

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050724\
 Data File : VV035545.D
 Acq On : 07 May 2024 10:33
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 02:21:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:49:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	424616	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	448049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	261802	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	172855	26.338	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.360%
7) Chloroethane-d5	1.529	69	138066	26.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.320%
11) 1,1-Dichloroethene-d2	2.053	65	72297	24.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.520%
21) 2-Butanone-d5	3.838	46	30718	16.493	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	32.980%
24) Chloroform-d	4.243	84	326574	25.870	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.480%
26) 1,2-Dichloroethane-d4	4.937	65	165583	26.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.120%
32) Benzene-d6	4.953	84	643113	26.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.880%
36) 1,2-Dichloropropane-d6	5.985	67	192351	25.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	7.239	98	603367	27.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.560%
43) trans-1,3-Dichloroprop...	7.551	79	87909	27.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.640%
47) 2-Hexanone-d5	8.030	63	68178	50.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	178681	24.499	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	223081	24.553	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	192473	22.296	ug/L	99
3) Chloromethane	1.214	50	198190	22.866	ug/L	99
5) Vinyl chloride	1.281	62	208238	23.255	ug/L	99
6) Bromomethane	1.484	94	138820	24.484	ug/L	99
8) Chloroethane	1.545	64	136582	24.744	ug/L	98
9) Trichlorofluoromethane	1.709	101	277474	23.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	179197	24.300	ug/L	100
12) 1,1-Dichloroethene	2.066	96	161624	24.265	ug/L	96
13) Acetone	2.156	43	139015	50.988	ug/L	95
14) Carbon disulfide	2.233	76	456685	21.646	ug/L	99
15) Methyl Acetate	2.384	43	98543	23.856	ug/L #	90
16) Methylene chloride	2.442	84	218647	22.330	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	184863	25.000	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	508485	28.507	ug/L	99
19) 1,1-Dichloroethane	3.104	63	370197	26.704	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	215224	26.849	ug/L	99
22) 2-Butanone	3.908	43	109434	43.222	ug/L #	68
23) Bromochloromethane	4.143	128	105308	27.161	ug/L	99
25) Chloroform	4.268	83	387100	27.042	ug/L	98

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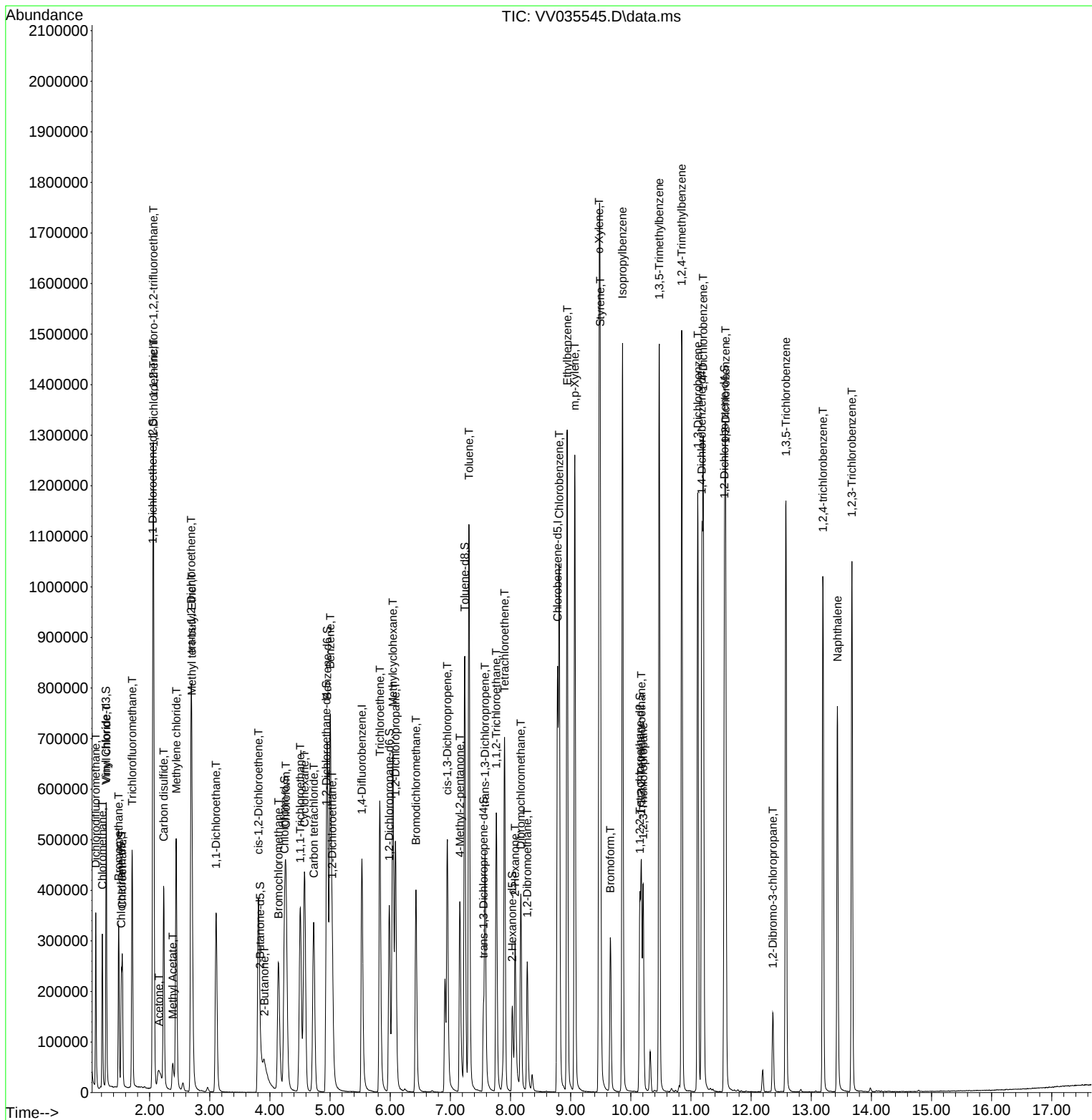
Instrument :
 MSVOA_V
 ClientSampleId :

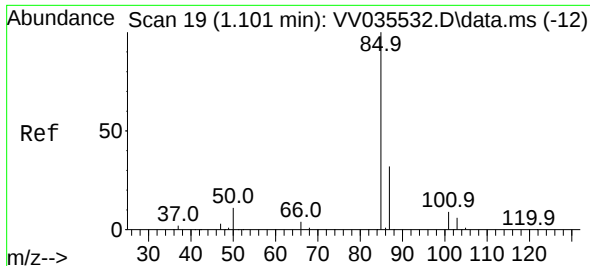
Quant Time: May 08 02:21:45 2024
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 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:49:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	245605	27.553	ug/L	100
29) Cyclohexane	4.574	56	247126	23.065	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	310617	25.003	ug/L	100
31) Carbon tetrachloride	4.728	117	268097	24.596	ug/L	100
33) Benzene	5.005	78	779662	26.292	ug/L	100
34) Trichloroethene	5.828	95	214019	25.515	ug/L	96
35) Methylcyclohexane	6.043	83	294454	23.122	ug/L	99
37) 1,2-Dichloropropane	6.088	63	211016	27.275	ug/L	99
38) Bromodichloromethane	6.429	83	284201	27.117	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	337129	27.860	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	273602	59.049	ug/L	99
42) Toluene	7.310	91	843984	26.894	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	299403	28.284	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	182547	27.770	ug/L	99
46) Tetrachloroethene	7.902	164	169420	24.861	ug/L	99
48) 2-Hexanone	8.075	43	202152	58.189	ug/L	99
49) Dibromochloromethane	8.172	129	204256	27.537	ug/L	98
50) 1,2-Dibromoethane	8.278	107	177560	27.418	ug/L	99
51) Chlorobenzene	8.808	112	577783	26.534	ug/L	99
52) Ethylbenzene	8.944	91	935465	26.999	ug/L	100
53) m,p-Xylene	9.069	106	356455	27.116	ug/L	99
54) o-Xylene	9.474	106	344877	27.681	ug/L	95
55) Styrene	9.493	104	632573	29.110	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	224472	28.032	ug/L	98
59) Bromoform	9.661	173	142113	27.622	ug/L	99
60) Isopropylbenzene	9.863	105	944747	27.090	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	170432	27.781	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	785080	28.697	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	796919	28.347	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	491107	26.834	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	501408	26.464	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	462685	26.857	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	40824	28.693	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	380814	26.627	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	324346	27.160	ug/L	100
71) Naphthalene	13.435	128	600443	28.640	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	307636	28.635	ug/L	100

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

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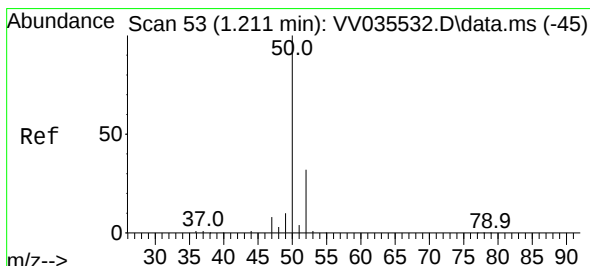
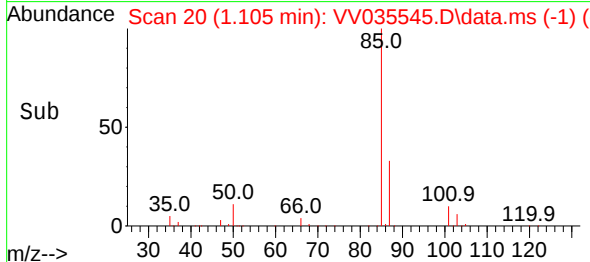
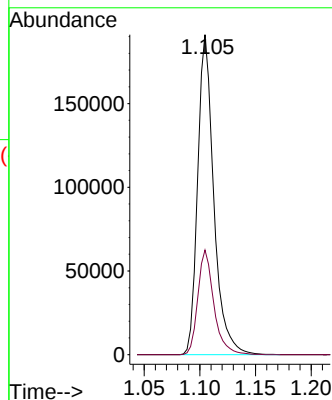
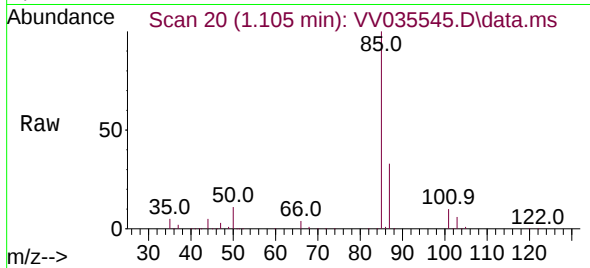




#2
 Dichlorodifluoromethane
 Concen: 22.296 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

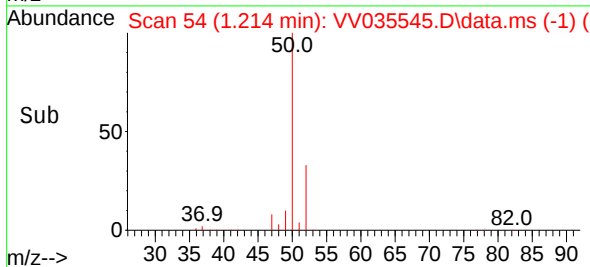
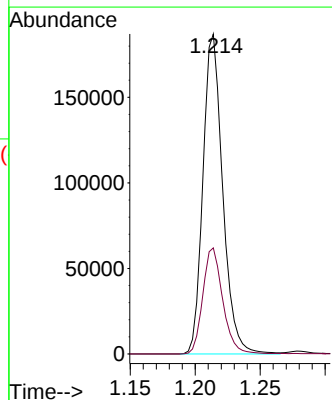
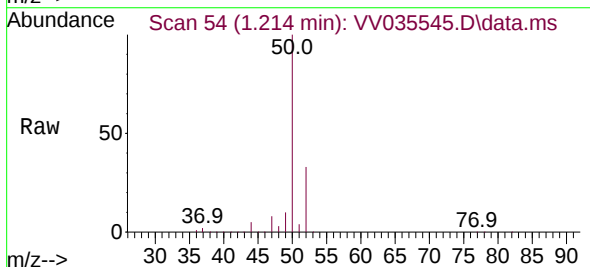
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 MSVOA_V
 ClientSampleId :

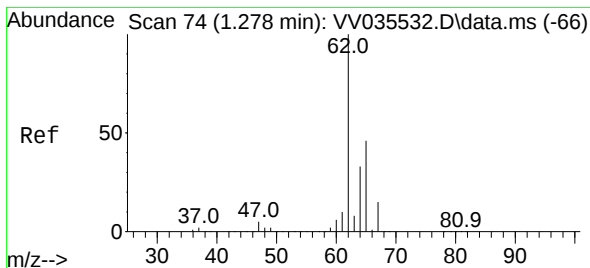
Tgt Ion: 85 Resp: 192473
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 22.866 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.003 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

Tgt Ion: 50 Resp: 198190
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1





#5

Vinyl chloride

Concen: 23.255 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

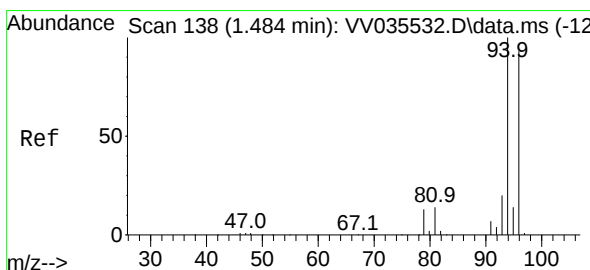
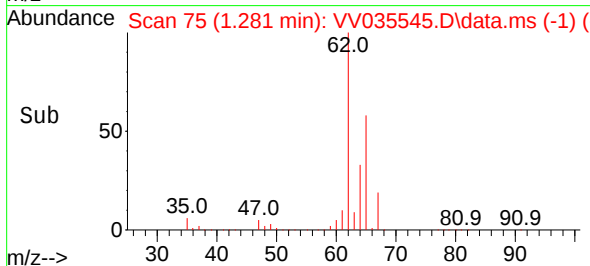
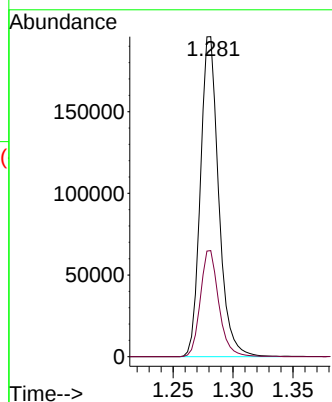
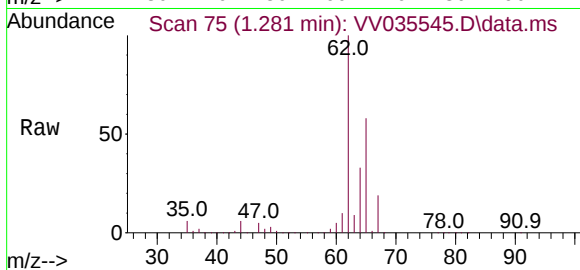
ClientSampleId :

Tgt Ion: 62 Resp: 208238

Ion Ratio Lower Upper

62 100

64 33.1 23.0 42.6



#6

Bromomethane

Concen: 24.484 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV035545.D

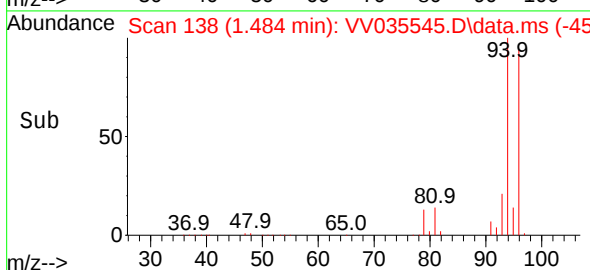
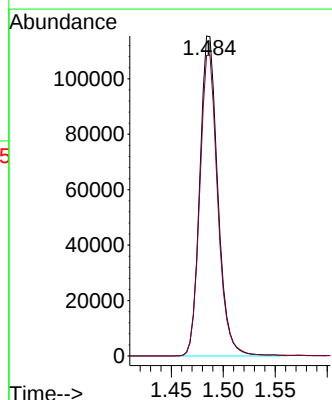
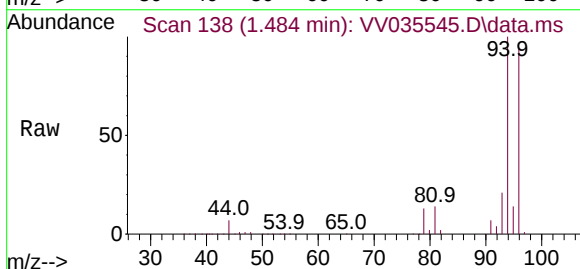
Acq: 07 May 2024 10:33

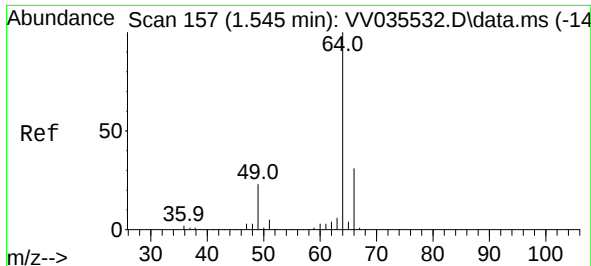
Tgt Ion: 94 Resp: 138820

Ion Ratio Lower Upper

94 100

96 93.9 65.2 121.0

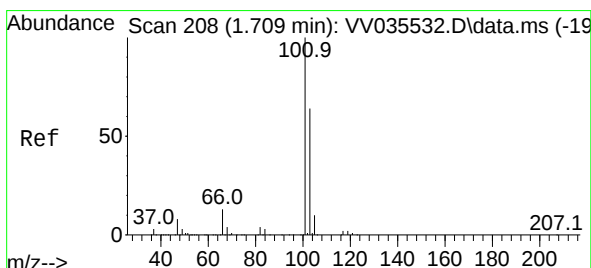
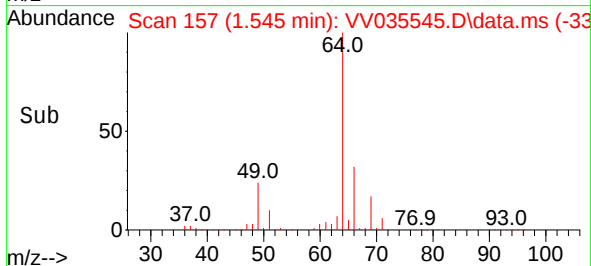
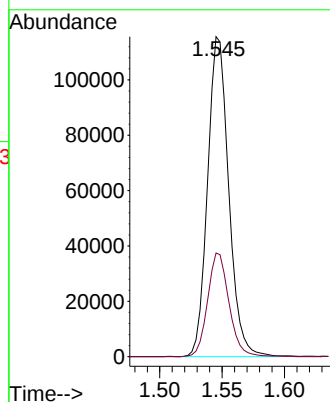
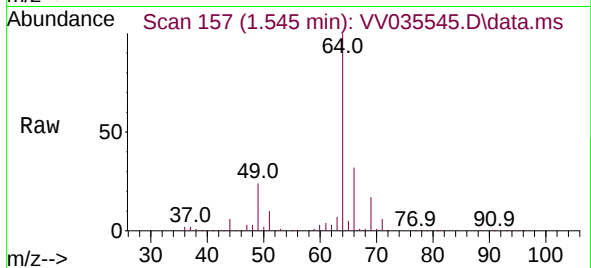




#8
Chloroethane
Concen: 24.744 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

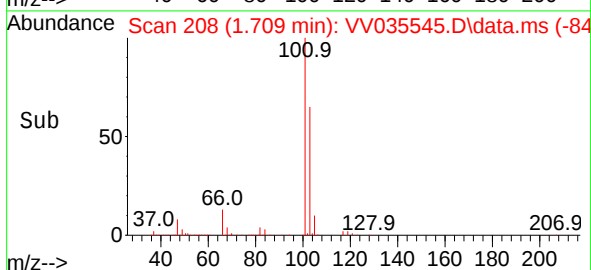
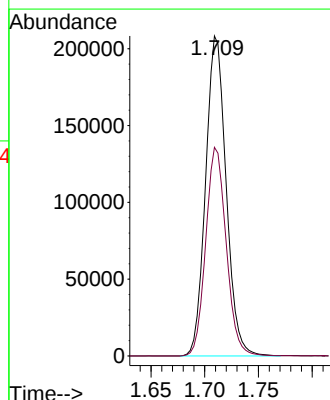
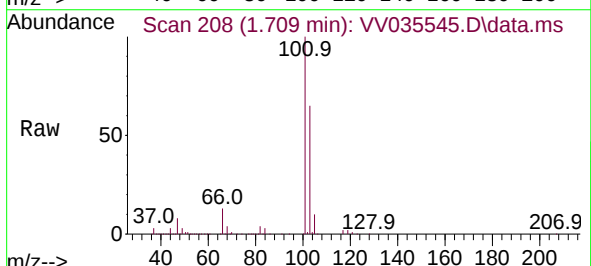
Instrument :
MSVOA_V
ClientSampleId :

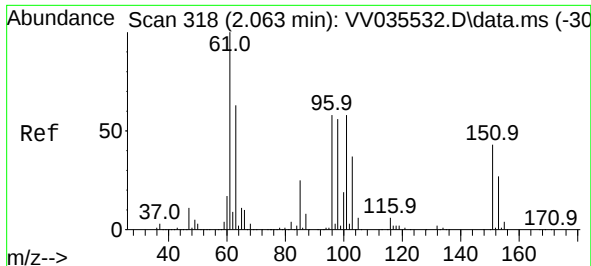
Tgt Ion: 64 Resp: 136582
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.740 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion:101 Resp: 277474
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

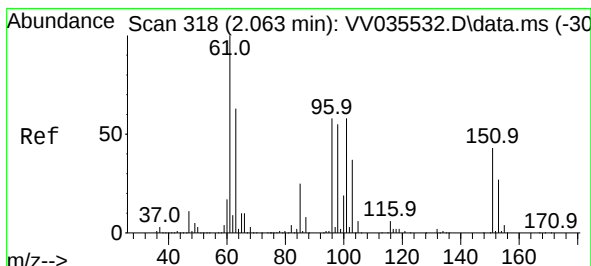
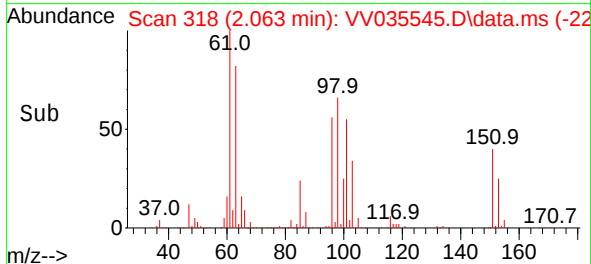
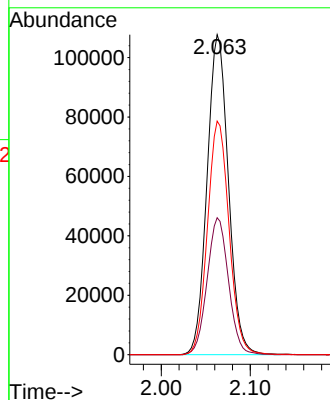
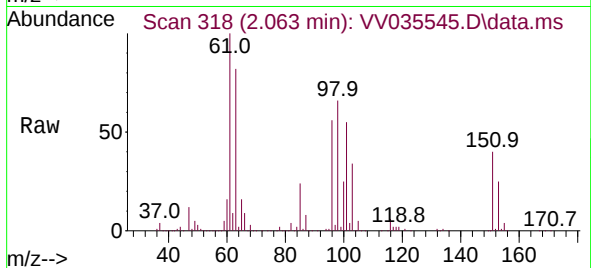




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.300 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

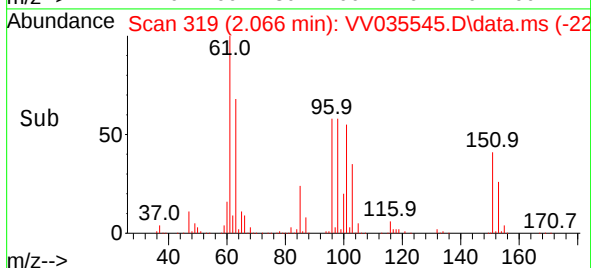
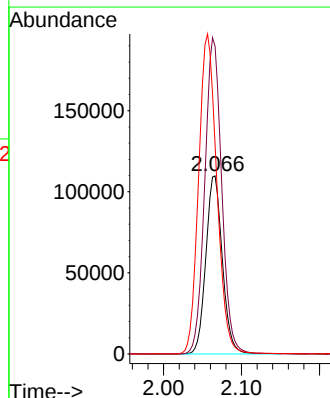
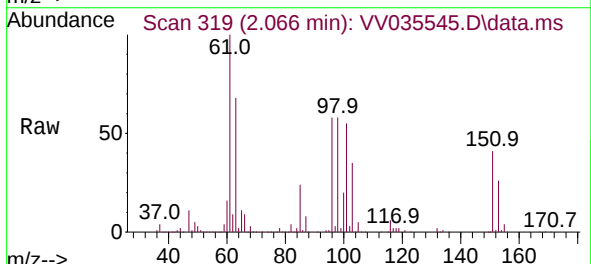
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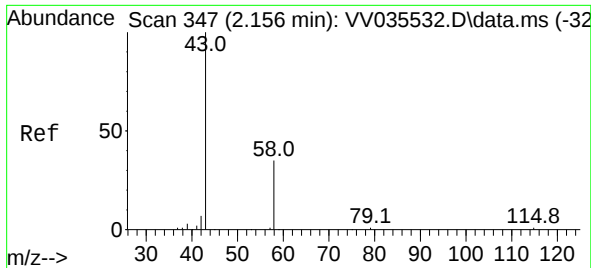
Tgt Ion:101 Resp: 179197
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.2 51.4
 151 73.8 59.5 89.3



#12
 1,1-Dichloroethene
 Concen: 24.265 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

Tgt Ion: 96 Resp: 161624
 Ion Ratio Lower Upper
 96 100
 61 172.8 119.8 222.4
 63 117.6 75.6 140.4

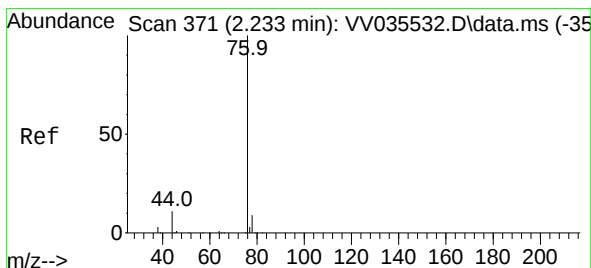
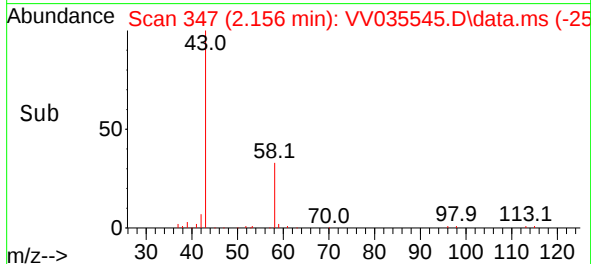
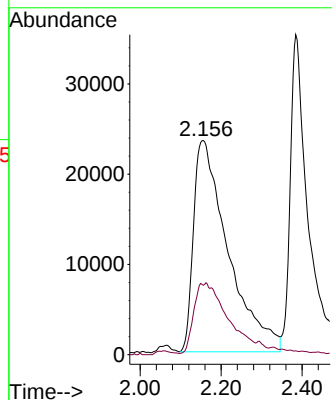
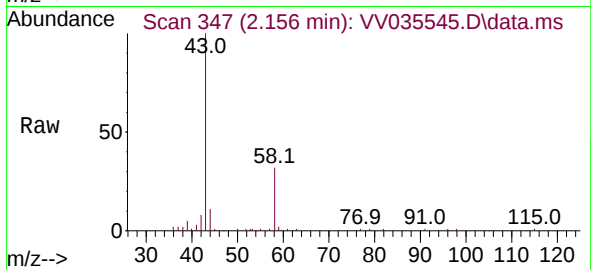




#13
Acetone
Concen: 50.988 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

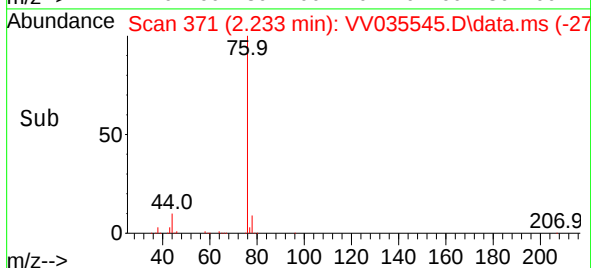
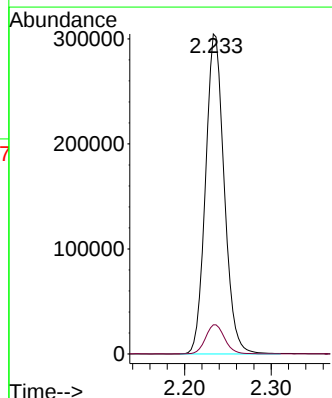
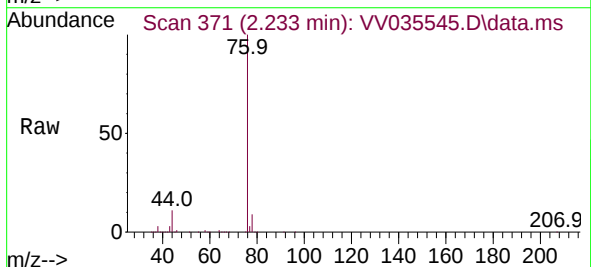
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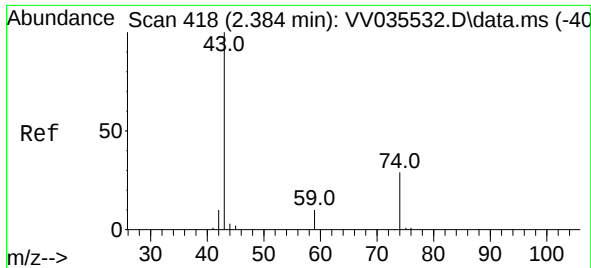
Tgt Ion: 43 Resp: 139015
Ion Ratio Lower Upper
43 100
58 9.6 0.0 22.8



#14
Carbon disulfide
Concen: 21.646 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion: 76 Resp: 456685
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 23.856 ug/L

RT: 2.384 min Scan# 418

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

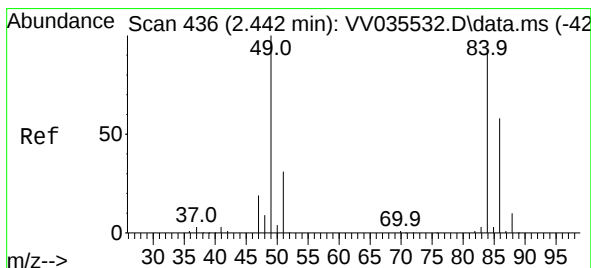
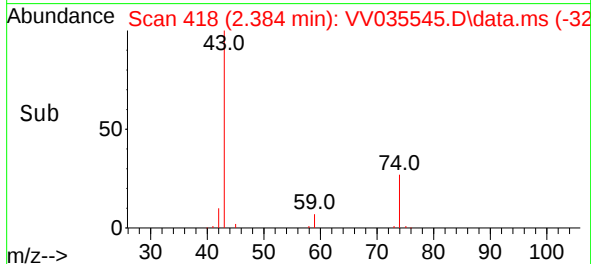
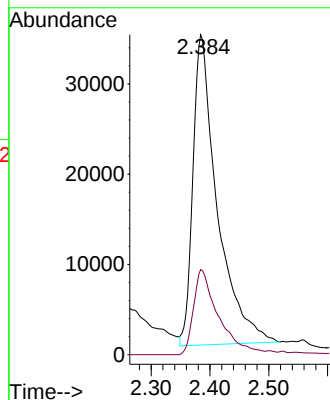
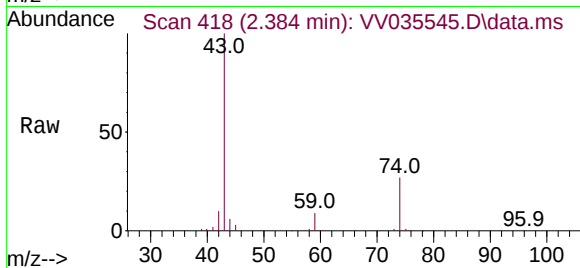
ClientSampleId :

Tgt Ion: 43 Resp: 98543

Ion Ratio Lower Upper

43 100

74 28.2 18.6 27.8#



#16

Methylene chloride

Concen: 22.330 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

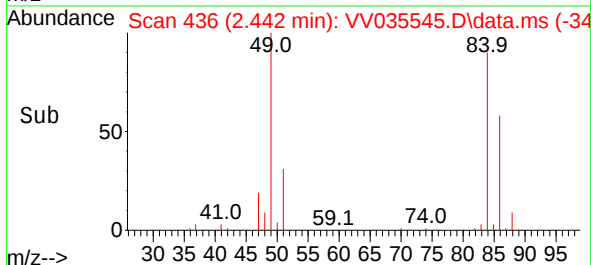
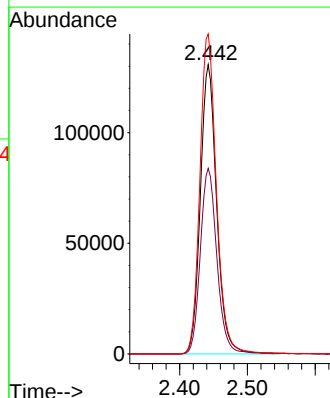
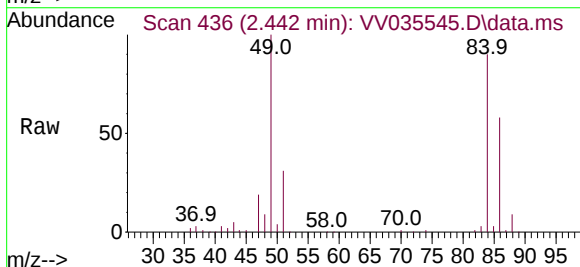
Tgt Ion: 84 Resp: 218647

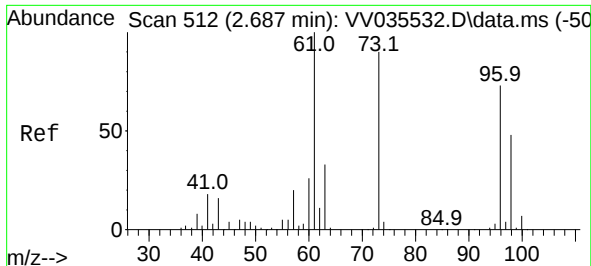
Ion Ratio Lower Upper

84 100

86 64.2 43.8 81.3

49 110.6 75.3 139.9

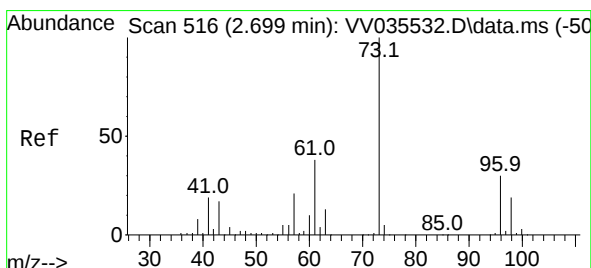
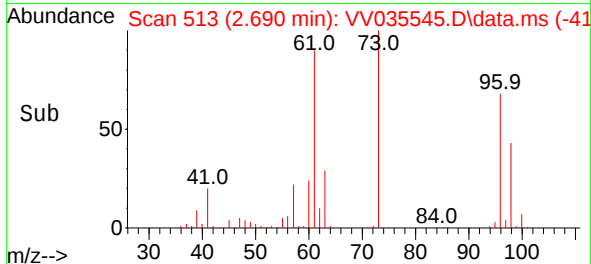
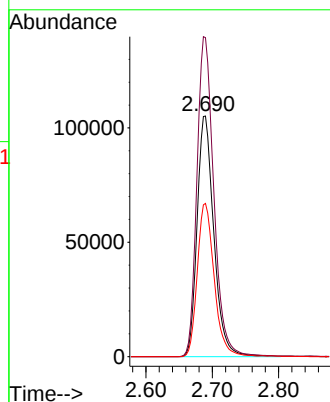
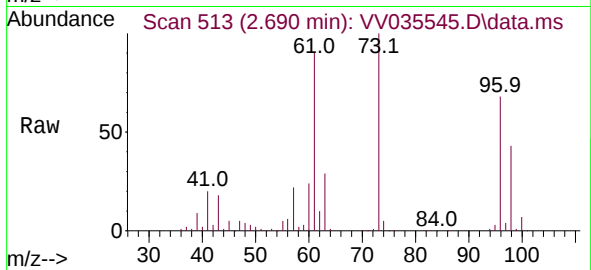




#17
trans-1,2-Dichloroethene
Concen: 25.000 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

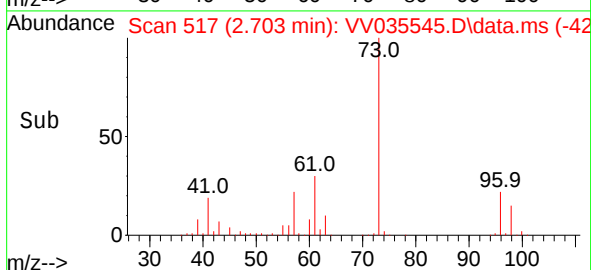
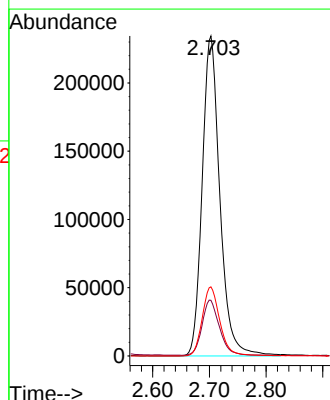
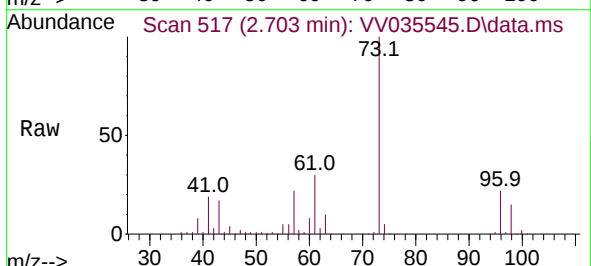
Instrument :
MSVOA_V
ClientSampleId :

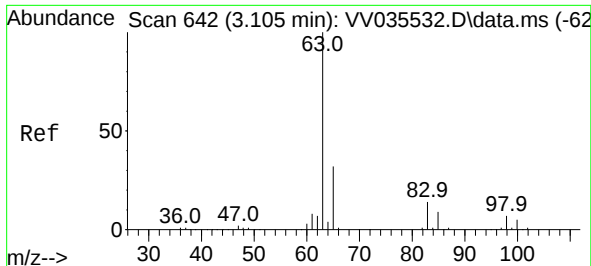
Tgt Ion: 96 Resp: 184863
Ion Ratio Lower Upper
96 100
61 132.6 95.5 177.4
98 63.7 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 28.507 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion: 73 Resp: 508485
Ion Ratio Lower Upper
73 100
43 16.8 13.3 19.9
57 21.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 26.704 ug/L

RT: 3.104 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

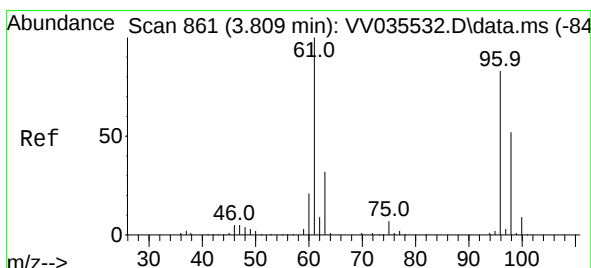
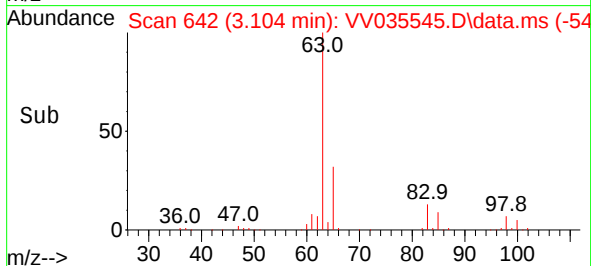
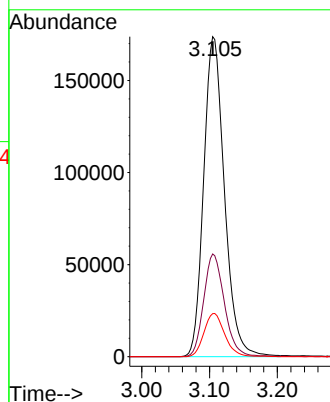
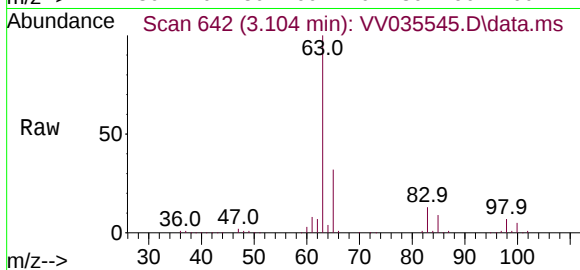
Tgt Ion: 63 Resp: 370197

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.3

83 13.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 26.849 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

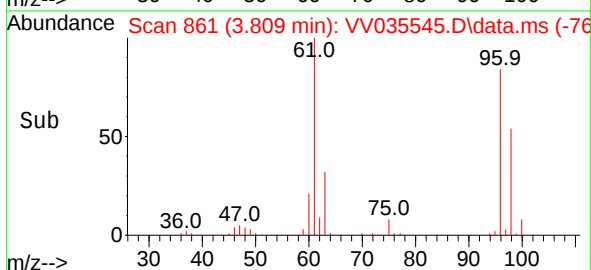
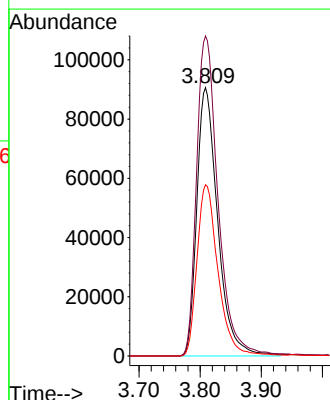
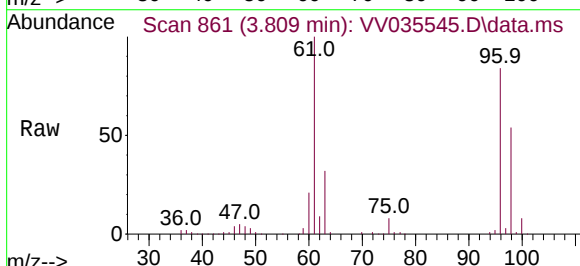
Tgt Ion: 96 Resp: 215224

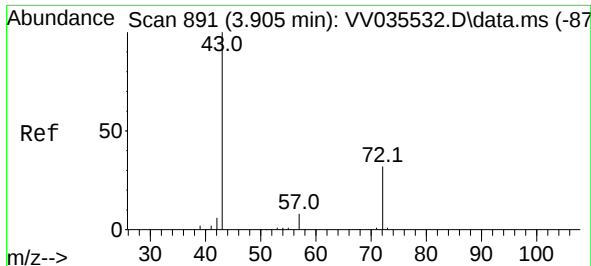
Ion Ratio Lower Upper

96 100

61 119.3 83.9 155.9

98 63.8 44.0 81.8





#22

2-Butanone

Concen: 43.222 ug/L

RT: 3.908 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

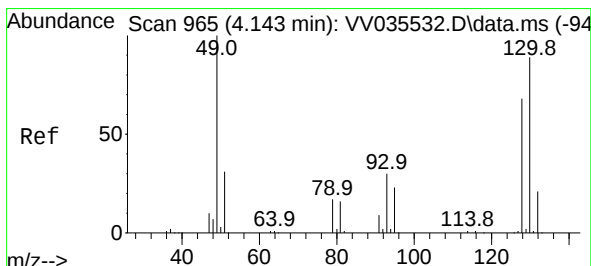
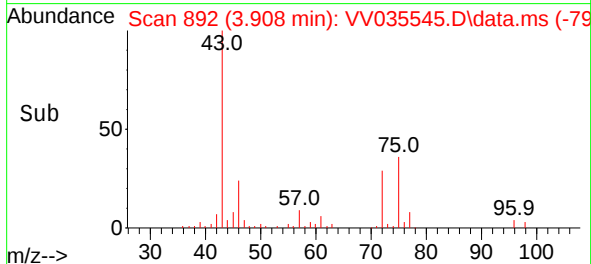
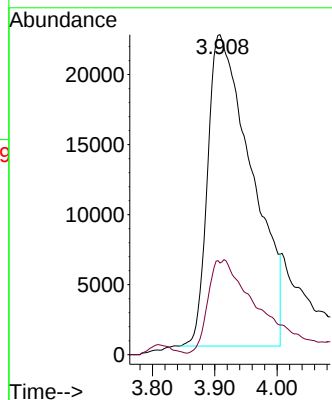
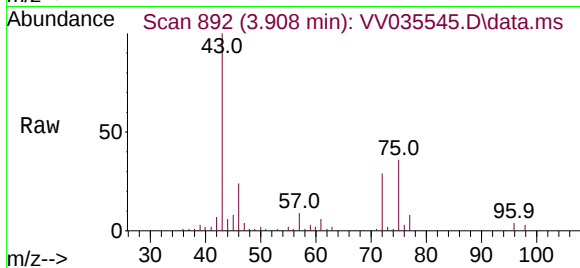
ClientSampleId :

Tgt Ion: 43 Resp: 109434

Ion Ratio Lower Upper

43 100

72 8.7 12.3 36.9#



#23

Bromochloromethane

Concen: 27.161 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Tgt Ion:128 Resp: 105308

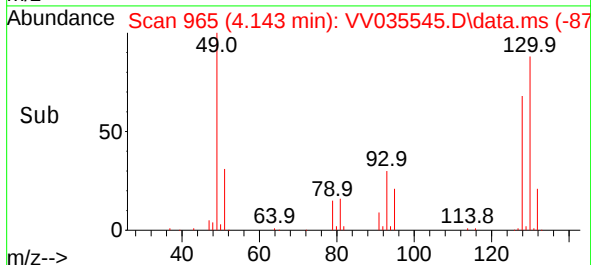
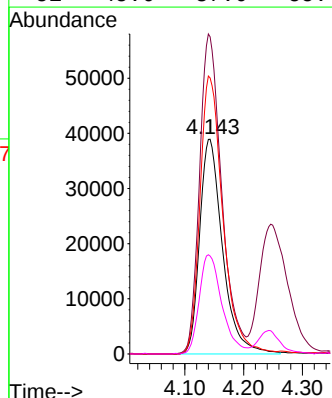
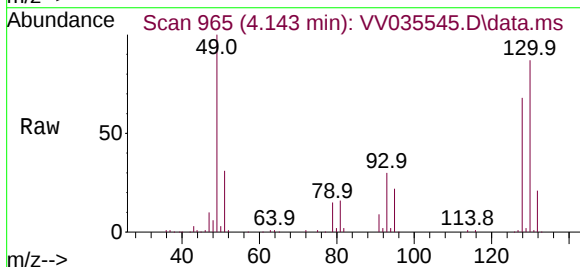
Ion Ratio Lower Upper

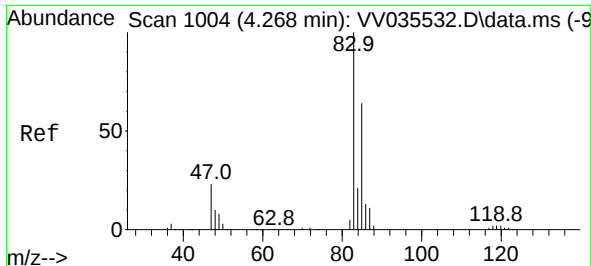
128 100

49 147.7 103.1 191.5

130 128.6 91.8 170.4

51 45.6 37.0 55.4





#25

Chloroform

Concen: 27.042 ug/L

RT: 4.268 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

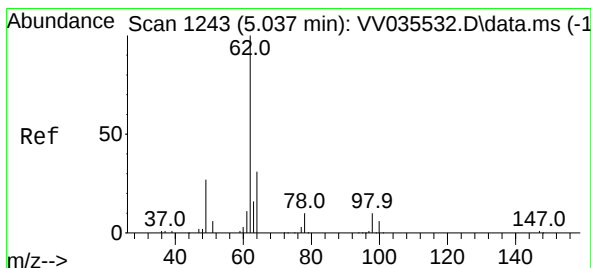
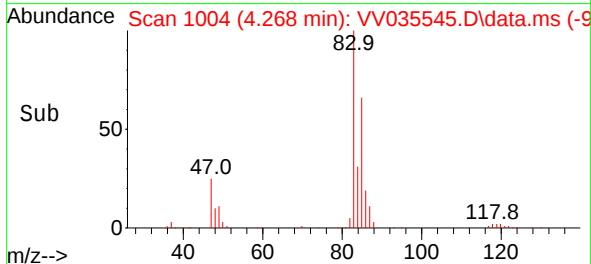
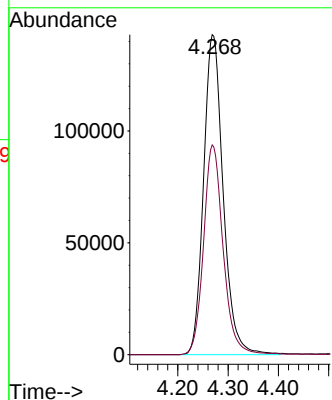
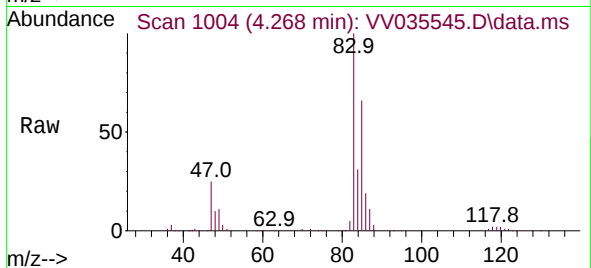
ClientSampleId :

Tgt Ion: 83 Resp: 387100

Ion Ratio Lower Upper

83 100

85 65.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 27.553 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035545.D

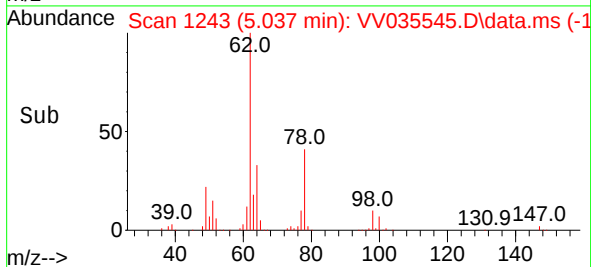
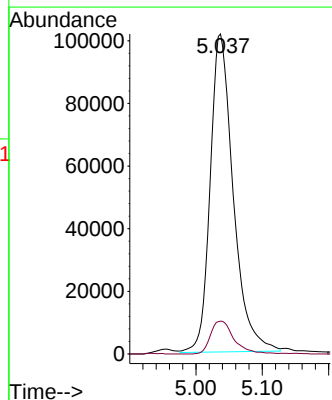
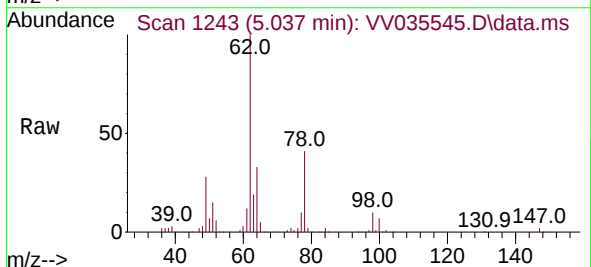
Acq: 07 May 2024 10:33

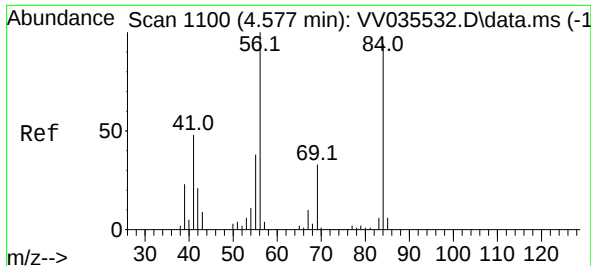
Tgt Ion: 62 Resp: 245605

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

Cyclohexane

Concen: 23.065 ug/L

RT: 4.574 min Scan# 1100

Delta R.T. -0.003 min

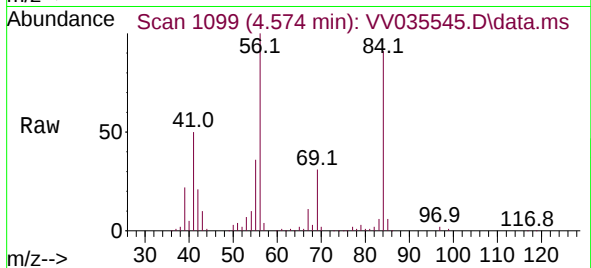
Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :



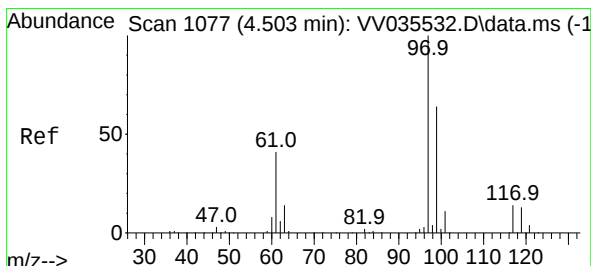
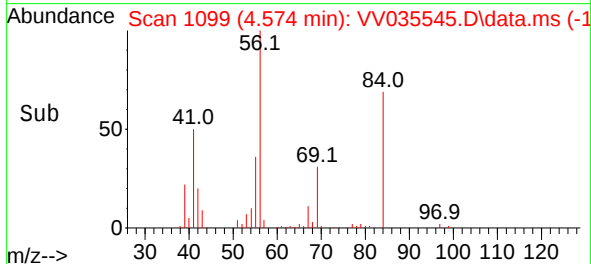
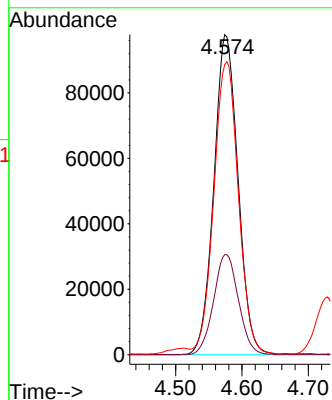
Tgt Ion: 56 Resp: 247126

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 93.2 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 25.003 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

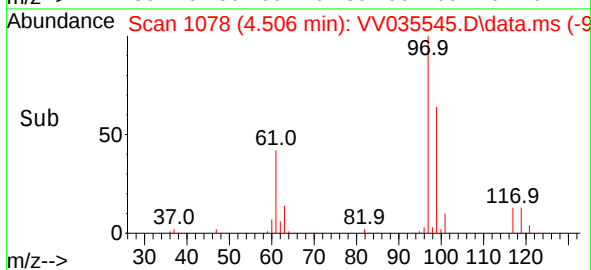
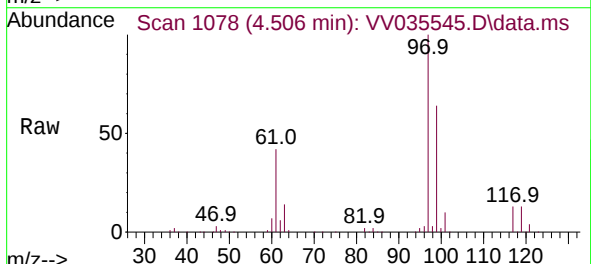
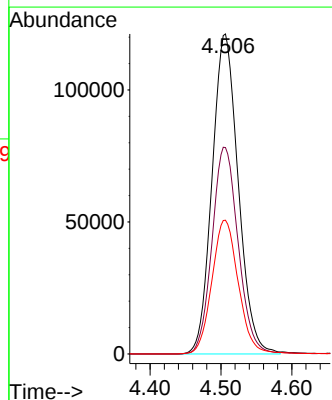
Tgt Ion: 97 Resp: 310617

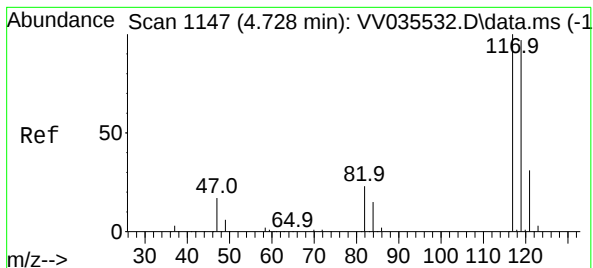
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 42.4 33.5 50.3





#31

Carbon tetrachloride

Concen: 24.596 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

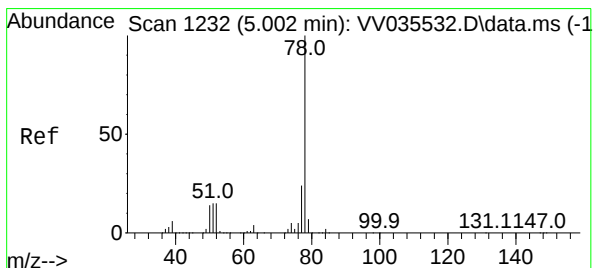
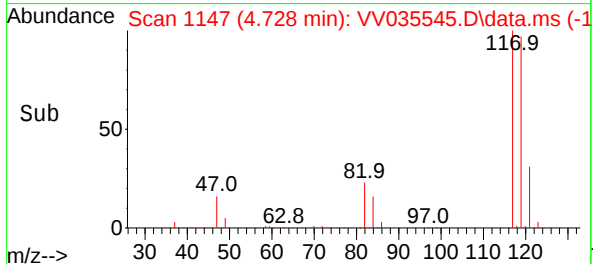
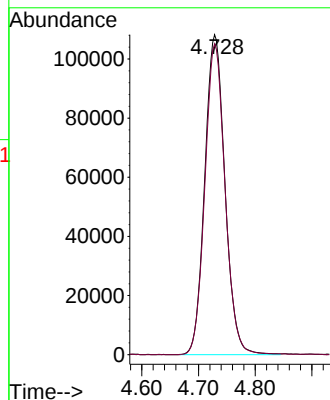
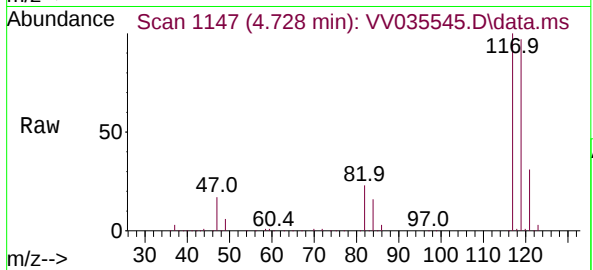
ClientSampleId :

Tgt Ion:117 Resp: 268097

Ion Ratio Lower Upper

117 100

119 96.7 77.3 115.9



#33

Benzene

Concen: 26.292 ug/L

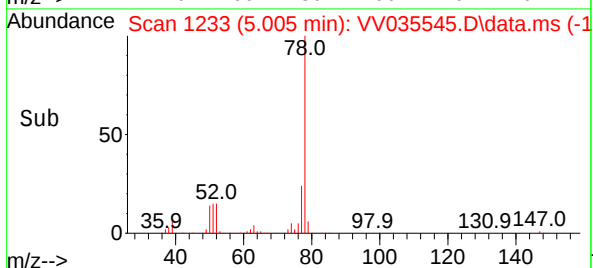
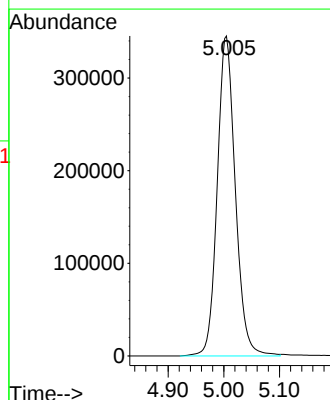
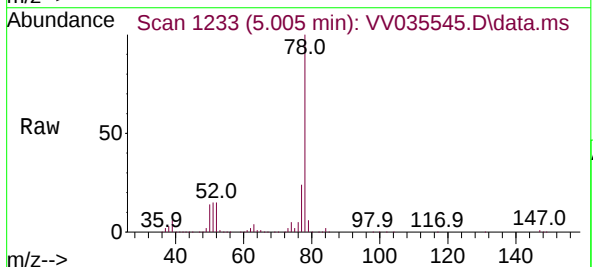
RT: 5.005 min Scan# 1233

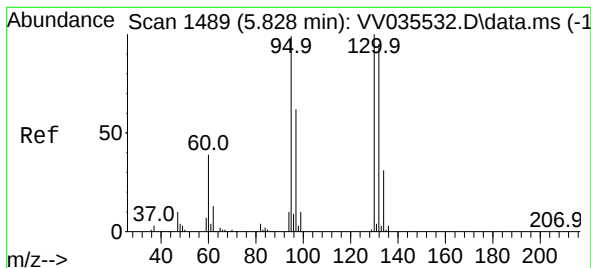
Delta R.T. 0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Tgt Ion: 78 Resp: 779662





#34

Trichloroethene

Concen: 25.515 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 214019

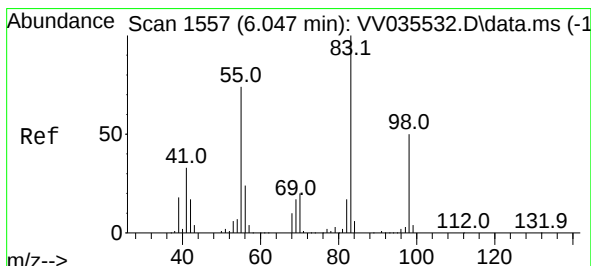
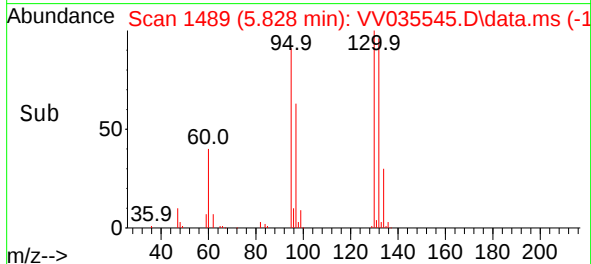
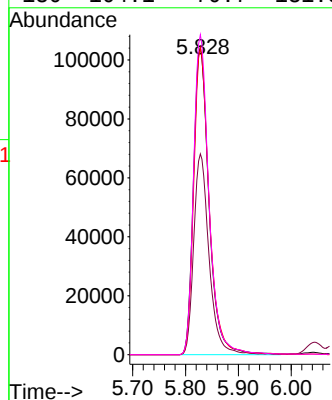
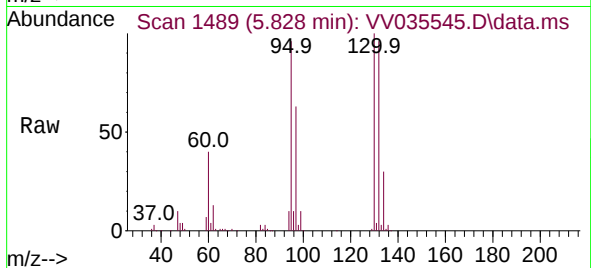
Ion Ratio Lower Upper

95 100

97 65.3 43.8 81.4

132 99.8 67.1 124.7

130 104.1 70.7 131.3



#35

Methylcyclohexane

Concen: 23.122 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

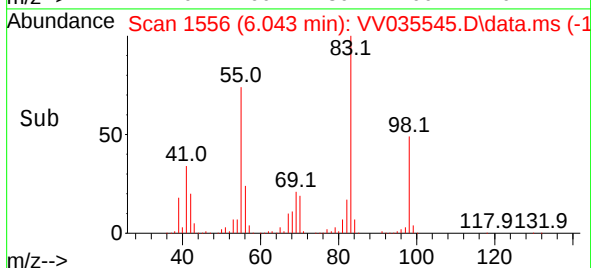
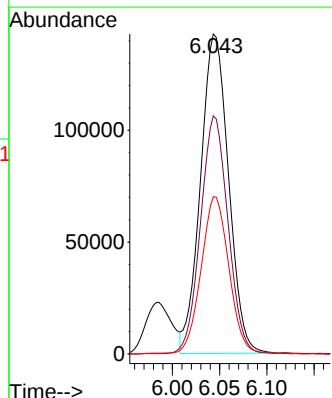
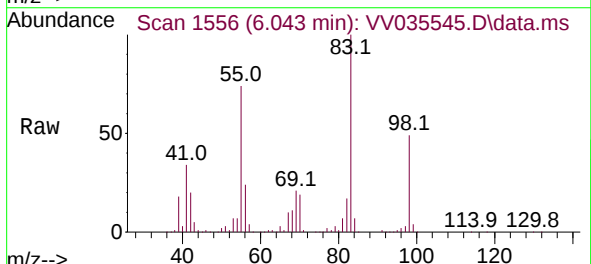
Tgt Ion: 83 Resp: 294454

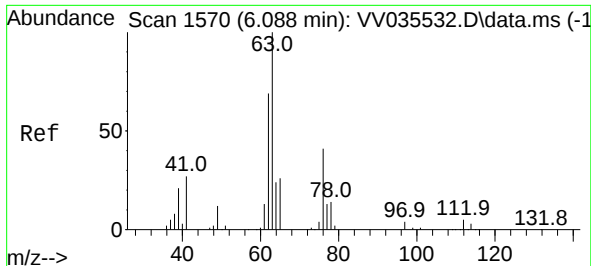
Ion Ratio Lower Upper

83 100

55 73.1 57.5 86.3

98 49.1 38.6 58.0

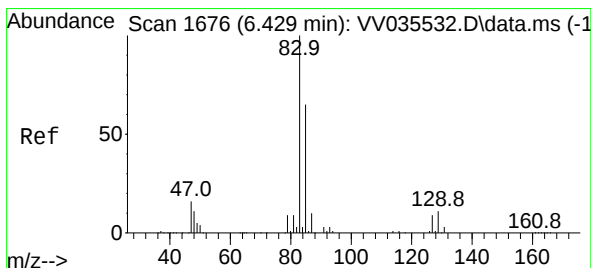
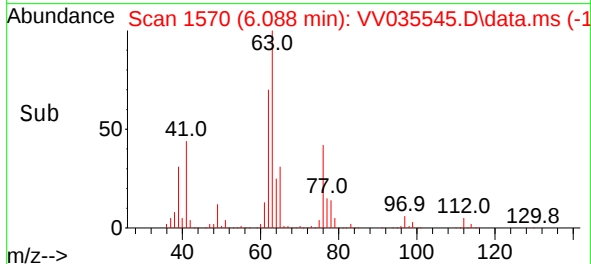
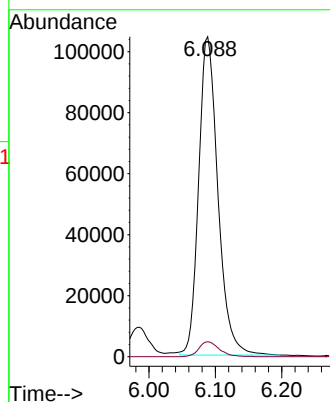
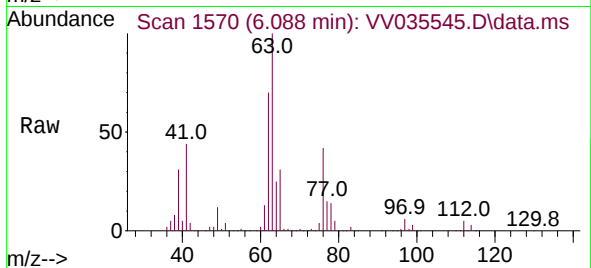




#37
1,2-Dichloropropane
Concen: 27.275 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

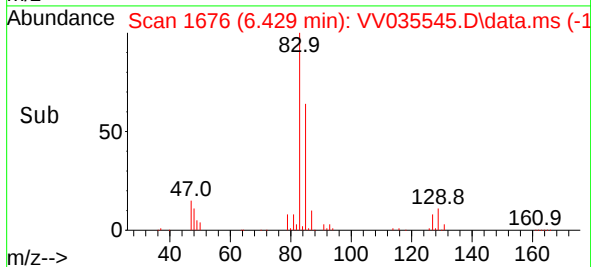
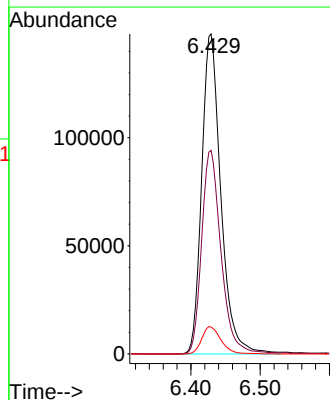
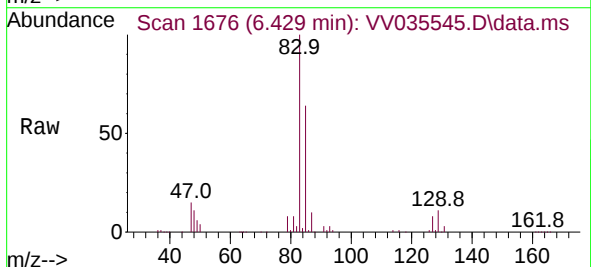
Instrument :
MSVOA_V
ClientSampleId :

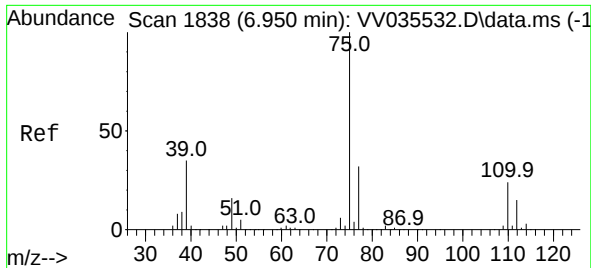
Tgt Ion: 63 Resp: 211016
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 27.117 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion: 83 Resp: 284201
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9
127 8.4 7.0 10.6

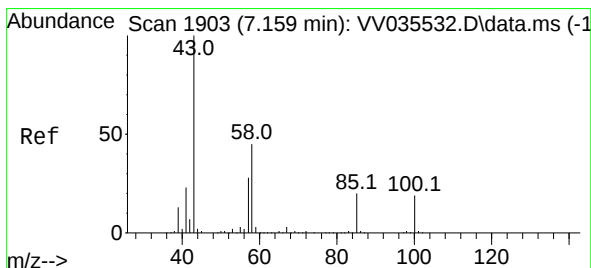
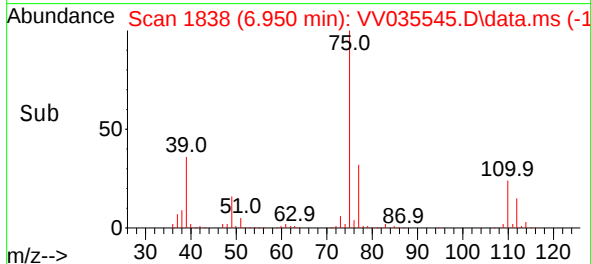
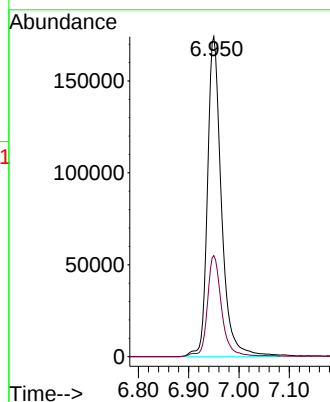
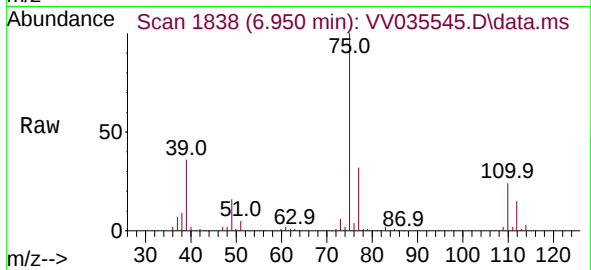




#39
 cis-1,3-Dichloropropene
 Concen: 27.860 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

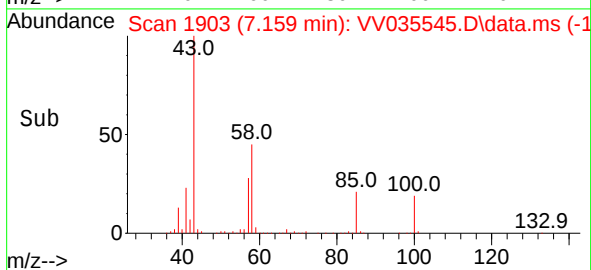
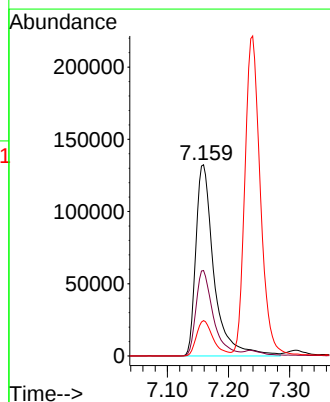
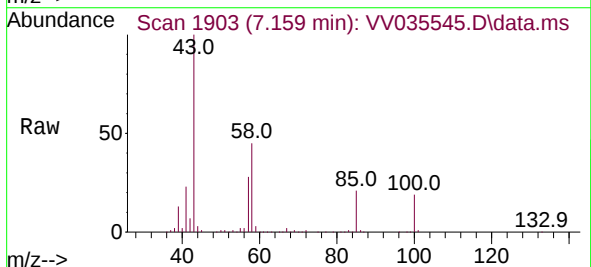
Instrument :
 MSVOA_V
 ClientSampleId :

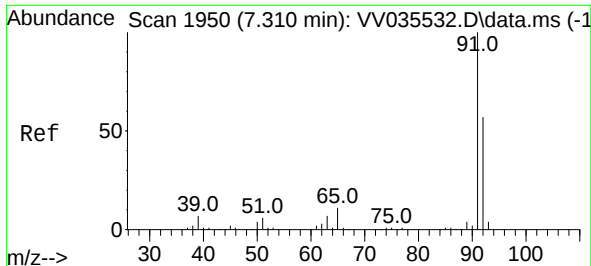
Tgt Ion: 75 Resp: 337129
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 59.049 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV035545.D
 Acq: 07 May 2024 10:33

Tgt Ion: 43 Resp: 273602
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.8 52.2
 100 17.2 13.9 20.9





#42

Toluene

Concen: 26.894 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

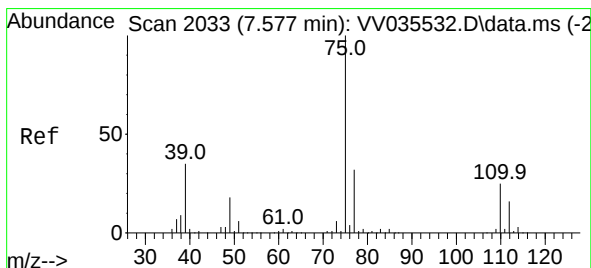
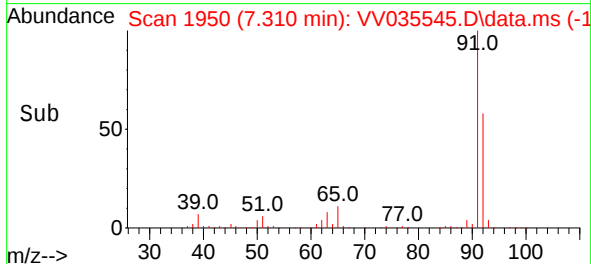
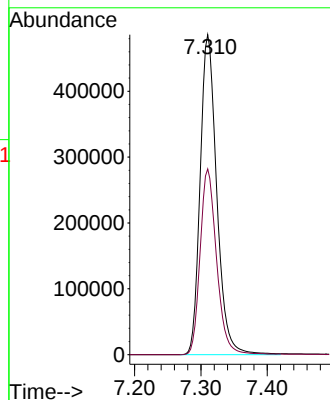
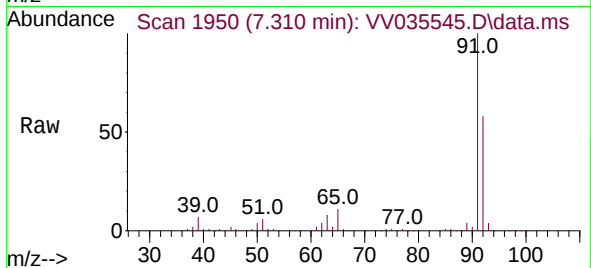
ClientSampleId :

Tgt Ion: 91 Resp: 843984

Ion Ratio Lower Upper

91 100

92 58.0 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 28.284 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035545.D

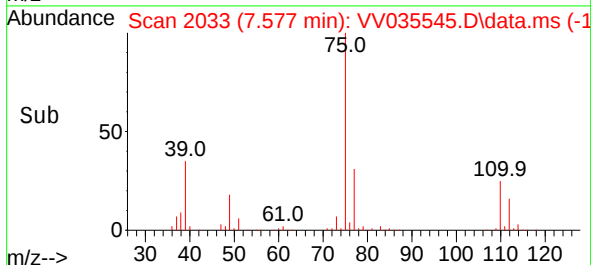
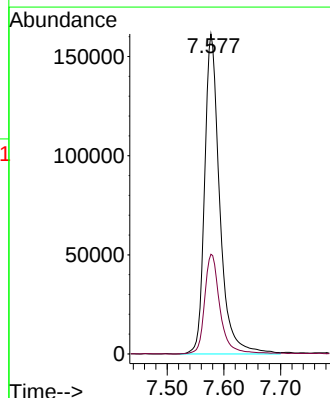
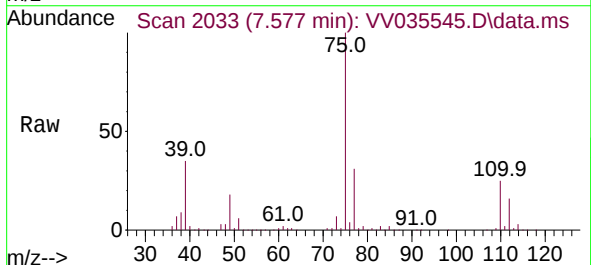
Acq: 07 May 2024 10:33

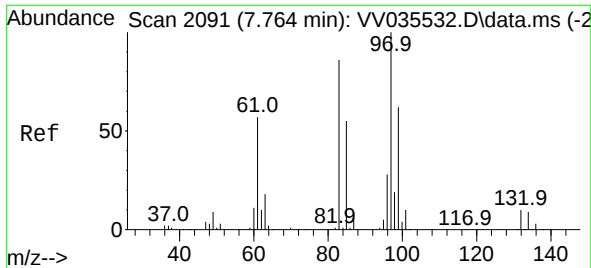
Tgt Ion: 75 Resp: 299403

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6

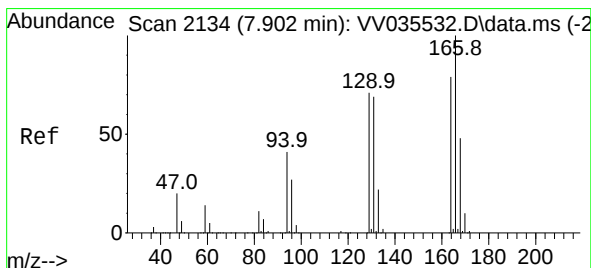
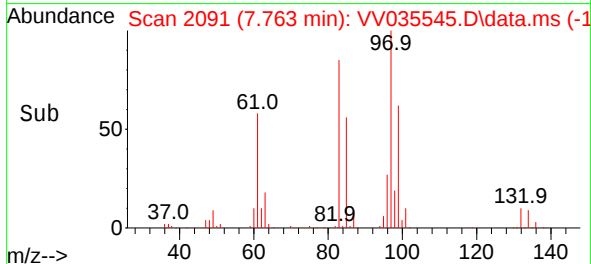
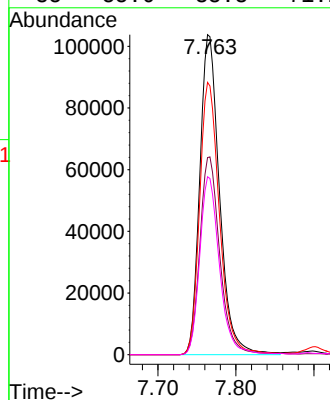
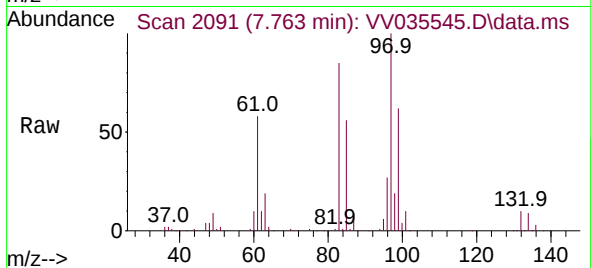




#45
1,1,2-Trichloroethane
Concen: 27.770 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

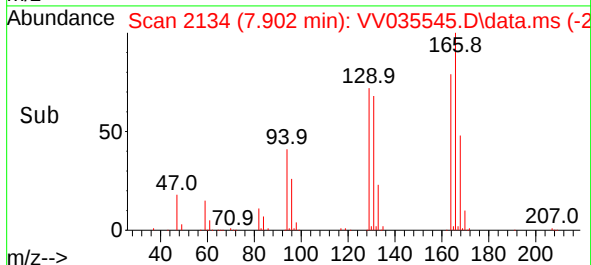
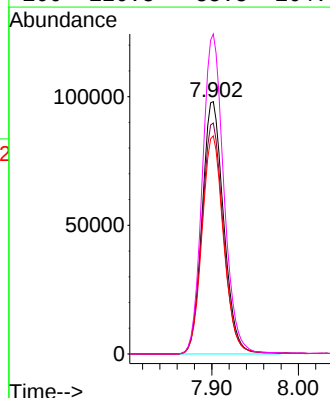
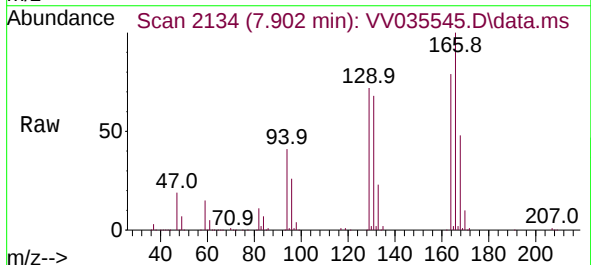
Instrument :
MSVOA_V
ClientSampleId :

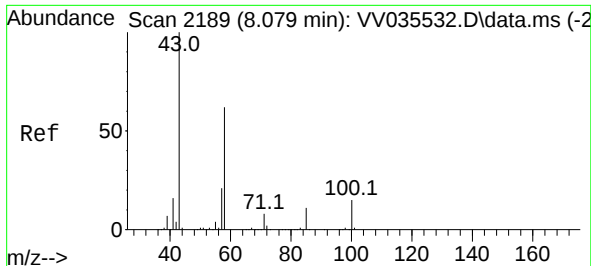
Tgt Ion:	97	Resp:	182547
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.3
83	85.1	60.3	111.9
85	55.6	38.3	71.1



#46
Tetrachloroethene
Concen: 24.861 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion:	164	Resp:	169420
Ion	Ratio	Lower	Upper
164	100		
129	91.5	63.4	117.8
131	86.4	61.0	113.4
166	126.8	88.8	164.8





#48

2-Hexanone

Concen: 58.189 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

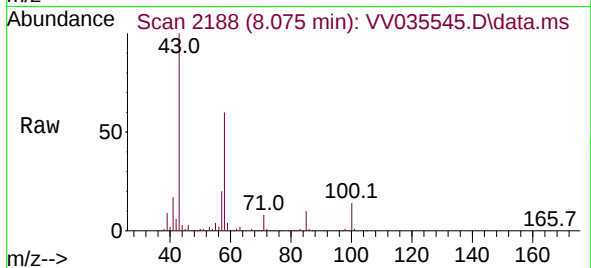
Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 202152

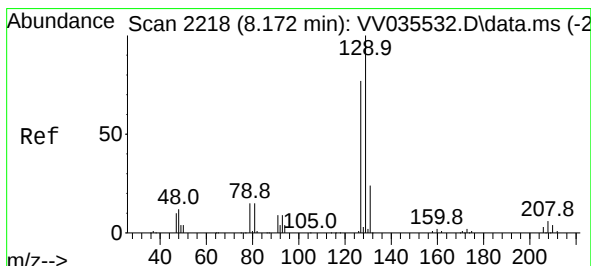
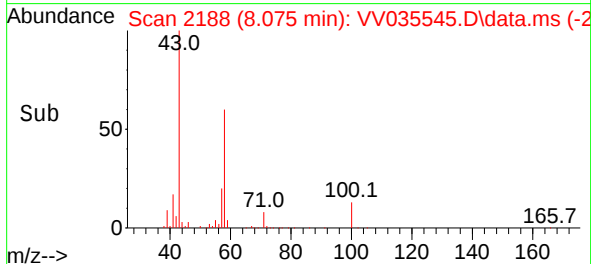
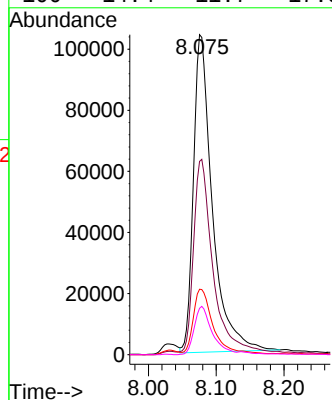
Ion Ratio Lower Upper

43 100

58 61.7 48.8 73.2

57 19.7 16.9 25.3

100 14.4 11.7 17.5



#49

Dibromochloromethane

Concen: 27.537 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV035545.D

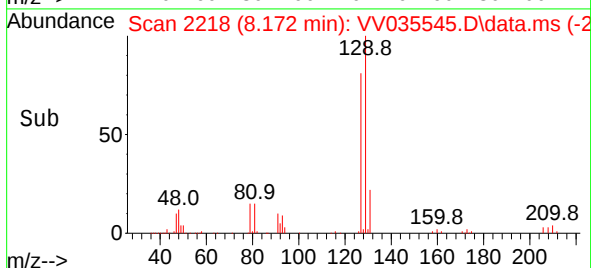
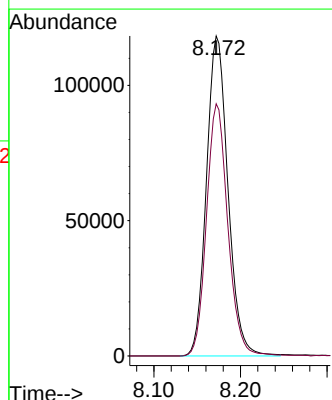
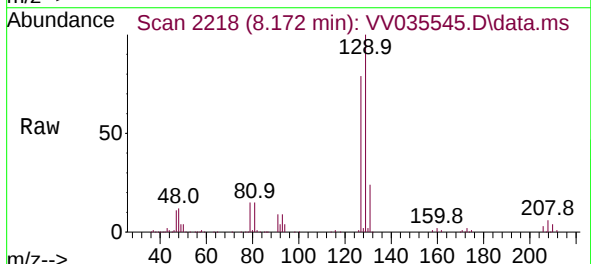
Acq: 07 May 2024 10:33

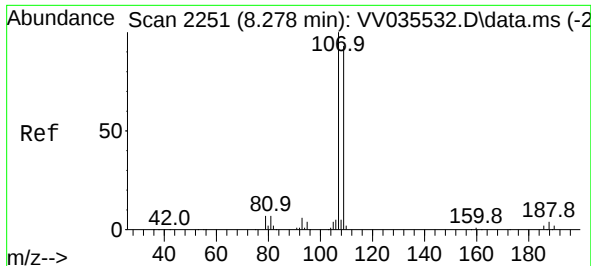
Tgt Ion: 129 Resp: 204256

Ion Ratio Lower Upper

129 100

127 78.8 53.8 99.8





#50

1,2-Dibromoethane

Concen: 27.418 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

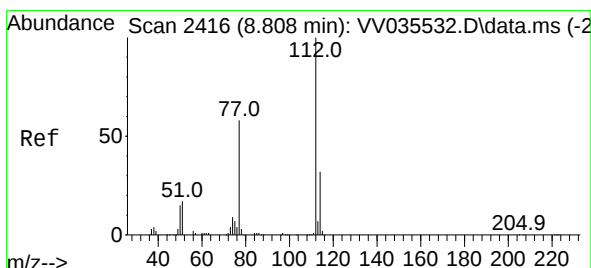
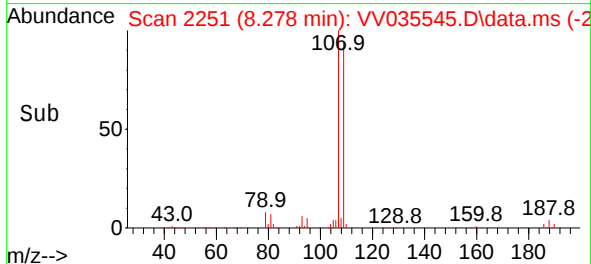
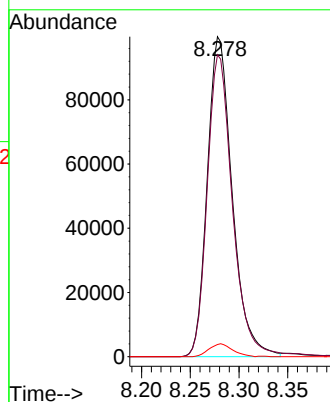
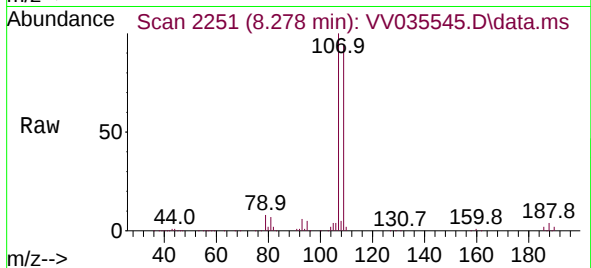
Tgt Ion:107 Resp: 177560

Ion Ratio Lower Upper

107 100

109 94.4 65.4 121.4

188 3.8 2.9 4.3



#51

Chlorobenzene

Concen: 26.534 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

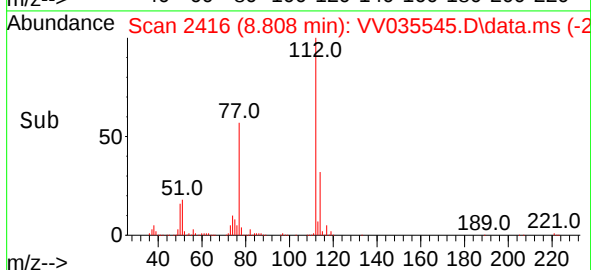
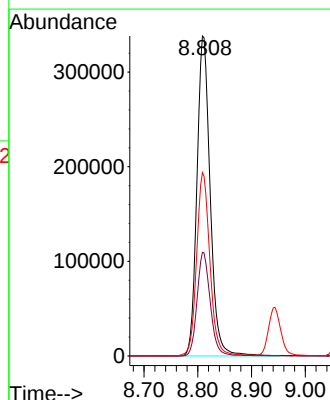
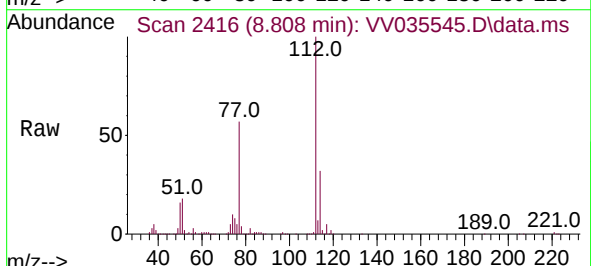
Tgt Ion:112 Resp: 577783

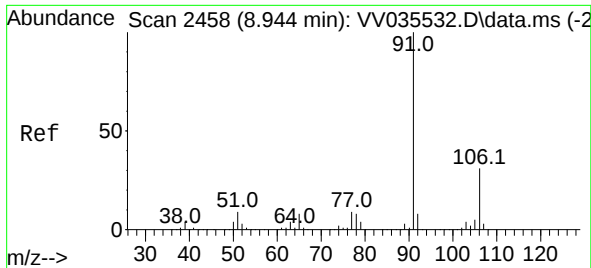
Ion Ratio Lower Upper

112 100

114 32.4 22.5 41.7

77 57.3 46.6 69.8

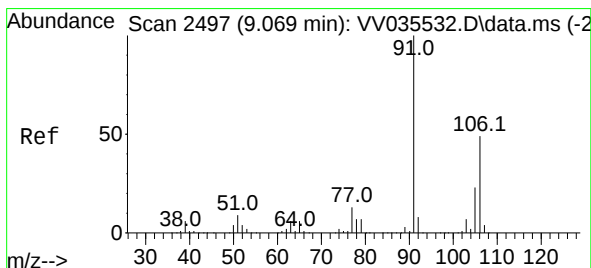
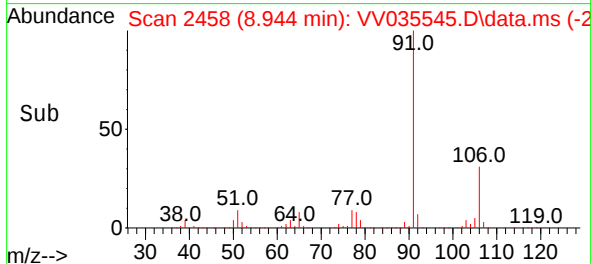
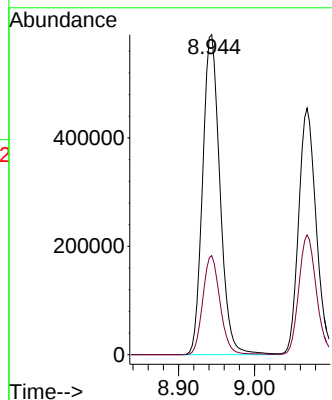
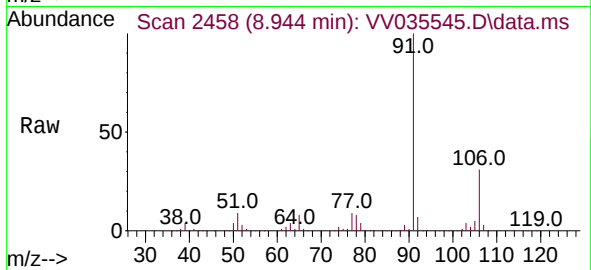




#52
Ethylbenzene
Concen: 26.999 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

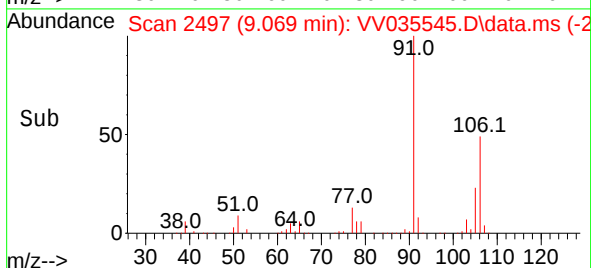
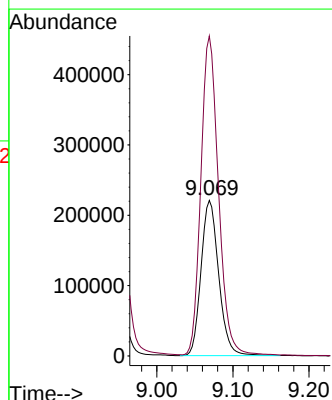
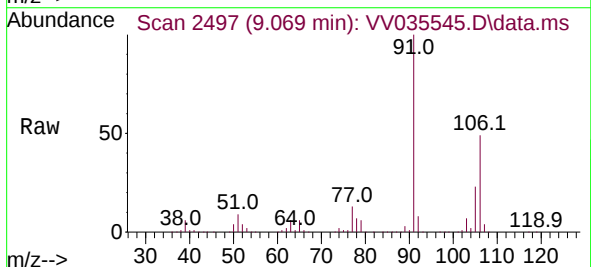
Instrument :
MSVOA_V
ClientSampleId :

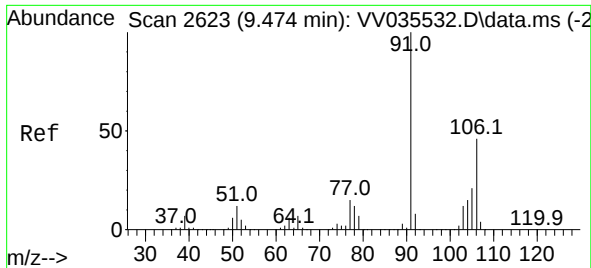
Tgt Ion: 91 Resp: 935465
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 27.116 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

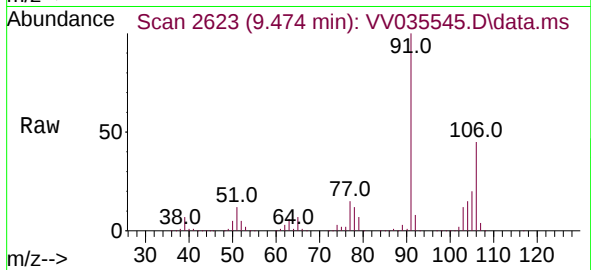
Tgt Ion:106 Resp: 356455
Ion Ratio Lower Upper
106 100
91 205.7 142.7 264.9



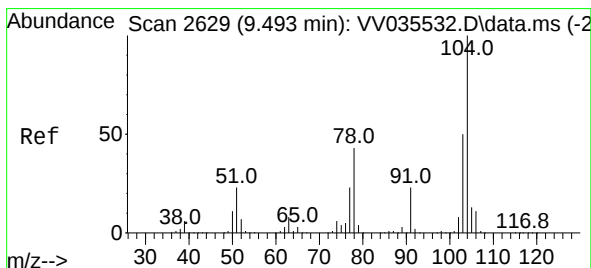
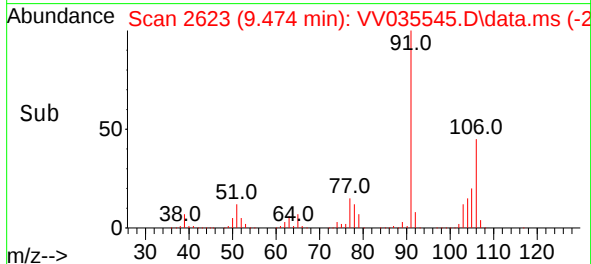
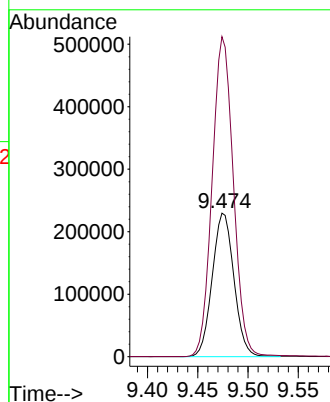


#54
o-Xylene
Concen: 27.681 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Instrument :
MSVOA_V
ClientSampleId :

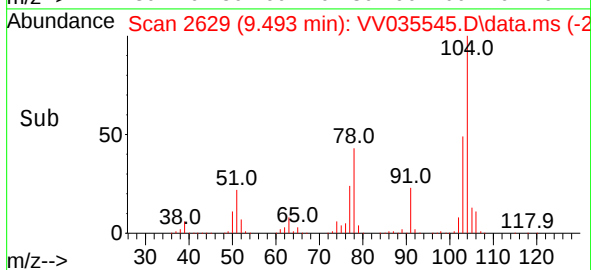
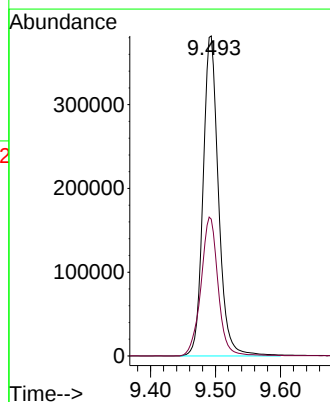
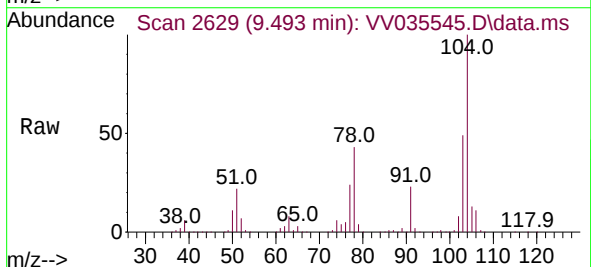


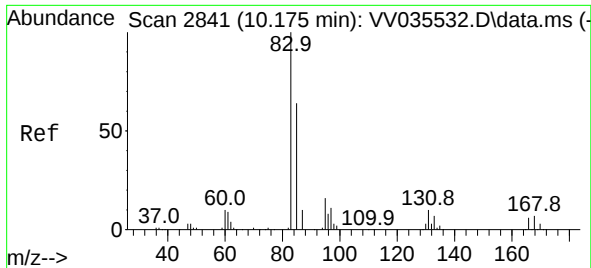
Tgt Ion:106 Resp: 344877
Ion Ratio Lower Upper
106 100
91 223.0 150.9 280.3



#55
Styrene
Concen: 29.110 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion:104 Resp: 632573
Ion Ratio Lower Upper
104 100
78 42.8 30.0 55.6

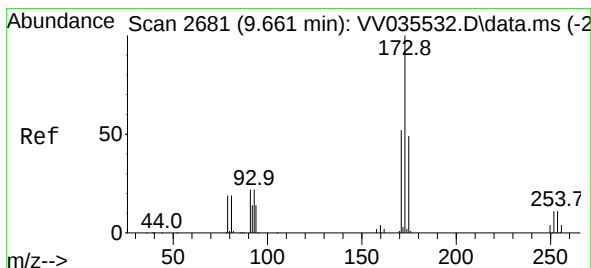
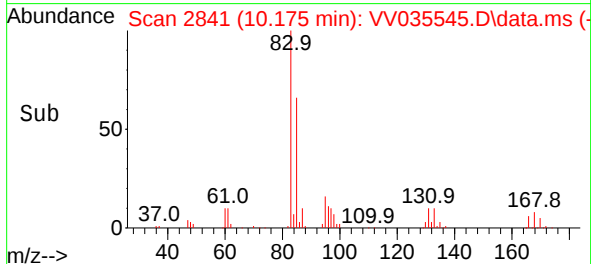
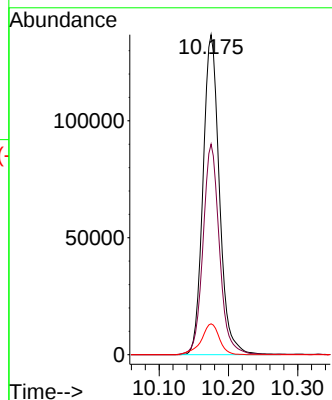
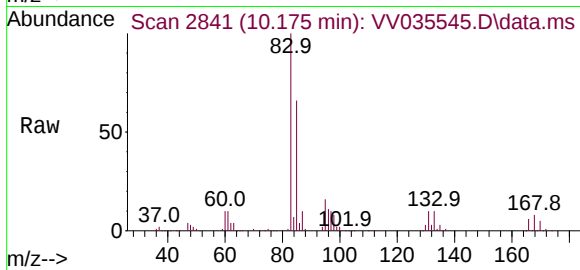




#57
1,1,2,2-Tetrachloroethane
Concen: 28.032 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

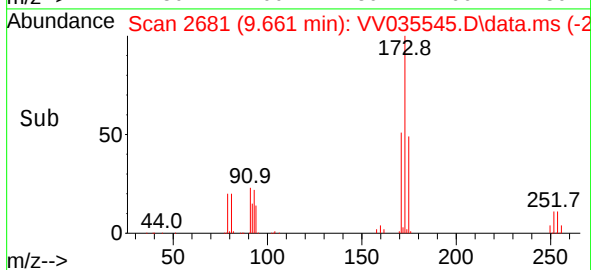
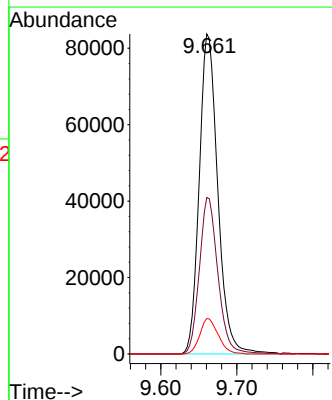
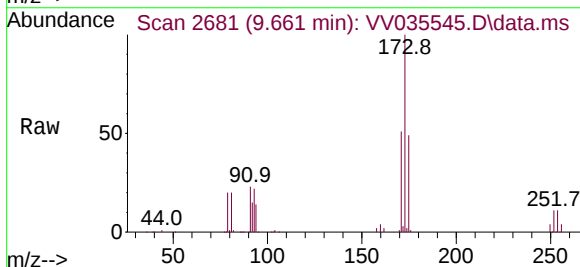
Instrument :
MSVOA_V
ClientSampleId :

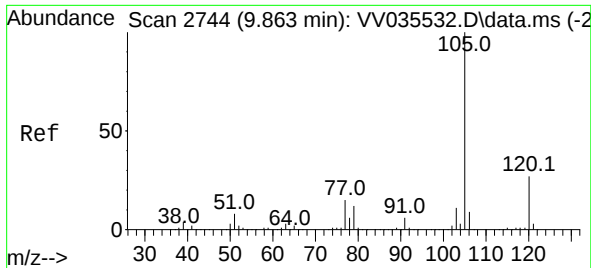
Tgt Ion: 83 Resp: 224472
Ion Ratio Lower Upper
83 100
85 65.8 44.7 83.1
131 9.6 8.0 12.0



#59
Bromoform
Concen: 27.622 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion:173 Resp: 142113
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 11.0 8.3 12.5

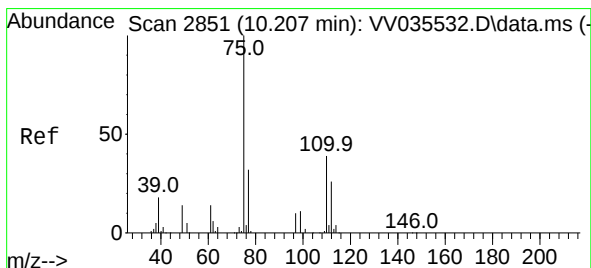
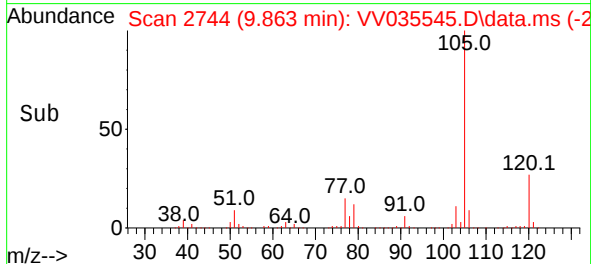
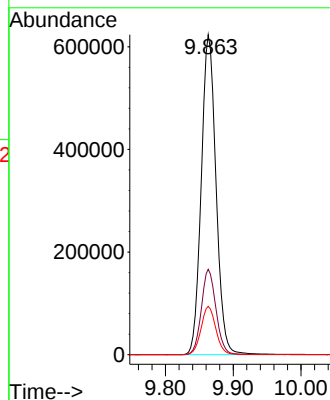
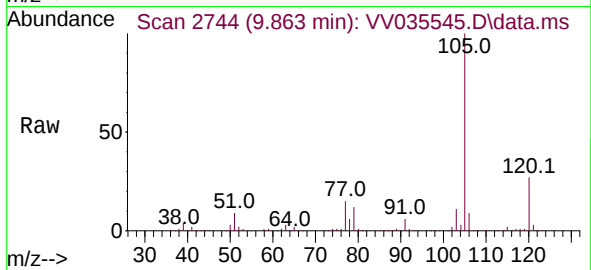




#60
Isopropylbenzene
Concen: 27.090 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

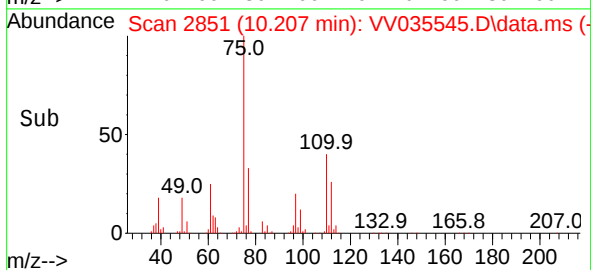
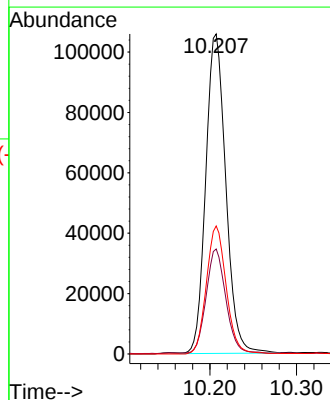
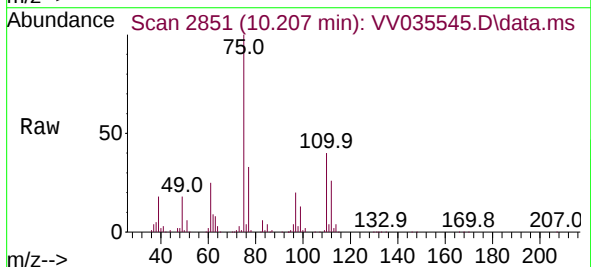
Instrument :
MSVOA_V
ClientSampleId :

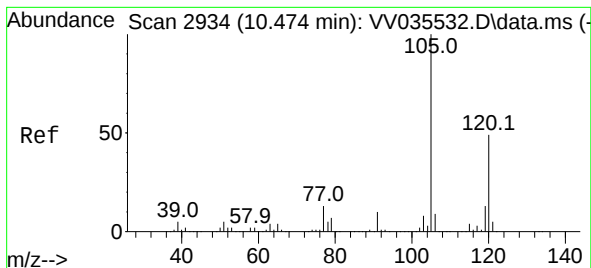
Tgt Ion:105 Resp: 944747
Ion Ratio Lower Upper
105 100
120 26.4 21.3 31.9
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 27.781 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035545.D
Acq: 07 May 2024 10:33

Tgt Ion: 75 Resp: 170432
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
110 39.5 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 28.697 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

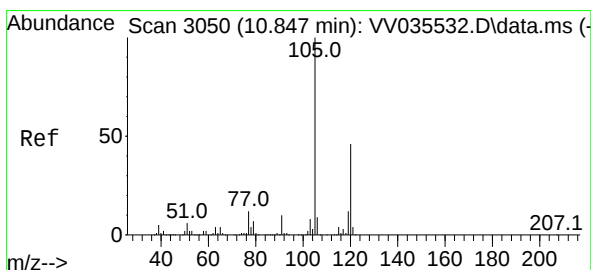
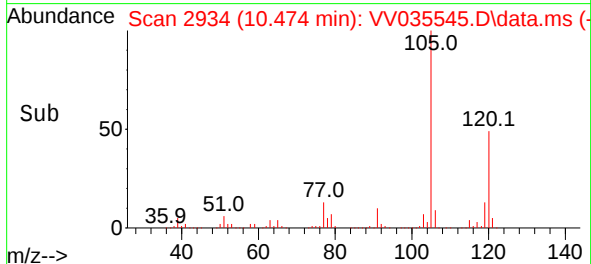
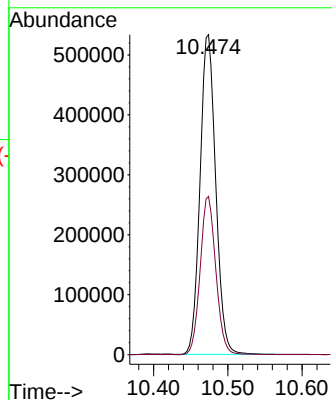
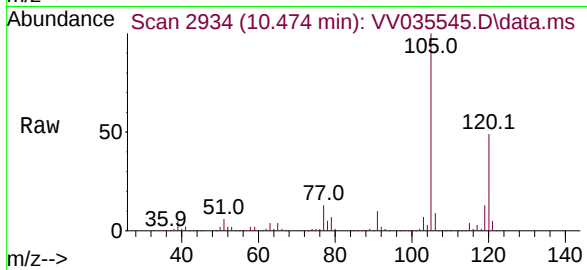
ClientSampleId :

Tgt Ion:105 Resp: 785080

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 28.347 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV035545.D

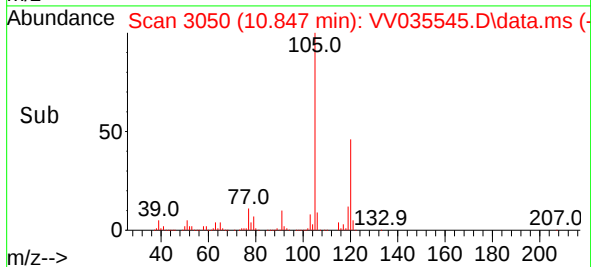
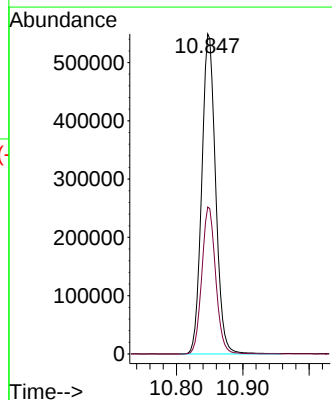
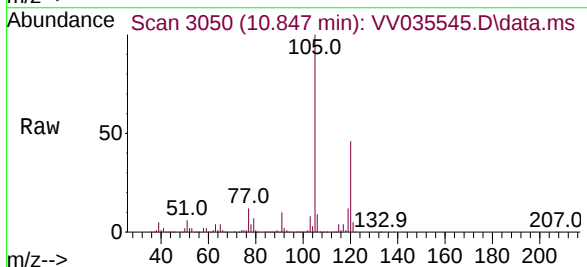
Acq: 07 May 2024 10:33

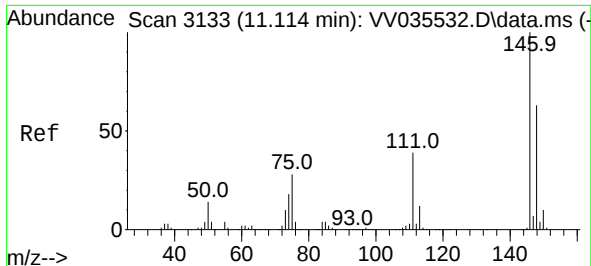
Tgt Ion:105 Resp: 796919

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 26.834 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

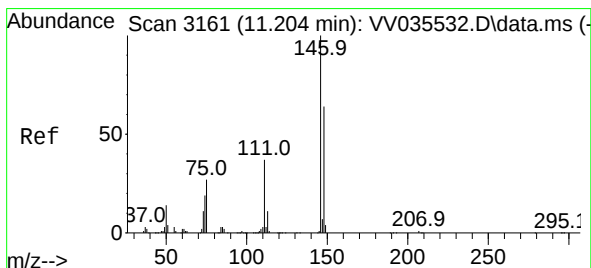
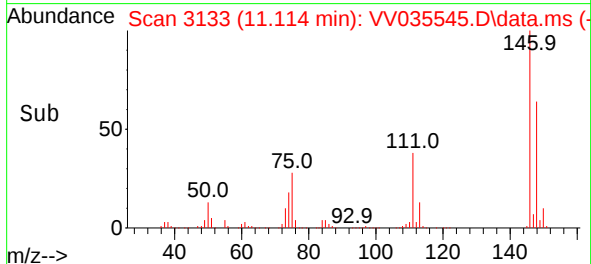
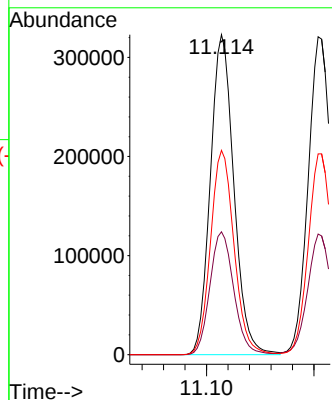
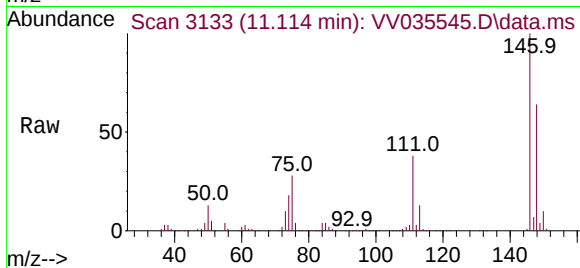
Tgt Ion:146 Resp: 491107

Ion Ratio Lower Upper

146 100

111 38.4 27.0 50.2

148 63.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 26.464 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

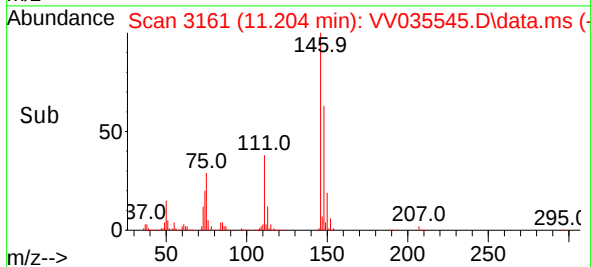
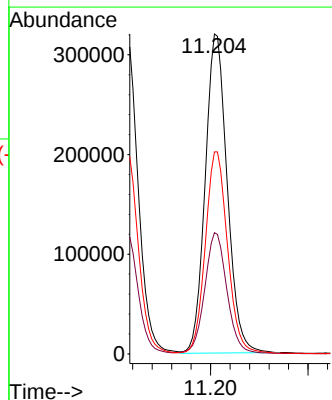
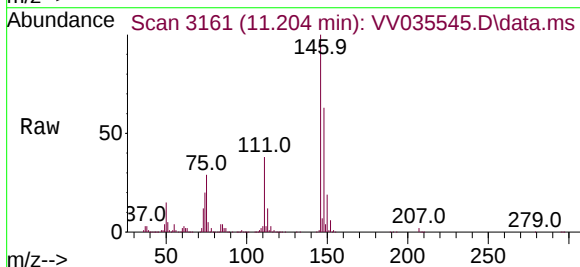
Tgt Ion:146 Resp: 501408

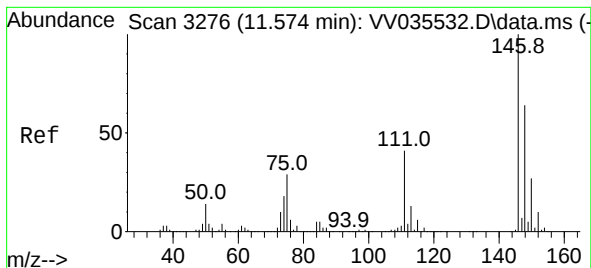
Ion Ratio Lower Upper

146 100

111 37.9 26.2 48.6

148 63.2 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 26.857 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

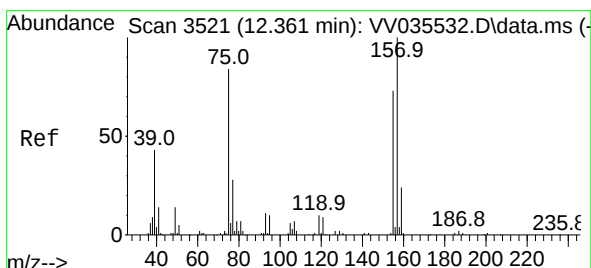
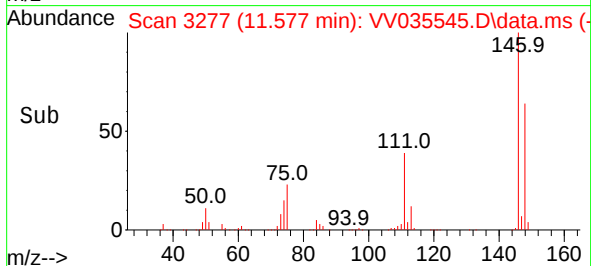
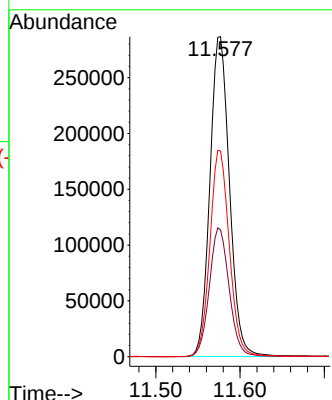
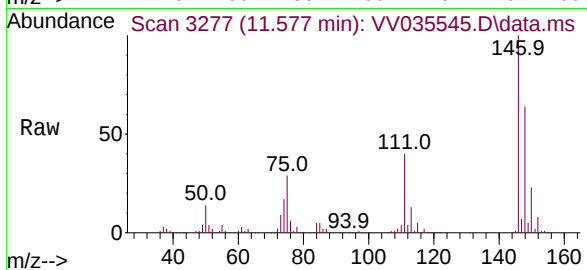
Tgt Ion:146 Resp: 462685

Ion Ratio Lower Upper

146 100

111 39.7 32.6 48.8

148 64.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 28.693 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

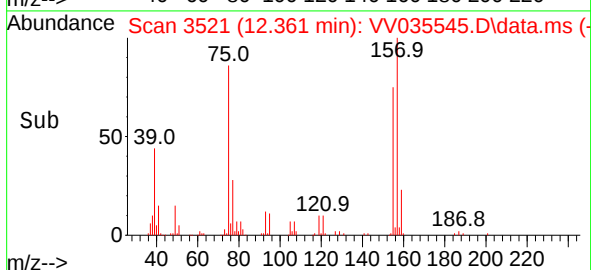
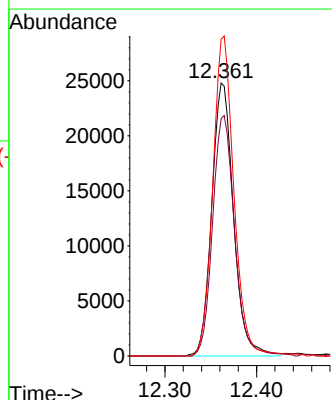
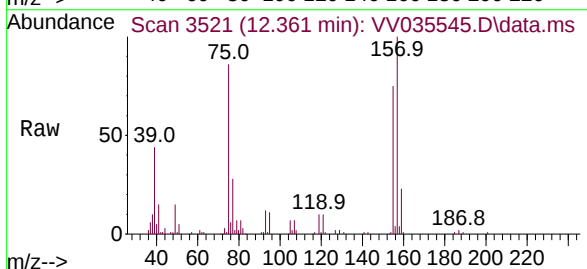
Tgt Ion: 75 Resp: 40824

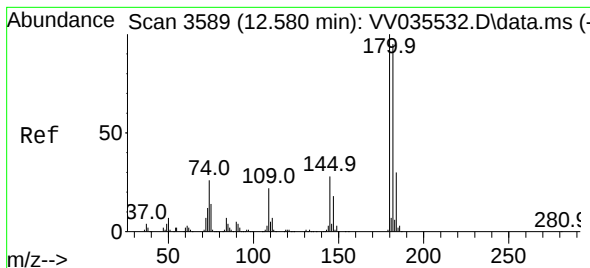
Ion Ratio Lower Upper

75 100

155 86.9 69.8 104.6

157 116.1 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 26.627 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

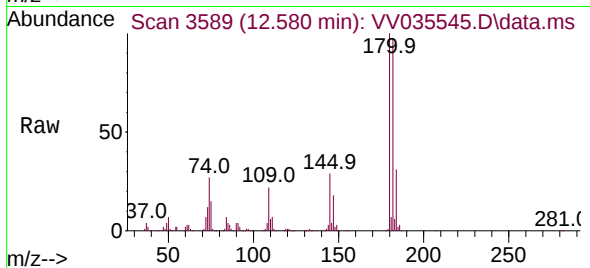
Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 380814

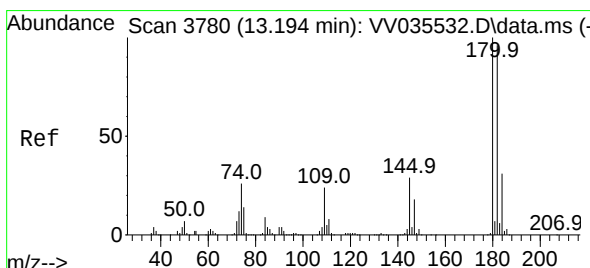
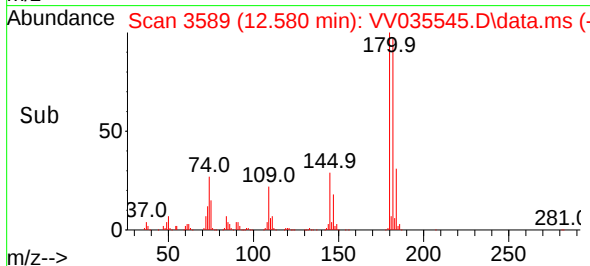
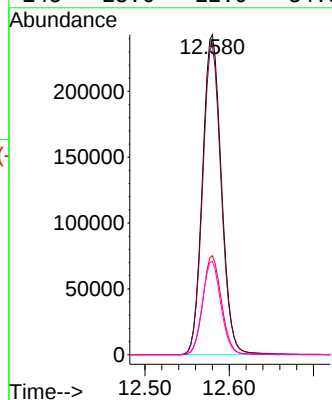
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

184 30.2 24.1 36.1

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 27.160 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

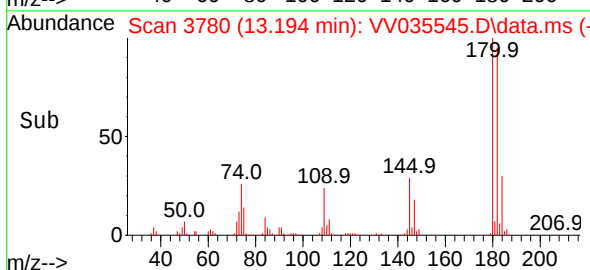
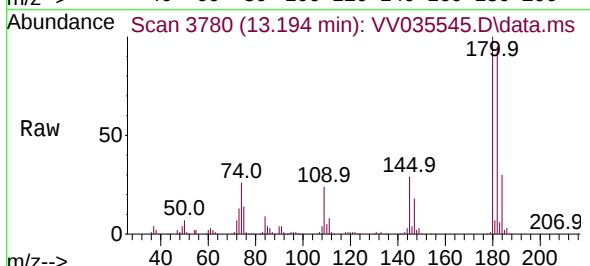
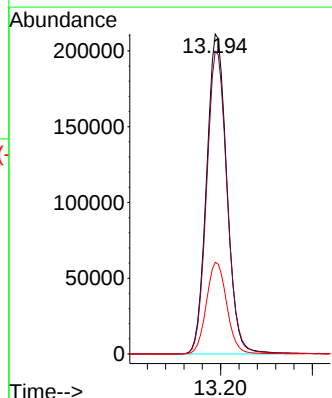
Tgt Ion:180 Resp: 324346

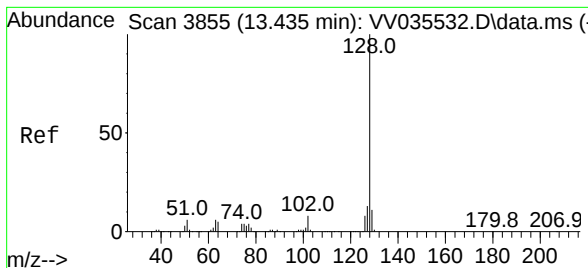
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 28.9 23.2 34.8





#71

Naphthalene

Concen: 28.640 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Instrument :

MSVOA_V

ClientSampleId :

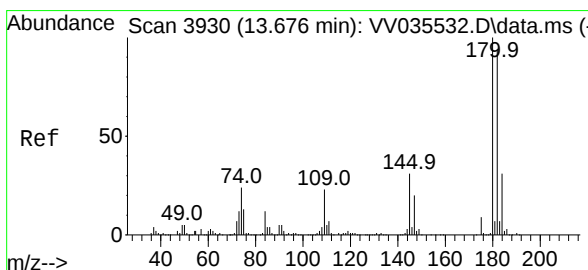
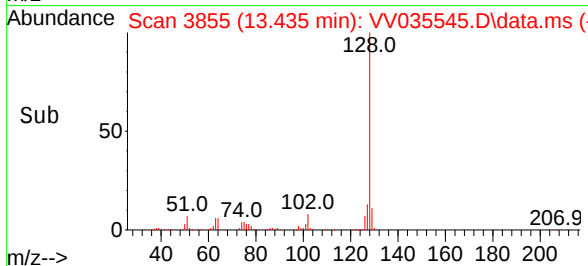
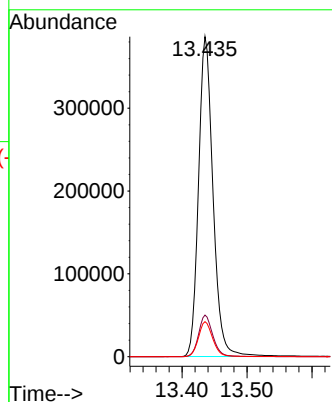
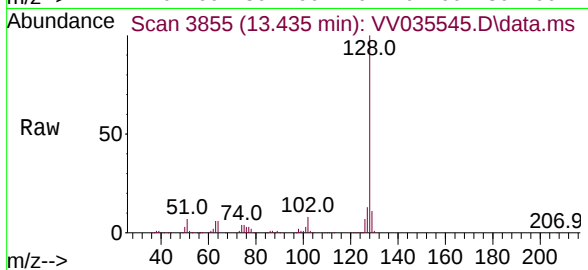
Tgt Ion:128 Resp: 600443

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 28.635 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035545.D

Acq: 07 May 2024 10:33

Tgt Ion:180 Resp: 307636

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

145 30.9 25.2 37.8

