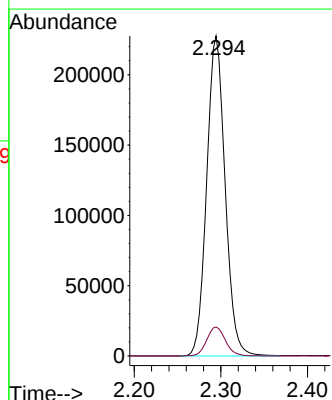
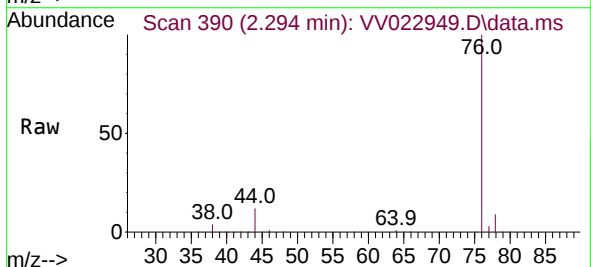
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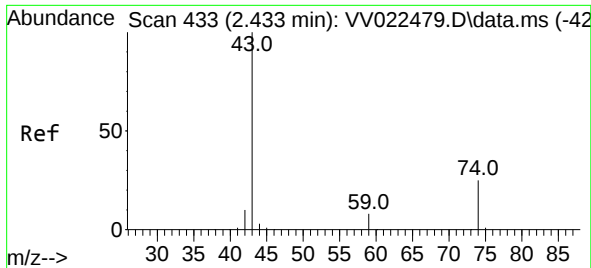
Tgt Ion: 43 Resp: 117493
Ion Ratio Lower Upper
43 100
58 0.1 0.0 21.2



#14
Carbon disulfide
Concen: 50.973 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 76 Resp: 336232
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

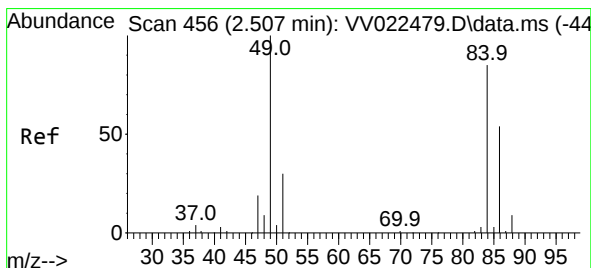
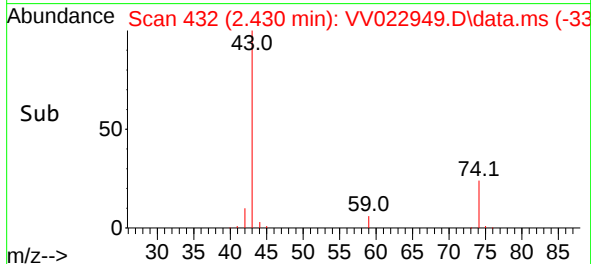
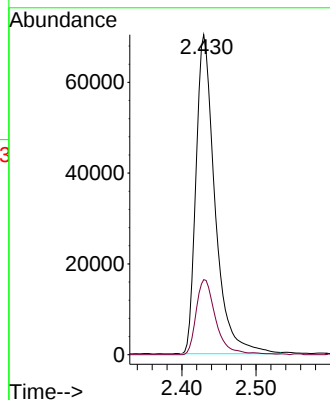
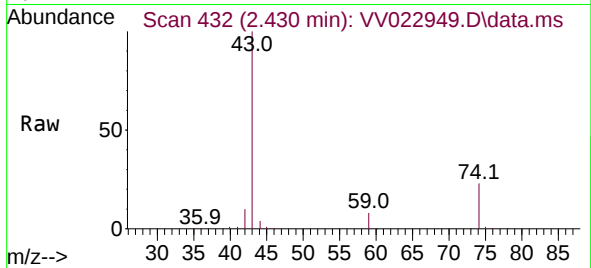




#15
Methyl Acetate
Concen: 50.988 ug/L
RT: 2.430 min Scan# 432
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

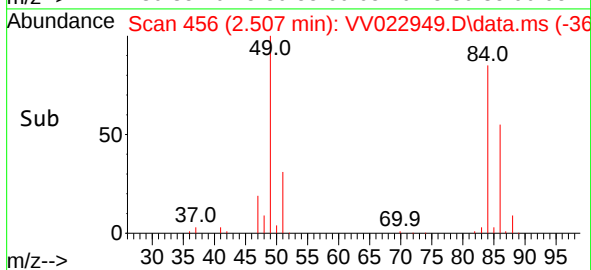
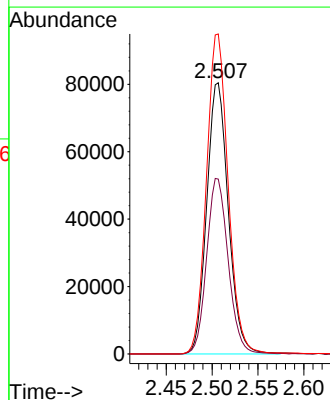
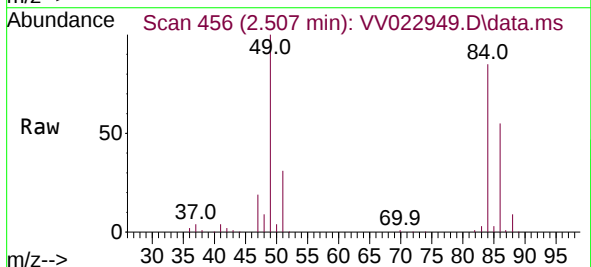
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

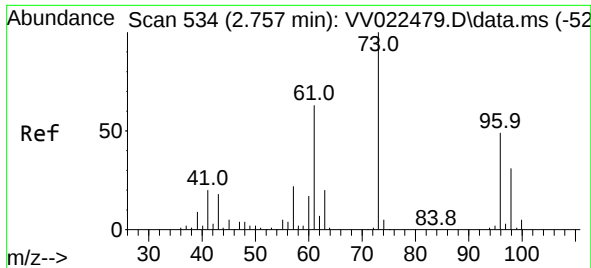
Tgt Ion: 43 Resp: 125040
Ion Ratio Lower Upper
43 100
74 23.9 20.6 30.8



#16
Methylene chloride
Concen: 48.162 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 84 Resp: 132136
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 118.0 82.7 153.7

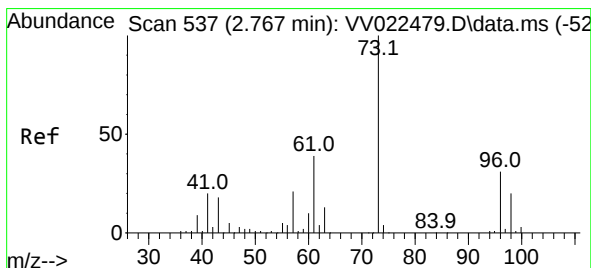
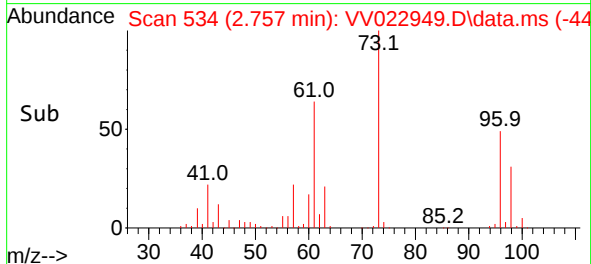
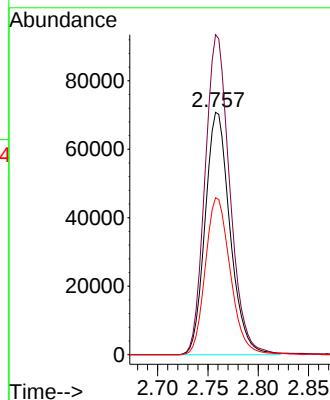
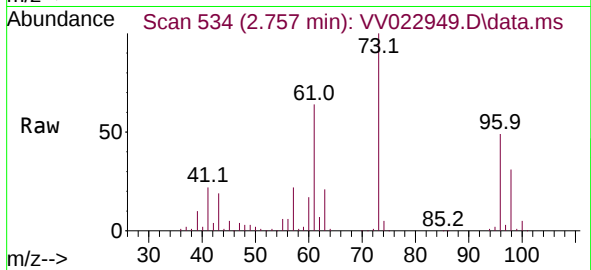




#17
trans-1,2-Dichloroethene
Concen: 50.974 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

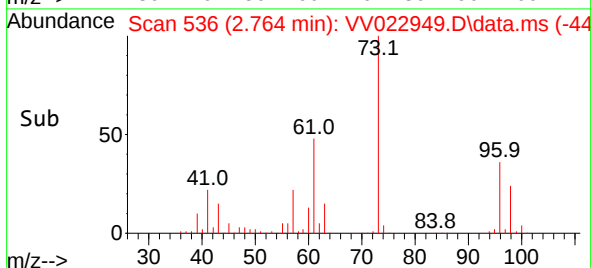
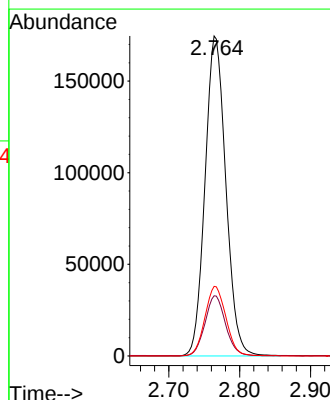
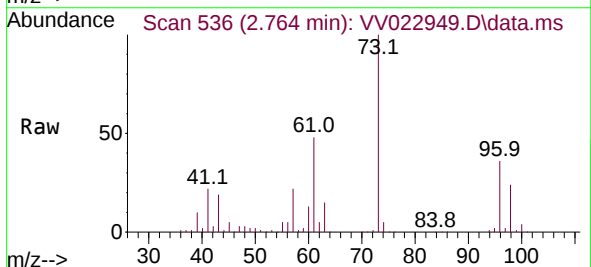
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

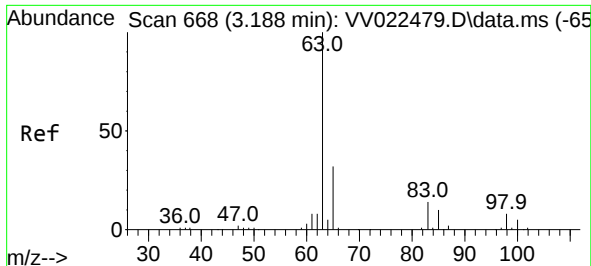
Tgt Ion: 96 Resp: 122188
Ion Ratio Lower Upper
96 100
61 132.0 90.8 168.6
98 64.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 48.099 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 73 Resp: 355960
Ion Ratio Lower Upper
73 100
43 18.4 15.1 22.7
57 22.0 17.6 26.4





#19

1,1-Dichloroethane

Concen: 51.557 ug/L

RT: 3.188 min Scan# 668

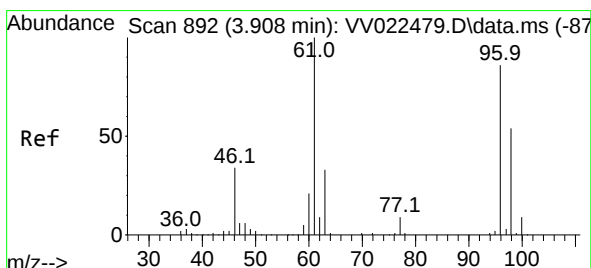
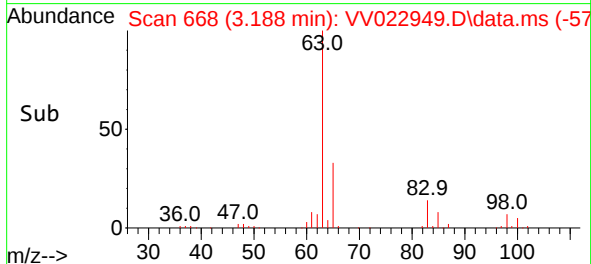
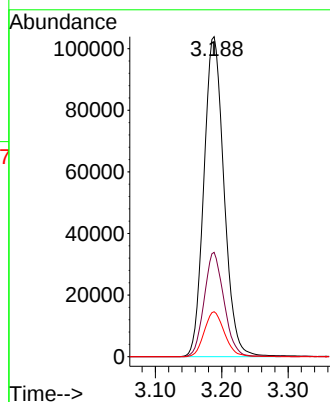
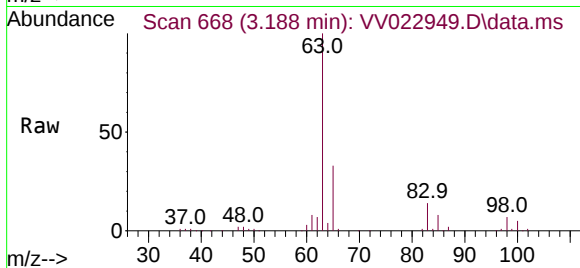
Delta R.T. 0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion: 63 Resp: 218674

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.9	42.5
83	14.1	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 50.709 ug/L

RT: 3.909 min Scan# 892

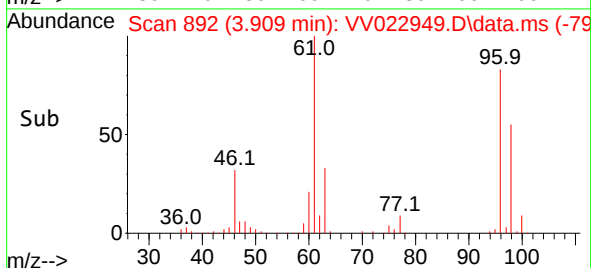
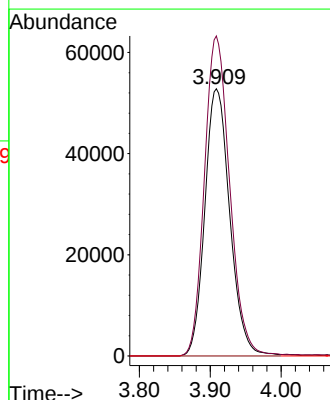
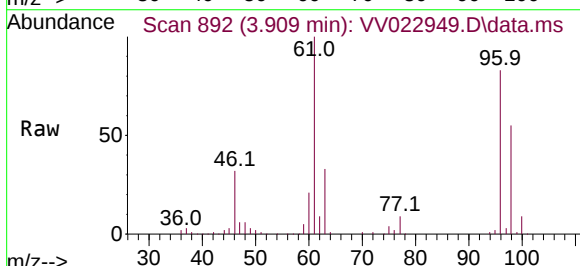
Delta R.T. 0.003 min

Lab File: VV022949.D

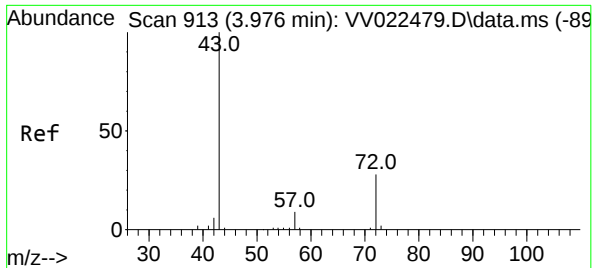
Acq: 21 Oct 2021 10:28

Tgt Ion: 96 Resp: 129496

Ion	Ratio	Lower	Upper
96	100		
61	119.8	81.9	152.1
68	0.0	0.0	0.0



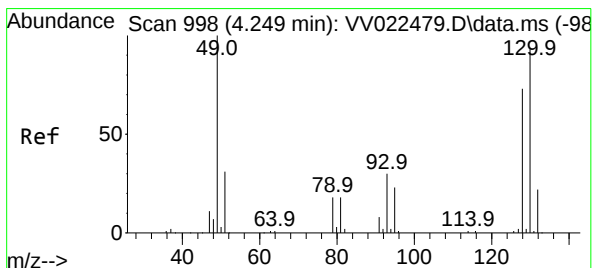
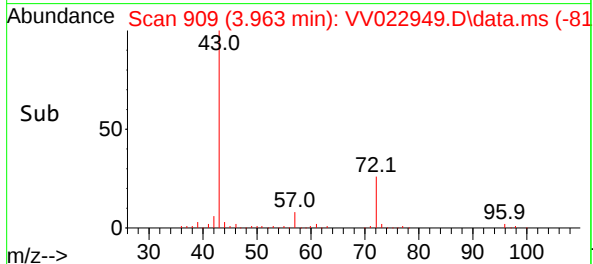
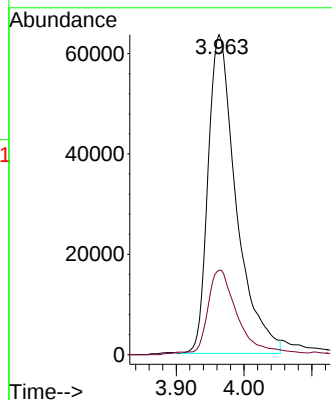
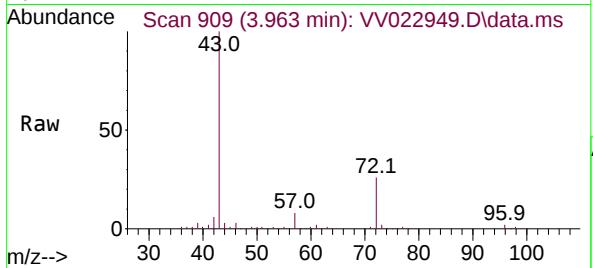
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362



#22
2-Butanone
Concen: 103.462 ug/L
RT: 3.963 min Scan# 909
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

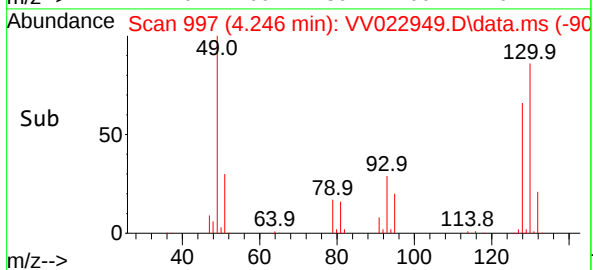
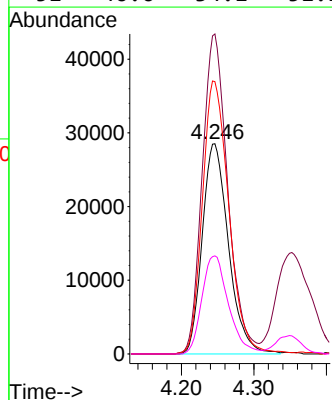
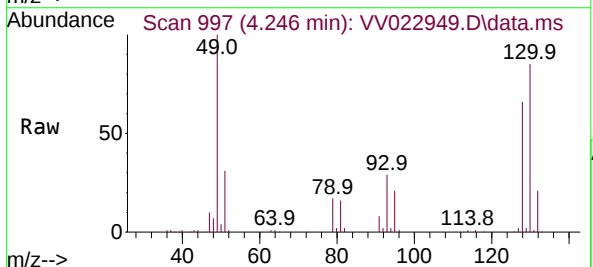
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

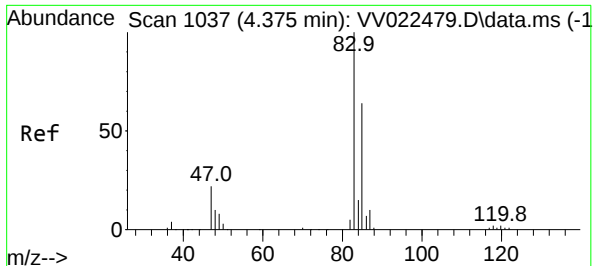
Tgt Ion: 43 Resp: 183134
Ion Ratio Lower Upper
43 100
72 26.7 10.0 29.8



#23
Bromochloromethane
Concen: 51.164 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:128 Resp: 71782
Ion Ratio Lower Upper
128 100
49 152.2 97.2 180.4
130 129.5 86.3 160.3
51 46.6 34.1 51.1





#25

Chloroform

Concen: 54.579 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV022949.D

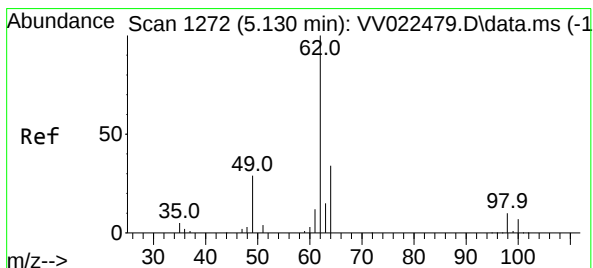
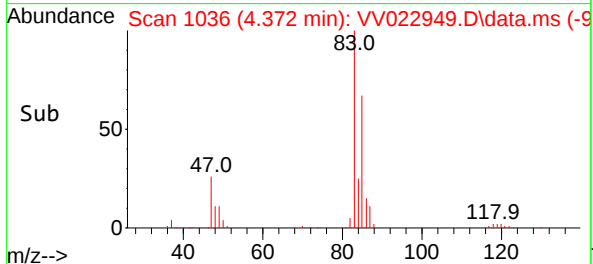
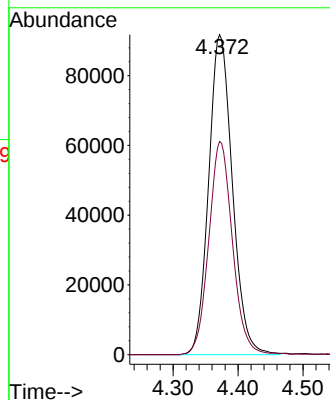
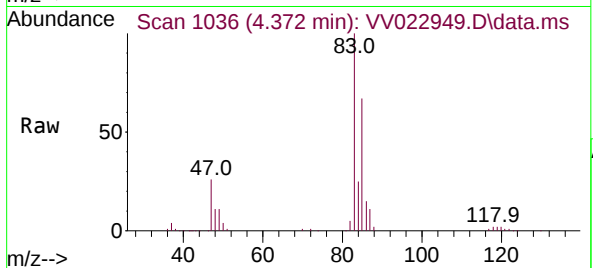
Acq: 21 Oct 2021 10:28

Tgt Ion: 83 Resp: 232943

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.0



#27

1,2-Dichloroethane

Concen: 52.179 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV022949.D

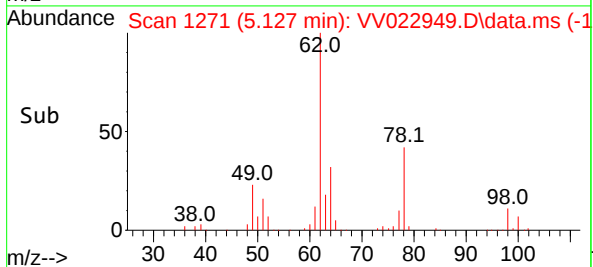
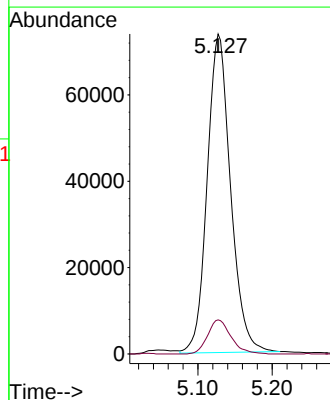
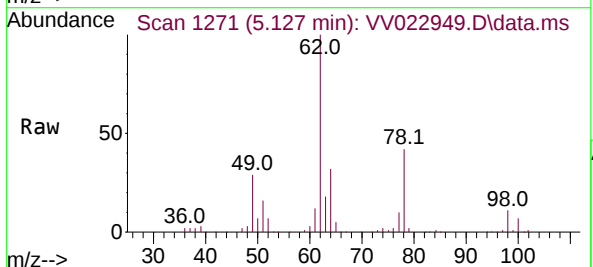
Acq: 21 Oct 2021 10:28

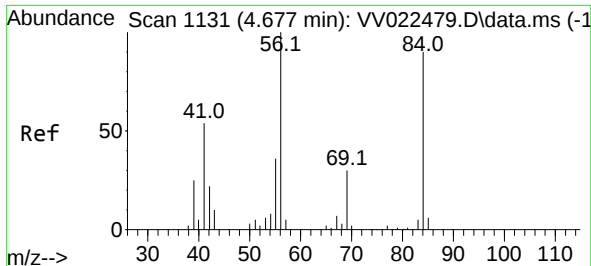
Tgt Ion: 62 Resp: 161261

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.4





#29

Cyclohexane

Concen: 54.325 ug/L

RT: 4.677 min Scan# 1131

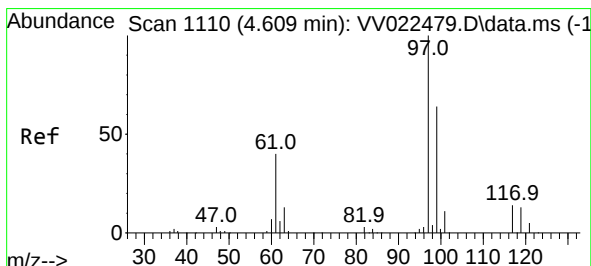
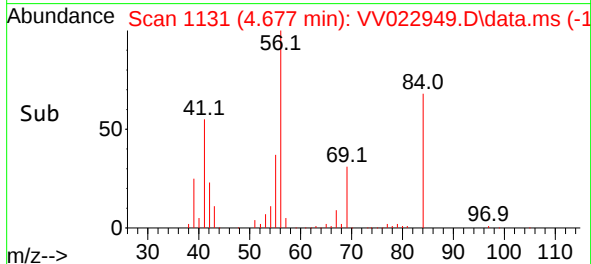
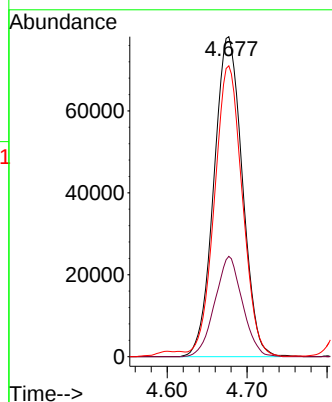
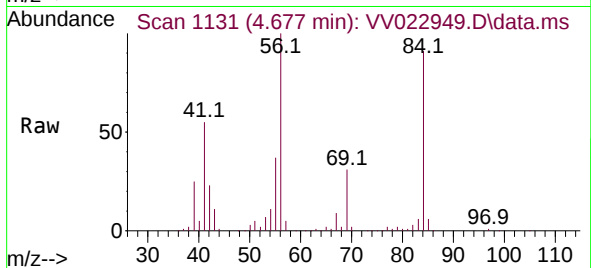
Delta R.T. 0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion: 56 Resp: 192890

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.9	37.3
84	89.4	73.9	110.9



#30

1,1,1-Trichloroethane

Concen: 51.218 ug/L

RT: 4.606 min Scan# 1109

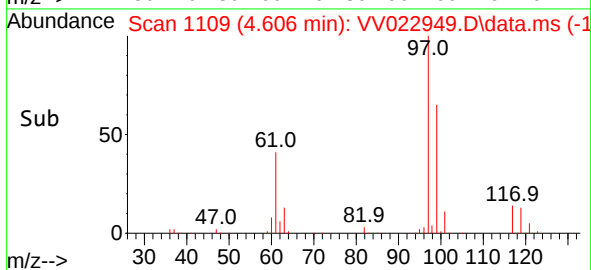
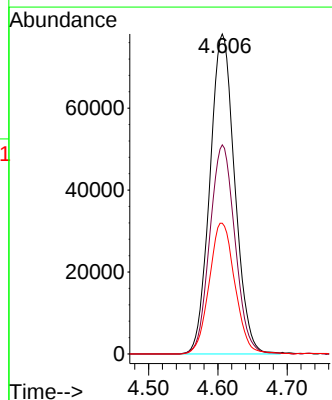
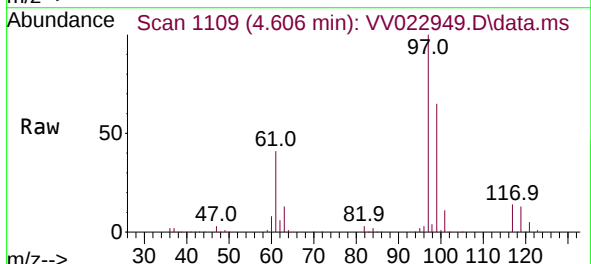
Delta R.T. 0.003 min

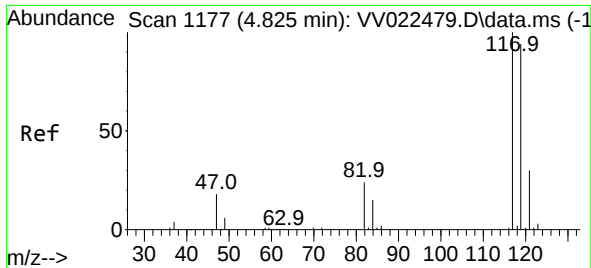
Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion: 97 Resp: 194901

Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.7	77.5
61	42.3	32.9	49.3

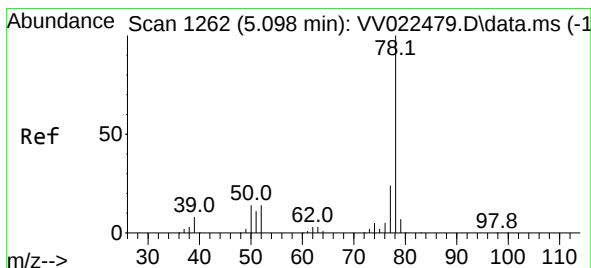
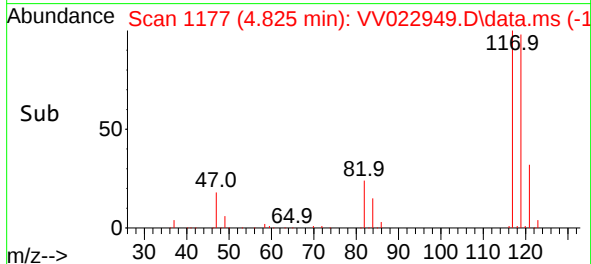
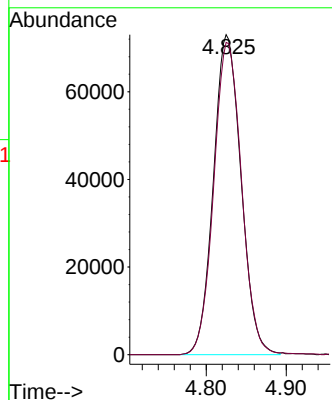
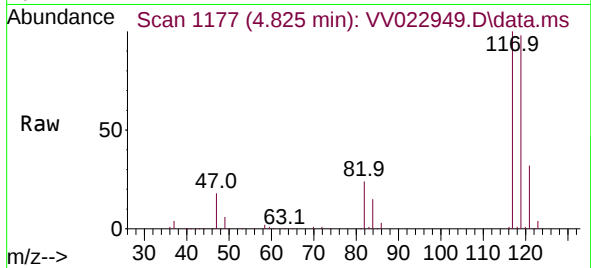




#31
Carbon tetrachloride
Concen: 52.363 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

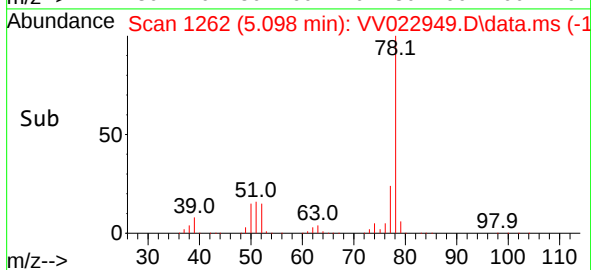
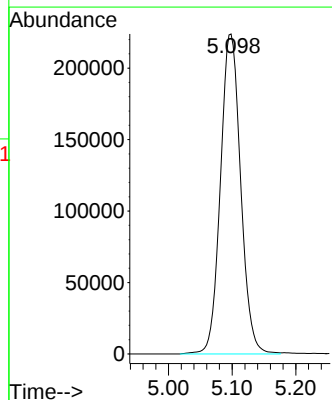
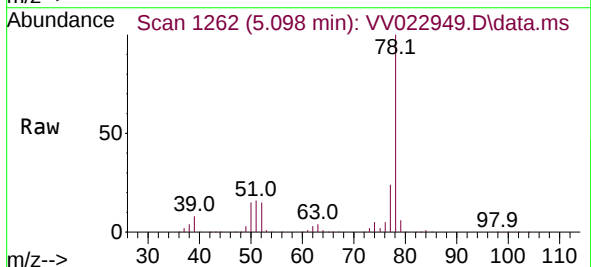
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

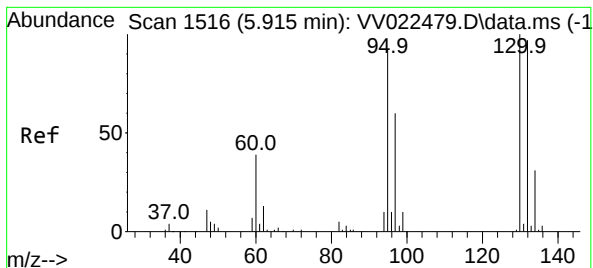
Tgt Ion:117 Resp: 175050
Ion Ratio Lower Upper
117 100
119 98.1 78.3 117.5



#33
Benzene
Concen: 52.590 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 78 Resp: 494644

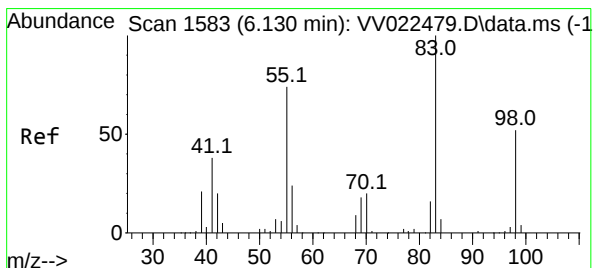
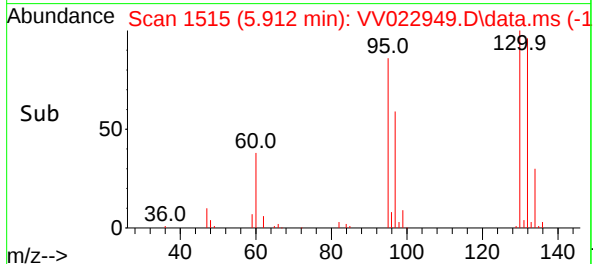
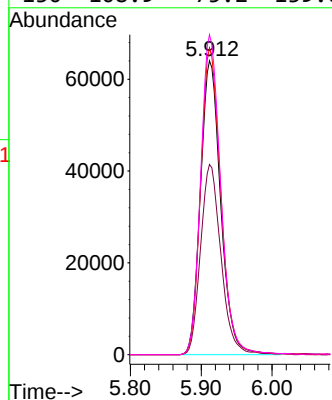
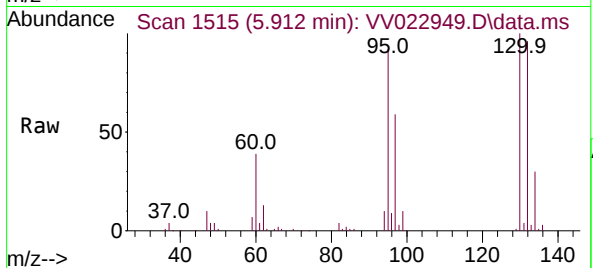




#34
Trichloroethene
Concen: 51.737 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

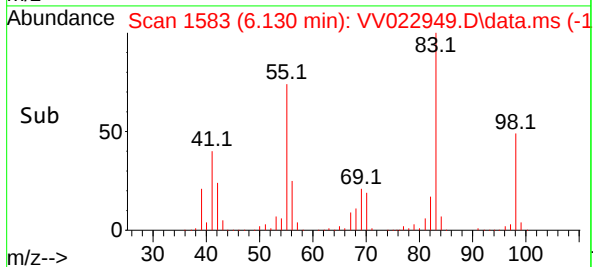
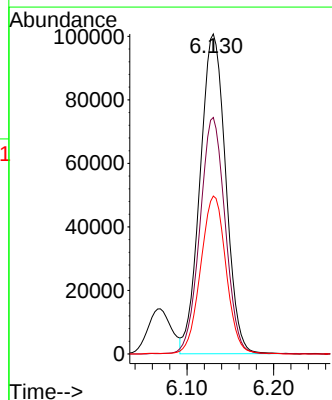
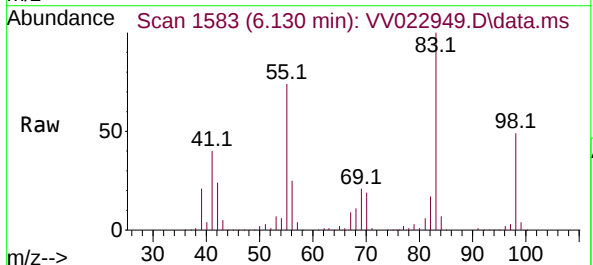
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

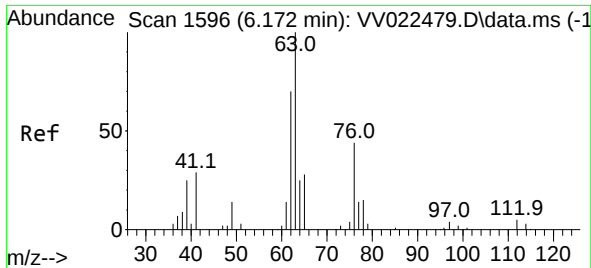
Tgt Ion: 95 Resp: 127057
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.4
132 104.4 71.5 132.9
130 108.9 75.2 139.6



#35
Methylcyclohexane
Concen: 55.632 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 83 Resp: 207160
Ion Ratio Lower Upper
83 100
55 72.9 56.7 85.1
98 49.0 40.6 60.8

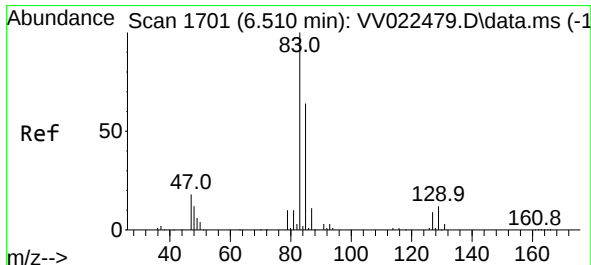
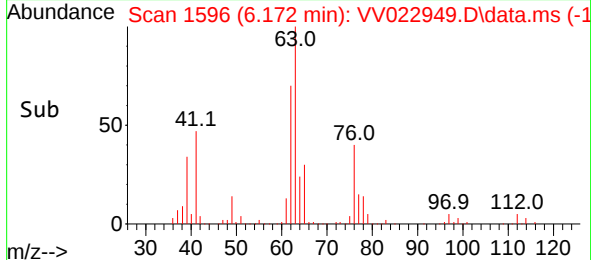
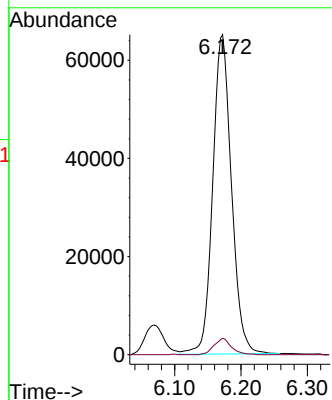
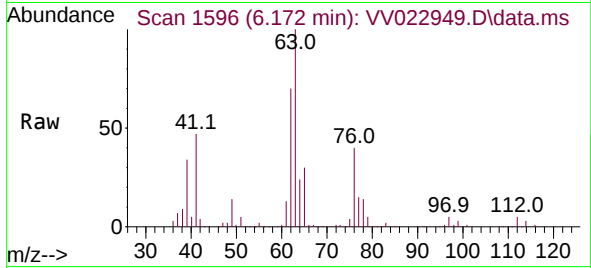




#37
1,2-Dichloropropane
Concen: 53.023 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

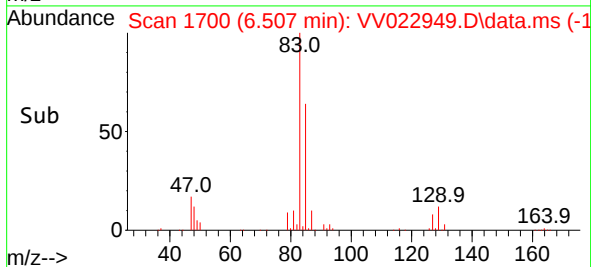
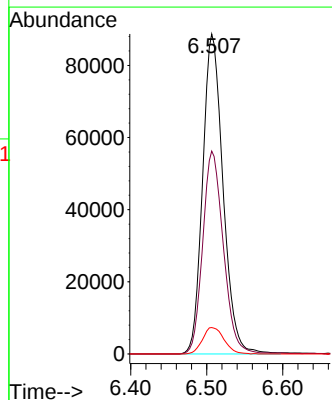
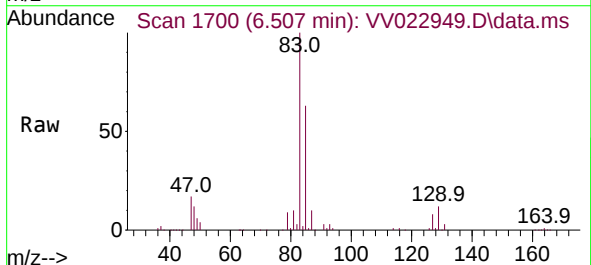
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

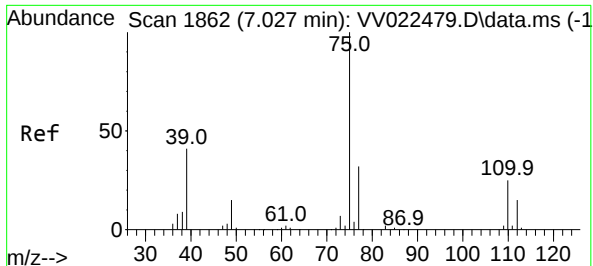
Tgt Ion: 63 Resp: 127690
Ion Ratio Lower Upper
63 100
112 4.7 4.1 6.1



#38
Bromodichloromethane
Concen: 52.833 ug/L
RT: 6.507 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 83 Resp: 165267
Ion Ratio Lower Upper
83 100
85 63.4 46.3 86.1
127 8.3 7.5 11.3



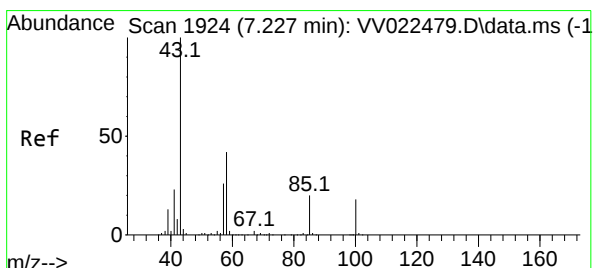
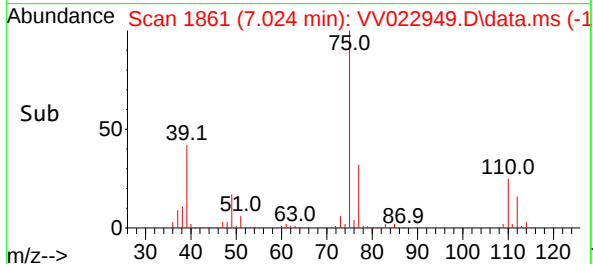
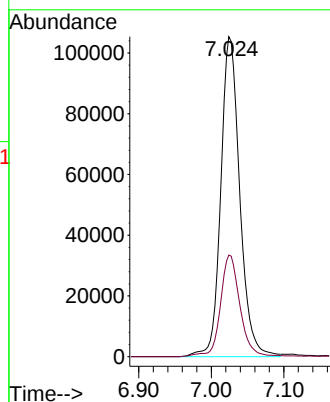
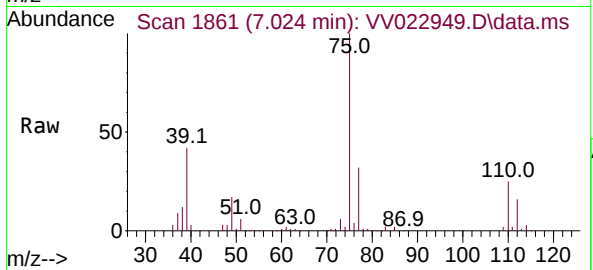


#39

cis-1,3-Dichloropropene
 Concen: 52.946 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VV022949.D
 Acq: 21 Oct 2021 10:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050362

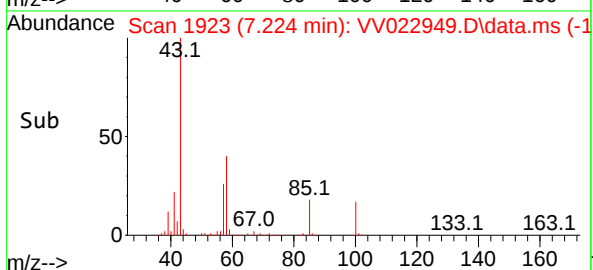
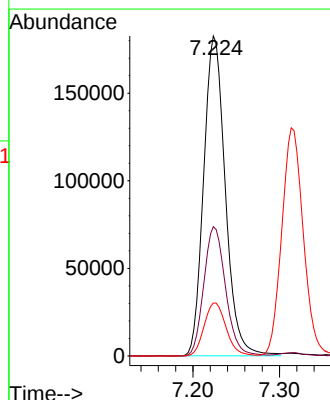
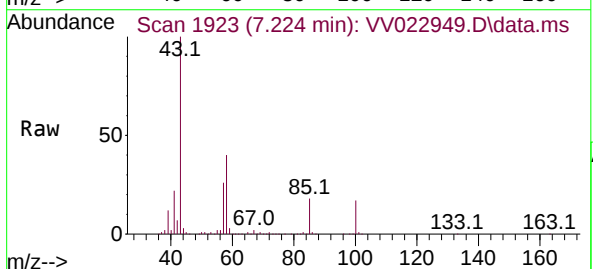
Tgt Ion: 75 Resp: 191753
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.6 40.2

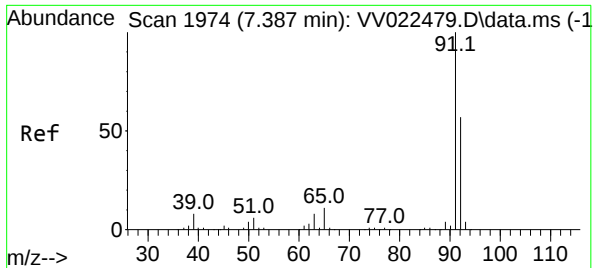


#40

4-Methyl-2-pentanone
 Concen: 93.786 ug/L
 RT: 7.224 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV022949.D
 Acq: 21 Oct 2021 10:28

Tgt Ion: 43 Resp: 317344
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.5 48.7
 100 16.8 13.9 20.9

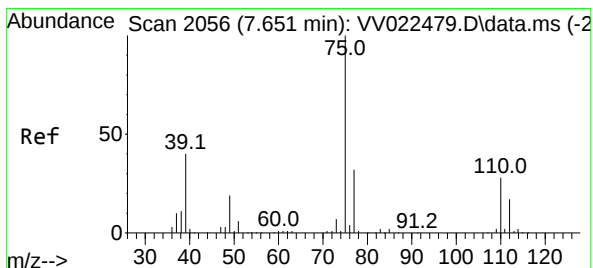
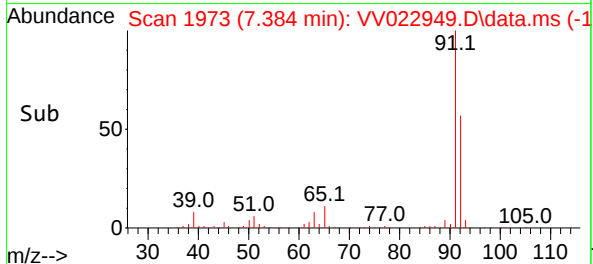
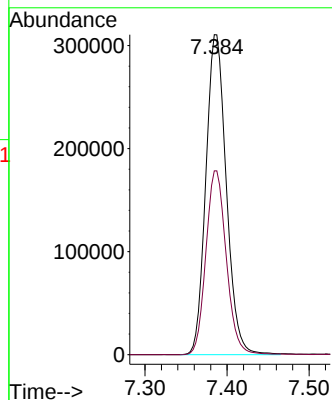
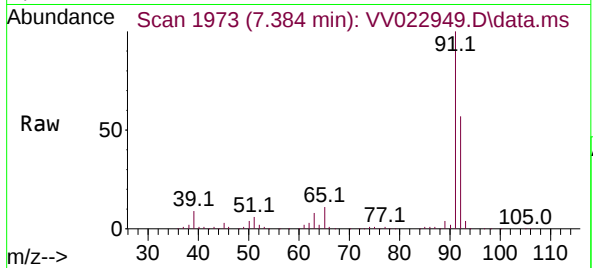




#42
Toluene
Concen: 54.368 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

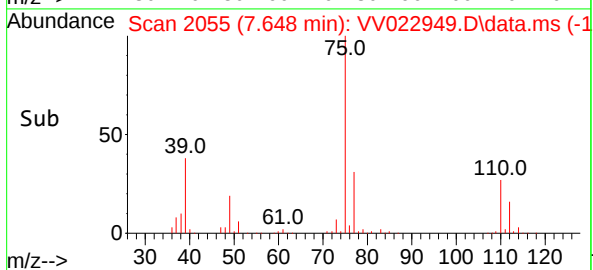
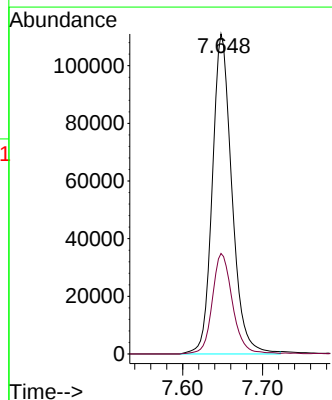
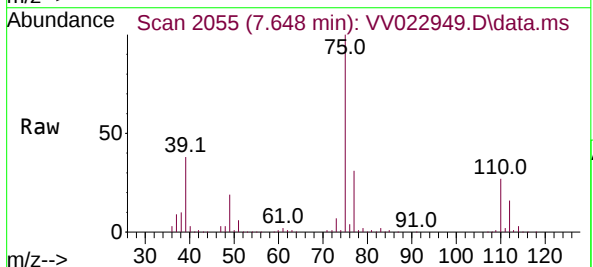
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

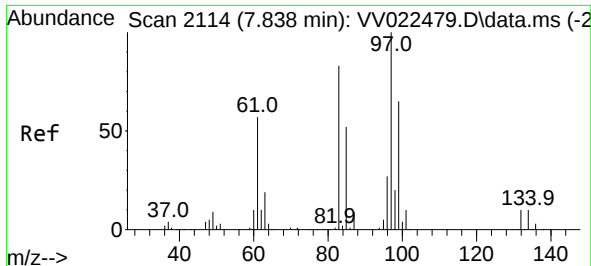
Tgt Ion: 91 Resp: 538674
Ion Ratio Lower Upper
91 100
92 57.5 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 54.077 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 75 Resp: 188565
Ion Ratio Lower Upper
75 100
77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 50.017 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion: 97 Resp: 124685

Ion Ratio Lower Upper

97 100

99 62.7 43.1 80.1

83 85.5 58.6 108.8

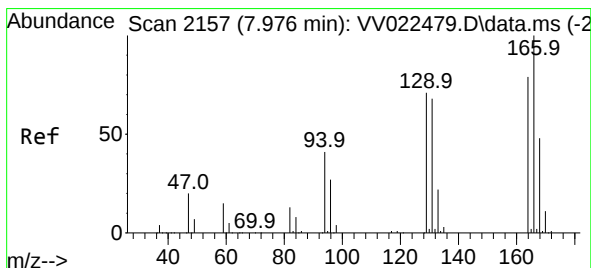
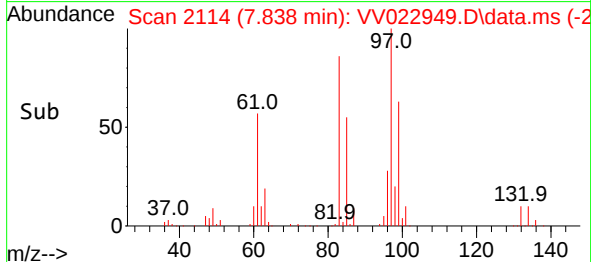
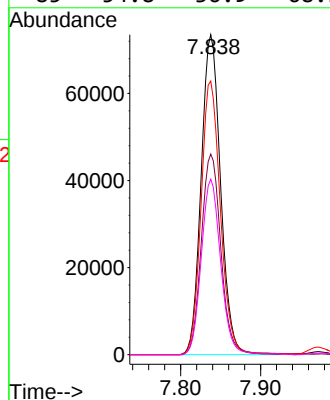
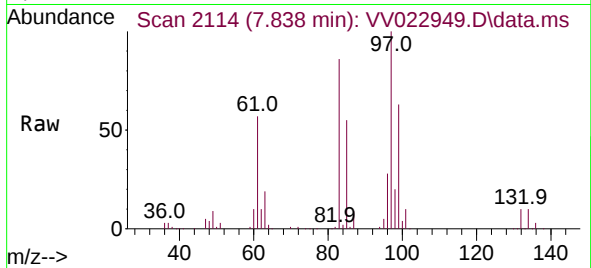
85 54.8 36.9 68.5

Instrument :

MSVOA_V

ClientSampleId :

VSTD050362



#46

Tetrachloroethene

Concen: 54.305 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

Tgt Ion:164 Resp: 111646

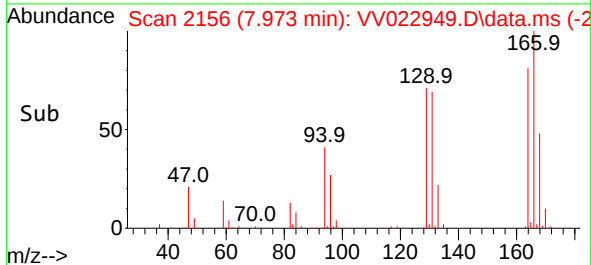
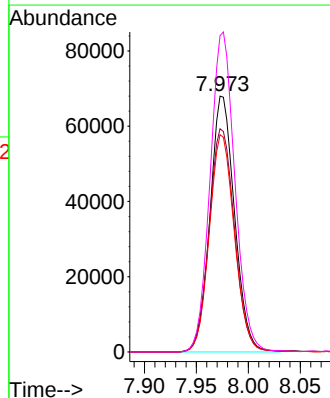
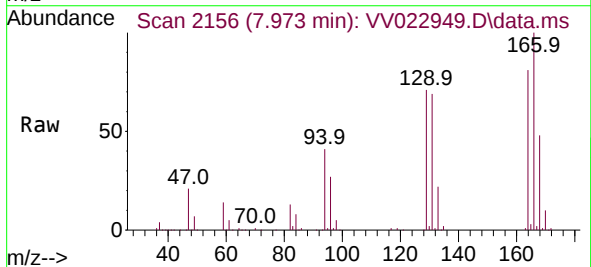
Ion Ratio Lower Upper

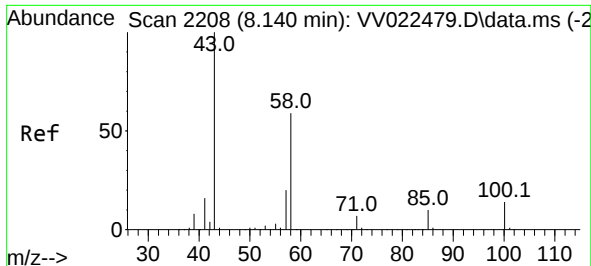
164 100

129 87.2 64.6 120.0

131 84.9 59.9 111.3

166 123.7 88.0 163.4



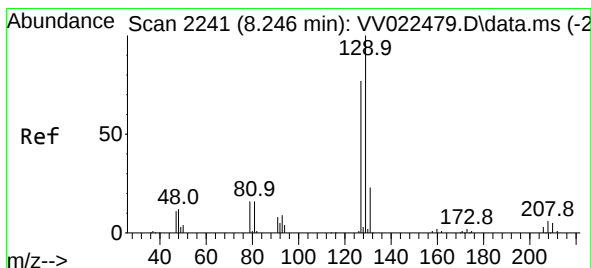
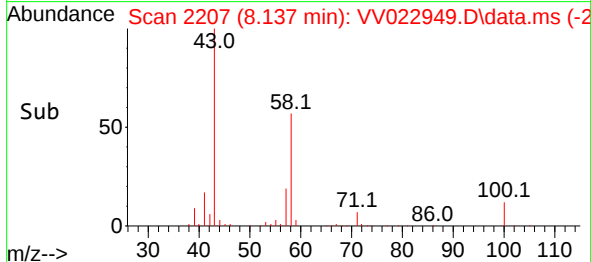
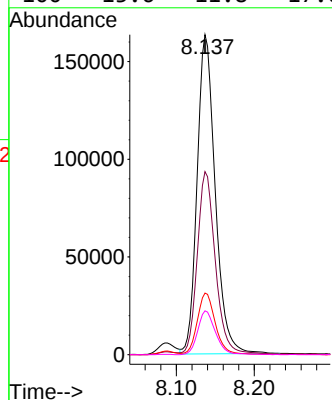
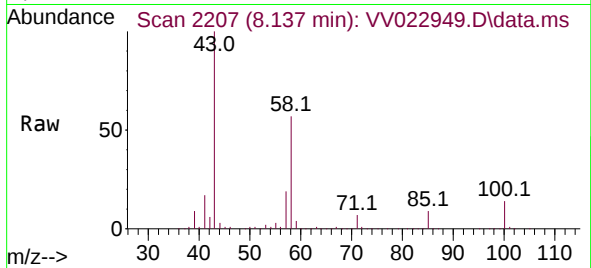


#48
2-Hexanone
Concen: 101.887 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

Tgt Ion: 43 Resp: 263679

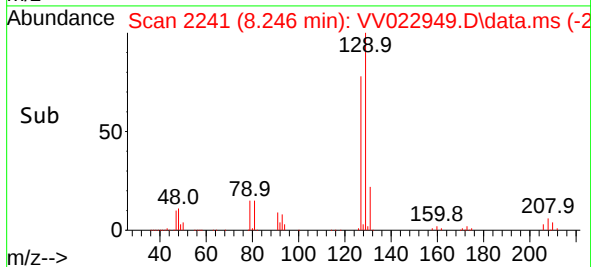
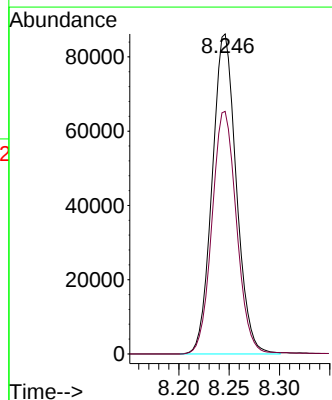
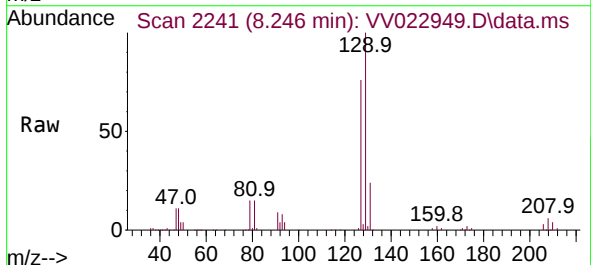
Ion	Ratio	Lower	Upper
43	100		
58	56.7	47.0	70.4
57	19.3	15.8	23.6
100	13.6	11.8	17.6

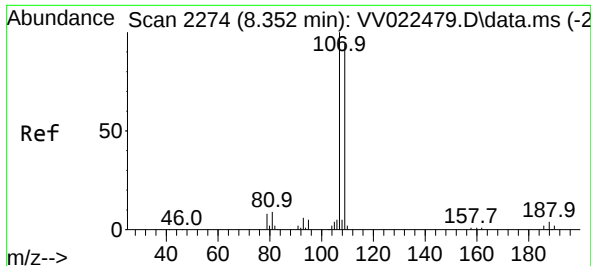


#49
Dibromochloromethane
Concen: 53.300 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 129 Resp: 143787

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 49.936 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

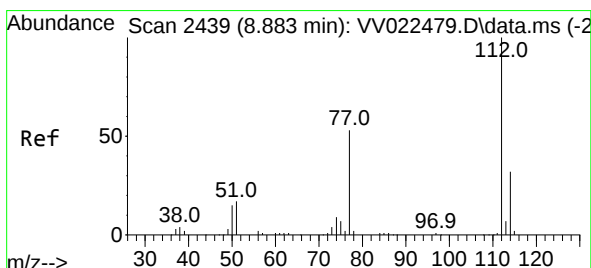
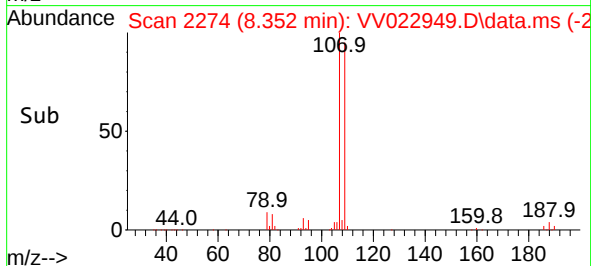
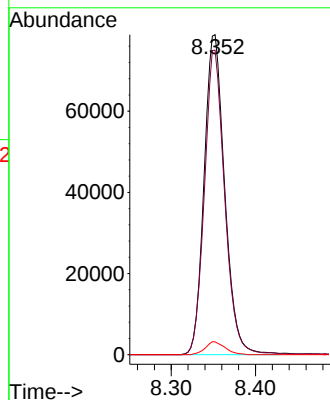
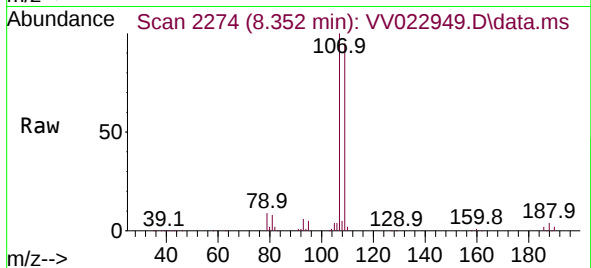
Tgt Ion:107 Resp: 134025

Ion Ratio Lower Upper

107 100

109 95.2 64.8 120.3

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 53.108 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV022949.D

Acq: 21 Oct 2021 10:28

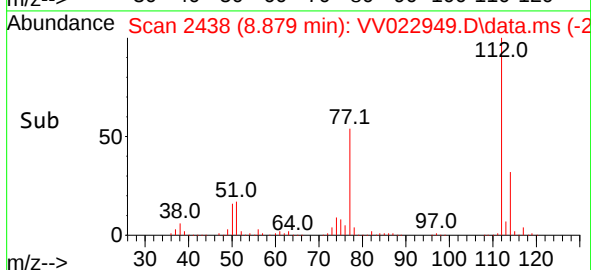
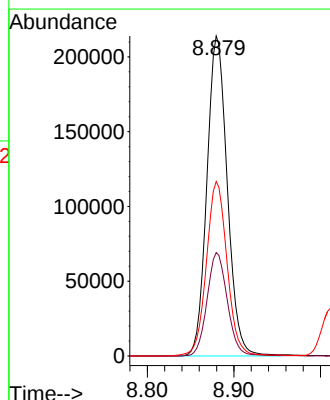
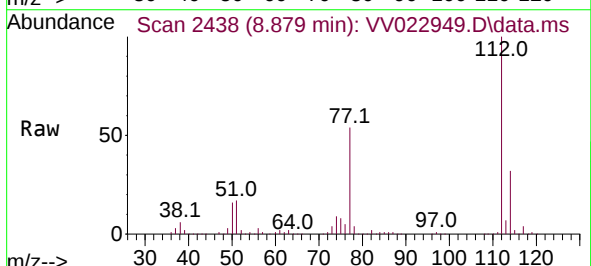
Tgt Ion:112 Resp: 349996

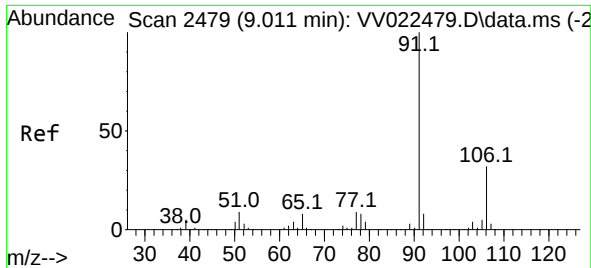
Ion Ratio Lower Upper

112 100

114 32.3 22.0 40.8

77 54.5 44.0 66.0

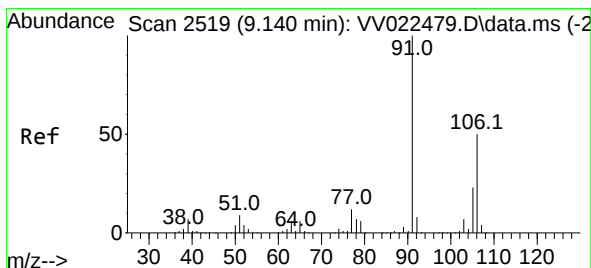
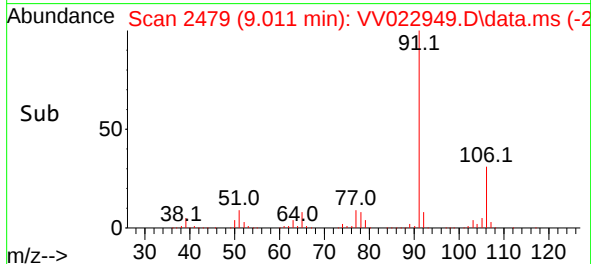
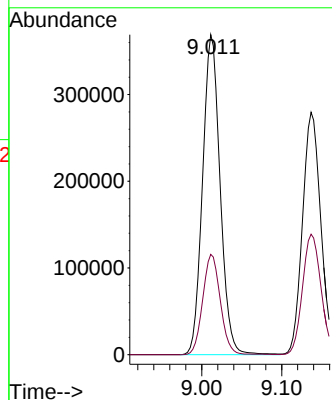
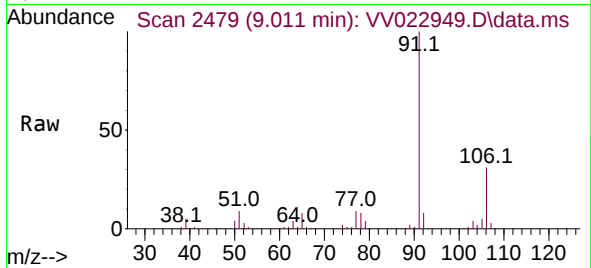




#52
Ethylbenzene
Concen: 54.694 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

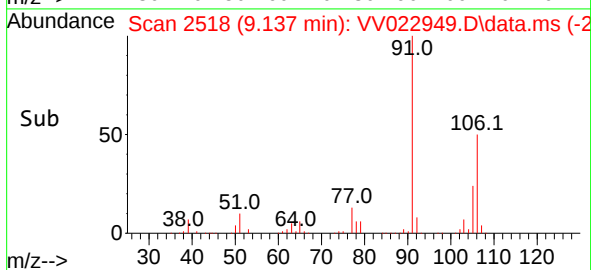
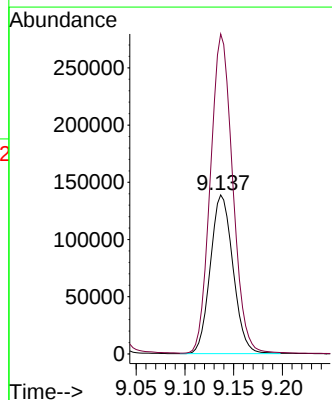
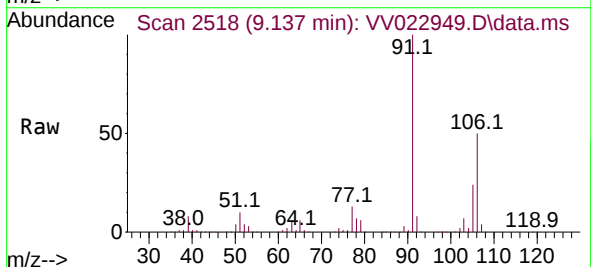
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

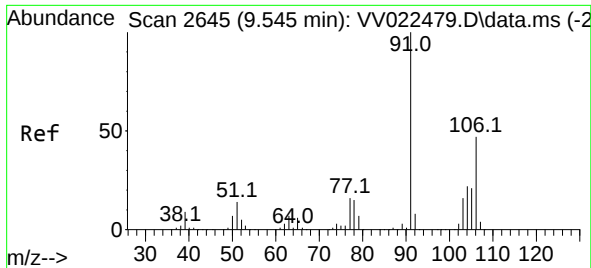
Tgt Ion: 91 Resp: 563988
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-Xylene
Concen: 54.924 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 106 Resp: 224393
Ion Ratio Lower Upper
106 100
91 201.2 139.4 258.8

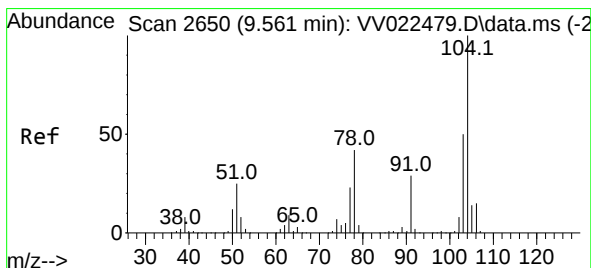
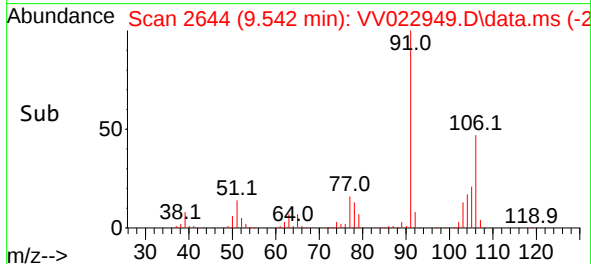
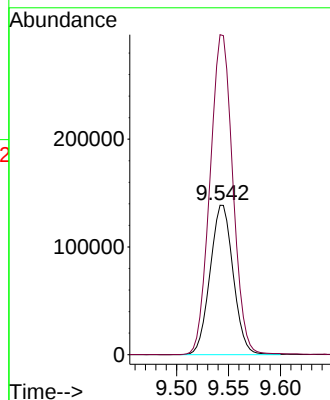
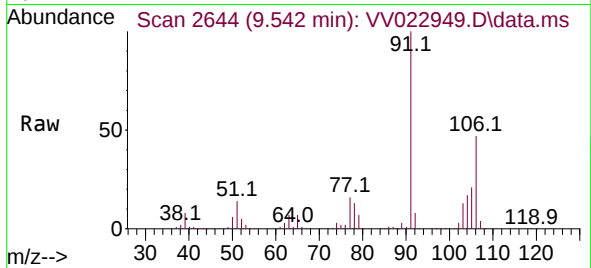




#54
o-Xylene
Concen: 53.814 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

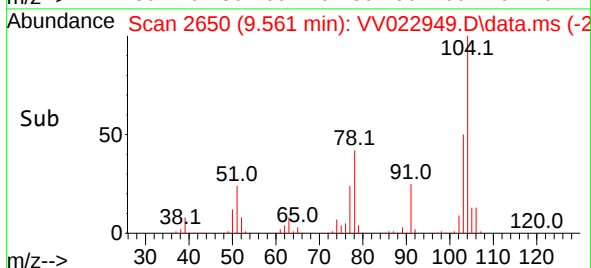
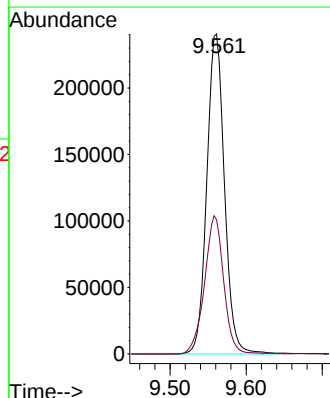
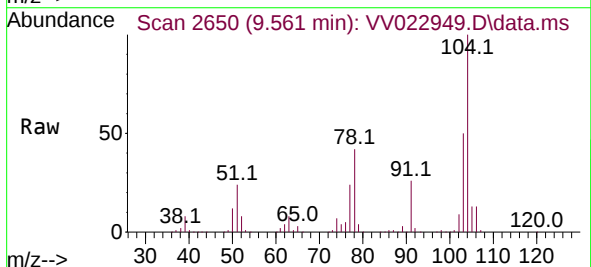
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

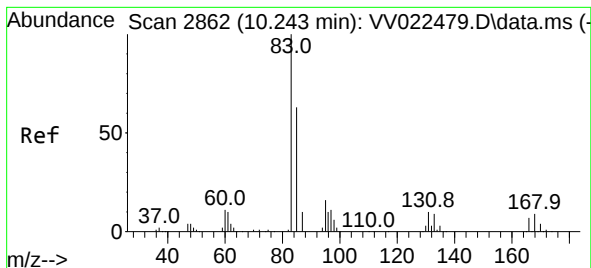
Tgt Ion:106 Resp: 214199
Ion Ratio Lower Upper
106 100
91 214.2 148.7 276.1



#55
Styrene
Concen: 56.903 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:104 Resp: 388694
Ion Ratio Lower Upper
104 100
78 42.0 30.6 56.8

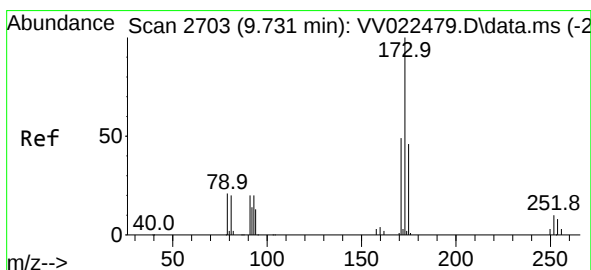
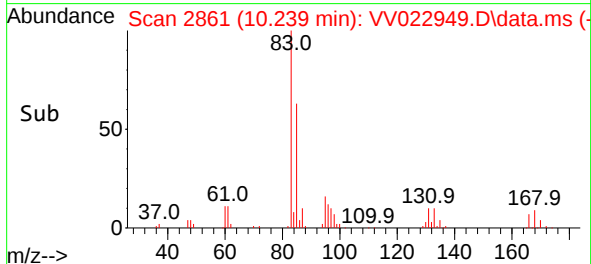
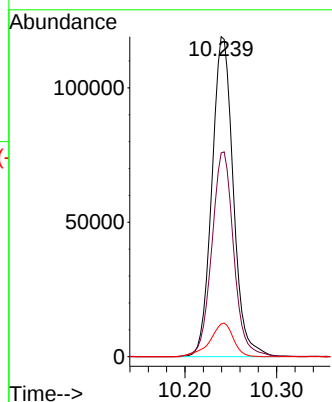
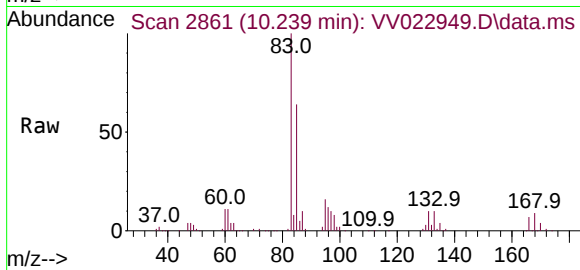




#57
1,1,2,2-Tetrachloroethane
Concen: 49.997 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

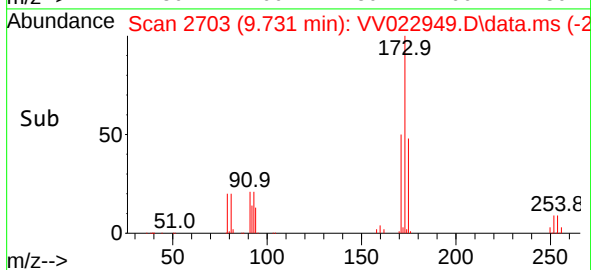
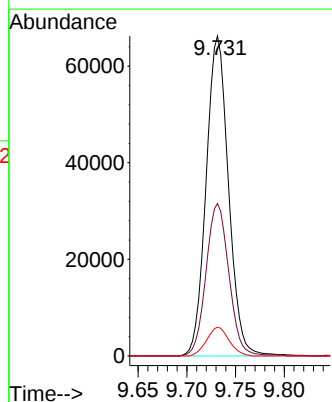
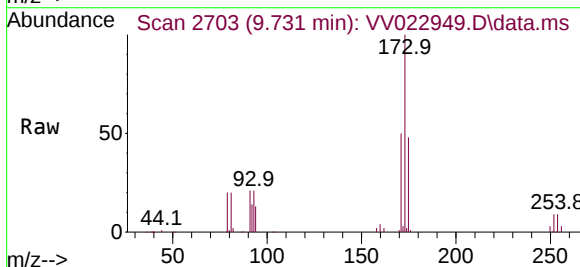
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

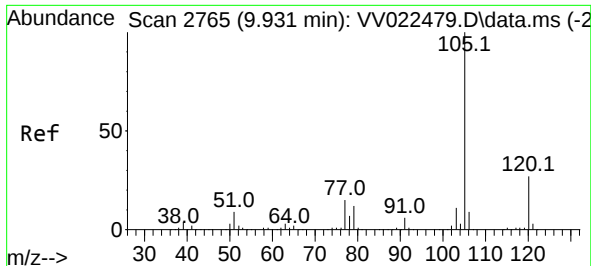
Tgt Ion: 83 Resp: 192633
Ion Ratio Lower Upper
83 100
85 63.7 45.2 84.0
131 10.3 8.2 12.4



#59
Bromoform
Concen: 48.386 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 173 Resp: 105782
Ion Ratio Lower Upper
173 100
175 48.5 38.3 57.5
254 9.0 7.0 10.6

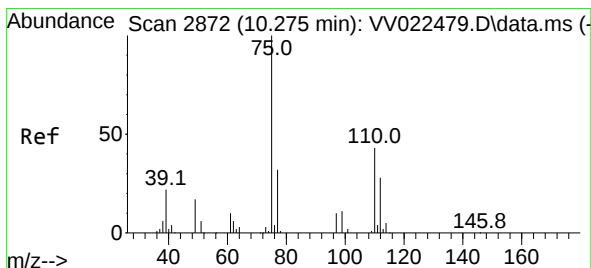
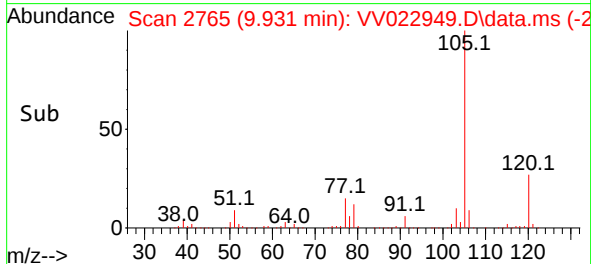
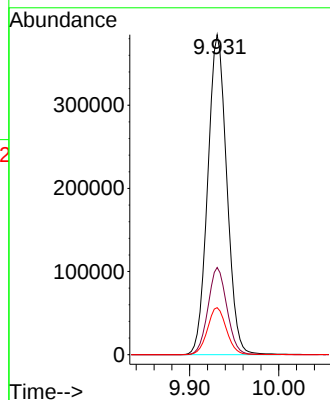
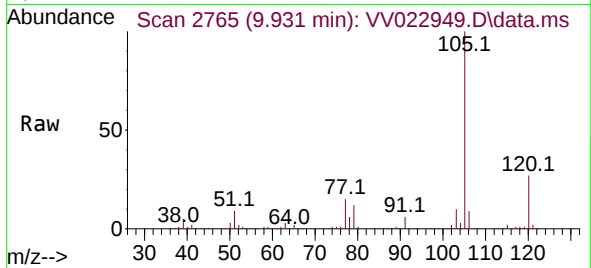




#60
Isopropylbenzene
Concen: 50.740 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

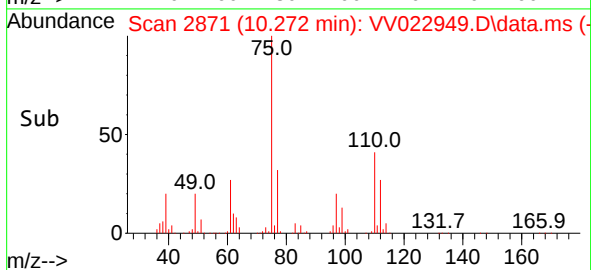
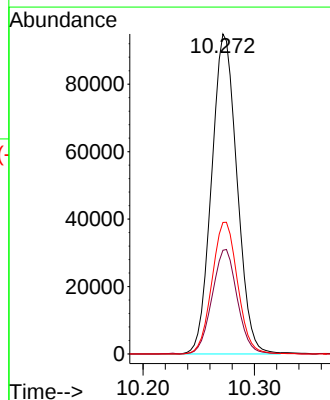
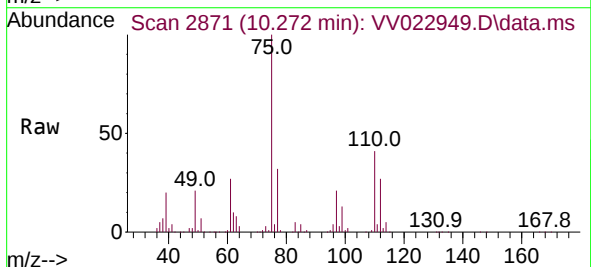
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

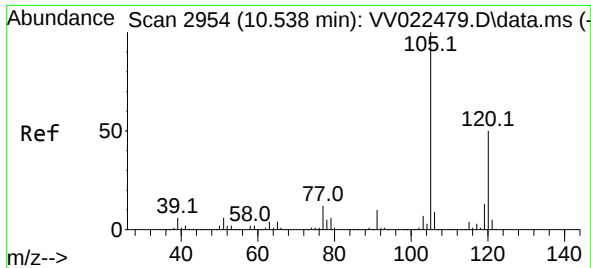
Tgt Ion:105 Resp: 570771
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 14.7 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 44.774 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 75 Resp: 150549
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 41.5 34.3 51.5

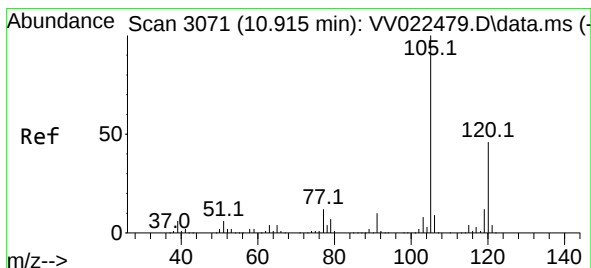
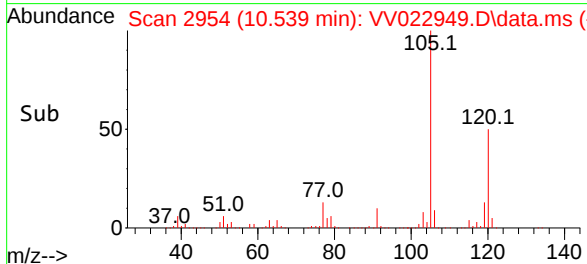
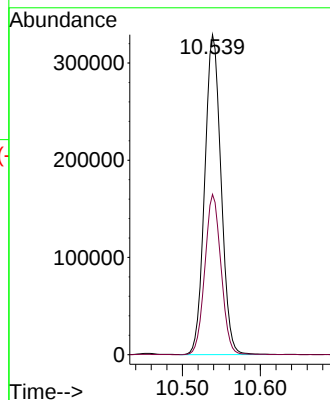
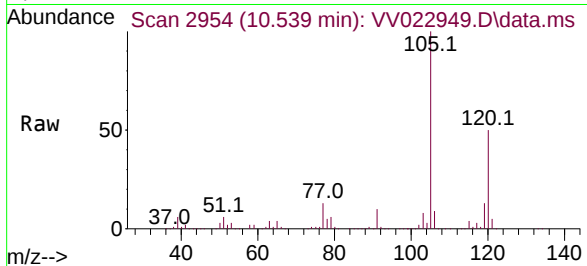




#62
1,3,5-Trimethylbenzene
Concen: 50.524 ug/L
RT: 10.539 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

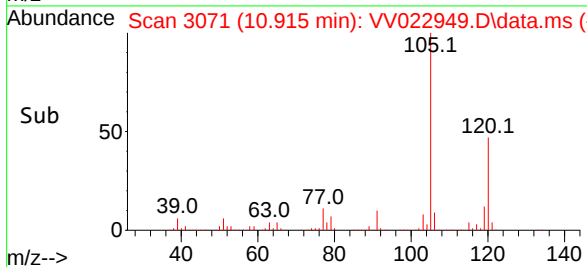
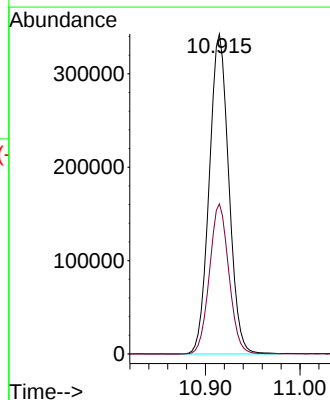
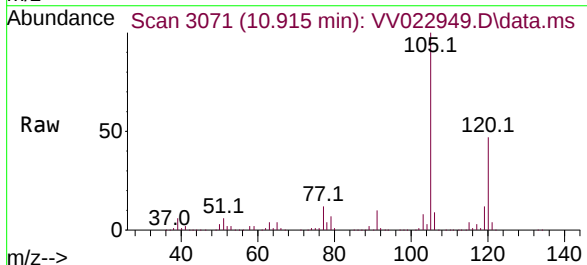
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

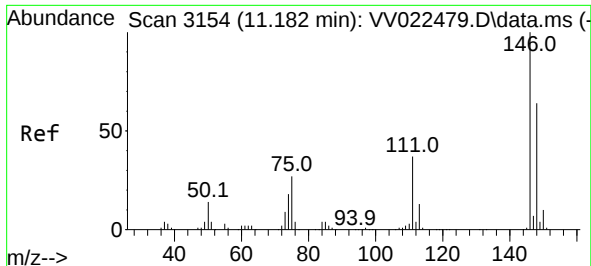
Tgt Ion:105 Resp: 478532
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 52.311 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:105 Resp: 492542
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.0

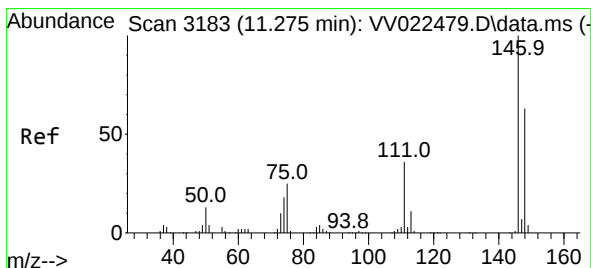
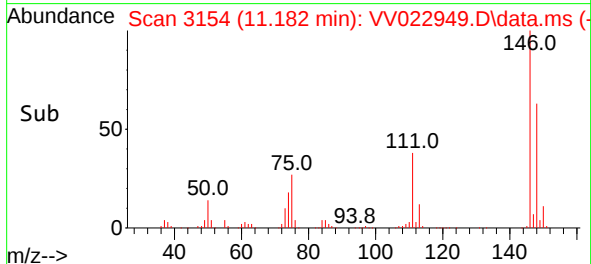
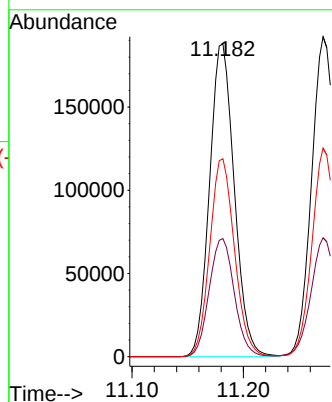
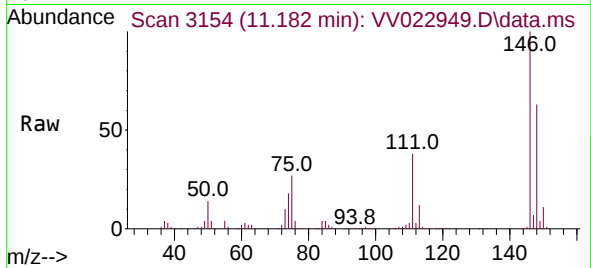




#64
1,3-Dichlorobenzene
Concen: 50.881 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

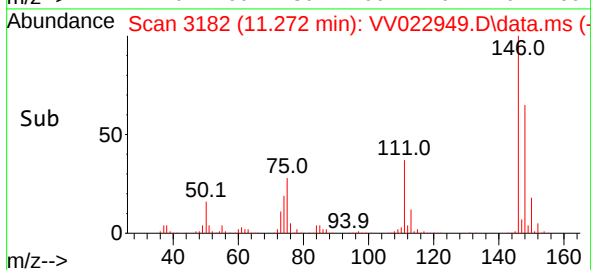
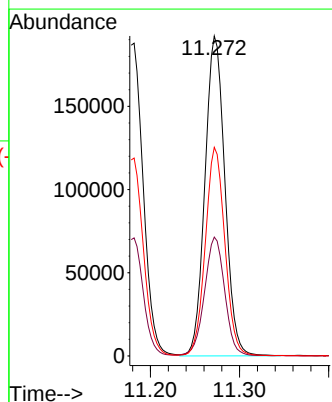
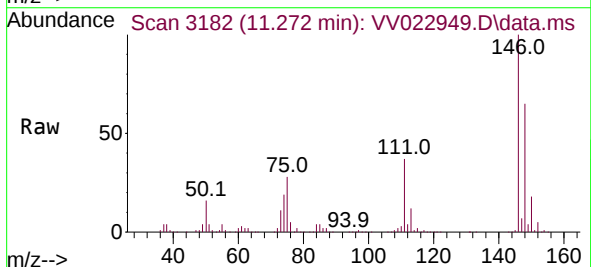
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

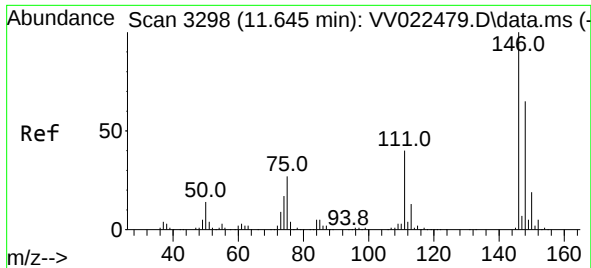
Tgt Ion:146 Resp: 290377
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.3
148 63.3 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 50.312 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:146 Resp: 298205
Ion Ratio Lower Upper
146 100
111 37.2 25.5 47.3
148 65.2 43.9 81.5

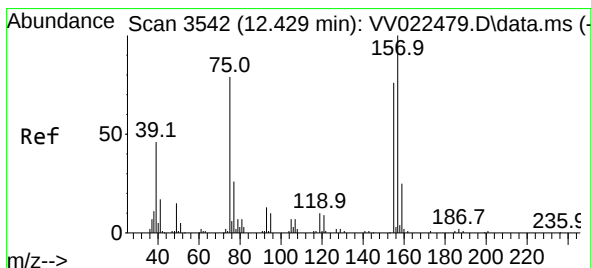
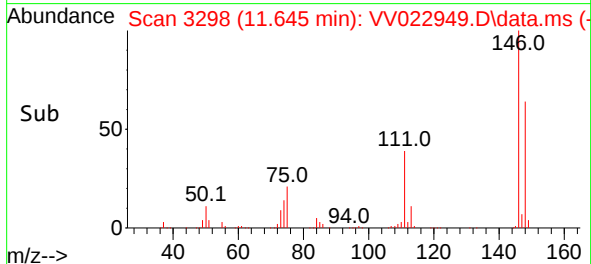
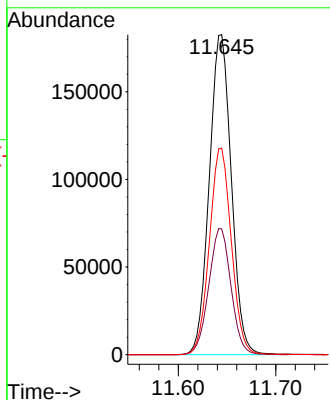
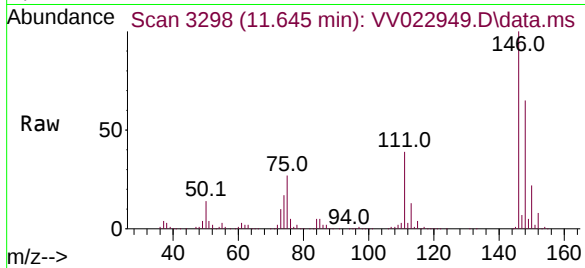




#67
1,2-Dichlorobenzene
Concen: 49.286 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

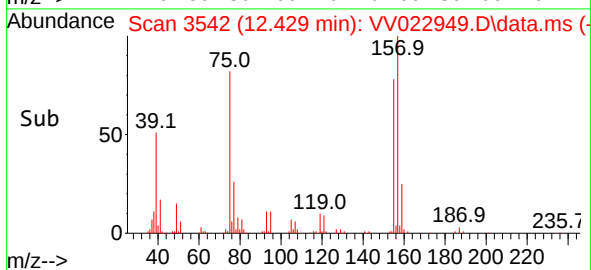
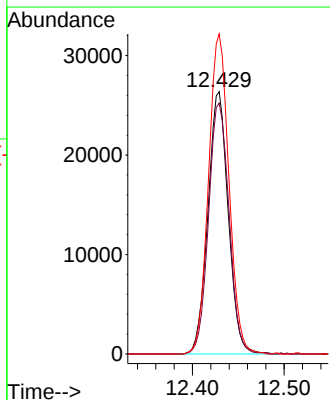
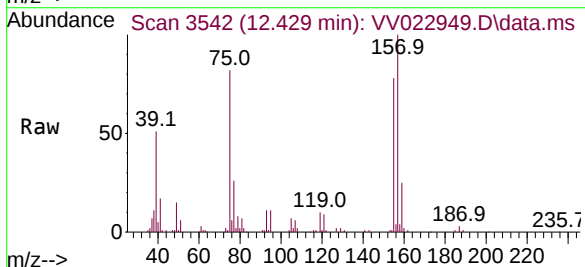
Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

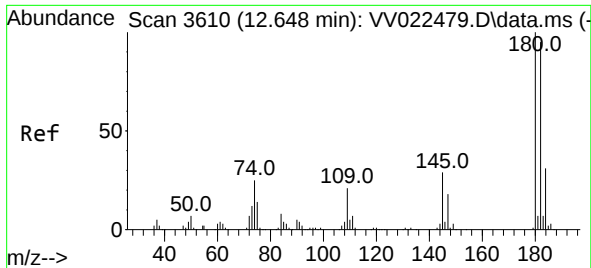
Tgt Ion:146 Resp: 287450
Ion Ratio Lower Upper
146 100
111 39.3 31.6 47.4
148 64.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 44.172 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion: 75 Resp: 40693
Ion Ratio Lower Upper
75 100
155 95.7 79.1 118.7
157 122.0 104.2 156.2



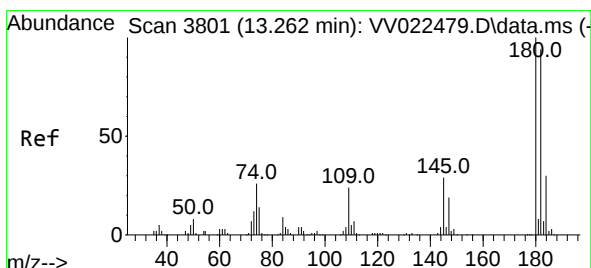
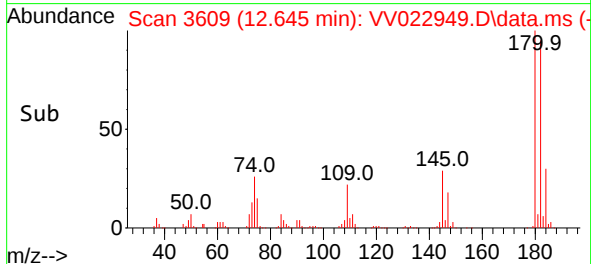
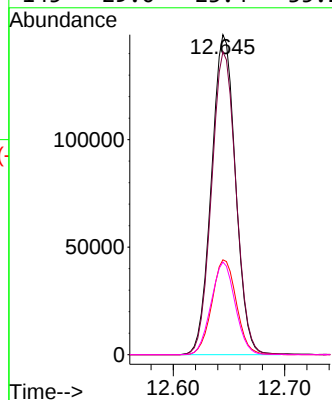
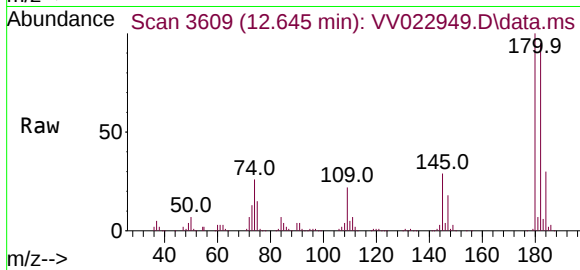


#69
1,3,5-Trichlorobenzene
Concen: 52.643 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

Tgt Ion:180 Resp: 223230

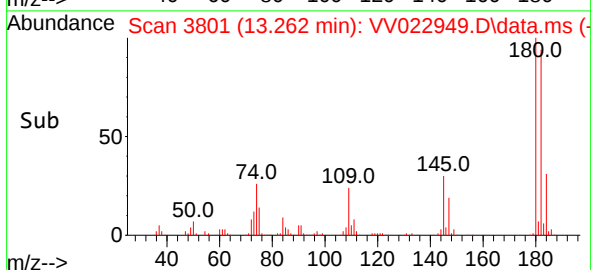
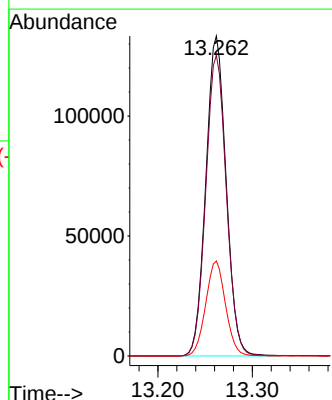
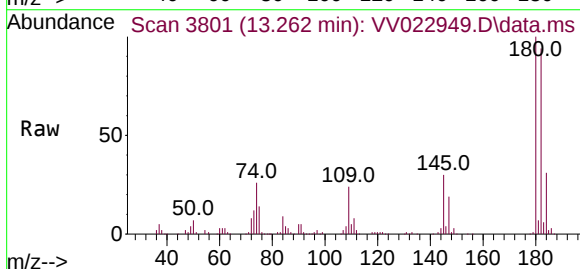
Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.4
184	30.2	23.6	35.4
145	29.0	23.4	35.2

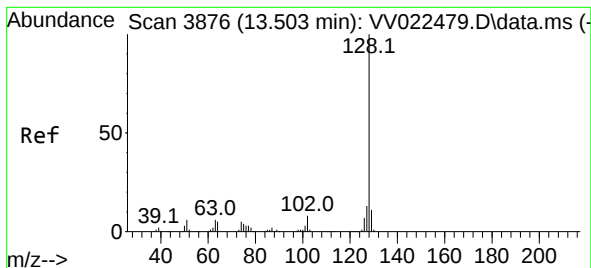


#70
1,2,4-trichlorobenzene
Concen: 52.212 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:180 Resp: 199094

Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.5	113.3
145	29.0	23.0	34.4

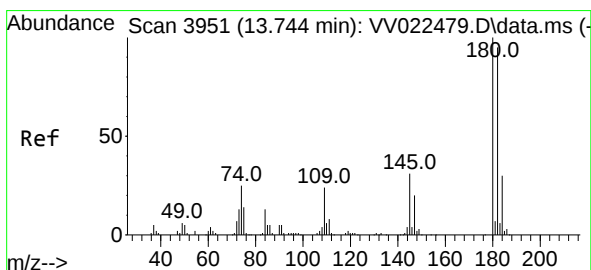
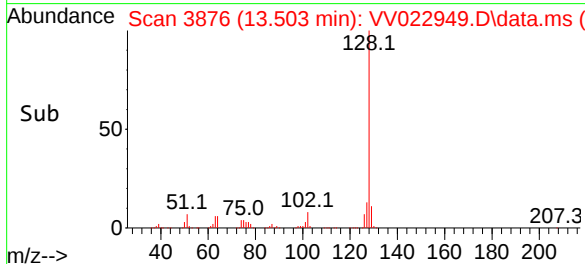
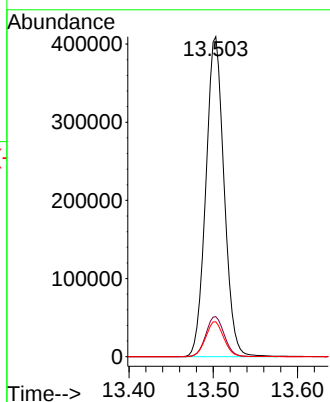
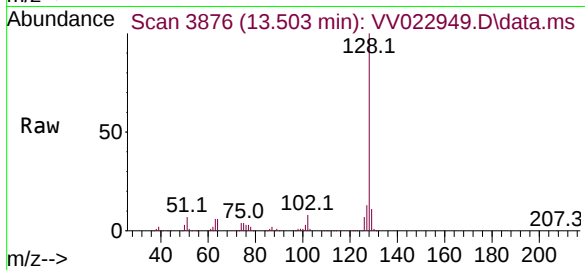




#71
Naphthalene
Concen: 49.057 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD050362

Tgt Ion:128 Resp: 615971
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.195 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022949.D
Acq: 21 Oct 2021 10:28

Tgt Ion:180 Resp: 205710
Ion Ratio Lower Upper
180 100
182 94.1 76.1 114.1
145 31.4 24.6 36.8

