

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060424\
 Data File : VV035965.D
 Acq On : 04 Jun 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 05 03:56:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 02:12:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	473178	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	473800	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	256519	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	188324	21.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.600%
7) Chloroethane-d5	1.526	69	153731	22.162	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	2.050	65	81684	21.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	4.105	46	606	0.304	ug/L	0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.600%#
24) Chloroform-d	4.240	84	346020	23.001	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.934	65	178055	22.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	4.950	84	659549	23.418	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	5.982	67	204107	23.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	7.236	98	587488	23.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	7.548	79	82413	22.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.640%
47) 2-Hexanone-d5	8.027	63	55455	46.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	143038	21.582	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	202362	21.512	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	187364	21.961	ug/L	99
3) Chloromethane	1.211	50	219440	22.412	ug/L	99
5) Vinyl chloride	1.275	62	245097	23.777	ug/L	98
6) Bromomethane	1.481	94	145999	22.831	ug/L	100
8) Chloroethane	1.542	64	150813	23.538	ug/L	100
9) Trichlorofluoromethane	1.706	101	300171	23.449	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	197310	24.287	ug/L	98
12) 1,1-Dichloroethene	2.060	96	178832	23.601	ug/L	96
13) Acetone	2.150	43	140559	45.209	ug/L	97
14) Carbon disulfide	2.230	76	607785	23.098	ug/L	100
15) Methyl Acetate	2.384	43	79898	20.675	ug/L	97
16) Methylene chloride	2.439	84	222005	20.734	ug/L	100
17) trans-1,2-Dichloroethene	2.687	96	188235	23.386	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	442643	24.496	ug/L	99
19) 1,1-Dichloroethane	3.101	63	369676	24.117	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	188474	23.303	ug/L	99
22) 2-Butanone	3.912	43	116183	44.040	ug/L #	81
23) Bromochloromethane	4.137	128	99473	24.519	ug/L	99
25) Chloroform	4.265	83	378648	24.014	ug/L	99

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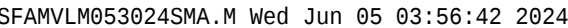
Instrument :
 MSVOA_V
 ClientSampleId :

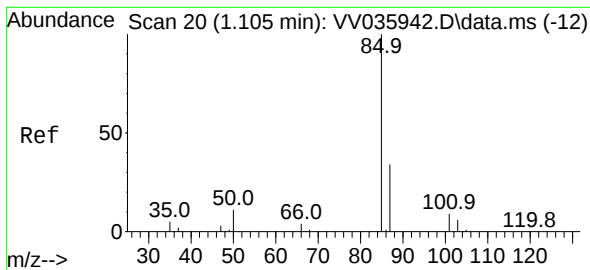
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 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 02:12:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	239875	24.367	ug/L	100
29) Cyclohexane	4.574	56	273509	24.245	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	308902	23.848	ug/L	100
31) Carbon tetrachloride	4.725	117	272320	23.965	ug/L	100
33) Benzene	5.002	78	776554	25.060	ug/L	100
34) Trichloroethene	5.825	95	229413	24.155	ug/L	99
35) Methylcyclohexane	6.043	83	320338	24.390	ug/L	99
37) 1,2-Dichloropropane	6.085	63	213389	26.225	ug/L	99
38) Bromodichloromethane	6.426	83	268144	24.898	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	300194	24.667	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	215623	48.775	ug/L	100
42) Toluene	7.310	91	818533	25.850	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	270275	25.711	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	166307	24.702	ug/L	99
46) Tetrachloroethene	7.899	164	162991	23.465	ug/L	99
48) 2-Hexanone	8.076	43	181815	52.607	ug/L	99
49) Dibromochloromethane	8.172	129	182349	24.748	ug/L	99
50) 1,2-Dibromoethane	8.278	107	158067	24.469	ug/L	99
51) Chlorobenzene	8.809	112	517837	24.002	ug/L	100
52) Ethylbenzene	8.944	91	845409	24.955	ug/L	99
53) m,p-Xylene	9.069	106	324473	25.490	ug/L	98
54) o-Xylene	9.474	106	298533	24.869	ug/L	98
55) Styrene	9.490	104	563034	26.597	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	139537	23.147	ug/L	99
59) Bromoform	9.661	173	117381	24.264	ug/L	99
60) Isopropylbenzene	9.863	105	811387	24.655	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	147491	24.311	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	574203	24.061	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	639828	24.885	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	407745	23.592	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	423797	23.757	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	384333	23.631	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	30799	22.702	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	291709	22.564	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	215294	21.151	ug/L	99
71) Naphthalene	13.435	128	353728	21.294	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	206487	22.230	ug/L	99

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

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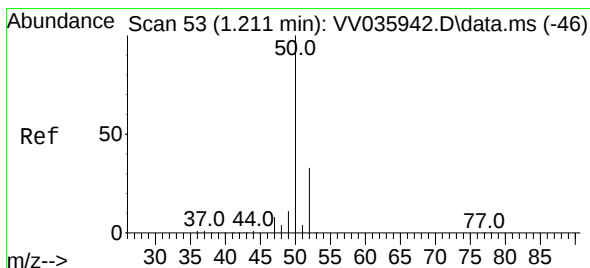
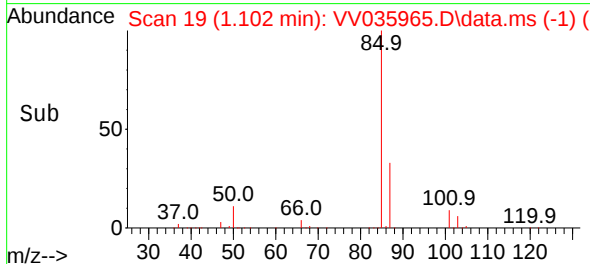
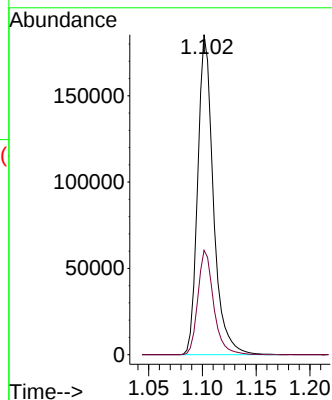
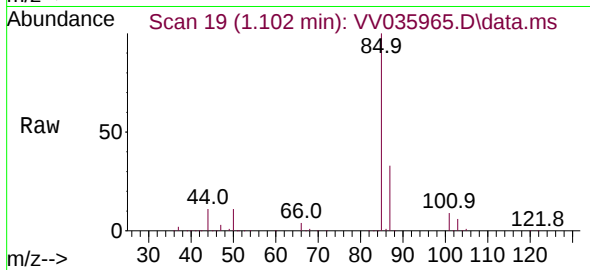




#2
 Dichlorodifluoromethane
 Concen: 21.961 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. -0.003 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

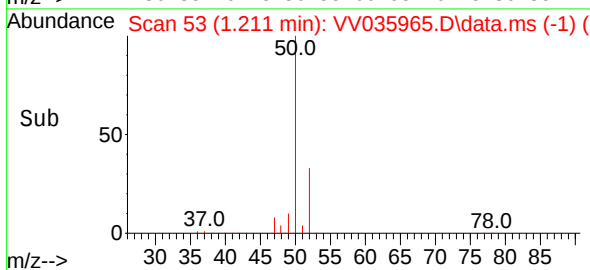
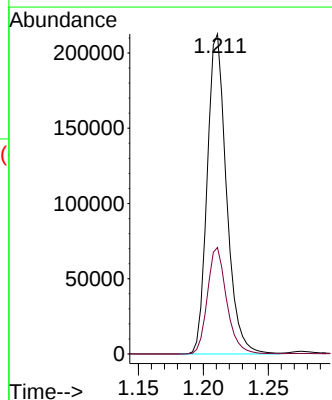
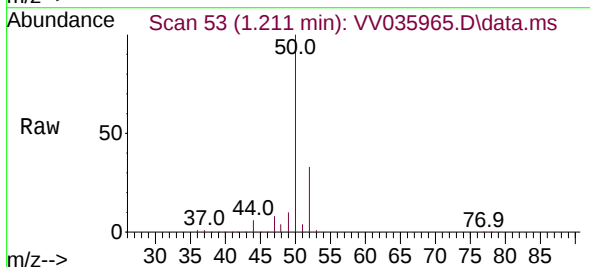
Instrument :
 MSVOA_V
 ClientSampleId :

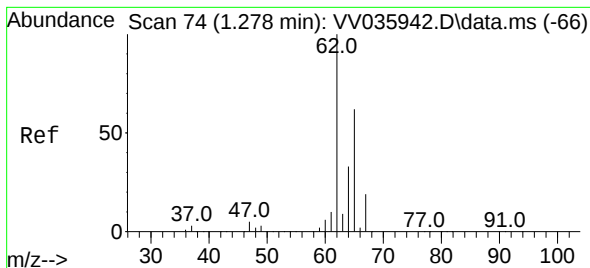
Tgt Ion: 85 Resp: 187364
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 22.412 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

Tgt Ion: 50 Resp: 219440
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.8 42.4





#5

Vinyl chloride

Concen: 23.777 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

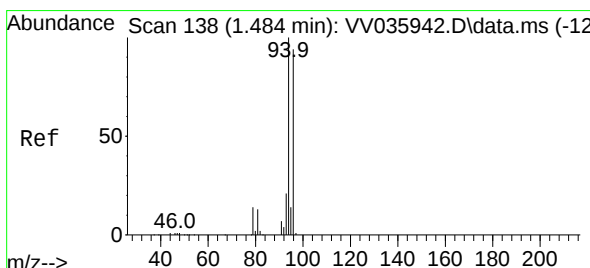
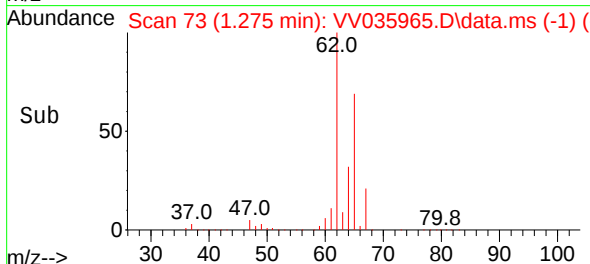
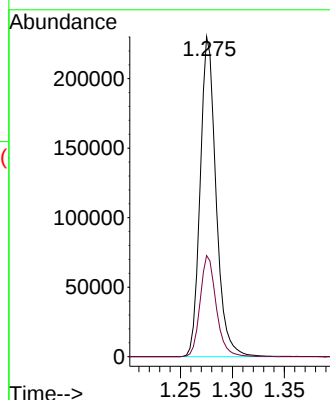
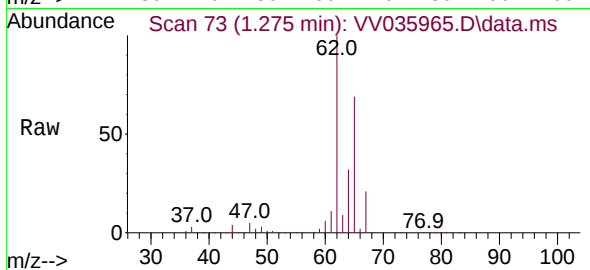
ClientSampleId :

Tgt Ion: 62 Resp: 245097

Ion Ratio Lower Upper

62 100

64 31.6 22.9 42.5



#6

Bromomethane

Concen: 22.831 ug/L

RT: 1.481 min Scan# 137

Delta R.T. -0.003 min

Lab File: VV035965.D

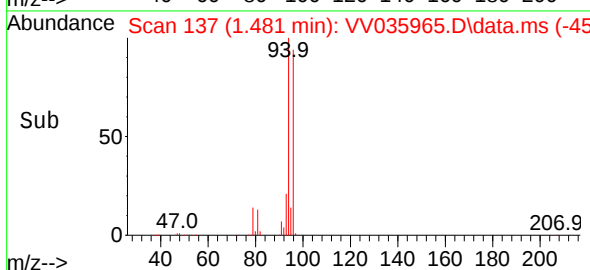
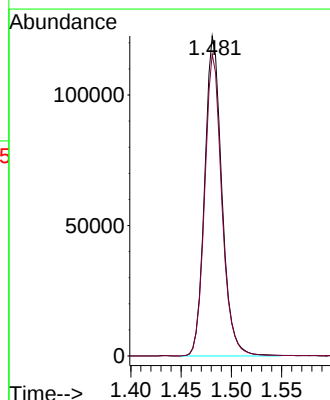
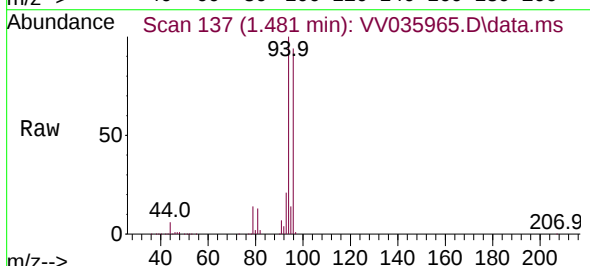
Acq: 04 Jun 2024 09:00

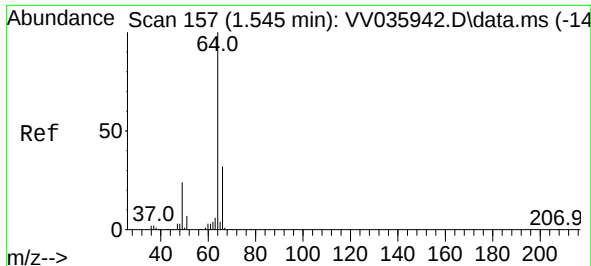
Tgt Ion: 94 Resp: 145999

Ion Ratio Lower Upper

94 100

96 94.3 65.7 122.1

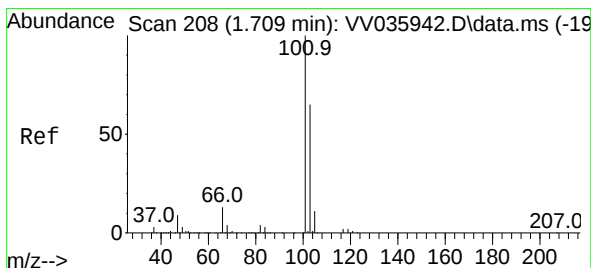
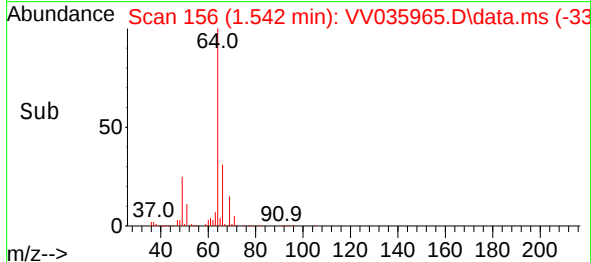
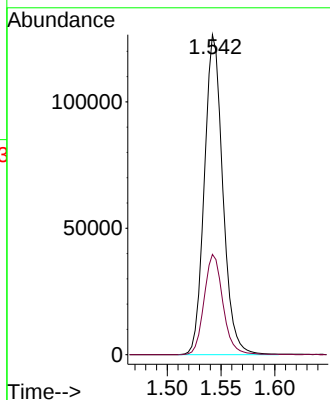
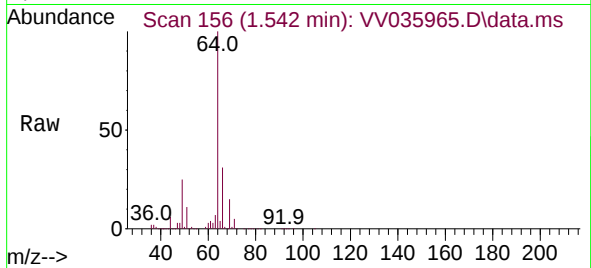




#8
Chloroethane
Concen: 23.538 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

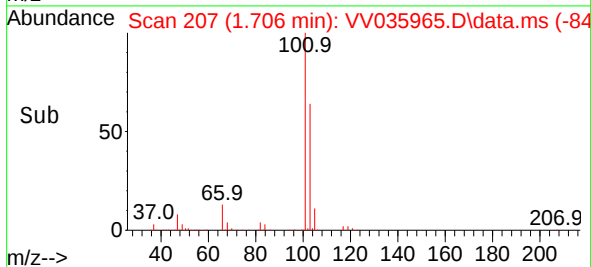
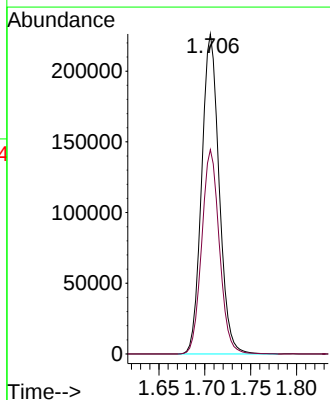
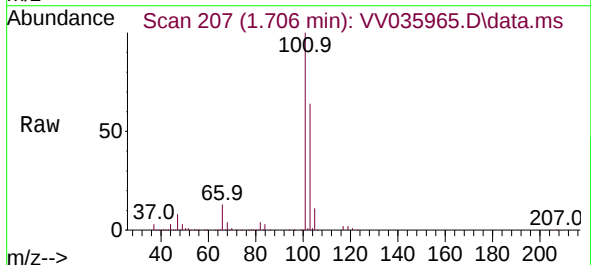
Instrument :
MSVOA_V
ClientSampleId :

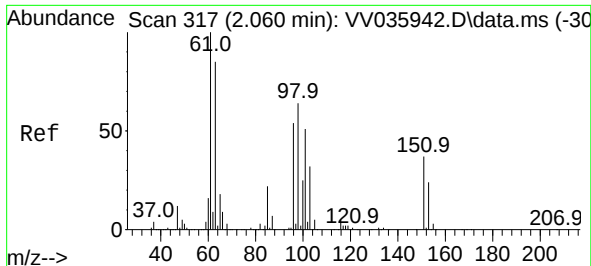
Tgt Ion: 64 Resp: 150813
Ion Ratio Lower Upper
64 100
66 31.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.449 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion:101 Resp: 300171
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

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

Concen: 24.287 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

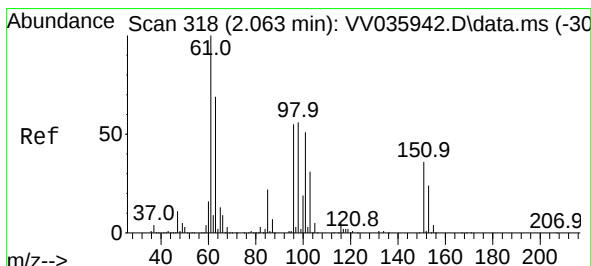
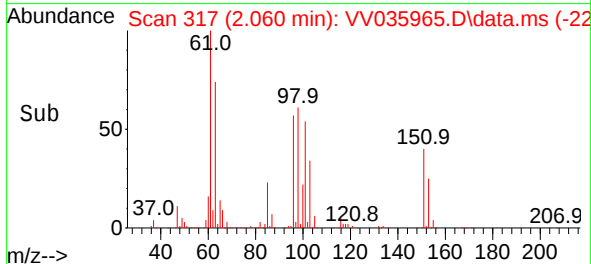
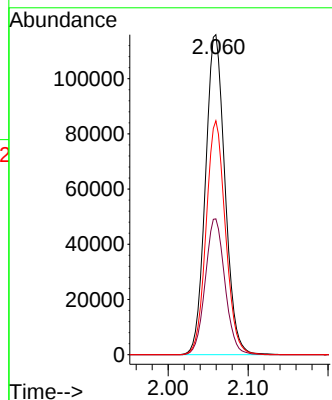
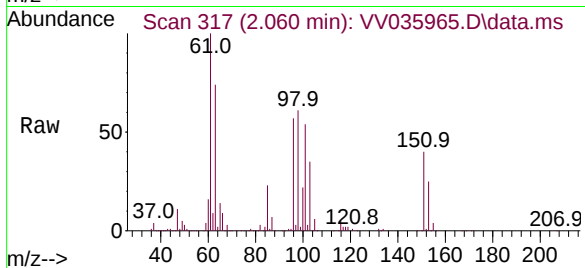
Tgt Ion:101 Resp: 197310

Ion Ratio Lower Upper

101 100

85 42.7 34.5 51.7

151 72.3 56.3 84.5



#12

1,1-Dichloroethene

Concen: 23.601 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

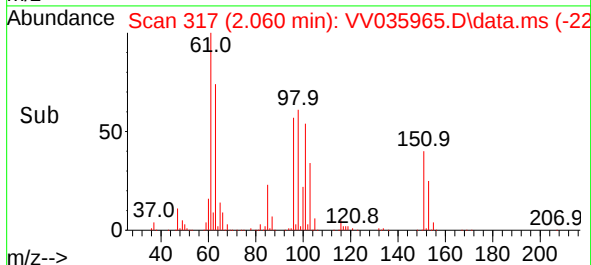
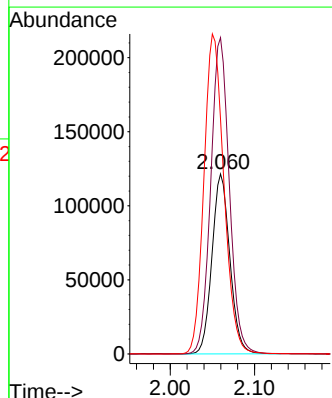
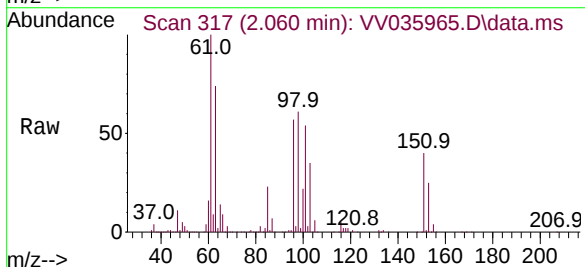
Tgt Ion: 96 Resp: 178832

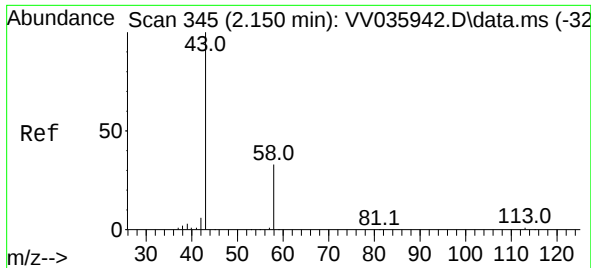
Ion Ratio Lower Upper

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63 130.6 93.7 173.9

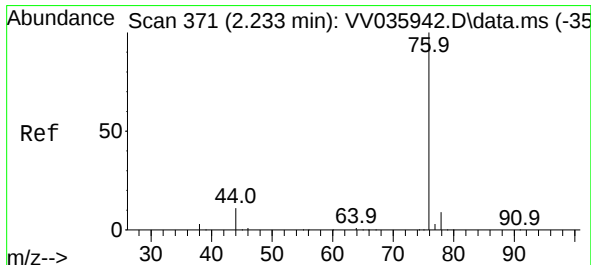
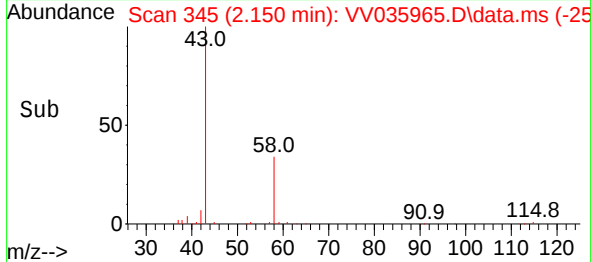
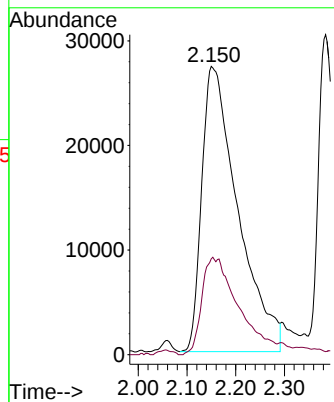
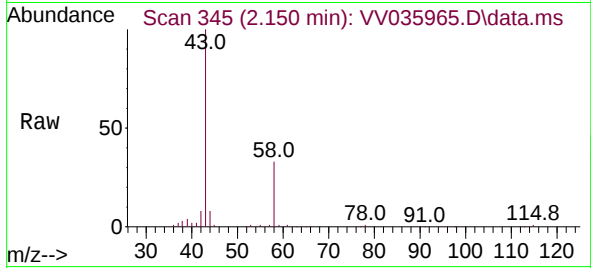




#13
Acetone
Concen: 45.209 ug/L
RT: 2.150 min Scan# 345
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

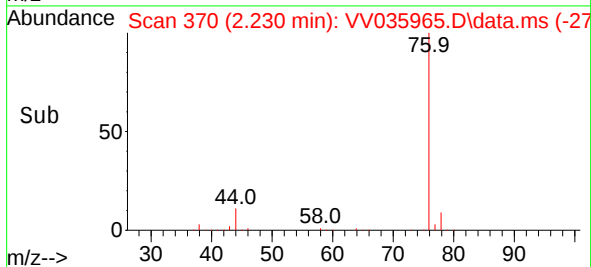
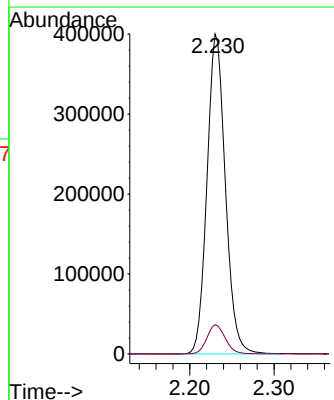
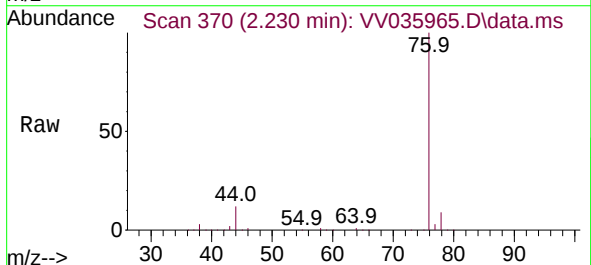
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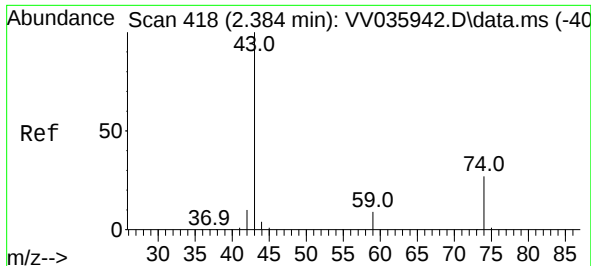
Tgt Ion: 43 Resp: 140559
Ion Ratio Lower Upper
43 100
58 13.3 0.0 24.2



#14
Carbon disulfide
Concen: 23.098 ug/L
RT: 2.230 min Scan# 370
Delta R.T. -0.003 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion: 76 Resp: 607785
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 20.675 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

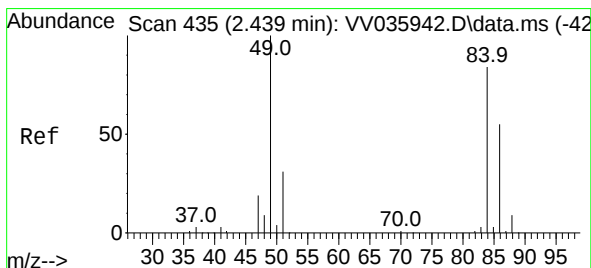
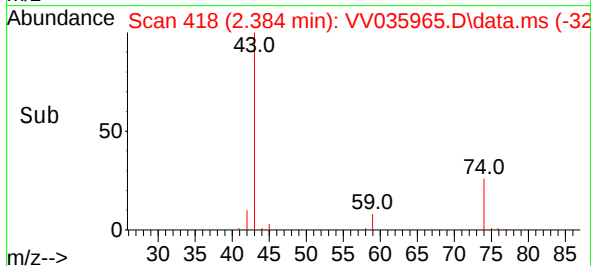
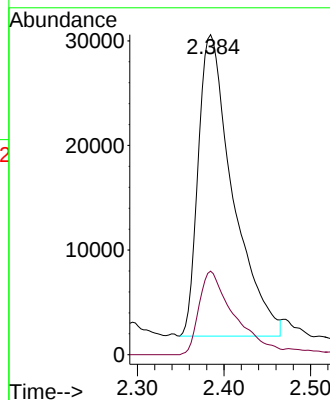
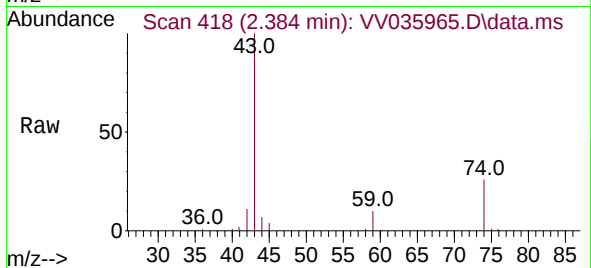
ClientSampleId :

Tgt Ion: 43 Resp: 79898

Ion Ratio Lower Upper

43 100

74 28.4 21.4 32.2



#16

Methylene chloride

Concen: 20.734 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

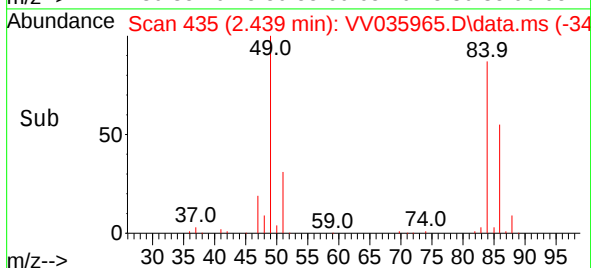
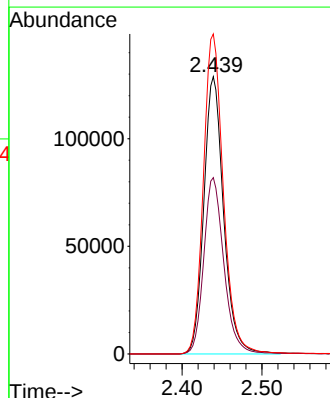
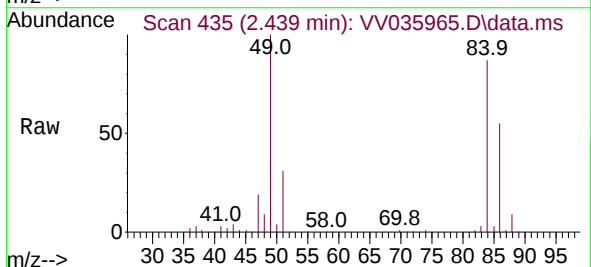
Tgt Ion: 84 Resp: 222005

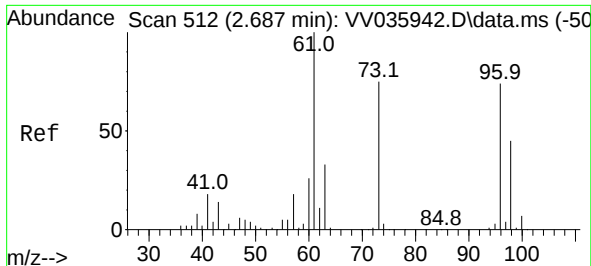
Ion Ratio Lower Upper

84 100

86 63.6 44.6 82.8

49 115.4 81.1 150.5





#17

trans-1,2-Dichloroethene

Concen: 23.386 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

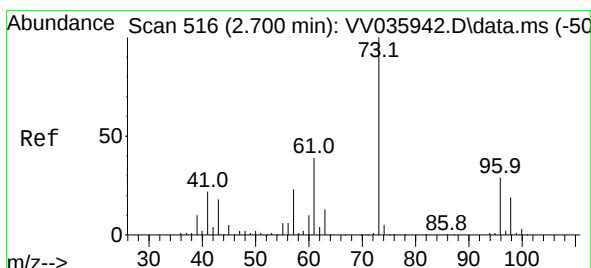
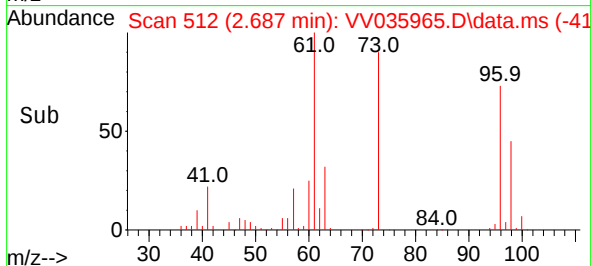
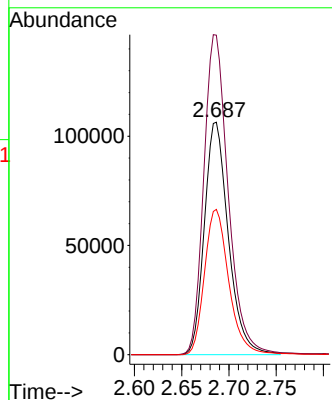
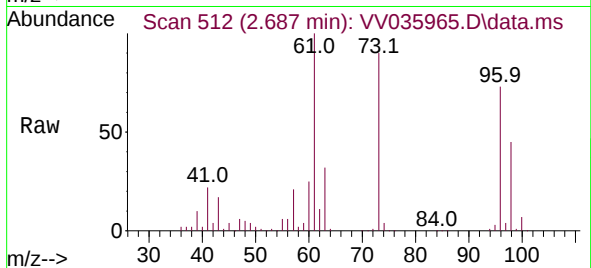
Tgt Ion: 96 Resp: 188235

Ion Ratio Lower Upper

96 100

61 137.4 99.4 184.6

98 62.5 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 24.496 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

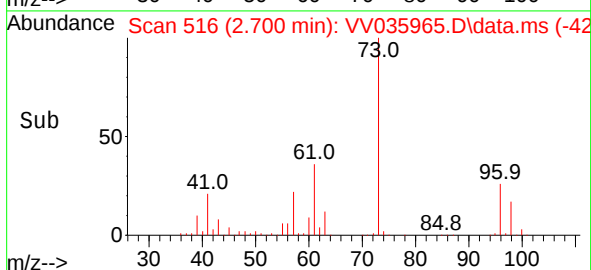
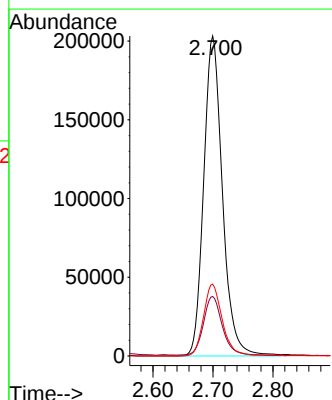
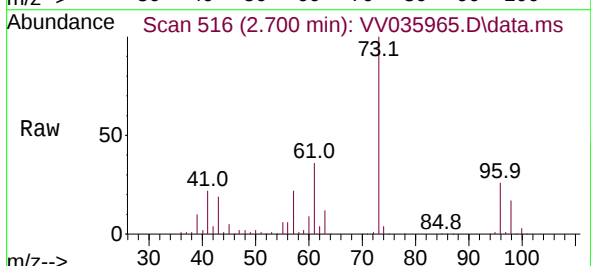
Tgt Ion: 73 Resp: 442643

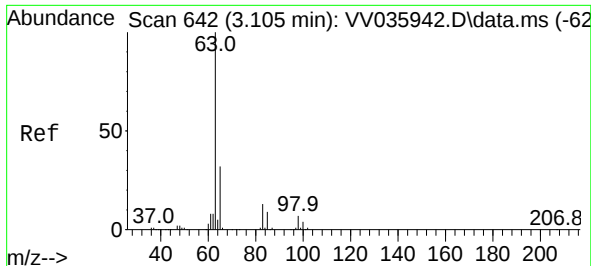
Ion Ratio Lower Upper

73 100

43 18.3 14.3 21.5

57 22.4 17.8 26.6





#19

1,1-Dichloroethane

Concen: 24.117 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

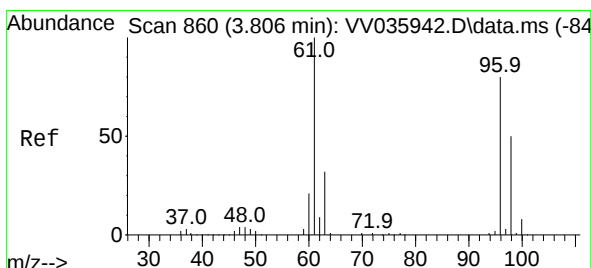
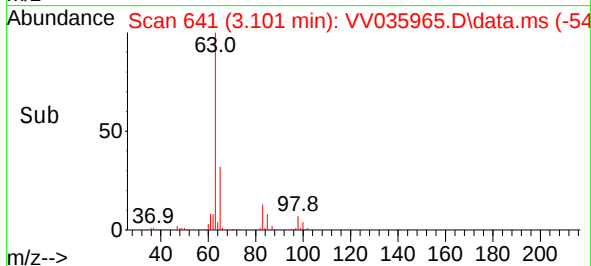
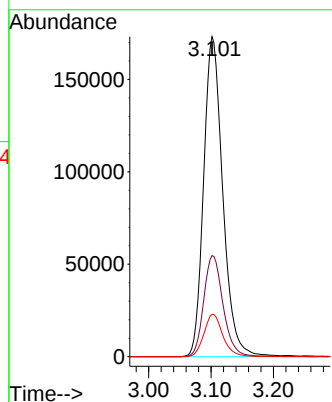
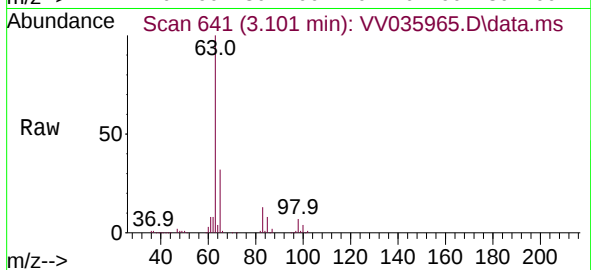
Tgt Ion: 63 Resp: 369676

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 23.303 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

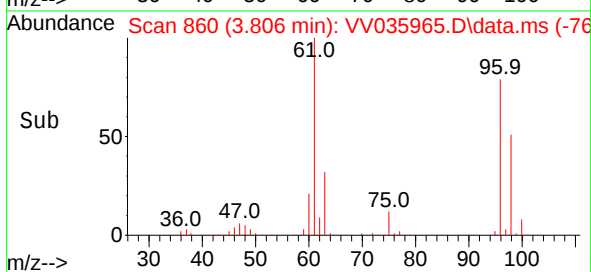
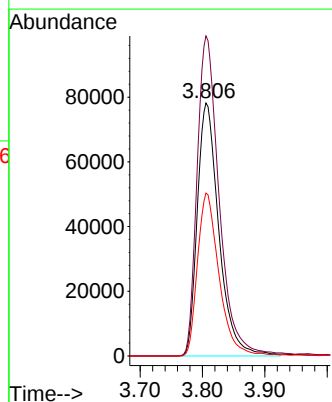
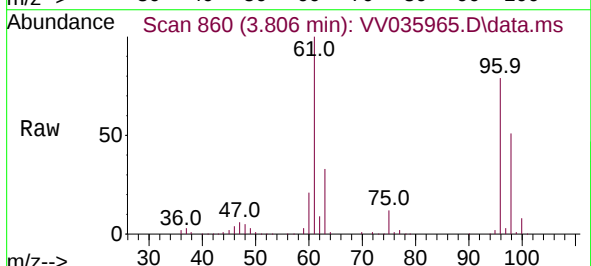
Tgt Ion: 96 Resp: 188474

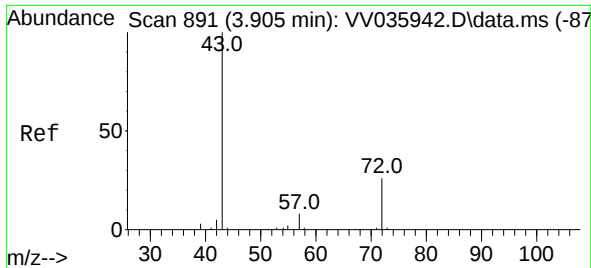
Ion Ratio Lower Upper

96 100

61 126.5 87.9 163.3

98 64.4 44.4 82.5

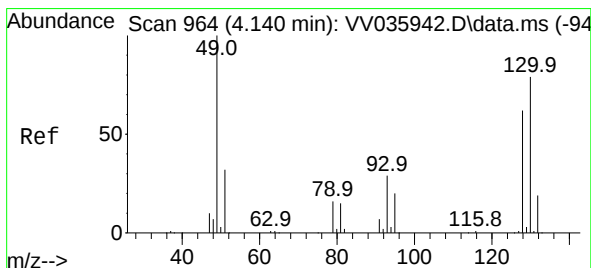
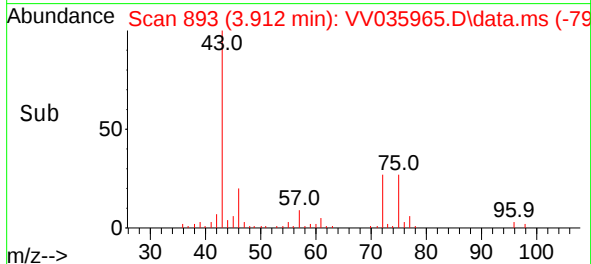
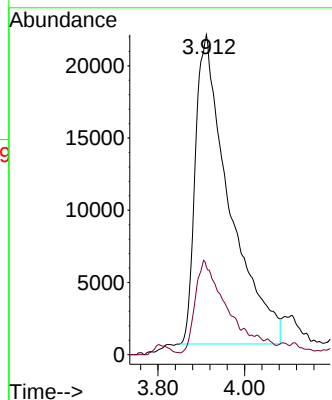
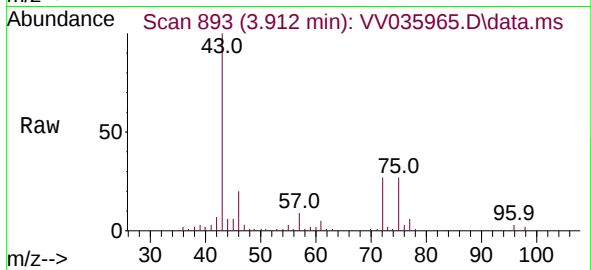




#22
2-Butanone
Concen: 44.040 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

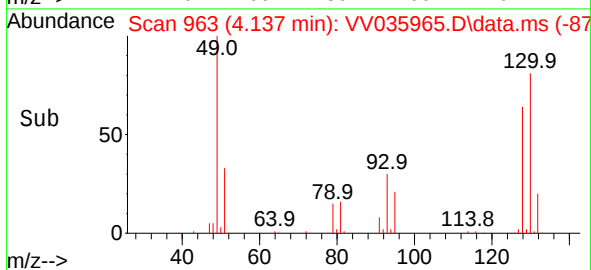
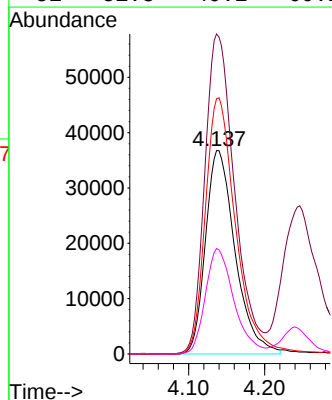
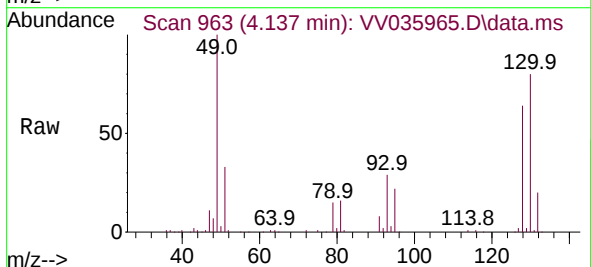
Instrument :
MSVOA_V
ClientSampleId :

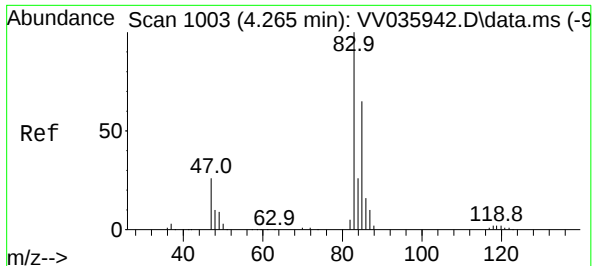
Tgt Ion: 43 Resp: 116183
Ion Ratio Lower Upper
43 100
72 24.6 8.2 24.4#



#23
Bromochloromethane
Concen: 24.519 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion:128 Resp: 99473
Ion Ratio Lower Upper
128 100
49 157.4 110.2 204.6
130 125.5 90.2 167.4
51 51.8 40.2 60.2





#25

Chloroform

Concen: 24.014 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

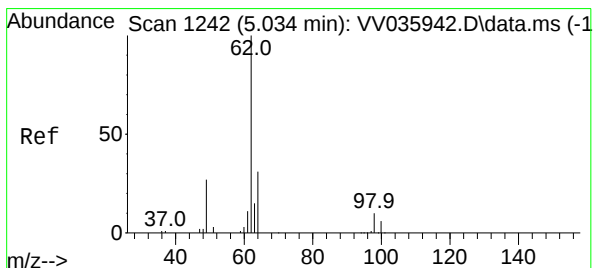
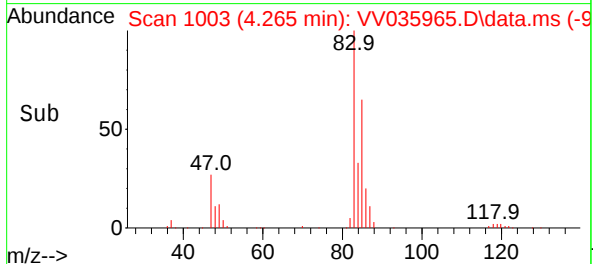
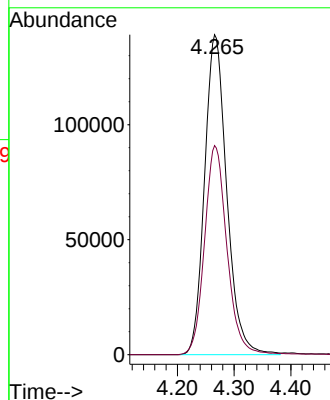
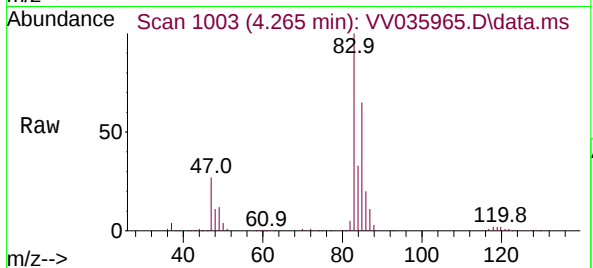
ClientSampleId :

Tgt Ion: 83 Resp: 378648

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 24.367 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV035965.D

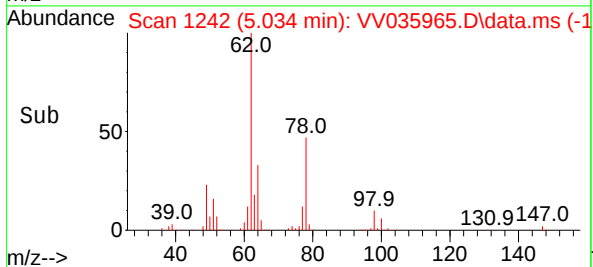
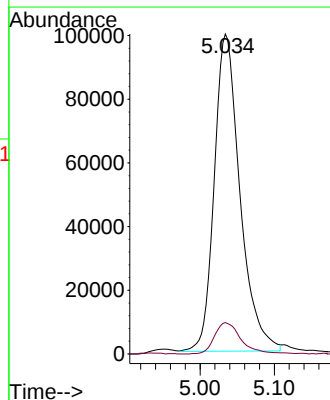
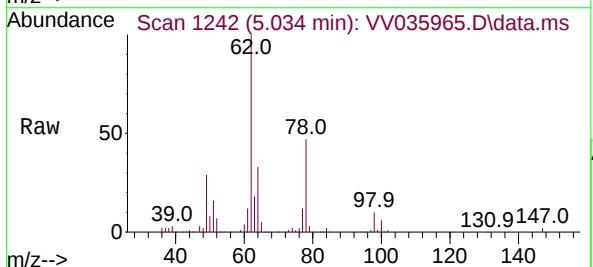
Acq: 04 Jun 2024 09:00

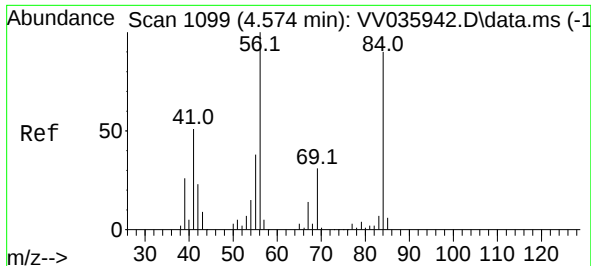
Tgt Ion: 62 Resp: 239875

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6





#29

Cyclohexane

Concen: 24.245 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

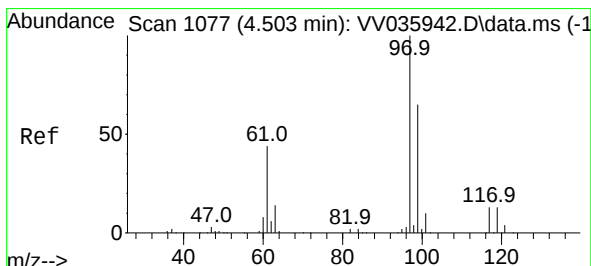
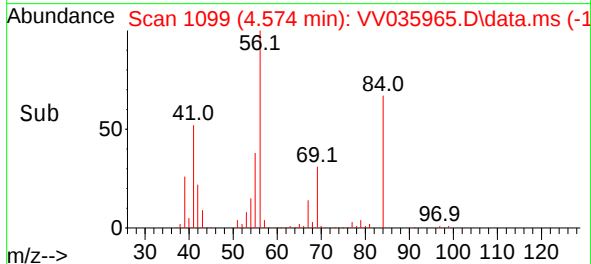
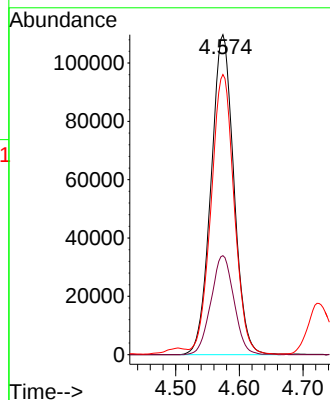
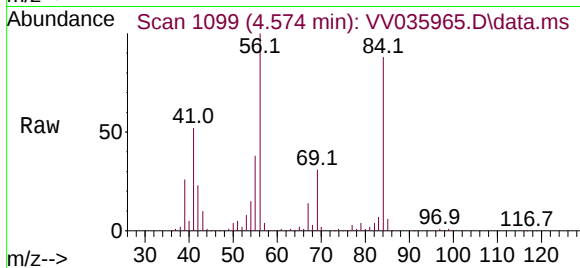
Tgt Ion: 56 Resp: 273509

Ion Ratio Lower Upper

56 100

69 31.1 25.2 37.8

84 88.2 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 23.848 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

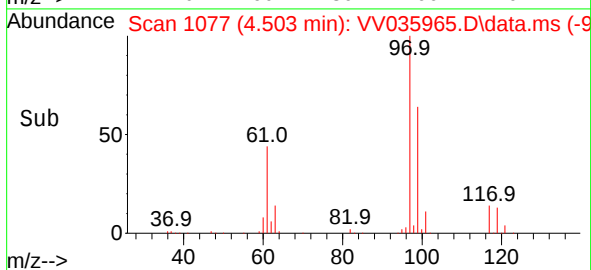
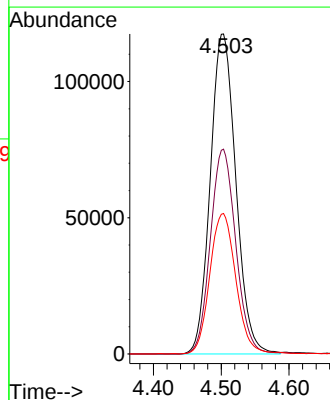
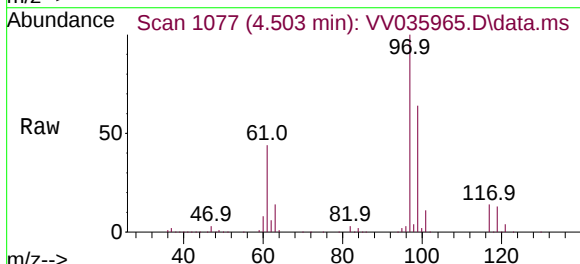
Tgt Ion: 97 Resp: 308902

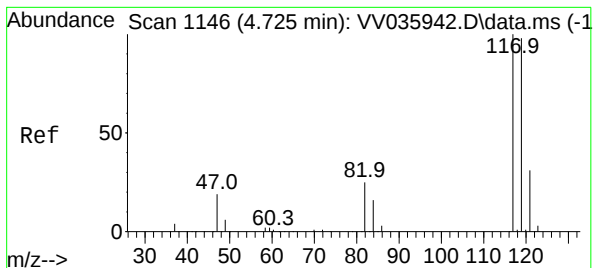
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 44.5 35.0 52.6





#31

Carbon tetrachloride

Concen: 23.965 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

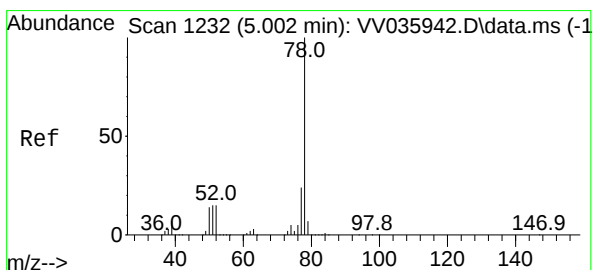
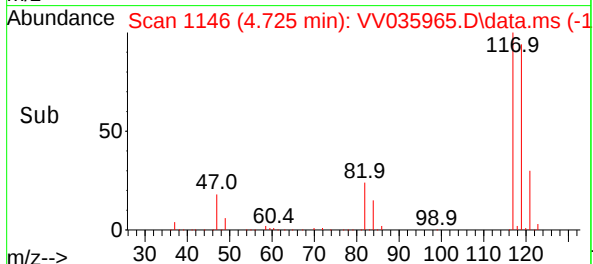
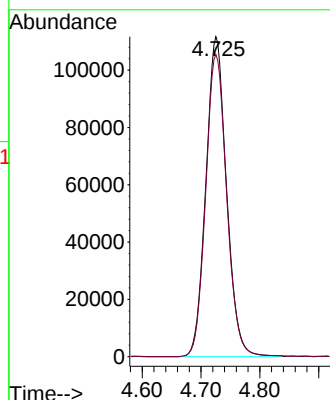
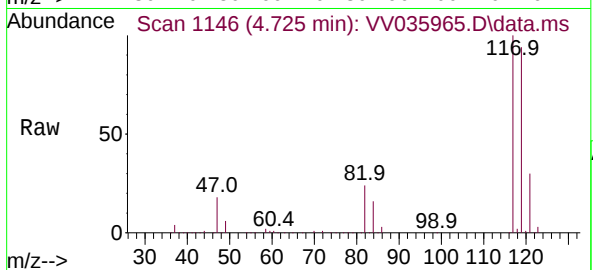
ClientSampleId :

Tgt Ion:117 Resp: 272320

Ion Ratio Lower Upper

117 100

119 95.9 76.8 115.2



#33

Benzene

Concen: 25.060 ug/L

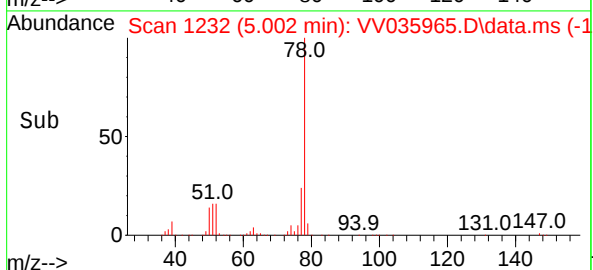
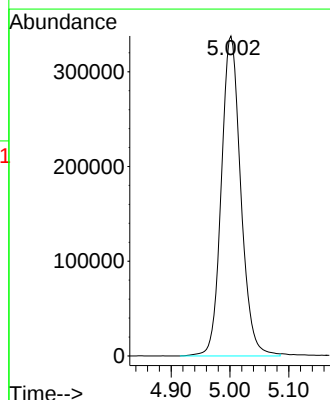
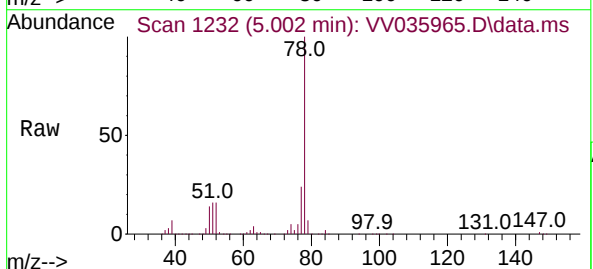
RT: 5.002 min Scan# 1232

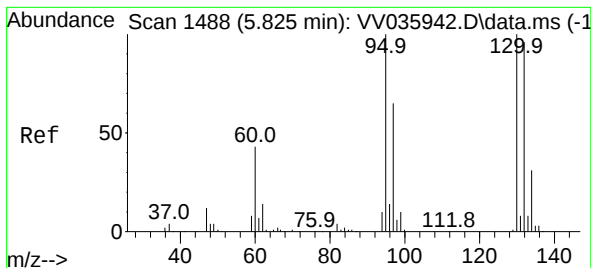
Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Tgt Ion: 78 Resp: 776554





#34

Trichloroethene

Concen: 24.155 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 229413

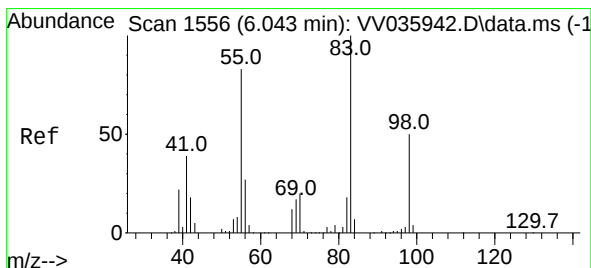
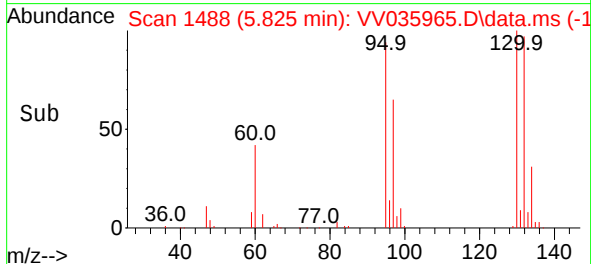
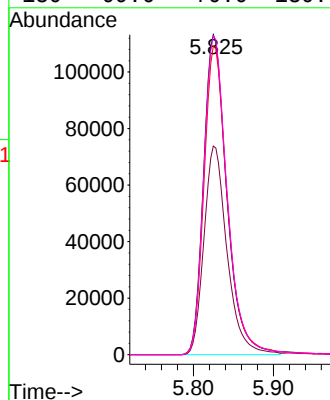
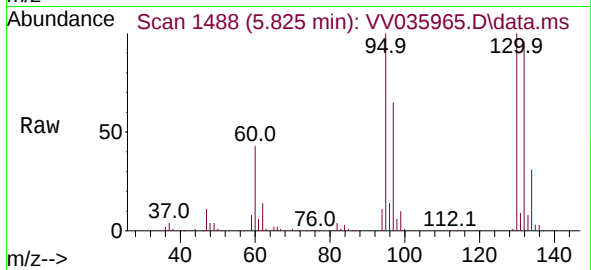
Ion Ratio Lower Upper

95 100

97 65.2 44.8 83.2

132 96.4 66.8 124.2

130 99.6 70.0 130.0



#35

Methylcyclohexane

Concen: 24.390 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

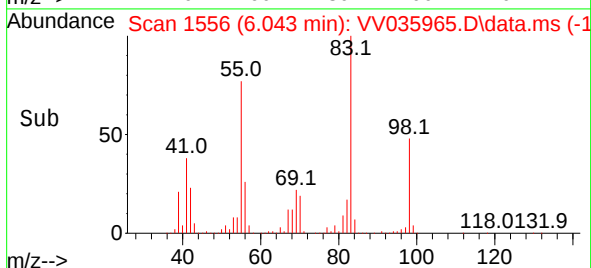
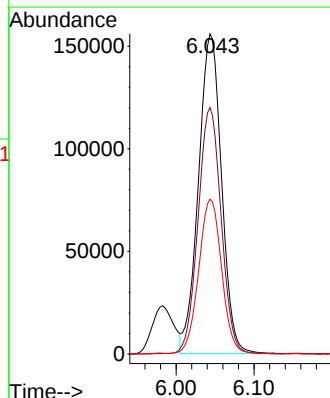
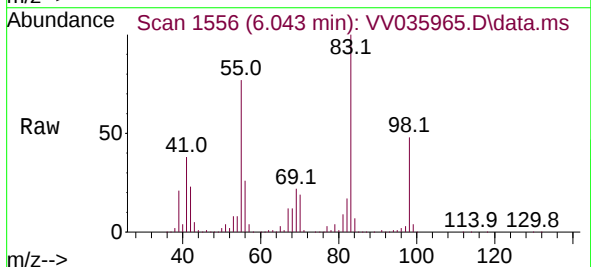
Tgt Ion: 83 Resp: 320338

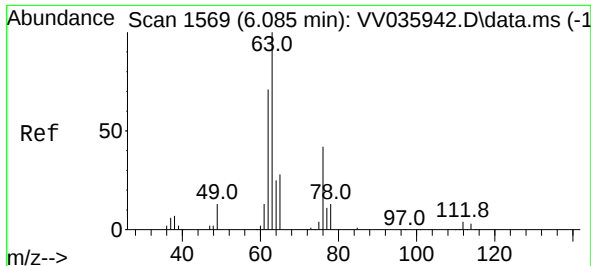
Ion Ratio Lower Upper

83 100

55 77.4 60.7 91.1

98 48.2 38.7 58.1

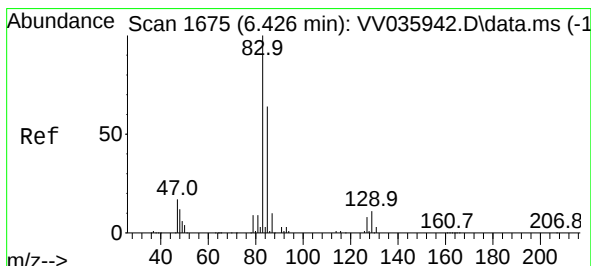
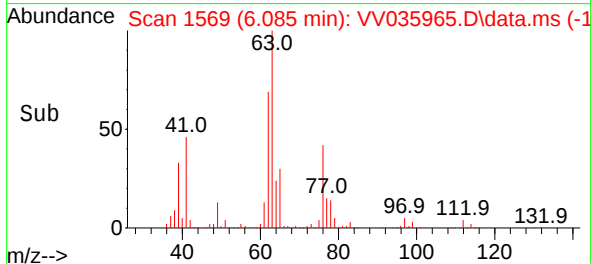
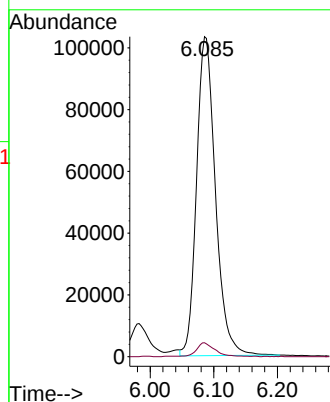
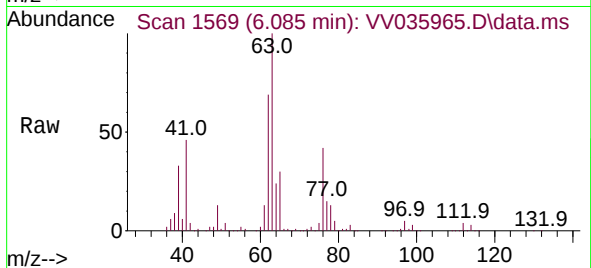




#37
1,2-Dichloropropane
Concen: 26.225 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

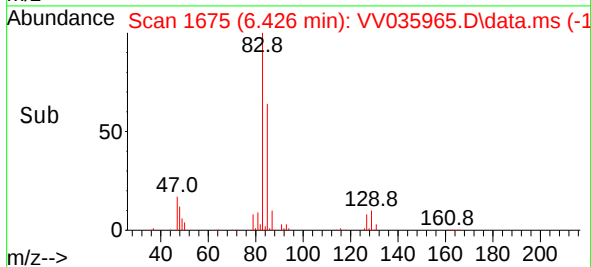
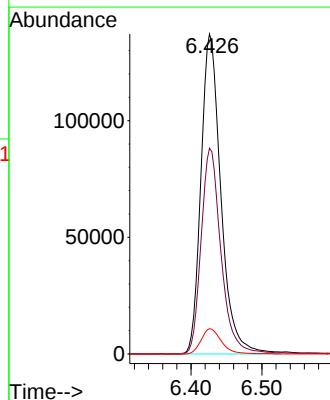
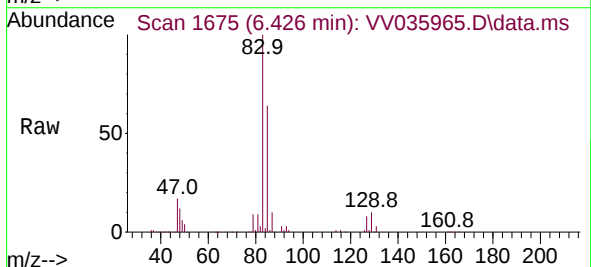
Instrument :
MSVOA_V
ClientSampleId :

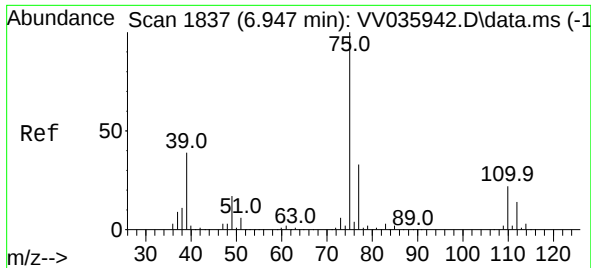
Tgt Ion: 63 Resp: 213389
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 24.898 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion: 83 Resp: 268144
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1
127 7.9 6.7 10.1

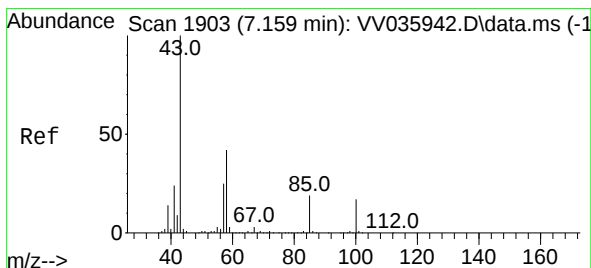
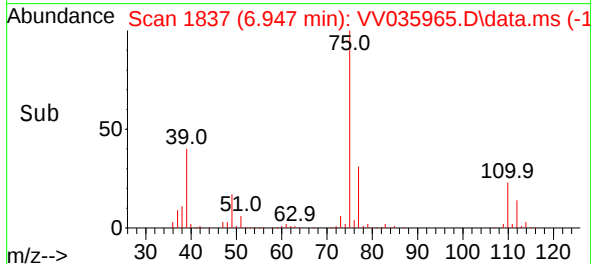
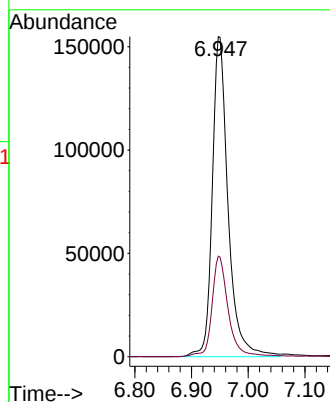
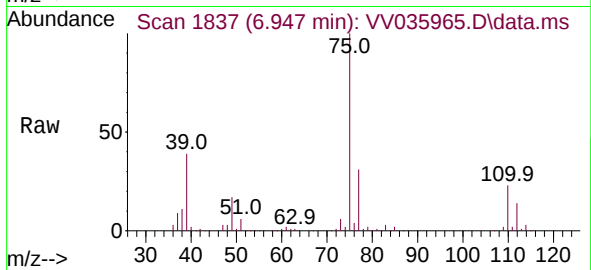




#39
 cis-1,3-Dichloropropene
 Concen: 24.667 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

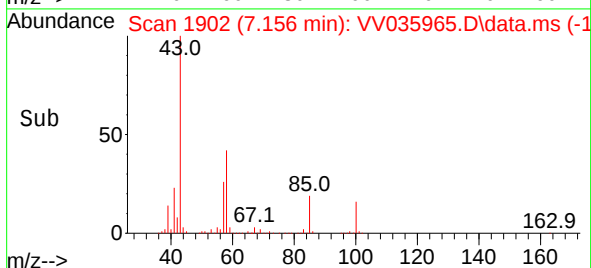
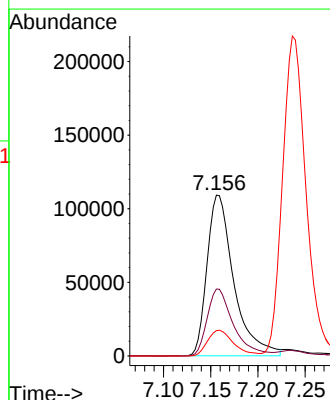
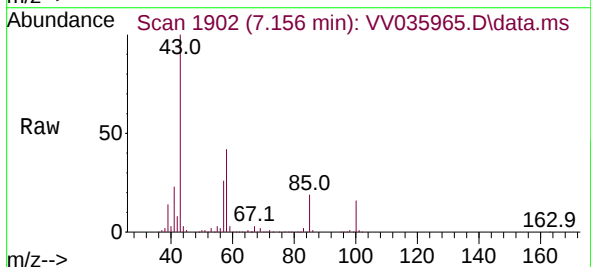
Instrument :
 MSVOA_V
 ClientSampleId :

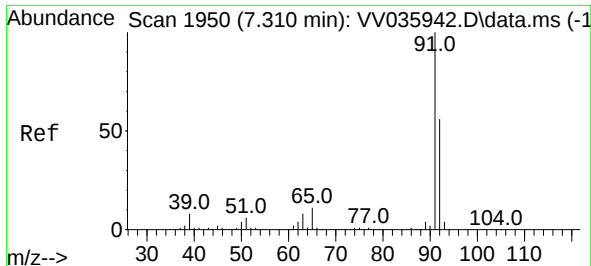
Tgt Ion: 75 Resp: 300194
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 48.775 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

Tgt Ion: 43 Resp: 215623
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.5 48.7
 100 15.6 12.5 18.7





#42

Toluene

Concen: 25.850 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

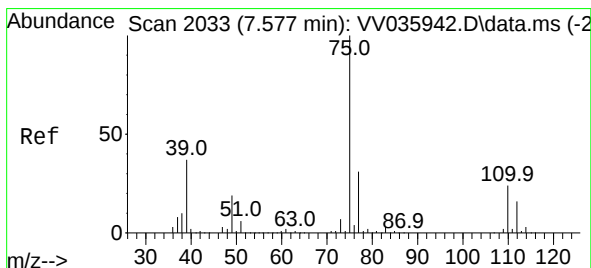
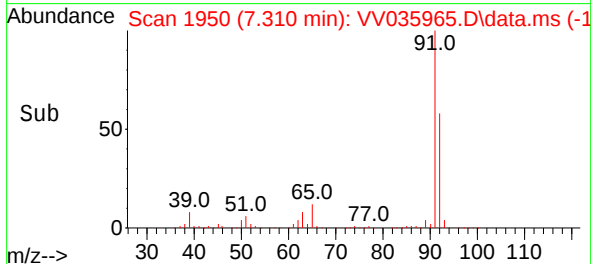
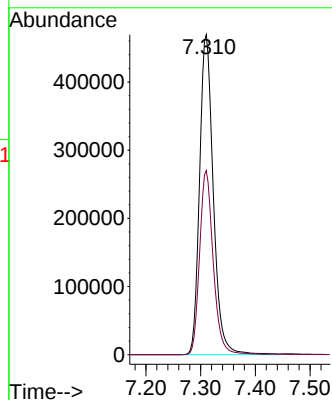
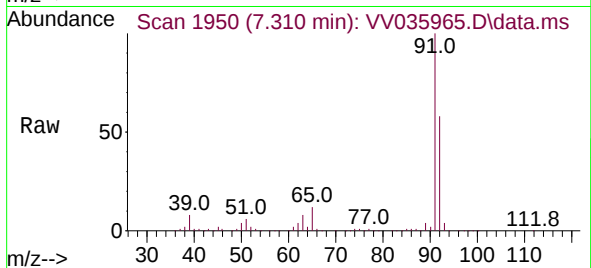
ClientSampleId :

Tgt Ion: 91 Resp: 818533

Ion Ratio Lower Upper

91 100

92 57.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 25.711 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035965.D

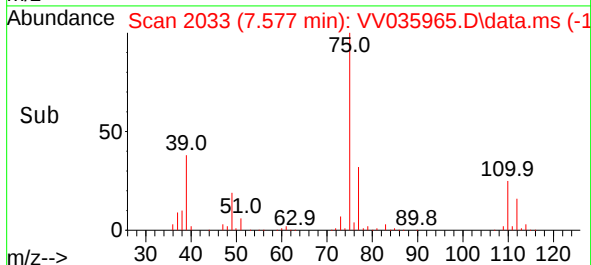
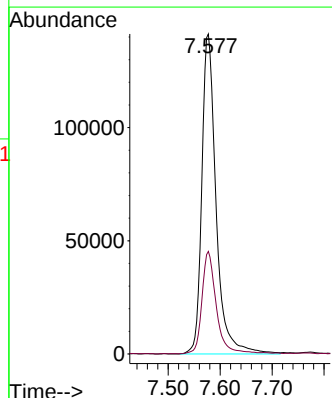
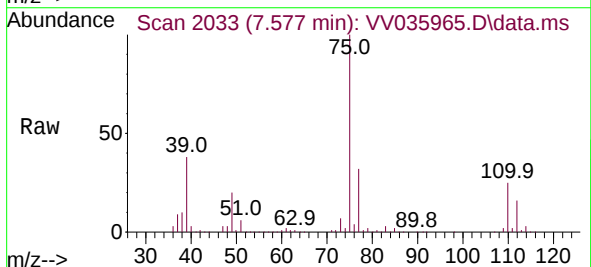
Acq: 04 Jun 2024 09:00

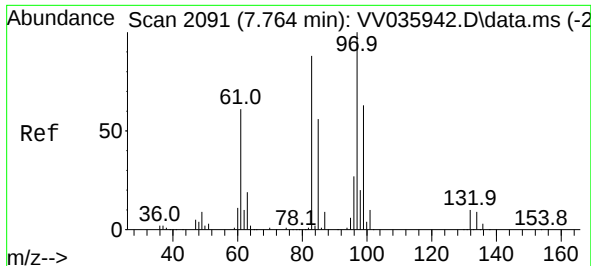
Tgt Ion: 75 Resp: 270275

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9

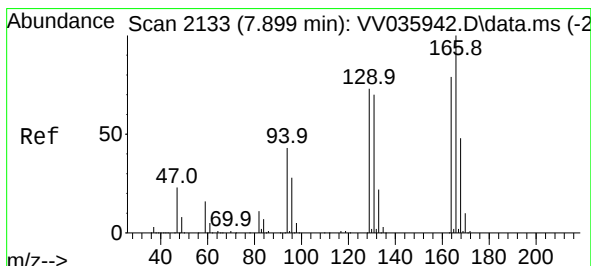
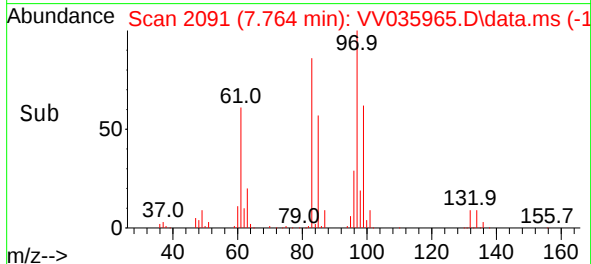
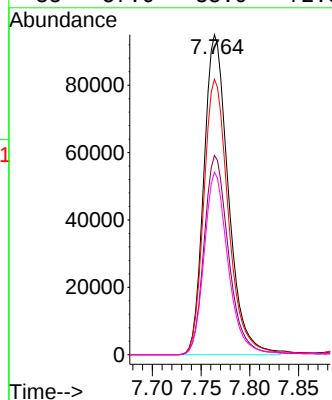
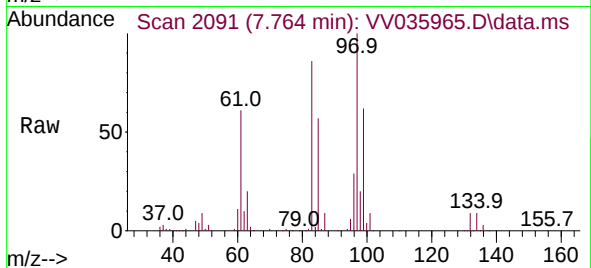




#45
1,1,2-Trichloroethane
Concen: 24.702 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

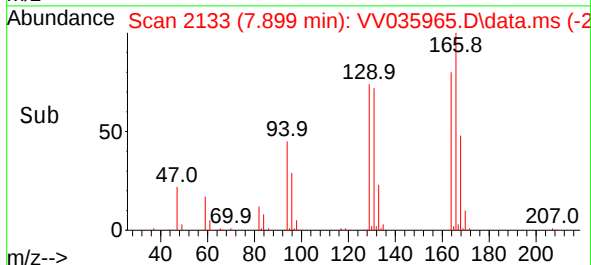
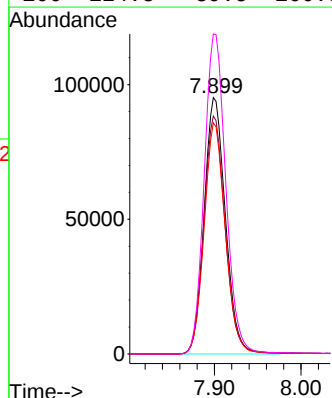
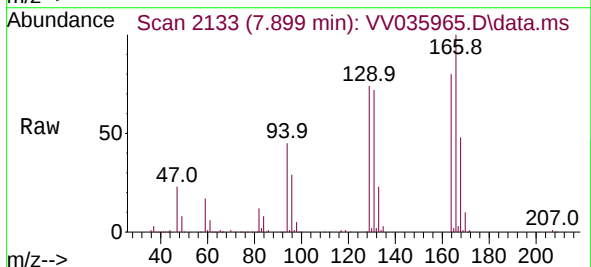
Instrument :
MSVOA_V
ClientSampleId :

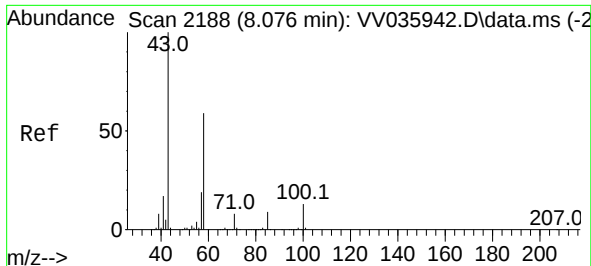
Tgt Ion:	97	Resp:	166307
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.5
83	86.1	60.1	111.7
85	57.0	38.9	72.3



#46
Tetrachloroethene
Concen: 23.465 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

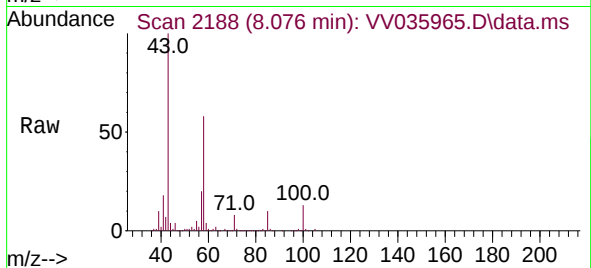
Tgt Ion:	164	Resp:	162991
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.6	120.0
131	90.2	63.2	117.4
166	124.8	89.5	166.3



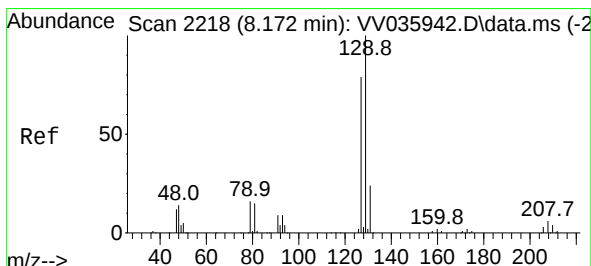
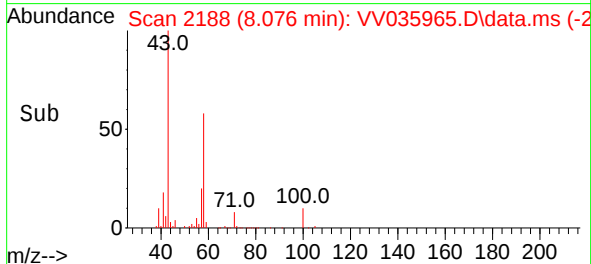
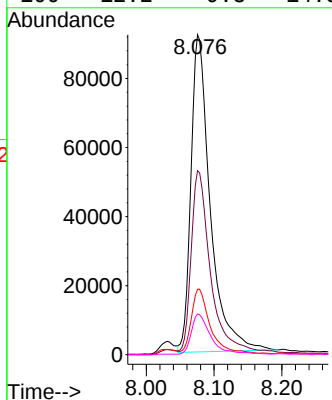


#48
2-Hexanone
Concen: 52.607 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Instrument :
MSVOA_V
ClientSampleId :

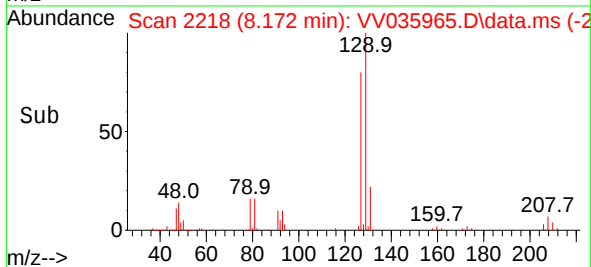
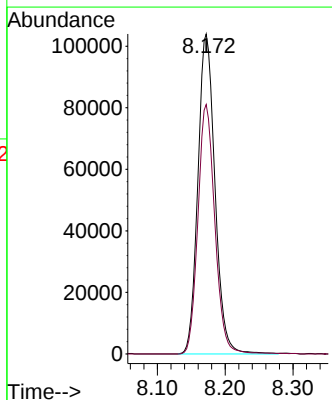
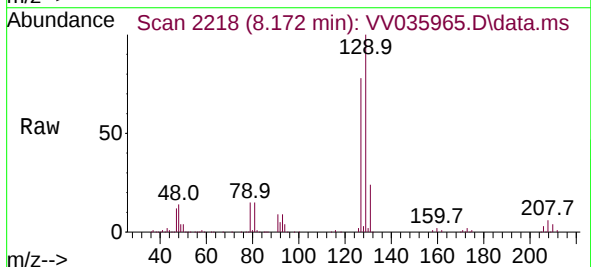


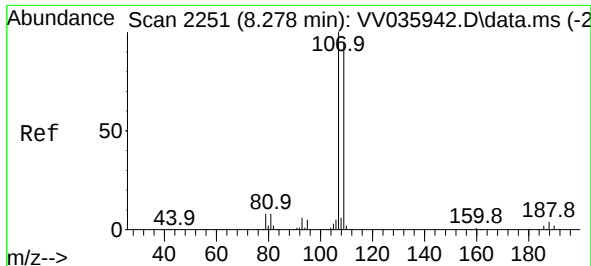
Tgt Ion: 43 Resp: 181815
Ion Ratio Lower Upper
43 100
58 56.2 45.4 68.0
57 18.3 15.8 23.8
100 12.2 9.8 14.8



#49
Dibromochloromethane
Concen: 24.748 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion: 129 Resp: 182349
Ion Ratio Lower Upper
129 100
127 77.9 53.9 100.1

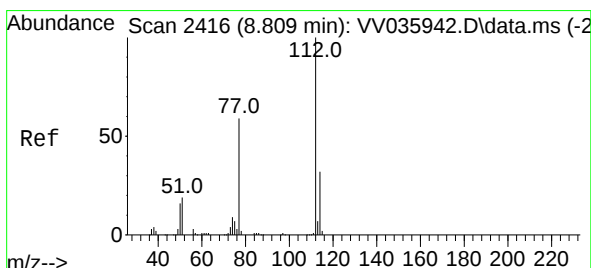
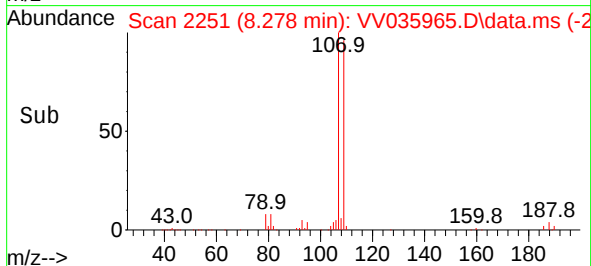
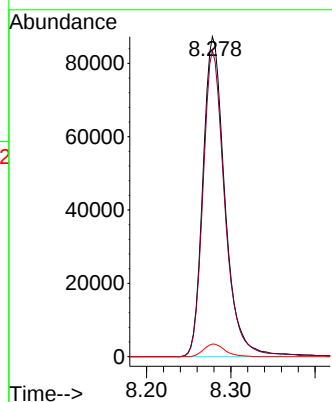
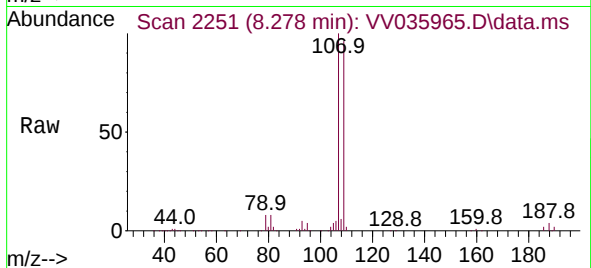




#50
1,2-Dibromoethane
Concen: 24.469 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

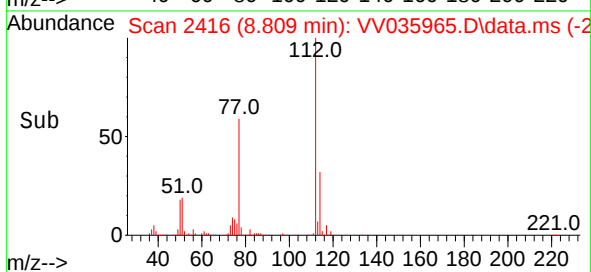
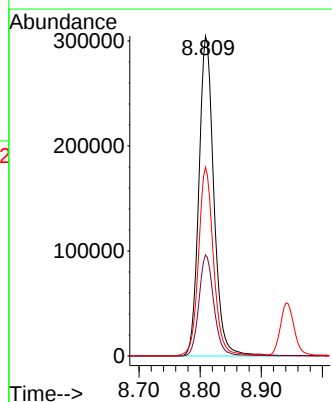
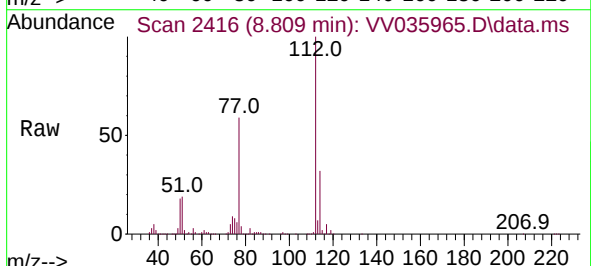
Instrument :
MSVOA_V
ClientSampleId :

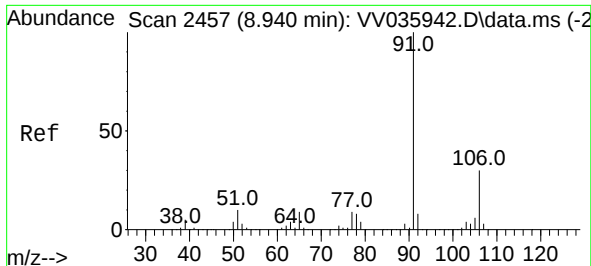
Tgt Ion:107 Resp: 158067
Ion Ratio Lower Upper
107 100
109 95.7 66.1 122.7
188 3.9 3.0 4.6



#51
Chlorobenzene
Concen: 24.002 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion:112 Resp: 517837
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 59.0 47.3 70.9





#52

Ethylbenzene

Concen: 24.955 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

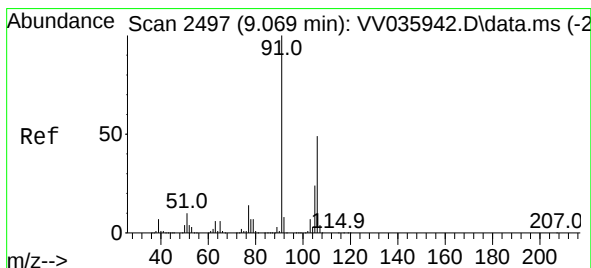
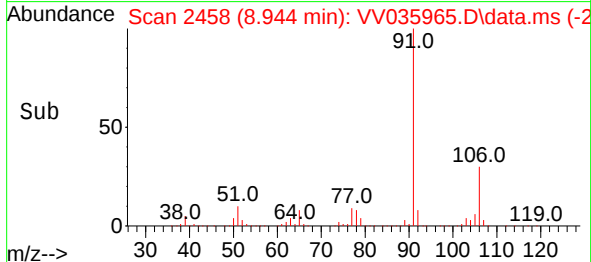
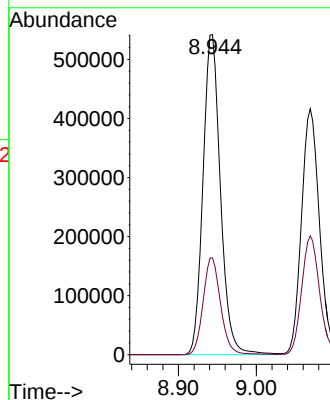
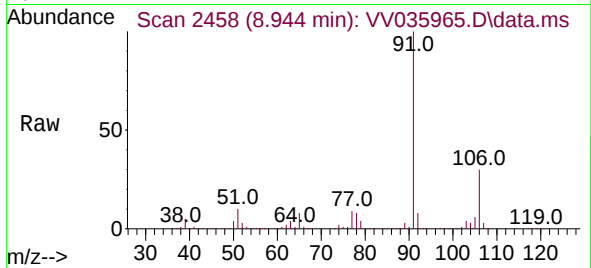
ClientSampleId :

Tgt Ion: 91 Resp: 845409

Ion Ratio Lower Upper

91 100

106 30.2 21.6 40.0



#53

m,p-Xylene

Concen: 25.490 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV035965.D

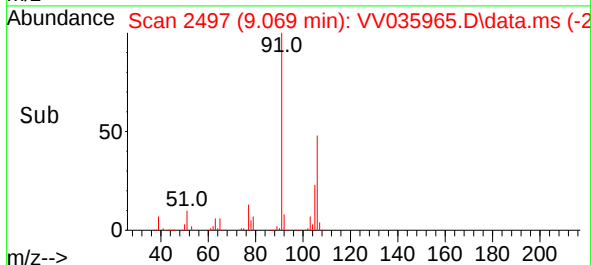
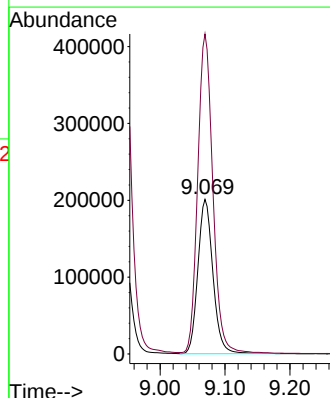
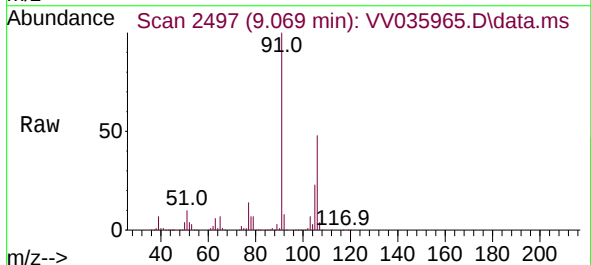
Acq: 04 Jun 2024 09:00

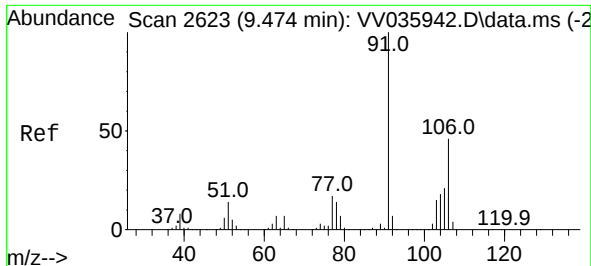
Tgt Ion:106 Resp: 324473

Ion Ratio Lower Upper

106 100

91 207.0 143.1 265.9

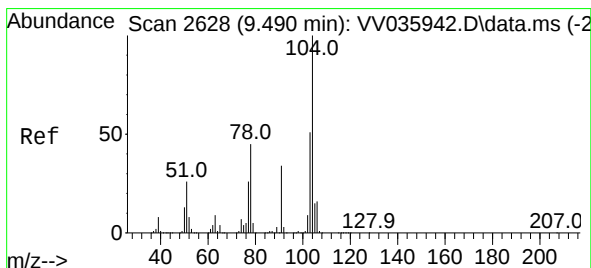
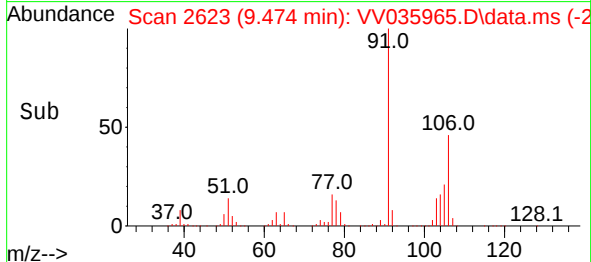
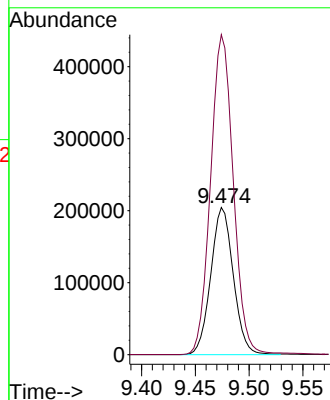
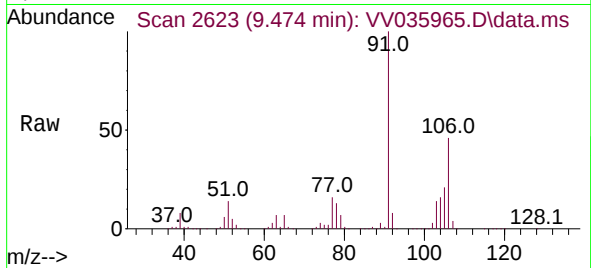




#54
o-Xylene
Concen: 24.869 ug/L
RT: 9.474 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

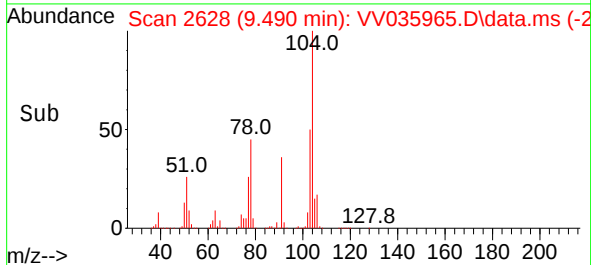
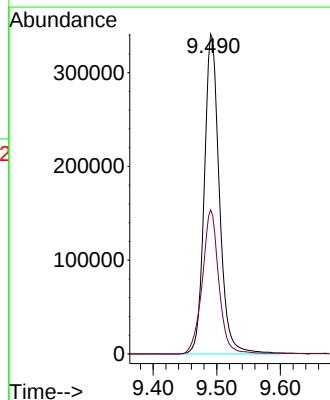
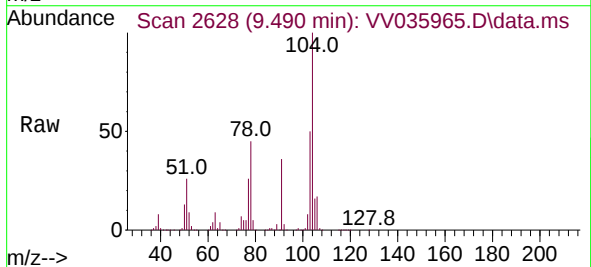
Instrument :
MSVOA_V
ClientSampleId :

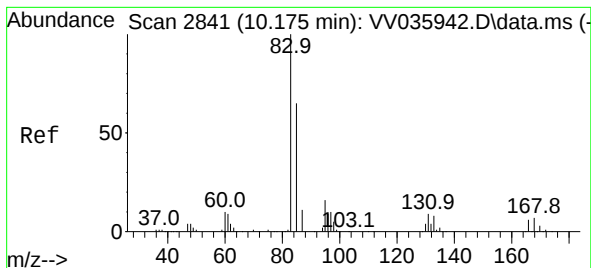
Tgt Ion:106 Resp: 298533
Ion Ratio Lower Upper
106 100
91 217.3 154.5 286.9



#55
Styrene
Concen: 26.597 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion:104 Resp: 563034
Ion Ratio Lower Upper
104 100
78 45.1 31.4 58.2

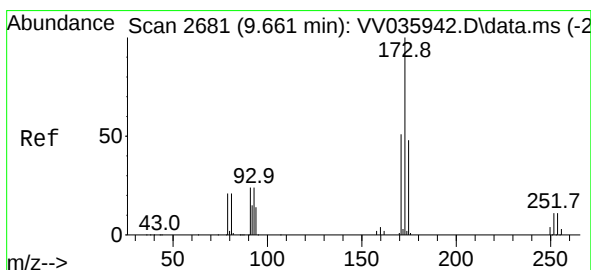
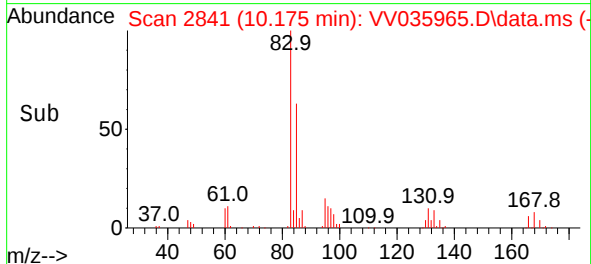
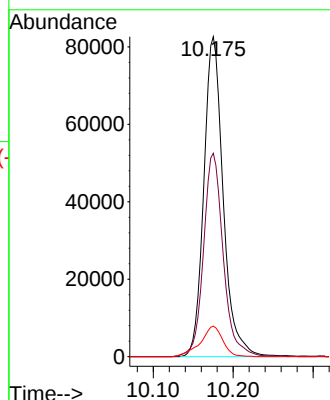
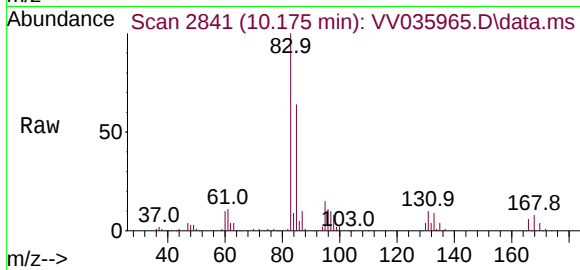




#57
1,1,2,2-Tetrachloroethane
Concen: 23.147 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

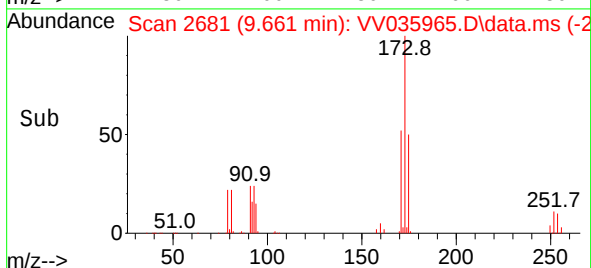
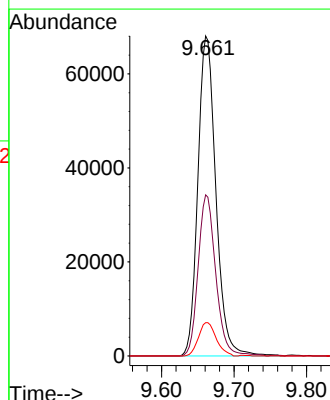
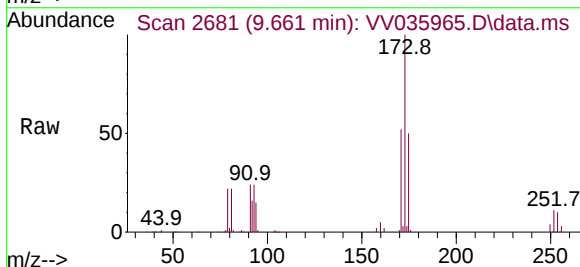
Instrument :
MSVOA_V
ClientSampleId :

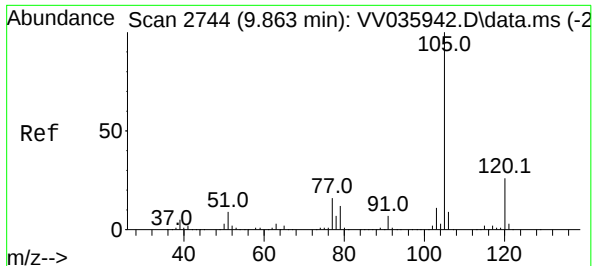
Tgt Ion: 83 Resp: 139537
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
131 9.6 7.6 11.4



#59
Bromoform
Concen: 24.264 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV035965.D
Acq: 04 Jun 2024 09:00

Tgt Ion: 173 Resp: 117381
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.6
254 10.3 8.6 13.0





#60

Isopropylbenzene

Concen: 24.655 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

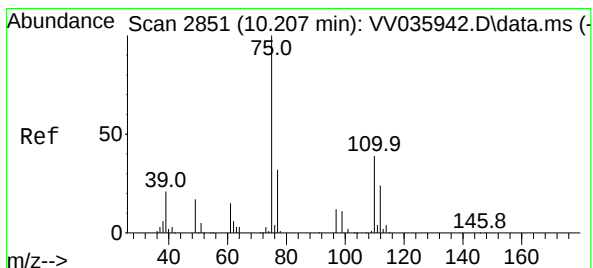
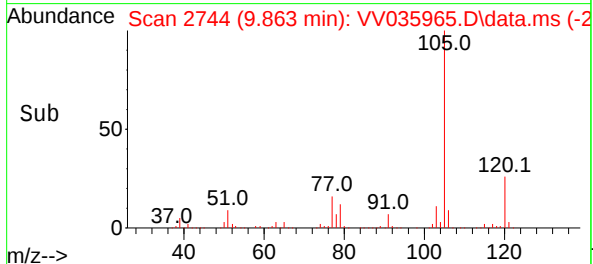
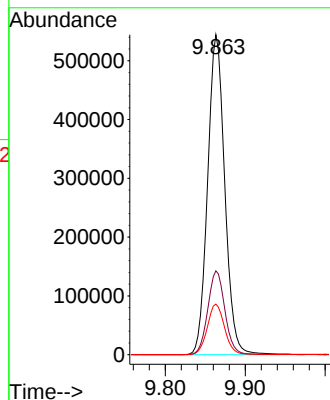
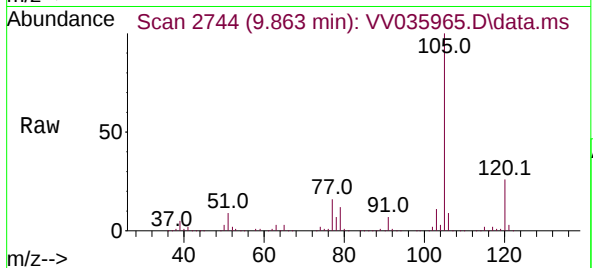
Tgt Ion:105 Resp: 811387

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 15.8 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 24.311 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

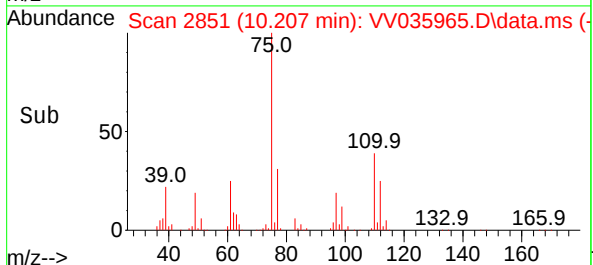
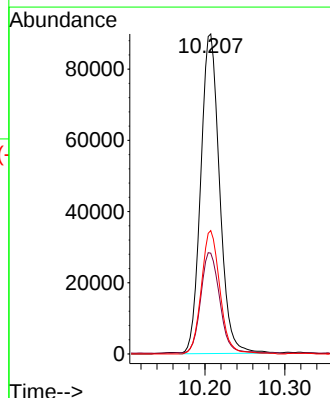
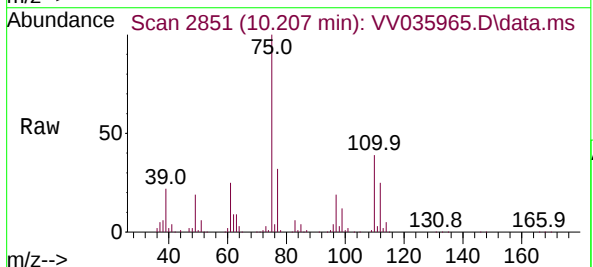
Tgt Ion: 75 Resp: 147491

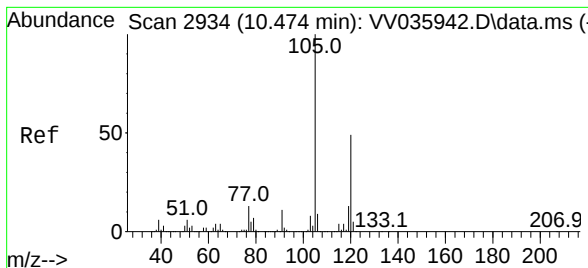
Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

110 38.1 32.2 48.4

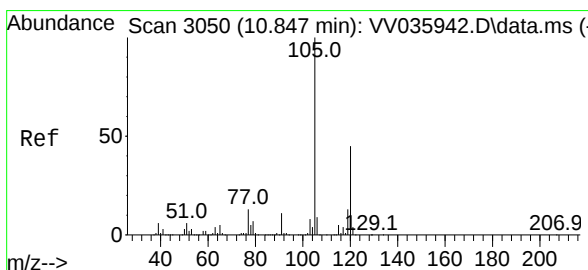
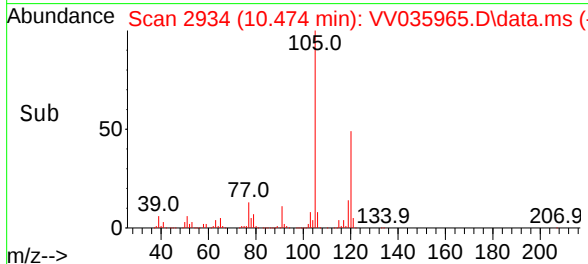
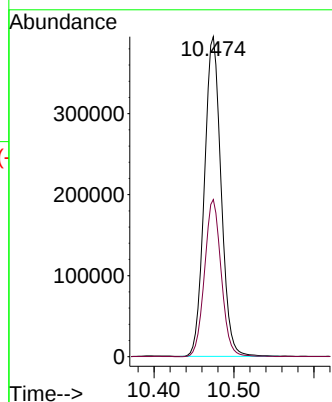
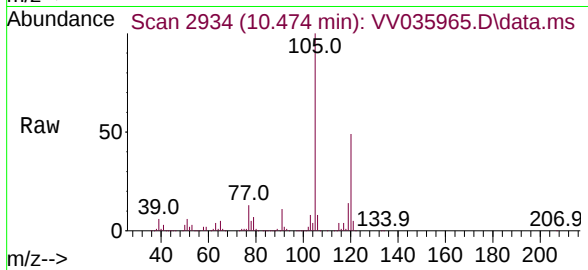




#62
 1,3,5-Trimethylbenzene
 Concen: 24.061 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. -0.000 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

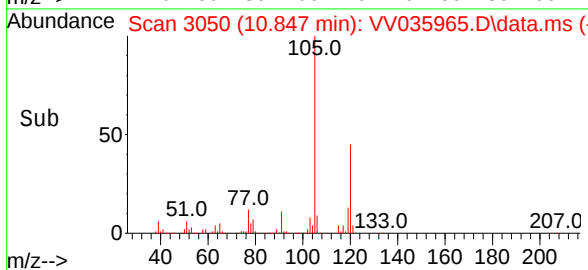
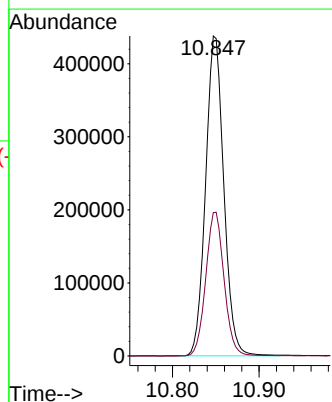
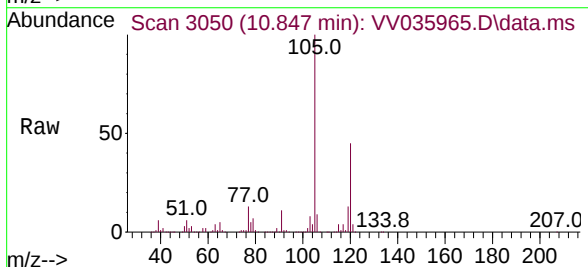
Instrument :
 MSVOA_V
 ClientSampleId :

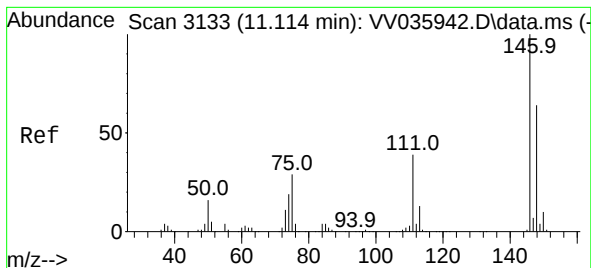
Tgt Ion:105 Resp: 574203
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 24.885 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VV035965.D
 Acq: 04 Jun 2024 09:00

Tgt Ion:105 Resp: 639828
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 23.592 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

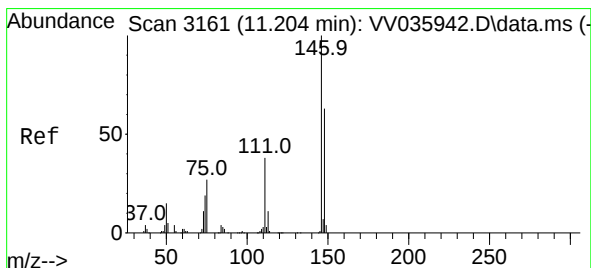
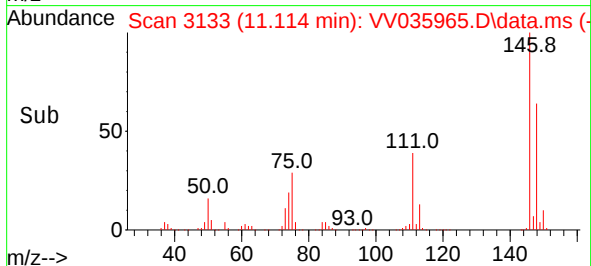
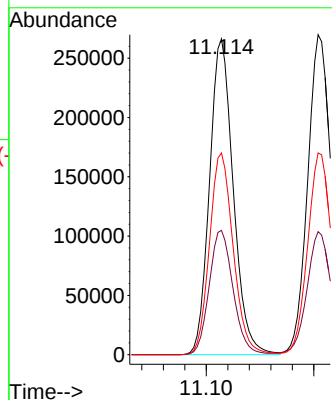
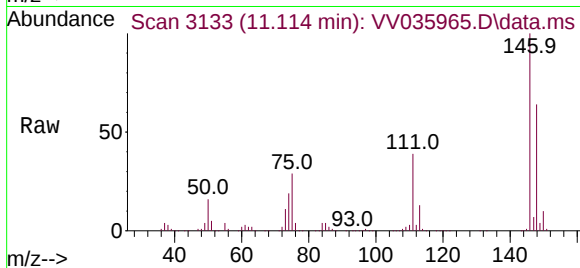
Tgt Ion:146 Resp: 407745

Ion Ratio Lower Upper

146 100

111 39.4 28.1 52.1

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 23.757 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

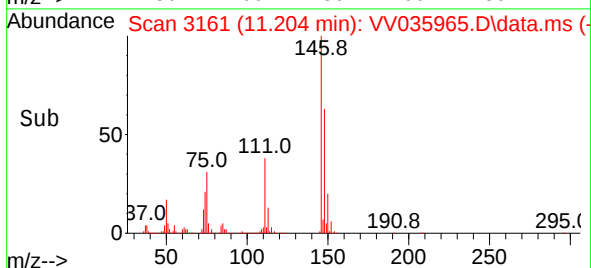
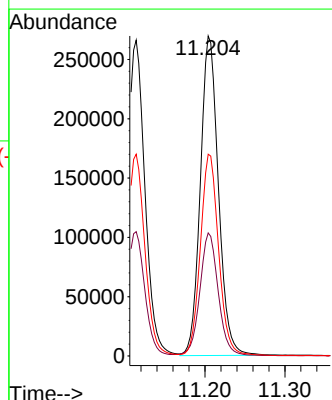
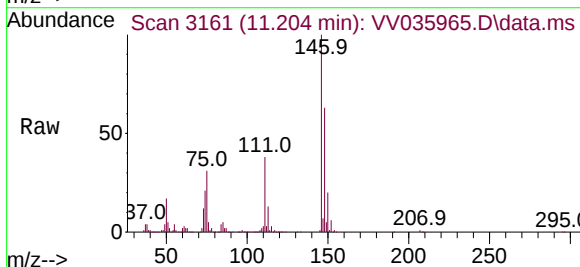
Tgt Ion:146 Resp: 423797

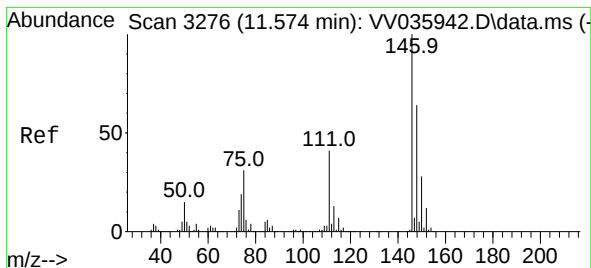
Ion Ratio Lower Upper

146 100

111 38.4 26.9 50.1

148 63.0 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 23.631 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

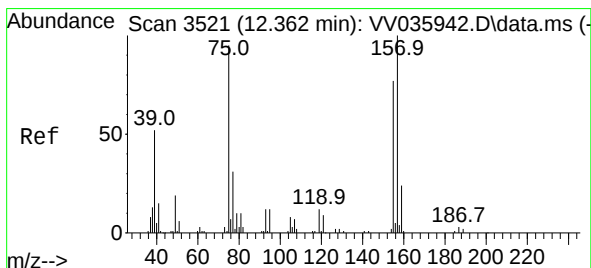
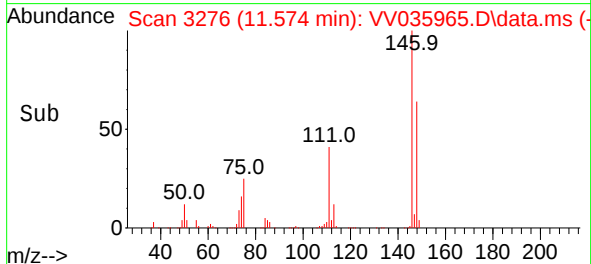
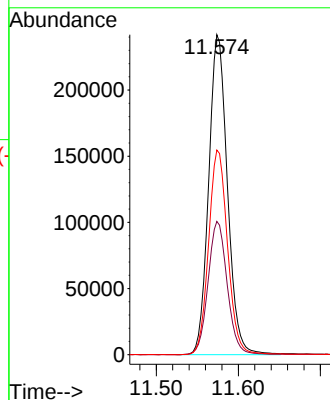
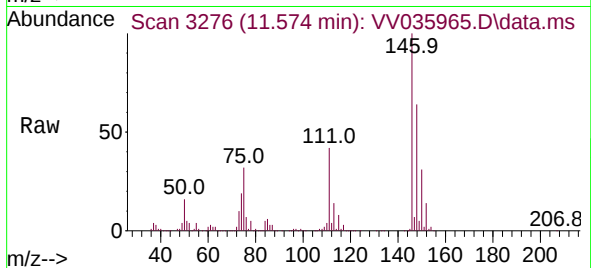
Tgt Ion:146 Resp: 384333

Ion Ratio Lower Upper

146 100

111 41.7 33.5 50.3

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 22.702 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

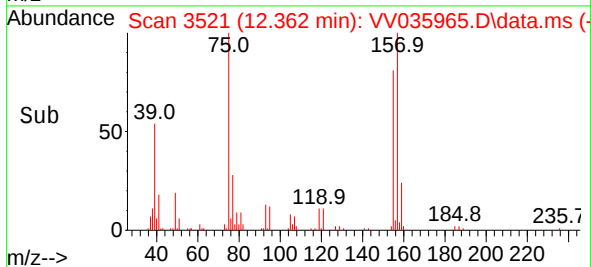
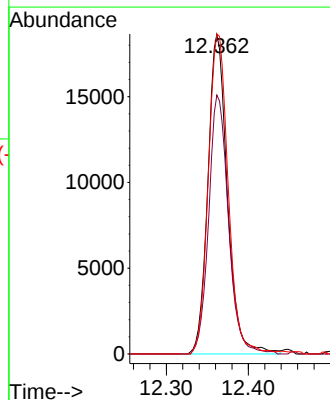
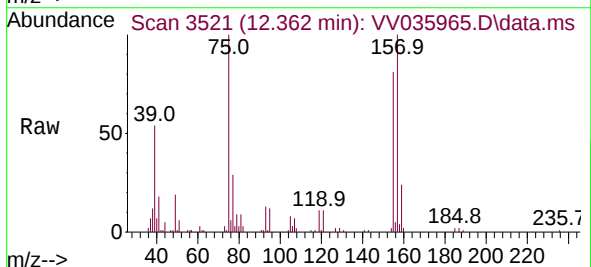
Tgt Ion: 75 Resp: 30799

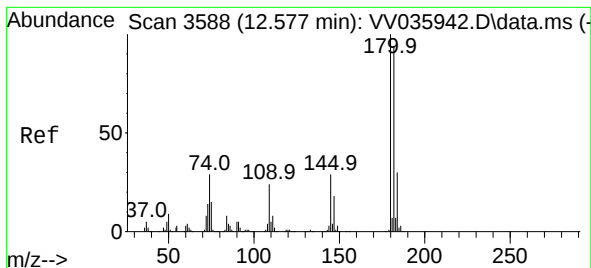
Ion Ratio Lower Upper

75 100

155 81.0 63.3 94.9

157 100.2 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 22.564 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

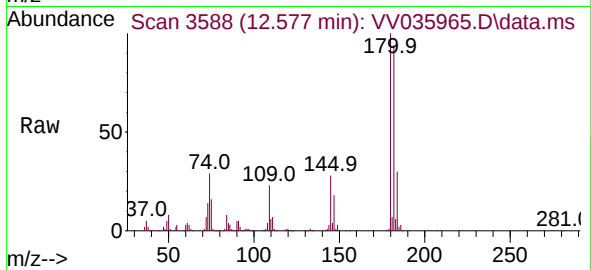
Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 291709

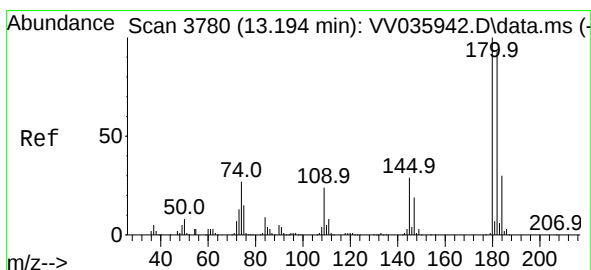
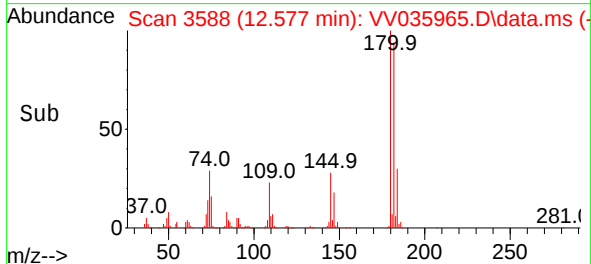
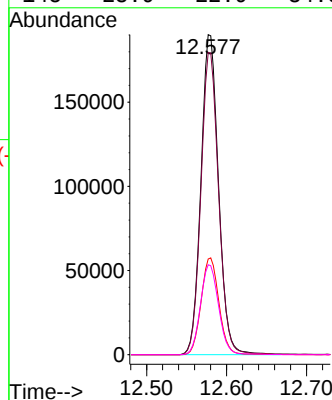
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.4

184 30.4 24.2 36.2

145 28.9 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 21.151 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

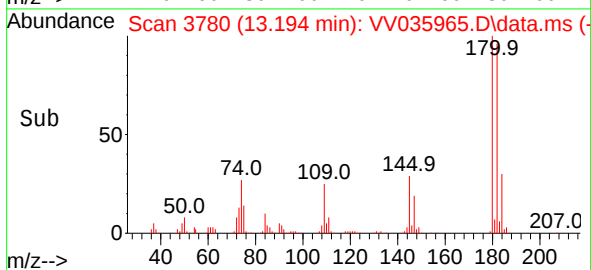
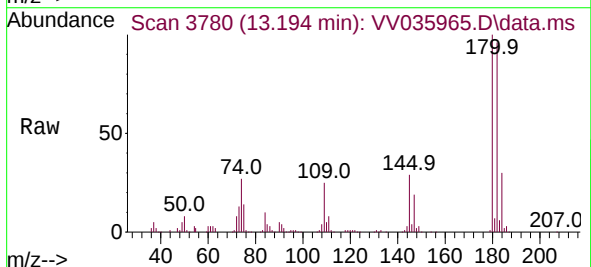
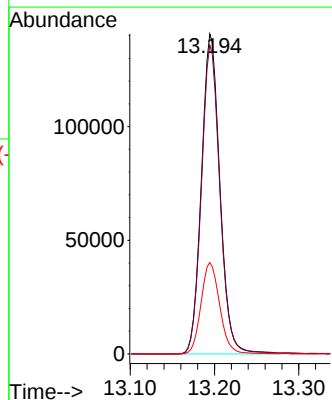
Tgt Ion:180 Resp: 215294

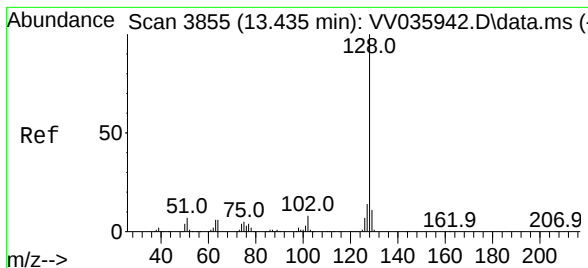
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 28.9 23.5 35.3





#71

Naphthalene

Concen: 21.294 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Instrument :

MSVOA_V

ClientSampleId :

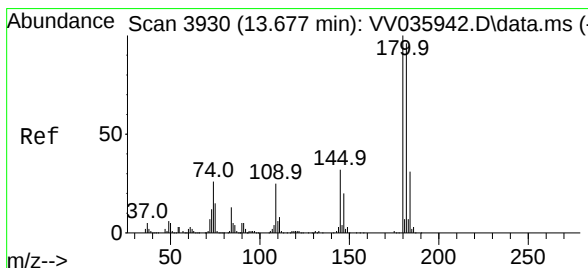
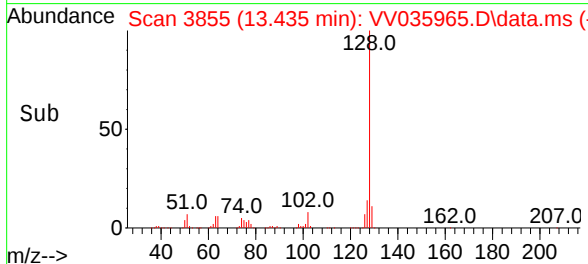
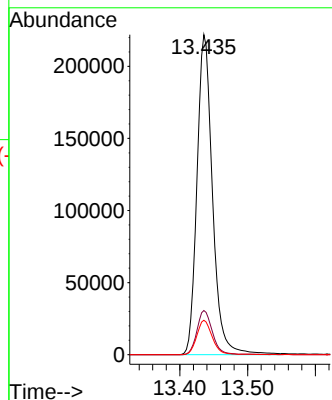
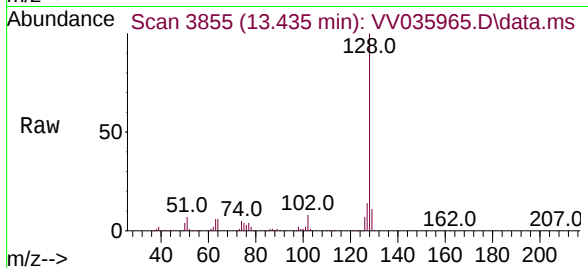
Tgt Ion:128 Resp: 353728

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.230 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035965.D

Acq: 04 Jun 2024 09:00

Tgt Ion:180 Resp: 206487

Ion Ratio Lower Upper

180 100

182 94.6 75.1 112.7

145 30.9 25.2 37.8

