

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028271.D
 Acq On : 03 Oct 2022 11:19
 Operator : SY/MD
 Sample : VSTD00554
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005254

Quant Time: Oct 04 01:53:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	174668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	187617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68009	3.756	ug/L	0.00
7) Chloroethane-d5	1.561	69	57711	4.008	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	131407	4.184	ug/L	0.00
20) 2-Butanone-d5	3.909	46	111586	36.500	ug/L	0.02
24) Chloroform-d	4.339	84	123047	4.258	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	54864	3.990	ug/L	0.00
32) Benzene-d6	5.040	84	244781	3.979	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	68442	3.569	ug/L	0.00
41) Toluene-d8	7.310	98	241675	4.340	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	27347	3.948	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	118566	41.007	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57767	4.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	86143	4.271	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	78597	6.025	ug/L	94
3) Chloromethane	1.237	50	72830	4.216	ug/L	97
5) Vinyl chloride	1.304	62	82830	6.115	ug/L	99
6) Bromomethane	1.516	94	37499	4.251	ug/L	99
8) Chloroethane	1.577	64	55023	6.058	ug/L	88
9) Trichlorofluoromethane	1.745	101	127599	5.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72625	5.860	ug/L	97
12) 1,1-Dichloroethene	2.111	96	69938	5.794	ug/L #	71
13) Acetone	2.204	43	27300	11.593	ug/L #	29
14) Carbon disulfide	2.285	76	211735	9.141	ug/L	100
15) Methyl Acetate	2.439	43	20267	4.434	ug/L	91
16) Methylene chloride	2.500	84	73545	5.458	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	138202	5.322	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	72327	6.845	ug/L	92
19) 1,1-Dichloroethane	3.179	63	122471	5.313	ug/L	98
21) 2-Butanone	3.992	43	113379	38.891	ug/L	84
22) cis-1,2-Dichloroethene	3.902	96	70563	5.089	ug/L	94
23) Bromochloromethane	4.240	128	32818	5.911	ug/L #	84
25) Chloroform	4.365	83	133888	5.413	ug/L	99
27) 1,2-Dichloroethane	5.124	62	69980	5.306	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	118831	5.155	ug/L	98
30) Cyclohexane	4.667	56	101092	6.063	ug/L	91
31) Carbon tetrachloride	4.818	117	105864	5.581	ug/L	99
33) Benzene	5.092	78	287481	5.518	ug/L	100
34) Trichloroethene	5.905	95	70425	5.430	ug/L	97
35) Methylcyclohexane	6.124	83	116049	6.525	ug/L	94
37) 1,2-Dichloropropane	6.166	63	67779	4.641	ug/L	99
38) Bromodichloromethane	6.503	83	92009	5.103	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	94650	5.217	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	316218	44.584	ug/L #	94
42) Toluene	7.381	91	317976	5.851	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	81580	5.228	ug/L	96

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

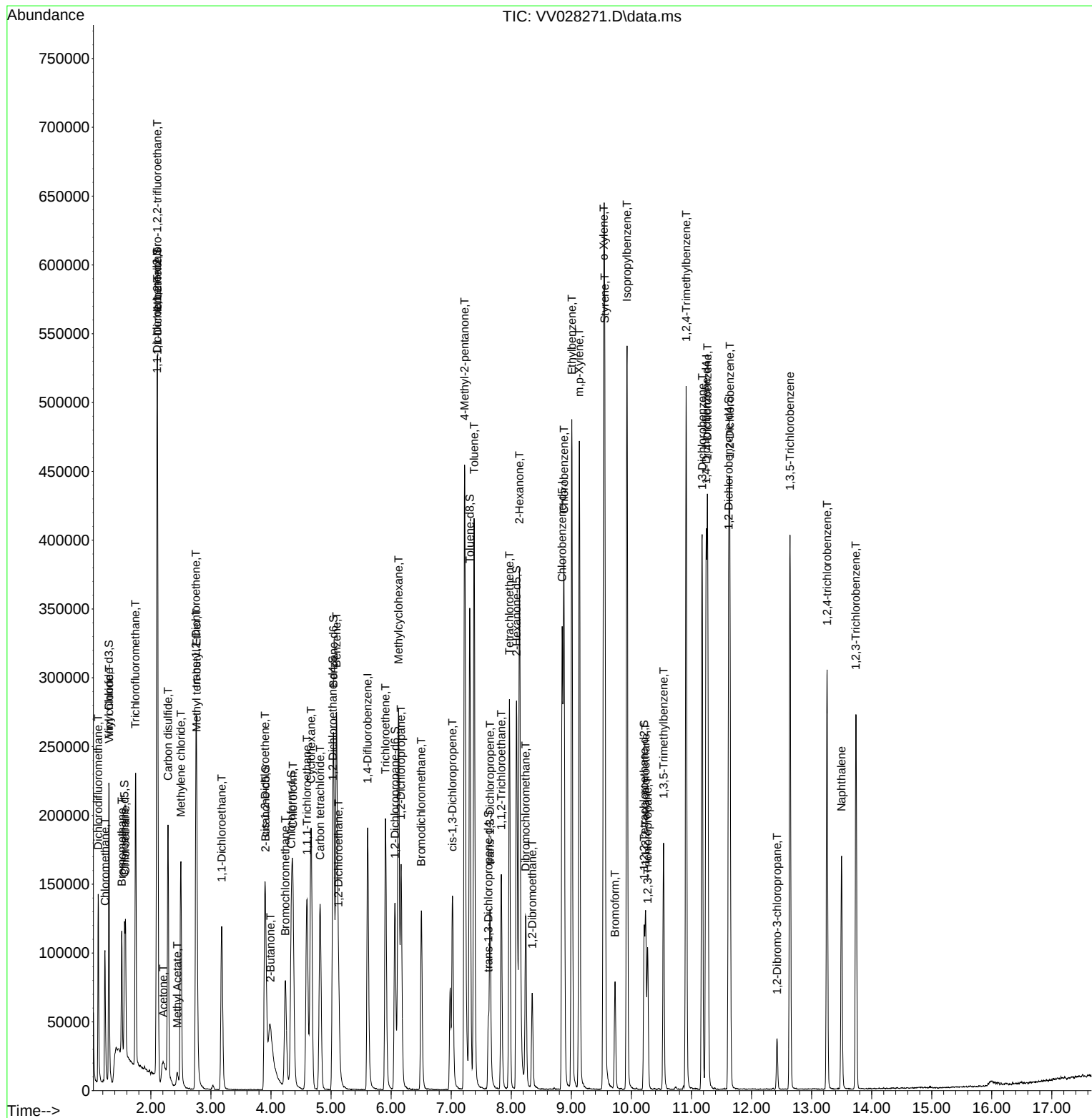
45) 1,1,2-Trichloroethane	7.834	97	49931	5.100	ug/L	98
47) Tetrachloroethene	7.969	164	65692	6.346	ug/L	98
48) 2-Hexanone	8.137	43	244383	45.388	ug/L #	93
49) Dibromochloromethane	8.239	129	67185	5.707	ug/L	100
50) 1,2-Dibromoethane	8.349	107	48104	5.654	ug/L	99
51) Chlorobenzene	8.876	112	211743	5.809	ug/L	99
52) Ethylbenzene	9.008	91	342847	5.963	ug/L	99
53) m,p-Xylene	9.133	106	140138	6.360	ug/L	95
54) o-Xylene	9.538	106	131692	6.053	ug/L	100
55) Styrene	9.558	104	232936	6.178	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	60377	5.293	ug/L	98
59) Bromoform	9.728	173	36972	5.663	ug/L	98
60) Isopropylbenzene	9.928	105	345978	5.732	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	43206	5.009	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	94601	5.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	272507	5.734	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	168855	5.622	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	168712	5.614	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	150622	5.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9241	4.888	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	130336	5.482	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	97226	5.114	ug/L	98
71) Naphthalene	13.500	128	138231	4.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	87334	5.078	ug/L	98

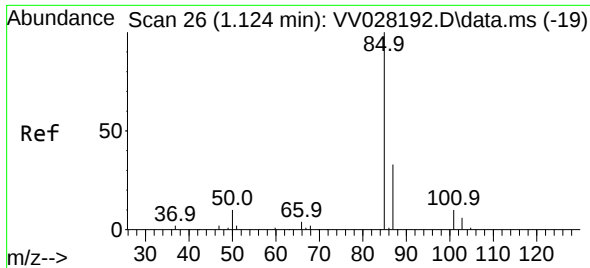
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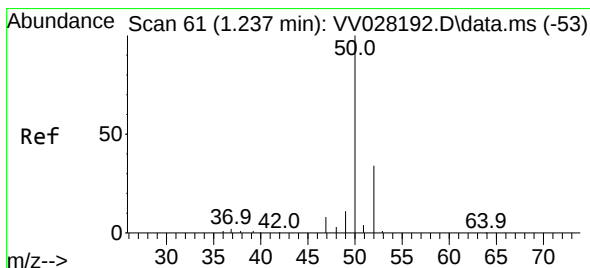
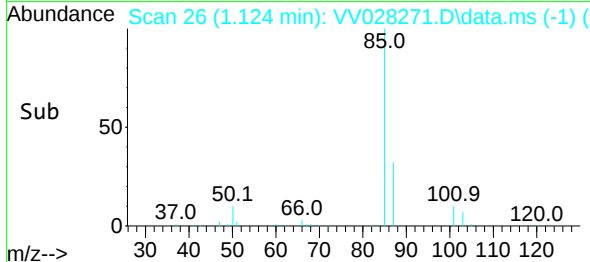
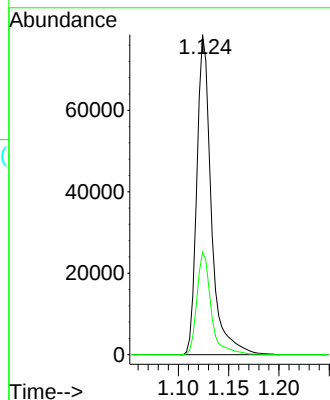
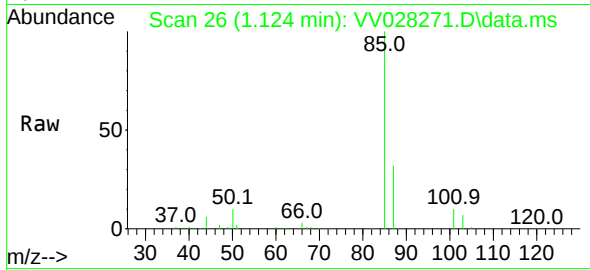




#2
Dichlorodifluoromethane
Concen: 6.025 ug/L
RT: 1.124 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

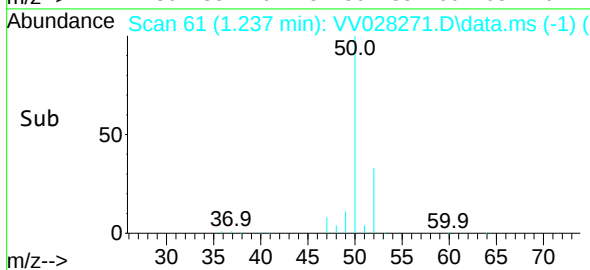
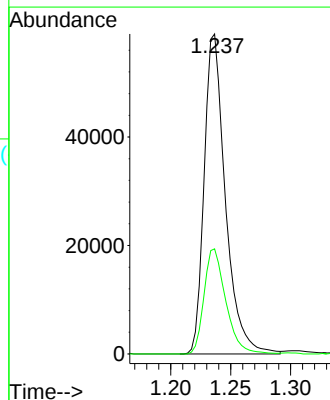
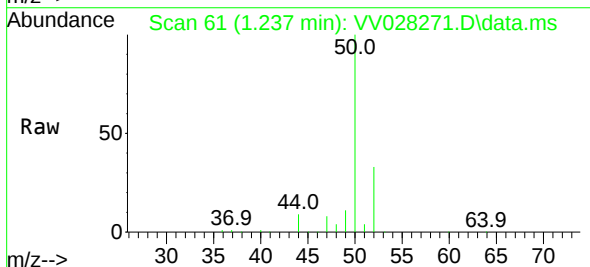
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

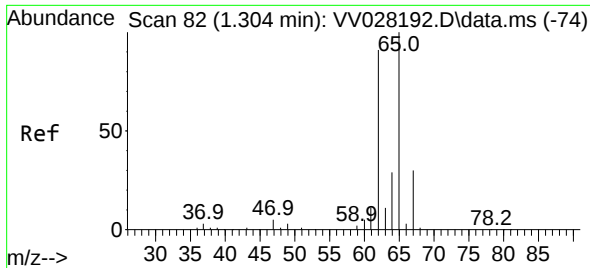
Tgt Ion: 85 Resp: 78597
Ion Ratio Lower Upper
85 100
87 31.5 22.8 34.2



#3
Chloromethane
Concen: 4.216 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 50 Resp: 72830
Ion Ratio Lower Upper
50 100
52 32.9 24.4 45.2

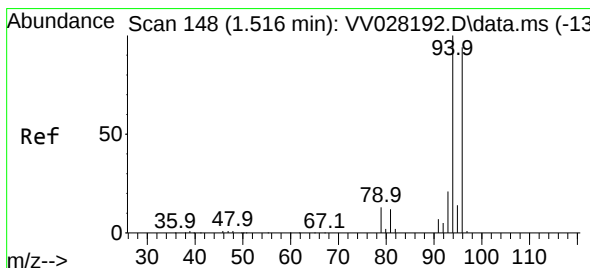
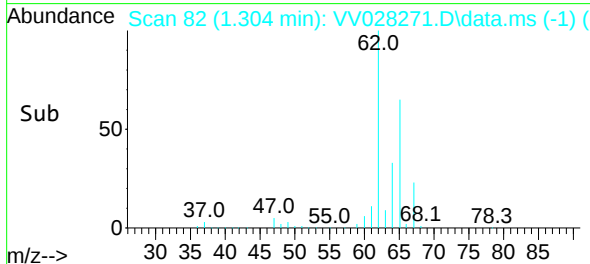
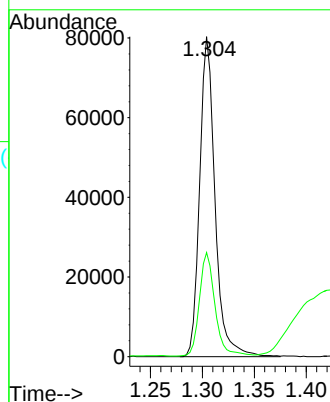
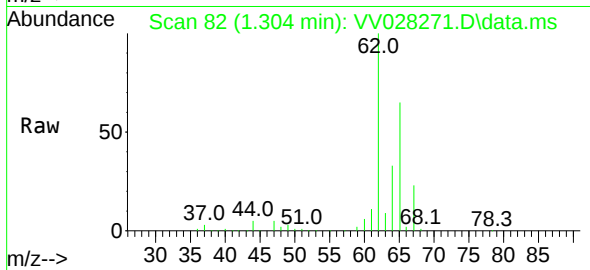




#5
 Vinyl chloride
 Concen: 6.115 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

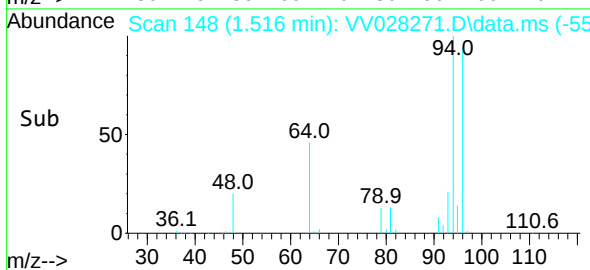
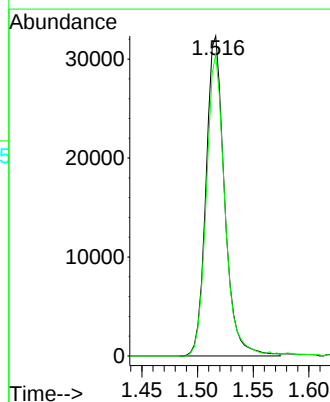
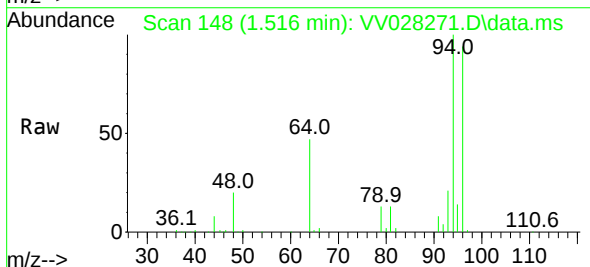
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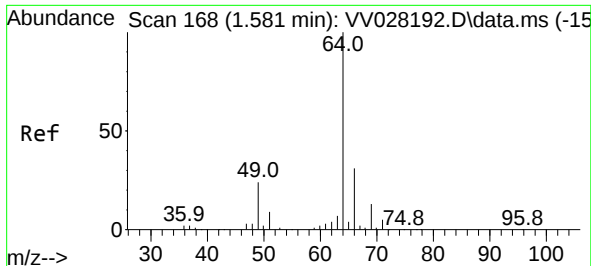
Tgt Ion: 62 Resp: 82830
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8



#6
 Bromomethane
 Concen: 4.251 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

Tgt Ion: 94 Resp: 37499
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.7 123.9

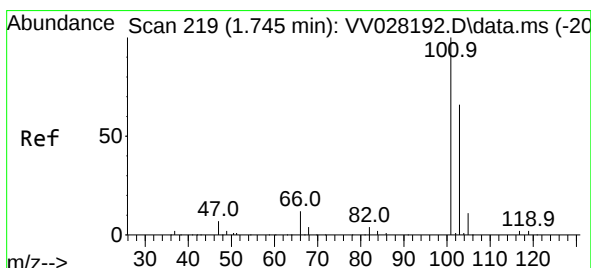
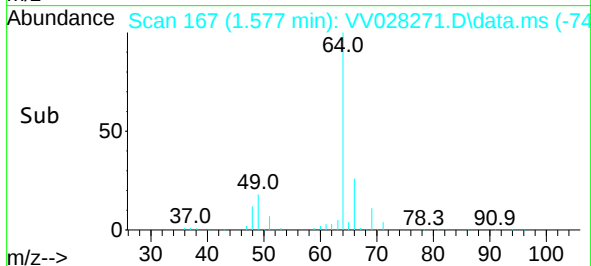
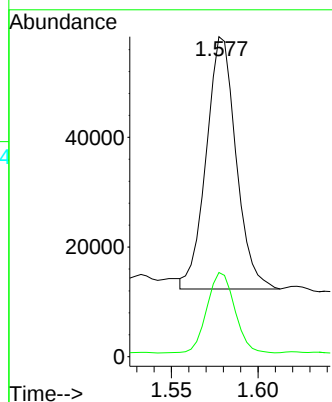
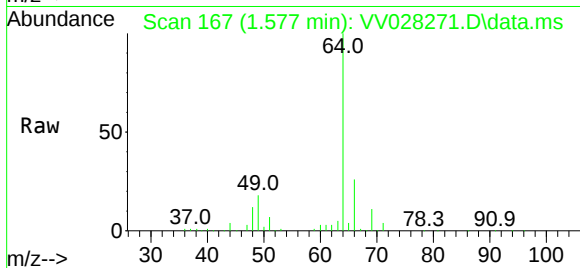




#8
Chloroethane
Concen: 6.058 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

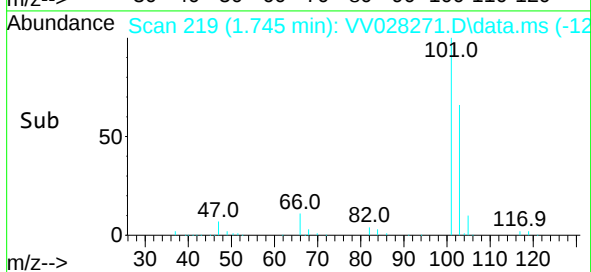
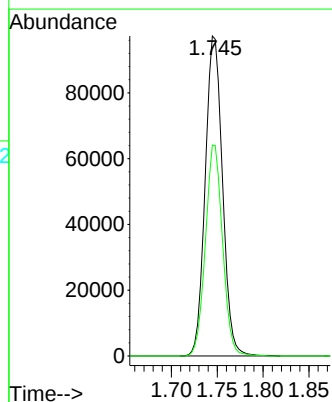
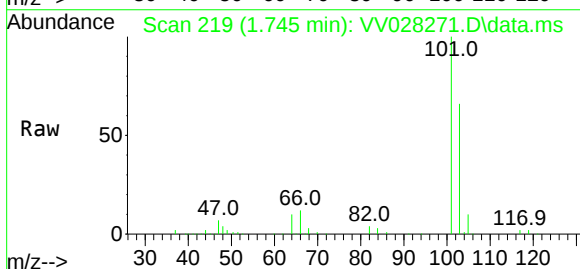
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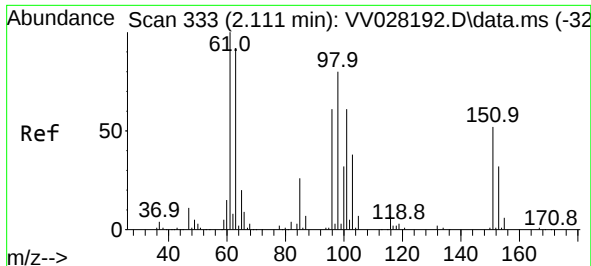
Tgt Ion: 64 Resp: 55023
Ion Ratio Lower Upper
64 100
66 26.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.933 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion:101 Resp: 127599
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0





#10

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

Concen: 5.860 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

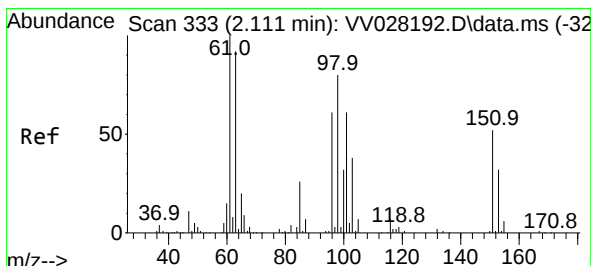
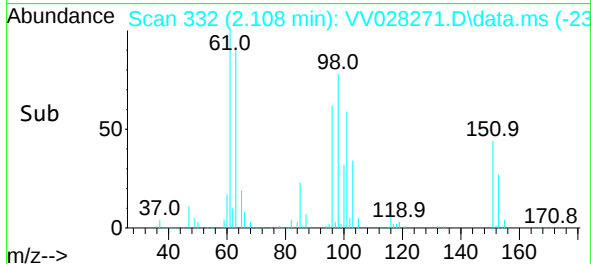
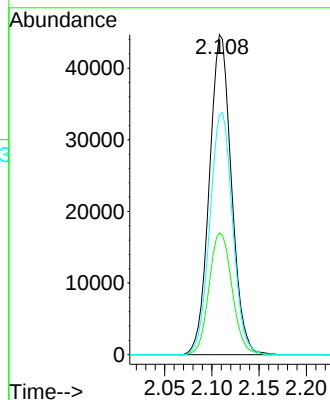
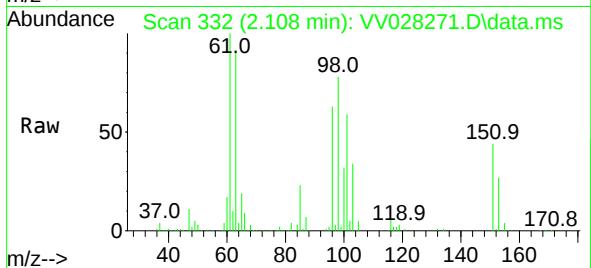
Tgt Ion:101 Resp: 72625

Ion Ratio Lower Upper

101 100

85 39.6 34.4 51.6

151 77.9 61.1 91.7



#12

1,1-Dichloroethene

Concen: 5.794 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

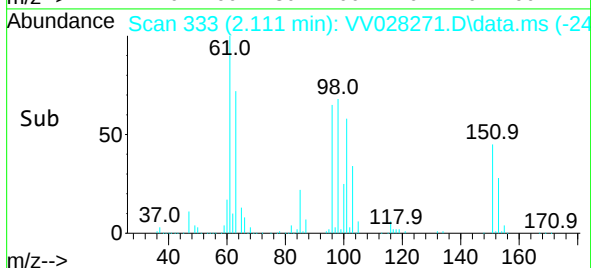
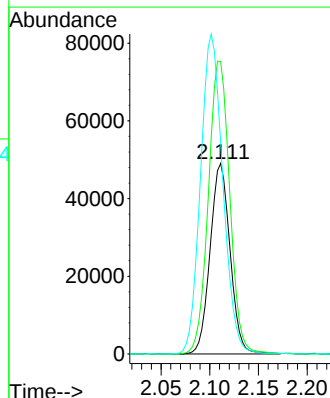
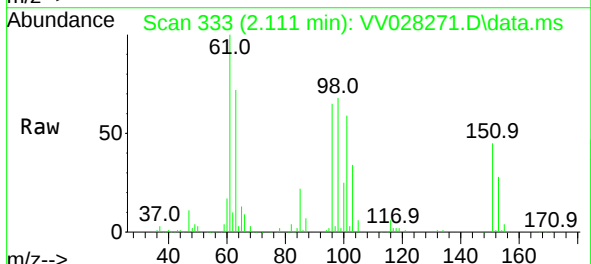
Tgt Ion: 96 Resp: 69938

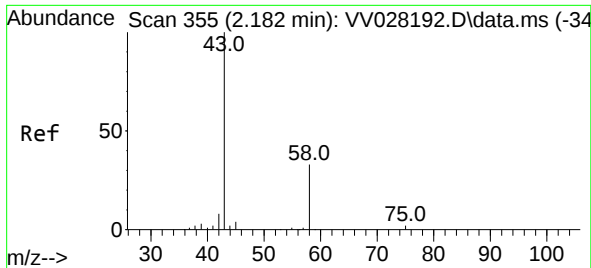
Ion Ratio Lower Upper

96 100

61 153.4 128.3 238.3

63 110.8 112.7 209.3#





#13

Acetone

Concen: 11.593 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.029 min

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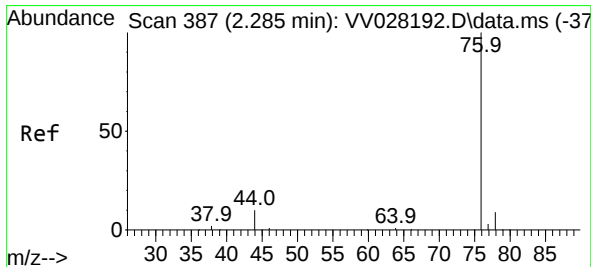
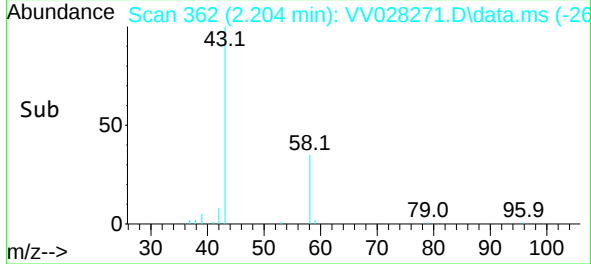
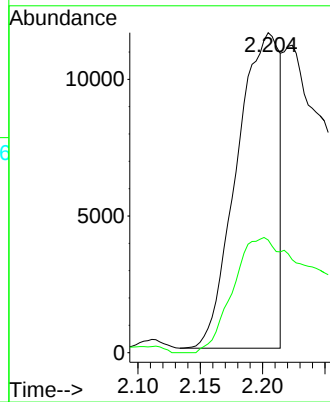
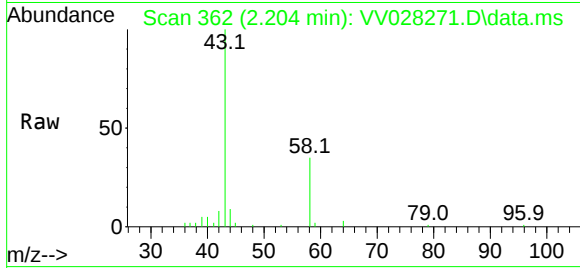
VSTD005254

Tgt Ion: 43 Resp: 27300

Ion Ratio Lower Upper

43 100

58 72.7 0.0 65.6#



#14

Carbon disulfide

Concen: 9.141 ug/L

RT: 2.285 min Scan# 387

Delta R.T. 0.000 min

Lab File: VV028271.D

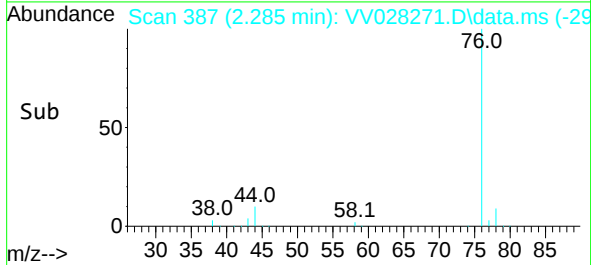
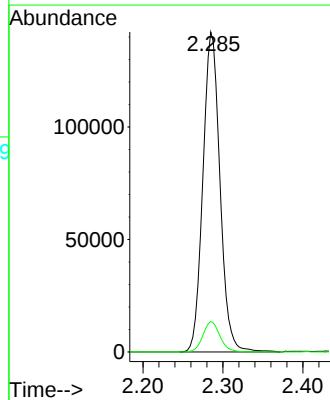
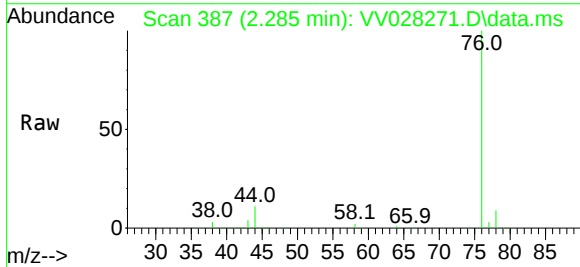
Acq: 03 Oct 2022 11:19

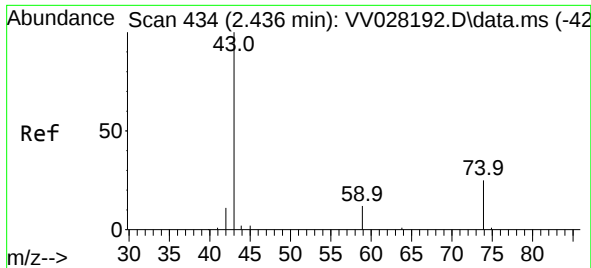
Tgt Ion: 76 Resp: 211735

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

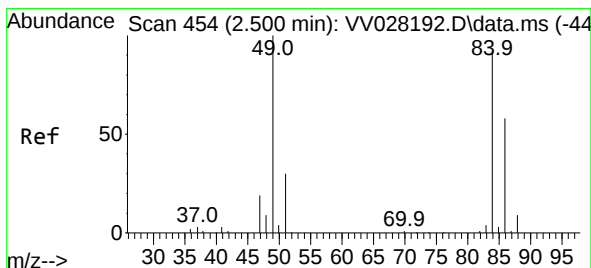
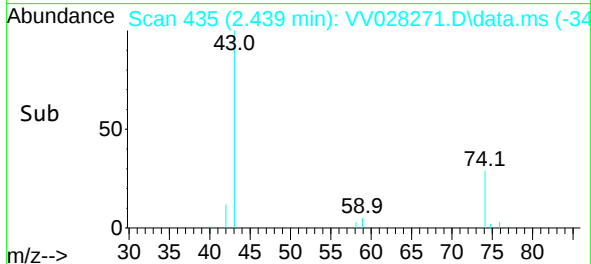
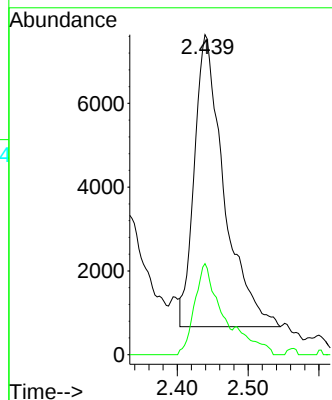
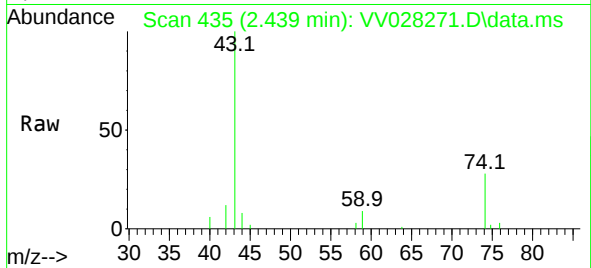




#15
Methyl Acetate
Concen: 4.434 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

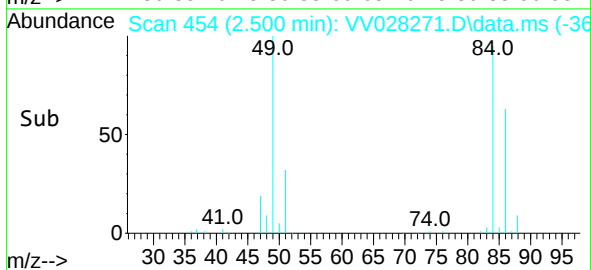
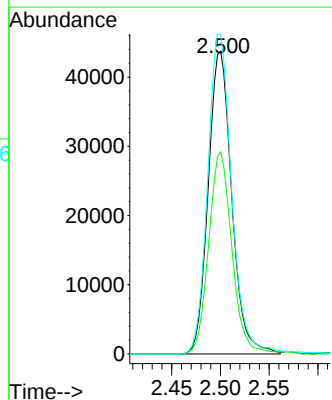
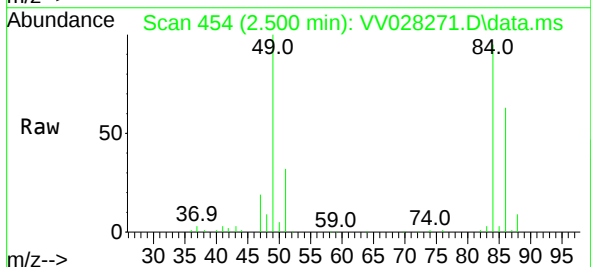
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

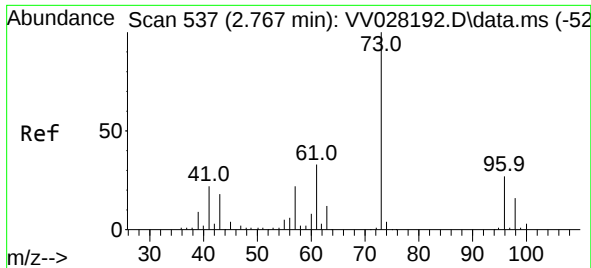
Tgt Ion: 43 Resp: 20267
Ion Ratio Lower Upper
43 100
74 25.1 16.9 25.3



#16
Methylene chloride
Concen: 5.458 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 84 Resp: 73545
Ion Ratio Lower Upper
84 100
86 66.8 46.8 86.8
49 105.5 87.5 162.5

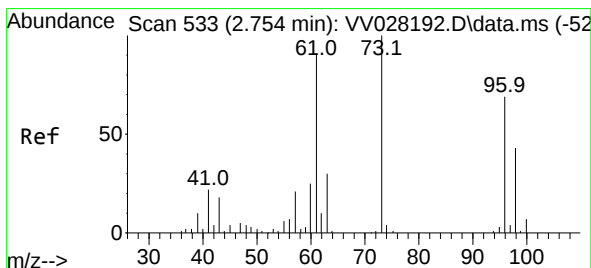
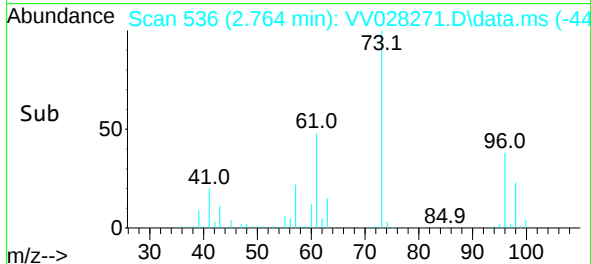
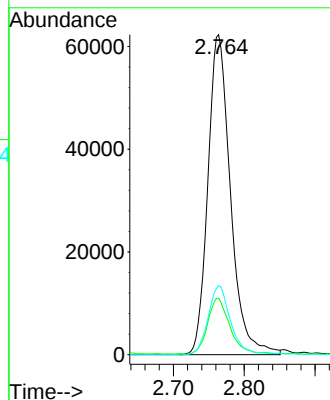
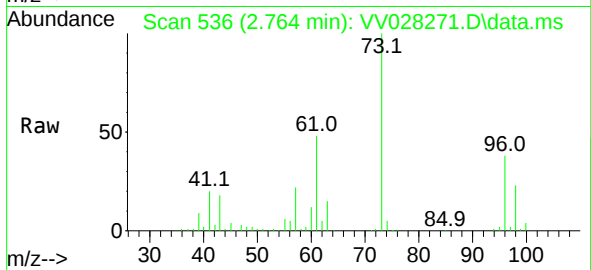




#17
Methyl tert-butyl Ether
Concen: 5.322 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

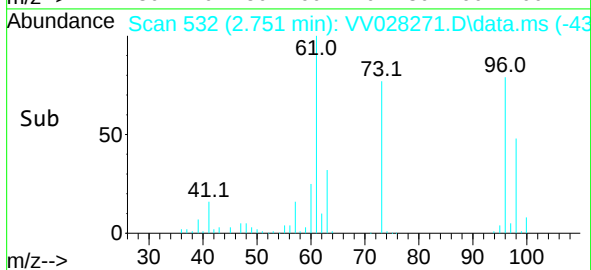
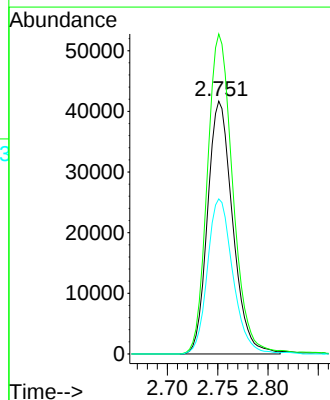
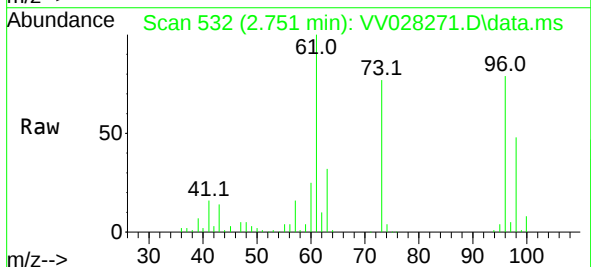
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

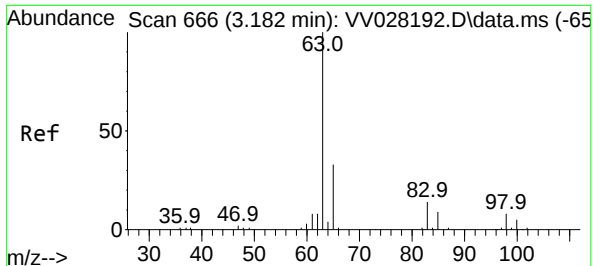
Tgt Ion: 73 Resp: 138202
Ion Ratio Lower Upper
73 100
43 17.0 15.7 23.5
57 21.1 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 6.845 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 96 Resp: 72327
Ion Ratio Lower Upper
96 100
61 126.6 96.2 178.6
98 61.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.313 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

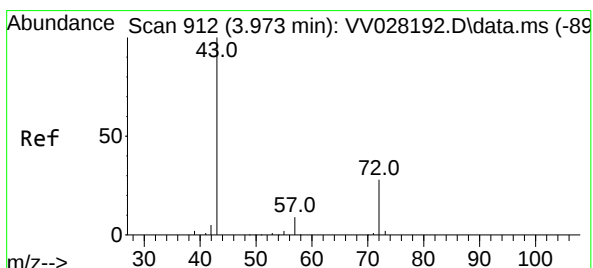
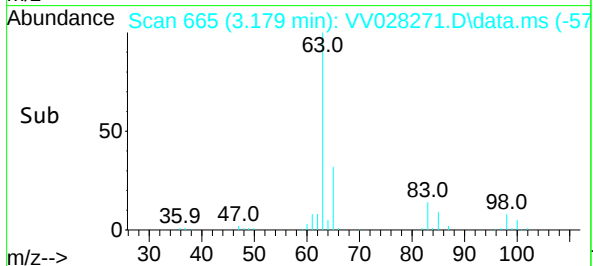
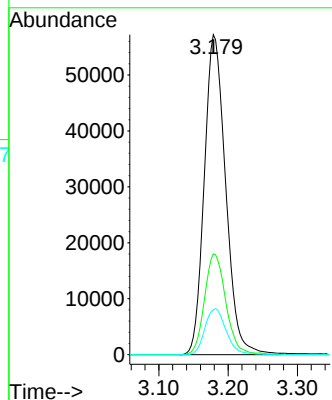
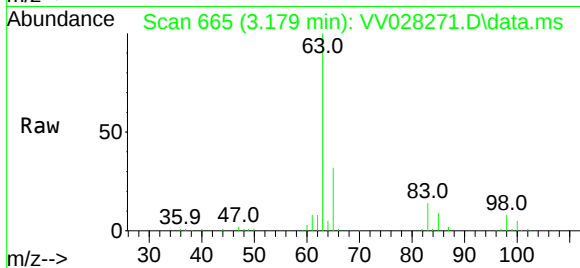
Tgt Ion: 63 Resp: 122471

Ion Ratio Lower Upper

63 100

65 31.5 23.0 42.8

83 14.1 9.2 17.2



#21

2-Butanone

Concen: 38.891 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.023 min

Lab File: VV028271.D

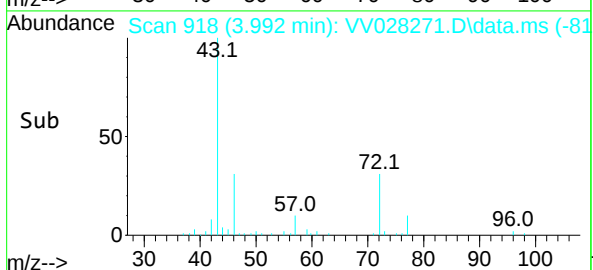
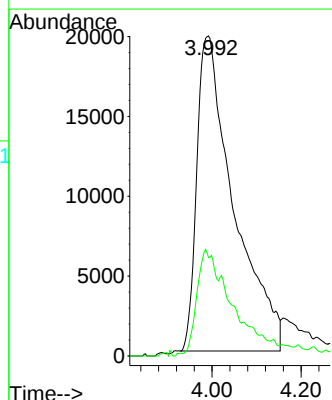
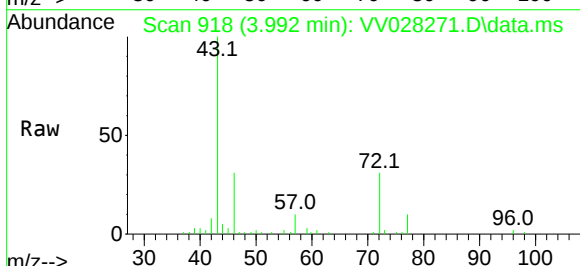
Acq: 03 Oct 2022 11:19

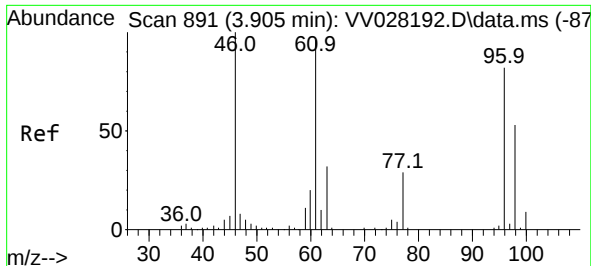
Tgt Ion: 43 Resp: 113379

Ion Ratio Lower Upper

43 100

72 17.5 12.7 38.1

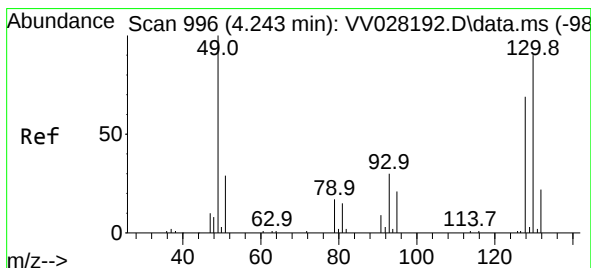
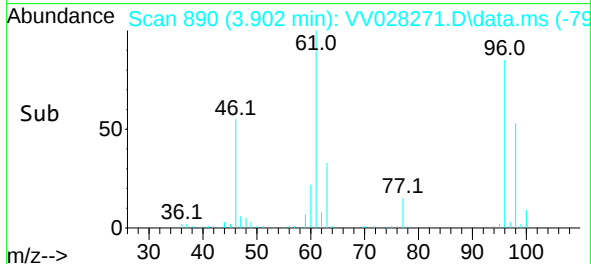
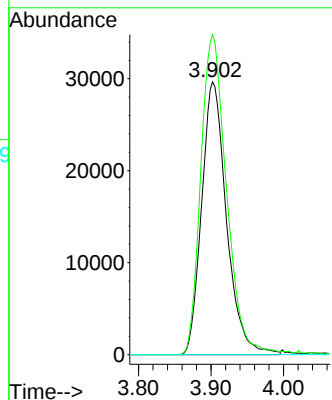
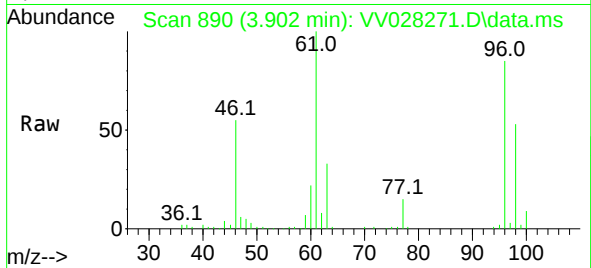




#22
 cis-1,2-Dichloroethene
 Concen: 5.089 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

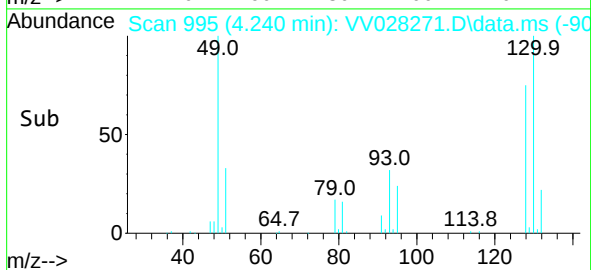
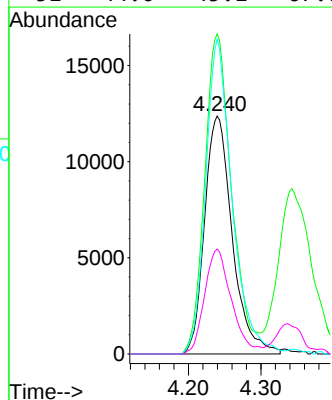
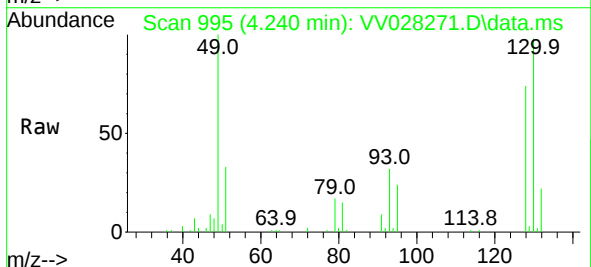
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005254

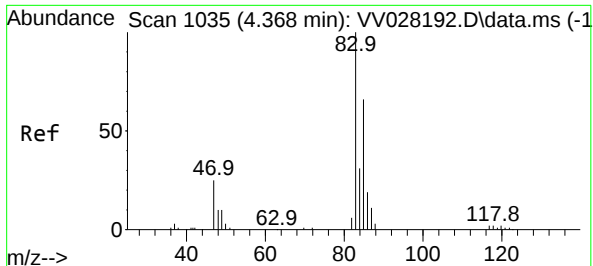
Tgt Ion: 96 Resp: 70563
 Ion Ratio Lower Upper
 96 100
 61 117.3 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.911 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

Tgt Ion: 128 Resp: 32818
 Ion Ratio Lower Upper
 128 100
 49 134.5 119.9 222.7
 130 132.3 94.6 175.8
 51 44.0 45.1 67.7#





#25

Chloroform

Concen: 5.413 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

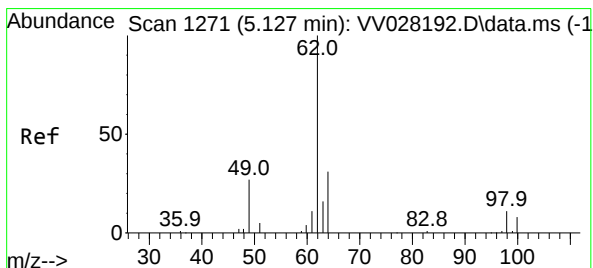
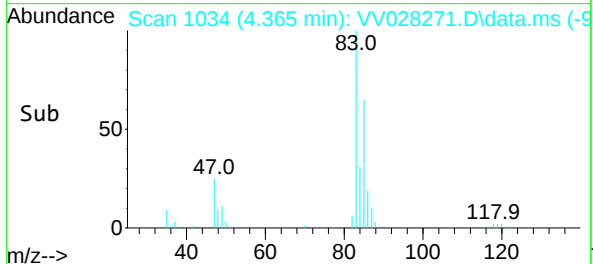
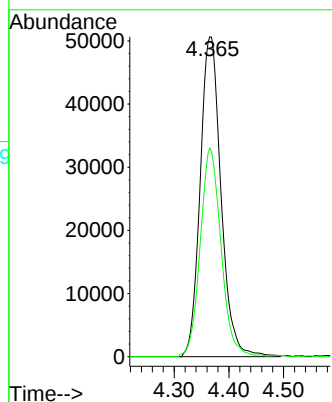
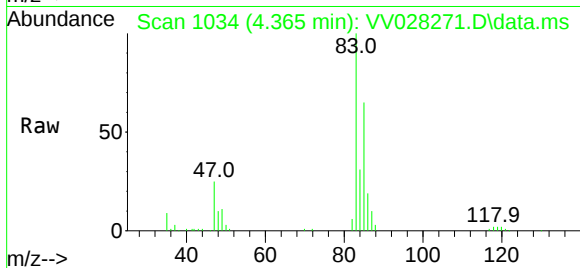
VSTD005254

Tgt Ion: 83 Resp: 133888

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 5.306 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV028271.D

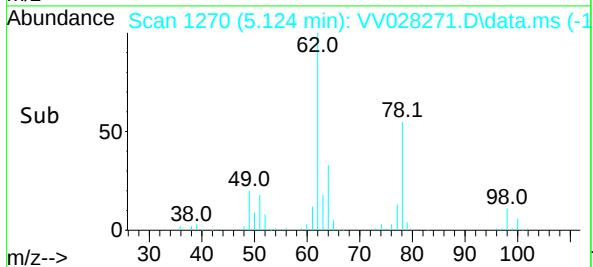
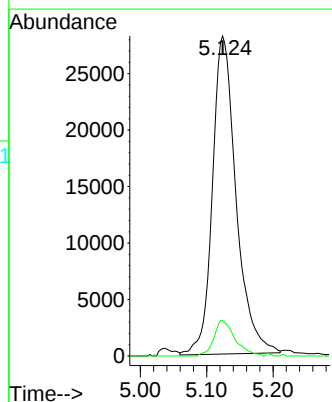
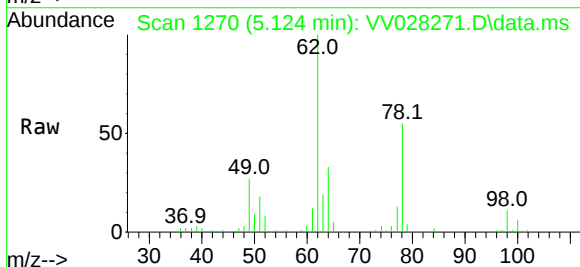
Acq: 03 Oct 2022 11:19

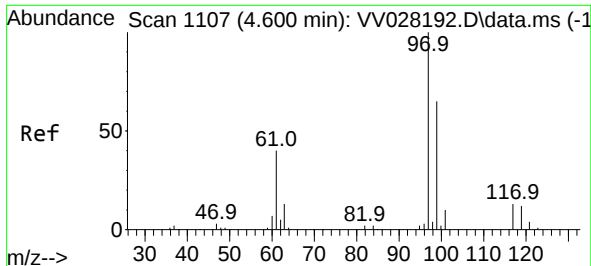
Tgt Ion: 62 Resp: 69980

Ion Ratio Lower Upper

62 100

98 11.1 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 5.155 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

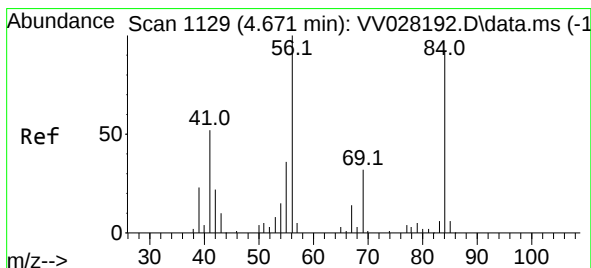
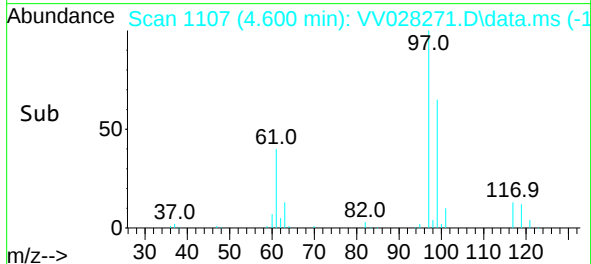
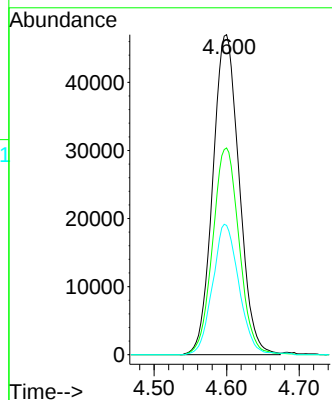
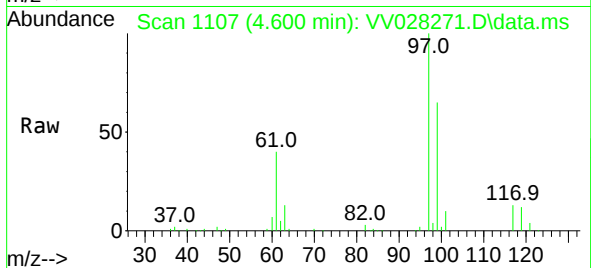
Tgt Ion: 97 Resp: 118831

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 40.6 34.8 52.2



#30

Cyclohexane

Concen: 6.063 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

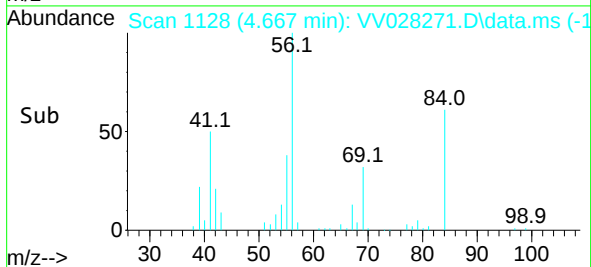
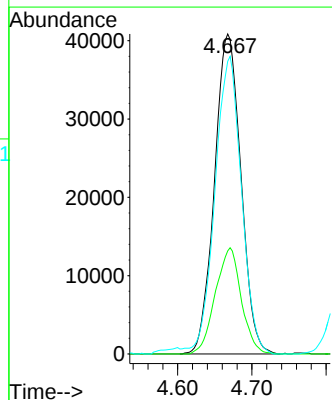
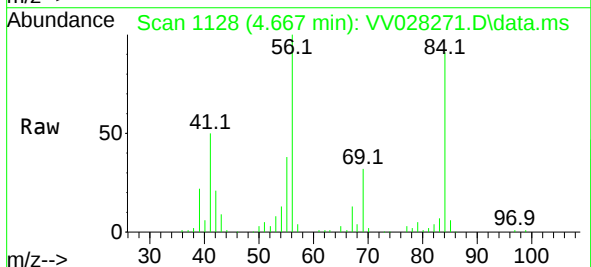
Tgt Ion: 56 Resp: 101092

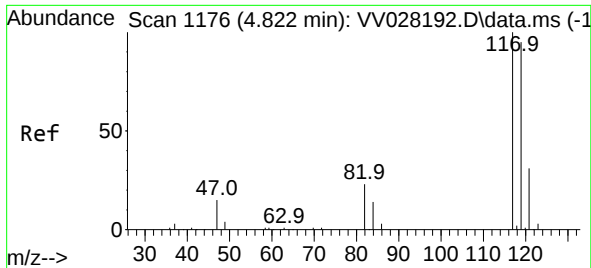
Ion Ratio Lower Upper

56 100

69 32.6 23.7 35.5

84 93.5 67.3 100.9

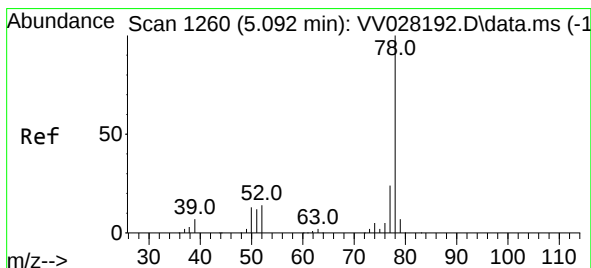
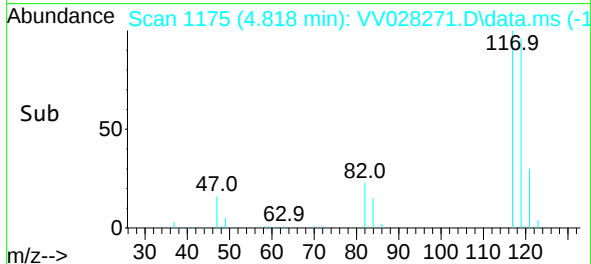
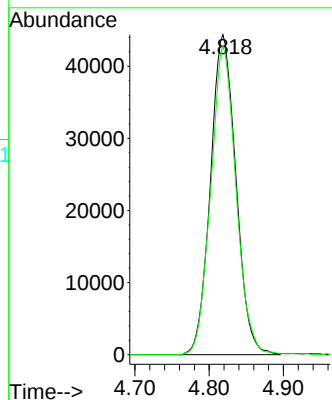
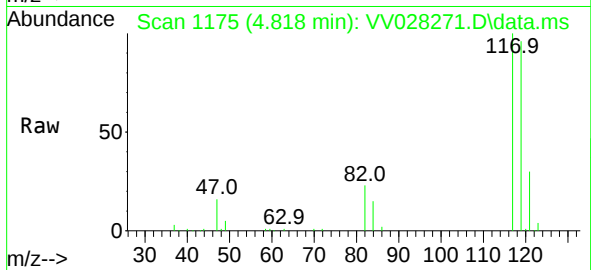




#31
Carbon tetrachloride
Concen: 5.581 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

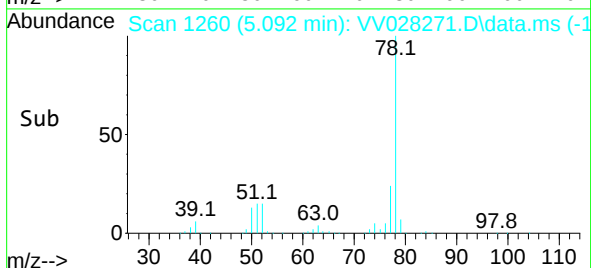
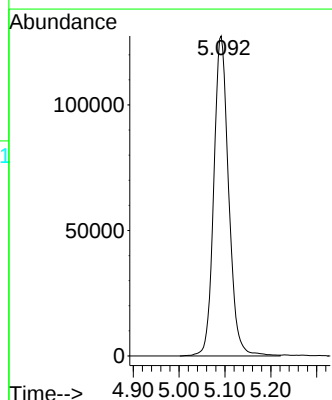
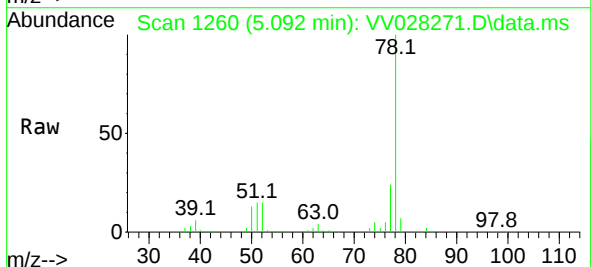
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

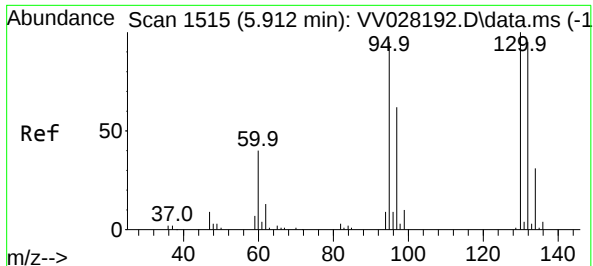
Tgt Ion:117 Resp: 105864
Ion Ratio Lower Upper
117 100
119 95.6 76.9 115.3



#33
Benzene
Concen: 5.518 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 78 Resp: 287481

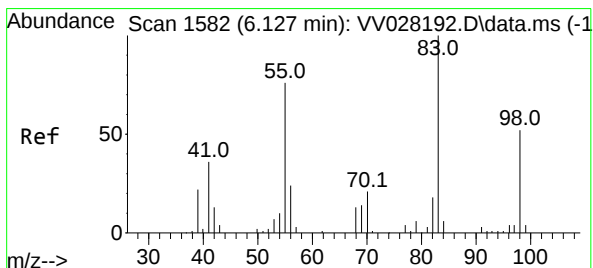
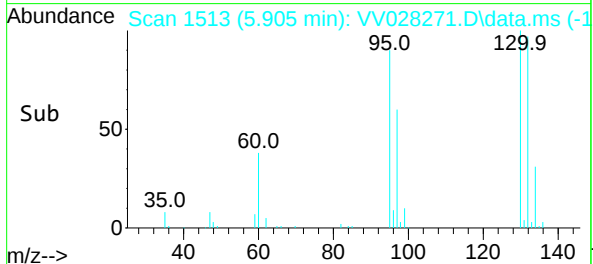
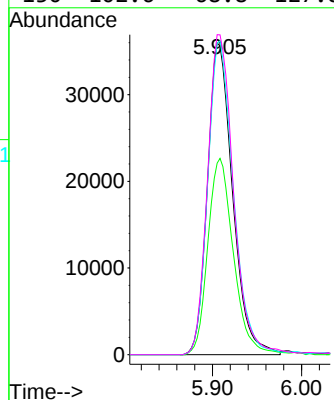
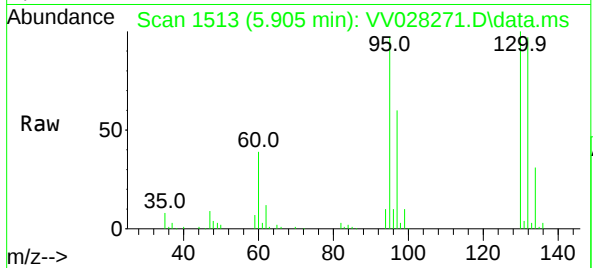




#34
Trichloroethene
Concen: 5.430 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

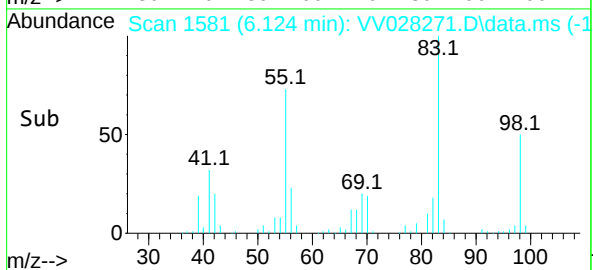
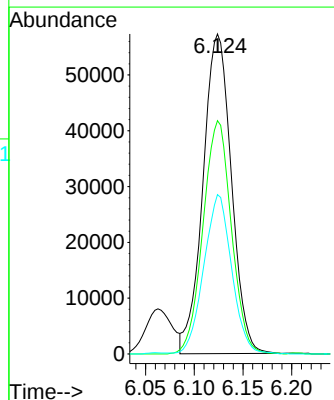
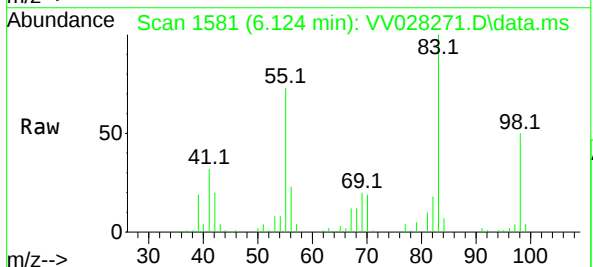
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

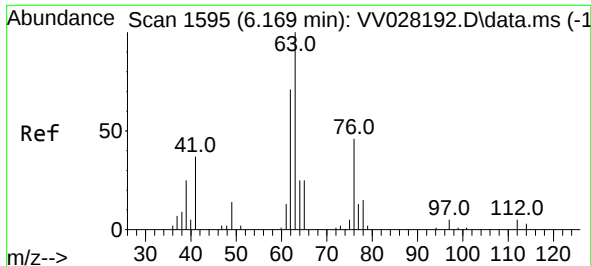
Tgt Ion: 95 Resp: 70425
Ion Ratio Lower Upper
95 100
97 61.4 44.2 82.0
132 99.9 67.8 126.0
130 102.6 68.8 127.8



#35
Methylcyclohexane
Concen: 6.525 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 83 Resp: 116049
Ion Ratio Lower Upper
83 100
55 73.0 64.7 97.1
98 48.9 39.5 59.3





#37

1,2-Dichloropropane

Concen: 4.641 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

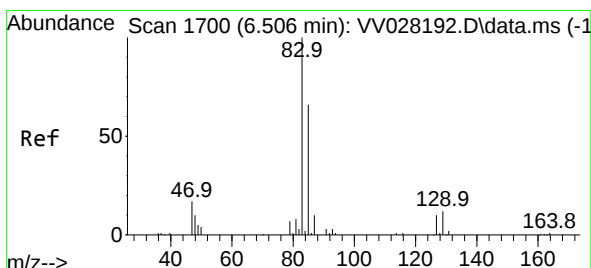
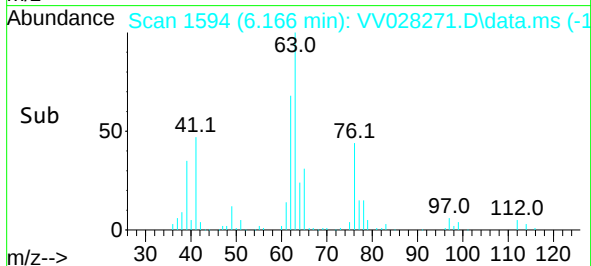
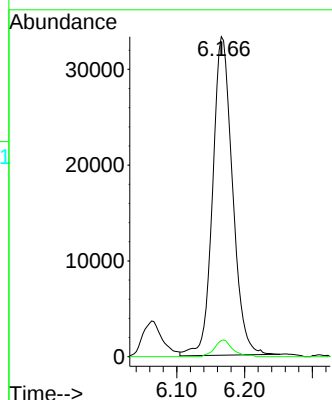
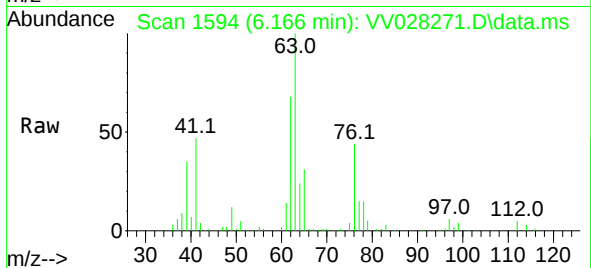
VSTD005254

Tgt Ion: 63 Resp: 67779

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 5.103 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

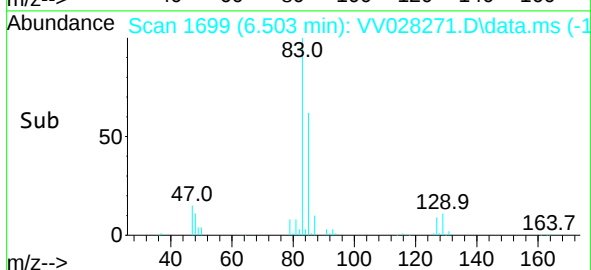
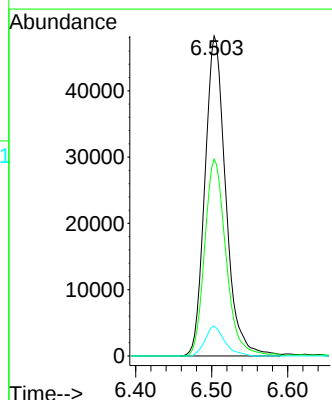
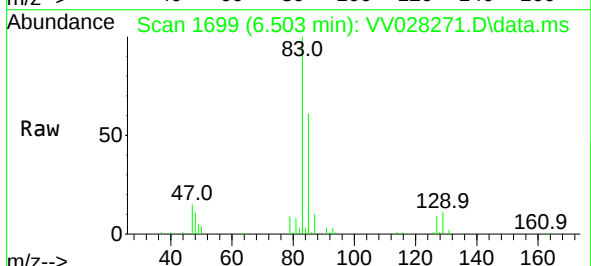
Tgt Ion: 83 Resp: 92009

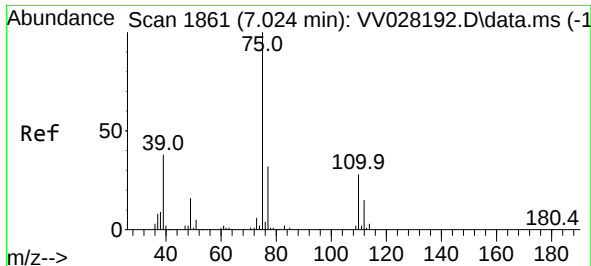
Ion Ratio Lower Upper

83 100

85 61.5 43.8 81.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.217 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

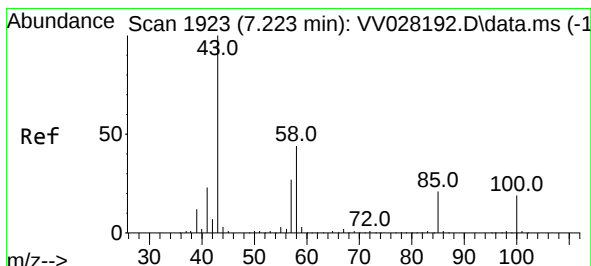
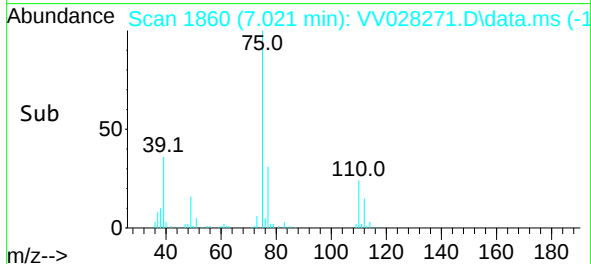
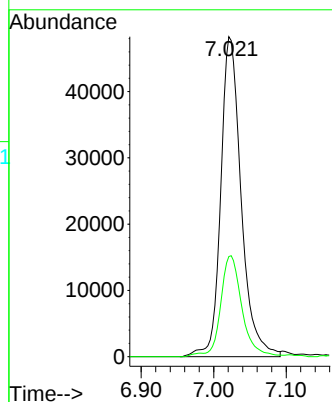
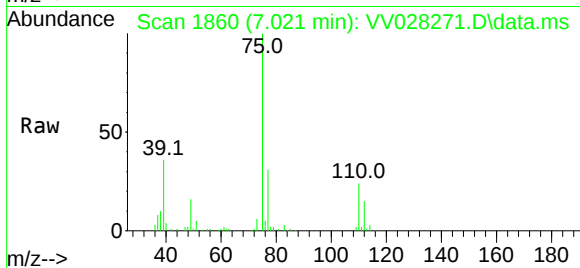
VSTD005254

Tgt Ion: 75 Resp: 94650

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 44.584 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

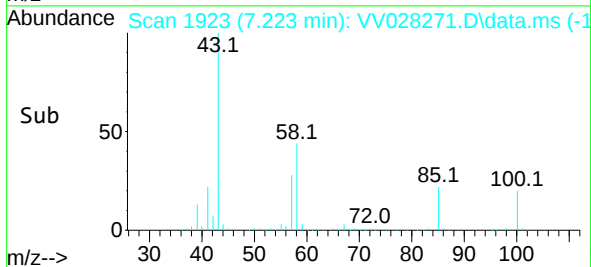
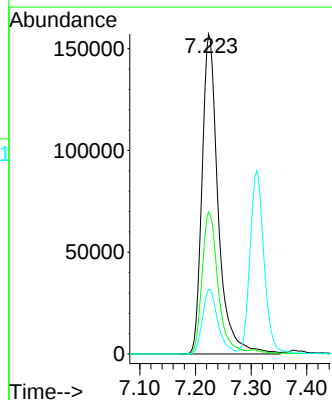
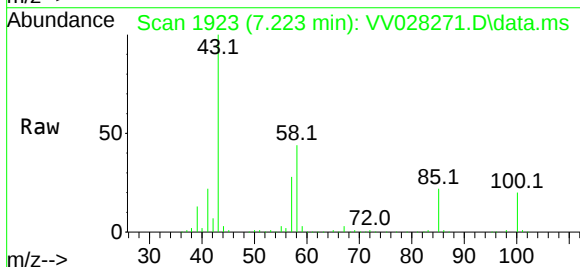
Tgt Ion: 43 Resp: 316218

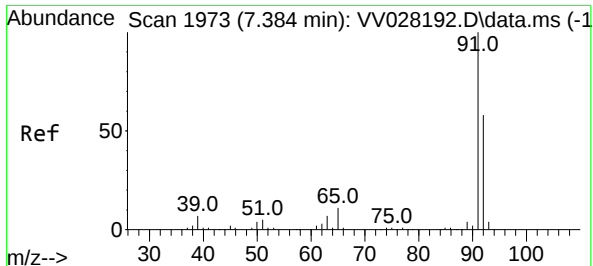
Ion Ratio Lower Upper

43 100

58 43.9 32.2 48.4

100 19.4 12.7 19.1





#42

Toluene

Concen: 5.851 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

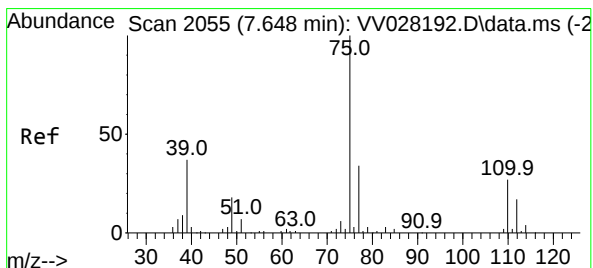
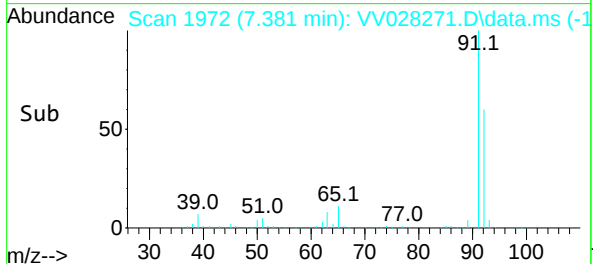
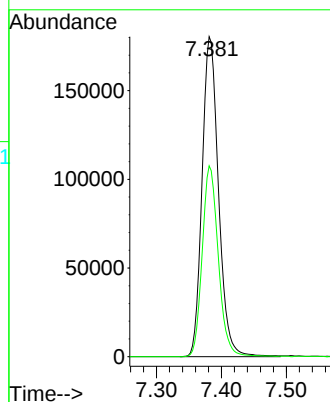
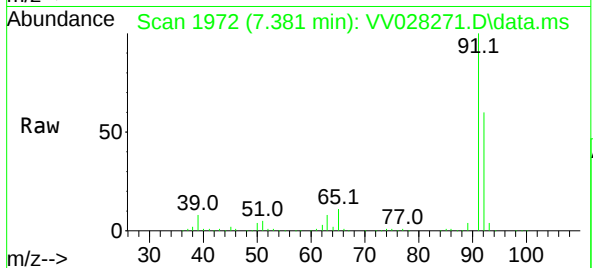
VSTD005254

Tgt Ion: 91 Resp: 317976

Ion Ratio Lower Upper

91 100

92 59.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.228 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV028271.D

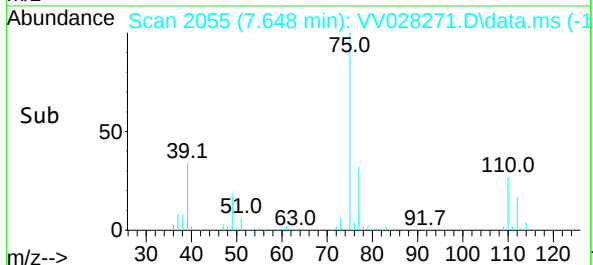
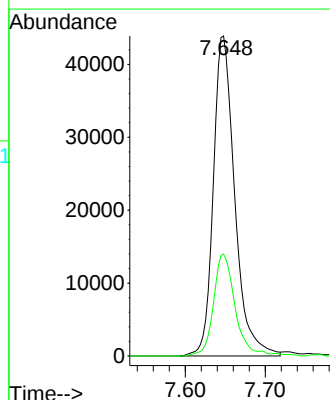
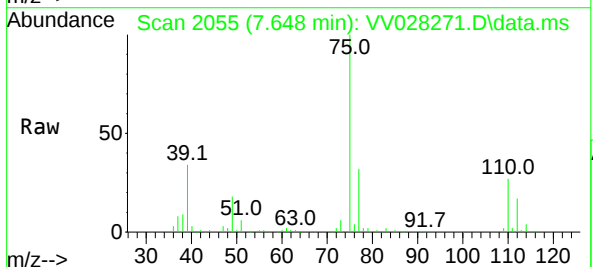
Acq: 03 Oct 2022 11:19

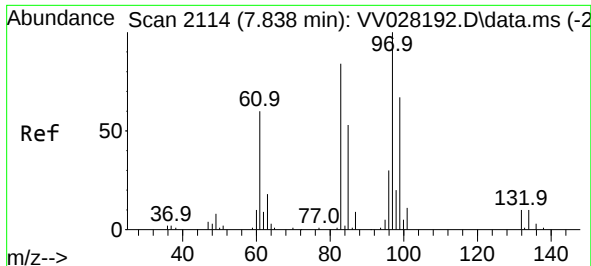
Tgt Ion: 75 Resp: 81580

Ion Ratio Lower Upper

75 100

77 31.9 23.9 44.3

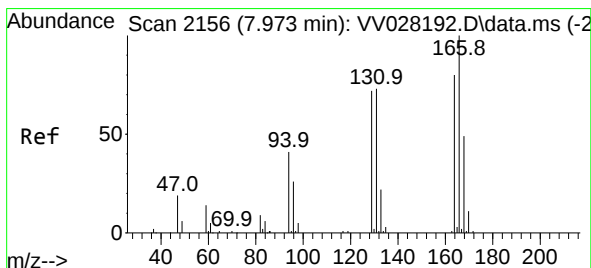
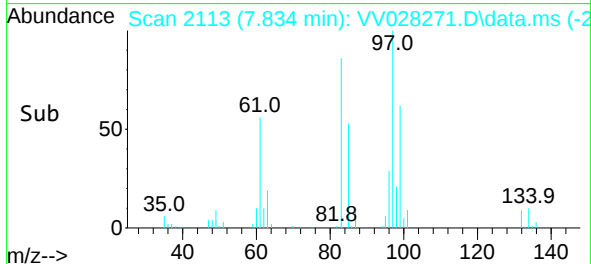
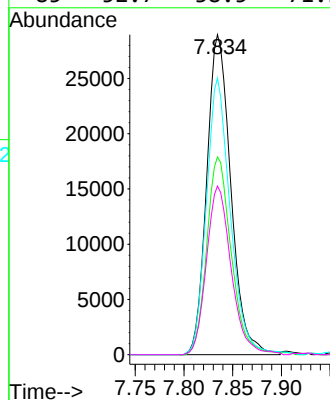
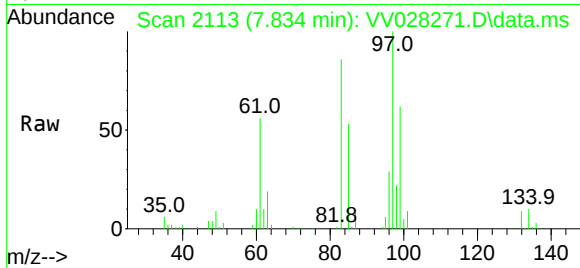




#45
1,1,2-Trichloroethane
Concen: 5.100 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

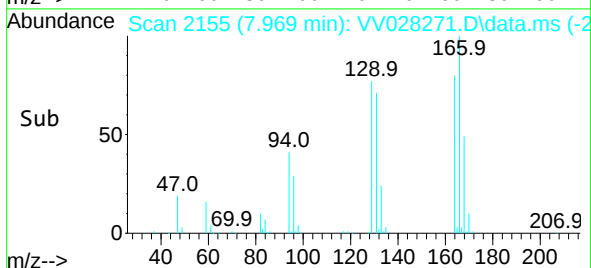
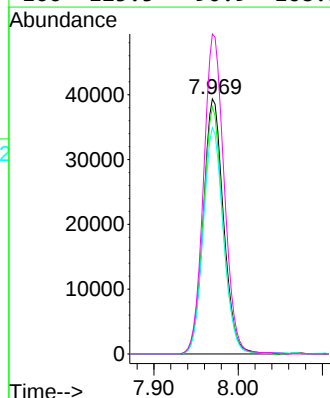
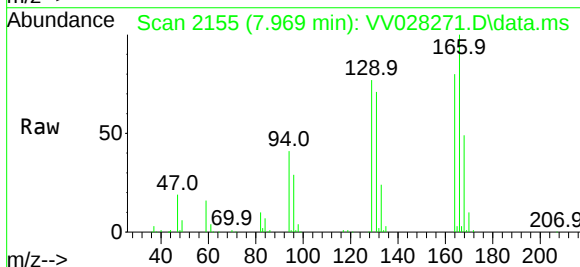
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

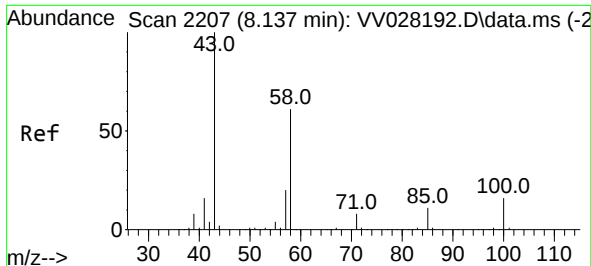
Tgt Ion:	97	Resp:	49931
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.2	80.2
83	86.4	59.1	109.9
85	52.7	38.5	71.5



#47
Tetrachloroethene
Concen: 6.346 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion:	164	Resp:	65692
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.7	123.9
131	88.8	61.7	114.5
166	125.5	90.9	168.9

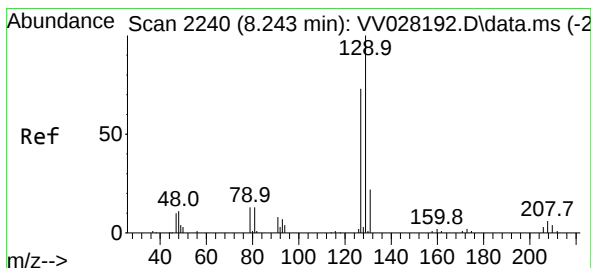
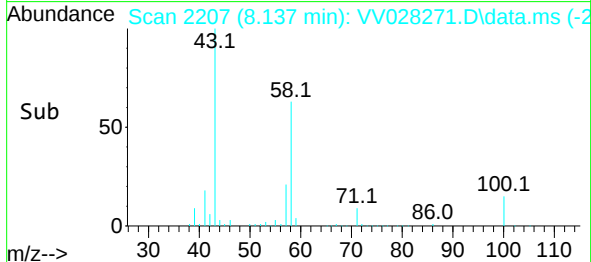
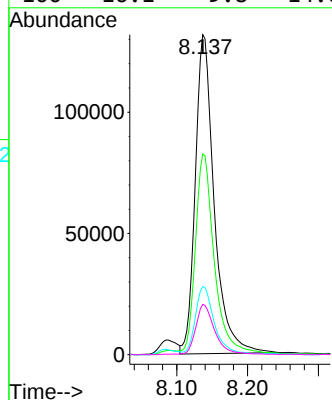
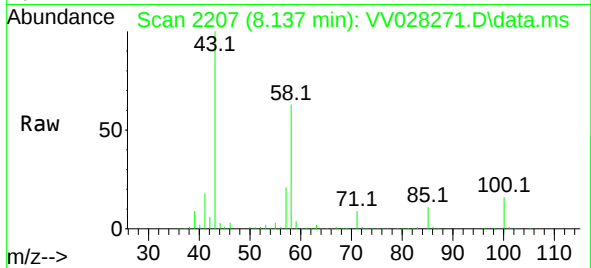




#48
2-Hexanone
Concen: 45.388 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

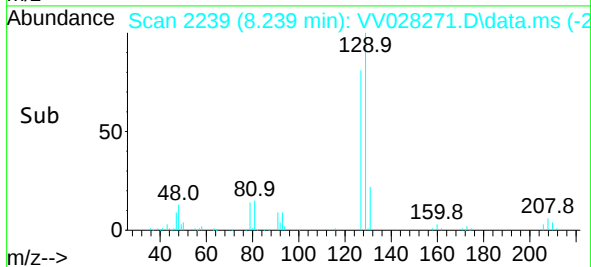
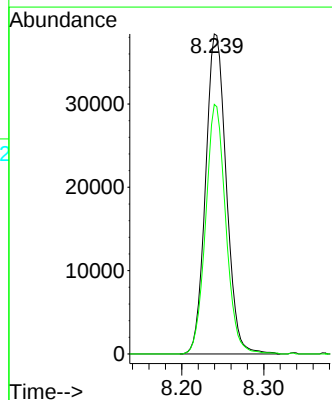
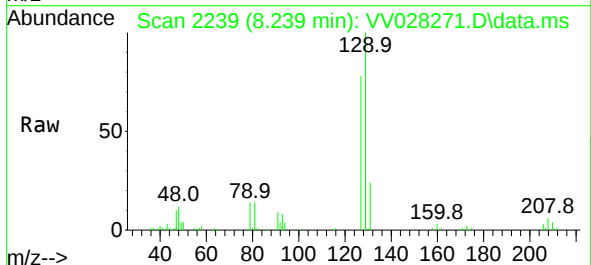
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

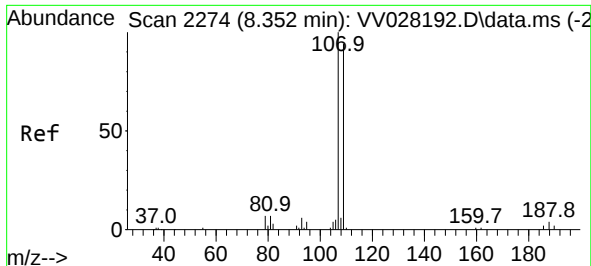
Tgt Ion: 43 Resp: 244383
Ion Ratio Lower Upper
43 100
58 63.0 45.7 68.5
57 20.8 15.5 23.3
100 16.1 9.8 14.6#



#49
Dibromochloromethane
Concen: 5.707 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.003 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 129 Resp: 67185
Ion Ratio Lower Upper
129 100
127 78.0 54.3 100.9





#50

1,2-Dibromoethane

Concen: 5.654 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

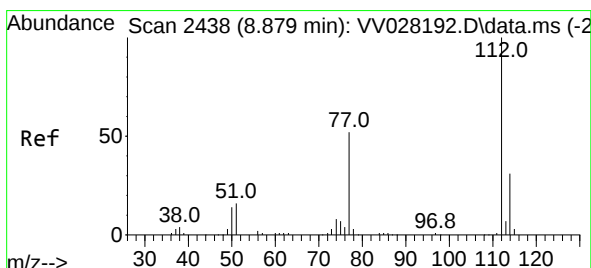
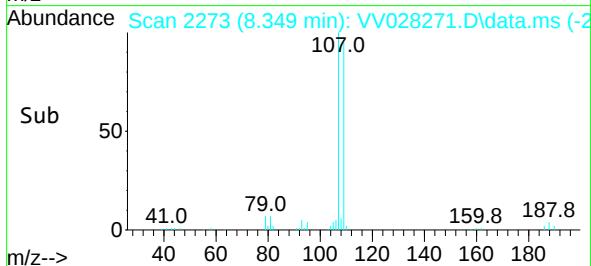
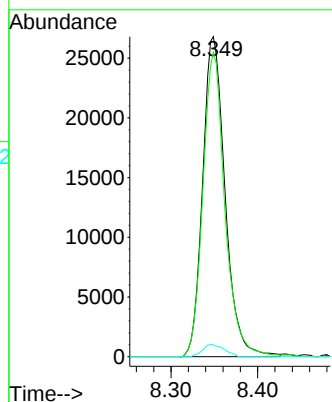
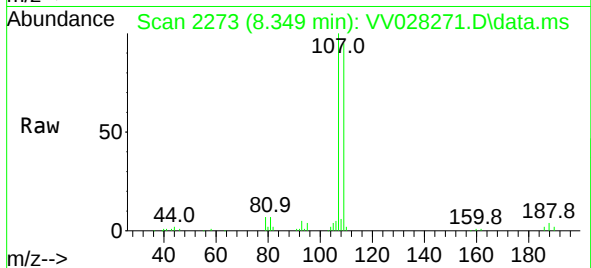
Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

Tgt Ion:	107	Resp:	48104
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.9	122.5
188	3.7	3.4	5.0



#51

Chlorobenzene

Concen: 5.809 ug/L

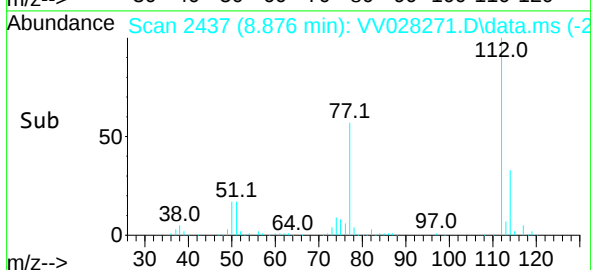
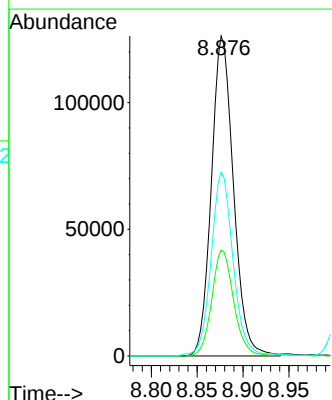
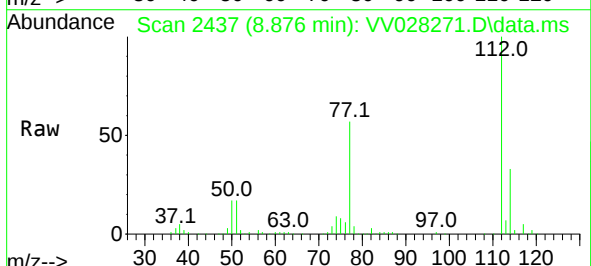
RT: 8.876 min Scan# 2437

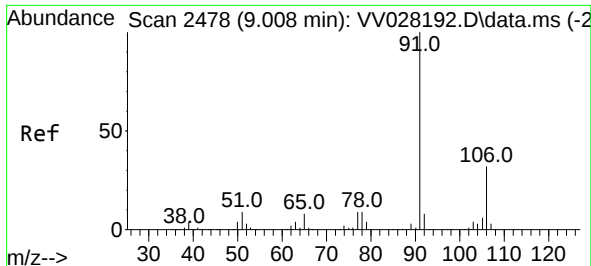
Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Tgt Ion:	112	Resp:	211743
Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.5	41.7
77	57.5	46.1	69.1

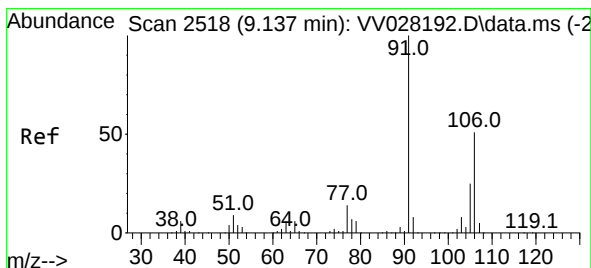
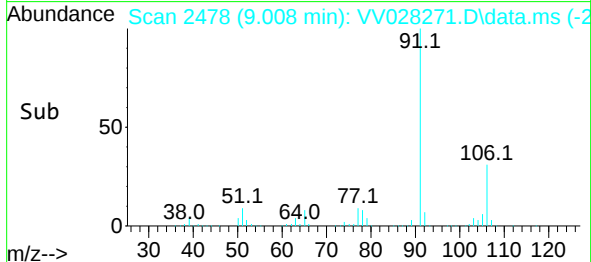
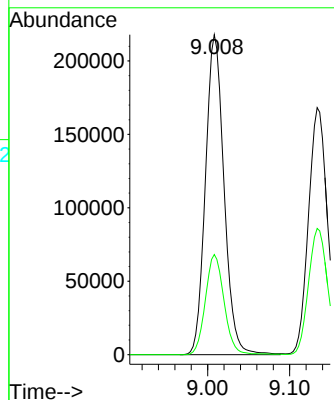
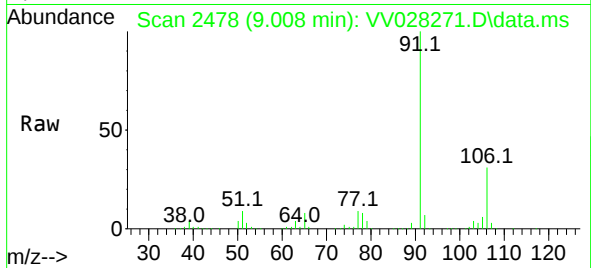




#52
Ethylbenzene
Concen: 5.963 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

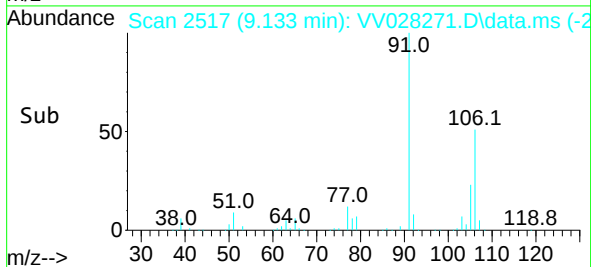
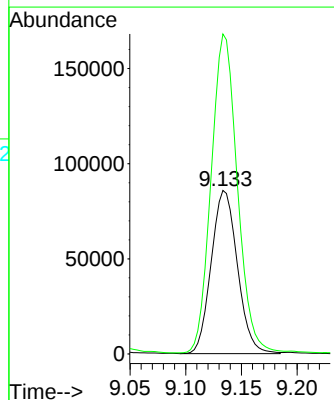
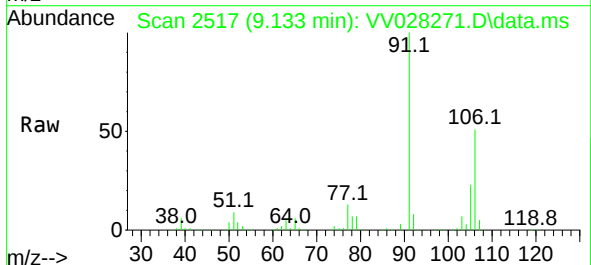
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

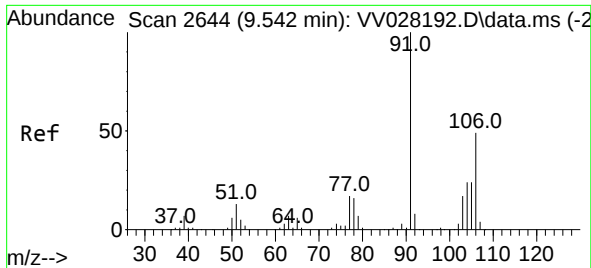
Tgt Ion: 91 Resp: 342847
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 6.360 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 106 Resp: 140138
Ion Ratio Lower Upper
106 100
91 195.7 141.9 263.5

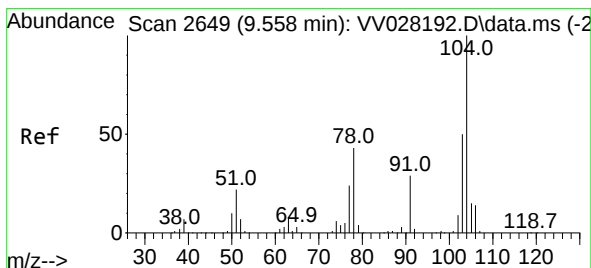
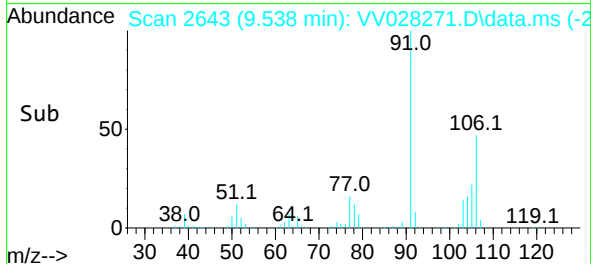
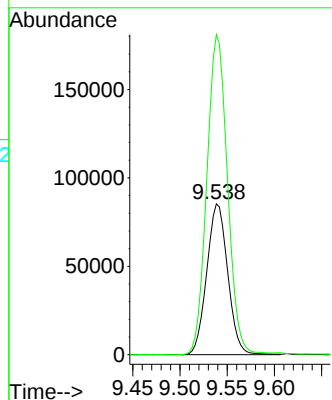
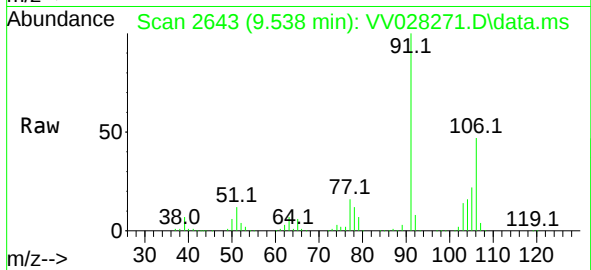




#54
o-Xylene
Concen: 6.053 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

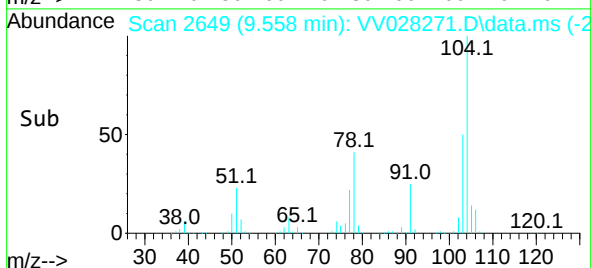
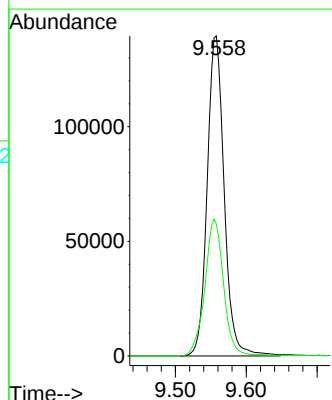
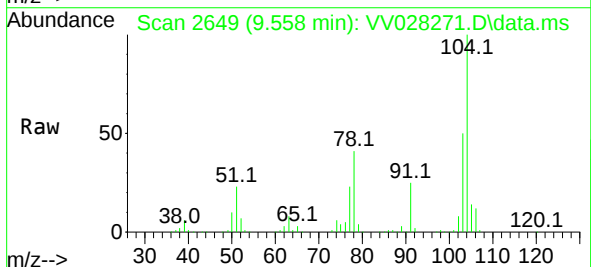
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

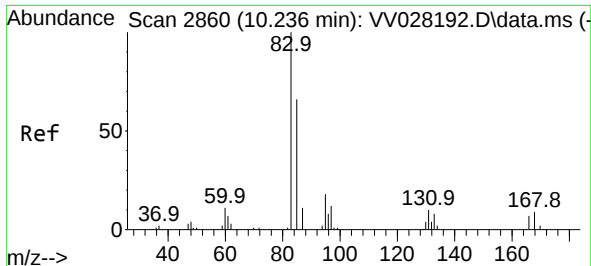
Tgt Ion:106 Resp: 131692
Ion Ratio Lower Upper
106 100
91 212.1 148.1 275.0



#55
Styrene
Concen: 6.178 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion:104 Resp: 232936
Ion Ratio Lower Upper
104 100
78 41.2 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.293 ug/L

RT: 10.236 min Scan# 2860

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

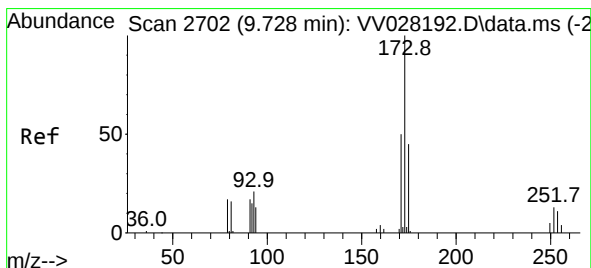
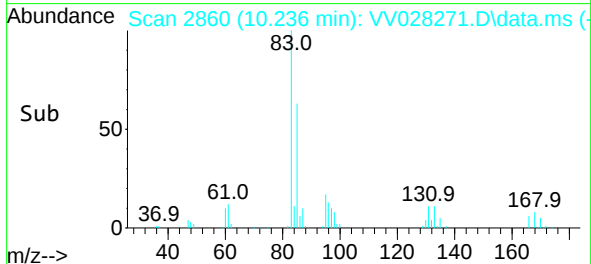
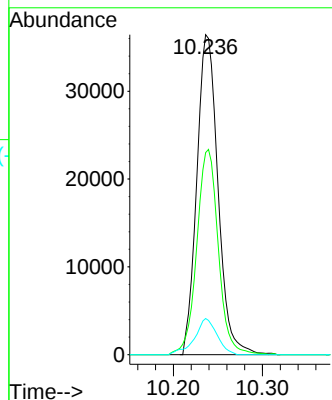
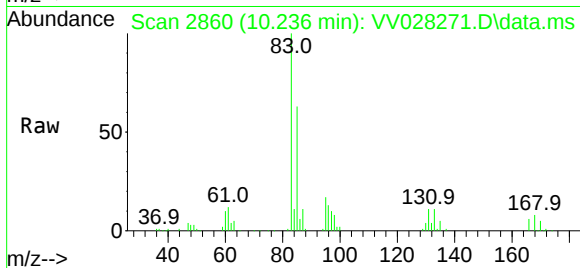
Tgt Ion: 83 Resp: 60377

Ion Ratio Lower Upper

83 100

85 63.1 45.2 84.0

131 11.3 7.8 11.8



#59

Bromoform

Concen: 5.663 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

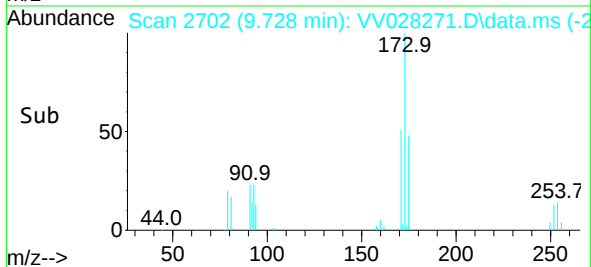
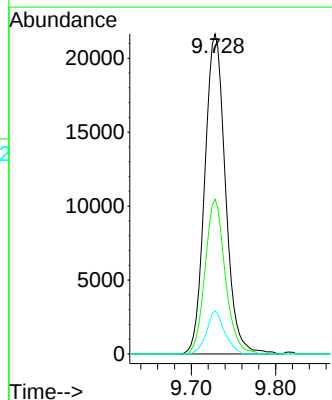
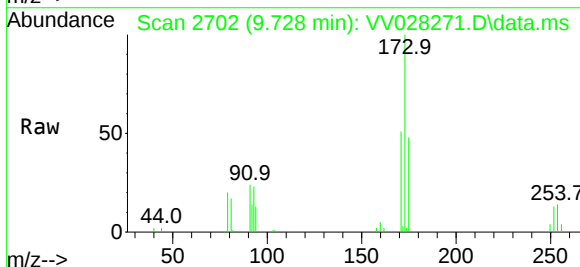
Tgt Ion: 173 Resp: 36972

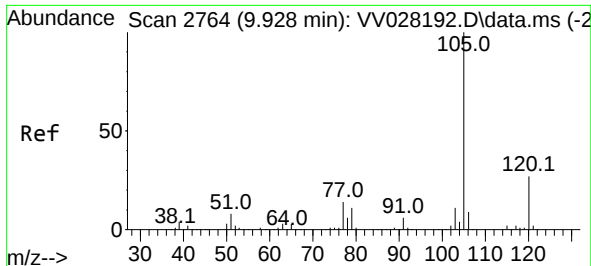
Ion Ratio Lower Upper

173 100

175 47.1 39.0 58.4

254 11.7 8.7 13.1

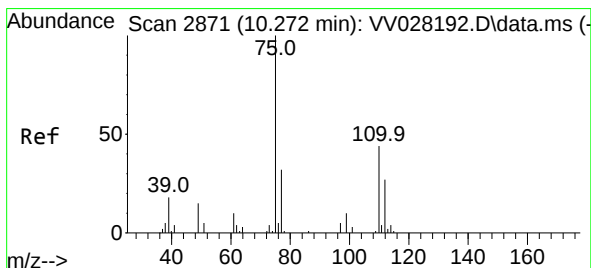
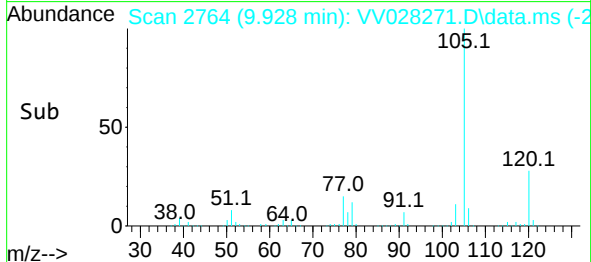
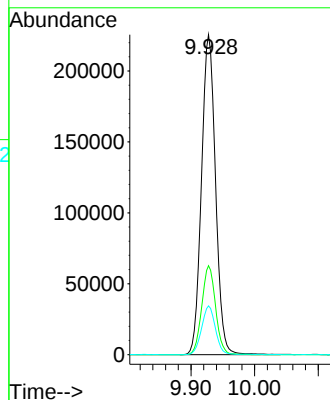
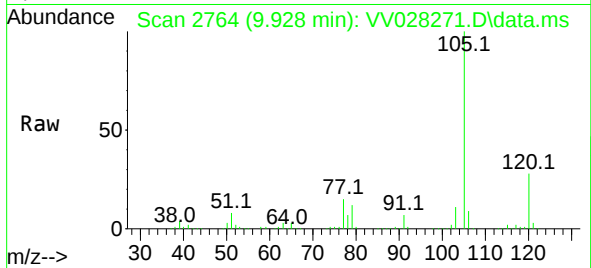




#60
Isopropylbenzene
Concen: 5.732 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

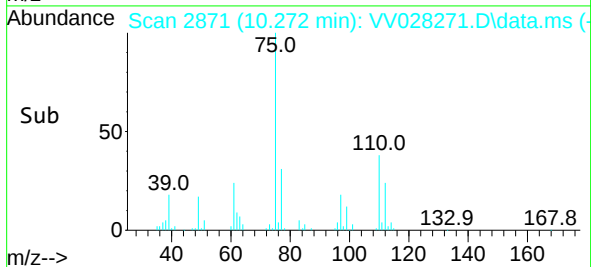
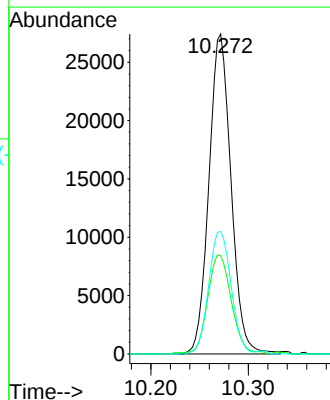
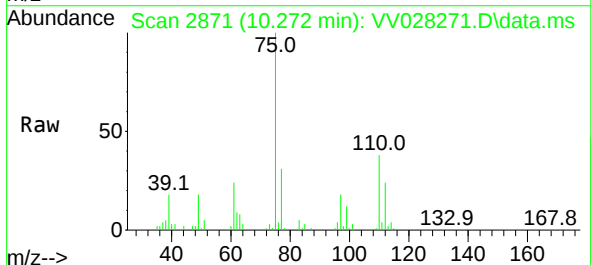
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

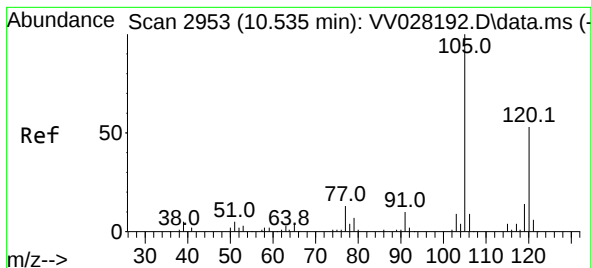
Tgt Ion:105 Resp: 345978
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.009 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion: 75 Resp: 43206
Ion Ratio Lower Upper
75 100
77 33.3 26.7 40.1
110 38.9 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 5.564 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

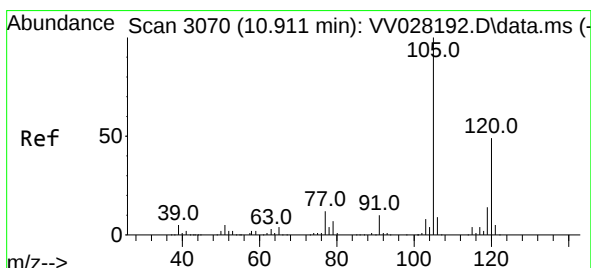
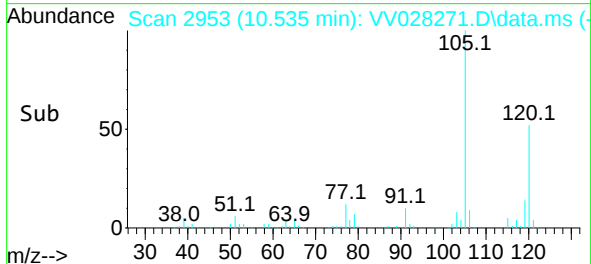
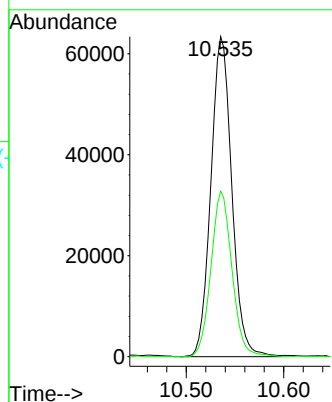
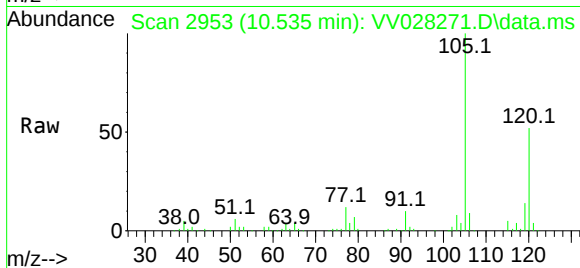
VSTD005254

Tgt Ion:105 Resp: 94601

Ion Ratio Lower Upper

105 100

120 51.8 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 5.734 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV028271.D

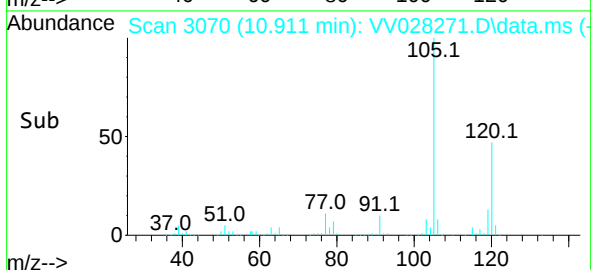
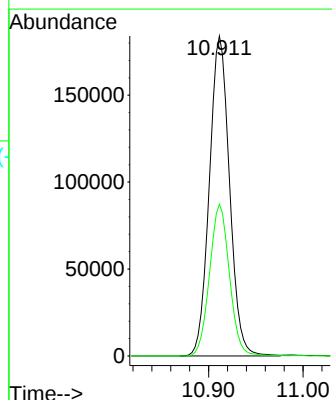
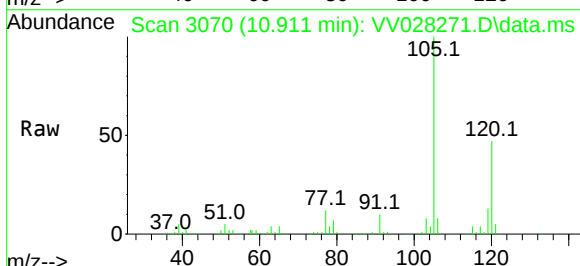
Acq: 03 Oct 2022 11:19

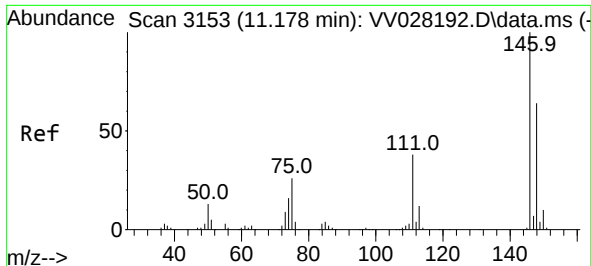
Tgt Ion:105 Resp: 272507

Ion Ratio Lower Upper

105 100

120 46.8 37.8 56.8

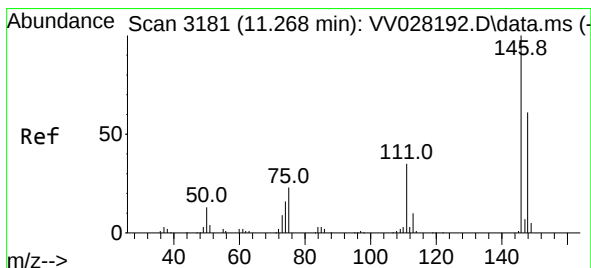
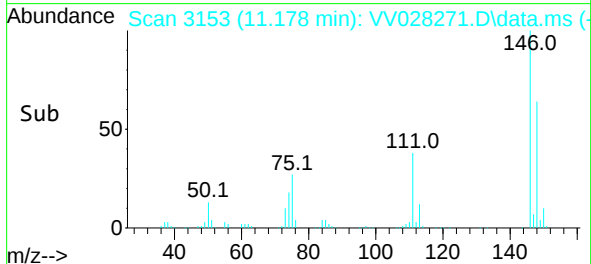
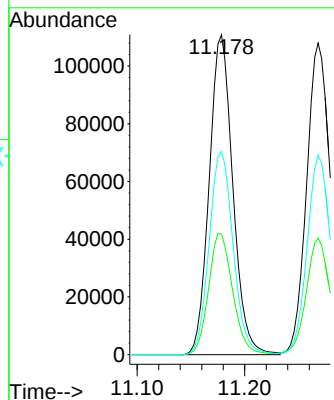
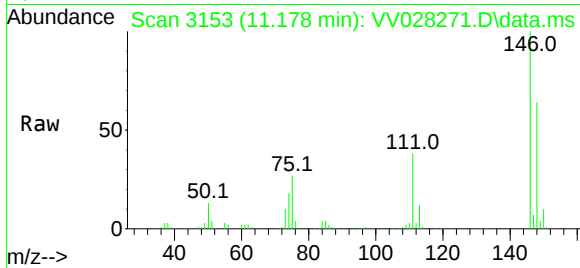




#64
1,3-Dichlorobenzene
Concen: 5.622 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

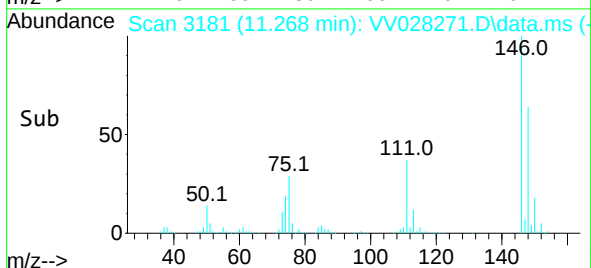
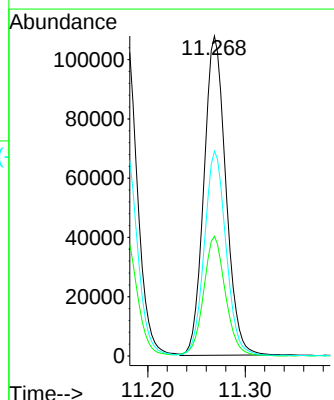
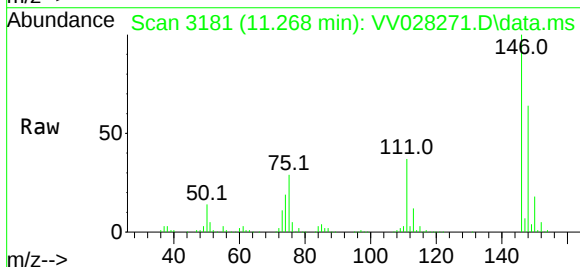
Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

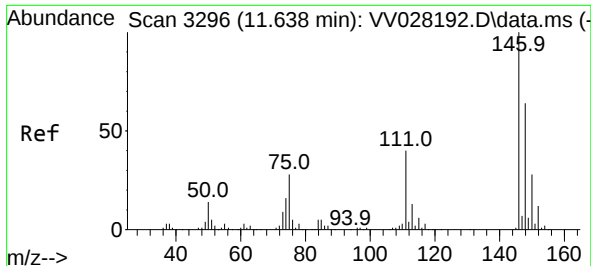
Tgt Ion:146 Resp: 168855
Ion Ratio Lower Upper
146 100
111 37.7 27.1 50.3
148 63.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.614 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion:146 Resp: 168712
Ion Ratio Lower Upper
146 100
111 37.4 26.2 48.8
148 64.0 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.308 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005254

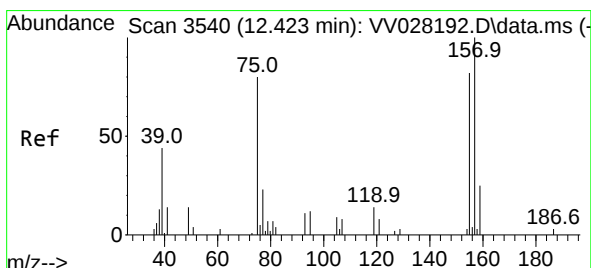
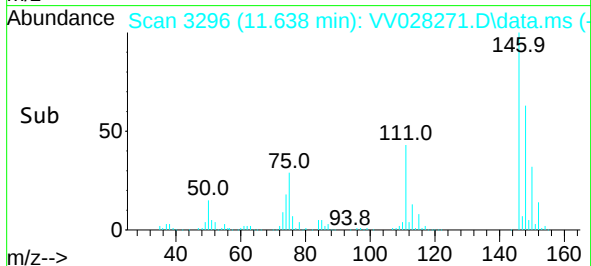
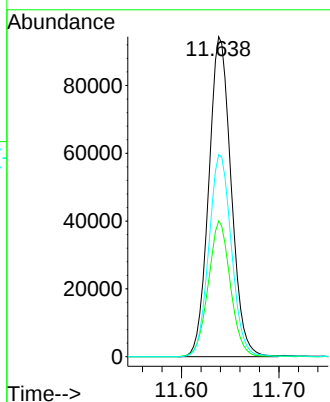
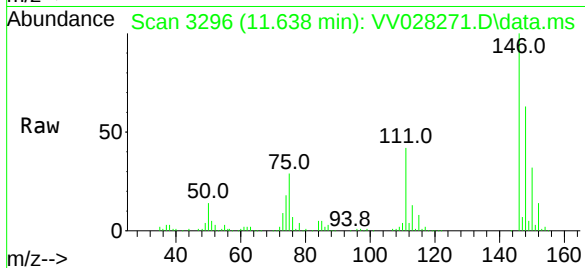
Tgt Ion:146 Resp: 150622

Ion Ratio Lower Upper

146 100

111 42.4 32.6 49.0

148 63.1 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.888 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV028271.D

Acq: 03 Oct 2022 11:19

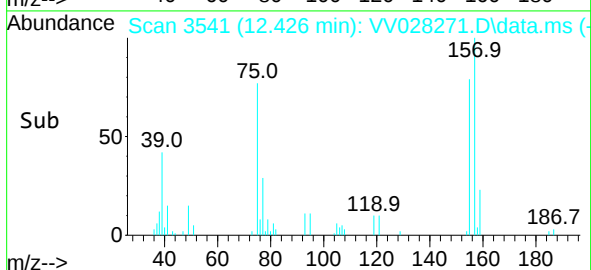
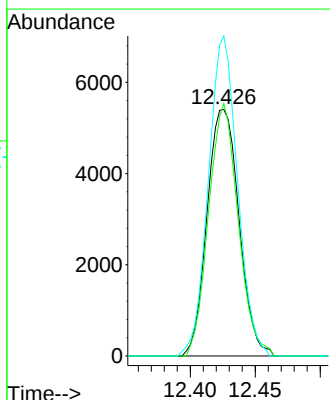
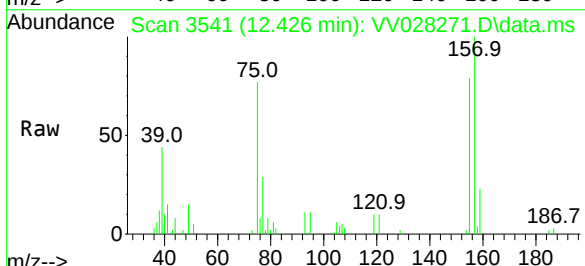
Tgt Ion: 75 Resp: 9241

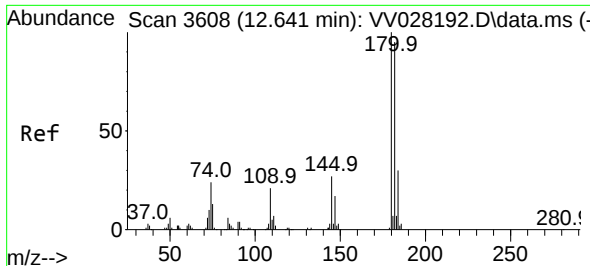
Ion Ratio Lower Upper

75 100

155 102.3 73.6 110.4

157 129.8 90.7 136.1



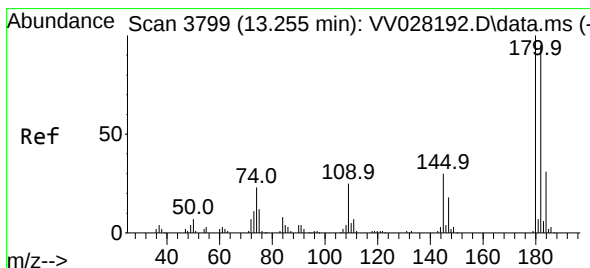
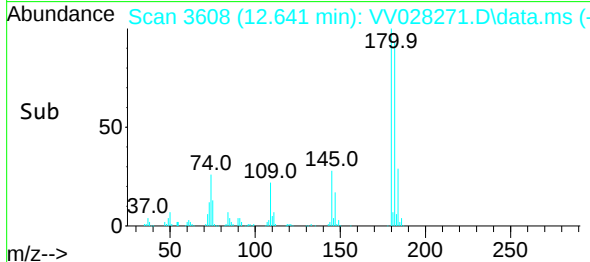
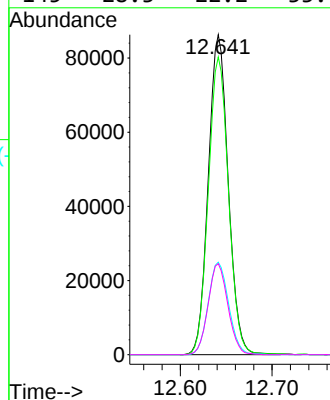
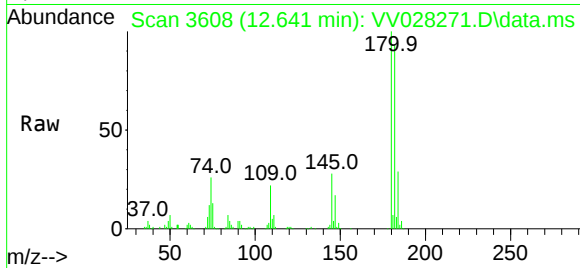


#69
 1,3,5-Trichlorobenzene
 Concen: 5.482 ug/L
 RT: 12.641 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005254

Tgt Ion:180 Resp: 130336

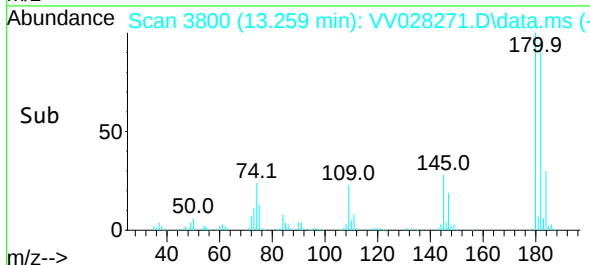
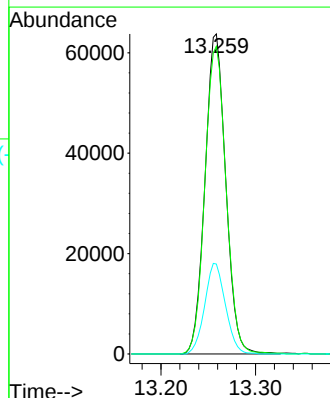
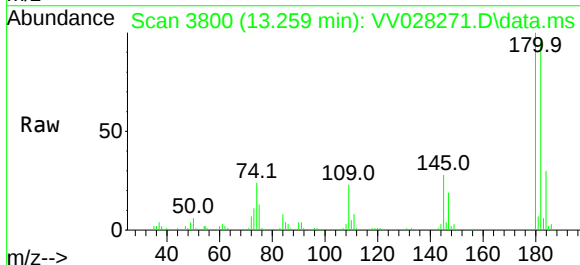
Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.5	113.3
184	29.7	23.7	35.5
145	28.3	22.2	33.4

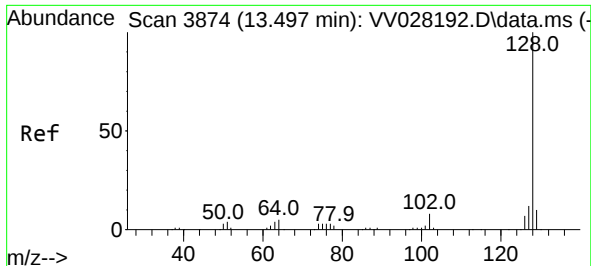


#70
 1,2,4-trichlorobenzene
 Concen: 5.114 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV028271.D
 Acq: 03 Oct 2022 11:19

Tgt Ion:180 Resp: 97226

Ion	Ratio	Lower	Upper
180	100		
182	98.2	76.3	114.5
145	28.3	22.9	34.3

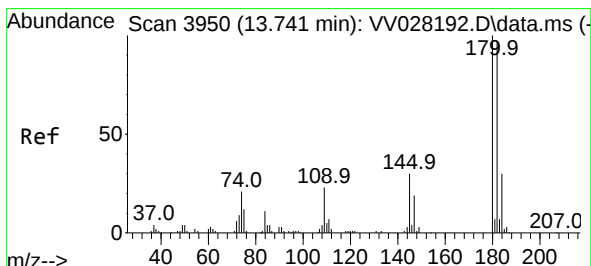
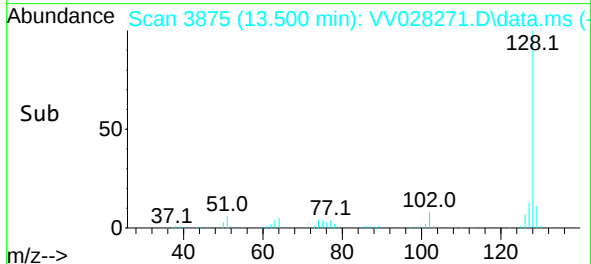
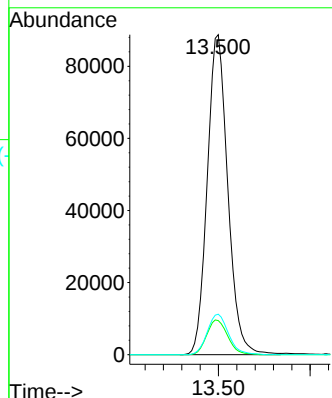
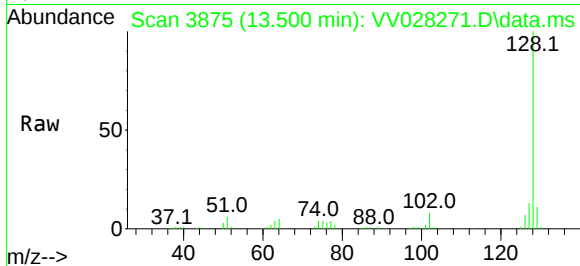




#71
Naphthalene
Concen: 4.440 ug/L
RT: 13.500 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005254

Tgt Ion:128 Resp: 138231
Ion Ratio Lower Upper
128 100
129 11.1 8.2 12.2
127 13.1 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.078 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028271.D
Acq: 03 Oct 2022 11:19

Tgt Ion:180 Resp: 87334
Ion Ratio Lower Upper
180 100
182 94.4 77.4 116.0
145 31.1 24.6 36.8

