

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028175.D
 Acq On : 29 Sep 2022 10:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Sep 30 01:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	147261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	144917	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	73455	4.811	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.561	69	60696	5.000	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.000%	
11) 1,1-Dichloroethene-d2	2.098	63	128357	4.847	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	3.889	46	125488	48.687	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.380%	
24) Chloroform-d	4.336	84	124400	5.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.024	65	54820	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.040	84	242957	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.059	67	66371	4.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.307	98	220905	5.136	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
43) trans-1,3-Dichloroprop...	7.616	79	24383	4.557	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.085	63	108870	48.748	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.500%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48170	4.757	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.619	152	85841	5.122	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	61625	5.603	ug/L	92
3) Chloromethane	1.237	50	53411	3.667	ug/L	100
5) Vinyl chloride	1.304	62	62397	5.464	ug/L	99
6) Bromomethane	1.516	94	49232	6.620	ug/L	95
8) Chloroethane	1.577	64	43701	5.707	ug/L	89
9) Trichlorofluoromethane	1.745	101	105474	5.817	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	63325	6.060	ug/L	95
12) 1,1-Dichloroethene	2.111	96	53709	5.277	ug/L	82
13) Acetone	2.185	43	87956	44.304	ug/L	96
14) Carbon disulfide	2.285	76	104101	5.330	ug/L	98
15) Methyl Acetate	2.433	43	20766	5.388	ug/L	93
16) Methylene chloride	2.497	84	65400	5.757	ug/L	92
17) Methyl tert-butyl Ether	2.761	73	128807	5.884	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	54066	6.069	ug/L	95
19) 1,1-Dichloroethane	3.179	63	110603	5.691	ug/L	98
21) 2-Butanone	3.970	43	114624	46.635	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	60513	5.177	ug/L	89
23) Bromochloromethane	4.240	128	27340	5.841	ug/L	# 77
25) Chloroform	4.365	83	116355	5.580	ug/L	99

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Quant Time: Sep 30 01:46:11 2022
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 Response via : Initial Calibration

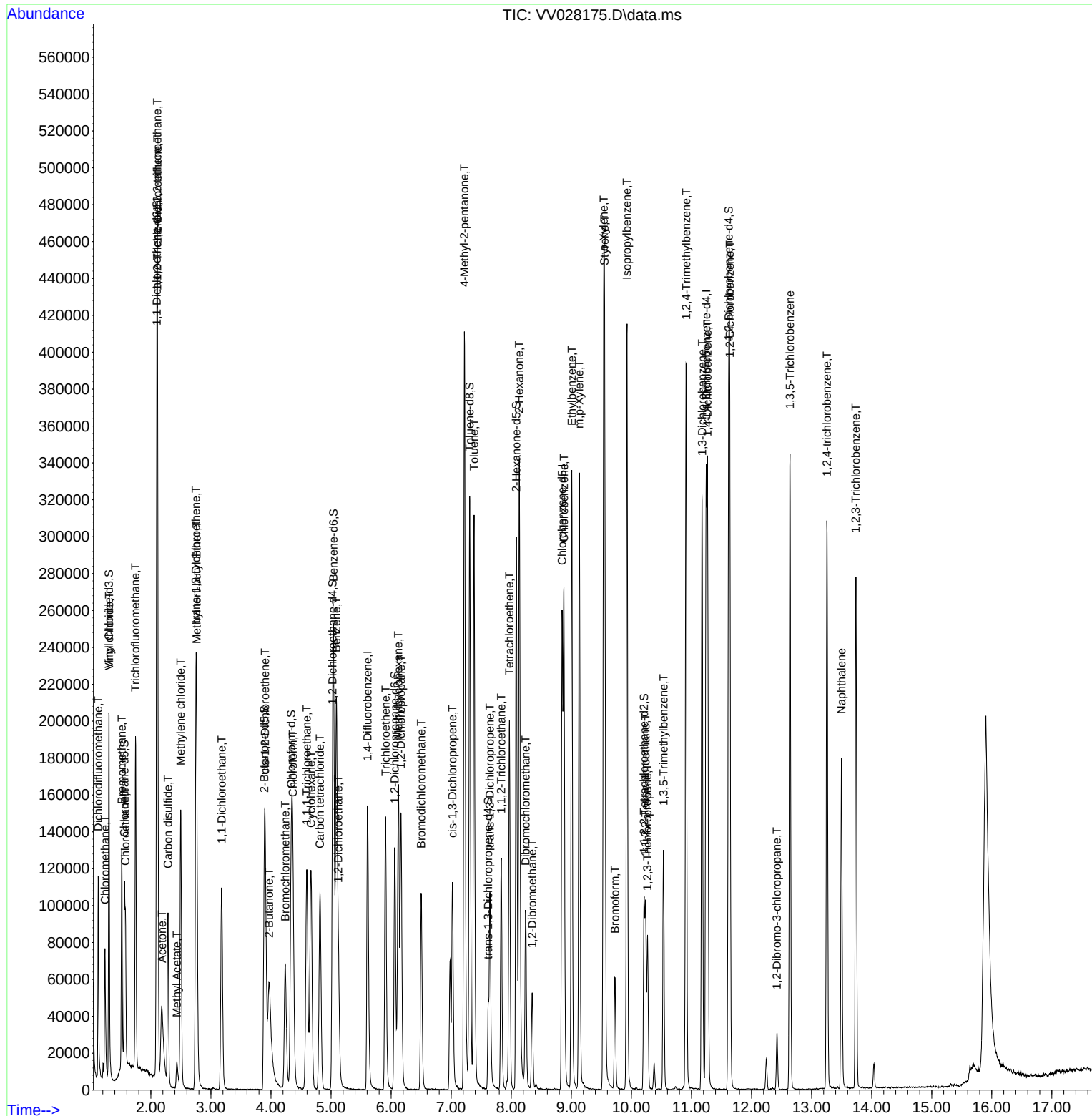
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	60080	5.403	ug/L	95
29) 1,1,1-Trichloroethane	4.597	97	99265	5.575	ug/L	99
30) Cyclohexane	4.667	56	62554	4.857	ug/L	89
31) Carbon tetrachloride	4.815	117	85090	5.807	ug/L	98
33) Benzene	5.088	78	217793	5.412	ug/L	100
34) Trichloroethene	5.908	95	54035	5.394	ug/L	94
35) Methylcyclohexane	6.121	83	69140	5.033	ug/L	94
37) 1,2-Dichloropropane	6.166	63	60945	5.402	ug/L	99
38) Bromodichloromethane	6.500	83	73072	5.246	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	73099	5.217	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	261184	47.675	ug/L #	93
42) Toluene	7.381	91	230643	5.495	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	63497	5.268	ug/L	91
45) 1,1,2-Trichloroethane	7.834	97	40404	5.343	ug/L	97
47) Tetrachloroethene	7.969	164	47380	5.926	ug/L	98
48) 2-Hexanone	8.133	43	200896	48.305	ug/L #	93
49) Dibromochloromethane	8.239	129	51480	5.662	ug/L	100
50) 1,2-Dibromoethane	8.349	107	36112	5.495	ug/L	99
51) Chlorobenzene	8.876	112	156253	5.550	ug/L	95
52) Ethylbenzene	9.008	91	239400	5.391	ug/L	99
53) m,p-Xylene	9.133	106	97191	5.711	ug/L	98
54) o-Xylene	9.538	106	96111	5.719	ug/L	99
55) Styrene	9.555	104	174952	6.008	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	45898	5.209	ug/L	99
59) Bromoform	9.728	173	28507	5.254	ug/L	99
60) Isopropylbenzene	9.928	105	261359	5.211	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34793	4.855	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	70722	5.006	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	217064	5.496	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	138884	5.565	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	136211	5.455	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	132724	5.629	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.423	75	7634	4.859	ug/L	88
69) 1,3,5-Trichlorobenzene	12.641	180	112056	5.672	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	99965	6.328	ug/L	99
71) Naphthalene	13.496	128	143593	5.550	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	87026	6.090	ug/L	99

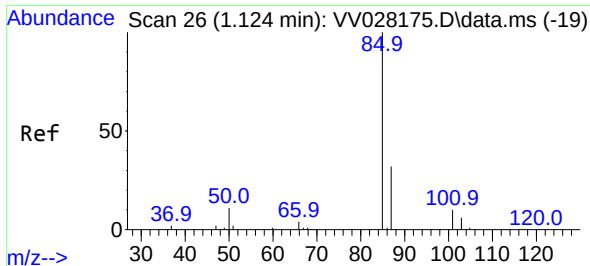
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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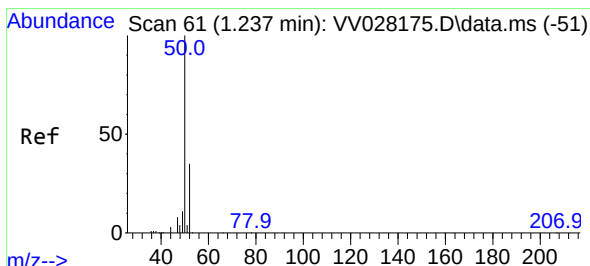
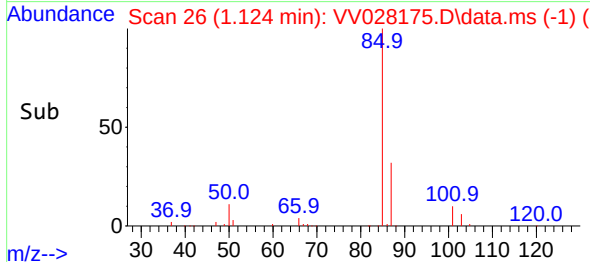
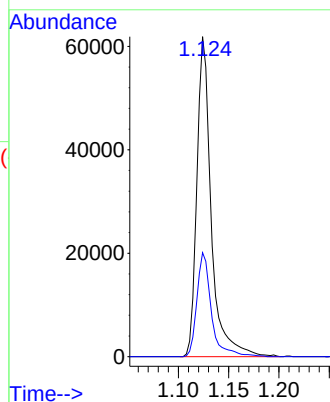
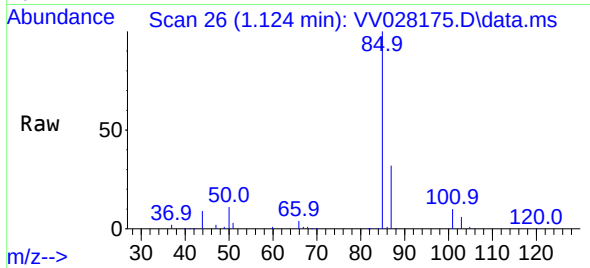




#2
 Dichlorodifluoromethane
 Concen: 5.603 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

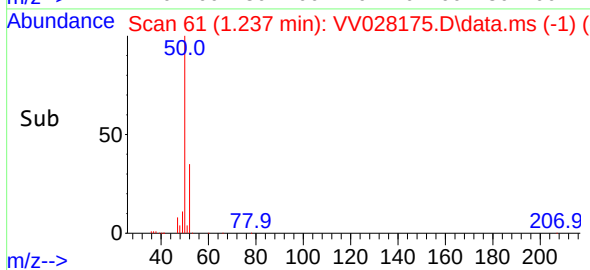
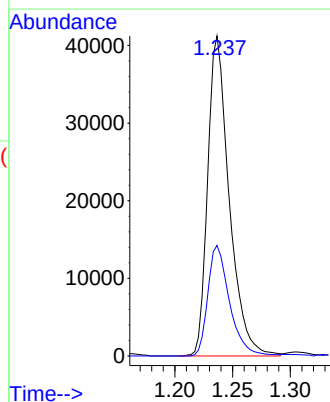
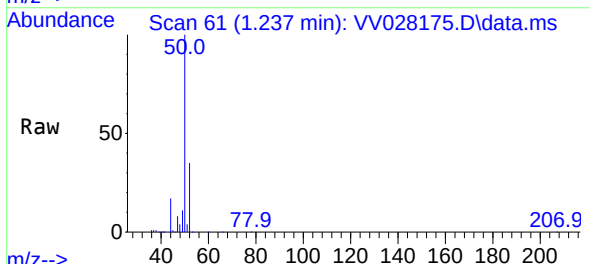
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

Tgt Ion: 85 Resp: 61625
 Ion Ratio Lower Upper
 85 100
 87 32.8 22.8 34.2

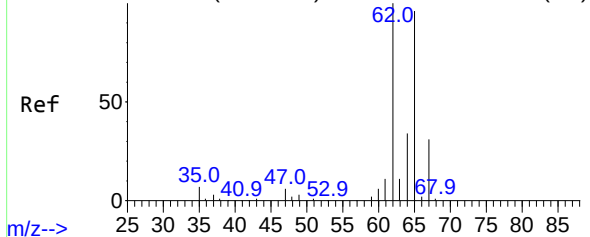


#3
 Chloromethane
 Concen: 3.667 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

Tgt Ion: 50 Resp: 53411
 Ion Ratio Lower Upper
 50 100
 52 34.6 24.4 45.2



Abundance Scan 82 (1.304 min): VV028175.D\data.ms (-73)



#5

Vinyl chloride

Concen: 5.464 ug/L

RT: 1.304 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005309

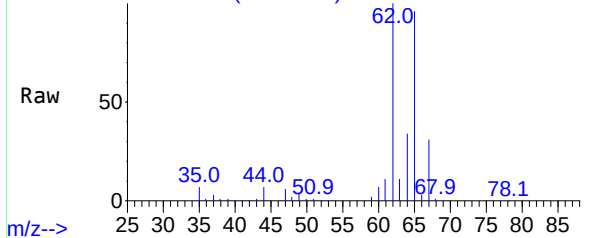
Tgt Ion: 62 Resp: 62397

Ion Ratio Lower Upper

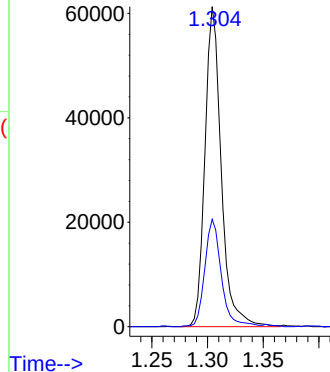
62 100

64 33.5 23.0 42.8

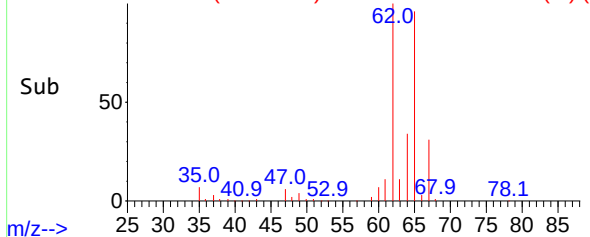
Abundance Scan 82 (1.304 min): VV028175.D\data.ms



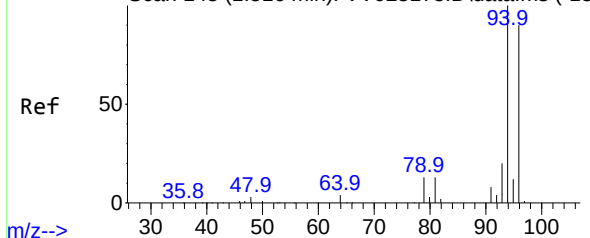
Abundance



Abundance Scan 82 (1.304 min): VV028175.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028175.D\data.ms (-13)



#6

Bromomethane

Concen: 6.620 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

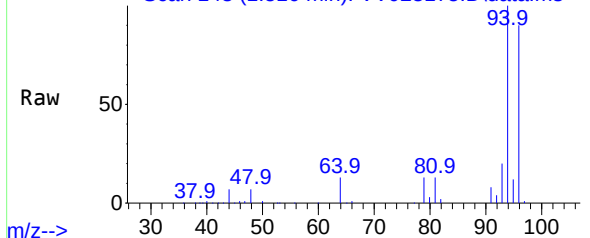
Tgt Ion: 94 Resp: 49232

Ion Ratio Lower Upper

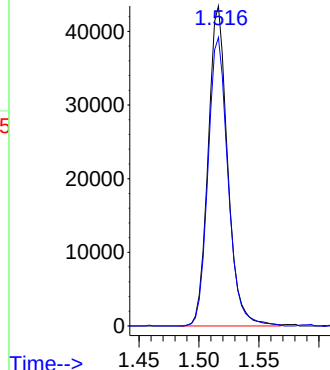
94 100

96 90.2 66.7 123.9

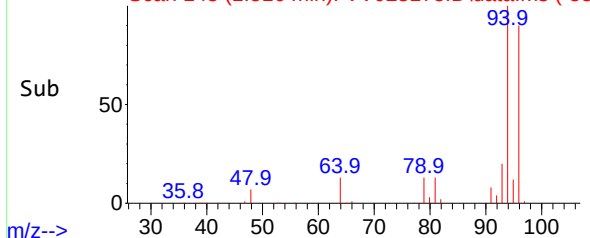
Abundance Scan 148 (1.516 min): VV028175.D\data.ms

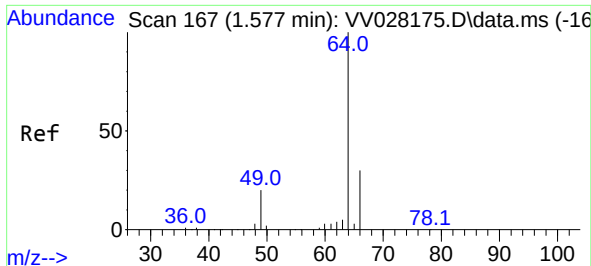


Abundance



Abundance Scan 148 (1.516 min): VV028175.D\data.ms (-55)

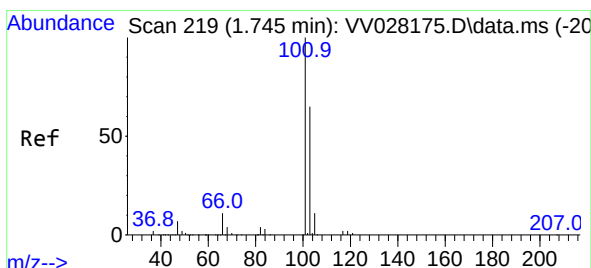
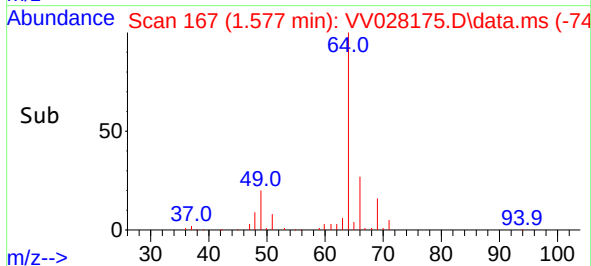
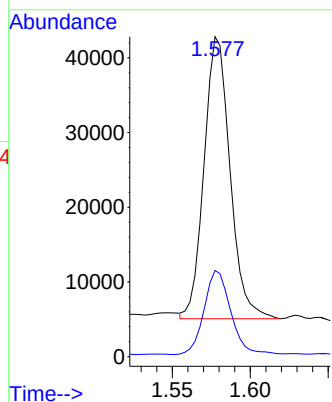
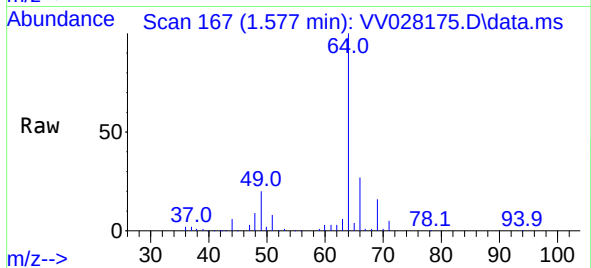




#8
Chloroethane
Concen: 5.707 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

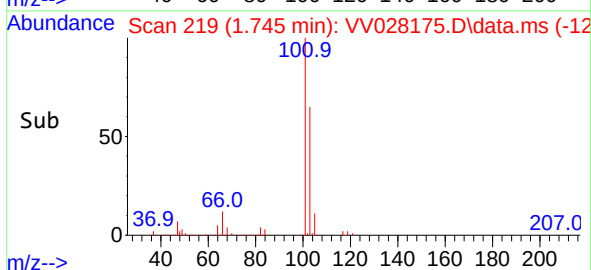
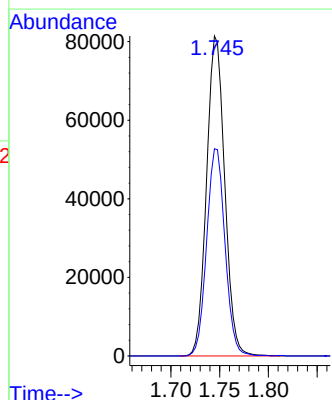
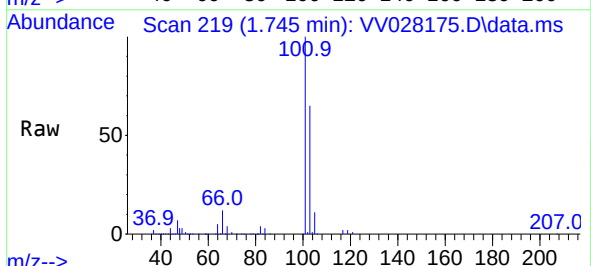
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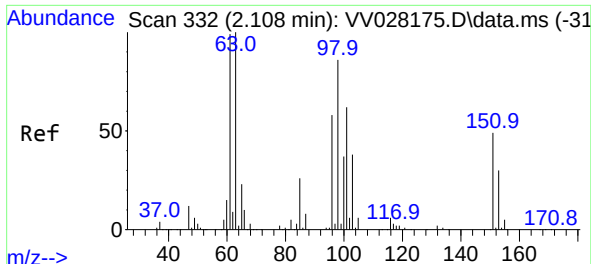
Tgt Ion: 64 Resp: 43701
Ion Ratio Lower Upper
64 100
66 27.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.817 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:101 Resp: 105474
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

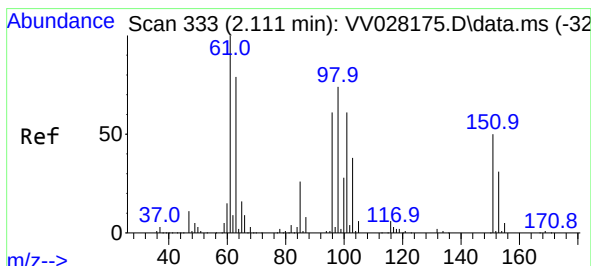
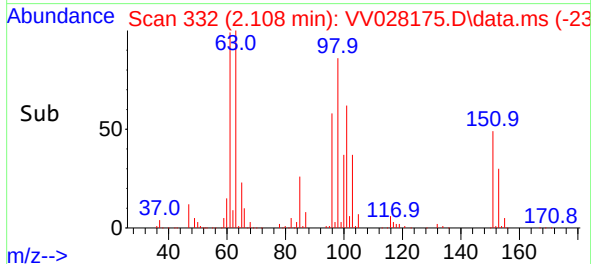
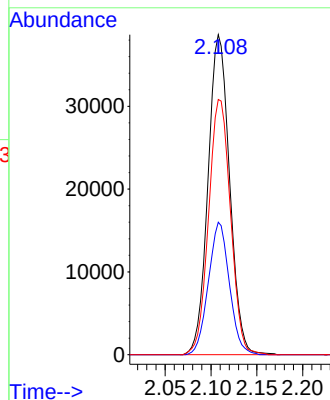
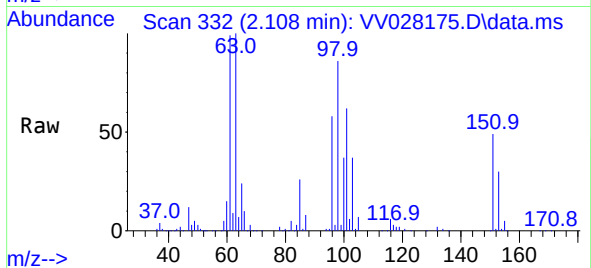




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.060 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

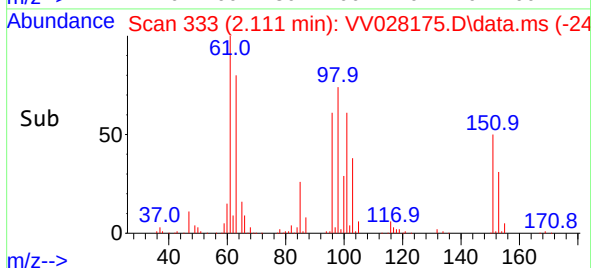
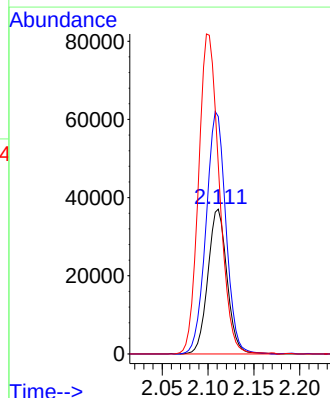
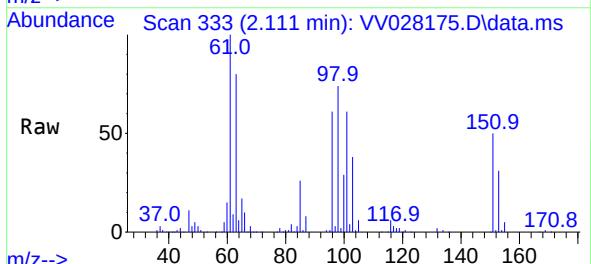
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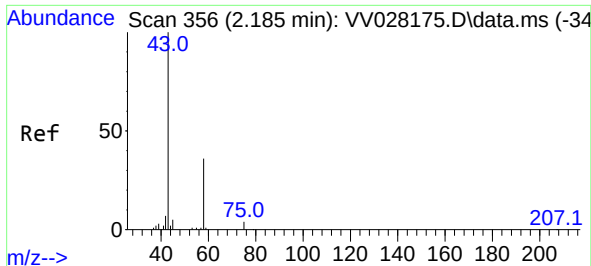
Tgt Ion:101 Resp: 63325
 Ion Ratio Lower Upper
 101 100
 85 40.3 34.4 51.6
 151 81.0 61.1 91.7



#12
 1,1-Dichloroethene
 Concen: 5.277 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

Tgt Ion: 96 Resp: 53709
 Ion Ratio Lower Upper
 96 100
 61 163.9 128.3 238.3
 63 130.8 112.7 209.3

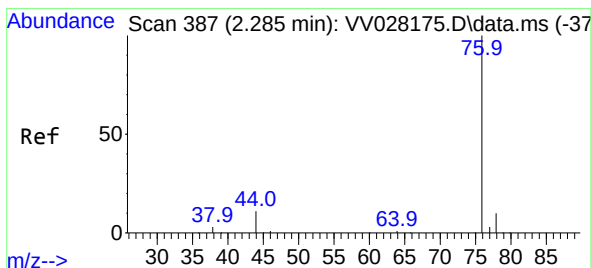
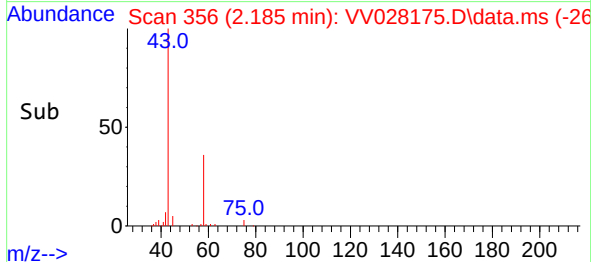
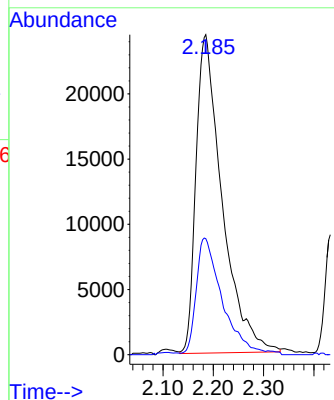
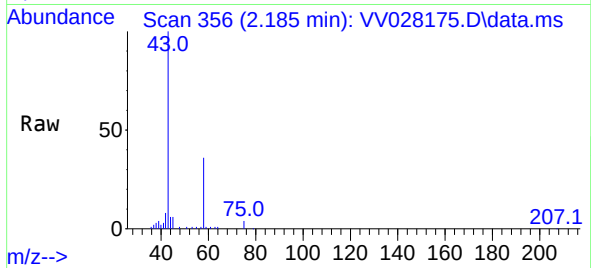




#13
Acetone
Concen: 44.304 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

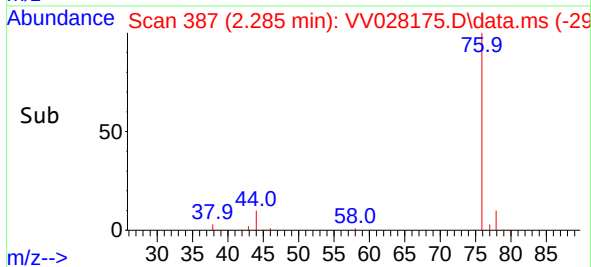
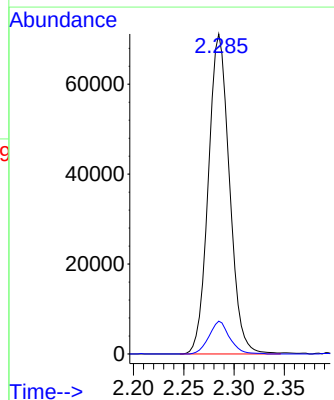
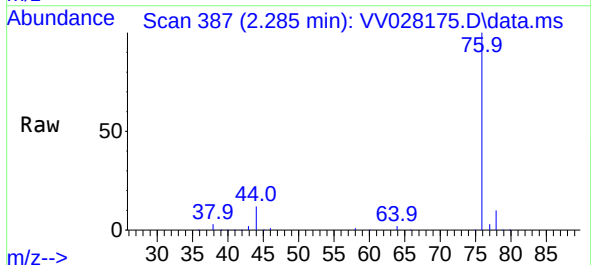
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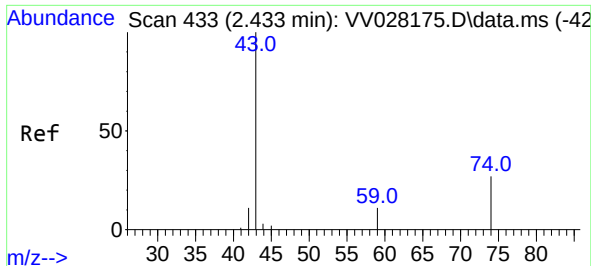
Tgt Ion: 43 Resp: 87956
Ion Ratio Lower Upper
43 100
58 35.2 0.0 65.6



#14
Carbon disulfide
Concen: 5.330 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 76 Resp: 104101
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4

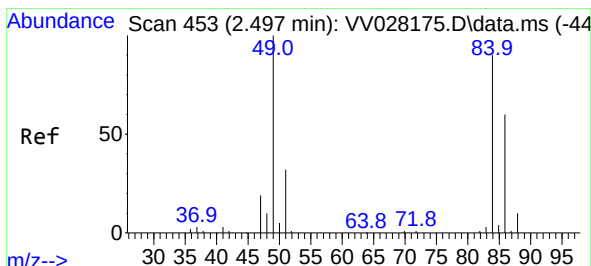
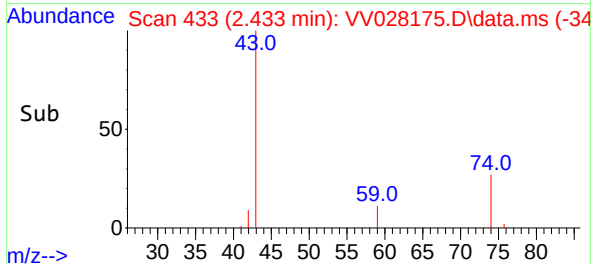
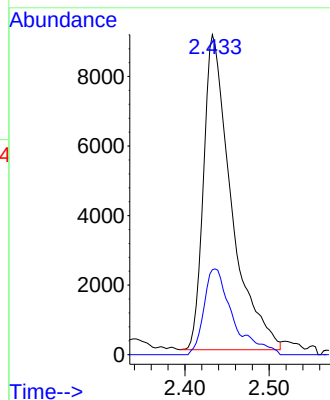
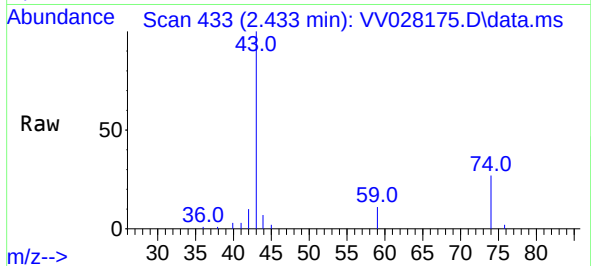




#15
Methyl Acetate
Concen: 5.388 ug/L
RT: 2.433 min Scan# 433
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

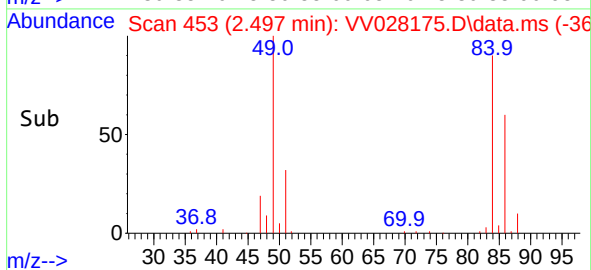
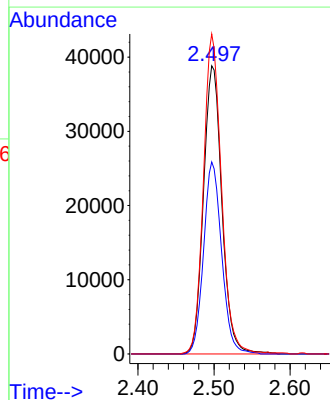
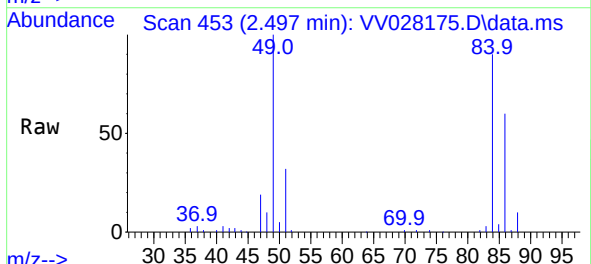
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

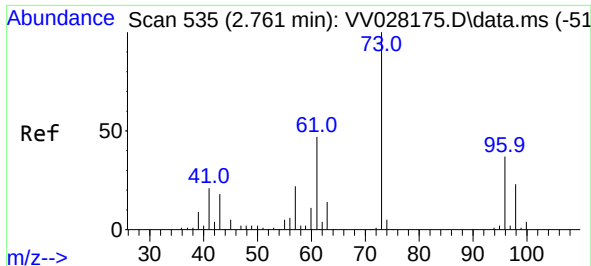
Tgt Ion: 43 Resp: 20766
Ion Ratio Lower Upper
43 100
74 24.5 16.9 25.3



#16
Methylene chloride
Concen: 5.757 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 84 Resp: 65400
Ion Ratio Lower Upper
84 100
86 66.6 46.8 86.8
49 111.0 87.5 162.5

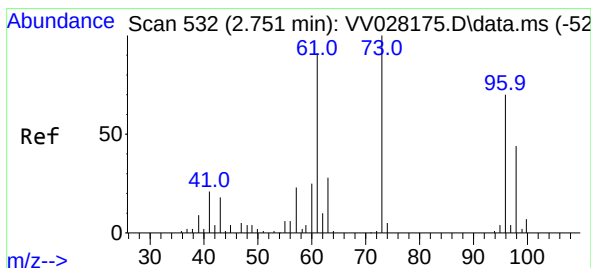
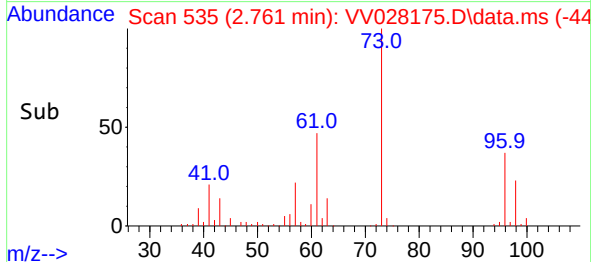
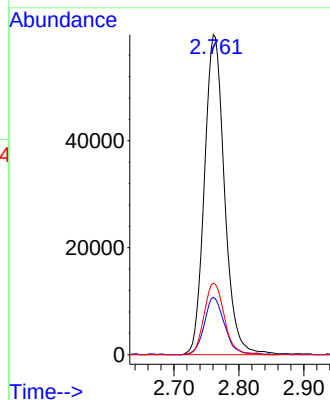
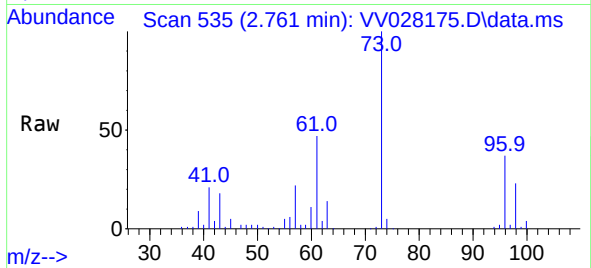




#17
Methyl tert-butyl Ether
Concen: 5.884 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

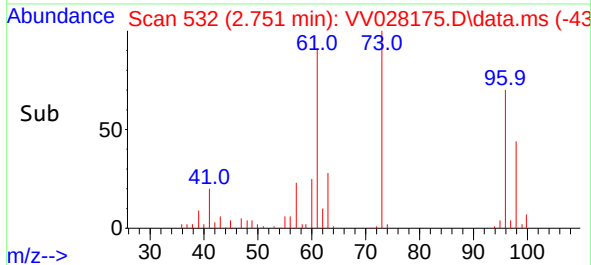
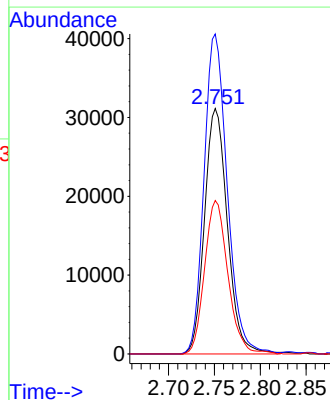
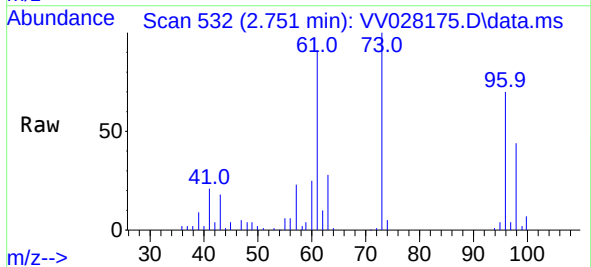
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

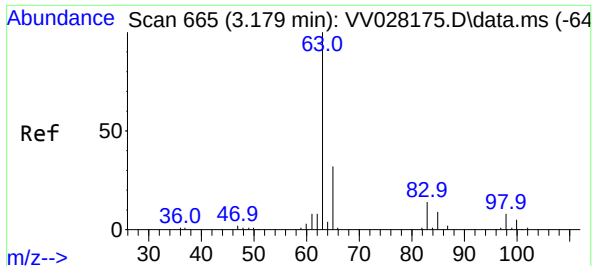
Tgt Ion: 73 Resp: 128807
Ion Ratio Lower Upper
73 100
43 18.2 15.7 23.5
57 22.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 6.069 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 96 Resp: 54066
Ion Ratio Lower Upper
96 100
61 130.4 96.2 178.6
98 62.5 45.7 84.9

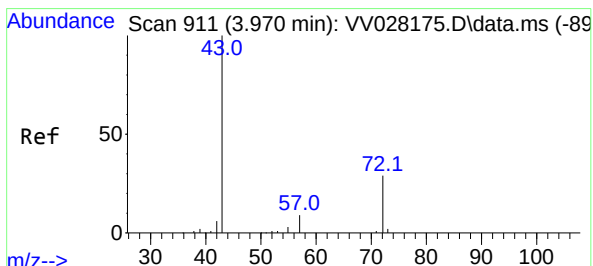
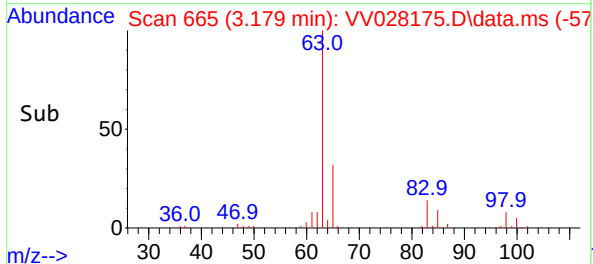
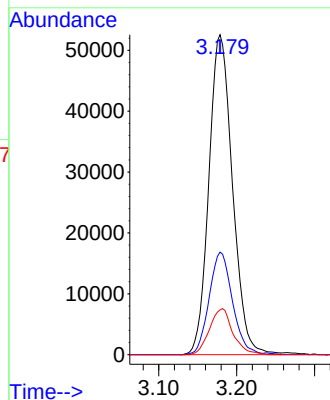
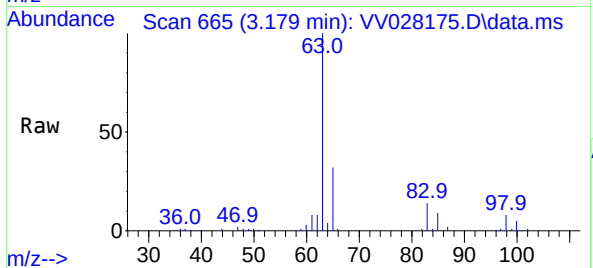




#19
1,1-Dichloroethane
Concen: 5.691 ug/L
RT: 3.179 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

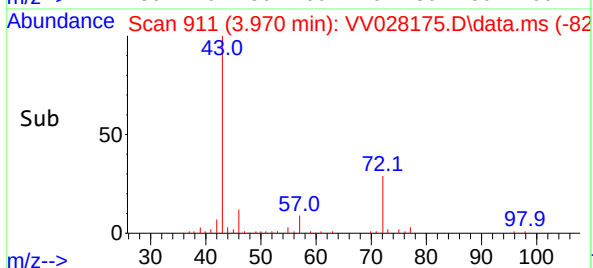
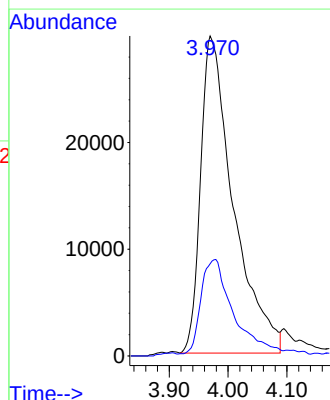
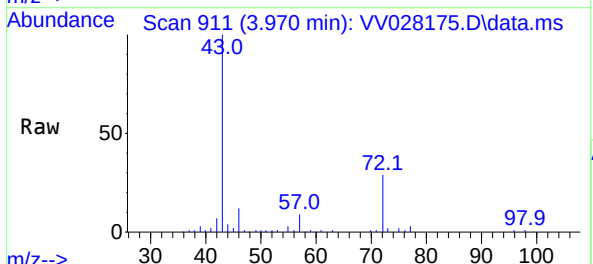
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

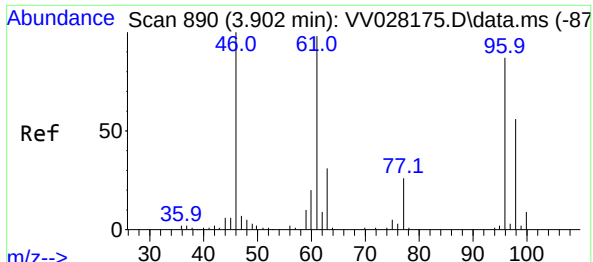
Tgt Ion: 63 Resp: 110603
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.8
83 14.0 9.2 17.2



#21
2-Butanone
Concen: 46.635 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.006 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

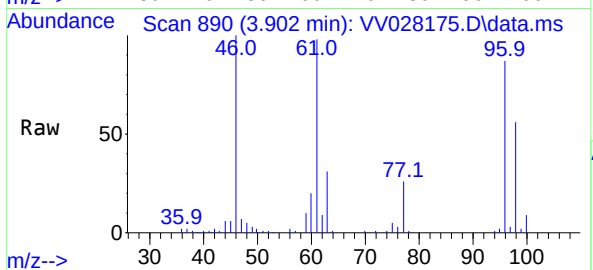
Tgt Ion: 43 Resp: 114624
Ion Ratio Lower Upper
43 100
72 29.4 12.7 38.1



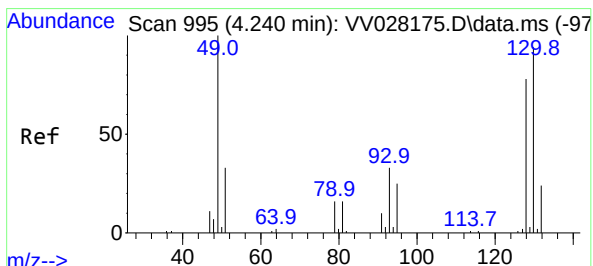
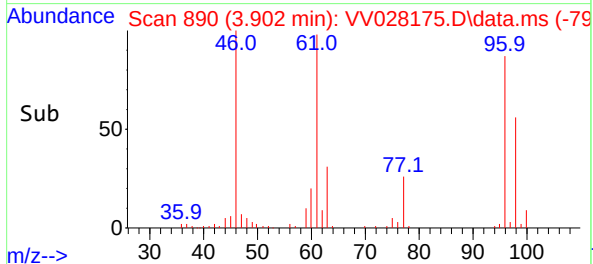
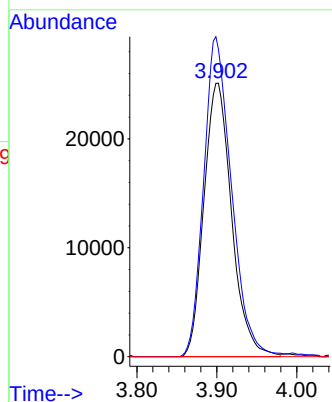


#22
 cis-1,2-Dichloroethene
 Concen: 5.177 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

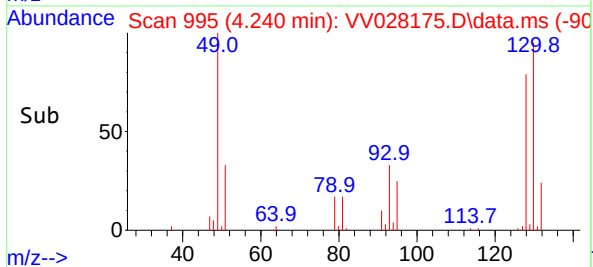
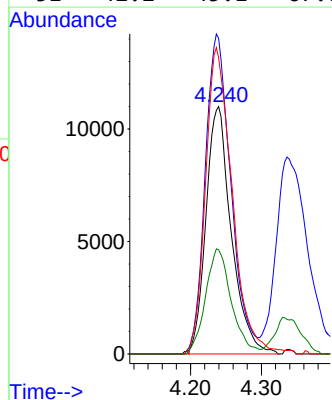
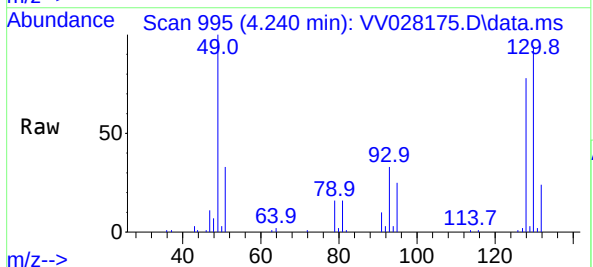


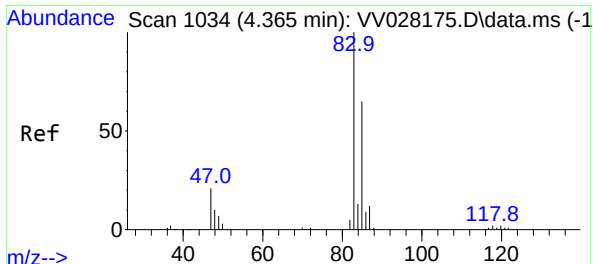
Tgt Ion: 96 Resp: 60513
 Ion Ratio Lower Upper
 96 100
 61 112.4 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.841 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

Tgt Ion: 128 Resp: 27340
 Ion Ratio Lower Upper
 128 100
 49 127.7 119.9 222.7
 130 119.7 94.6 175.8
 51 42.2 45.1 67.7#

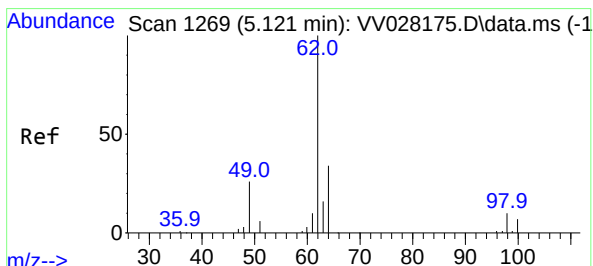
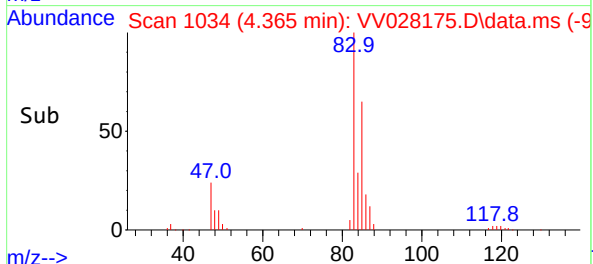
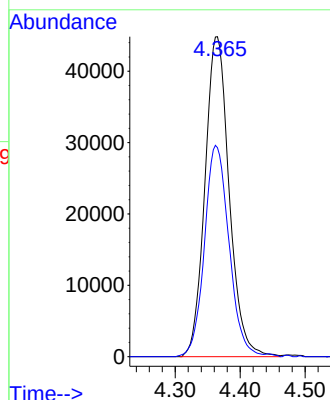
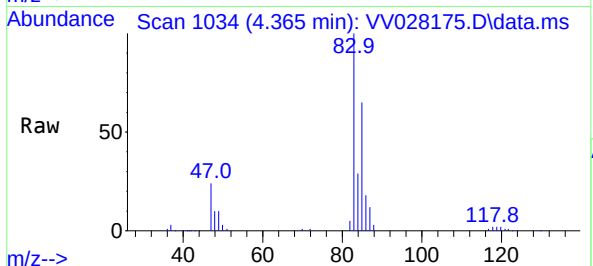




#25
Chloroform
Concen: 5.580 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

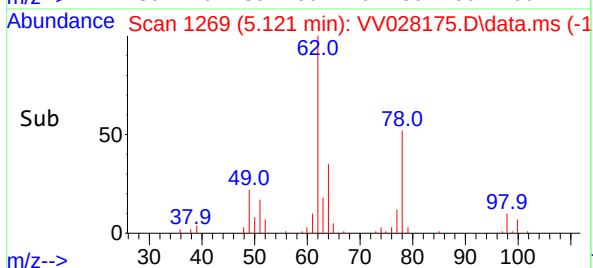
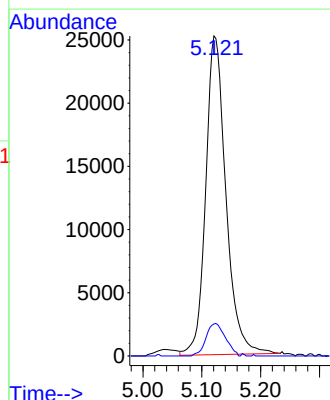
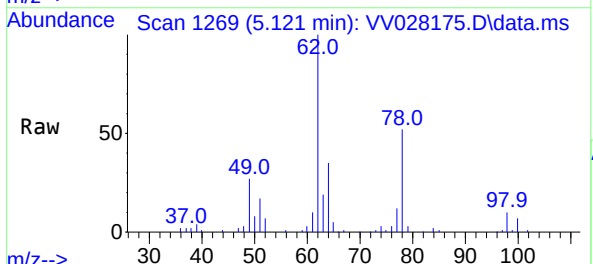
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

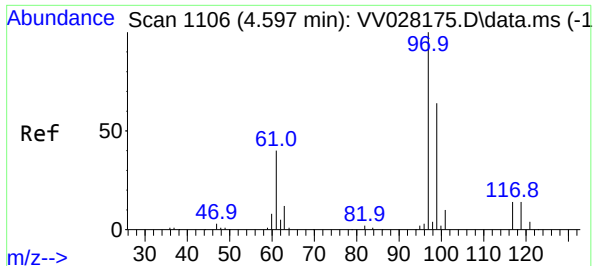
Tgt Ion: 83 Resp: 116355
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 5.403 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 62 Resp: 60080
Ion Ratio Lower Upper
62 100
98 10.0 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 5.575 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005309

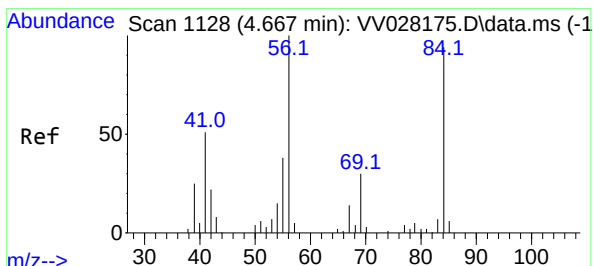
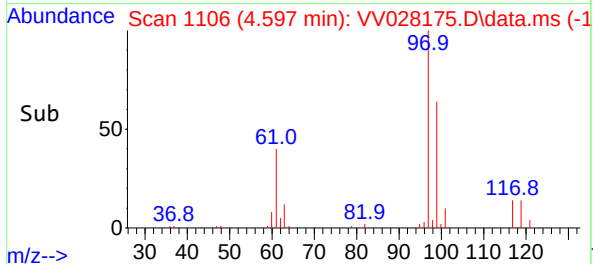
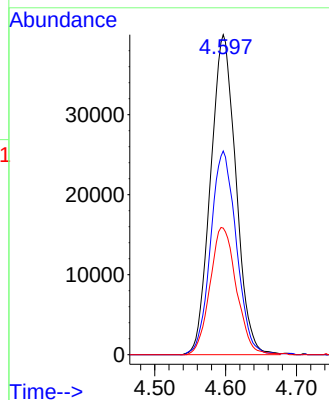
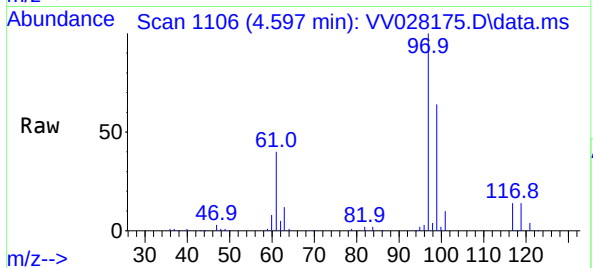
Tgt Ion: 97 Resp: 99265

Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 41.4 34.8 52.2



#30

Cyclohexane

Concen: 4.857 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.003 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

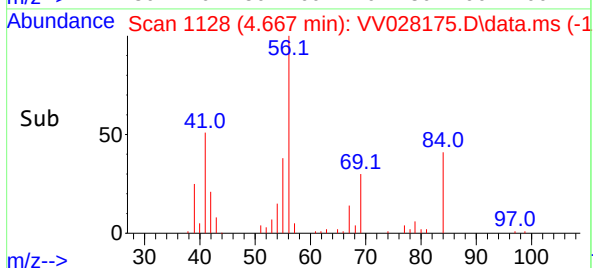
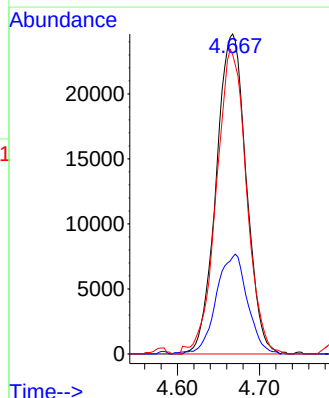
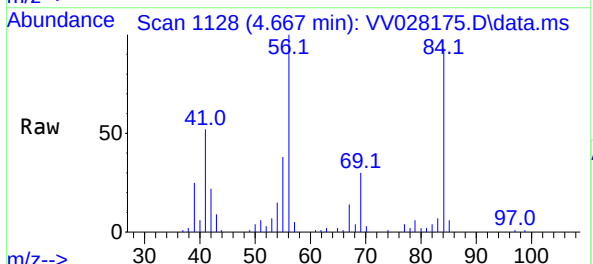
Tgt Ion: 56 Resp: 62554

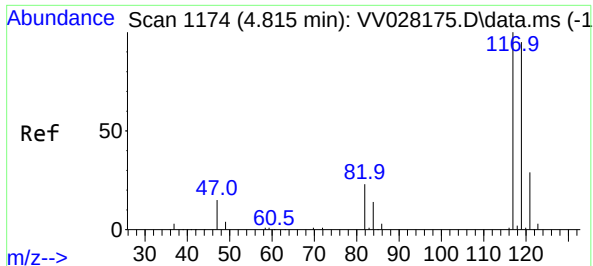
Ion Ratio Lower Upper

56 100

69 32.5 23.7 35.5

84 95.6 67.3 100.9

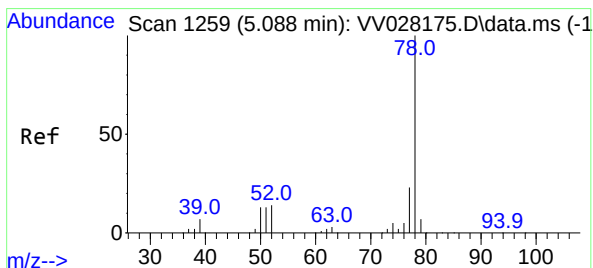
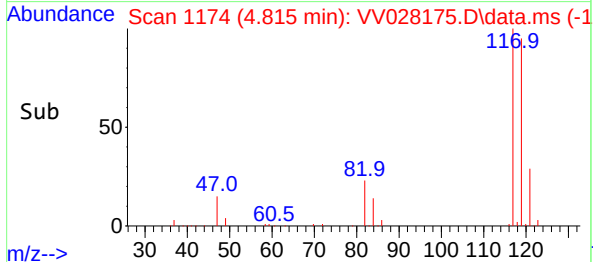
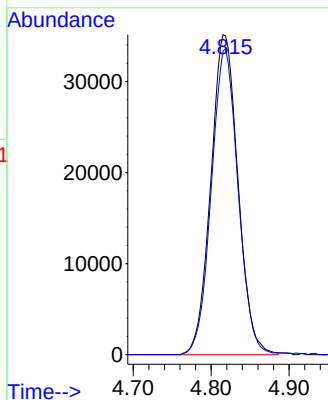
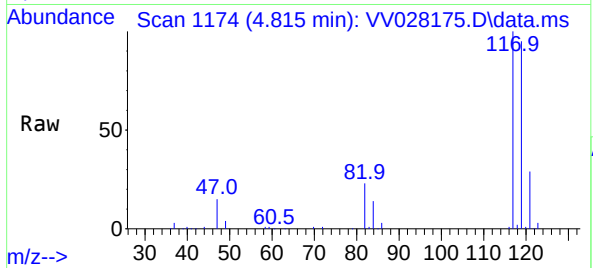




#31
Carbon tetrachloride
Concen: 5.807 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

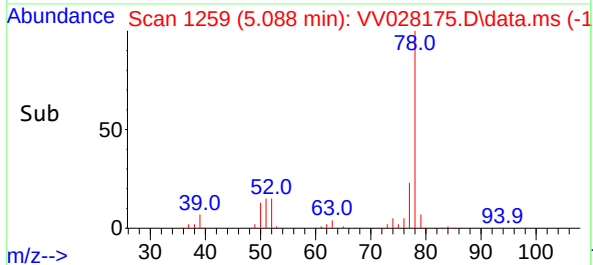
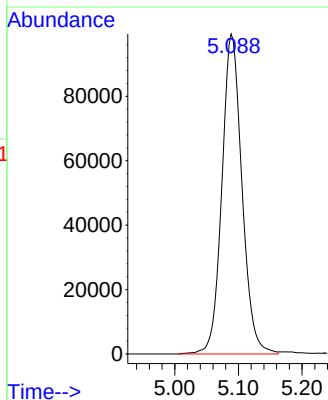
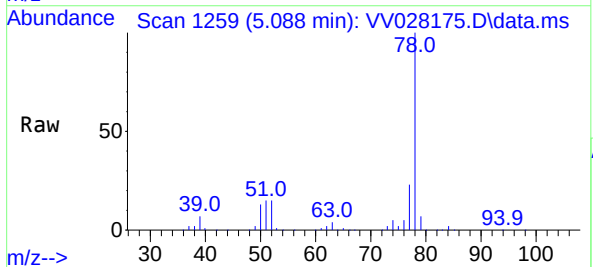
Instrument : MSVOA_V
ClientSampleId : VSTD005309

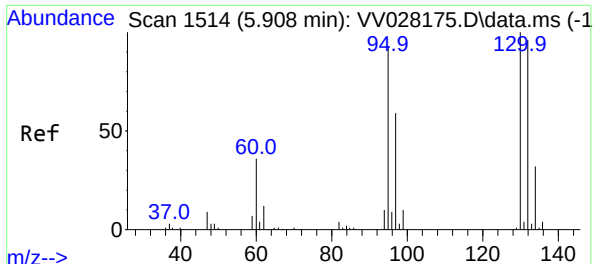
Tgt Ion:117 Resp: 85090
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 5.412 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 78 Resp: 217793



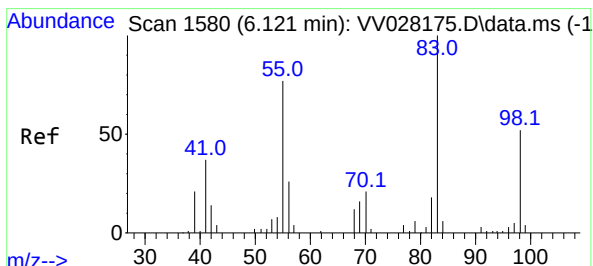
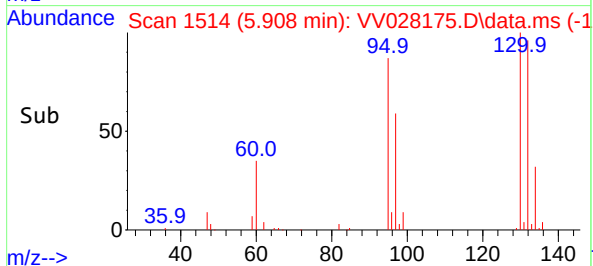
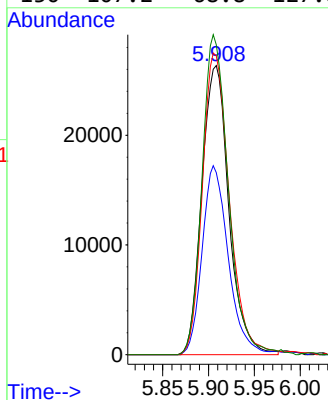
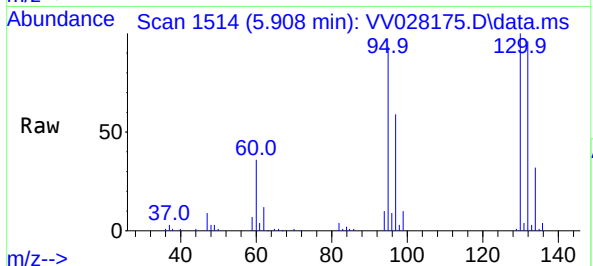


#34
Trichloroethene
Concen: 5.394 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Tgt Ion: 95 Resp: 54035

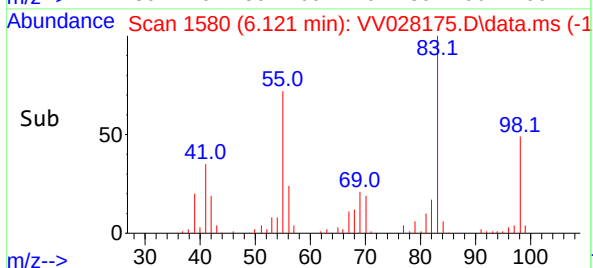
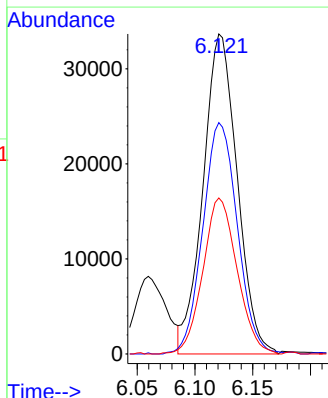
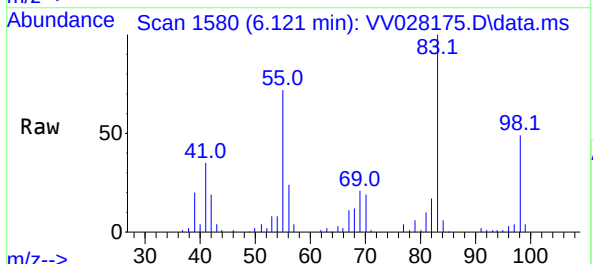
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.2	82.0
132	103.4	67.8	126.0
130	107.2	68.8	127.8

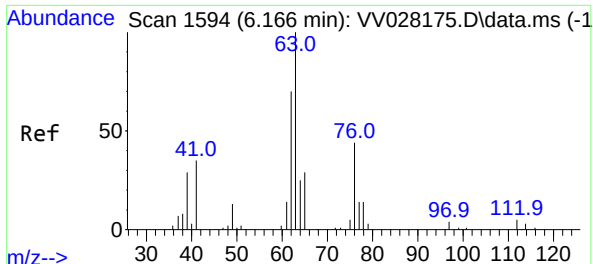


#35
Methylcyclohexane
Concen: 5.033 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 83 Resp: 69140

Ion	Ratio	Lower	Upper
83	100		
55	73.3	64.7	97.1
98	48.9	39.5	59.3

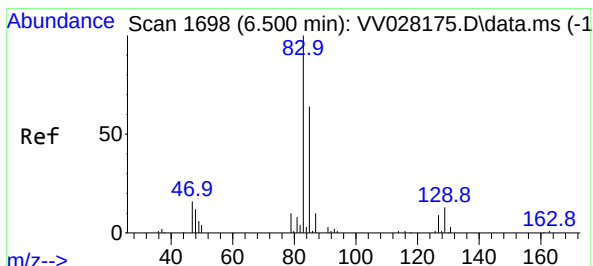
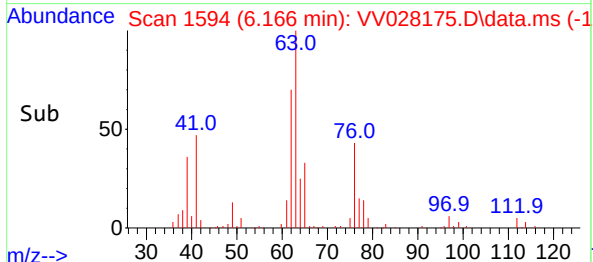
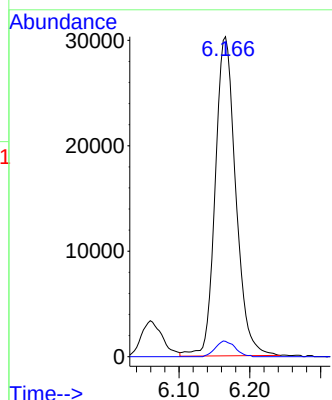
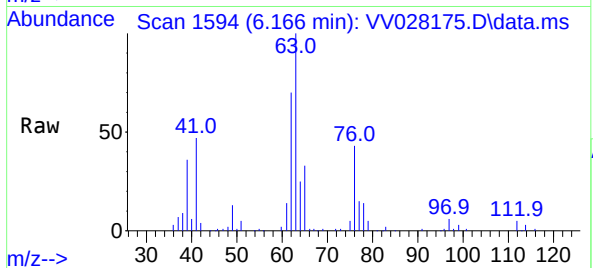




#37
1,2-Dichloropropane
Concen: 5.402 ug/L
RT: 6.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

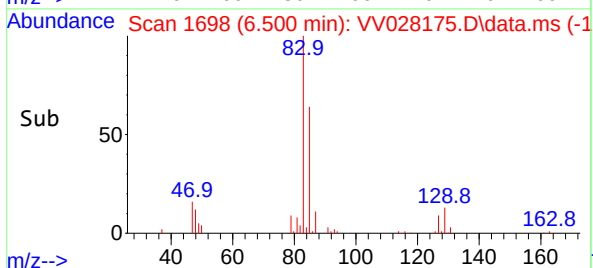
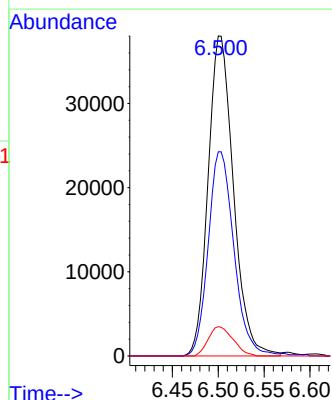
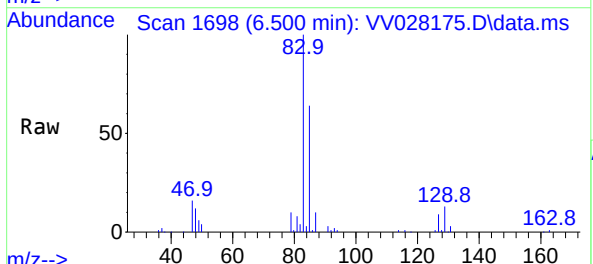
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

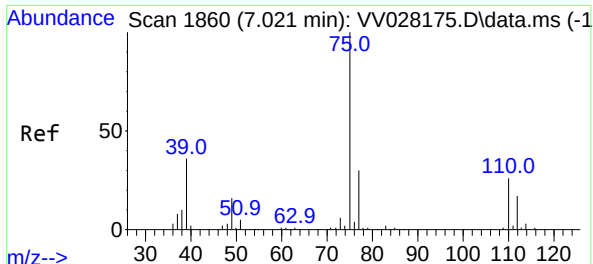
Tgt Ion: 63 Resp: 60945
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 5.246 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 83 Resp: 73072
Ion Ratio Lower Upper
83 100
85 63.8 43.8 81.4
127 9.1 6.3 9.5

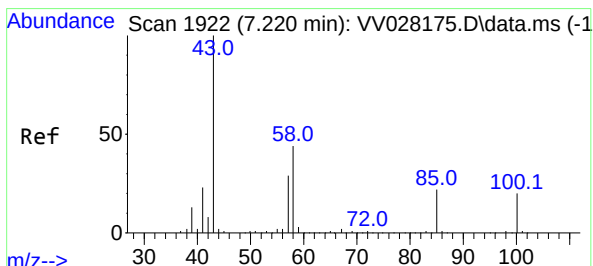
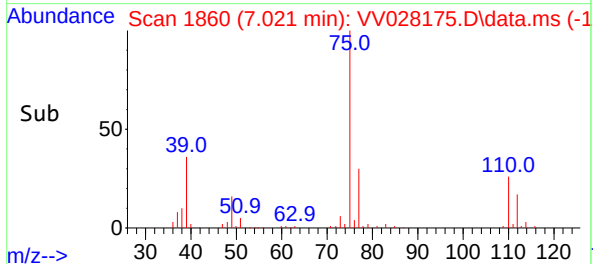
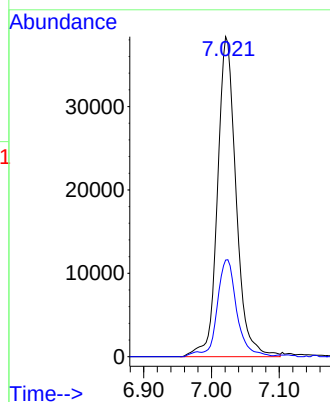
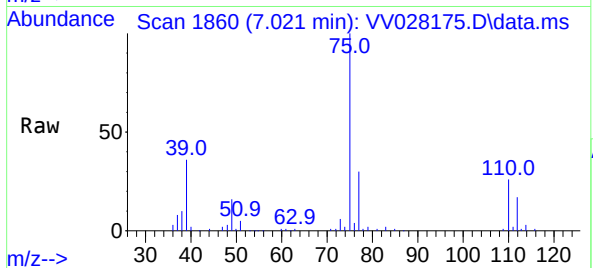




#39
 cis-1,3-Dichloropropene
 Concen: 5.217 ug/L
 RT: 7.021 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

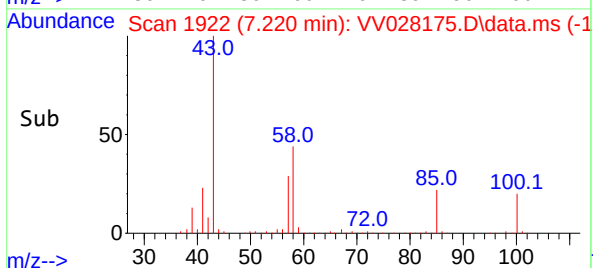
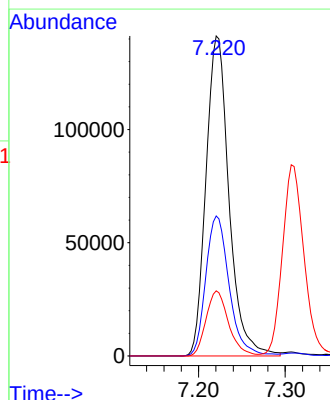
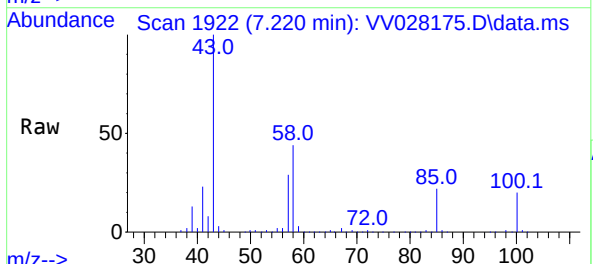
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005309

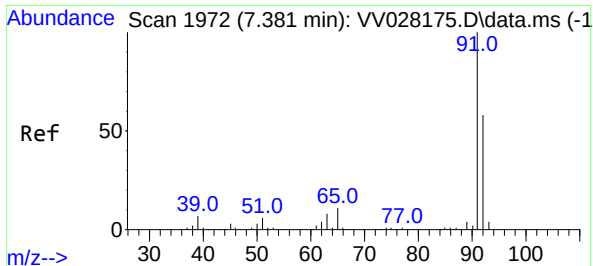
Tgt Ion: 75 Resp: 73099
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 47.675 ug/L
 RT: 7.220 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: VV028175.D
 Acq: 29 Sep 2022 10:24

Tgt Ion: 43 Resp: 261184
 Ion Ratio Lower Upper
 43 100
 58 44.4 32.2 48.4
 100 19.9 12.7 19.1#





#42

Toluene

Concen: 5.495 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

Instrument :

MSVOA_V

ClientSampleId :

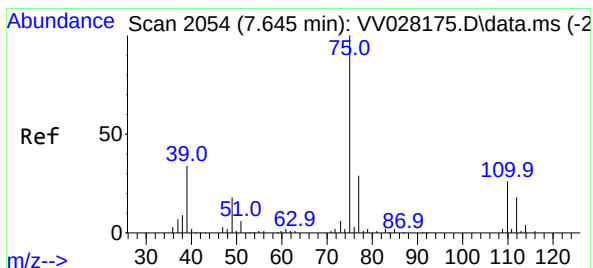
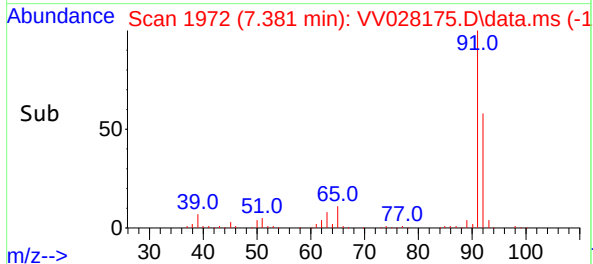
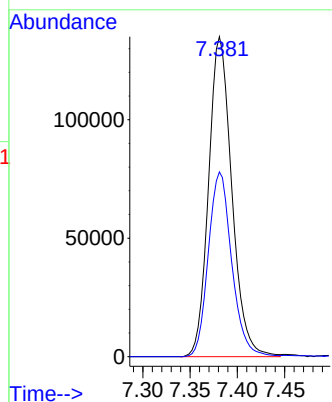
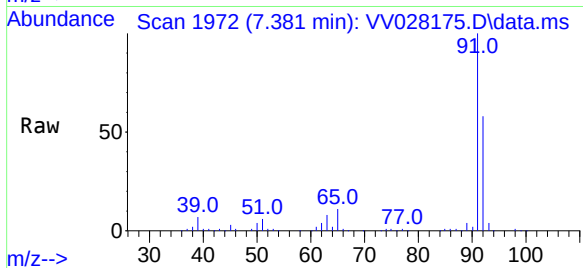
VSTD005309

Tgt Ion: 91 Resp: 230643

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.268 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VV028175.D

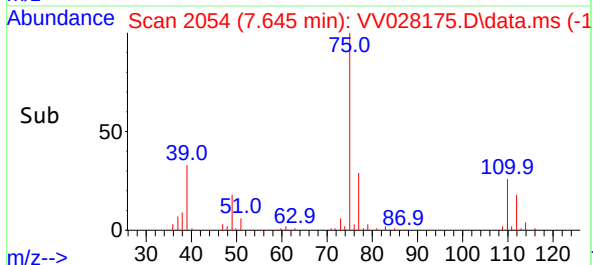
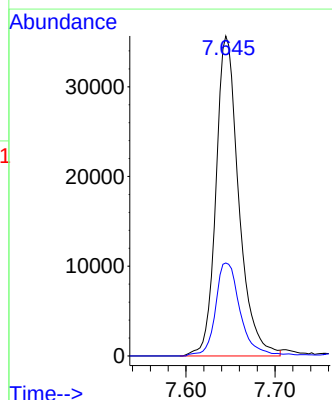
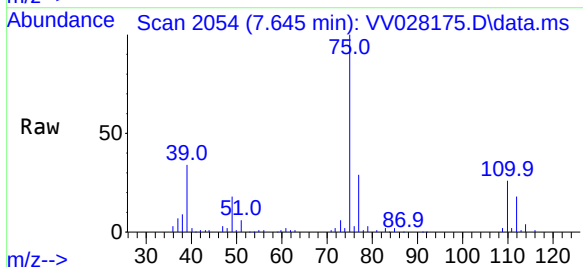
Acq: 29 Sep 2022 10:24

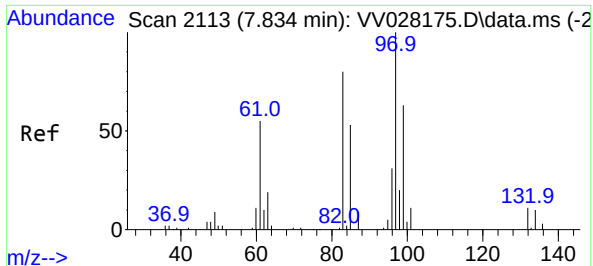
Tgt Ion: 75 Resp: 63497

Ion Ratio Lower Upper

75 100

77 29.0 23.9 44.3



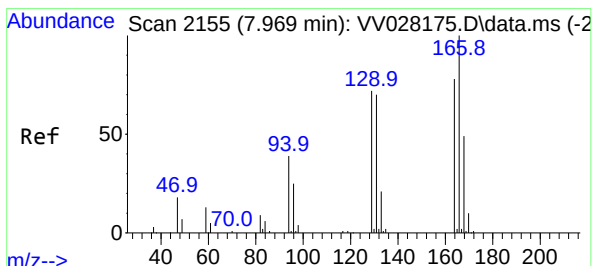
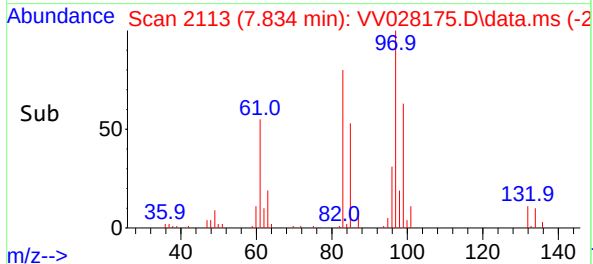
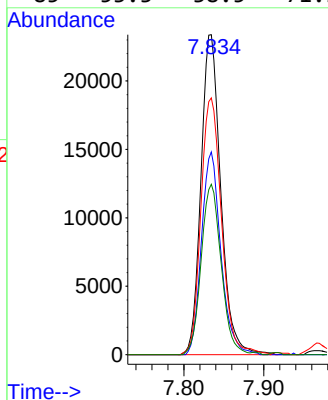
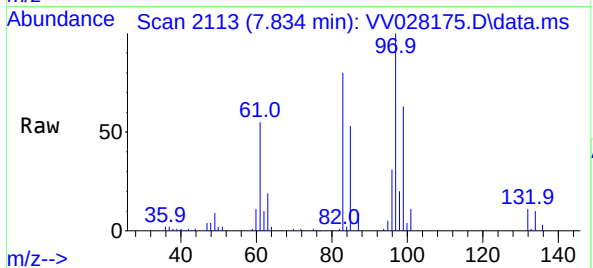


#45
1,1,2-Trichloroethane
Concen: 5.343 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Tgt Ion: 97 Resp: 40404

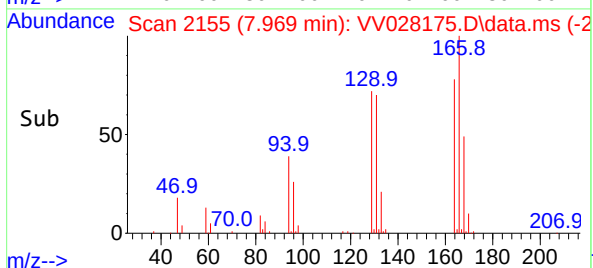
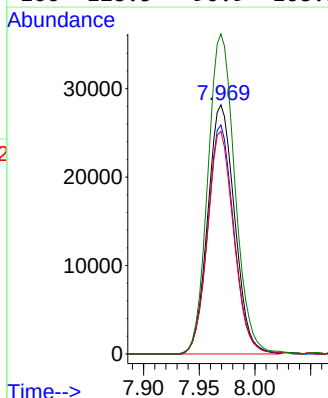
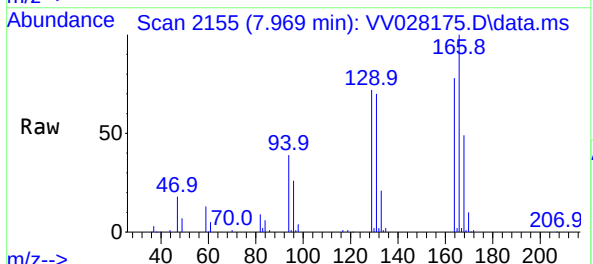
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.2	80.2
83	80.3	59.1	109.9
85	53.3	38.5	71.5

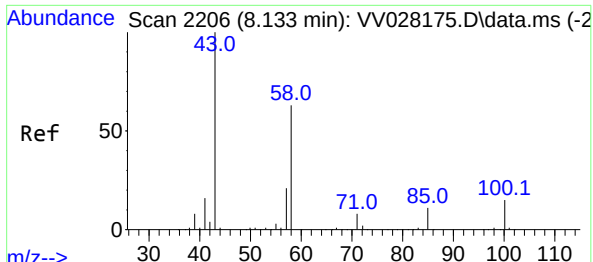


#47
Tetrachloroethene
Concen: 5.926 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 164 Resp: 47380

Ion	Ratio	Lower	Upper
164	100		
129	91.9	66.7	123.9
131	89.4	61.7	114.5
166	128.5	90.9	168.9

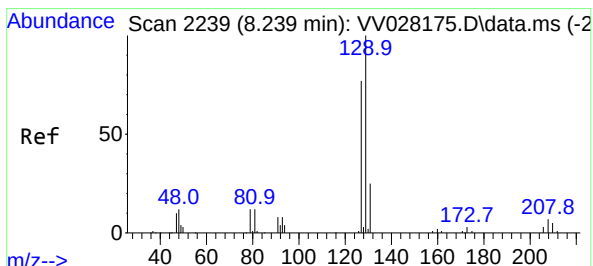
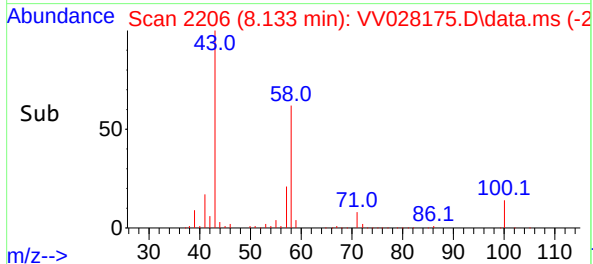
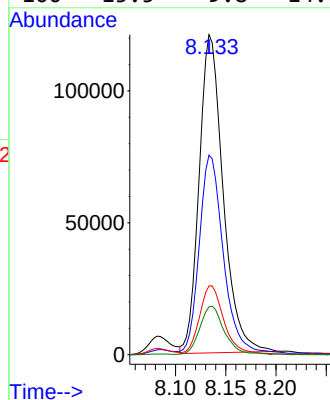
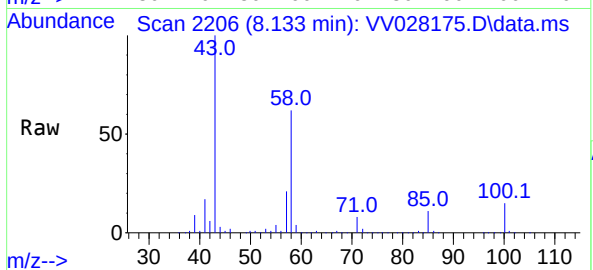




#48
2-Hexanone
Concen: 48.305 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

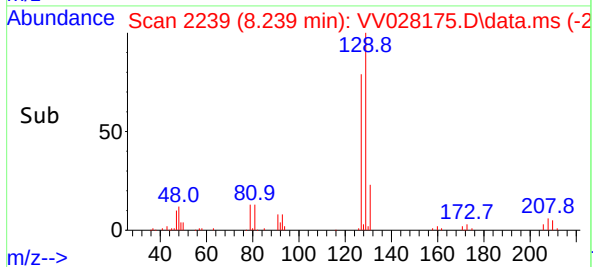
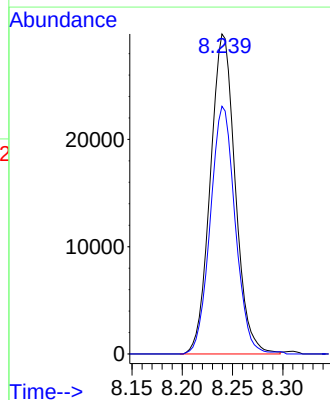
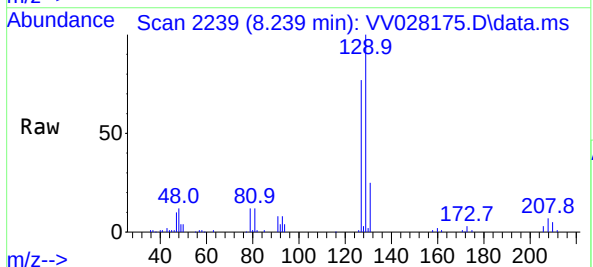
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

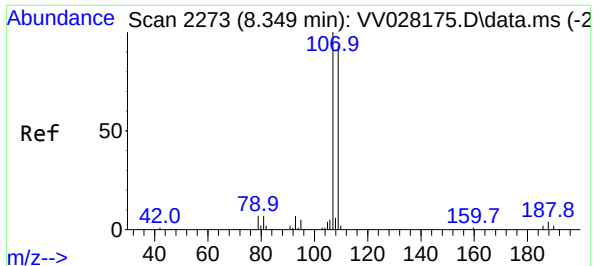
Tgt Ion: 43 Resp: 200896
Ion Ratio Lower Upper
43 100
58 62.7 45.7 68.5
57 22.3 15.5 23.3
100 15.5 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.662 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 129 Resp: 51480
Ion Ratio Lower Upper
129 100
127 77.4 54.3 100.9



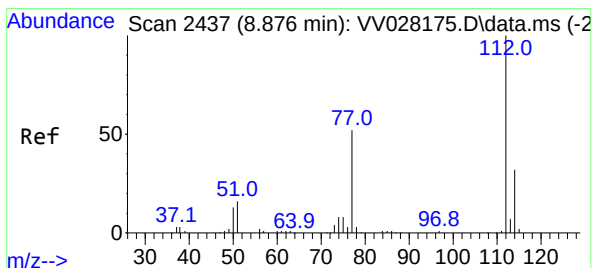
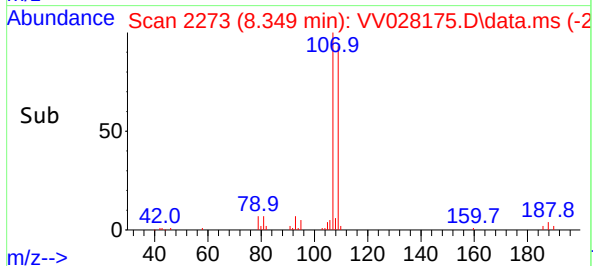
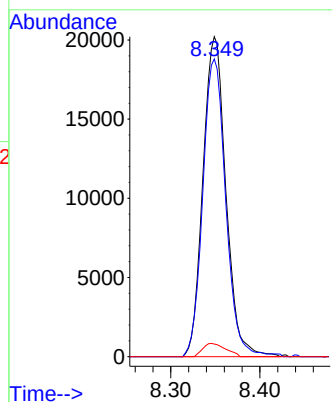
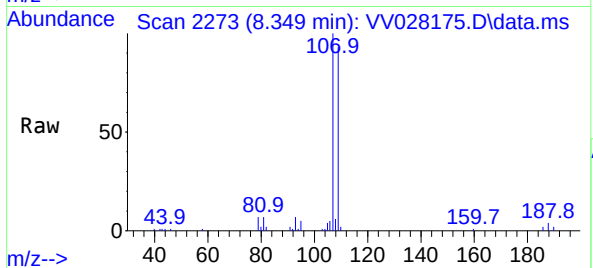


#50
1,2-Dibromoethane
Concen: 5.495 ug/L
RT: 8.349 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Tgt Ion:107 Resp: 36112

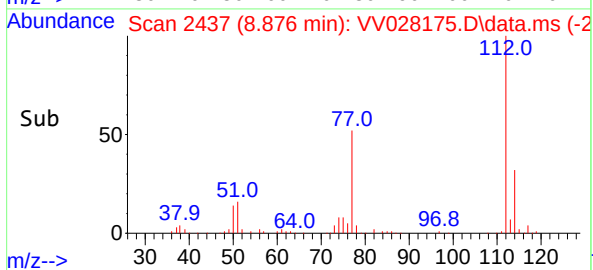
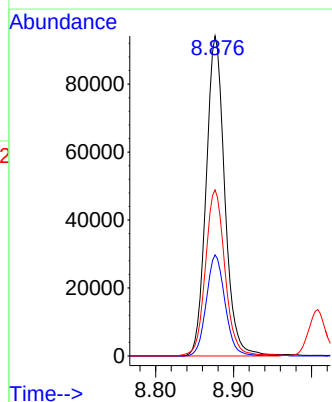
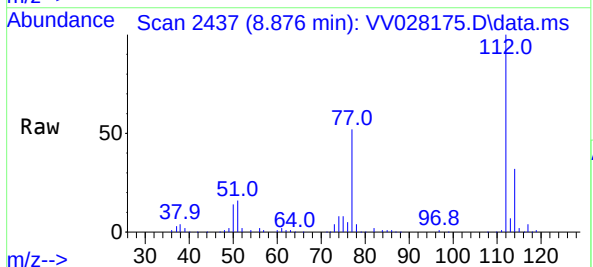
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.9	122.5
188	4.0	3.4	5.0

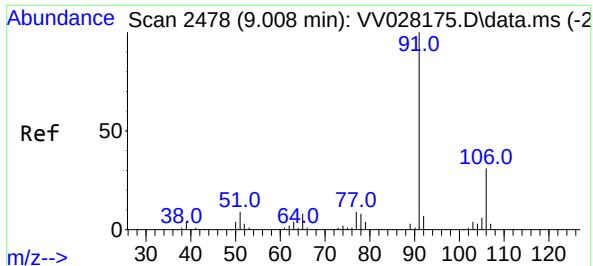


#51
Chlorobenzene
Concen: 5.550 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:112 Resp: 156253

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	51.9	46.1	69.1

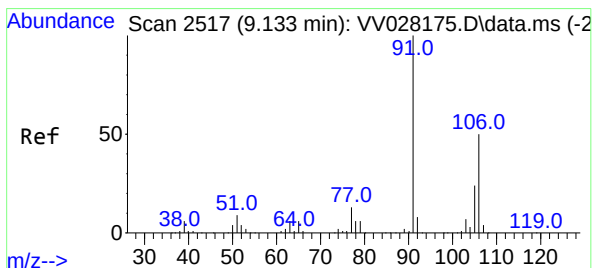
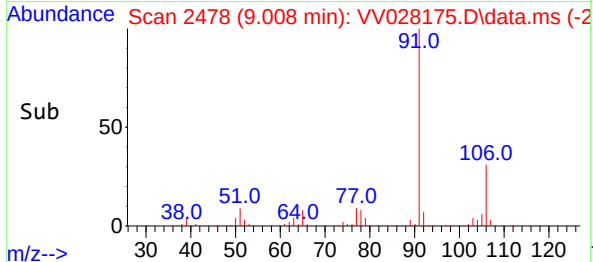
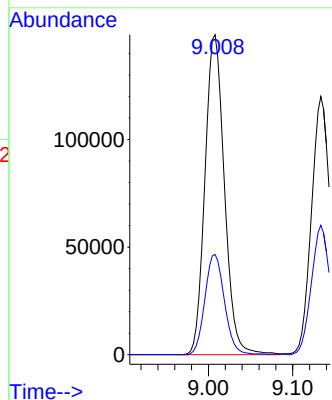
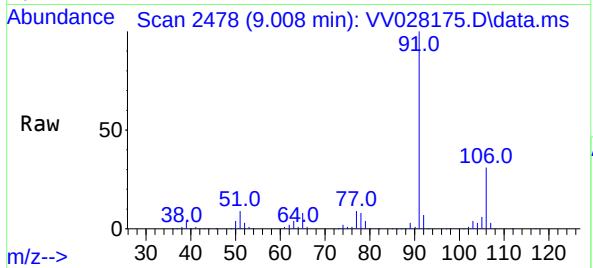




#52
Ethylbenzene
Concen: 5.391 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

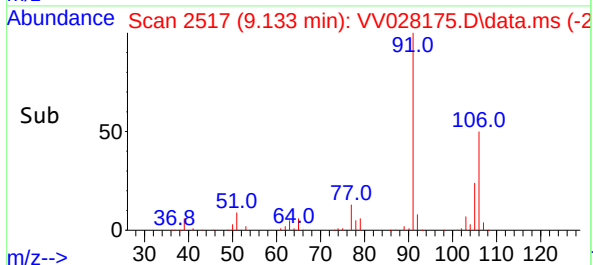
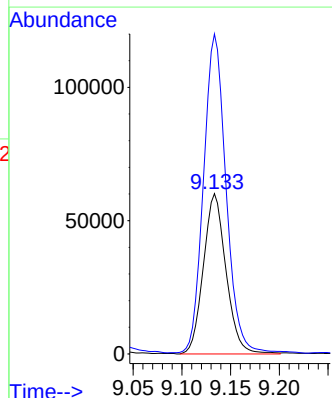
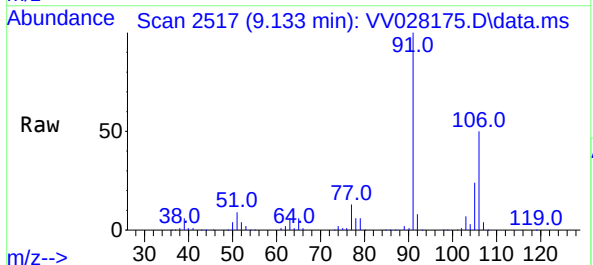
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

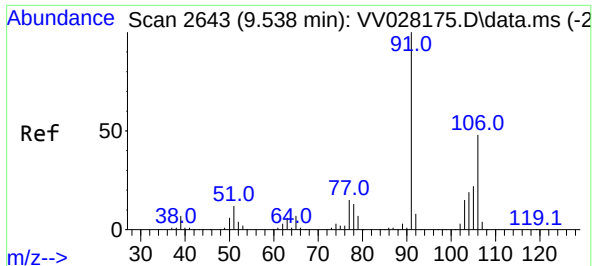
Tgt Ion: 91 Resp: 239400
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.711 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 106 Resp: 97191
Ion Ratio Lower Upper
106 100
91 199.6 141.9 263.5

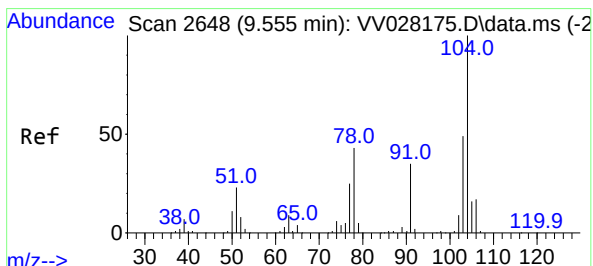
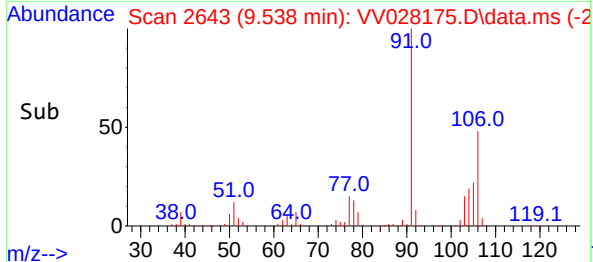
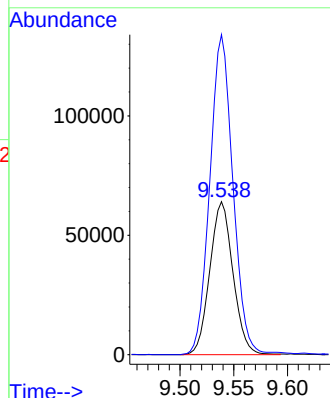
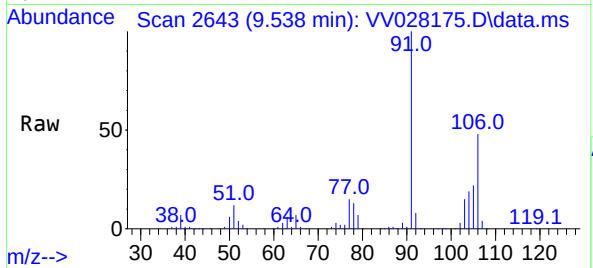




#54
o-Xylene
Concen: 5.719 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

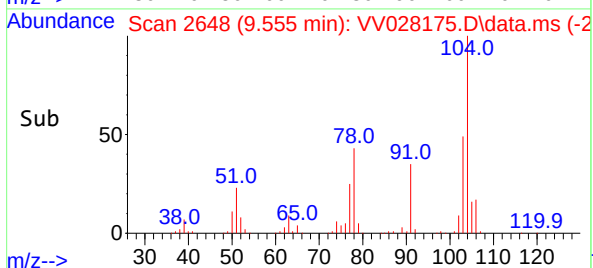
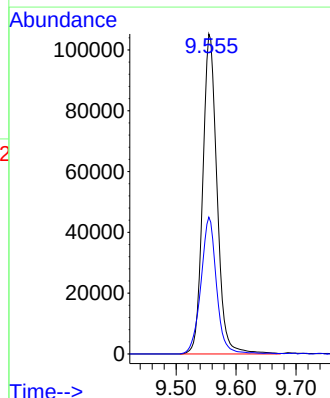
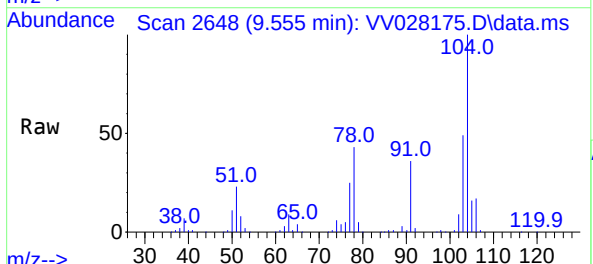
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

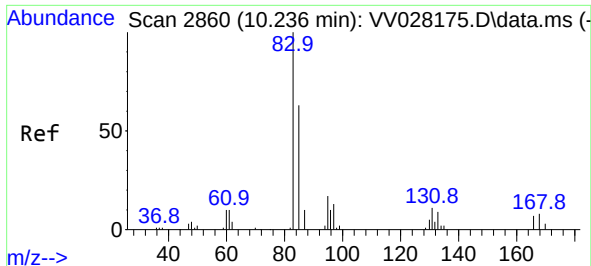
Tgt Ion:106 Resp: 96111
Ion Ratio Lower Upper
106 100
91 209.3 148.1 275.0



#55
Styrene
Concen: 6.008 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:104 Resp: 174952
Ion Ratio Lower Upper
104 100
78 42.8 31.0 57.6

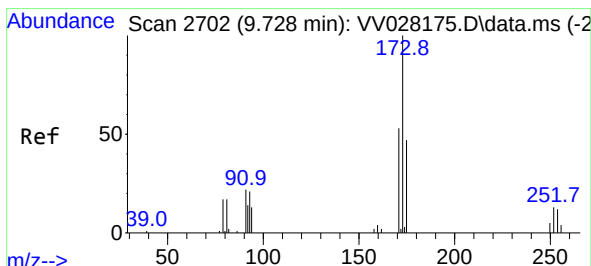
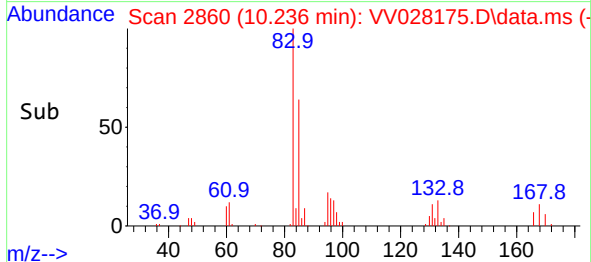
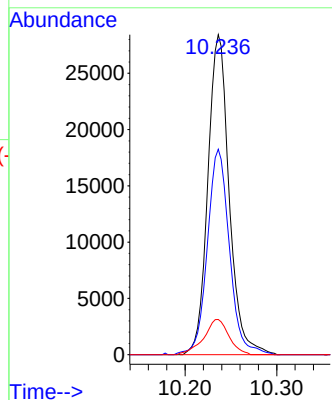
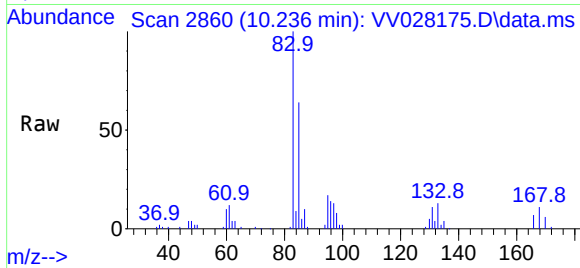




#57
1,1,2,2-Tetrachloroethane
Concen: 5.209 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

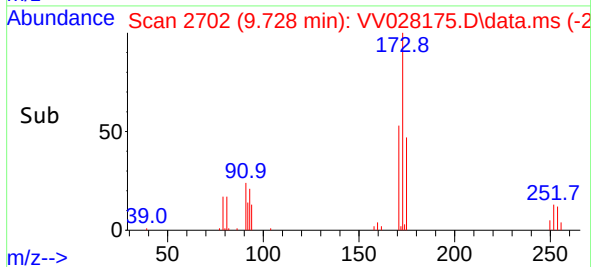
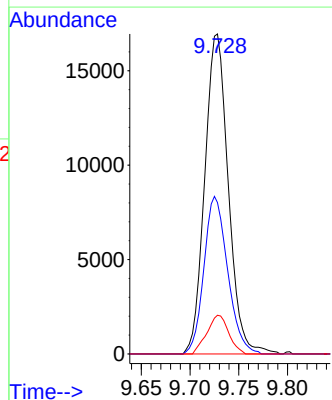
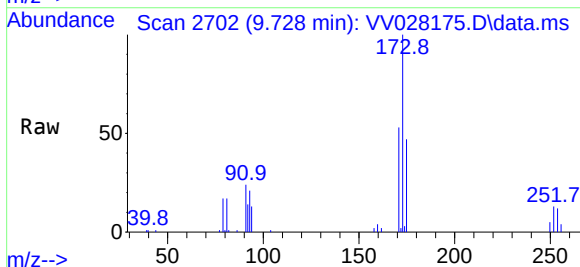
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

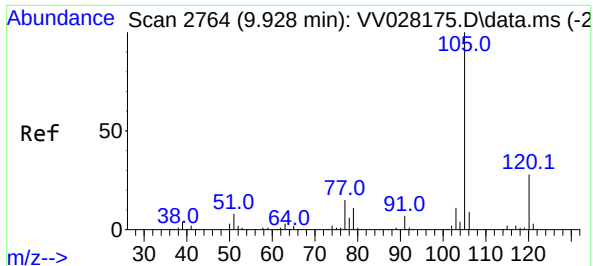
Tgt Ion: 83 Resp: 45898
Ion Ratio Lower Upper
83 100
85 64.2 45.2 84.0
131 11.0 7.8 11.8



#59
Bromoform
Concen: 5.254 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 173 Resp: 28507
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.4
254 11.2 8.7 13.1

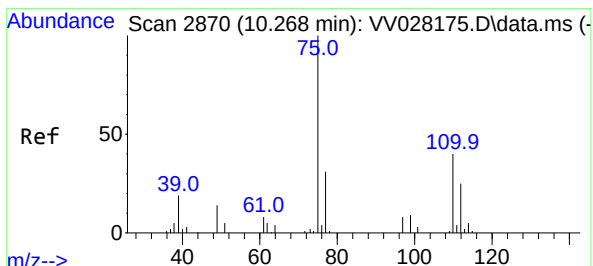
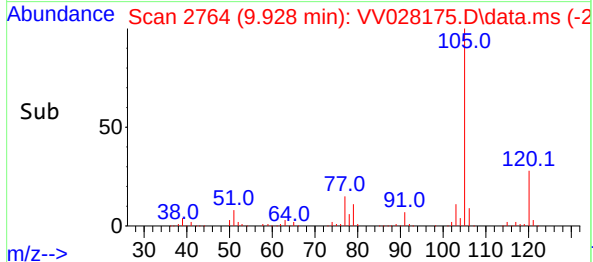
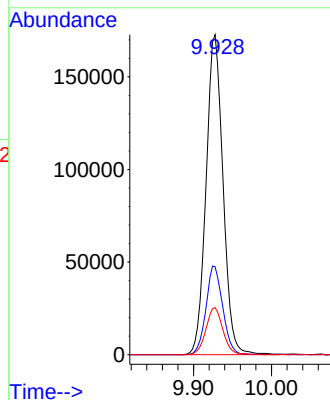
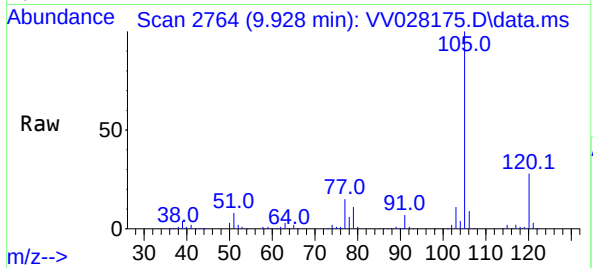




#60
Isopropylbenzene
Concen: 5.211 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

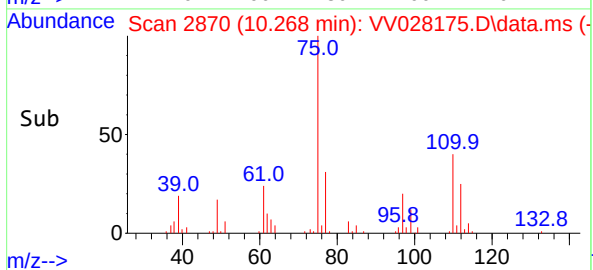
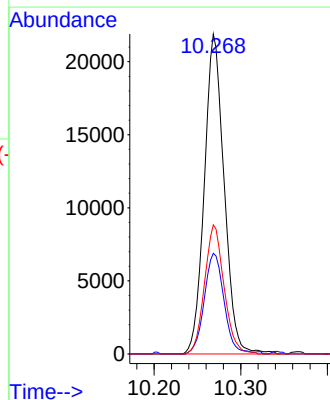
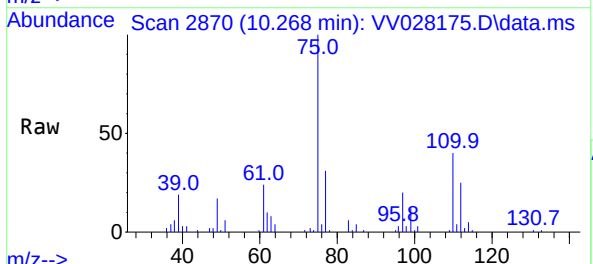
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

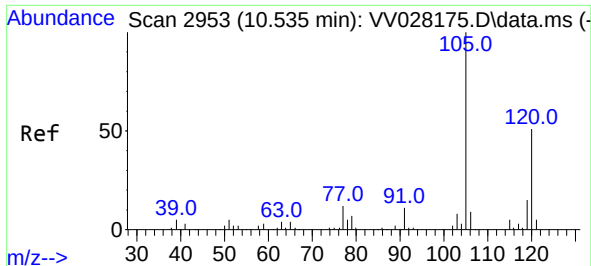
Tgt Ion:105 Resp: 261359
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 14.7 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.855 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion: 75 Resp: 34793
Ion Ratio Lower Upper
75 100
77 31.3 26.7 40.1
110 39.7 30.1 45.1

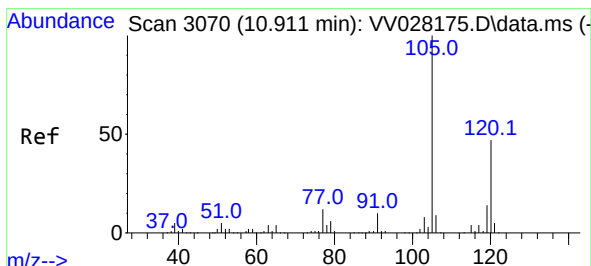
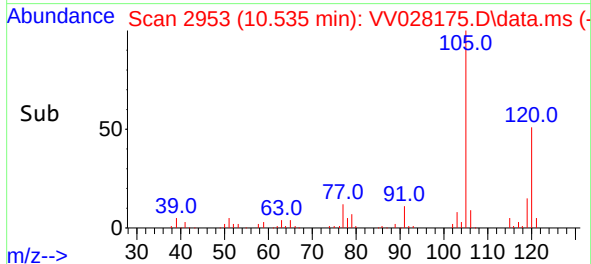
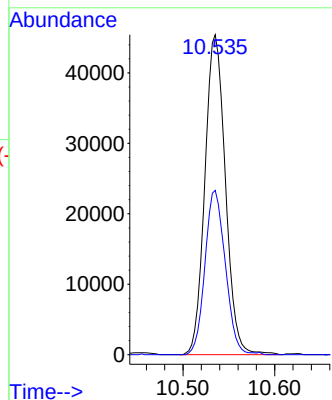
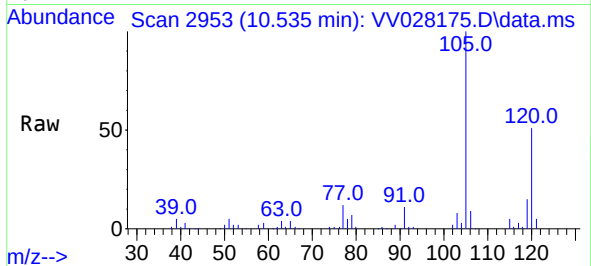




#62
1,3,5-Trimethylbenzene
Concen: 5.006 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

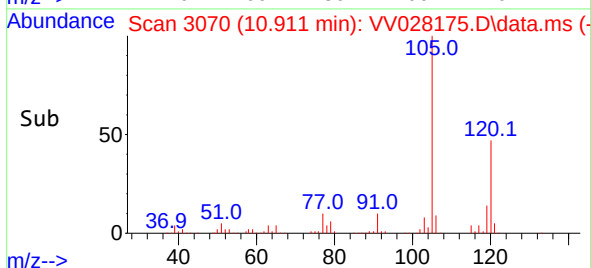
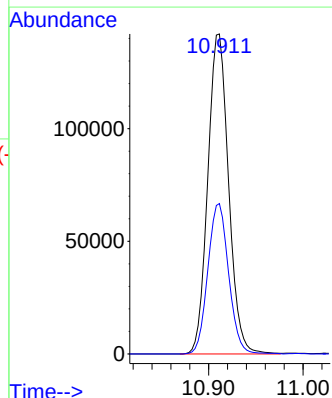
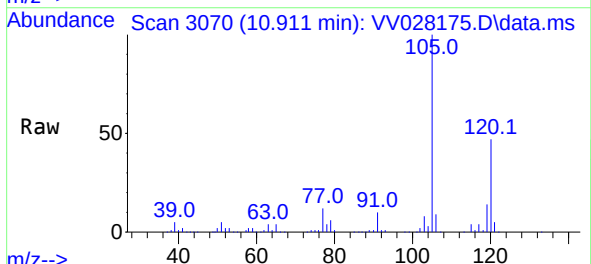
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

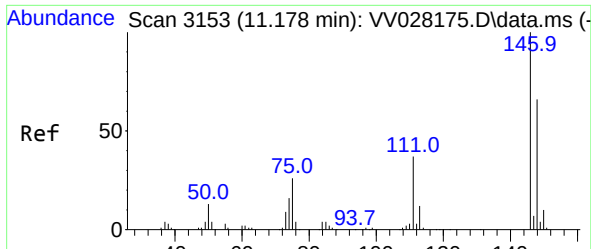
Tgt Ion:105 Resp: 70722
Ion Ratio Lower Upper
105 100
120 50.9 40.6 61.0



#63
1,2,4-Trimethylbenzene
Concen: 5.496 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:105 Resp: 217064
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8

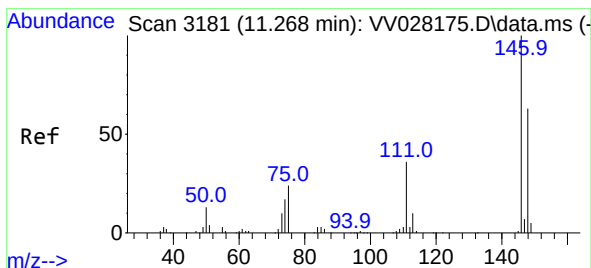
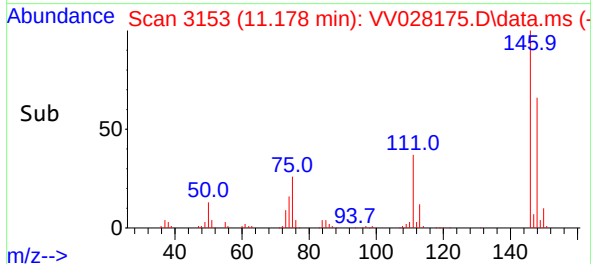
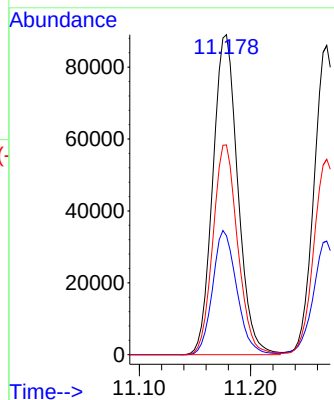
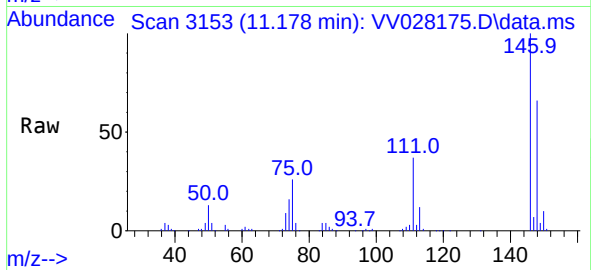




#64
1,3-Dichlorobenzene
Concen: 5.565 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

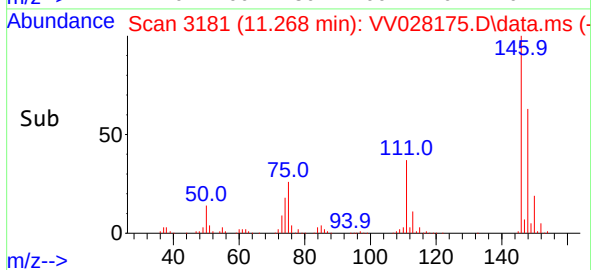
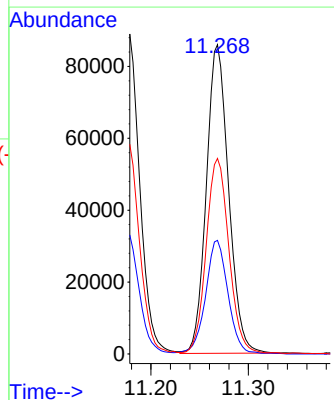
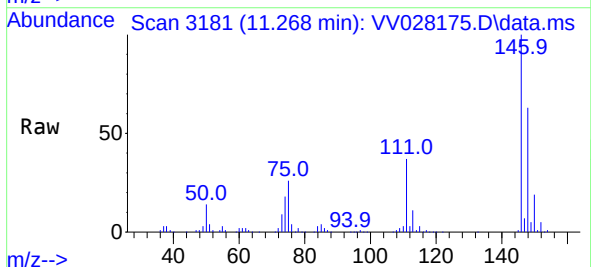
Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

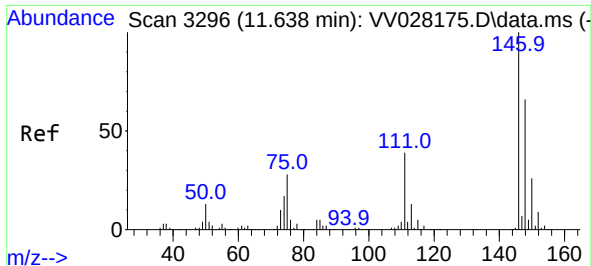
Tgt Ion:146 Resp: 138884
Ion Ratio Lower Upper
146 100
111 37.2 27.1 50.3
148 65.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:146 Resp: 136211
Ion Ratio Lower Upper
146 100
111 36.7 26.2 48.8
148 63.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.629 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. 0.000 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

Instrument :

MSVOA_V

ClientSampleId :

VSTD005309

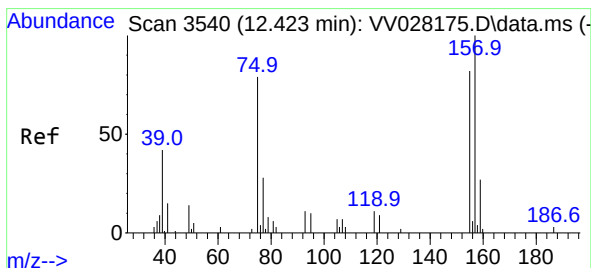
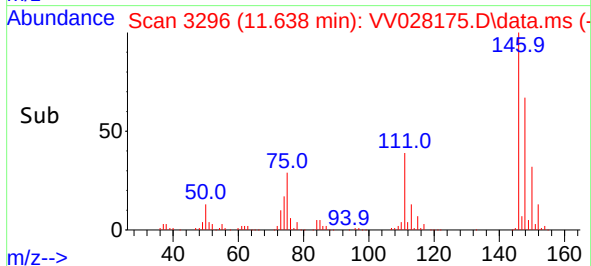
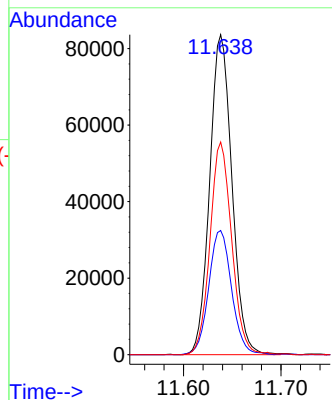
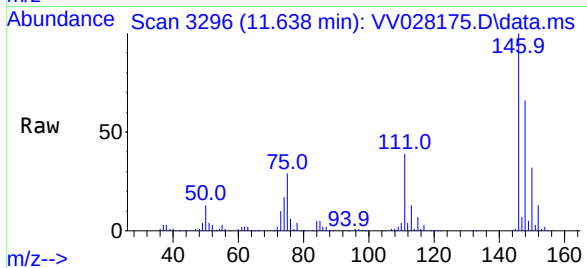
Tgt Ion:146 Resp: 132724

Ion Ratio Lower Upper

146 100

111 38.8 32.6 49.0

148 66.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.859 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. 0.000 min

Lab File: VV028175.D

Acq: 29 Sep 2022 10:24

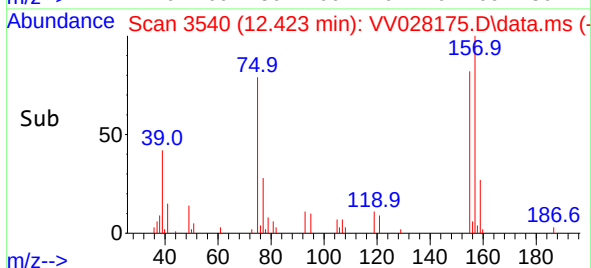
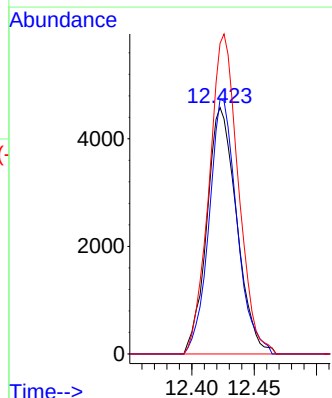
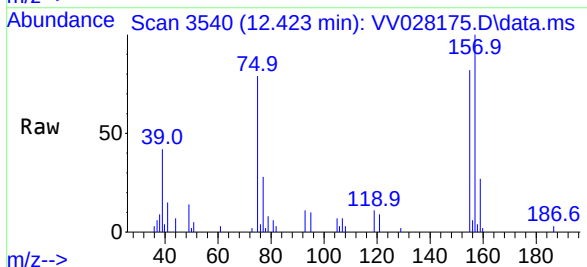
Tgt Ion: 75 Resp: 7634

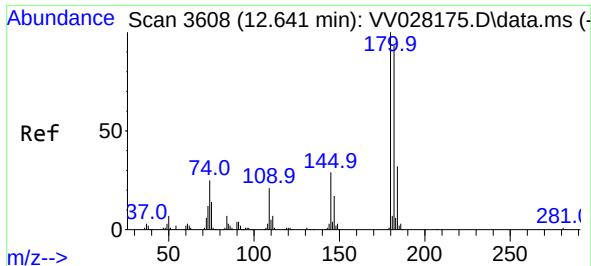
Ion Ratio Lower Upper

75 100

155 103.3 73.6 110.4

157 126.0 90.7 136.1



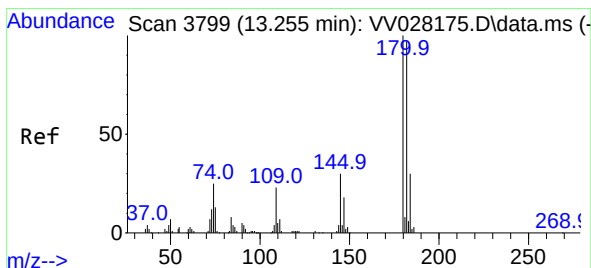
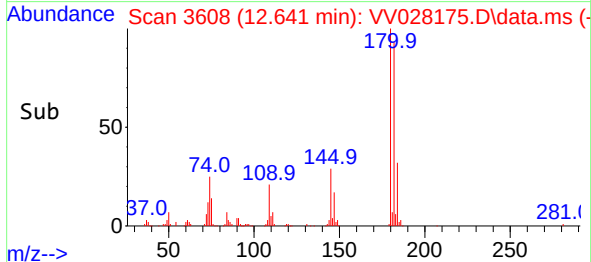
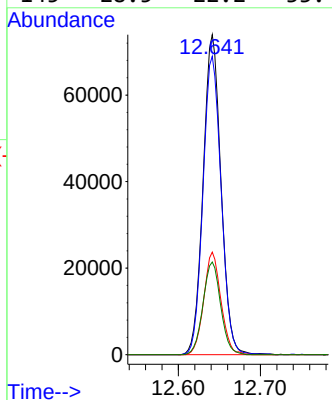
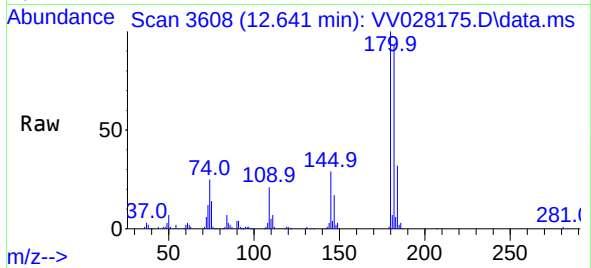


#69
1,3,5-Trichlorobenzene
Concen: 5.672 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Tgt Ion:180 Resp: 112056

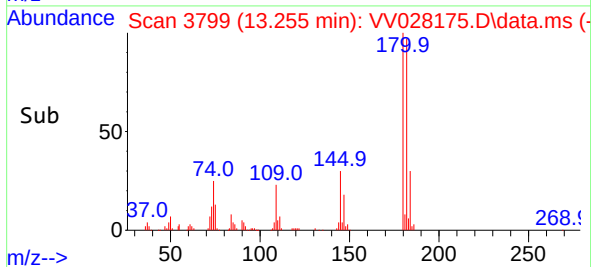
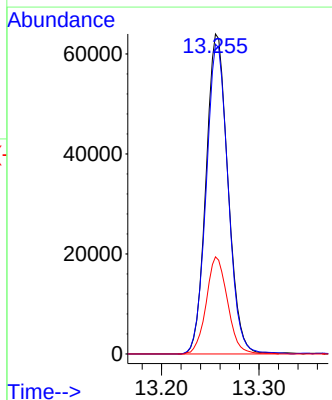
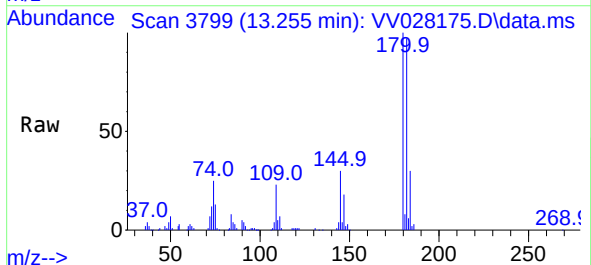
Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
184	30.8	23.7	35.5
145	28.5	22.2	33.4

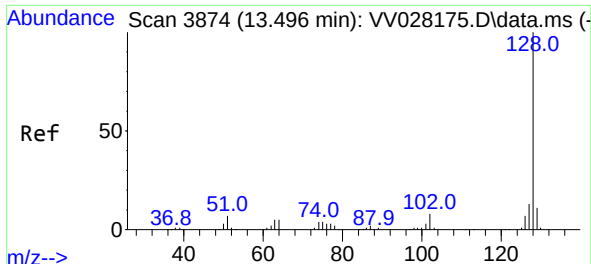


#70
1,2,4-trichlorobenzene
Concen: 6.328 ug/L
RT: 13.255 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:180 Resp: 99965

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.3	114.5
145	29.5	22.9	34.3



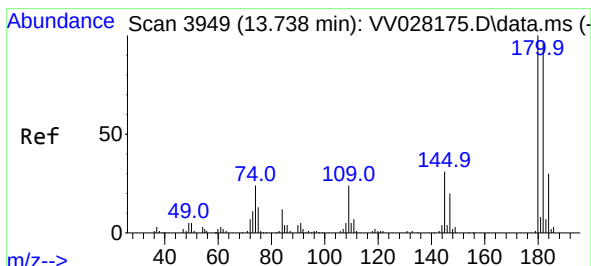
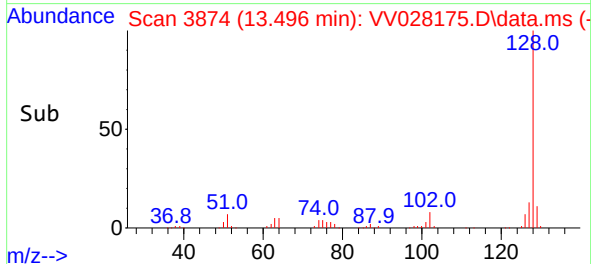
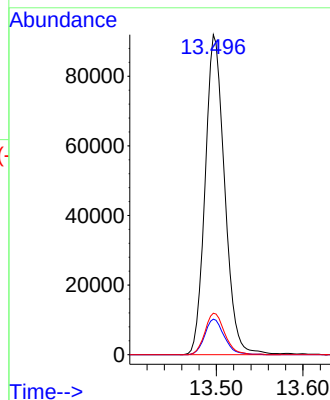
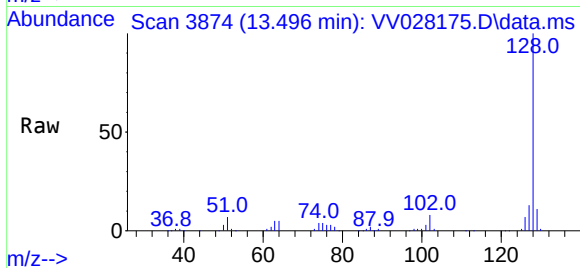


#71
Naphthalene
Concen: 5.550 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.000 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Tgt Ion:128 Resp: 143593

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.2	12.2
127	13.2	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 6.090 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028175.D
Acq: 29 Sep 2022 10:24

Tgt Ion:180 Resp: 87026

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.4	116.0
145	31.7	24.6	36.8

