

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032585.D
 Acq On : 24 Oct 2023 11:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 05:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 21 02:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	111160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47463	5.955	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.000%		
7) Chloroethane-d5	1.532	69	40412	6.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 125.000%		
11) 1,1-Dichloroethene-d2	2.056	65	19851	5.905	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 118.200%		
20) 2-Butanone-d5	3.822	46	102334	50.753	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.500%		
24) Chloroform-d	4.249	84	81015	5.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.200%		
26) 1,2-Dichloroethane-d4	4.944	65	40144	6.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 120.600%		
32) Benzene-d6	4.960	84	153471	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.800%		
36) 1,2-Dichloropropane-d6	5.989	67	45709	4.218	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 84.400%		
41) Toluene-d8	7.243	98	160928	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.600%		
43) trans-1,3-Dichloroprop...	7.558	79	19510	5.080	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.600%		
46) 2-Hexanone-d5	8.030	63	87664	48.518	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.040%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	39635	5.229	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.600%		
66) 1,2-Dichlorobenzene-d4	11.564	152	53703	5.101	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	52939	4.847	ug/L	100
3) Chloromethane	1.214	50	52574	4.775	ug/L	100
5) Vinyl chloride	1.281	62	53387	5.084	ug/L	99
6) Bromomethane	1.487	94	32623	5.143	ug/L	99
8) Chloroethane	1.548	64	33151	5.244	ug/L	99
9) Trichlorofluoromethane	1.712	101	69819	5.544	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	43198	5.661	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39131	5.444	ug/L	92
13) Acetone	2.153	43	86399	55.596	ug/L	65
14) Carbon disulfide	2.240	76	101903	4.056	ug/L	100
15) Methyl Acetate	2.391	43	17098	4.887	ug/L #	89
16) Methylene chloride	2.445	84	42761	4.563	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	91067	4.654	ug/L #	95
18) trans-1,2-Dichloroethene	2.693	96	38335	4.656	ug/L	97
19) 1,1-Dichloroethane	3.111	63	75314	4.863	ug/L	99
21) 2-Butanone	3.902	43	98212	40.412	ug/L	92
22) cis-1,2-Dichloroethene	3.815	96	41853	4.721	ug/L	97
23) Bromochloromethane	4.149	128	18428	4.941	ug/L	99
25) Chloroform	4.278	83	81509	5.364	ug/L	98

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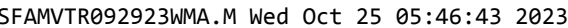
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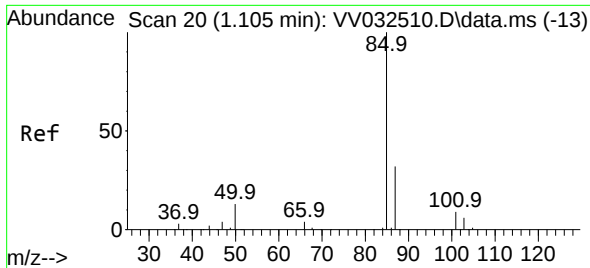
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	49146	5.475	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	66052	4.370	ug/L	98
30) Cyclohexane	4.580	56	56538	3.404	ug/L	96
31) Carbon tetrachloride	4.735	117	56453	4.415	ug/L	99
33) Benzene	5.008	78	167270	4.274	ug/L	100
34) Trichloroethene	5.834	95	43643	4.085	ug/L	97
35) Methylcyclohexane	6.050	83	71370	4.317	ug/L	93
37) 1,2-Dichloropropane	6.095	63	39838	3.806	ug/L #	97
38) Bromodichloromethane	6.432	83	61182	4.920	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	64986	4.363	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	279635	42.218	ug/L	99
42) Toluene	7.317	91	191754	4.596	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	54124	4.421	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	34066	4.614	ug/L	94
47) Tetrachloroethene	7.905	164	35648	4.400	ug/L	98
48) 2-Hexanone	8.079	43	214991	46.005	ug/L	99
49) Dibromochloromethane	8.178	129	37643	4.897	ug/L	96
50) 1,2-Dibromoethane	8.284	107	31037	4.444	ug/L	99
51) Chlorobenzene	8.815	112	122459	4.559	ug/L	98
52) Ethylbenzene	8.947	91	205955	4.433	ug/L	99
53) m,p-Xylene	9.075	106	76410	4.435	ug/L	97
54) o-Xylene	9.480	106	74054	4.460	ug/L	96
55) Styrene	9.497	104	130035	4.638	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	40470	4.982	ug/L	95
59) Bromoform	9.667	173	20124	4.878	ug/L	99
60) Isopropylbenzene	9.870	105	202936	4.602	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	28546	4.727	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	157197	4.374	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	158650	4.434	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	100449	4.769	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	99210	4.695	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	91556	4.766	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	5688	4.610	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	69150	4.483	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	57642	4.213	ug/L	99
71) Naphthalene	13.442	128	92303	3.971	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	53088	4.503	ug/L	98

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

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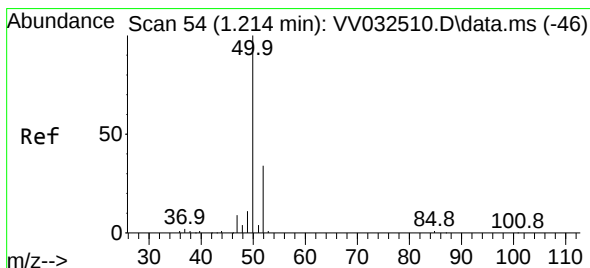
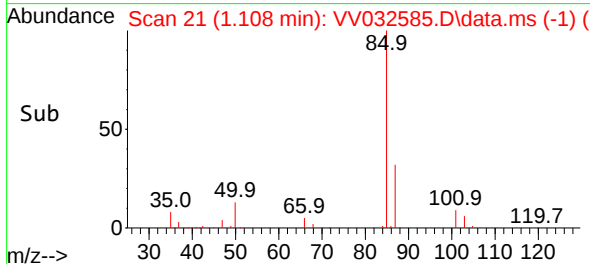
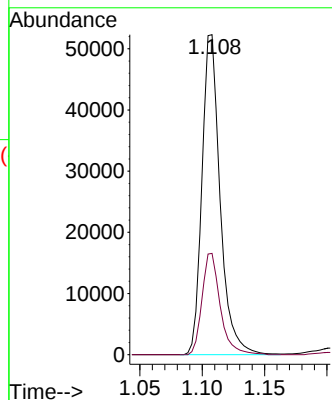
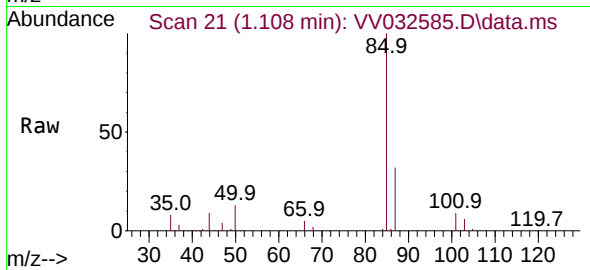




#2
 Dichlorodifluoromethane
 Concen: 4.847 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

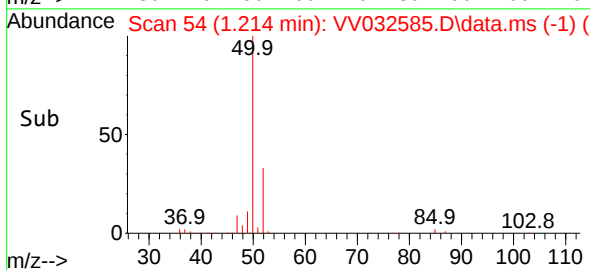
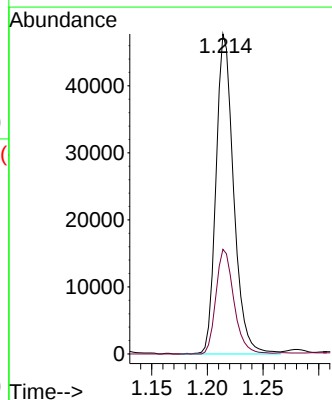
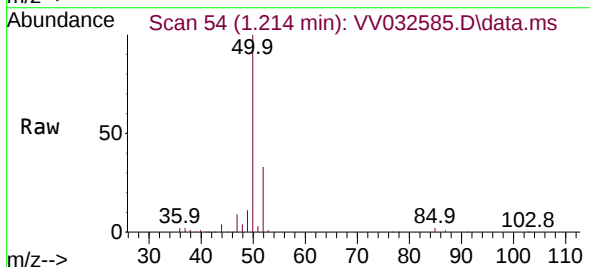
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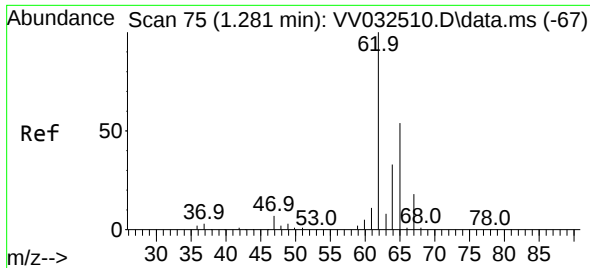
Tgt Ion: 85 Resp: 52939
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.5 38.3



#3
 Chloromethane
 Concen: 4.775 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

Tgt Ion: 50 Resp: 52574
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.6

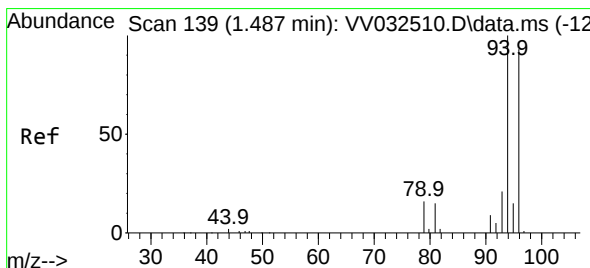
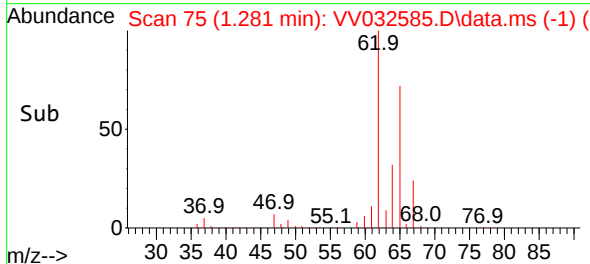
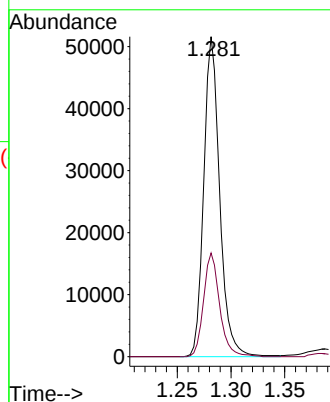
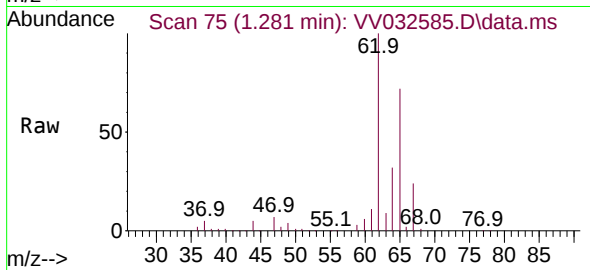




#5
 Vinyl chloride
 Concen: 5.084 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

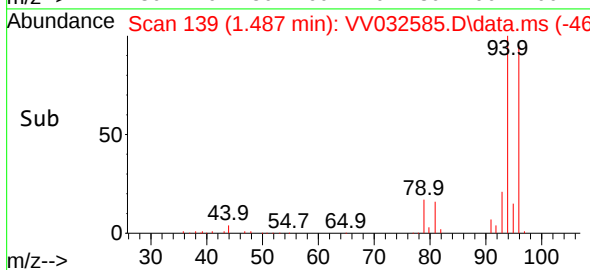
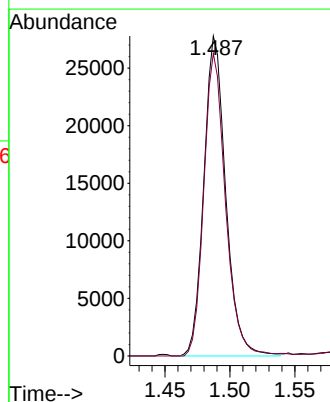
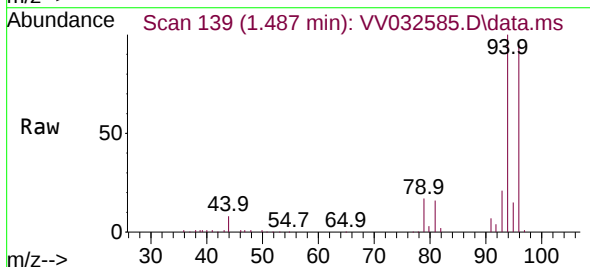
Instrument :
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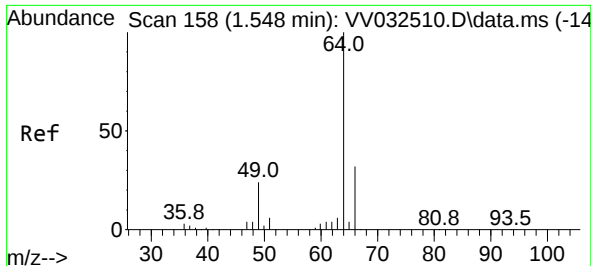
Tgt Ion: 62 Resp: 53387
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.1 42.9



#6
 Bromomethane
 Concen: 5.143 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

Tgt Ion: 94 Resp: 32623
 Ion Ratio Lower Upper
 94 100
 96 94.5 66.8 124.2

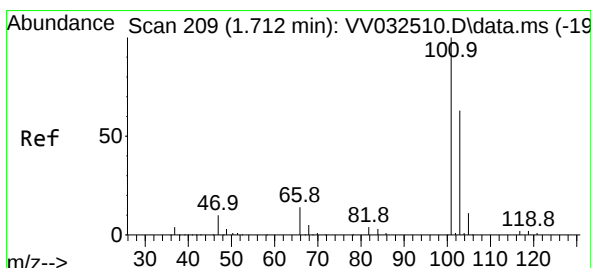
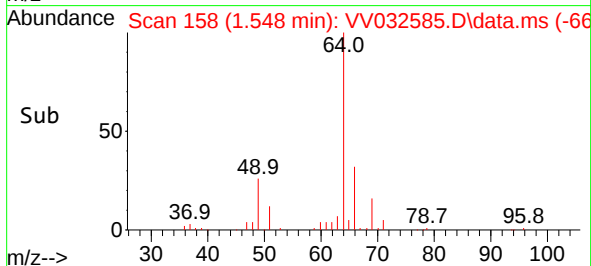
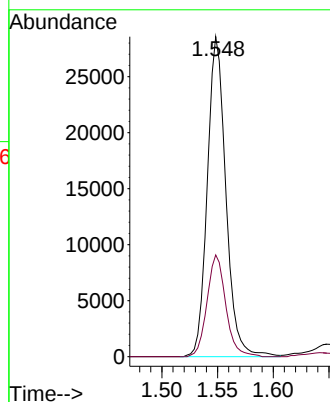
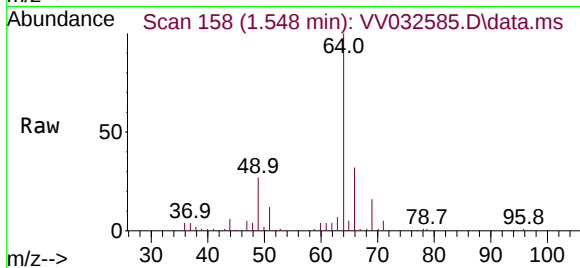




#8
Chloroethane
Concen: 5.244 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

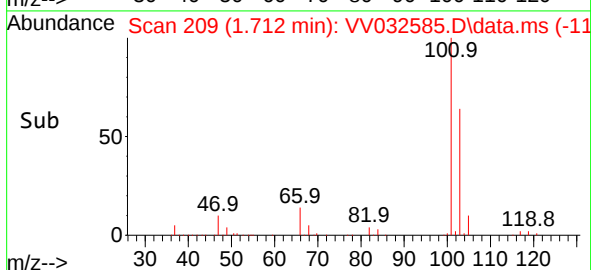
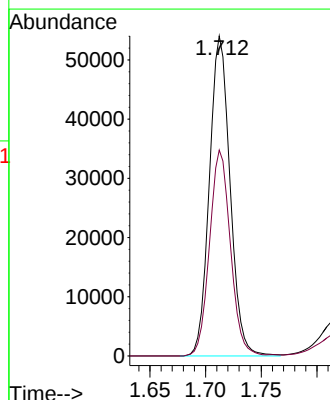
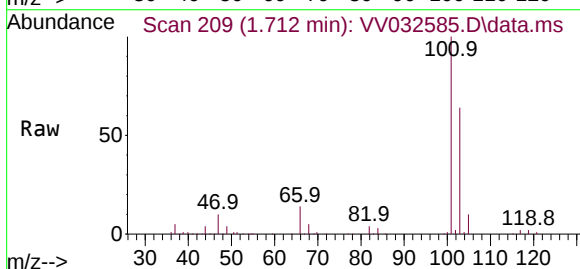
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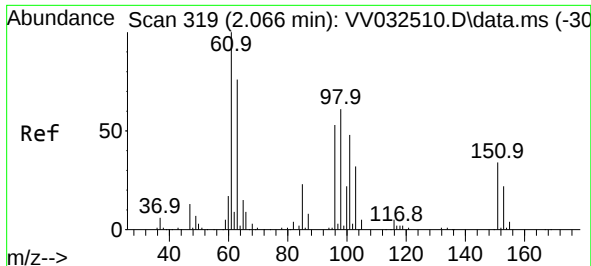
Tgt Ion: 64 Resp: 33151
Ion Ratio Lower Upper
64 100
66 31.8 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.544 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion:101 Resp: 69819
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

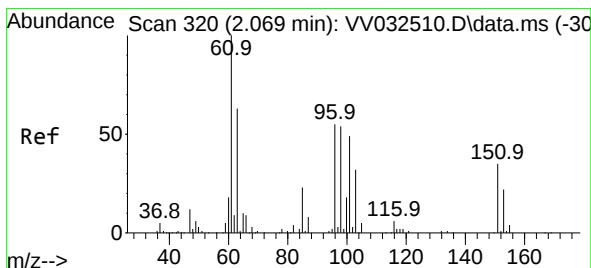
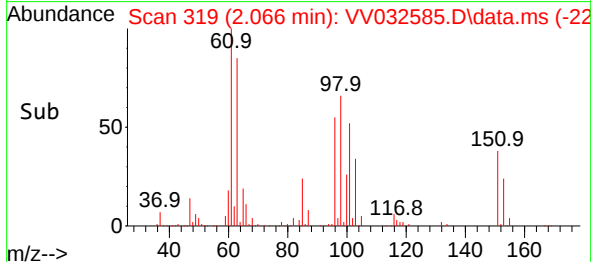
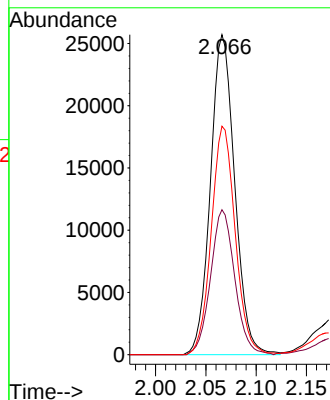
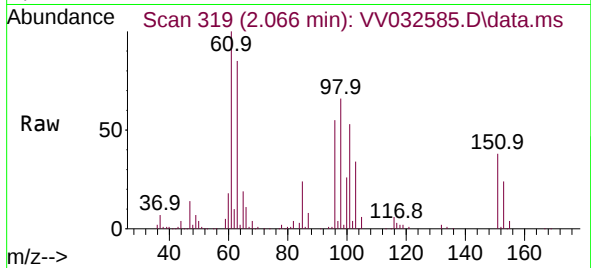




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.661 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

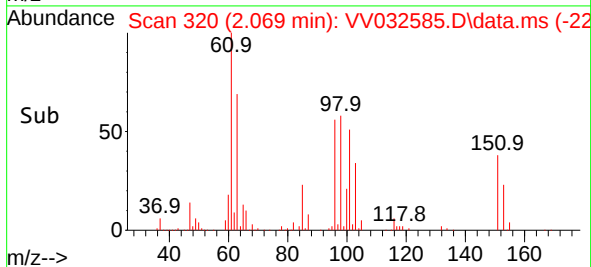
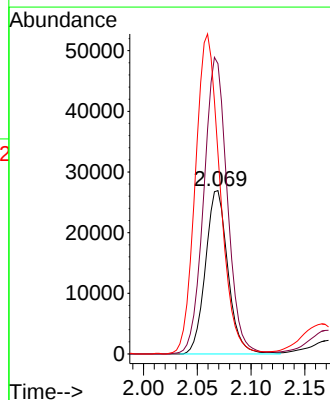
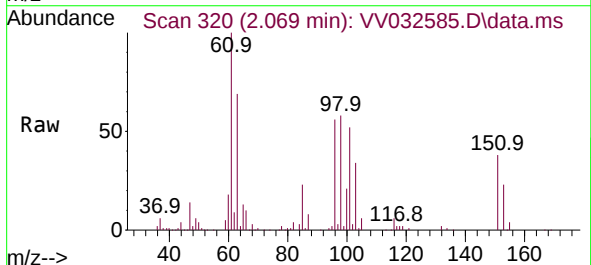
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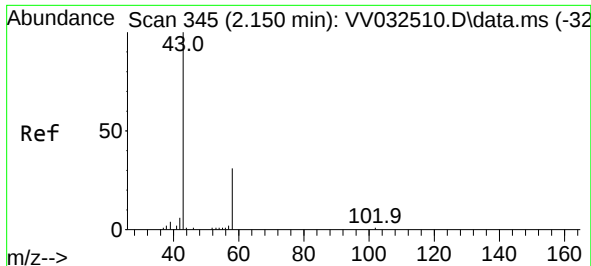
Tgt Ion:101 Resp: 43198
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.0 52.6
 151 70.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 5.444 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

Tgt Ion: 96 Resp: 39131
 Ion Ratio Lower Upper
 96 100
 61 177.6 127.3 236.3
 63 122.8 98.3 182.7





#13

Acetone

Concen: 55.596 ug/L

RT: 2.153 min Scan# 345

Delta R.T. 0.010 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

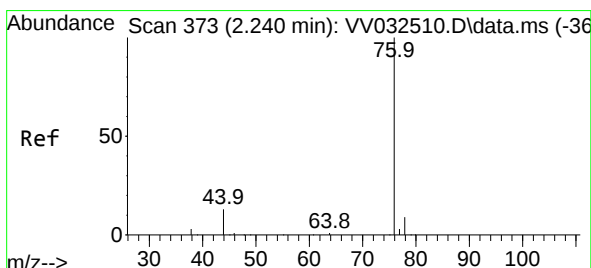
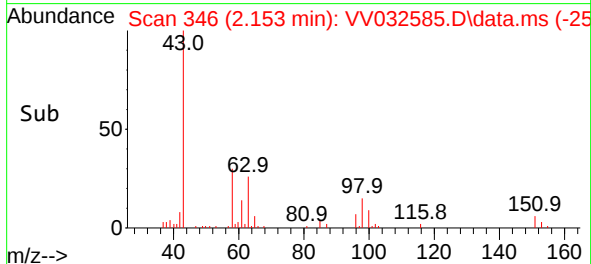
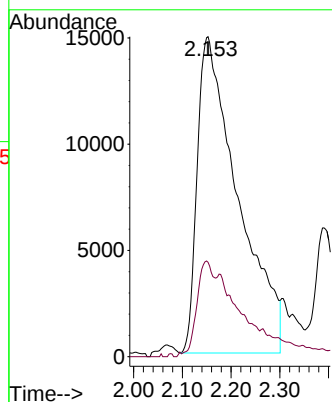
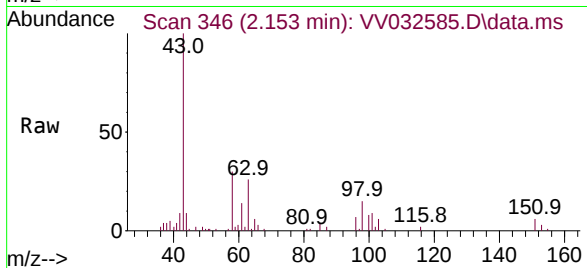
ClientSampleId :

Tgt Ion: 43 Resp: 86399

Ion Ratio Lower Upper

43 100

58 13.0 0.0 66.0



#14

Carbon disulfide

Concen: 4.056 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV032585.D

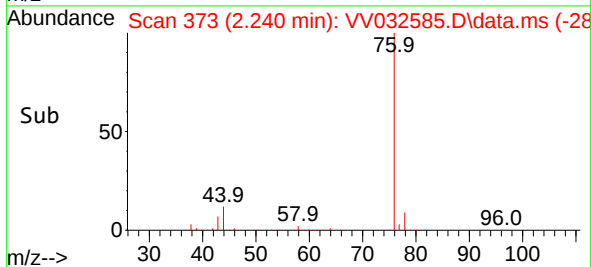
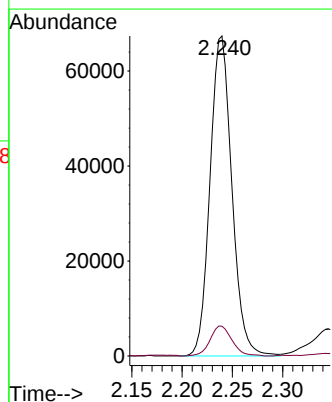
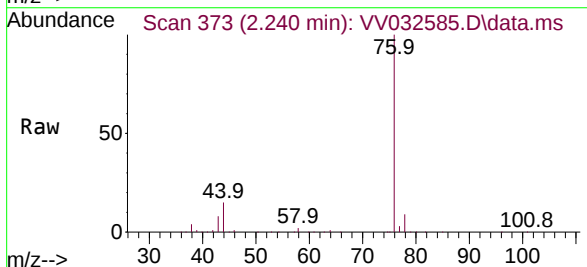
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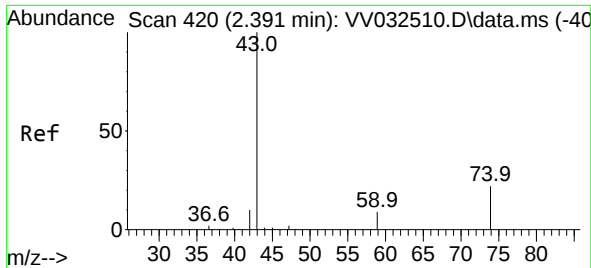
Tgt Ion: 76 Resp: 101903

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

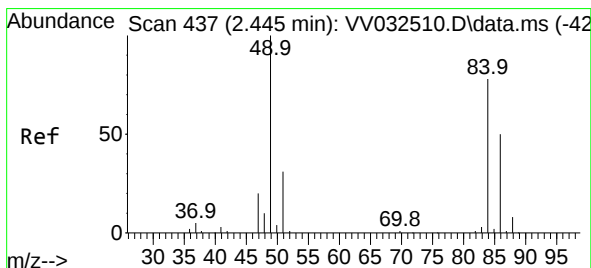
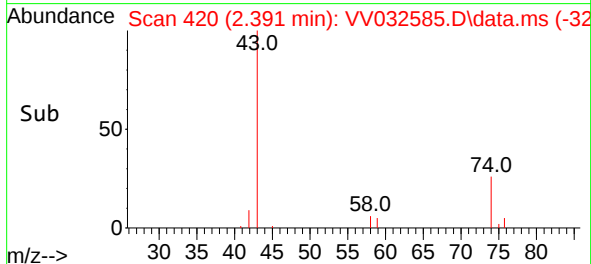
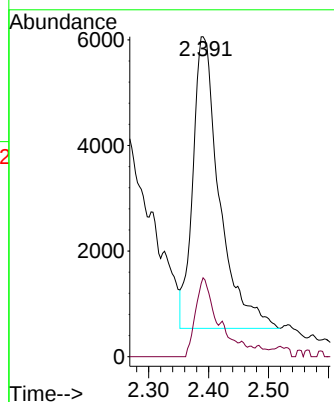
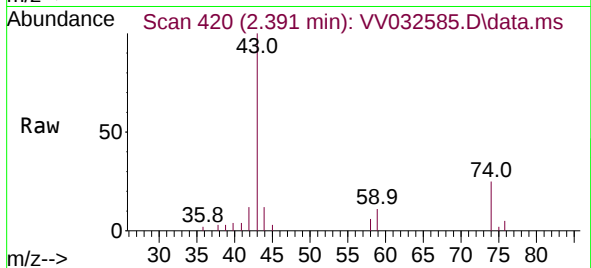




#15
Methyl Acetate
Concen: 4.887 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

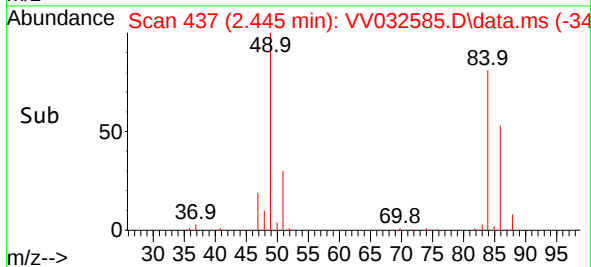
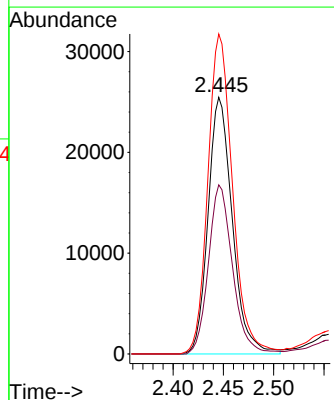
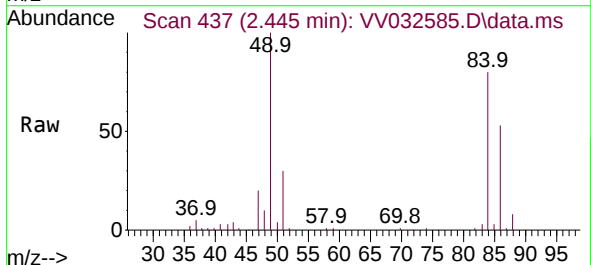
Instrument :
MSVOA_V
ClientSampleId :

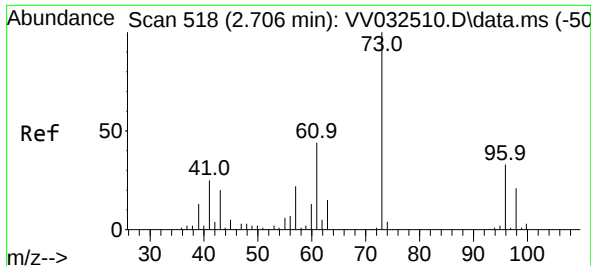
Tgt Ion: 43 Resp: 17098
Ion Ratio Lower Upper
43 100
74 17.3 18.0 27.0#



#16
Methylene chloride
Concen: 4.563 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion: 84 Resp: 42761
Ion Ratio Lower Upper
84 100
86 65.9 43.2 80.2
49 124.7 86.3 160.3

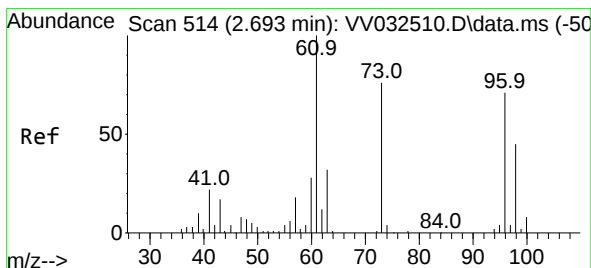
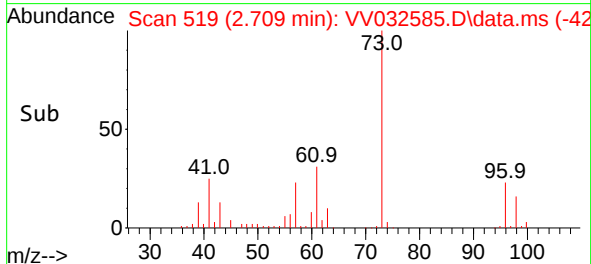
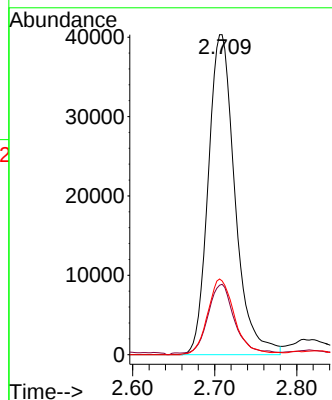
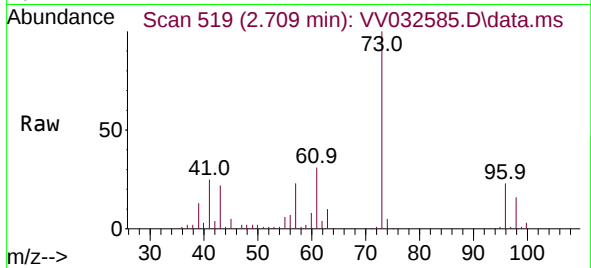




#17
Methyl tert-butyl Ether
Concen: 4.654 ug/L
RT: 2.709 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

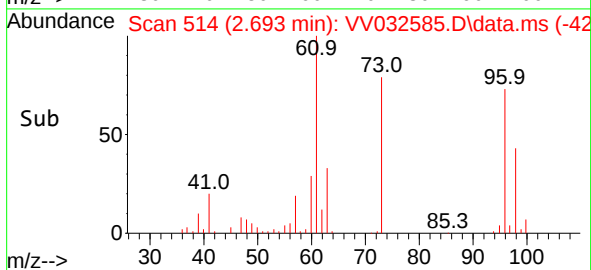
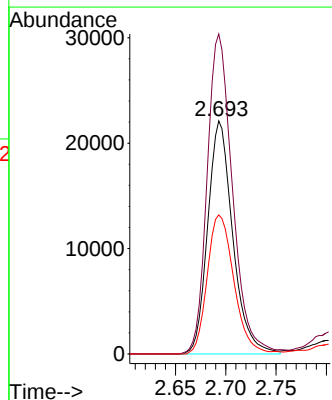
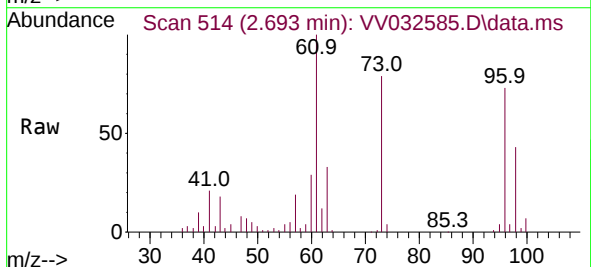
Instrument :
MSVOA_V
ClientSampleId :

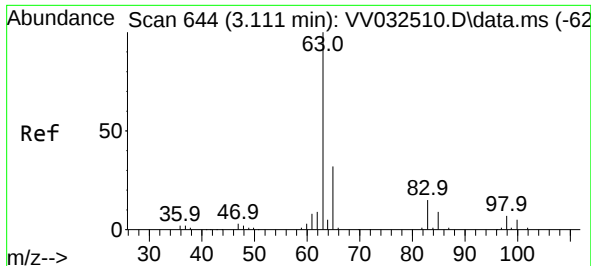
Tgt Ion: 73 Resp: 91067
Ion Ratio Lower Upper
73 100
43 22.8 15.1 22.7#
57 24.0 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.656 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion: 96 Resp: 38335
Ion Ratio Lower Upper
96 100
61 137.3 96.9 180.1
98 59.7 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.863 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

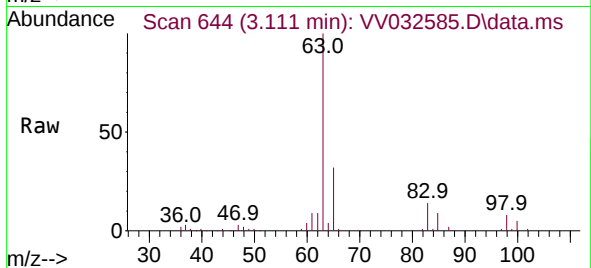
Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

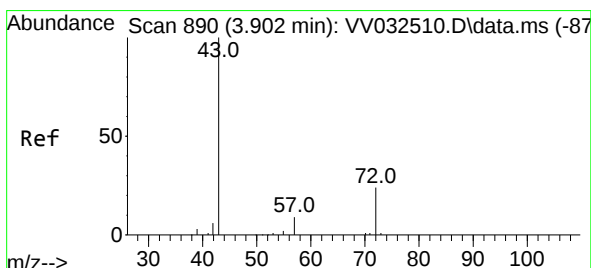
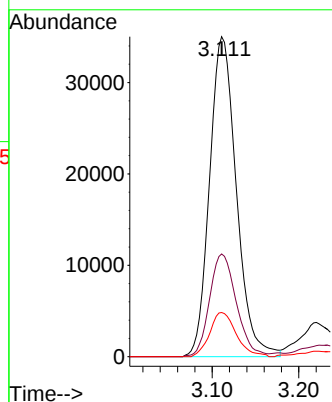
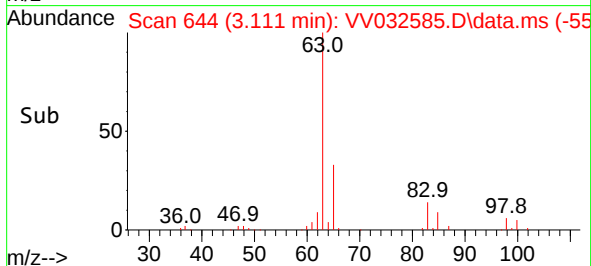
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	75314
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	13.8	9.0	16.6



#21

2-Butanone

Concen: 40.412 ug/L

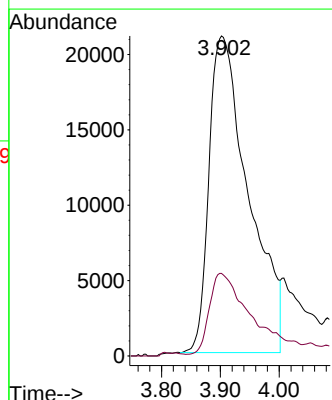
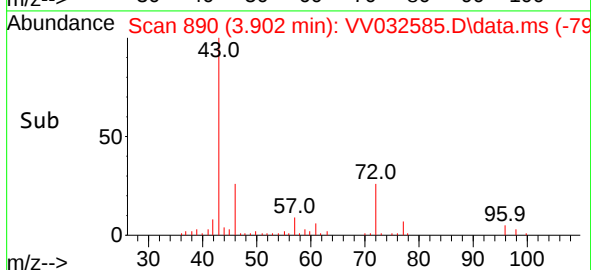
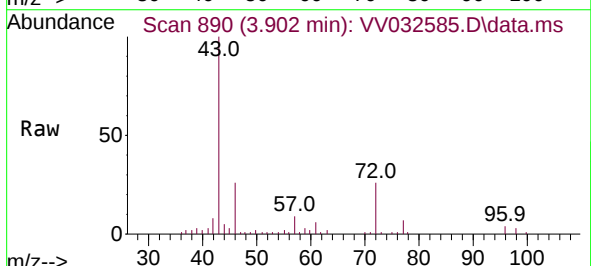
RT: 3.902 min Scan# 890

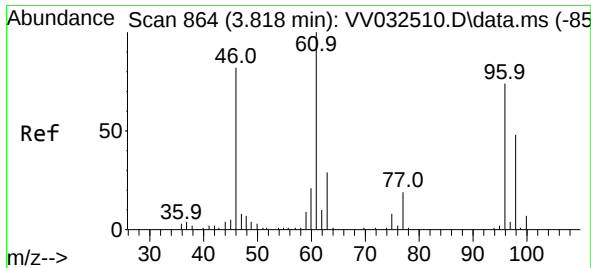
Delta R.T. 0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Tgt Ion:	43	Resp:	98212
Ion	Ratio	Lower	Upper
43	100		
72	27.2	11.6	34.8





#22

cis-1,2-Dichloroethene

Concen: 4.721 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

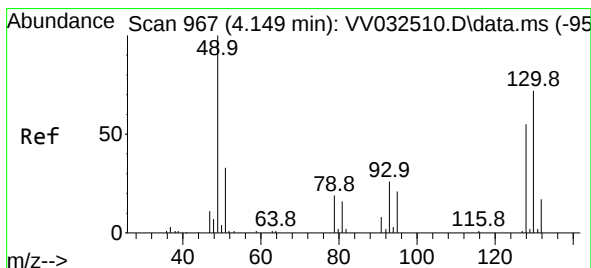
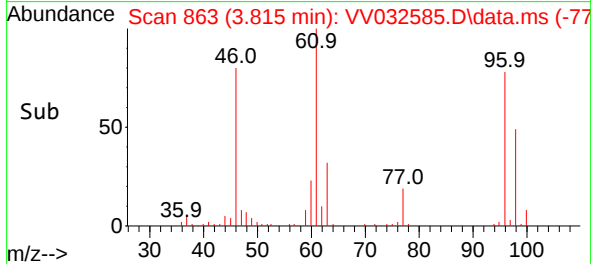
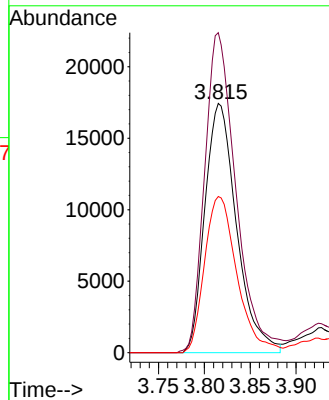
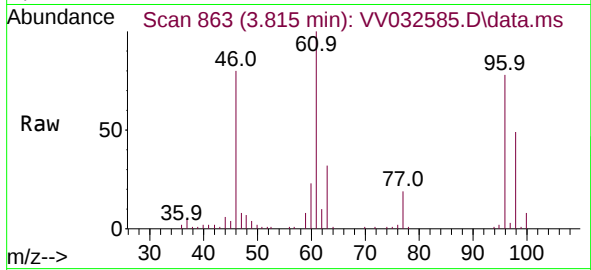
Tgt Ion: 96 Resp: 41853

Ion Ratio Lower Upper

96 100

61 128.4 85.8 159.4

98 62.7 44.0 81.6



#23

Bromochloromethane

Concen: 4.941 ug/L

RT: 4.149 min Scan# 967

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Tgt Ion: 128 Resp: 18428

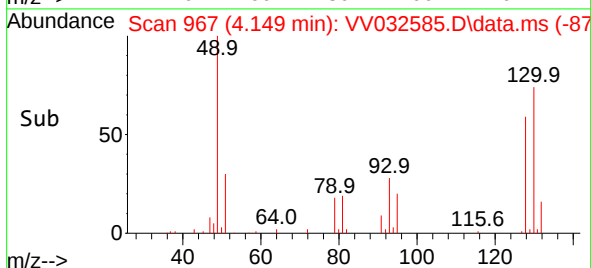
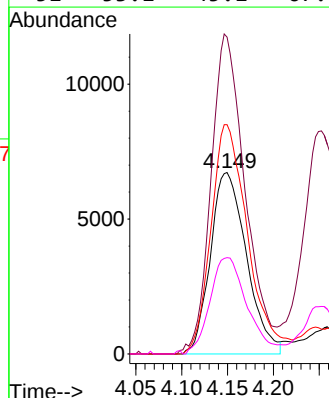
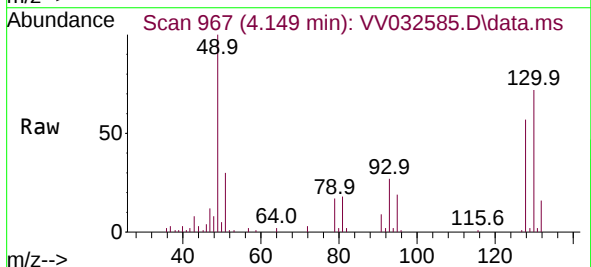
Ion Ratio Lower Upper

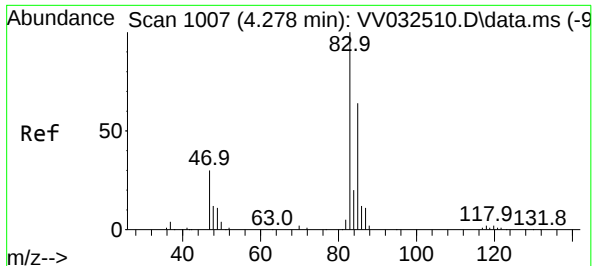
128 100

49 174.6 121.2 225.0

130 126.4 88.2 163.8

51 53.1 45.1 67.7





#25

Chloroform

Concen: 5.364 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

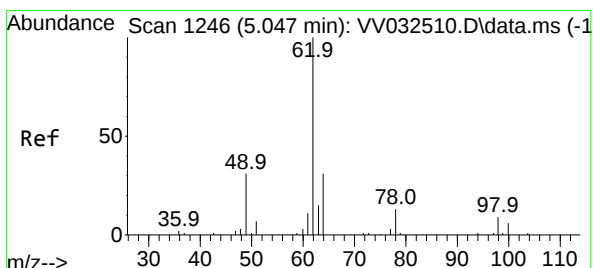
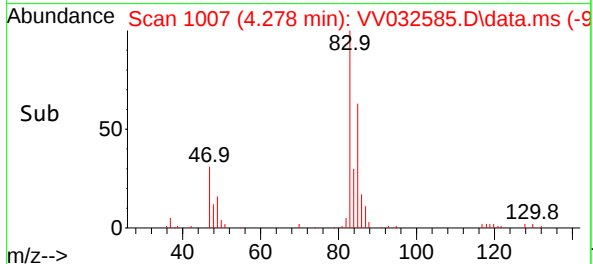
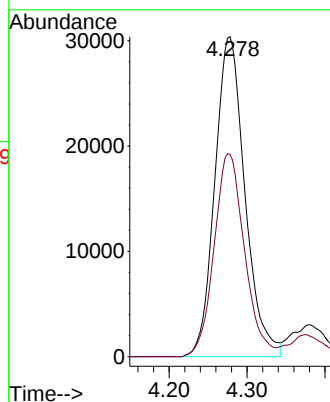
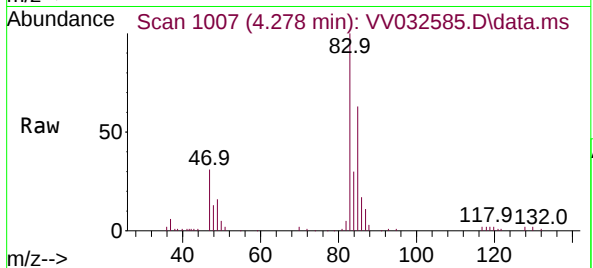
ClientSampleId :

Tgt Ion: 83 Resp: 81509

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.475 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV032585.D

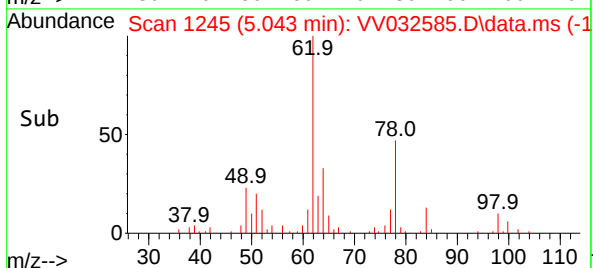
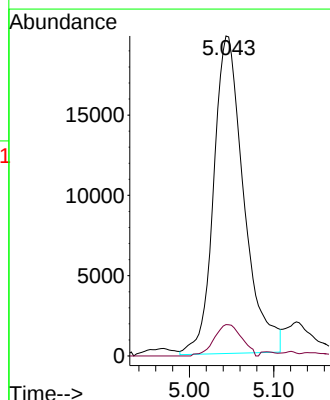
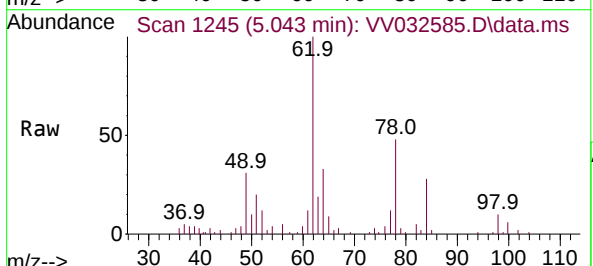
Acq: 24 Oct 2023 11:46

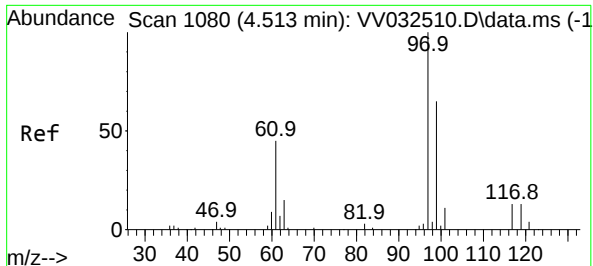
Tgt Ion: 62 Resp: 49146

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.370 ug/L

RT: 4.513 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

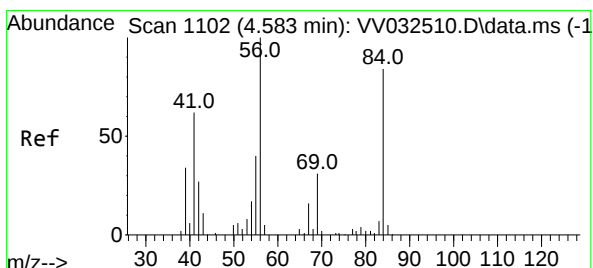
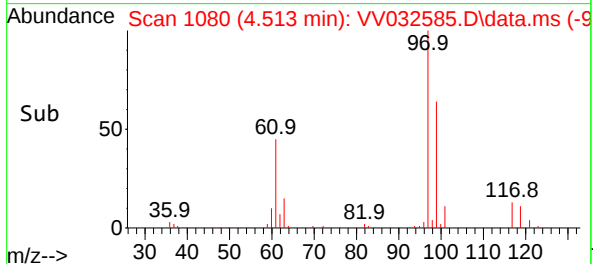
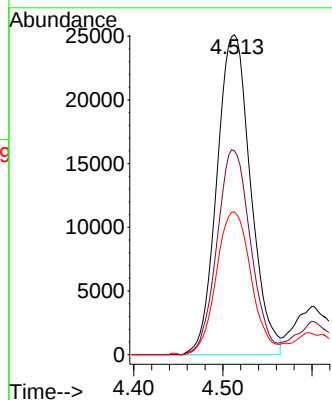
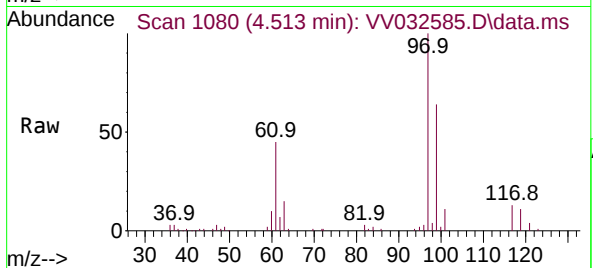
Tgt Ion: 97 Resp: 66052

Ion Ratio Lower Upper

97 100

99 64.0 50.1 75.1

61 46.1 35.1 52.7



#30

Cyclohexane

Concen: 3.404 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

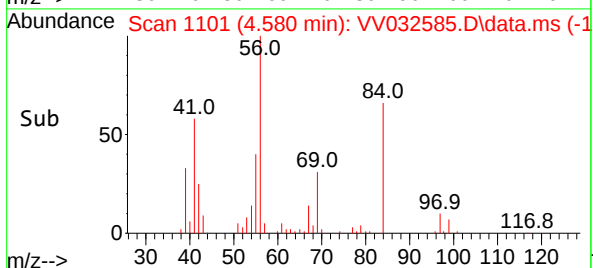
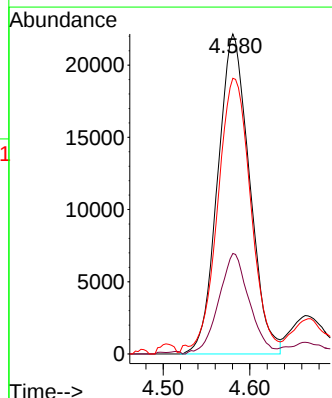
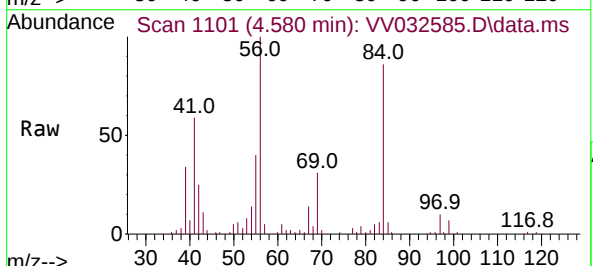
Tgt Ion: 56 Resp: 56538

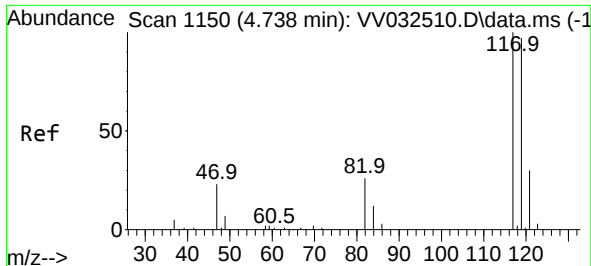
Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.2

84 89.4 68.1 102.1

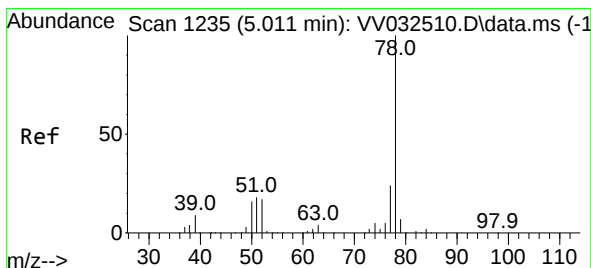
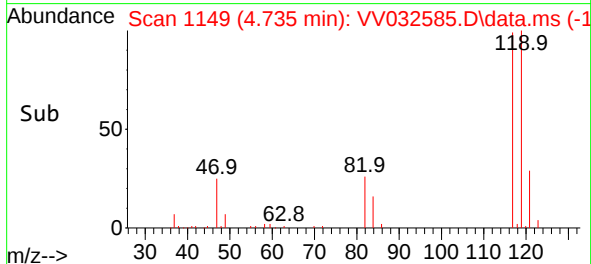
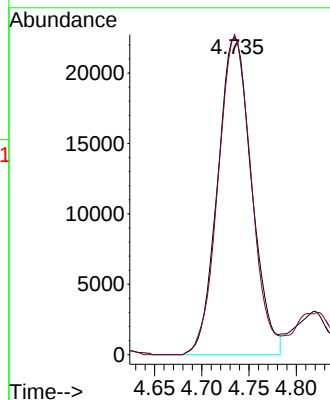
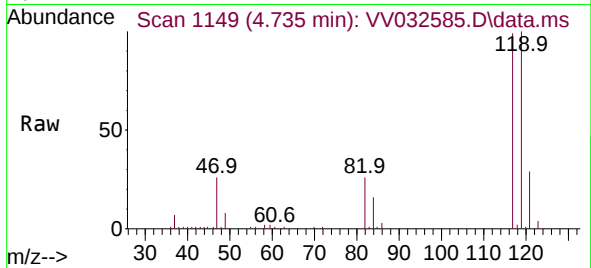




#31
Carbon tetrachloride
Concen: 4.415 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

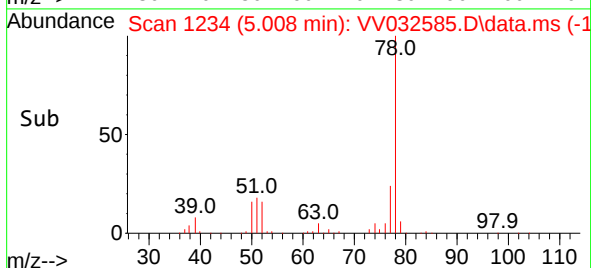
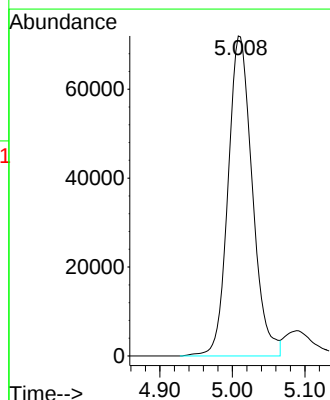
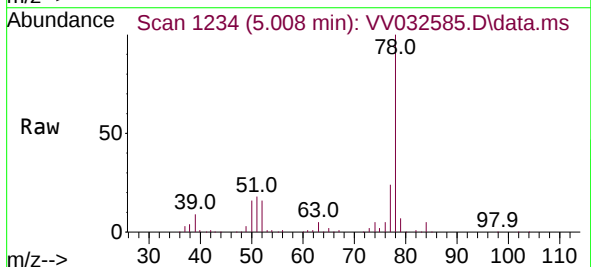
Instrument :
MSVOA_V
ClientSampleId :

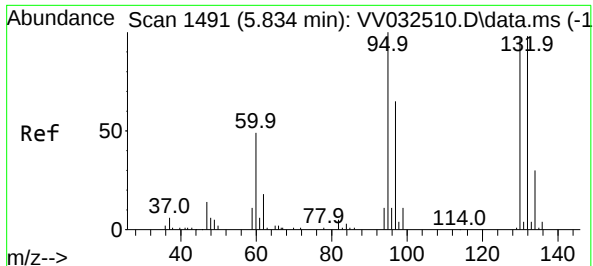
Tgt Ion:117 Resp: 56453
Ion Ratio Lower Upper
117 100
119 97.9 77.6 116.4



#33
Benzene
Concen: 4.274 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

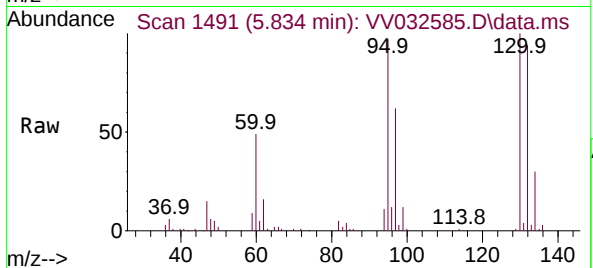
Tgt Ion: 78 Resp: 167270



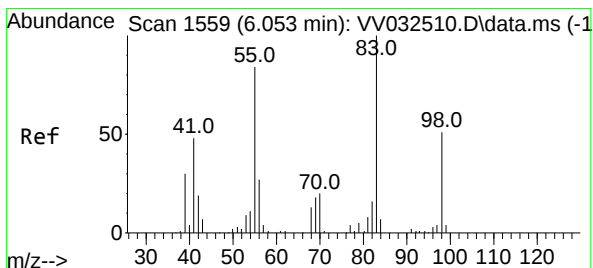
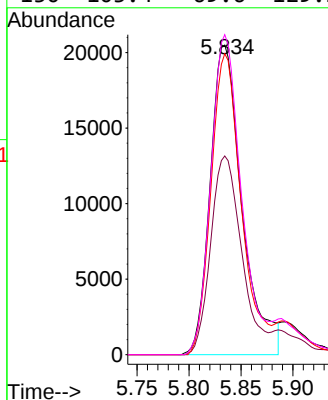
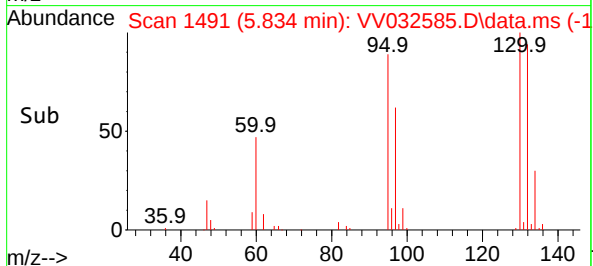


#34
Trichloroethene
Concen: 4.085 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

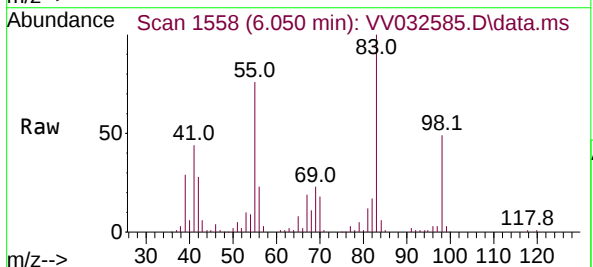
Instrument :
MSVOA_V
ClientSampleId :



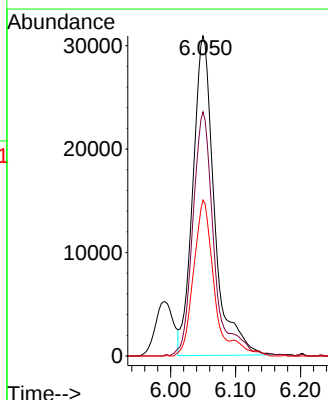
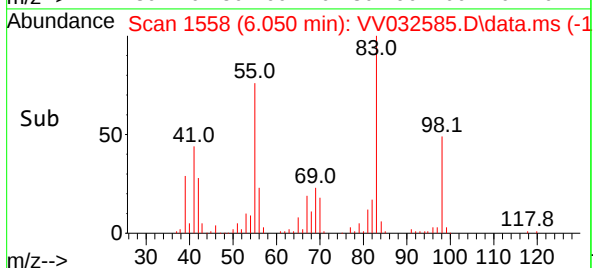
Tgt Ion: 95 Resp: 43643
Ion Ratio Lower Upper
95 100
97 64.2 45.7 84.9
132 97.2 70.3 130.5
130 103.4 69.6 129.2

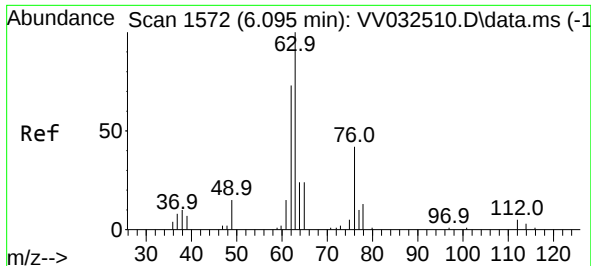


#35
Methylcyclohexane
Concen: 4.317 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46



Tgt Ion: 83 Resp: 71370
Ion Ratio Lower Upper
83 100
55 75.2 64.2 96.2
98 43.7 39.6 59.4





#37

1,2-Dichloropropane

Concen: 3.806 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

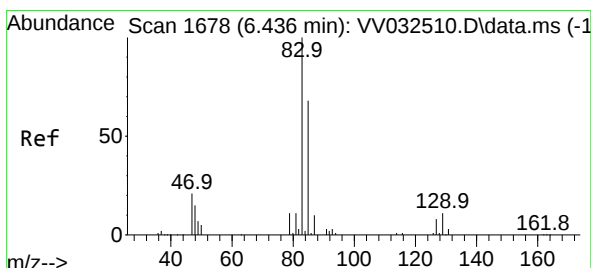
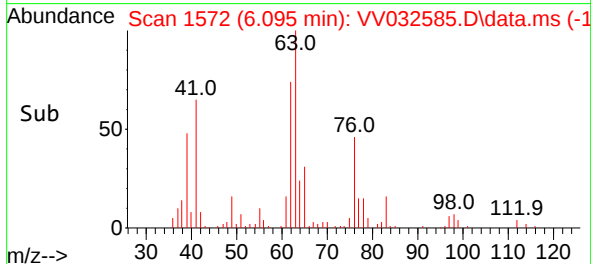
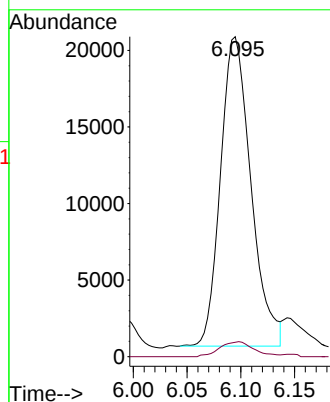
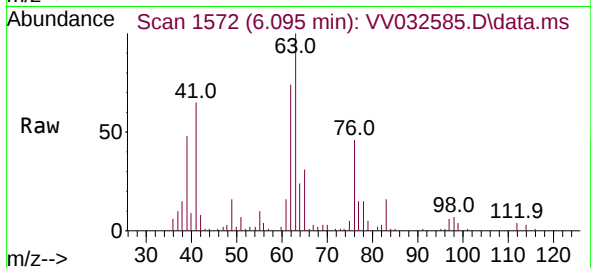
ClientSampleId :

Tgt Ion: 63 Resp: 39838

Ion Ratio Lower Upper

63 100

112 5.4 3.4 5.2#



#38

Bromodichloromethane

Concen: 4.920 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

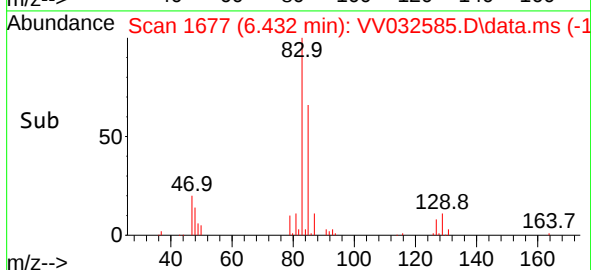
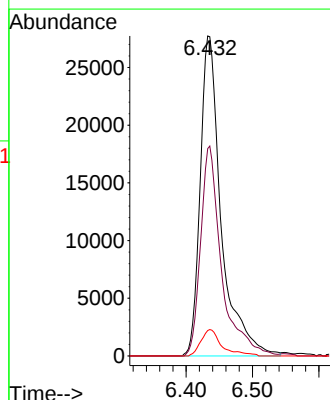
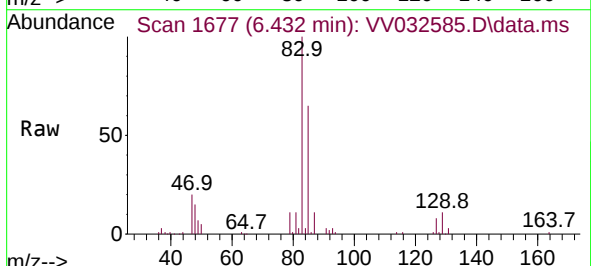
Tgt Ion: 83 Resp: 61182

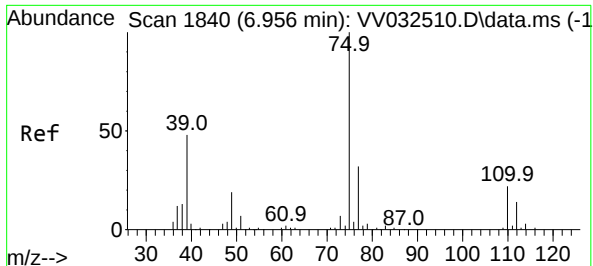
Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.3

127 8.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.363 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

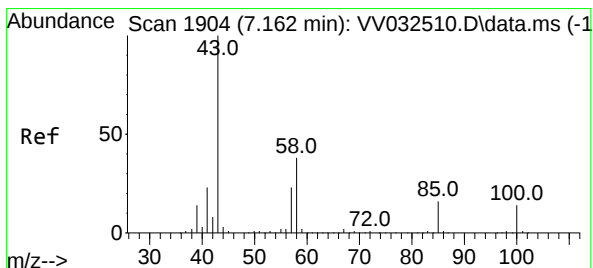
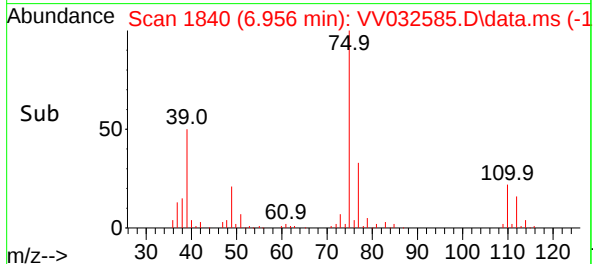
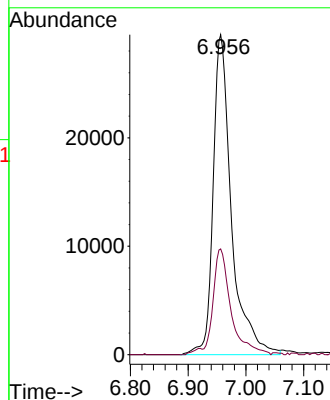
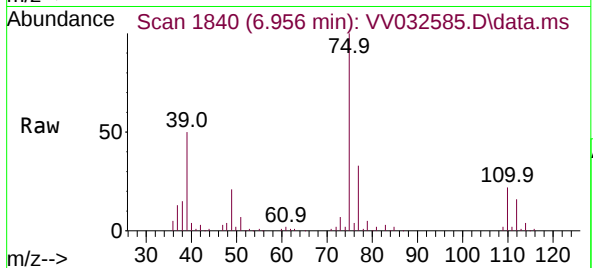
ClientSampleId :

Tgt Ion: 75 Resp: 64986

Ion Ratio Lower Upper

75 100

77 33.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 42.218 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

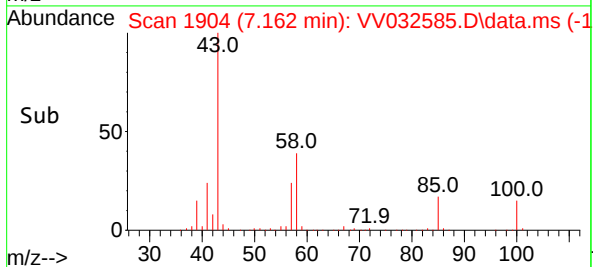
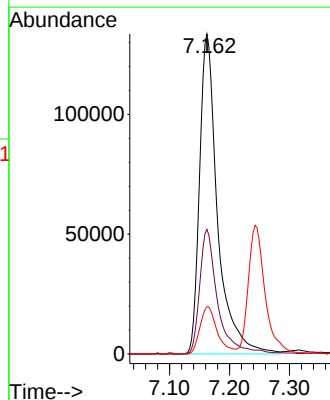
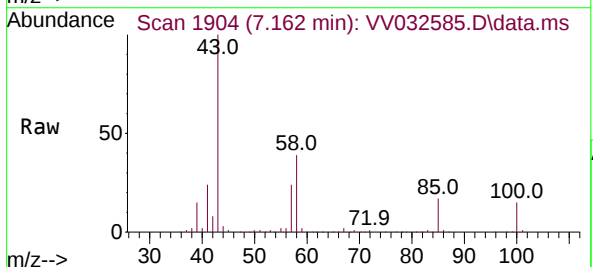
Tgt Ion: 43 Resp: 279635

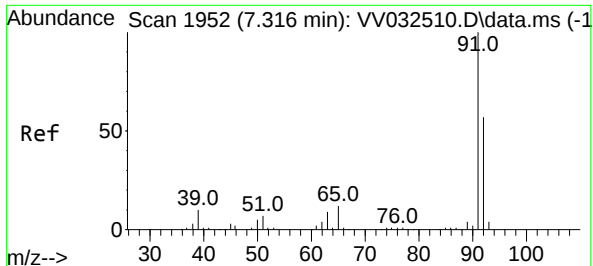
Ion Ratio Lower Upper

43 100

58 38.8 31.9 47.9

100 14.3 11.3 16.9





#42

Toluene

Concen: 4.596 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

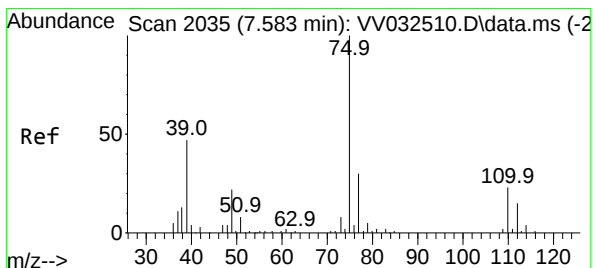
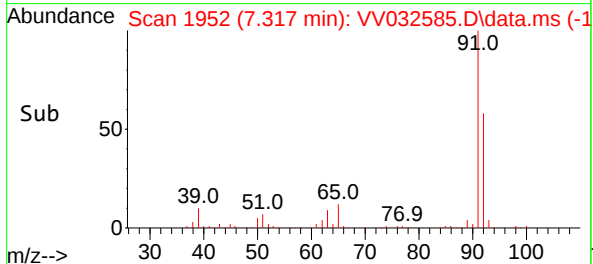
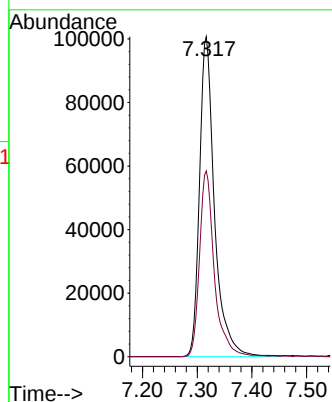
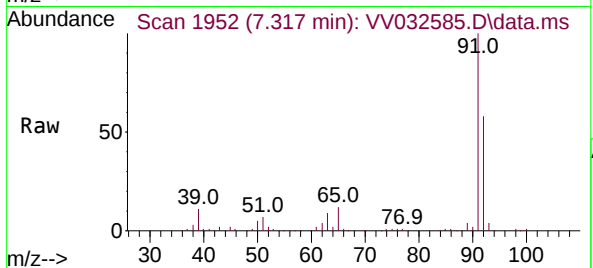
ClientSampleId :

Tgt Ion: 91 Resp: 191754

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.421 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV032585.D

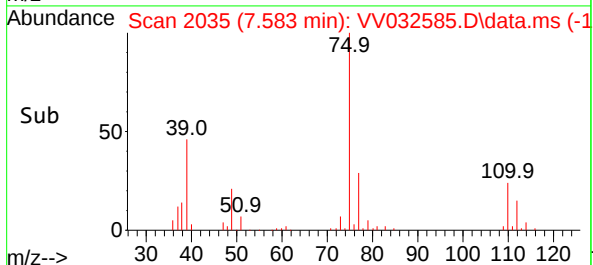
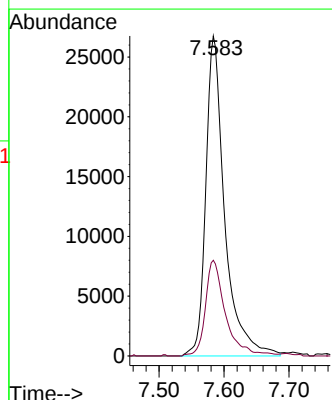
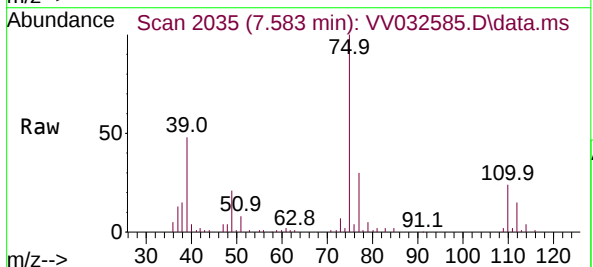
Acq: 24 Oct 2023 11:46

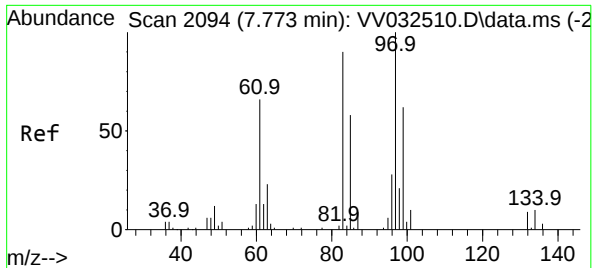
Tgt Ion: 75 Resp: 54124

Ion Ratio Lower Upper

75 100

77 29.9 22.5 41.7

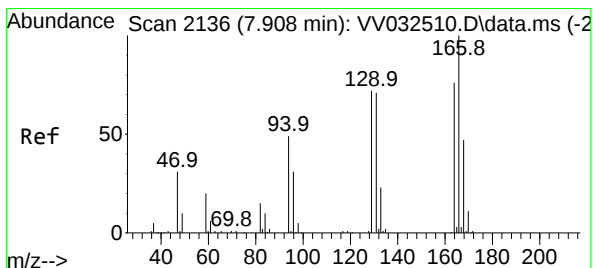
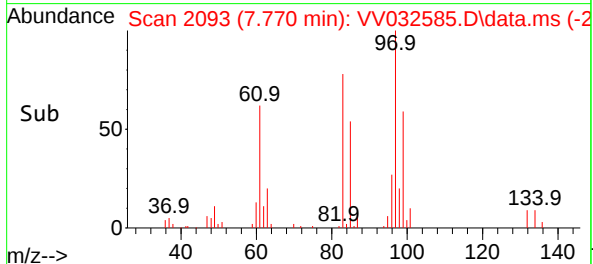
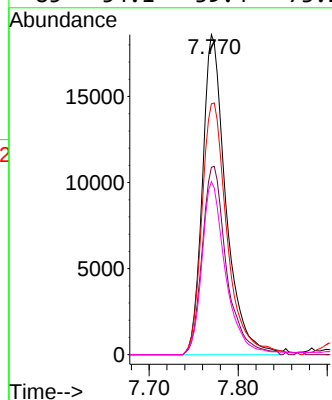
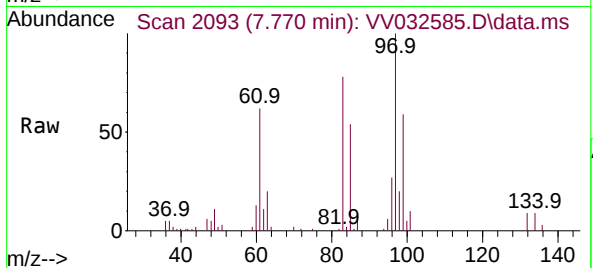




#45
1,1,2-Trichloroethane
Concen: 4.614 ug/L
RT: 7.770 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

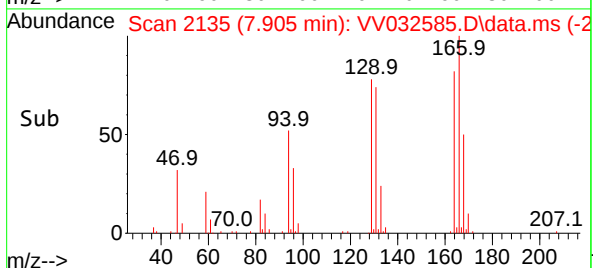
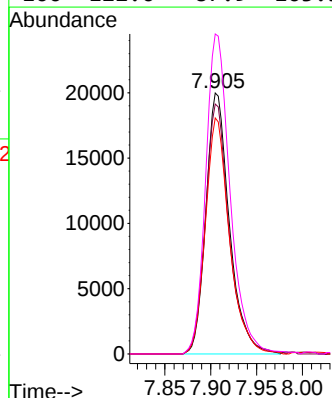
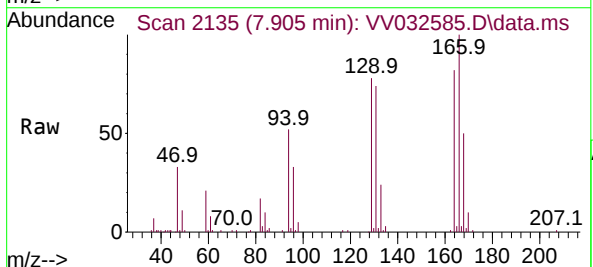
Instrument :
MSVOA_V
ClientSampleId :

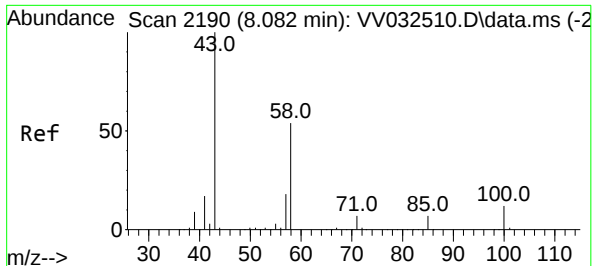
Tgt Ion: 97	Resp: 34066
Ion Ratio	Lower Upper
97 100	
99 58.6	42.8 79.4
83 78.4	60.9 113.1
85 54.1	39.4 73.2



#47
Tetrachloroethene
Concen: 4.400 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt	Ion:164	Resp:	35648
Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.4	123.4
131	90.4	63.7	118.3
166	122.6	87.9	163.3

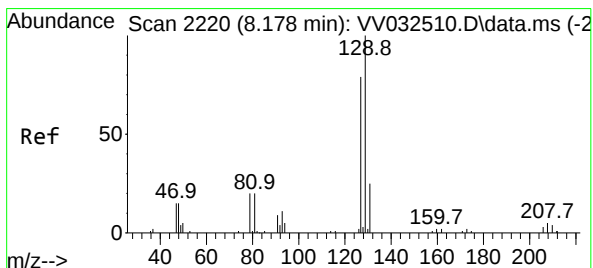
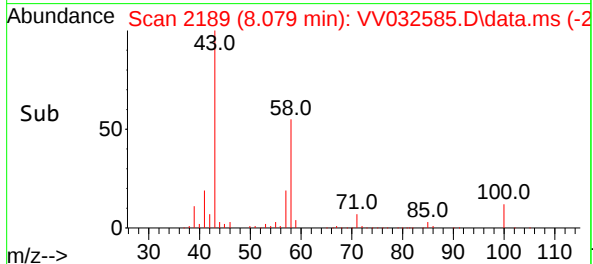
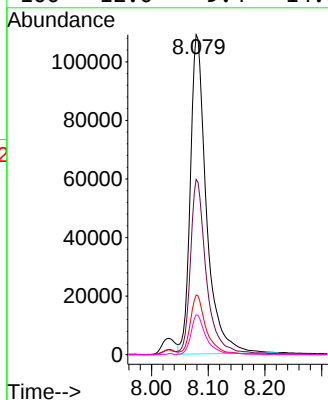
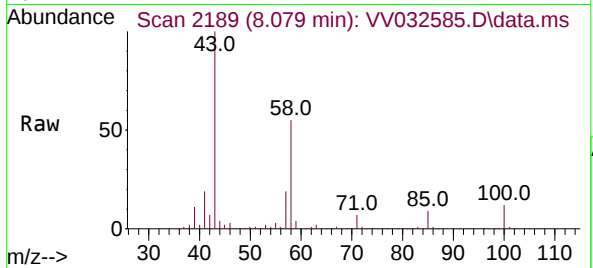




#48
2-Hexanone
Concen: 46.005 ug/L
RT: 8.079 min Scan# 2190
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

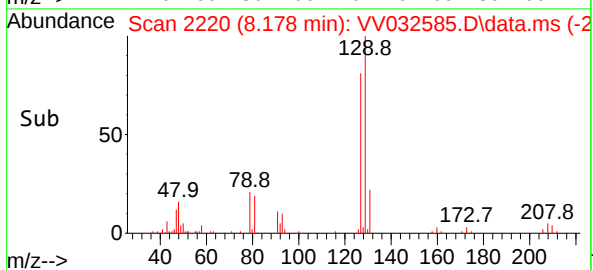
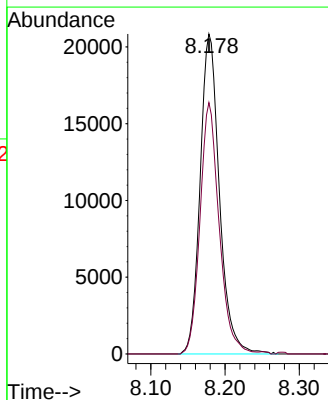
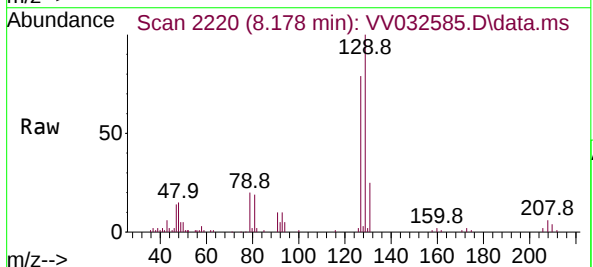
Instrument :
MSVOA_V
ClientSampleId :

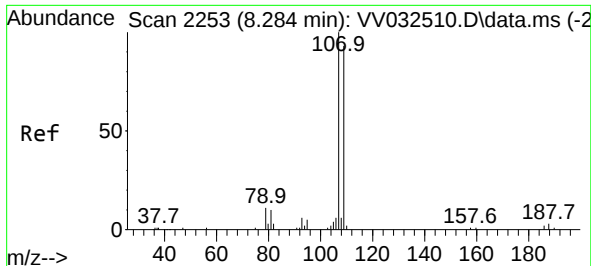
Tgt Ion:	43	Resp:	214991
Ion	Ratio	Lower	Upper
43	100		
58	53.2	43.6	65.4
57	18.5	14.6	22.0
100	12.0	9.4	14.0



#49
Dibromochloromethane
Concen: 4.897 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion:	129	Resp:	37643
Ion	Ratio	Lower	Upper
129	100		
127	78.5	57.2	106.2





#50

1,2-Dibromoethane

Concen: 4.444 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV032585.D

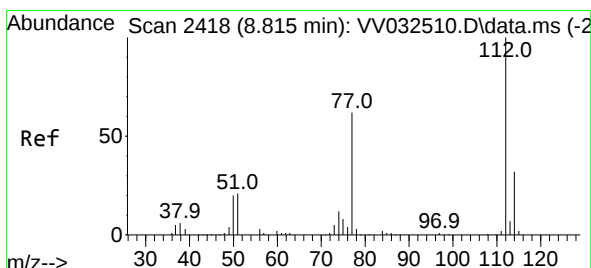
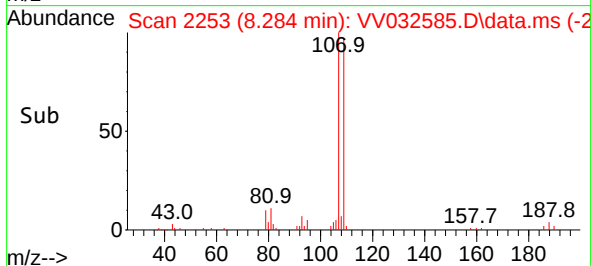
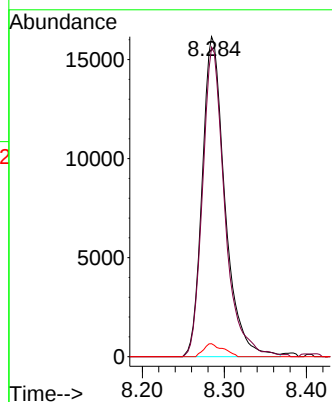
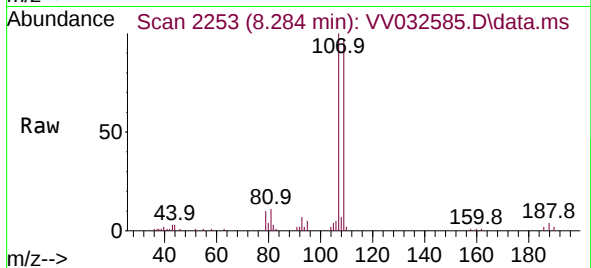
Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	31037
Ion	Ratio	Lower Upper
107	100	
109	96.7	68.4 127.0
188	4.1	3.2 4.8



#51

Chlorobenzene

Concen: 4.559 ug/L

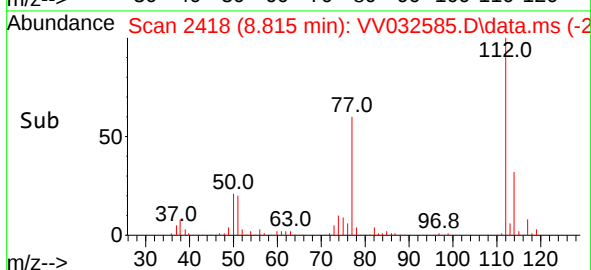
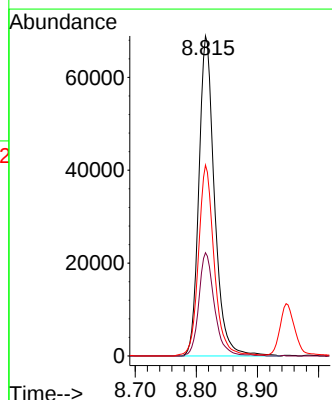
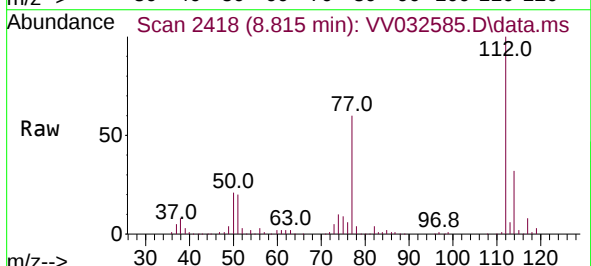
RT: 8.815 min Scan# 2418

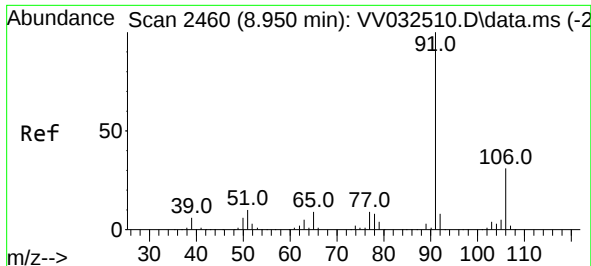
Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Tgt Ion:112	Resp:	122459
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.1 41.1
77	59.6	46.1 69.1





#52

Ethylbenzene

Concen: 4.433 ug/L

RT: 8.947 min Scan# 2460

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

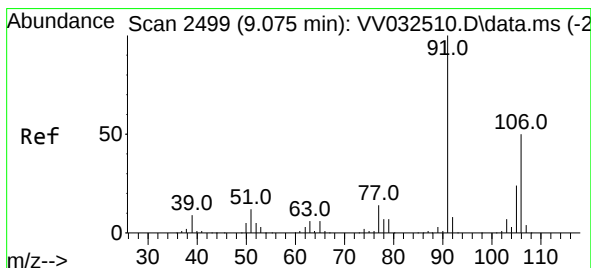
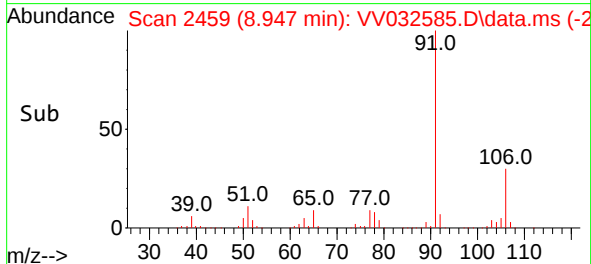
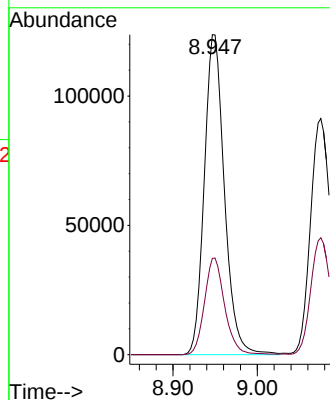
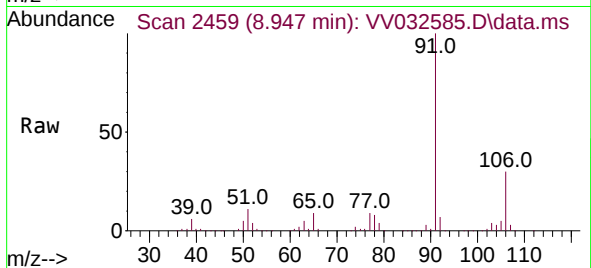
ClientSampleId :

Tgt Ion: 91 Resp: 205955

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 4.435 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032585.D

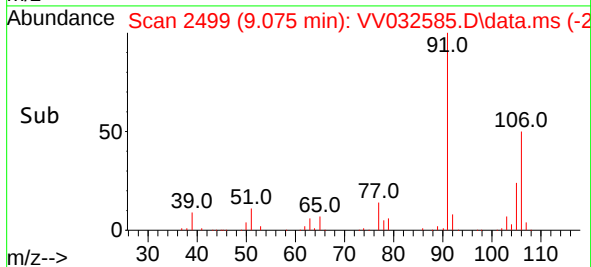
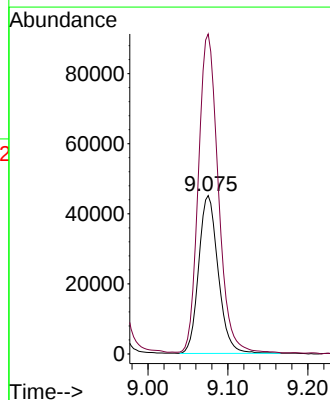
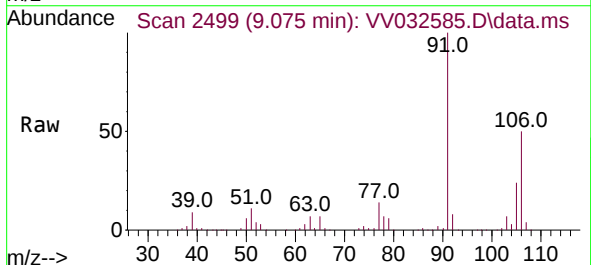
Acq: 24 Oct 2023 11:46

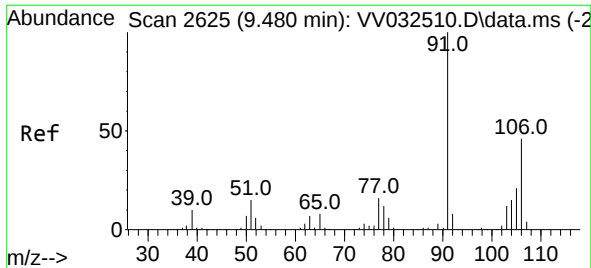
Tgt Ion:106 Resp: 76410

Ion Ratio Lower Upper

106 100

91 201.9 144.5 268.3

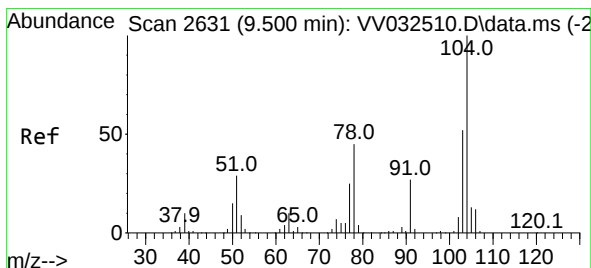
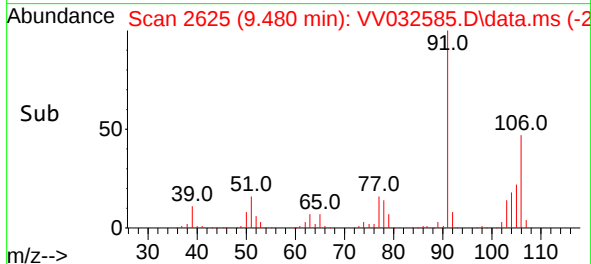
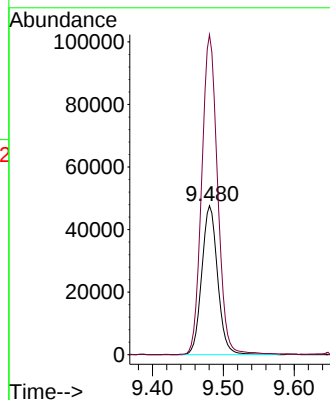
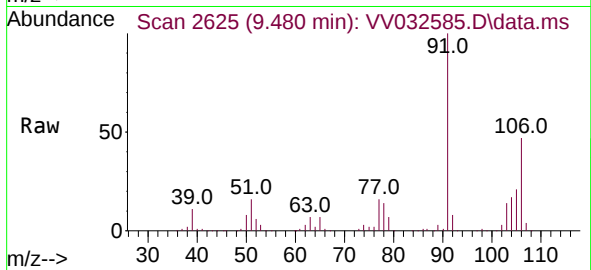




#54
o-Xylene
Concen: 4.460 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

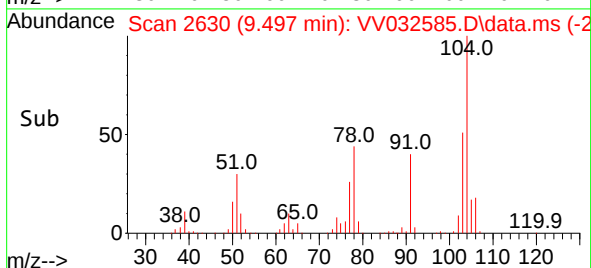
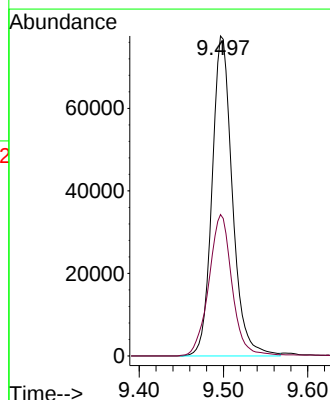
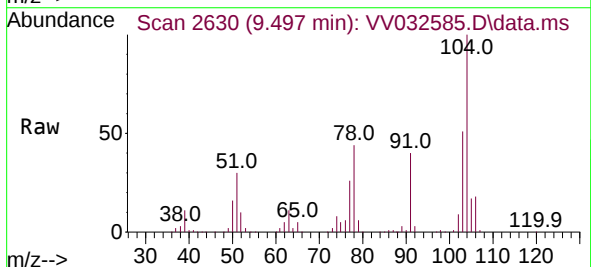
Instrument :
MSVOA_V
ClientSampleId :

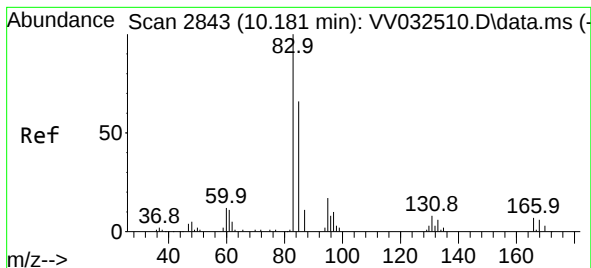
Tgt Ion:106 Resp: 74054
Ion Ratio Lower Upper
106 100
91 214.7 154.8 287.4



#55
Styrene
Concen: 4.638 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion:104 Resp: 130035
Ion Ratio Lower Upper
104 100
78 44.2 29.9 55.5

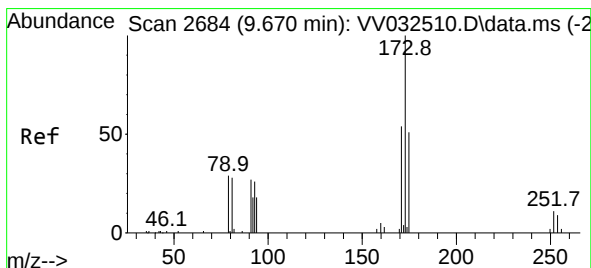
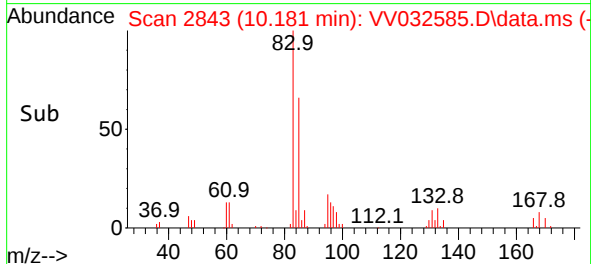
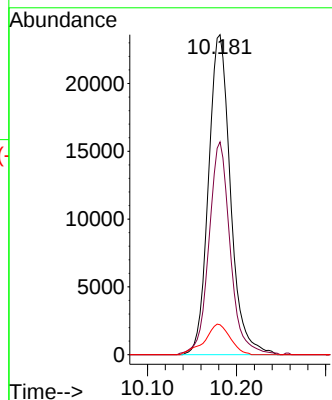
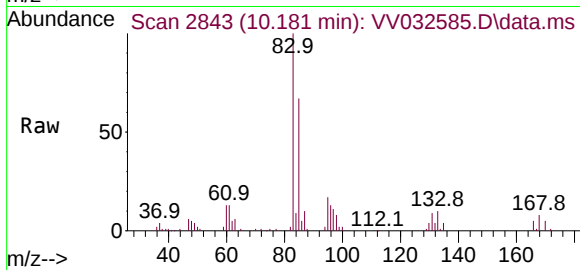




#57
1,1,2,2-Tetrachloroethane
Concen: 4.982 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

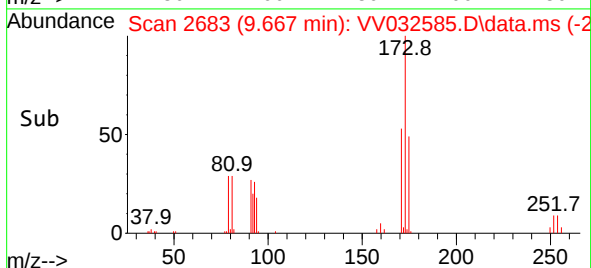
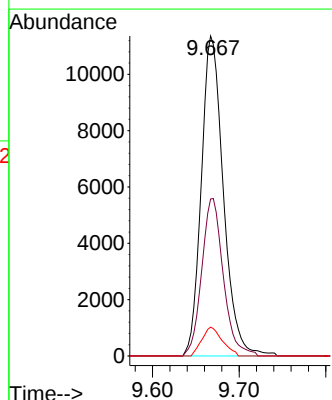
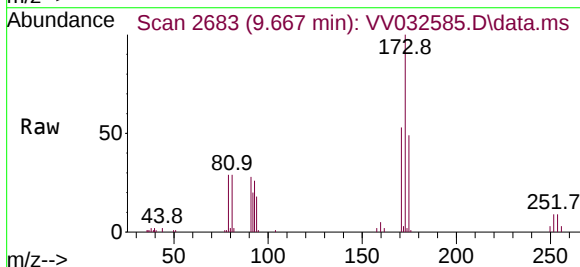
Instrument :
MSVOA_V
ClientSampleId :

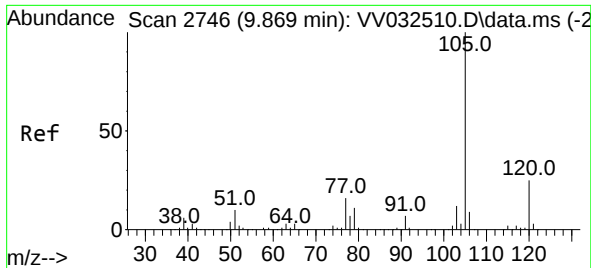
Tgt Ion: 83 Resp: 40470
Ion Ratio Lower Upper
83 100
85 66.5 43.6 81.0
131 9.4 7.0 10.6



#59
Bromoform
Concen: 4.878 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

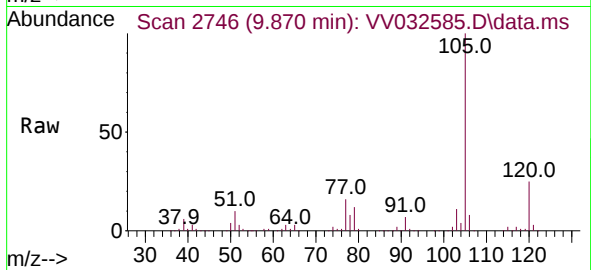
Tgt Ion: 173 Resp: 20124
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.2
254 8.3 7.0 10.4



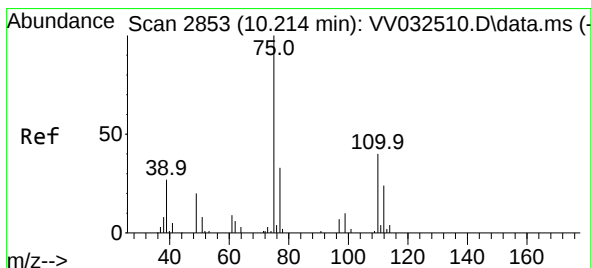
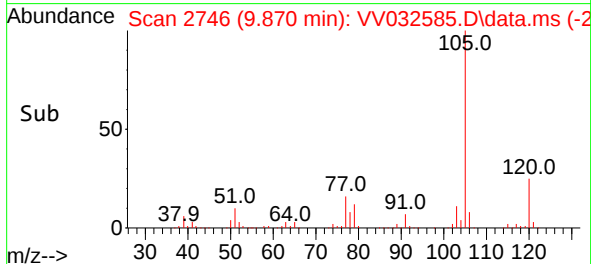
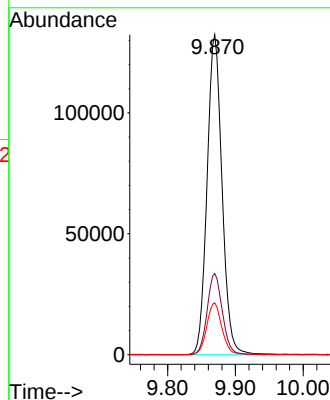


#60
Isopropylbenzene
Concen: 4.602 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Instrument :
MSVOA_V
ClientSampleId :

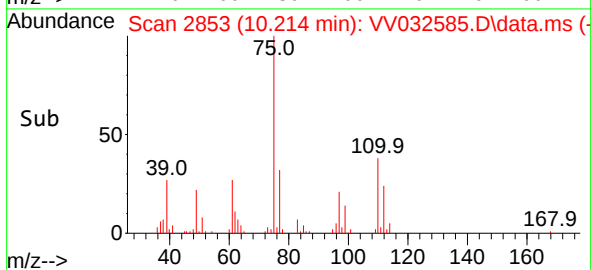
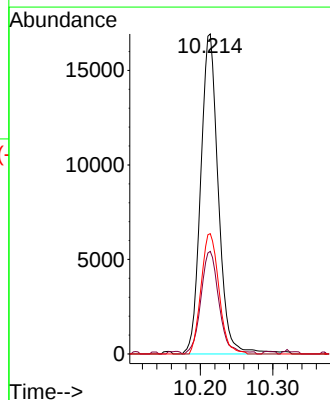
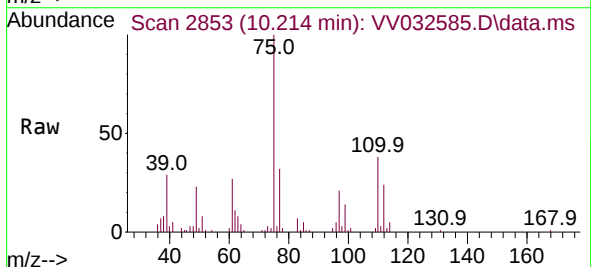


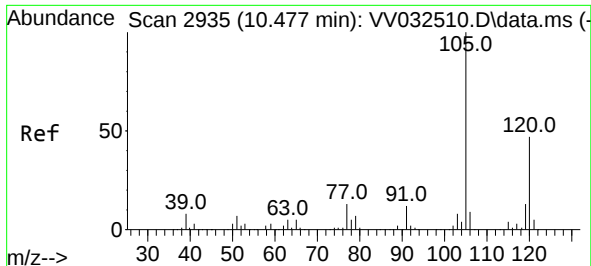
Tgt Ion:105 Resp: 202936
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.727 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

Tgt Ion: 75 Resp: 28546
Ion Ratio Lower Upper
75 100
77 33.0 26.2 39.2
110 38.0 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 4.374 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

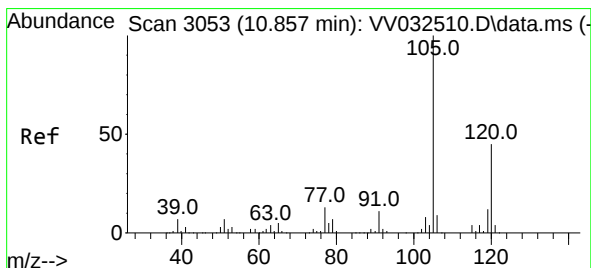
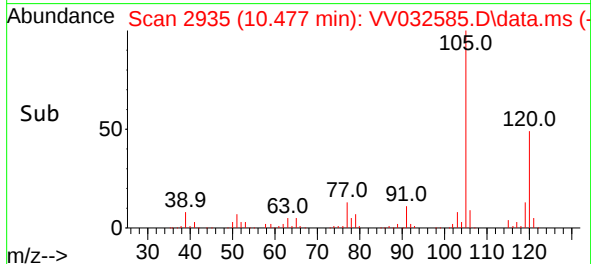
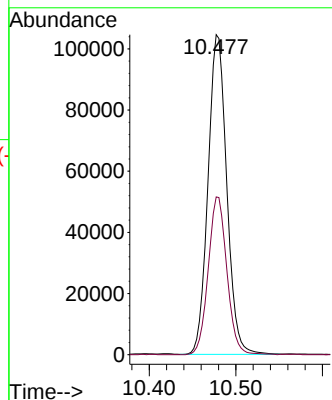
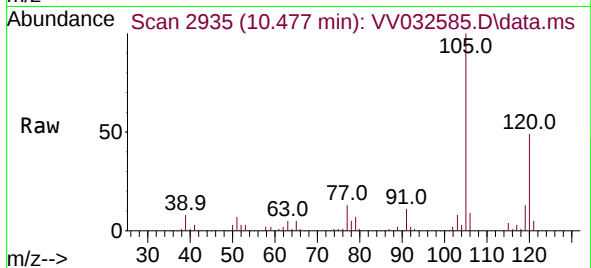
ClientSampleId :

Tgt Ion:105 Resp: 157197

Ion Ratio Lower Upper

105 100

120 49.2 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.434 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032585.D

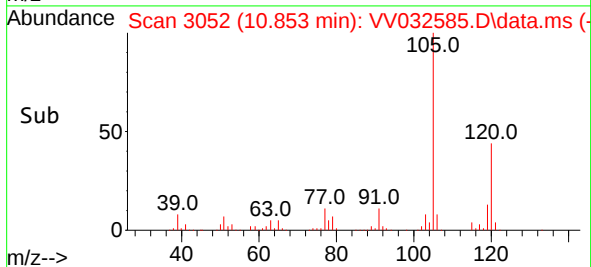
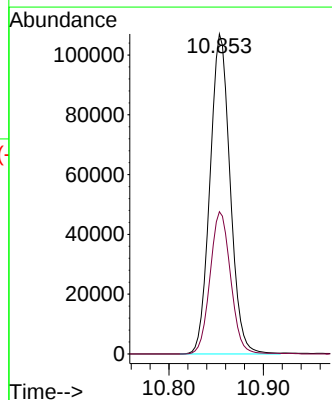
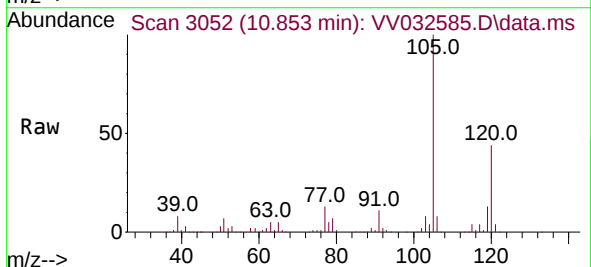
Acq: 24 Oct 2023 11:46

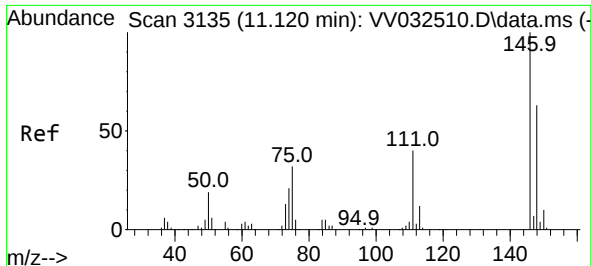
Tgt Ion:105 Resp: 158650

Ion Ratio Lower Upper

105 100

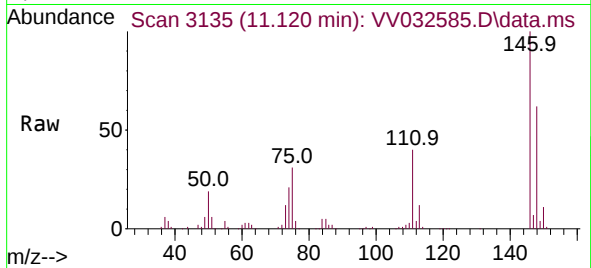
120 45.2 36.2 54.4



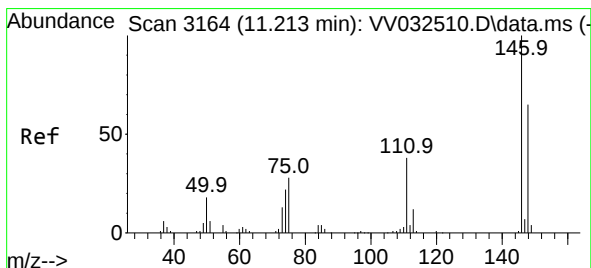
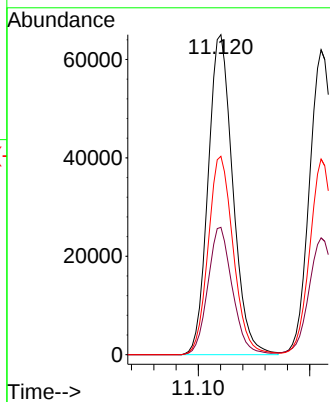
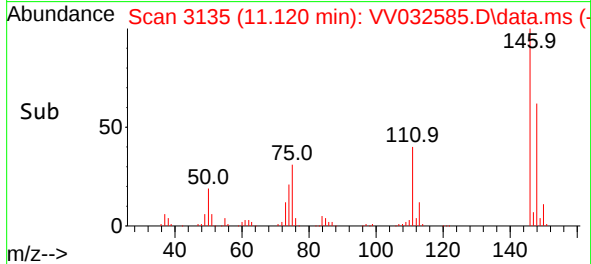


#64
1,3-Dichlorobenzene
Concen: 4.769 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

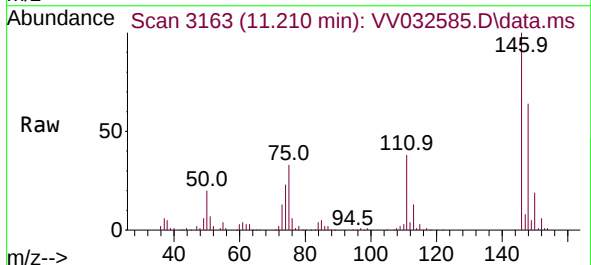
Instrument :
MSVOA_V
ClientSampleId :



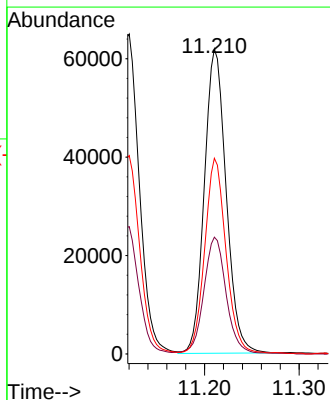
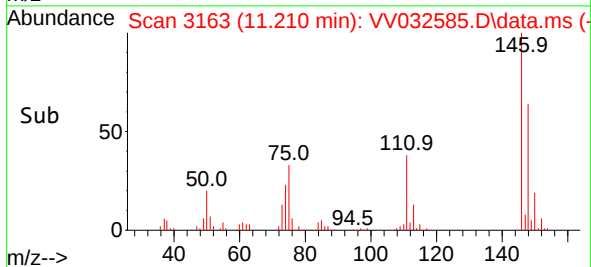
Tgt Ion:146 Resp: 100449
Ion Ratio Lower Upper
146 100
111 39.8 27.8 51.6
148 62.0 43.7 81.1

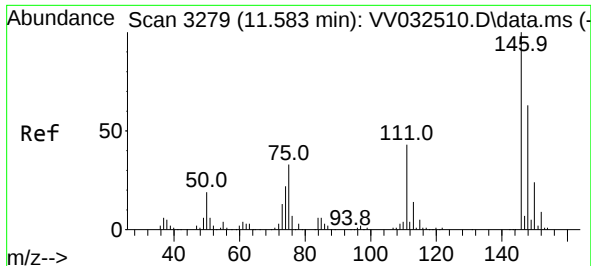


#65
1,4-Dichlorobenzene
Concen: 4.695 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46



Tgt Ion:146 Resp: 99210
Ion Ratio Lower Upper
146 100
111 38.3 26.9 49.9
148 64.1 44.8 83.2

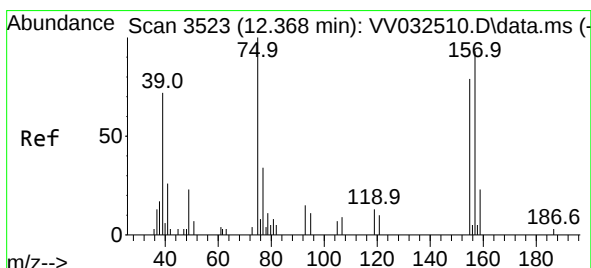
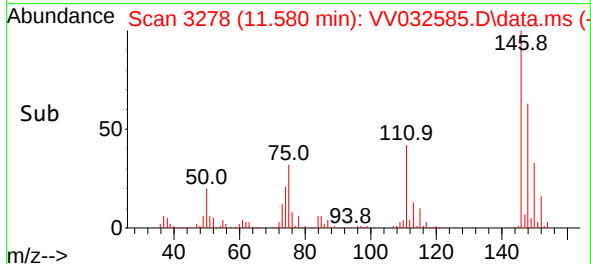
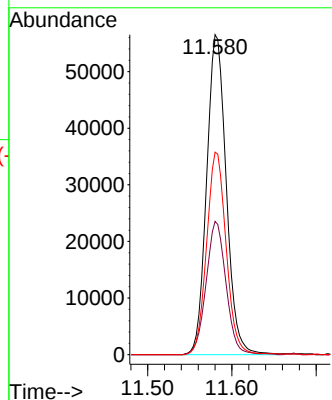
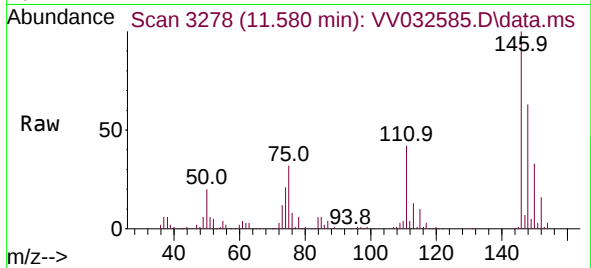




#67
1,2-Dichlorobenzene
Concen: 4.766 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

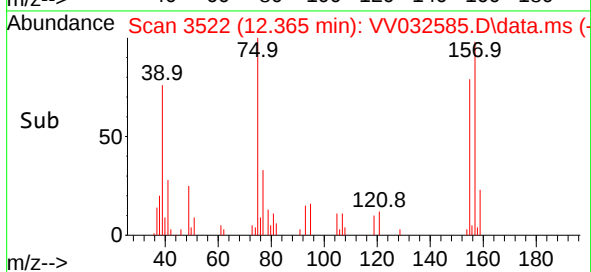
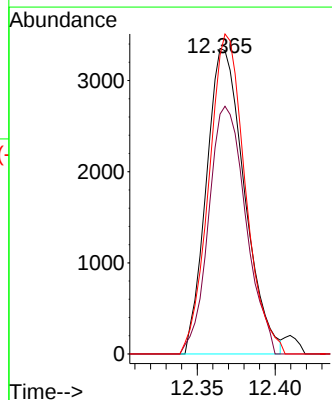
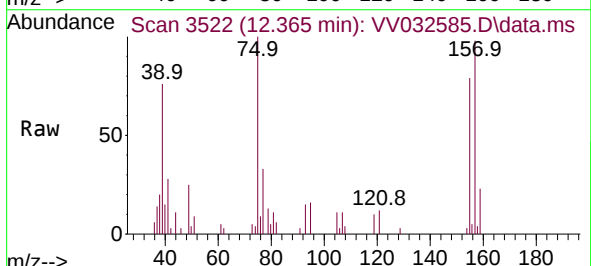
Instrument :
MSVOA_V
ClientSampleId :

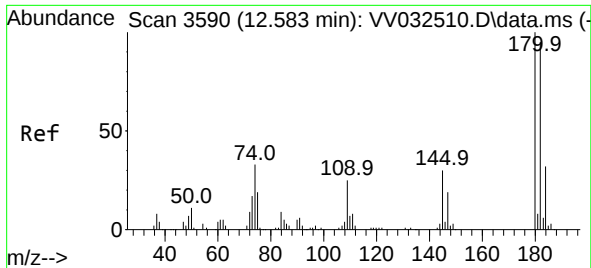
Tgt Ion:146 Resp: 91556
Ion Ratio Lower Upper
146 100
111 41.6 32.8 49.2
148 63.3 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.610 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.003 min
Lab File: VV032585.D
Acq: 24 Oct 2023 11:46

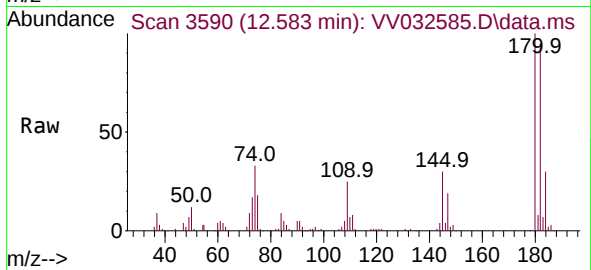
Tgt Ion: 75 Resp: 5688
Ion Ratio Lower Upper
75 100
155 78.5 70.2 105.4
157 97.8 90.6 135.8



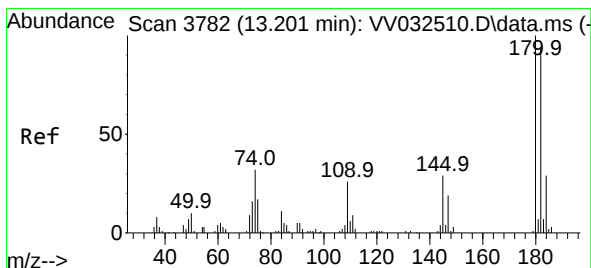
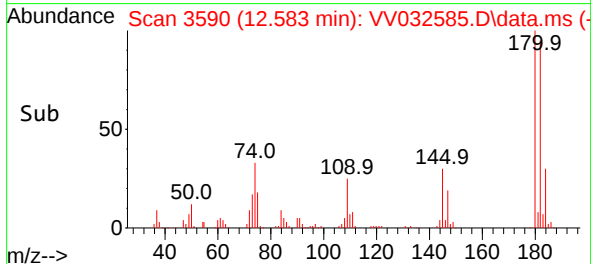
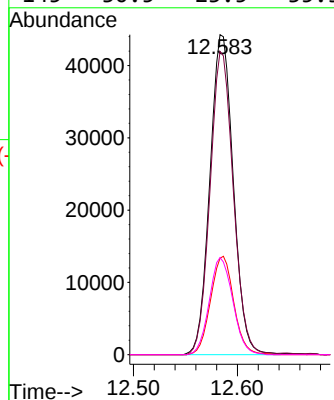


#69
 1,3,5-Trichlorobenzene
 Concen: 4.483 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.003 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

Instrument :
 MSVOA_V
 ClientSampleId :

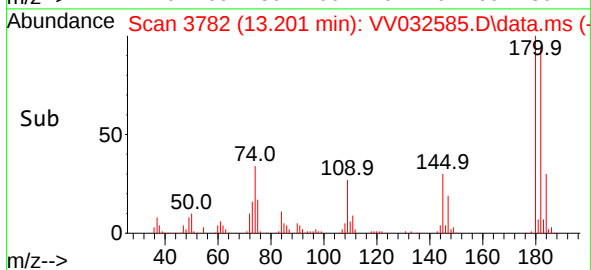
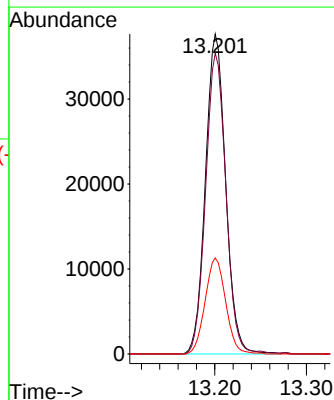
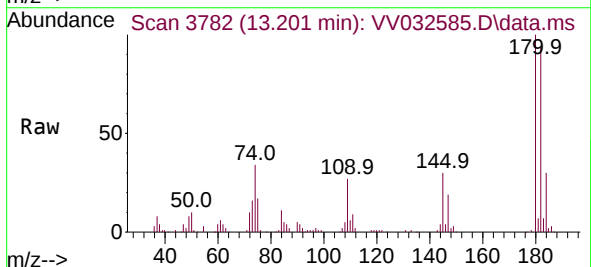


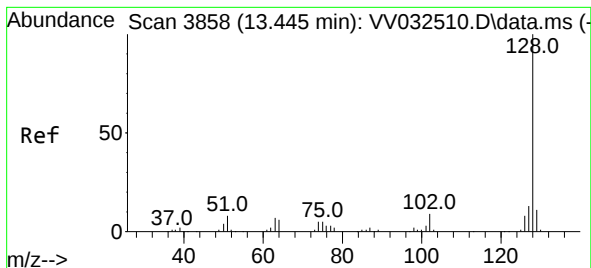
Tgt Ion:180 Resp: 69150
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.6 112.0
 184 30.5 24.1 36.1
 145 30.5 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 4.213 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032585.D
 Acq: 24 Oct 2023 11:46

Tgt Ion:180 Resp: 57642
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.5 114.7
 145 30.6 24.3 36.5





#71

Naphthalene

Concen: 3.971 ug/L

RT: 13.442 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Instrument :

MSVOA_V

ClientSampleId :

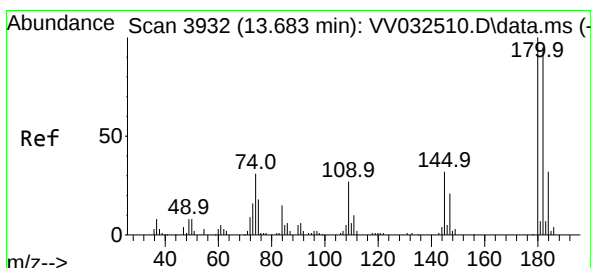
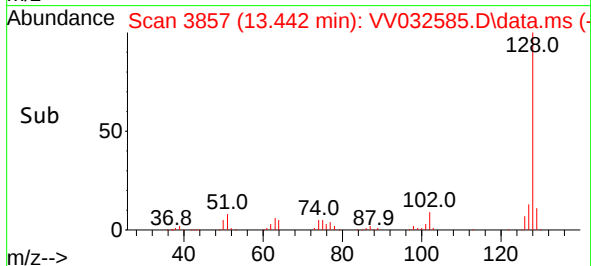
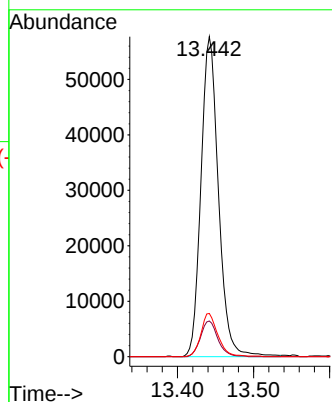
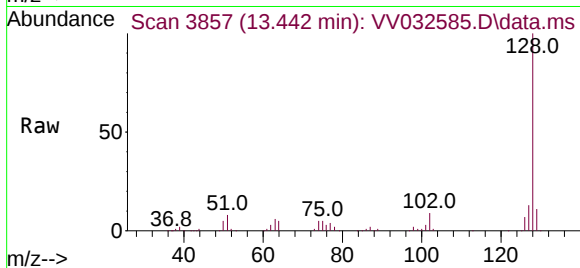
Tgt Ion:128 Resp: 92303

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.1 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.503 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032585.D

Acq: 24 Oct 2023 11:46

Tgt Ion:180 Resp: 53088

Ion Ratio Lower Upper

180 100

182 93.6 77.0 115.4

145 32.5 25.7 38.5

