

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052024\
 Data File : VV035632.D
 Acq On : 20 May 2024 13:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 02:12:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 02:11:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	383419	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	406929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	240881	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	120201	20.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.120%
7) Chloroethane-d5	1.526	69	103801	21.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
11) 1,1-Dichloroethene-d2	2.050	65	55347	21.096	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.400%
21) 2-Butanone-d5	3.844	46	76543	45.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.020%
24) Chloroform-d	4.240	84	276689	24.273	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.080%
26) 1,2-Dichloroethane-d4	4.937	65	135235	23.998	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.950	84	484961	21.771	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	5.982	67	157489	22.910	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.640%
41) Toluene-d8	7.240	98	438086	22.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.551	79	64157	21.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.280%
47) 2-Hexanone-d5	8.031	63	55013	44.505	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	143931	21.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	182104	21.784	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.120%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	204125	26.186	ug/L	100
3) Chloromethane	1.211	50	199389	25.476	ug/L	99
5) Vinyl chloride	1.278	62	219503	27.147	ug/L	100
6) Bromomethane	1.484	94	136681	26.697	ug/L	99
8) Chloroethane	1.545	64	141321	28.353	ug/L	97
9) Trichlorofluoromethane	1.706	101	303630	28.769	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	198741	29.846	ug/L	100
12) 1,1-Dichloroethene	2.063	96	170218	28.301	ug/L	96
13) Acetone	2.384	43	75443	30.644	ug/L	71
14) Carbon disulfide	2.233	76	454657	23.866	ug/L	100
15) Methyl Acetate	2.384	43	80836	21.672	ug/L #	88
16) Methylene chloride	2.439	84	247601	28.004	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	185367	27.762	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	484104	30.056	ug/L	99
19) 1,1-Dichloroethane	3.101	63	381761	30.497	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	205632	28.408	ug/L	98
22) 2-Butanone	3.912	43	108898	47.631	ug/L	97
23) Bromochloromethane	4.140	128	104325	29.799	ug/L	97
25) Chloroform	4.265	83	397585	30.758	ug/L	98

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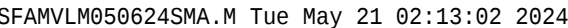
Instrument :
 MSVOA_V
 ClientSampleId :

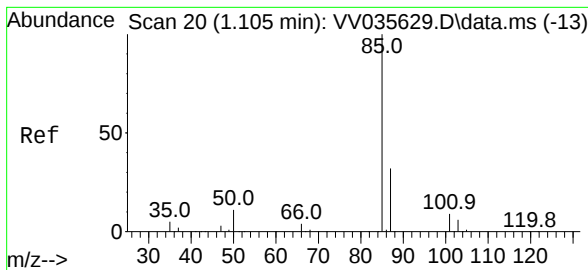
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 Quant Title : VOC Analysis
 QLast Update : Tue May 21 02:11:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	245721	30.527	ug/L	100
29) Cyclohexane	4.574	56	261076	26.829	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	336862	29.855	ug/L	99
31) Carbon tetrachloride	4.725	117	289446	29.237	ug/L	99
33) Benzene	5.002	78	789130	29.301	ug/L	100
34) Trichloroethene	5.825	95	232526	30.523	ug/L	98
35) Methylcyclohexane	6.043	83	311011	26.890	ug/L	97
37) 1,2-Dichloropropane	6.085	63	215832	30.716	ug/L	100
38) Bromodichloromethane	6.426	83	287364	30.189	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	318671	28.996	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	236118	56.109	ug/L	97
42) Toluene	7.310	91	849559	29.807	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	281707	29.302	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	177452	29.722	ug/L	99
46) Tetrachloroethene	7.899	164	171069	27.640	ug/L	98
48) 2-Hexanone	8.079	43	169965	53.868	ug/L	98
49) Dibromochloromethane	8.172	129	197699	29.346	ug/L	100
50) 1,2-Dibromoethane	8.278	107	166986	28.391	ug/L	100
51) Chlorobenzene	8.809	112	567618	28.702	ug/L	100
52) Ethylbenzene	8.940	91	933571	29.667	ug/L	99
53) m,p-Xylene	9.069	106	356928	29.896	ug/L	100
54) o-Xylene	9.474	106	341178	30.152	ug/L	100
55) Styrene	9.490	104	624626	31.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	171880	23.634	ug/L	99
59) Bromoform	9.661	173	128330	27.109	ug/L	99
60) Isopropylbenzene	9.863	105	953328	29.711	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	155527	27.553	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	763364	30.327	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	769846	29.762	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	475598	28.244	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	487261	27.951	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	445056	28.077	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	34548	26.390	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	362742	27.566	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	297027	27.032	ug/L	100
71) Naphthalene	13.435	128	464446	24.077	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	279345	28.260	ug/L	100

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

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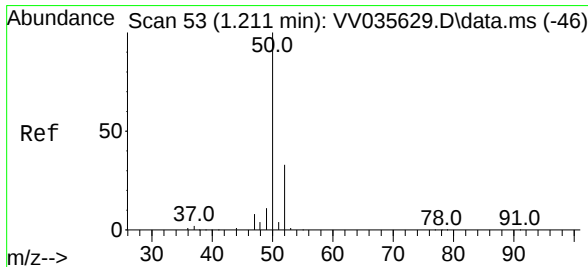
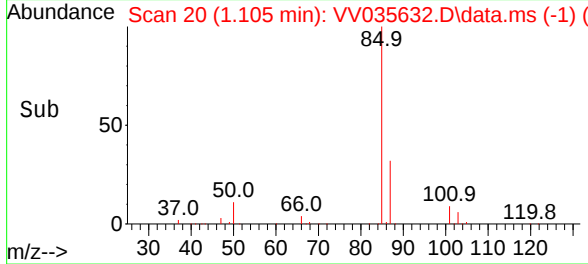
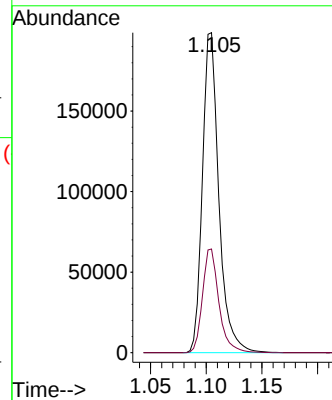
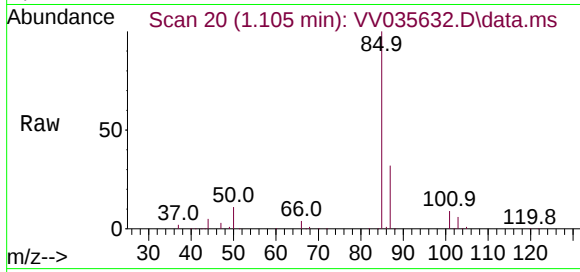




#2
Dichlorodifluoromethane
Concen: 26.186 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

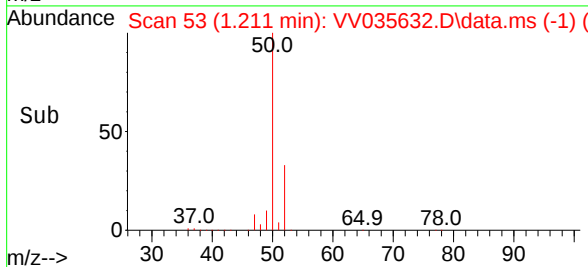
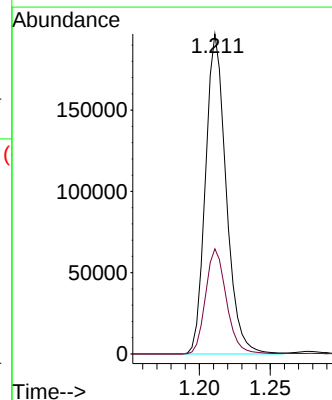
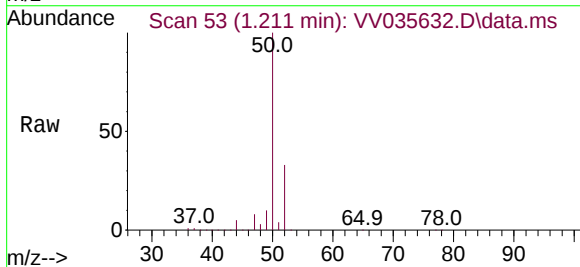
Instrument :
MSVOA_V
ClientSampleId :

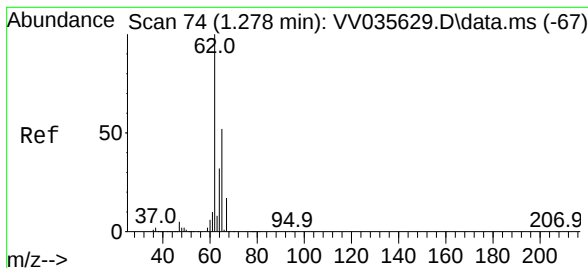
Tgt Ion: 85 Resp: 204125
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 25.476 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 50 Resp: 199389
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1





#5

Vinyl chloride

Concen: 27.147 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

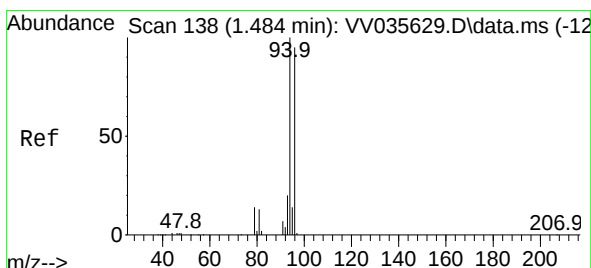
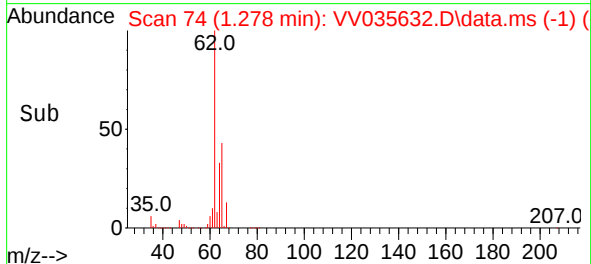
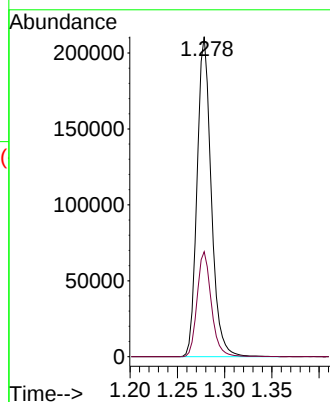
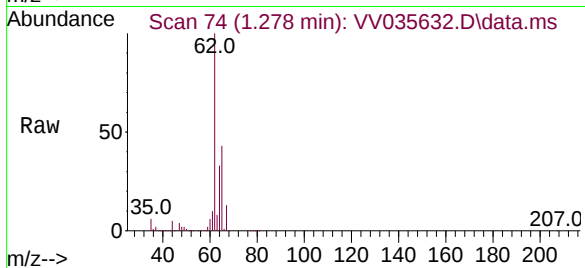
ClientSampleId :

Tgt Ion: 62 Resp: 219503

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.6



#6

Bromomethane

Concen: 26.697 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV035632.D

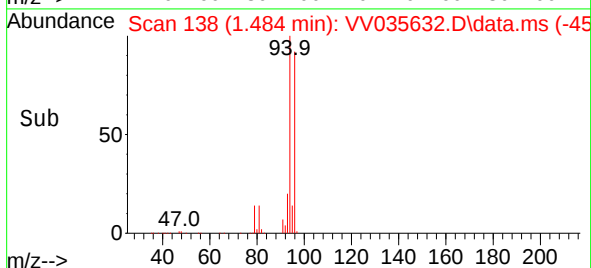
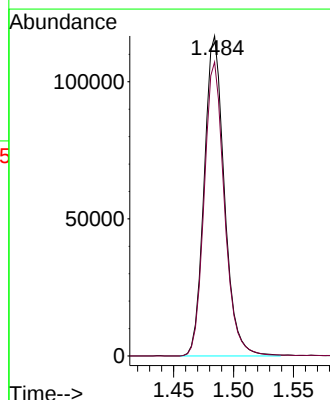
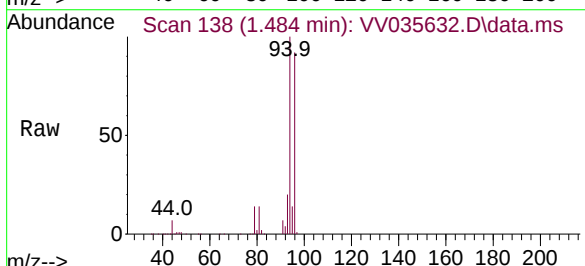
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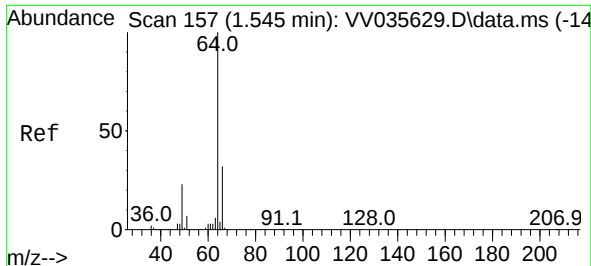
Tgt Ion: 94 Resp: 136681

Ion Ratio Lower Upper

94 100

96 91.8 65.2 121.0

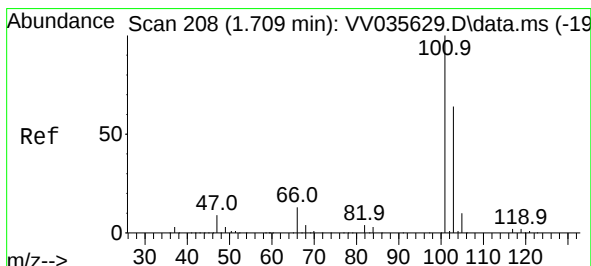
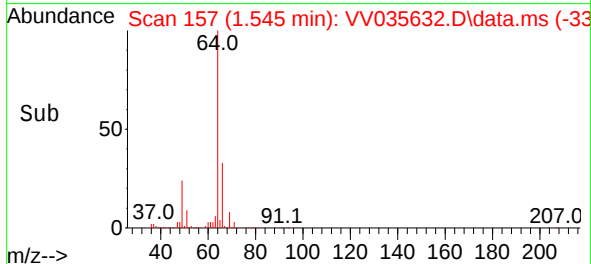
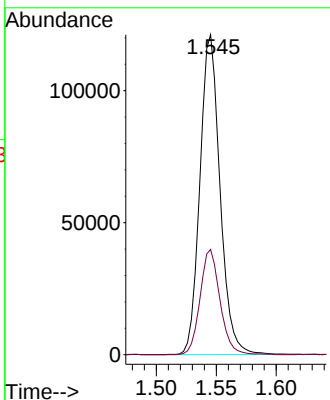
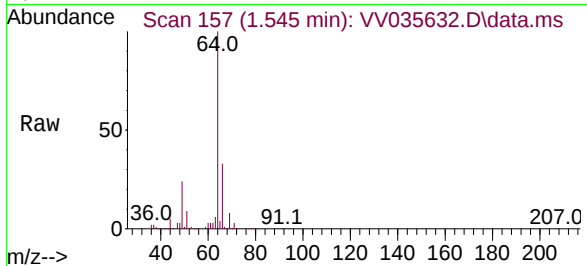




#8
Chloroethane
Concen: 28.353 ug/L
RT: 1.545 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

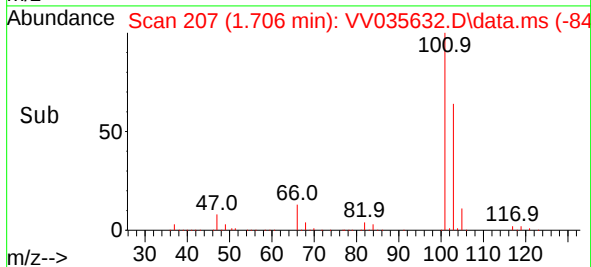
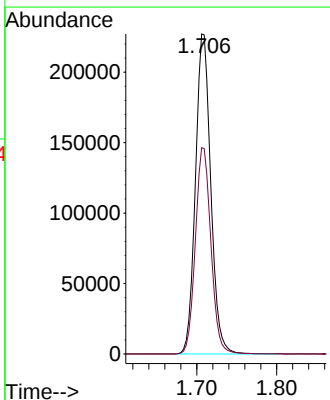
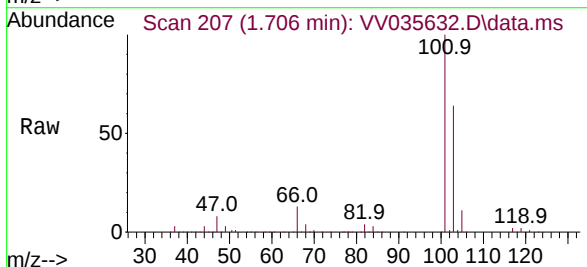
Instrument :
MSVOA_V
ClientSampleId :

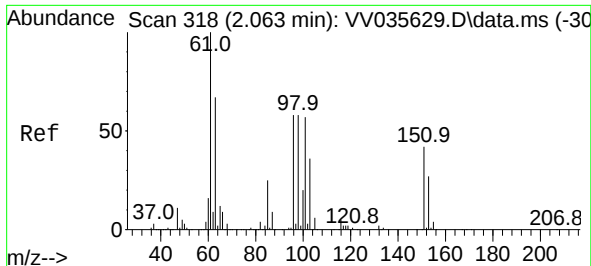
Tgt Ion: 64 Resp: 141321
Ion Ratio Lower Upper
64 100
66 32.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 28.769 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion:101 Resp: 303630
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

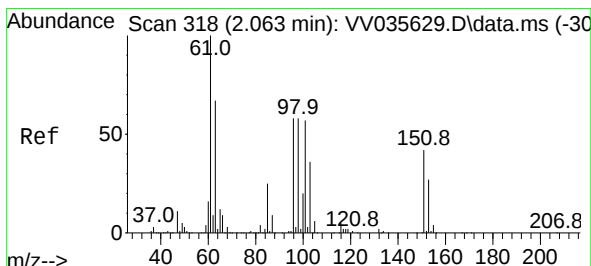
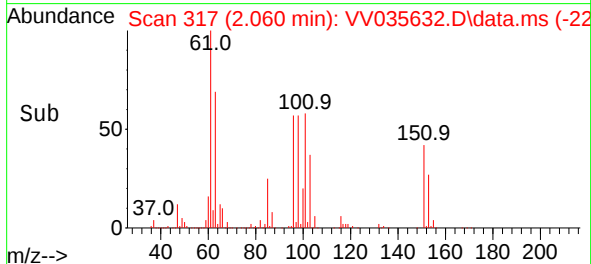
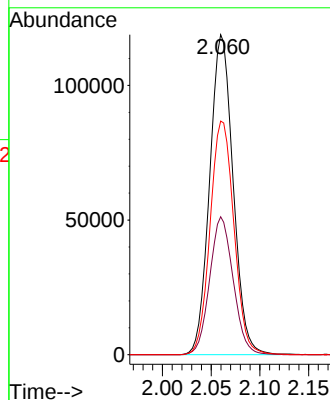
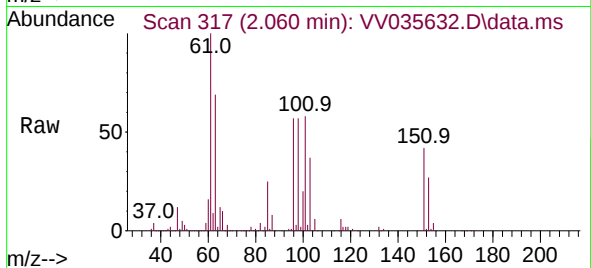




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.846 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV035632.D
 Acq: 20 May 2024 13:24

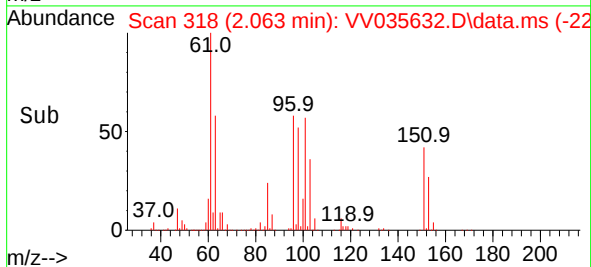
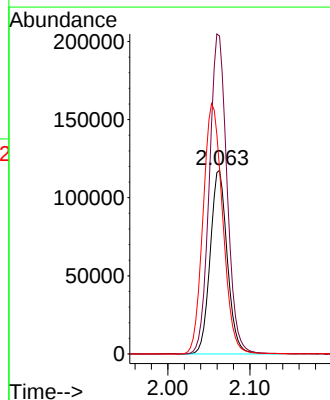
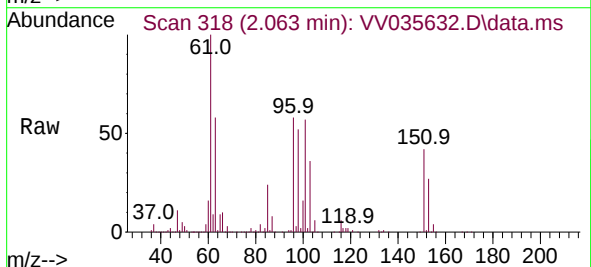
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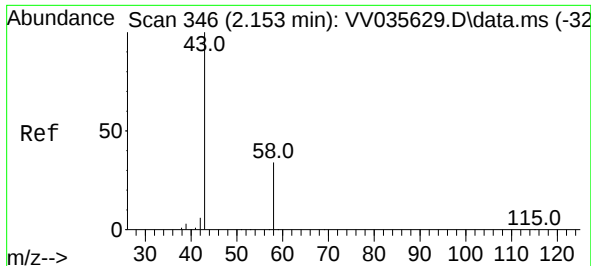
Tgt Ion:101 Resp: 198741
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.2 51.4
 151 74.4 59.5 89.3



#12
 1,1-Dichloroethene
 Concen: 28.301 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035632.D
 Acq: 20 May 2024 13:24

Tgt Ion: 96 Resp: 170218
 Ion Ratio Lower Upper
 96 100
 61 173.1 119.8 222.4
 63 100.7 75.6 140.4





#13

Acetone

Concen: 30.644 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.232 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

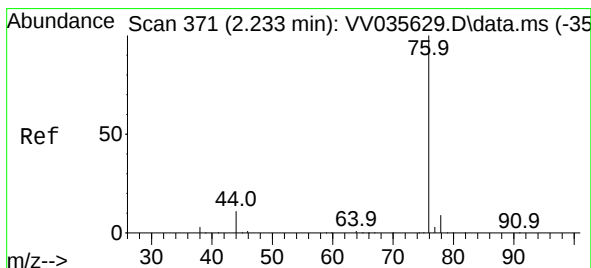
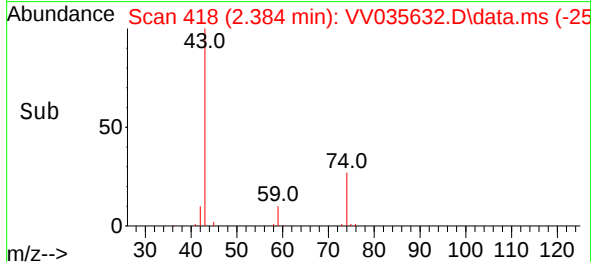
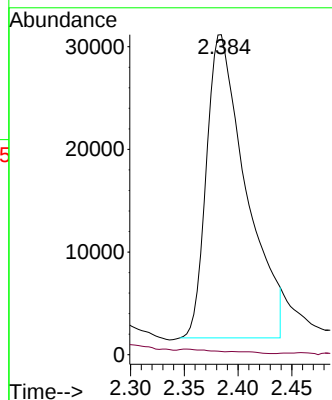
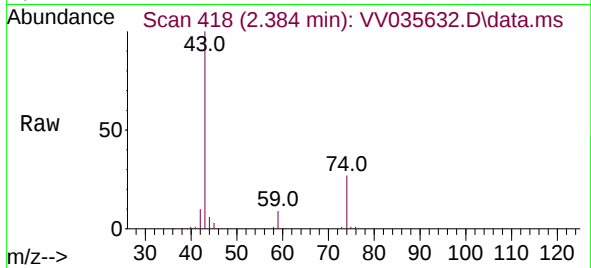
ClientSampleId :

Tgt Ion: 43 Resp: 75443

Ion Ratio Lower Upper

43 100

58 0.1 0.0 22.8



#14

Carbon disulfide

Concen: 23.866 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035632.D

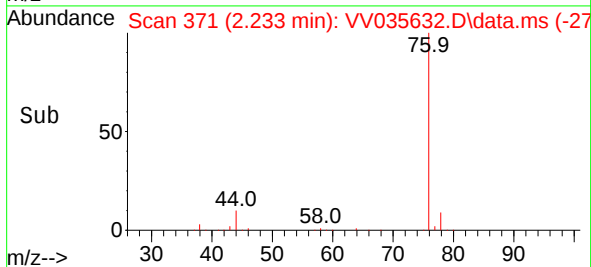
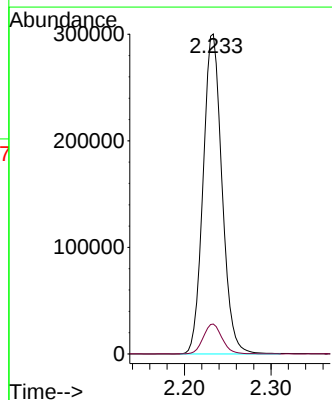
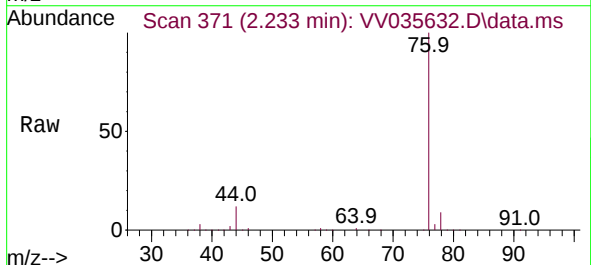
Acq: 20 May 2024 13:24

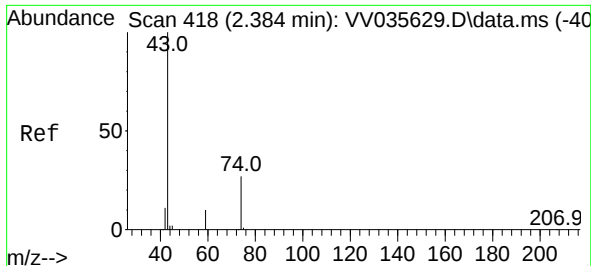
Tgt Ion: 76 Resp: 454657

Ion Ratio Lower Upper

76 100

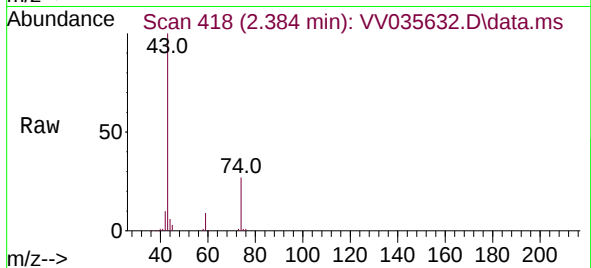
78 9.4 7.5 11.3



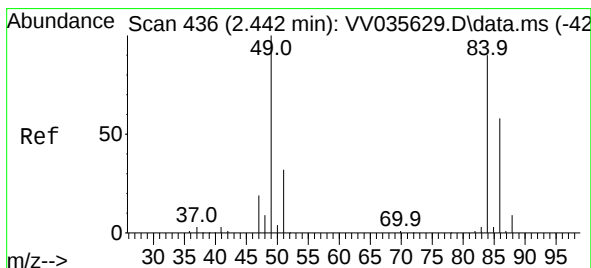
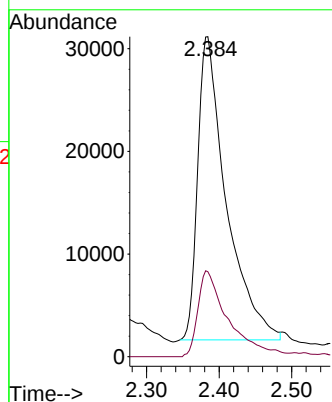
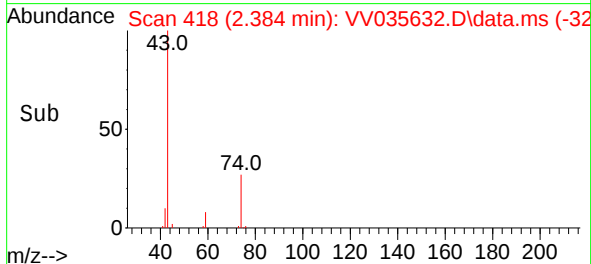


#15
Methyl Acetate
Concen: 21.672 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Instrument :
MSVOA_V
ClientSampleId :

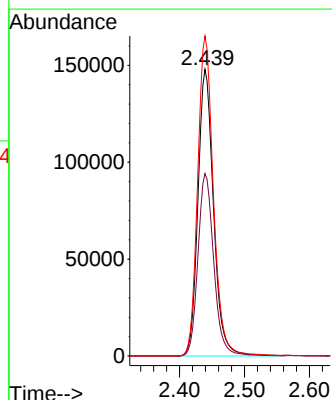
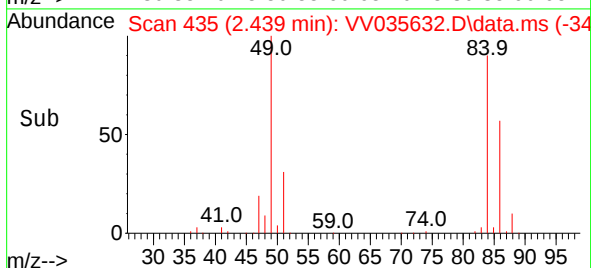
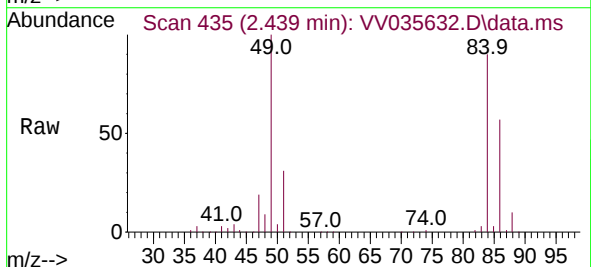


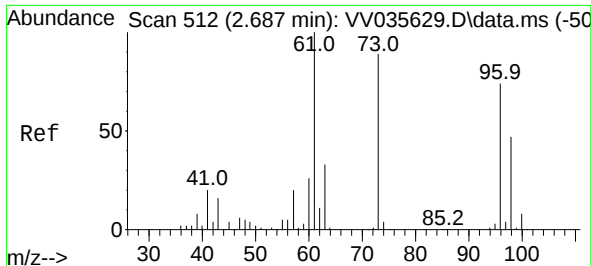
Tgt Ion: 43 Resp: 80836
Ion Ratio Lower Upper
43 100
74 29.2 18.6 27.8#



#16
Methylene chloride
Concen: 28.004 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 84 Resp: 247601
Ion Ratio Lower Upper
84 100
86 63.7 43.8 81.3
49 111.7 75.3 139.9

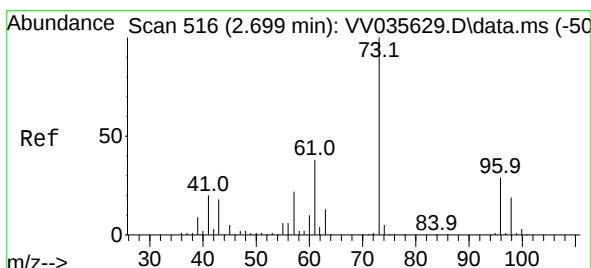
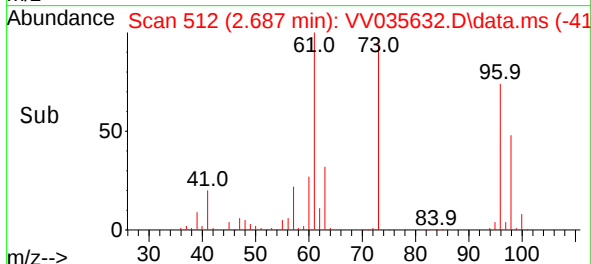
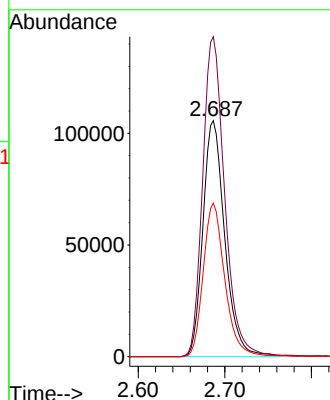
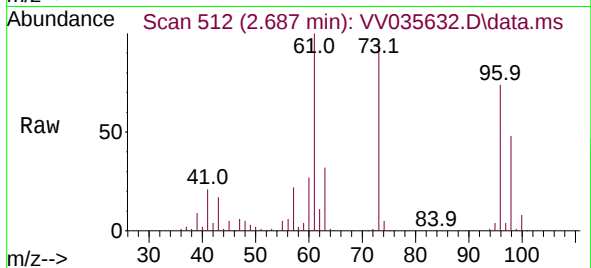




#17
trans-1,2-Dichloroethene
Concen: 27.762 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

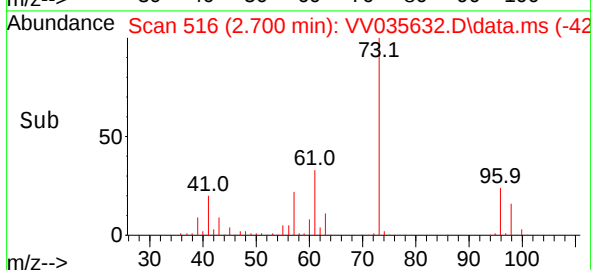
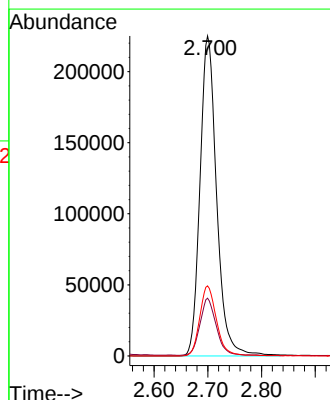
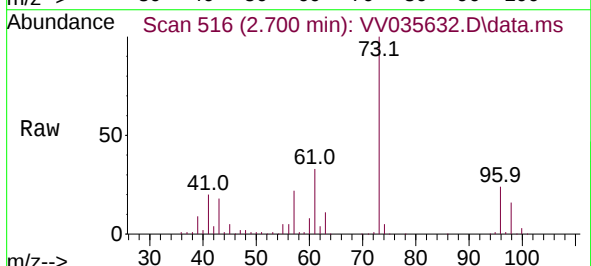
Instrument :
MSVOA_V
ClientSampleId :

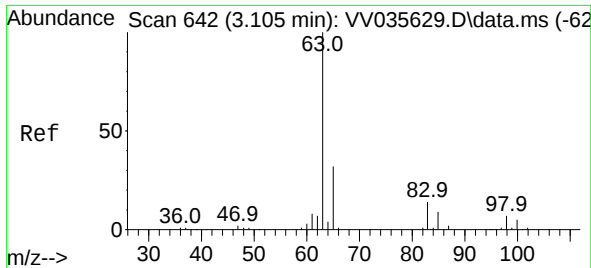
Tgt Ion: 96 Resp: 185367
Ion Ratio Lower Upper
96 100
61 135.6 95.5 177.4
98 65.1 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 30.056 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 73 Resp: 484104
Ion Ratio Lower Upper
73 100
43 17.3 13.3 19.9
57 21.9 17.4 26.2

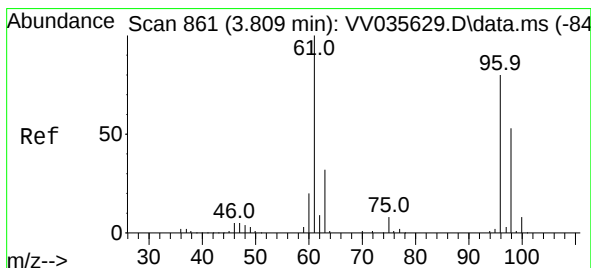
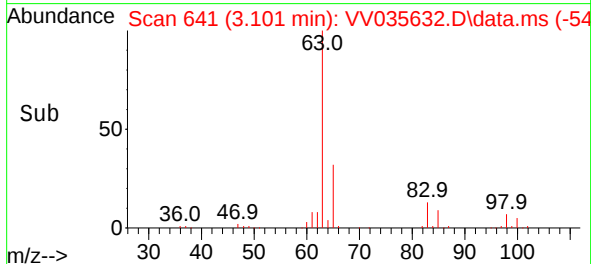
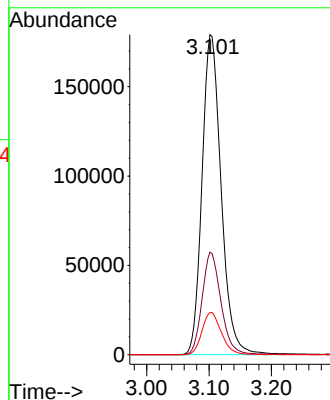
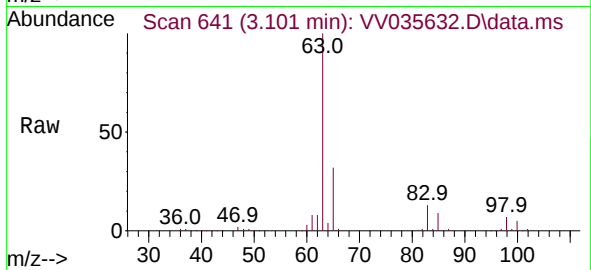




#19
1,1-Dichloroethane
Concen: 30.497 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

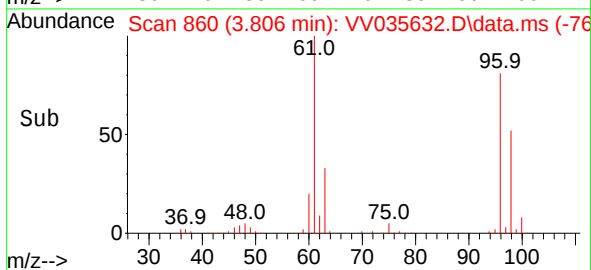
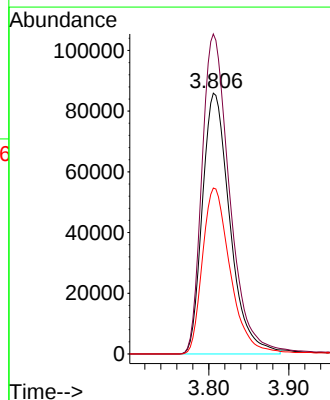
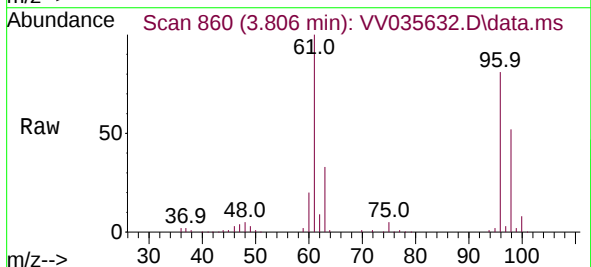
Instrument :
MSVOA_V
ClientSampleId :

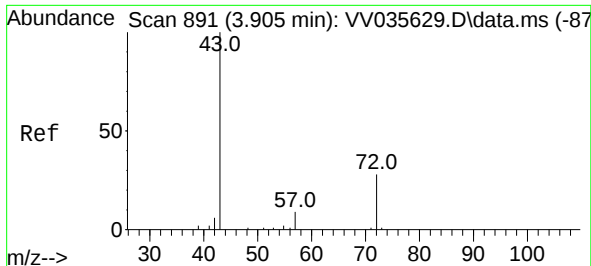
Tgt Ion: 63 Resp: 381761
Ion Ratio Lower Upper
63 100
65 32.0 22.7 42.3
83 13.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 28.408 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 96 Resp: 205632
Ion Ratio Lower Upper
96 100
61 122.7 83.9 155.9
98 63.6 44.0 81.8

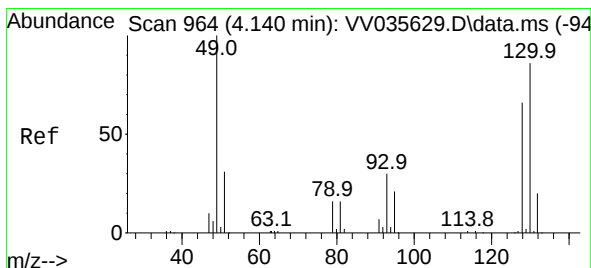
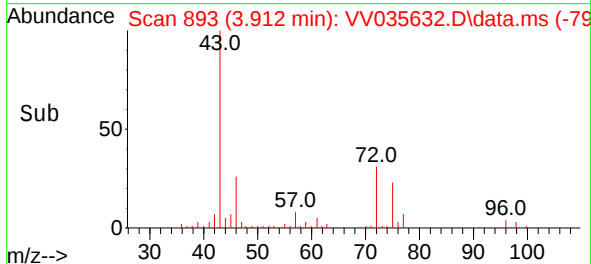
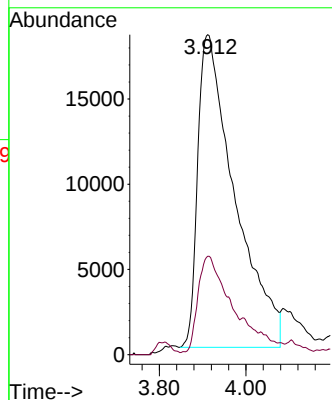
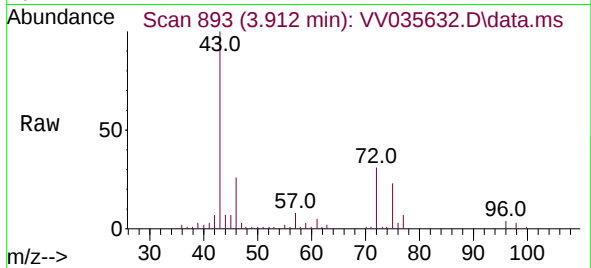




#22
2-Butanone
Concen: 47.631 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.007 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

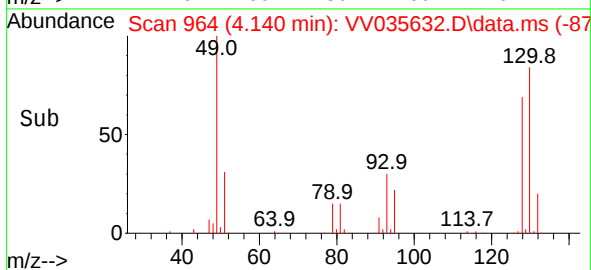
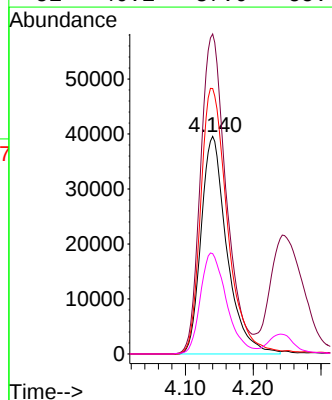
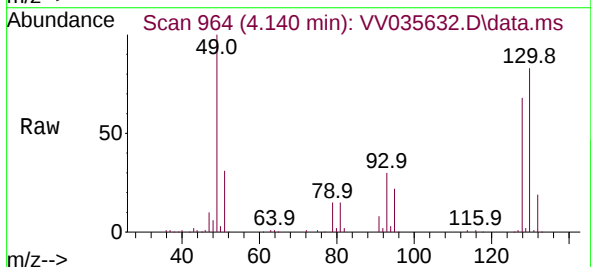
Instrument :
MSVOA_V
ClientSampleId :

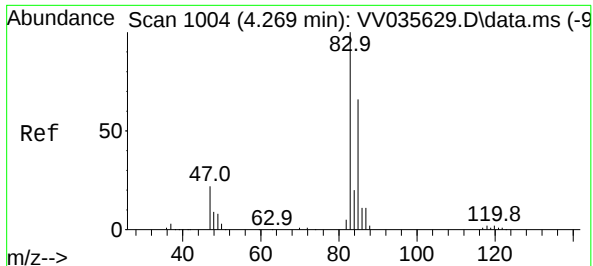
Tgt Ion: 43 Resp: 108898
Ion Ratio Lower Upper
43 100
72 23.2 12.3 36.9



#23
Bromochloromethane
Concen: 29.799 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion:128 Resp: 104325
Ion Ratio Lower Upper
128 100
49 147.1 103.1 191.5
130 122.0 91.8 170.4
51 46.1 37.0 55.4





#25

Chloroform

Concen: 30.758 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

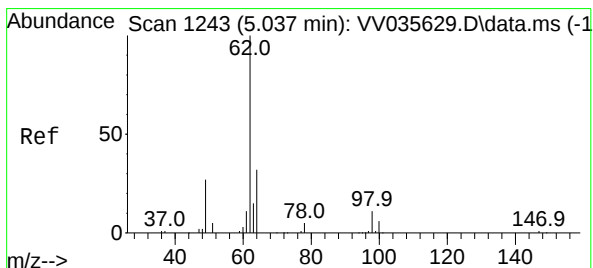
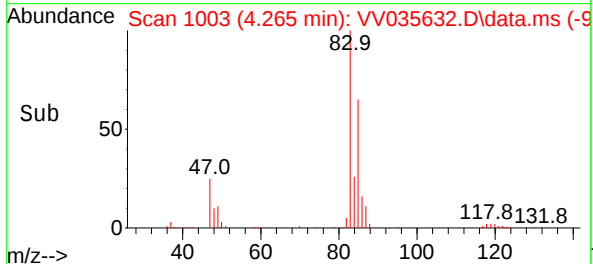
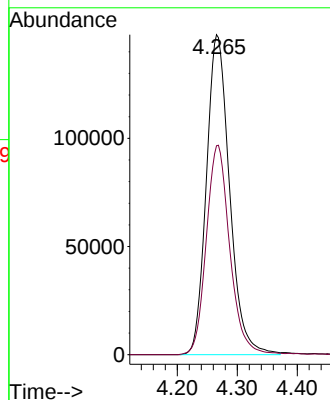
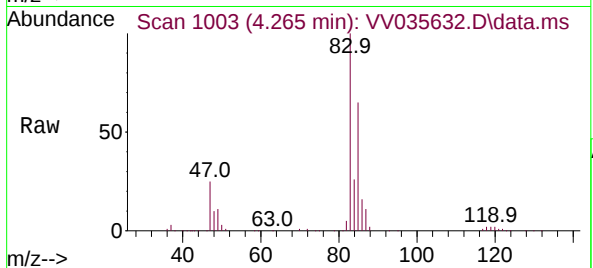
ClientSampleId :

Tgt Ion: 83 Resp: 397585

Ion Ratio Lower Upper

83 100

85 65.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 30.527 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035632.D

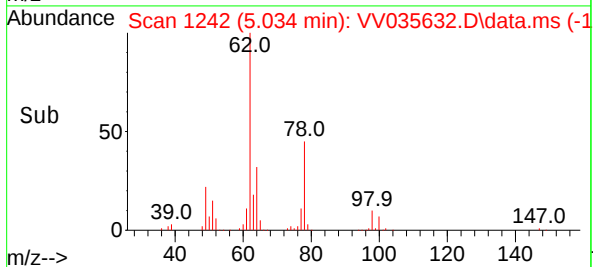
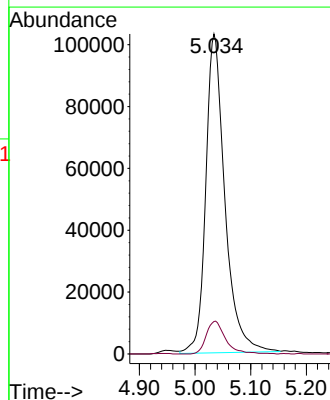
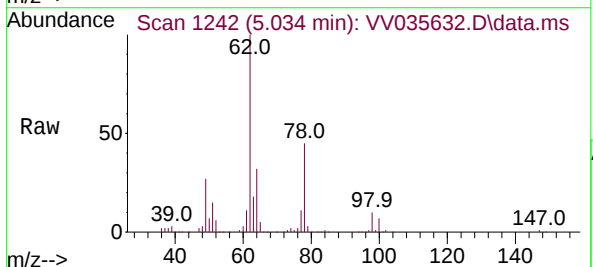
Acq: 20 May 2024 13:24

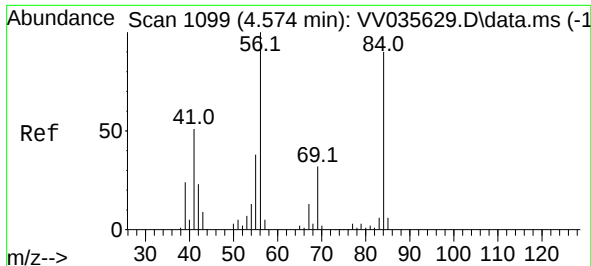
Tgt Ion: 62 Resp: 245721

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2





#29

Cyclohexane

Concen: 26.829 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

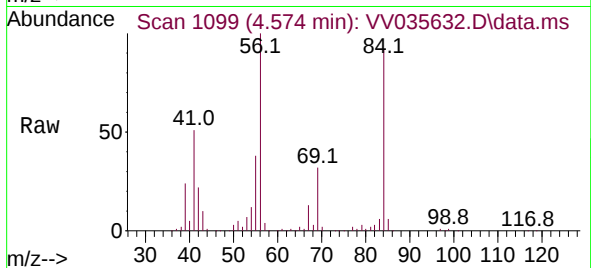
Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

ClientSampleId :



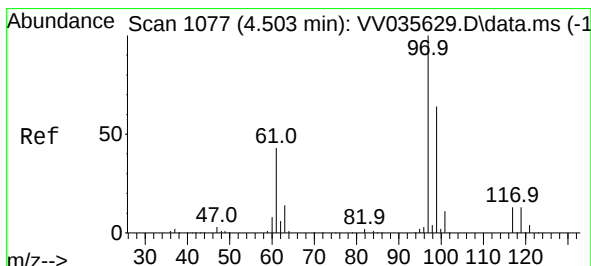
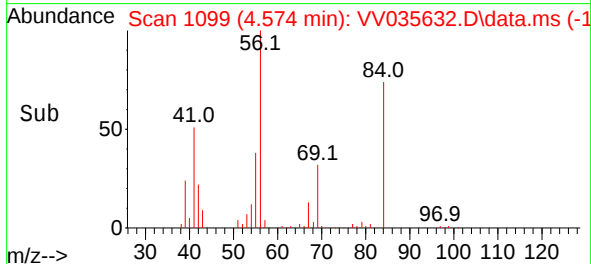
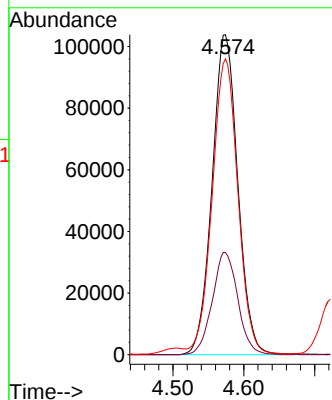
Tgt Ion: 56 Resp: 261076

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 92.4 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 29.855 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

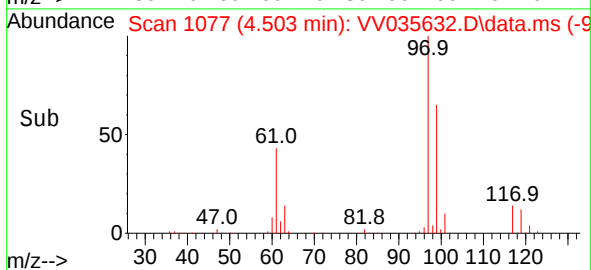
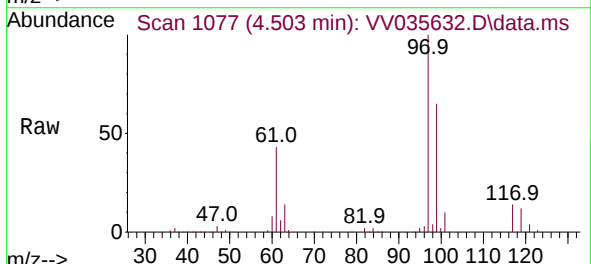
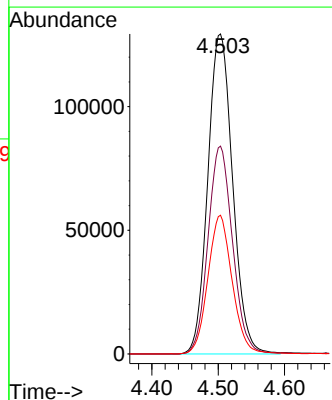
Tgt Ion: 97 Resp: 336862

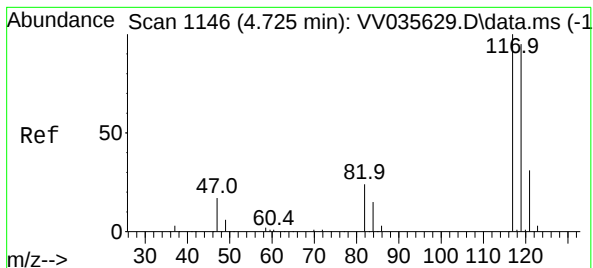
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 42.4 33.5 50.3





#31

Carbon tetrachloride

Concen: 29.237 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

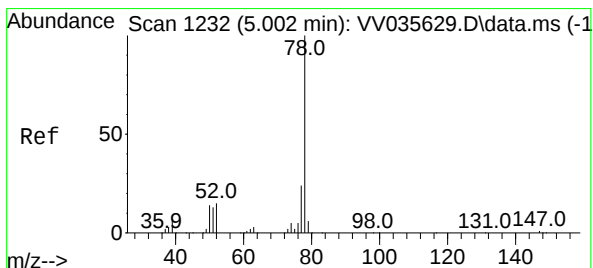
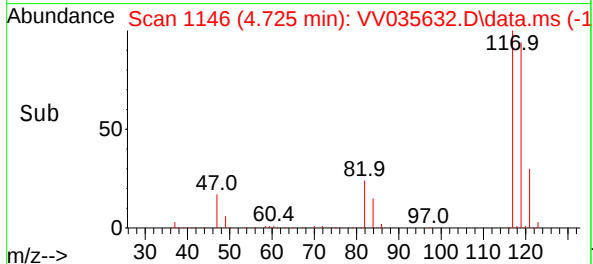
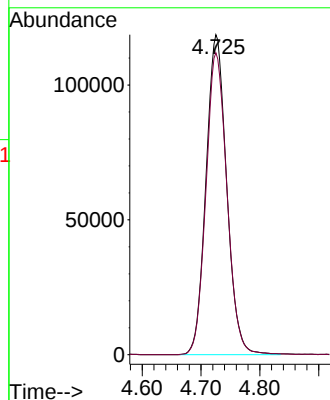
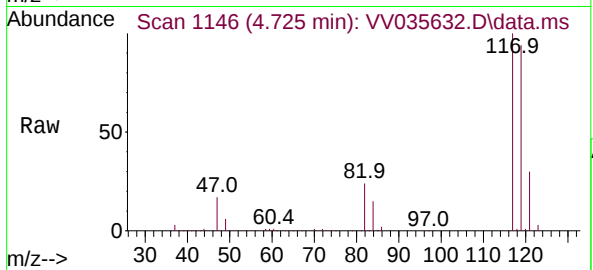
ClientSampleId :

Tgt Ion:117 Resp: 289446

Ion Ratio Lower Upper

117 100

119 95.8 77.3 115.9



#33

Benzene

Concen: 29.301 ug/L

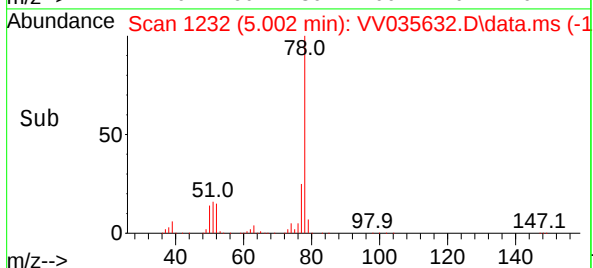
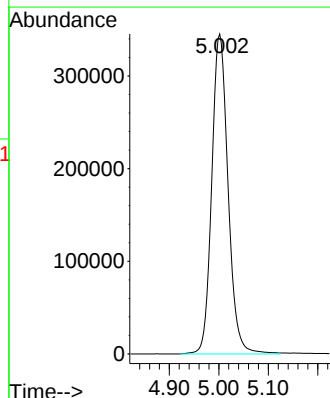
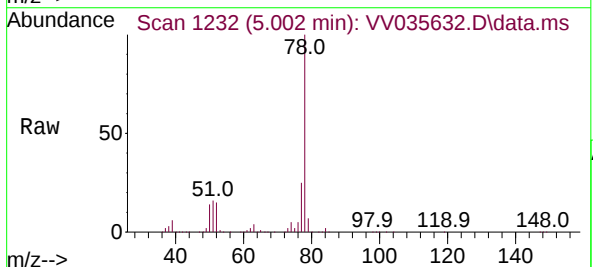
RT: 5.002 min Scan# 1232

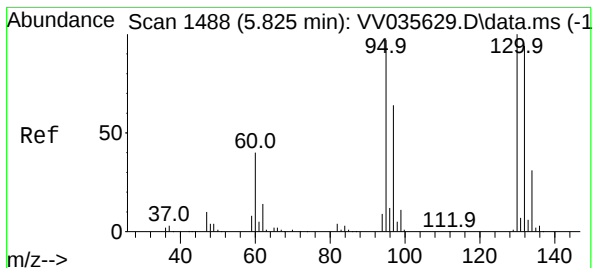
Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Tgt Ion: 78 Resp: 789130





#34

Trichloroethene

Concen: 30.523 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 232526

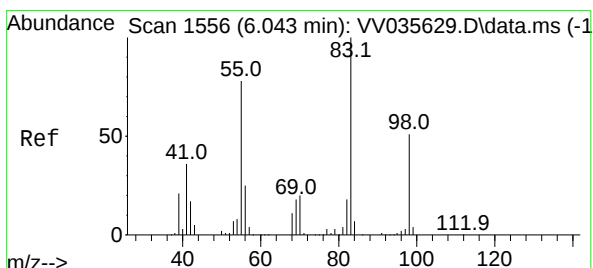
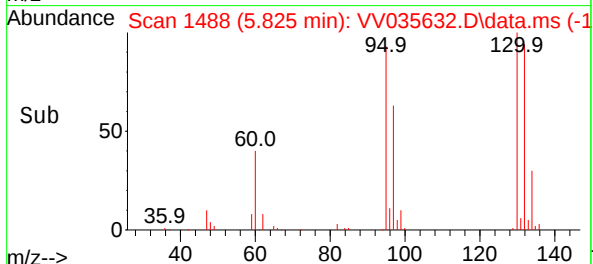
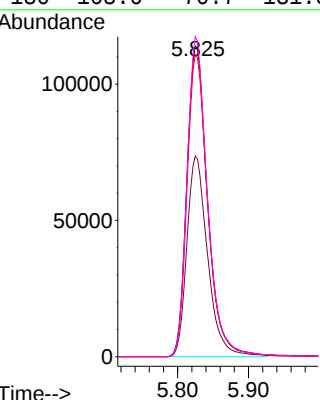
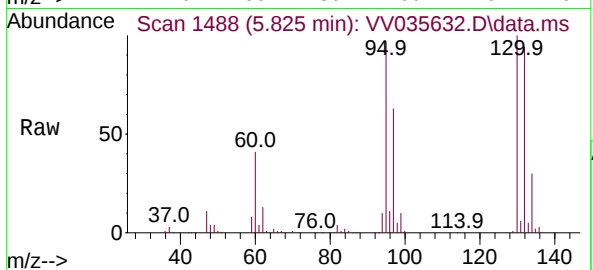
Ion Ratio Lower Upper

95 100

97 64.6 43.8 81.4

132 97.3 67.1 124.7

130 103.0 70.7 131.3



#35

Methylcyclohexane

Concen: 26.890 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

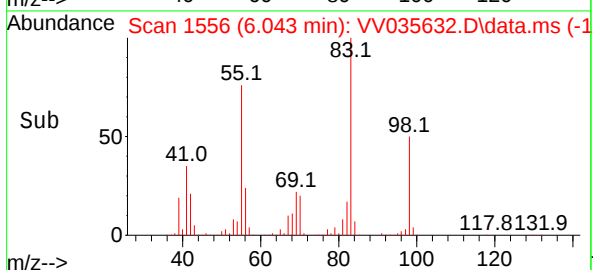
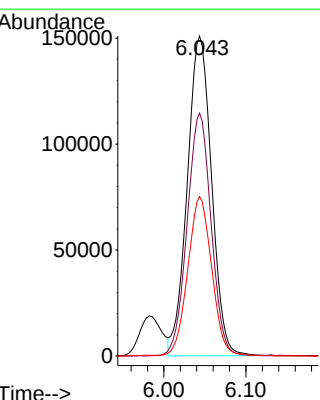
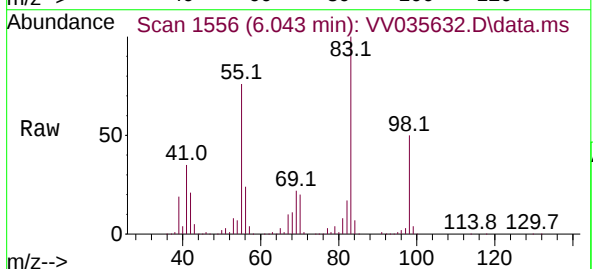
Tgt Ion: 83 Resp: 311011

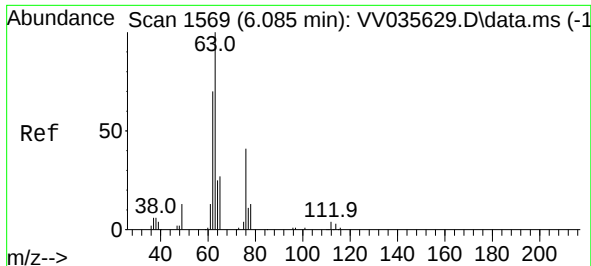
Ion Ratio Lower Upper

83 100

55 74.9 57.5 86.3

98 48.9 38.6 58.0

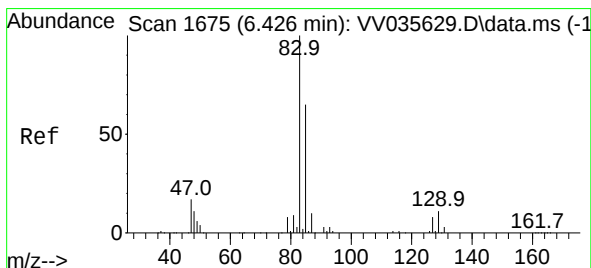
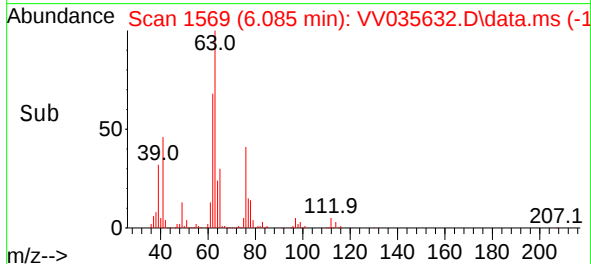
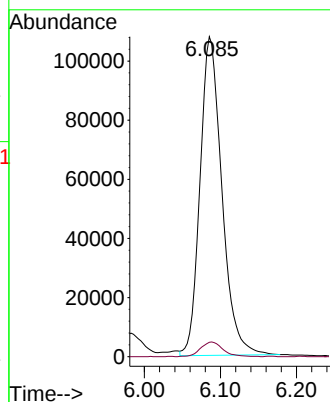
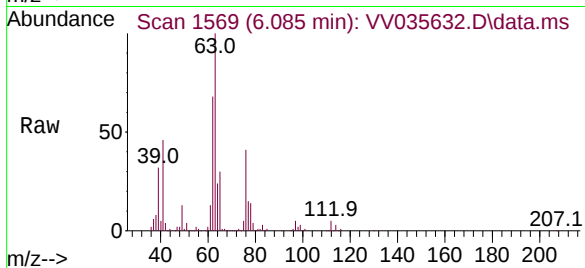




#37
1,2-Dichloropropane
Concen: 30.716 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

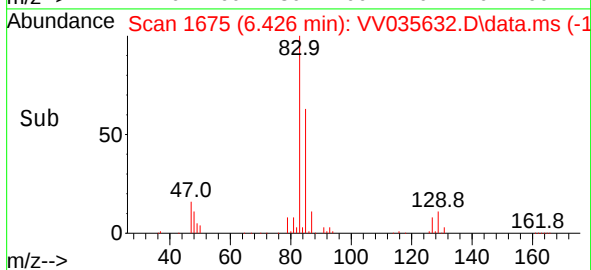
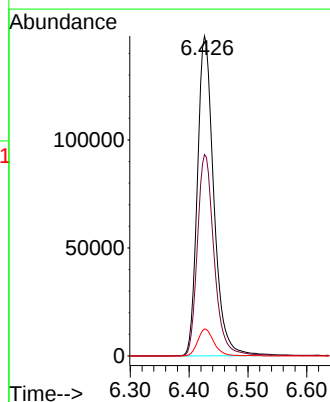
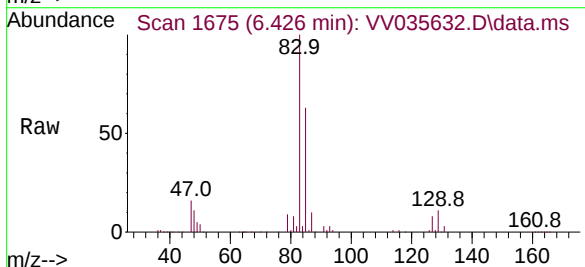
Instrument :
MSVOA_V
ClientSampleId :

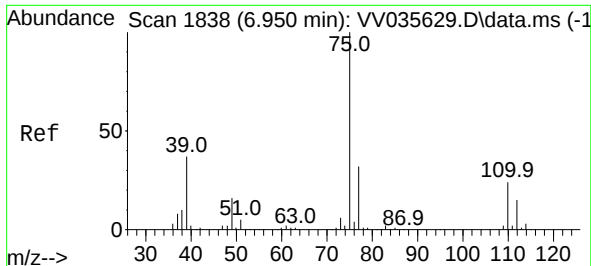
Tgt Ion: 63 Resp: 215832
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 30.189 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 83 Resp: 287364
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9
127 8.5 7.0 10.6

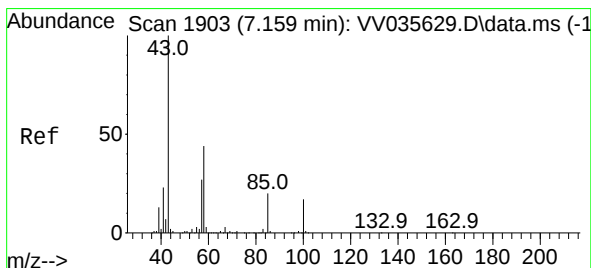
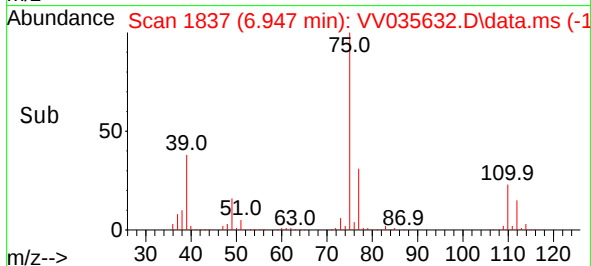
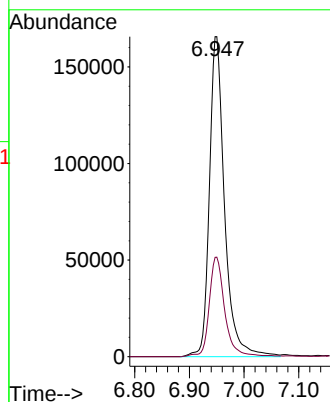
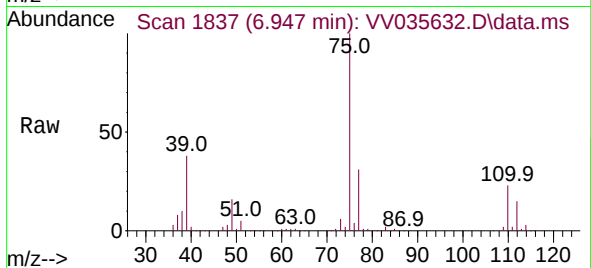




#39
 cis-1,3-Dichloropropene
 Concen: 28.996 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV035632.D
 Acq: 20 May 2024 13:24

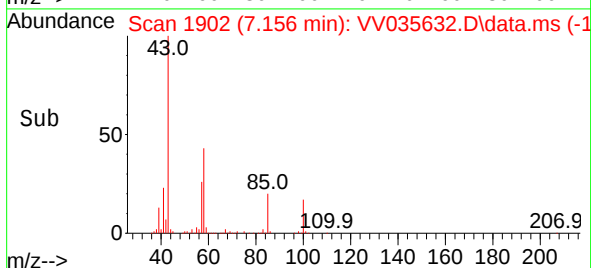
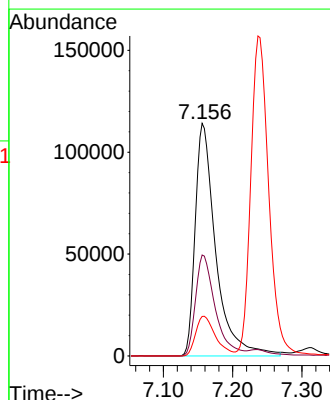
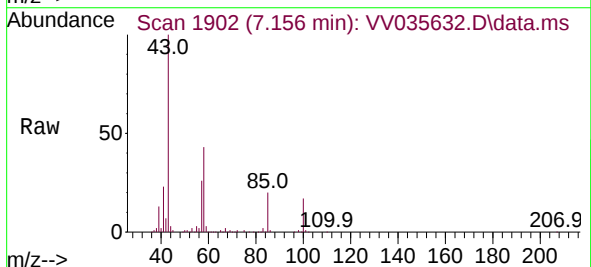
Instrument :
 MSVOA_V
 ClientSampleId :

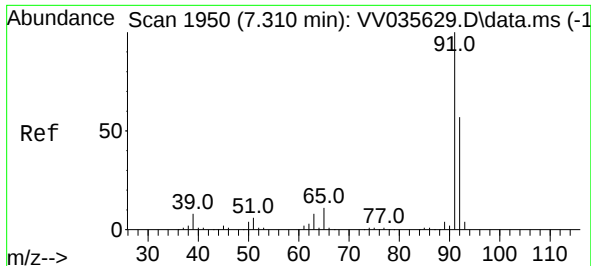
Tgt Ion: 75 Resp: 318671
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 56.109 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV035632.D
 Acq: 20 May 2024 13:24

Tgt Ion: 43 Resp: 236118
 Ion Ratio Lower Upper
 43 100
 58 41.5 34.8 52.2
 100 16.4 13.9 20.9





#42

Toluene

Concen: 29.807 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

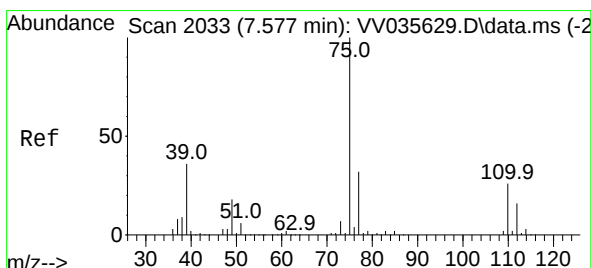
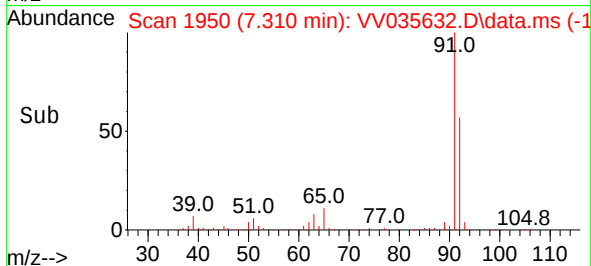
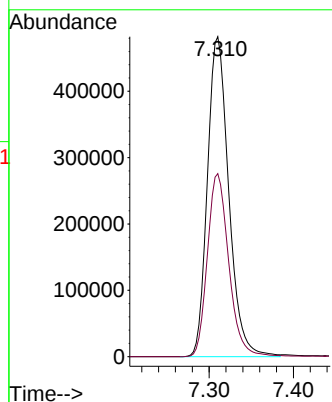
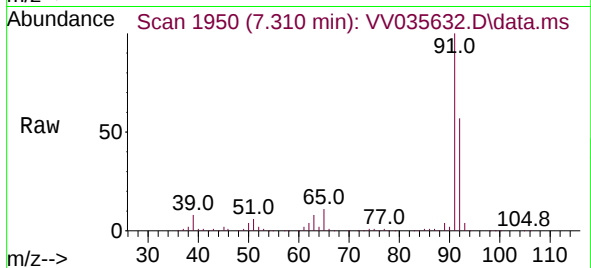
ClientSampleId :

Tgt Ion: 91 Resp: 849559

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 29.302 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035632.D

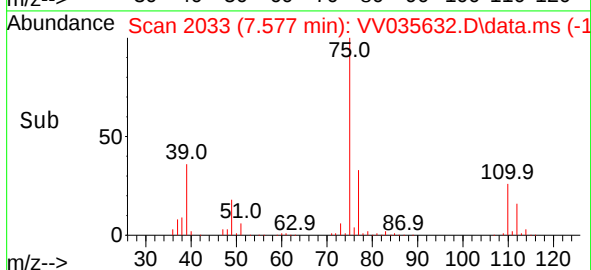
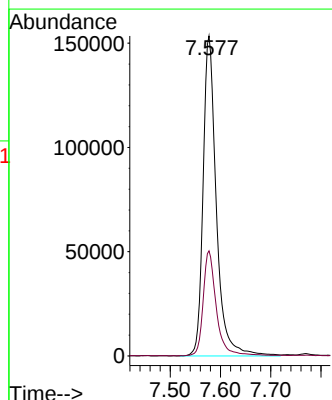
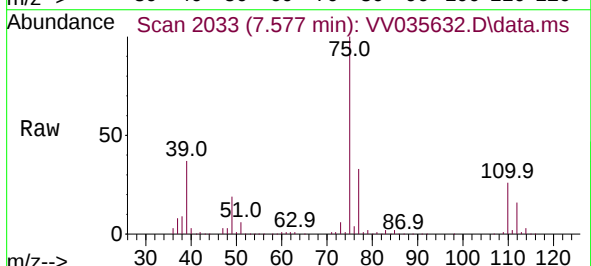
Acq: 20 May 2024 13:24

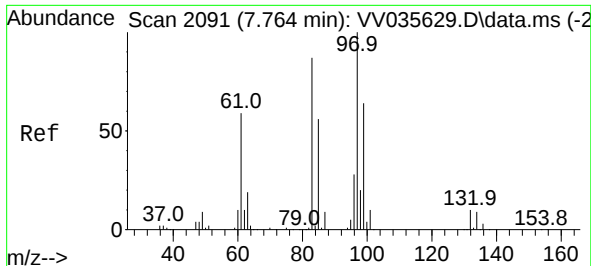
Tgt Ion: 75 Resp: 281707

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6

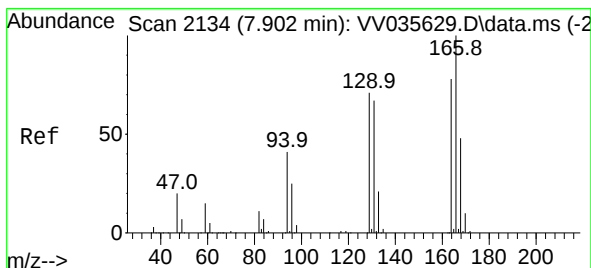
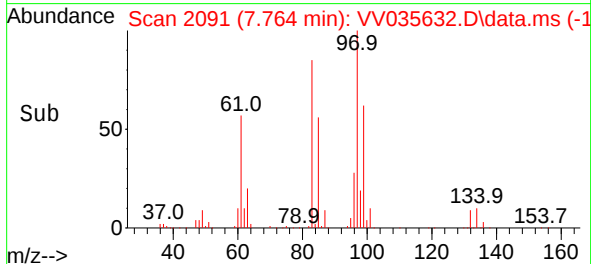
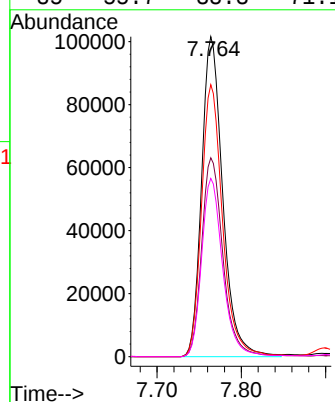
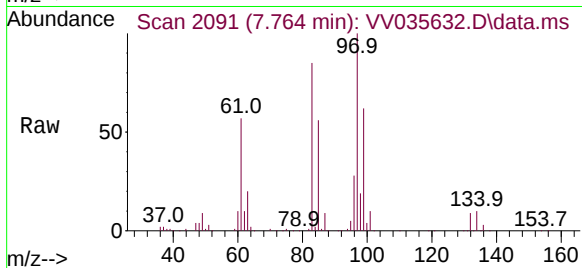




#45
1,1,2-Trichloroethane
Concen: 29.722 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

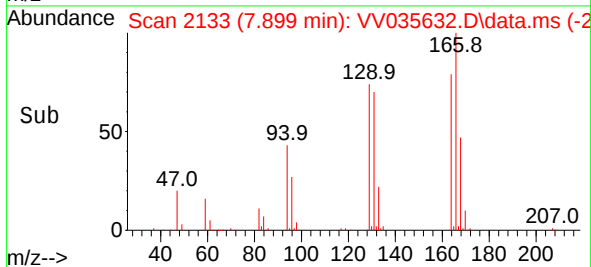
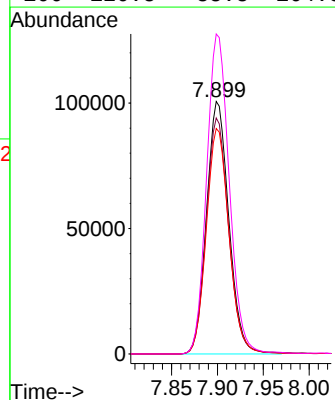
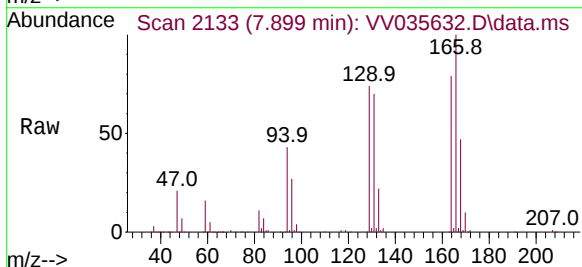
Instrument :
MSVOA_V
ClientSampleId :

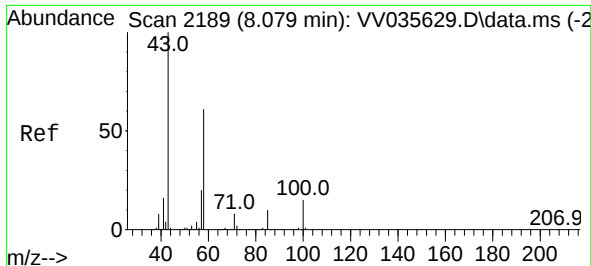
Tgt Ion:	97	Resp:	177452
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	85.0	60.3	111.9
85	55.7	38.3	71.1



#46
Tetrachloroethene
Concen: 27.640 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

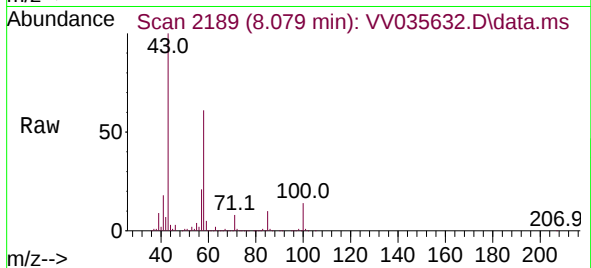
Tgt Ion:	164	Resp:	171069
Ion	Ratio	Lower	Upper
164	100		
129	93.5	63.4	117.8
131	89.3	61.0	113.4
166	126.8	88.8	164.8



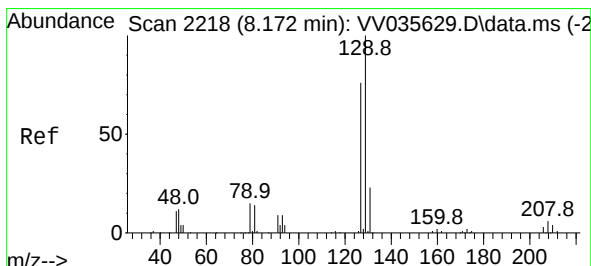
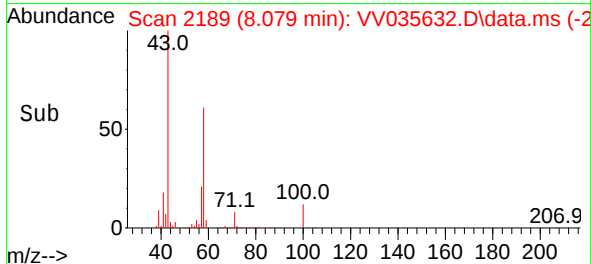
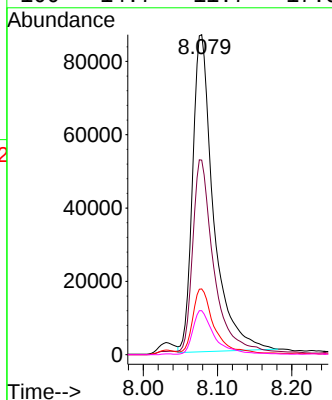


#48
2-Hexanone
Concen: 53.868 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Instrument :
MSVOA_V
ClientSampleId :

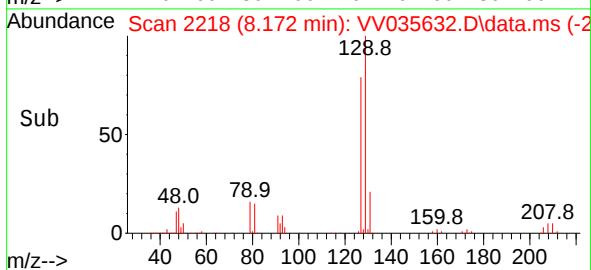
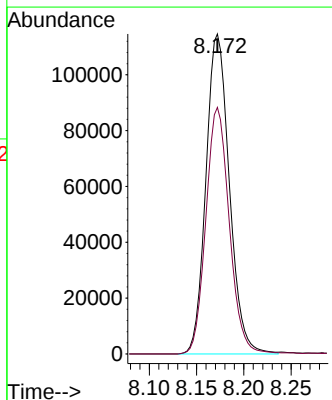
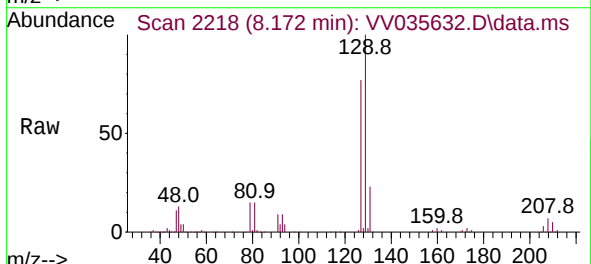


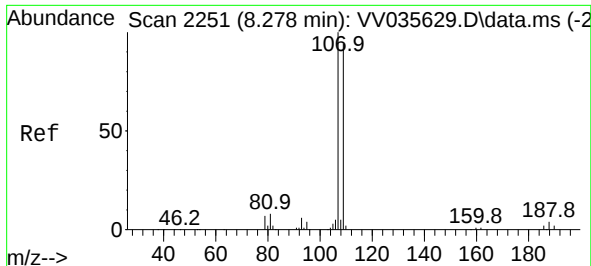
Tgt Ion: 43 Resp: 169965
Ion Ratio Lower Upper
43 100
58 61.8 48.8 73.2
57 18.8 16.9 25.3
100 14.7 11.7 17.5



#49
Dibromochloromethane
Concen: 29.346 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 129 Resp: 197699
Ion Ratio Lower Upper
129 100
127 77.0 53.8 99.8





#50

1,2-Dibromoethane

Concen: 28.391 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

ClientSampleId :

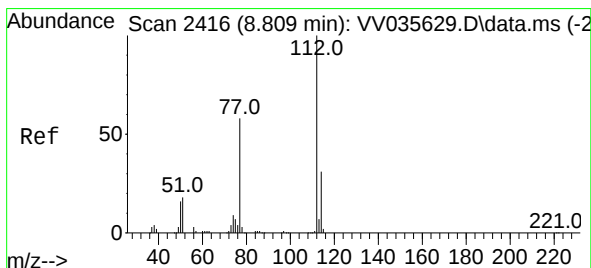
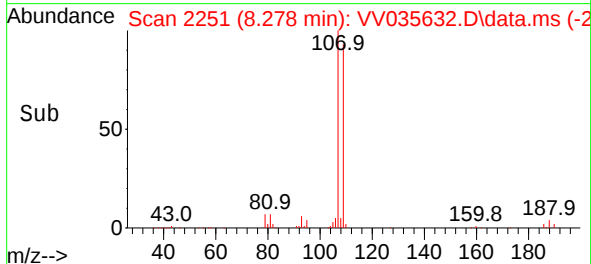
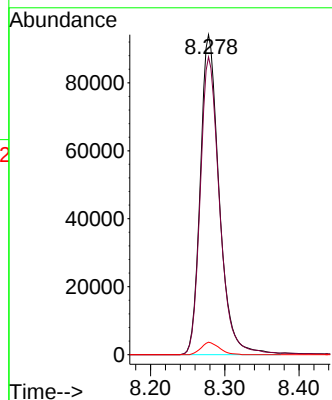
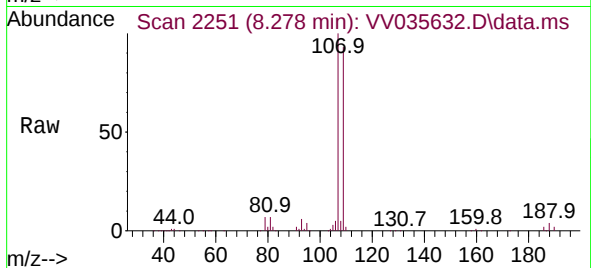
Tgt Ion:107 Resp: 166986

Ion Ratio Lower Upper

107 100

109 93.0 65.4 121.4

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 28.702 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

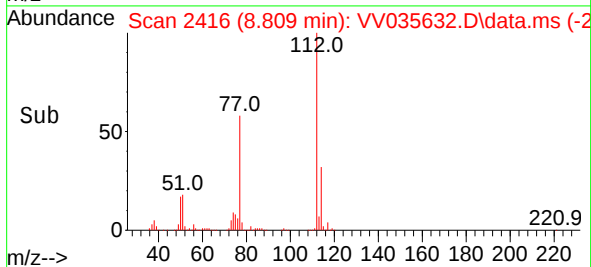
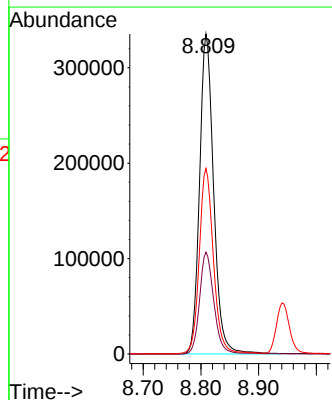
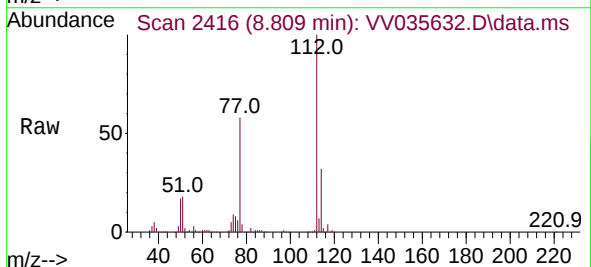
Tgt Ion:112 Resp: 567618

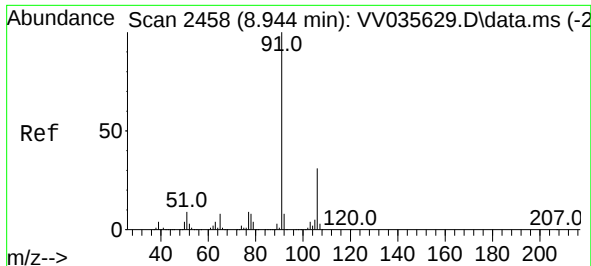
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.7

77 57.9 46.6 69.8

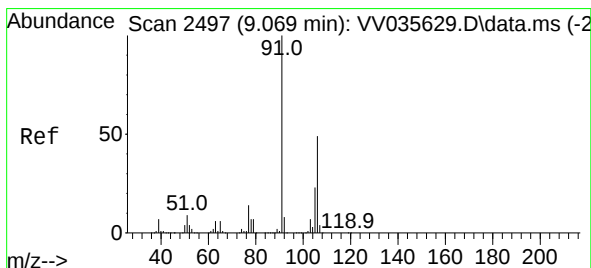
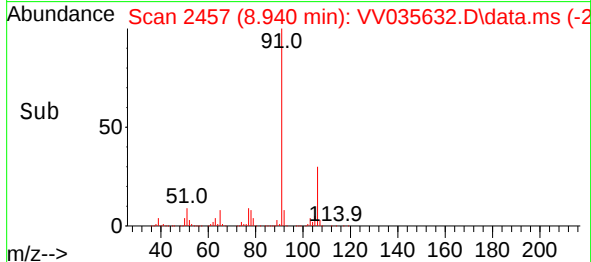
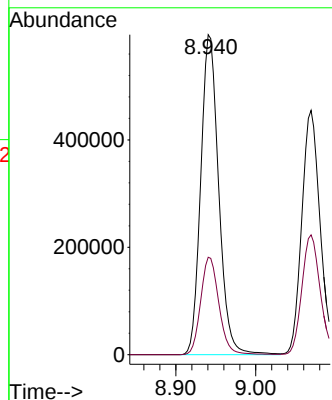
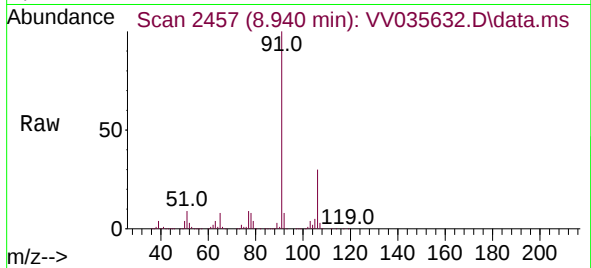




#52
Ethylbenzene
Concen: 29.667 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

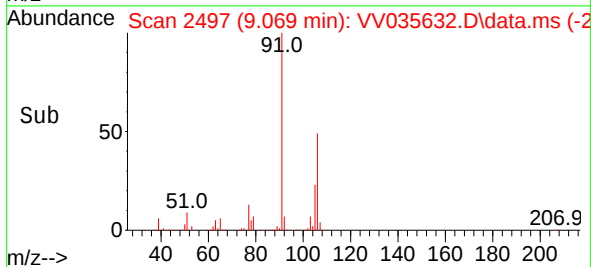
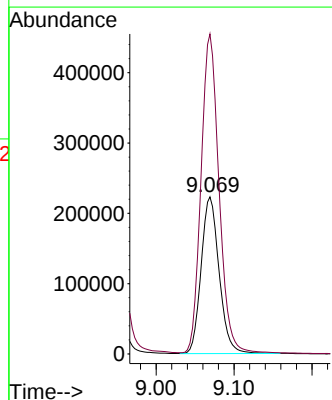
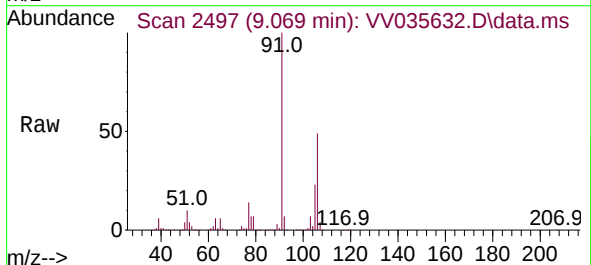
Instrument :
MSVOA_V
ClientSampleId :

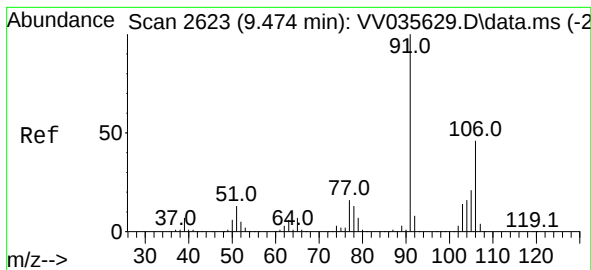
Tgt Ion: 91 Resp: 933571
Ion Ratio Lower Upper
91 100
106 30.4 21.7 40.3



#53
m,p-Xylene
Concen: 29.896 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion:106 Resp: 356928
Ion Ratio Lower Upper
106 100
91 203.8 142.7 264.9





#54

o-Xylene

Concen: 30.152 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

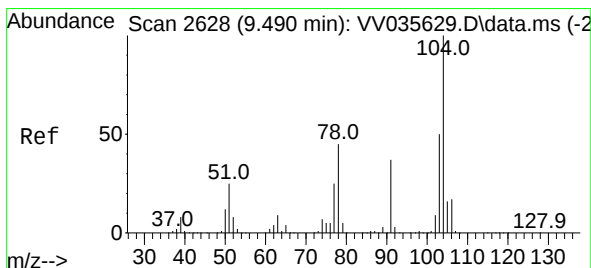
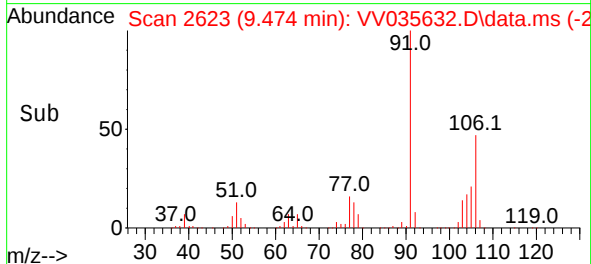
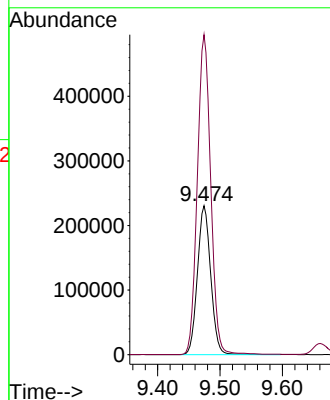
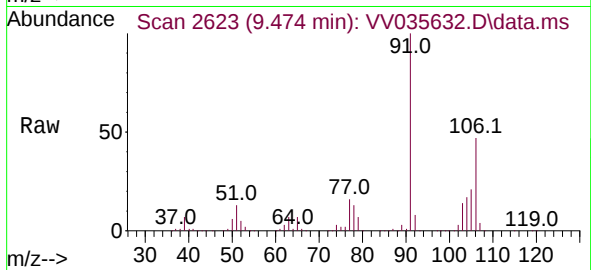
ClientSampleId :

Tgt Ion:106 Resp: 341178

Ion Ratio Lower Upper

106 100

91 214.8 150.9 280.3



#55

Styrene

Concen: 31.649 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV035632.D

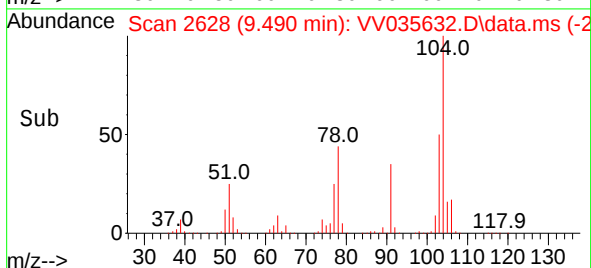
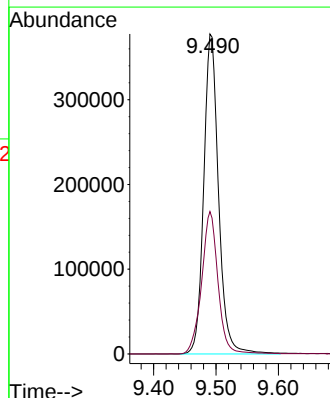
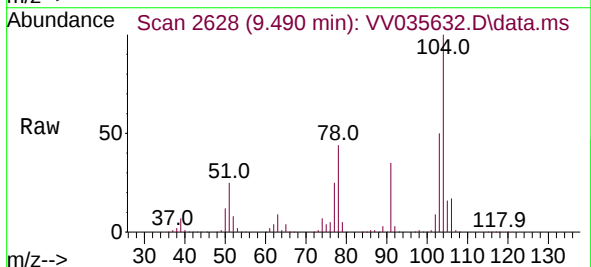
Acq: 20 May 2024 13:24

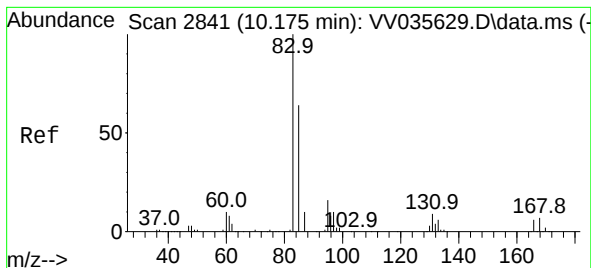
Tgt Ion:104 Resp: 624626

Ion Ratio Lower Upper

104 100

78 44.5 30.0 55.6

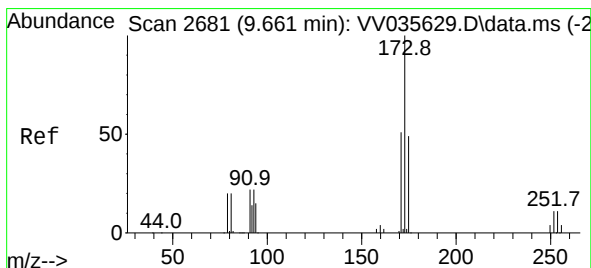
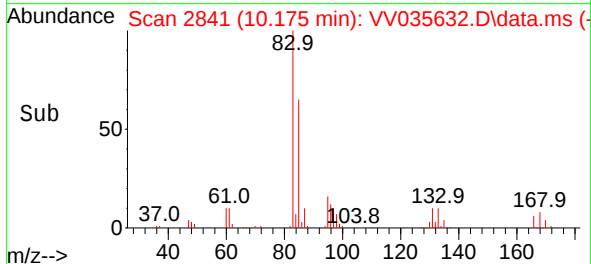
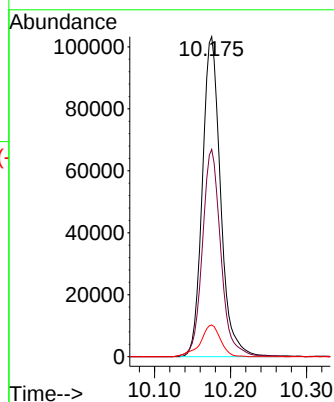
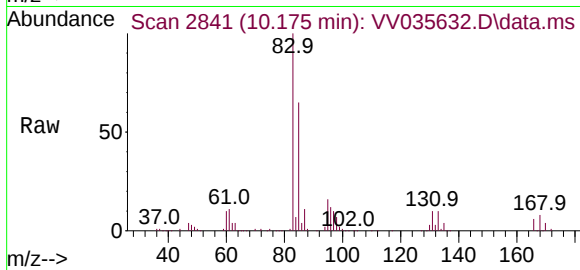




#57
1,1,2,2-Tetrachloroethane
Concen: 23.634 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

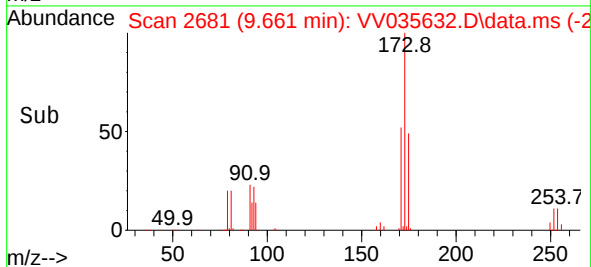
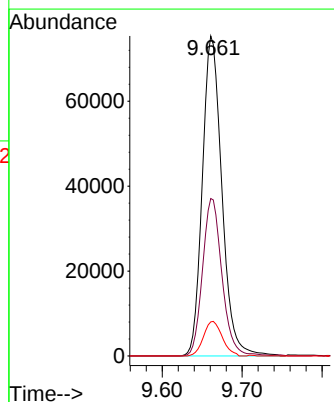
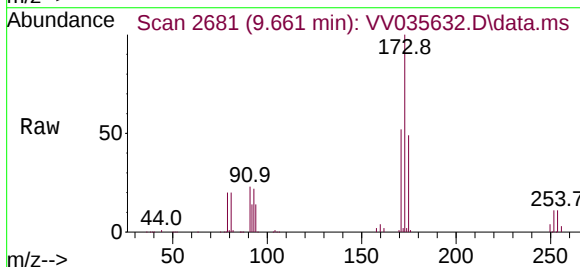
Instrument :
MSVOA_V
ClientSampleId :

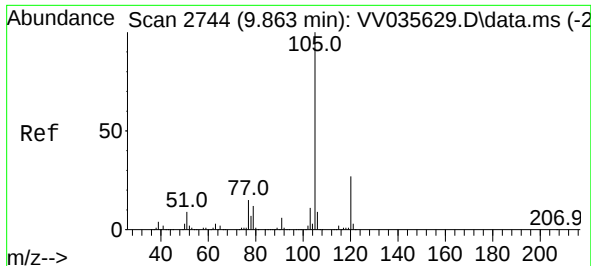
Tgt Ion: 83 Resp: 171880
Ion Ratio Lower Upper
83 100
85 64.7 44.7 83.1
131 9.9 8.0 12.0



#59
Bromoform
Concen: 27.109 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

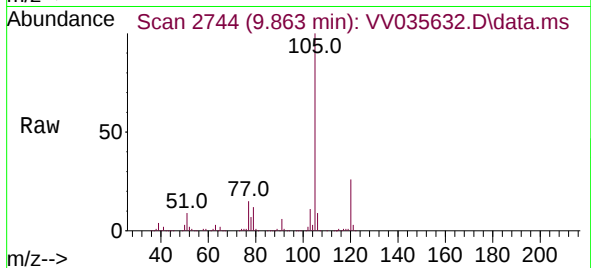
Tgt Ion: 173 Resp: 128330
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 10.4 8.3 12.5



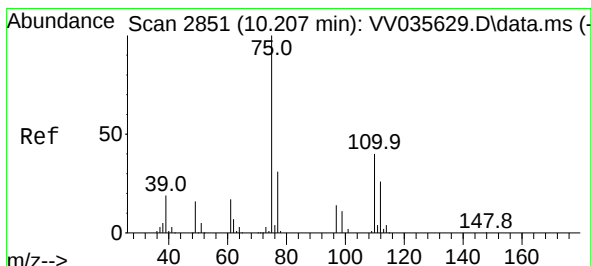
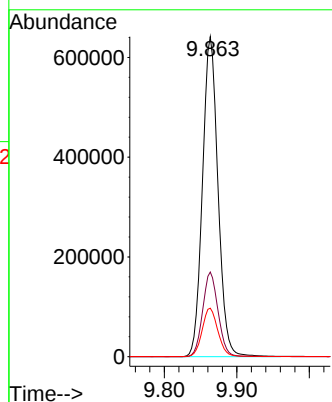
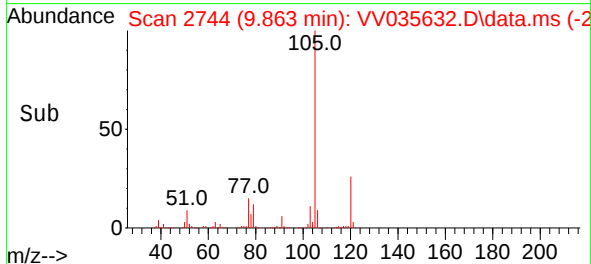


#60
Isopropylbenzene
Concen: 29.711 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

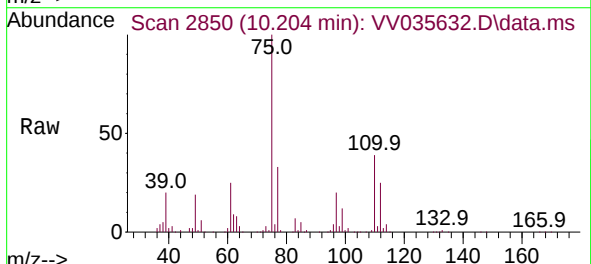
Instrument :
MSVOA_V
ClientSampleId :



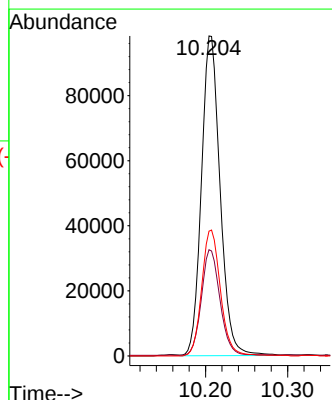
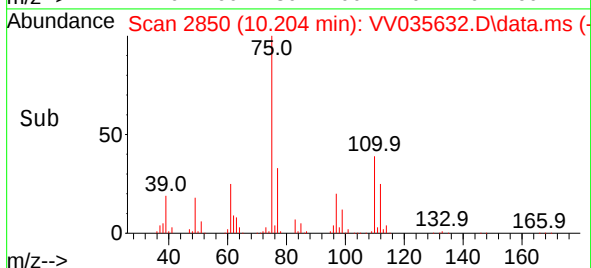
Tgt Ion:105 Resp: 953328
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 15.3 12.2 18.2

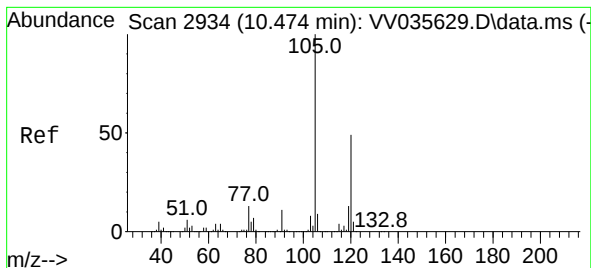


#61
1,2,3-Trichloropropane
Concen: 27.553 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24



Tgt Ion: 75 Resp: 155527
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 39.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 30.327 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

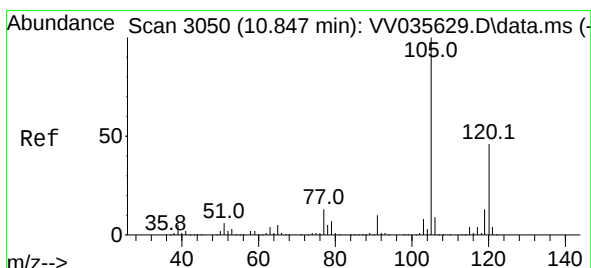
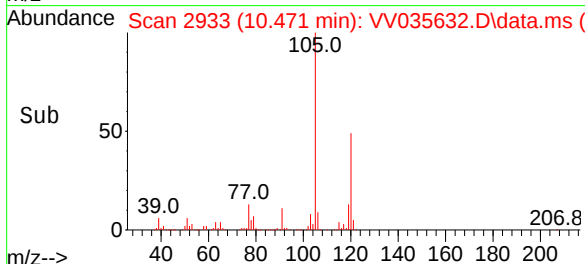
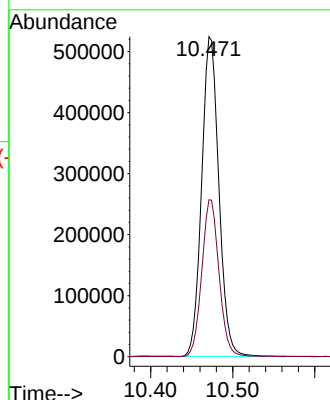
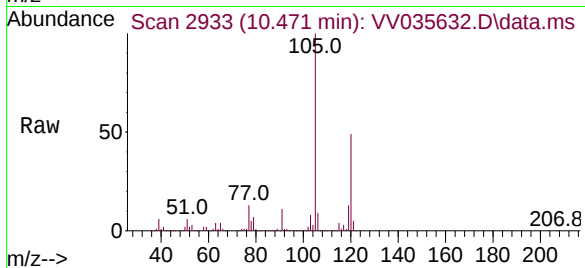
ClientSampleId :

Tgt Ion:105 Resp: 763364

Ion Ratio Lower Upper

105 100

120 49.1 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 29.762 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035632.D

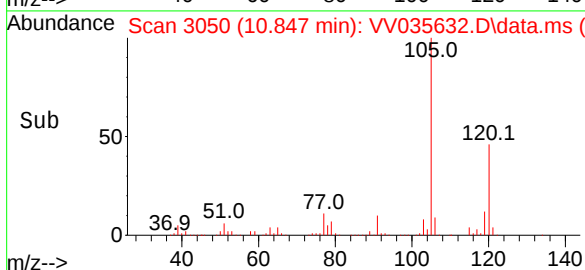
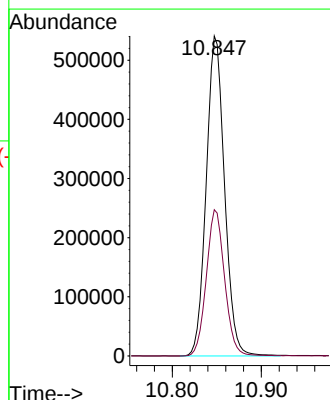
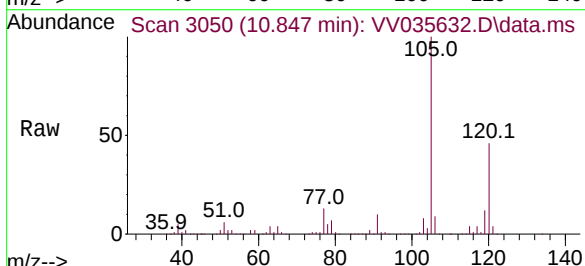
Acq: 20 May 2024 13:24

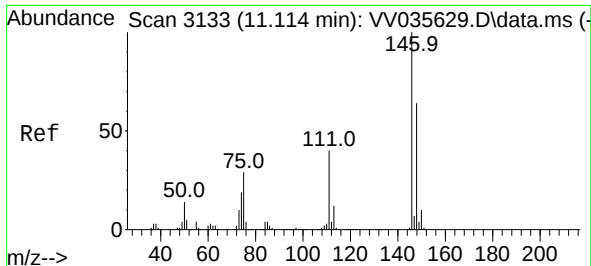
Tgt Ion:105 Resp: 769846

Ion Ratio Lower Upper

105 100

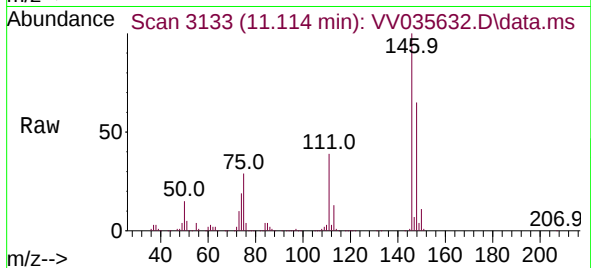
120 45.8 36.6 55.0



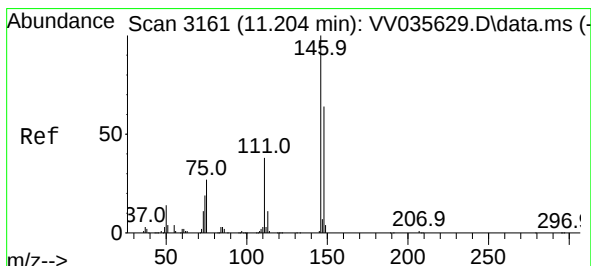
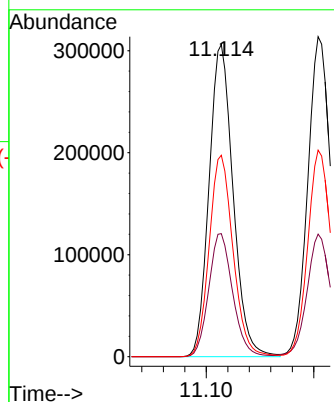
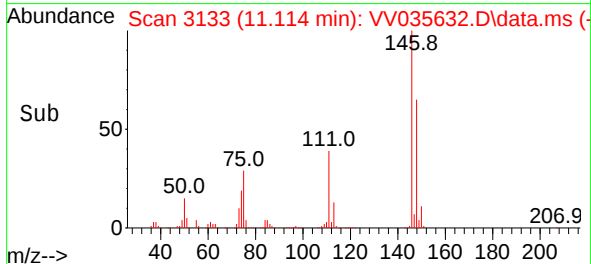


#64
1,3-Dichlorobenzene
Concen: 28.244 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

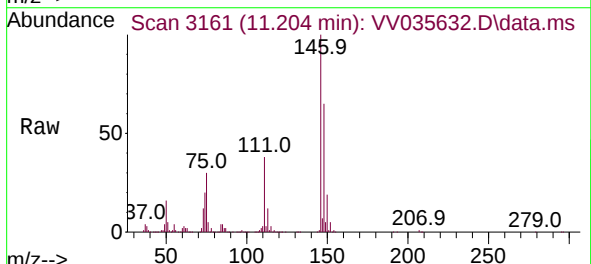
Instrument :
MSVOA_V
ClientSampleId :



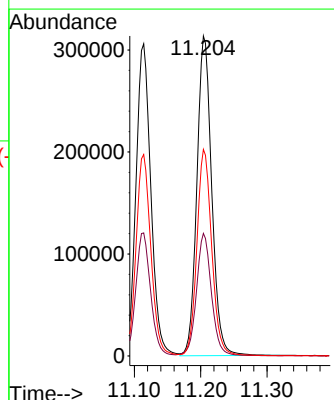
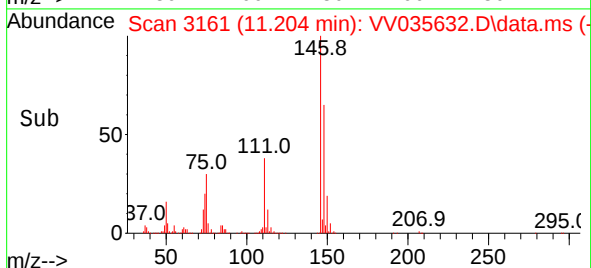
Tgt Ion:146 Resp: 475598
Ion Ratio Lower Upper
146 100
111 39.4 27.0 50.2
148 64.5 44.3 82.3

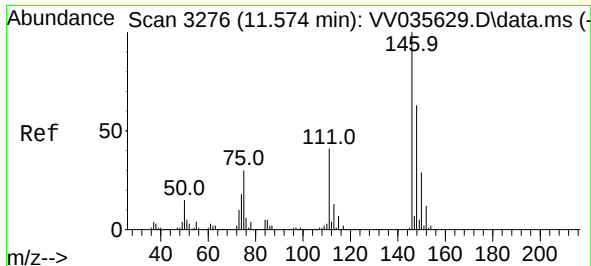


#65
1,4-Dichlorobenzene
Concen: 27.951 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24



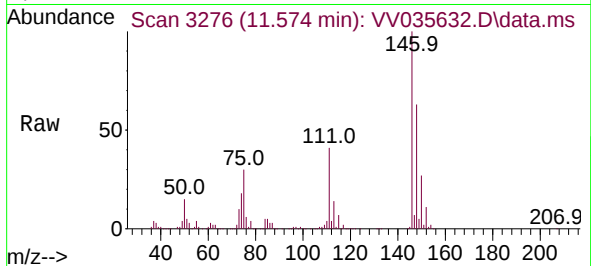
Tgt Ion:146 Resp: 487261
Ion Ratio Lower Upper
146 100
111 38.3 26.2 48.6
148 64.6 44.9 83.3



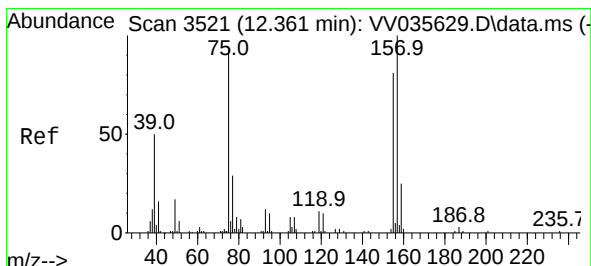
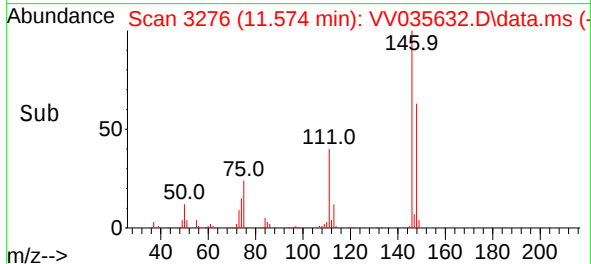
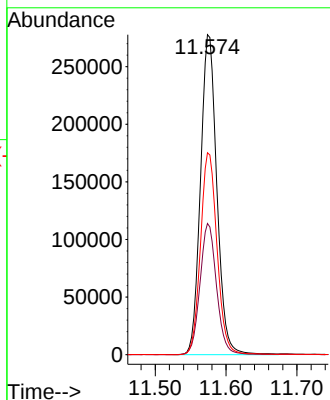


#67
1,2-Dichlorobenzene
Concen: 28.077 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Instrument :
MSVOA_V
ClientSampleId :

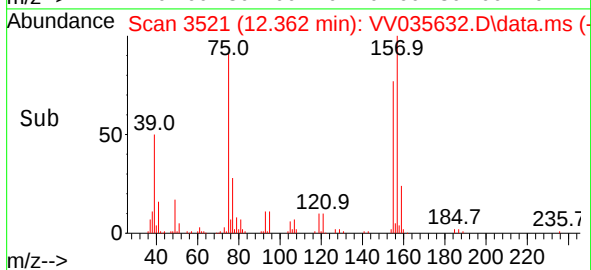
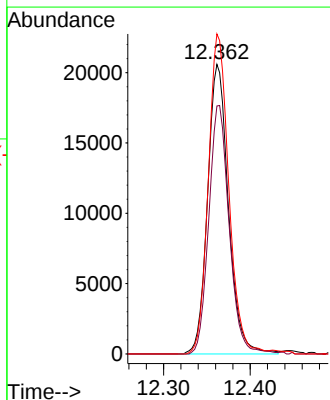
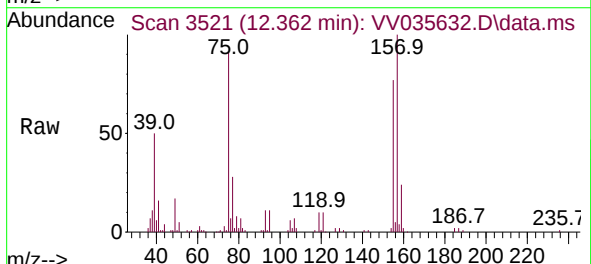


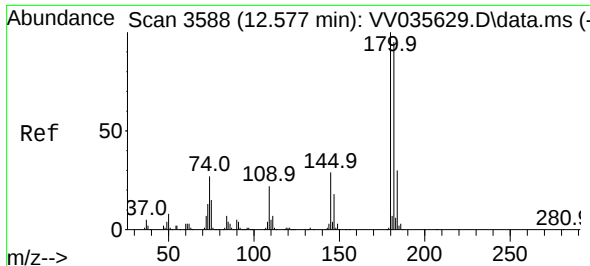
Tgt Ion:146 Resp: 445056
Ion Ratio Lower Upper
146 100
111 41.0 32.6 48.8
148 63.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 26.390 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035632.D
Acq: 20 May 2024 13:24

Tgt Ion: 75 Resp: 34548
Ion Ratio Lower Upper
75 100
155 85.6 69.8 104.6
157 110.5 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 27.566 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

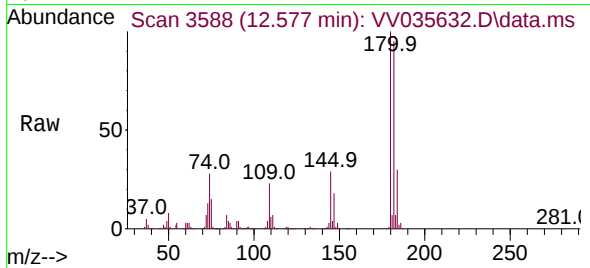
Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 362742

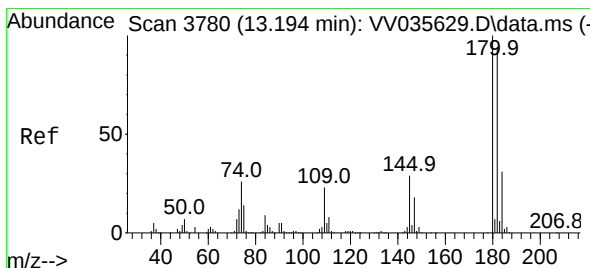
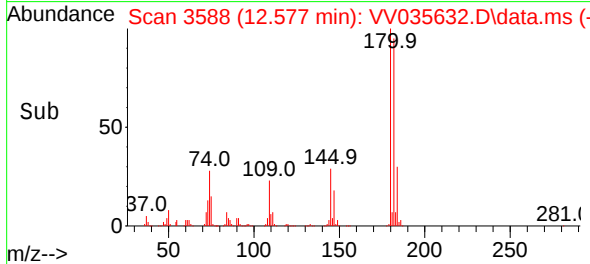
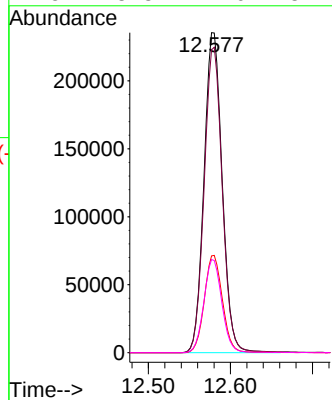
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 30.2 24.1 36.1

145 28.8 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 27.032 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

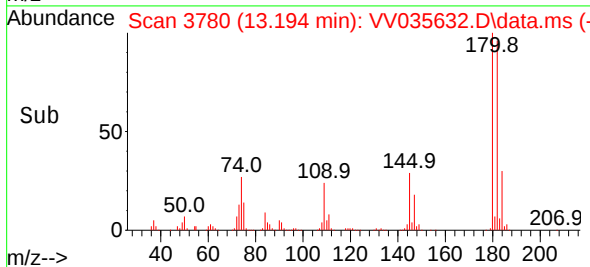
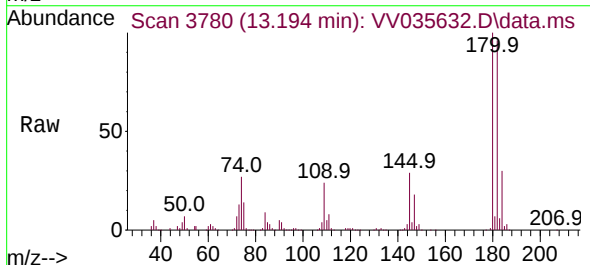
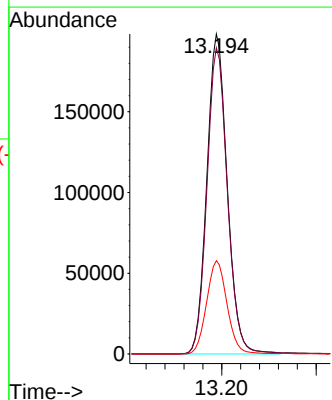
Tgt Ion:180 Resp: 297027

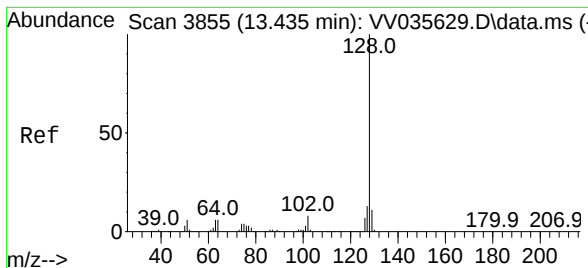
Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

145 29.2 23.2 34.8





#71

Naphthalene

Concen: 24.077 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Instrument :

MSVOA_V

ClientSampleId :

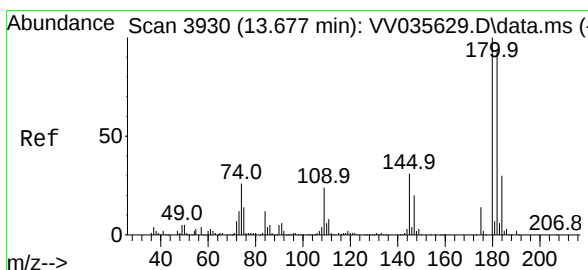
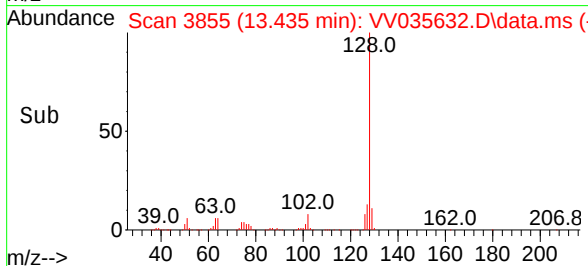
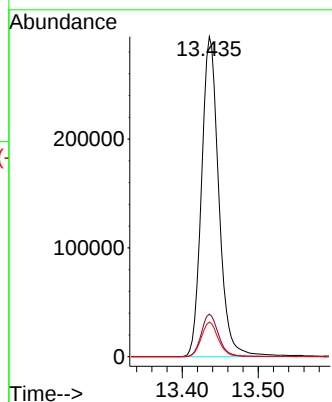
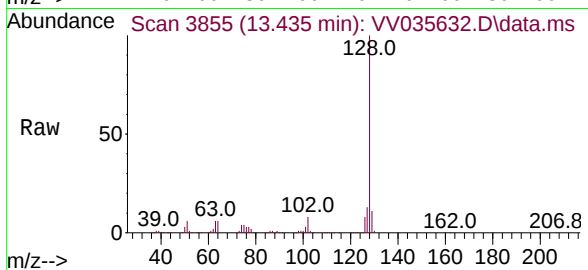
Tgt Ion:128 Resp: 464446

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 28.260 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035632.D

Acq: 20 May 2024 13:24

Tgt Ion:180 Resp: 279345

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

145 31.0 25.2 37.8

