

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035226.D
 Acq On : 16 Apr 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:26:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:33:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	192490	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89156	4.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.532	69	71192	5.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.056	65	38147	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.800%
20) 2-Butanone-d5	3.828	46	148103	48.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.160%
24) Chloroform-d	4.246	84	146151	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	4.944	65	68432	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.957	84	285699	5.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	5.985	67	86937	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.239	98	260743	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.555	79	28690	4.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.027	63	110761	43.697	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	62626	4.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	83482	4.819	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	97891	5.372	ug/L	100
3) Chloromethane	1.214	50	114063	5.367	ug/L	98
5) Vinyl chloride	1.281	62	113837	5.460	ug/L	98
6) Bromomethane	1.487	94	58567	4.902	ug/L	97
8) Chloroethane	1.548	64	68260	5.318	ug/L	99
9) Trichlorofluoromethane	1.712	101	133099	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	79862	5.236	ug/L	100
12) 1,1-Dichloroethene	2.069	96	77872	5.329	ug/L	89
13) Acetone	2.153	43	109772	53.434	ug/L	87
14) Carbon disulfide	2.240	76	250994	5.445	ug/L	100
15) Methyl Acetate	2.391	43	32568	6.018	ug/L	94
16) Methylene chloride	2.445	84	99016	5.380	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	167237	5.070	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	77995	5.223	ug/L	99
19) 1,1-Dichloroethane	3.111	63	163967	5.460	ug/L	99
21) 2-Butanone	3.908	43	151520	45.061	ug/L #	66
22) cis-1,2-Dichloroethene	3.812	96	82413	5.368	ug/L	98
23) Bromochloromethane	4.146	128	36678	5.283	ug/L	98
25) Chloroform	4.272	83	157901	5.407	ug/L	100

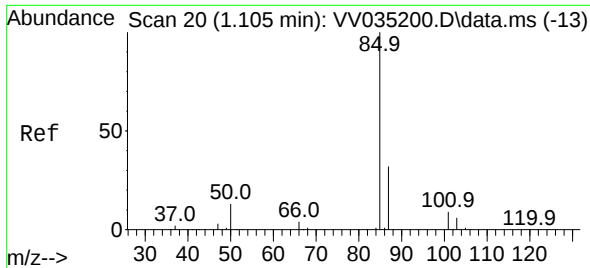
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
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Quant Time: Apr 17 02:26:23 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:33:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	93820	5.479	ug/L	98
29) 1,1,1-Trichloroethane	4.510	97	131612	5.419	ug/L	99
30) Cyclohexane	4.580	56	118487	5.120	ug/L	99
31) Carbon tetrachloride	4.731	117	113262	5.465	ug/L	99
33) Benzene	5.008	78	334111	5.507	ug/L	100
34) Trichloroethene	5.831	95	84229	5.278	ug/L	97
35) Methylcyclohexane	6.047	83	118558	4.932	ug/L	99
37) 1,2-Dichloropropane	6.092	63	88294	5.503	ug/L	99
38) Bromodichloromethane	6.432	83	104392	5.344	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	103361	4.846	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	421059	49.812	ug/L	97
42) Toluene	7.313	91	348531	5.539	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	84329	4.891	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	57127	5.131	ug/L	97
47) Tetrachloroethene	7.902	164	64275	5.077	ug/L	97
48) 2-Hexanone	8.075	43	299770	47.938	ug/L	99
49) Dibromochloromethane	8.175	129	59583	5.181	ug/L	98
50) 1,2-Dibromoethane	8.281	107	53094	5.078	ug/L	96
51) Chlorobenzene	8.812	112	214247	5.261	ug/L	98
52) Ethylbenzene	8.944	91	354730	5.261	ug/L	99
53) m,p-Xylene	9.072	106	132467	5.333	ug/L	98
54) o-Xylene	9.477	106	126746	5.287	ug/L	96
55) Styrene	9.493	104	225374	5.588	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	66655	4.886	ug/L	99
59) Bromoform	9.664	173	30417	5.239	ug/L	98
60) Isopropylbenzene	9.863	105	342757	5.474	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	48645	4.971	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	263377	5.210	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	267860	5.362	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	168042	5.333	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	169714	5.156	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	152251	5.204	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	8856	4.585	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	119066	4.978	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	92446	4.634	ug/L	97
71) Naphthalene	13.439	128	109840	3.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	83390	4.709	ug/L	100

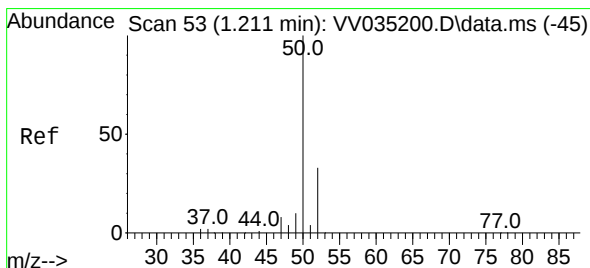
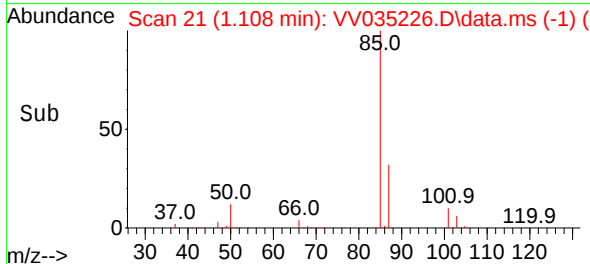
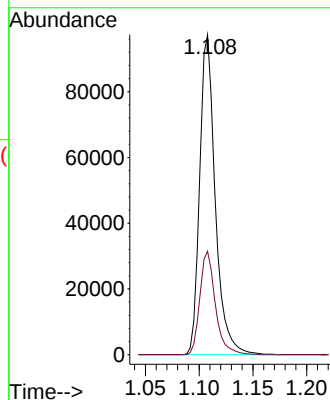
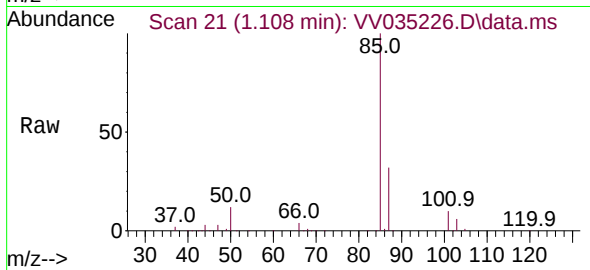
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.372 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

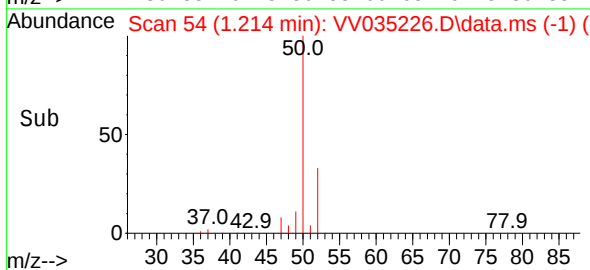
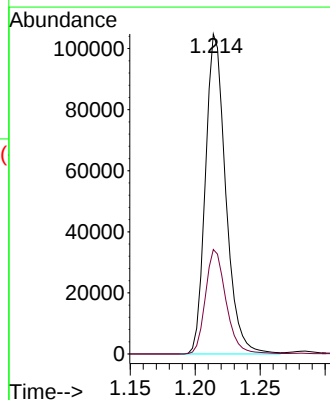
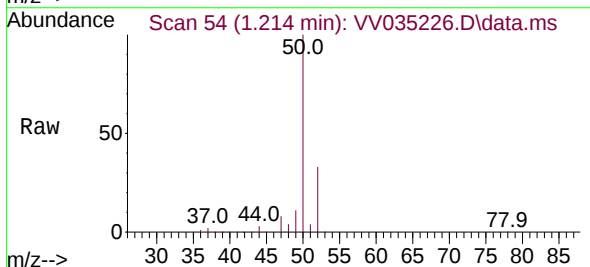
Instrument :
MSVOA_V
ClientSampleId :

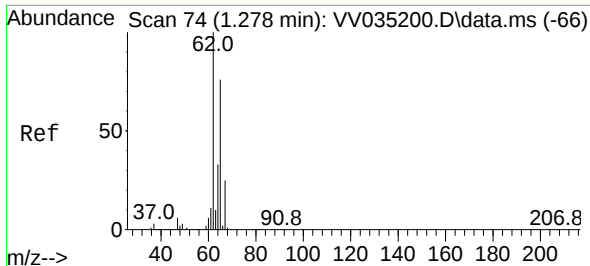
Tgt Ion: 85 Resp: 97891
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.6



#3
Chloromethane
Concen: 5.367 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion: 50 Resp: 114063
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9

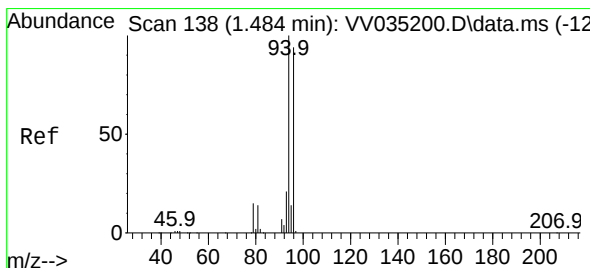
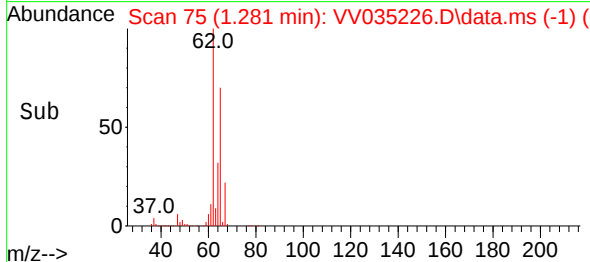
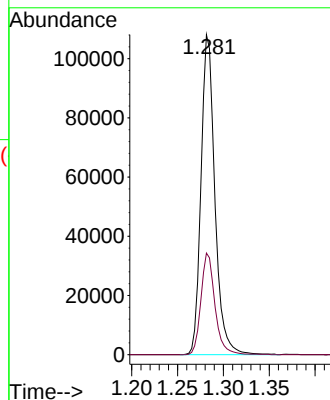
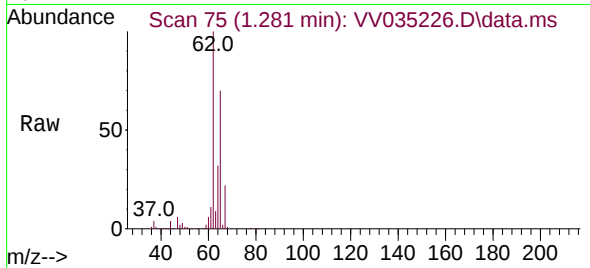




#5
Vinyl chloride
Concen: 5.460 ug/L
RT: 1.281 min Scan# 74
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

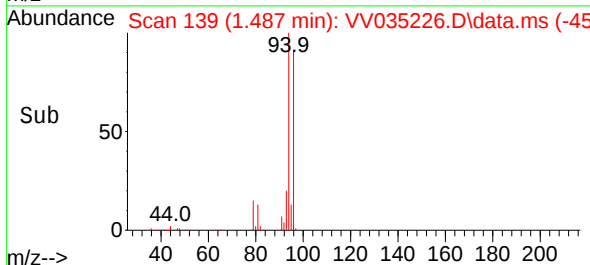
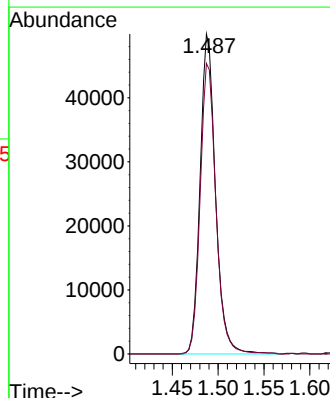
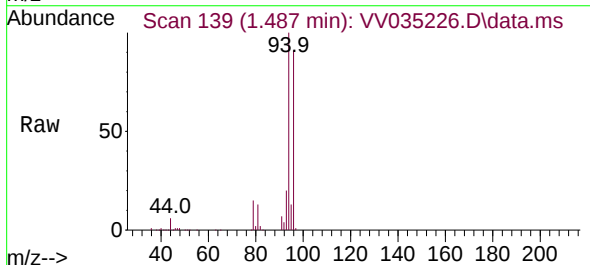
Instrument :
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ClientSampleId :

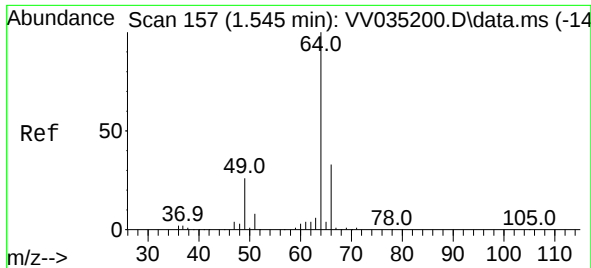
Tgt Ion: 62 Resp: 113837
Ion Ratio Lower Upper
62 100
64 31.7 22.8 42.4



#6
Bromomethane
Concen: 4.902 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion: 94 Resp: 58567
Ion Ratio Lower Upper
94 100
96 90.8 65.7 122.1

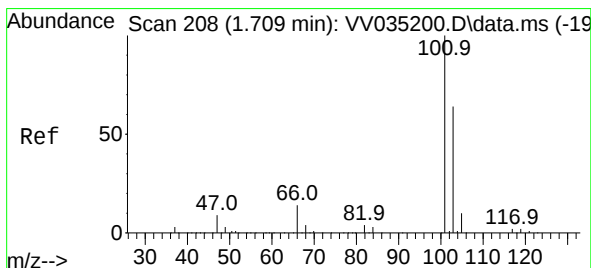
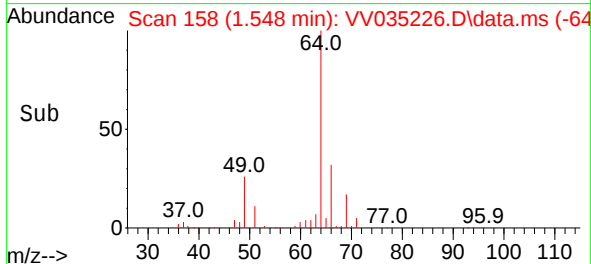
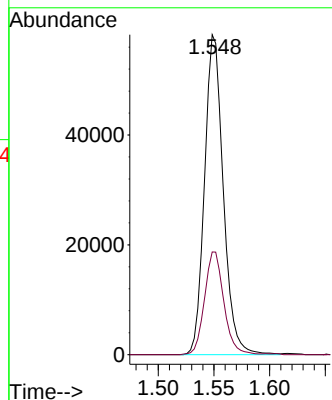
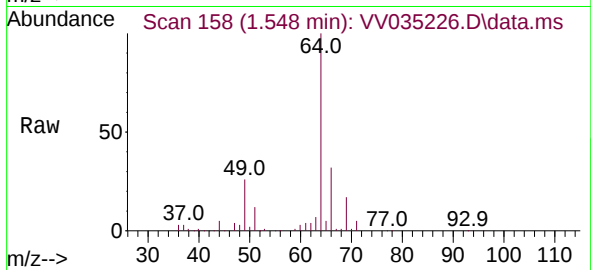




#8
Chloroethane
Concen: 5.318 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

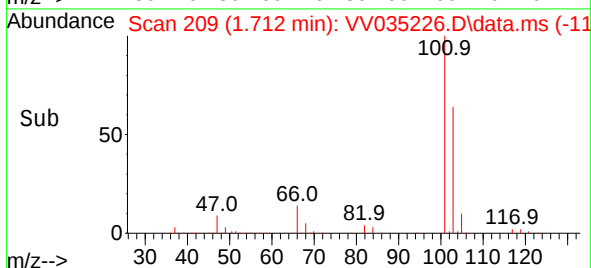
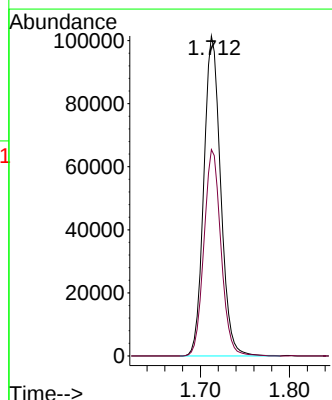
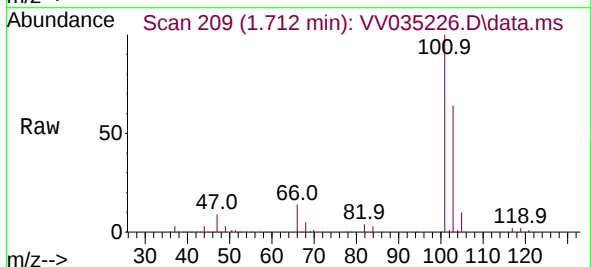
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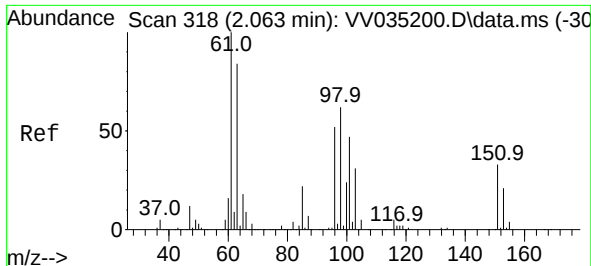
Tgt Ion: 64 Resp: 68260
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.358 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion:101 Resp: 133099
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2





#10

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

Concen: 5.236 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

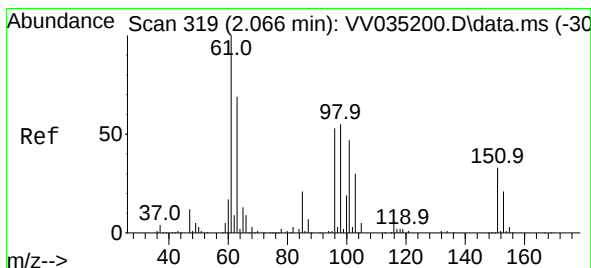
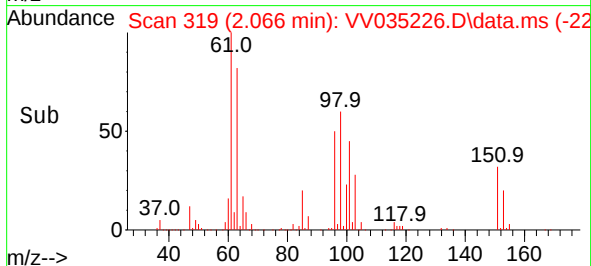
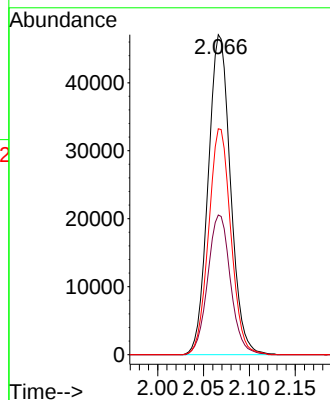
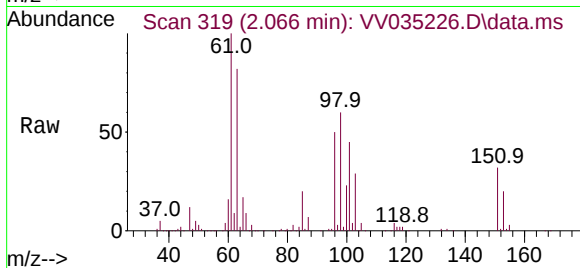
Tgt Ion:101 Resp: 79862

Ion Ratio Lower Upper

101 100

85 44.5 35.8 53.6

151 70.4 56.2 84.2



#12

1,1-Dichloroethene

Concen: 5.329 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

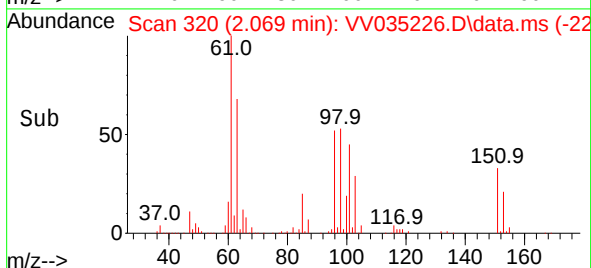
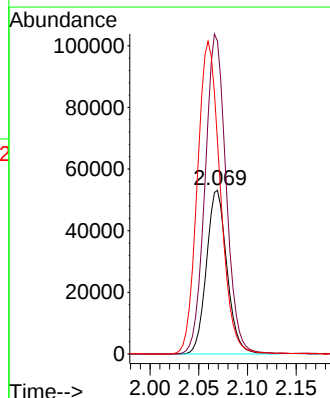
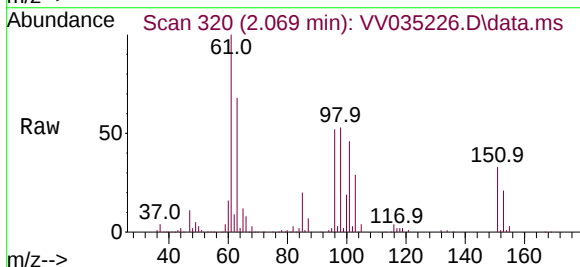
Tgt Ion: 96 Resp: 77872

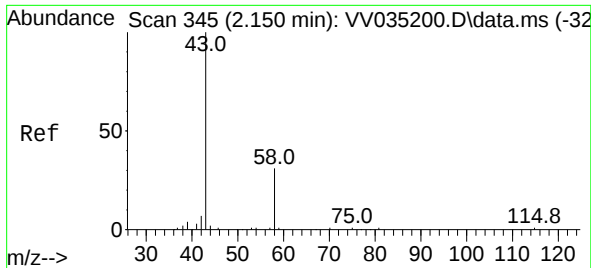
Ion Ratio Lower Upper

96 100

61 191.1 133.5 247.9

63 129.9 112.5 208.9





#13

Acetone

Concen: 53.434 ug/L

RT: 2.153 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

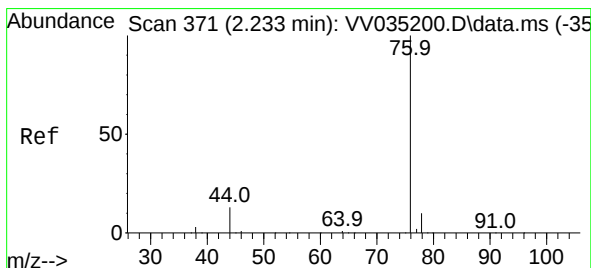
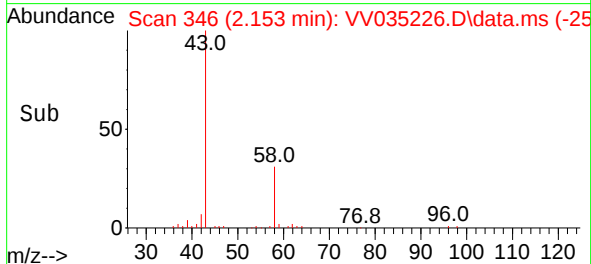
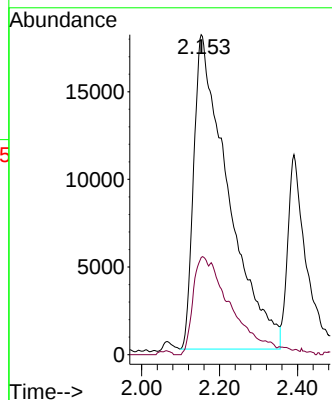
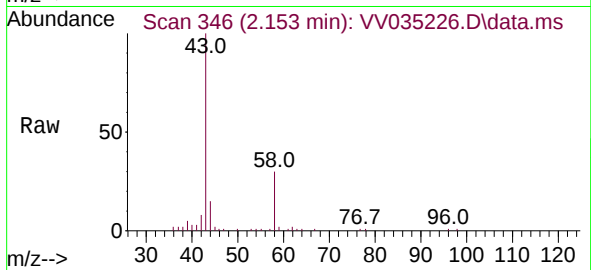
ClientSampleId :

Tgt Ion: 43 Resp: 109772

Ion Ratio Lower Upper

43 100

58 13.5 0.0 39.2



#14

Carbon disulfide

Concen: 5.445 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.006 min

Lab File: VV035226.D

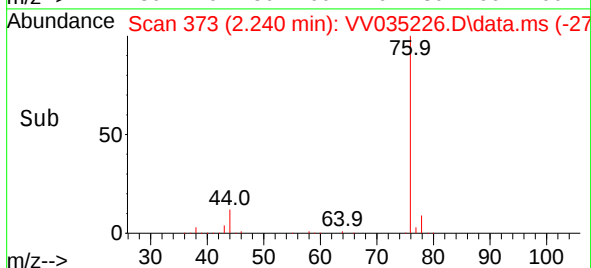
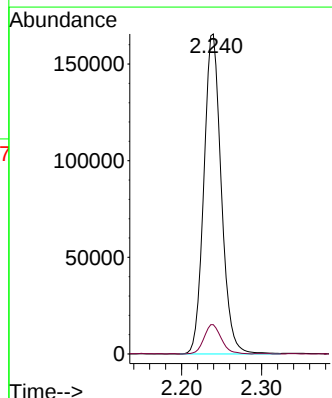
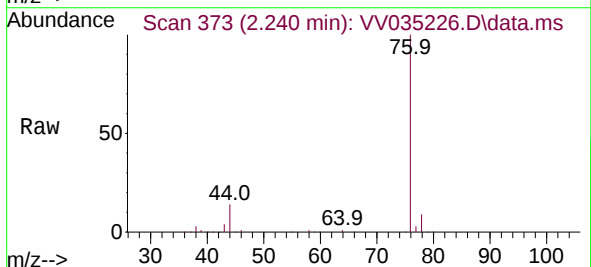
Acq: 16 Apr 2024 08:57

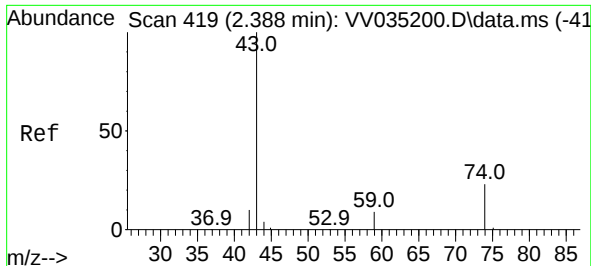
Tgt Ion: 76 Resp: 250994

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 6.018 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

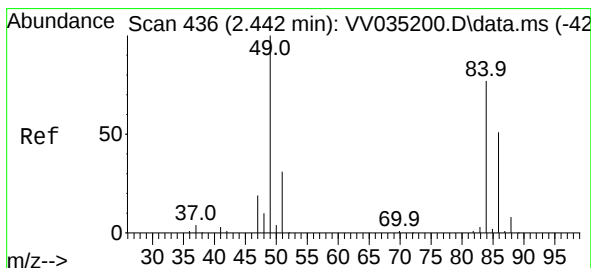
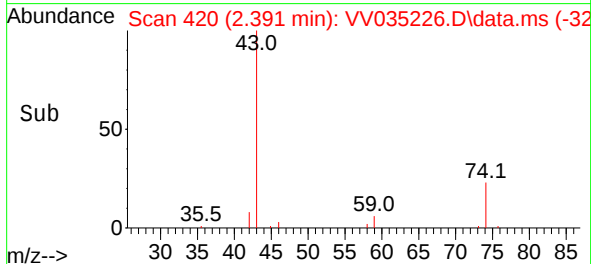
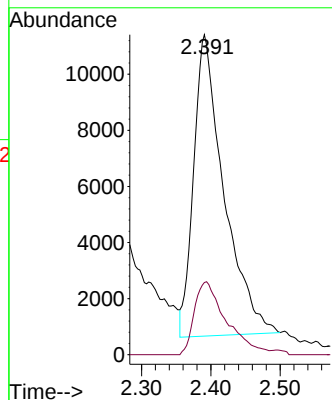
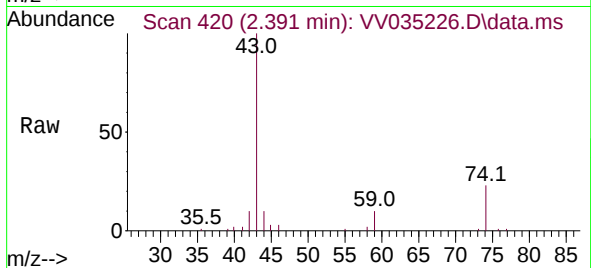
ClientSampleId :

Tgt Ion: 43 Resp: 32568

Ion Ratio Lower Upper

43 100

74 25.7 18.3 27.5



#16

Methylene chloride

Concen: 5.380 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

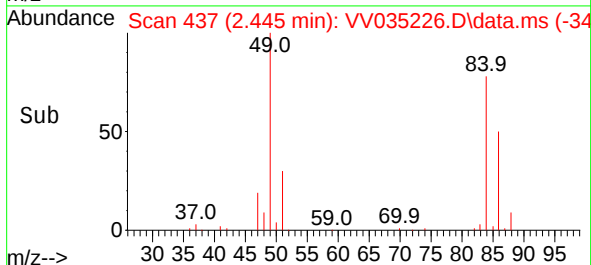
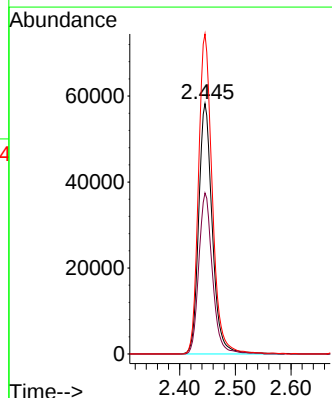
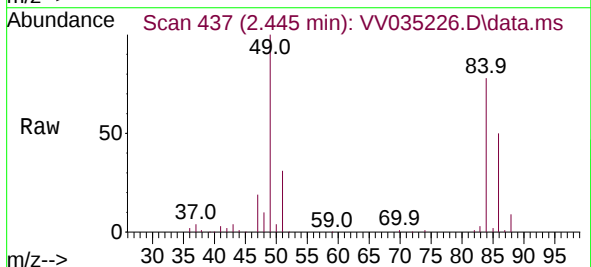
Tgt Ion: 84 Resp: 99016

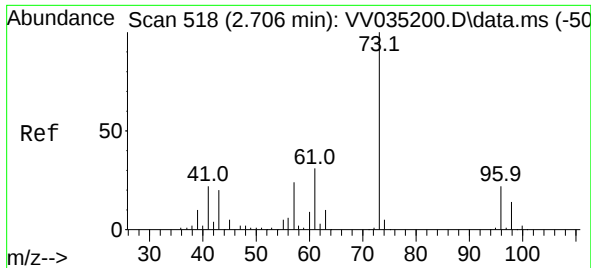
Ion Ratio Lower Upper

84 100

86 64.3 45.6 84.6

49 127.8 89.5 166.1

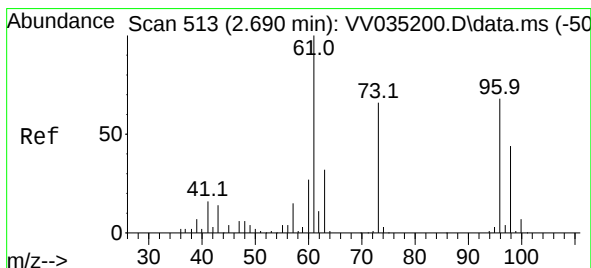
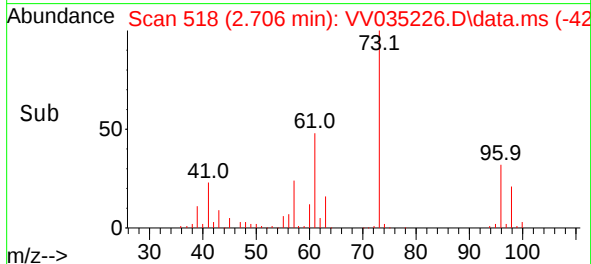
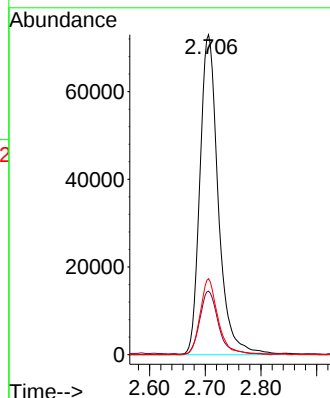
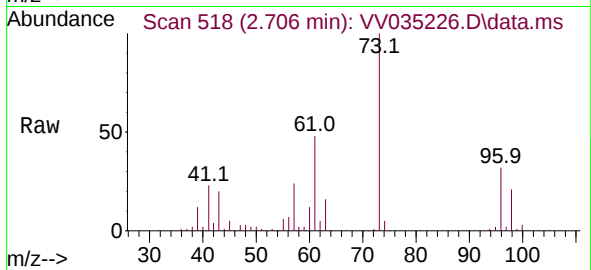




#17
Methyl tert-butyl Ether
Concen: 5.070 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

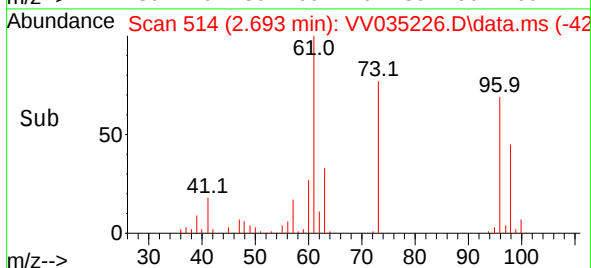
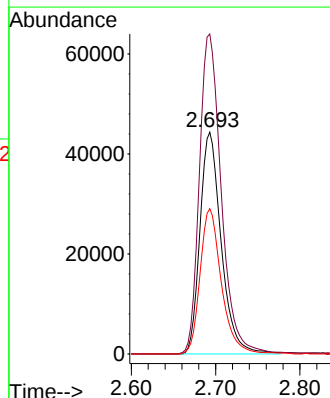
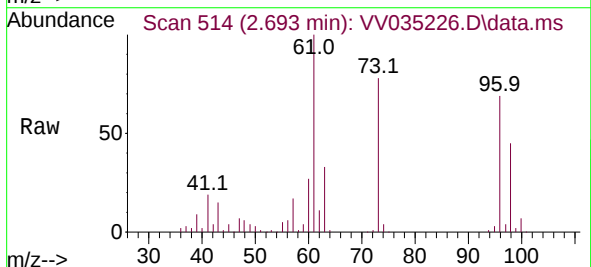
Instrument :
MSVOA_V
ClientSampleId :

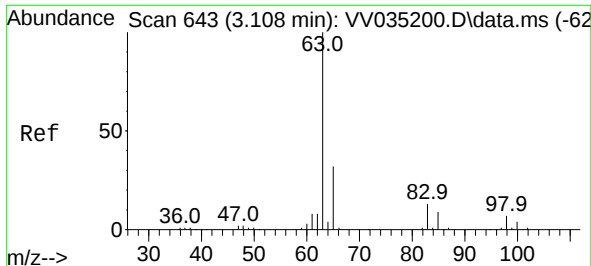
Tgt Ion: 73 Resp: 167237
Ion Ratio Lower Upper
73 100
43 19.8 15.7 23.5
57 22.8 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.223 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

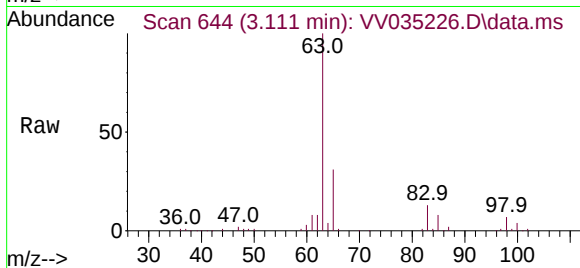
Tgt Ion: 96 Resp: 77995
Ion Ratio Lower Upper
96 100
61 144.3 101.8 189.2
98 65.5 44.7 82.9



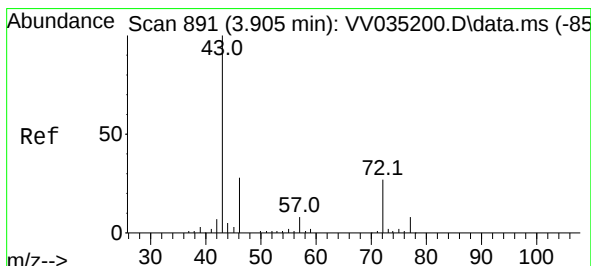
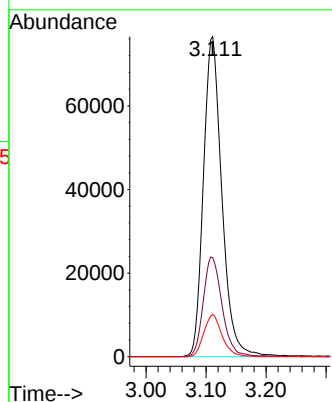
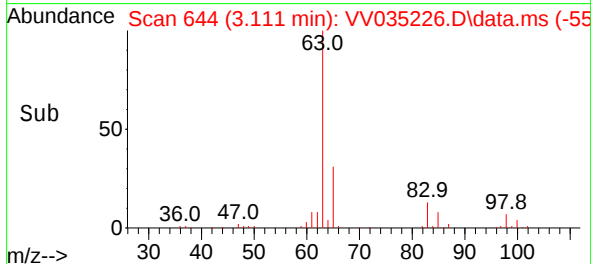


#19
1,1-Dichloroethane
Concen: 5.460 ug/L
RT: 3.111 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

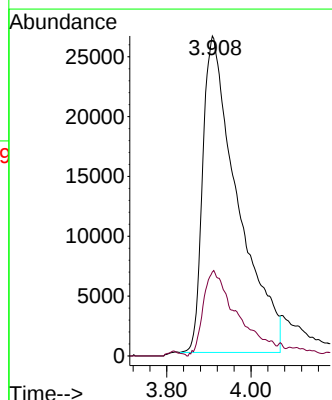
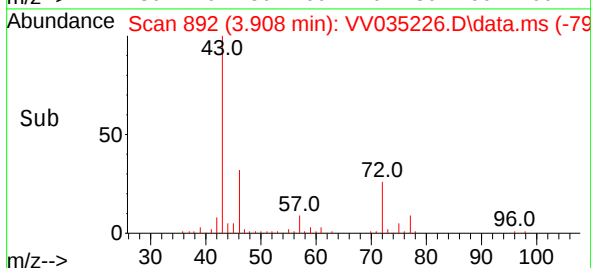
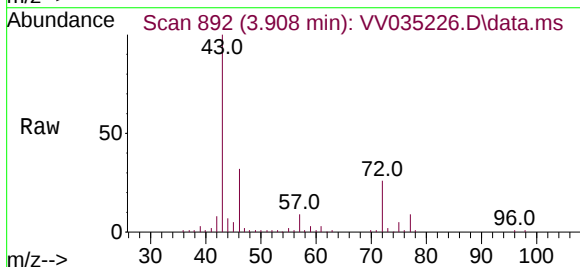


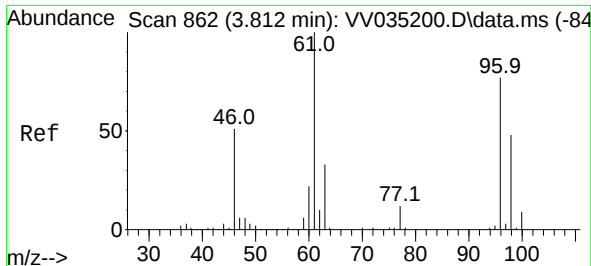
Tgt Ion: 63 Resp: 163967
Ion Ratio Lower Upper
63 100
65 30.9 22.2 41.2
83 13.2 9.4 17.4



#21
2-Butanone
Concen: 45.061 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion: 43 Resp: 151520
Ion Ratio Lower Upper
43 100
72 25.9 6.3 18.8#

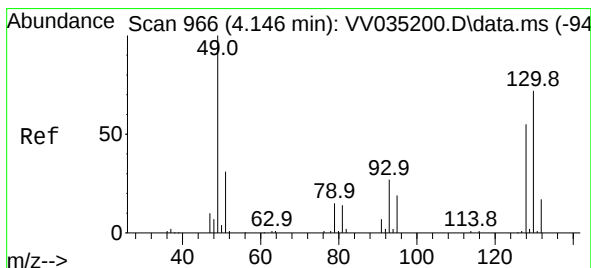
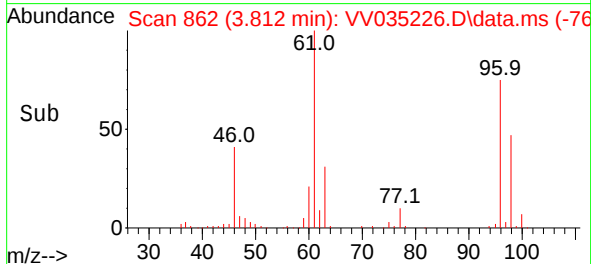
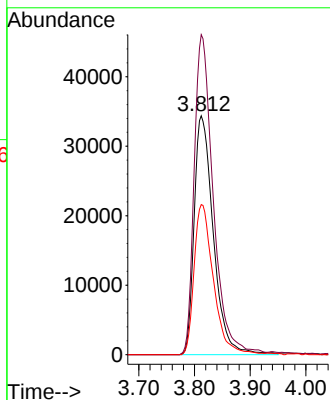
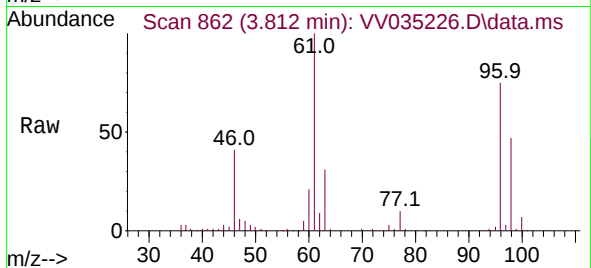




#22
 cis-1,2-Dichloroethene
 Concen: 5.368 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.000 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

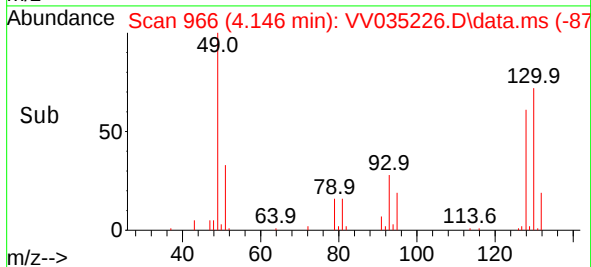
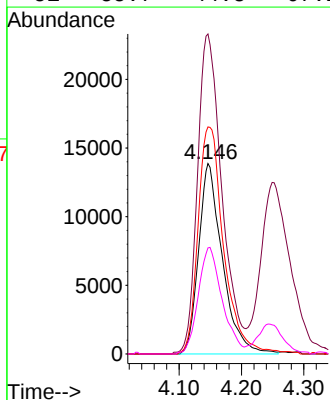
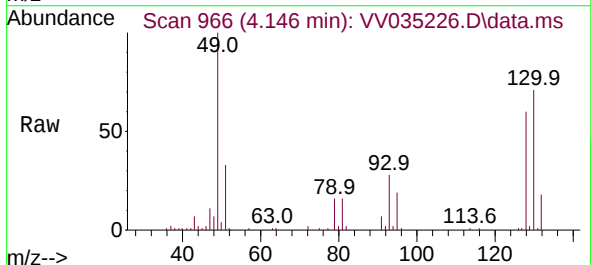
Instrument :
 MSVOA_V
 ClientSampleId :

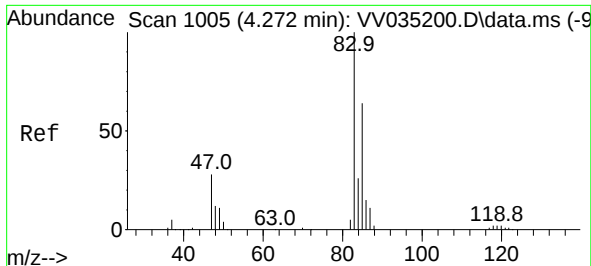
Tgt Ion: 96 Resp: 82413
 Ion Ratio Lower Upper
 96 100
 61 134.0 92.8 172.4
 98 62.8 45.5 84.5



#23
 Bromochloromethane
 Concen: 5.283 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.000 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

Tgt Ion: 128 Resp: 36678
 Ion Ratio Lower Upper
 128 100
 49 168.1 119.8 222.4
 130 119.2 85.2 158.2
 51 55.7 44.8 67.2





#25

Chloroform

Concen: 5.407 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

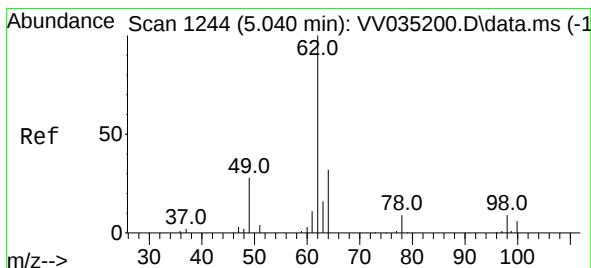
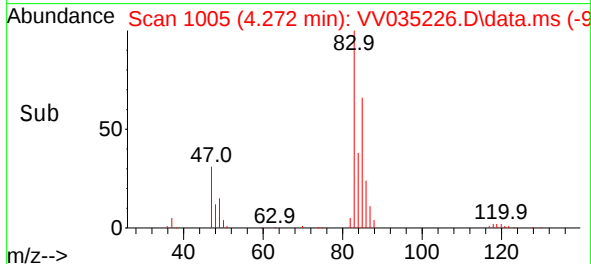
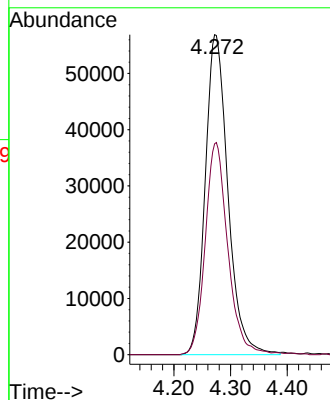
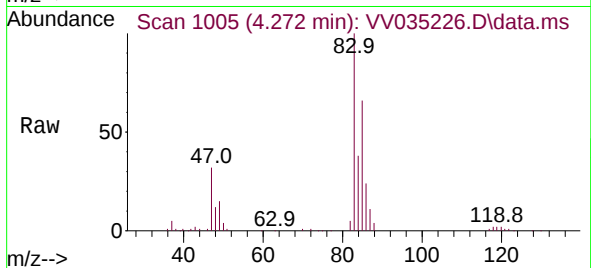
ClientSampleId :

Tgt Ion: 83 Resp: 157901

Ion Ratio Lower Upper

83 100

85 65.9 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.479 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VV035226.D

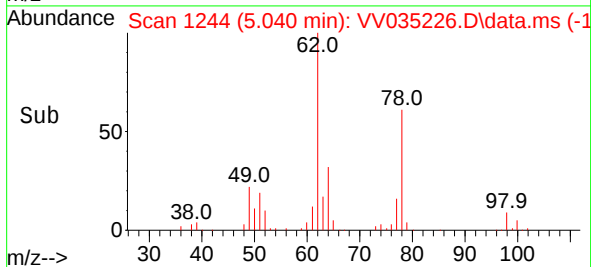
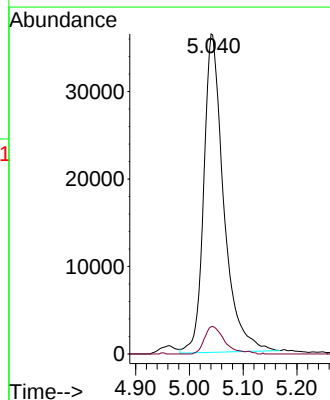
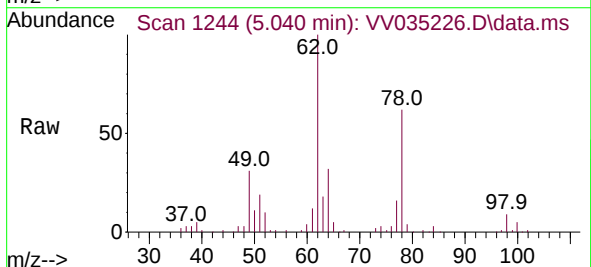
Acq: 16 Apr 2024 08:57

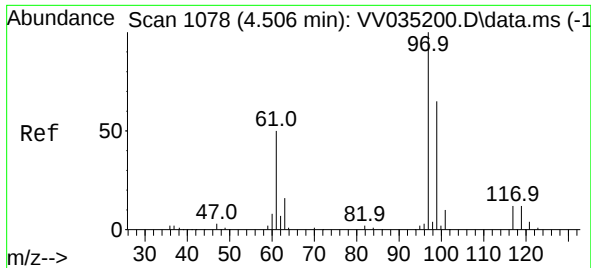
Tgt Ion: 62 Resp: 93820

Ion Ratio Lower Upper

62 100

98 8.5 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.419 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

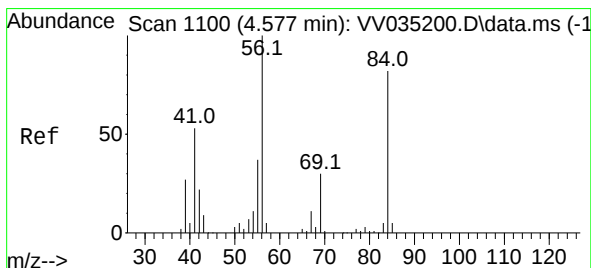
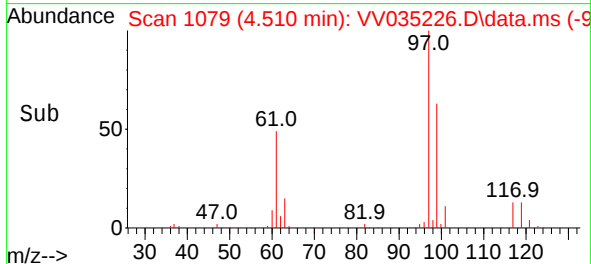
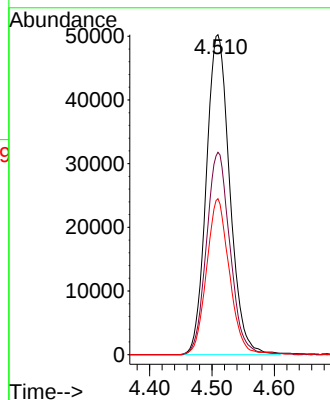
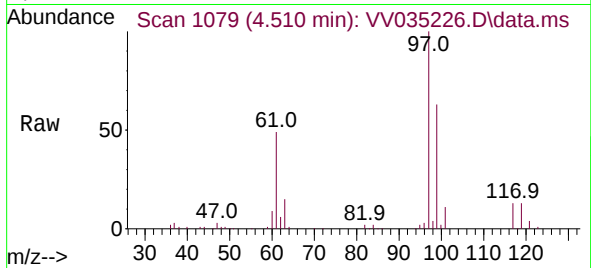
Tgt Ion: 97 Resp: 131612

Ion Ratio Lower Upper

97 100

99 63.3 51.4 77.2

61 47.1 38.3 57.5



#30

Cyclohexane

Concen: 5.120 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

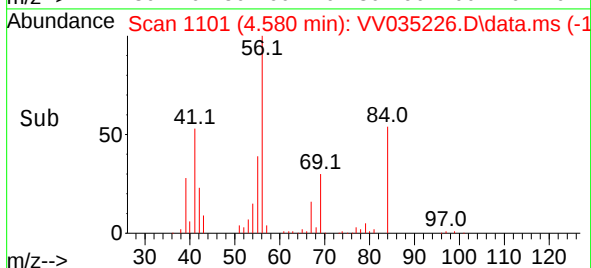
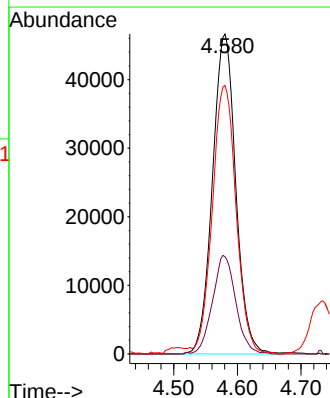
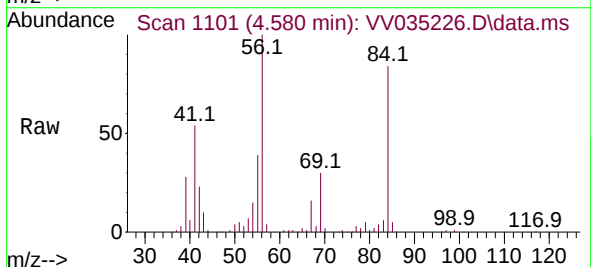
Tgt Ion: 56 Resp: 118487

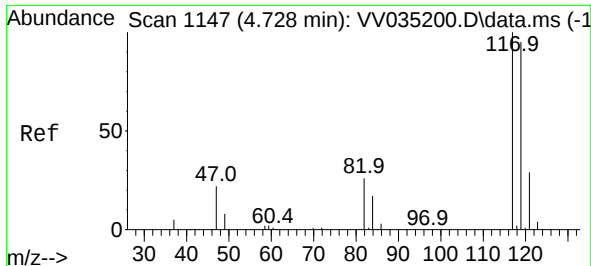
Ion Ratio Lower Upper

56 100

69 30.7 24.8 37.2

84 85.8 69.4 104.2

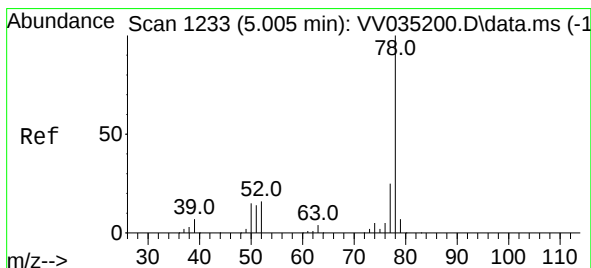
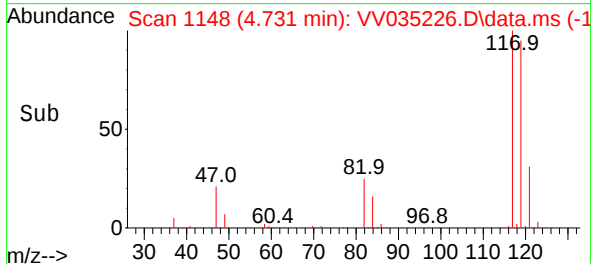
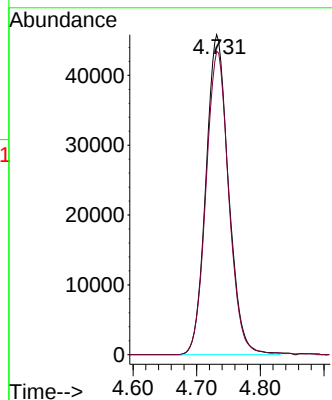
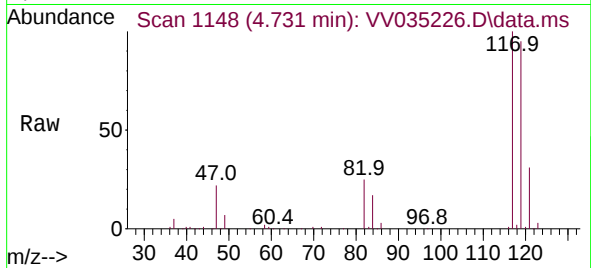




#31
Carbon tetrachloride
Concen: 5.465 ug/L
RT: 4.731 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

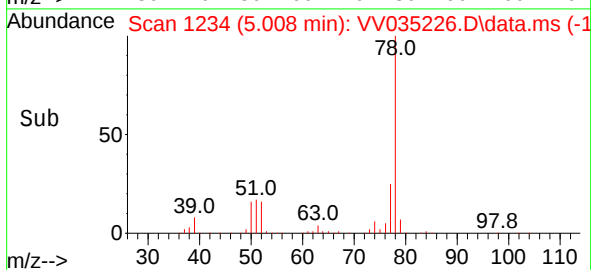
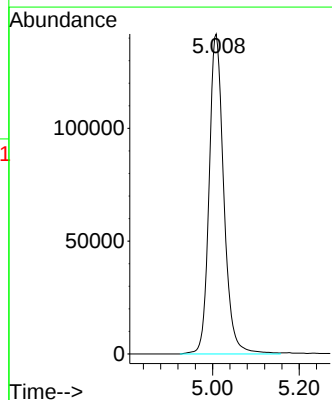
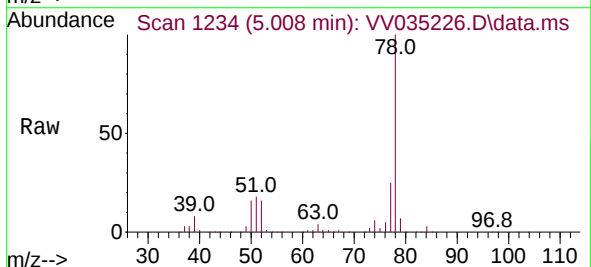
Instrument :
MSVOA_V
ClientSampleId :

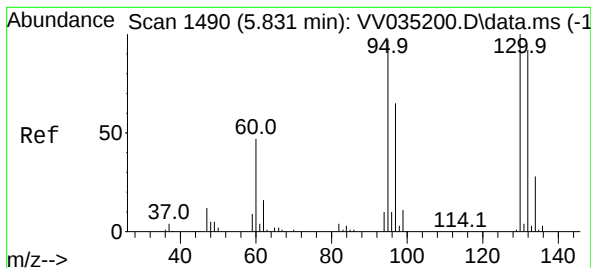
Tgt Ion:117 Resp: 113262
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#33
Benzene
Concen: 5.507 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion: 78 Resp: 334111





#34

Trichloroethene

Concen: 5.278 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 84229

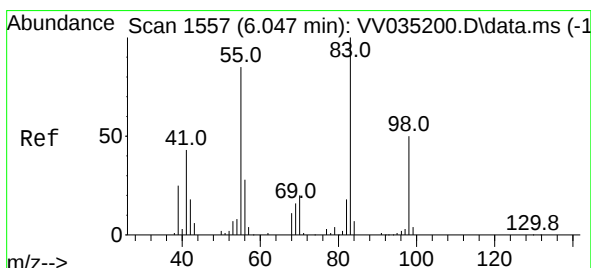
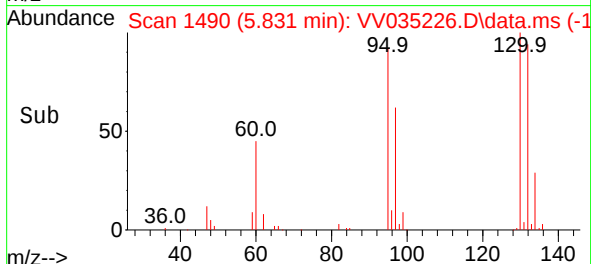
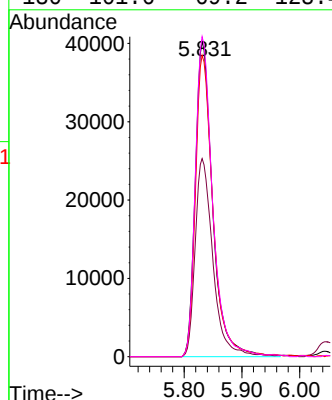
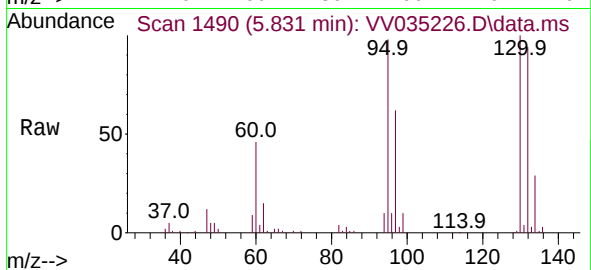
Ion Ratio Lower Upper

95 100

97 62.9 44.7 82.9

132 95.7 64.8 120.3

130 101.6 69.2 128.4



#35

Methylcyclohexane

Concen: 4.932 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

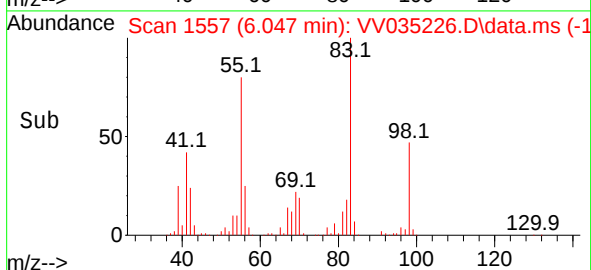
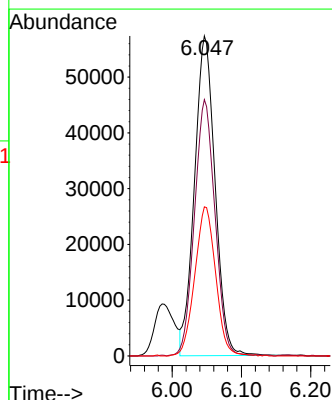
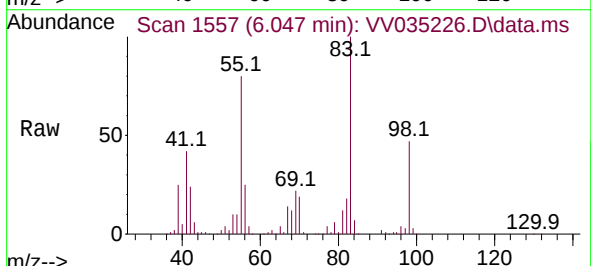
Tgt Ion: 83 Resp: 118558

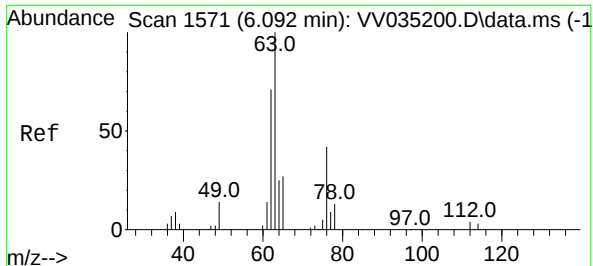
Ion Ratio Lower Upper

83 100

55 80.1 63.8 95.6

98 47.4 37.4 56.2

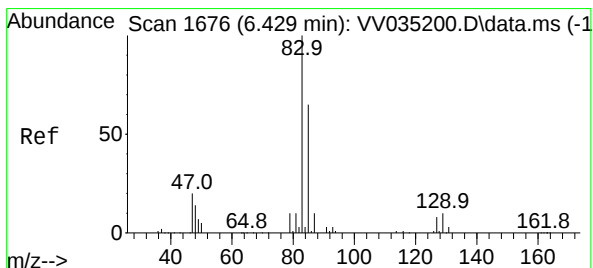
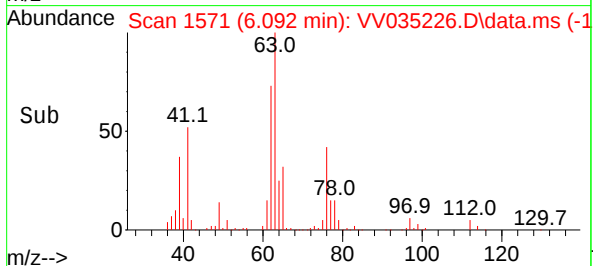
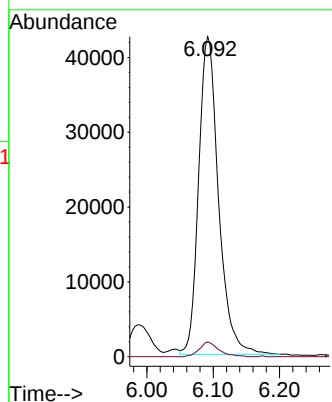
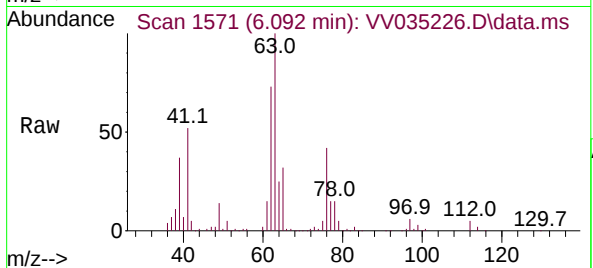




#37
1,2-Dichloropropane
Concen: 5.503 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

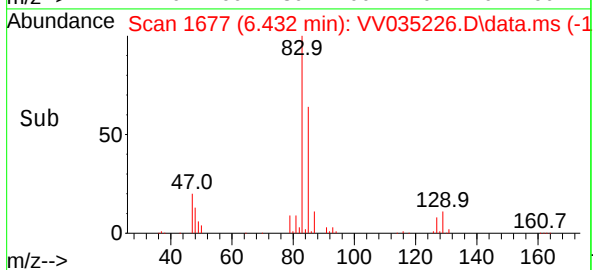
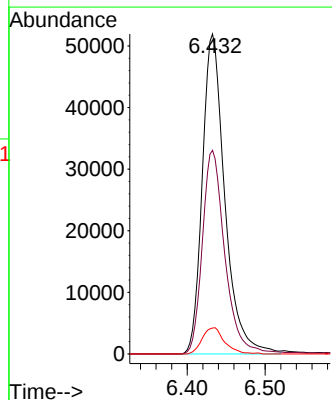
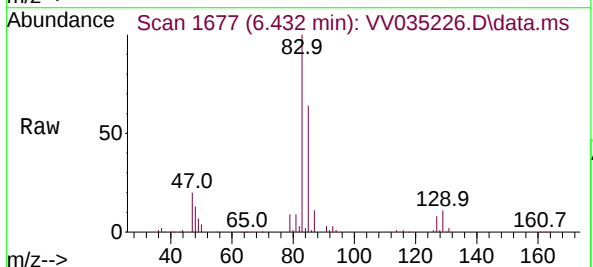
Instrument :
MSVOA_V
ClientSampleId :

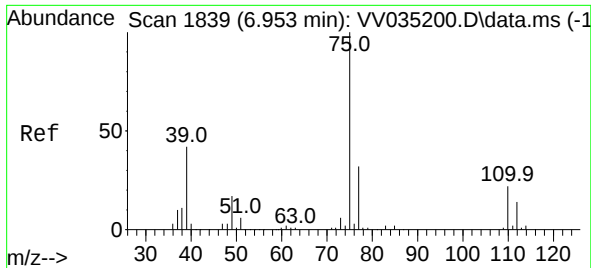
Tgt Ion: 63 Resp: 88294
Ion Ratio Lower Upper
63 100
112 4.5 3.3 4.9



#38
Bromodichloromethane
Concen: 5.344 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion: 83 Resp: 104392
Ion Ratio Lower Upper
83 100
85 63.6 43.8 81.4
127 8.1 6.3 9.5

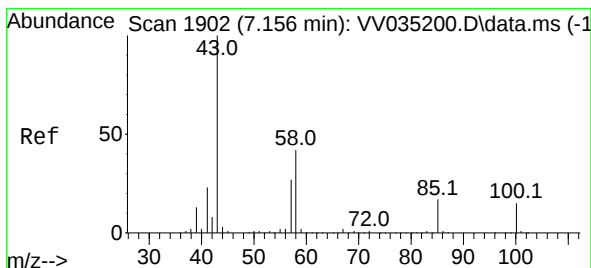
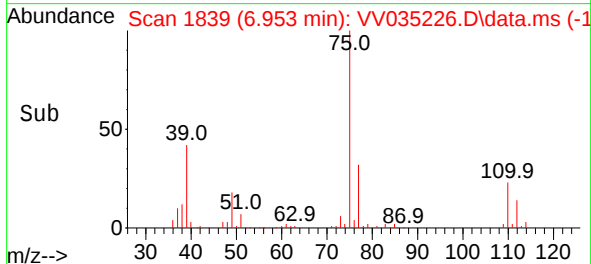
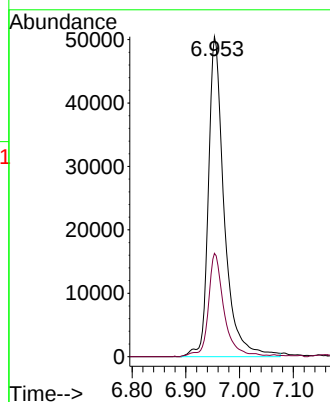
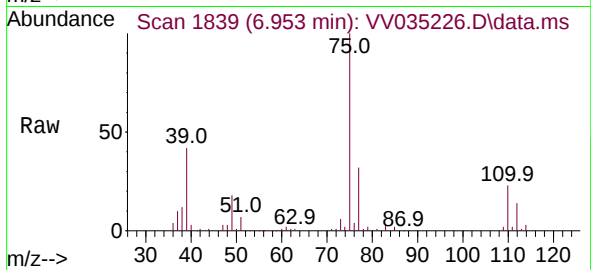




#39
 cis-1,3-Dichloropropene
 Concen: 4.846 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

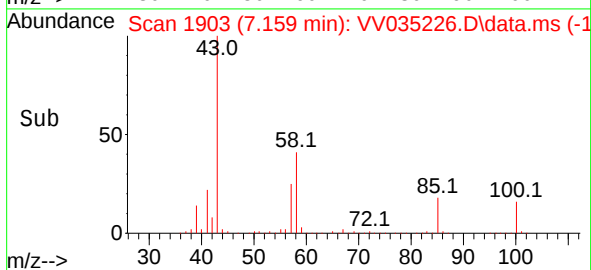
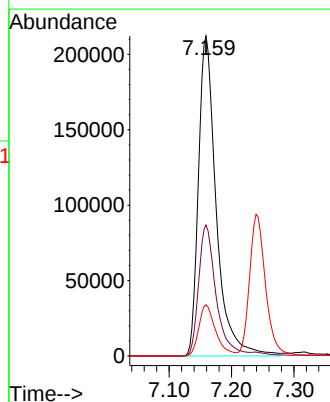
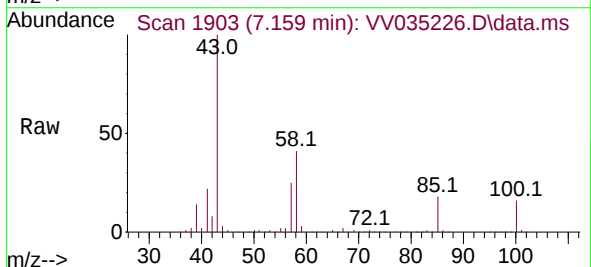
Instrument :
 MSVOA_V
 ClientSampleId :

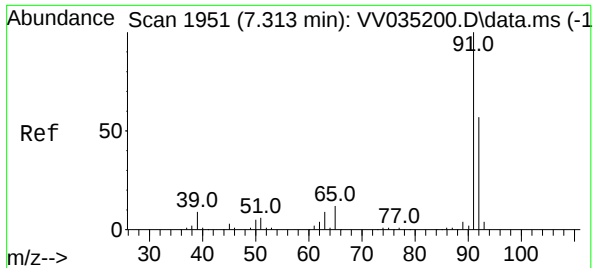
Tgt Ion: 75 Resp: 103361
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 49.812 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

Tgt Ion: 43 Resp: 421059
 Ion Ratio Lower Upper
 43 100
 58 40.0 33.4 50.0
 100 15.2 10.6 15.8





#42

Toluene

Concen: 5.539 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

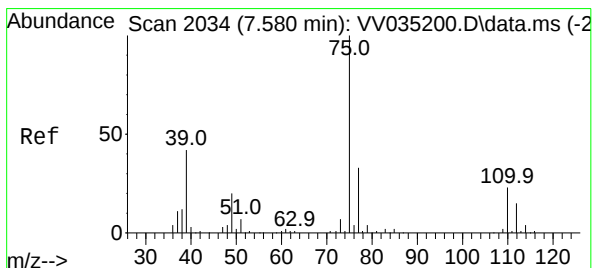
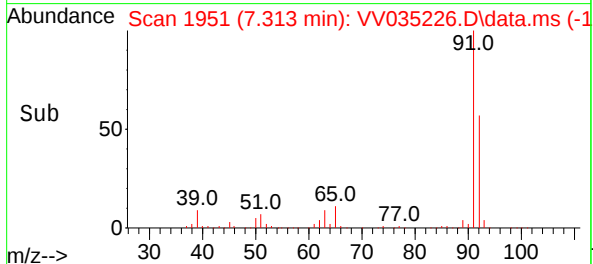
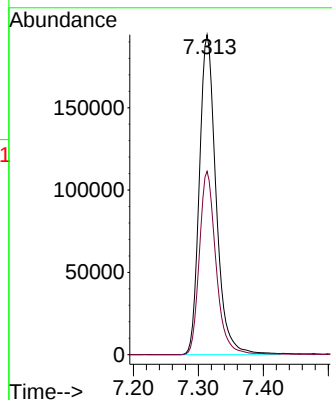
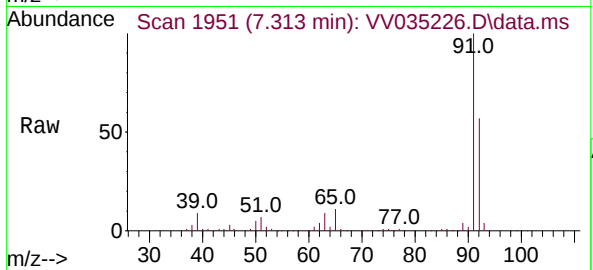
ClientSampleId :

Tgt Ion: 91 Resp: 348531

Ion Ratio Lower Upper

91 100

92 57.3 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.891 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV035226.D

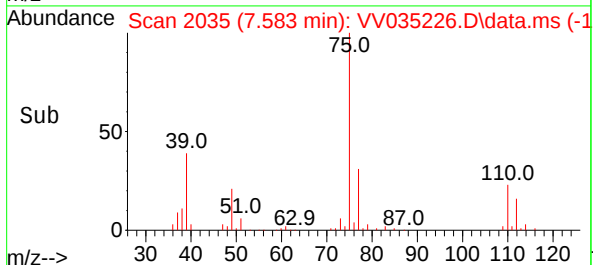
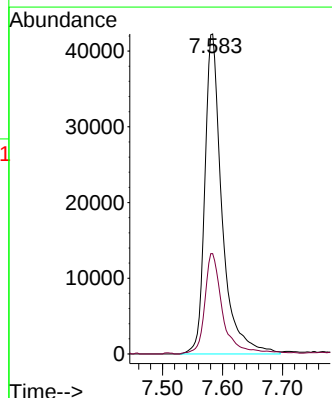
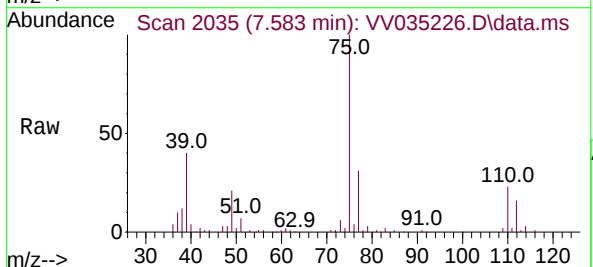
Acq: 16 Apr 2024 08:57

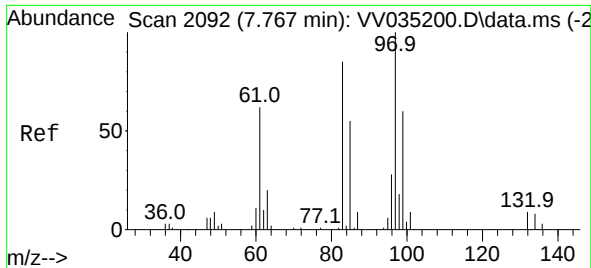
Tgt Ion: 75 Resp: 84329

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.3

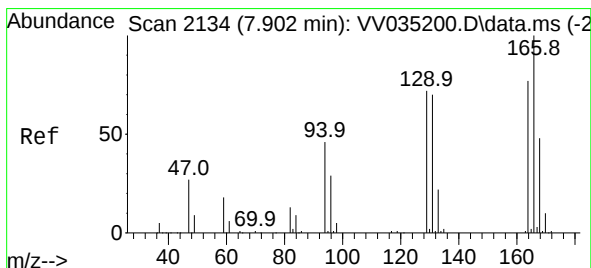
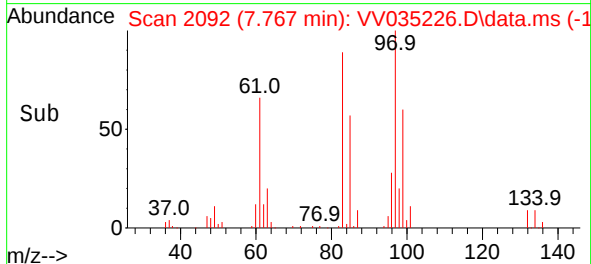
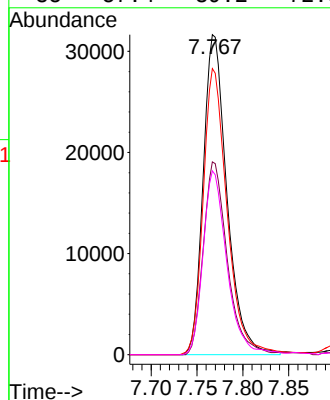
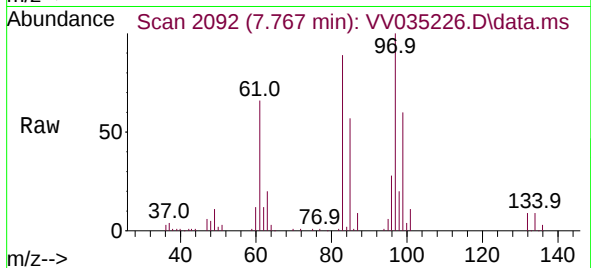




#45
1,1,2-Trichloroethane
Concen: 5.131 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

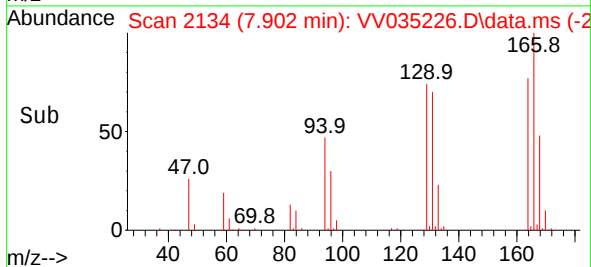
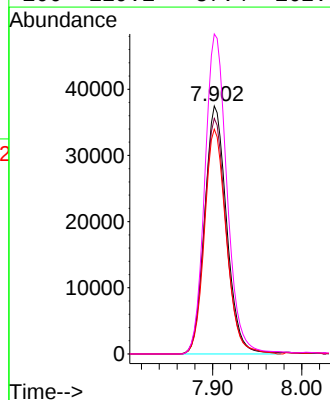
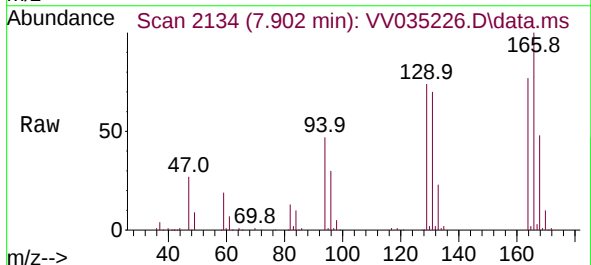
Instrument :
MSVOA_V
ClientSampleId :

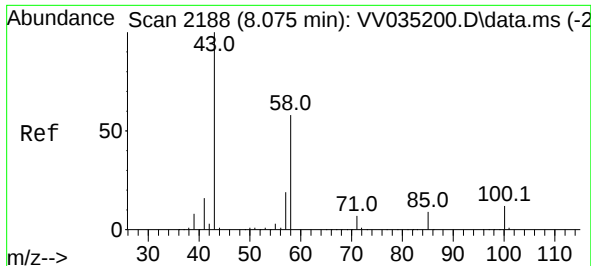
Tgt Ion:	97	Resp:	57127
Ion	Ratio	Lower	Upper
97	100		
99	60.3	44.2	82.2
83	89.4	60.2	111.8
85	57.4	39.2	72.8



#47
Tetrachloroethene
Concen: 5.077 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion:	164	Resp:	64275
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.3	121.3
131	90.6	60.9	113.1
166	129.1	87.4	162.4

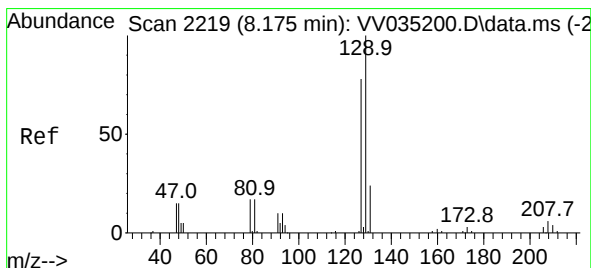
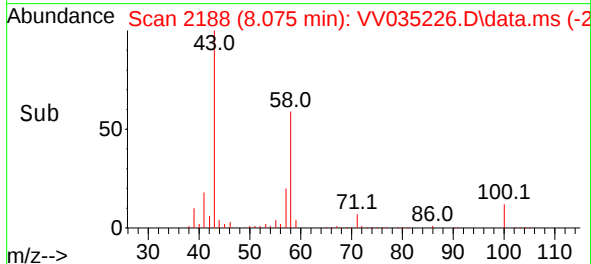
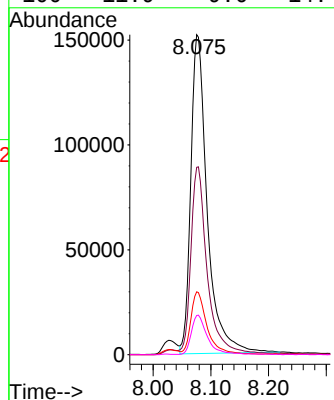
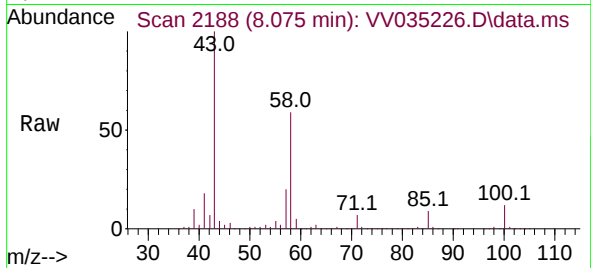




#48
2-Hexanone
Concen: 47.938 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

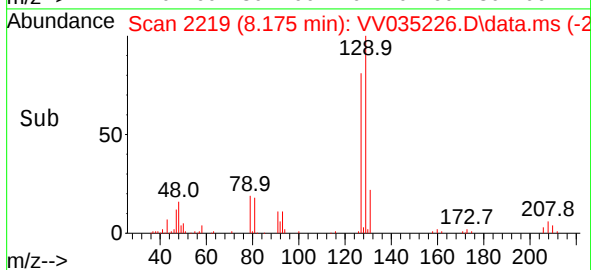
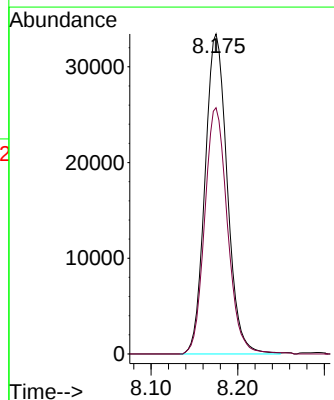
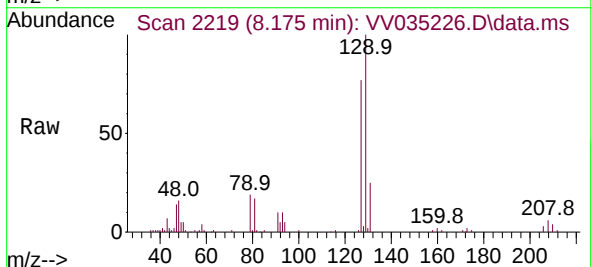
Instrument :
MSVOA_V
ClientSampleId :

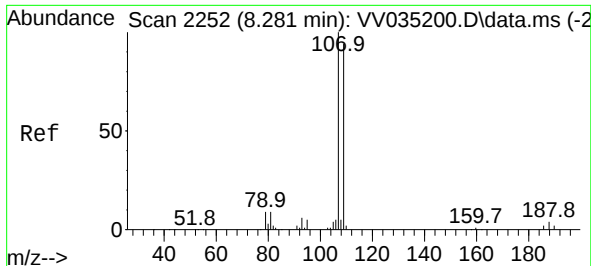
Tgt Ion: 43 Resp: 299770
Ion Ratio Lower Upper
43 100
58 57.8 45.2 67.8
57 19.4 15.5 23.3
100 11.9 9.6 14.4



#49
Dibromochloromethane
Concen: 5.181 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

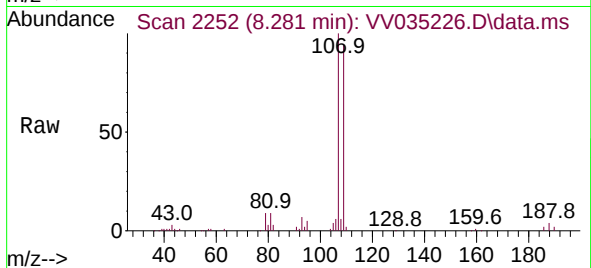
Tgt Ion: 129 Resp: 59583
Ion Ratio Lower Upper
129 100
127 76.9 55.2 102.6



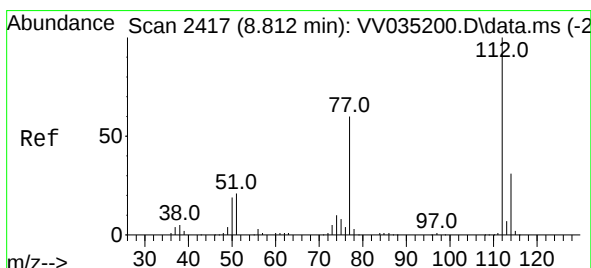
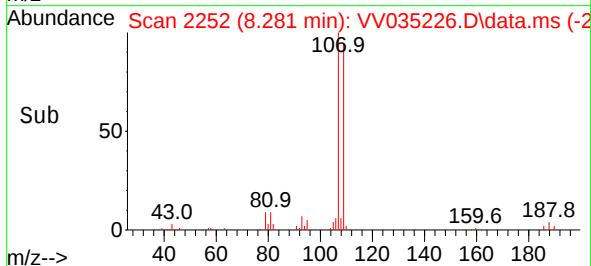
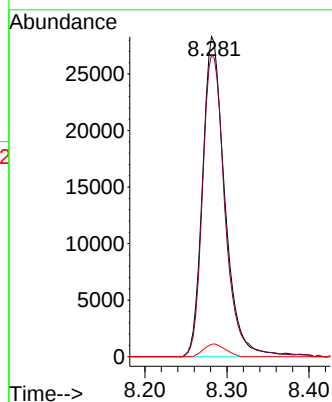


#50
1,2-Dibromoethane
Concen: 5.078 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Instrument :
MSVOA_V
ClientSampleId :

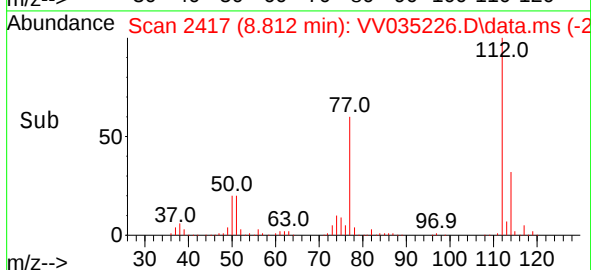
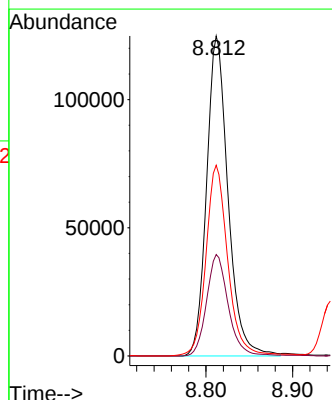
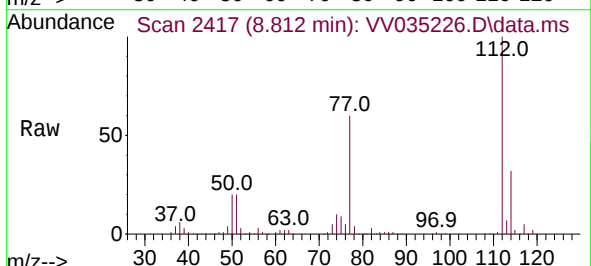


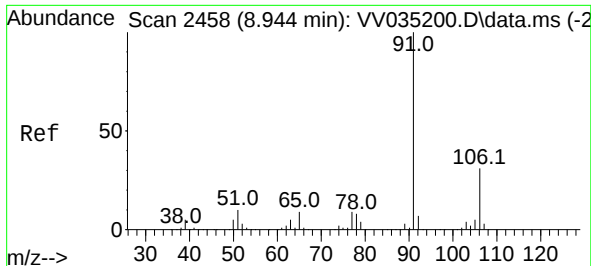
Tgt Ion:107 Resp: 53094
Ion Ratio Lower Upper
107 100
109 94.4 69.1 128.3
188 3.9 2.8 4.2



#51
Chlorobenzene
Concen: 5.261 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion:112 Resp: 214247
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 59.6 49.0 73.6





#52

Ethylbenzene

Concen: 5.261 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

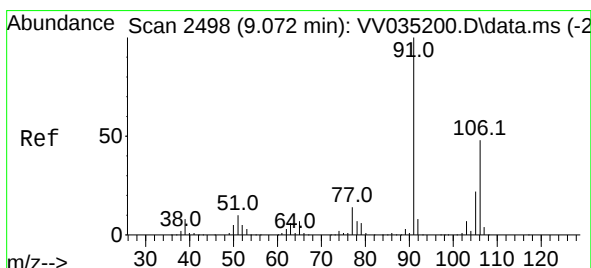
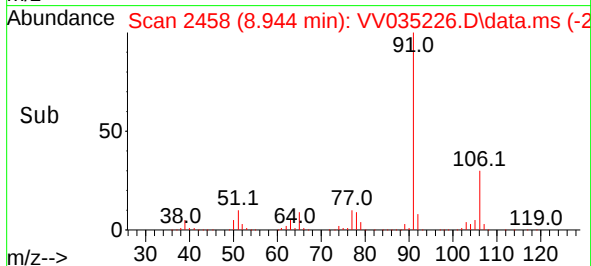
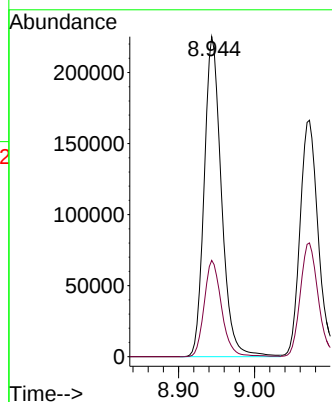
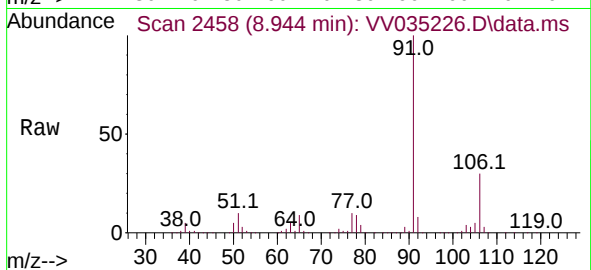
ClientSampleId :

Tgt Ion: 91 Resp: 354730

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 5.333 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV035226.D

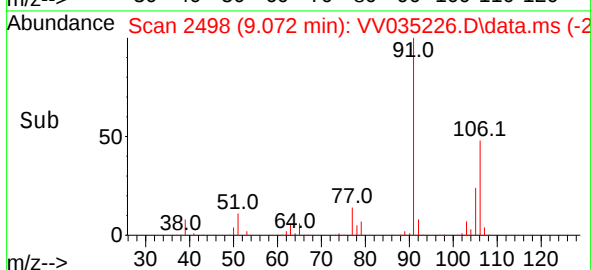
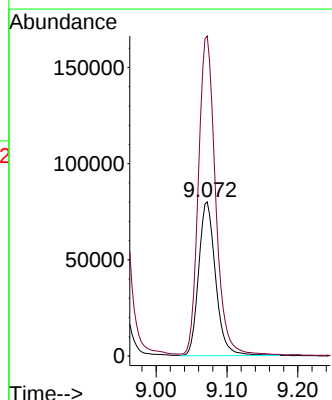
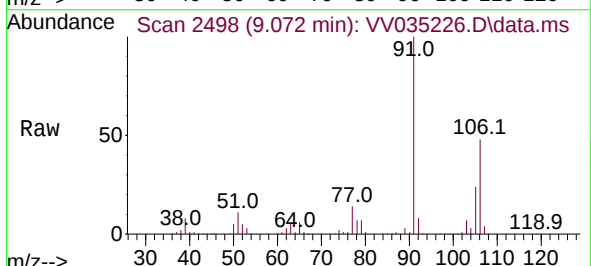
Acq: 16 Apr 2024 08:57

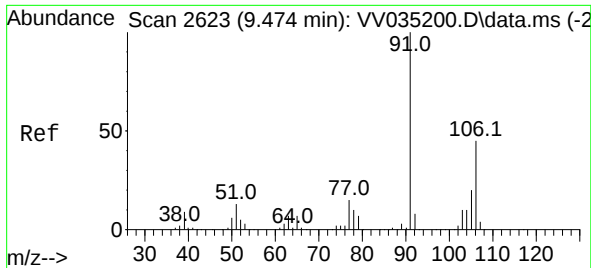
Tgt Ion:106 Resp: 132467

Ion Ratio Lower Upper

106 100

91 207.7 147.1 273.3

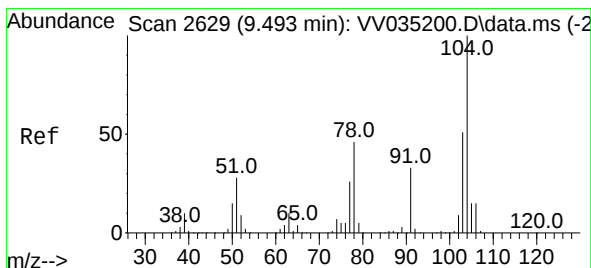
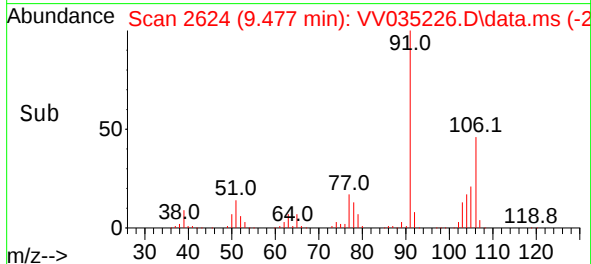
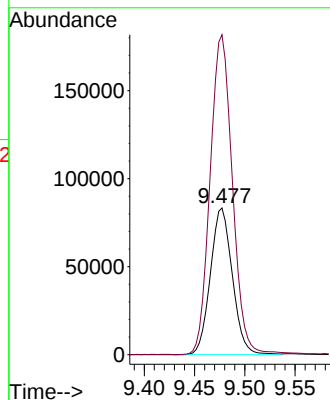
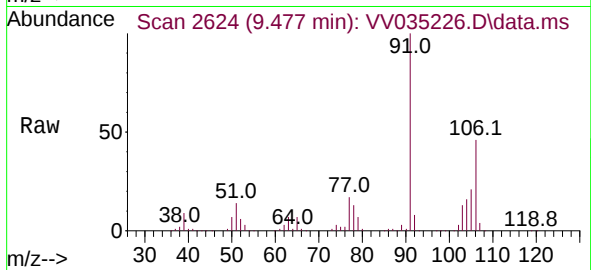




#54
o-Xylene
Concen: 5.287 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

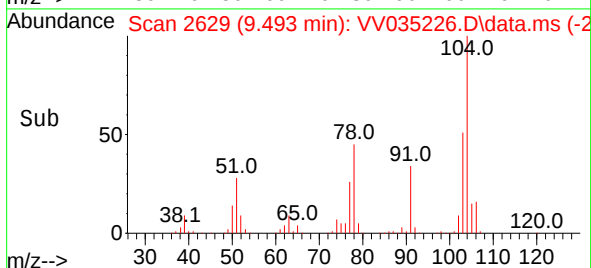
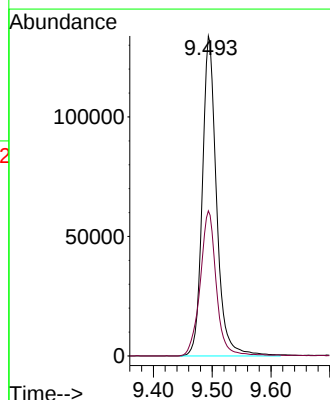
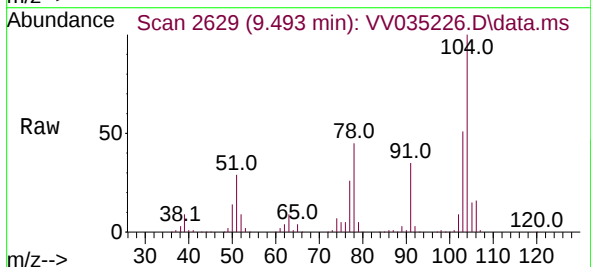
Instrument :
MSVOA_V
ClientSampleId :

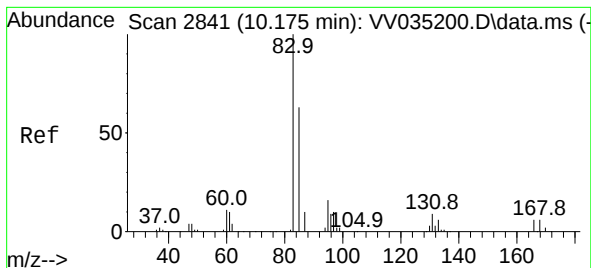
Tgt Ion:106 Resp: 126746
Ion Ratio Lower Upper
106 100
91 218.0 157.7 292.9



#55
Styrene
Concen: 5.588 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

Tgt Ion:104 Resp: 225374
Ion Ratio Lower Upper
104 100
78 45.4 32.4 60.2

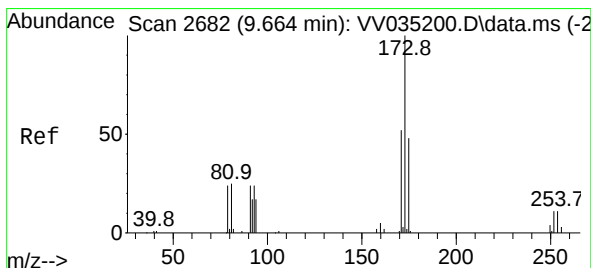
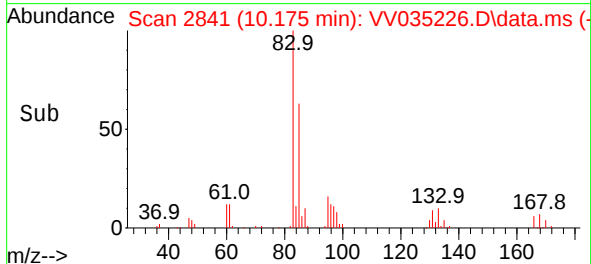
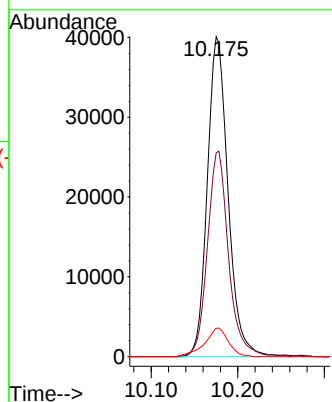
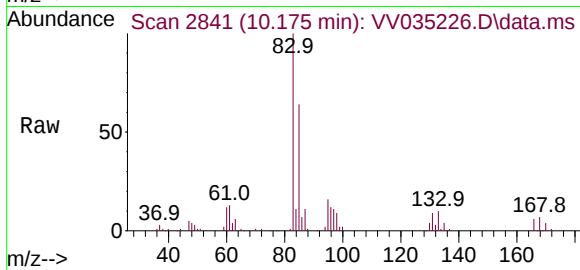




#57
1,1,2,2-Tetrachloroethane
Concen: 4.886 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

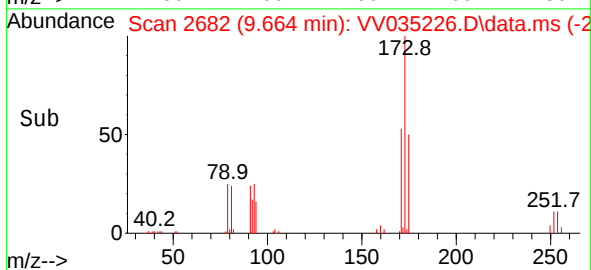
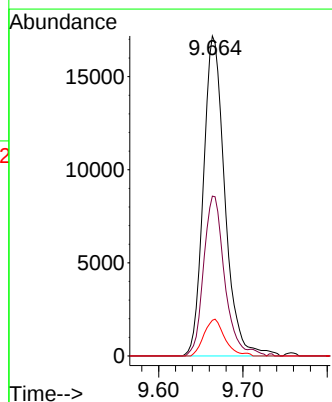
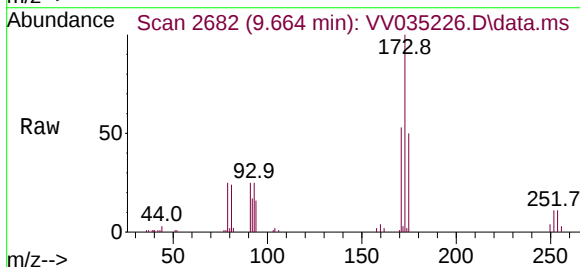
Instrument :
MSVOA_V
ClientSampleId :

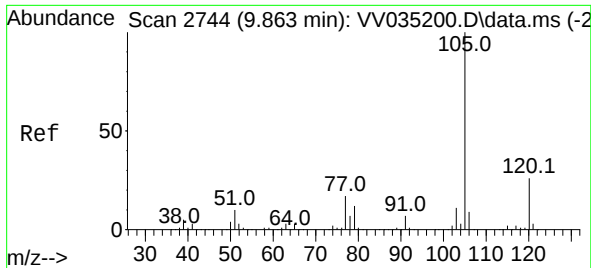
Tgt Ion: 83 Resp: 66655
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
131 8.9 7.8 11.6



#59
Bromoform
Concen: 5.239 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

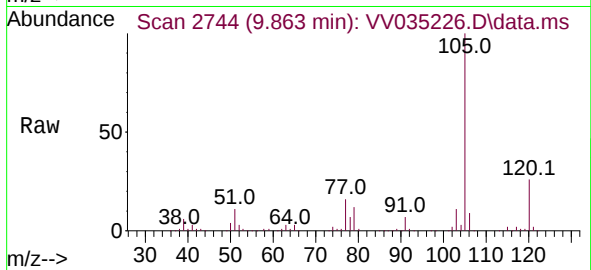
Tgt Ion: 173 Resp: 30417
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 11.2 8.2 12.2



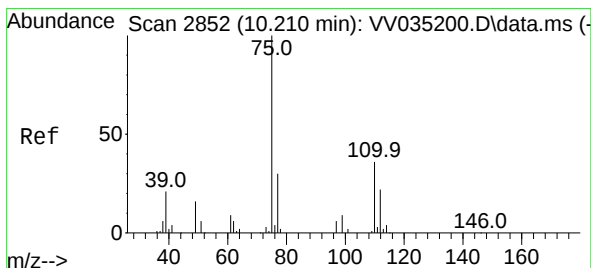
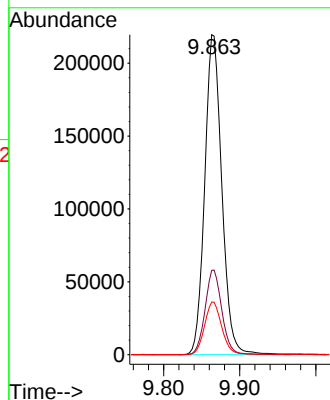
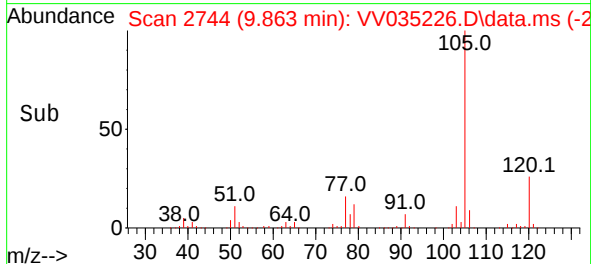


#60
Isopropylbenzene
Concen: 5.474 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57

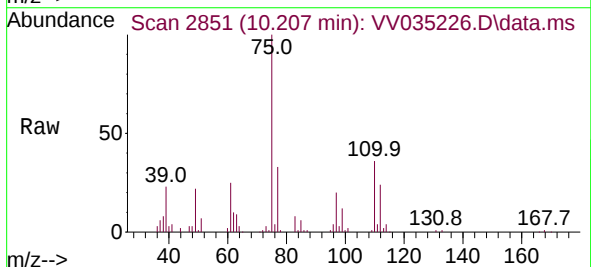
Instrument :
MSVOA_V
ClientSampleId :



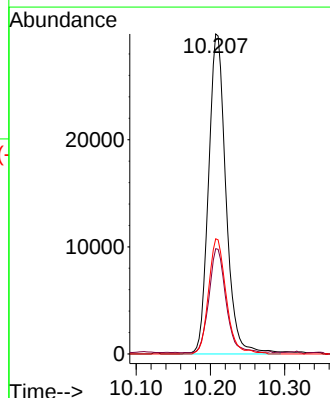
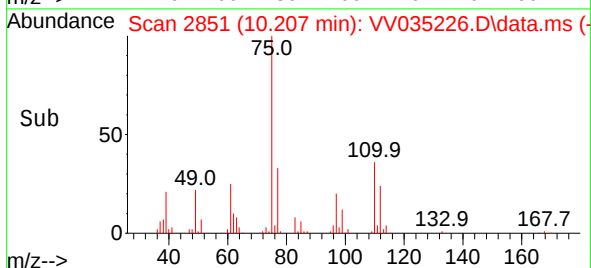
Tgt Ion:105 Resp: 342757
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 16.6 13.1 19.7

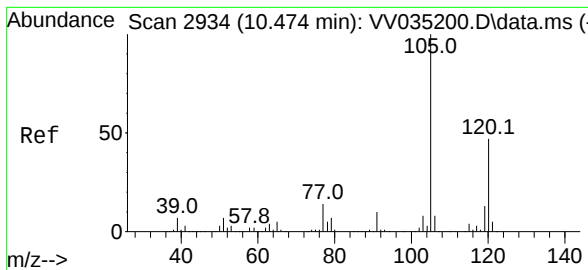


#61
1,2,3-Trichloropropane
Concen: 4.971 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035226.D
Acq: 16 Apr 2024 08:57



Tgt Ion: 75 Resp: 48645
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 36.3 29.6 44.4

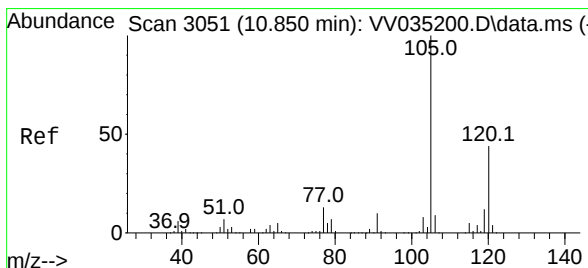
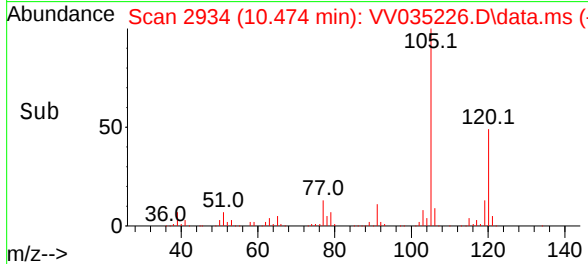
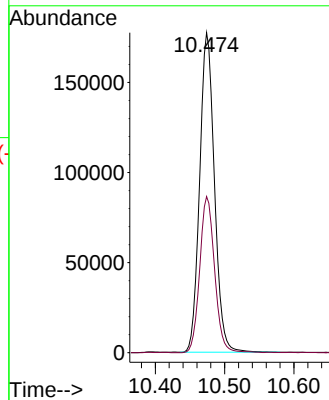
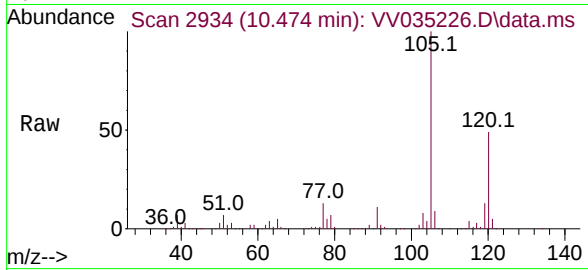




#62
 1,3,5-Trimethylbenzene
 Concen: 5.210 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

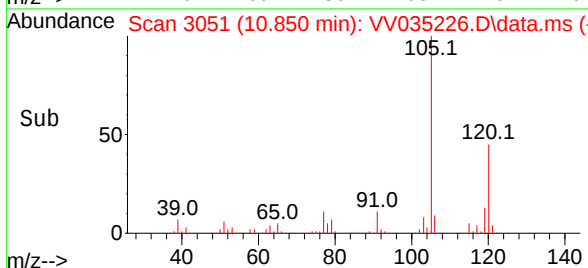
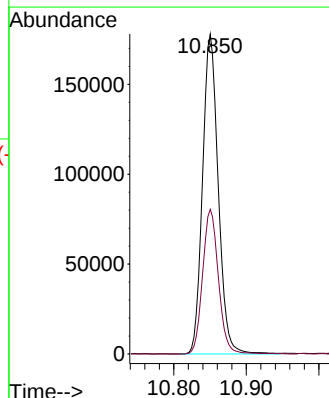
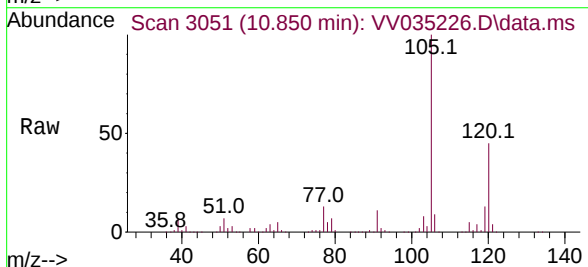
Instrument :
 MSVOA_V
 ClientSampleId :

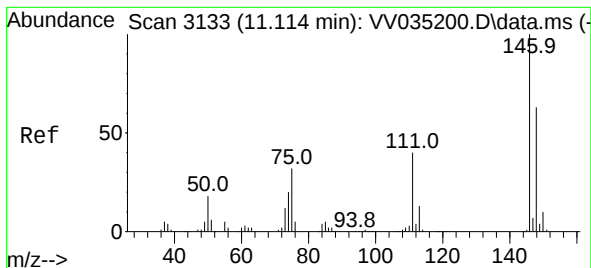
Tgt Ion:105 Resp: 263377
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 5.362 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.000 min
 Lab File: VV035226.D
 Acq: 16 Apr 2024 08:57

Tgt Ion:105 Resp: 267860
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.333 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

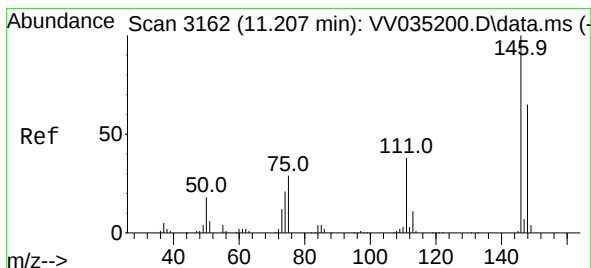
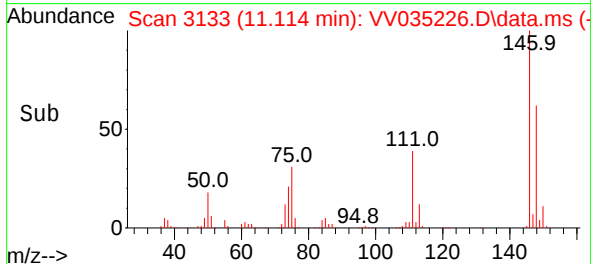
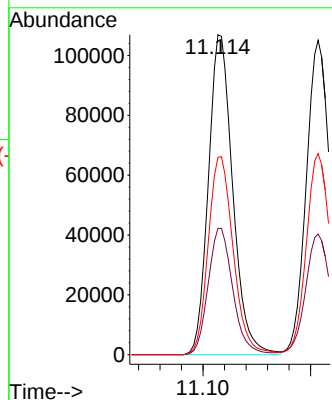
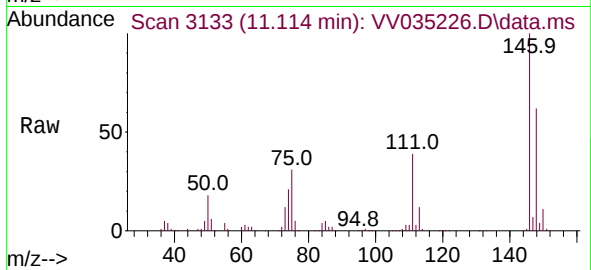
Tgt Ion:146 Resp: 168042

Ion Ratio Lower Upper

146 100

111 39.5 27.6 51.2

148 61.7 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.156 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

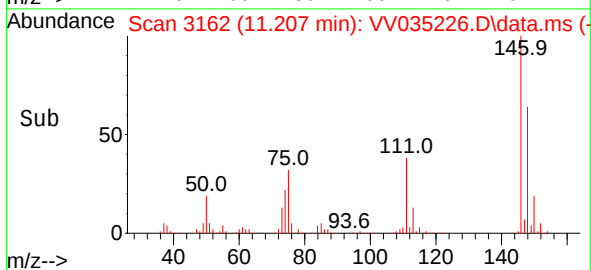
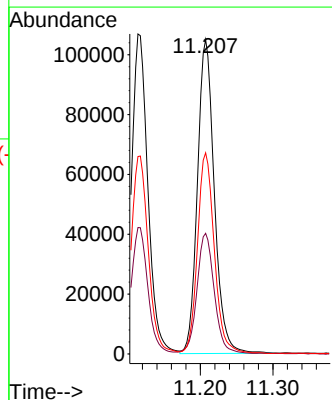
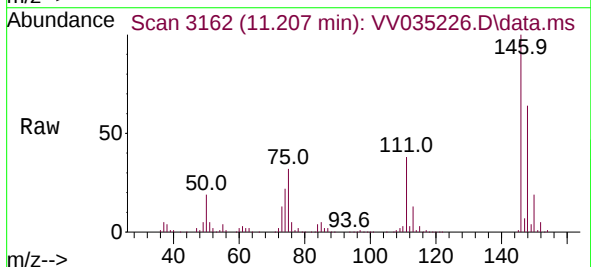
Tgt Ion:146 Resp: 169714

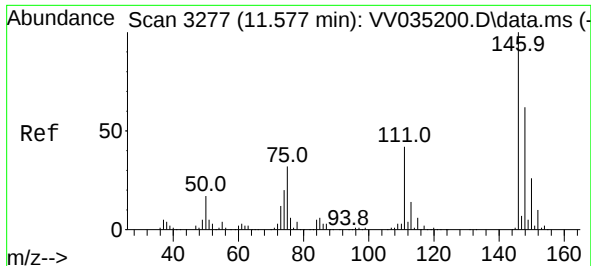
Ion Ratio Lower Upper

146 100

111 38.4 27.1 50.3

148 64.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.204 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

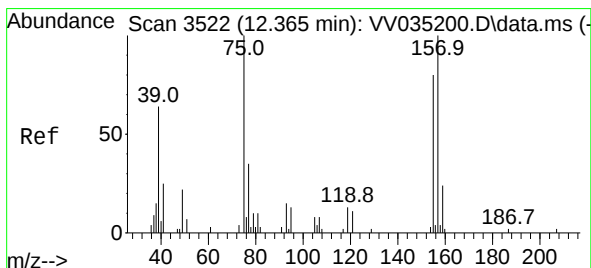
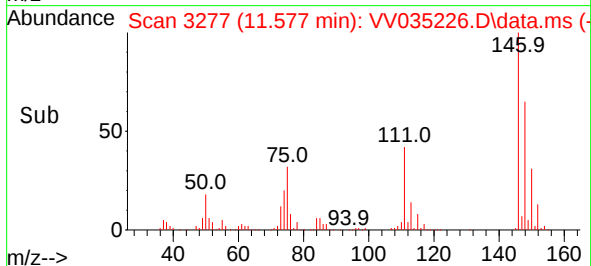
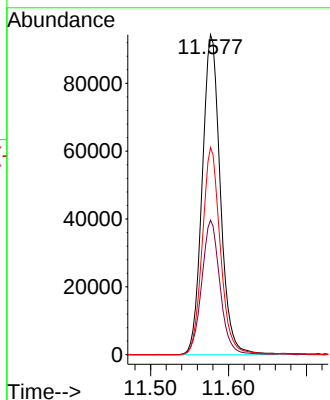
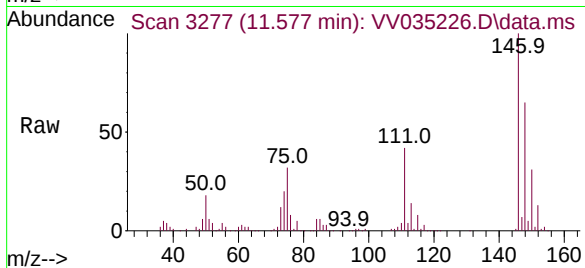
Tgt Ion:146 Resp: 152251

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

148 64.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.585 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

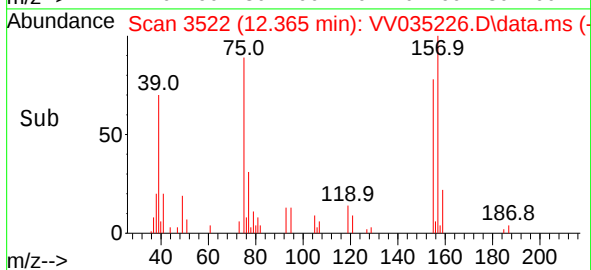
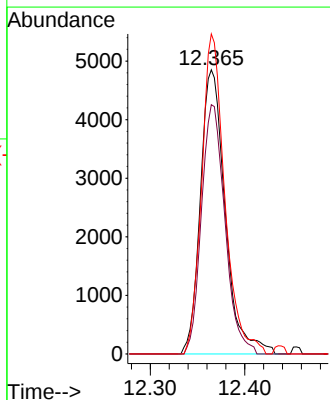
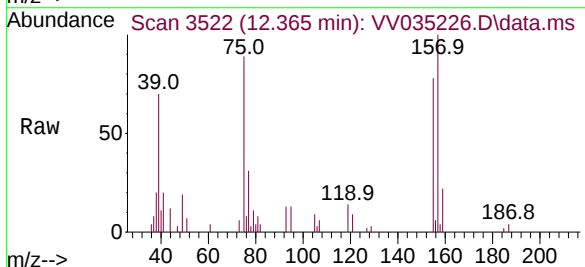
Tgt Ion: 75 Resp: 8856

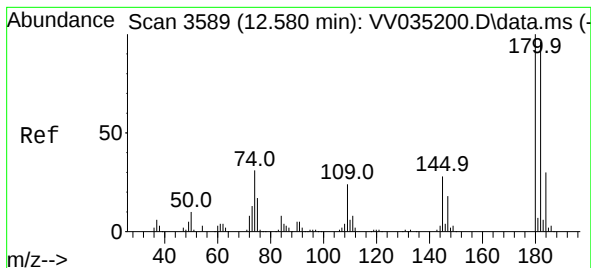
Ion Ratio Lower Upper

75 100

155 87.8 66.8 100.2

157 112.6 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 4.978 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

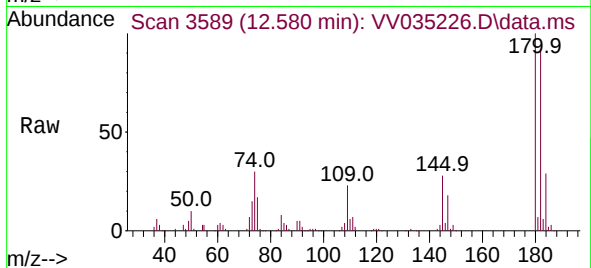
Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 119066

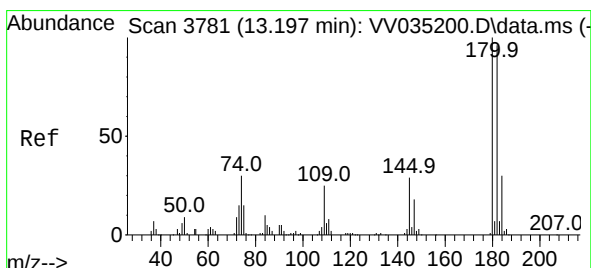
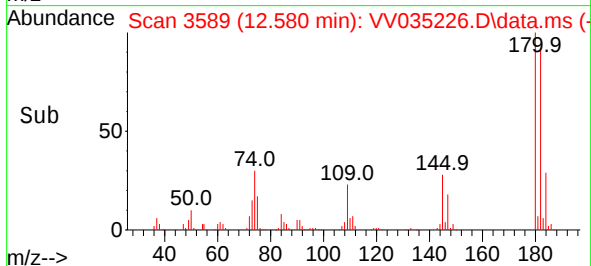
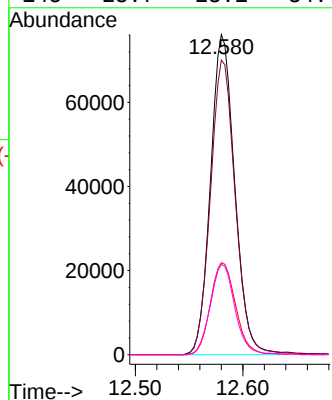
Ion Ratio Lower Upper

180 100

182 94.8 75.4 113.2

184 29.9 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 4.634 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

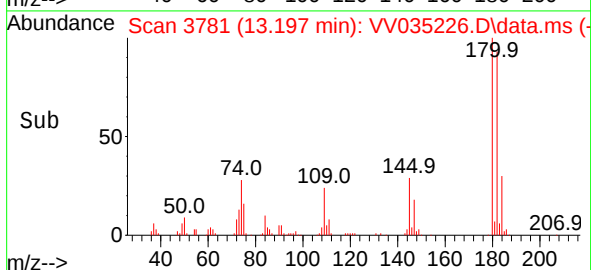
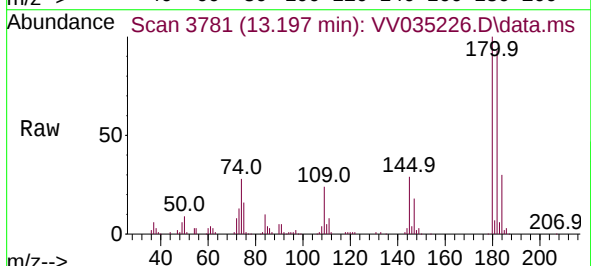
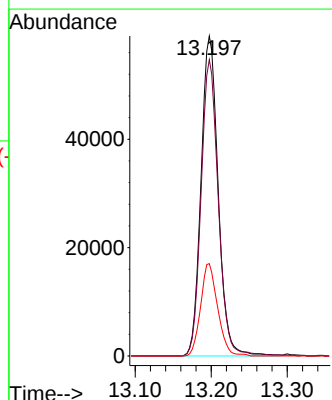
Tgt Ion:180 Resp: 92446

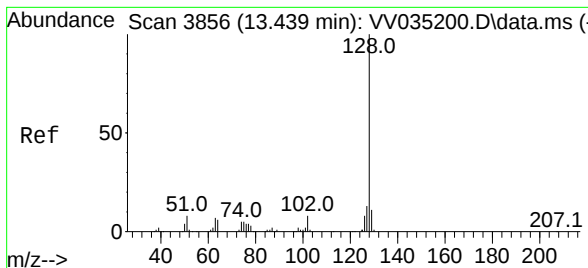
Ion Ratio Lower Upper

180 100

182 92.7 76.9 115.3

145 28.6 23.5 35.3





#71

Naphthalene

Concen: 3.832 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Instrument :

MSVOA_V

ClientSampleId :

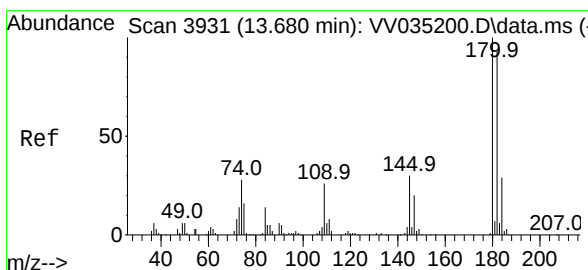
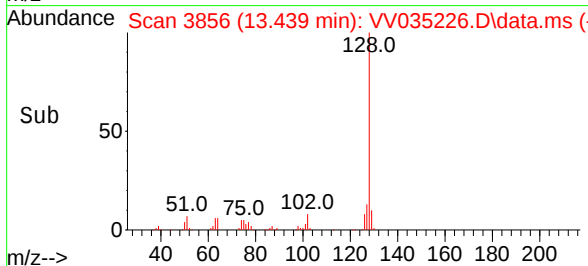
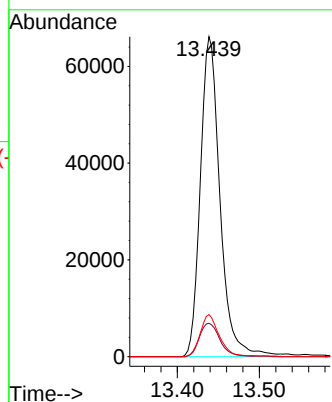
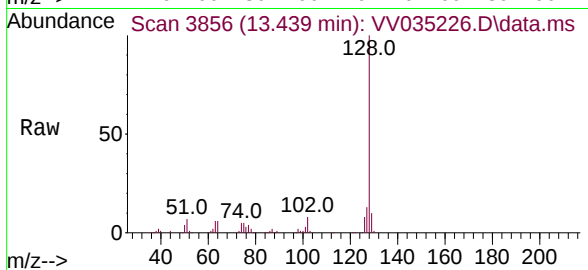
Tgt Ion:128 Resp: 109840

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.709 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV035226.D

Acq: 16 Apr 2024 08:57

Tgt Ion:180 Resp: 83390

Ion Ratio Lower Upper

180 100

182 94.8 75.9 113.9

145 31.4 25.3 37.9

