

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028129.D
 Acq On : 27 Sep 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Sep 28 03:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 26 21:28:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	177143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68019	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.561	69	59708	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.101	63	116724	3.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.895	46	168512	54.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	4.342	84	136278	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	64482	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.043	84	248554	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.066	67	79651	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.310	98	220632	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.619	79	30217	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	138603	50.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62482	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	85332	4.416	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	64675	4.888	ug/L	94
3) Chloromethane	1.236	50	59624	3.403	ug/L	93
5) Vinyl chloride	1.304	62	65775	4.788	ug/L	98
6) Bromomethane	1.516	94	42133	4.710	ug/L	94
8) Chloroethane	1.580	64	43239	4.694	ug/L	99
9) Trichlorofluoromethane	1.748	101	105762	4.849	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	62906	5.005	ug/L	99
12) 1,1-Dichloroethene	2.111	96	54302	4.436	ug/L	86
13) Acetone	2.188	43	101994	42.708	ug/L	96
14) Carbon disulfide	2.288	76	112209	4.776	ug/L	99
15) Methyl Acetate	2.436	43	22542	4.862	ug/L	97
16) Methylene chloride	2.500	84	66277	4.850	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	130284	4.947	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	53613	5.003	ug/L	99
19) 1,1-Dichloroethane	3.182	63	118265	5.059	ug/L	99
21) 2-Butanone	3.982	43	141060	47.710	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	63339	4.504	ug/L	98
23) Bromochloromethane	4.243	128	29249	5.195	ug/L	88
25) Chloroform	4.368	83	128907	5.139	ug/L	100

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

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Sep 28 03:03:10 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

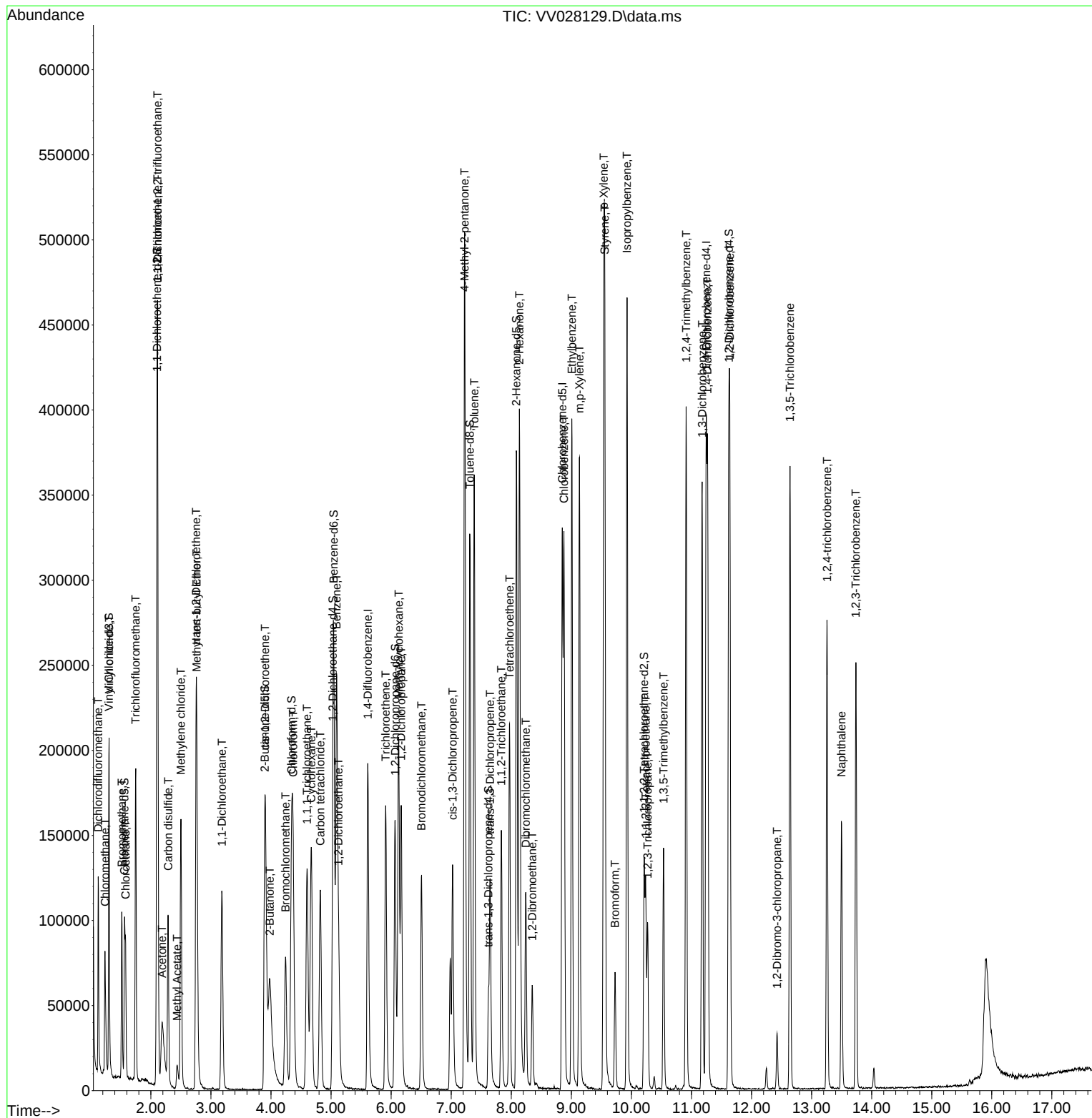
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	65048	4.863	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	107940	4.897	ug/L	98
30) Cyclohexane	4.670	56	72496	4.547	ug/L	93
31) Carbon tetrachloride	4.821	117	91987	5.071	ug/L	98
33) Benzene	5.092	78	248693	4.992	ug/L	100
34) Trichloroethene	5.908	95	61234	4.938	ug/L	97
35) Methylcyclohexane	6.127	83	82276	4.838	ug/L	96
37) 1,2-Dichloropropane	6.169	63	66313	4.748	ug/L	98
38) Bromodichloromethane	6.506	83	88528	5.134	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	86339	4.977	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	342248	50.464	ug/L	99
42) Toluene	7.384	91	269756	5.191	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	73823	4.948	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	47253	5.048	ug/L	97
47) Tetrachloroethene	7.972	164	50652	5.117	ug/L	97
48) 2-Hexanone	8.136	43	256189	49.759	ug/L	99
49) Dibromochloromethane	8.243	129	59030	5.244	ug/L	99
50) 1,2-Dibromoethane	8.349	107	40754	5.009	ug/L	92
51) Chlorobenzene	8.879	112	179002	5.136	ug/L	98
52) Ethylbenzene	9.008	91	270577	4.922	ug/L	98
53) m,p-Xylene	9.136	106	109150	5.181	ug/L	97
54) o-Xylene	9.542	106	106469	5.117	ug/L	98
55) Styrene	9.558	104	190614	5.287	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	57147	5.239	ug/L	98
59) Bromoform	9.728	173	31606	5.054	ug/L	99
60) Isopropylbenzene	9.927	105	290456	5.023	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40706	4.927	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	76681	4.708	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	218179	4.792	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	148481	5.161	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	148391	5.155	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	139301	5.125	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8527	4.709	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	115565	5.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	88641	4.867	ug/L	98
71) Naphthalene	13.496	128	126563	4.244	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	80007	4.857	ug/L	99

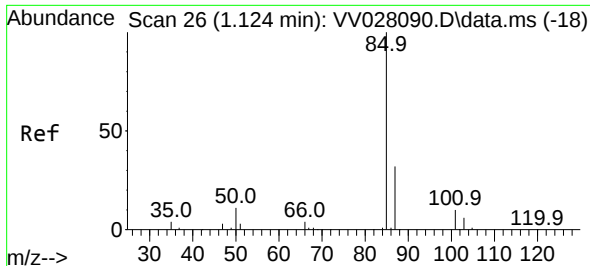
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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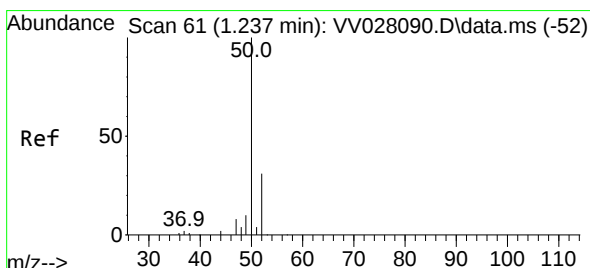
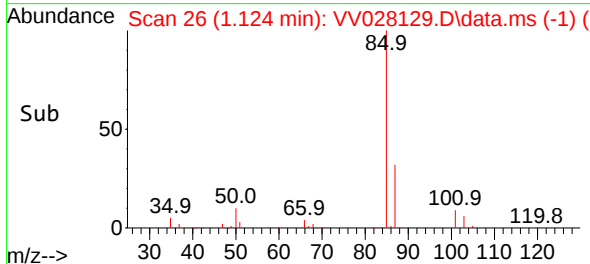
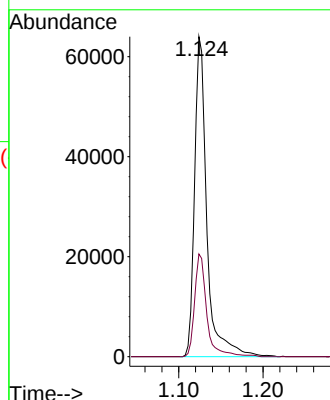
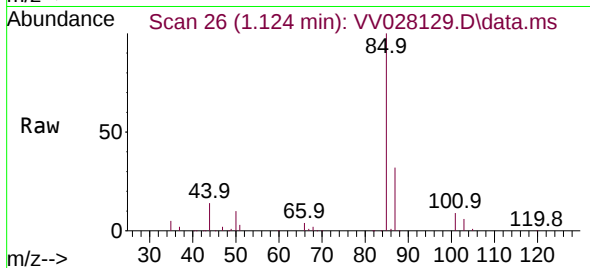




#2
 Dichlorodifluoromethane
 Concen: 4.888 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

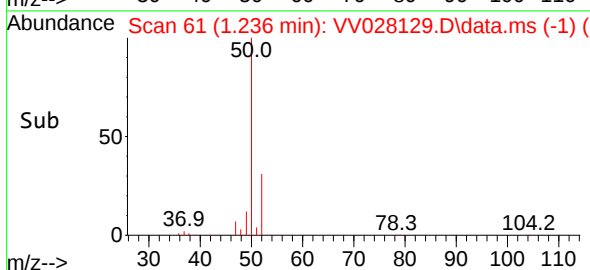
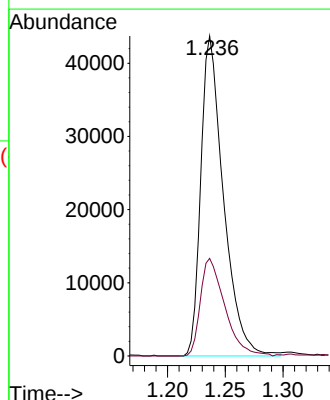
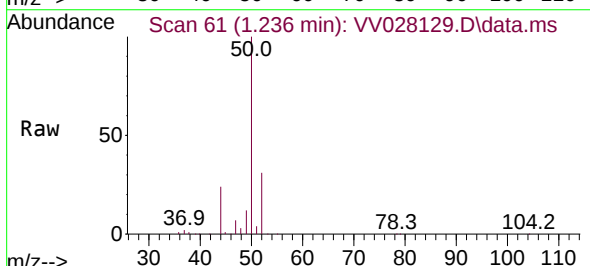
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 ClientSampleId :
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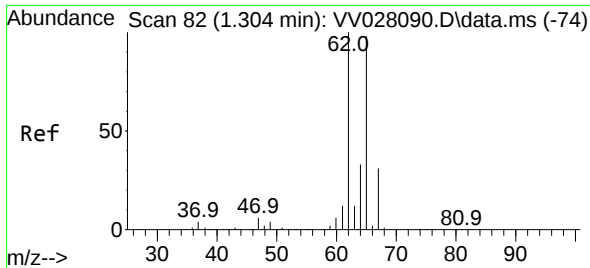
Tgt Ion: 85 Resp: 64675
 Ion Ratio Lower Upper
 85 100
 87 31.9 22.8 34.2



#3
 Chloromethane
 Concen: 3.403 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

Tgt Ion: 50 Resp: 59624
 Ion Ratio Lower Upper
 50 100
 52 30.5 24.4 45.2

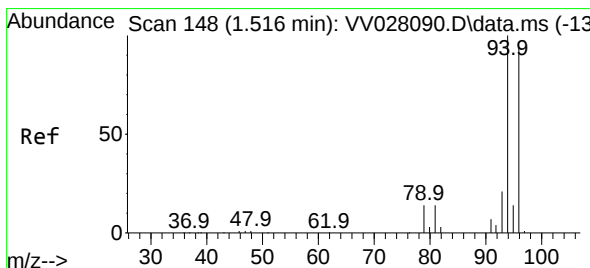
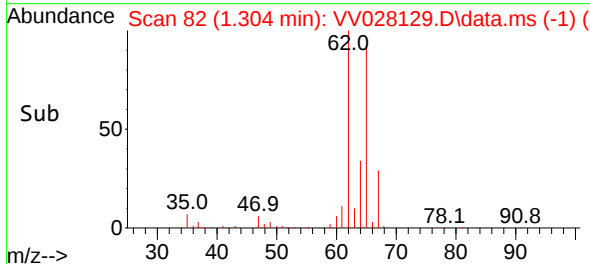
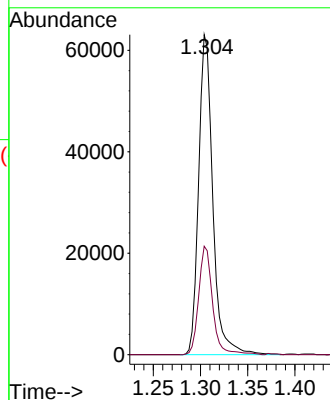
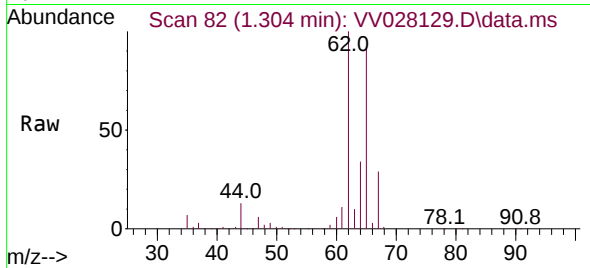




#5
 Vinyl chloride
 Concen: 4.788 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

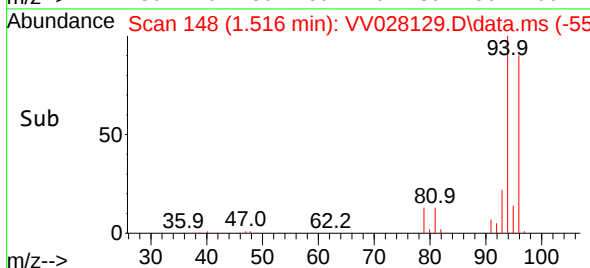
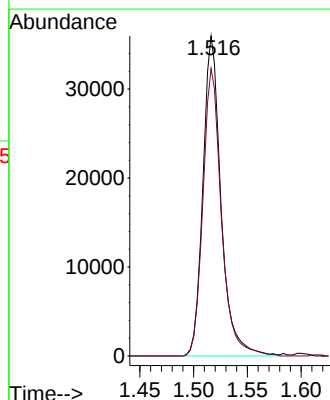
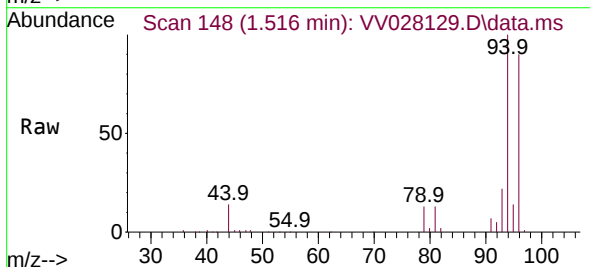
Instrument :
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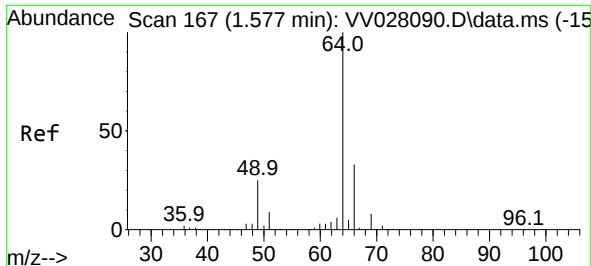
Tgt Ion: 62 Resp: 65775
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.0 42.8



#6
 Bromomethane
 Concen: 4.710 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

Tgt Ion: 94 Resp: 42133
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.7 123.9

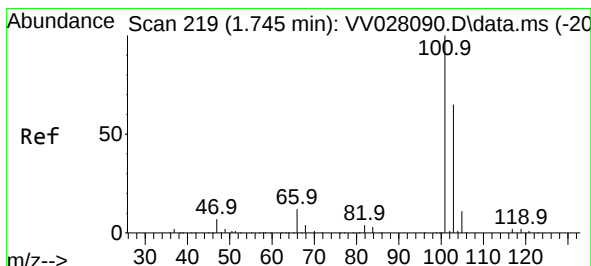
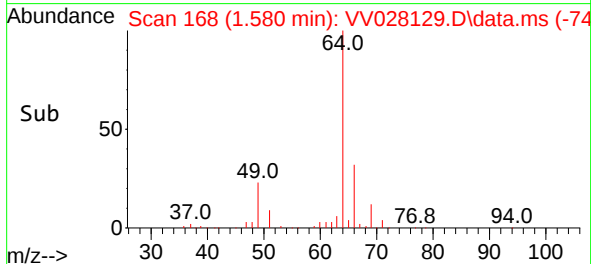
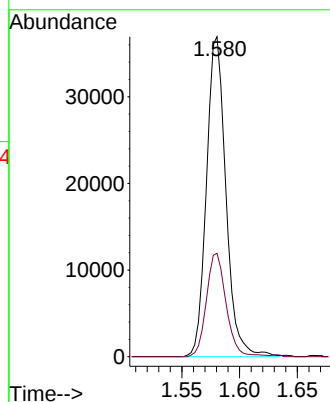
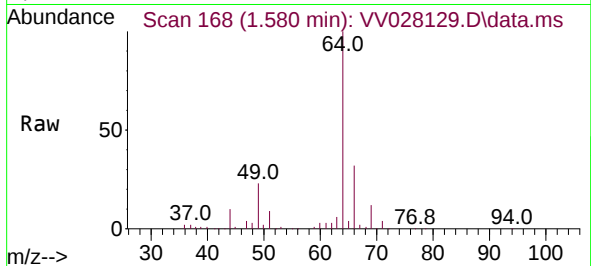




#8
Chloroethane
Concen: 4.694 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

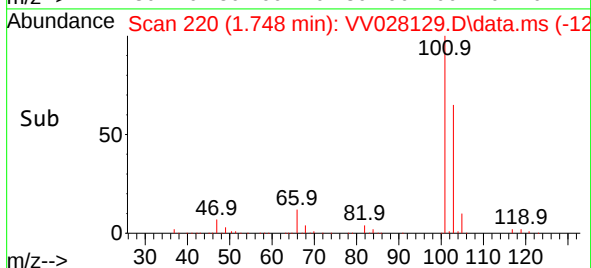
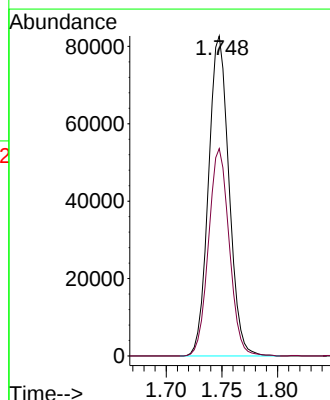
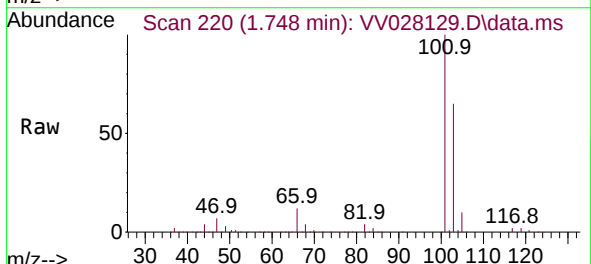
Instrument :
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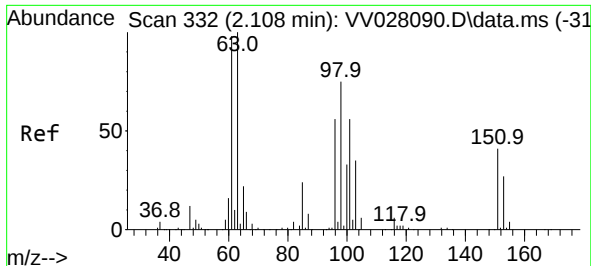
Tgt Ion: 64 Resp: 43239
Ion Ratio Lower Upper
64 100
66 32.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.849 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion:101 Resp: 105762
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

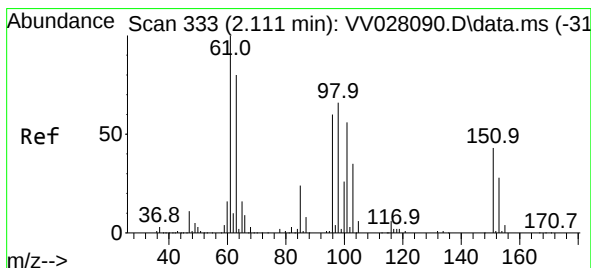
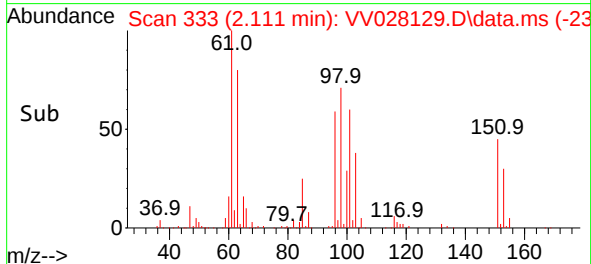
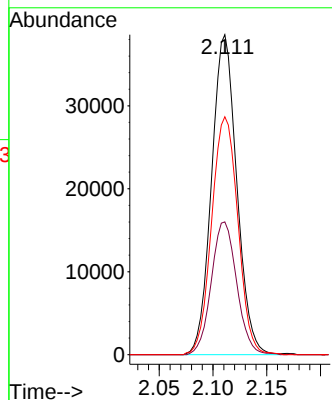
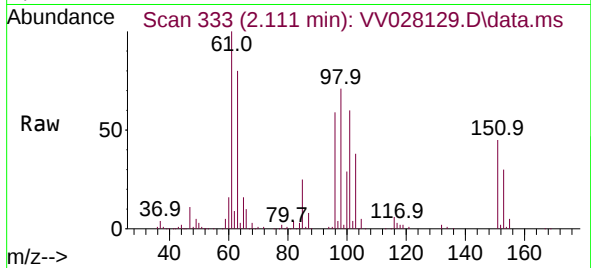




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.005 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

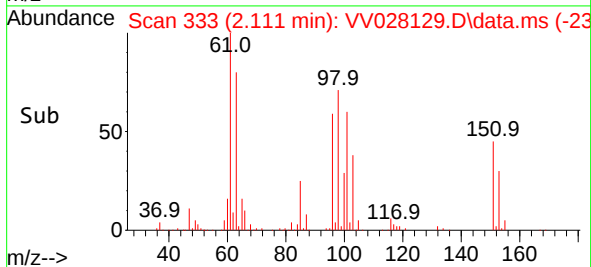
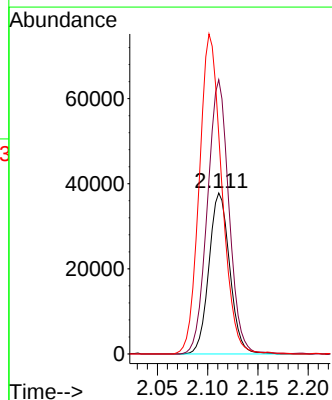
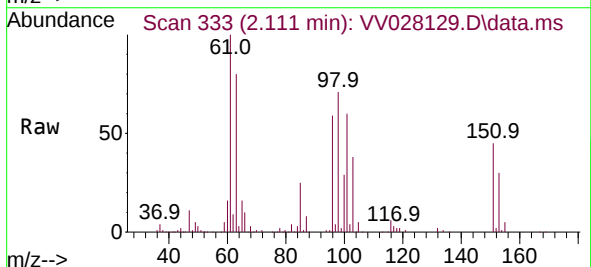
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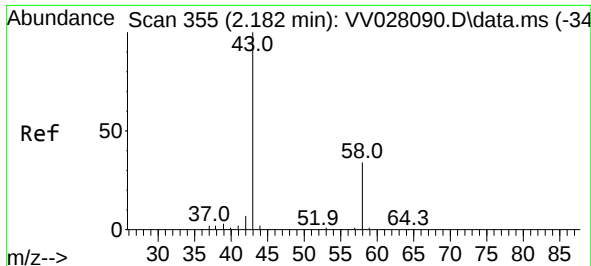
Tgt Ion:101 Resp: 62906
Ion Ratio Lower Upper
101 100
85 41.9 34.4 51.6
151 77.3 61.1 91.7



#12
1,1-Dichloroethene
Concen: 4.436 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 96 Resp: 54302
Ion Ratio Lower Upper
96 100
61 170.4 128.3 238.3
63 136.2 112.7 209.3

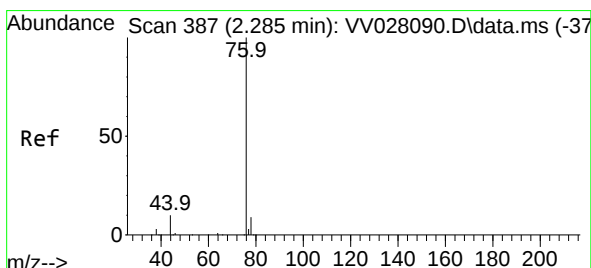
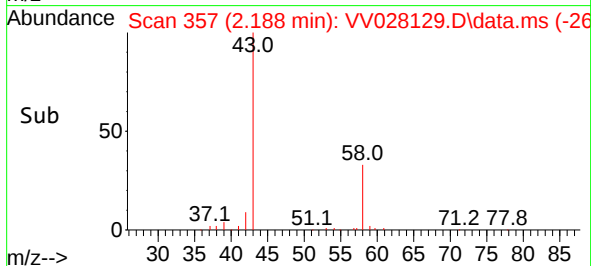
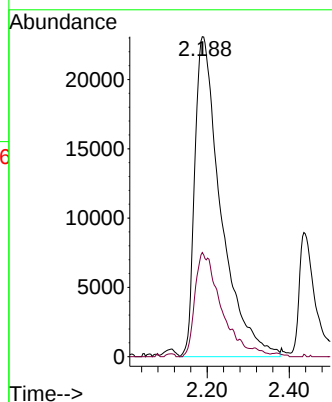
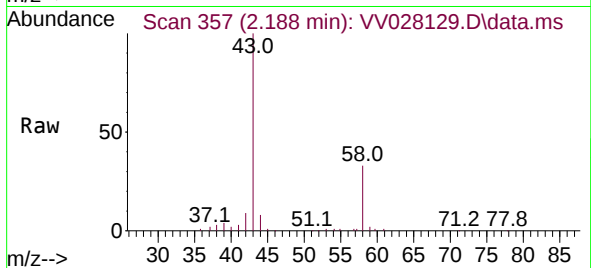




#13
Acetone
Concen: 42.708 ug/L
RT: 2.188 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

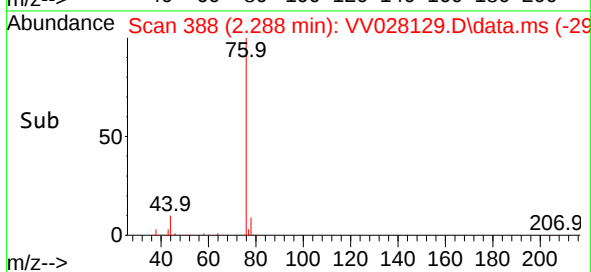
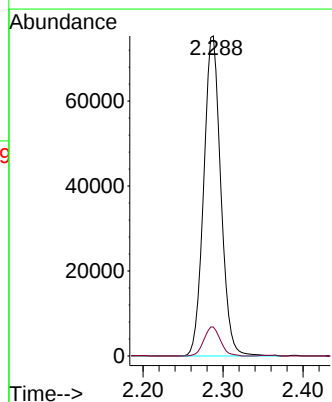
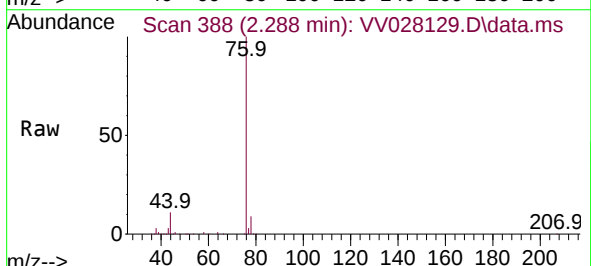
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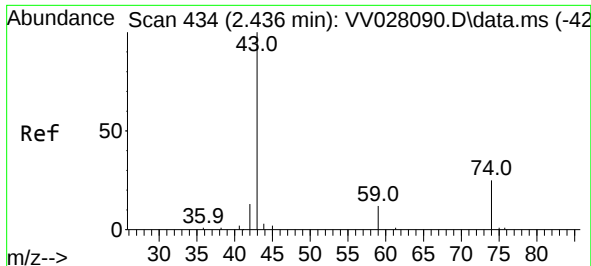
Tgt Ion: 43 Resp: 101994
Ion Ratio Lower Upper
43 100
58 30.4 0.0 65.6



#14
Carbon disulfide
Concen: 4.776 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 112209
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

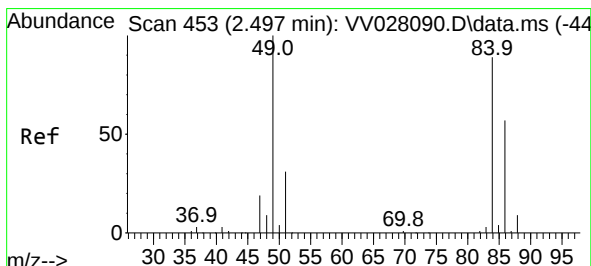
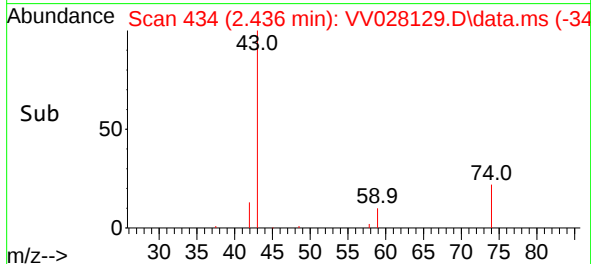
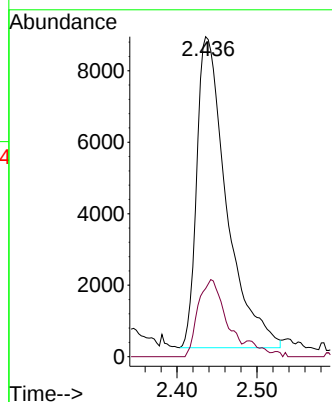
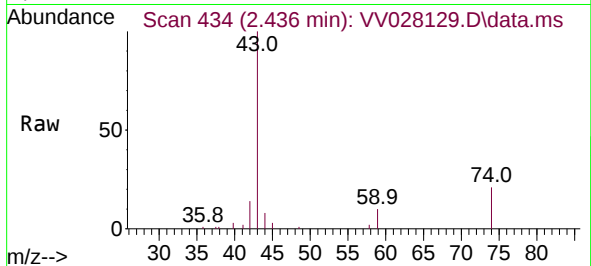




#15
Methyl Acetate
Concen: 4.862 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

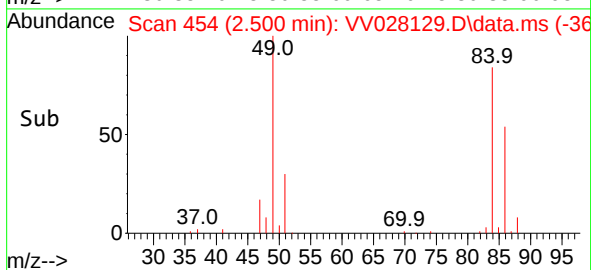
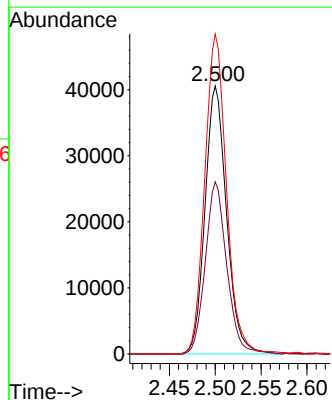
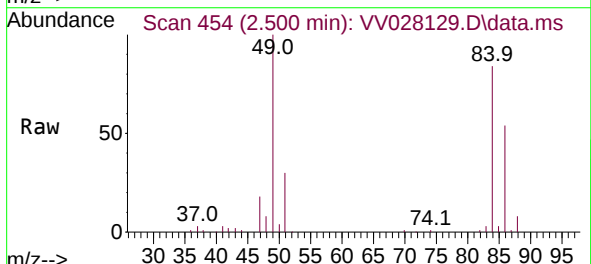
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

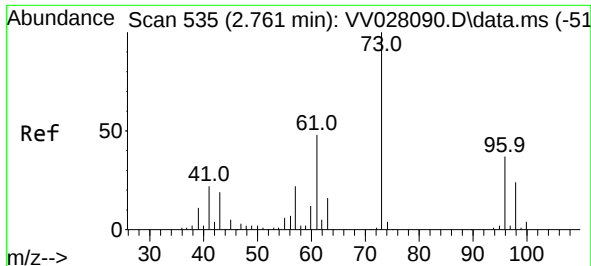
Tgt Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
74 22.6 16.9 25.3



#16
Methylene chloride
Concen: 4.850 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 84 Resp: 66277
Ion Ratio Lower Upper
84 100
86 64.2 46.8 86.8
49 119.4 87.5 162.5

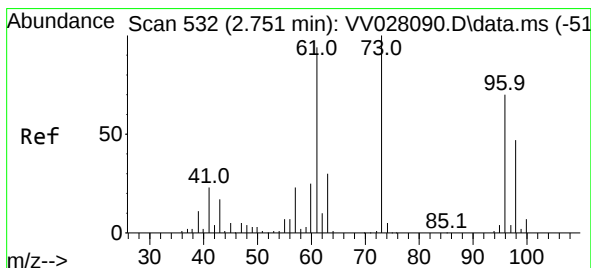
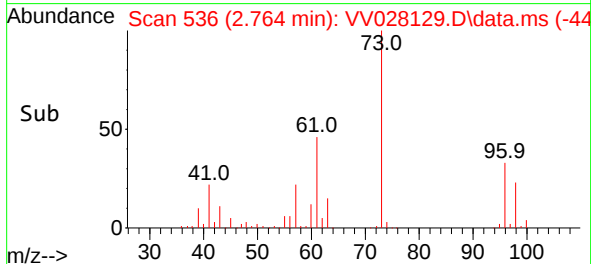
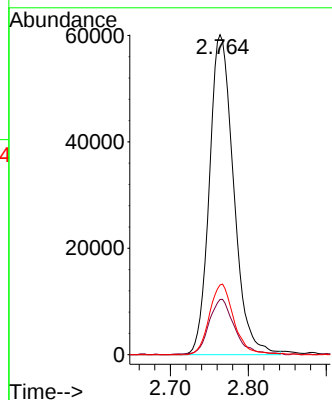
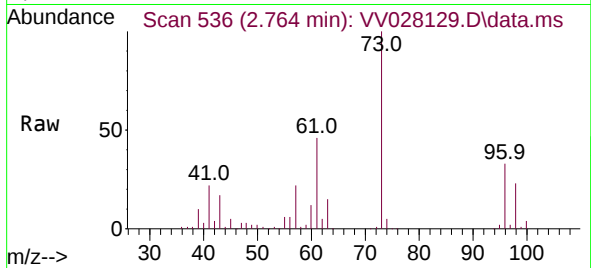




#17
Methyl tert-butyl Ether
Concen: 4.947 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

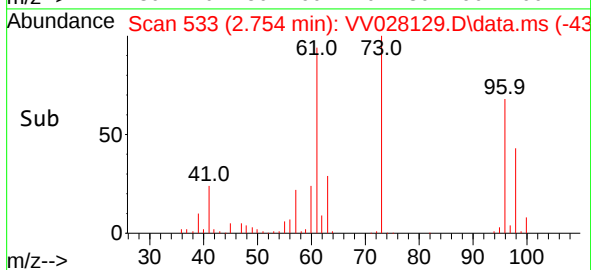
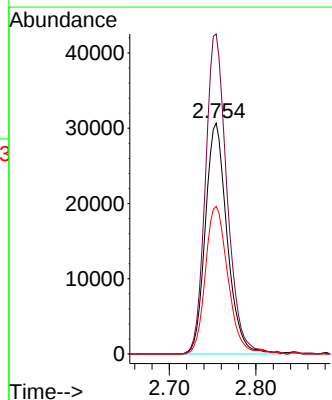
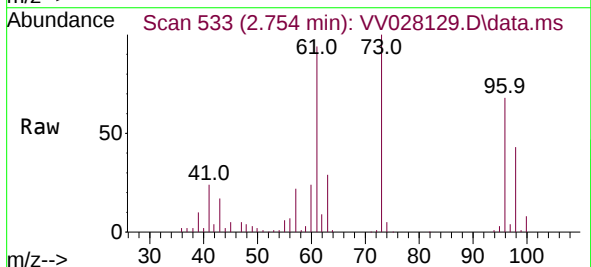
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

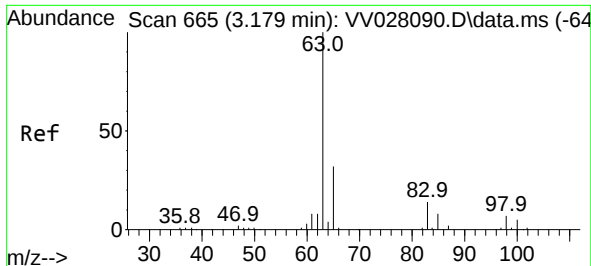
Tgt Ion: 73 Resp: 130284
Ion Ratio Lower Upper
73 100
43 18.3 15.7 23.5
57 22.3 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.003 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.006 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 96 Resp: 53613
Ion Ratio Lower Upper
96 100
61 138.7 96.2 178.6
98 64.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 5.059 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005305

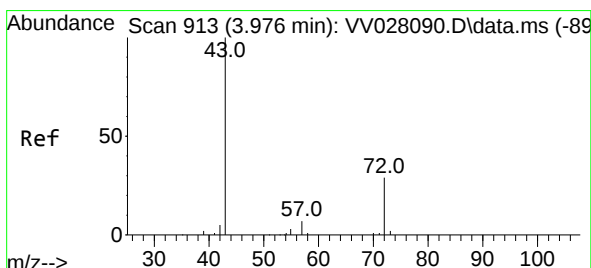
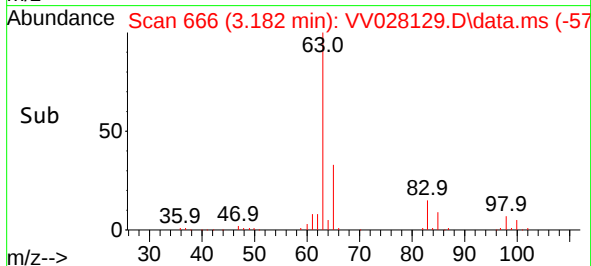
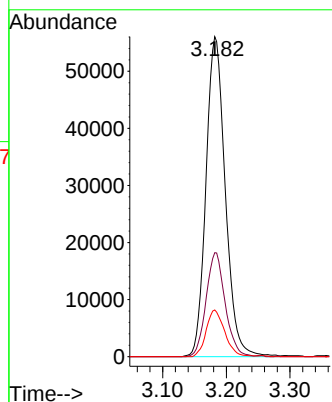
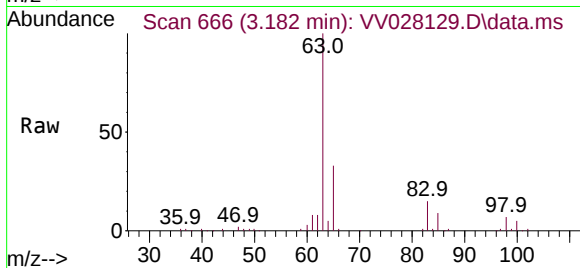
Tgt Ion: 63 Resp: 118265

Ion Ratio Lower Upper

63 100

65 32.5 23.0 42.8

83 14.6 9.2 17.2



#21

2-Butanone

Concen: 47.710 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.010 min

Lab File: VV028129.D

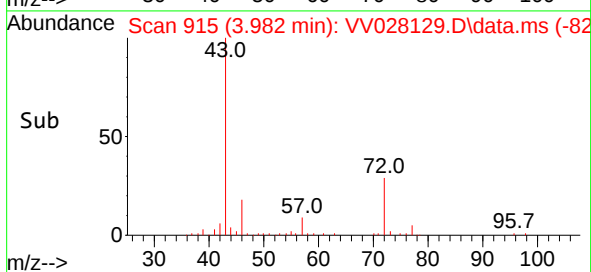
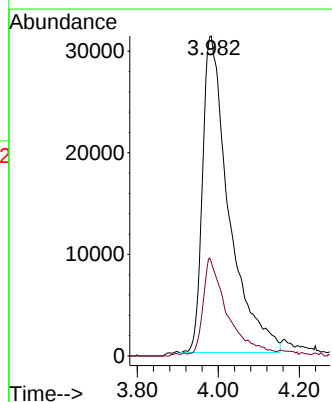
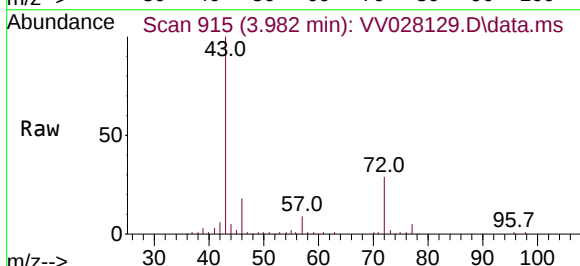
Acq: 27 Sep 2022 10:13

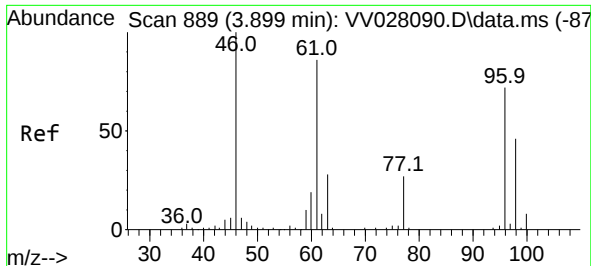
Tgt Ion: 43 Resp: 141060

Ion Ratio Lower Upper

43 100

72 25.9 12.7 38.1

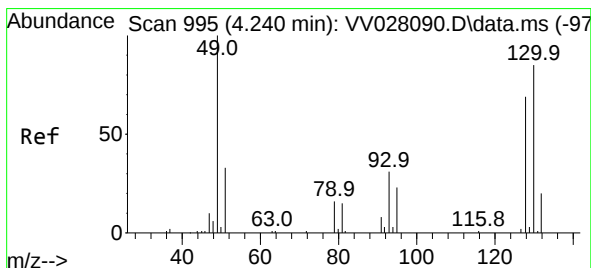
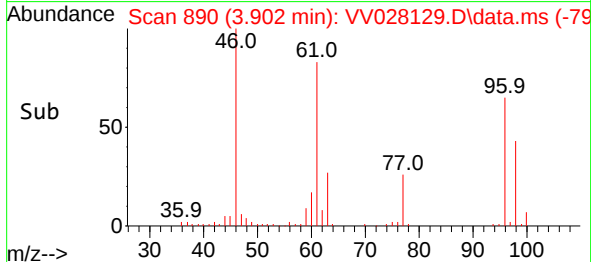
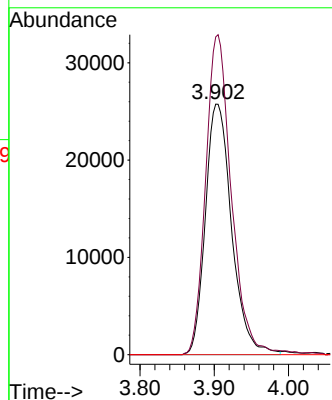
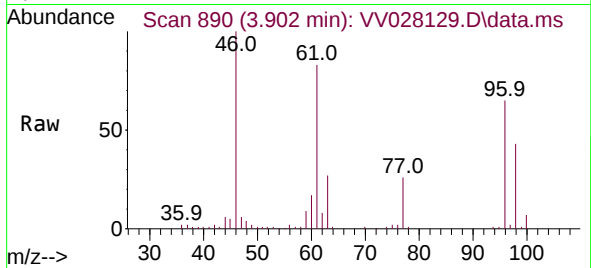




#22
 cis-1,2-Dichloroethene
 Concen: 4.504 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

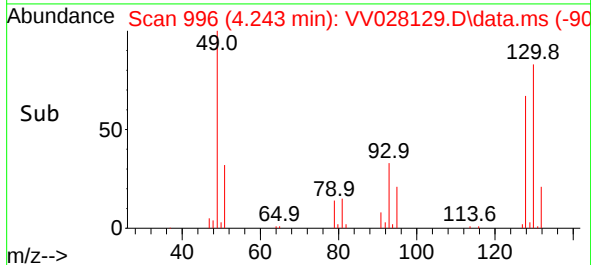
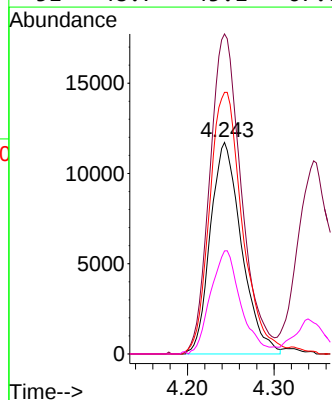
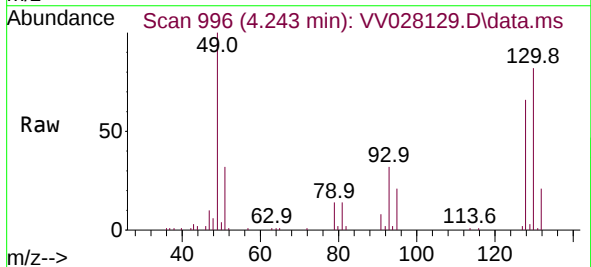
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

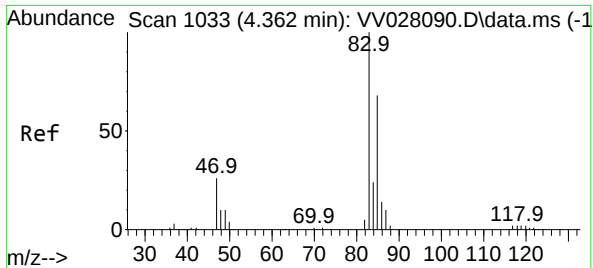
Tgt Ion: 96 Resp: 63339
 Ion Ratio Lower Upper
 96 100
 61 126.8 87.2 161.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.195 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV028129.D
 Acq: 27 Sep 2022 10:13

Tgt Ion: 128 Resp: 29249
 Ion Ratio Lower Upper
 128 100
 49 151.3 119.9 222.7
 130 123.7 94.6 175.8
 51 48.7 45.1 67.7





#25

Chloroform

Concen: 5.139 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

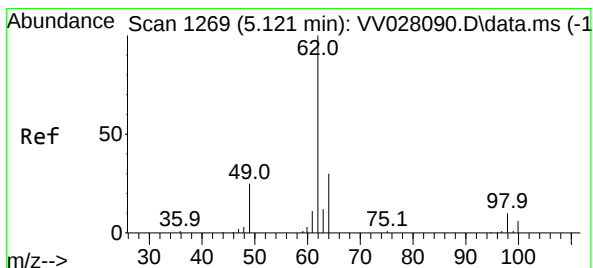
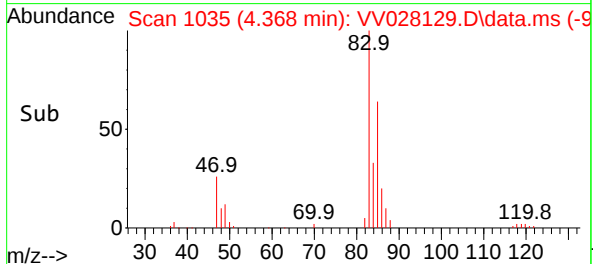
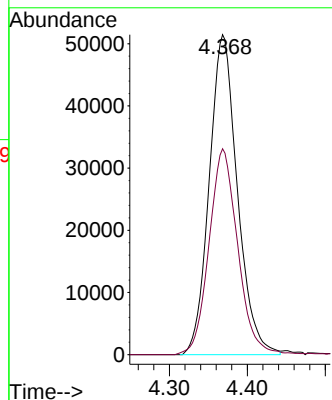
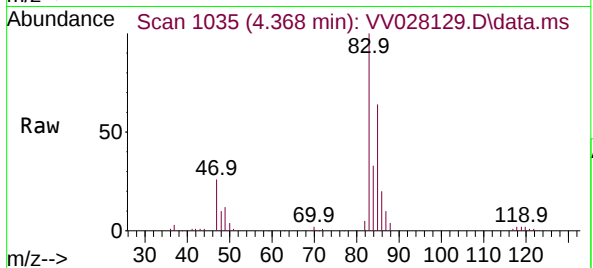
VSTD005305

Tgt Ion: 83 Resp: 128907

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.863 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV028129.D

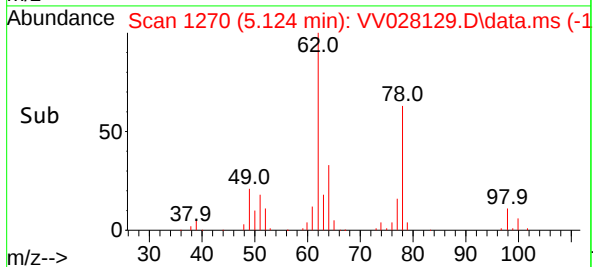
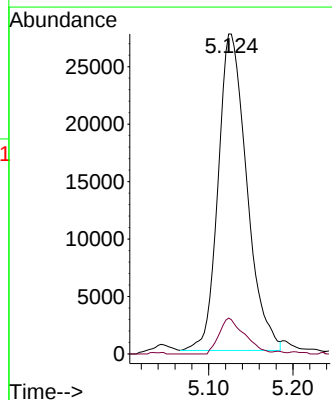
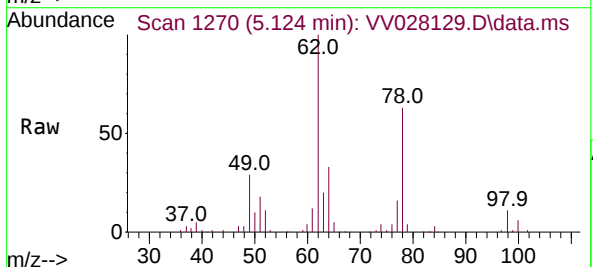
Acq: 27 Sep 2022 10:13

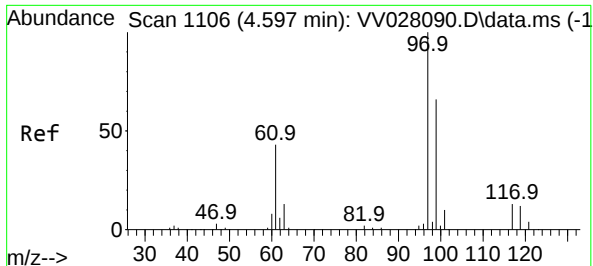
Tgt Ion: 62 Resp: 65048

Ion Ratio Lower Upper

62 100

98 11.2 6.7 10.1#





#29

1,1,1-Trichloroethane

Concen: 4.897 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005305

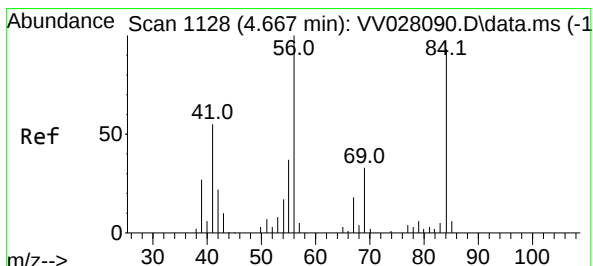
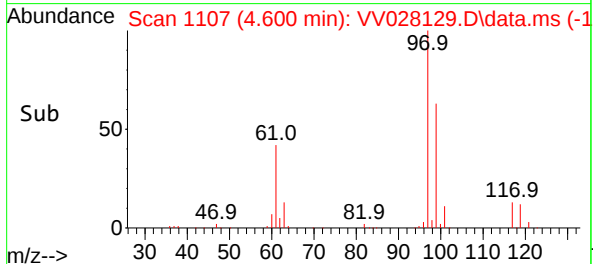
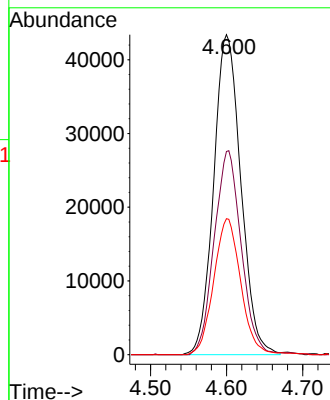
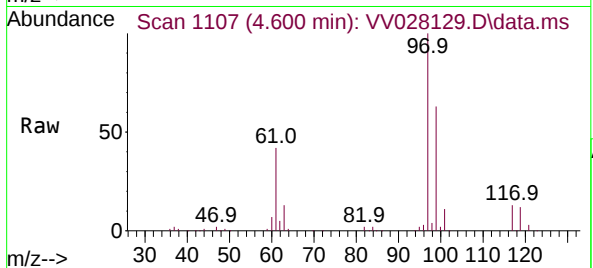
Tgt Ion: 97 Resp: 107940

Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 42.0 34.8 52.2



#30

Cyclohexane

Concen: 4.547 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

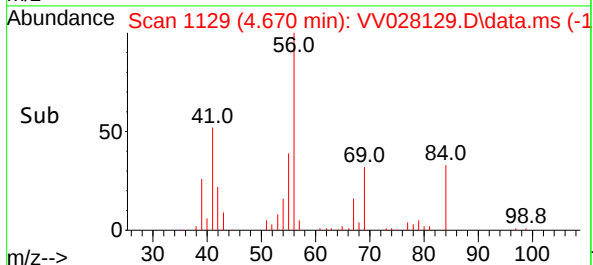
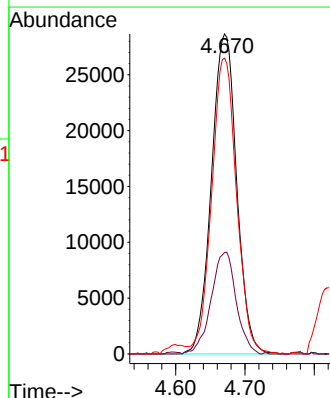
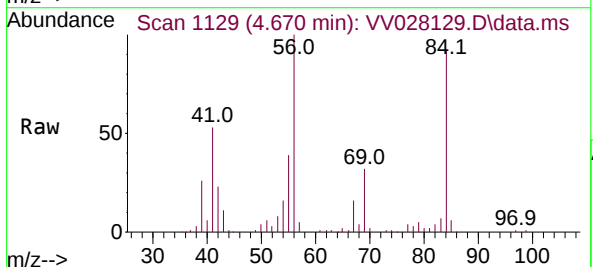
Tgt Ion: 56 Resp: 72496

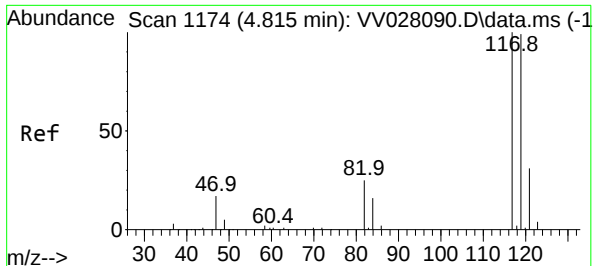
Ion Ratio Lower Upper

56 100

69 31.6 23.7 35.5

84 91.3 67.3 100.9

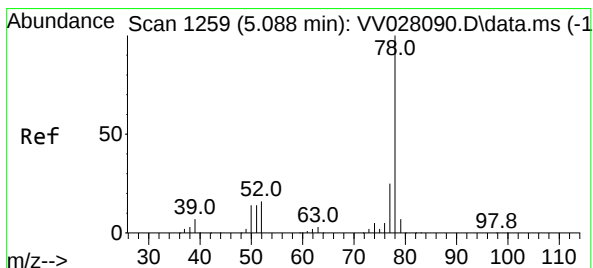
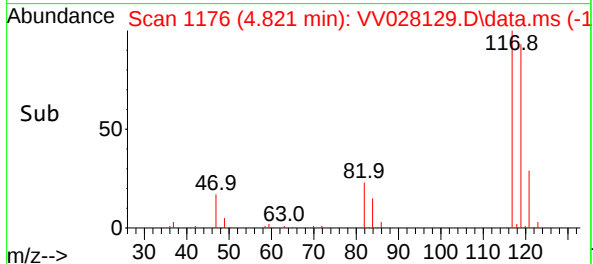
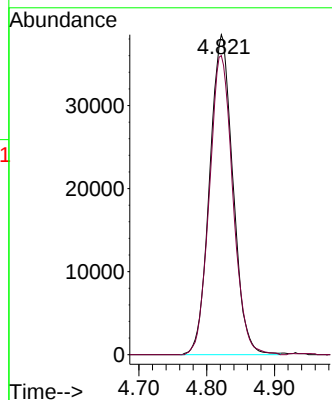
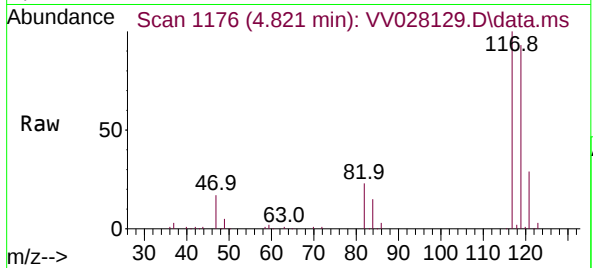




#31
Carbon tetrachloride
Concen: 5.071 ug/L
RT: 4.821 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

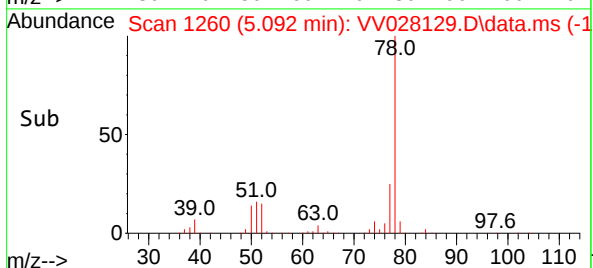
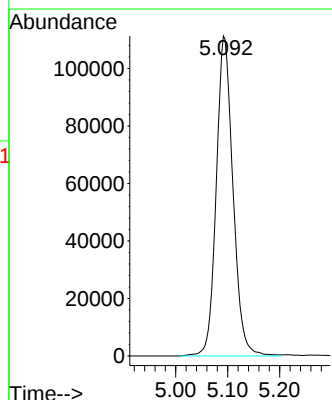
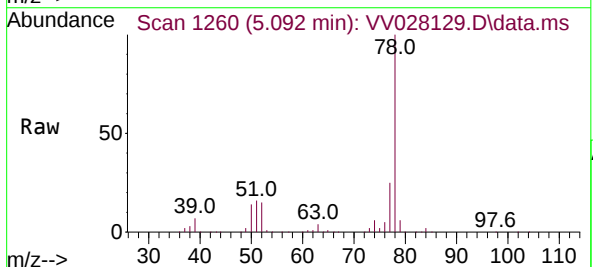
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

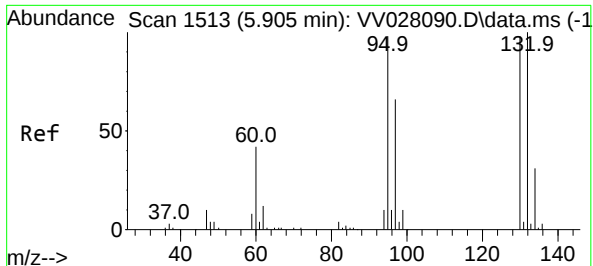
Tgt Ion:117 Resp: 91987
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 4.992 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 78 Resp: 248693



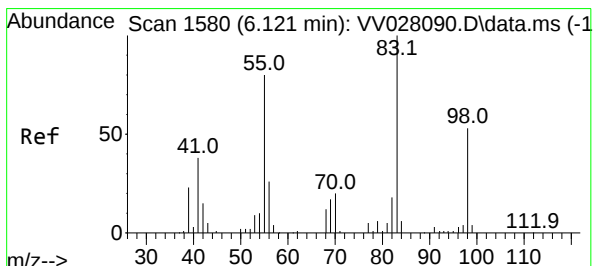
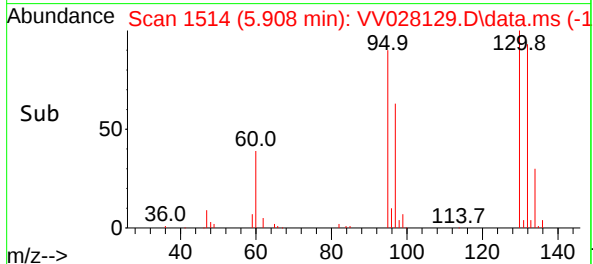
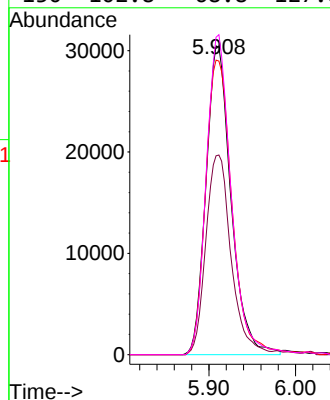
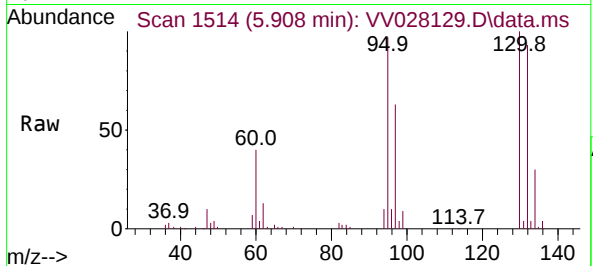


#34
Trichloroethene
Concen: 4.938 ug/L
RT: 5.908 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

Tgt Ion: 95 Resp: 61234

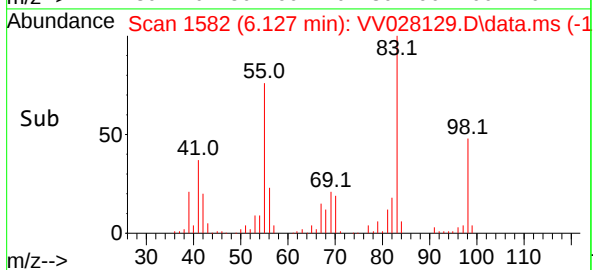
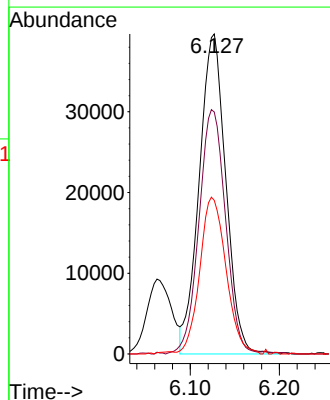
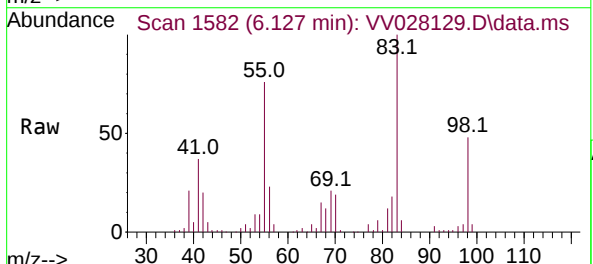
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.2	82.0
132	95.4	67.8	126.0
130	102.8	68.8	127.8

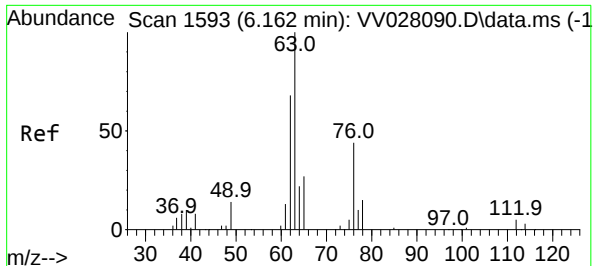


#35
Methylcyclohexane
Concen: 4.838 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 83 Resp: 82276

Ion	Ratio	Lower	Upper
83	100		
55	76.3	64.7	97.1
98	48.4	39.5	59.3





#37

1,2-Dichloropropane

Concen: 4.748 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

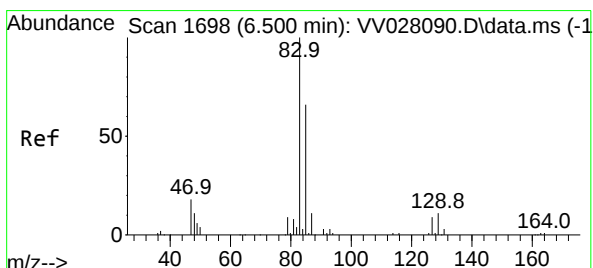
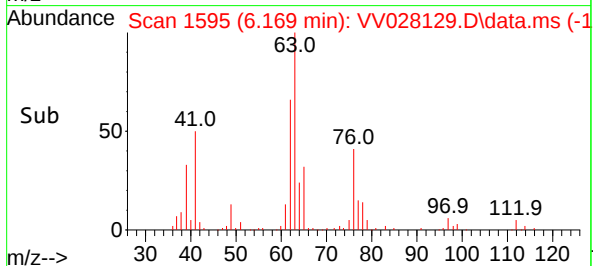
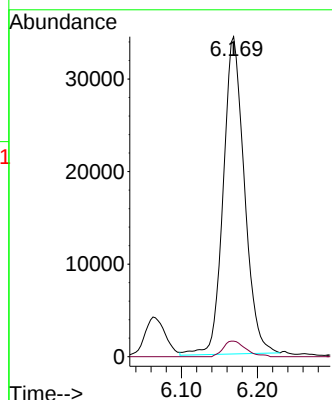
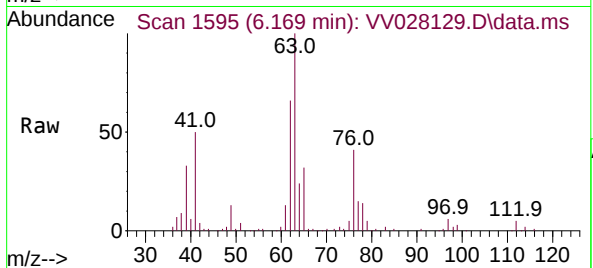
VSTD005305

Tgt Ion: 63 Resp: 66313

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 5.134 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

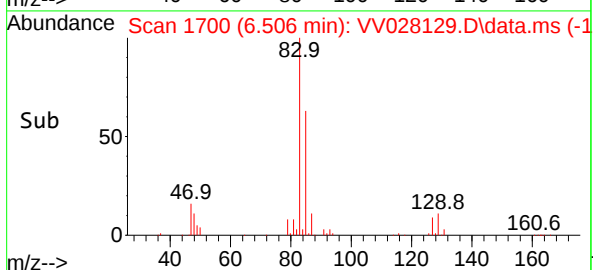
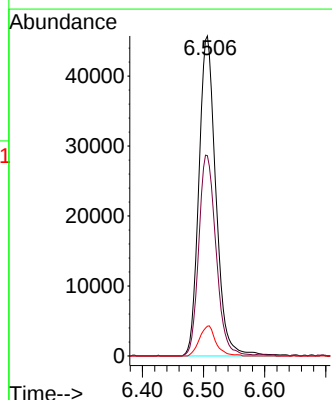
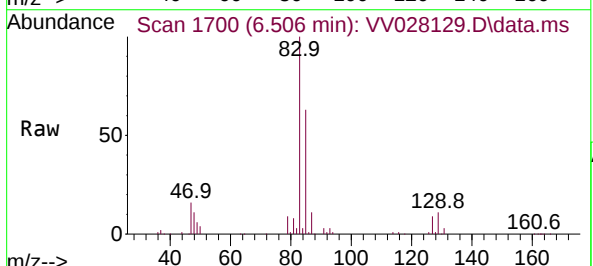
Tgt Ion: 83 Resp: 88528

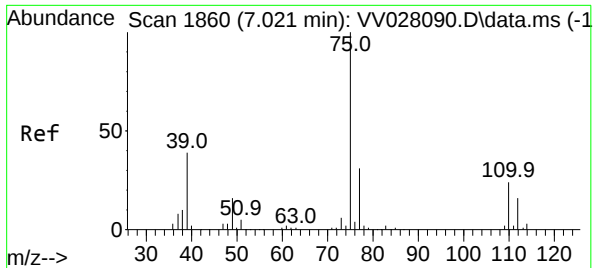
Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4

127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.977 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

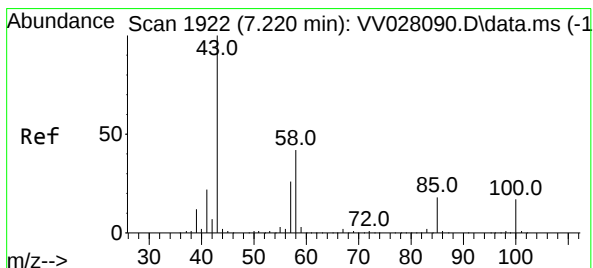
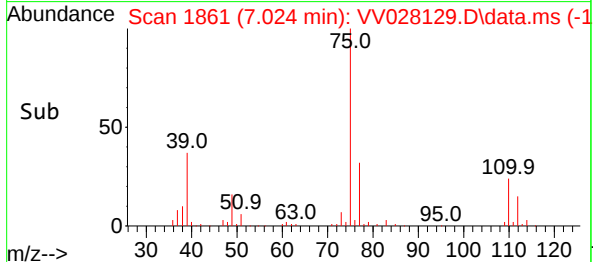
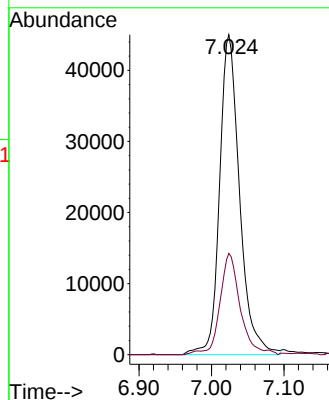
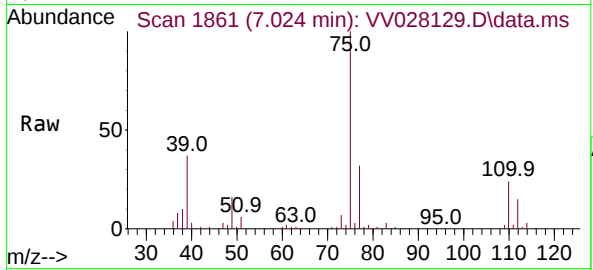
VSTD005305

Tgt Ion: 75 Resp: 86339

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.464 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

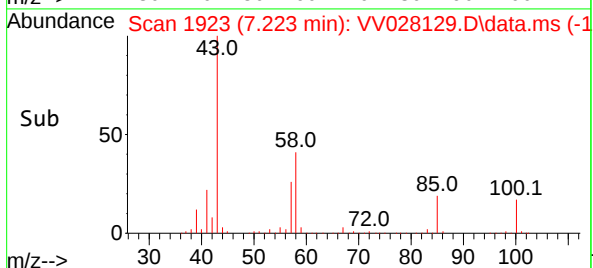
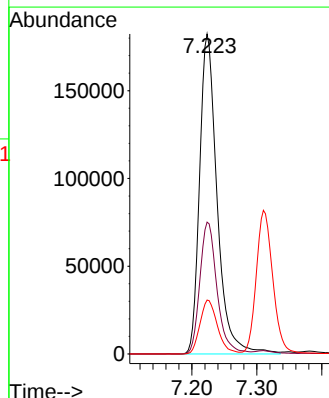
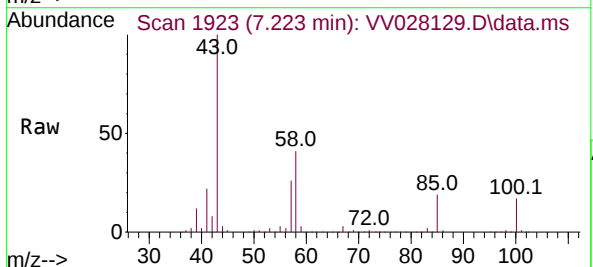
Tgt Ion: 43 Resp: 342248

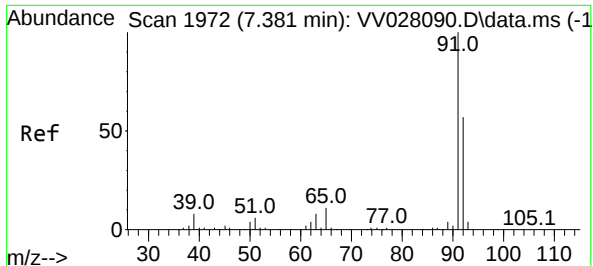
Ion Ratio Lower Upper

43 100

58 40.5 32.2 48.4

100 16.8 12.7 19.1

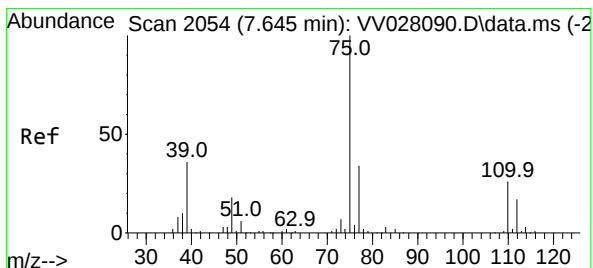
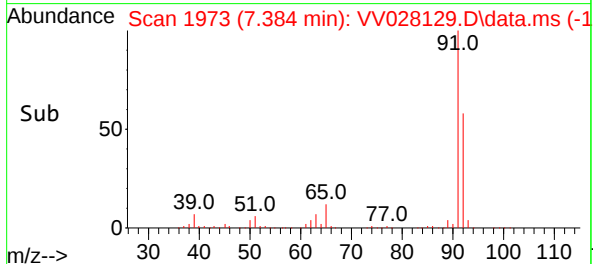
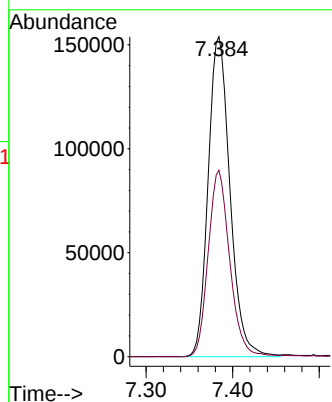
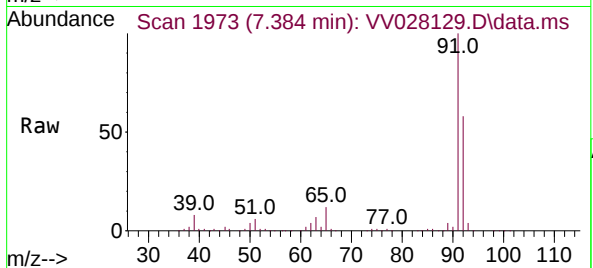




#42
Toluene
Concen: 5.191 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

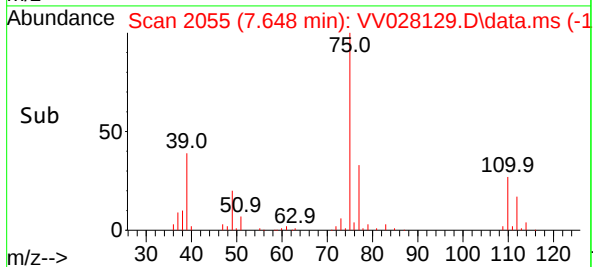
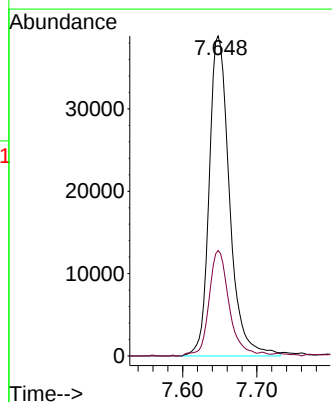
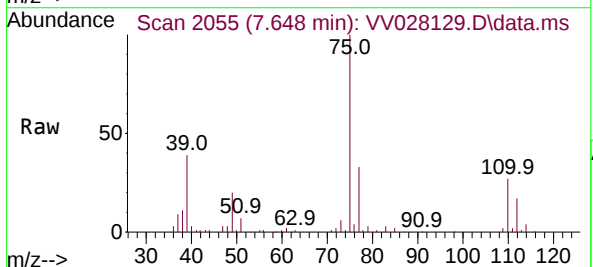
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

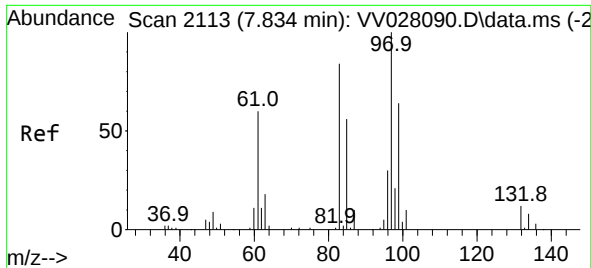
Tgt Ion: 91 Resp: 269756
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 4.948 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 75 Resp: 73823
Ion Ratio Lower Upper
75 100
77 33.0 23.9 44.3

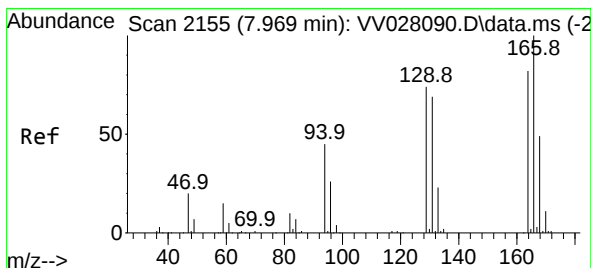
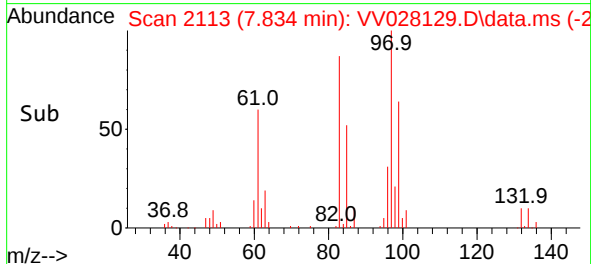
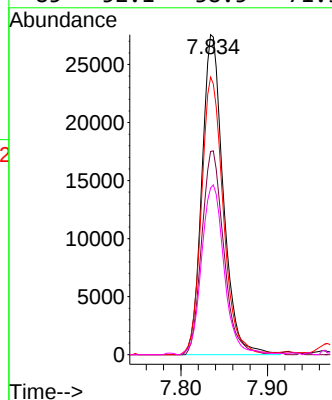
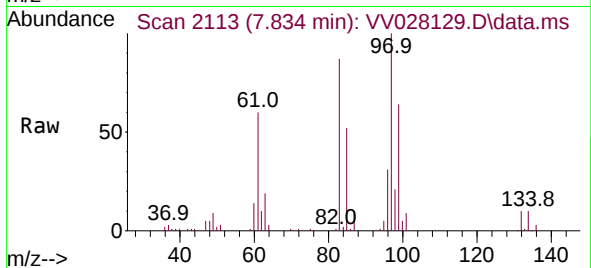




#45
1,1,2-Trichloroethane
Concen: 5.048 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

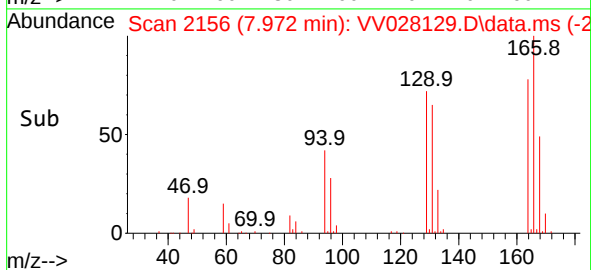
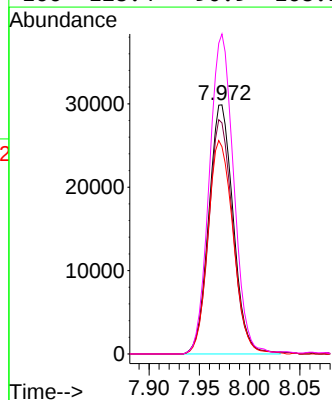
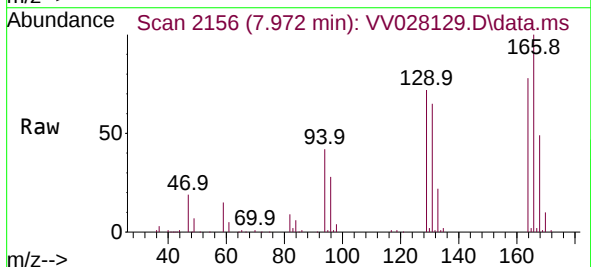
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

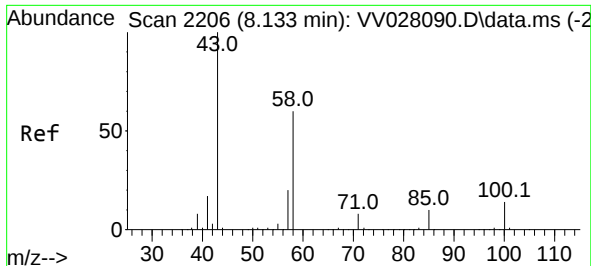
Tgt Ion:	97	Resp:	47253
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.2	80.2
83	86.7	59.1	109.9
85	52.1	38.5	71.5



#47
Tetrachloroethene
Concen: 5.117 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion:	164	Resp:	50652
Ion	Ratio	Lower	Upper
164	100		
129	92.7	66.7	123.9
131	83.1	61.7	114.5
166	128.4	90.9	168.9

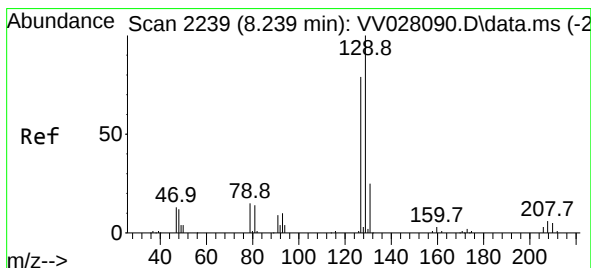
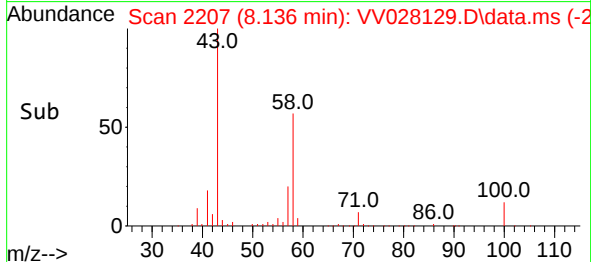
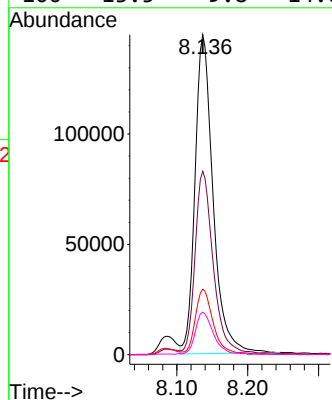
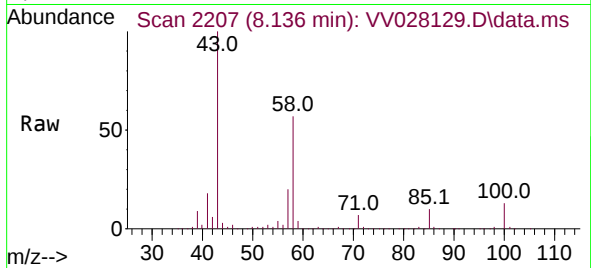




#48
2-Hexanone
Concen: 49.759 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

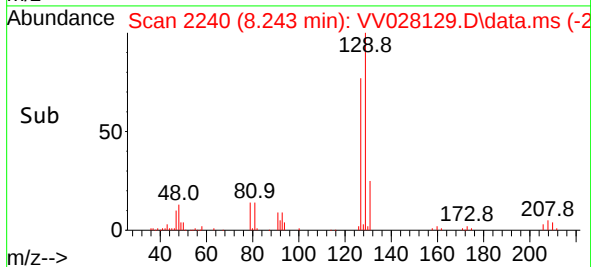
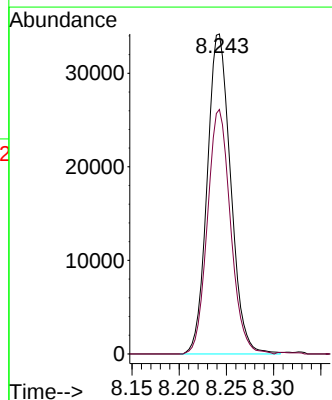
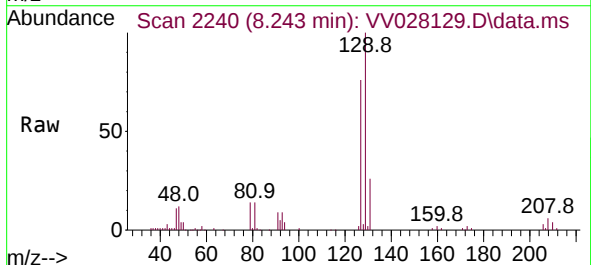
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

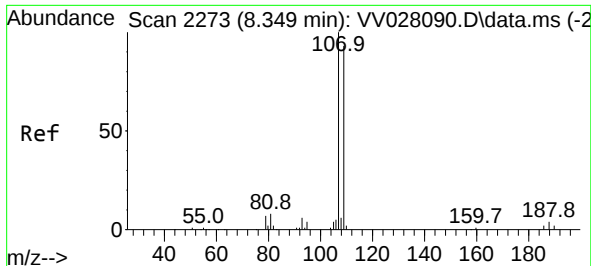
Tgt Ion: 43 Resp: 256189
Ion Ratio Lower Upper
43 100
58 57.1 45.7 68.5
57 20.0 15.5 23.3
100 13.5 9.8 14.6



#49
Dibromochloromethane
Concen: 5.244 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 129 Resp: 59030
Ion Ratio Lower Upper
129 100
127 76.4 54.3 100.9

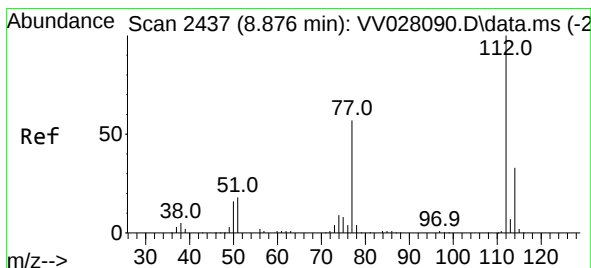
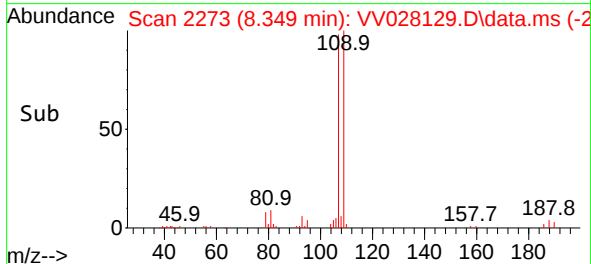
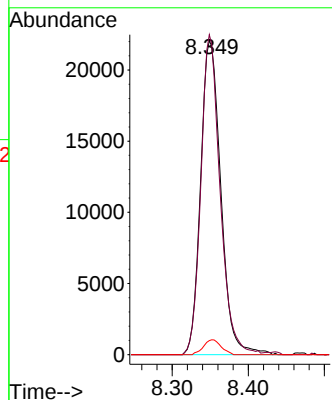
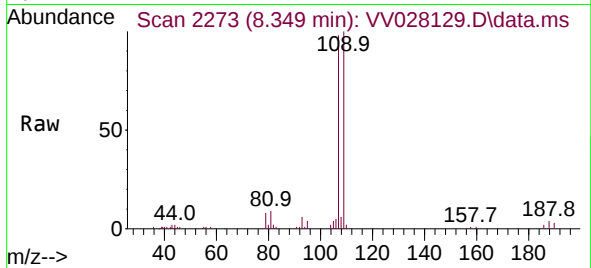




#50
1,2-Dibromoethane
Concen: 5.009 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

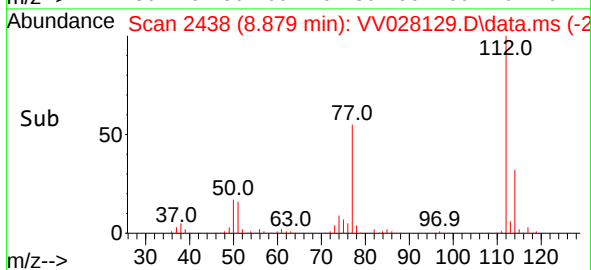
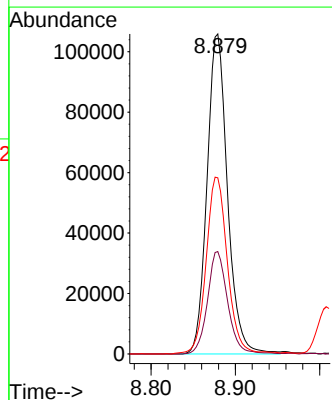
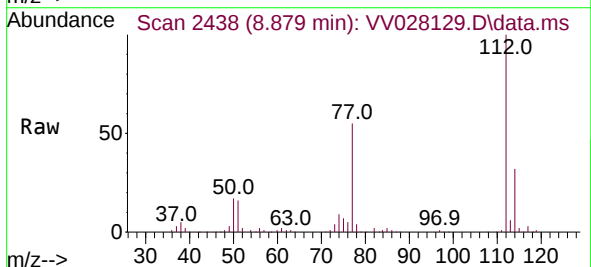
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

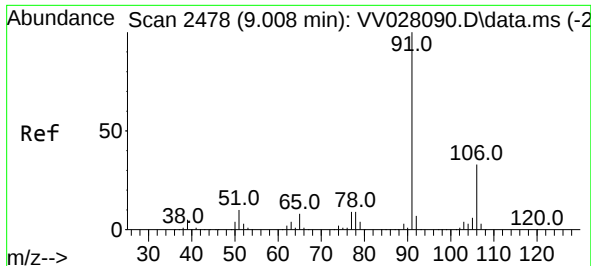
Tgt Ion:107 Resp: 40754
Ion Ratio Lower Upper
107 100
109 101.8 65.9 122.5
188 4.5 3.4 5.0



#51
Chlorobenzene
Concen: 5.136 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion:112 Resp: 179002
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 55.0 46.1 69.1

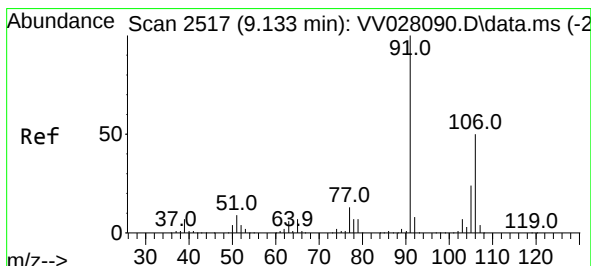
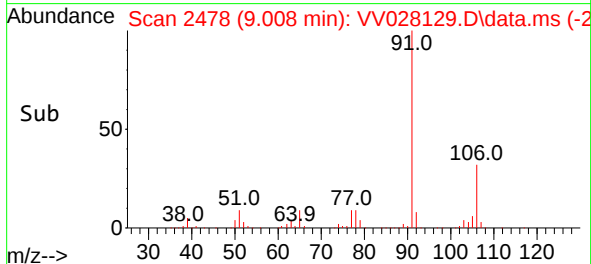
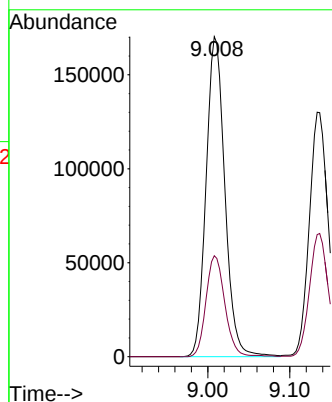
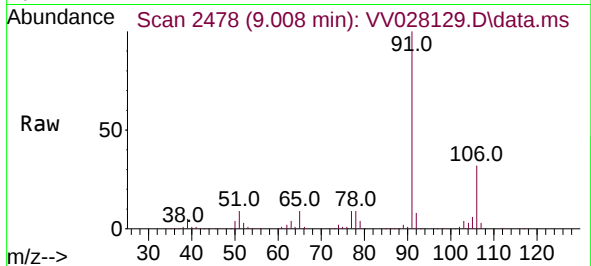




#52
Ethylbenzene
Concen: 4.922 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

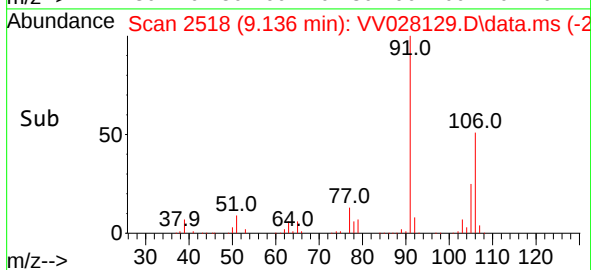
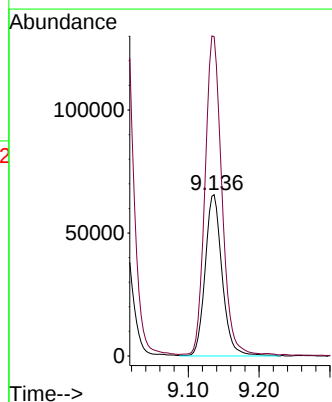
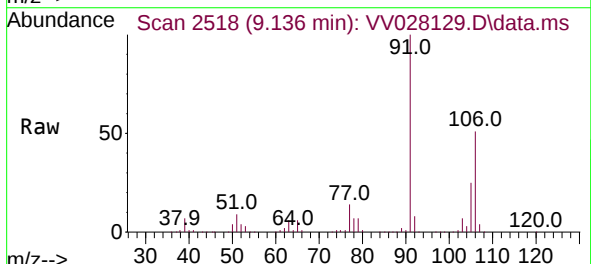
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

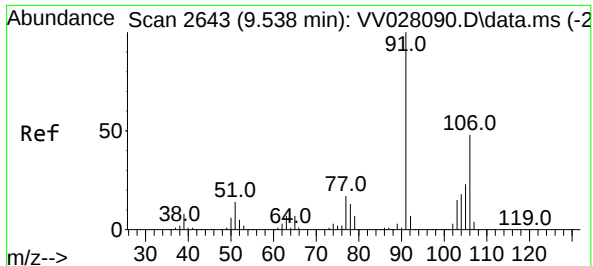
Tgt Ion: 91 Resp: 270577
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 5.181 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 106 Resp: 109150
Ion Ratio Lower Upper
106 100
91 198.0 141.9 263.5

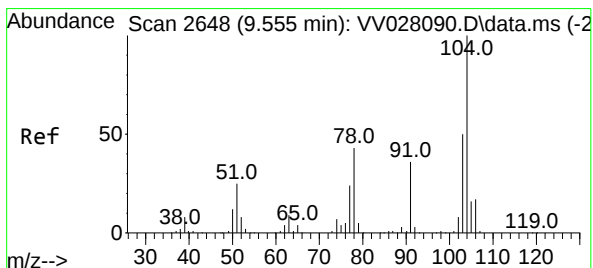
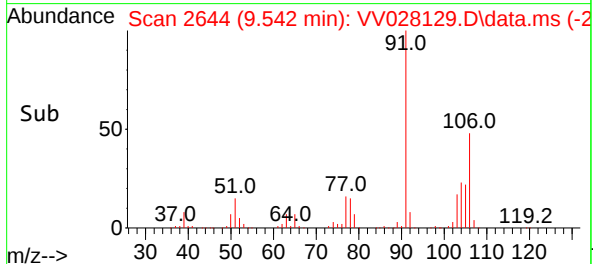
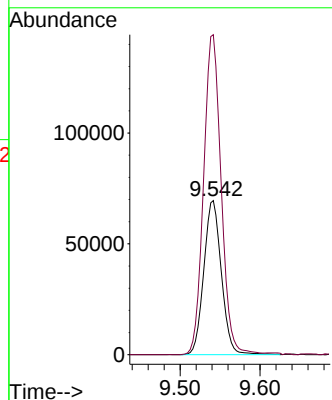
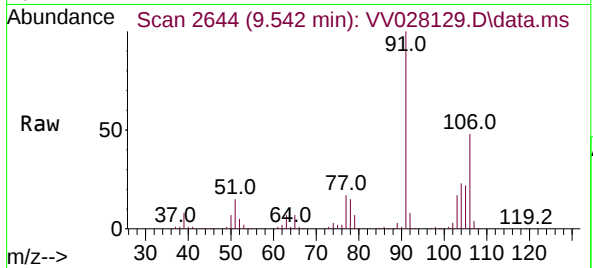




#54
o-Xylene
Concen: 5.117 ug/L
RT: 9.542 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

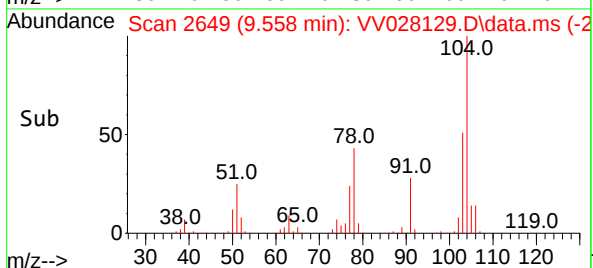
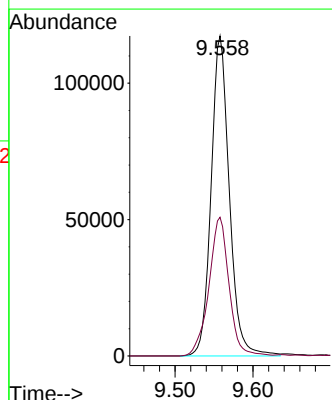
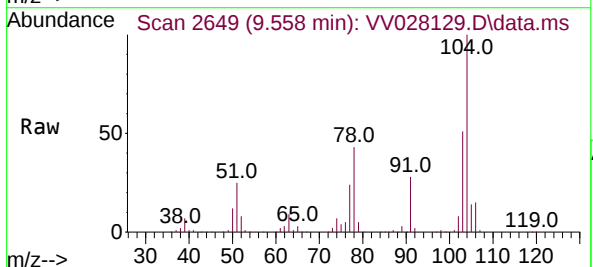
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

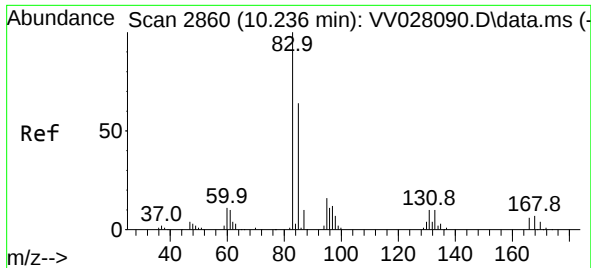
Tgt Ion:106 Resp: 106469
Ion Ratio Lower Upper
106 100
91 207.7 148.1 275.0



#55
Styrene
Concen: 5.287 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion:104 Resp: 190614
Ion Ratio Lower Upper
104 100
78 43.3 31.0 57.6

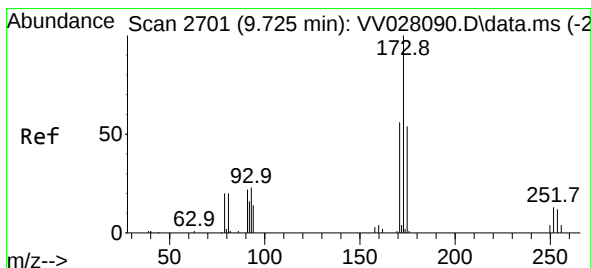
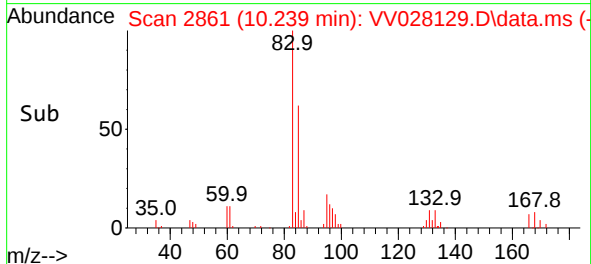
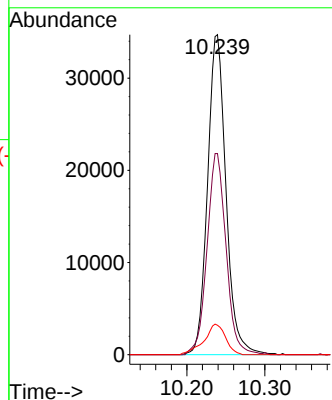
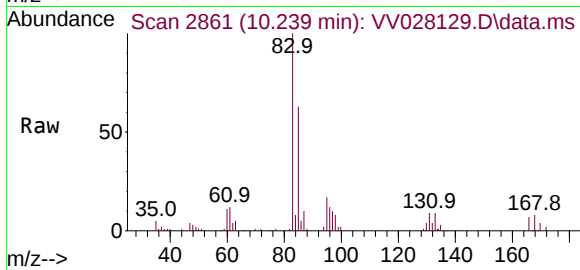




#57
1,1,2,2-Tetrachloroethane
Concen: 5.239 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

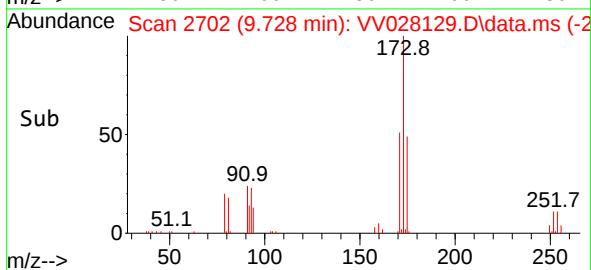
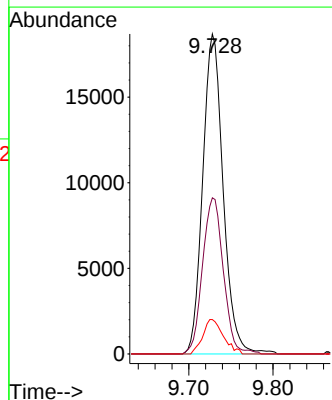
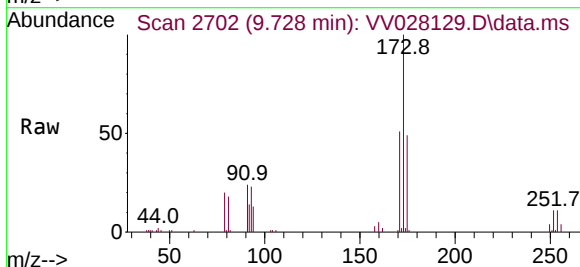
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

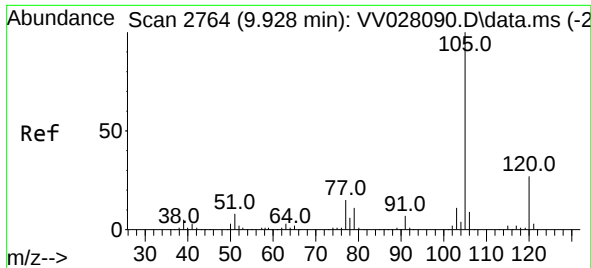
Tgt Ion: 83 Resp: 57147
Ion Ratio Lower Upper
83 100
85 62.9 45.2 84.0
131 9.2 7.8 11.8



#59
Bromoform
Concen: 5.054 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 173 Resp: 31606
Ion Ratio Lower Upper
173 100
175 49.7 39.0 58.4
254 10.8 8.7 13.1

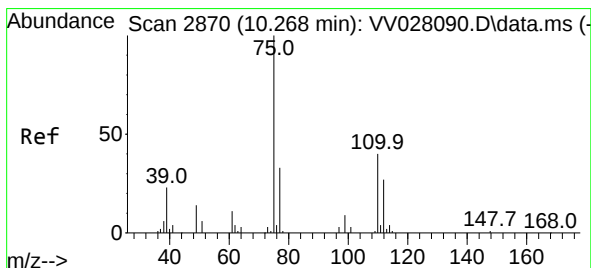
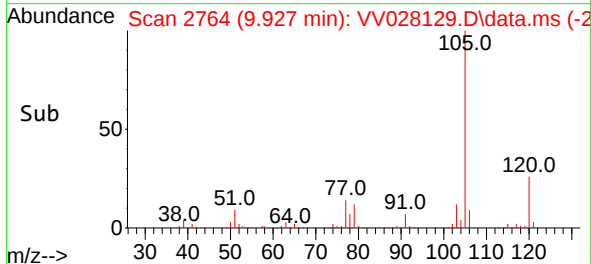
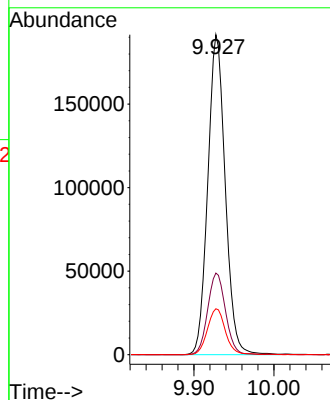
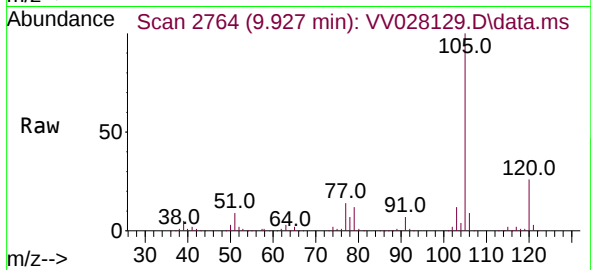




#60
Isopropylbenzene
Concen: 5.023 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

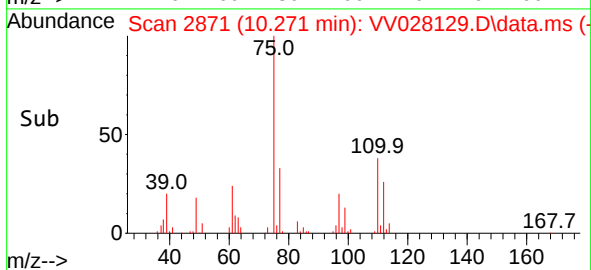
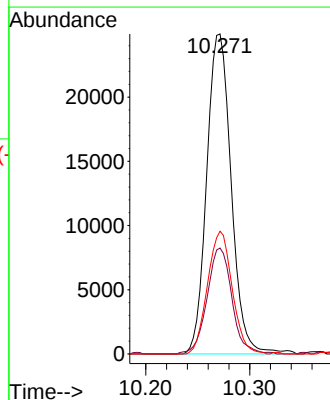
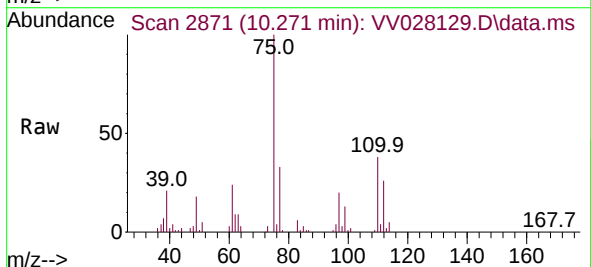
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

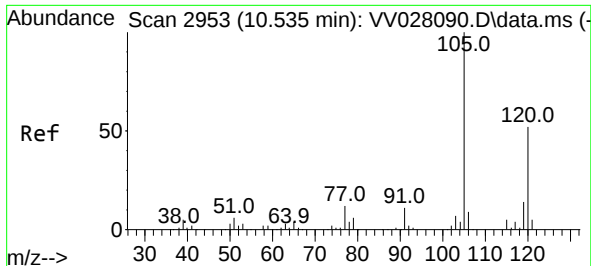
Tgt Ion:105 Resp: 290456
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.927 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 75 Resp: 40706
Ion Ratio Lower Upper
75 100
77 33.7 26.7 40.1
110 38.6 30.1 45.1





#62

1,3,5-Trimethylbenzene

Concen: 4.708 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

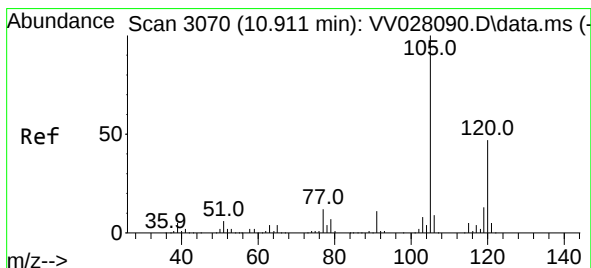
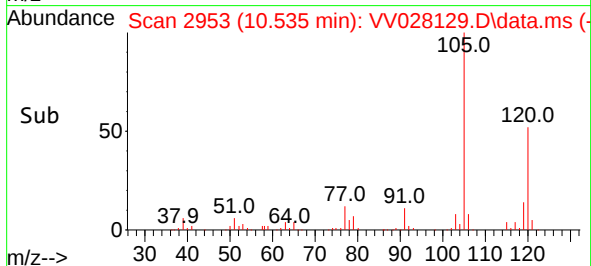
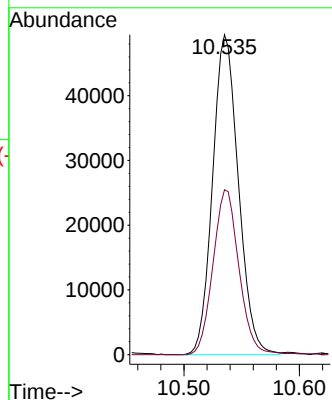
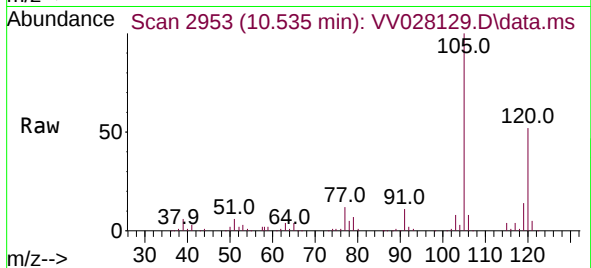
VSTD005305

Tgt Ion:105 Resp: 76681

Ion Ratio Lower Upper

105 100

120 51.9 40.6 61.0



#63

1,2,4-Trimethylbenzene

Concen: 4.792 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV028129.D

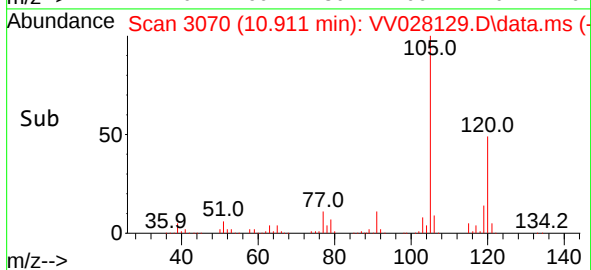
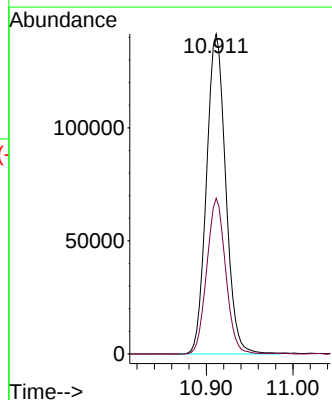
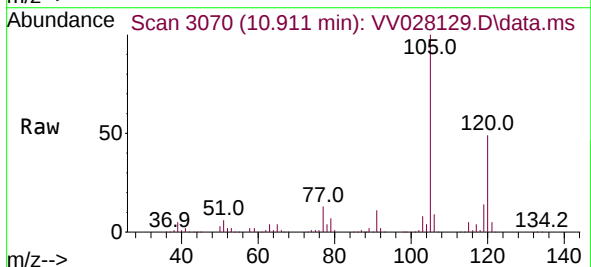
Acq: 27 Sep 2022 10:13

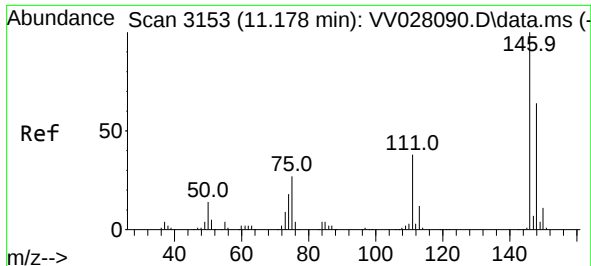
Tgt Ion:105 Resp: 218179

Ion Ratio Lower Upper

105 100

120 47.8 37.8 56.8

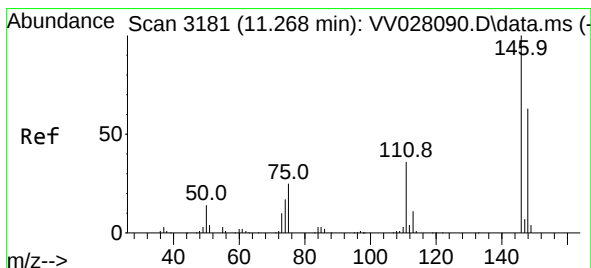
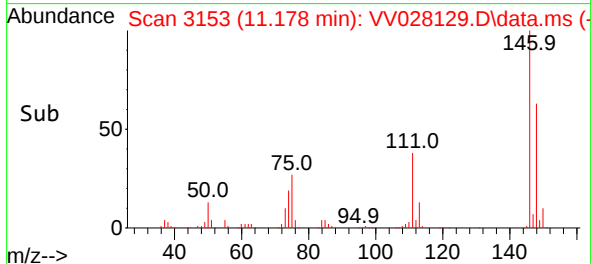
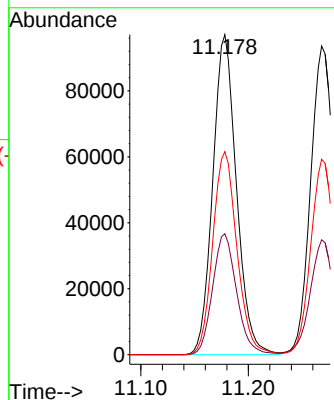
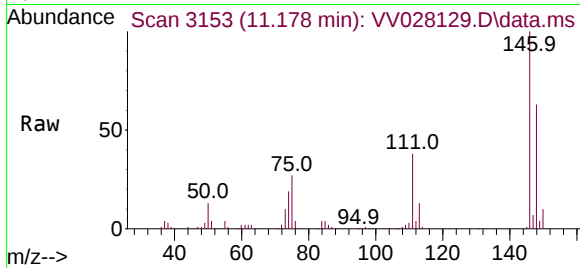




#64
1,3-Dichlorobenzene
Concen: 5.161 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

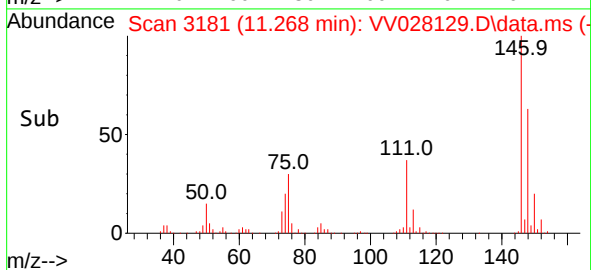
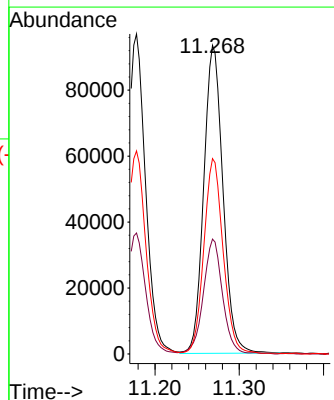
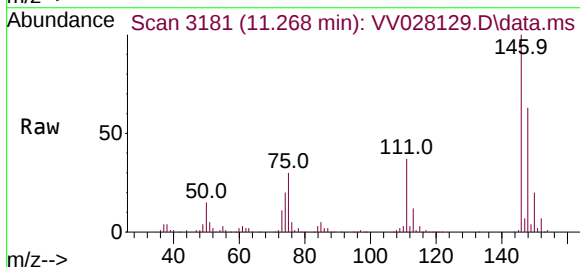
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

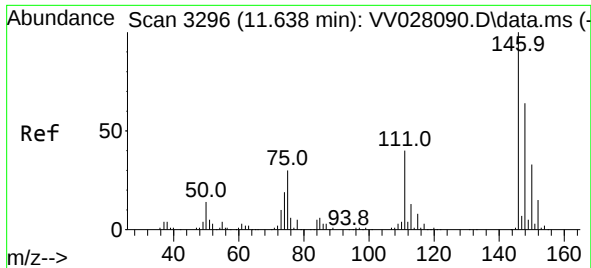
Tgt Ion:146 Resp: 148481
Ion Ratio Lower Upper
146 100
111 37.8 27.1 50.3
148 63.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 5.155 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion:146 Resp: 148391
Ion Ratio Lower Upper
146 100
111 37.2 26.2 48.8
148 63.3 45.8 85.2

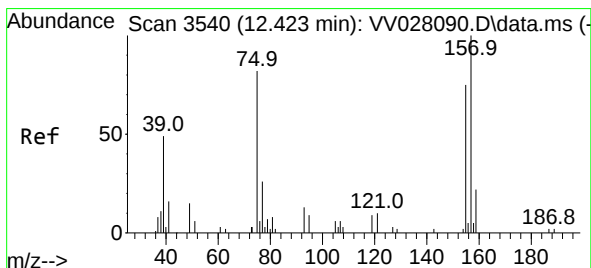
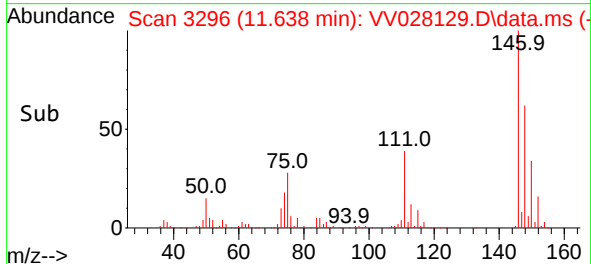
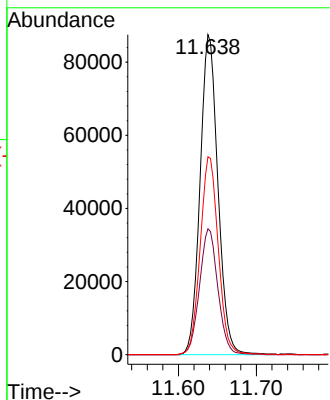
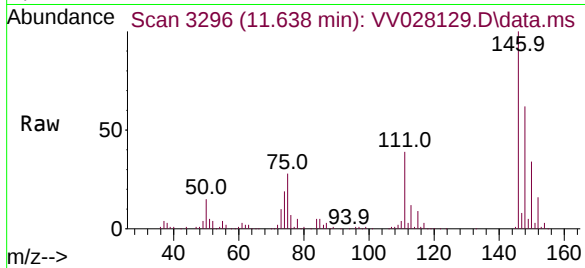




#67
1,2-Dichlorobenzene
Concen: 5.125 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.000 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

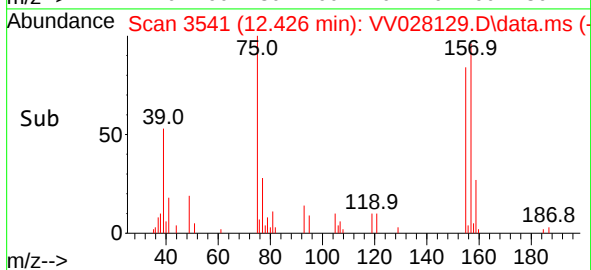
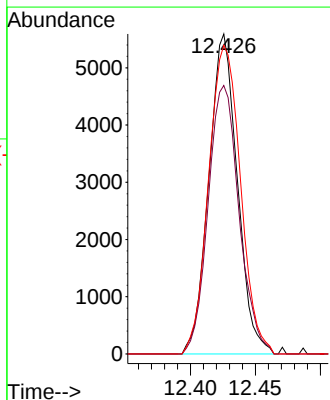
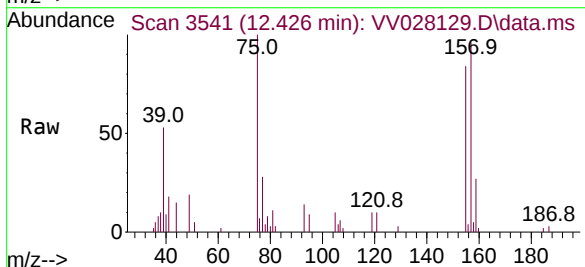
Instrument :
MSVOA_V
ClientSampleId :
VSTD005305

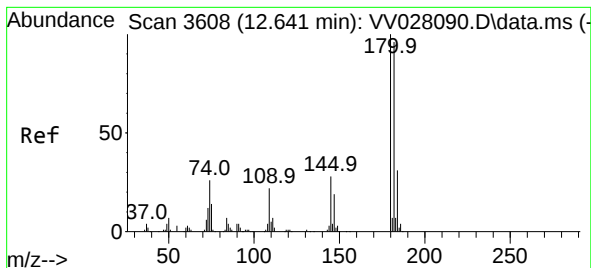
Tgt Ion:146 Resp: 139301
Ion Ratio Lower Upper
146 100
111 39.3 32.6 49.0
148 61.9 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.709 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV028129.D
Acq: 27 Sep 2022 10:13

Tgt Ion: 75 Resp: 8527
Ion Ratio Lower Upper
75 100
155 83.9 73.6 110.4
157 96.4 90.7 136.1





#69

1,3,5-Trichlorobenzene

Concen: 5.075 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005305

Tgt Ion:180 Resp: 115565

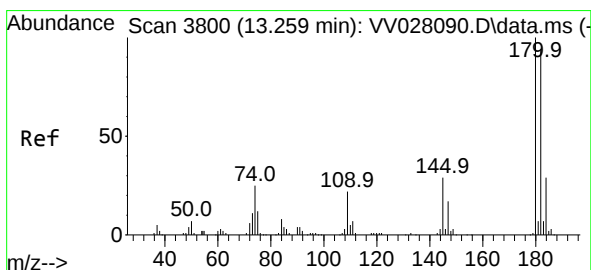
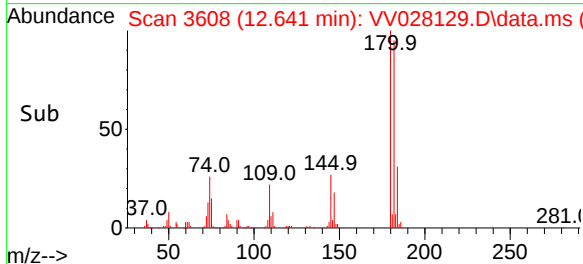
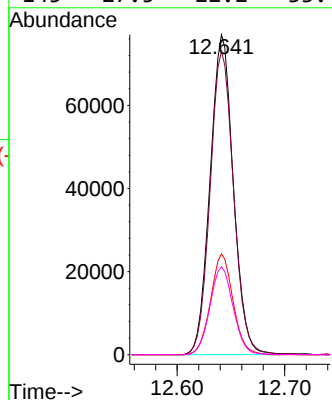
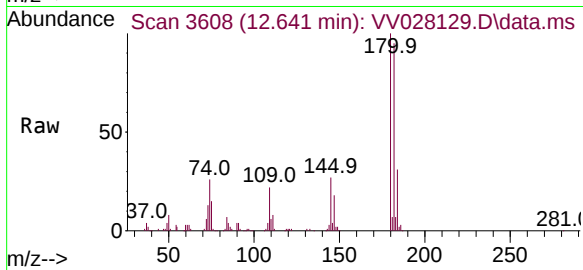
Ion Ratio Lower Upper

180 100

182 95.6 75.5 113.3

184 30.4 23.7 35.5

145 27.5 22.2 33.4



#70

1,2,4-trichlorobenzene

Concen: 4.867 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

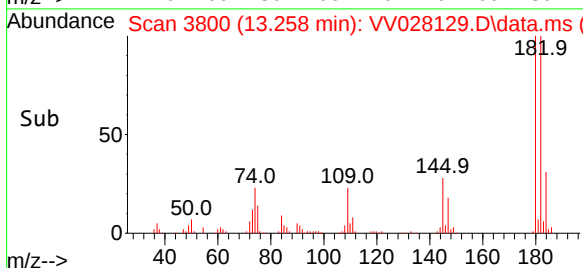
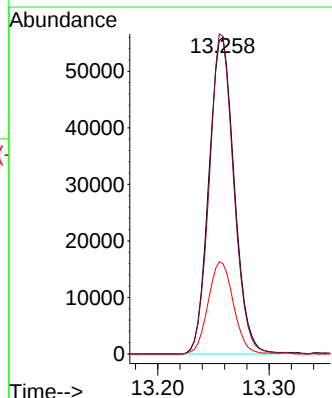
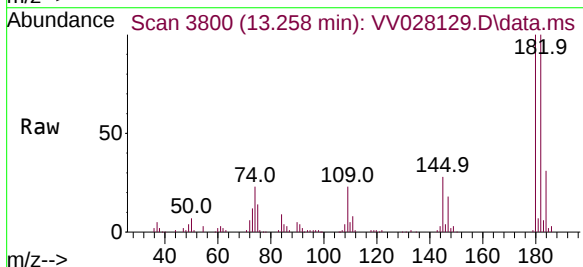
Tgt Ion:180 Resp: 88641

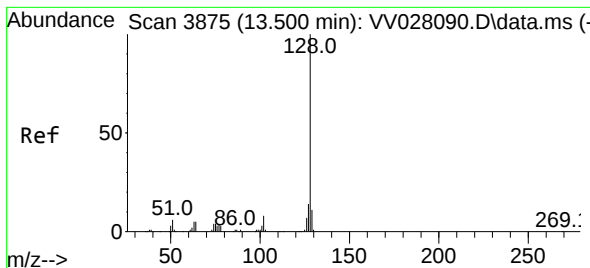
Ion Ratio Lower Upper

180 100

182 97.5 76.3 114.5

145 29.0 22.9 34.3





#71

Naphthalene

Concen: 4.244 ug/L

RT: 13.496 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005305

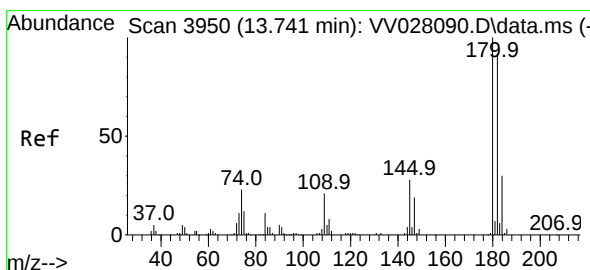
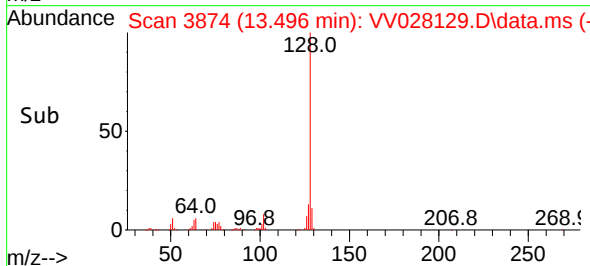
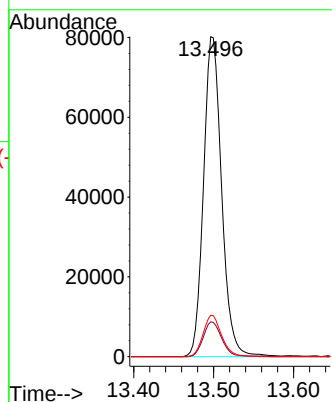
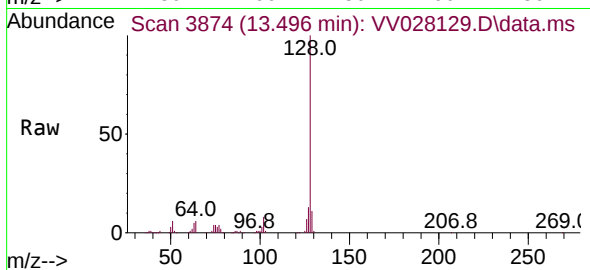
Tgt Ion:128 Resp: 126563

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: 4.857 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. -0.000 min

Lab File: VV028129.D

Acq: 27 Sep 2022 10:13

Tgt Ion:180 Resp: 80007

Ion Ratio Lower Upper

180 100

182 95.6 77.4 116.0

145 30.5 24.6 36.8

