

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035725.D
 Acq On : 24 May 2024 00:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 6.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 03:47:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	525631	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	538447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	297738	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	170011	20.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
7) Chloroethane-d5	1.526	69	144176	21.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.050	65	78858	21.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.680%
21) 2-Butanone-d5	3.847	46	85848	37.235	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.460%
24) Chloroform-d	4.243	84	360591	23.075	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	4.937	65	180897	23.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.680%
32) Benzene-d6	4.957	84	673405	22.847	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.985	67	205082	22.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	7.239	98	629646	24.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	85276	21.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.680%
47) 2-Hexanone-d5	8.030	63	61061	37.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.660%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	179156	20.440	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	226921	21.961	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	213346	19.964	ug/L	99
3) Chloromethane	1.211	50	213609	19.909	ug/L	98
5) Vinyl chloride	1.275	62	239140	21.574	ug/L	100
6) Bromomethane	1.481	94	159627	22.743	ug/L	99
8) Chloroethane	1.542	64	165508	24.222	ug/L	99
9) Trichlorofluoromethane	1.706	101	342424	23.667	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	245646	26.909	ug/L	99
12) 1,1-Dichloroethene	2.063	96	212006	25.712	ug/L	96
13) Acetone	2.388	43	97917	29.012	ug/L	71
14) Carbon disulfide	2.233	76	494676	18.941	ug/L	100
15) Methyl Acetate	2.388	43	108992	21.315	ug/L #	87
16) Methylene chloride	2.442	84	329410	27.177	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	225432	24.627	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	651281	29.496	ug/L	100
19) 1,1-Dichloroethane	3.105	63	480794	28.017	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	257644	25.964	ug/L	97
22) 2-Butanone	3.915	43	116497	37.169	ug/L	99
23) Bromochloromethane	4.143	128	136624	28.466	ug/L	98
25) Chloroform	4.269	83	515351	29.082	ug/L	98

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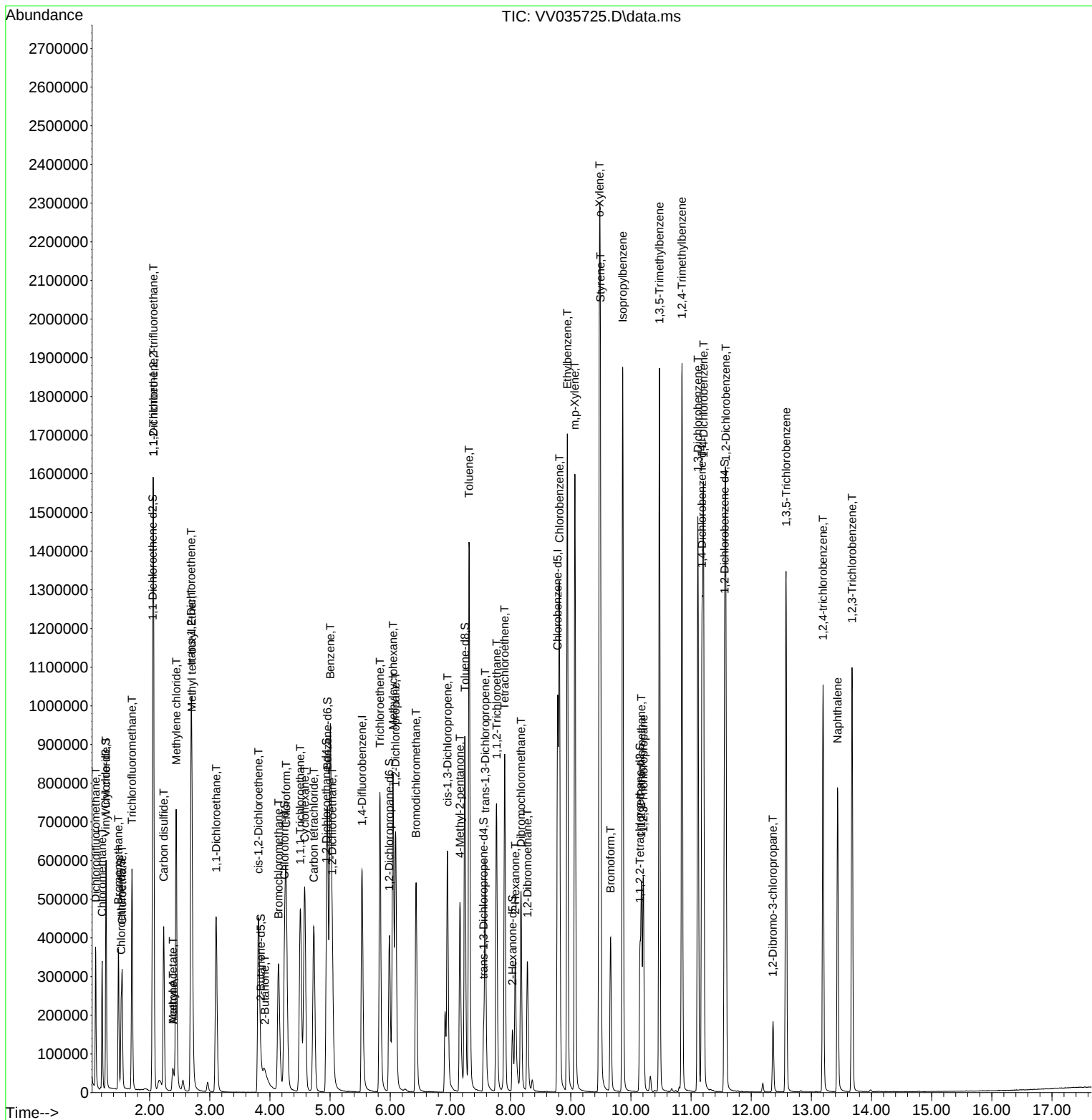
Instrument :
 MSVOA_V
 ClientSampleId :

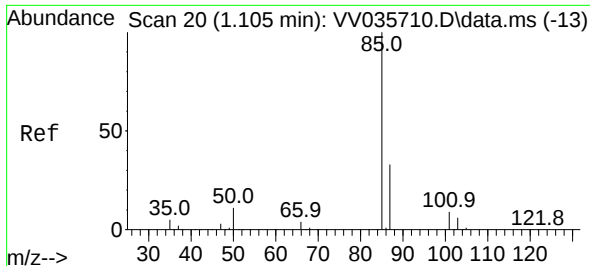
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 Quant Title : VOC Analysis
 QLast Update : Fri May 24 03:15:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	328399	29.761	ug/L	99
29) Cyclohexane	4.577	56	280900	21.816	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	406736	27.243	ug/L	99
31) Carbon tetrachloride	4.728	117	340493	25.993	ug/L	100
33) Benzene	5.005	78	991745	27.830	ug/L	100
34) Trichloroethene	5.828	95	283915	28.165	ug/L	99
35) Methylcyclohexane	6.047	83	345069	22.548	ug/L	98
37) 1,2-Dichloropropane	6.088	63	279895	30.104	ug/L	98
38) Bromodichloromethane	6.429	83	380733	30.228	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	398964	27.435	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	335774	60.301	ug/L	100
42) Toluene	7.310	91	1073400	28.462	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	365405	28.724	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	243051	30.766	ug/L	99
46) Tetrachloroethene	7.902	164	200504	24.483	ug/L	99
48) 2-Hexanone	8.079	43	225762	54.075	ug/L	99
49) Dibromochloromethane	8.175	129	272854	30.610	ug/L	99
50) 1,2-Dibromoethane	8.281	107	231552	29.753	ug/L	99
51) Chlorobenzene	8.812	112	722565	27.612	ug/L	99
52) Ethylbenzene	8.944	91	1161662	27.898	ug/L	100
53) m,p-Xylene	9.069	106	440128	27.860	ug/L	99
54) o-Xylene	9.477	106	429830	28.708	ug/L	99
55) Styrene	9.493	104	812100	31.097	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	261212	27.144	ug/L	100
59) Bromoform	9.664	173	185040	31.624	ug/L	100
60) Isopropylbenzene	9.863	105	1165010	29.374	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	223993	32.105	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	944843	30.368	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	960615	30.045	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	600594	28.855	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	621278	28.833	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	582927	29.752	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	48680	30.084	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	428748	26.360	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	331871	24.436	ug/L	100
71) Naphthalene	13.435	128	614486	25.772	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	330975	27.089	ug/L	99

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

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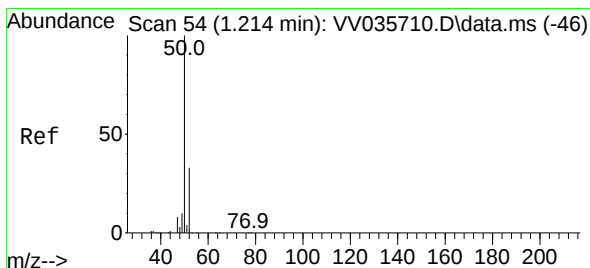
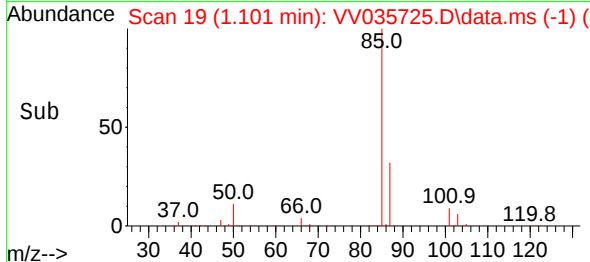
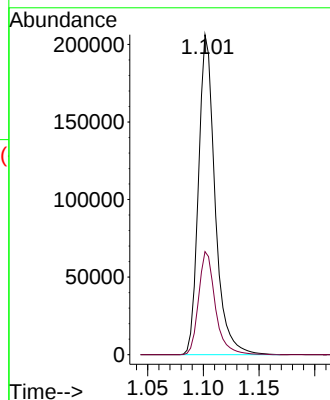
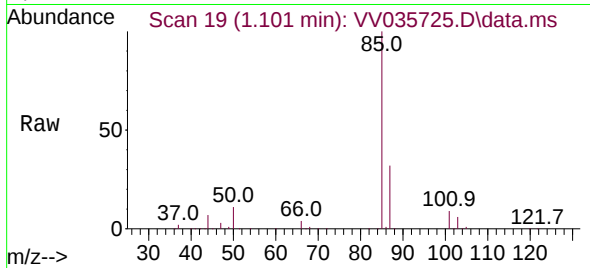




#2
 Dichlorodifluoromethane
 Concen: 19.964 ug/L
 RT: 1.101 min Scan# 10
 Delta R.T. -0.003 min
 Lab File: VV035725.D
 Acq: 24 May 2024 00:07

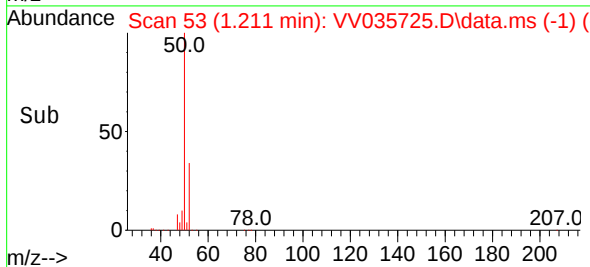
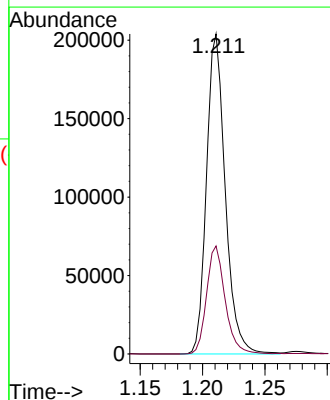
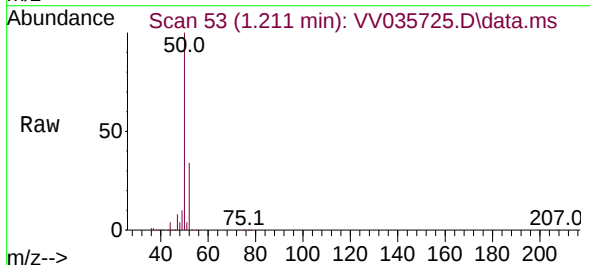
Instrument :
 MSVOA_V
 ClientSampleId :

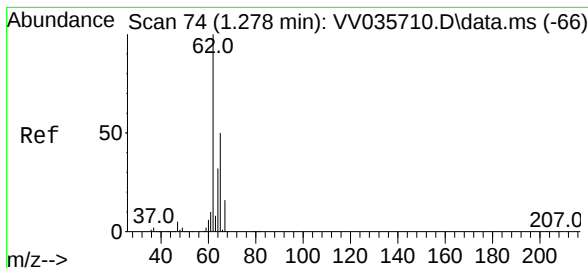
Tgt Ion: 85 Resp: 213346
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 19.909 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV035725.D
 Acq: 24 May 2024 00:07

Tgt Ion: 50 Resp: 213609
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.7 42.1





#5

Vinyl chloride

Concen: 21.574 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

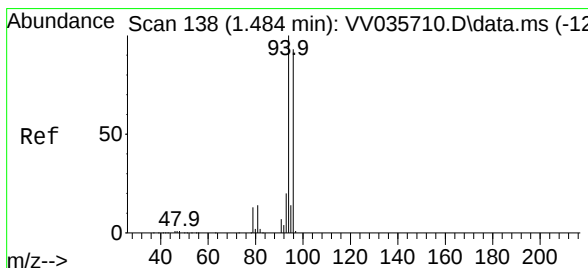
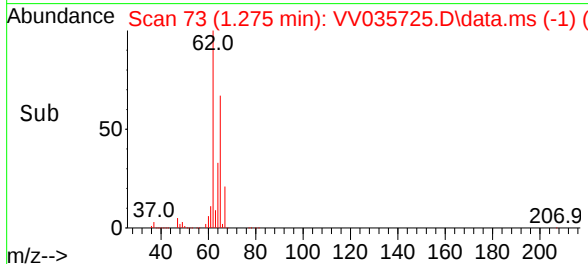
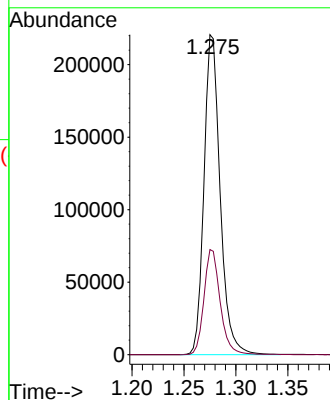
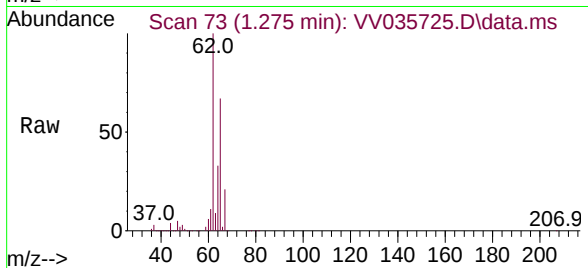
ClientSampleId :

Tgt Ion: 62 Resp: 239140

Ion Ratio Lower Upper

62 100

64 32.9 23.0 42.6



#6

Bromomethane

Concen: 22.743 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV035725.D

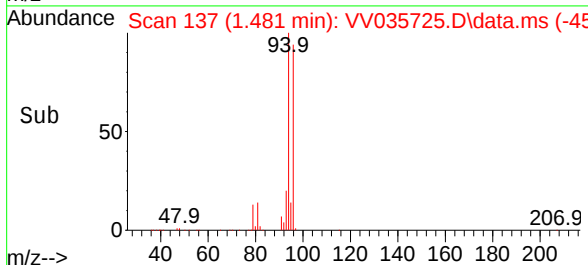
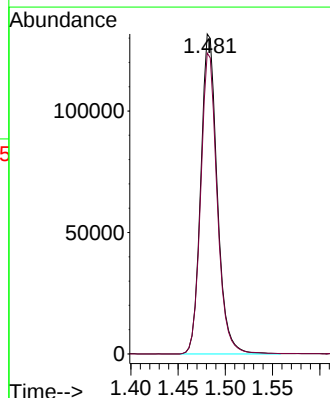
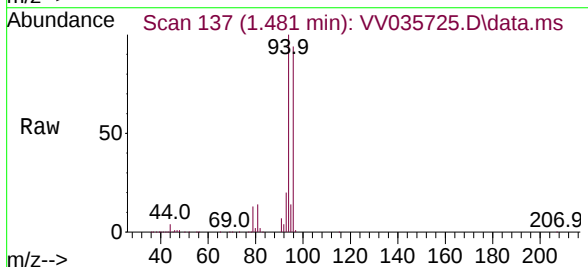
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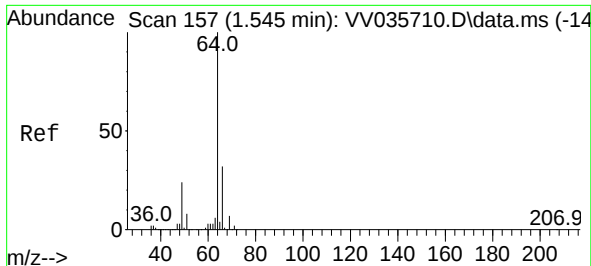
Tgt Ion: 94 Resp: 159627

Ion Ratio Lower Upper

94 100

96 94.1 65.2 121.0

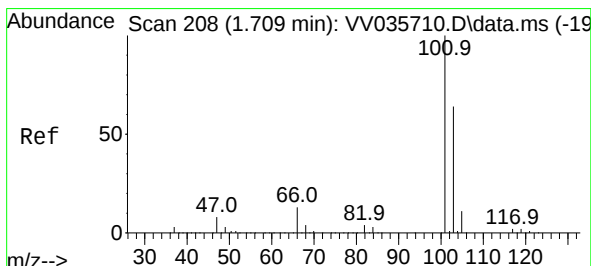
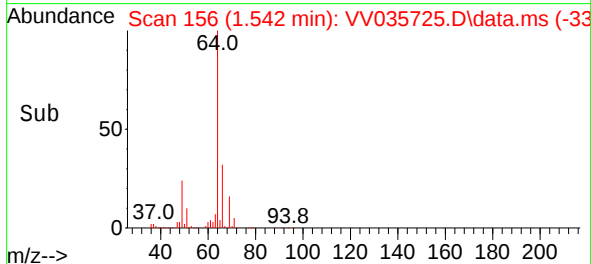
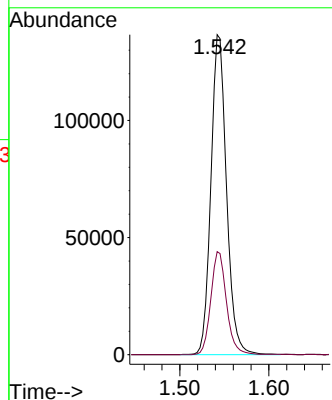
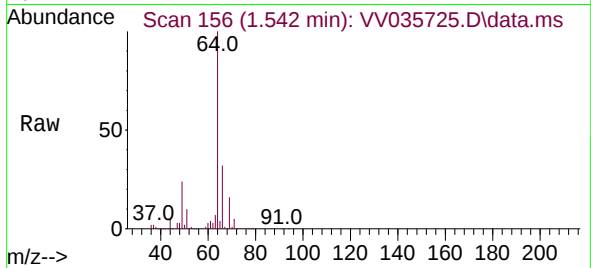




#8
Chloroethane
Concen: 24.222 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

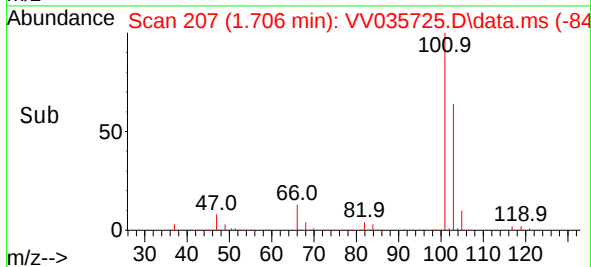
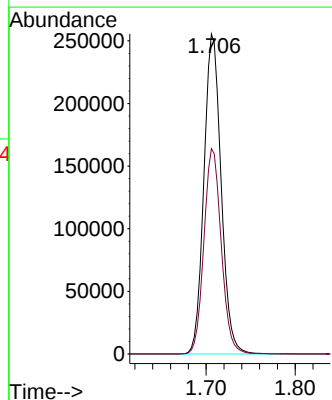
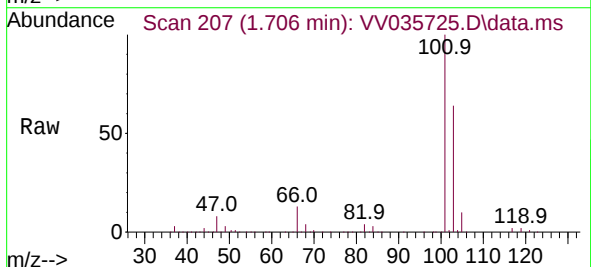
Instrument :
MSVOA_V
ClientSampleId :

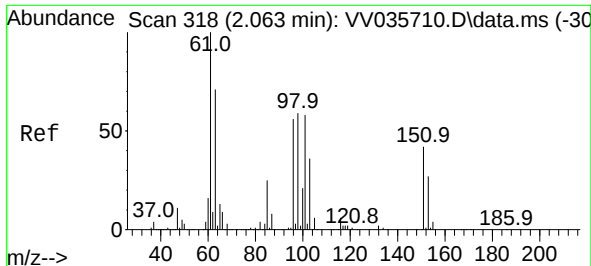
Tgt Ion: 64 Resp: 165508
Ion Ratio Lower Upper
64 100
66 32.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.667 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion:101 Resp: 342424
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3





#10

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

Concen: 26.909 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

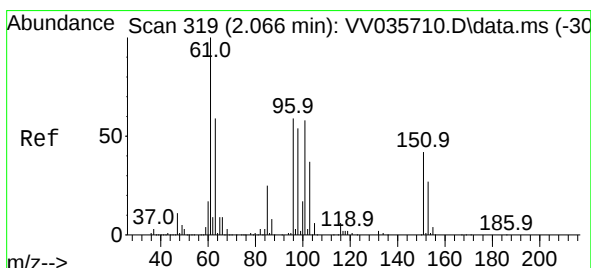
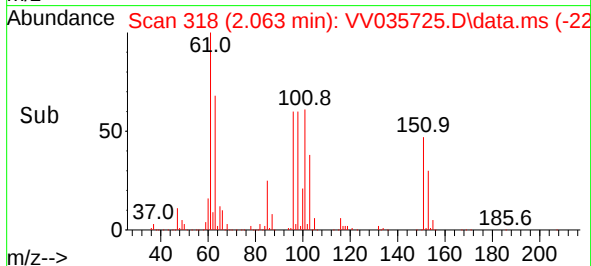
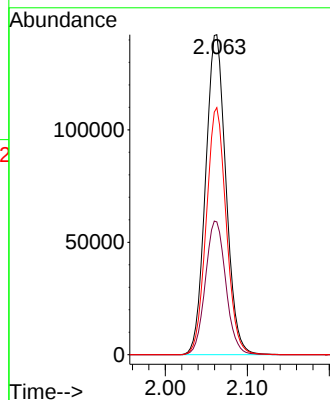
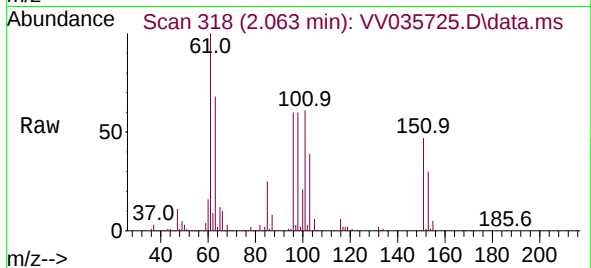
Tgt Ion:101 Resp: 245646

Ion Ratio Lower Upper

101 100

85 42.0 34.2 51.4

151 75.6 59.5 89.3



#12

1,1-Dichloroethene

Concen: 25.712 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

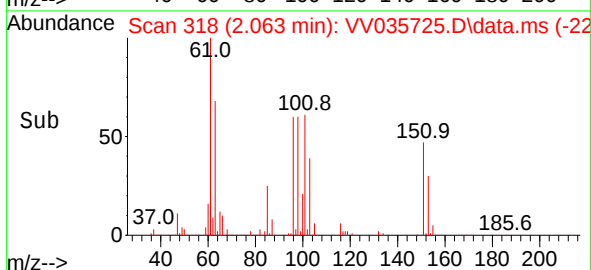
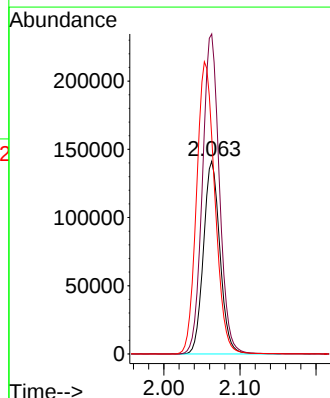
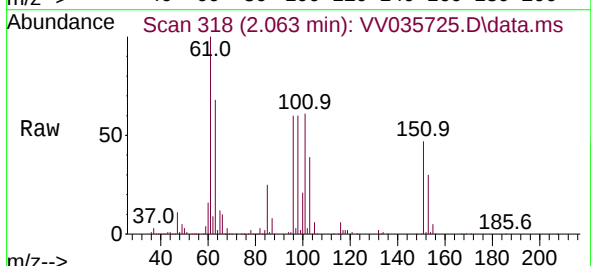
Tgt Ion: 96 Resp: 212006

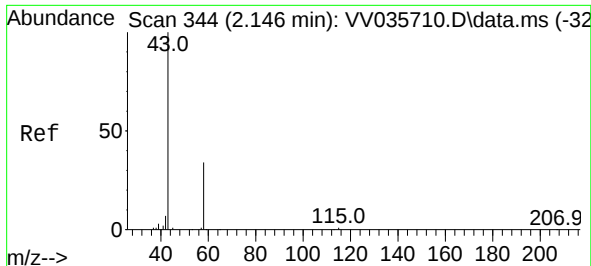
Ion Ratio Lower Upper

96 100

61 166.1 119.8 222.4

63 112.9 75.6 140.4





#13

Acetone

Concen: 29.012 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.241 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

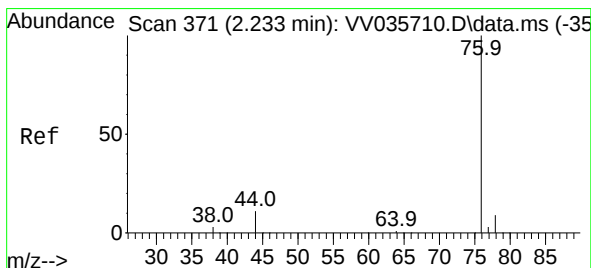
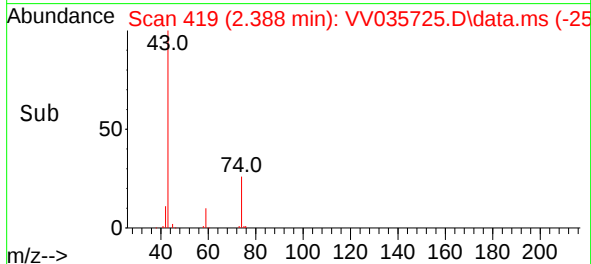
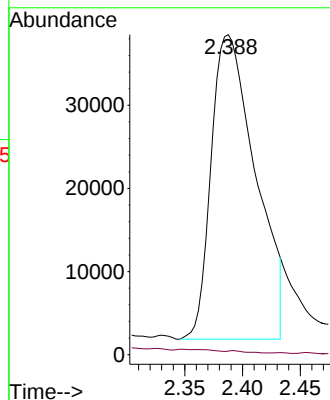
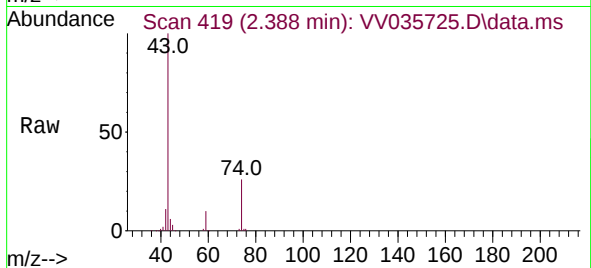
ClientSampleId :

Tgt Ion: 43 Resp: 97917

Ion Ratio Lower Upper

43 100

58 0.1 0.0 22.8



#14

Carbon disulfide

Concen: 18.941 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV035725.D

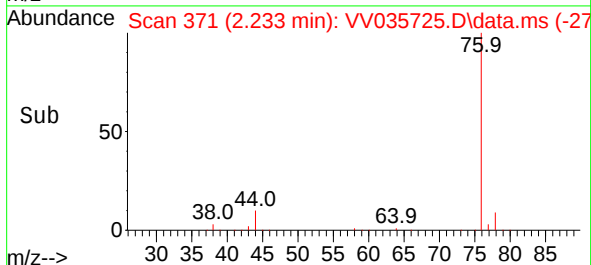
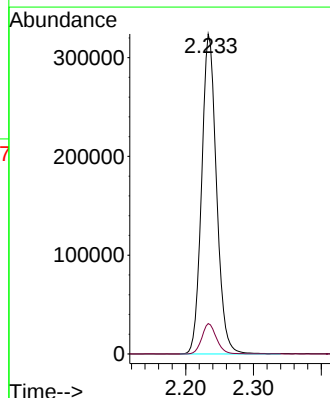
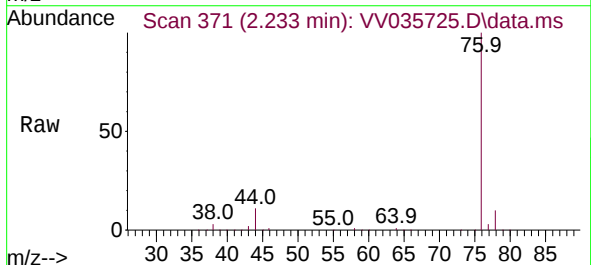
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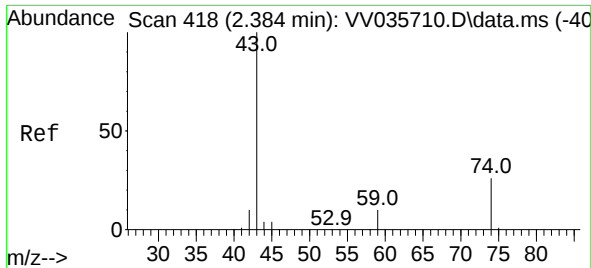
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Ion Ratio Lower Upper

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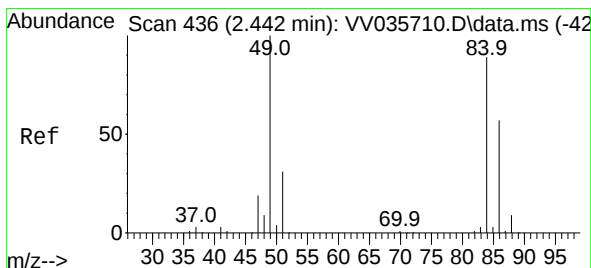
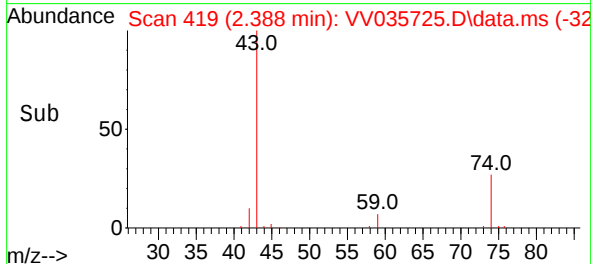
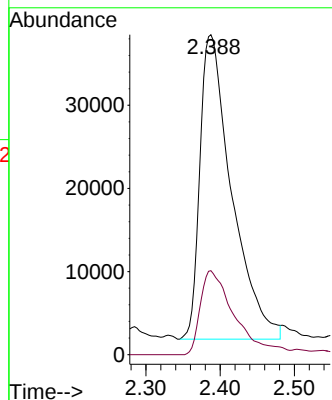
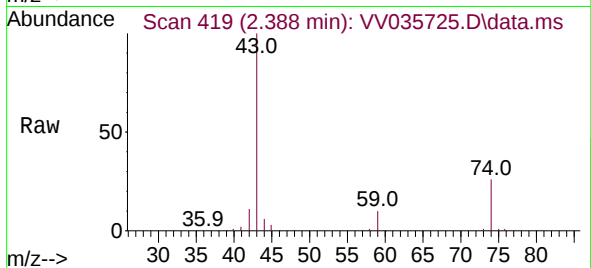




#15
Methyl Acetate
Concen: 21.315 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

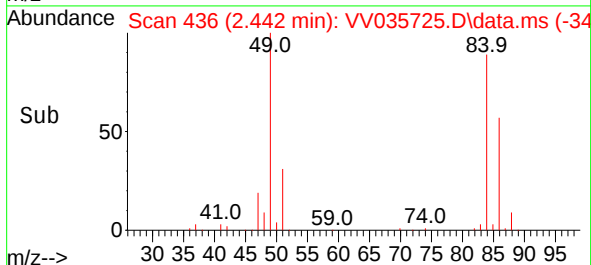
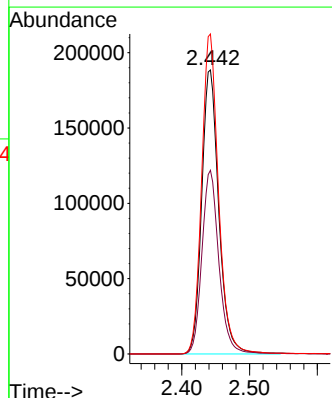
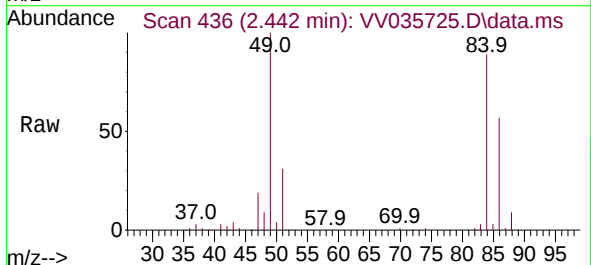
Instrument :
MSVOA_V
ClientSampleId :

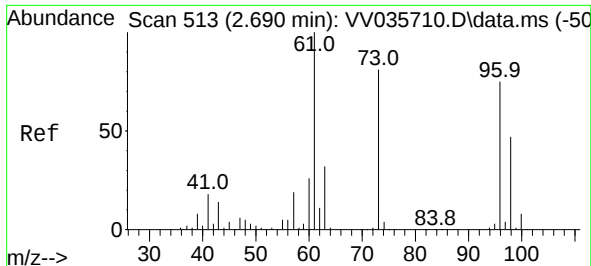
Tgt Ion: 43 Resp: 108992
Ion Ratio Lower Upper
43 100
74 29.7 18.6 27.8#



#16
Methylene chloride
Concen: 27.177 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion: 84 Resp: 329410
Ion Ratio Lower Upper
84 100
86 64.7 43.8 81.3
49 112.7 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 24.627 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

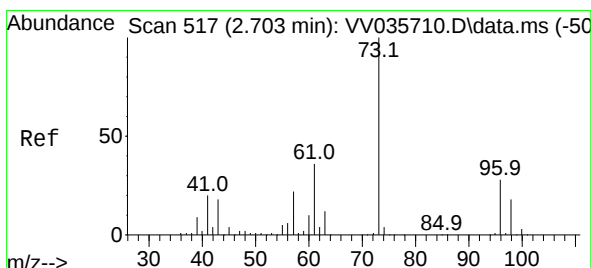
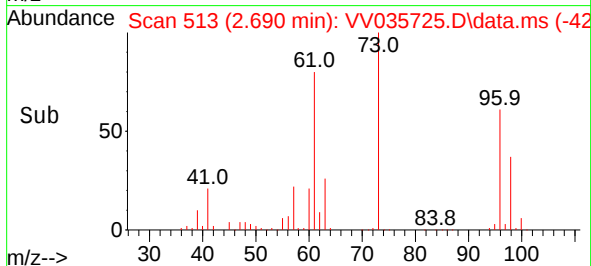
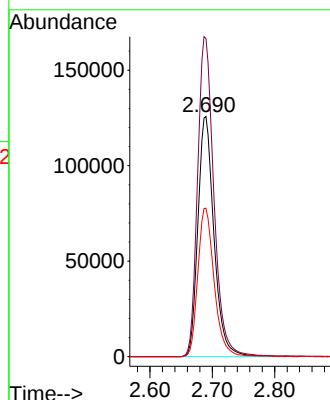
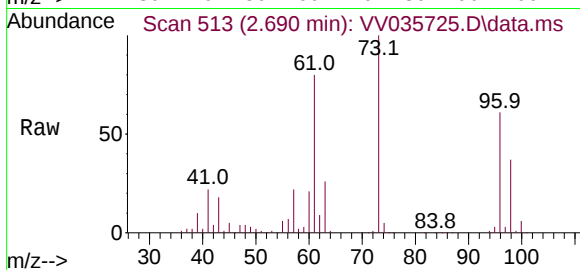
Tgt Ion: 96 Resp: 225432

Ion Ratio Lower Upper

96 100

61 132.5 95.5 177.4

98 61.8 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 29.496 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

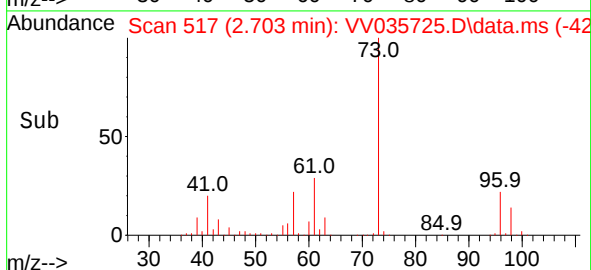
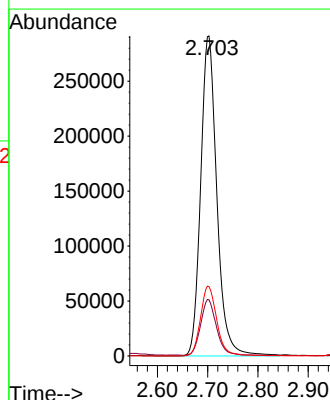
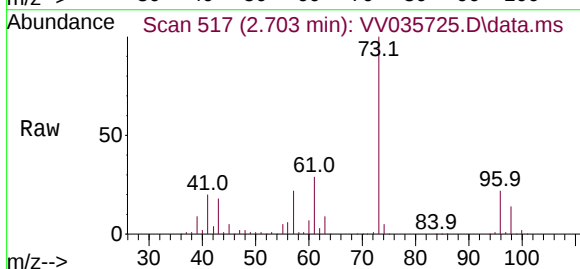
Tgt Ion: 73 Resp: 651281

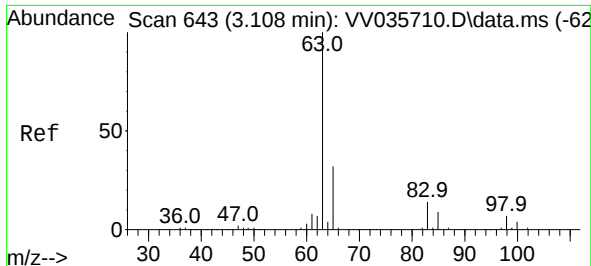
Ion Ratio Lower Upper

73 100

43 17.0 13.3 19.9

57 21.8 17.4 26.2





#19

1,1-Dichloroethane

Concen: 28.017 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

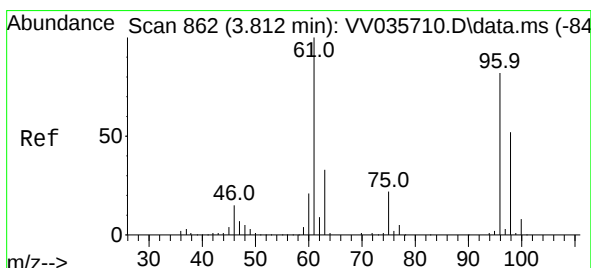
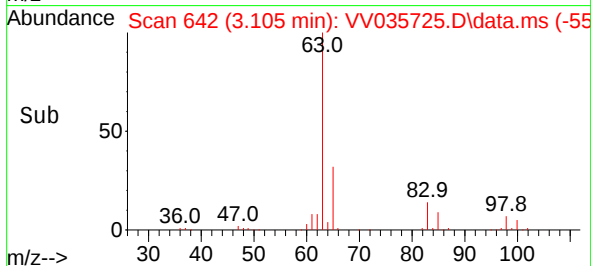
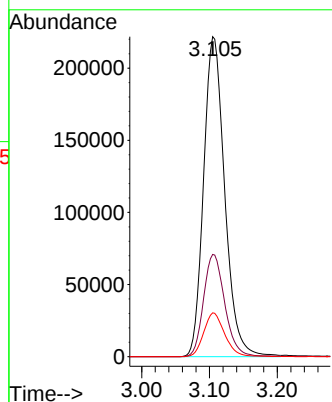
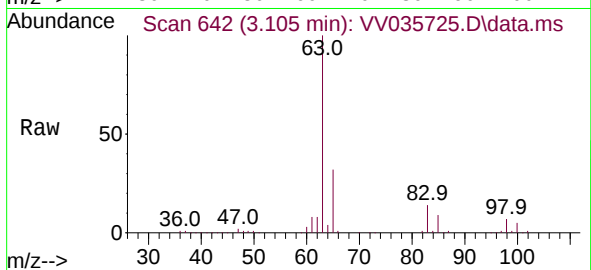
Tgt Ion: 63 Resp: 480794

Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.3

83 13.7 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 25.964 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

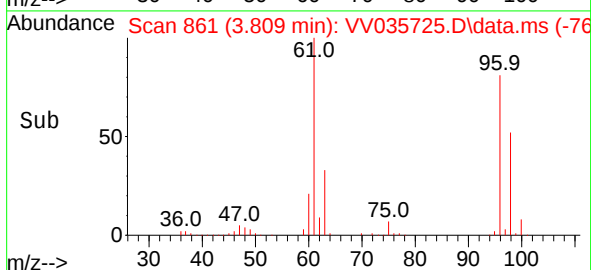
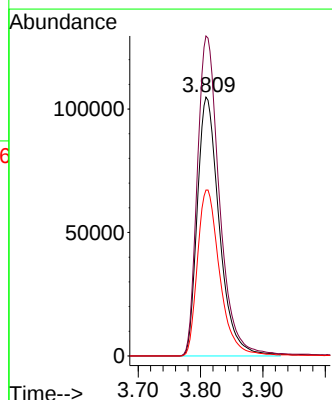
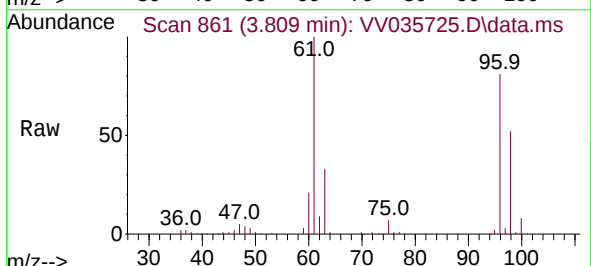
Tgt Ion: 96 Resp: 257644

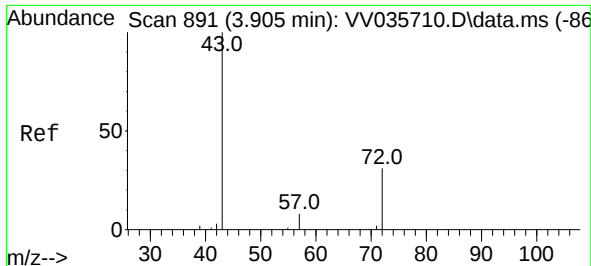
Ion Ratio Lower Upper

96 100

61 123.6 83.9 155.9

98 64.1 44.0 81.8





#22

2-Butanone

Concen: 37.169 ug/L

RT: 3.915 min Scan# 891

Delta R.T. 0.010 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

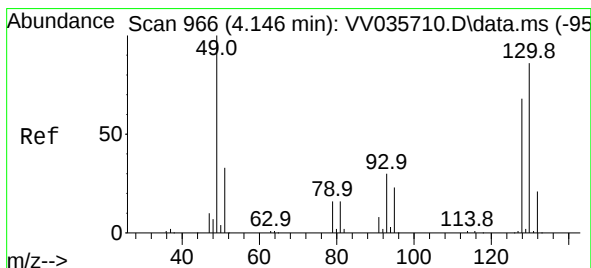
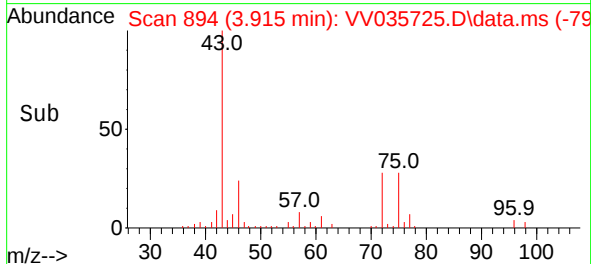
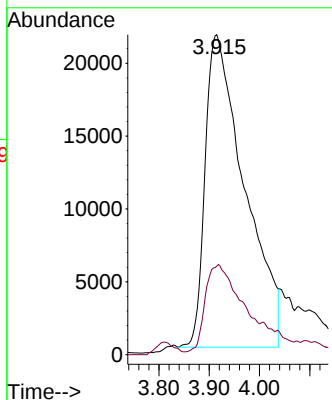
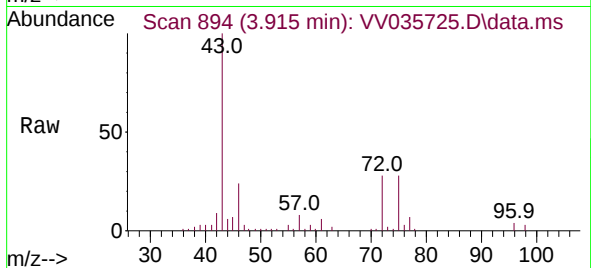
ClientSampleId :

Tgt Ion: 43 Resp: 116497

Ion Ratio Lower Upper

43 100

72 25.3 12.3 36.9



#23

Bromochloromethane

Concen: 28.466 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Tgt Ion:128 Resp: 136624

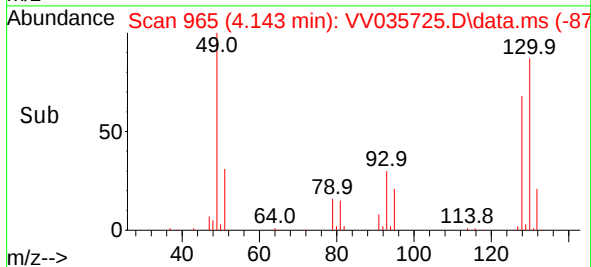
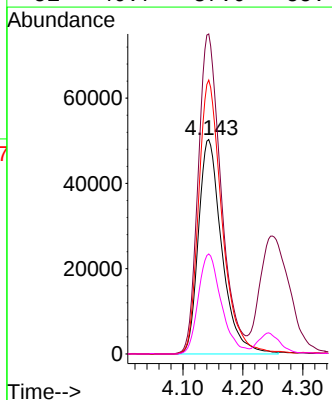
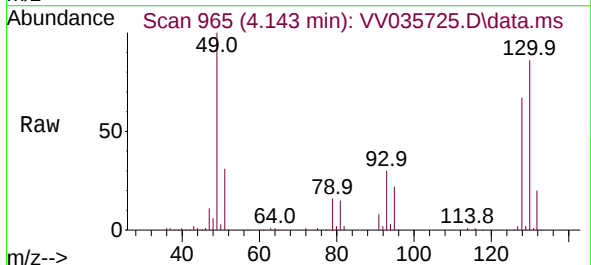
Ion Ratio Lower Upper

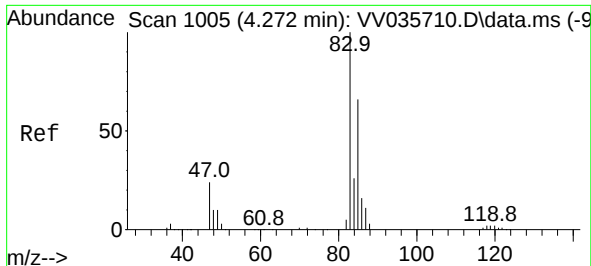
128 100

49 149.3 103.1 191.5

130 127.8 91.8 170.4

51 46.7 37.0 55.4





#25

Chloroform

Concen: 29.082 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

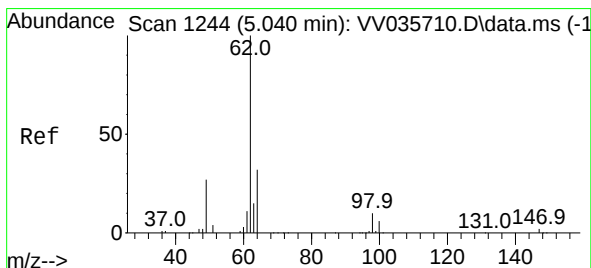
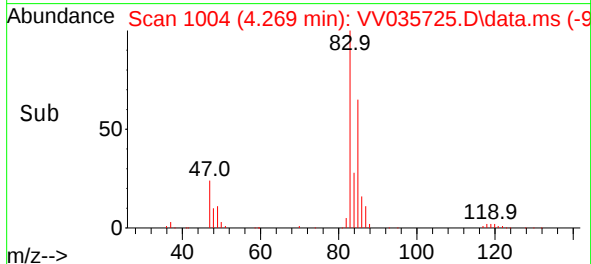
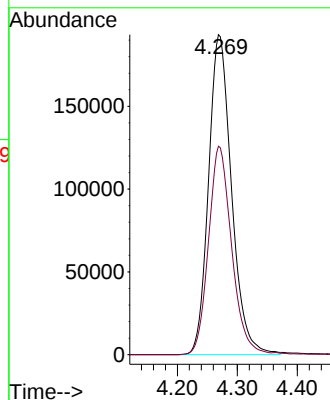
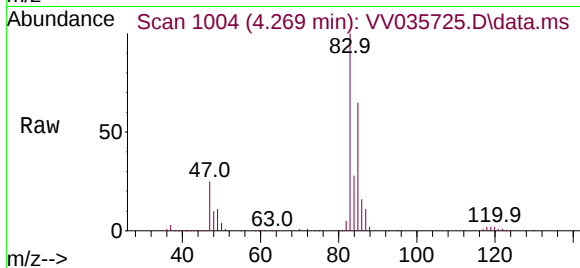
ClientSampleId :

Tgt Ion: 83 Resp: 515351

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 29.761 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV035725.D

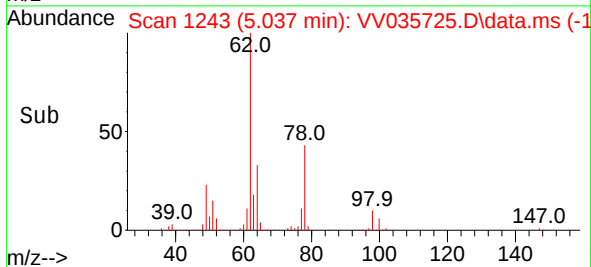
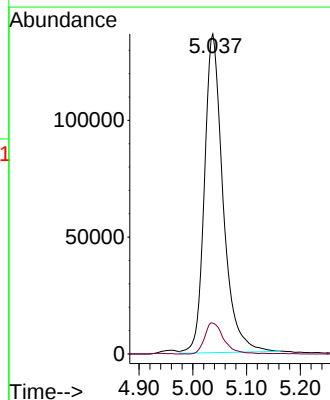
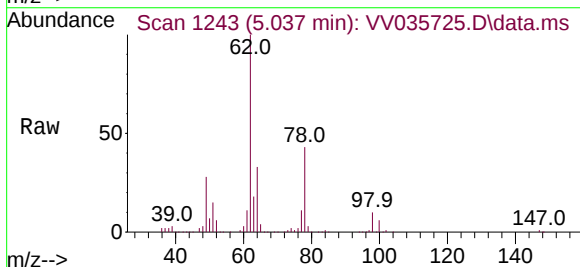
Acq: 24 May 2024 00:07

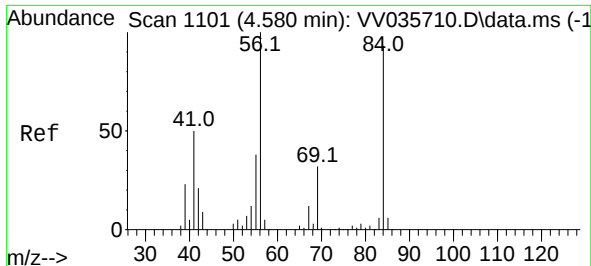
Tgt Ion: 62 Resp: 328399

Ion Ratio Lower Upper

62 100

98 9.7 8.2 12.2





#29

Cyclohexane

Concen: 21.816 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

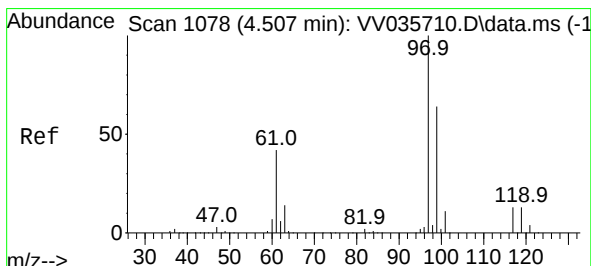
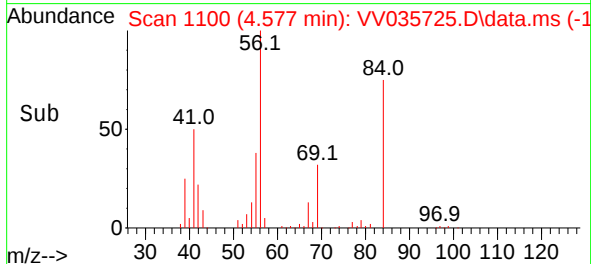
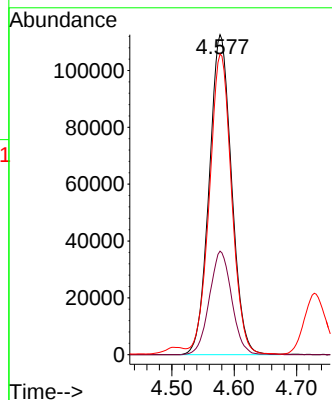
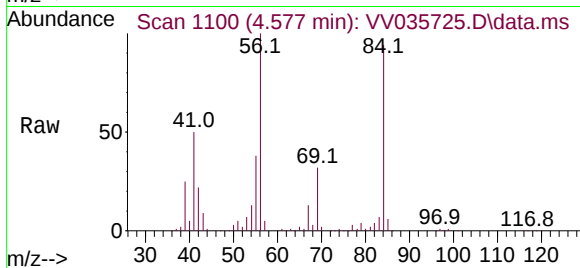
Tgt Ion: 56 Resp: 280900

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 93.1 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 27.243 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

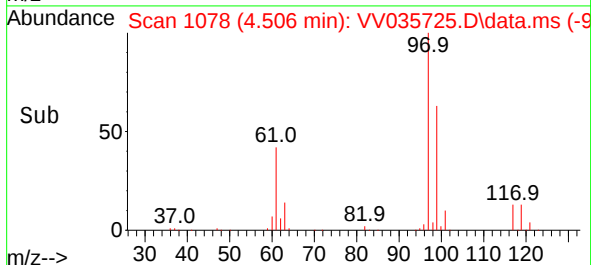
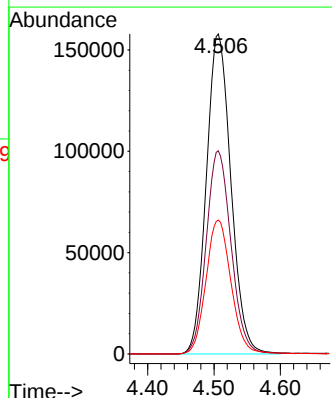
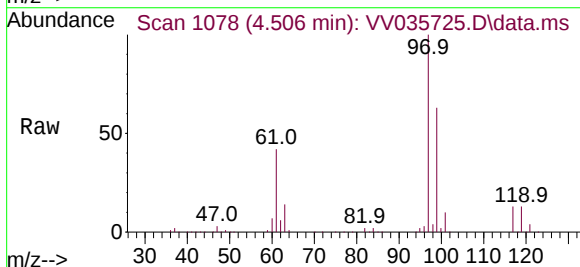
Tgt Ion: 97 Resp: 406736

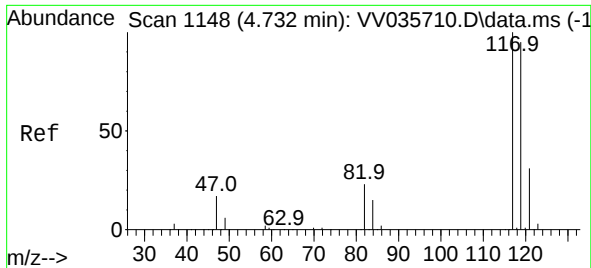
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 42.6 33.5 50.3

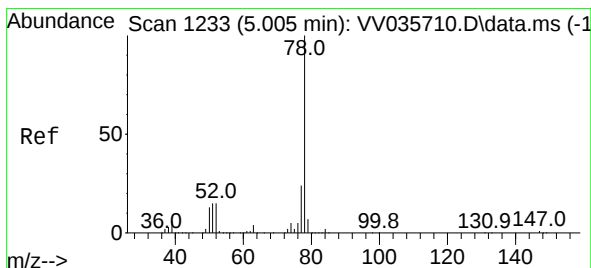
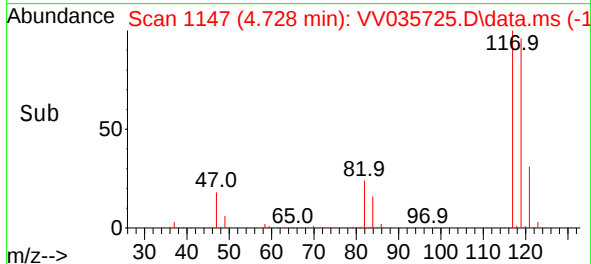
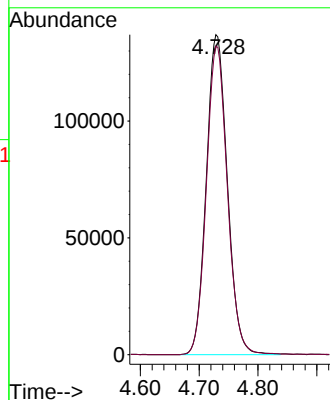
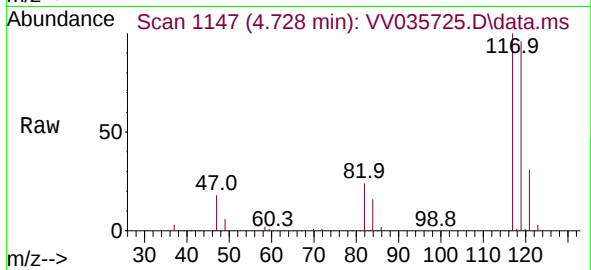




#31
Carbon tetrachloride
Concen: 25.993 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

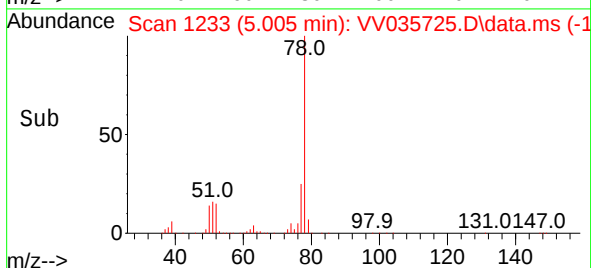
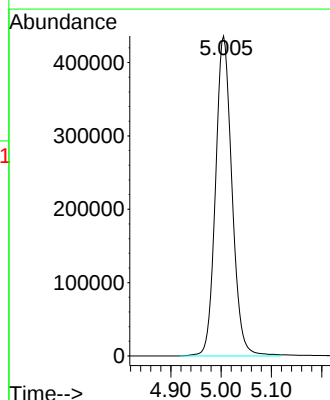
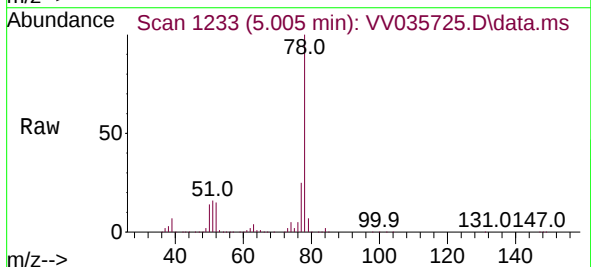
Instrument :
MSVOA_V
ClientSampleId :

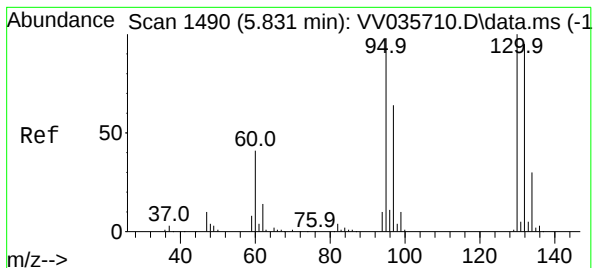
Tgt Ion:117 Resp: 340493
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9



#33
Benzene
Concen: 27.830 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion: 78 Resp: 991745





#34

Trichloroethene

Concen: 28.165 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 283915

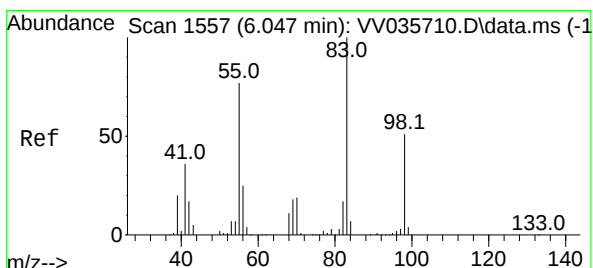
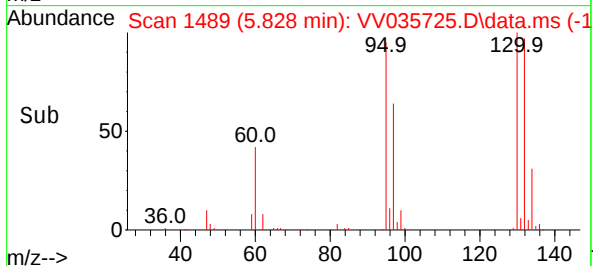
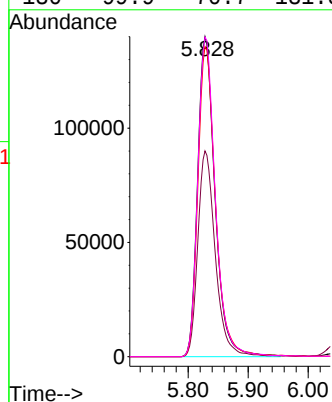
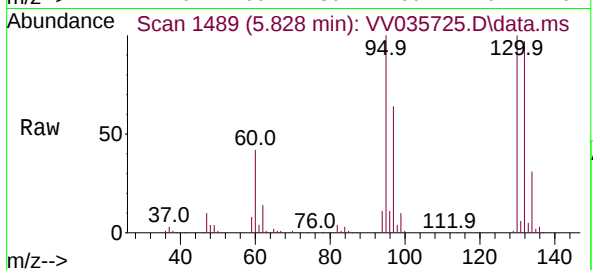
Ion Ratio Lower Upper

95 100

97 64.3 43.8 81.4

132 96.9 67.1 124.7

130 99.9 70.7 131.3



#35

Methylcyclohexane

Concen: 22.548 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

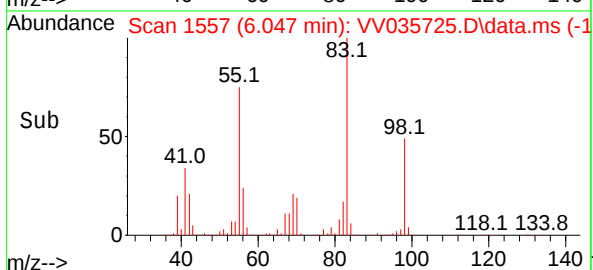
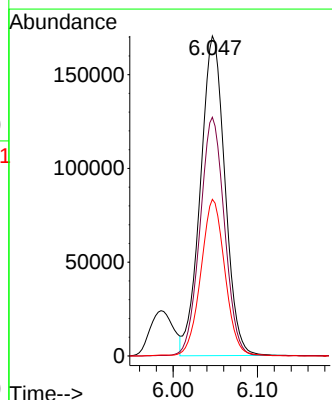
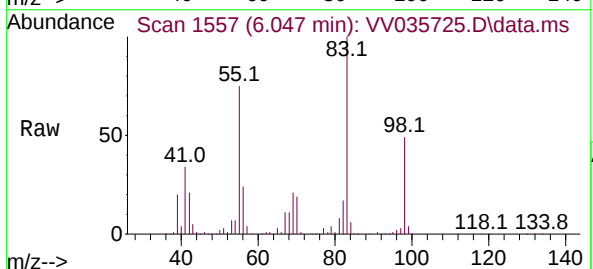
Tgt Ion: 83 Resp: 345069

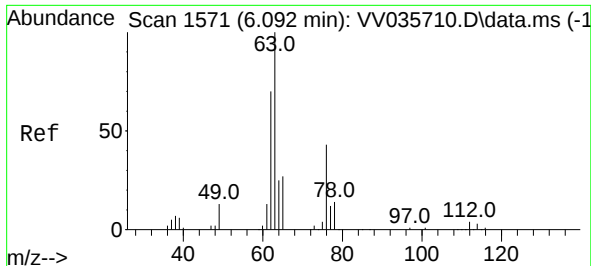
Ion Ratio Lower Upper

83 100

55 74.5 57.5 86.3

98 47.7 38.6 58.0

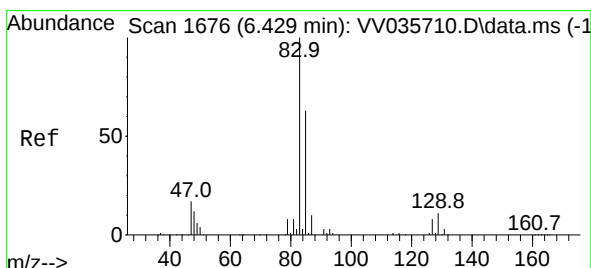
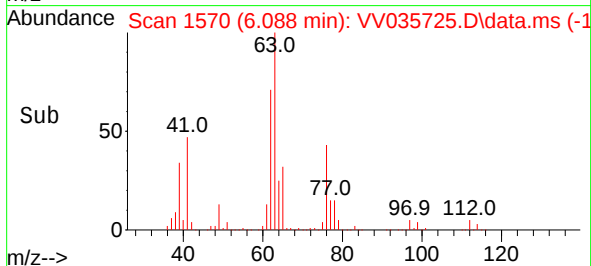
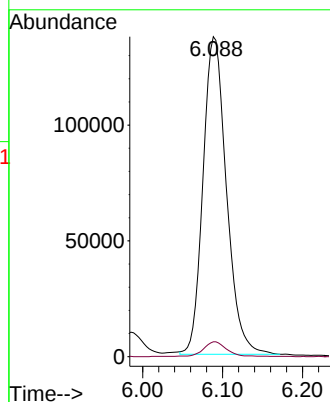
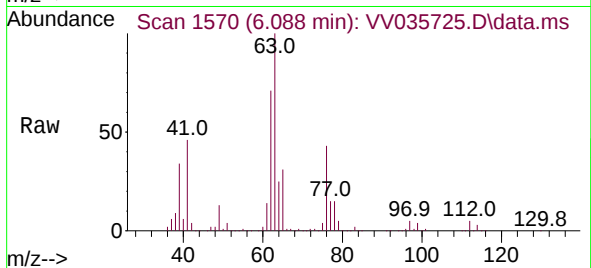




#37
1,2-Dichloropropane
Concen: 30.104 ug/L
RT: 6.088 min Scan# 1571
Delta R.T. -0.003 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

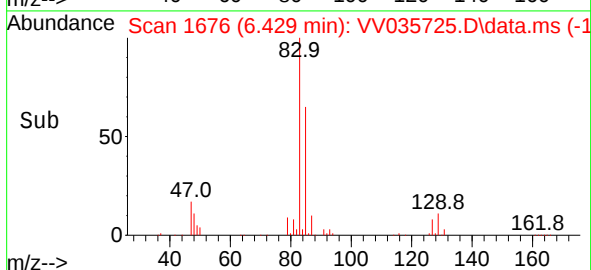
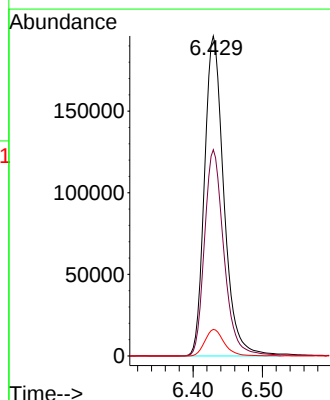
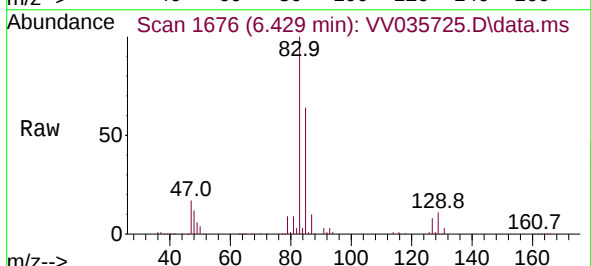
Instrument :
MSVOA_V
ClientSampleId :

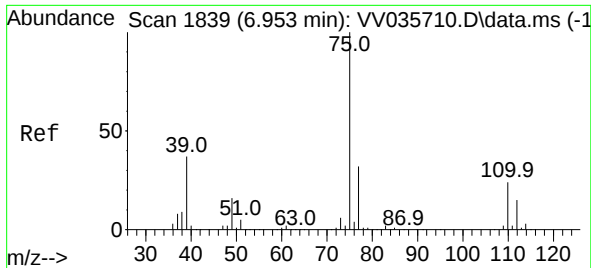
Tgt Ion: 63 Resp: 279895
Ion Ratio Lower Upper
63 100
112 4.2 3.8 5.6



#38
Bromodichloromethane
Concen: 30.228 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion: 83 Resp: 380733
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9
127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 27.435 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

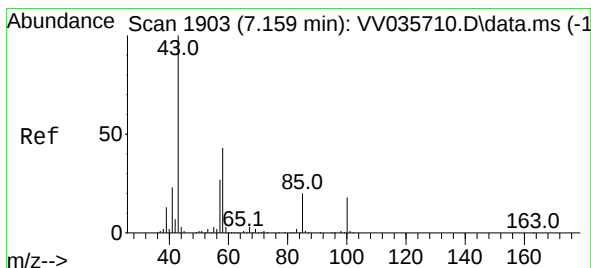
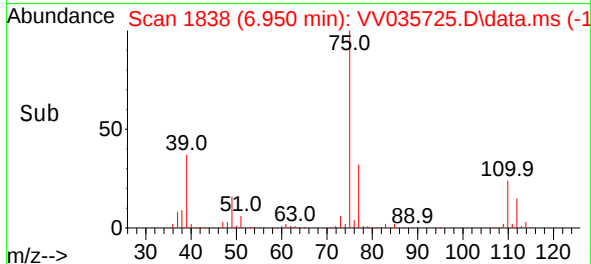
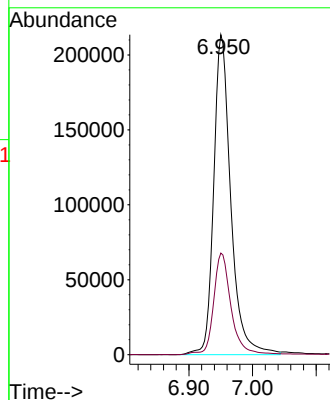
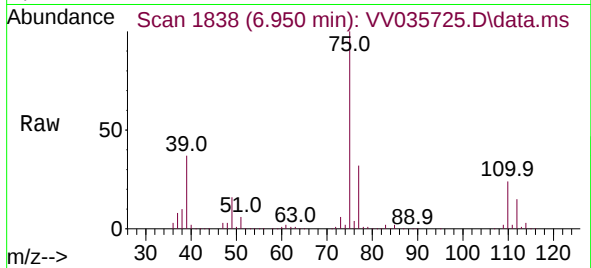
ClientSampleId :

Tgt Ion: 75 Resp: 398964

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.301 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

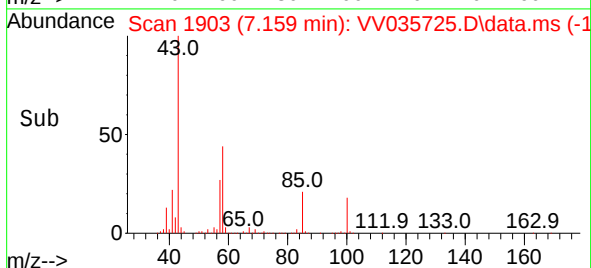
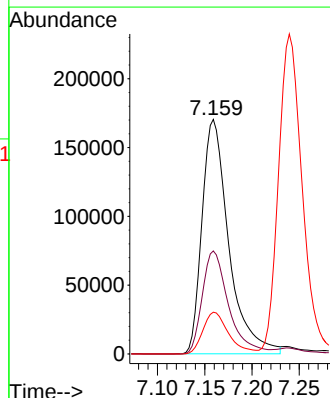
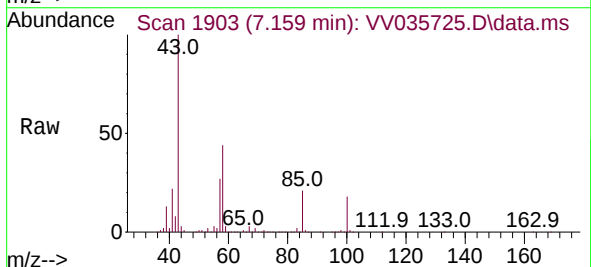
Tgt Ion: 43 Resp: 335774

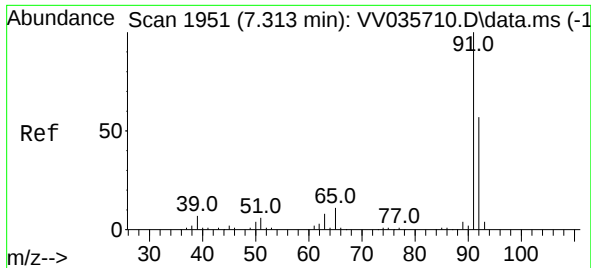
Ion Ratio Lower Upper

43 100

58 43.3 34.8 52.2

100 17.1 13.9 20.9





#42

Toluene

Concen: 28.462 ug/L

RT: 7.310 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

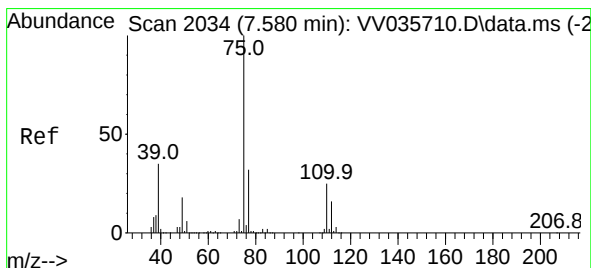
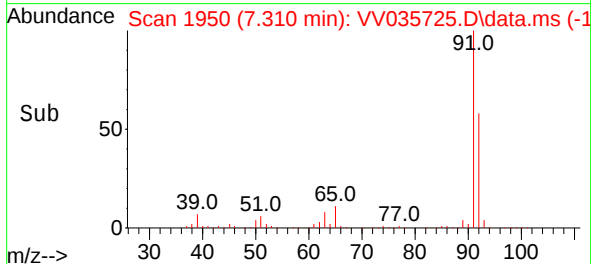
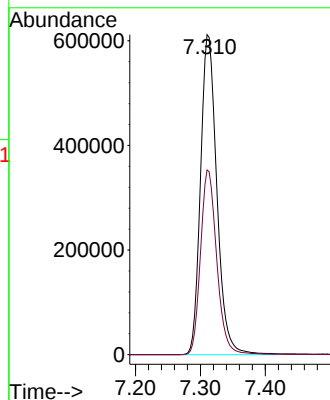
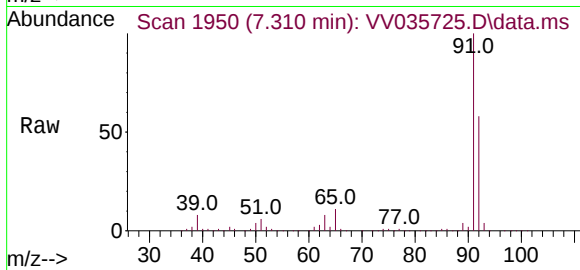
ClientSampleId :

Tgt Ion: 91 Resp: 1073400

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 28.724 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV035725.D

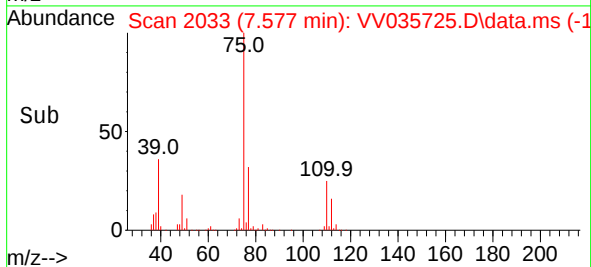
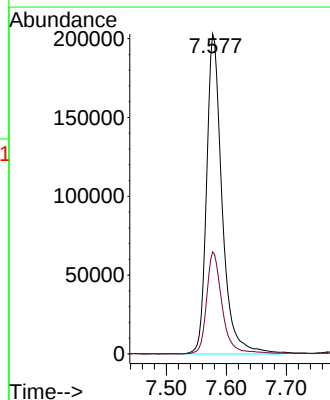
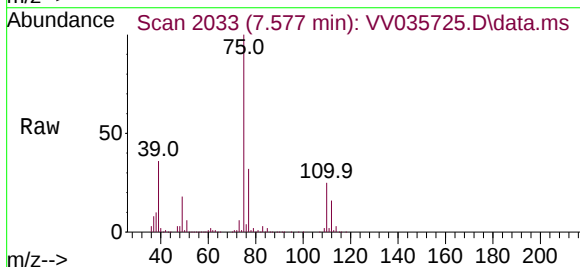
Acq: 24 May 2024 00:07

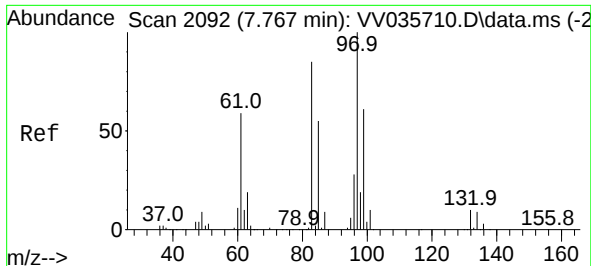
Tgt Ion: 75 Resp: 365405

Ion Ratio Lower Upper

75 100

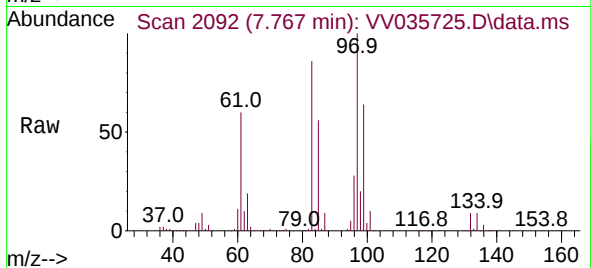
77 31.9 22.4 41.6



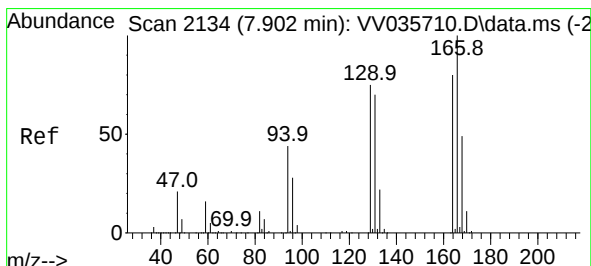
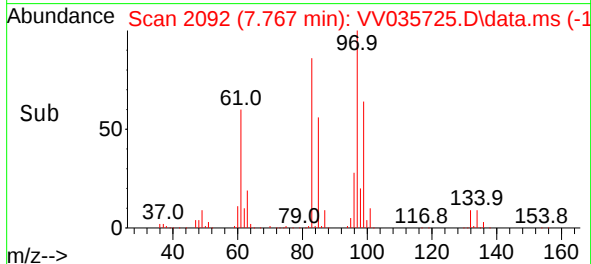
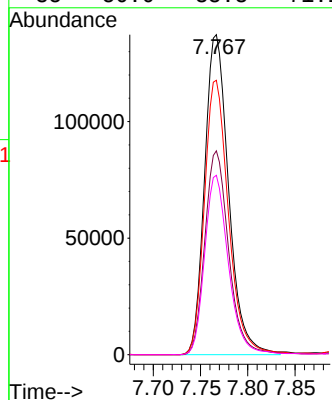


#45
1,1,2-Trichloroethane
Concen: 30.766 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Instrument :
MSVOA_V
ClientSampleId :

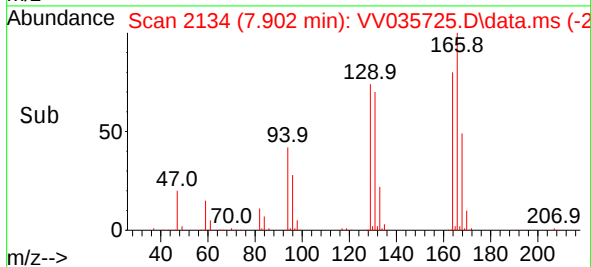
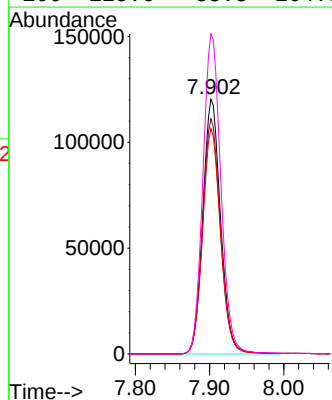
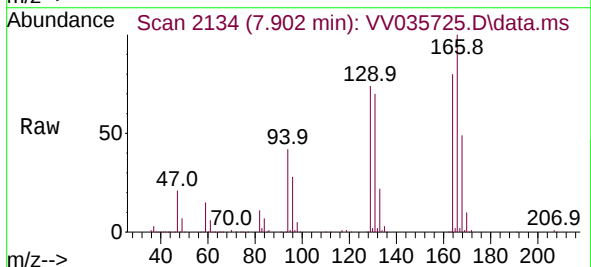


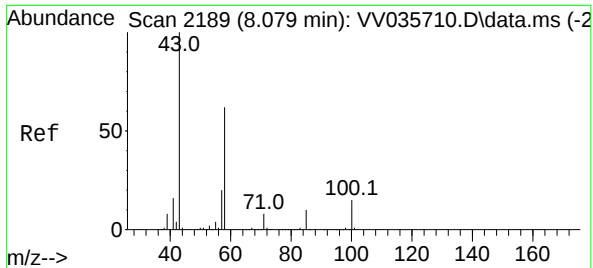
Tgt Ion:	97	Resp:	243051
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.3
83	85.8	60.3	111.9
85	56.0	38.3	71.1



#46
Tetrachloroethene
Concen: 24.483 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion:	164	Resp:	200504
Ion	Ratio	Lower	Upper
164	100		
129	92.3	63.4	117.8
131	88.5	61.0	113.4
166	125.6	88.8	164.8



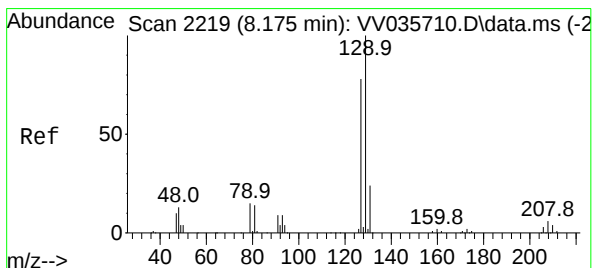
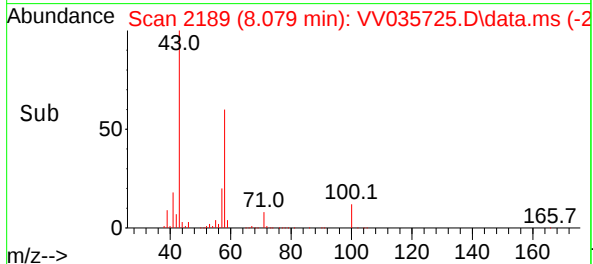
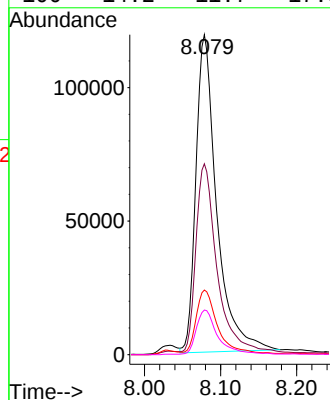
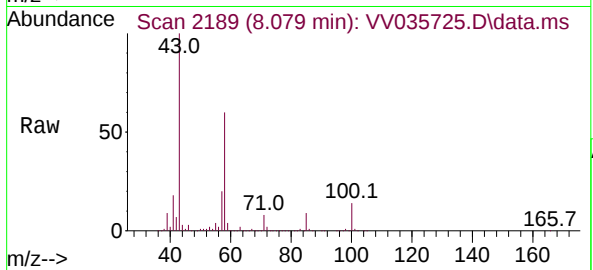


#48
2-Hexanone
Concen: 54.075 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 225762

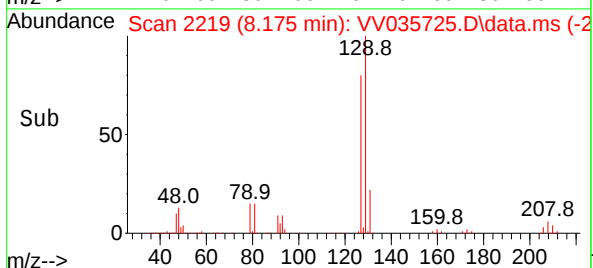
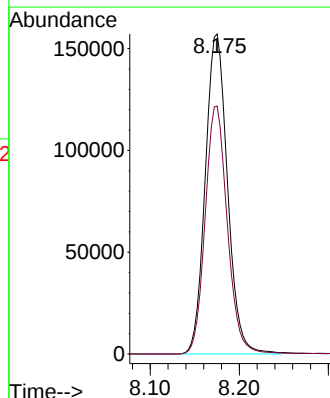
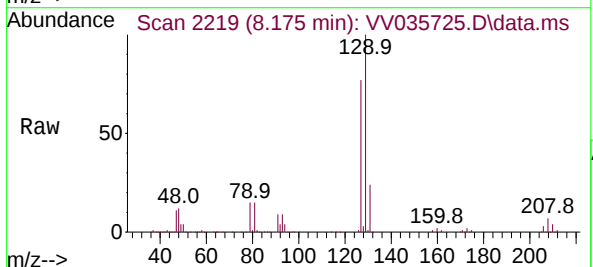
Ion	Ratio	Lower	Upper
43	100		
58	61.4	48.8	73.2
57	20.0	16.9	25.3
100	14.2	11.7	17.5

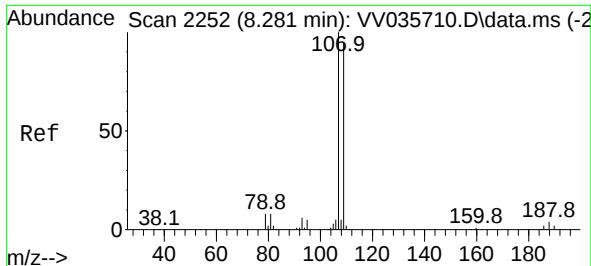


#49
Dibromochloromethane
Concen: 30.610 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion: 129 Resp: 272854

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.8	99.8

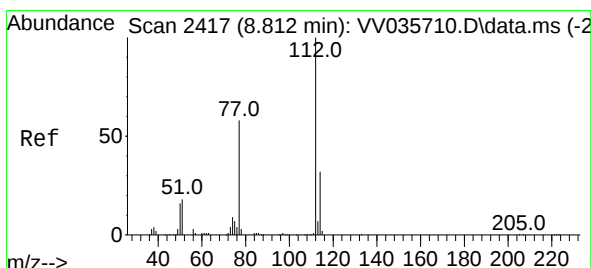
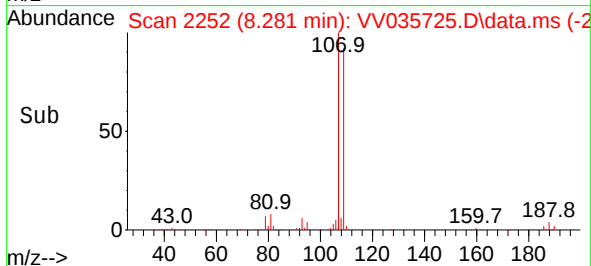
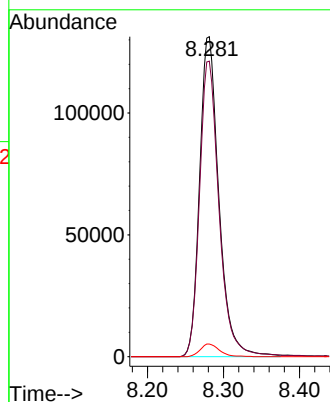
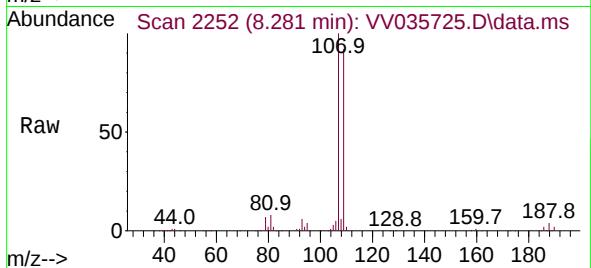




#50
1,2-Dibromoethane
Concen: 29.753 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

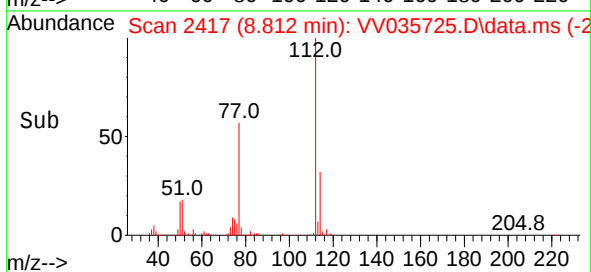
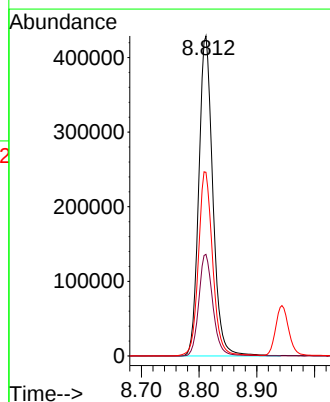
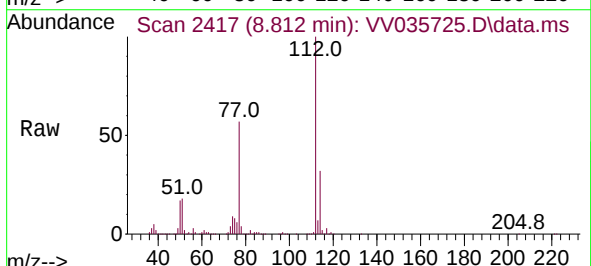
Instrument :
MSVOA_V
ClientSampleId :

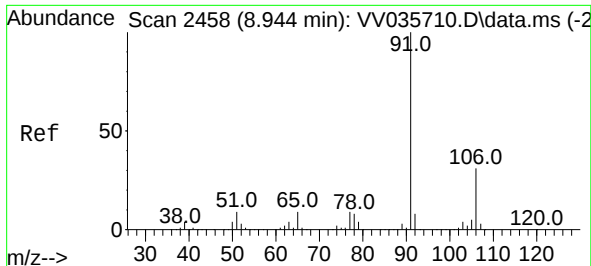
Tgt Ion:107 Resp: 231552
Ion Ratio Lower Upper
107 100
109 92.4 65.4 121.4
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 27.612 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion:112 Resp: 722565
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.7
77 57.4 46.6 69.8





#52

Ethylbenzene

Concen: 27.898 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

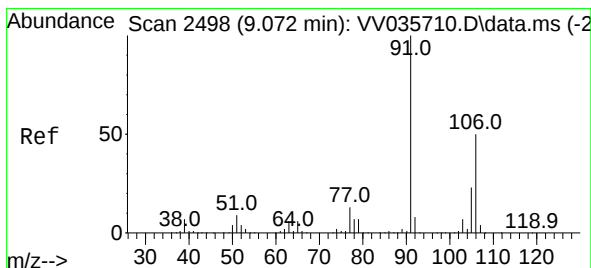
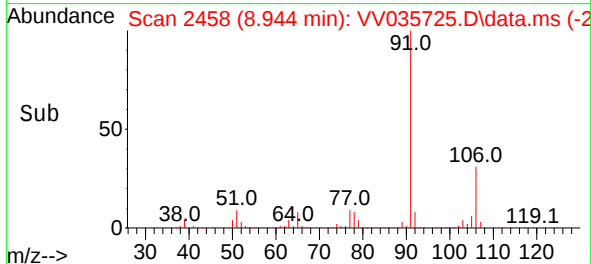
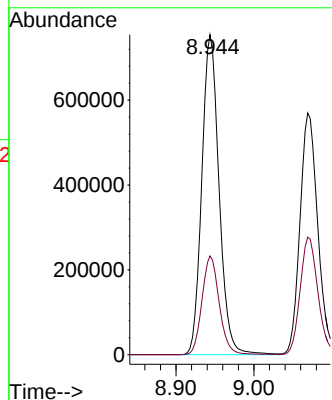
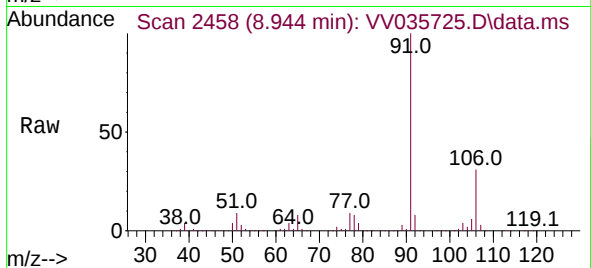
ClientSampleId :

Tgt Ion: 91 Resp: 1161662

Ion Ratio Lower Upper

91 100

106 30.8 21.7 40.3



#53

m,p-Xylene

Concen: 27.860 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV035725.D

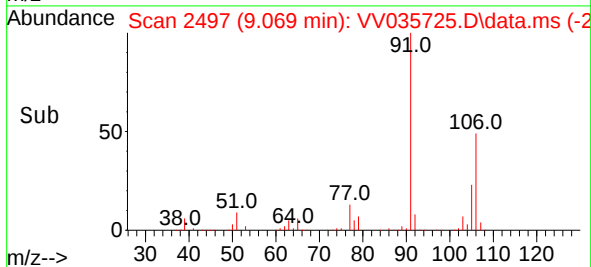
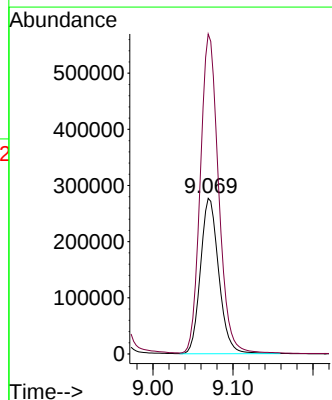
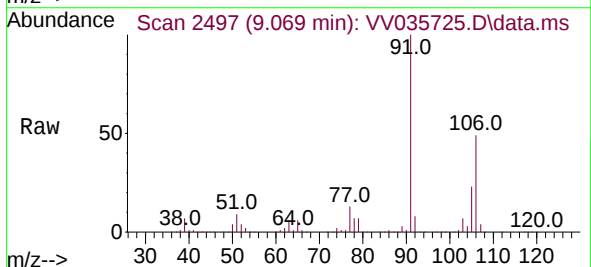
Acq: 24 May 2024 00:07

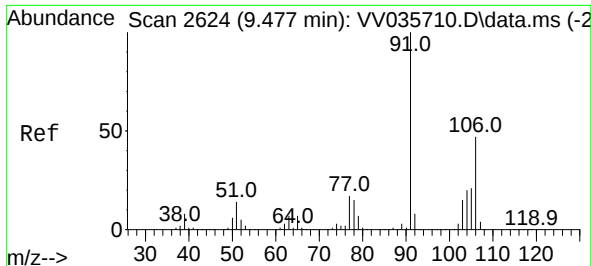
Tgt Ion: 106 Resp: 440128

Ion Ratio Lower Upper

106 100

91 205.5 142.7 264.9

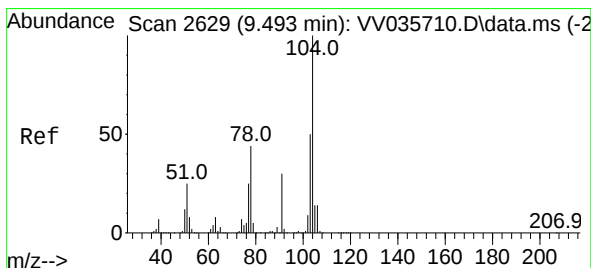
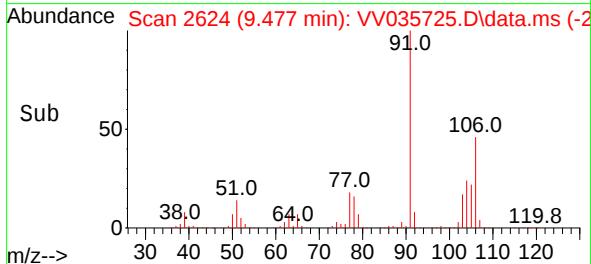
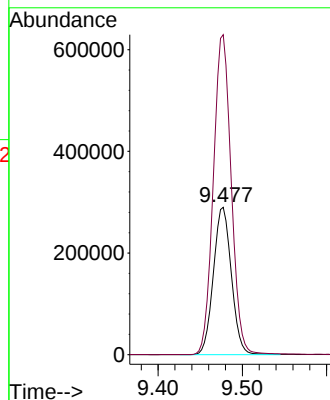
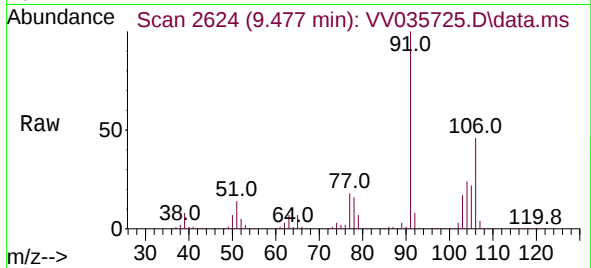




#54
o-Xylene
Concen: 28.708 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

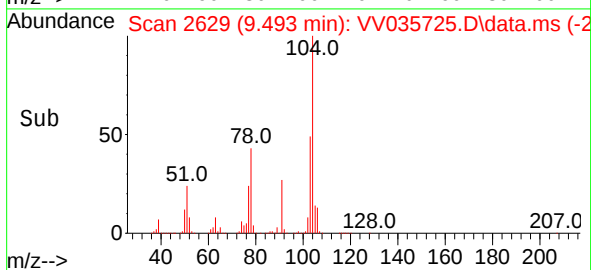
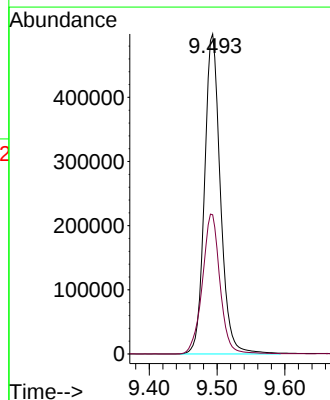
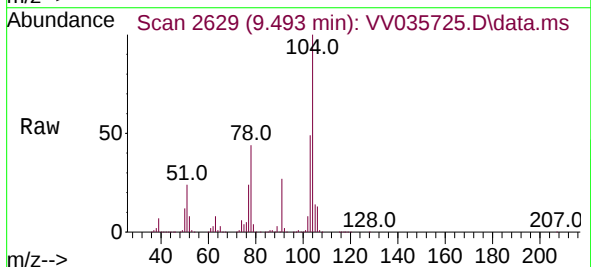
Instrument :
MSVOA_V
ClientSampleId :

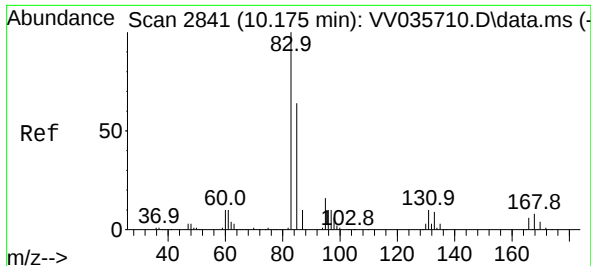
Tgt Ion:106 Resp: 429830
Ion Ratio Lower Upper
106 100
91 217.1 150.9 280.3



#55
Styrene
Concen: 31.097 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion:104 Resp: 812100
Ion Ratio Lower Upper
104 100
78 43.5 30.0 55.6

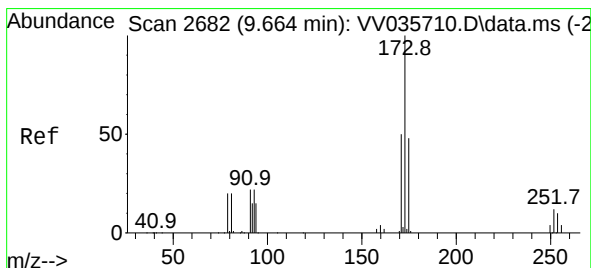
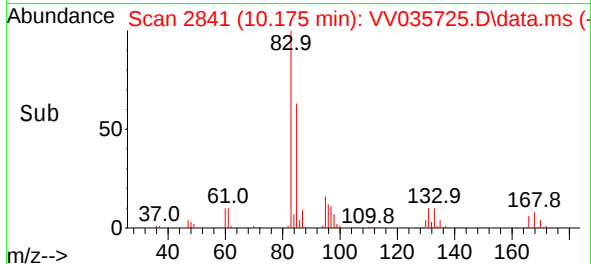
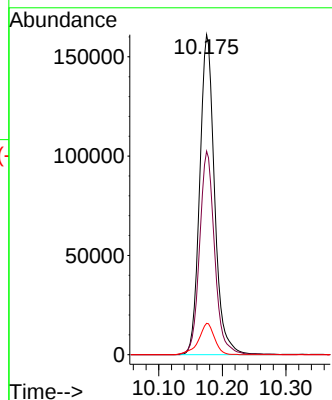
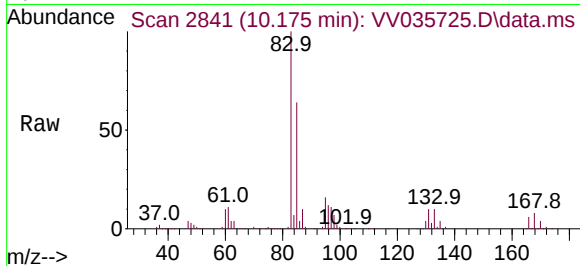




#57
1,1,2,2-Tetrachloroethane
Concen: 27.144 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

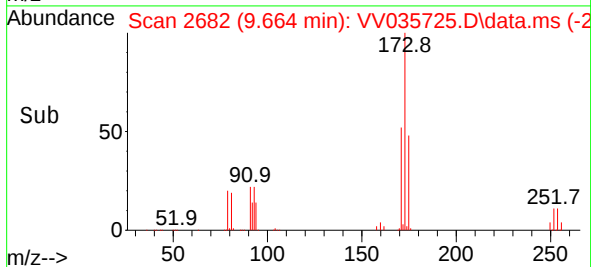
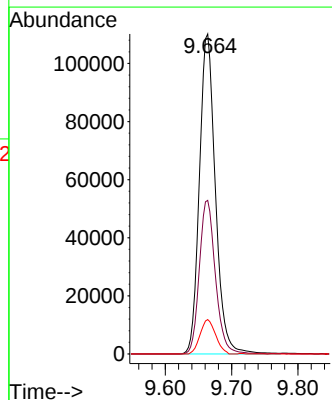
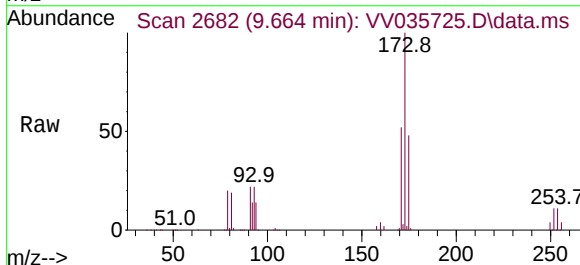
Instrument :
MSVOA_V
ClientSampleId :

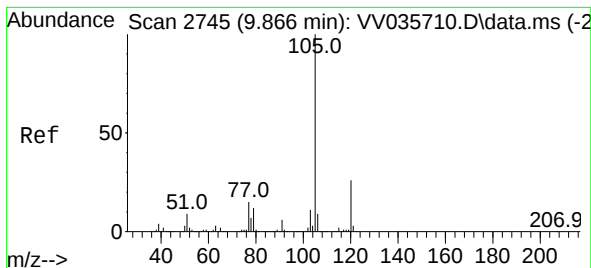
Tgt Ion: 83 Resp: 261212
Ion Ratio Lower Upper
83 100
85 63.6 44.7 83.1
131 9.8 8.0 12.0



#59
Bromoform
Concen: 31.624 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035725.D
Acq: 24 May 2024 00:07

Tgt Ion: 173 Resp: 185040
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 10.4 8.3 12.5





#60

Isopropylbenzene

Concen: 29.374 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.003 min

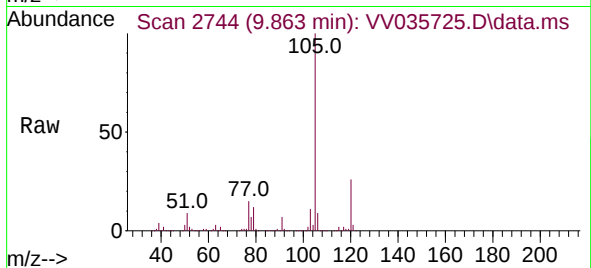
Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :



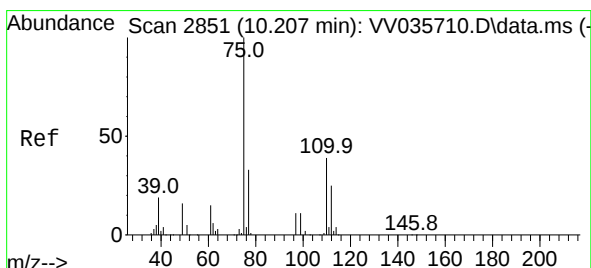
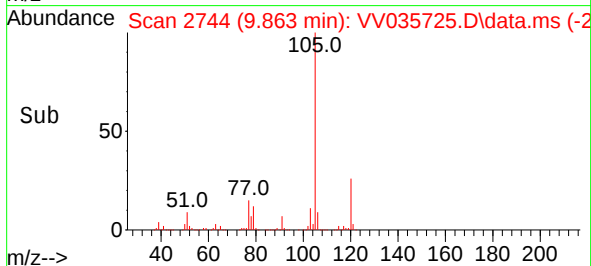
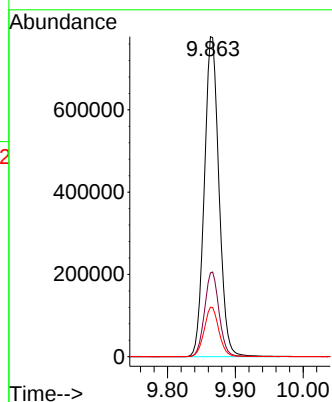
Tgt Ion:105 Resp: 1165010

Ion Ratio Lower Upper

105 100

120 26.3 21.3 31.9

77 15.4 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 32.105 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

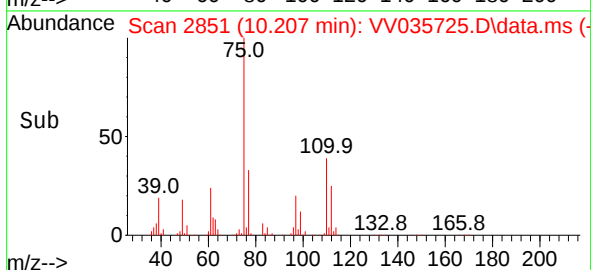
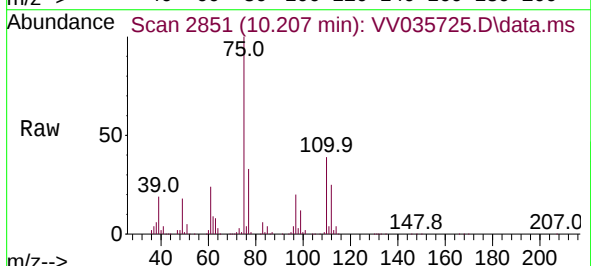
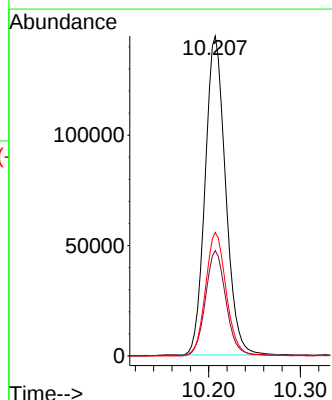
Tgt Ion: 75 Resp: 223993

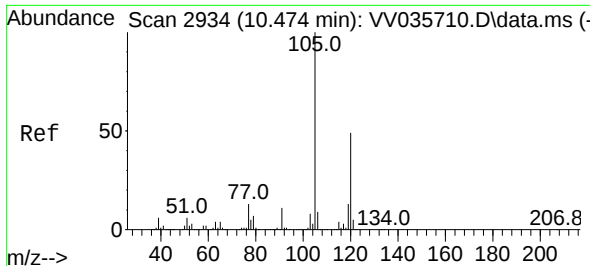
Ion Ratio Lower Upper

75 100

77 33.0 25.7 38.5

110 39.4 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 30.368 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

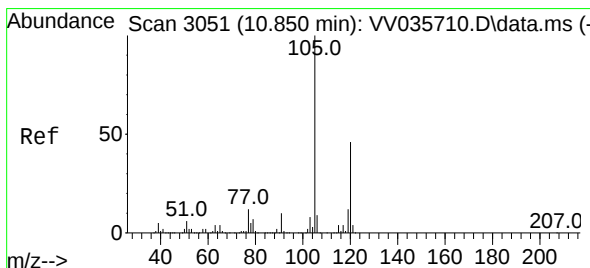
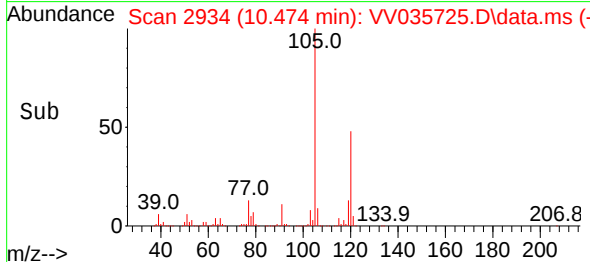
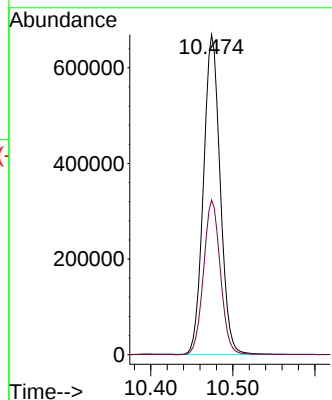
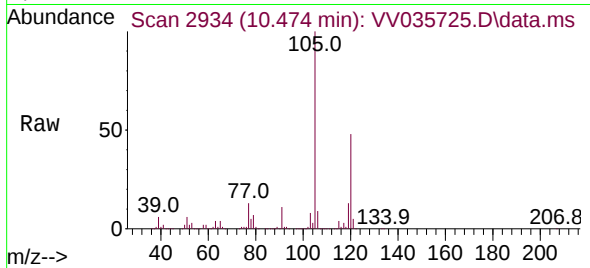
ClientSampleId :

Tgt Ion:105 Resp: 944843

Ion Ratio Lower Upper

105 100

120 48.7 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 30.045 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035725.D

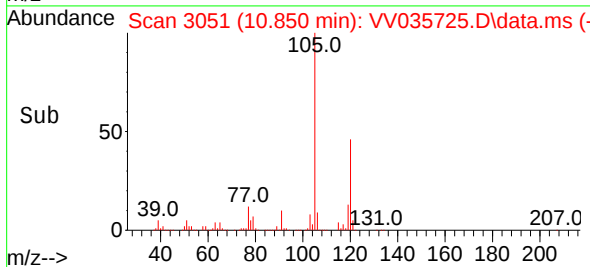
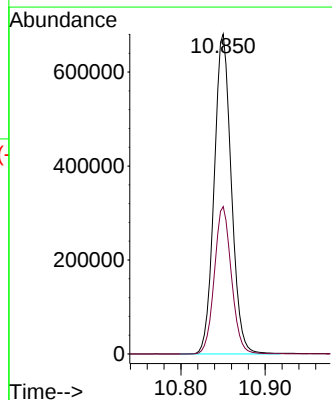
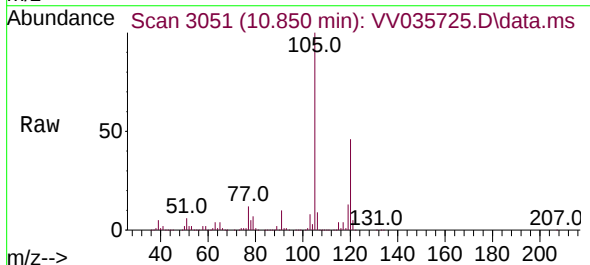
Acq: 24 May 2024 00:07

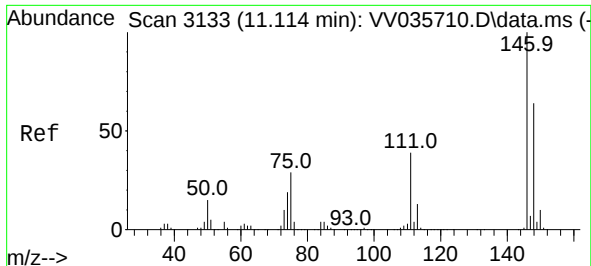
Tgt Ion:105 Resp: 960615

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 28.855 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

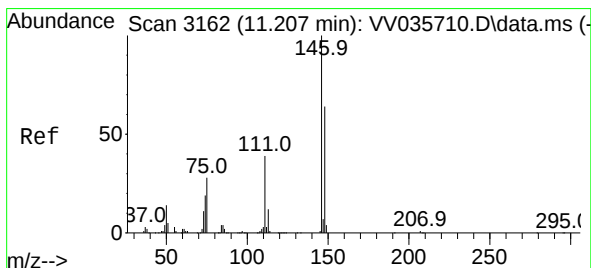
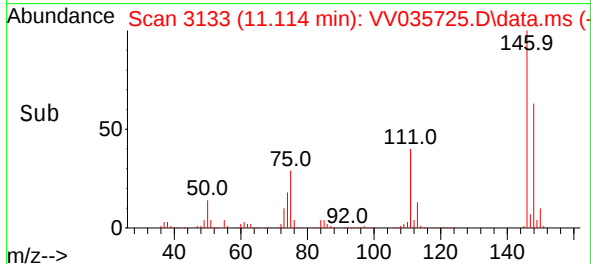
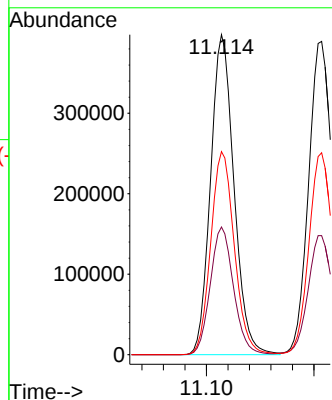
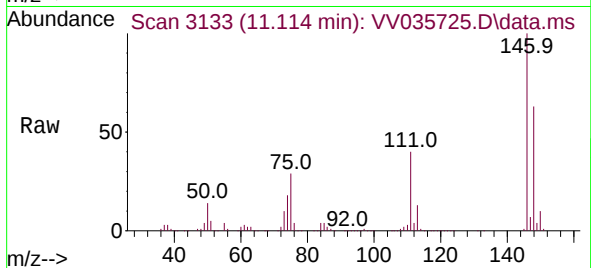
Tgt Ion:146 Resp: 600594

Ion Ratio Lower Upper

146 100

111 39.9 27.0 50.2

148 63.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 28.833 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

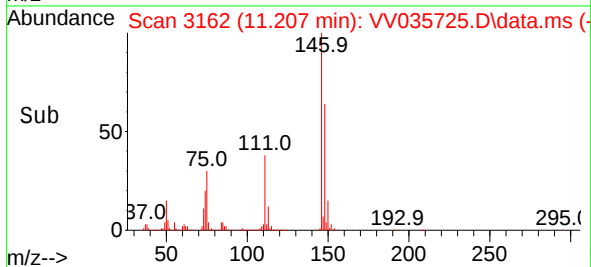
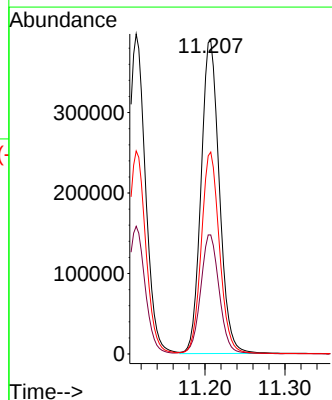
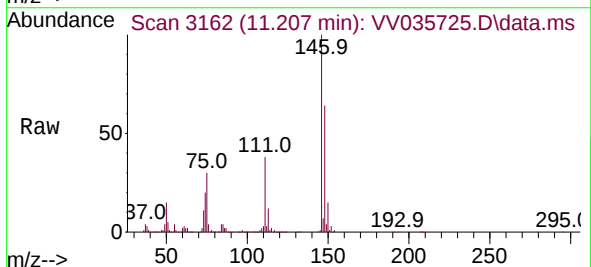
Tgt Ion:146 Resp: 621278

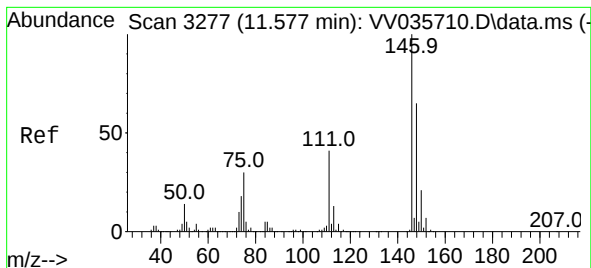
Ion Ratio Lower Upper

146 100

111 38.0 26.2 48.6

148 64.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 29.752 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

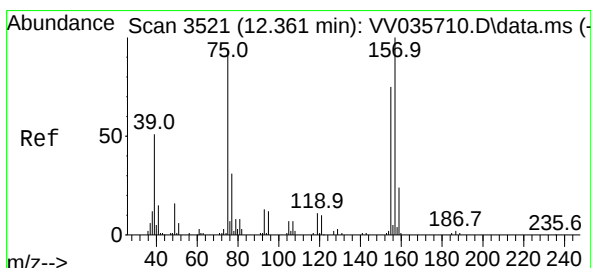
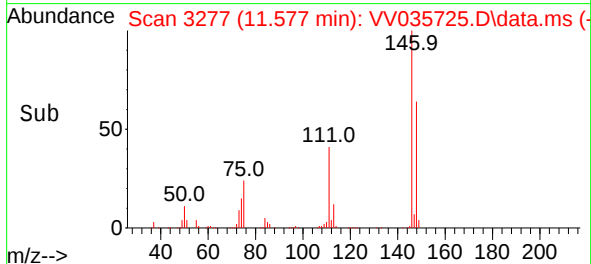
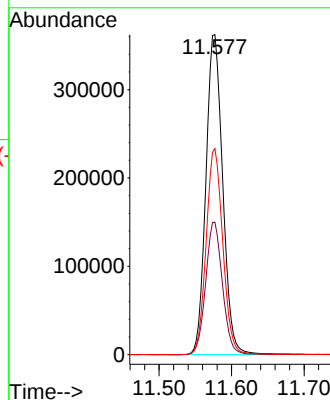
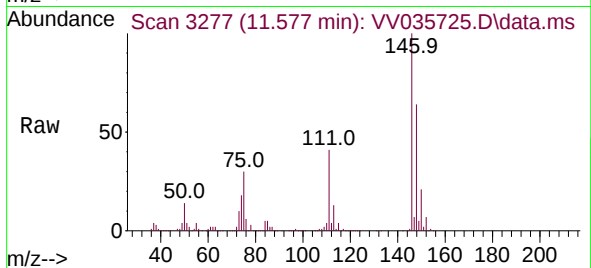
Tgt Ion:146 Resp: 582927

Ion Ratio Lower Upper

146 100

111 41.4 32.6 48.8

148 64.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 30.084 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

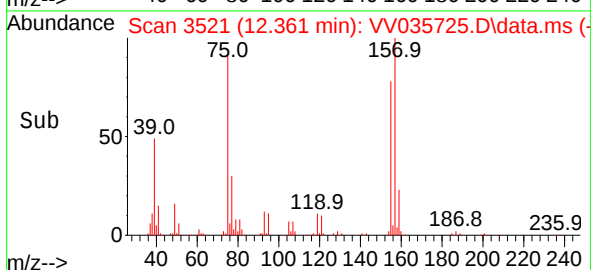
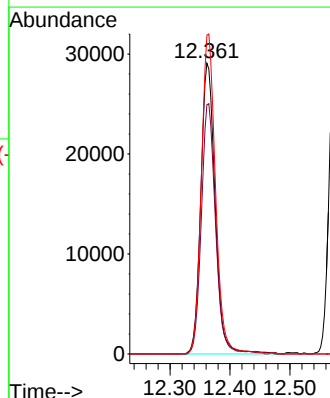
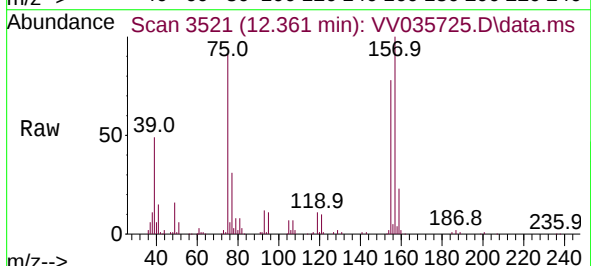
Tgt Ion: 75 Resp: 48680

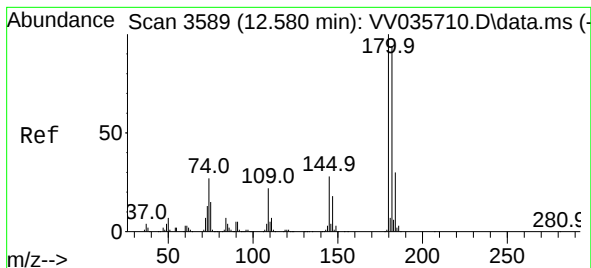
Ion Ratio Lower Upper

75 100

155 85.7 69.8 104.6

157 109.7 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 26.360 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

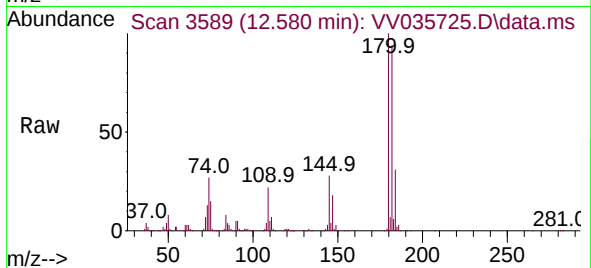
Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 428748

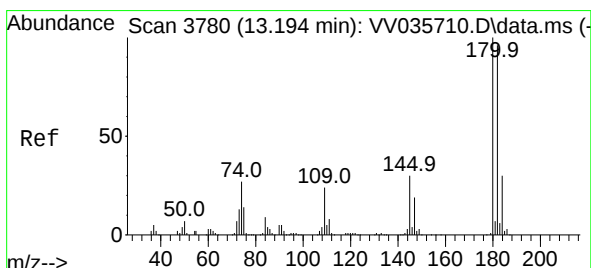
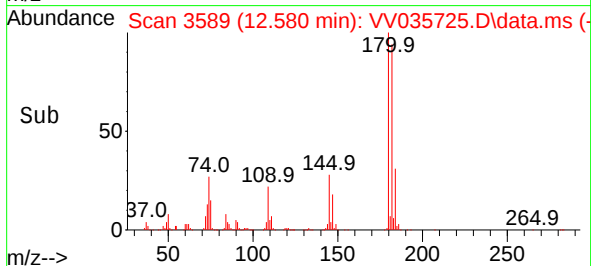
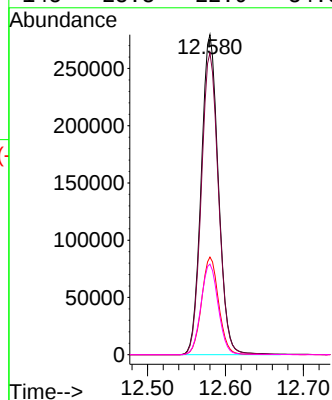
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

184 30.1 24.1 36.1

145 28.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 24.436 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

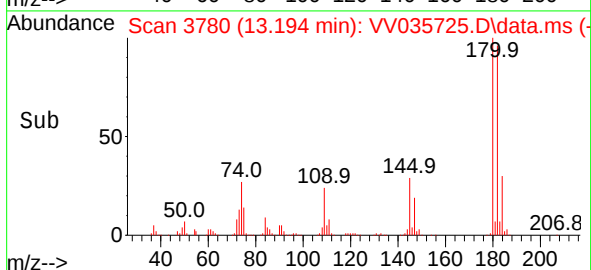
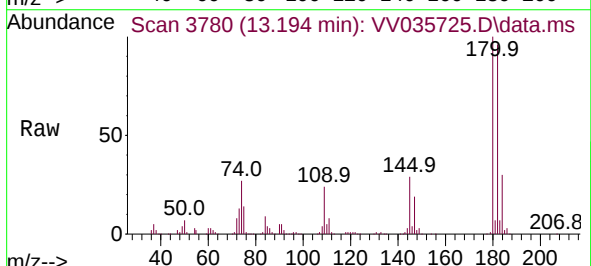
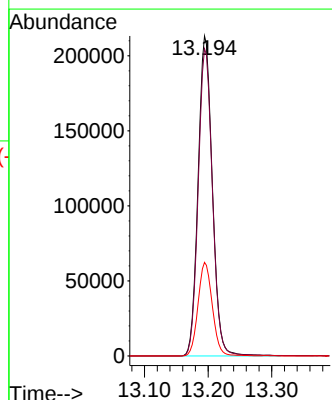
Tgt Ion:180 Resp: 331871

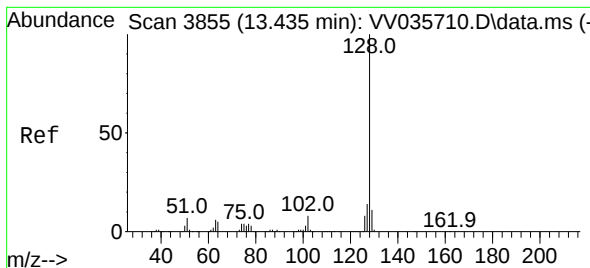
Ion Ratio Lower Upper

180 100

182 95.4 76.6 114.8

145 29.3 23.2 34.8





#71

Naphthalene

Concen: 25.772 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

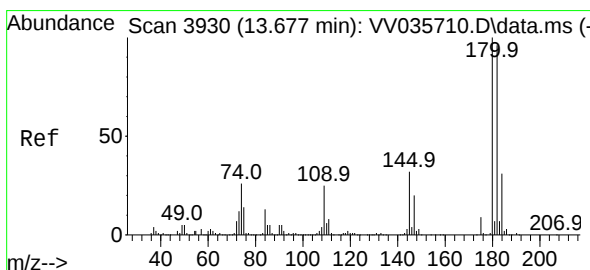
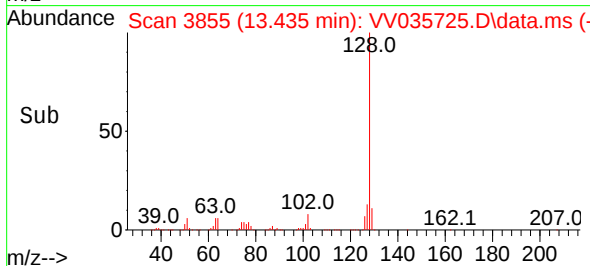
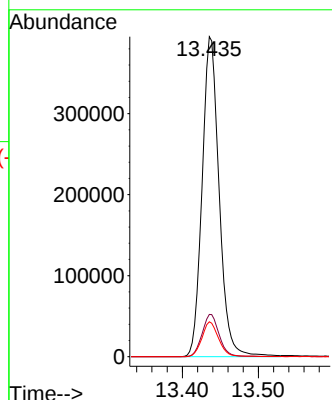
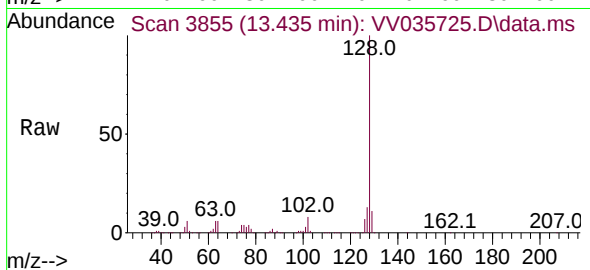
Tgt Ion:128 Resp: 614486

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 27.089 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035725.D

Acq: 24 May 2024 00:07

Tgt Ion:180 Resp: 330975

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.6

145 31.4 25.2 37.8

