

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033729.D
 Acq On : 18 Jan 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 00:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	98956	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	49723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35851	5.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.800%
7) Chloroethane-d5	1.536	69	29033	5.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.060	65	16812	6.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	124.600%
20) 2-Butanone-d5	3.841	46	18163	12.412	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	24.820%#
24) Chloroform-d	4.249	84	63393	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	4.944	65	27225	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	4.960	84	125257	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.989	67	33954	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.243	98	118563	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	7.555	79	12981	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.031	63	38302	35.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.900%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18066	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	35973	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	49566	4.971	ug/L	99
3) Chloromethane	1.217	50	53184	4.449	ug/L	99
5) Vinyl chloride	1.285	62	54725	4.807	ug/L	100
6) Bromomethane	1.491	94	19744	3.467	ug/L	98
8) Chloroethane	1.552	64	33420	4.833	ug/L	98
9) Trichlorofluoromethane	1.716	101	76179	5.507	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40894	5.260	ug/L	98
12) 1,1-Dichloroethene	2.073	96	39068	5.064	ug/L	95
13) Acetone	2.163	43	44125	37.144	ug/L	88
14) Carbon disulfide	2.243	76	133394	4.673	ug/L	99
15) Methyl Acetate	2.391	43	11256	3.964	ug/L	93
16) Methylene chloride	2.449	84	50524	5.549	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	80100	4.585	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	42237	4.846	ug/L	94
19) 1,1-Dichloroethane	3.111	63	81829	4.726	ug/L	98
21) 2-Butanone	3.912	43	60559	36.725	ug/L	90
22) cis-1,2-Dichloroethene	3.815	96	44037	4.826	ug/L	98
23) Bromochloromethane	4.153	128	16204	4.869	ug/L #	91
25) Chloroform	4.275	83	78529	4.939	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033729.D
 Acq On : 18 Jan 2024 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

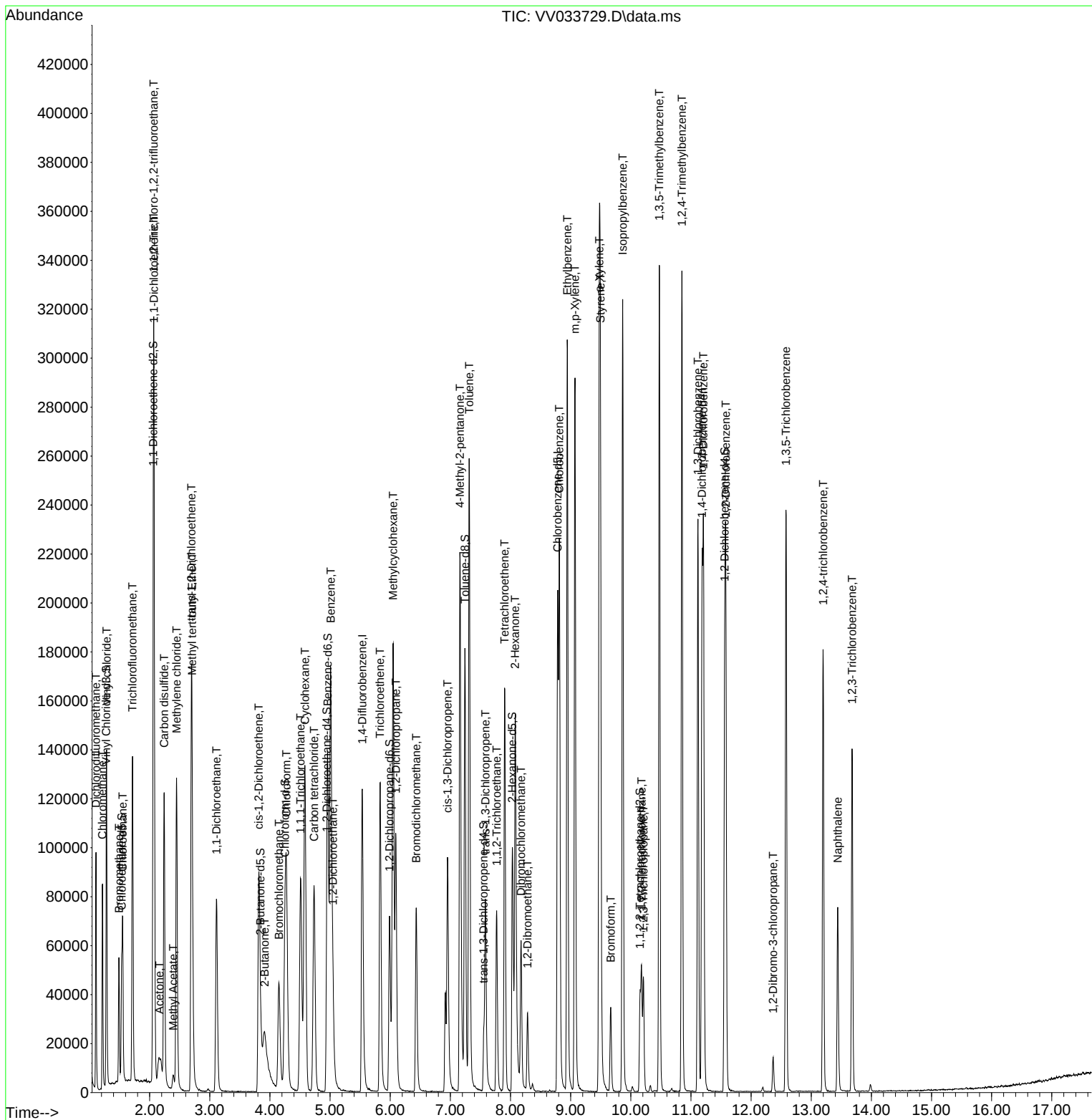
Instrument :
 MSVOA_V
 ClientSampleId :

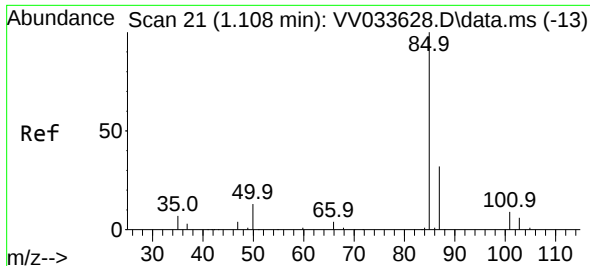
Quant Time: Jan 19 00:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	44175	4.876	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	72847	5.192	ug/L	99
30) Cyclohexane	4.584	56	77258	4.594	ug/L	94
31) Carbon tetrachloride	4.735	117	64074	5.357	ug/L	99
33) Benzene	5.011	78	173075	4.927	ug/L	100
34) Trichloroethene	5.831	95	45439	4.858	ug/L	96
35) Methylcyclohexane	6.047	83	76072	4.806	ug/L	98
37) 1,2-Dichloropropane	6.095	63	40400	4.630	ug/L	99
38) Bromodichloromethane	6.433	83	52290	4.917	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	59471	4.774	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	170900	42.610	ug/L	98
42) Toluene	7.314	91	185821	5.001	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	45467	4.528	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	22547	4.651	ug/L	99
47) Tetrachloroethene	7.902	164	35568	5.293	ug/L	98
48) 2-Hexanone	8.079	43	116404	39.617	ug/L	95
49) Dibromochloromethane	8.175	129	29946	4.962	ug/L	99
50) 1,2-Dibromoethane	8.285	107	21465	4.798	ug/L	95
51) Chlorobenzene	8.812	112	114182	5.016	ug/L	96
52) Ethylbenzene	8.944	91	210923	4.897	ug/L	97
53) m,p-Xylene	9.072	106	78318	4.936	ug/L	98
54) o-Xylene	9.477	106	75288	4.875	ug/L	96
55) Styrene	9.497	104	121680	4.944	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	24198	4.549	ug/L	99
59) Bromoform	9.667	173	15509	5.168	ug/L	97
60) Isopropylbenzene	9.866	105	204008	5.186	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	18024	4.522	ug/L	94
62) 1,3,5-Trimethylbenzene	10.474	105	175135	5.153	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	175279	5.108	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	89523	5.145	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	84626	4.967	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	76492	5.059	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	3902	4.454	ug/L	90
69) 1,3,5-Trichlorobenzene	12.580	180	70275	5.203	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	51108	4.541	ug/L	98
71) Naphthalene	13.442	128	59346	3.160	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	40180	4.452	ug/L	100

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

Quant Time: Jan 19 00:01:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration

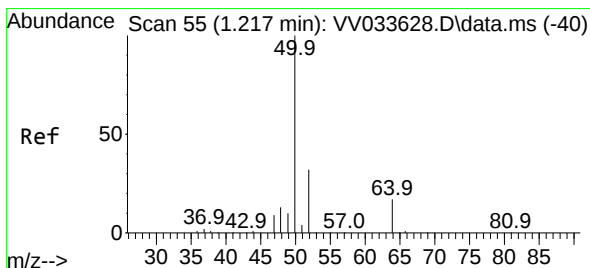
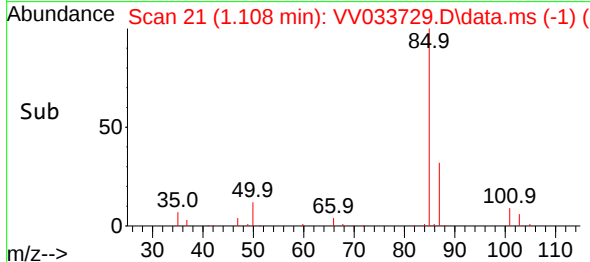
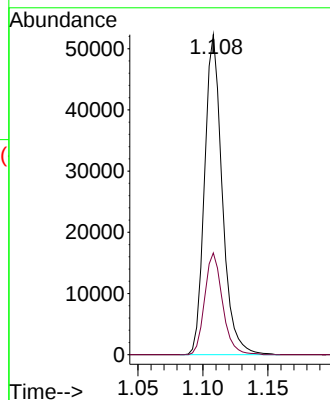
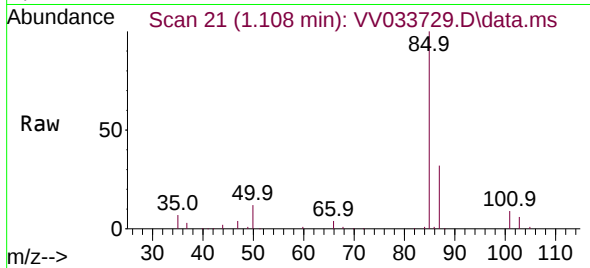




#2
 Dichlorodifluoromethane
 Concen: 4.971 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

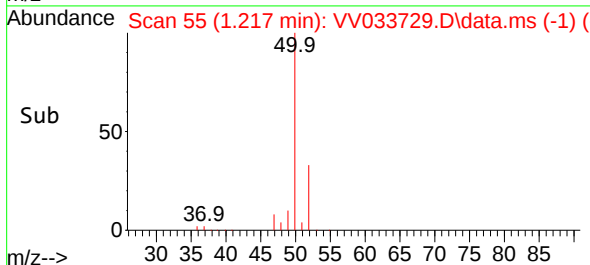
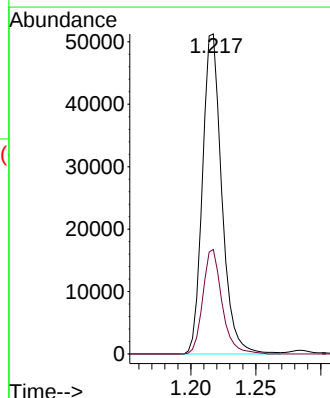
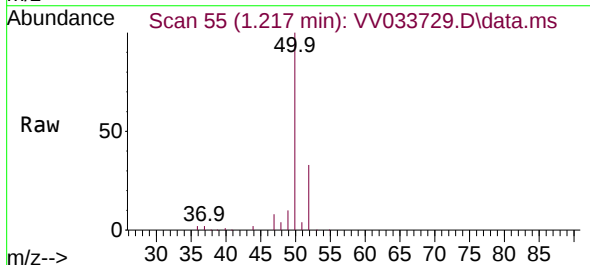
Instrument :
 MSVOA_V
 ClientSampleId :

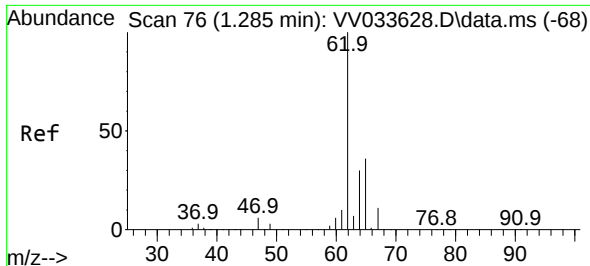
Tgt Ion: 85 Resp: 49566
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.2 37.8



#3
 Chloromethane
 Concen: 4.449 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

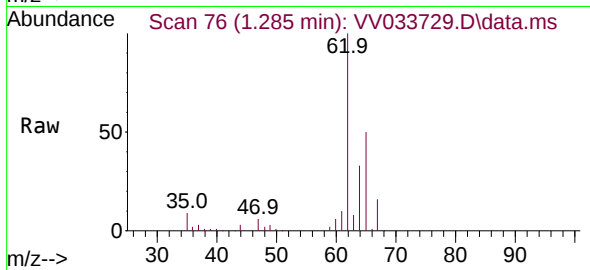
Tgt Ion: 50 Resp: 53184
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9



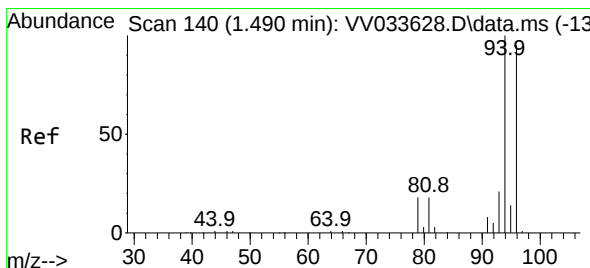
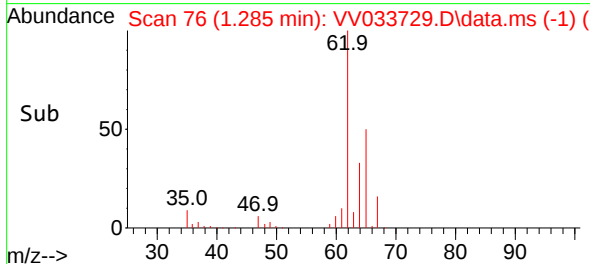
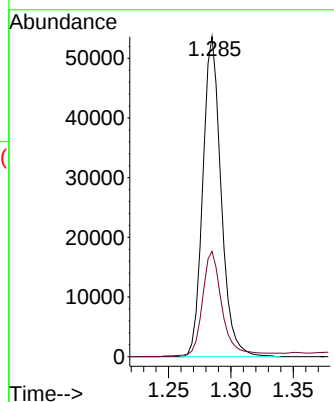


#5
 Vinyl chloride
 Concen: 4.807 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

Instrument :
 MSVOA_V
 ClientSampleId :

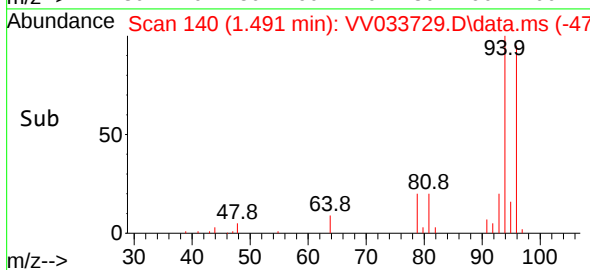
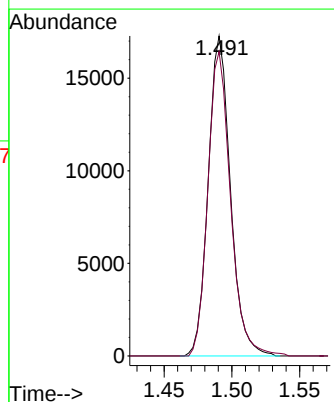
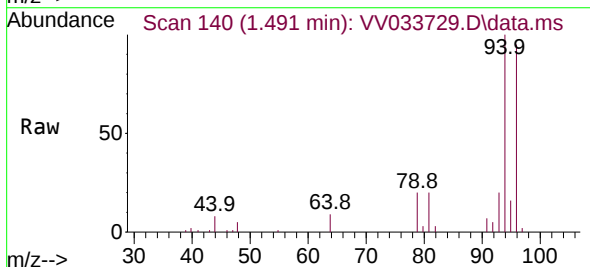


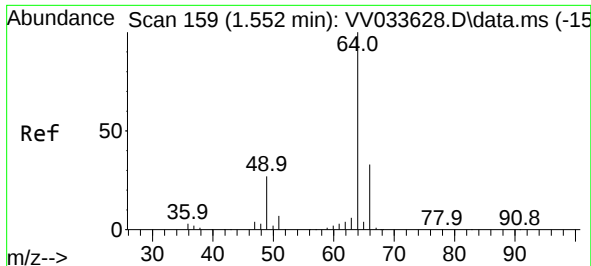
Tgt Ion: 62 Resp: 54725
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.0 42.8



#6
 Bromomethane
 Concen: 3.467 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

Tgt Ion: 94 Resp: 19744
 Ion Ratio Lower Upper
 94 100
 96 95.1 65.5 121.6

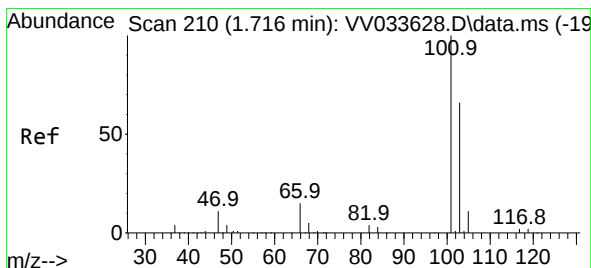
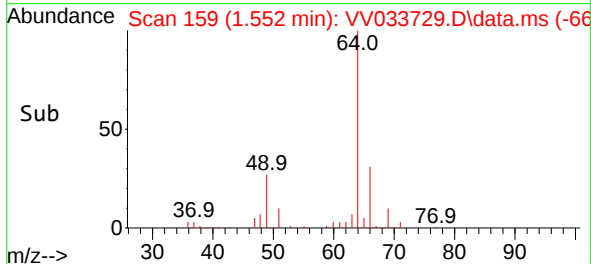
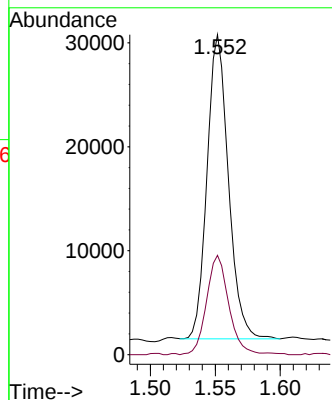
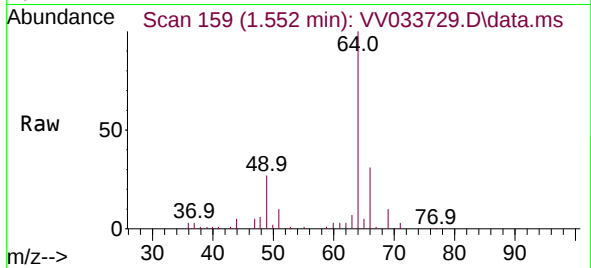




#8
Chloroethane
Concen: 4.833 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

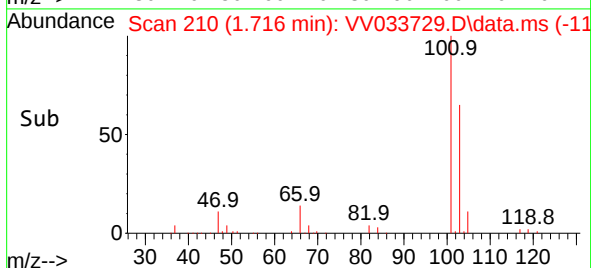
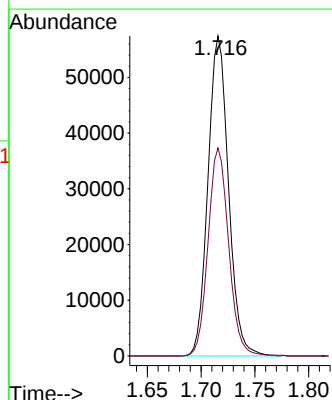
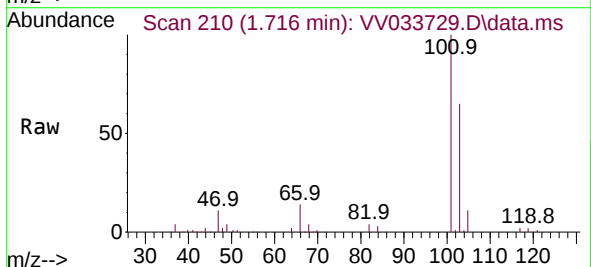
Instrument :
MSVOA_V
ClientSampleId :

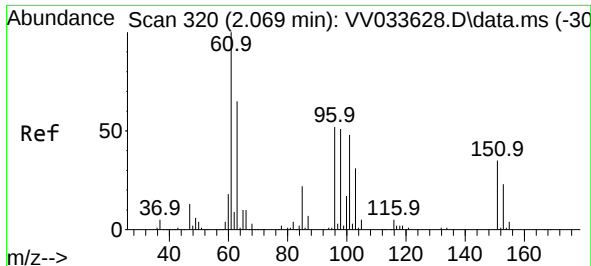
Tgt Ion: 64 Resp: 33420
Ion Ratio Lower Upper
64 100
66 31.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.507 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:101 Resp: 76179
Ion Ratio Lower Upper
101 100
103 65.2 52.1 78.1

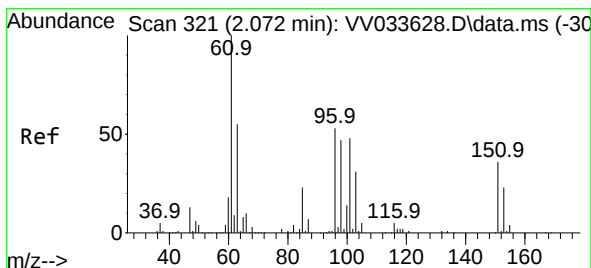
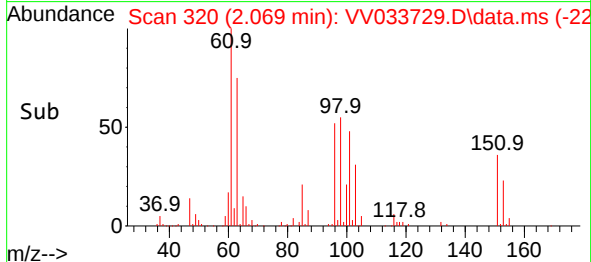
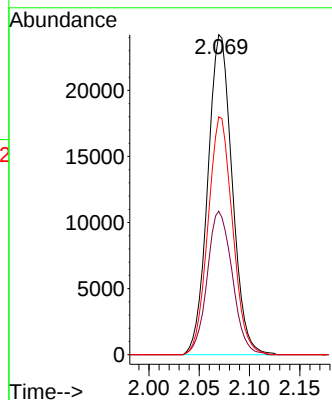
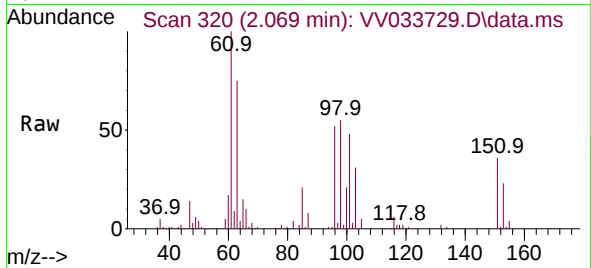




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.260 ug/L
RT: 2.069 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

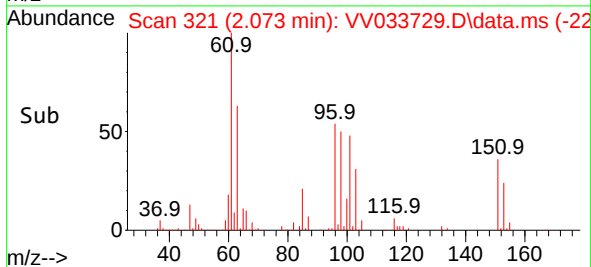
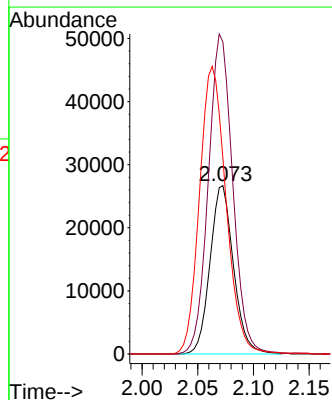
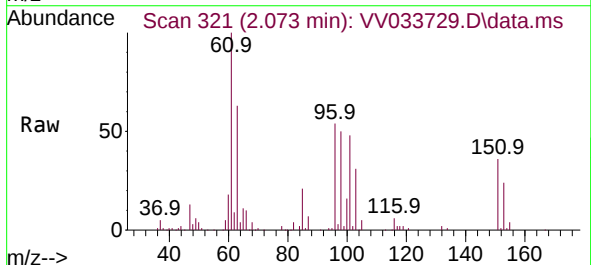
Instrument :
MSVOA_V
ClientSampleId :

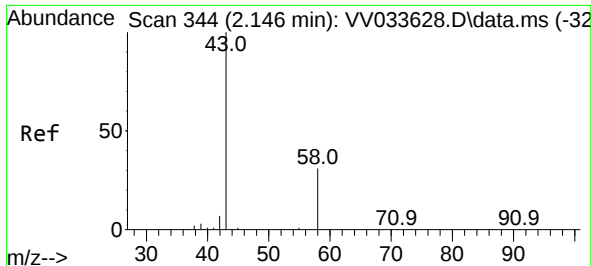
Tgt Ion:101 Resp: 40894
Ion Ratio Lower Upper
101 100
85 46.0 36.4 54.6
151 74.7 58.1 87.1



#12
1,1-Dichloroethene
Concen: 5.064 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 96 Resp: 39068
Ion Ratio Lower Upper
96 100
61 185.3 133.8 248.4
63 116.1 77.2 143.4





#13

Acetone

Concen: 37.144 ug/L

RT: 2.163 min Scan# 34

Delta R.T. 0.016 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

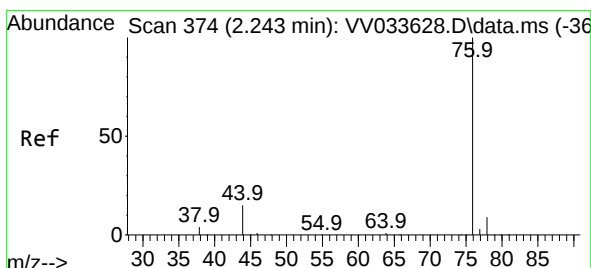
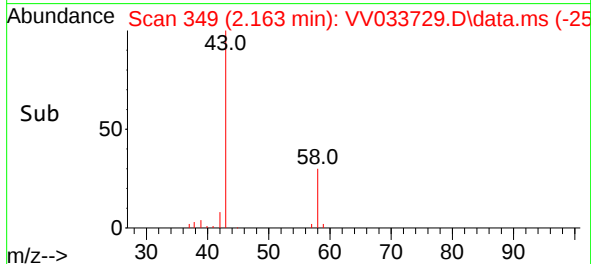
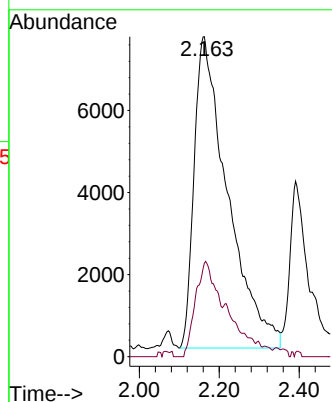
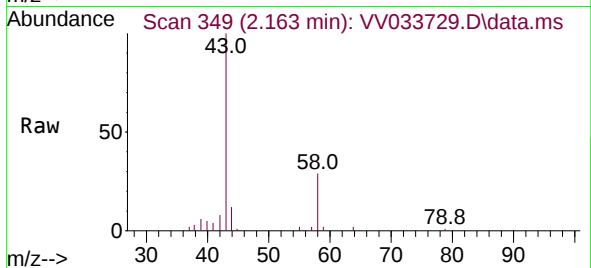
ClientSampleId :

Tgt Ion: 43 Resp: 44125

Ion Ratio Lower Upper

43 100

58 19.3 0.0 51.0



#14

Carbon disulfide

Concen: 4.673 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033729.D

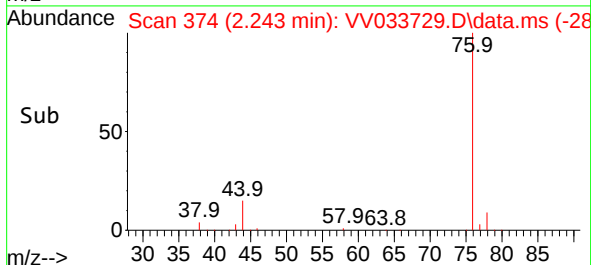
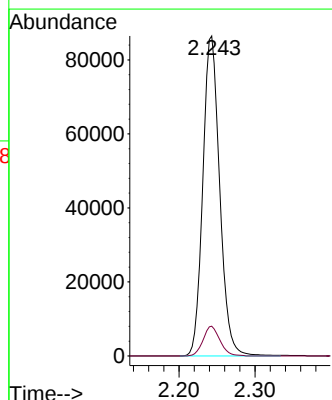
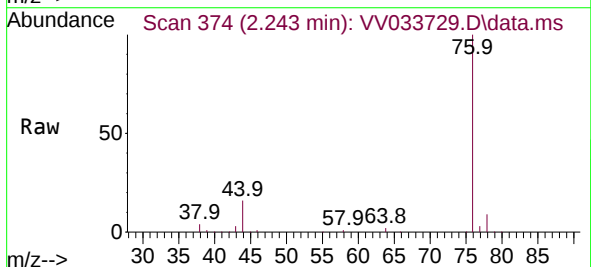
Acq: 18 Jan 2024 09:50

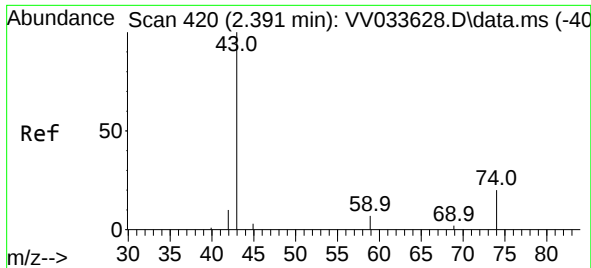
Tgt Ion: 76 Resp: 133394

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

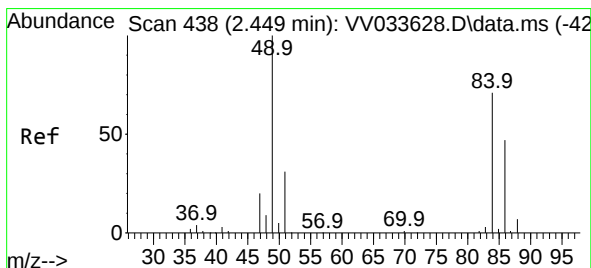
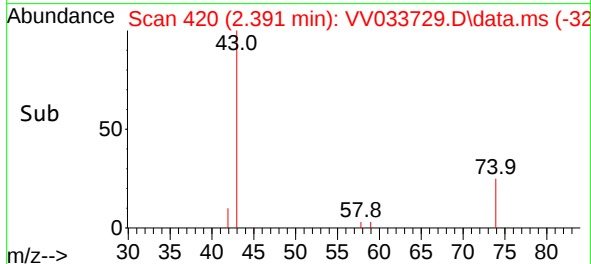
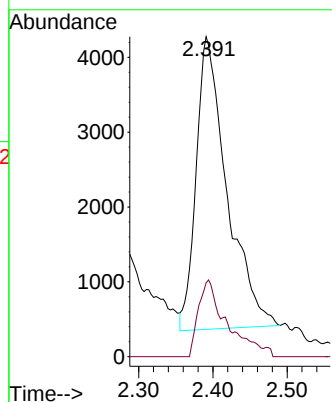
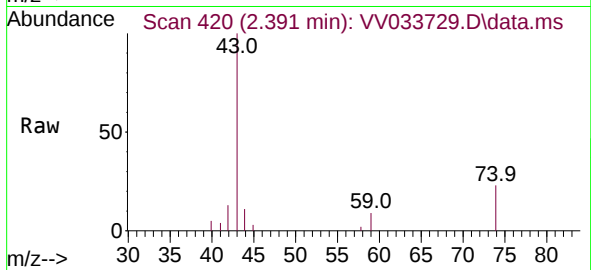




#15
Methyl Acetate
Concen: 3.964 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

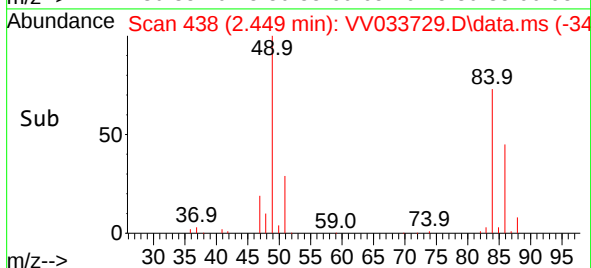
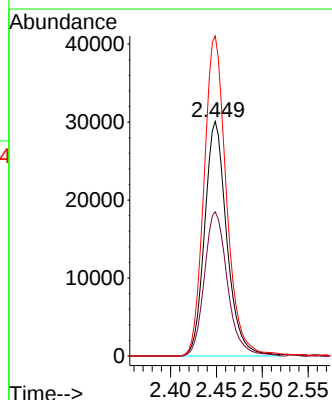
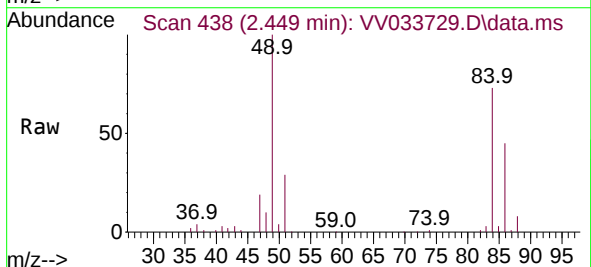
Instrument :
MSVOA_V
ClientSampleId :

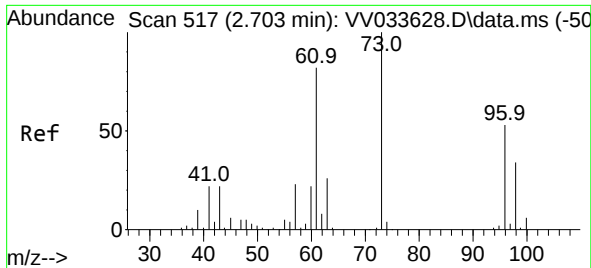
Tgt Ion: 43 Resp: 11256
Ion Ratio Lower Upper
43 100
74 23.9 16.6 24.8



#16
Methylene chloride
Concen: 5.549 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 84 Resp: 50524
Ion Ratio Lower Upper
84 100
86 61.4 45.5 84.5
49 136.4 100.3 186.3

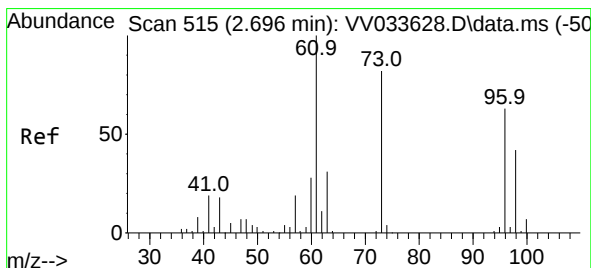
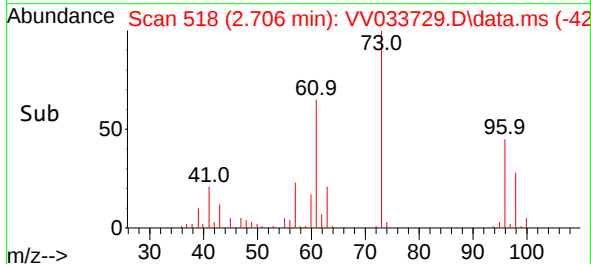
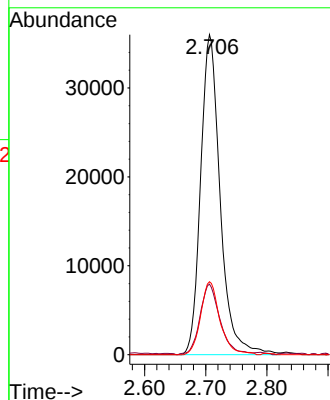
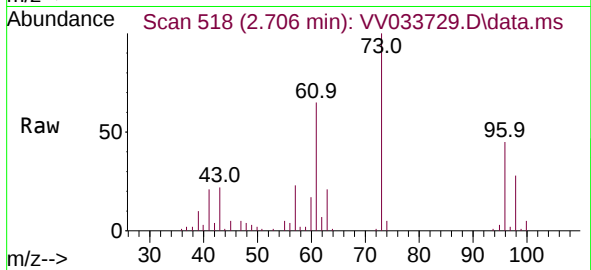




#17
Methyl tert-butyl Ether
Concen: 4.585 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

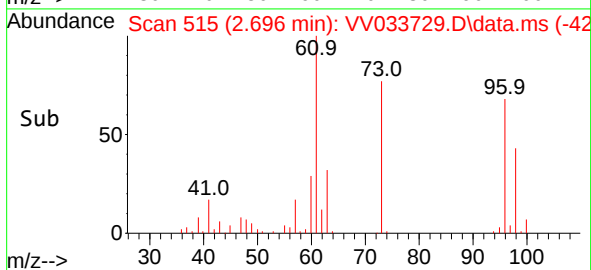
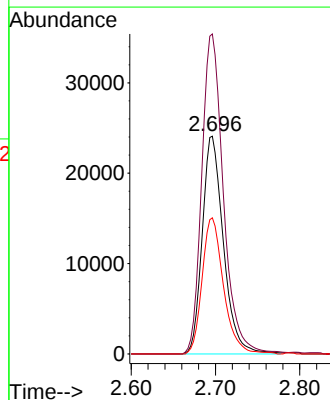
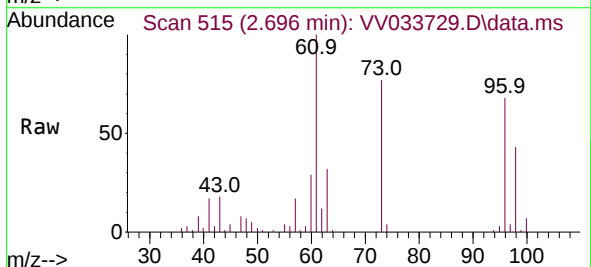
Instrument :
MSVOA_V
ClientSampleId :

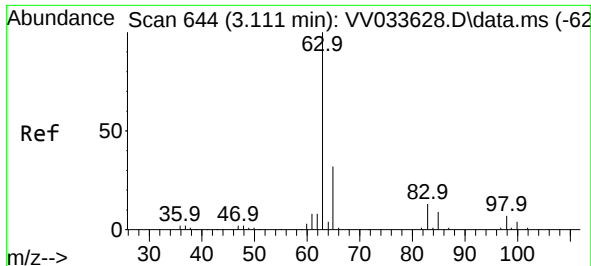
Tgt Ion: 73 Resp: 80100
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 22.4 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.846 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 96 Resp: 42237
Ion Ratio Lower Upper
96 100
61 146.9 110.4 205.0
98 62.5 44.1 81.9

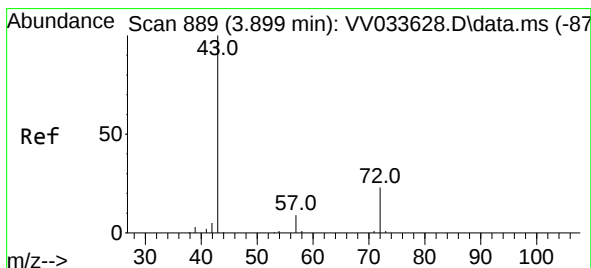
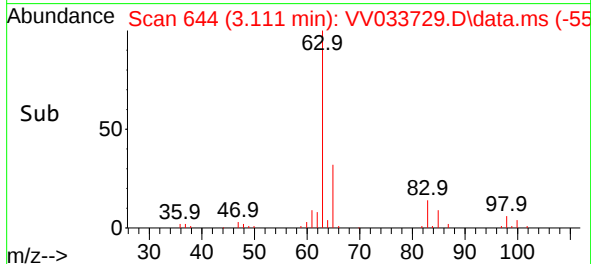
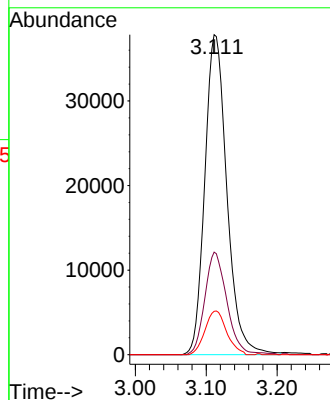
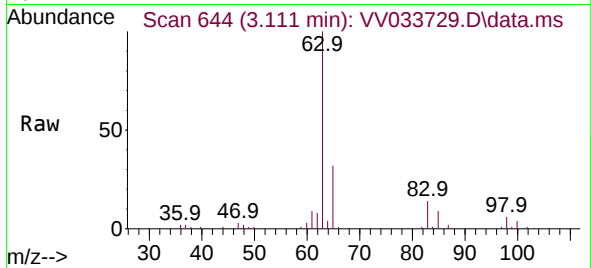




#19
1,1-Dichloroethane
Concen: 4.726 ug/L
RT: 3.111 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

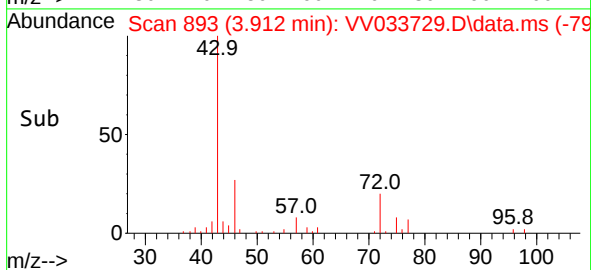
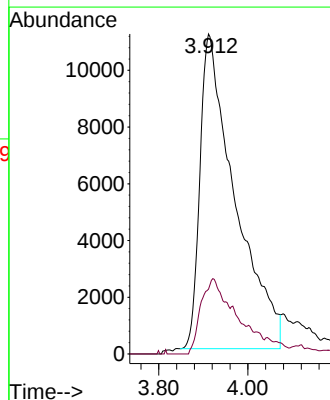
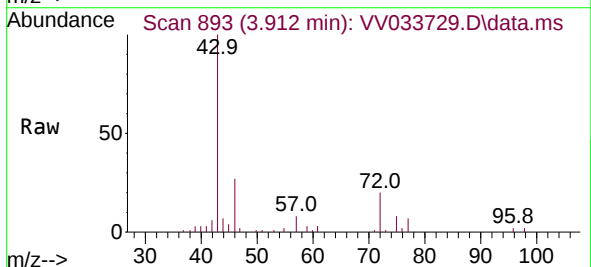
Instrument :
MSVOA_V
ClientSampleId :

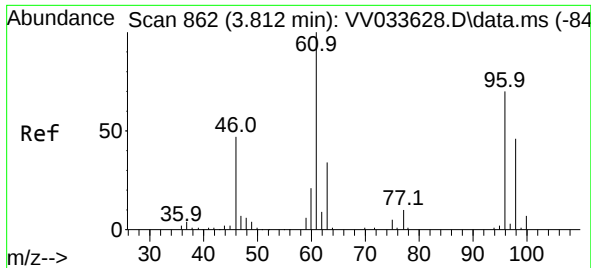
Tgt Ion: 63 Resp: 81829
Ion Ratio Lower Upper
63 100
65 32.0 21.6 40.2
83 13.5 9.1 16.9



#21
2-Butanone
Concen: 36.725 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 43 Resp: 60559
Ion Ratio Lower Upper
43 100
72 16.2 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 4.826 ug/L

RT: 3.815 min Scan# 862

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

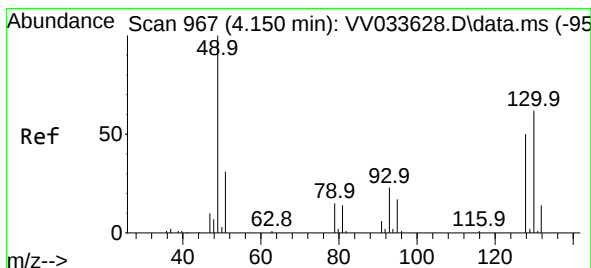
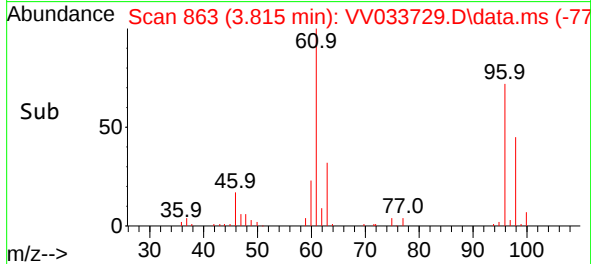
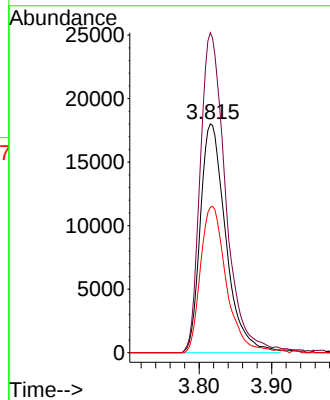
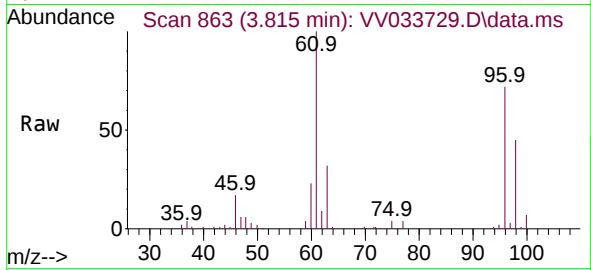
Tgt Ion: 96 Resp: 44037

Ion Ratio Lower Upper

96 100

61 139.8 97.1 180.3

98 63.6 42.6 79.0



#23

Bromochloromethane

Concen: 4.869 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.006 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Tgt Ion:128 Resp: 16204

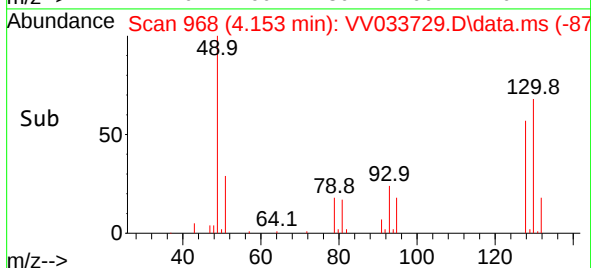
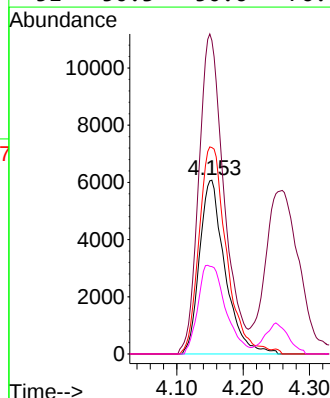
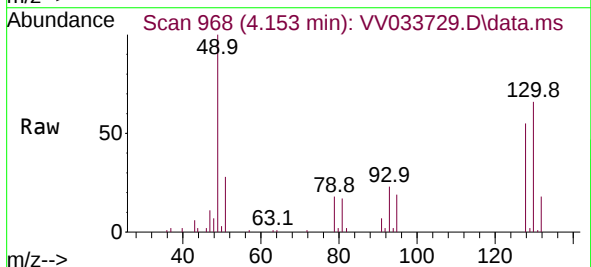
Ion Ratio Lower Upper

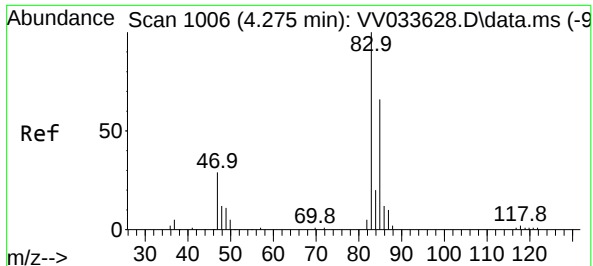
128 100

49 180.4 136.4 253.2

130 118.8 87.5 162.5

51 50.3 50.6 76.0#

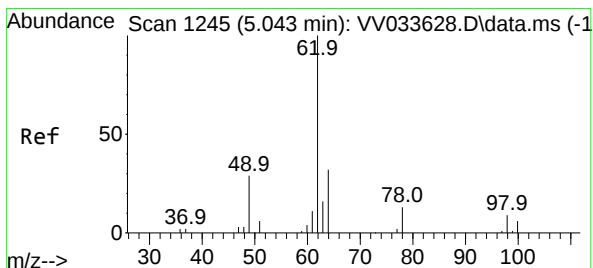
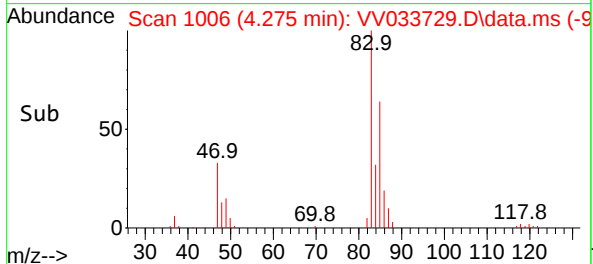
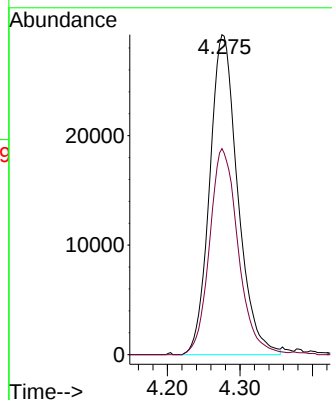
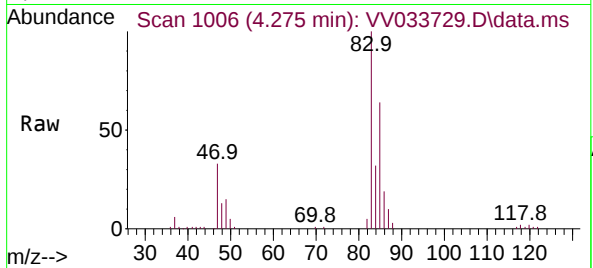




#25
Chloroform
Concen: 4.939 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

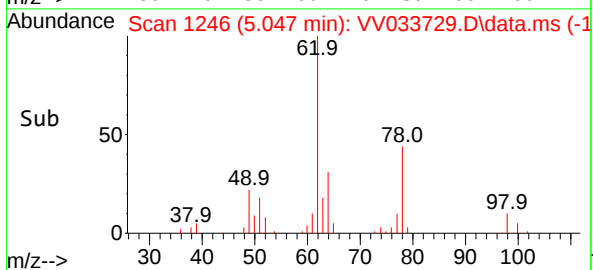
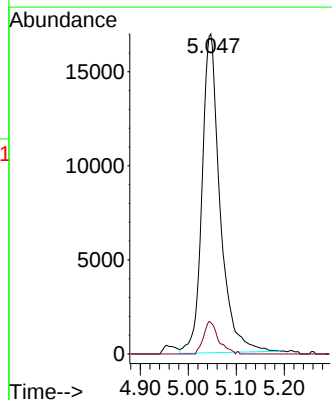
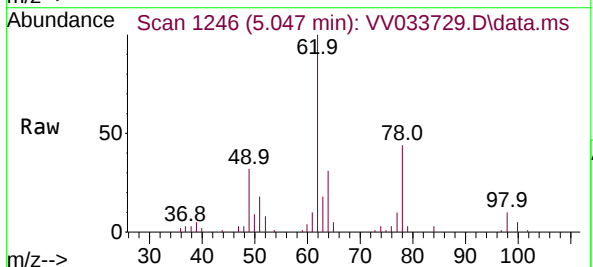
Instrument :
MSVOA_V
ClientSampleId :

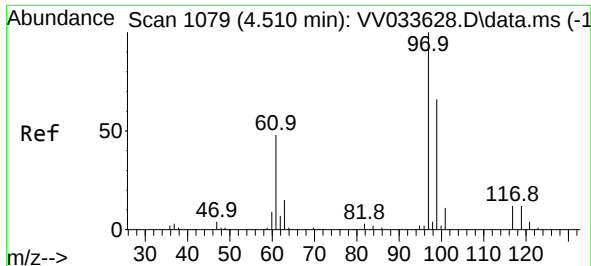
Tgt Ion: 83 Resp: 78529
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.876 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 62 Resp: 44175
Ion Ratio Lower Upper
62 100
98 9.8 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.192 ug/L

RT: 4.510 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

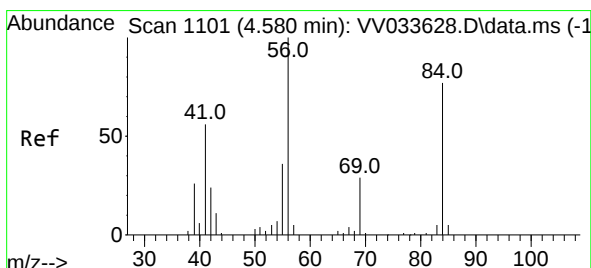
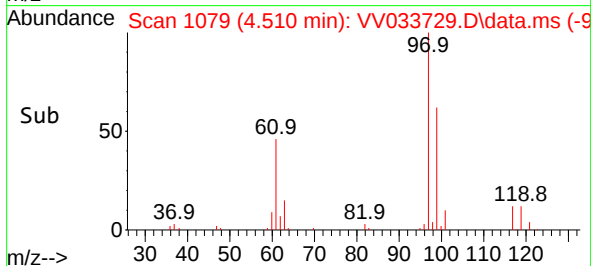
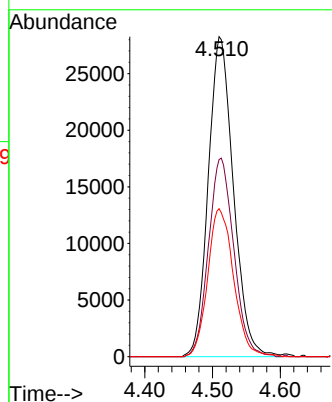
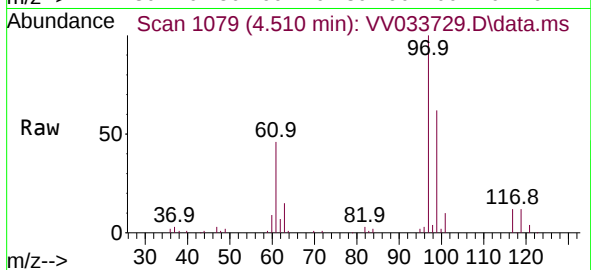
Tgt Ion: 97 Resp: 72847

Ion Ratio Lower Upper

97 100

99 62.5 50.8 76.2

61 47.6 38.1 57.1



#30

Cyclohexane

Concen: 4.594 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

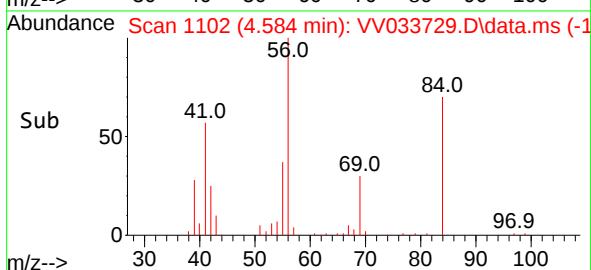
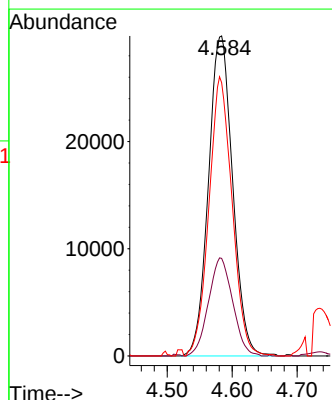
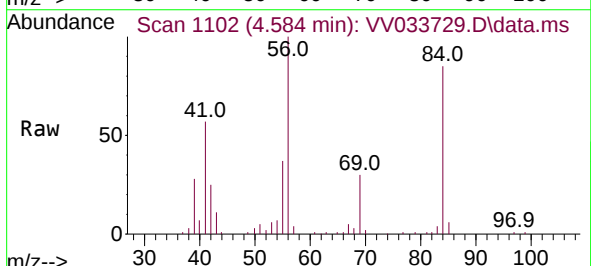
Tgt Ion: 56 Resp: 77258

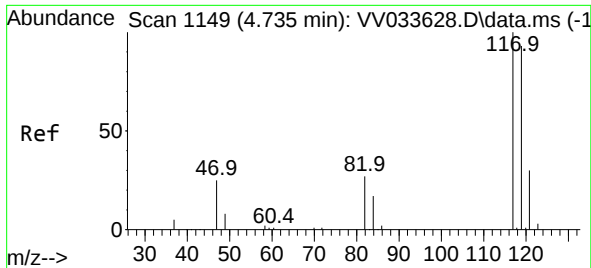
Ion Ratio Lower Upper

56 100

69 30.6 23.3 34.9

84 83.6 61.7 92.5

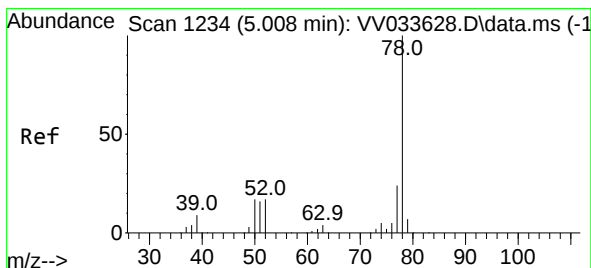
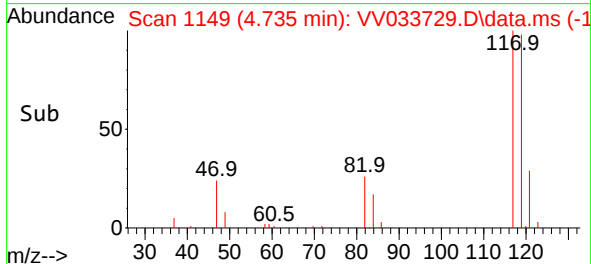
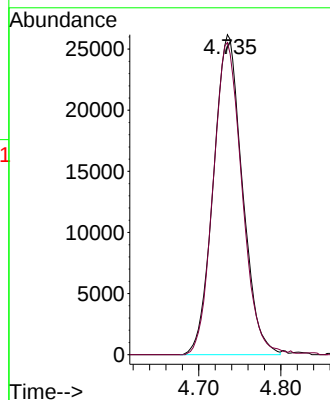
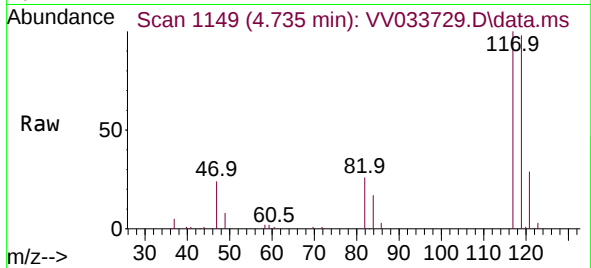




#31
Carbon tetrachloride
Concen: 5.357 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

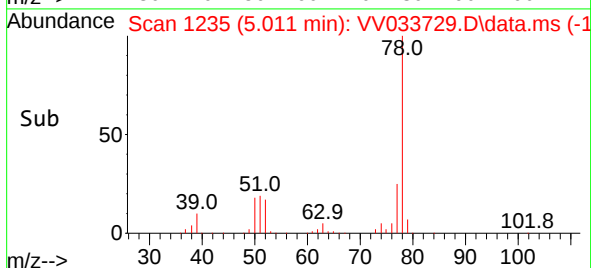
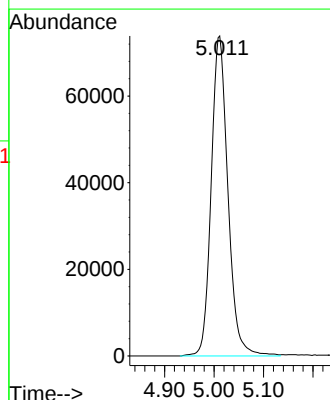
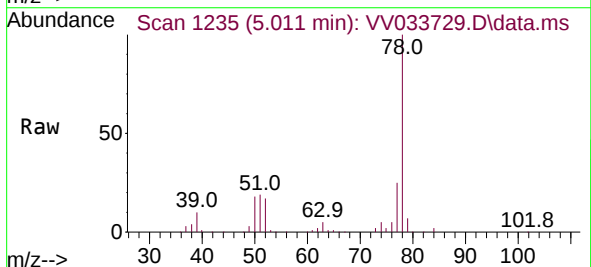
Instrument :
MSVOA_V
ClientSampleId :

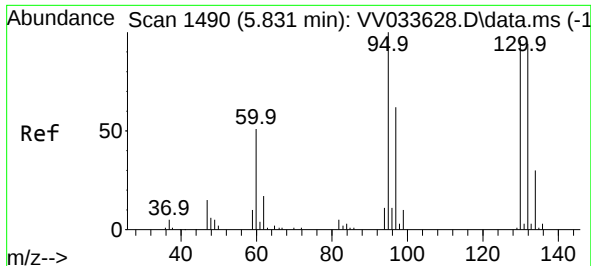
Tgt Ion:117 Resp: 64074
Ion Ratio Lower Upper
117 100
119 97.3 78.3 117.5



#33
Benzene
Concen: 4.927 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

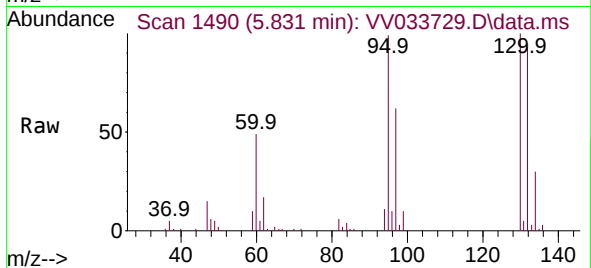
Tgt Ion: 78 Resp: 173075



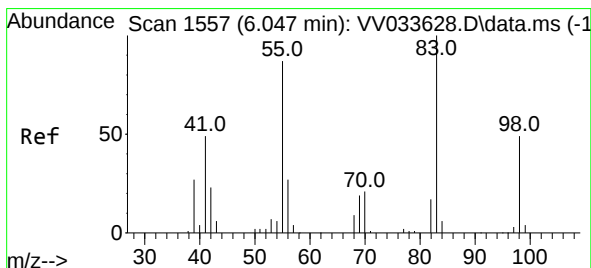
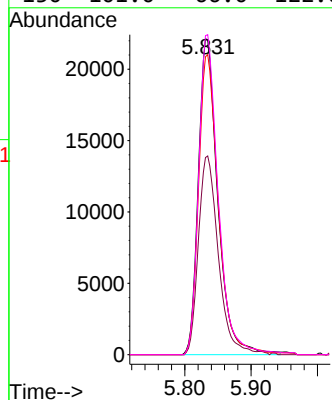
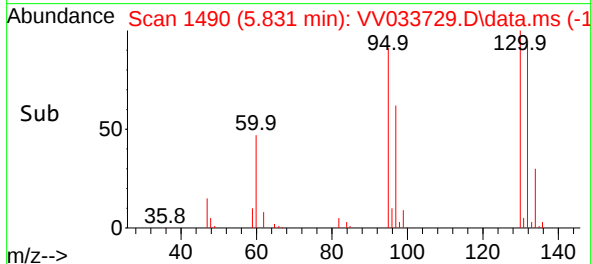


#34
Trichloroethene
Concen: 4.858 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

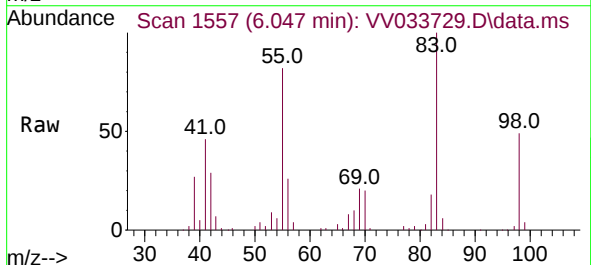
Instrument :
MSVOA_V
ClientSampleId :



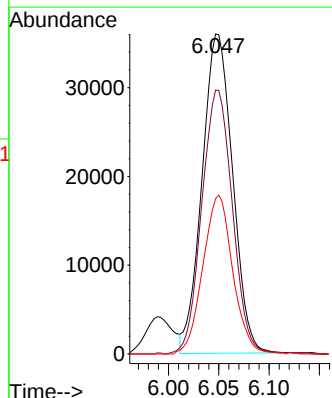
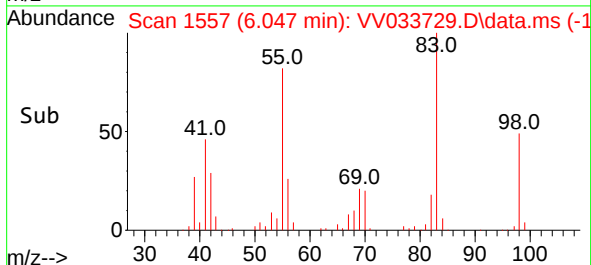
Tgt Ion: 95 Resp: 45439
Ion Ratio Lower Upper
95 100
97 62.4 45.1 83.9
132 94.3 65.2 121.2
130 101.0 66.0 122.6

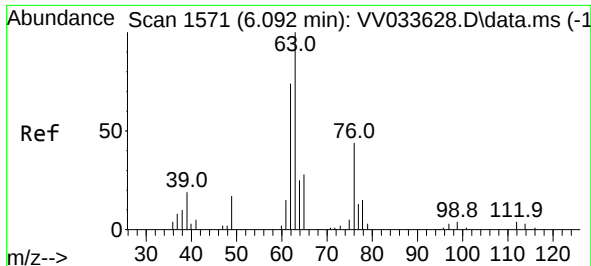


#35
Methylcyclohexane
Concen: 4.806 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50



Tgt Ion: 83 Resp: 76072
Ion Ratio Lower Upper
83 100
55 83.0 68.7 103.1
98 48.6 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.630 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

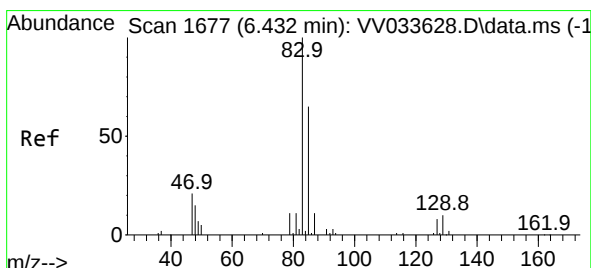
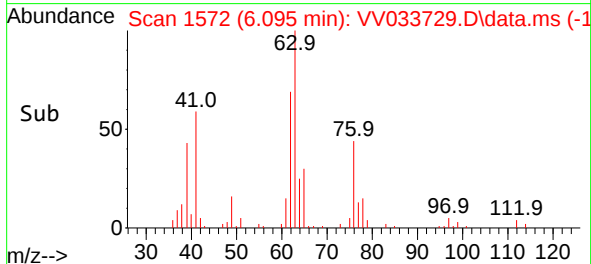
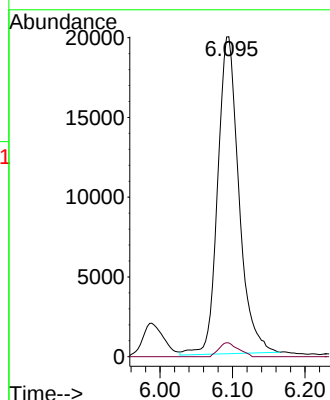
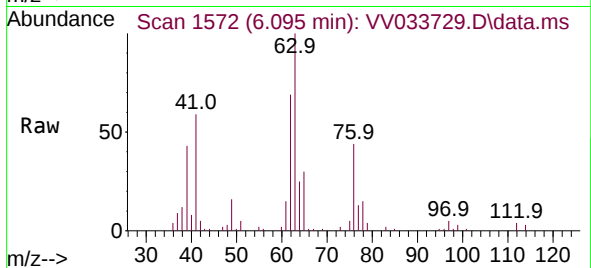
ClientSampleId :

Tgt Ion: 63 Resp: 40400

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.2



#38

Bromodichloromethane

Concen: 4.917 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

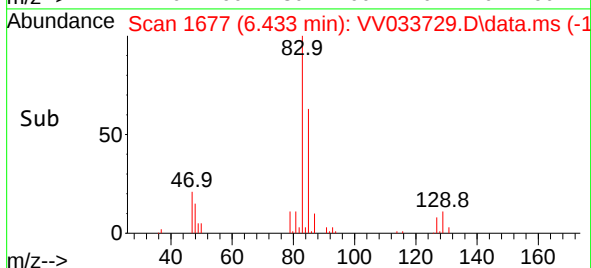
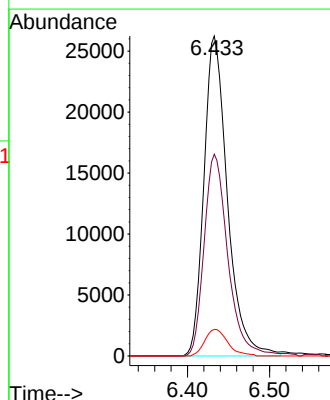
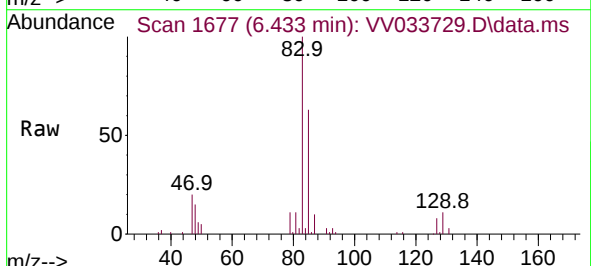
Tgt Ion: 83 Resp: 52290

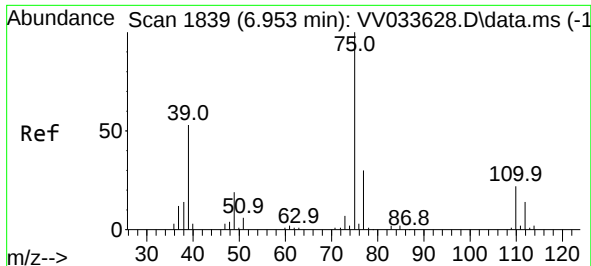
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.9

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.774 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

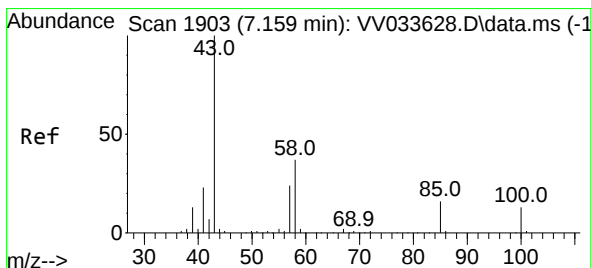
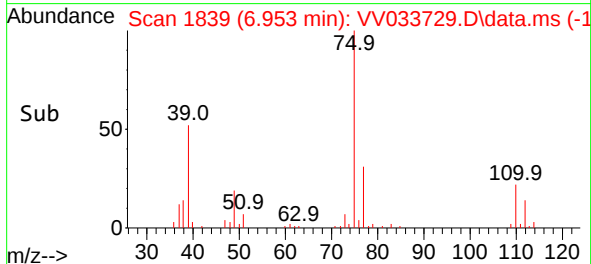
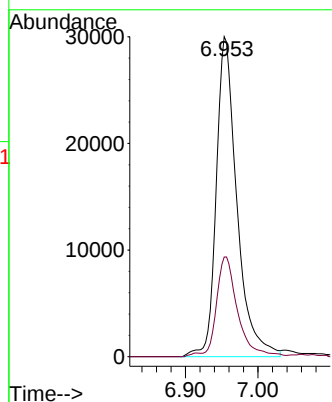
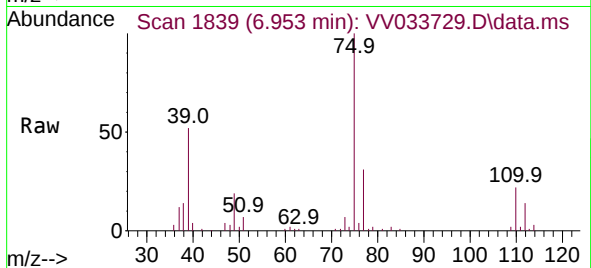
ClientSampleId :

Tgt Ion: 75 Resp: 59471

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 42.610 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

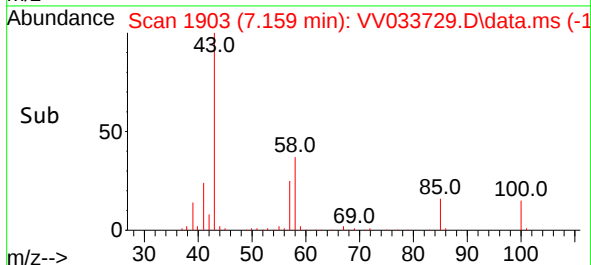
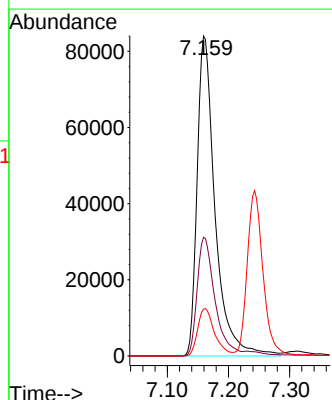
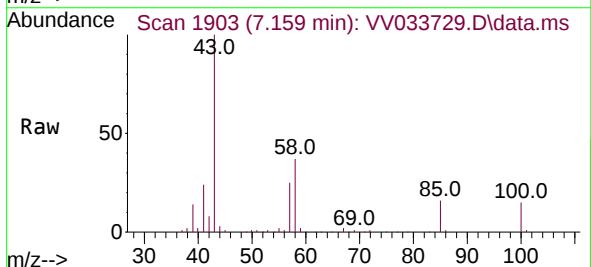
Tgt Ion: 43 Resp: 170900

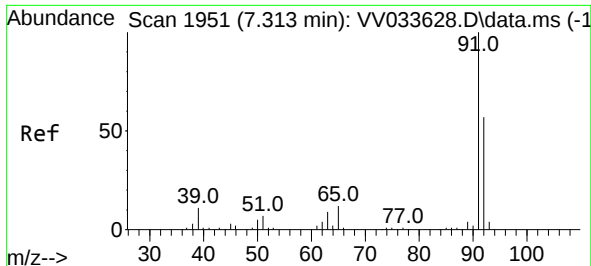
Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9

100 14.0 9.9 14.9





#42

Toluene

Concen: 5.001 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

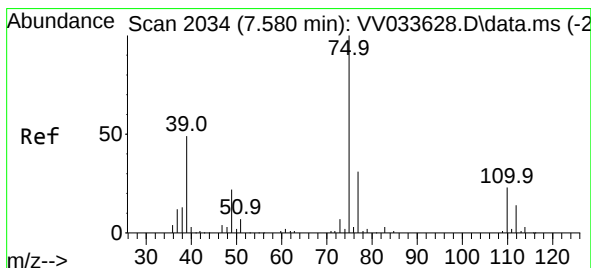
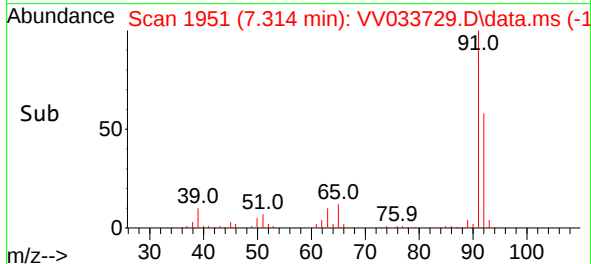
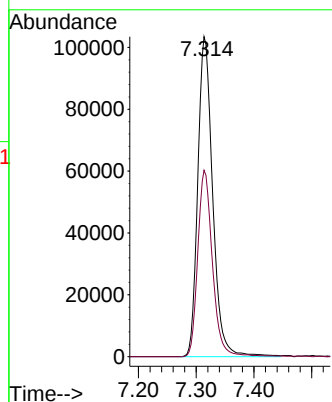
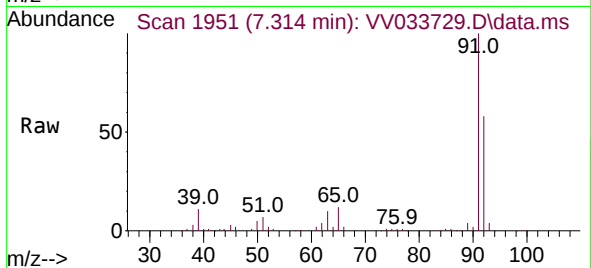
ClientSampleId :

Tgt Ion: 91 Resp: 185821

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.528 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033729.D

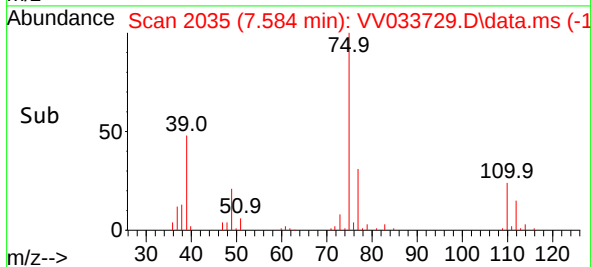
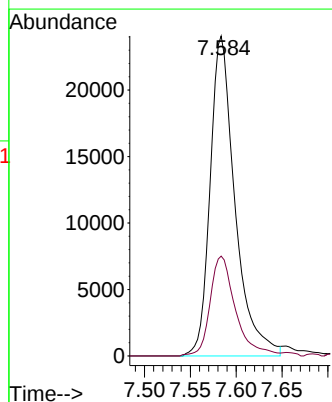
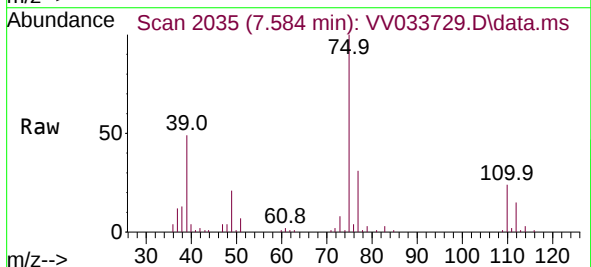
Acq: 18 Jan 2024 09:50

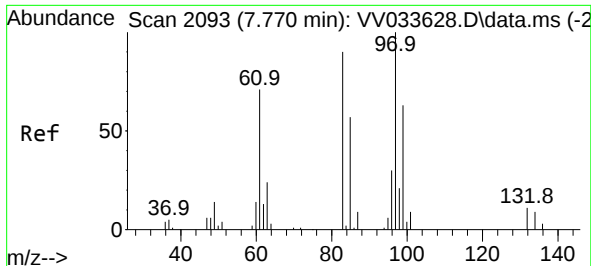
Tgt Ion: 75 Resp: 45467

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7



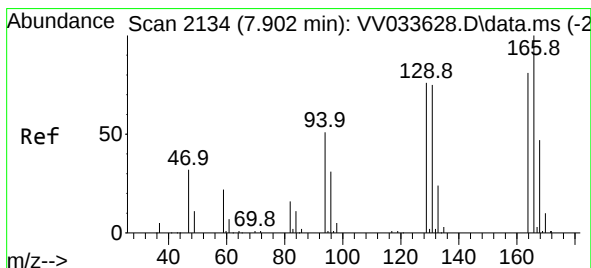
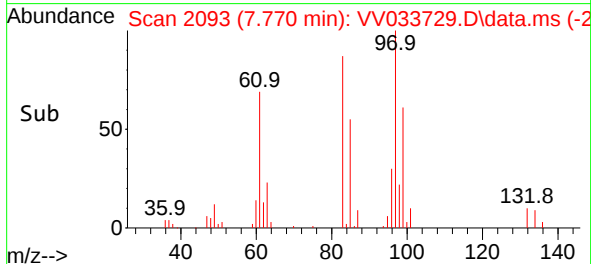
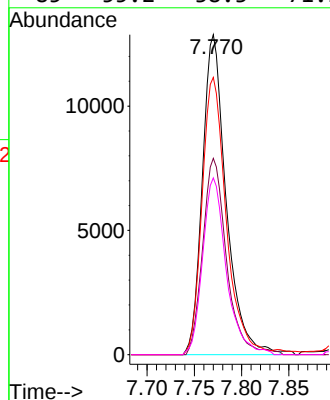
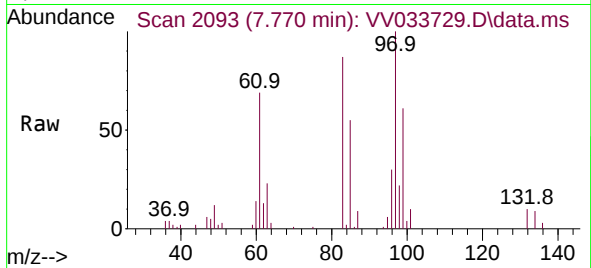


#45
1,1,2-Trichloroethane
Concen: 4.651 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 22547

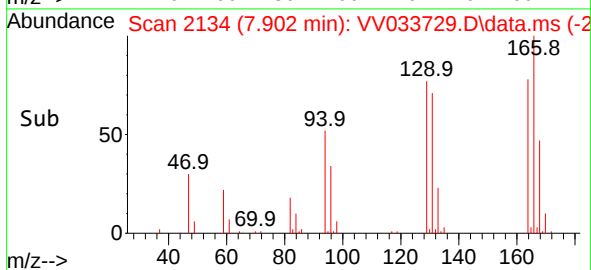
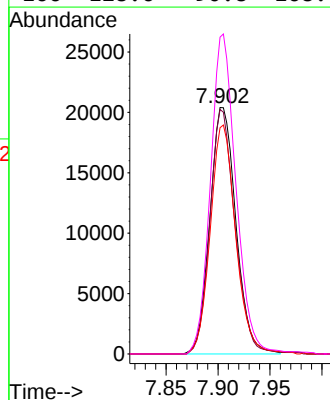
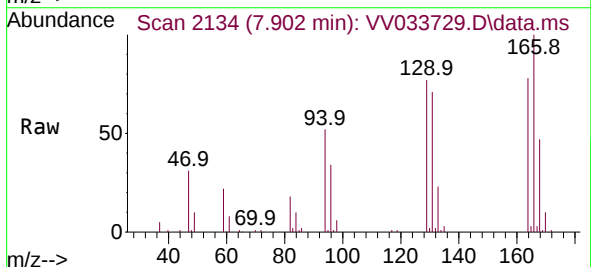
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.9	83.3
83	86.6	60.5	112.3
85	55.2	38.3	71.1

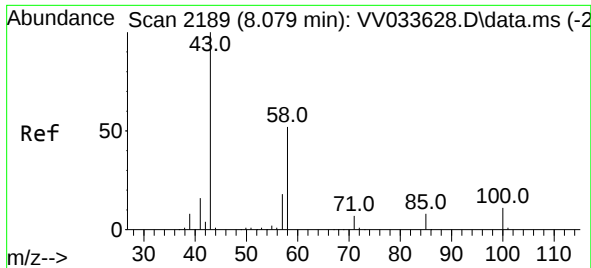


#47
Tetrachloroethene
Concen: 5.293 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 164 Resp: 35568

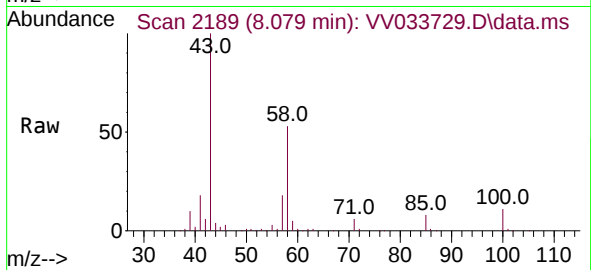
Ion	Ratio	Lower	Upper
164	100		
129	99.2	67.1	124.7
131	91.8	65.0	120.6
166	128.6	90.8	168.6



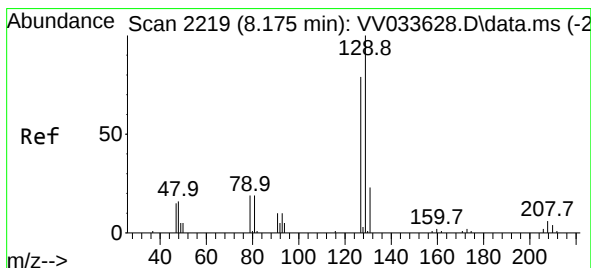
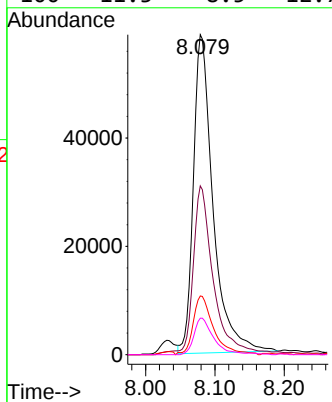
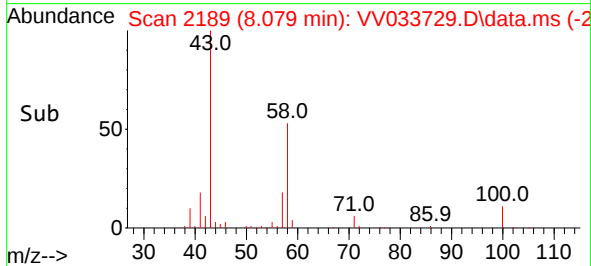


#48
2-Hexanone
Concen: 39.617 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

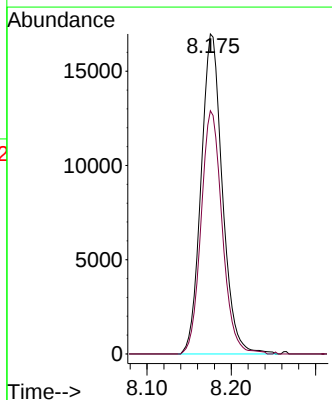
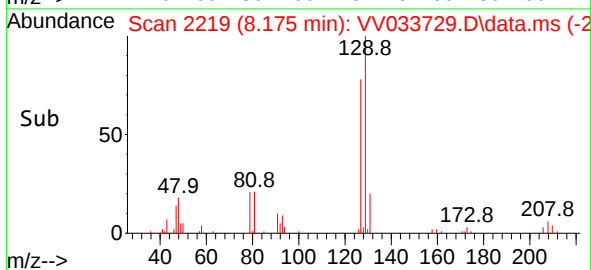
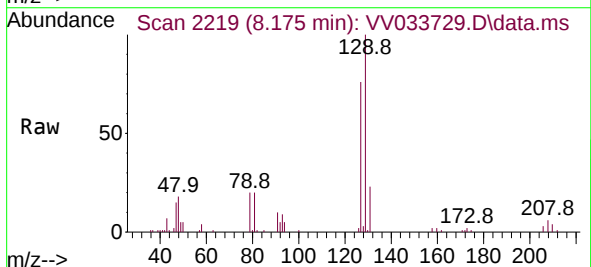


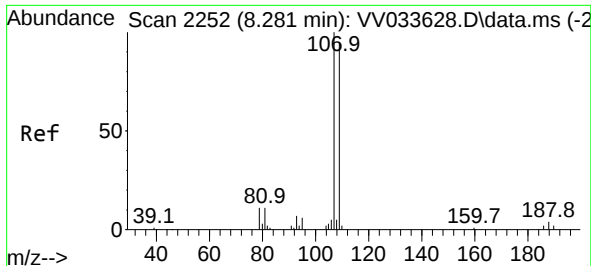
Tgt Ion:	43	Resp:	116404
Ion	Ratio	Lower	Upper
43	100		
58	55.0	40.6	61.0
57	19.0	13.8	20.8
100	11.3	8.5	12.7



#49
Dibromochloromethane
Concen: 4.962 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:	129	Resp:	29946
Ion	Ratio	Lower	Upper
129	100		
127	76.0	53.6	99.6

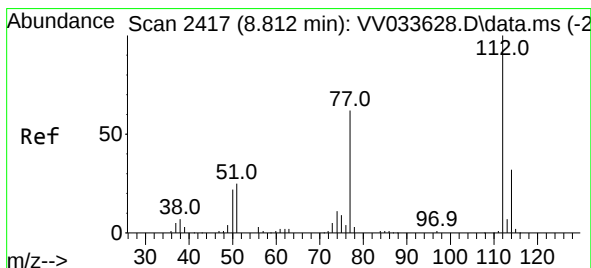
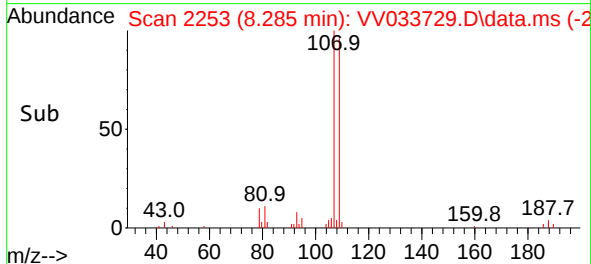
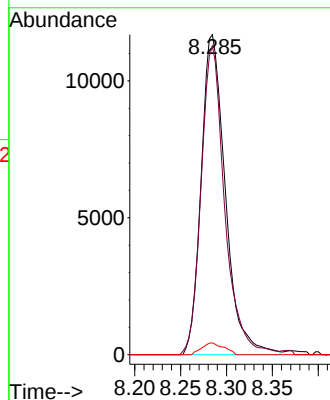
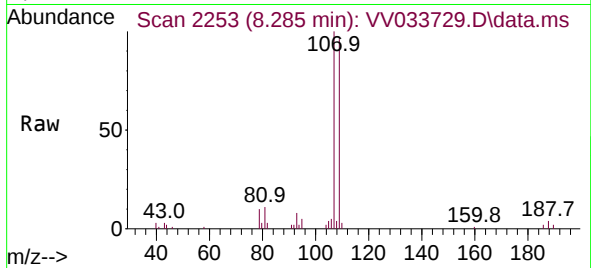




#50
1,2-Dibromoethane
Concen: 4.798 ug/L
RT: 8.285 min Scan# 21465
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

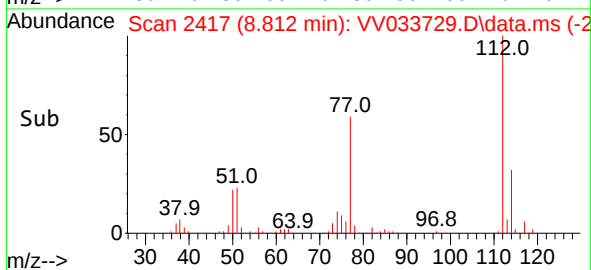
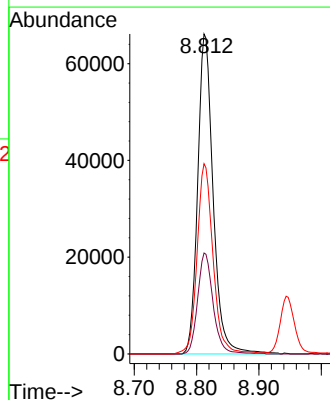
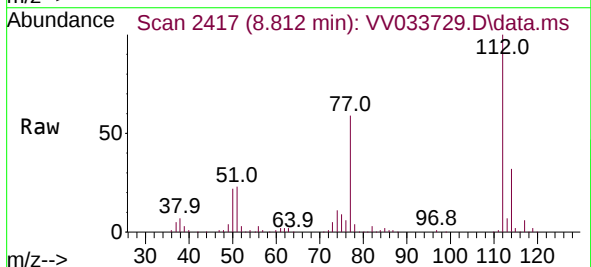
Instrument :
MSVOA_V
ClientSampleId :

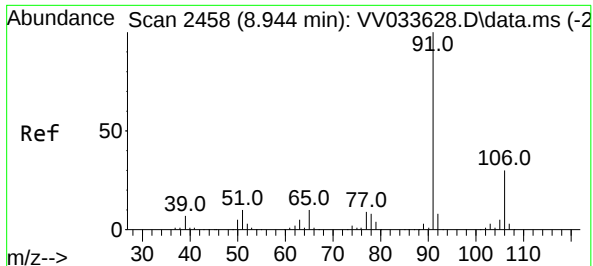
Tgt Ion:	107	Resp:	21465
Ion	Ratio	Lower	Upper
107	100		
109	96.5	64.0	118.8
188	3.7	3.0	4.6



#51
Chlorobenzene
Concen: 5.016 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:	112	Resp:	114182
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.9	42.5
77	59.5	50.8	76.2

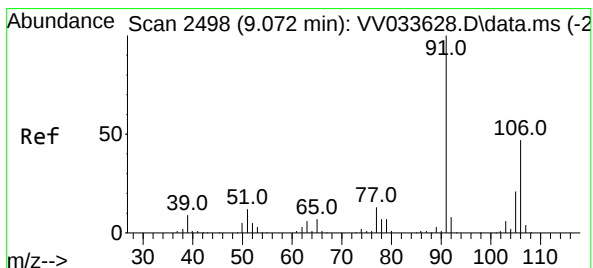
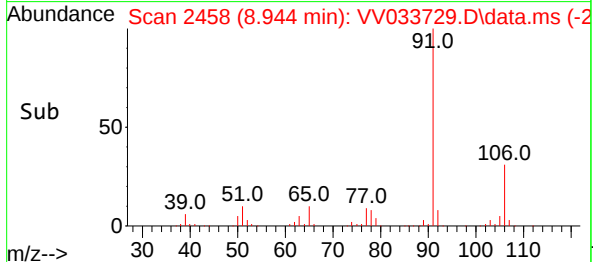
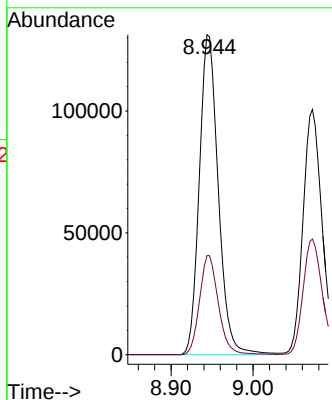
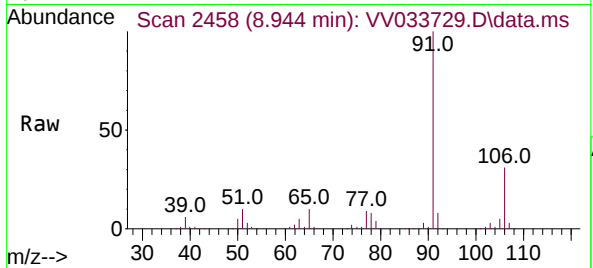




#52
Ethylbenzene
Concen: 4.897 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

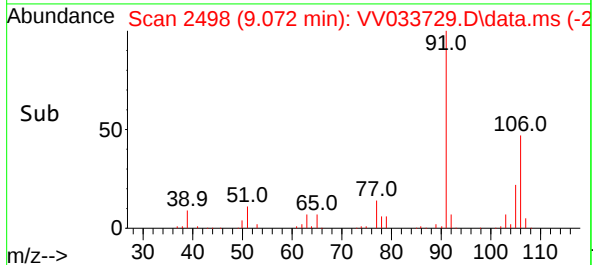
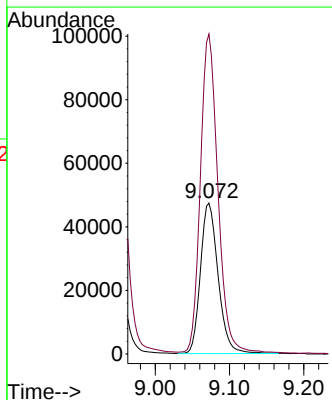
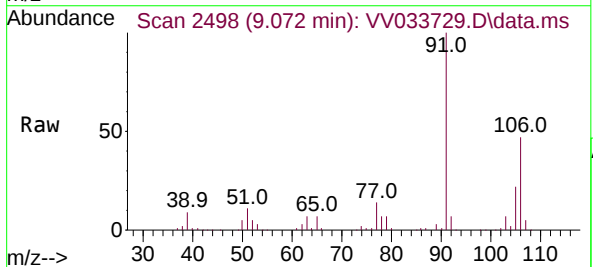
Instrument :
MSVOA_V
ClientSampleId :

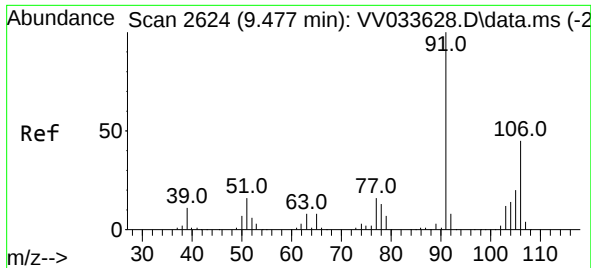
Tgt Ion: 91 Resp: 210923
Ion Ratio Lower Upper
91 100
106 30.9 20.6 38.4



#53
m,p-Xylene
Concen: 4.936 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 106 Resp: 78318
Ion Ratio Lower Upper
106 100
91 212.2 146.2 271.4

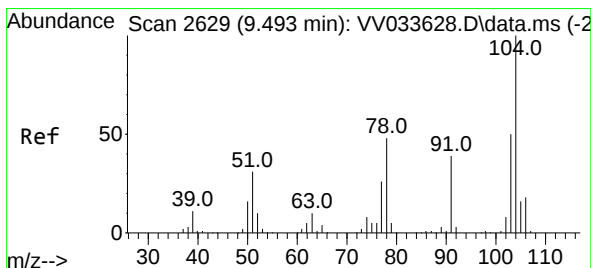
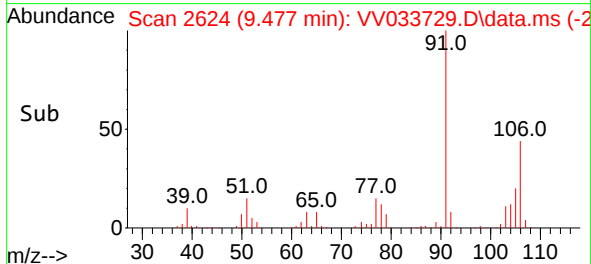
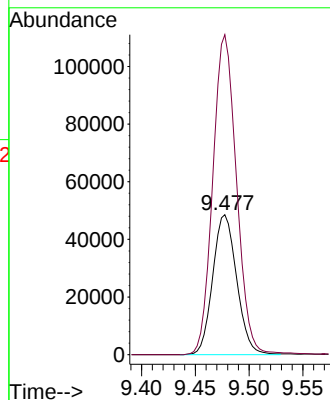
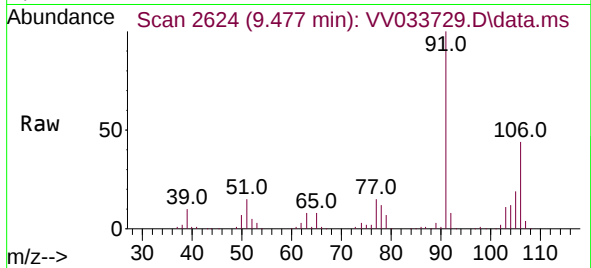




#54
o-Xylene
Concen: 4.875 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

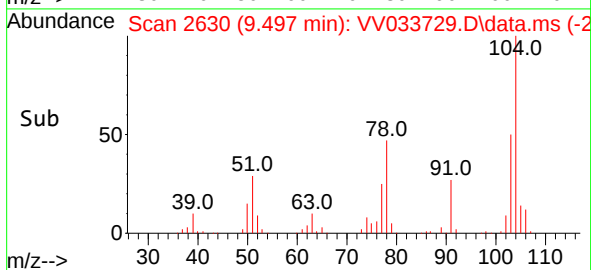
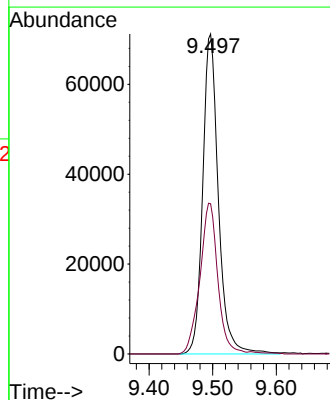
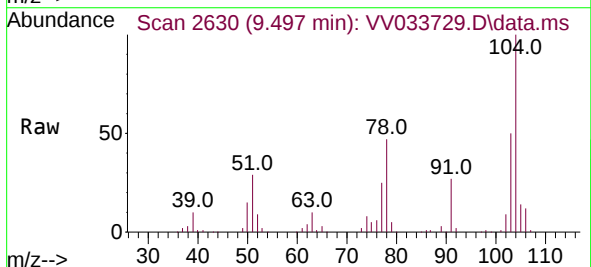
Instrument :
MSVOA_V
ClientSampleId :

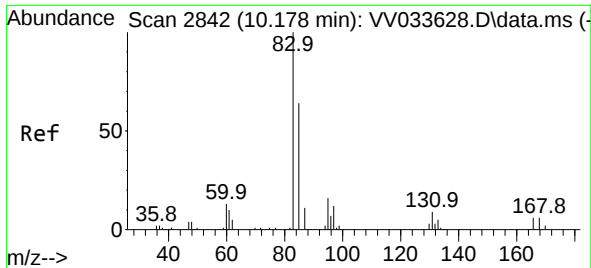
Tgt Ion:106 Resp: 75288
Ion Ratio Lower Upper
106 100
91 228.7 156.0 289.6



#55
Styrene
Concen: 4.944 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:104 Resp: 121680
Ion Ratio Lower Upper
104 100
78 46.9 33.1 61.5

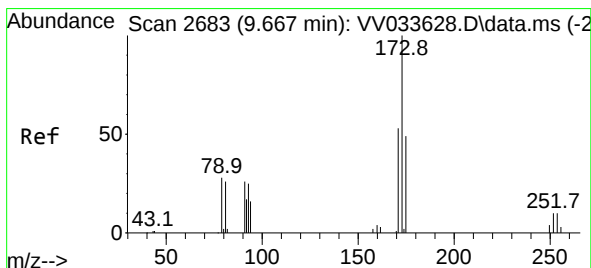
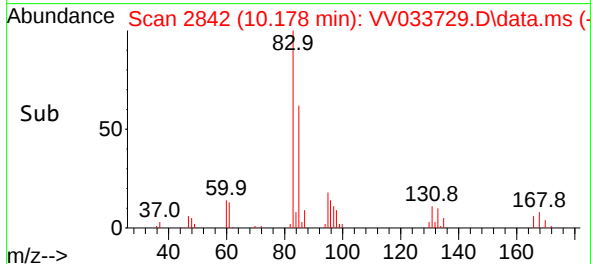
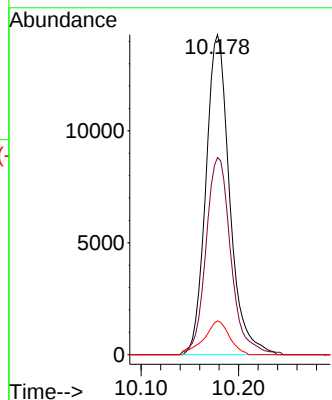
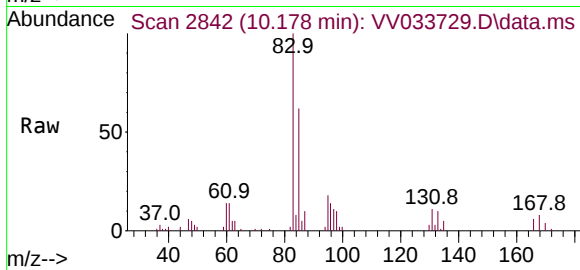




#57
1,1,2,2-Tetrachloroethane
Concen: 4.549 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

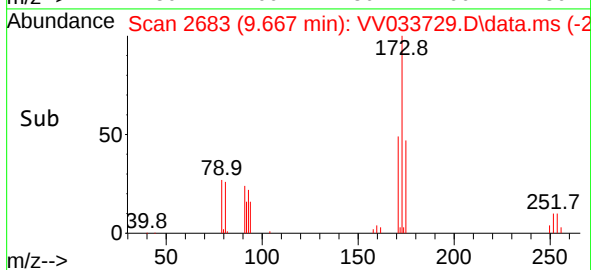
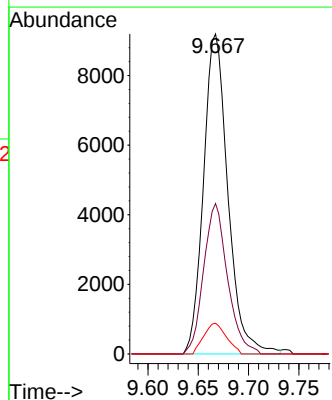
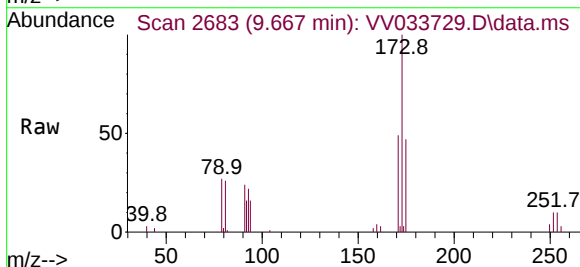
Instrument :
MSVOA_V
ClientSampleId :

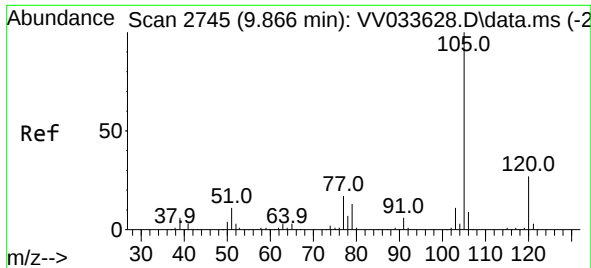
Tgt Ion: 83 Resp: 24198
Ion Ratio Lower Upper
83 100
85 61.6 43.5 80.7
131 10.6 7.4 11.0



#59
Bromoform
Concen: 5.168 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 173 Resp: 15509
Ion Ratio Lower Upper
173 100
175 46.1 38.8 58.2
254 8.8 7.5 11.3

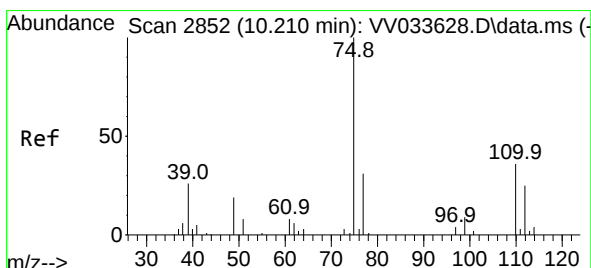
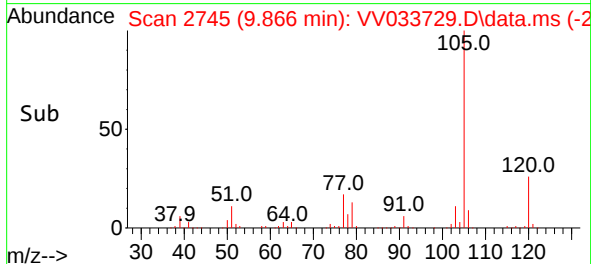
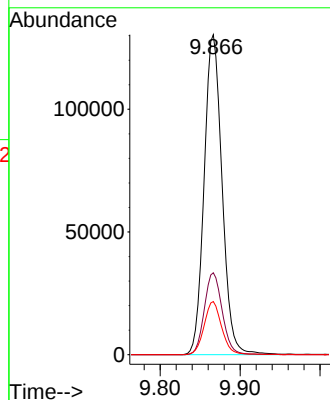
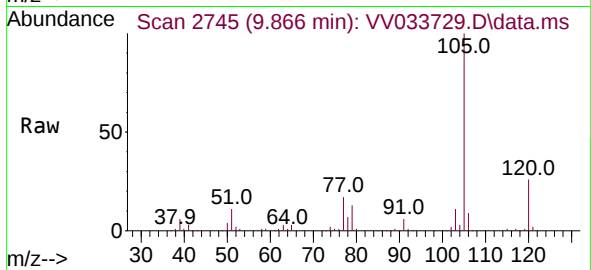




#60
Isopropylbenzene
Concen: 5.186 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

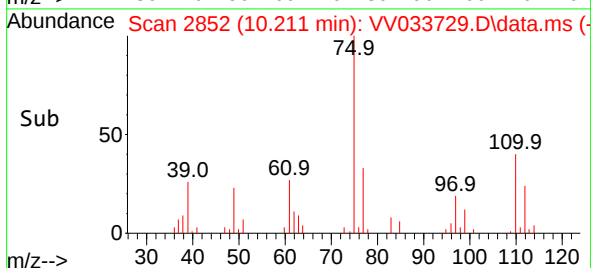
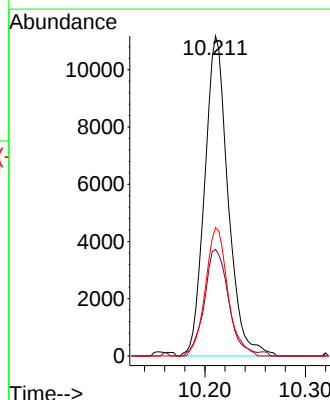
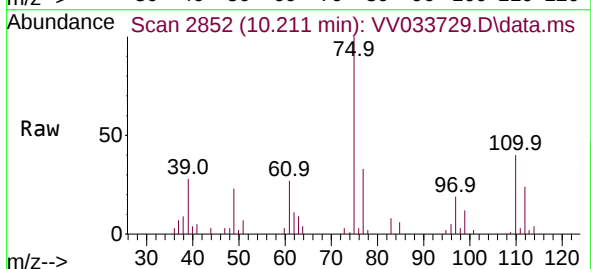
Instrument :
MSVOA_V
ClientSampleId :

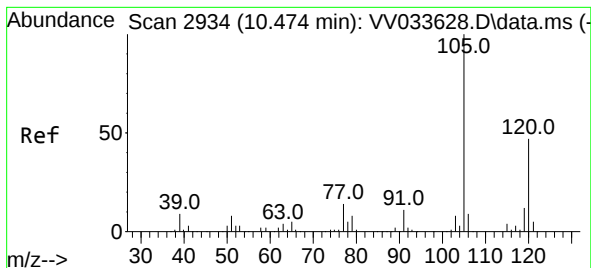
Tgt Ion:105 Resp: 204008
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.3 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.522 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion: 75 Resp: 18024
Ion Ratio Lower Upper
75 100
77 34.5 24.7 37.1
110 38.5 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.153 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

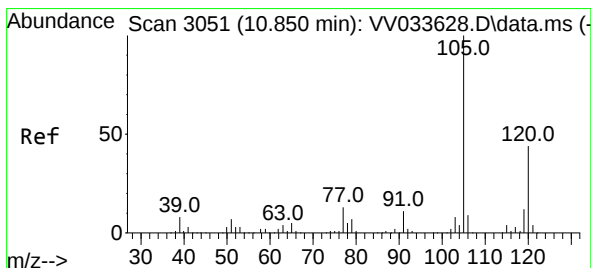
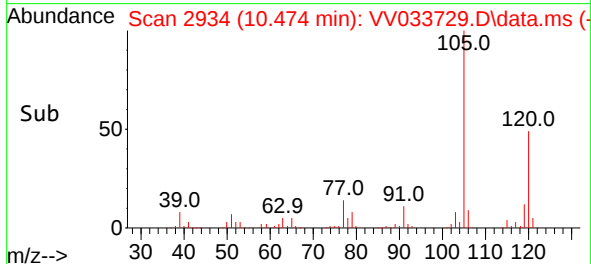
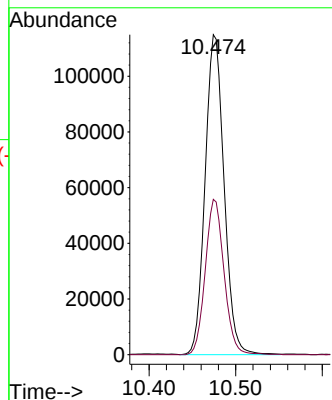
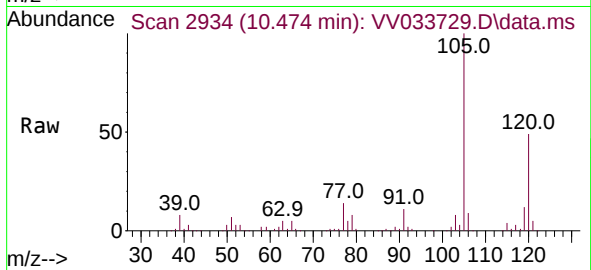
ClientSampleId :

Tgt Ion:105 Resp: 175135

Ion Ratio Lower Upper

105 100

120 48.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.108 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033729.D

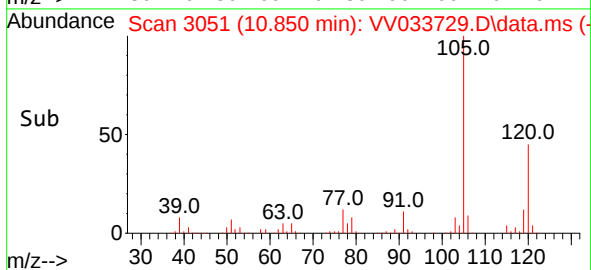
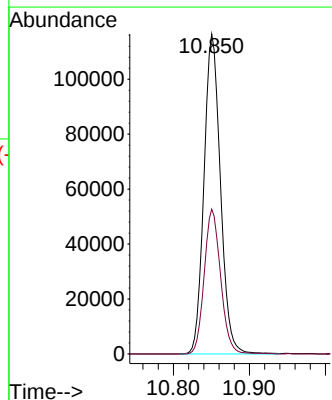
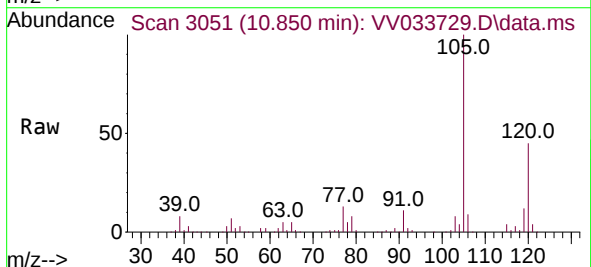
Acq: 18 Jan 2024 09:50

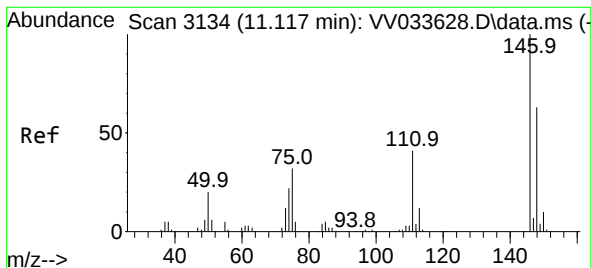
Tgt Ion:105 Resp: 175279

Ion Ratio Lower Upper

105 100

120 45.1 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 5.145 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

Instrument :

MSVOA_V

ClientSampleId :

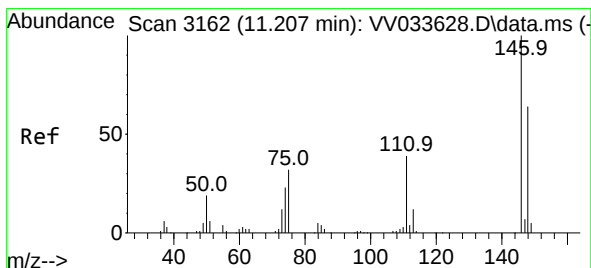
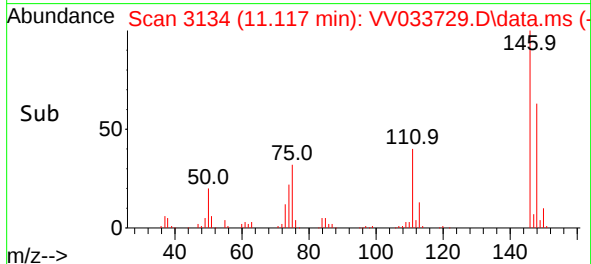
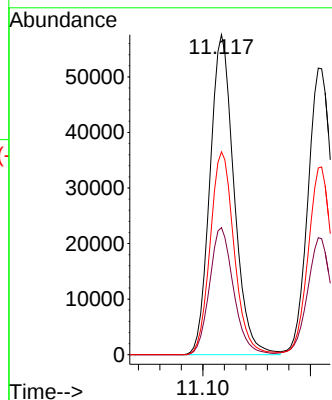
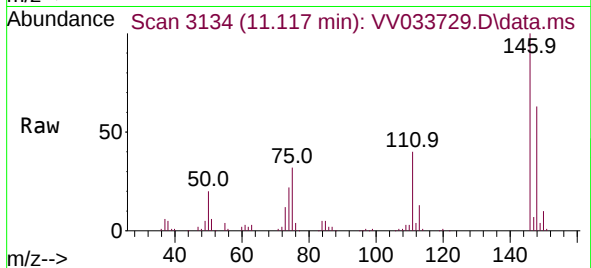
Tgt Ion:146 Resp: 89523

Ion Ratio Lower Upper

146 100

111 39.7 29.2 54.2

148 63.4 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 4.967 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV033729.D

Acq: 18 Jan 2024 09:50

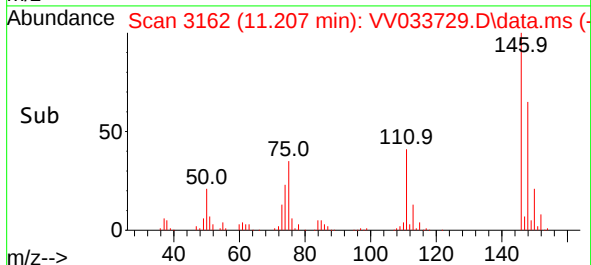
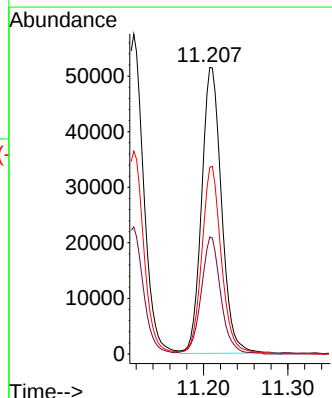
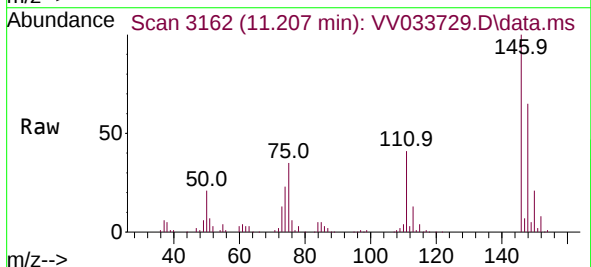
Tgt Ion:146 Resp: 84626

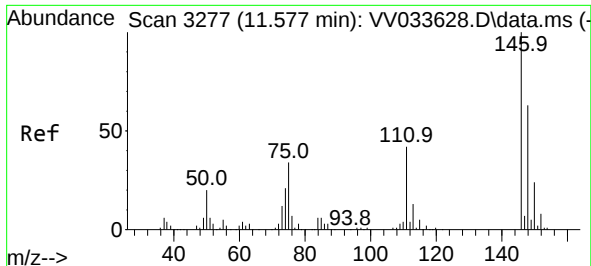
Ion Ratio Lower Upper

146 100

111 40.8 27.5 51.1

148 65.2 43.3 80.5

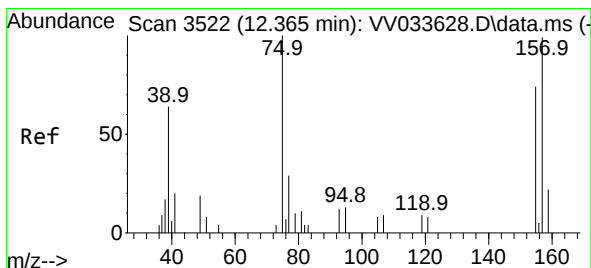
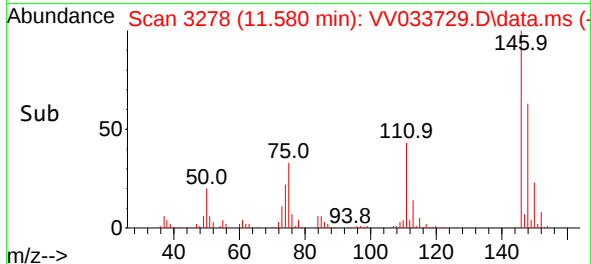
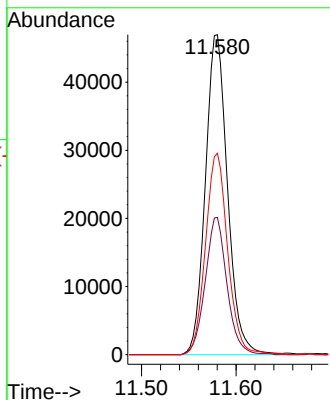
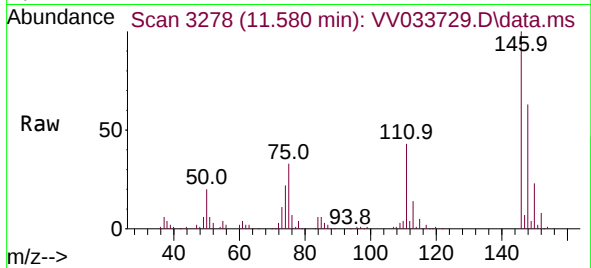




#67
 1,2-Dichlorobenzene
 Concen: 5.059 ug/L
 RT: 11.580 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

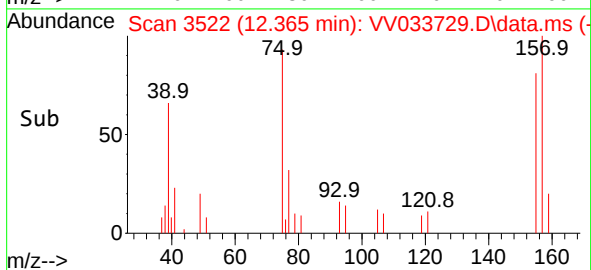
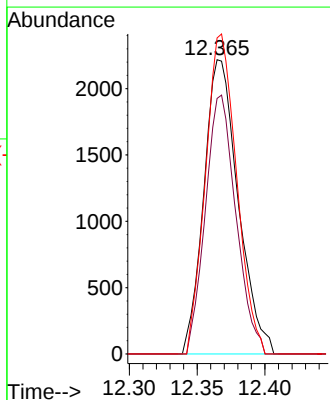
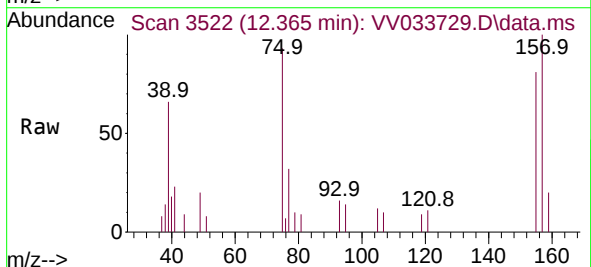
Instrument :
 MSVOA_V
 ClientSampleId :

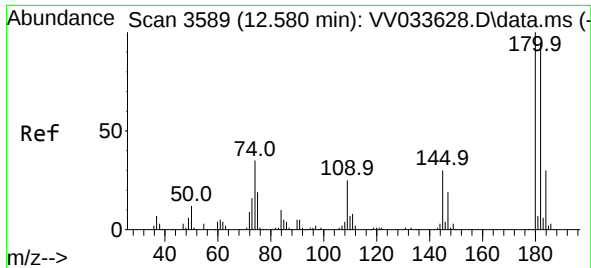
Tgt Ion:146 Resp: 76492
 Ion Ratio Lower Upper
 146 100
 111 42.9 36.1 54.1
 148 63.0 52.2 78.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.454 ug/L
 RT: 12.365 min Scan# 3522
 Delta R.T. -0.000 min
 Lab File: VV033729.D
 Acq: 18 Jan 2024 09:50

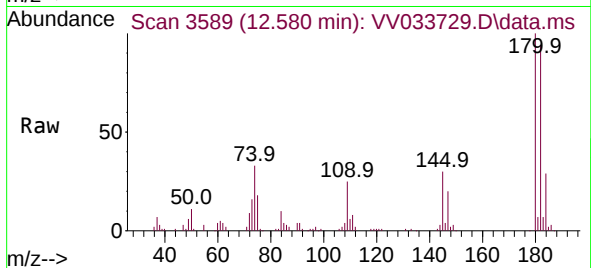
Tgt Ion: 75 Resp: 3902
 Ion Ratio Lower Upper
 75 100
 155 86.8 65.3 97.9
 157 107.4 75.4 113.0



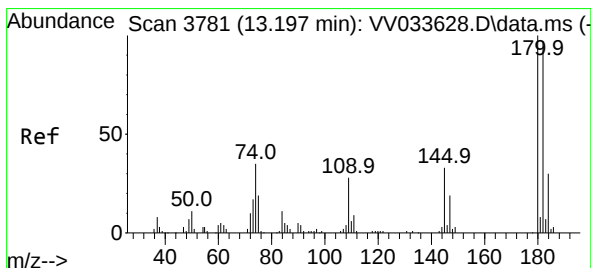
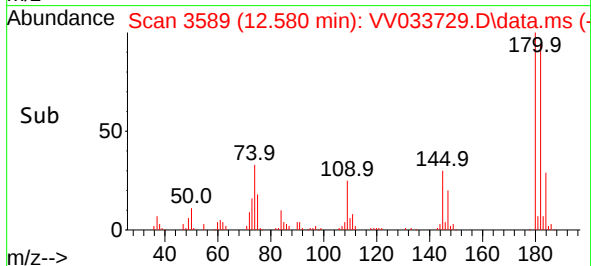
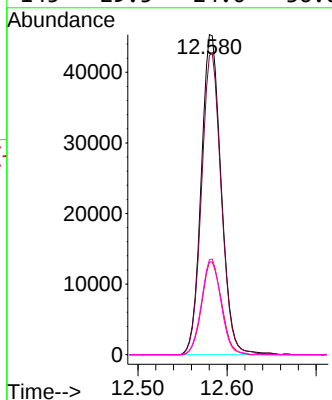


#69
1,3,5-Trichlorobenzene
Concen: 5.203 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

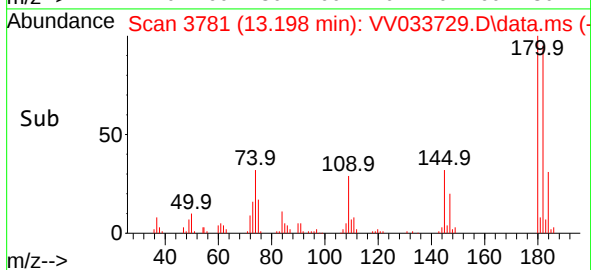
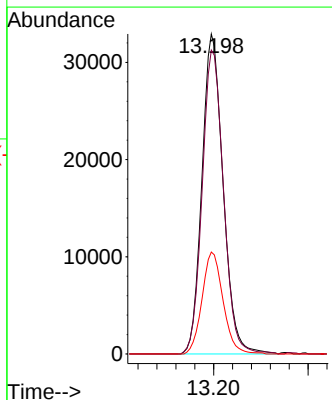
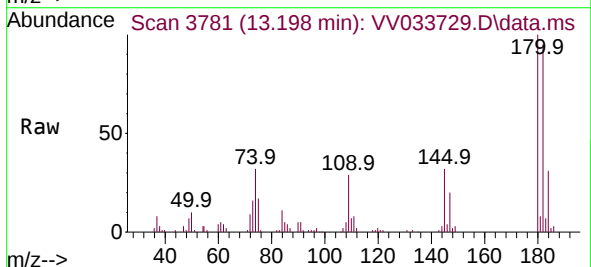


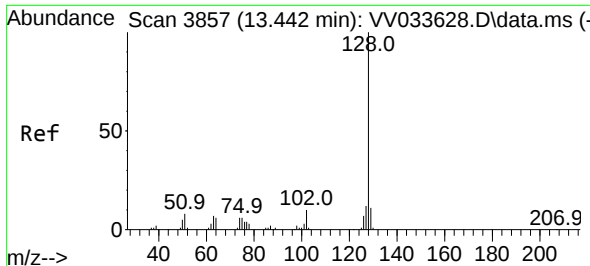
Tgt Ion:180 Resp: 70275
Ion Ratio Lower Upper
180 100
182 93.6 76.4 114.6
184 29.1 24.2 36.2
145 29.5 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 4.541 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:180 Resp: 51108
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
145 31.6 24.8 37.2

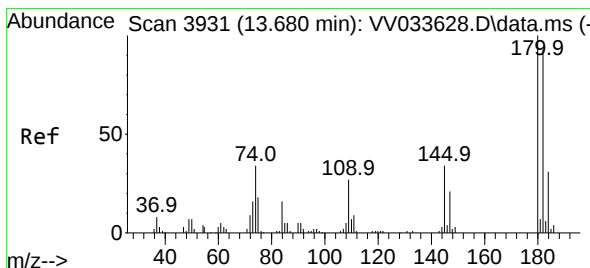
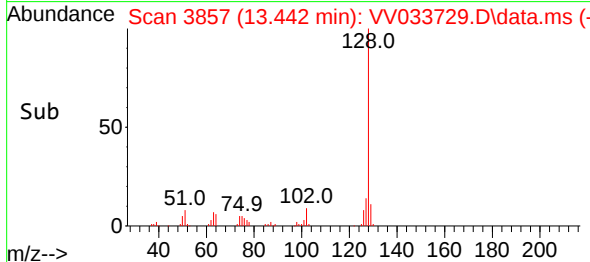
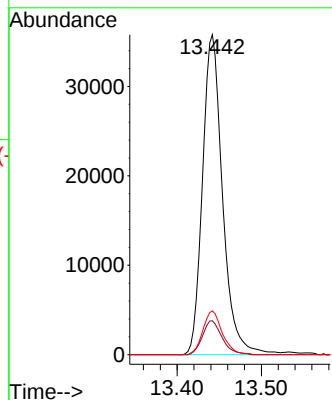
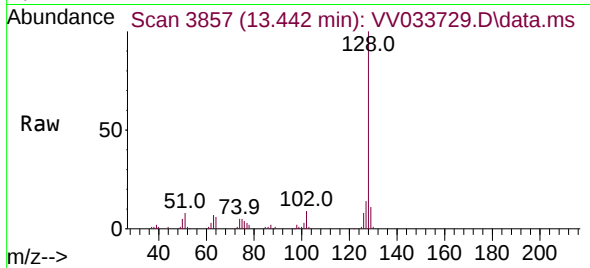




#71
Naphthalene
Concen: 3.160 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 59346
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.452 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033729.D
Acq: 18 Jan 2024 09:50

Tgt Ion:180 Resp: 40180
Ion Ratio Lower Upper
180 100
182 94.1 75.0 112.6
145 32.8 26.6 40.0

