

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033019.D
 Acq On : 20 Nov 2023 13:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:34:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	382994	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	377267	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	226024	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	95471	47.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.360%
7) Chloroethane-d5	1.529	69	74358	48.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	2.057	65	38822	47.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.760%
21) 2-Butanone-d5	3.780	46	123124	96.639	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.640%
24) Chloroform-d	4.246	84	241084	48.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	4.937	65	146618	47.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
32) Benzene-d6	4.957	84	449521	51.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.340%
36) 1,2-Dichloropropane-d6	5.986	67	130088	52.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.440%
41) Toluene-d8	7.240	98	424988	50.673	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.340%
43) trans-1,3-Dichloroprop...	7.548	79	74689	51.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.700%
47) 2-Hexanone-d5	8.021	63	104296	101.167	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.170%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	179841	47.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	200125	49.652	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	192378	46.493	ug/L	98
3) Chloromethane	1.214	50	145014	46.962	ug/L	98
5) Vinyl chloride	1.282	62	135510	47.307	ug/L	99
6) Bromomethane	1.484	94	89955	47.524	ug/L	98
8) Chloroethane	1.545	64	73633	46.475	ug/L	100
9) Trichlorofluoromethane	1.712	101	214009	46.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	109349	47.821	ug/L	99
12) 1,1-Dichloroethene	2.069	96	99213	46.991	ug/L	92
13) Acetone	2.108	43	109553	87.882	ug/L	100
14) Carbon disulfide	2.240	76	336275	47.889	ug/L	99
15) Methyl Acetate	2.368	43	103086	47.170	ug/L	96
16) Methylene chloride	2.446	84	139964	46.792	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	132972	49.212	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	422094	49.799	ug/L	99
19) 1,1-Dichloroethane	3.108	63	232021	48.071	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	146974	48.513	ug/L	99
22) 2-Butanone	3.857	43	150242	93.081	ug/L	98
23) Bromochloromethane	4.143	128	77504	46.512	ug/L	93
25) Chloroform	4.272	83	259052	47.685	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112023\
 Data File : VW033019.D
 Acq On : 20 Nov 2023 13:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:34:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

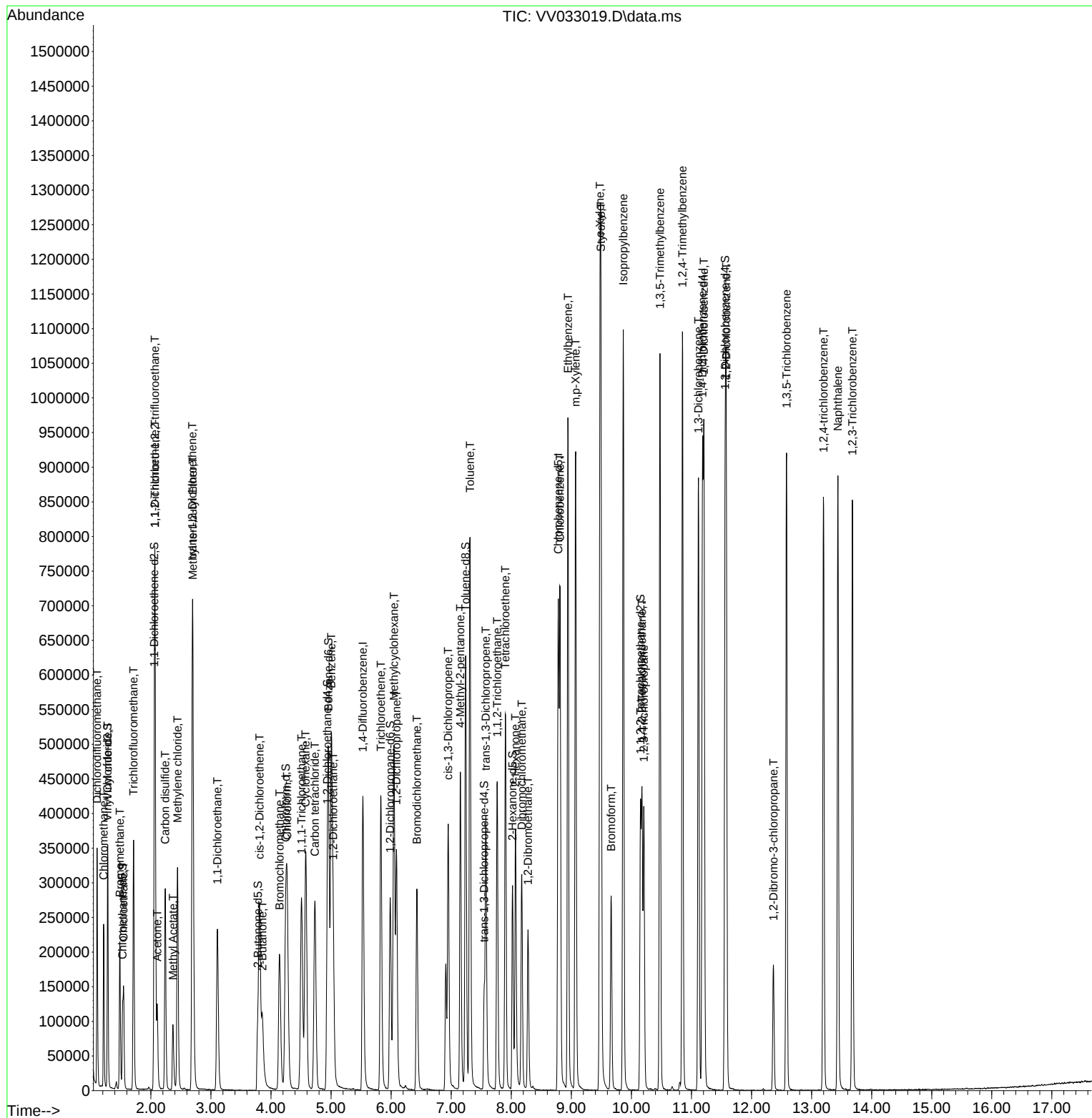
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	195819	46.206	ug/L	97
29) Cyclohexane	4.577	56	191296	52.555	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	238812	48.464	ug/L	99
31) Carbon tetrachloride	4.732	117	215272	46.880	ug/L	98
33) Benzene	5.005	78	527255	50.245	ug/L	100
34) Trichloroethene	5.828	95	147253	49.784	ug/L	97
35) Methylcyclohexane	6.047	83	220797	51.359	ug/L	99
37) 1,2-Dichloropropane	6.088	63	126623	49.161	ug/L	99
38) Bromodichloromethane	6.429	83	194911	48.703	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	230934	52.079	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	281378	99.872	ug/L	99
42) Toluene	7.314	91	587091	50.492	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	226857	50.912	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	139369	48.046	ug/L	98
46) Tetrachloroethene	7.902	164	124041	48.123	ug/L	97
48) 2-Hexanone	8.069	43	219243	98.363	ug/L	99
49) Dibromochloromethane	8.175	129	161522	48.313	ug/L	99
50) 1,2-Dibromoethane	8.278	107	148504	48.882	ug/L	99
51) Chlorobenzene	8.812	112	394809	47.850	ug/L	98
52) Ethylbenzene	8.944	91	665218	49.837	ug/L	98
53) m,p-Xylene	9.072	106	260382	49.650	ug/L	95
54) o-Xylene	9.477	106	253052	50.127	ug/L	99
55) Styrene	9.493	104	452274	50.224	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	194216	47.396	ug/L	99
59) Bromoform	9.664	173	125233	47.543	ug/L	100
60) Isopropylbenzene	9.866	105	694695	50.700	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	152789	46.859	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	565768	51.464	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	594498	51.620	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	355939	48.486	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	366969	47.028	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	356503	48.397	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44373	46.780	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	281744	49.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	267373	51.119	ug/L	97
71) Naphthalene	13.439	128	682688	52.772	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	257699	50.817	ug/L	100

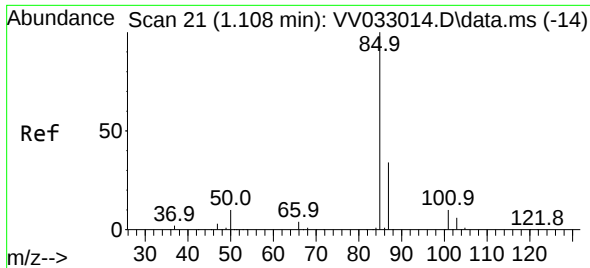
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112023\
 Data File : VV033019.D
 Acq On : 20 Nov 2023 13:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 20 23:34:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:27:49 2023
 Response via : Initial Calibration

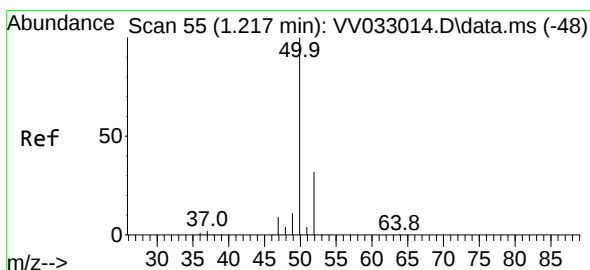
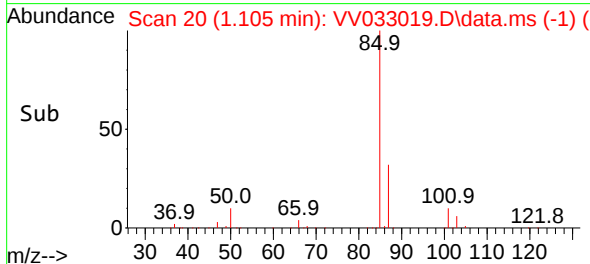
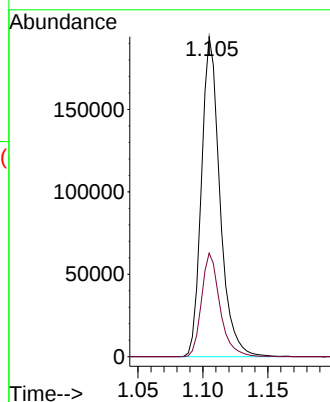
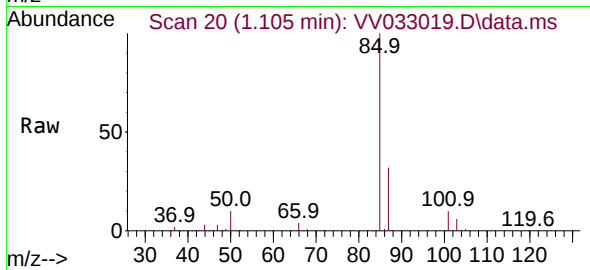




#2
 Dichlorodifluoromethane
 Concen: 46.493 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

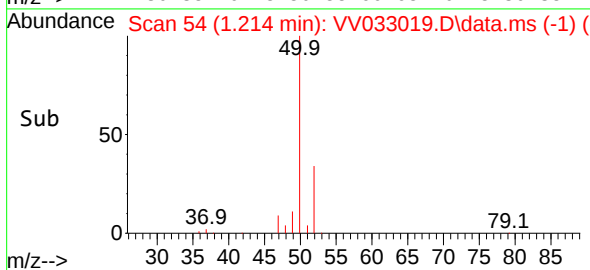
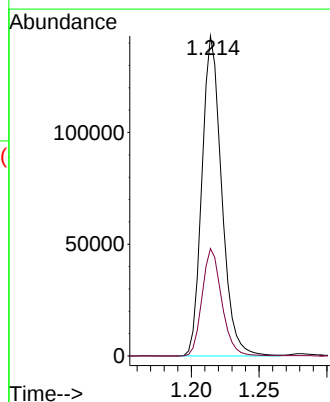
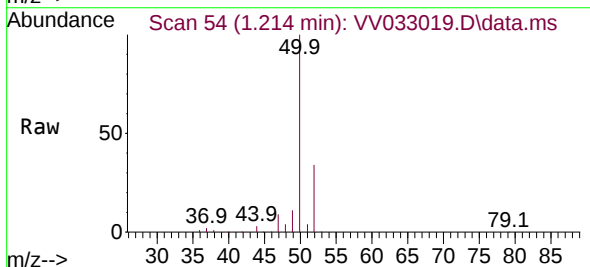
Instrument :
 MSVOA_V
 ClientSampleId :

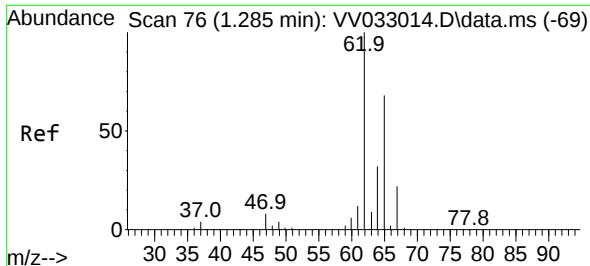
Tgt Ion: 85 Resp: 192378
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.8 40.2



#3
 Chloromethane
 Concen: 46.962 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Tgt Ion: 50 Resp: 145014
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.7 42.3





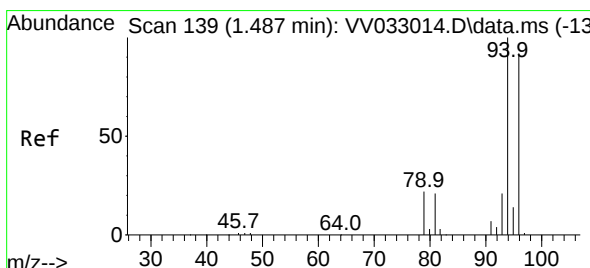
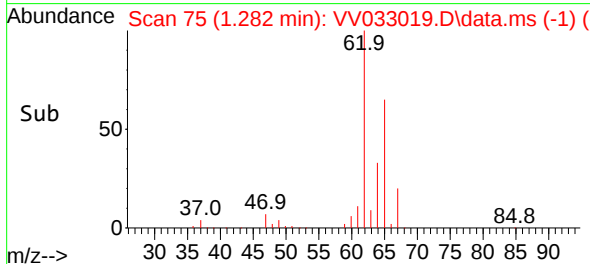
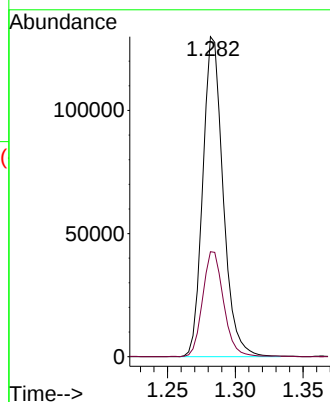
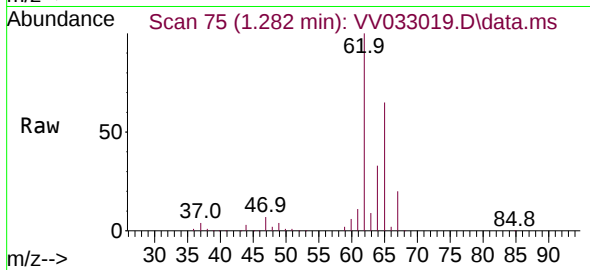
#5
 Vinyl chloride
 Concen: 47.307 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

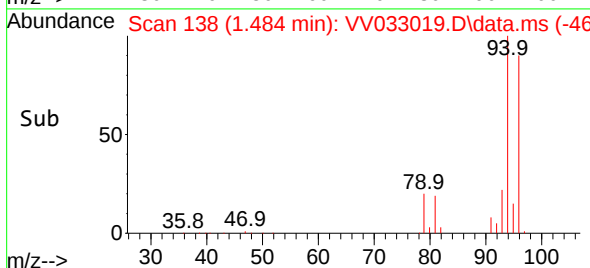
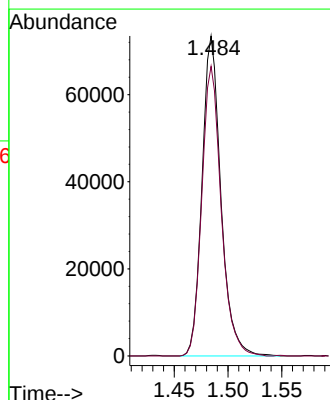
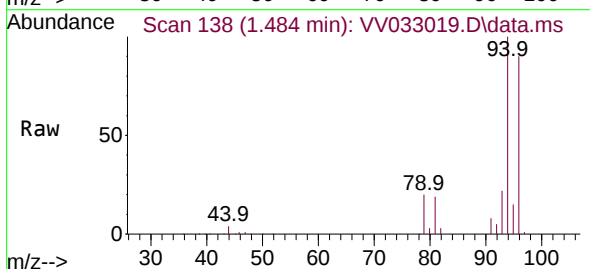
ClientSampleId :

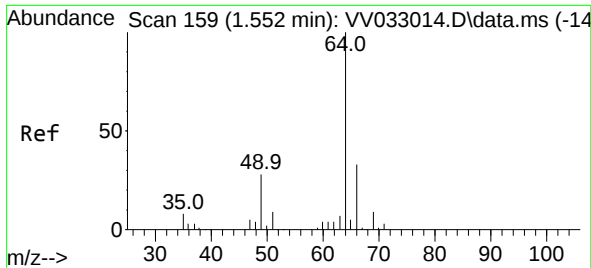
Tgt Ion: 62 Resp: 135510
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.1



#6
 Bromomethane
 Concen: 47.524 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Tgt Ion: 94 Resp: 89955
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.4 119.6

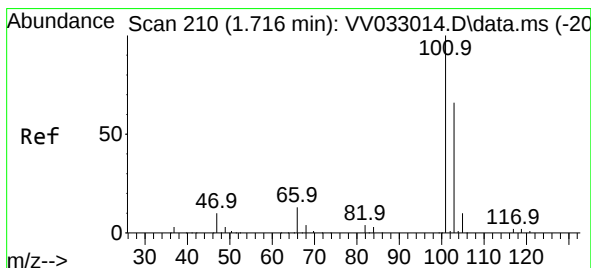
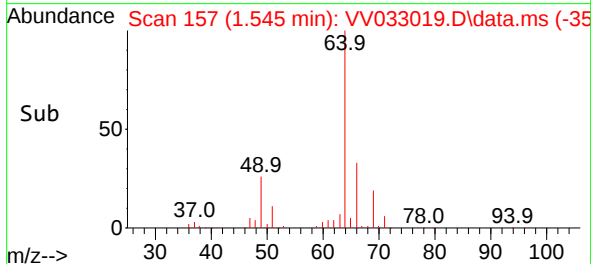
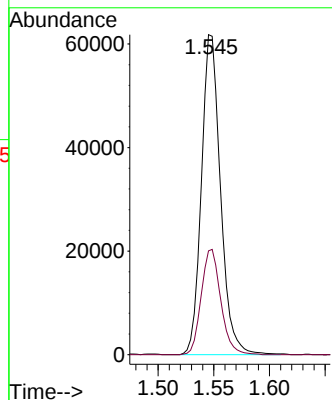
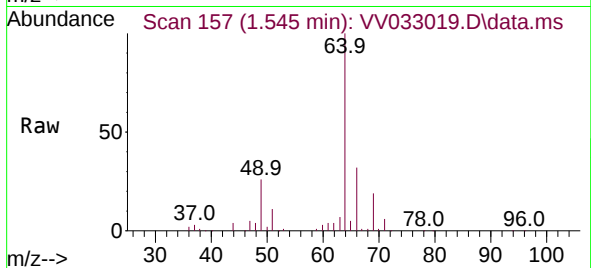




#8
Chloroethane
Concen: 46.475 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

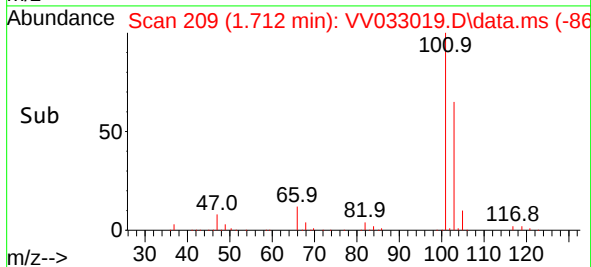
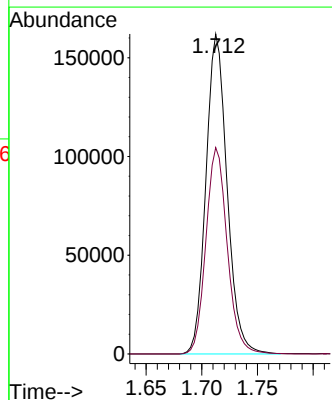
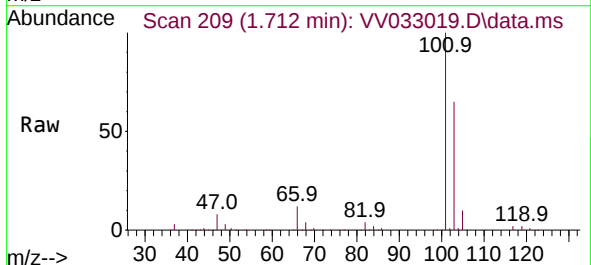
Instrument :
MSVOA_V
ClientSampleId :

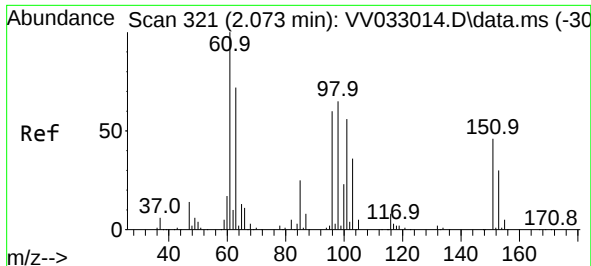
Tgt Ion: 64 Resp: 73633
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 46.148 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion:101 Resp: 214009
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

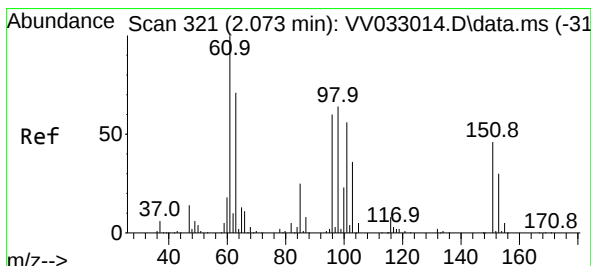
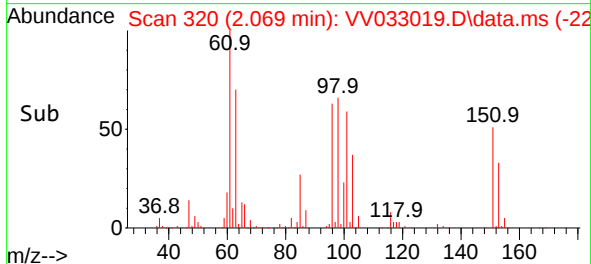
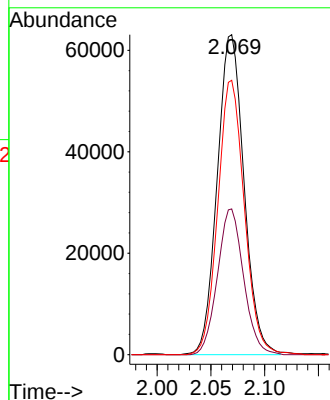
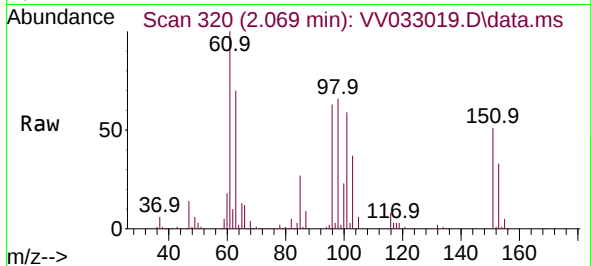




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.821 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

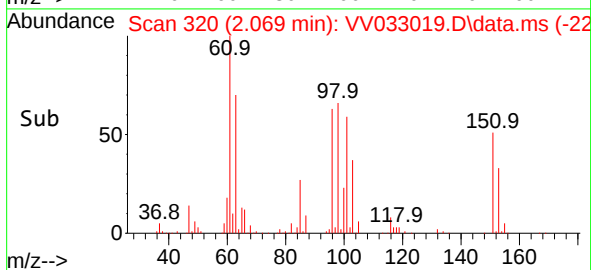
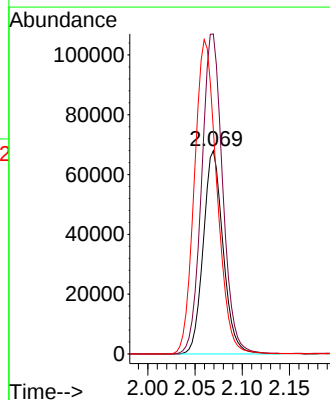
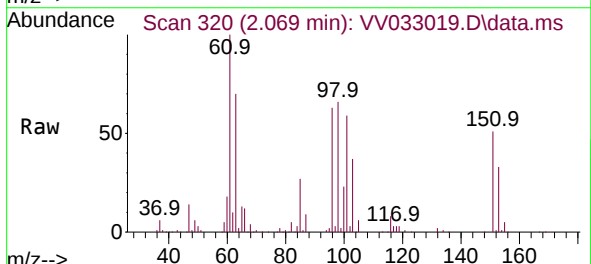
Instrument :
 MSVOA_V
 ClientSampleId :

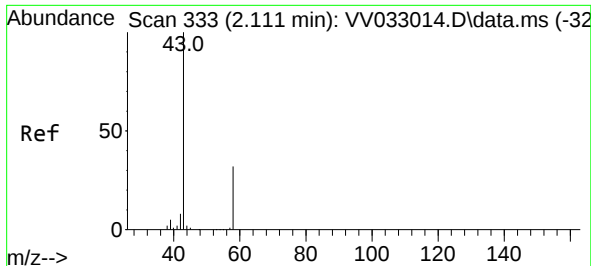
Tgt Ion:101 Resp: 109349
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 84.9 67.0 100.4



#12
 1,1-Dichloroethene
 Concen: 46.991 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Tgt Ion: 96 Resp: 99213
 Ion Ratio Lower Upper
 96 100
 61 157.5 116.6 216.6
 63 110.7 84.8 157.4





#13

Acetone

Concen: 87.882 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

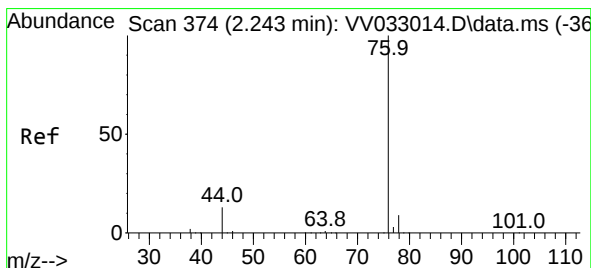
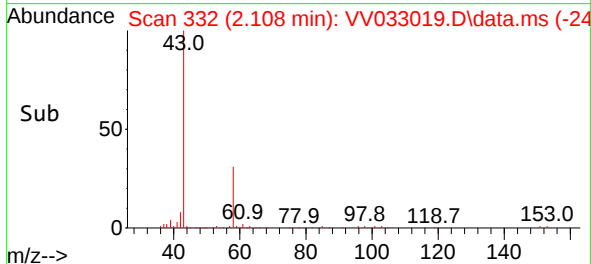
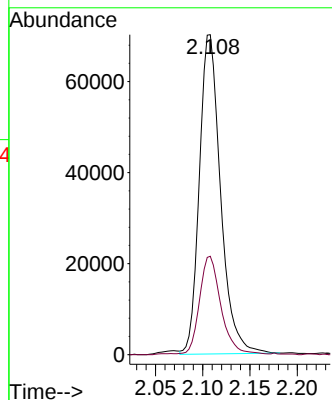
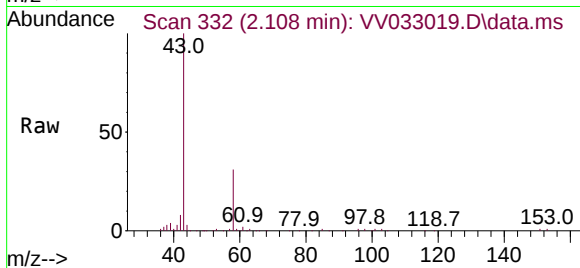
ClientSampleId :

Tgt Ion: 43 Resp: 109553

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.6



#14

Carbon disulfide

Concen: 47.889 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033019.D

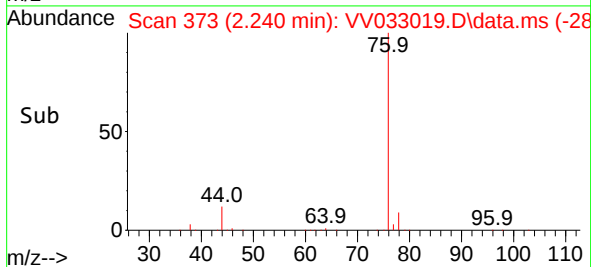
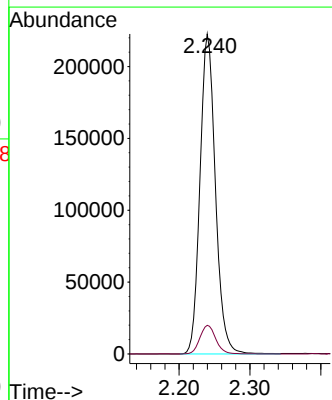
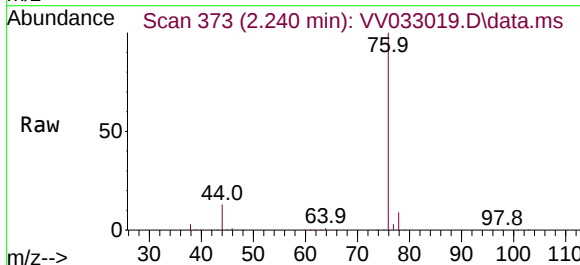
Acq: 20 Nov 2023 13:24

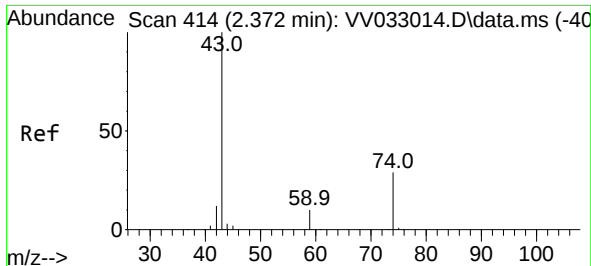
Tgt Ion: 76 Resp: 336275

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

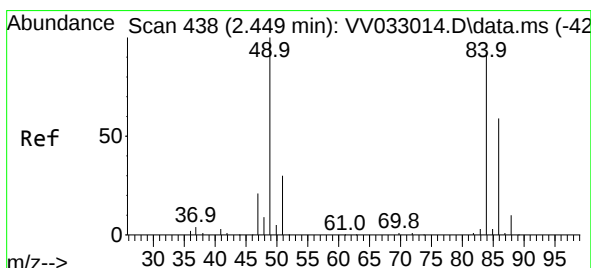
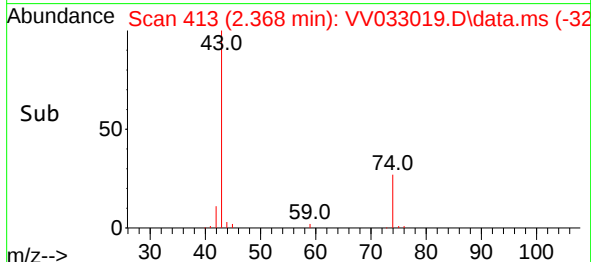
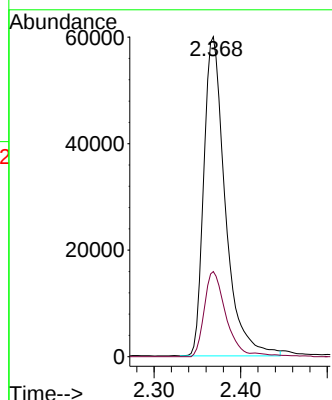
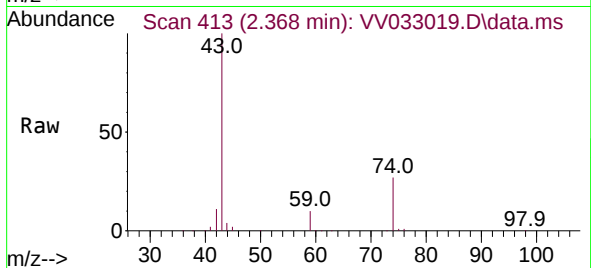




#15
Methyl Acetate
Concen: 47.170 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

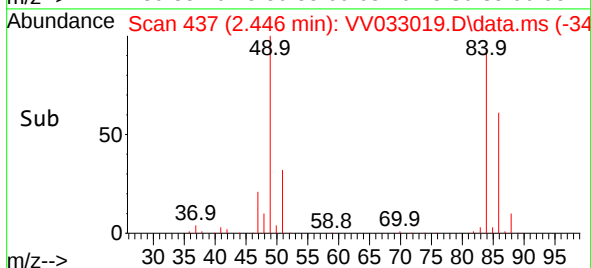
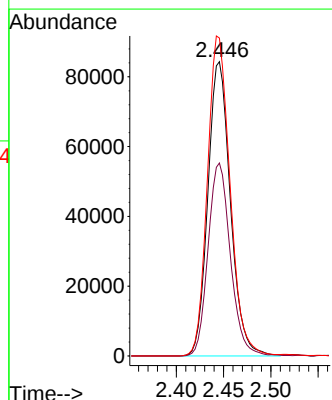
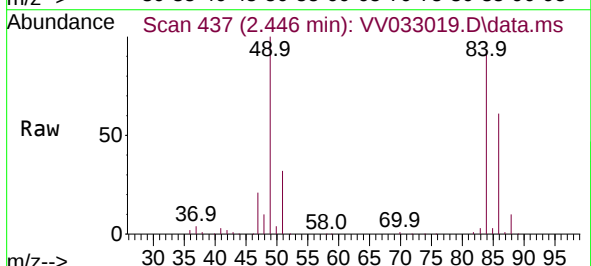
Instrument :
MSVOA_V
ClientSampleId :

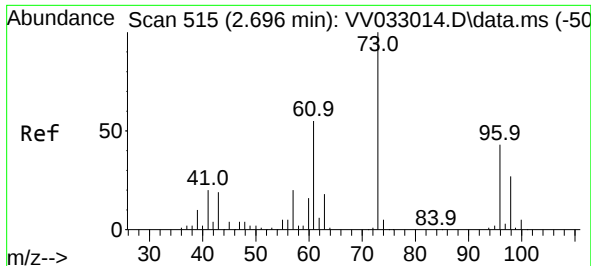
Tgt Ion: 43 Resp: 103086
Ion Ratio Lower Upper
43 100
74 26.2 22.7 34.1



#16
Methylene chloride
Concen: 46.792 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion: 84 Resp: 139964
Ion Ratio Lower Upper
84 100
86 65.6 44.7 83.1
49 108.0 76.6 142.3

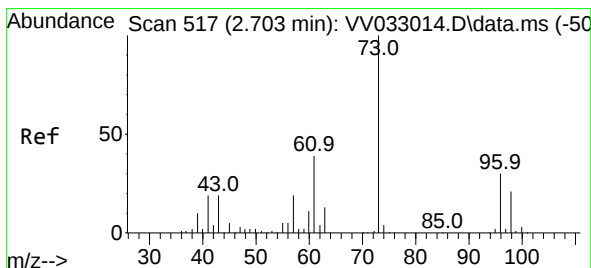
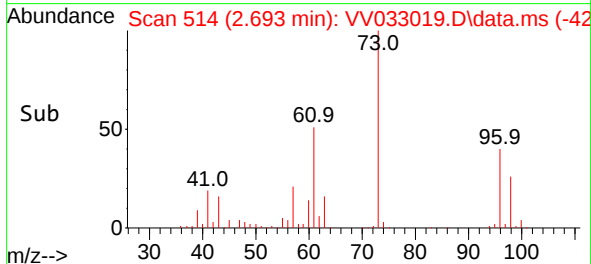
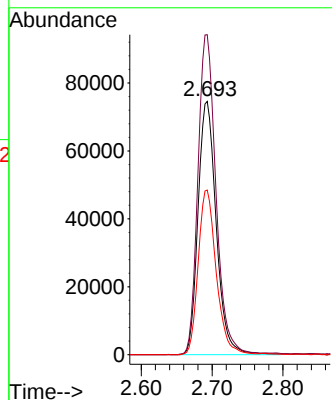
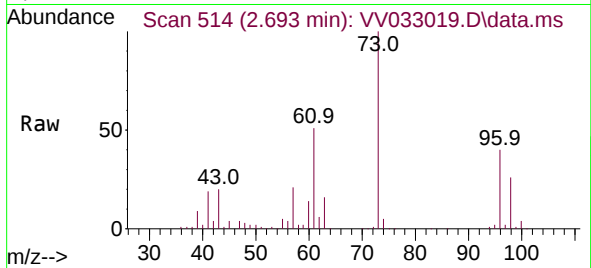




#17
trans-1,2-Dichloroethene
Concen: 49.212 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

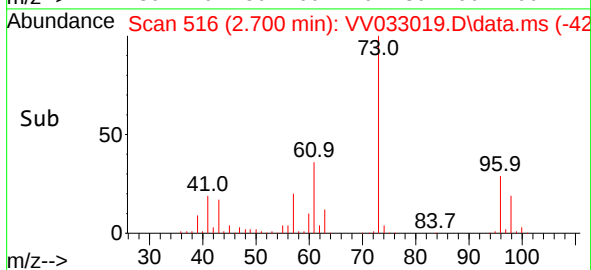
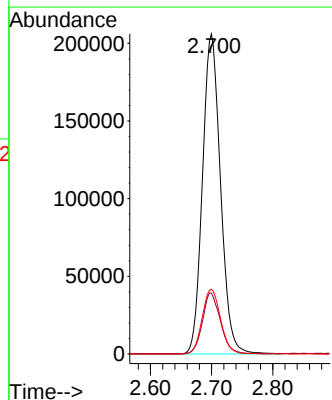
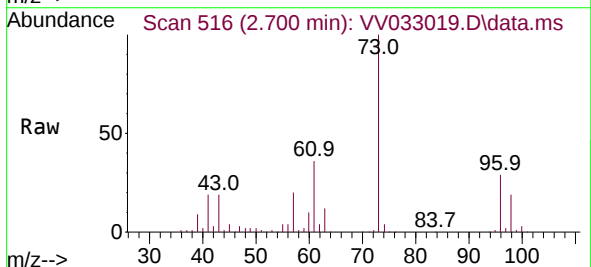
Instrument :
MSVOA_V
ClientSampleId :

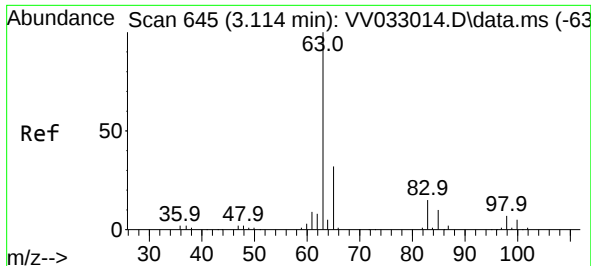
Tgt Ion: 96 Resp: 132972
Ion Ratio Lower Upper
96 100
61 126.3 89.5 166.3
98 65.0 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 49.799 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion: 73 Resp: 422094
Ion Ratio Lower Upper
73 100
43 18.8 15.2 22.8
57 20.6 15.8 23.8





#19

1,1-Dichloroethane

Concen: 48.071 ug/L

RT: 3.108 min Scan# 64

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

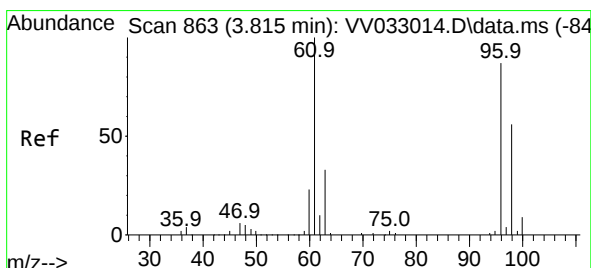
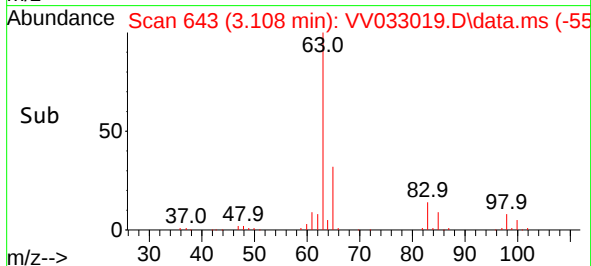
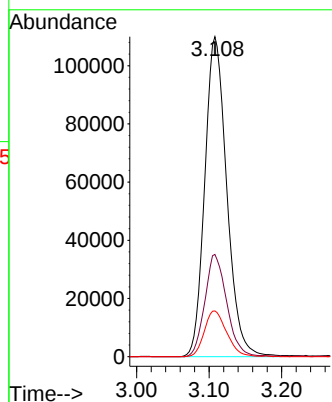
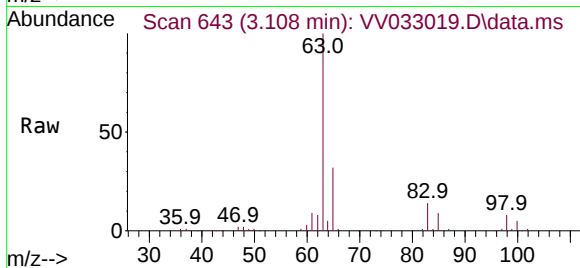
Tgt Ion: 63 Resp: 232021

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 14.3 10.7 19.9



#20

cis-1,2-Dichloroethene

Concen: 48.513 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

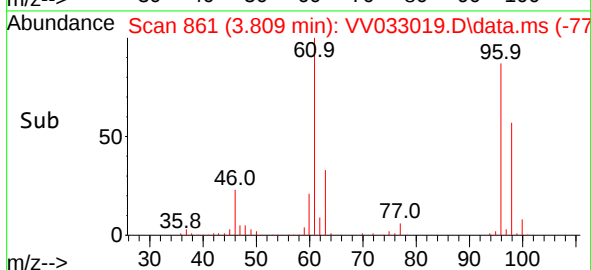
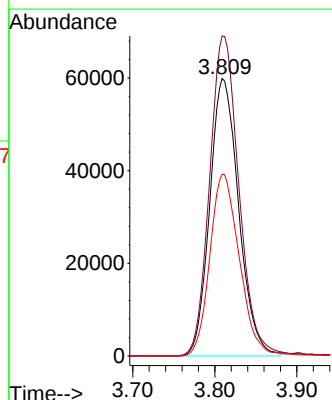
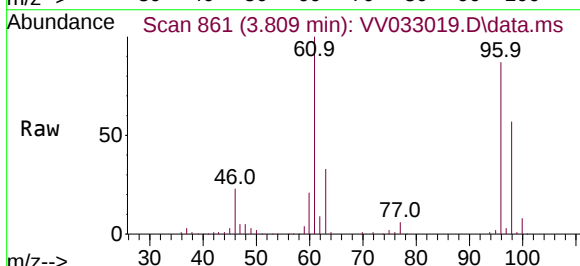
Tgt Ion: 96 Resp: 146974

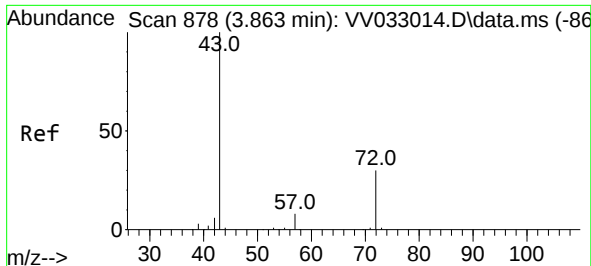
Ion Ratio Lower Upper

96 100

61 115.4 80.2 149.0

98 65.5 45.1 83.7

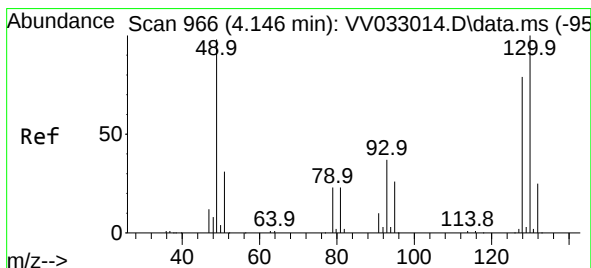
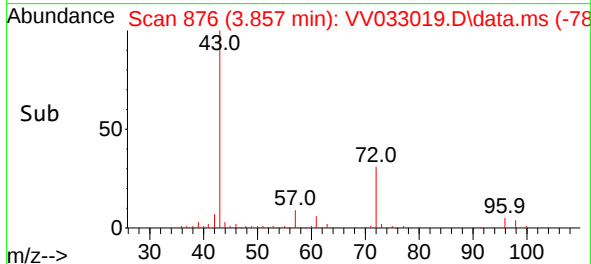
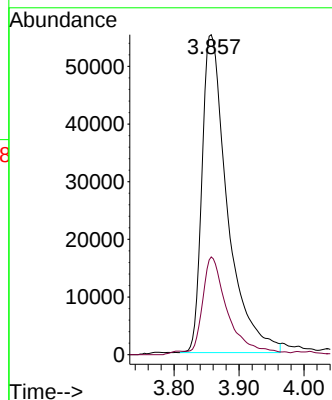
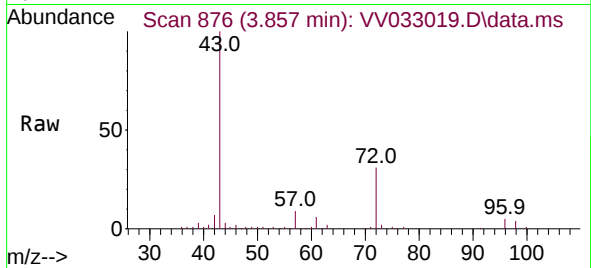




#22
2-Butanone
Concen: 93.081 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

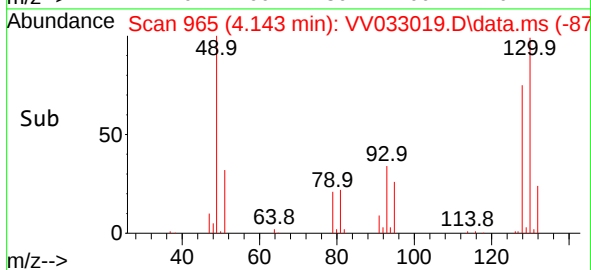
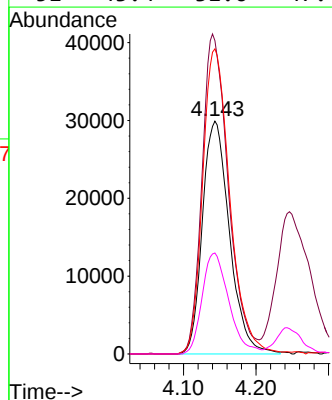
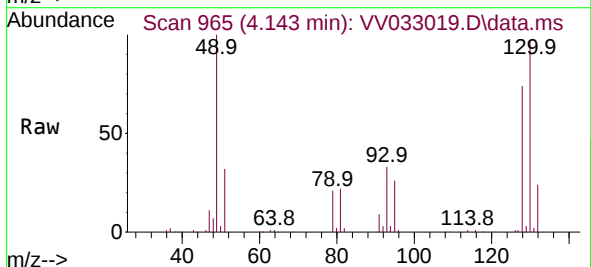
Instrument :
MSVOA_V
ClientSampleId :

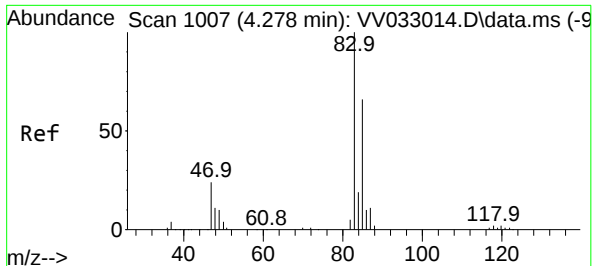
Tgt Ion: 43 Resp: 150242
Ion Ratio Lower Upper
43 100
72 28.6 13.9 41.7



#23
Bromochloromethane
Concen: 46.512 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion:128 Resp: 77504
Ion Ratio Lower Upper
128 100
49 134.6 87.1 161.7
130 131.0 88.1 163.5
51 43.4 31.6 47.4





#25

Chloroform

Concen: 47.685 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

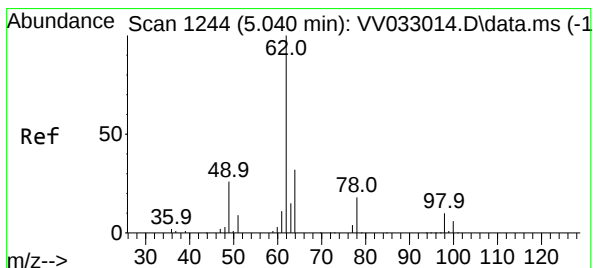
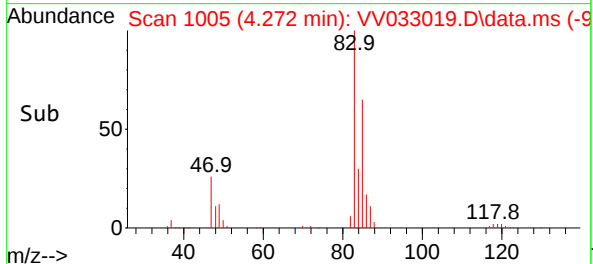
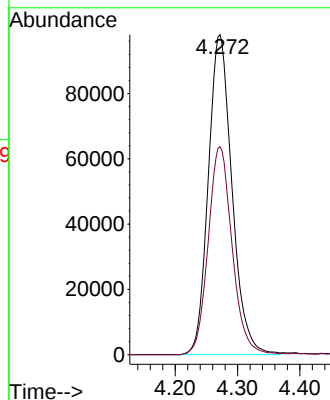
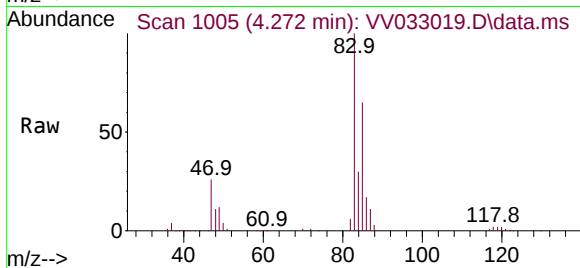
ClientSampleId :

Tgt Ion: 83 Resp: 259052

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 46.206 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV033019.D

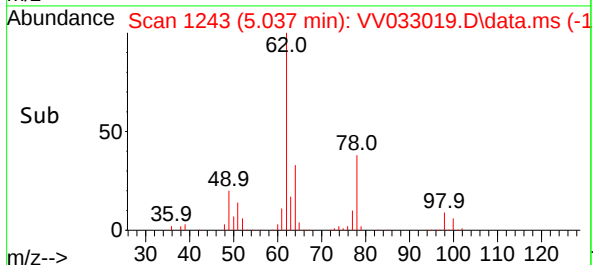
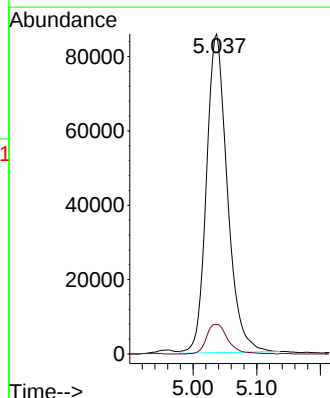
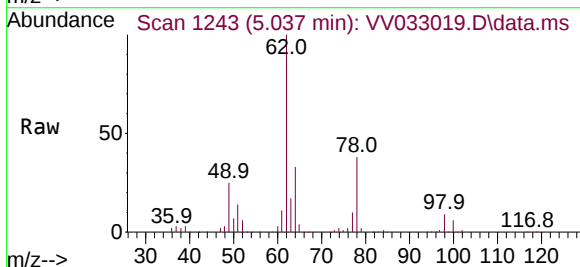
Acq: 20 Nov 2023 13:24

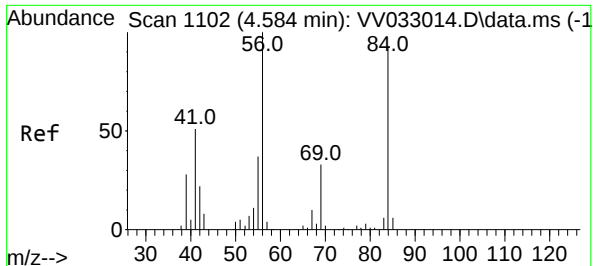
Tgt Ion: 62 Resp: 195819

Ion Ratio Lower Upper

62 100

98 9.2 8.3 12.5





#29

Cyclohexane

Concen: 52.555 ug/L

RT: 4.577 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

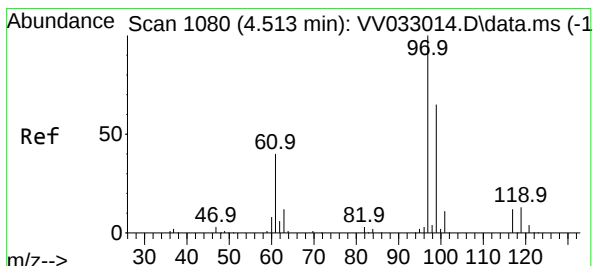
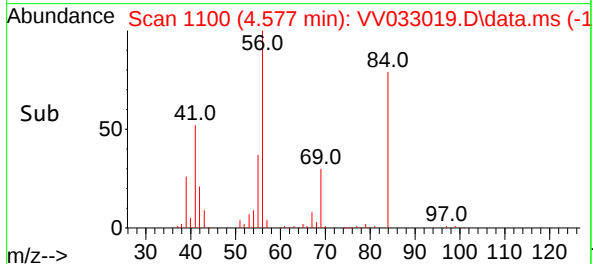
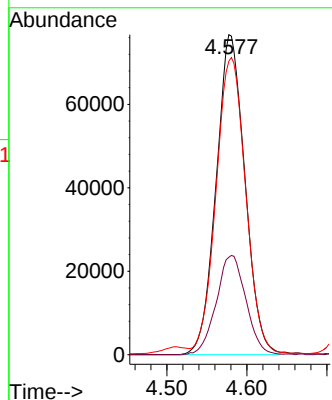
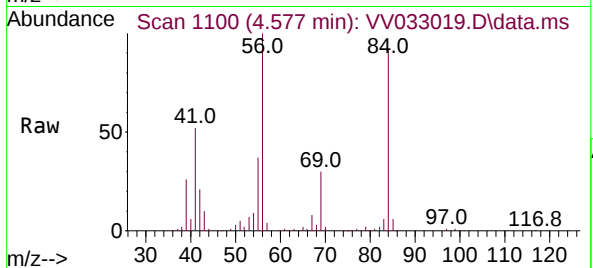
Tgt Ion: 56 Resp: 191296

Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

84 94.9 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 48.464 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

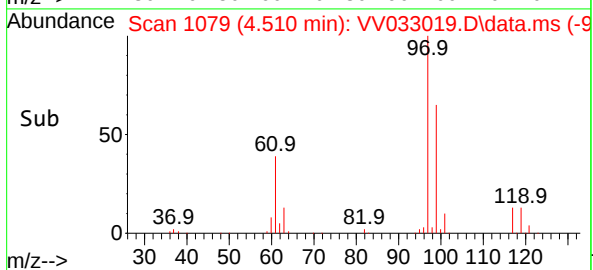
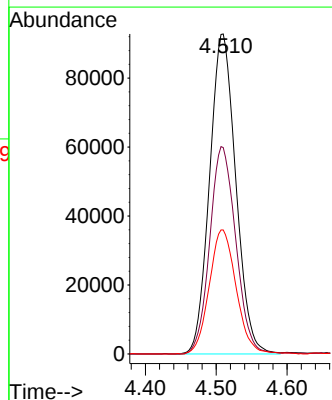
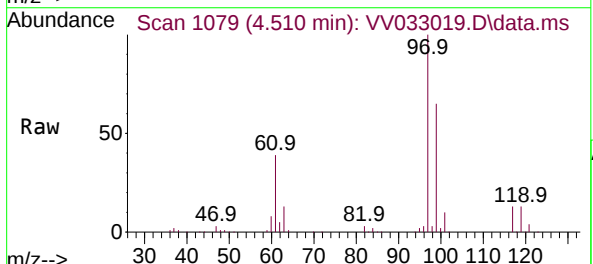
Tgt Ion: 97 Resp: 238812

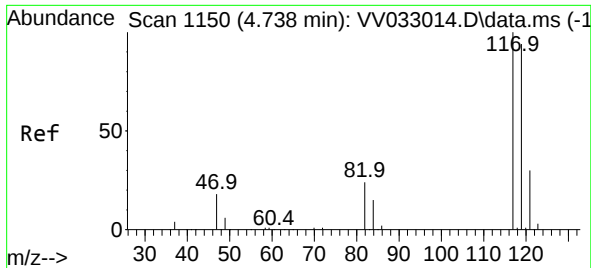
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 39.8 32.1 48.1

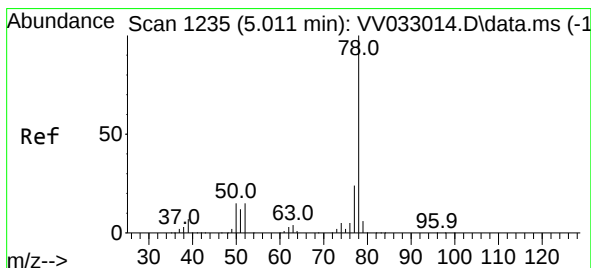
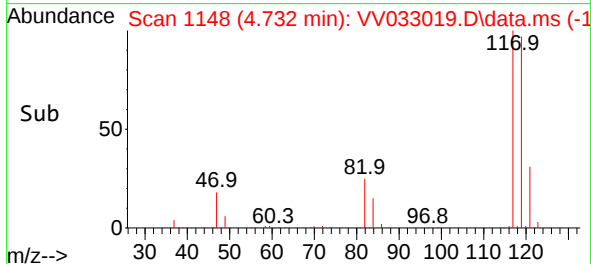
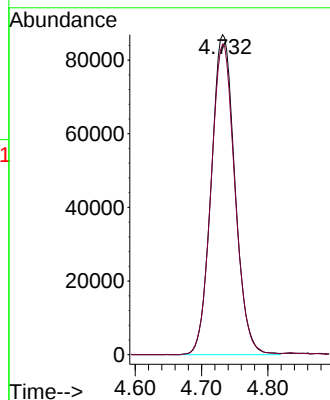
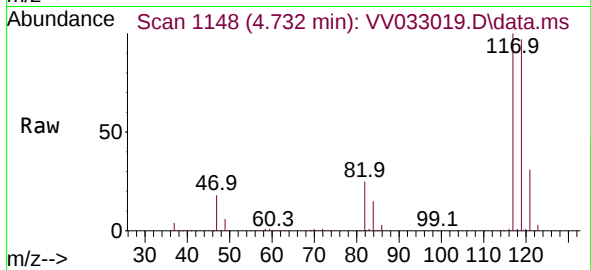




#31
Carbon tetrachloride
Concen: 46.880 ug/L
RT: 4.732 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

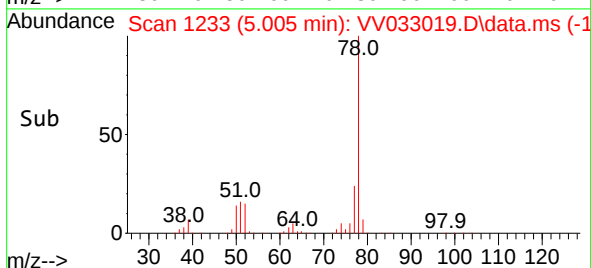
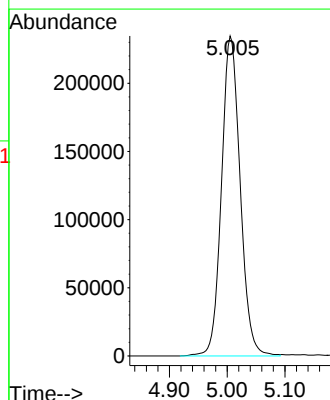
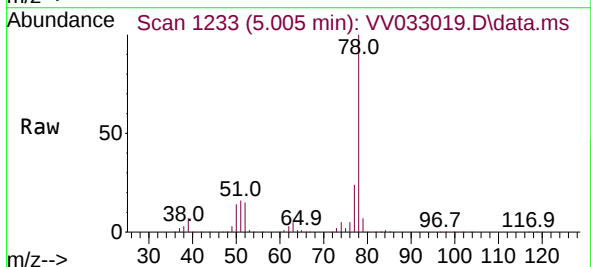
Instrument :
MSVOA_V
ClientSampleId :

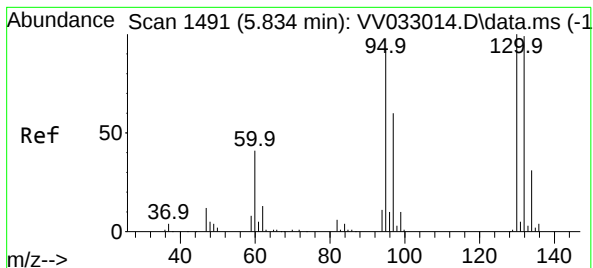
Tgt Ion:117 Resp: 215272
Ion Ratio Lower Upper
117 100
119 97.6 76.5 114.7



#33
Benzene
Concen: 50.245 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion: 78 Resp: 527255





#34

Trichloroethene

Concen: 49.784 ug/L

RT: 5.828 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 147253

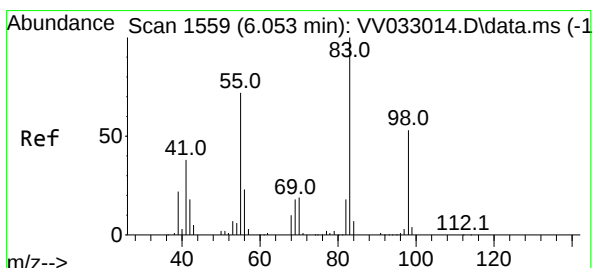
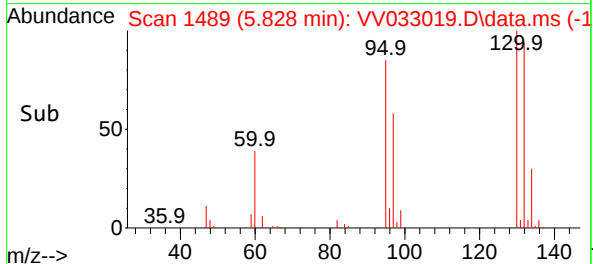
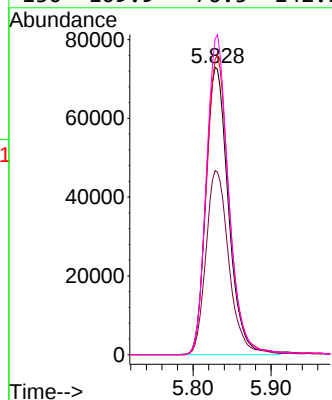
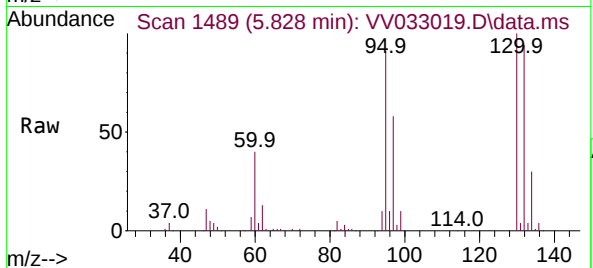
Ion Ratio Lower Upper

95 100

97 64.1 46.0 85.4

132 102.8 76.0 141.2

130 109.9 76.5 142.1



#35

Methylcyclohexane

Concen: 51.359 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.006 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

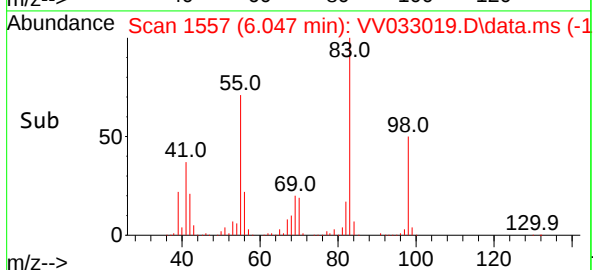
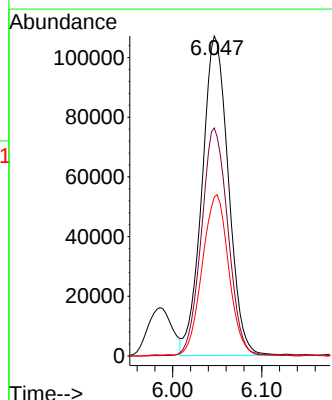
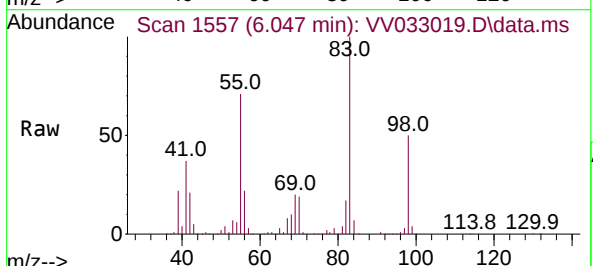
Tgt Ion: 83 Resp: 220797

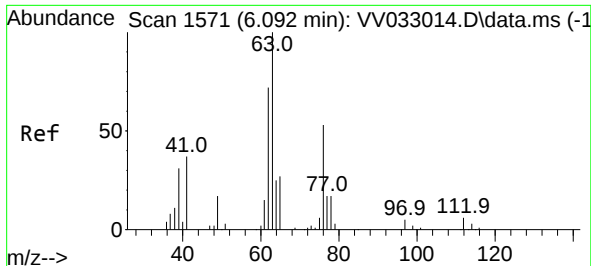
Ion Ratio Lower Upper

83 100

55 71.1 56.3 84.5

98 51.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 49.161 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

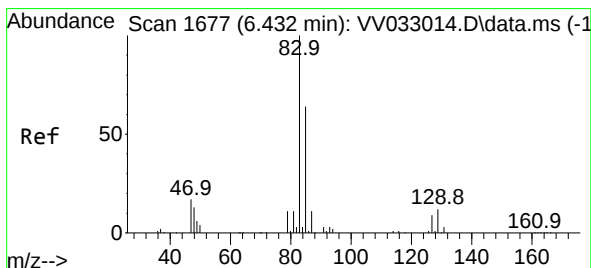
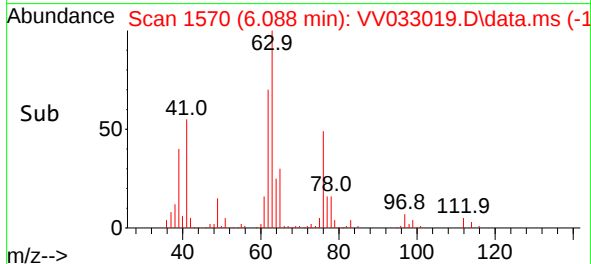
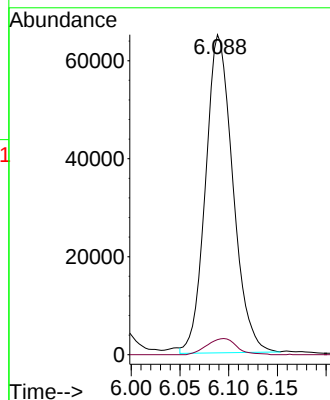
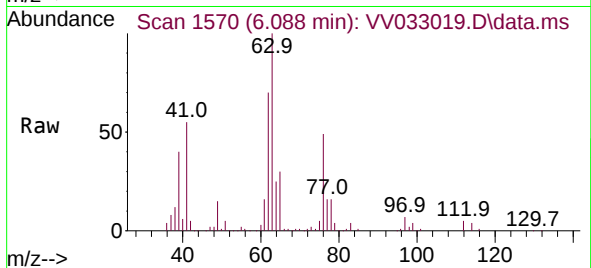
ClientSampleId :

Tgt Ion: 63 Resp: 126623

Ion Ratio Lower Upper

63 100

112 5.5 4.6 7.0



#38

Bromodichloromethane

Concen: 48.703 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

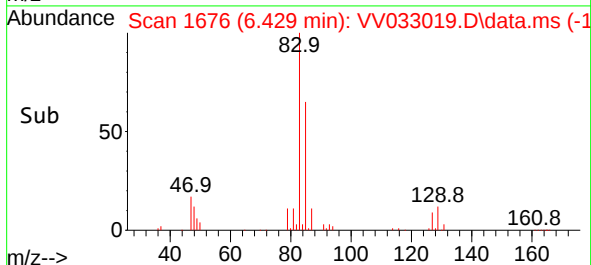
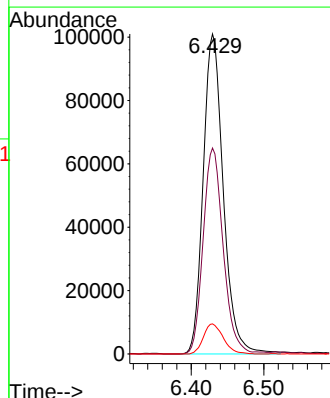
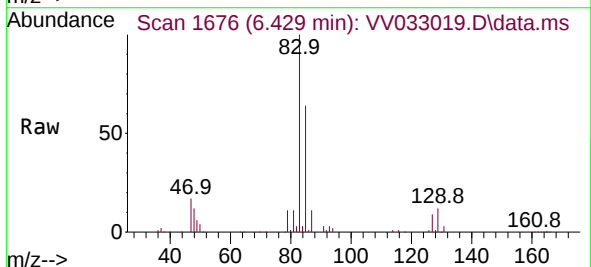
Tgt Ion: 83 Resp: 194911

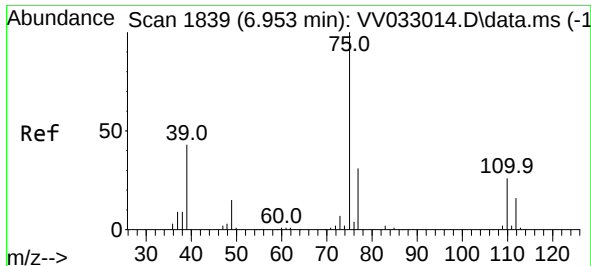
Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

127 9.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 52.079 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

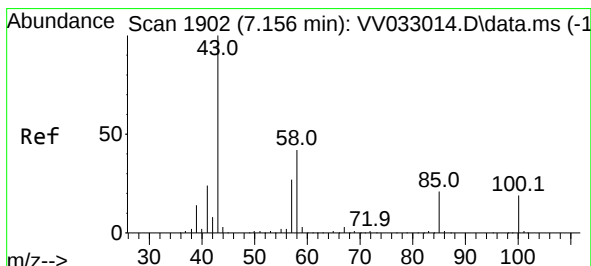
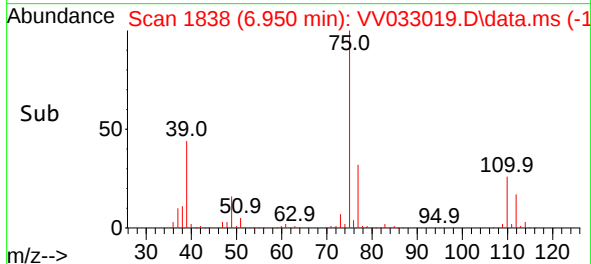
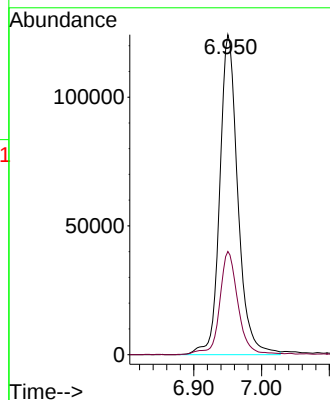
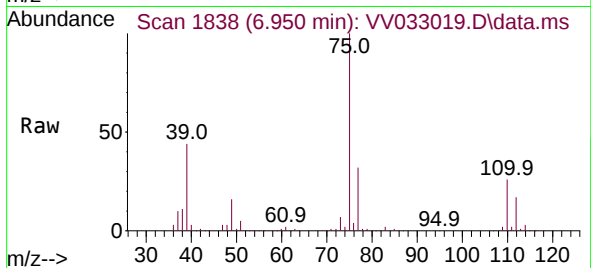
ClientSampleId :

Tgt Ion: 75 Resp: 230934

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 99.872 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

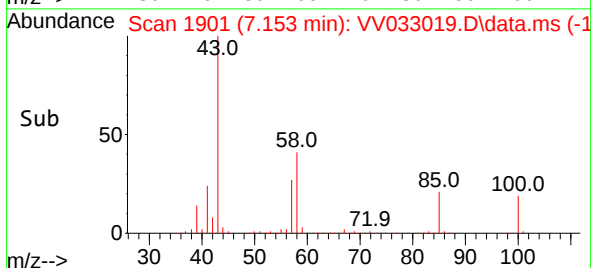
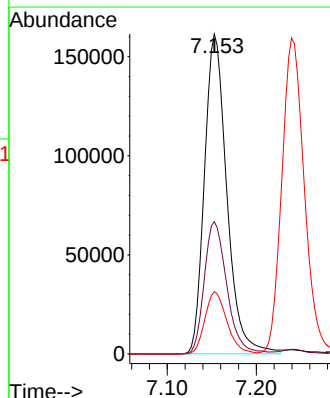
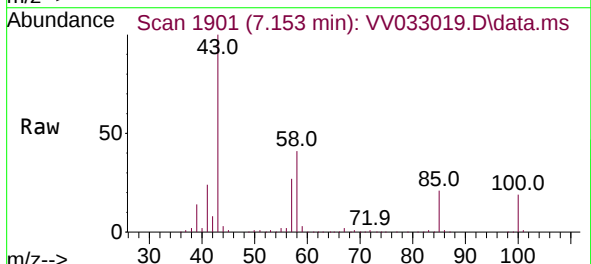
Tgt Ion: 43 Resp: 281378

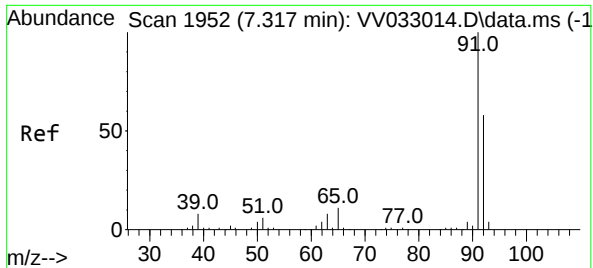
Ion Ratio Lower Upper

43 100

58 41.8 33.2 49.8

100 19.2 14.9 22.3





#42

Toluene

Concen: 50.492 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

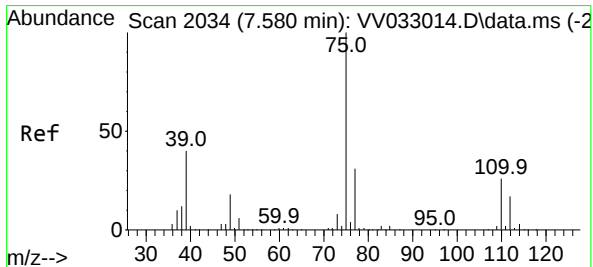
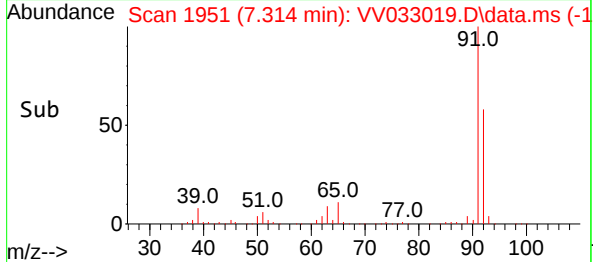
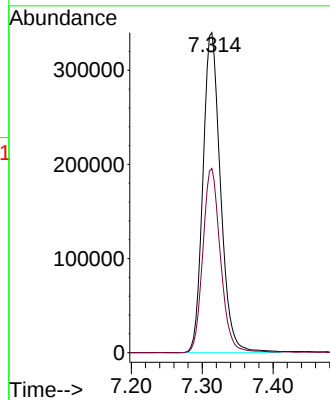
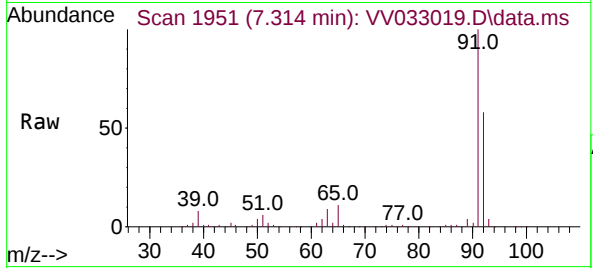
ClientSampleId :

Tgt Ion: 91 Resp: 587091

Ion Ratio Lower Upper

91 100

92 57.6 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 50.912 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV033019.D

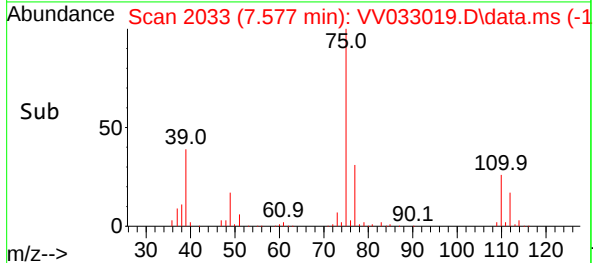
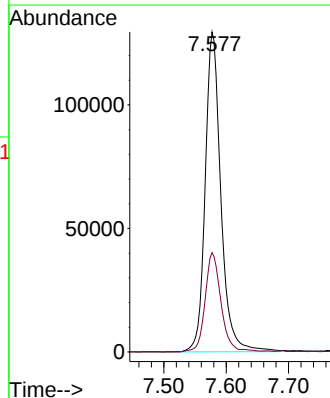
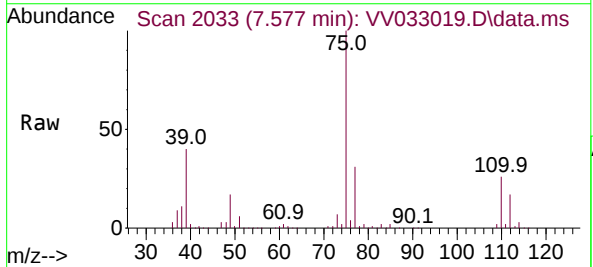
Acq: 20 Nov 2023 13:24

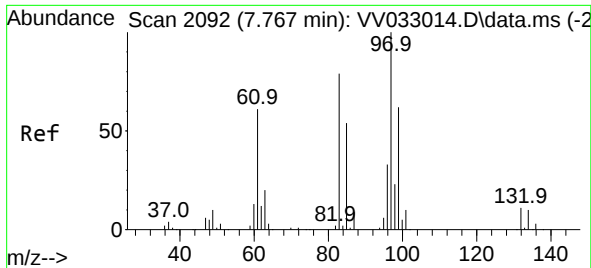
Tgt Ion: 75 Resp: 226857

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7

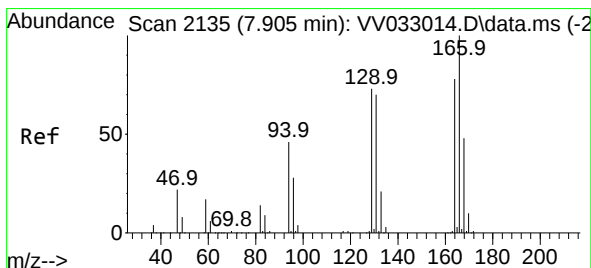
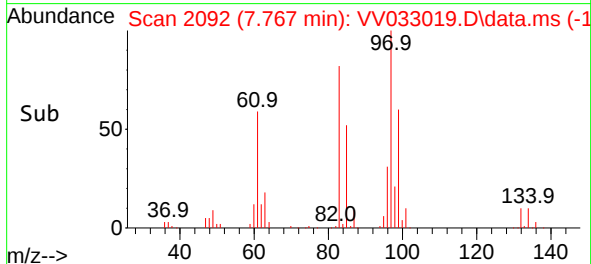
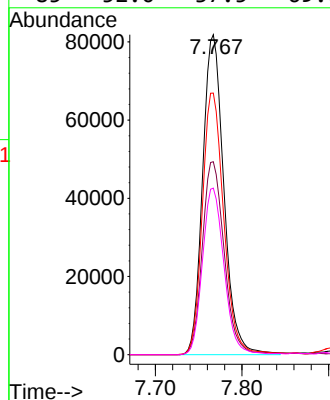
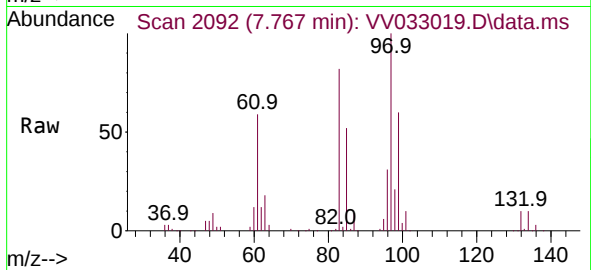




#45
1,1,2-Trichloroethane
Concen: 48.046 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

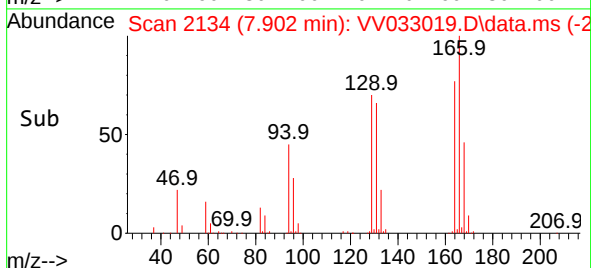
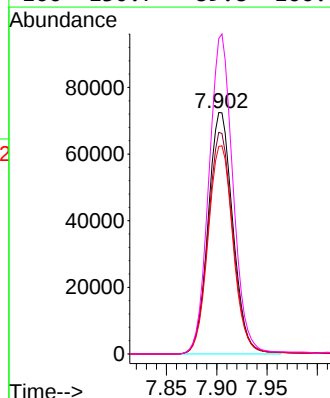
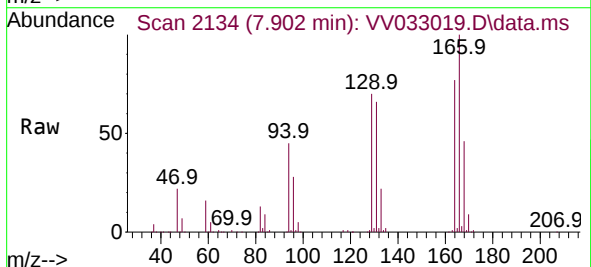
Instrument :
MSVOA_V
ClientSampleId :

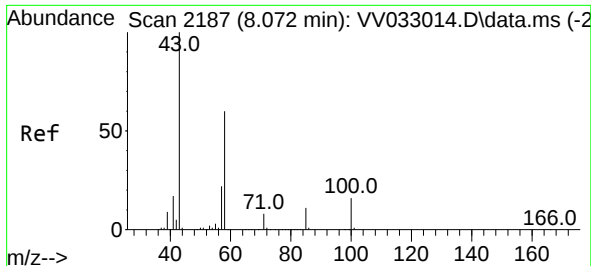
Tgt Ion:	97	Resp:	139369
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.5	80.9
83	81.7	55.6	103.2
85	52.0	37.5	69.6



#46
Tetrachloroethene
Concen: 48.123 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

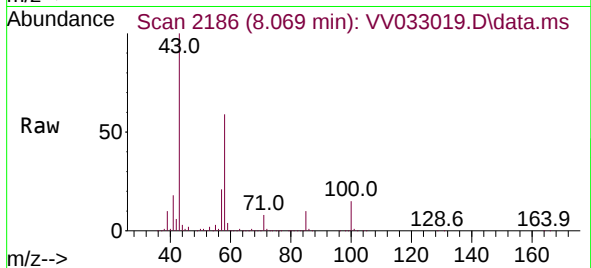
Tgt Ion:	164	Resp:	124041
Ion	Ratio	Lower	Upper
164	100		
129	91.8	65.7	122.1
131	85.9	62.5	116.1
166	130.7	89.8	166.8





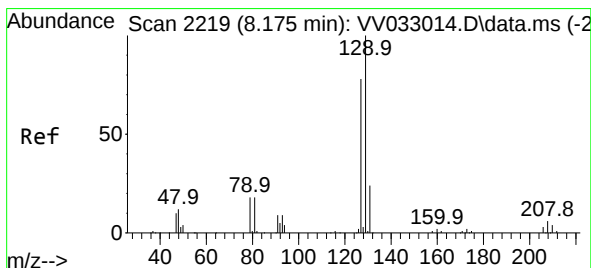
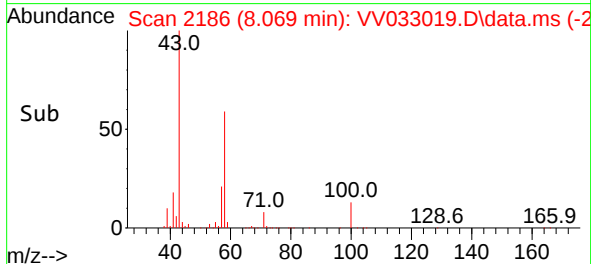
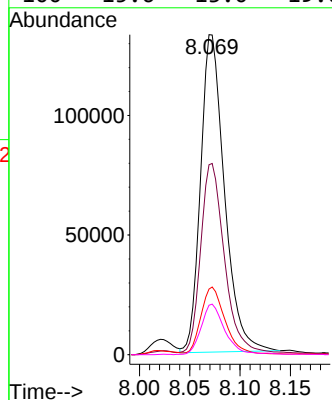
#48
2-Hexanone
Concen: 98.363 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 219243

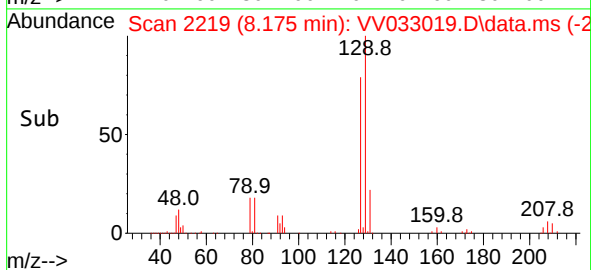
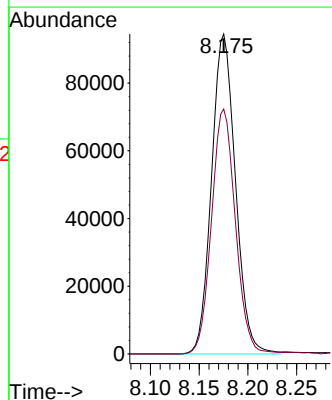
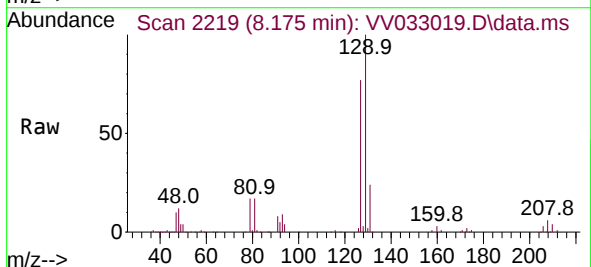
Ion	Ratio	Lower	Upper
43	100		
58	60.1	47.0	70.6
57	21.1	17.0	25.6
100	15.6	13.0	19.6

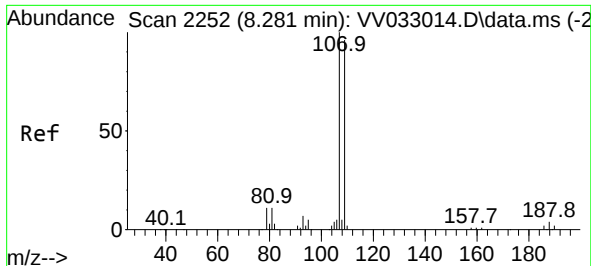


#49
Dibromochloromethane
Concen: 48.313 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion: 129 Resp: 161522

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.4	101.0





#50

1,2-Dibromoethane

Concen: 48.882 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.003 min

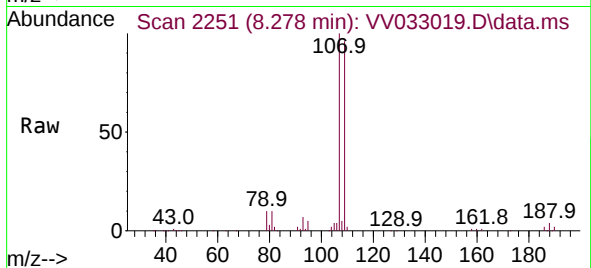
Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

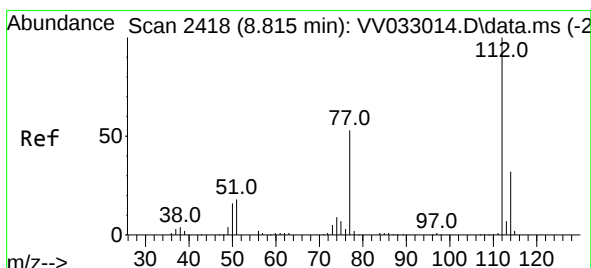
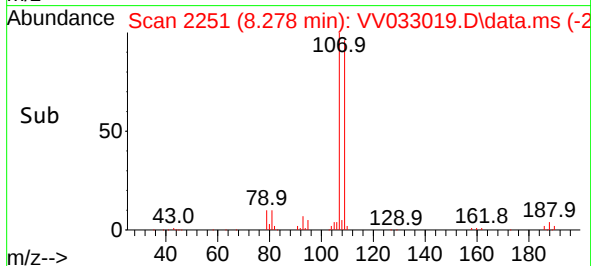
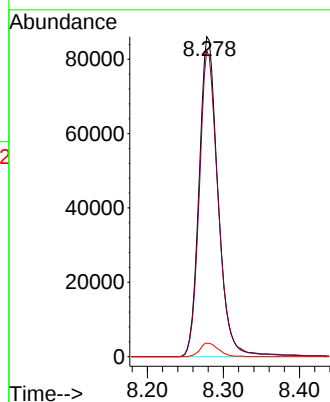
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	148504
Ion	Ratio	Lower	Upper
107	100		
109	95.5	67.3	125.1
188	4.3	3.3	4.9



#51

Chlorobenzene

Concen: 47.850 ug/L

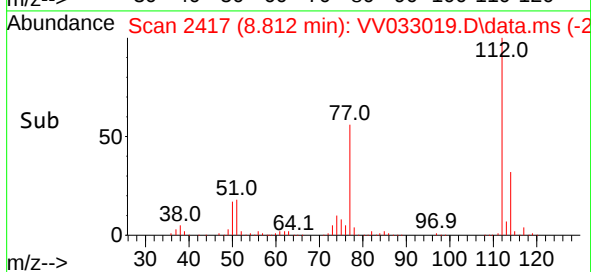
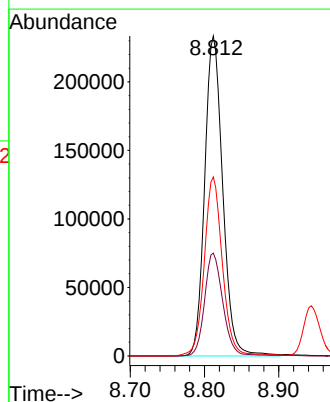
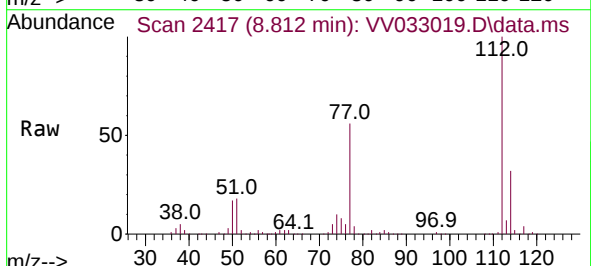
RT: 8.812 min Scan# 2417

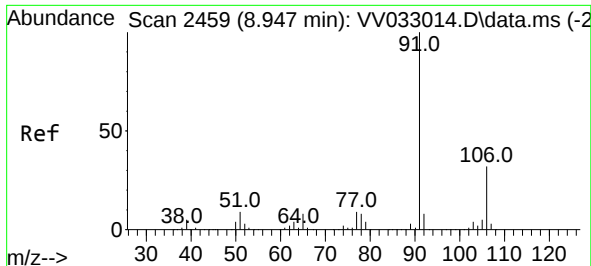
Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Tgt Ion:	112	Resp:	394809
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	56.0	43.0	64.6





#52

Ethylbenzene

Concen: 49.837 ug/L

RT: 8.944 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

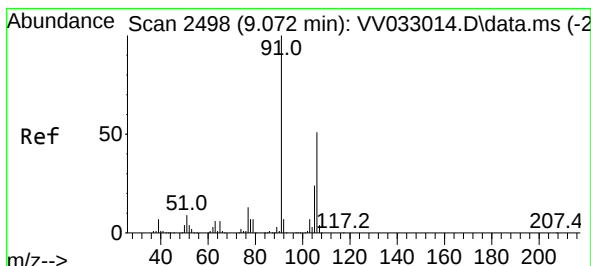
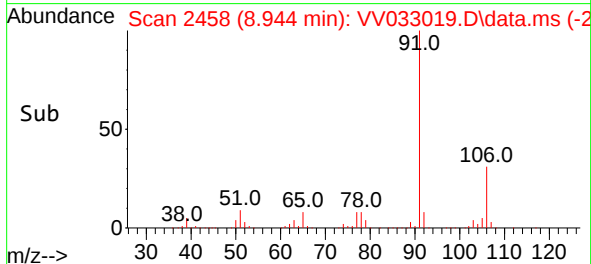
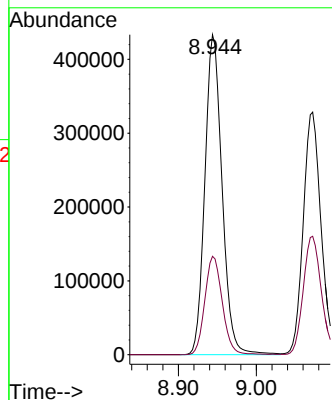
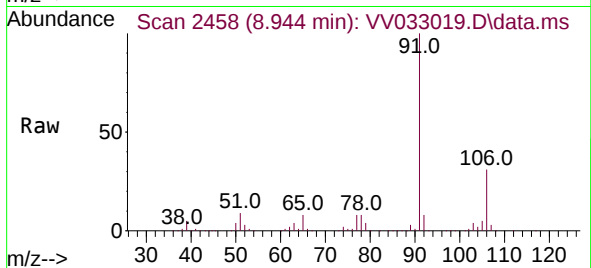
ClientSampleId :

Tgt Ion: 91 Resp: 665218

Ion Ratio Lower Upper

91 100

106 30.8 22.1 41.1



#53

m,p-Xylene

Concen: 49.650 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV033019.D

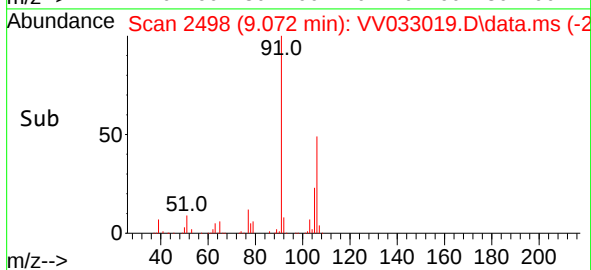
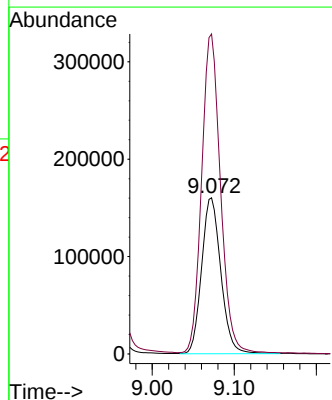
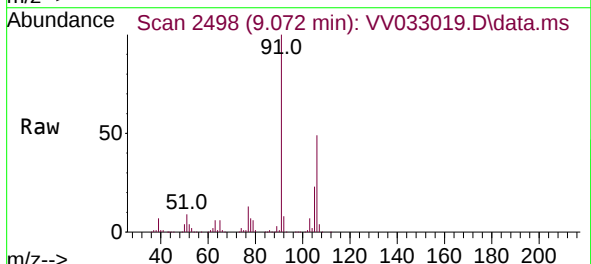
Acq: 20 Nov 2023 13:24

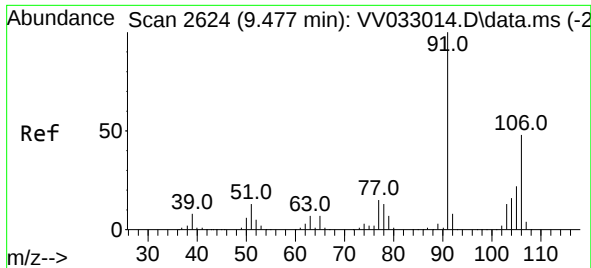
Tgt Ion: 106 Resp: 260382

Ion Ratio Lower Upper

106 100

91 204.9 138.6 257.4

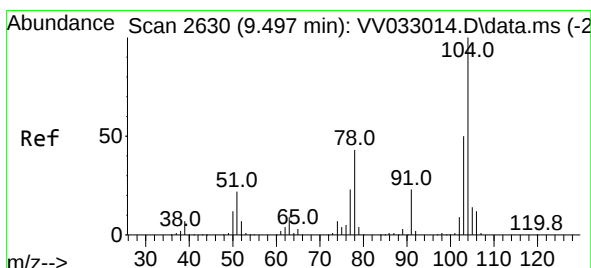
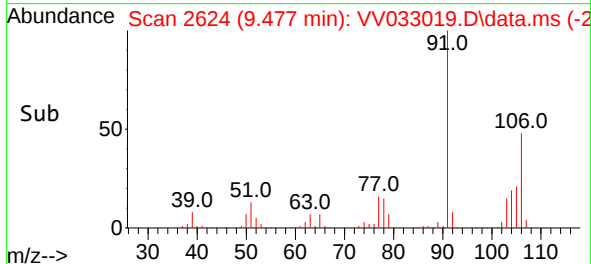
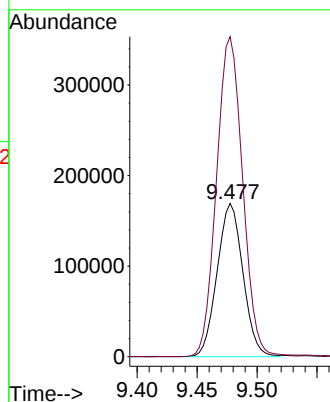
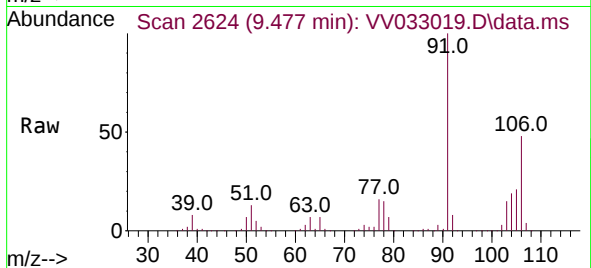




#54
o-Xylene
Concen: 50.127 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

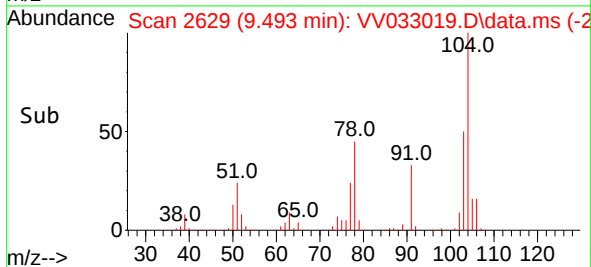
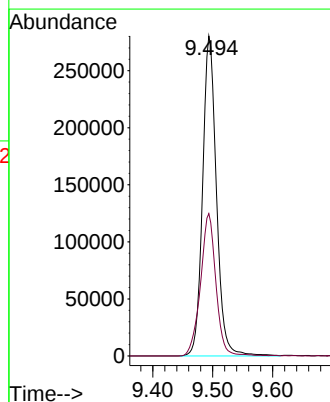
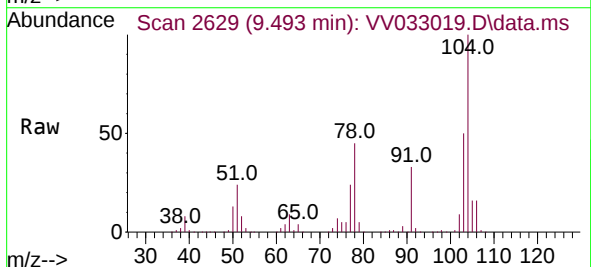
Instrument :
MSVOA_V
ClientSampleId :

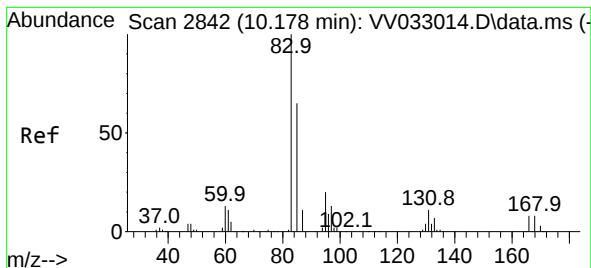
Tgt Ion:106 Resp: 253052
Ion Ratio Lower Upper
106 100
91 208.8 147.3 273.5



#55
Styrene
Concen: 50.224 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

Tgt Ion:104 Resp: 452274
Ion Ratio Lower Upper
104 100
78 44.5 30.2 56.2

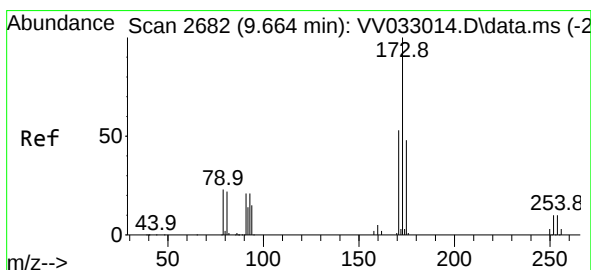
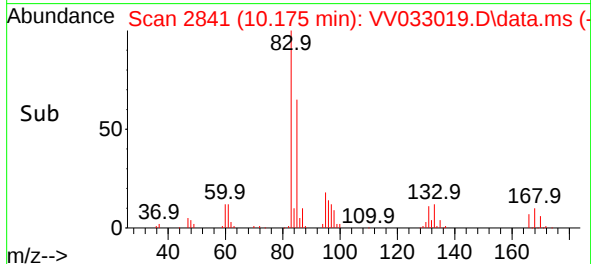
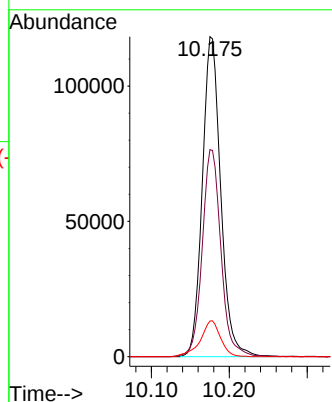
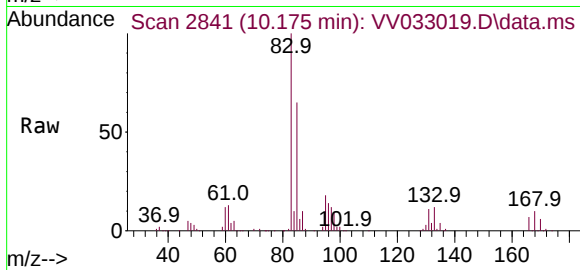




#57
1,1,2,2-Tetrachloroethane
Concen: 47.396 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

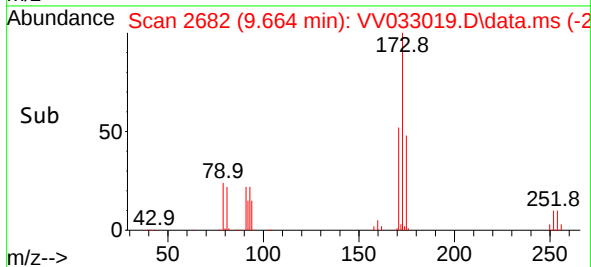
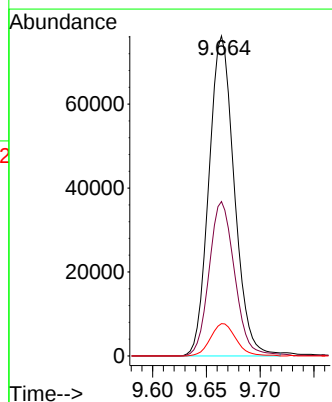
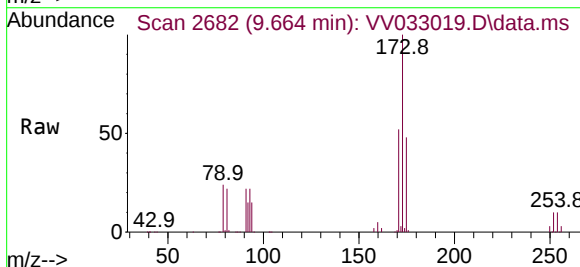
Instrument :
MSVOA_V
ClientSampleId :

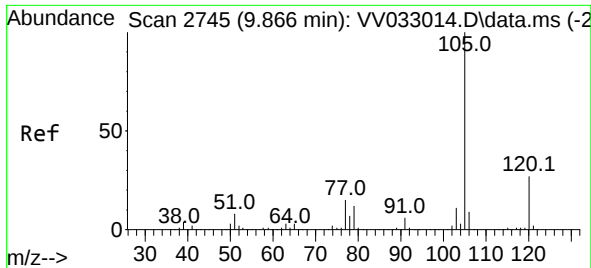
Tgt Ion: 83 Resp: 194216
Ion Ratio Lower Upper
83 100
85 64.7 45.8 85.2
131 11.2 9.4 14.0



#59
Bromoform
Concen: 47.543 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

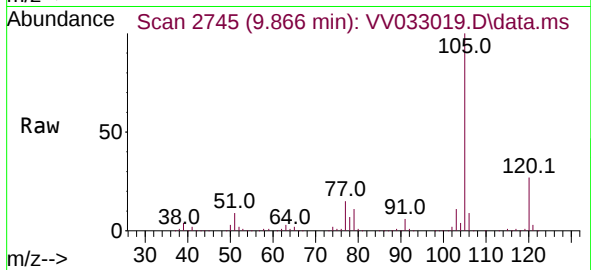
Tgt Ion: 173 Resp: 125233
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 10.2 7.9 11.9



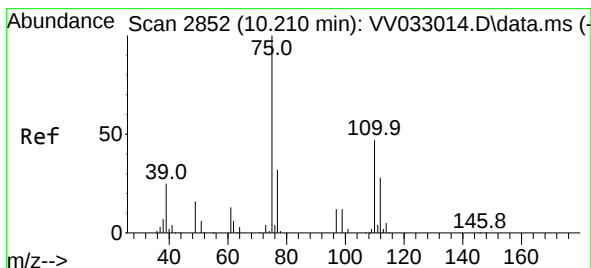
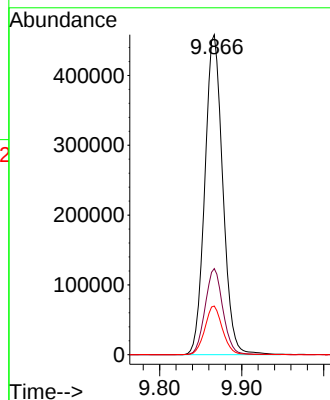
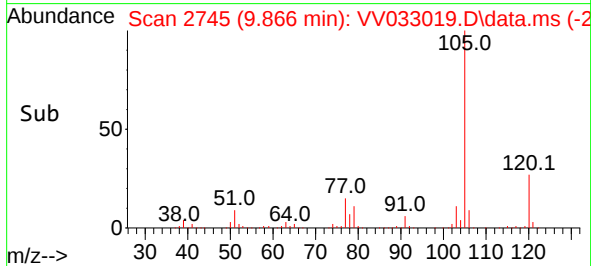


#60
Isopropylbenzene
Concen: 50.700 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24

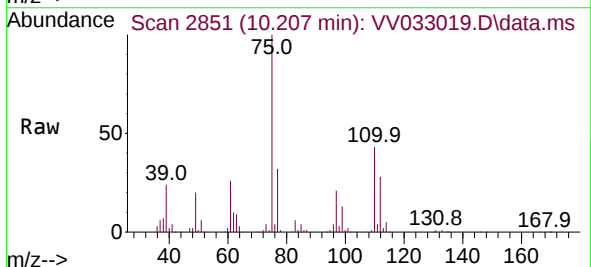
Instrument :
MSVOA_V
ClientSampleId :



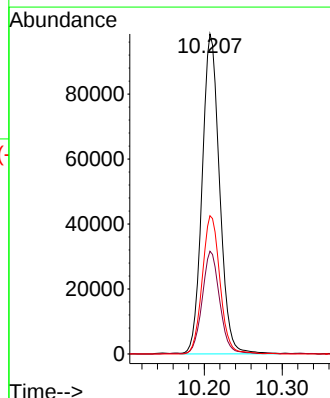
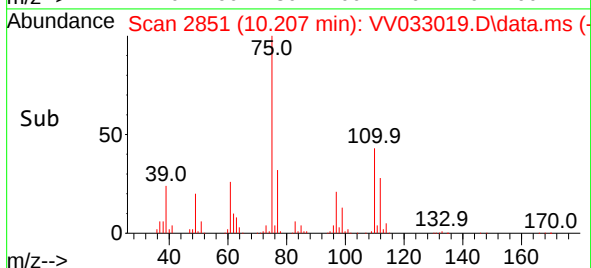
Tgt Ion:105 Resp: 694695
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.9 12.2 18.2

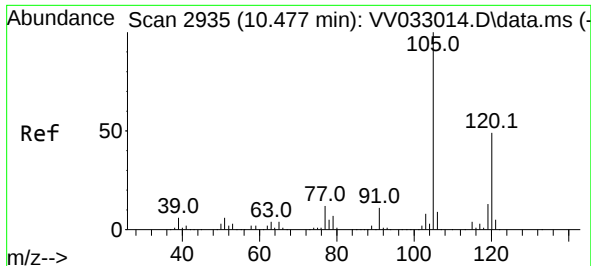


#61
1,2,3-Trichloropropane
Concen: 46.859 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV033019.D
Acq: 20 Nov 2023 13:24



Tgt Ion: 75 Resp: 152789
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 44.0 36.2 54.4





#62

1,3,5-Trimethylbenzene

Concen: 51.464 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

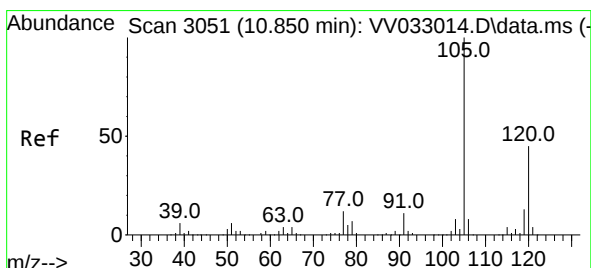
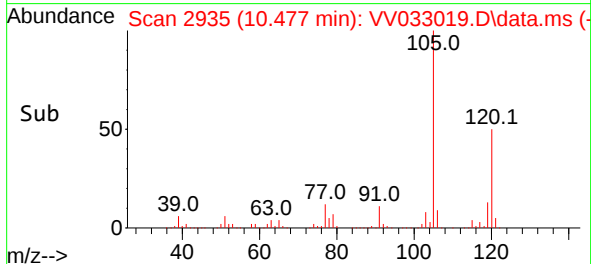
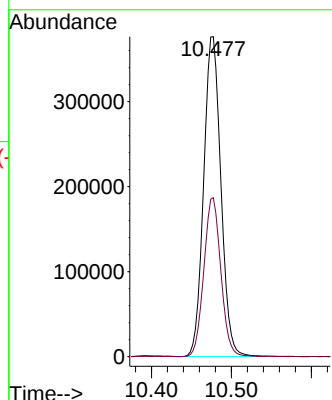
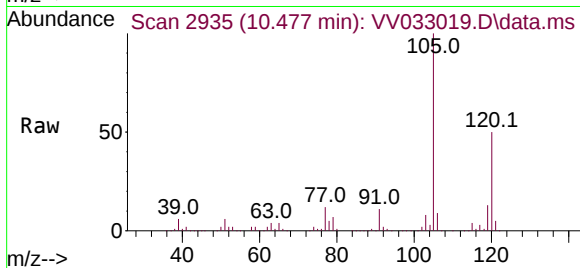
ClientSampleId :

Tgt Ion:105 Resp: 565768

Ion Ratio Lower Upper

105 100

120 49.1 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 51.620 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033019.D

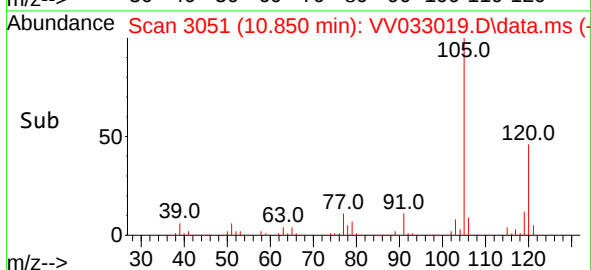
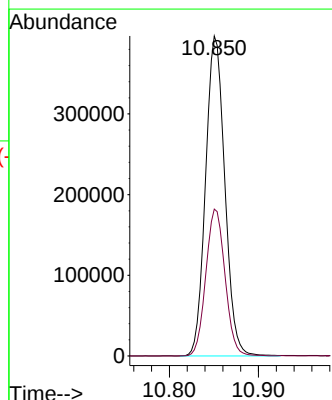
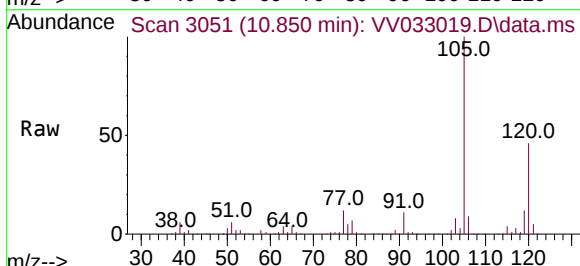
Acq: 20 Nov 2023 13:24

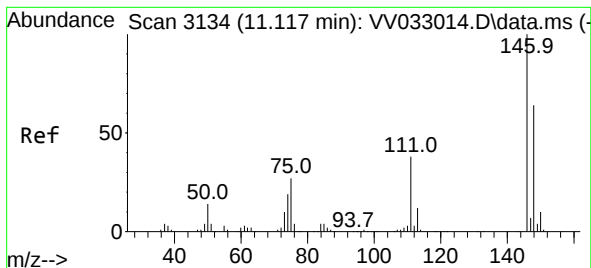
Tgt Ion:105 Resp: 594498

Ion Ratio Lower Upper

105 100

120 45.7 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 48.486 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

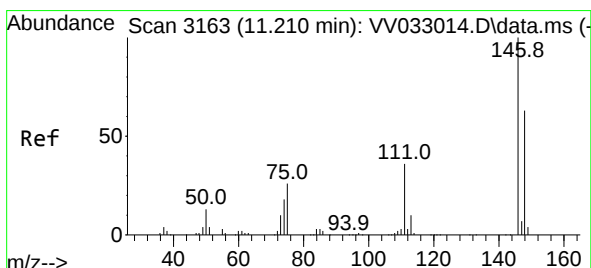
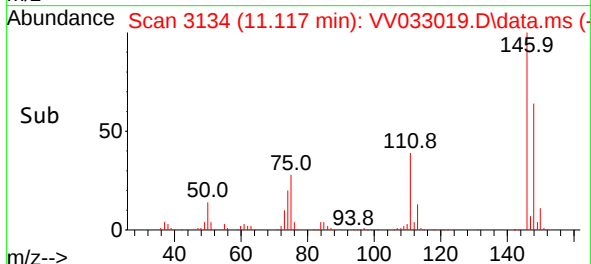
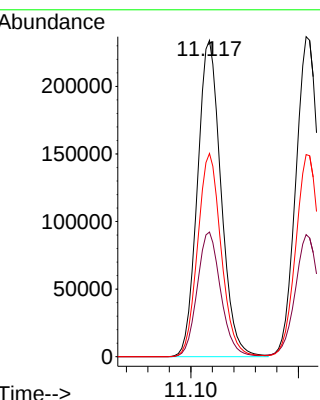
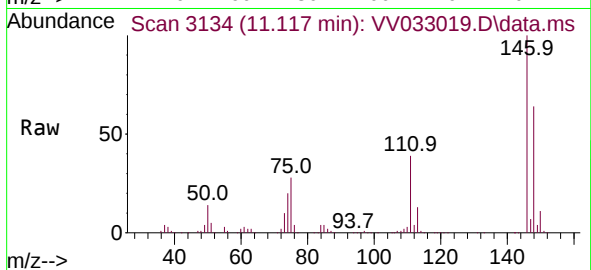
Tgt Ion:146 Resp: 355939

Ion Ratio Lower Upper

146 100

111 39.4 26.5 49.1

148 64.2 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 47.028 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

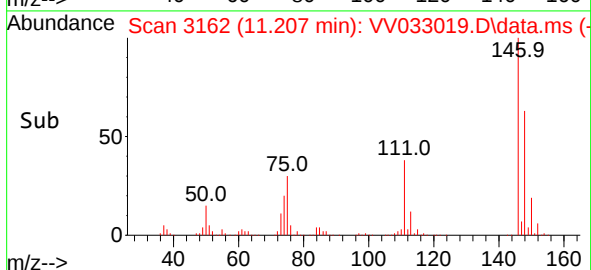
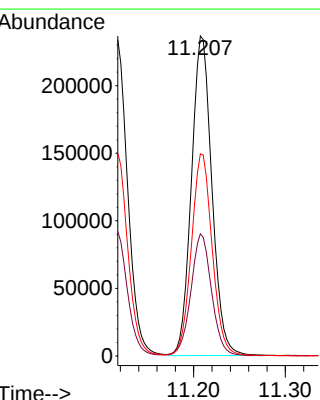
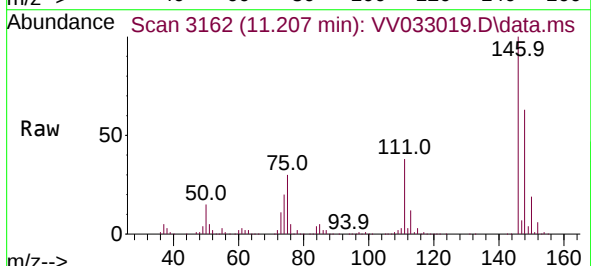
Tgt Ion:146 Resp: 366969

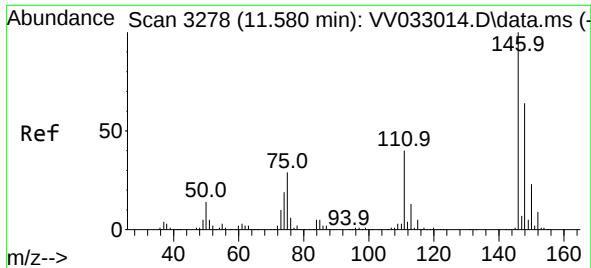
Ion Ratio Lower Upper

146 100

111 38.1 25.1 46.7

148 63.2 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 48.397 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

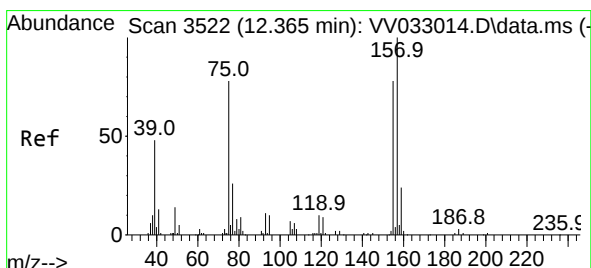
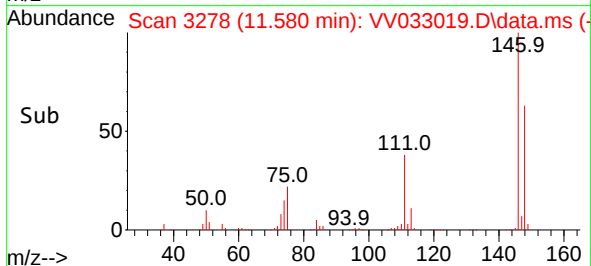
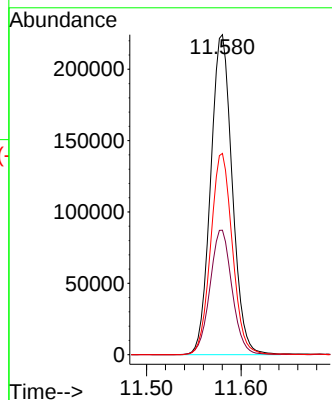
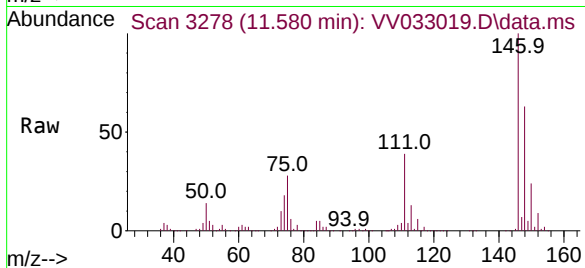
Tgt Ion:146 Resp: 356503

Ion Ratio Lower Upper

146 100

111 38.9 31.8 47.6

148 62.9 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.780 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

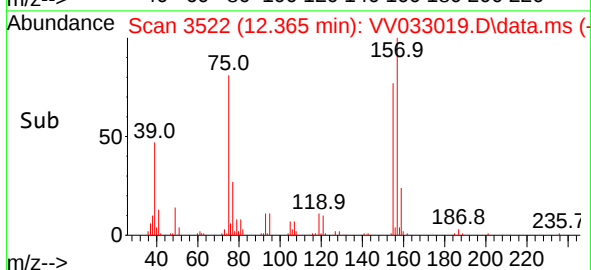
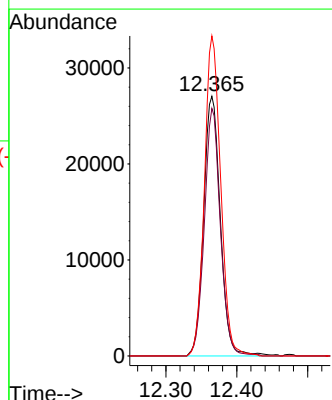
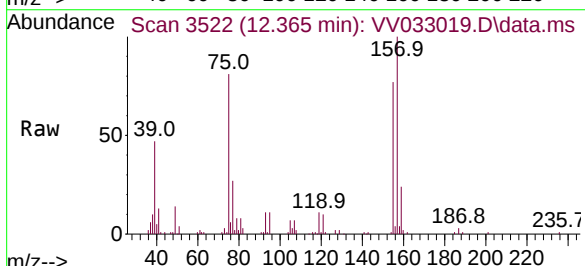
Tgt Ion: 75 Resp: 44373

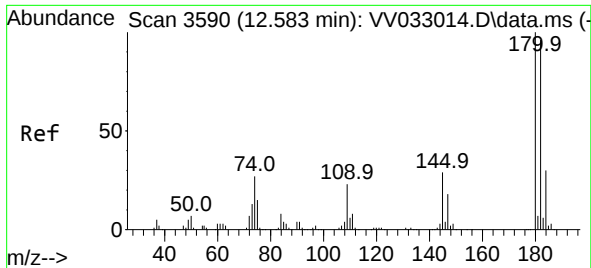
Ion Ratio Lower Upper

75 100

155 95.3 79.8 119.8

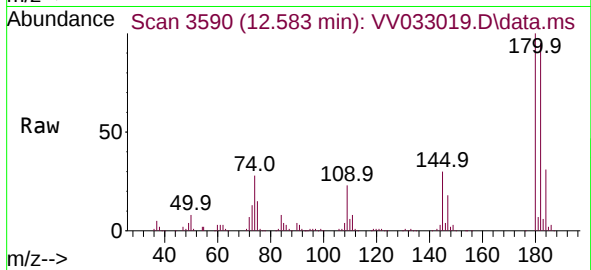
157 123.2 102.5 153.7



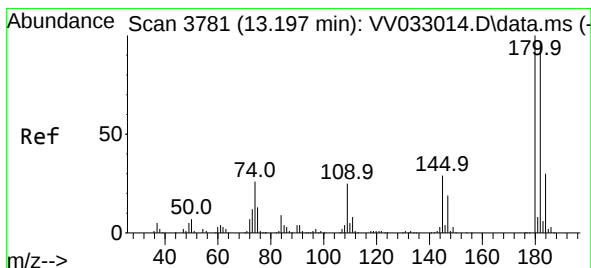
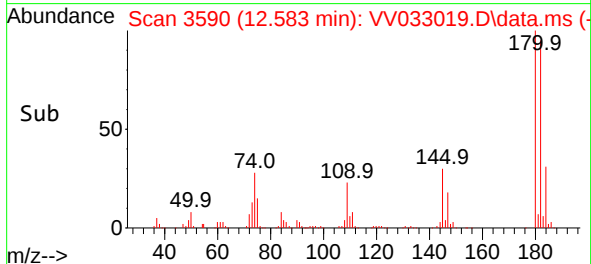
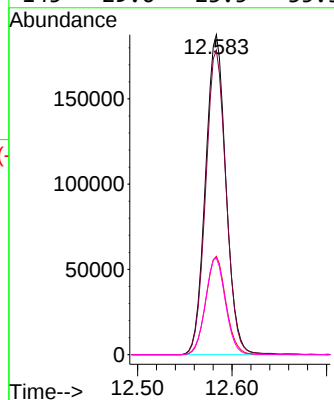


#69
 1,3,5-Trichlorobenzene
 Concen: 49.366 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Instrument :
 MSVOA_V
 ClientSampleId :

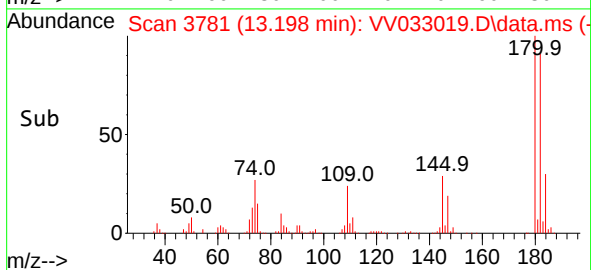
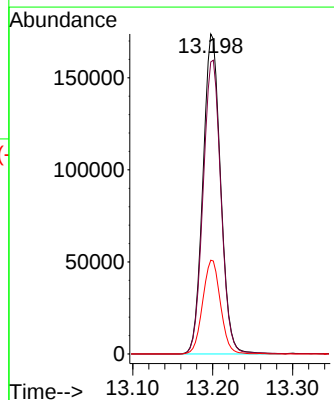
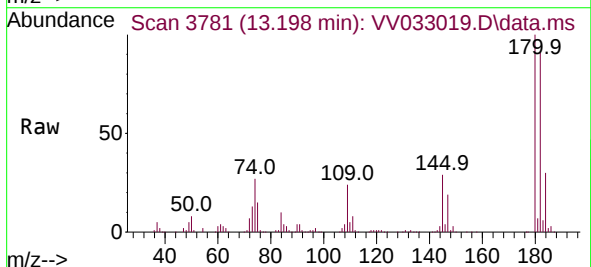


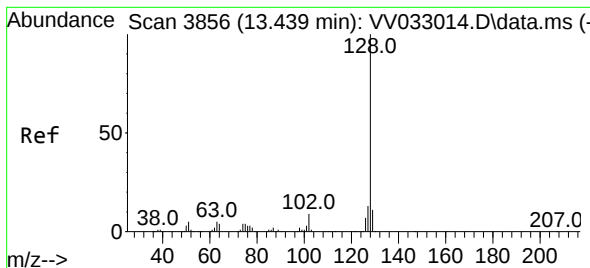
Tgt Ion:	180	Resp:	281744
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.6	115.0
184	30.5	24.5	36.7
145	29.6	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.119 ug/L
 RT: 13.198 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV033019.D
 Acq: 20 Nov 2023 13:24

Tgt Ion:	180	Resp:	267373
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.8	115.2
145	29.4	23.2	34.8





#71

Naphthalene

Concen: 52.772 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Instrument :

MSVOA_V

ClientSampleId :

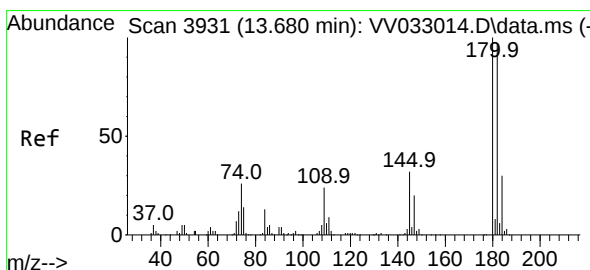
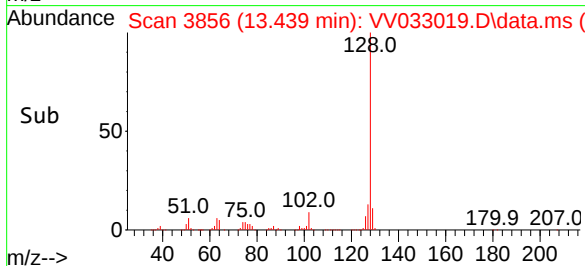
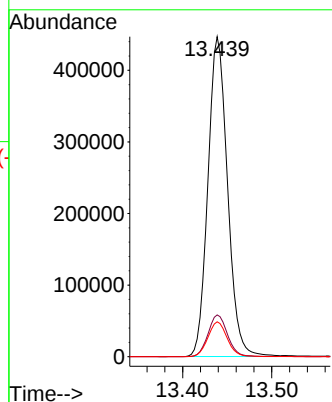
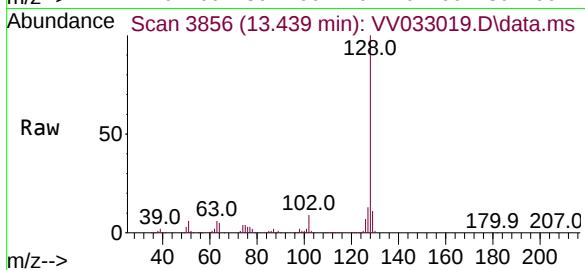
Tgt Ion:128 Resp: 682688

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.817 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033019.D

Acq: 20 Nov 2023 13:24

Tgt Ion:180 Resp: 257699

Ion Ratio Lower Upper

180 100

182 96.2 76.6 114.8

145 32.0 25.5 38.3

