

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029185.D
 Acq On : 19 Nov 2022 20:57
 Operator : SY/MD
 Sample : N5680-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MS

Quant Time: Nov 20 01:02:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	308923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	148726	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	99683	5.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.568	69	78885	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.108	63	156092	4.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.902	46	318185	100.926	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	201.860%#
24) Chloroform-d	4.346	84	191082	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.030	65	96941	5.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.050	84	376803	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.069	67	116893	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	331872	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.619	79	43453	5.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.400%
46) 2-Hexanone-d5	8.085	63	341040	103.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	206.820%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	115957	7.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	141.200%#
66) 1,2-Dichlorobenzene-d4	11.615	152	135332	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	92453	3.590	ug/L	99
3) Chloromethane	1.240	50	117556	5.500	ug/L	99
5) Vinyl chloride	1.310	62	110919	4.550	ug/L	96
6) Bromomethane	1.523	94	58765	4.033	ug/L	97
8) Chloroethane	1.584	64	75277	5.255	ug/L	94
9) Trichlorofluoromethane	1.751	101	131619	4.004	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	70371	3.781	ug/L	98
12) 1,1-Dichloroethene	2.117	96	85388	4.566	ug/L	99
13) Acetone	2.198	43	155442	76.648	ug/L	87
14) Carbon disulfide	2.291	76	235595	3.548	ug/L	99
15) Methyl Acetate	2.442	43	39733	8.073	ug/L	98
16) Methylene chloride	2.506	84	114500	4.735	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	300802	7.502	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	97492	4.495	ug/L	98
19) 1,1-Dichloroethane	3.188	63	182600	5.150	ug/L	99
21) 2-Butanone	3.982	43	323257	102.955	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	118553	5.376	ug/L #	82
23) Bromochloromethane	4.249	128	56529	6.062	ug/L	93
25) Chloroform	4.371	83	190515	5.125	ug/L	98

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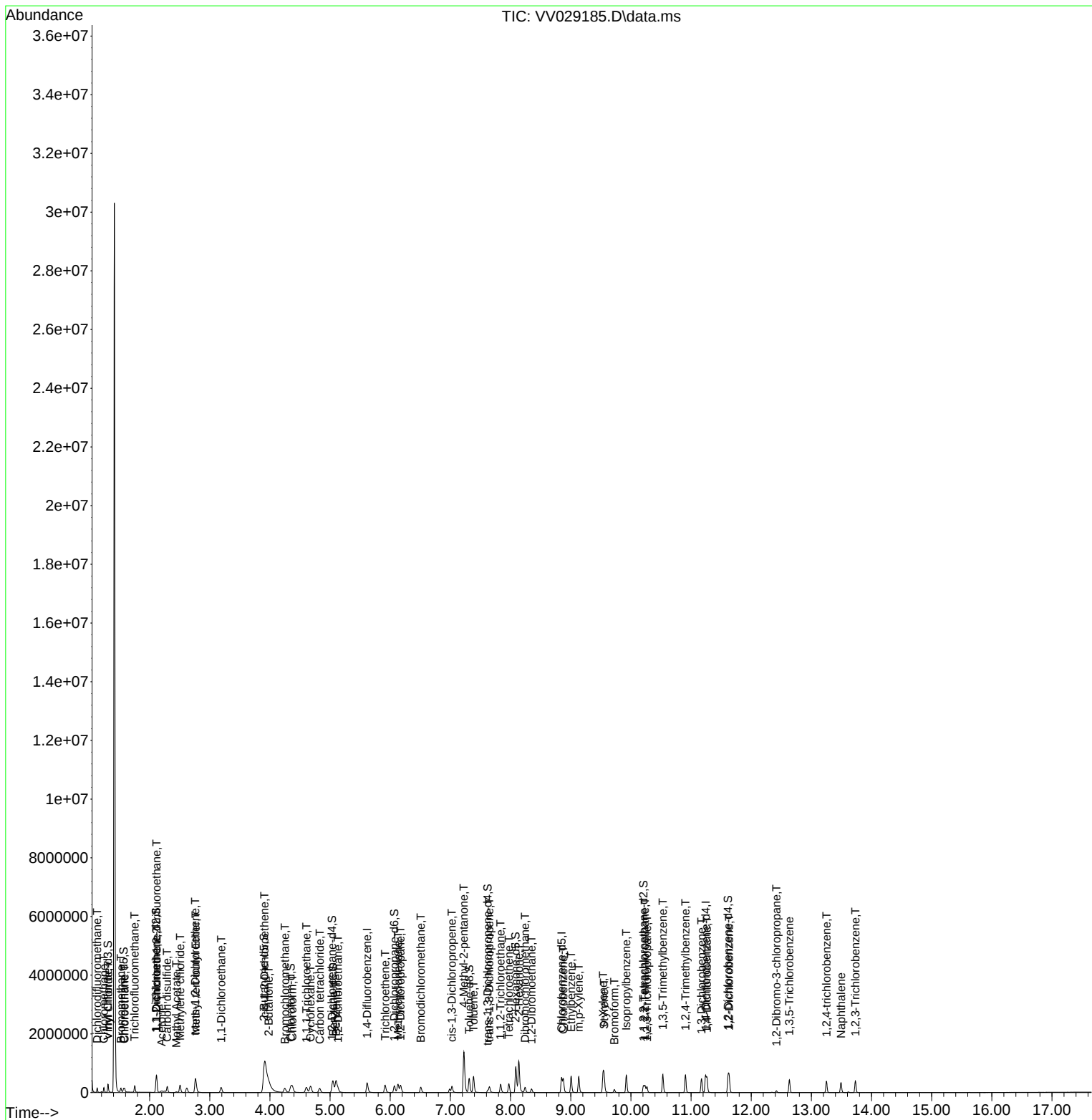
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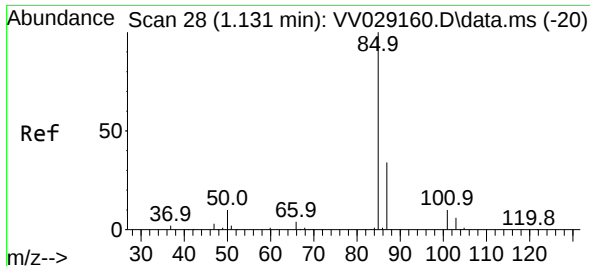
Quant Time: Nov 20 01:02:15 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124511	6.504	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	142534	4.274	ug/L	99
30) Cyclohexane	4.674	56	118469	3.495	ug/L	97
31) Carbon tetrachloride	4.828	117	109347	3.807	ug/L	99
33) Benzene	5.098	78	417955	4.812	ug/L	100
34) Trichloroethene	5.915	95	95578	4.299	ug/L	99
35) Methylcyclohexane	6.130	83	129014	3.301	ug/L	97
37) 1,2-Dichloropropane	6.172	63	108309	5.408	ug/L	100
38) Bromodichloromethane	6.510	83	130137	5.131	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	144346	5.162	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	952007	110.479	ug/L	97
42) Toluene	7.384	91	411564	4.386	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	124003	5.713	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	92873	7.084	ug/L	97
47) Tetrachloroethene	7.972	164	70900	3.982	ug/L	97
48) 2-Hexanone	8.136	43	694593	115.072	ug/L	99
49) Dibromochloromethane	8.239	129	89473	5.645	ug/L	99
50) 1,2-Dibromoethane	8.349	107	85183	6.993	ug/L	99
51) Chlorobenzene	8.876	112	272204	4.692	ug/L	99
52) Ethylbenzene	9.008	91	403155	4.127	ug/L	100
53) m,p-Xylene	9.133	106	159514	4.106	ug/L	98
54) o-Xylene	9.538	106	164942	4.466	ug/L	97
55) Styrene	9.554	104	278403	4.494	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	119487	7.819	ug/L	100
59) Bromoform	9.725	173	47019	5.799	ug/L	98
60) Isopropylbenzene	9.924	105	392313	4.064	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	83913	8.256	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	333027	4.072	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	341592	4.170	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	205031	4.520	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	206887	4.537	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	216305	5.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	14196	7.099	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.635	180	139952	3.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	123637	4.671	ug/L	99
71) Naphthalene	13.493	128	277798	8.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	124678	5.562	ug/L	100

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

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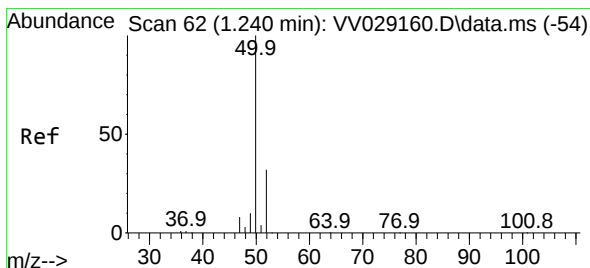
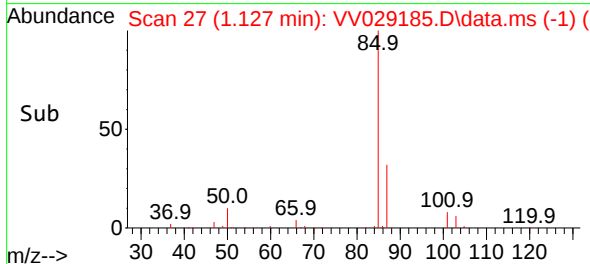
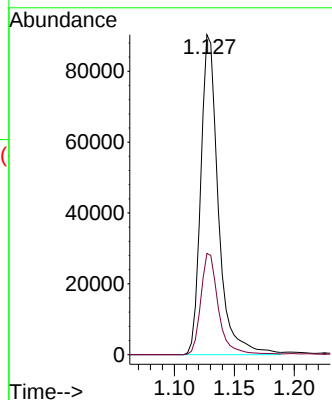
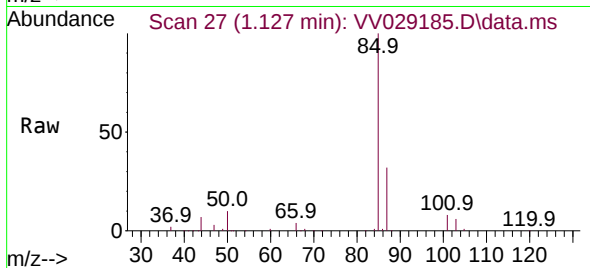




#2
 Dichlorodifluoromethane
 Concen: 3.590 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

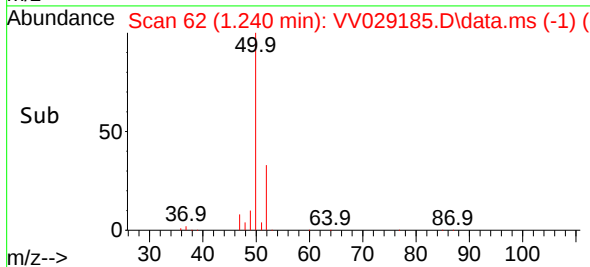
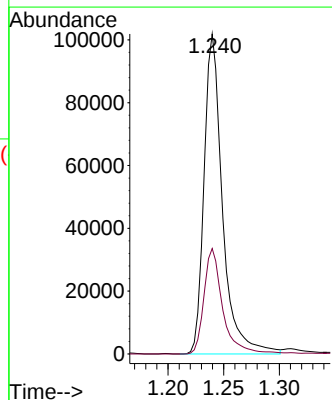
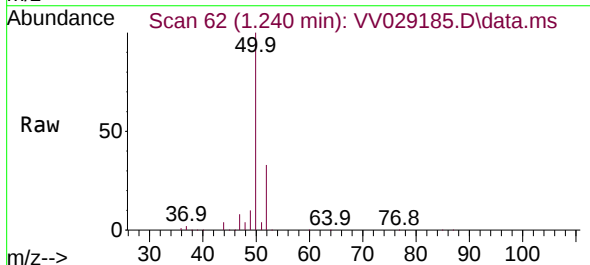
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 ClientSampleId :
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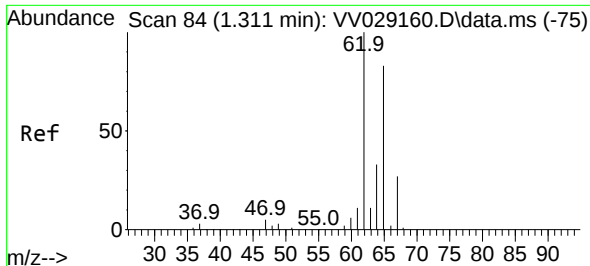
Tgt Ion: 85 Resp: 92453
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.0 37.4



#3
 Chloromethane
 Concen: 5.500 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

Tgt Ion: 50 Resp: 117556
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 43.9

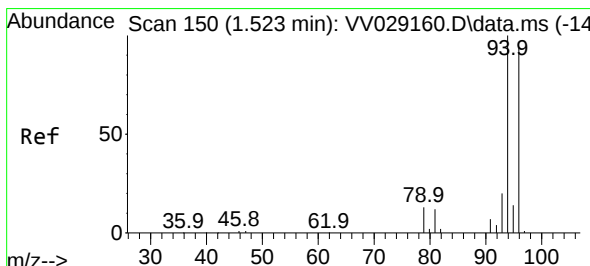
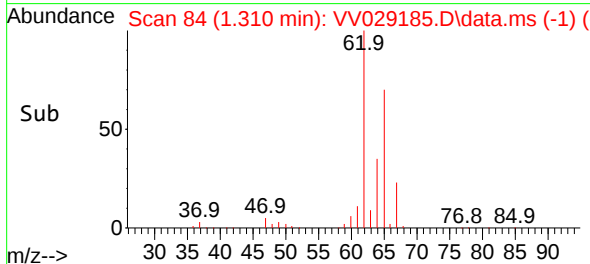
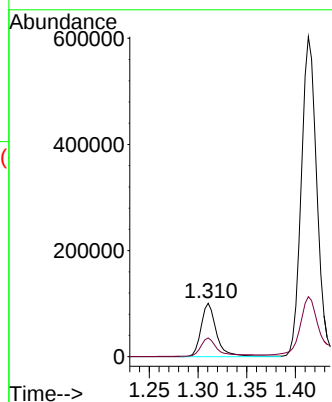
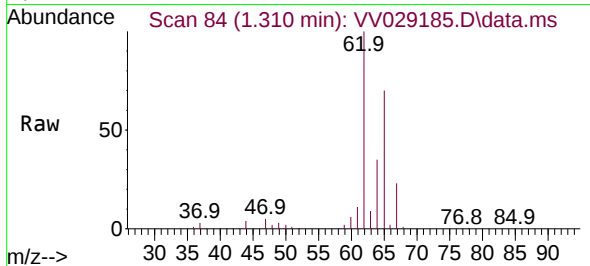




#5
 Vinyl chloride
 Concen: 4.550 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

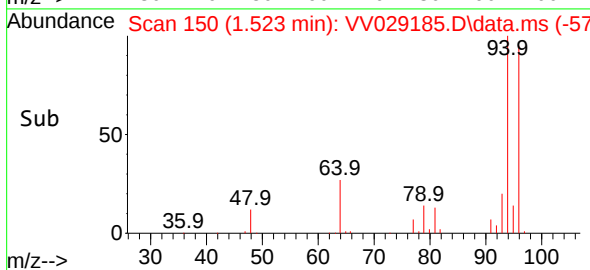
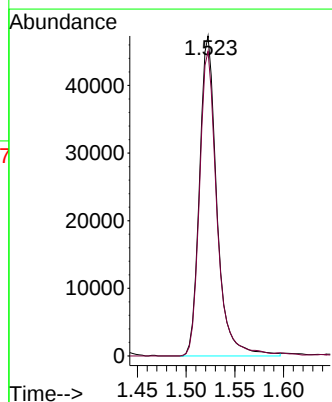
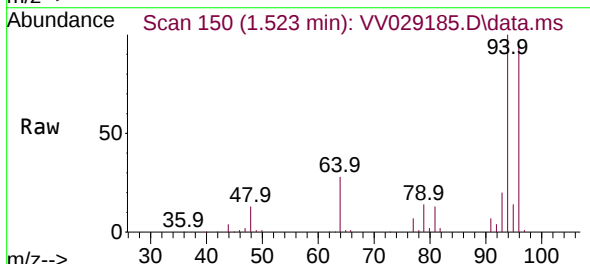
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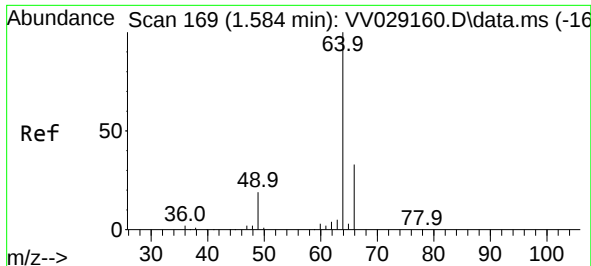
Tgt Ion: 62 Resp: 110919
 Ion Ratio Lower Upper
 62 100
 64 34.9 22.8 42.4



#6
 Bromomethane
 Concen: 4.033 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

Tgt Ion: 94 Resp: 58765
 Ion Ratio Lower Upper
 94 100
 96 95.2 68.5 127.3

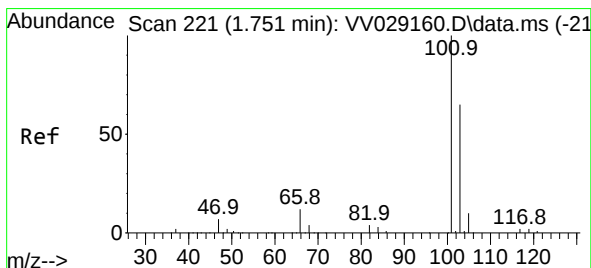
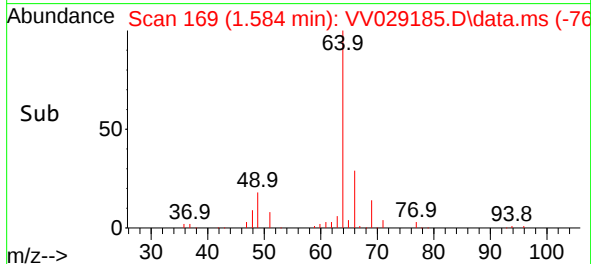
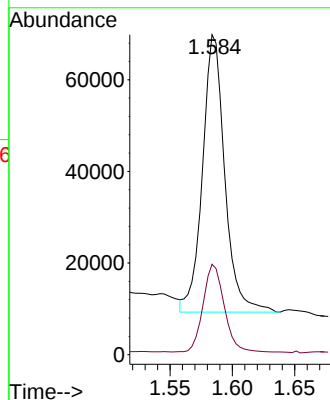
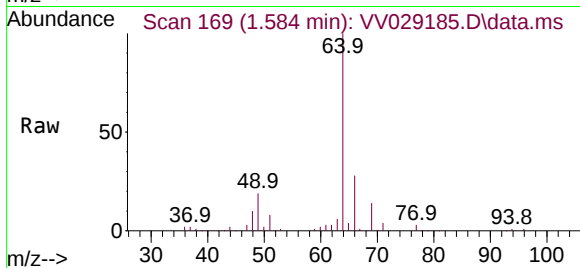




#8
Chloroethane
Concen: 5.255 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

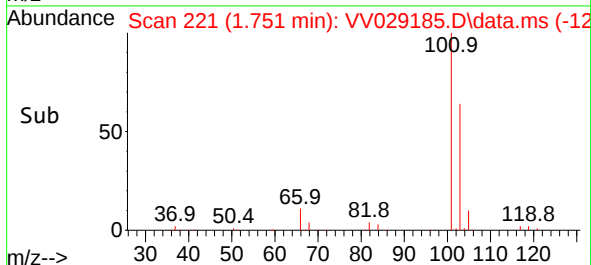
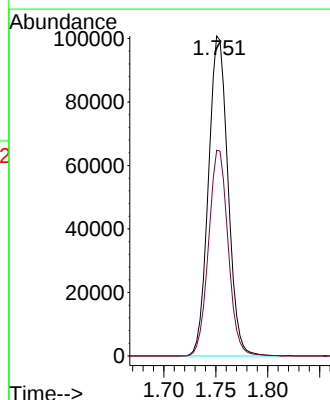
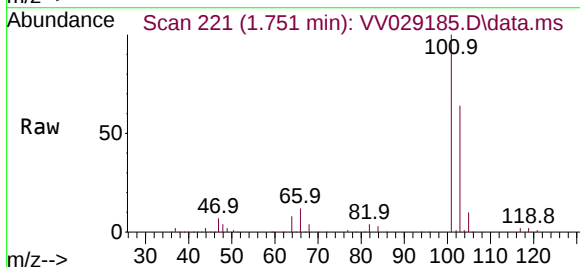
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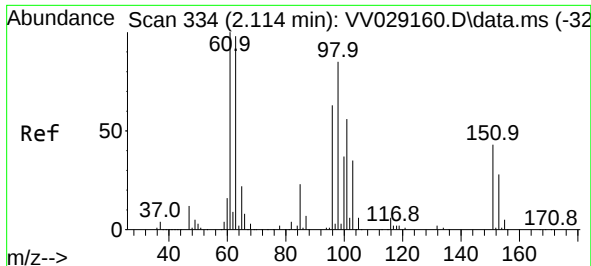
Tgt Ion: 64 Resp: 75277
Ion Ratio Lower Upper
64 100
66 28.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.004 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion:101 Resp: 131619
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9

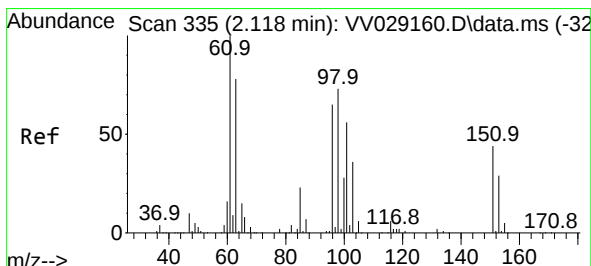
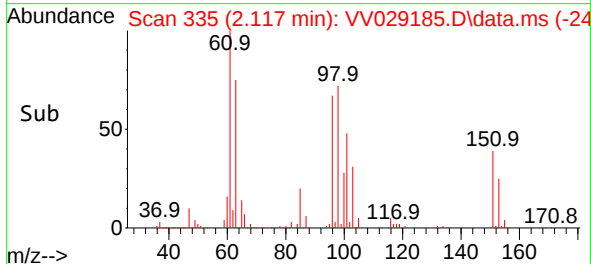
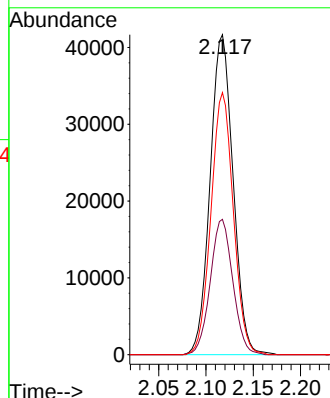
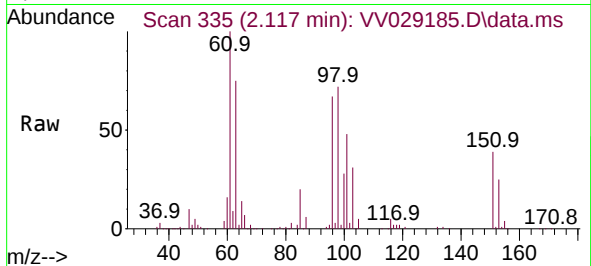




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.781 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

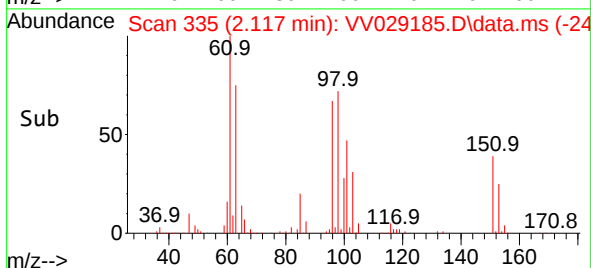
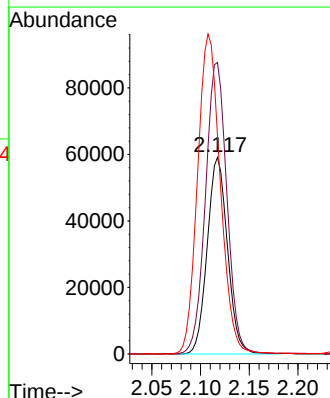
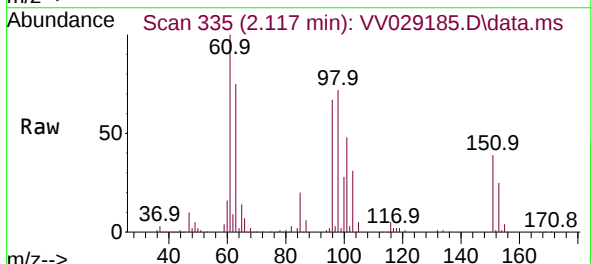
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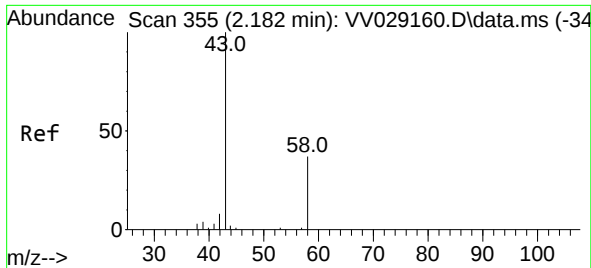
Tgt Ion:101 Resp: 70371
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.9 49.3
 151 79.8 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.566 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

Tgt Ion: 96 Resp: 85388
 Ion Ratio Lower Upper
 96 100
 61 148.2 104.2 193.4
 63 111.0 75.9 140.9





#13

Acetone

Concen: 76.648 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

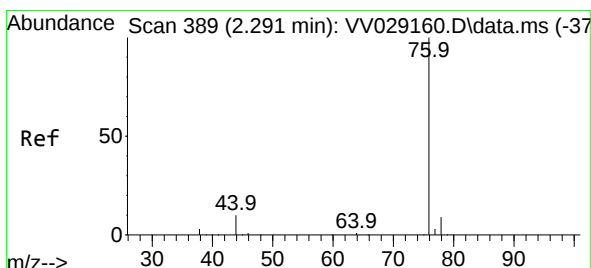
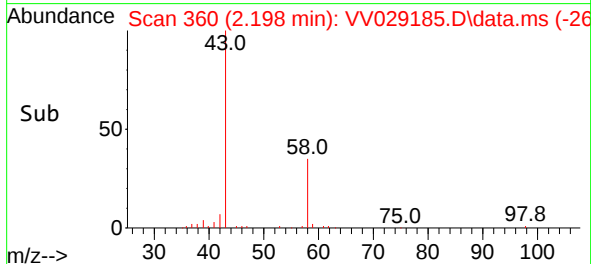
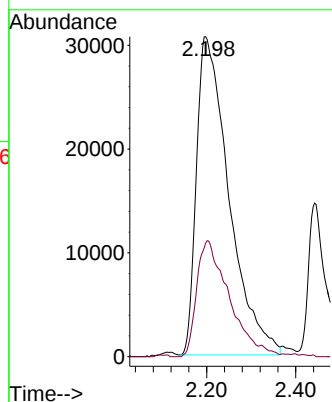
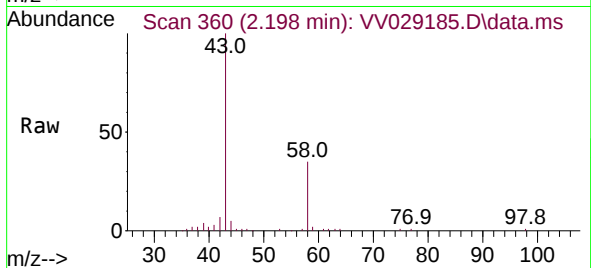
H0AB9MS

Tgt Ion: 43 Resp: 155442

Ion Ratio Lower Upper

43 100

58 35.3 0.0 56.6



#14

Carbon disulfide

Concen: 3.548 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029185.D

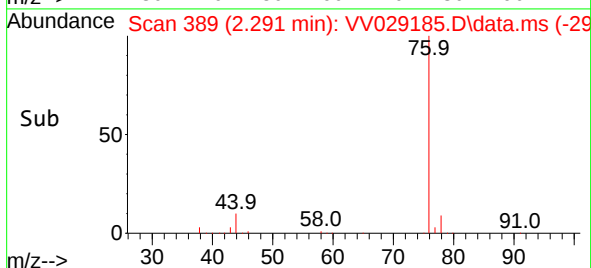
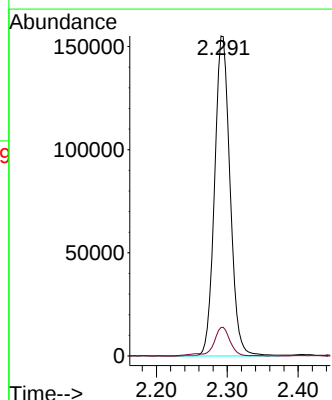
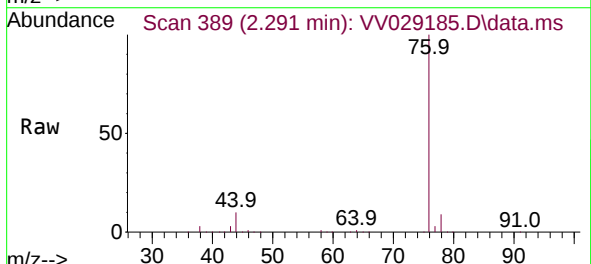
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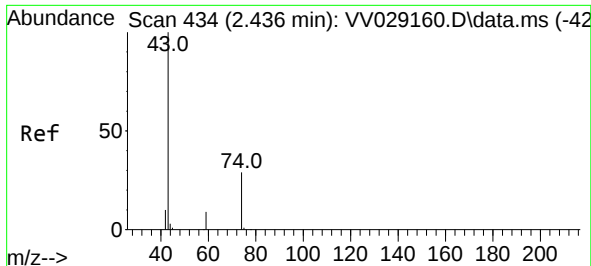
Tgt Ion: 76 Resp: 235595

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

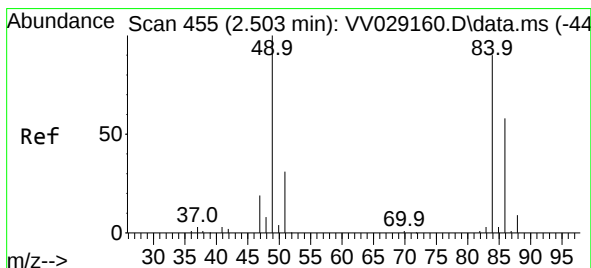
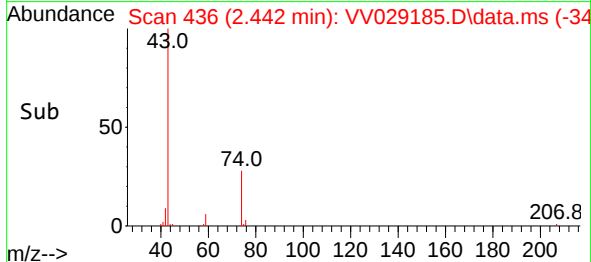
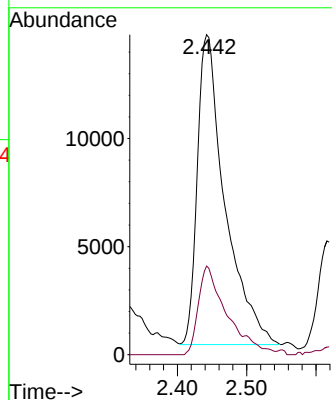
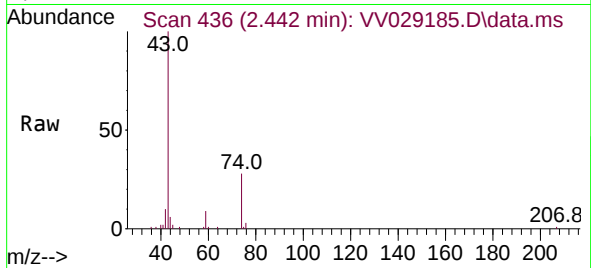




#15
Methyl Acetate
Concen: 8.073 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

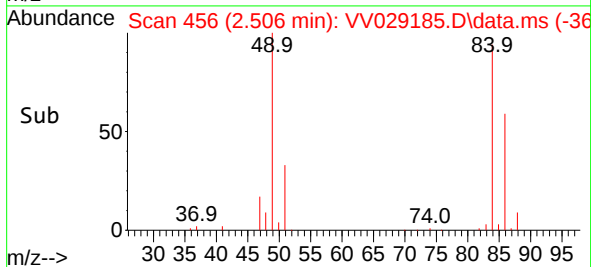
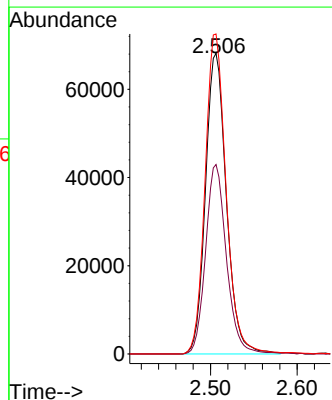
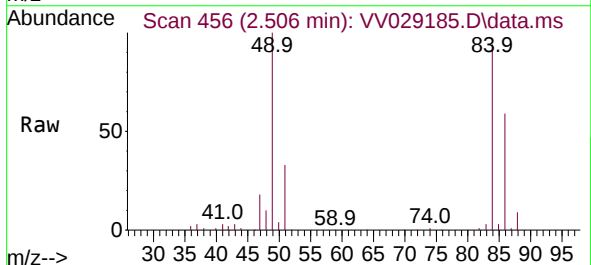
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

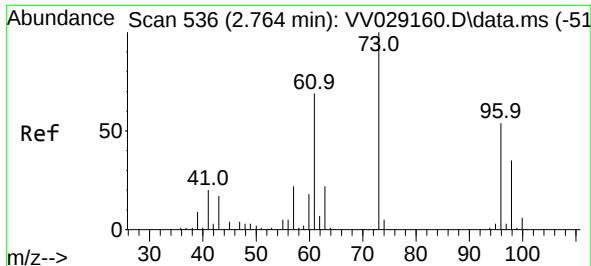
Tgt Ion: 43 Resp: 39733
Ion Ratio Lower Upper
43 100
74 29.5 24.6 37.0



#16
Methylene chloride
Concen: 4.735 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 84 Resp: 114500
Ion Ratio Lower Upper
84 100
86 63.0 45.8 85.0
49 106.4 75.5 140.1

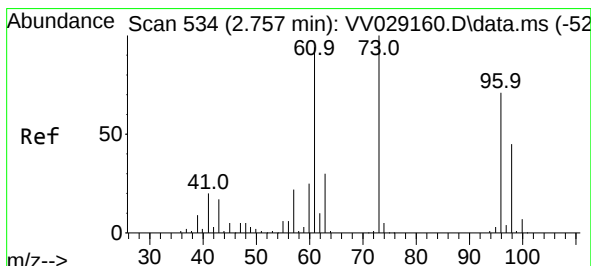
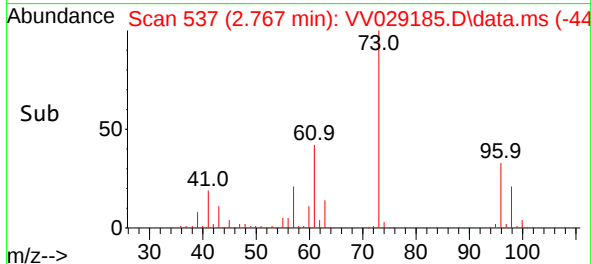
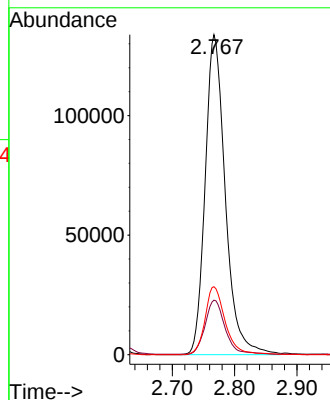
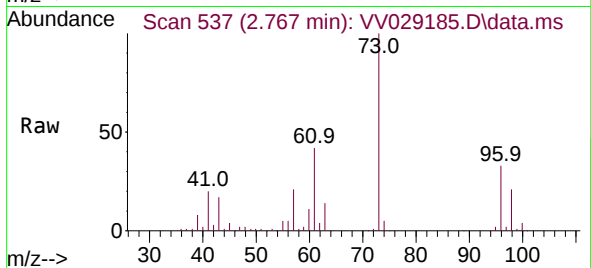




#17
Methyl tert-butyl Ether
Concen: 7.502 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

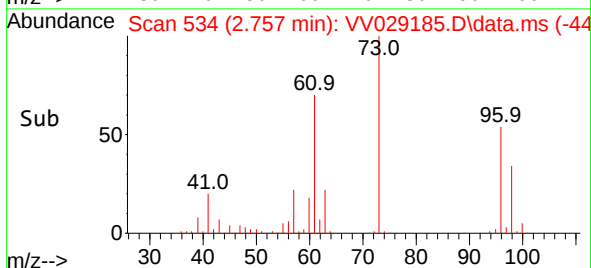
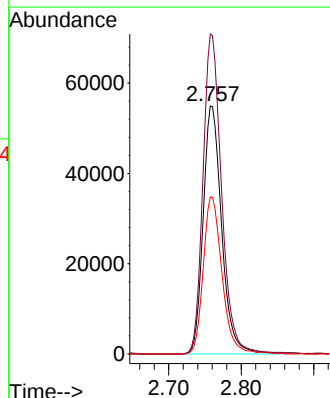
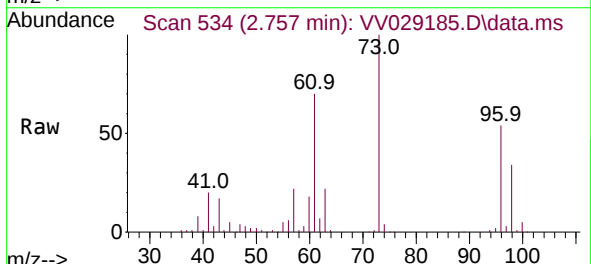
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

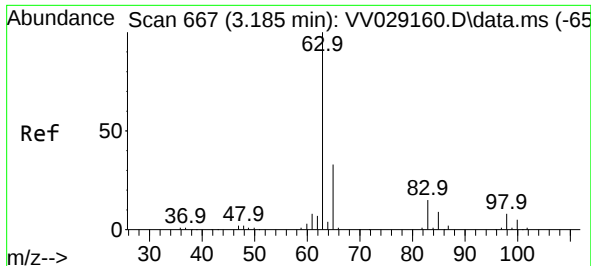
Tgt Ion: 73 Resp: 300802
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 21.1 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.495 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 96 Resp: 97492
Ion Ratio Lower Upper
96 100
61 129.0 91.8 170.6
98 63.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.150 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MS

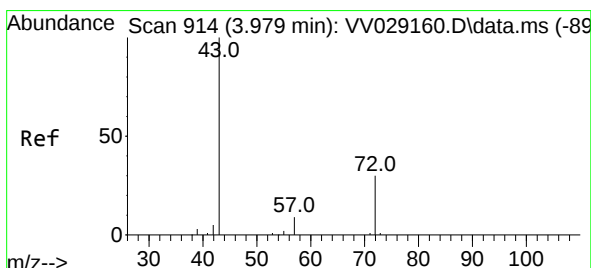
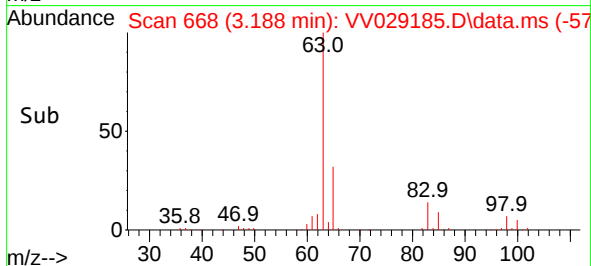
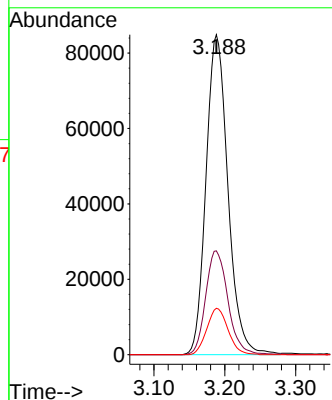
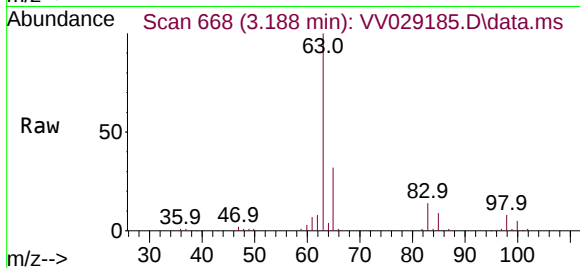
Tgt Ion: 63 Resp: 182600

Ion Ratio Lower Upper

63 100

65 32.4 23.0 42.6

83 14.5 9.4 17.6



#21

2-Butanone

Concen: 102.955 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV029185.D

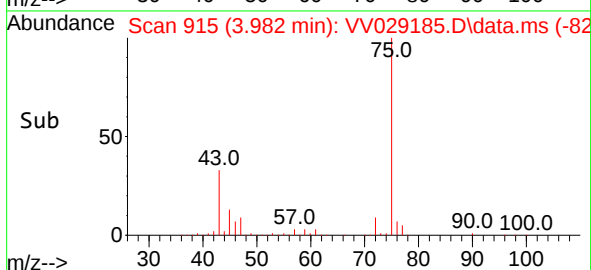
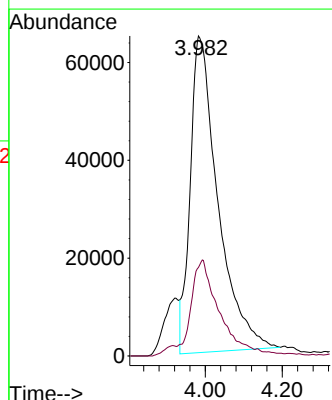
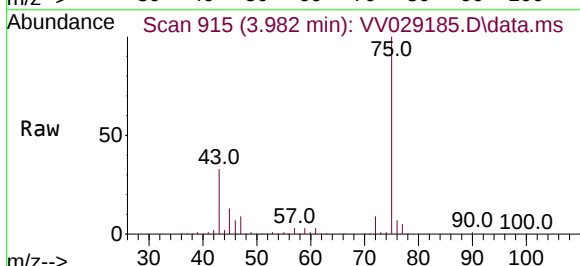
Acq: 19 Nov 2022 20:57

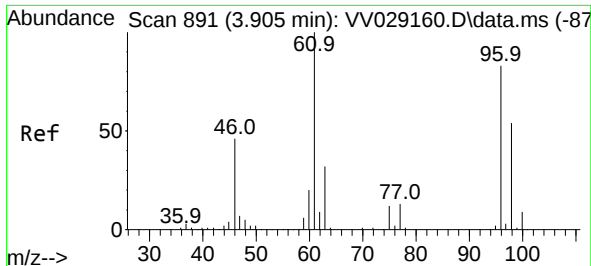
Tgt Ion: 43 Resp: 323257

Ion Ratio Lower Upper

43 100

72 26.9 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.376 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MS

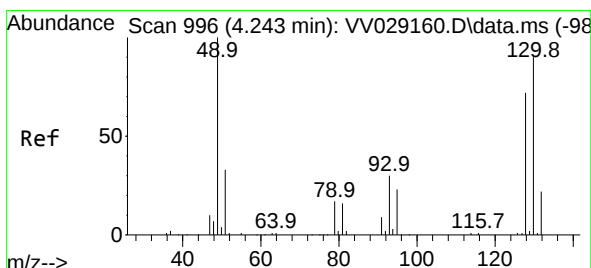
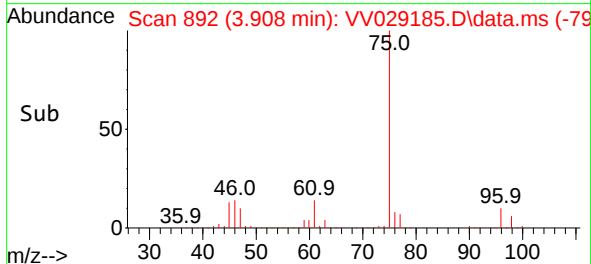
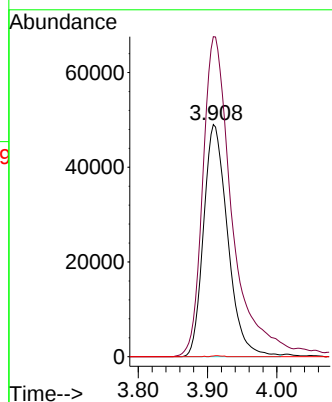
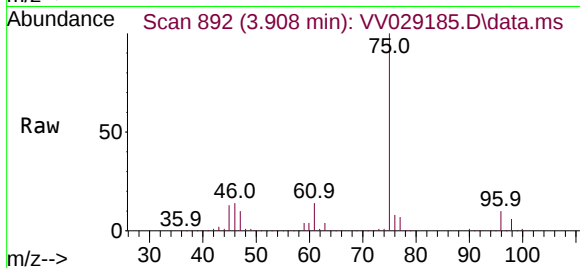
Tgt Ion: 96 Resp: 118553

Ion Ratio Lower Upper

96 100

61 137.8 82.3 152.9

68 0.3 0.0 0.0#



#23

Bromochloromethane

Concen: 6.062 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Tgt Ion: 128 Resp: 56529

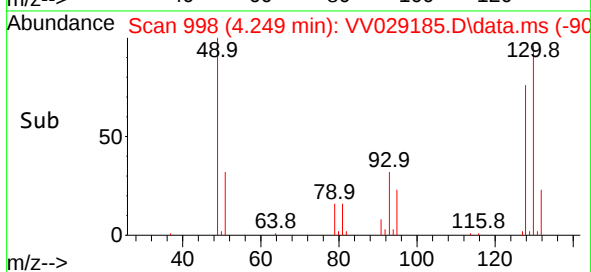
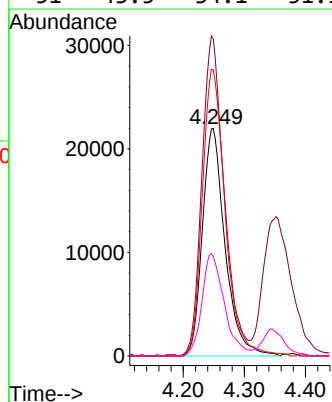
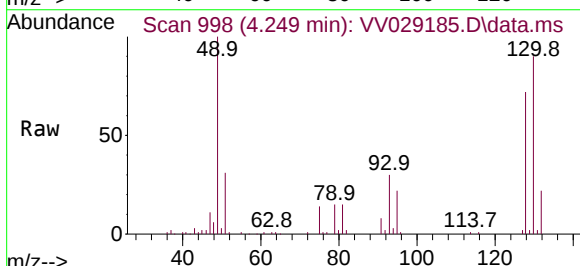
Ion Ratio Lower Upper

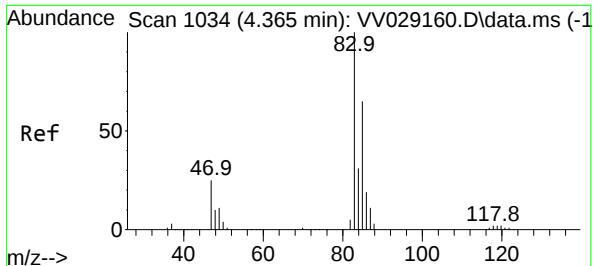
128 100

49 139.6 89.5 166.1

130 125.9 84.4 156.8

51 43.5 34.1 51.1





#25

Chloroform

Concen: 5.125 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

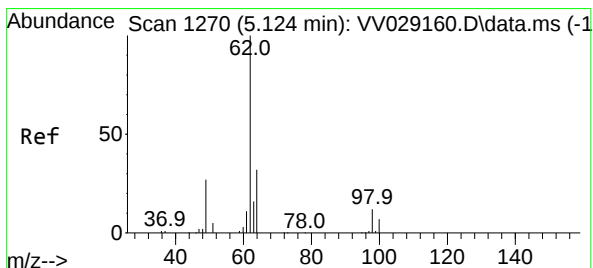
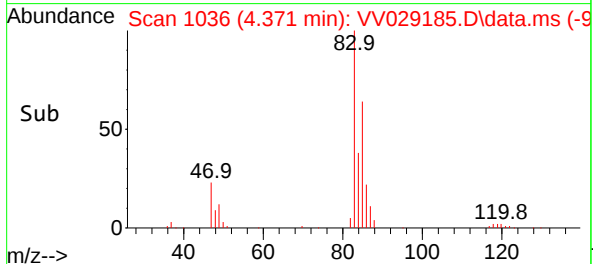
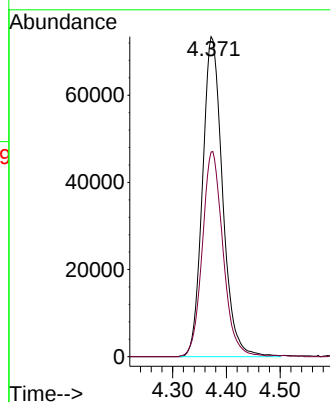
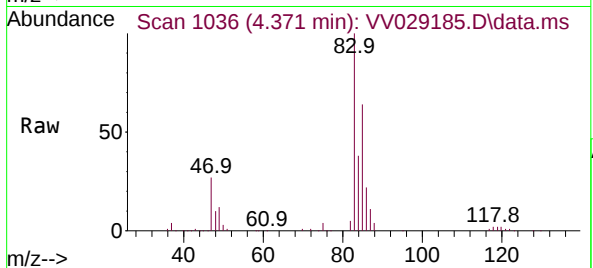
H0AB9MS

Tgt Ion: 83 Resp: 190515

Ion Ratio Lower Upper

83 100

85 64.0 43.7 81.1



#27

1,2-Dichloroethane

Concen: 6.504 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV029185.D

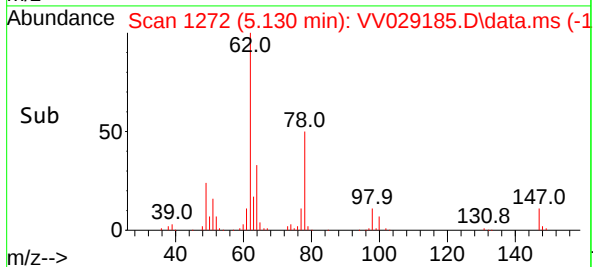
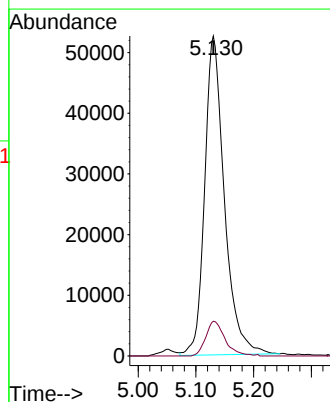
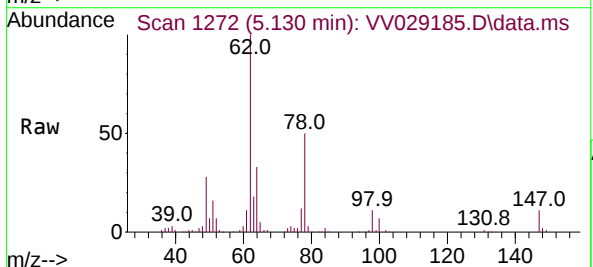
Acq: 19 Nov 2022 20:57

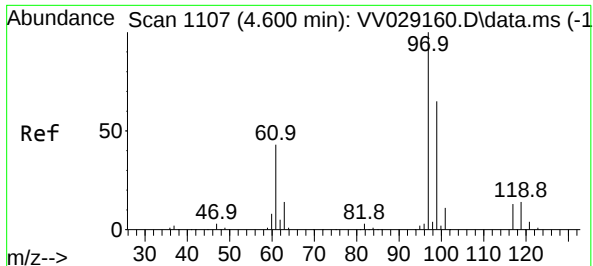
Tgt Ion: 62 Resp: 124511

Ion Ratio Lower Upper

62 100

98 10.8 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.274 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MS

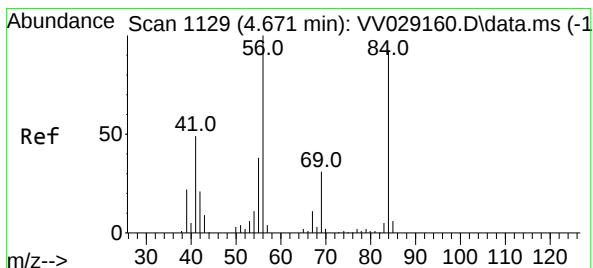
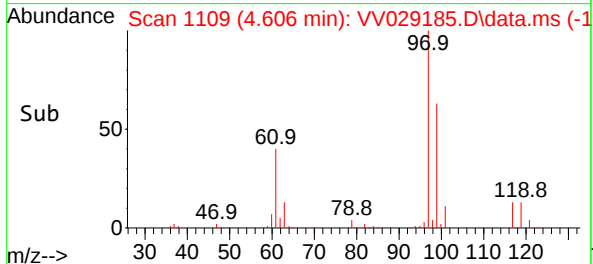
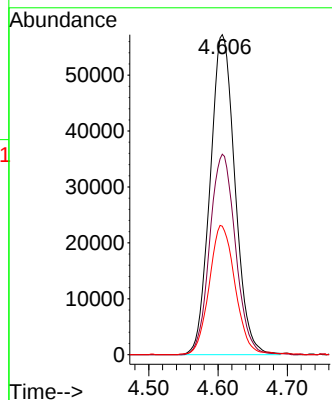
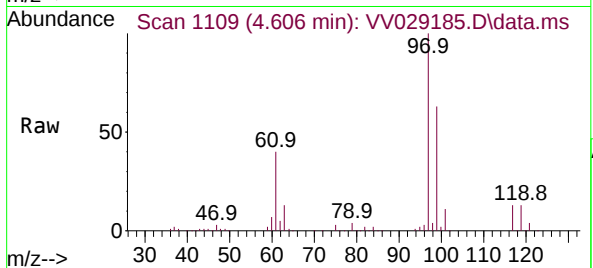
Tgt Ion: 97 Resp: 142534

Ion Ratio Lower Upper

97 100

99 65.0 52.7 79.1

61 42.1 33.8 50.6



#30

Cyclohexane

Concen: 3.495 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

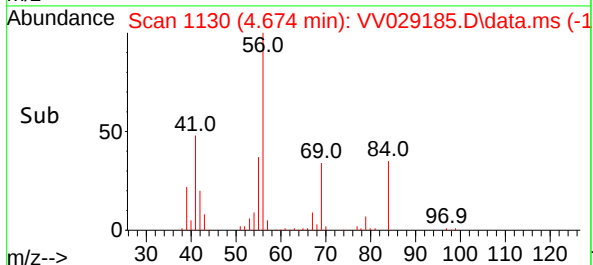
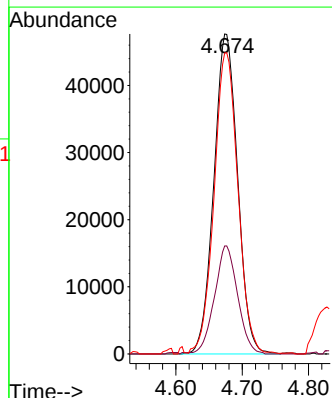
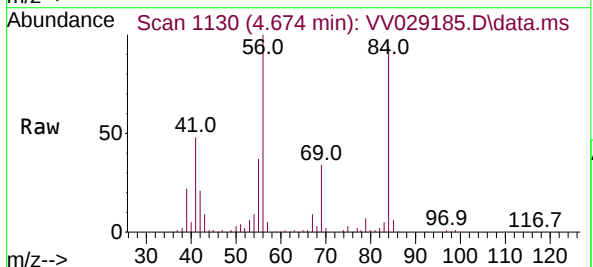
Tgt Ion: 56 Resp: 118469

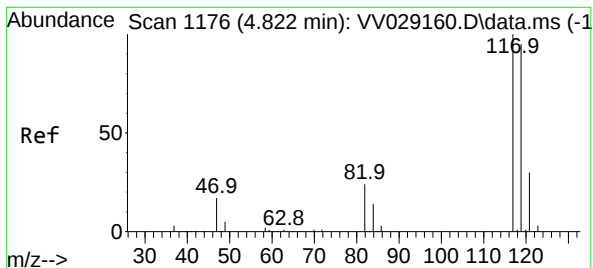
Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 93.8 77.9 116.9





#31

Carbon tetrachloride

Concen: 3.807 ug/L

RT: 4.828 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

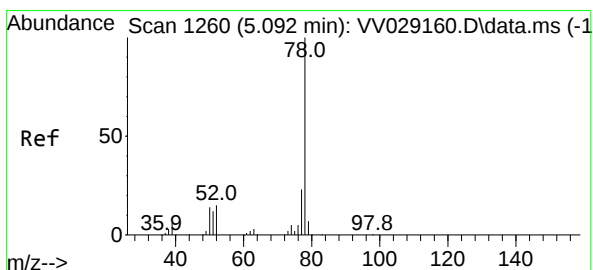
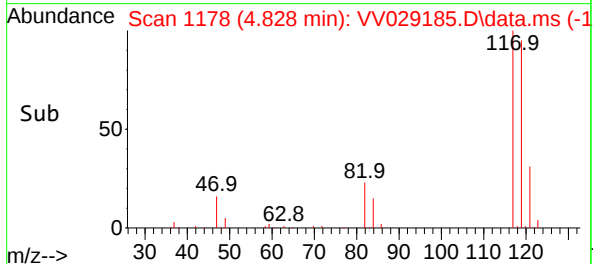
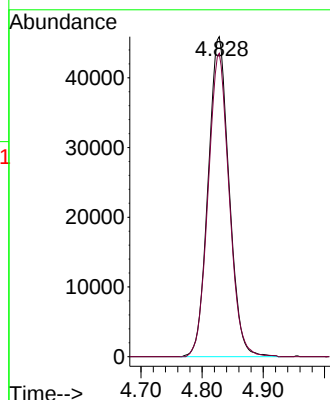
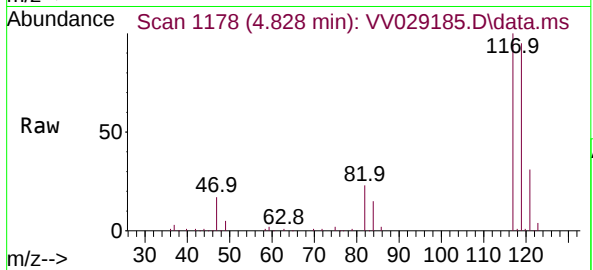
H0AB9MS

Tgt Ion:117 Resp: 109347

Ion Ratio Lower Upper

117 100

119 94.9 77.0 115.6



#33

Benzene

Concen: 4.812 ug/L

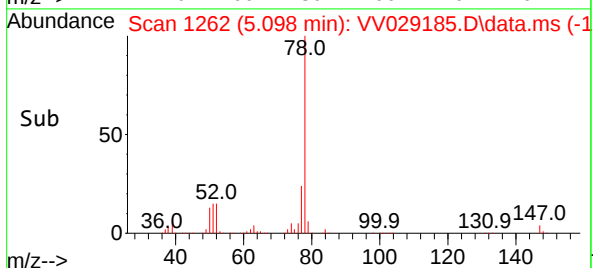
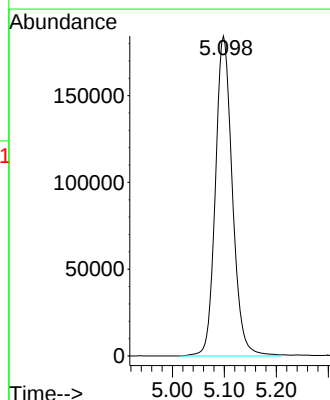
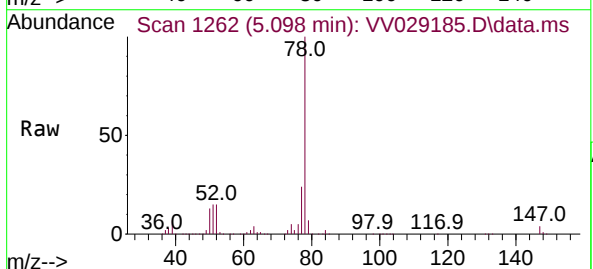
RT: 5.098 min Scan# 1262

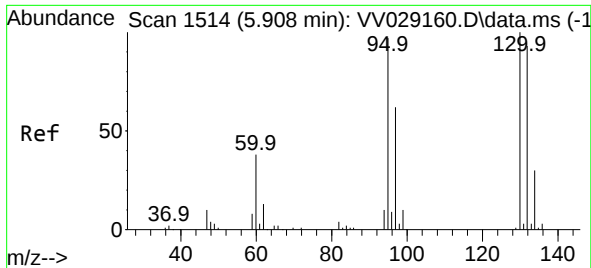
Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Tgt Ion: 78 Resp: 417955

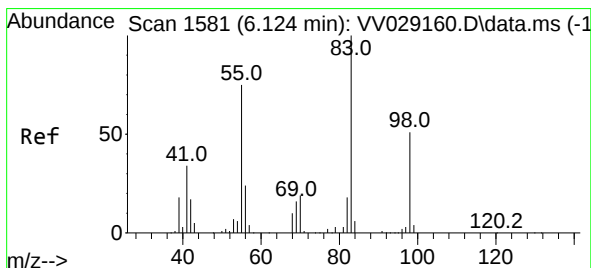
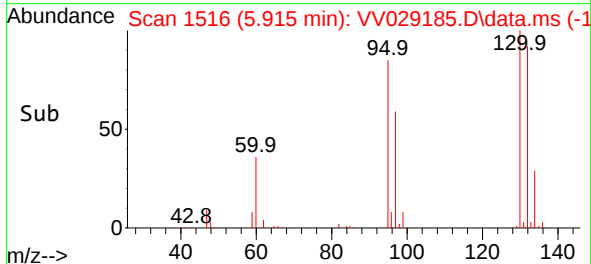
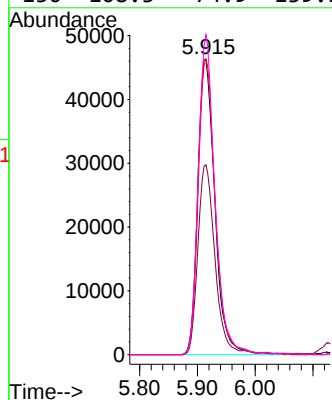
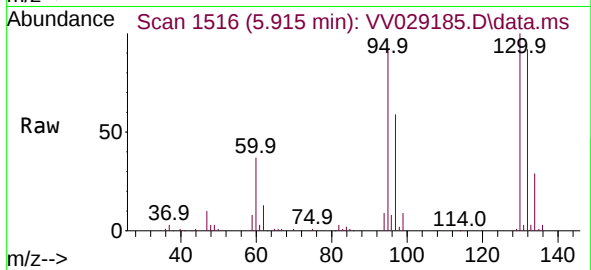




#34
Trichloroethene
Concen: 4.299 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

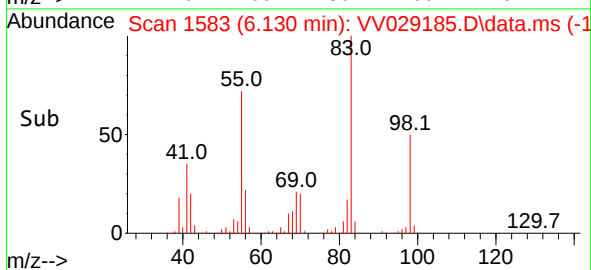
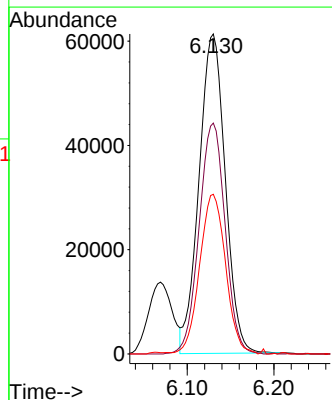
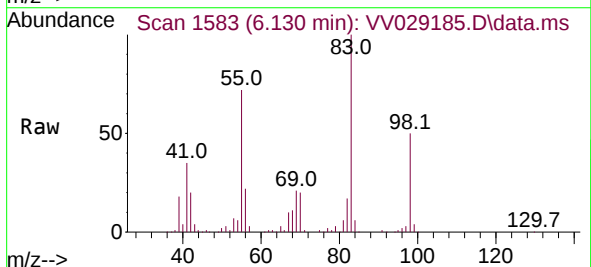
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

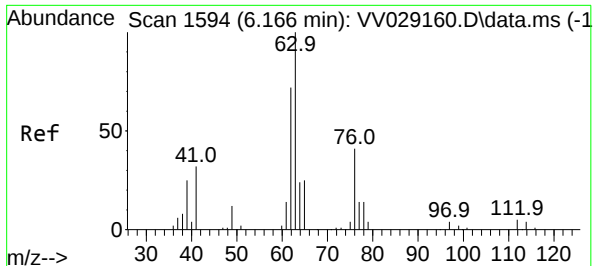
Tgt Ion: 95 Resp: 95578
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.8
132 100.0 69.1 128.3
130 108.3 74.9 139.1



#35
Methylcyclohexane
Concen: 3.301 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 83 Resp: 129014
Ion Ratio Lower Upper
83 100
55 71.7 55.8 83.6
98 49.6 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.408 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

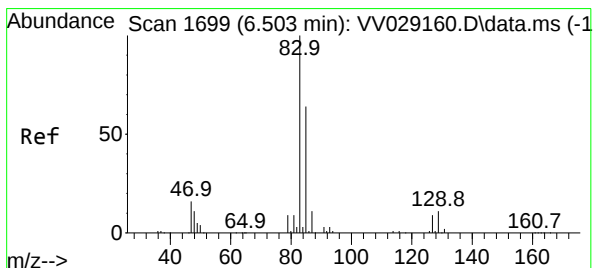
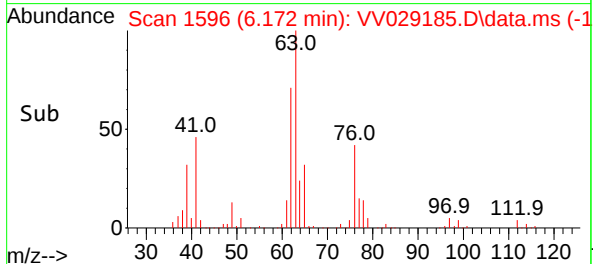
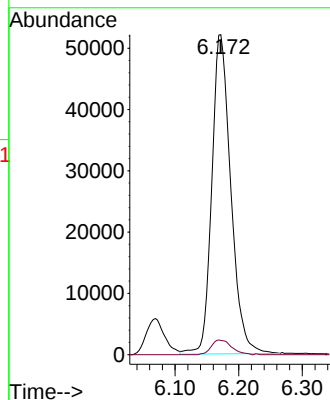
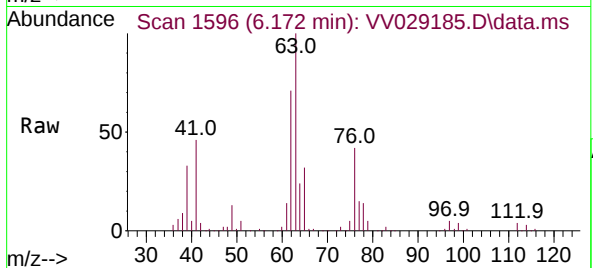
H0AB9MS

Tgt Ion: 63 Resp: 108309

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.131 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

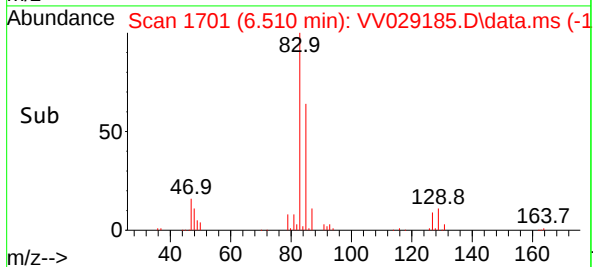
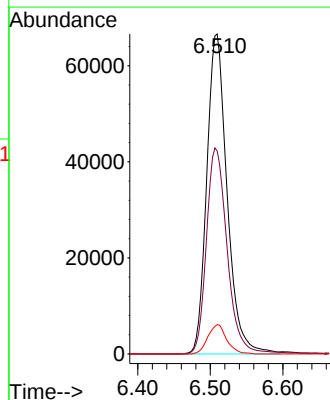
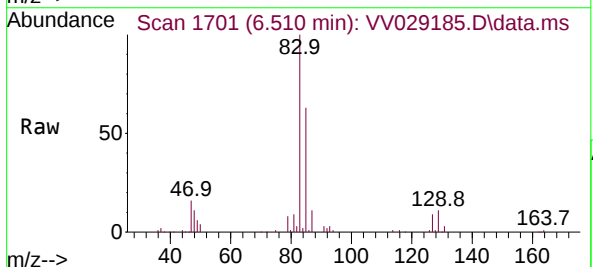
Tgt Ion: 83 Resp: 130137

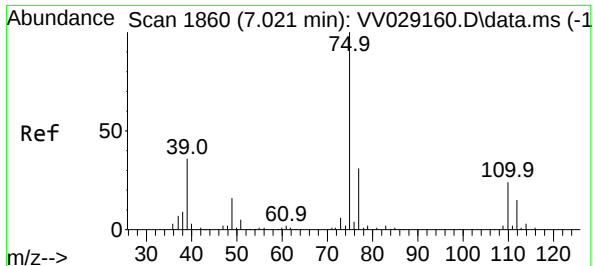
Ion Ratio Lower Upper

83 100

85 63.5 46.1 85.5

127 9.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.162 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

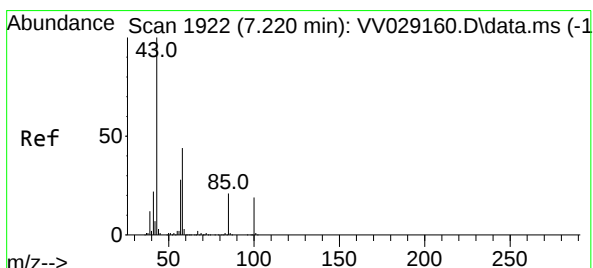
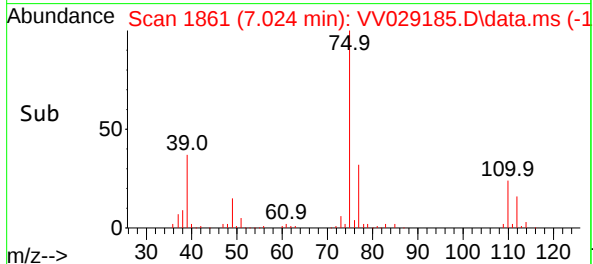
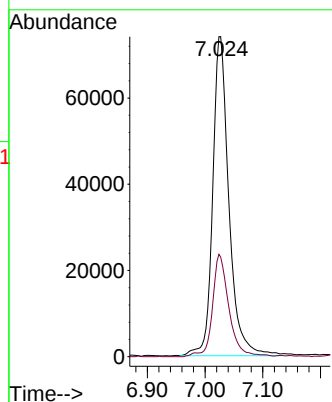
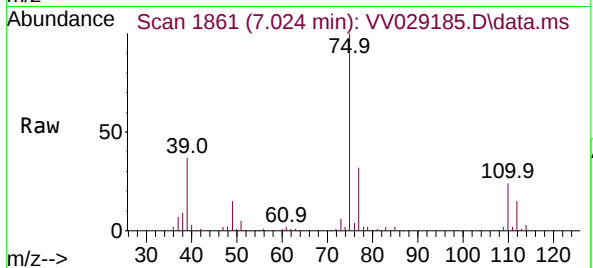
H0AB9MS

Tgt Ion: 75 Resp: 144346

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 110.479 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

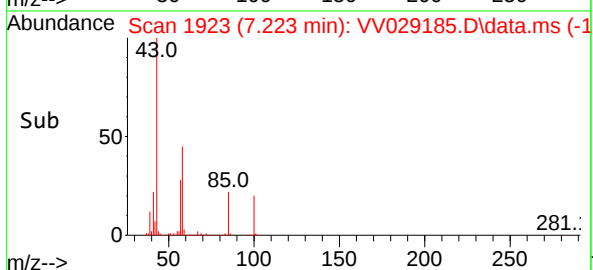
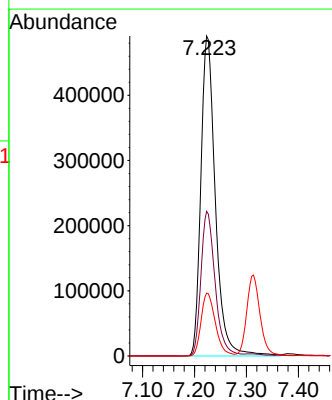
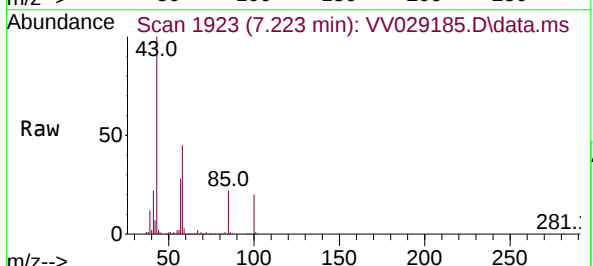
Tgt Ion: 43 Resp: 952007

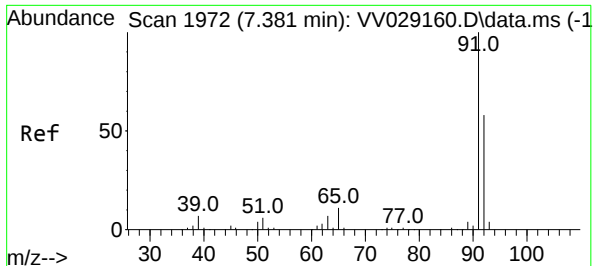
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 19.4 14.5 21.7





#42

Toluene

Concen: 4.386 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

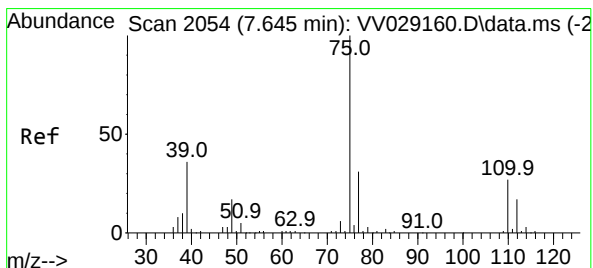
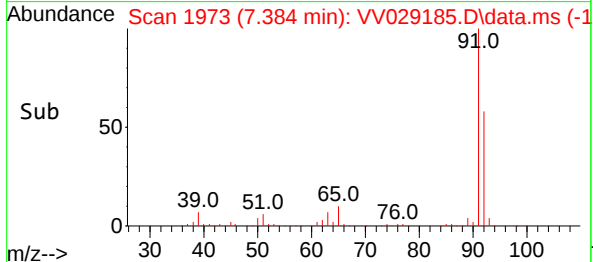
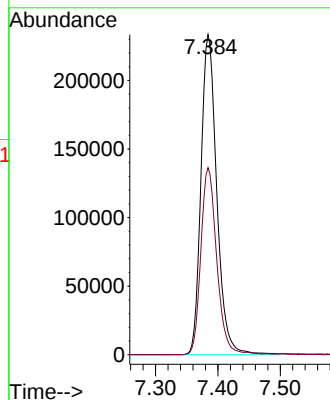
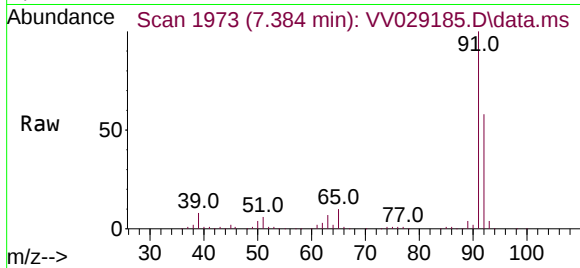
H0AB9MS

Tgt Ion: 91 Resp: 411564

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.713 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV029185.D

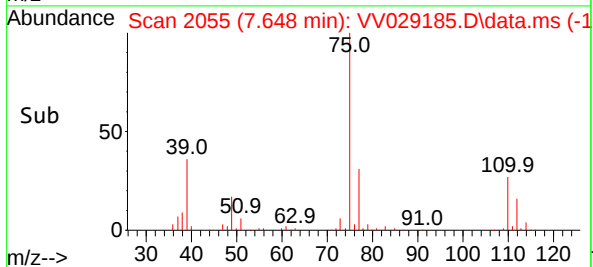
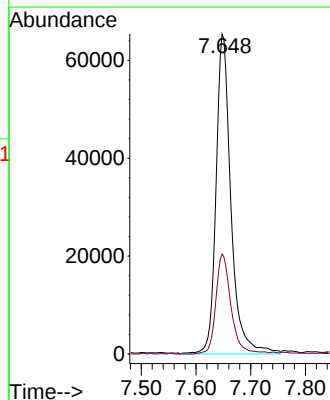
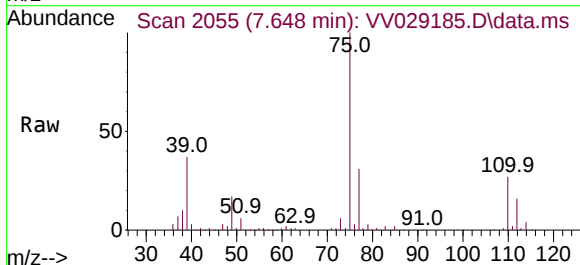
Acq: 19 Nov 2022 20:57

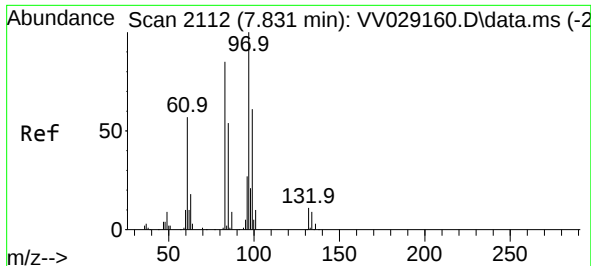
Tgt Ion: 75 Resp: 124003

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2

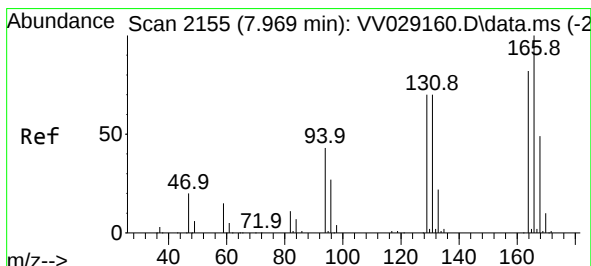
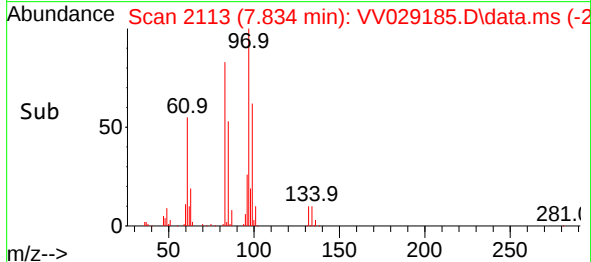
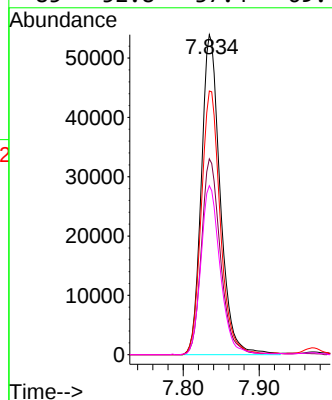
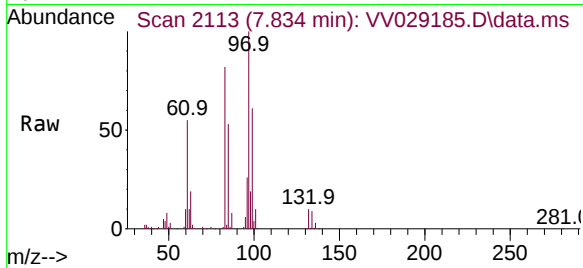




#45
1,1,2-Trichloroethane
Concen: 7.084 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

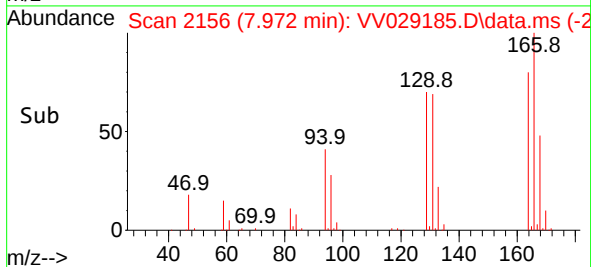
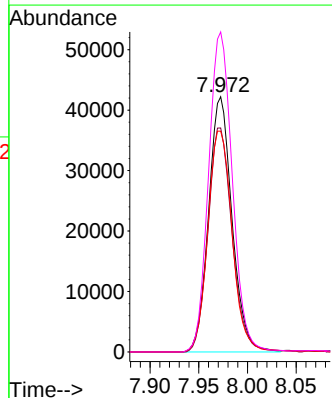
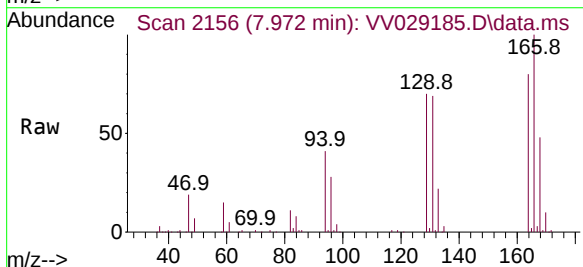
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

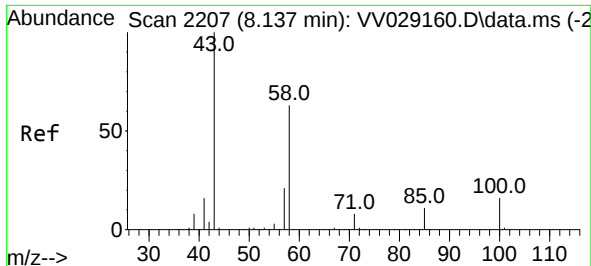
Tgt Ion:	97	Resp:	92873
Ion	Ratio	Lower	Upper
97	100		
99	61.2	41.5	77.1
83	82.4	60.0	111.4
85	52.8	37.4	69.4



#47
Tetrachloroethene
Concen: 3.982 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion:	164	Resp:	70900
Ion	Ratio	Lower	Upper
164	100		
129	87.7	63.9	118.7
131	86.5	61.8	114.8
166	125.4	90.2	167.4

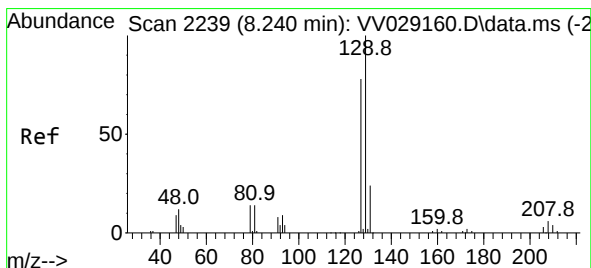
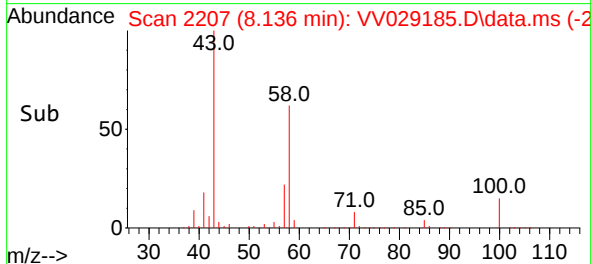
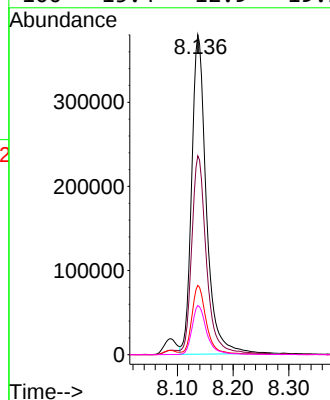
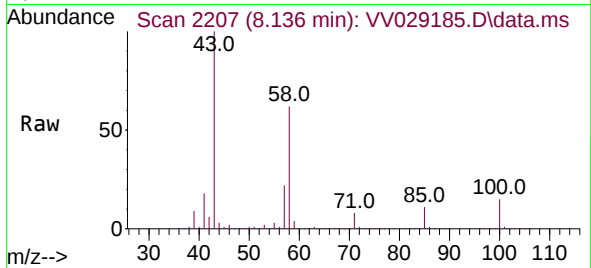




#48
2-Hexanone
Concen: 115.072 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

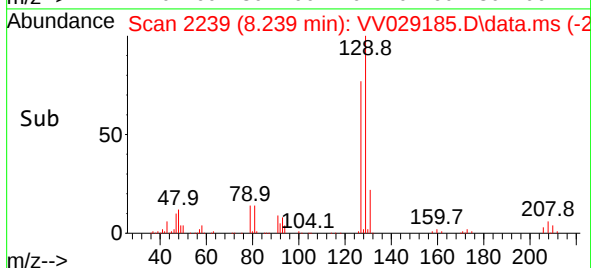
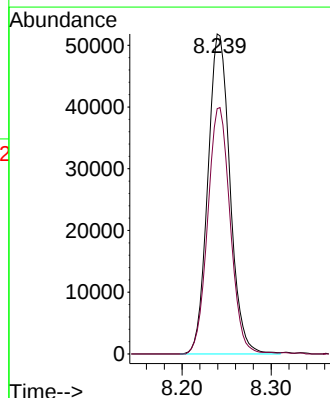
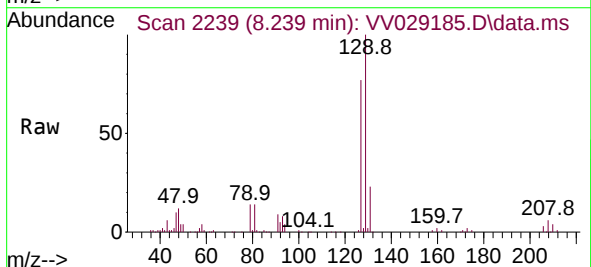
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

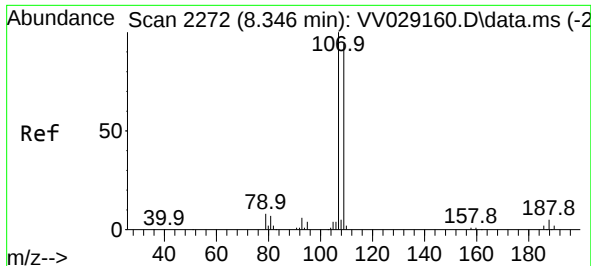
Tgt Ion:	43	Resp:	694593
Ion	Ratio	Lower	Upper
43	100		
58	62.6	50.2	75.4
57	21.0	17.8	26.8
100	15.4	12.9	19.3



#49
Dibromochloromethane
Concen: 5.645 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion:	129	Resp:	89473
Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.5	101.1





#50

1,2-Dibromoethane

Concen: 6.993 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MS

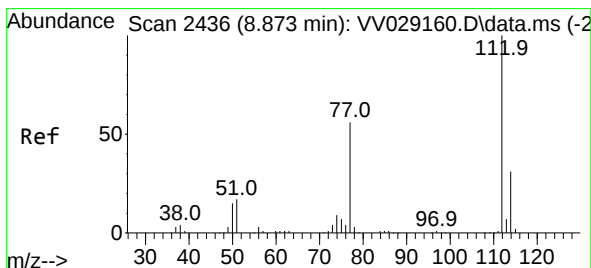
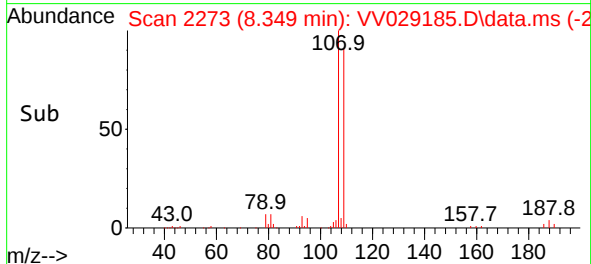
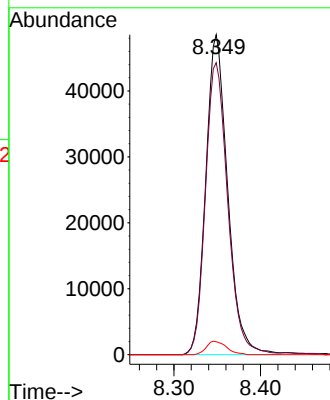
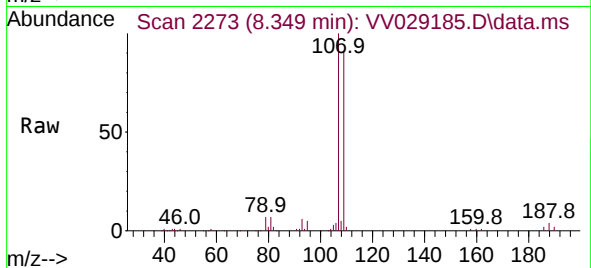
Tgt Ion:107 Resp: 85183

Ion Ratio Lower Upper

107 100

109 91.2 64.4 119.6

188 4.1 2.9 4.3



#51

Chlorobenzene

Concen: 4.692 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

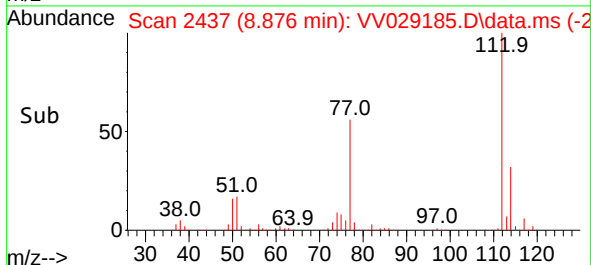
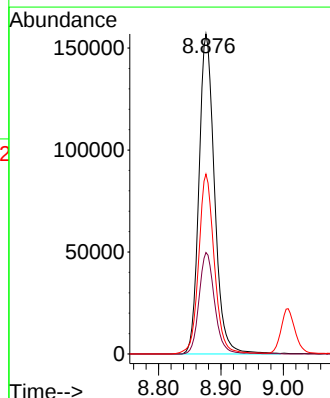
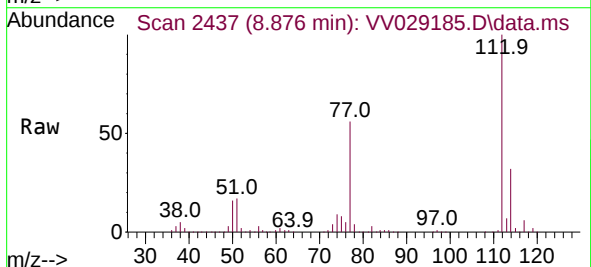
Tgt Ion:112 Resp: 272204

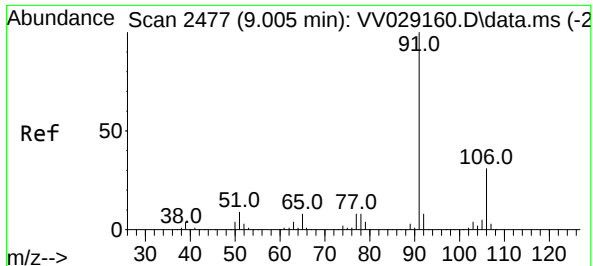
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 56.2 44.4 66.6





#52

Ethylbenzene

Concen: 4.127 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

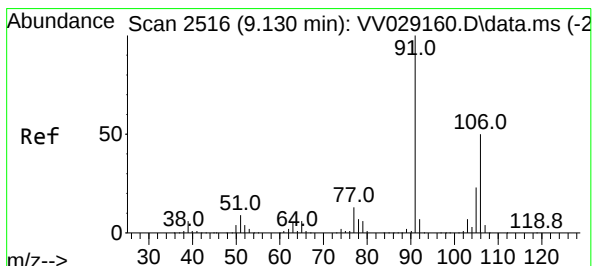
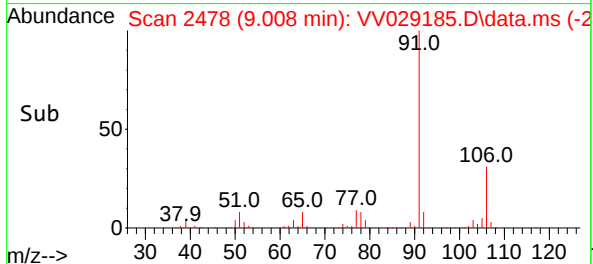
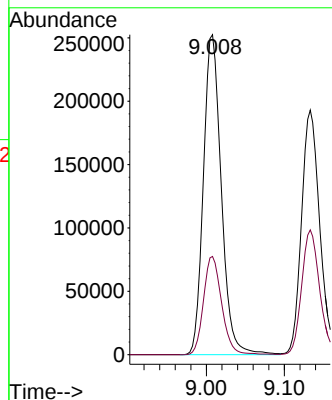
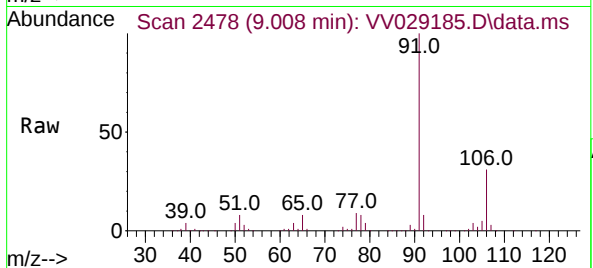
H0AB9MS

Tgt Ion: 91 Resp: 403155

Ion Ratio Lower Upper

91 100

106 30.7 21.6 40.2



#53

m,p-Xylene

Concen: 4.106 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029185.D

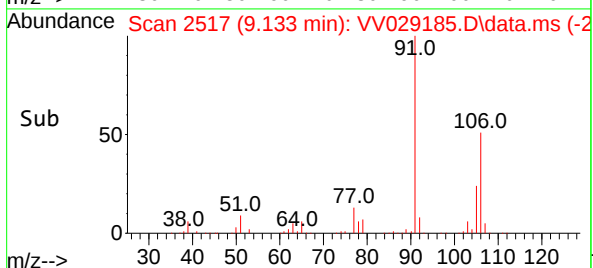
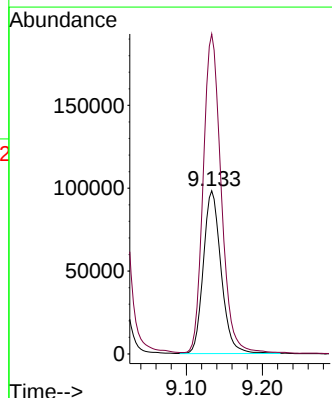
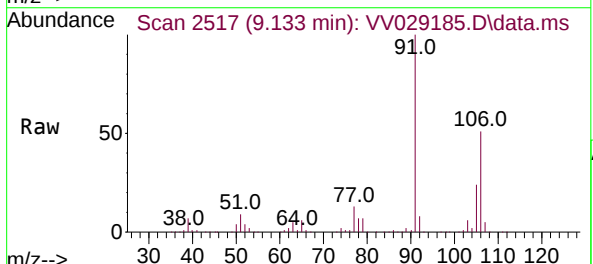
Acq: 19 Nov 2022 20:57

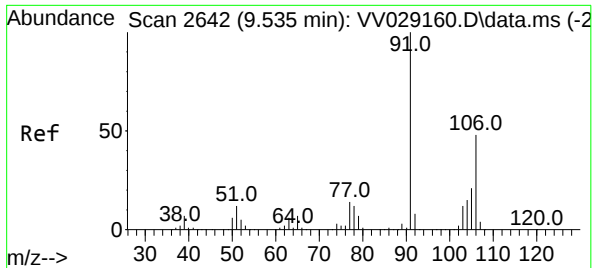
Tgt Ion: 106 Resp: 159514

Ion Ratio Lower Upper

106 100

91 196.1 139.1 258.3

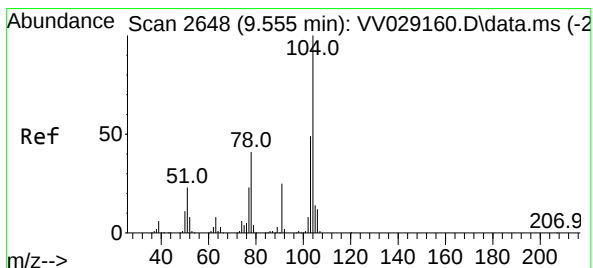
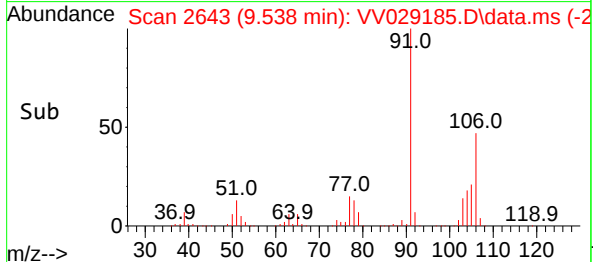
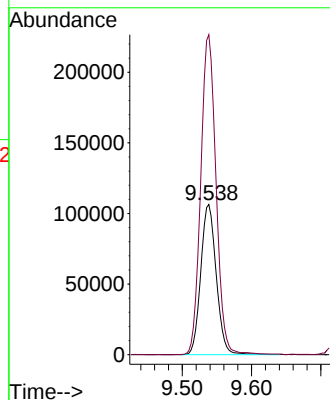
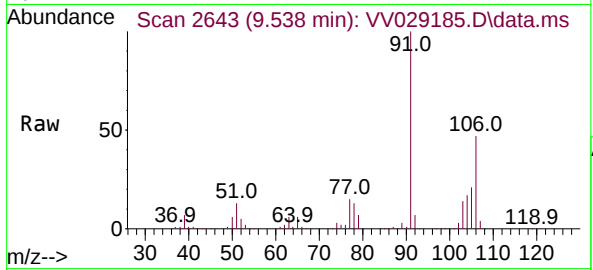




#54
o-Xylene
Concen: 4.466 ug/L
RT: 9.538 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

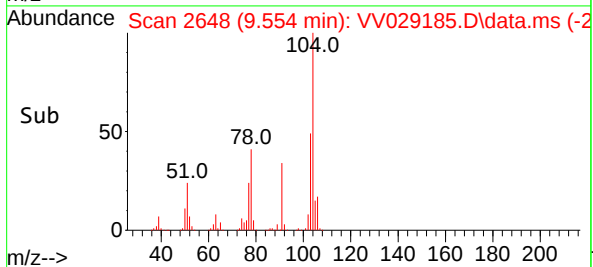
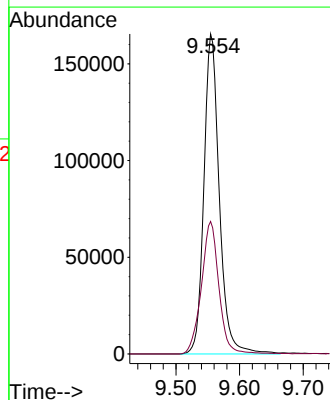
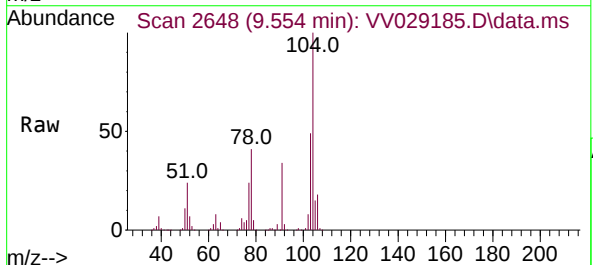
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

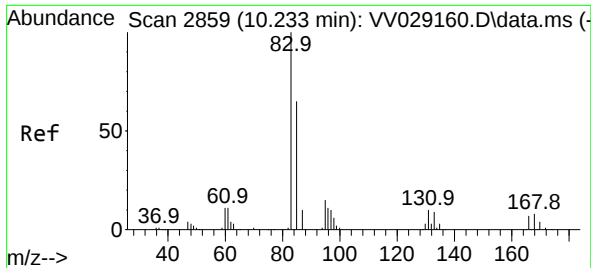
Tgt Ion:106 Resp: 164942
Ion Ratio Lower Upper
106 100
91 213.1 145.7 270.7



#55
Styrene
Concen: 4.494 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion:104 Resp: 278403
Ion Ratio Lower Upper
104 100
78 41.4 30.1 55.9

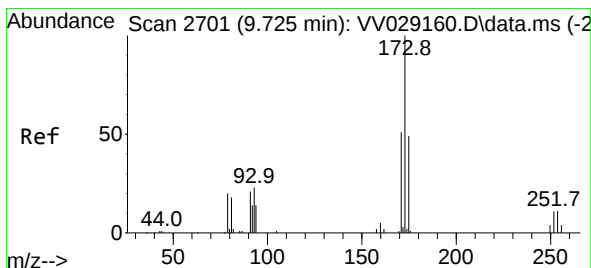
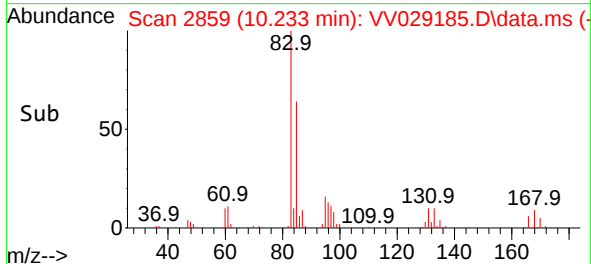
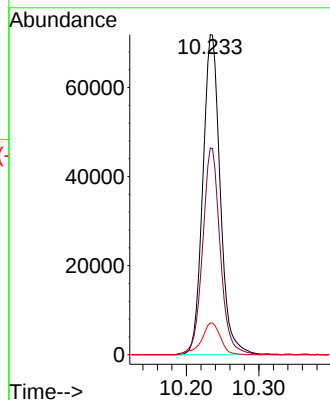
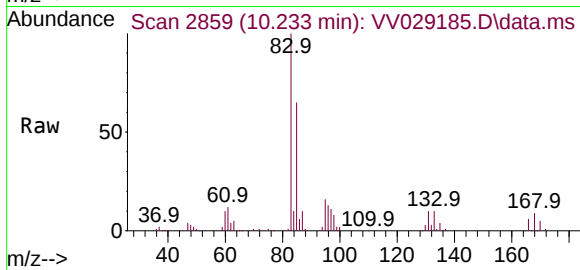




#57
1,1,2,2-Tetrachloroethane
Concen: 7.819 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

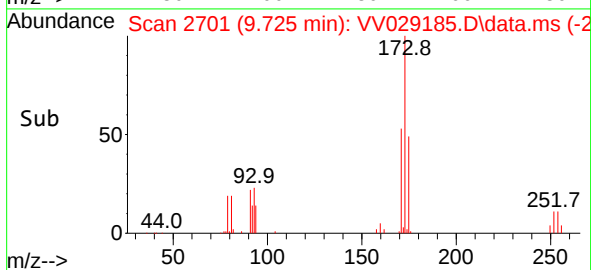
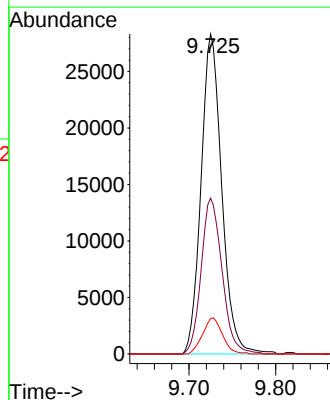
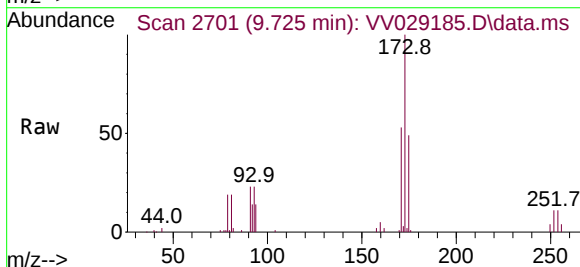
Instrument : MSVOA_V
ClientSampleId : H0AB9MS

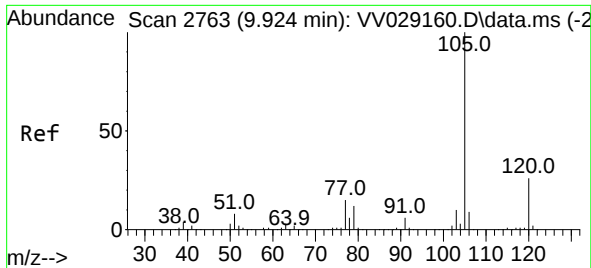
Tgt Ion: 83 Resp: 119487
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
131 9.9 7.5 11.3



#59
Bromoform
Concen: 5.799 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 173 Resp: 47019
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.4
254 10.8 8.5 12.7

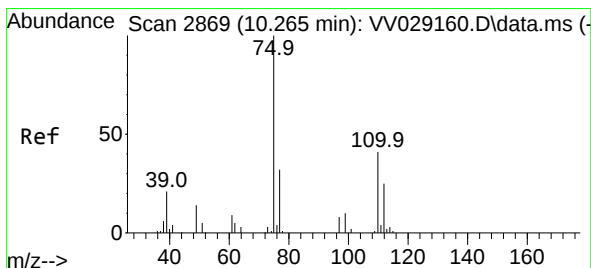
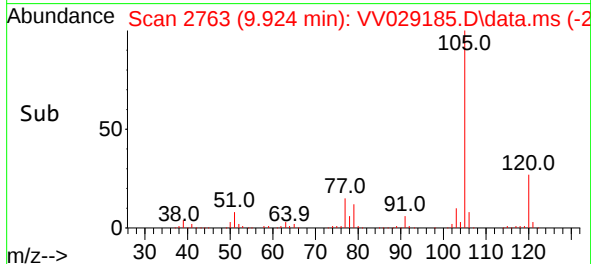
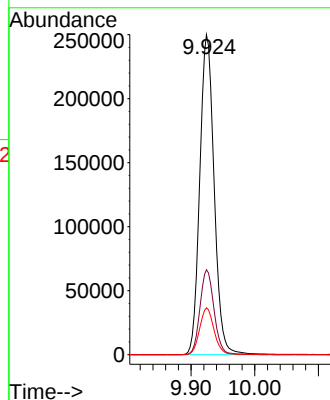
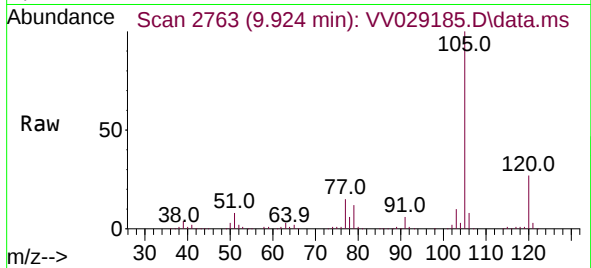




#60
Isopropylbenzene
Concen: 4.064 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

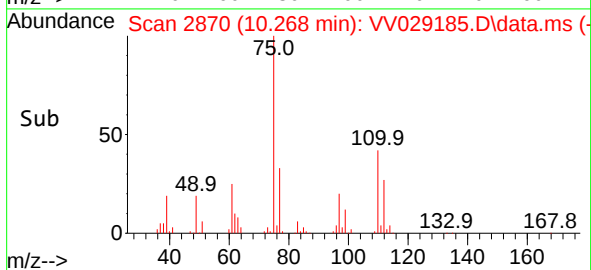
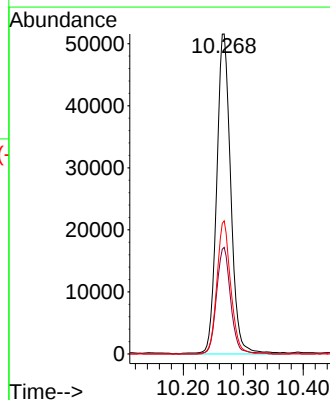
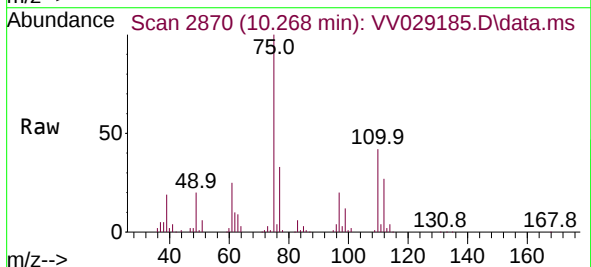
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

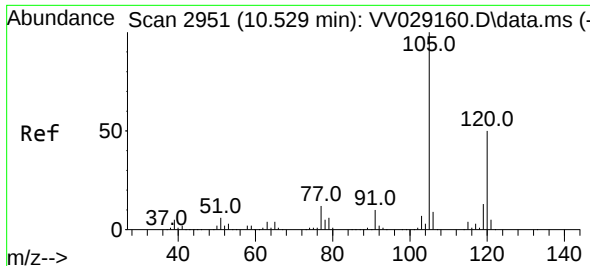
Tgt Ion:105 Resp: 392313
Ion Ratio Lower Upper
105 100
120 26.0 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 8.256 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 75 Resp: 83913
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2
110 40.5 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 4.072 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

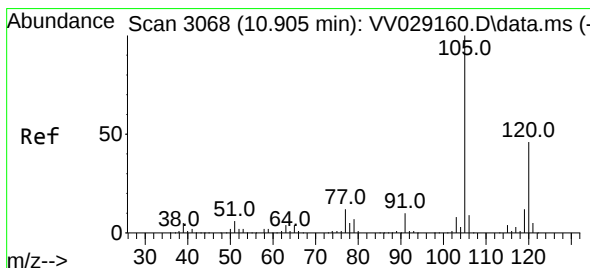
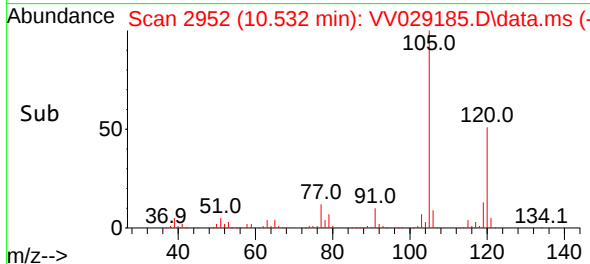
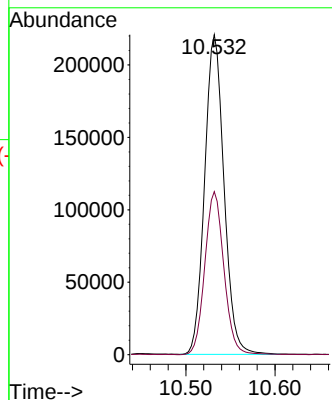
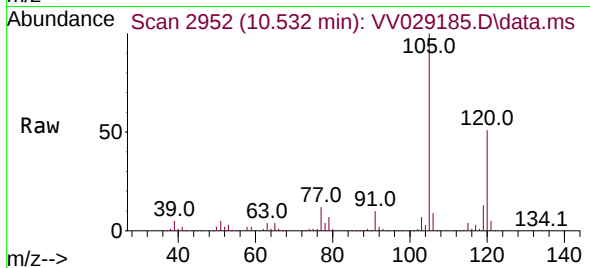
H0AB9MS

Tgt Ion:105 Resp: 333027

Ion Ratio Lower Upper

105 100

120 50.4 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.170 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV029185.D

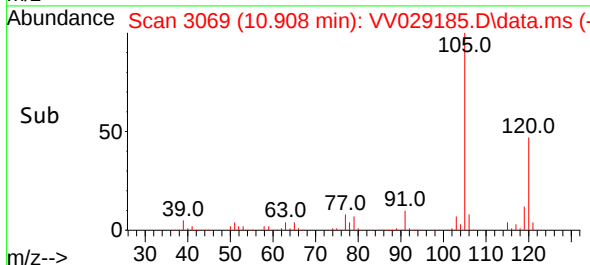
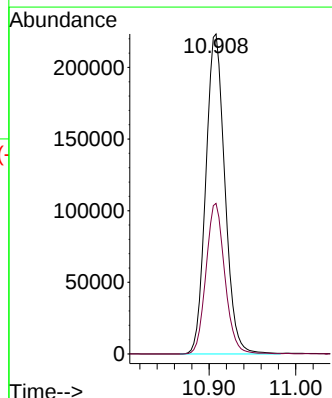
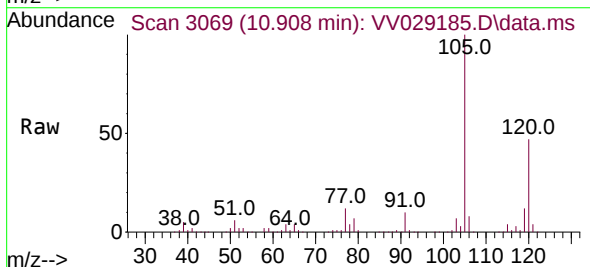
Acq: 19 Nov 2022 20:57

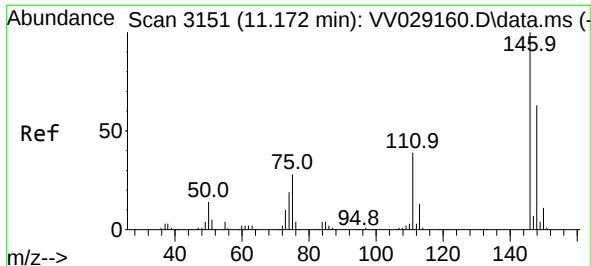
Tgt Ion:105 Resp: 341592

Ion Ratio Lower Upper

105 100

120 46.5 37.8 56.8

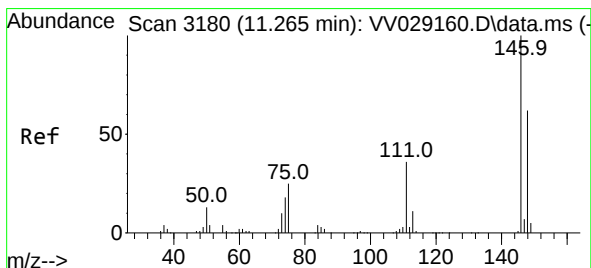
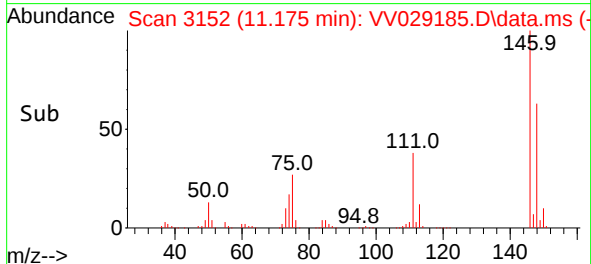
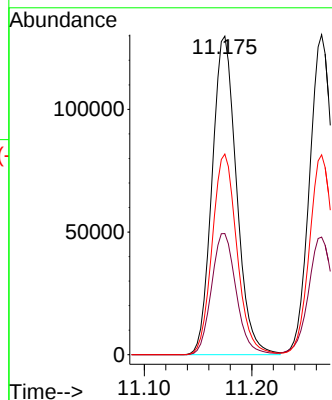
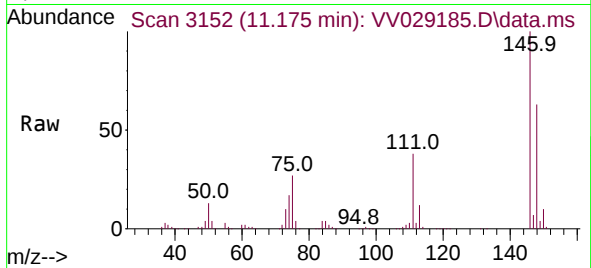




#64
1,3-Dichlorobenzene
Concen: 4.520 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

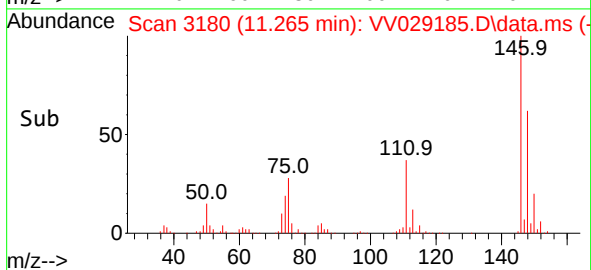
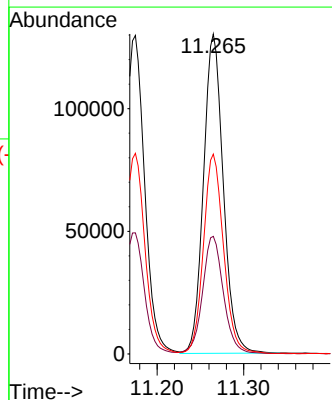
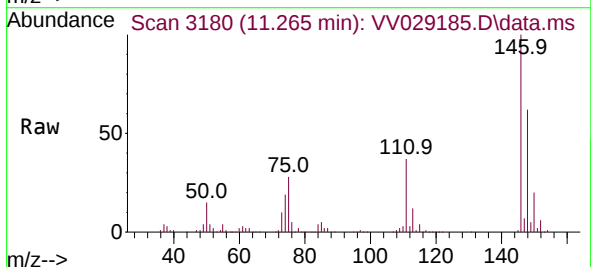
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

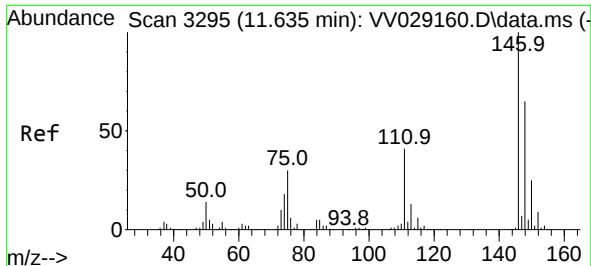
Tgt Ion:146 Resp: 205031
Ion Ratio Lower Upper
146 100
111 38.1 26.9 50.1
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.537 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion:146 Resp: 206887
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.3
148 62.4 44.5 82.7

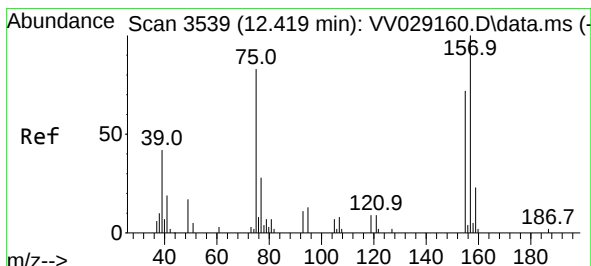
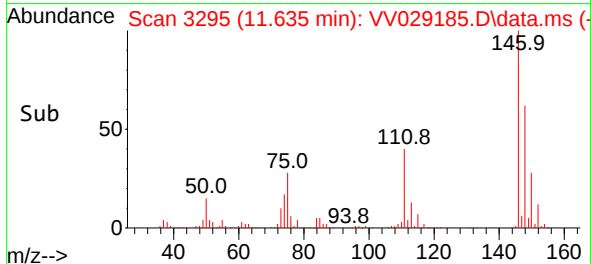
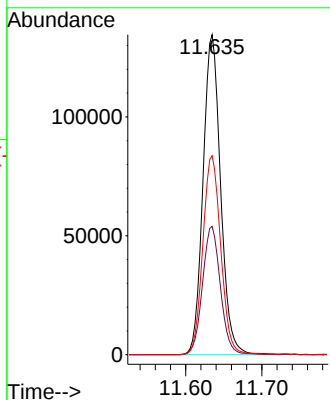
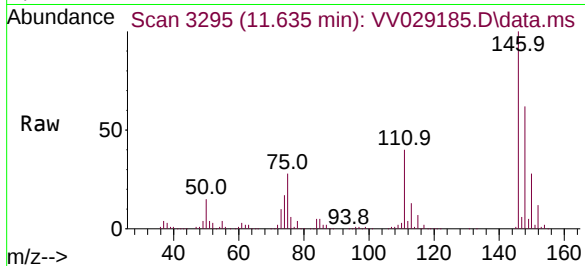




#67
1,2-Dichlorobenzene
Concen: 5.308 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

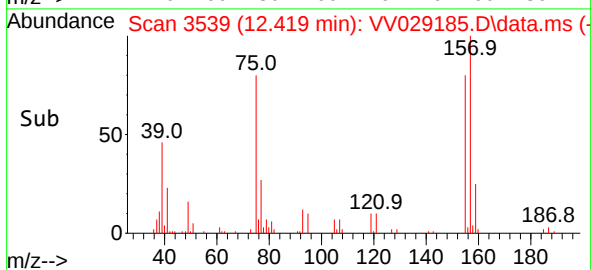
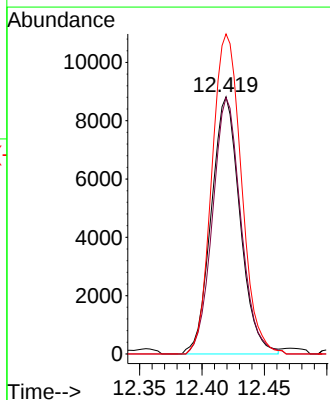
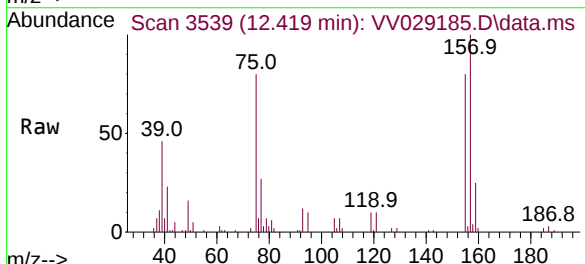
Instrument :
MSVOA_V
ClientSampleId :
H0AB9MS

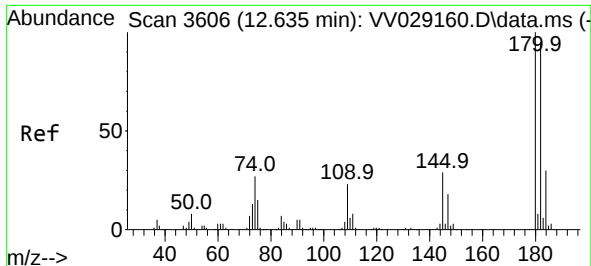
Tgt Ion:146 Resp: 216305
Ion Ratio Lower Upper
146 100
111 40.1 32.4 48.6
148 62.2 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 7.099 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV029185.D
Acq: 19 Nov 2022 20:57

Tgt Ion: 75 Resp: 14196
Ion Ratio Lower Upper
75 100
155 99.7 64.8 97.2#
157 124.4 86.3 129.5

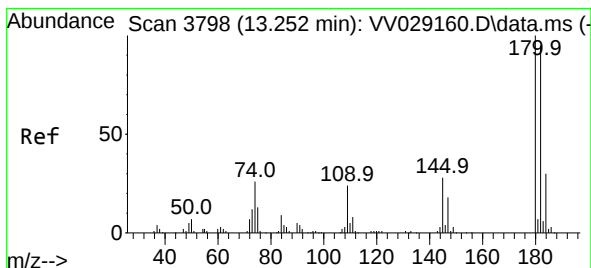
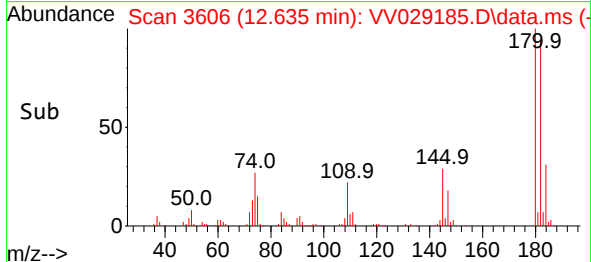
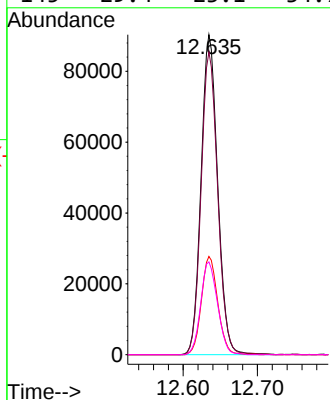
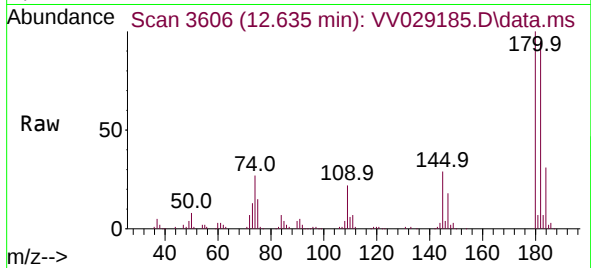




#69
 1,3,5-Trichlorobenzene
 Concen: 3.999 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

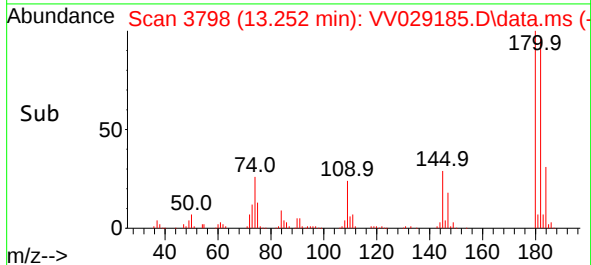
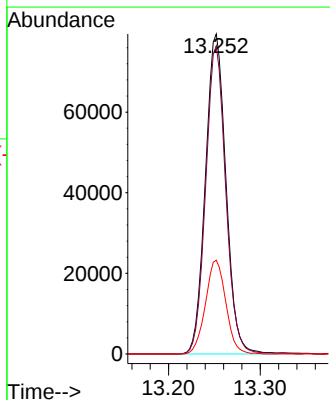
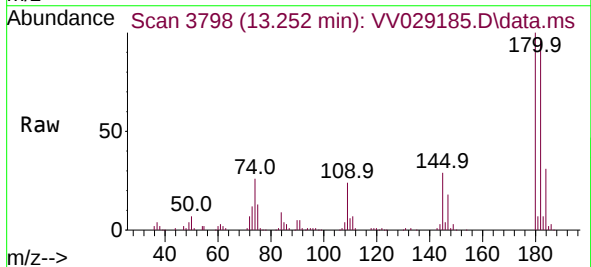
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB9MS

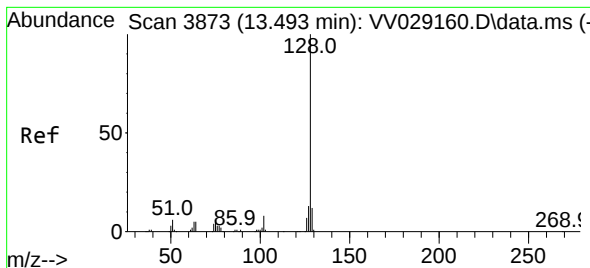
Tgt Ion:180	Resp:	139952
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.7 115.1
184	30.3	24.0 36.0
145	29.4	23.1 34.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.671 ug/L
 RT: 13.252 min Scan# 3798
 Delta R.T. -0.000 min
 Lab File: VV029185.D
 Acq: 19 Nov 2022 20:57

Tgt Ion:180	Resp:	123637
Ion Ratio	Lower	Upper
180	100	
182	94.1	74.3 111.5
145	29.1	23.7 35.5





#71

Naphthalene

Concen: 8.134 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

H0AB9MS

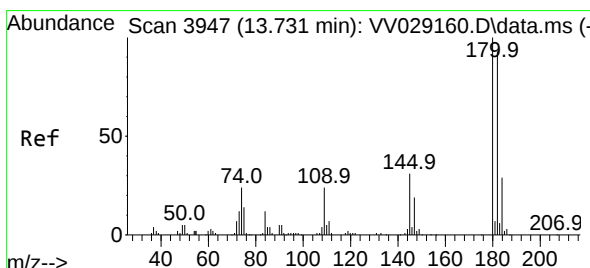
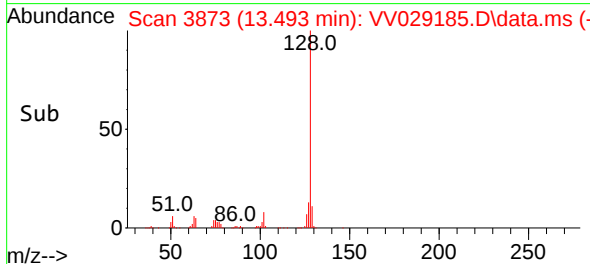
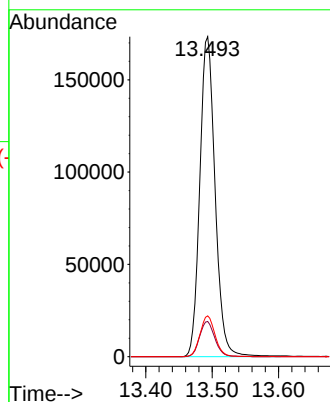
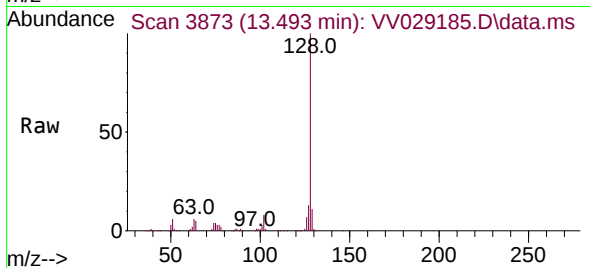
Tgt Ion:128 Resp: 277798

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.6 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.562 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.000 min

Lab File: VV029185.D

Acq: 19 Nov 2022 20:57

Tgt Ion:180 Resp: 124678

Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 30.9 24.9 37.3

