

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031829.D
 Acq On : 17 Aug 2023 13:43
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 02:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	213043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	216598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	121742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66089	5.214	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.200%		
7) Chloroethane-d5	1.532	69	70083	5.274	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.060	65	31973	4.368	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.400%		
20) 2-Butanone-d5	3.815	46	236923	54.297	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.600%		
24) Chloroform-d	4.249	84	173887	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
26) 1,2-Dichloroethane-d4	4.950	65	87528	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.400%		
32) Benzene-d6	4.966	84	305876	5.175	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.600%		
36) 1,2-Dichloropropane-d6	5.995	67	94928	4.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.400%		
41) Toluene-d8	7.246	98	310350	5.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.400%		
43) trans-1,3-Dichloroprop...	7.561	79	37809	5.870	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 117.400%		
46) 2-Hexanone-d5	8.034	63	179894	58.588	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.180%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	81645	5.611	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.200%		
66) 1,2-Dichlorobenzene-d4	11.567	152	117123	5.455	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	98871	5.112	ug/L	98
3) Chloromethane	1.217	50	98696	5.299	ug/L	99
5) Vinyl chloride	1.282	62	99323	5.390	ug/L	94
6) Bromomethane	1.487	94	62748	5.193	ug/L	89
8) Chloroethane	1.548	64	55609	4.815	ug/L	98
9) Trichlorofluoromethane	1.712	101	148214	5.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78475	4.795	ug/L	94
12) 1,1-Dichloroethene	2.069	96	68178	4.820	ug/L	78
13) Acetone	2.146	43	138703	55.396	ug/L	98
14) Carbon disulfide	2.240	76	203012	5.191	ug/L	100
15) Methyl Acetate	2.391	43	34954	5.276	ug/L	98
16) Methylene chloride	2.449	84	78483	4.146	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	162739	5.590	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	70172	5.296	ug/L	93
19) 1,1-Dichloroethane	3.117	63	145749	5.210	ug/L	98
21) 2-Butanone	3.896	43	187348	55.083	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	70236	5.196	ug/L	93
23) Bromochloromethane	4.156	128	35084	5.093	ug/L	94
25) Chloroform	4.281	83	140330	4.712	ug/L	94

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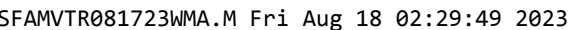
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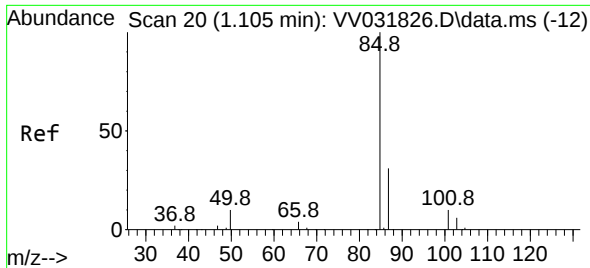
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	89067	5.053	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	132774	5.420	ug/L	96
30) Cyclohexane	4.587	56	92381	5.482	ug/L	99
31) Carbon tetrachloride	4.738	117	115797	5.341	ug/L	96
33) Benzene	5.015	78	281520	5.463	ug/L	100
34) Trichloroethene	5.838	95	73660	5.009	ug/L	97
35) Methylcyclohexane	6.056	83	88612	5.334	ug/L	98
37) 1,2-Dichloropropane	6.101	63	68610	4.652	ug/L	98
38) Bromodichloromethane	6.439	83	102189	5.285	ug/L #	98
39) cis-1,3-Dichloropropene	6.960	75	99703	5.668	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	458059	59.417	ug/L	100
42) Toluene	7.320	91	294961	5.770	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	87165	5.544	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	59076	5.290	ug/L	95
47) Tetrachloroethene	7.912	164	59994	5.549	ug/L	93
48) 2-Hexanone	8.082	43	356541	58.608	ug/L	97
49) Dibromochloromethane	8.182	129	64841	5.142	ug/L	94
50) 1,2-Dibromoethane	8.288	107	52355	5.092	ug/L	92
51) Chlorobenzene	8.818	112	192951	5.518	ug/L	95
52) Ethylbenzene	8.953	91	290805	5.649	ug/L	99
53) m,p-Xylene	9.079	106	103419	5.613	ug/L	95
54) o-Xylene	9.484	106	100882	5.753	ug/L	92
55) Styrene	9.500	104	181790	5.683	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	57565	5.176	ug/L	97
59) Bromoform	9.670	173	36803	5.152	ug/L	98
60) Isopropylbenzene	9.873	105	278484	5.658	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	47664	4.739	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	217970	5.453	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	220386	5.501	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	152663	5.343	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	159902	5.528	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	148416	5.455	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	10911	5.792	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	119643	5.857	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	92916	5.405	ug/L	98
71) Naphthalene	13.445	128	154770	6.155	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	90481	5.824	ug/L	98

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

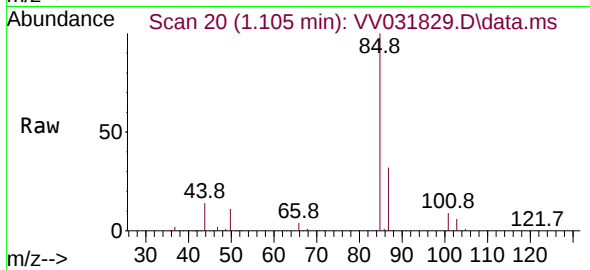
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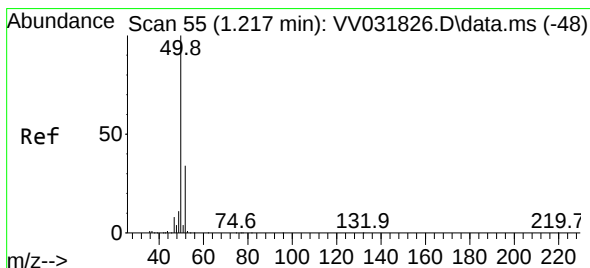
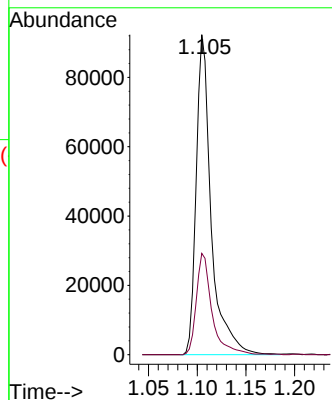
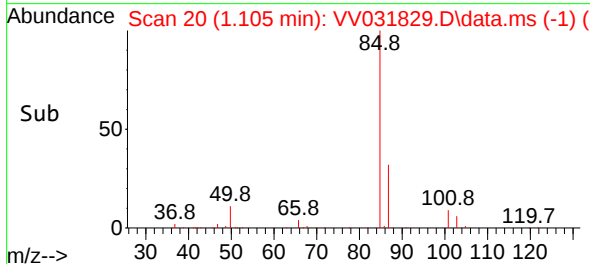


#2
 Dichlorodifluoromethane
 Concen: 5.112 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV031829.D
 Acq: 17 Aug 2023 13:43

Instrument :
 MSVOA_V
 ClientSampleId :

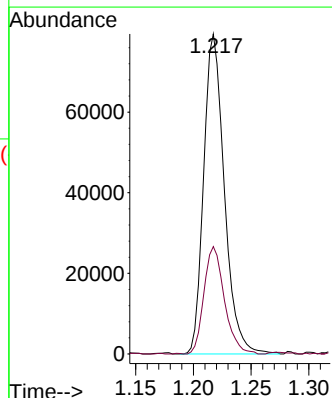
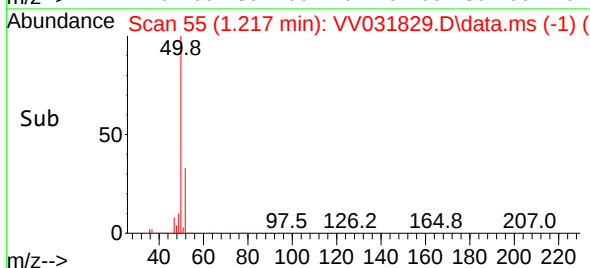
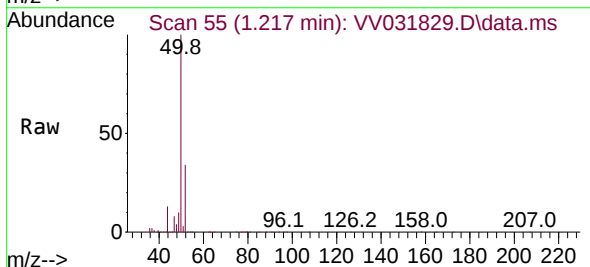


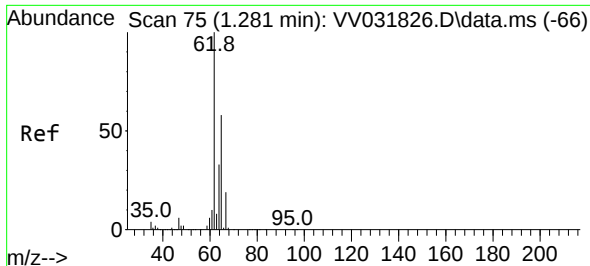
Tgt Ion: 85 Resp: 98871
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.5 38.3



#3
 Chloromethane
 Concen: 5.299 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031829.D
 Acq: 17 Aug 2023 13:43

Tgt Ion: 50 Resp: 98696
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.8 44.2

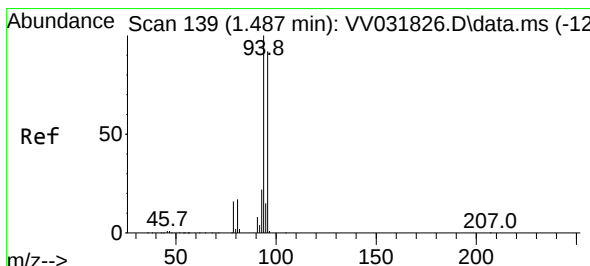
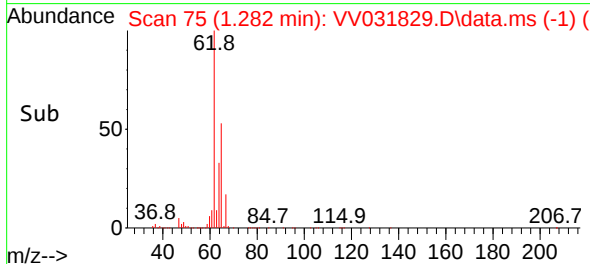
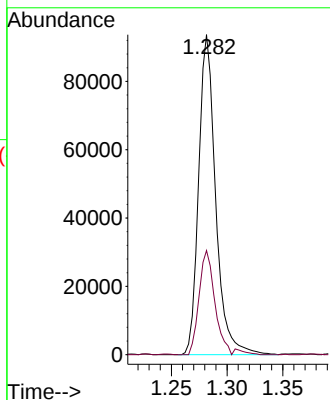
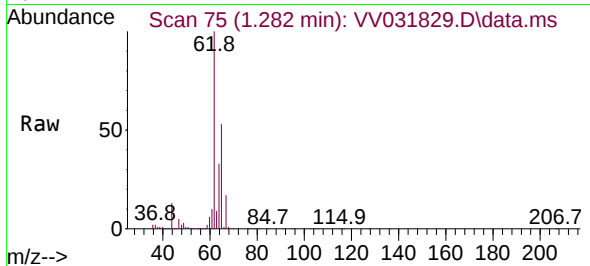




#5
 Vinyl chloride
 Concen: 5.390 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031829.D
 Acq: 17 Aug 2023 13:43

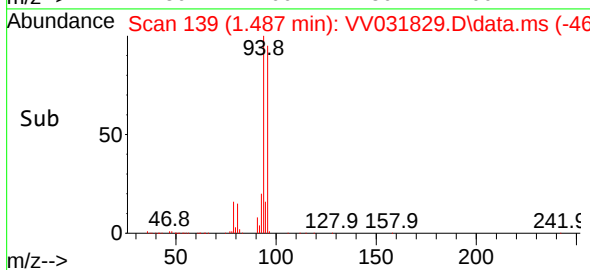
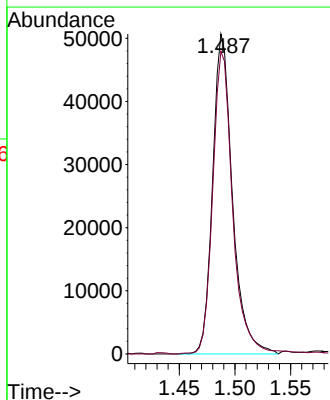
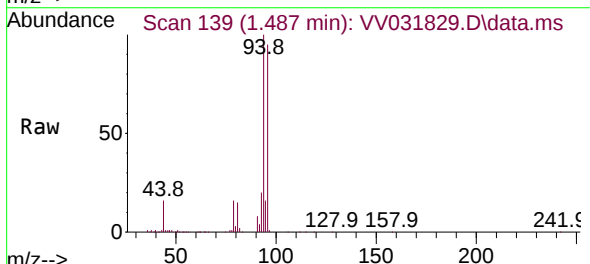
Instrument :
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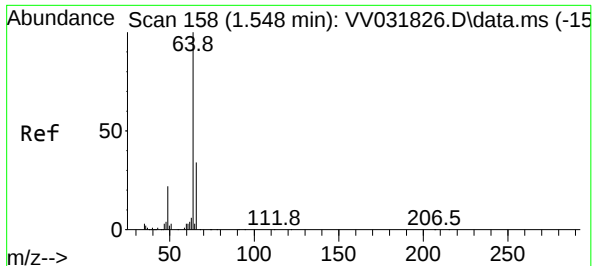
Tgt Ion: 62 Resp: 99323
 Ion Ratio Lower Upper
 62 100
 64 85.2 63.5 117.9



#6
 Bromomethane
 Concen: 5.193 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV031829.D
 Acq: 17 Aug 2023 13:43

Tgt Ion: 94 Resp: 62748
 Ion Ratio Lower Upper
 94 100
 96 82.7 65.3 121.3

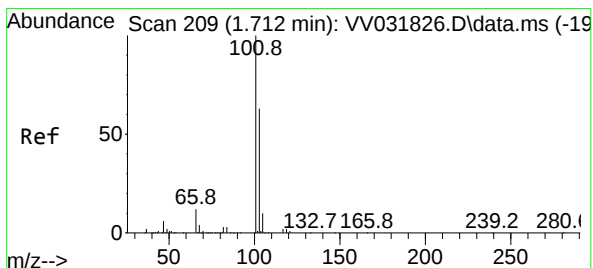
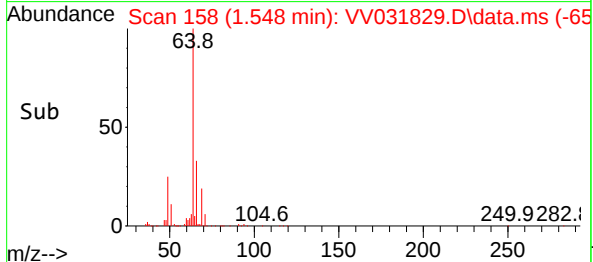
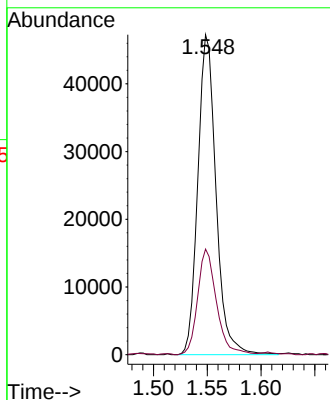
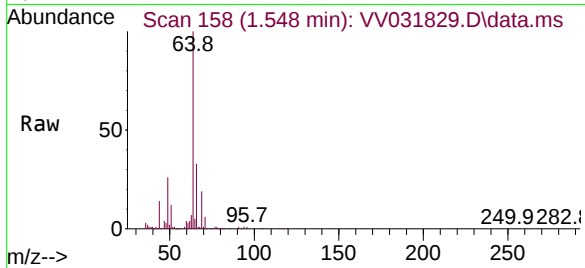




#8
Chloroethane
Concen: 4.815 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

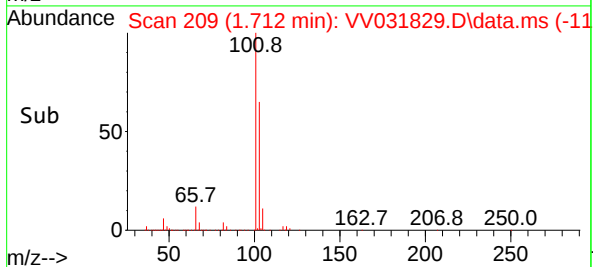
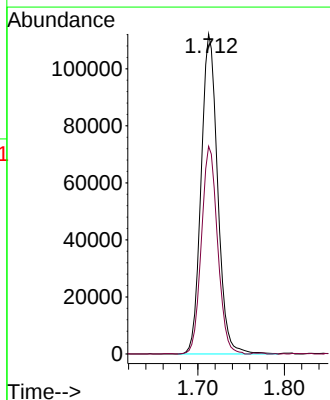
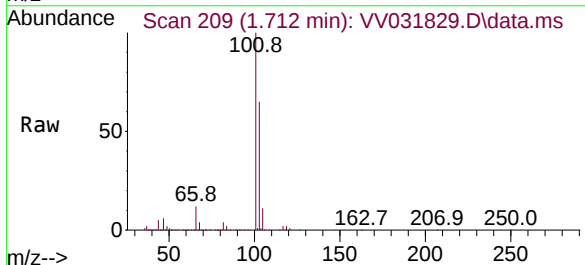
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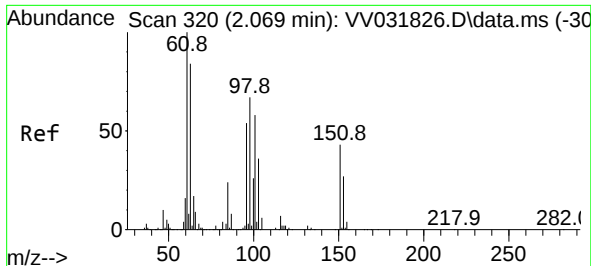
Tgt Ion: 64 Resp: 55609
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.097 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion: 101 Resp: 148214
Ion Ratio Lower Upper
101 100
103 63.6 52.1 78.1





#10

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

Concen: 4.795 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

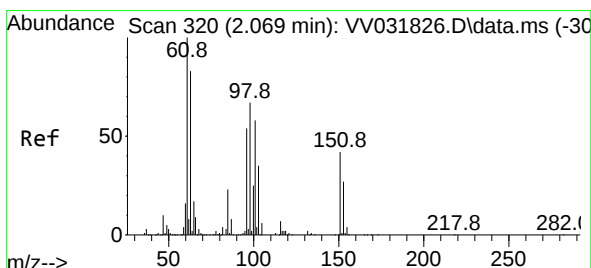
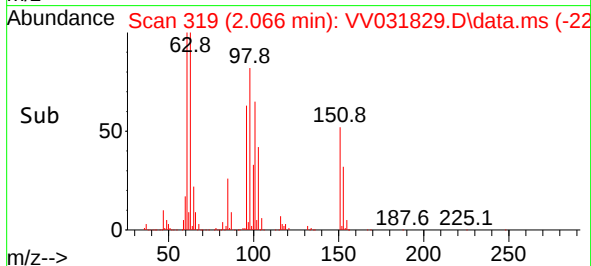
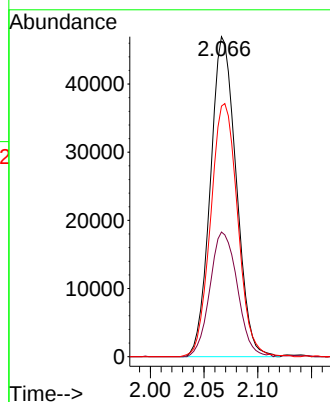
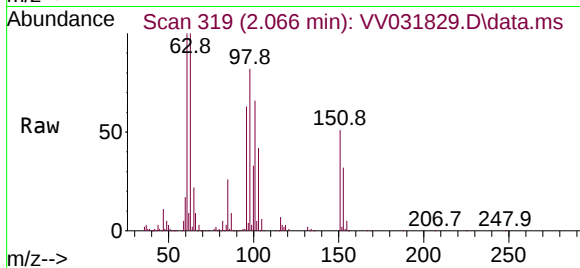
Tgt Ion:101 Resp: 78475

Ion Ratio Lower Upper

101 100

85 41.3 33.3 49.9

151 82.7 60.2 90.4



#12

1,1-Dichloroethene

Concen: 4.820 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

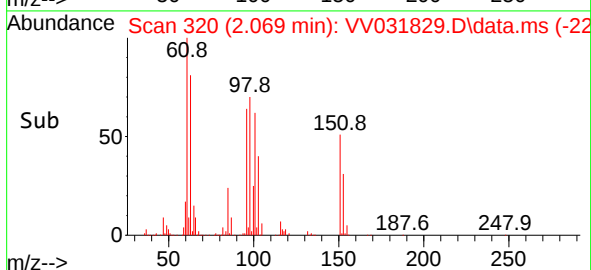
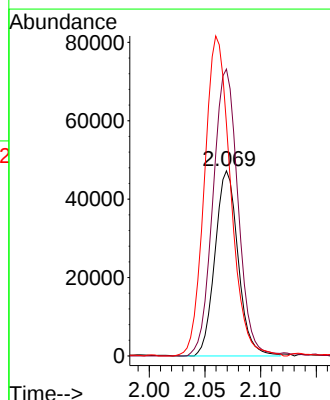
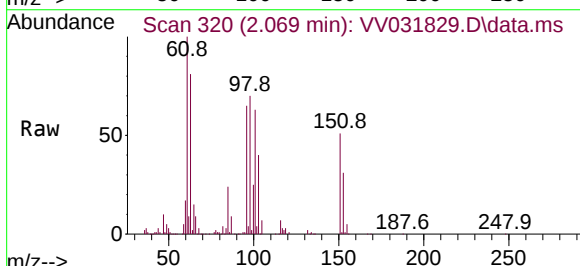
Tgt Ion: 96 Resp: 68178

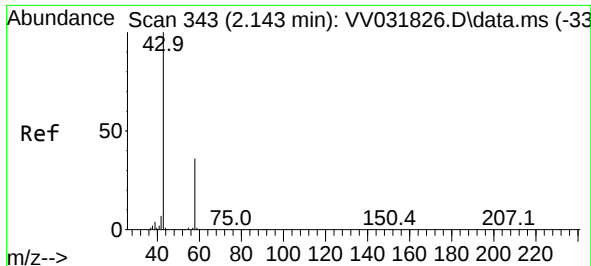
Ion Ratio Lower Upper

96 100

61 154.9 129.0 239.6

63 125.4 108.7 201.9





#13

Acetone

Concen: 55.396 ug/L

RT: 2.146 min Scan# 343

Delta R.T. 0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

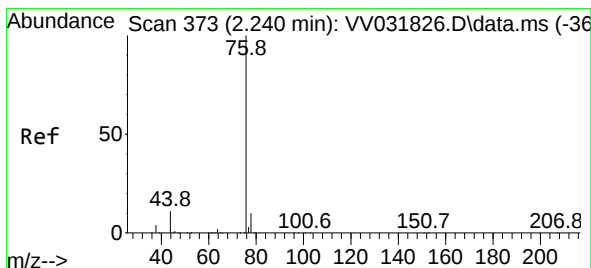
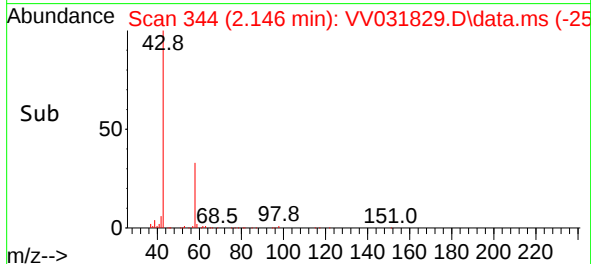
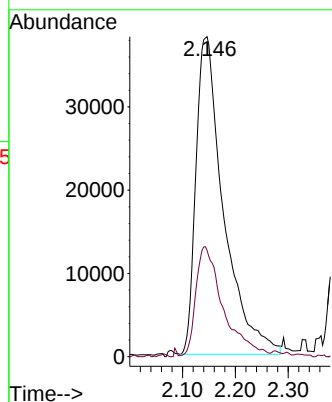
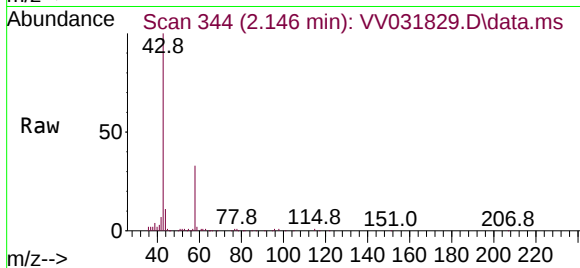
ClientSampleId :

Tgt Ion: 43 Resp: 138703

Ion Ratio Lower Upper

43 100

58 33.6 0.0 69.0



#14

Carbon disulfide

Concen: 5.191 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV031829.D

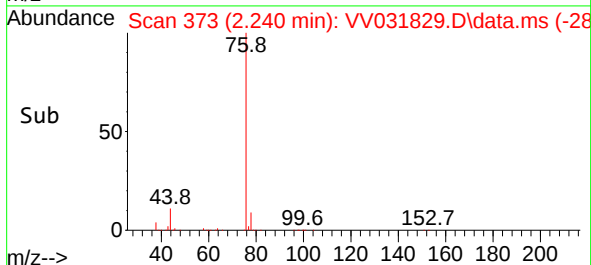
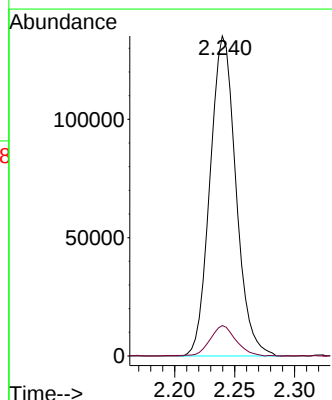
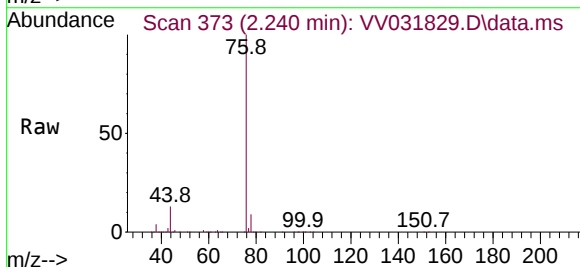
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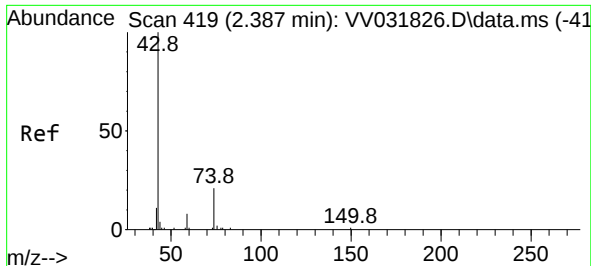
Tgt Ion: 76 Resp: 203012

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

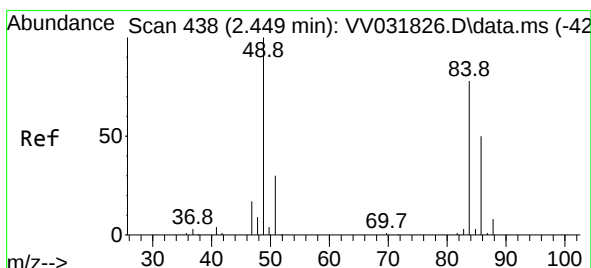
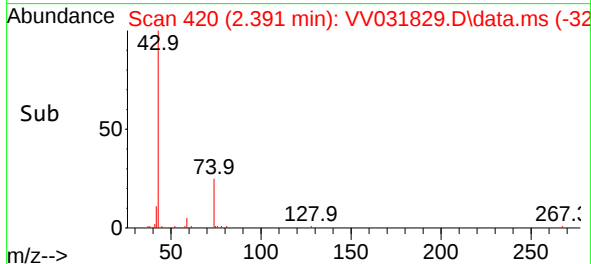
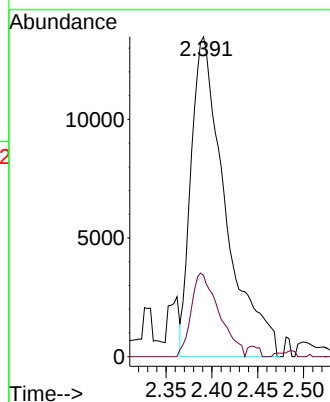
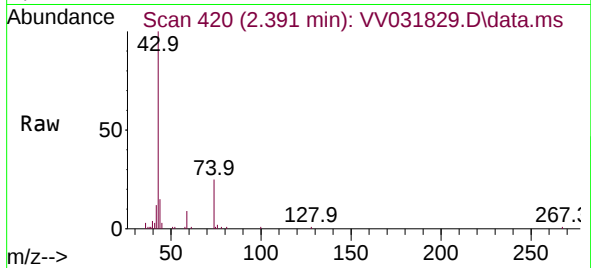




#15
Methyl Acetate
Concen: 5.276 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

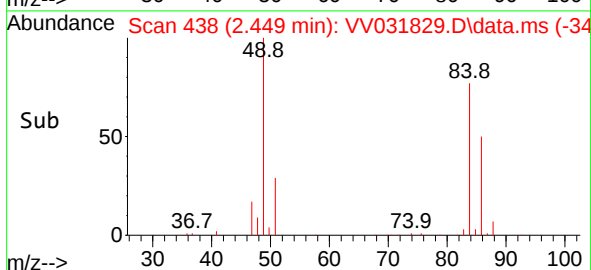
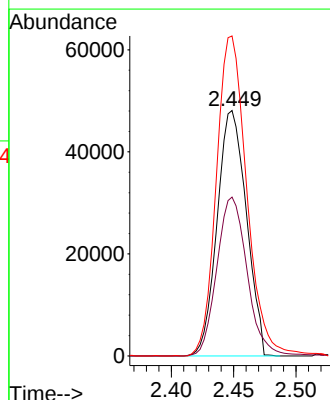
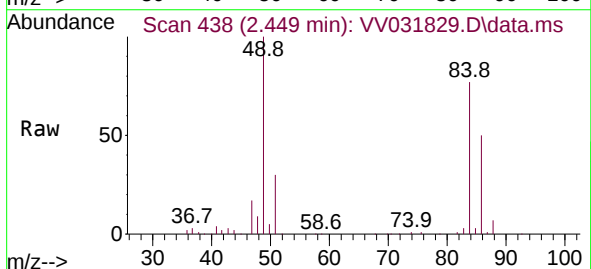
Instrument :
MSVOA_V
ClientSampleId :

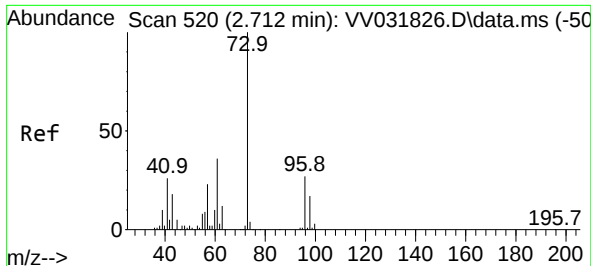
Tgt Ion: 43 Resp: 34954
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.2



#16
Methylene chloride
Concen: 4.146 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion: 84 Resp: 78483
Ion Ratio Lower Upper
84 100
86 64.7 44.5 82.7
49 136.7 93.0 172.6





#17

Methyl tert-butyl Ether

Concen: 5.590 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

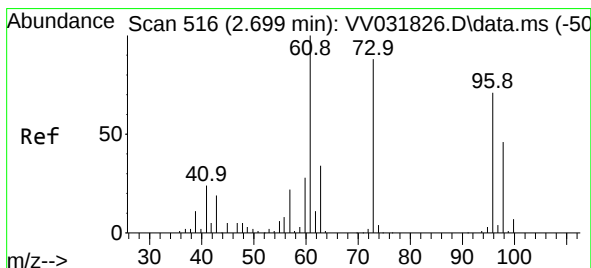
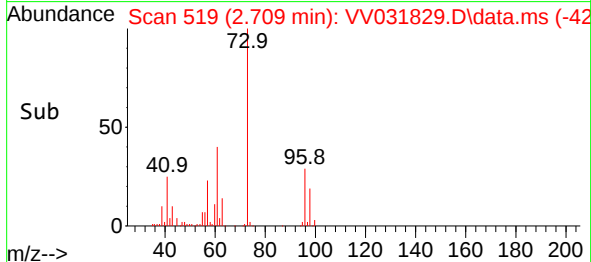
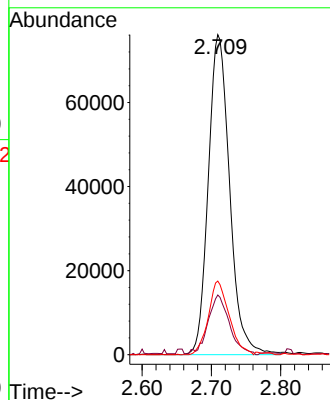
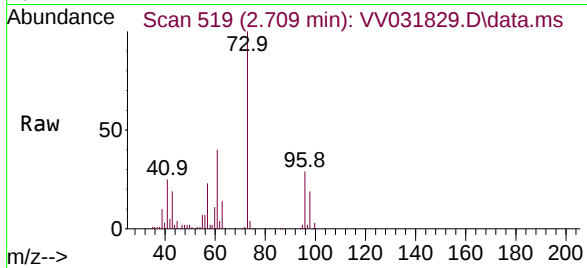
Tgt Ion: 73 Resp: 162739

Ion Ratio Lower Upper

73 100

43 18.8 16.9 25.3

57 22.4 19.7 29.5



#18

trans-1,2-Dichloroethene

Concen: 5.296 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

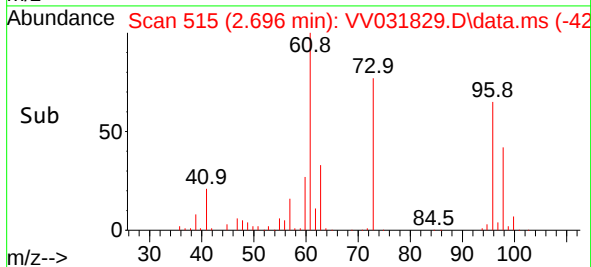
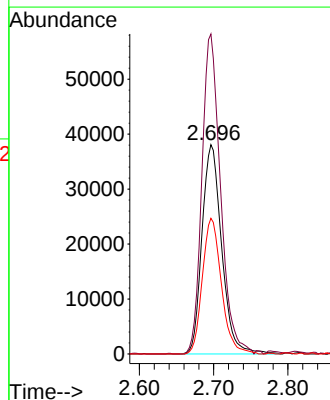
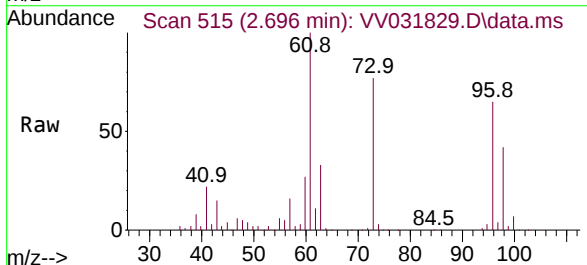
Tgt Ion: 96 Resp: 70172

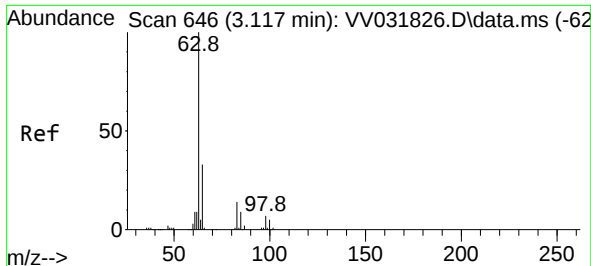
Ion Ratio Lower Upper

96 100

61 152.9 98.8 183.4

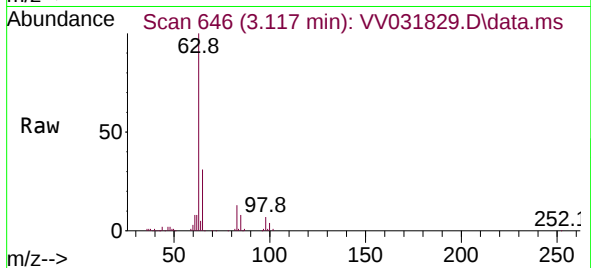
98 64.8 45.8 85.2



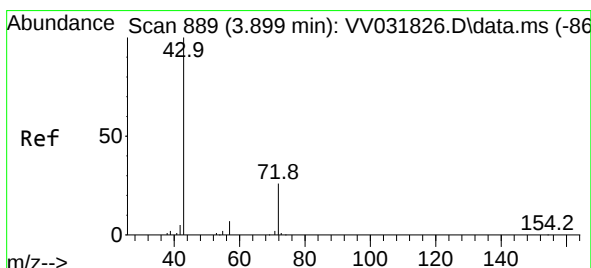
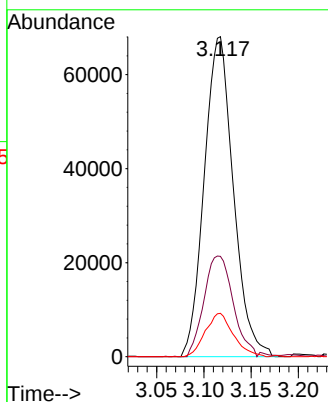
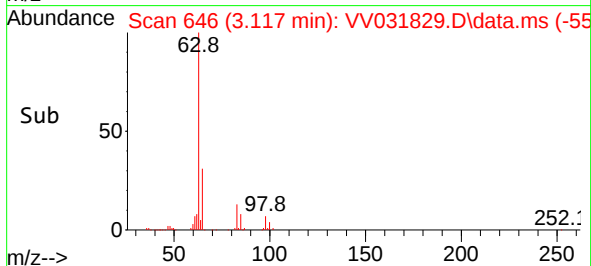


#19
1,1-Dichloroethane
Concen: 5.210 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :

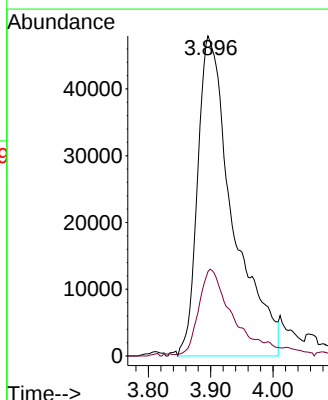
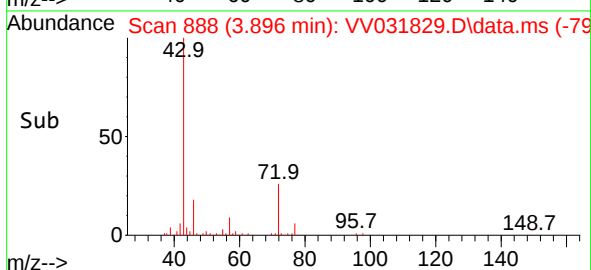
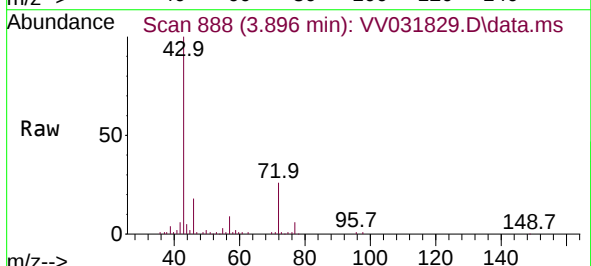


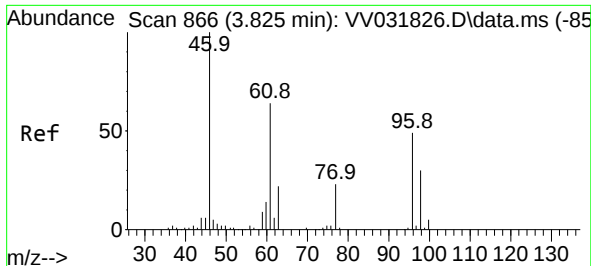
Tgt Ion:	63	Resp:	145749
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.3	41.5
83	12.9	9.4	17.6



#21
2-Butanone
Concen: 55.083 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion:	43	Resp:	187348
Ion	Ratio	Lower	Upper
43	100		
72	24.5	13.5	40.4





#22

cis-1,2-Dichloroethene

Concen: 5.196 ug/L

RT: 3.818 min Scan# 80

Delta R.T. -0.006 min

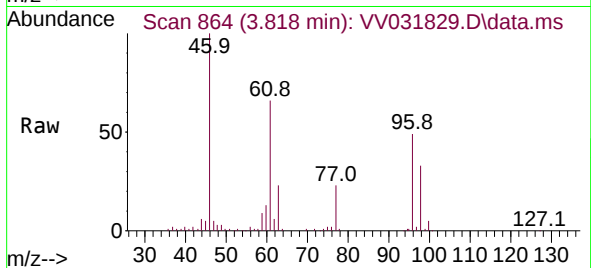
Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :



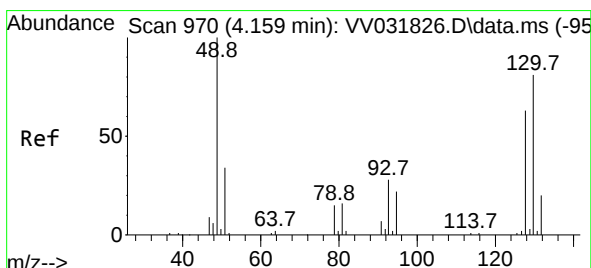
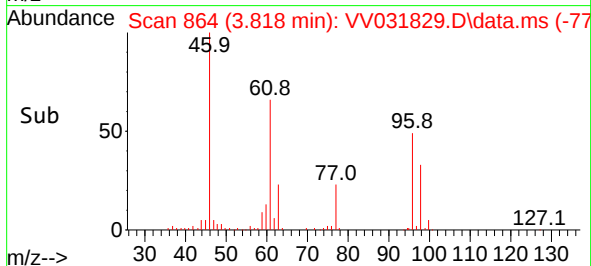
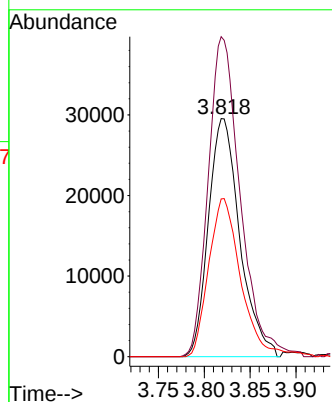
Tgt Ion: 96 Resp: 70236

Ion Ratio Lower Upper

96 100

61 134.4 88.8 165.0

98 66.3 42.1 78.3



#23

Bromochloromethane

Concen: 5.093 ug/L

RT: 4.156 min Scan# 969

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Tgt Ion:128 Resp: 35084

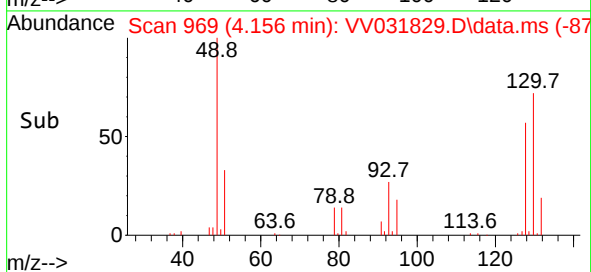
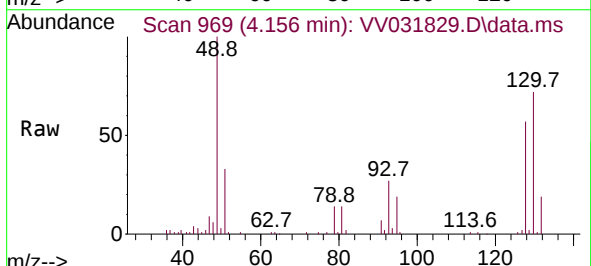
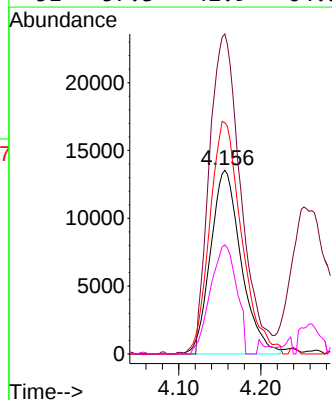
Ion Ratio Lower Upper

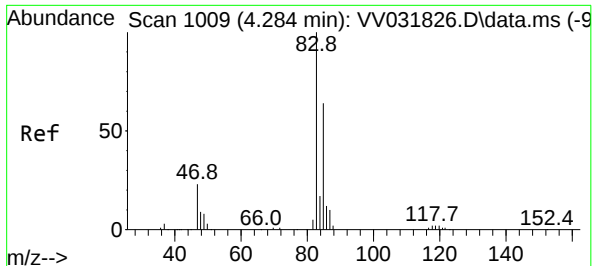
128 100

49 173.3 115.7 214.9

130 121.6 90.7 168.5

51 57.3 42.9 64.3





#25

Chloroform

Concen: 4.712 ug/L

RT: 4.281 min Scan# 1009

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

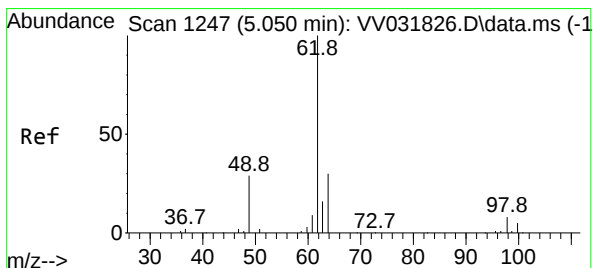
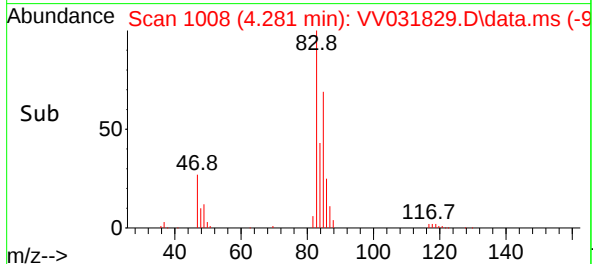
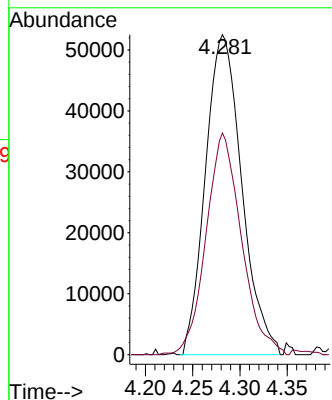
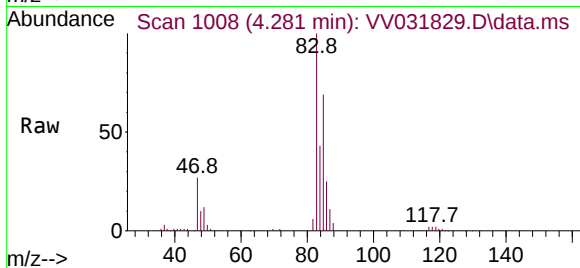
ClientSampleId :

Tgt Ion: 83 Resp: 140330

Ion Ratio Lower Upper

83 100

85 69.3 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.053 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV031829.D

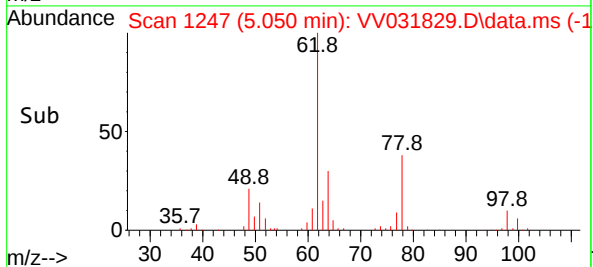
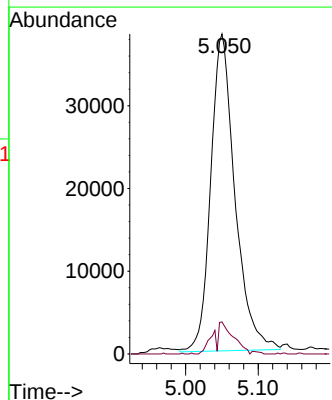
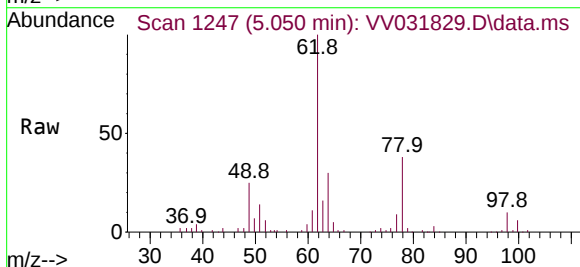
Acq: 17 Aug 2023 13:43

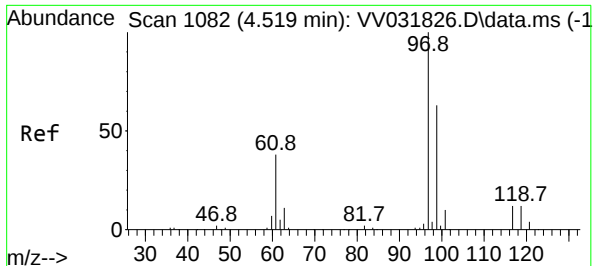
Tgt Ion: 62 Resp: 89067

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.420 ug/L

RT: 4.513 min Scan# 1082

Delta R.T. -0.006 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

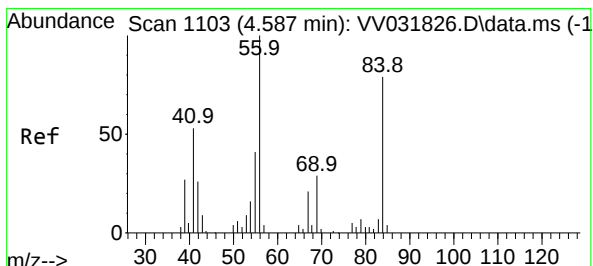
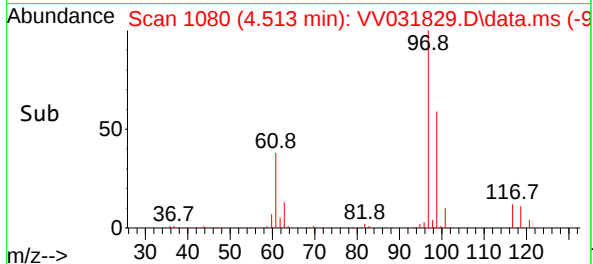
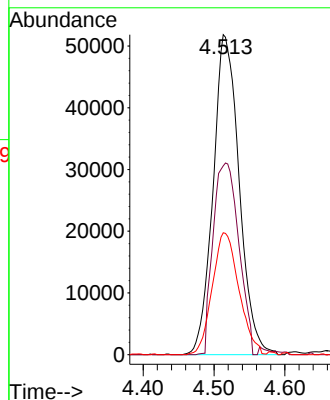
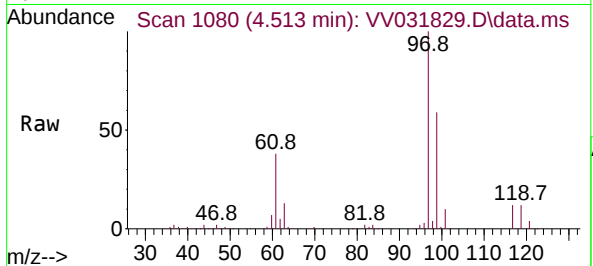
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 132774

Ion	Ratio	Lower	Upper
97	100		
99	58.9	50.4	75.6
61	38.9	30.6	46.0



#30

Cyclohexane

Concen: 5.482 ug/L

RT: 4.587 min Scan# 1103

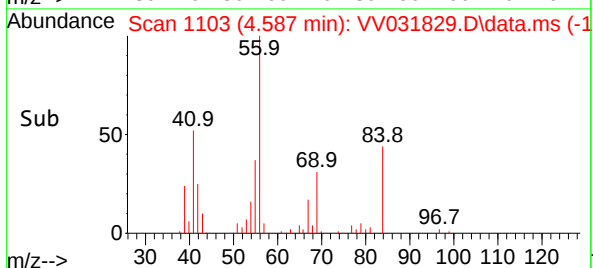
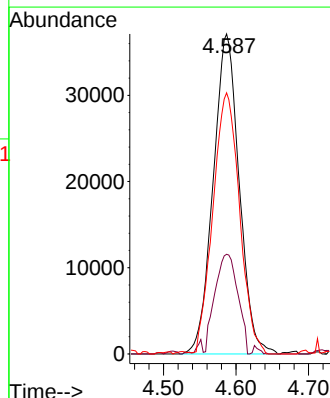
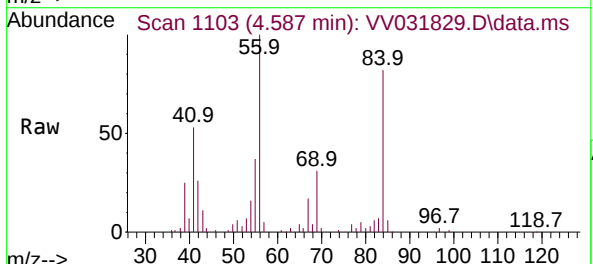
Delta R.T. 0.000 min

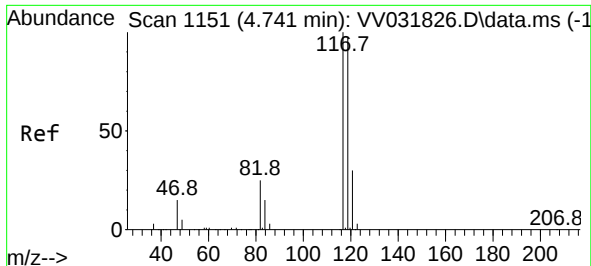
Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Tgt Ion: 56 Resp: 92381

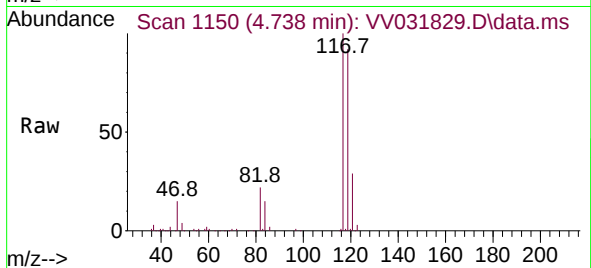
Ion	Ratio	Lower	Upper
56	100		
69	27.6	21.9	32.9
84	83.6	66.2	99.2



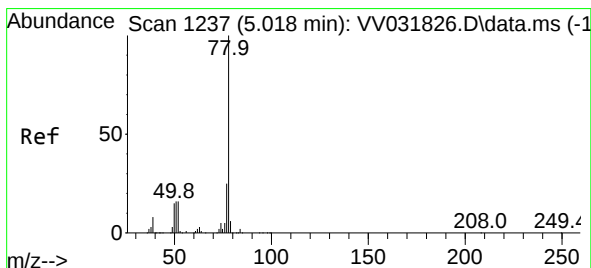
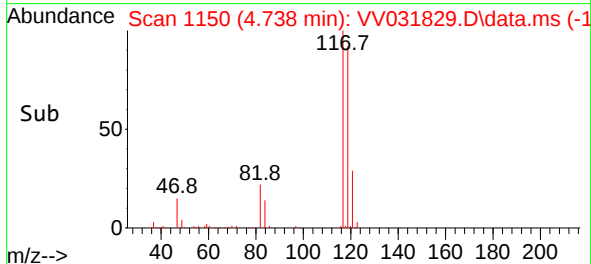
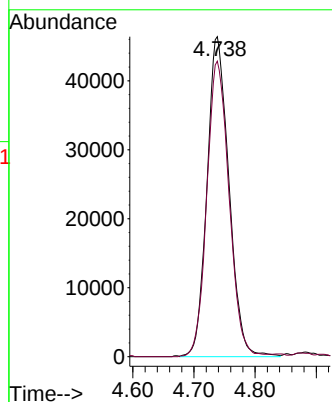


#31
Carbon tetrachloride
Concen: 5.341 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :

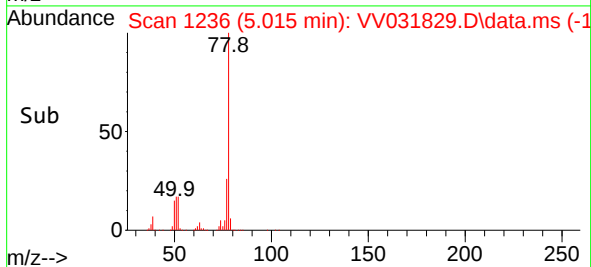
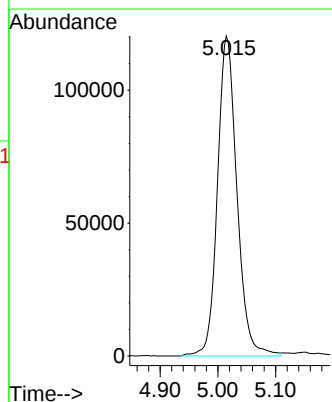
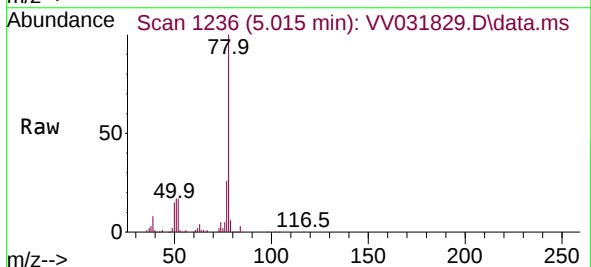


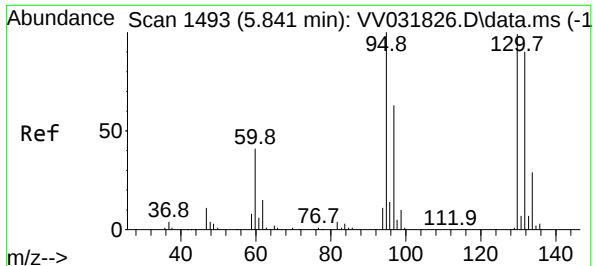
Tgt Ion:117 Resp: 115797
Ion Ratio Lower Upper
117 100
119 93.5 77.9 116.9



#33
Benzene
Concen: 5.463 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion: 78 Resp: 281520





#34

Trichloroethene

Concen: 5.009 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 73660

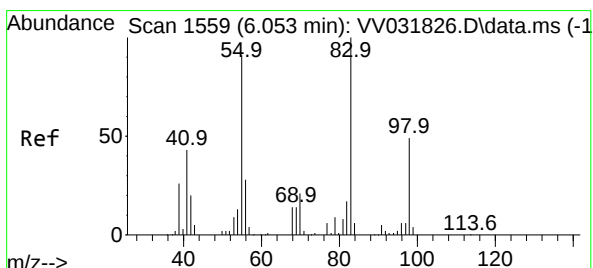
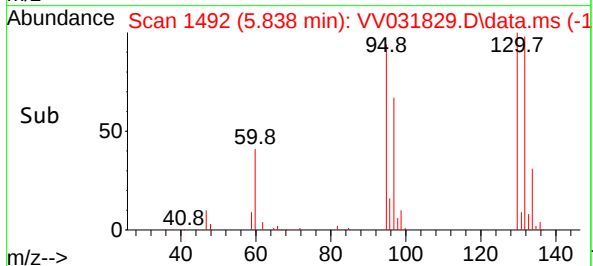
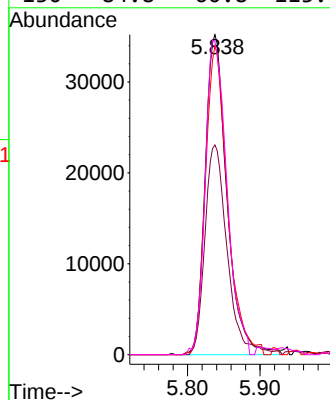
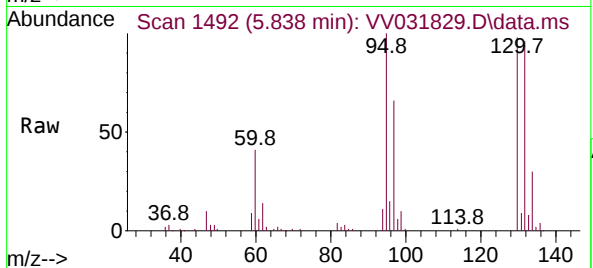
Ion Ratio Lower Upper

95 100

97 56.8 39.0 72.4

132 83.5 55.4 103.0

130 84.8 60.8 113.0



#35

Methylcyclohexane

Concen: 5.334 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

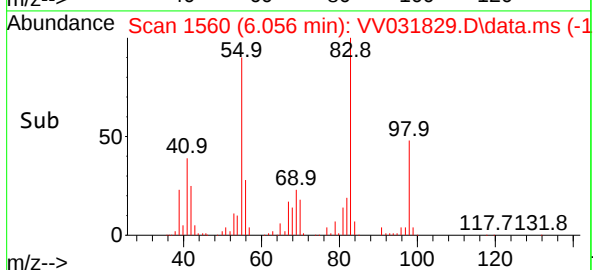
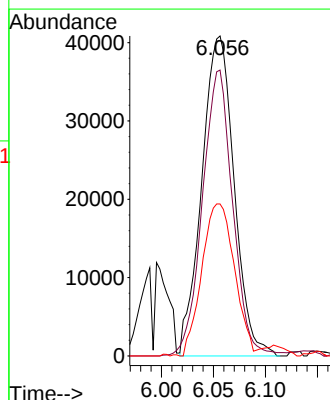
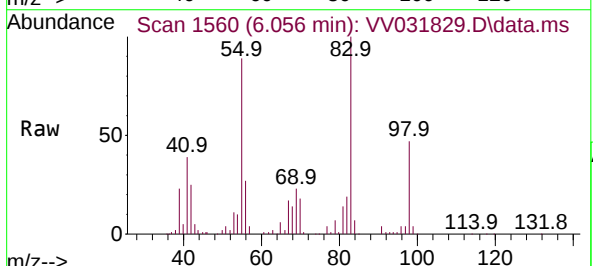
Tgt Ion: 83 Resp: 88612

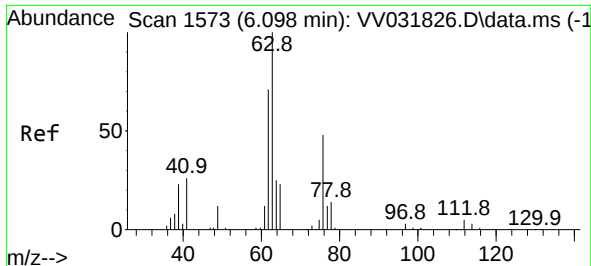
Ion Ratio Lower Upper

83 100

55 83.4 69.1 103.7

98 47.9 38.5 57.7





#37

1,2-Dichloropropane

Concen: 4.652 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. 0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

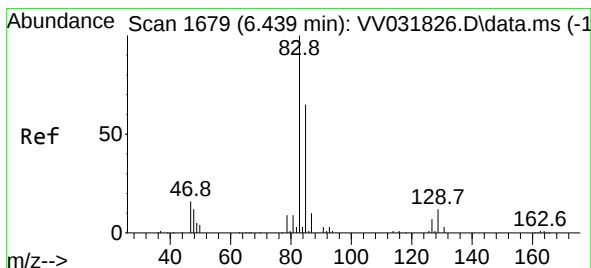
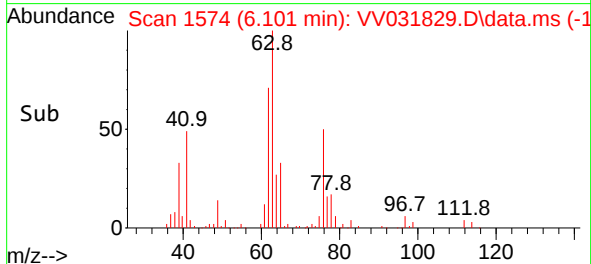
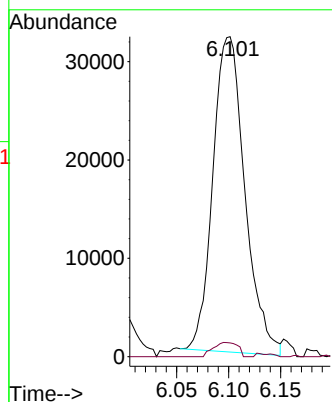
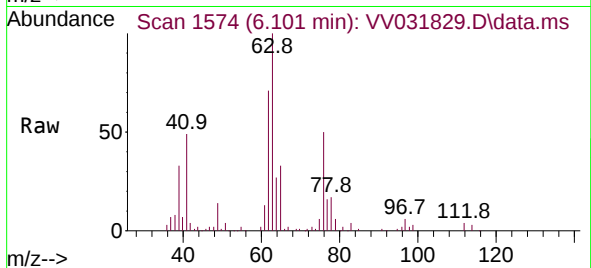
ClientSampleId :

Tgt Ion: 63 Resp: 68610

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.0



#38

Bromodichloromethane

Concen: 5.285 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

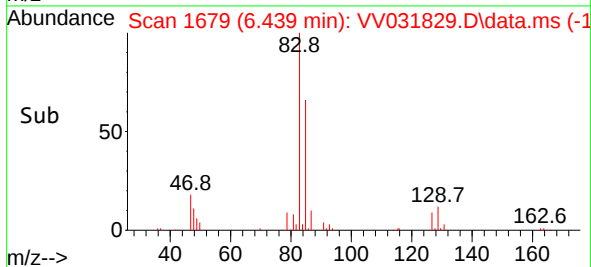
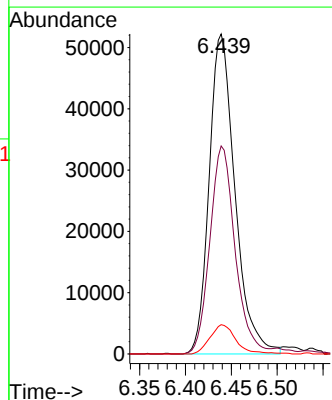
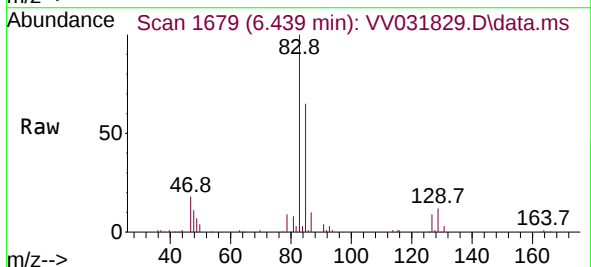
Tgt Ion: 83 Resp: 102189

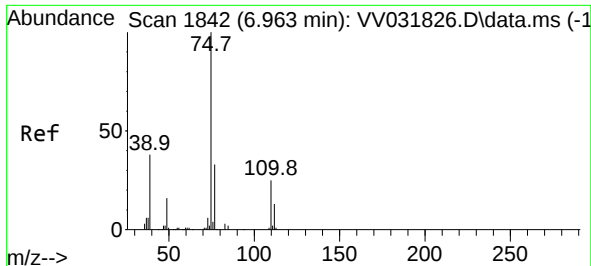
Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.2

127 9.2 5.9 8.9#





#39

cis-1,3-Dichloropropene

Concen: 5.668 ug/L

RT: 6.960 min Scan# 1842

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

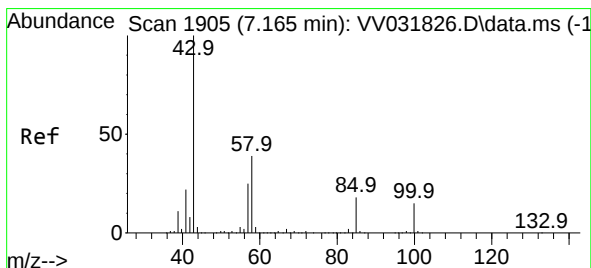
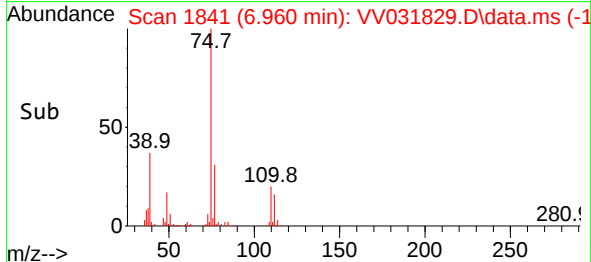
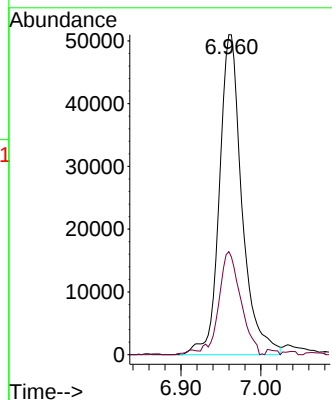
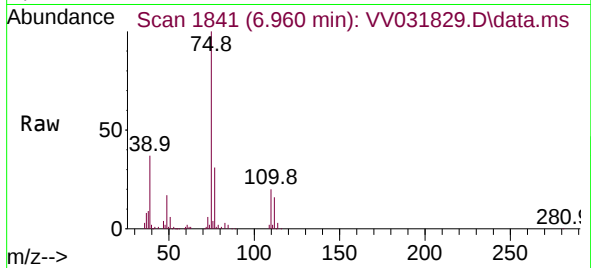
ClientSampleId :

Tgt Ion: 75 Resp: 99703

Ion Ratio Lower Upper

75 100

77 32.2 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 59.417 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

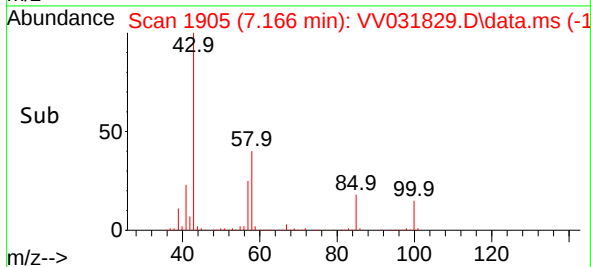
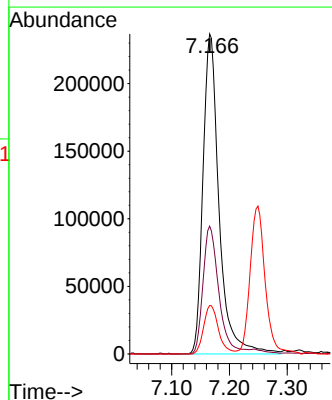
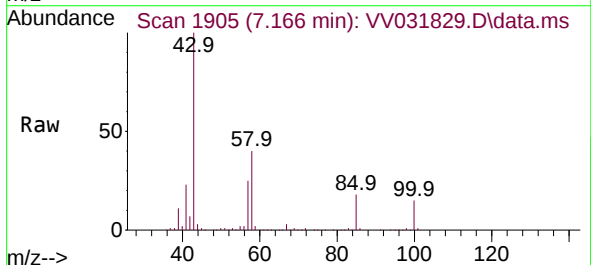
Tgt Ion: 43 Resp: 458059

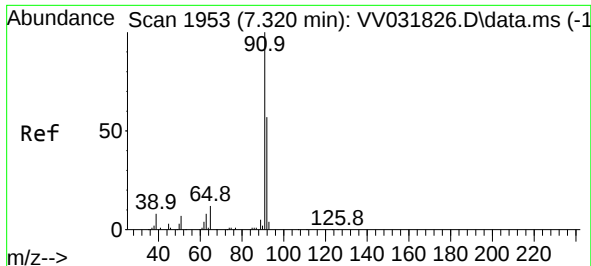
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 14.1 11.2 16.8

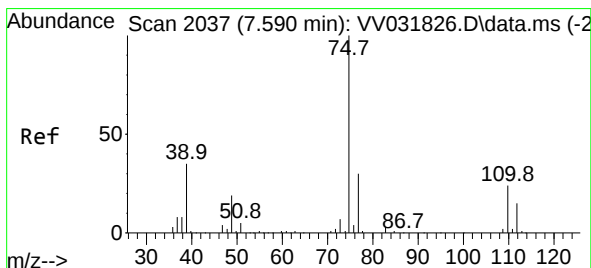
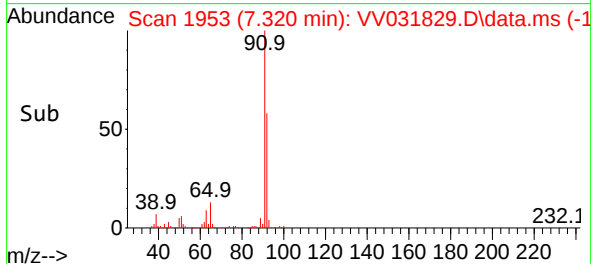
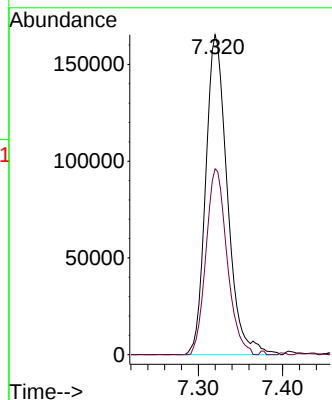
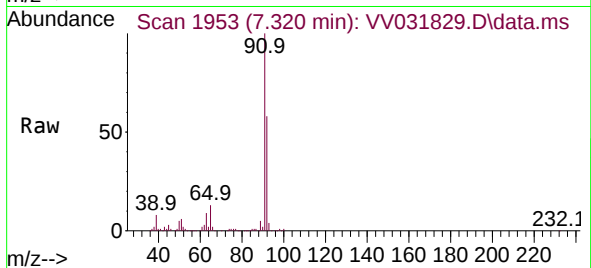




#42
Toluene
Concen: 5.770 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

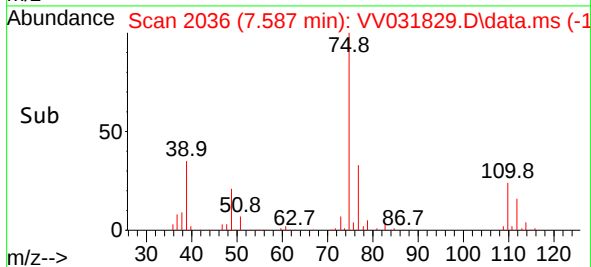
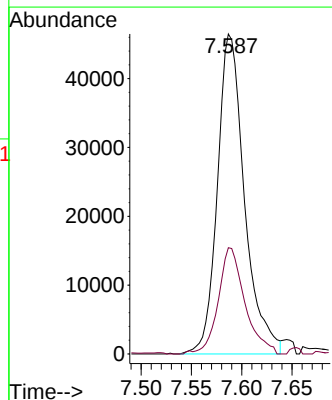
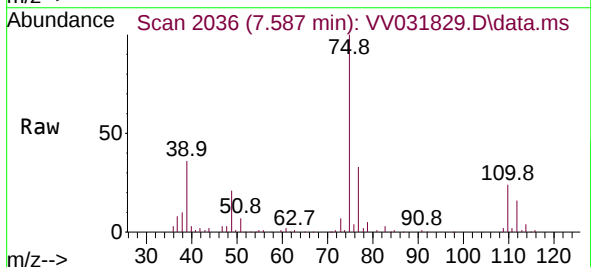
Instrument :
MSVOA_V
ClientSampleId :

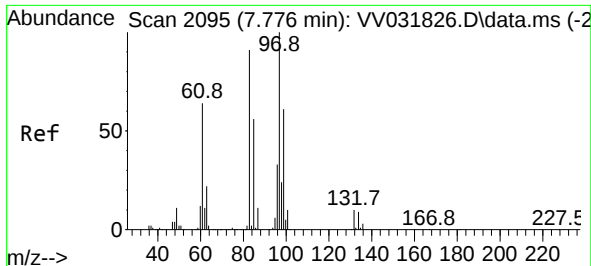
Tgt Ion: 91 Resp: 294961
Ion Ratio Lower Upper
91 100
92 58.1 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.544 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

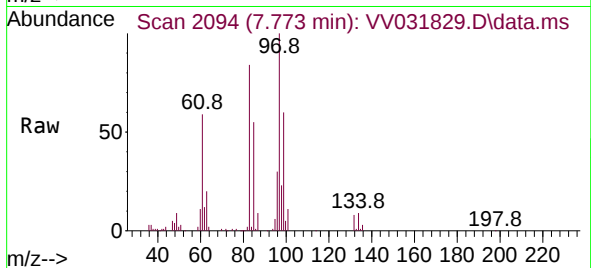
Tgt Ion: 75 Resp: 87165
Ion Ratio Lower Upper
75 100
77 33.2 22.4 41.6



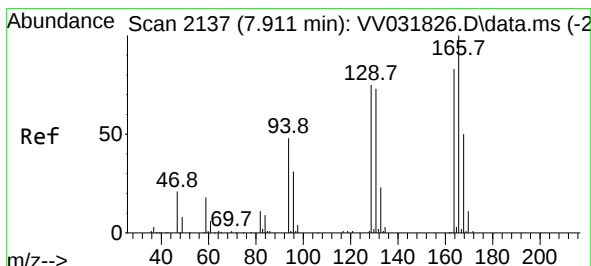
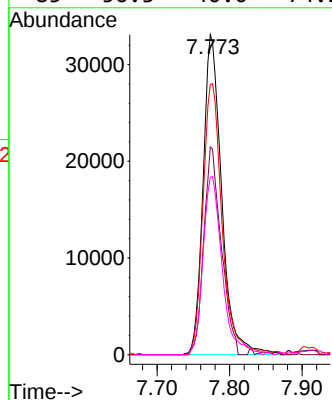
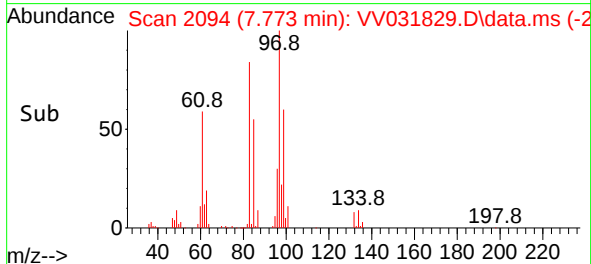


#45
1,1,2-Trichloroethane
Concen: 5.290 ug/L
RT: 7.773 min Scan# 2095
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Instrument :
MSVOA_V
ClientSampleId :

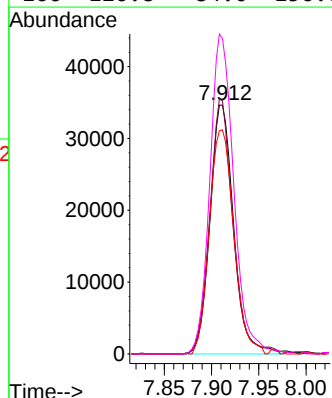
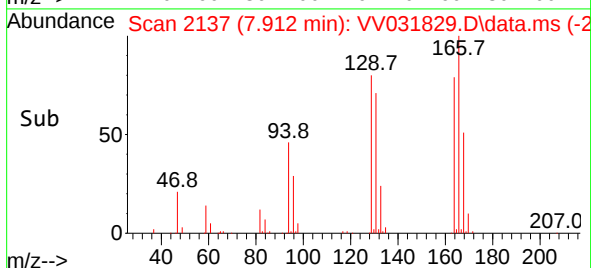
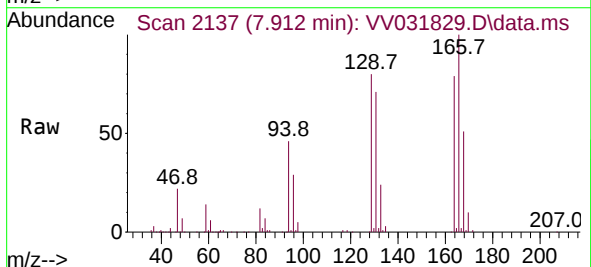


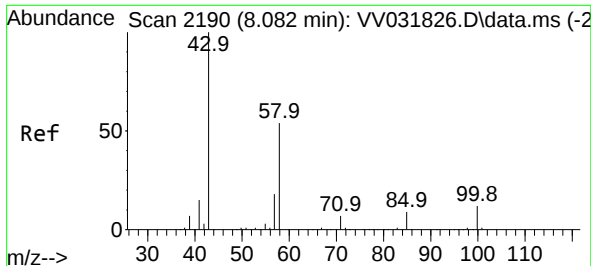
Tgt Ion:	97	Resp:	59076
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.0	79.8
83	84.5	63.8	118.4
85	56.3	40.0	74.2



#47
Tetrachloroethene
Concen: 5.549 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion:	164	Resp:	59994
Ion	Ratio	Lower	Upper
164	100		
129	101.8	62.9	116.7
131	90.1	61.2	113.8
166	126.8	84.0	156.0

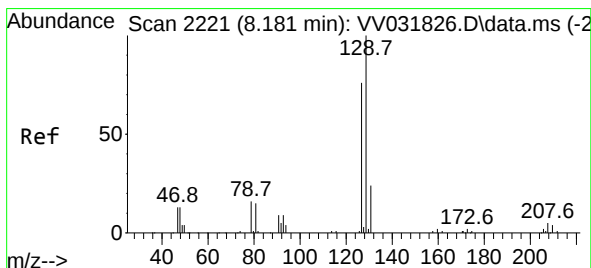
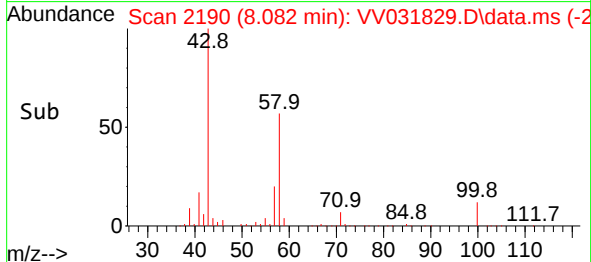
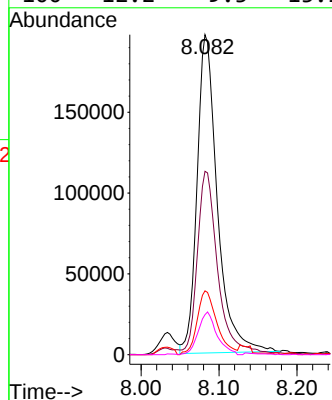
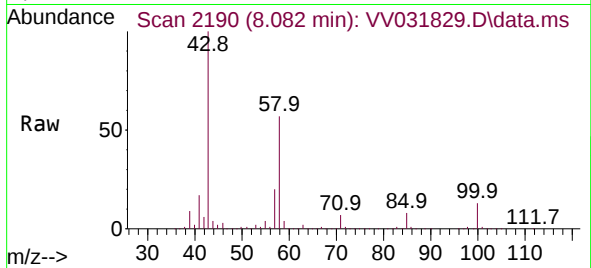




#48
2-Hexanone
Concen: 58.608 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

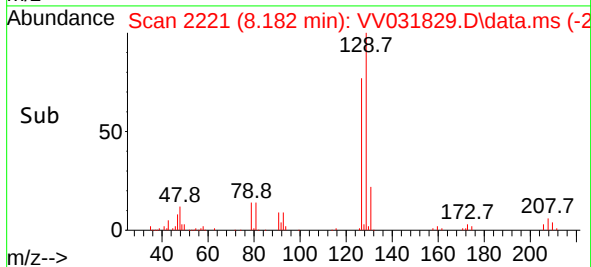
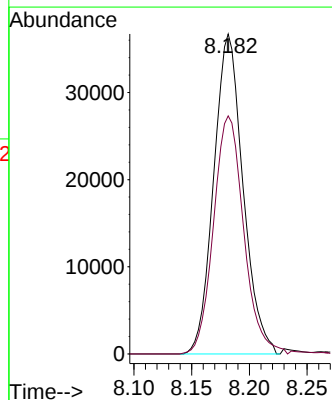
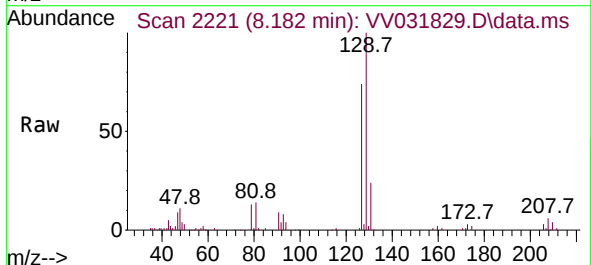
Instrument :
MSVOA_V
ClientSampleId :

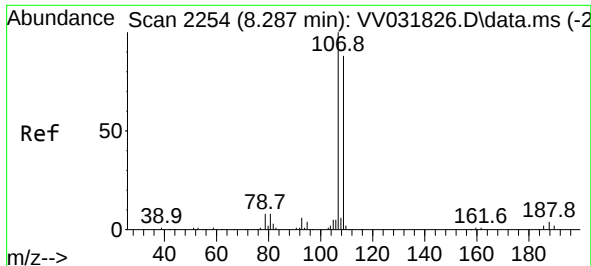
Tgt Ion:	43	Resp:	356541
Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.4	66.6
57	19.4	15.0	22.6
100	12.2	9.3	13.9



#49
Dibromochloromethane
Concen: 5.142 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion:	129	Resp:	64841
Ion	Ratio	Lower	Upper
129	100		
127	74.4	55.6	103.2





#50

1,2-Dibromoethane

Concen: 5.092 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031829.D

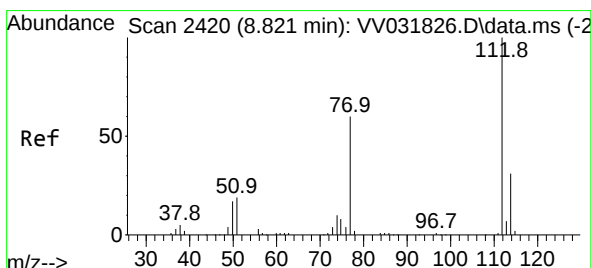
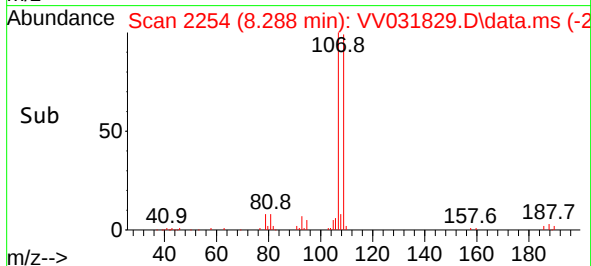
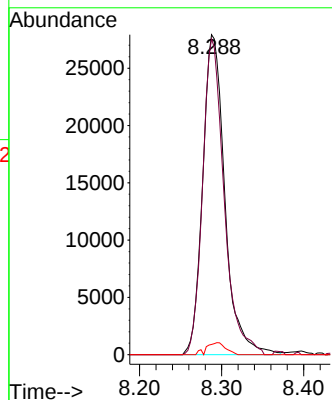
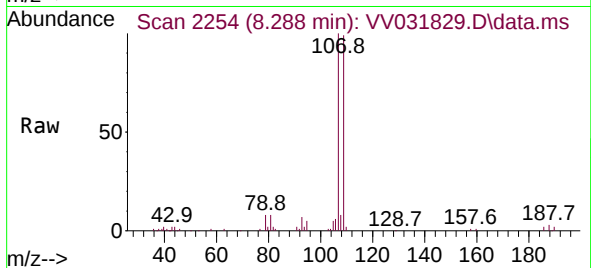
Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	52355
Ion	Ratio	Lower Upper
107	100	
109	98.7	63.6 118.0
188	3.2	3.2 4.8



#51

Chlorobenzene

Concen: 5.518 ug/L

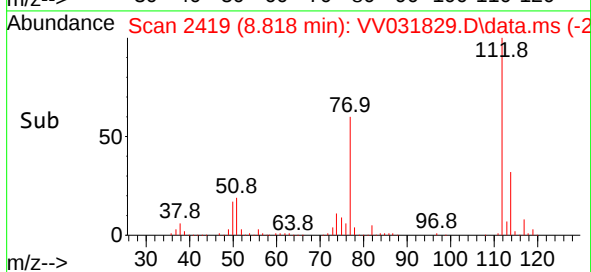
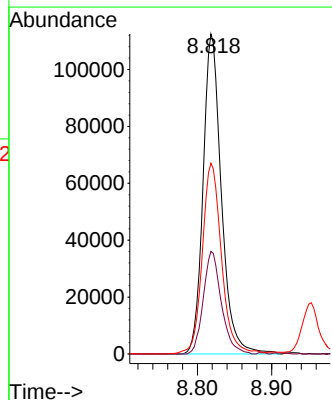
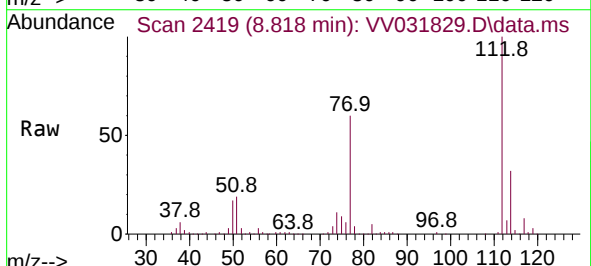
RT: 8.818 min Scan# 2419

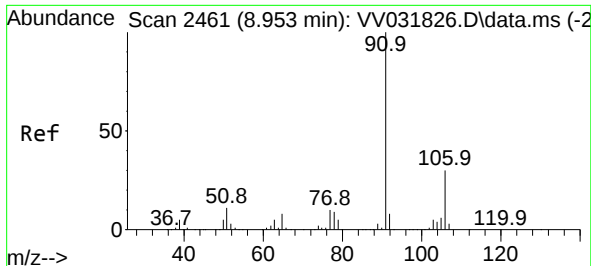
Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Tgt Ion:112	Resp:	192951
Ion	Ratio	Lower Upper
112	100	
114	32.0	20.5 38.1
77	59.6	45.0 67.6





#52

Ethylbenzene

Concen: 5.649 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

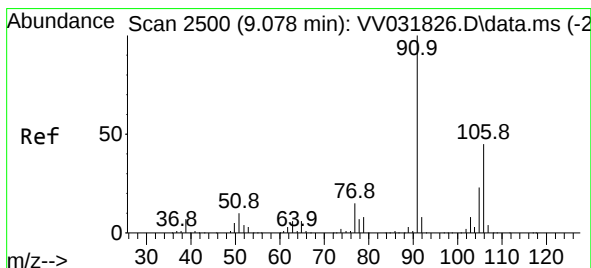
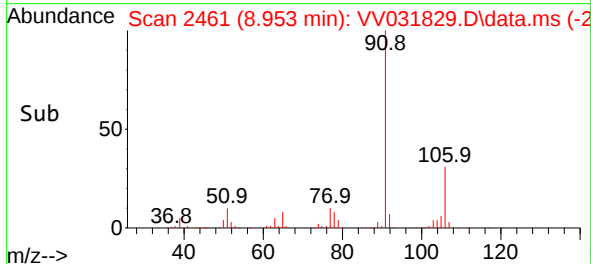
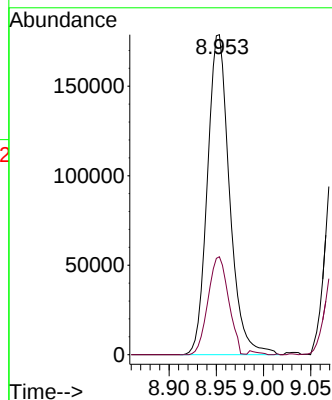
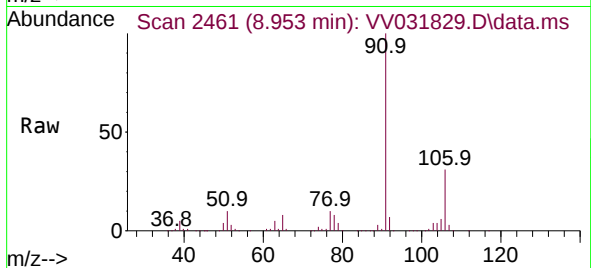
ClientSampleId :

Tgt Ion: 91 Resp: 290805

Ion Ratio Lower Upper

91 100

106 30.6 20.9 38.7



#53

m,p-Xylene

Concen: 5.613 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.000 min

Lab File: VV031829.D

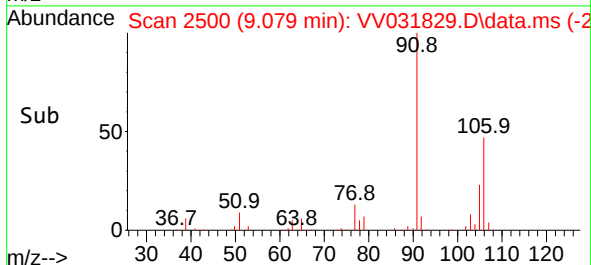
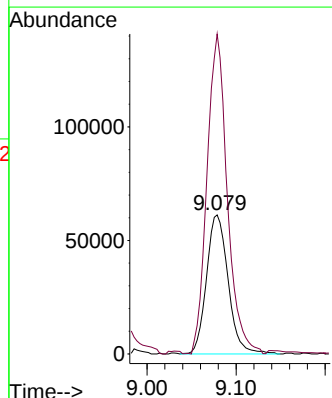
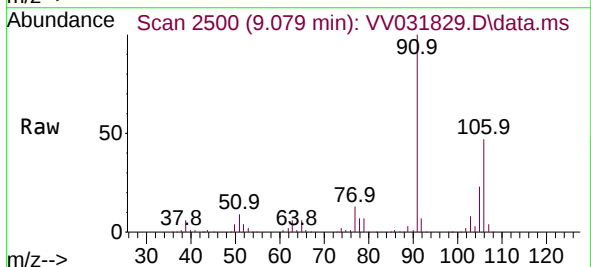
Acq: 17 Aug 2023 13:43

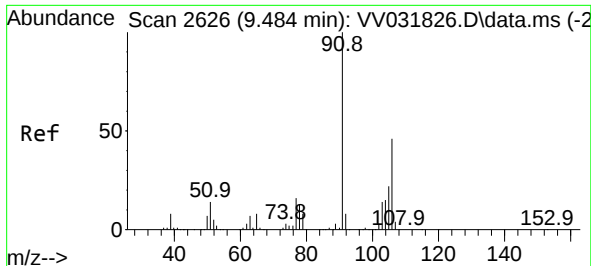
Tgt Ion:106 Resp: 103419

Ion Ratio Lower Upper

106 100

91 230.3 155.7 289.1

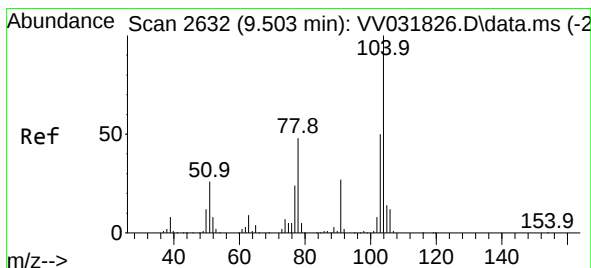
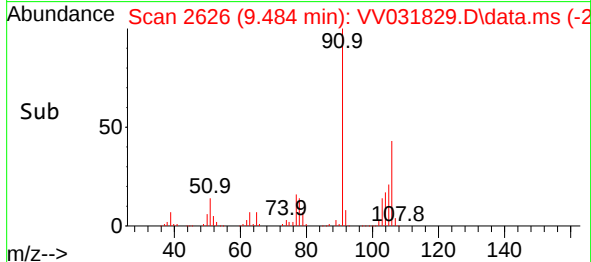
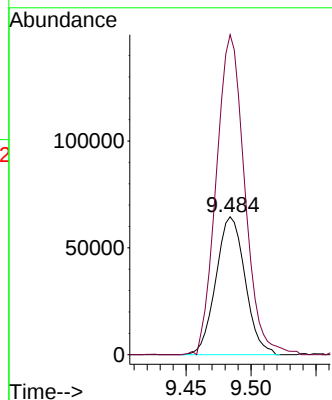
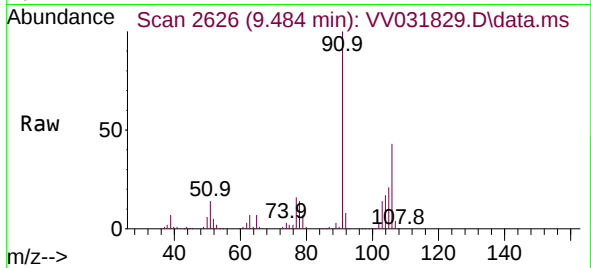




#54
o-Xylene
Concen: 5.753 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

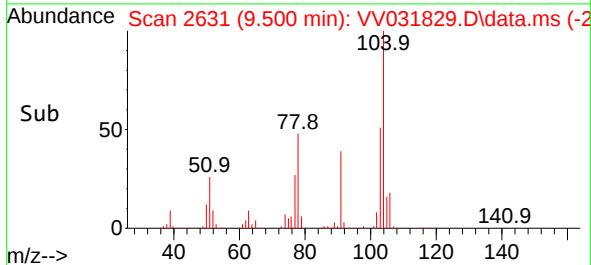
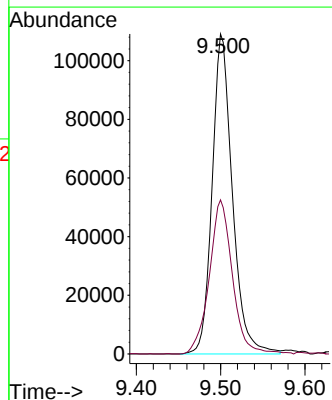
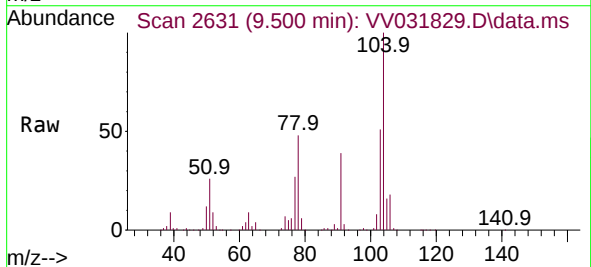
Instrument :
MSVOA_V
ClientSampleId :

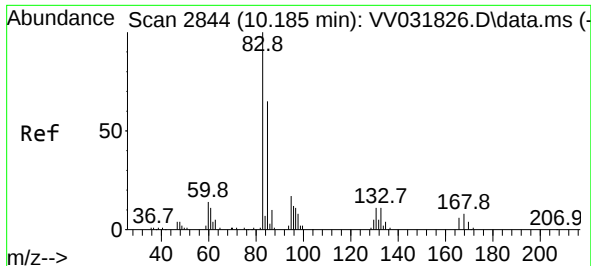
Tgt Ion:106 Resp: 100882
Ion Ratio Lower Upper
106 100
91 232.1 154.0 286.0



#55
Styrene
Concen: 5.683 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion:104 Resp: 181790
Ion Ratio Lower Upper
104 100
78 48.1 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.176 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VV031829.D

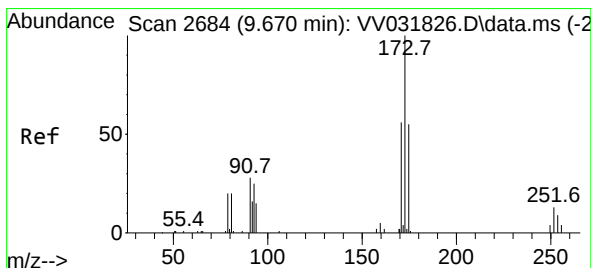
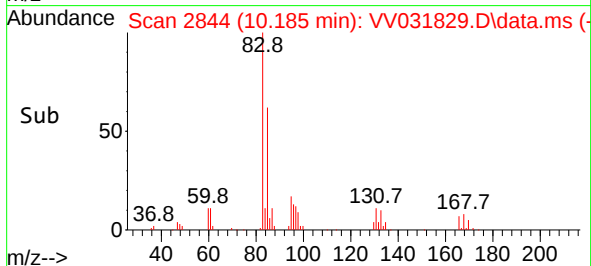
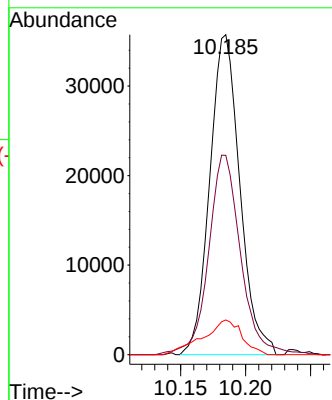
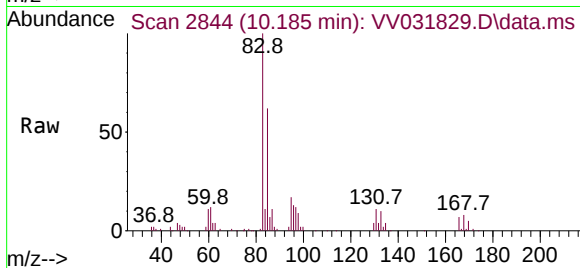
Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	57565
Ion Ratio	Lower	Upper	
83	100		
85	62.3	45.4	84.4
131	10.8	8.7	13.1



#59

Bromoform

Concen: 5.152 ug/L

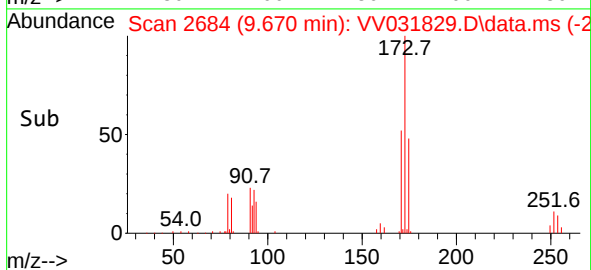
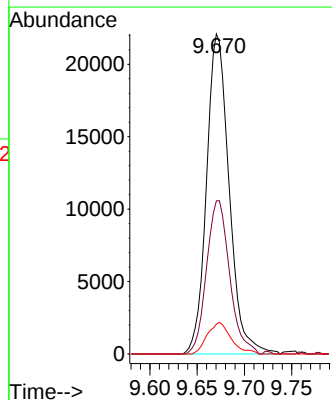
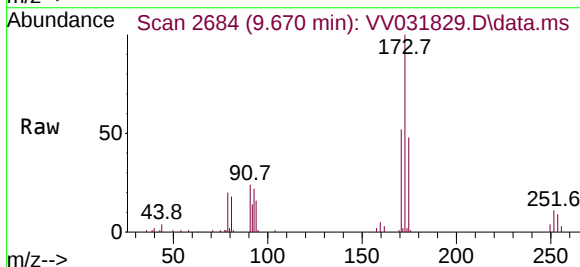
RT: 9.670 min Scan# 2684

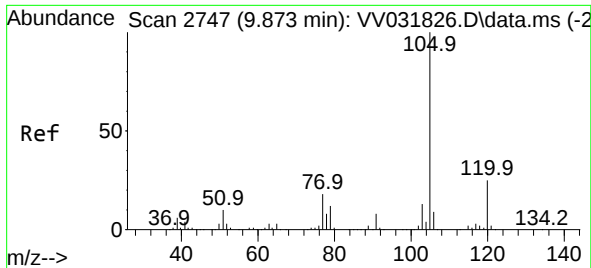
Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Tgt Ion:	173	Resp:	36803
Ion Ratio	Lower	Upper	
173	100		
175	48.9	40.4	60.6
254	10.4	7.6	11.4

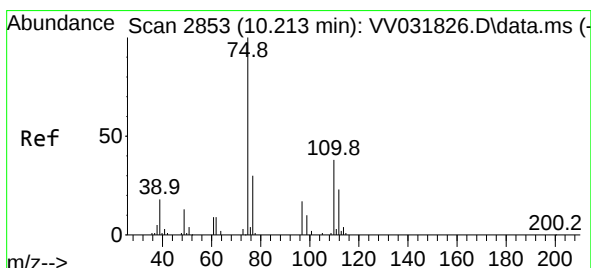
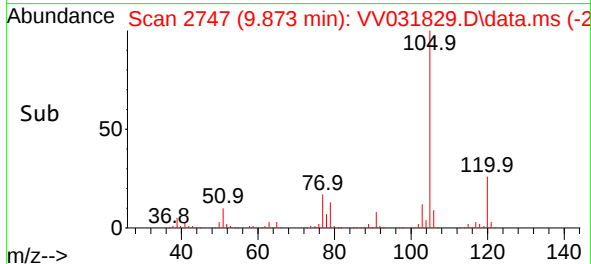
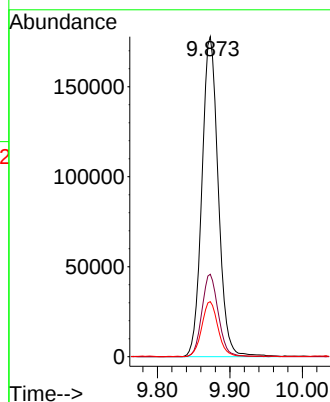
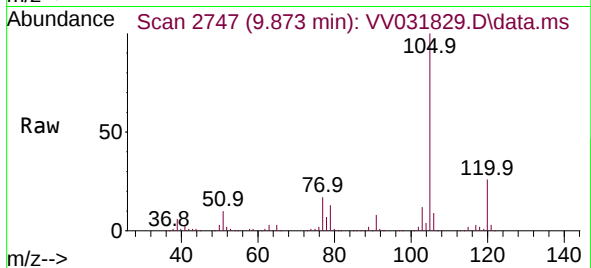




#60
Isopropylbenzene
Concen: 5.658 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

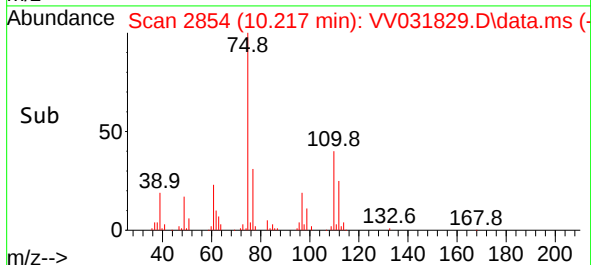
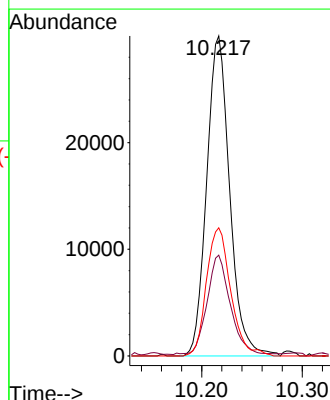
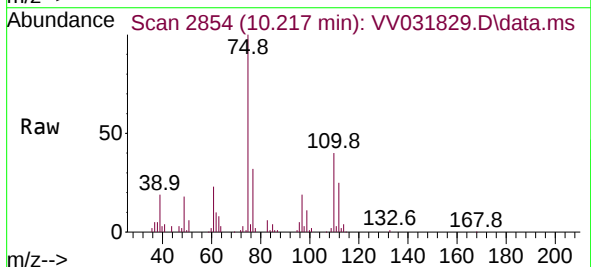
Instrument :
MSVOA_V
ClientSampleId :

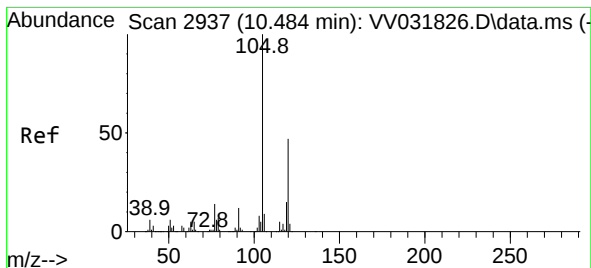
Tgt Ion:105 Resp: 278484
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 17.0 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.739 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.003 min
Lab File: VV031829.D
Acq: 17 Aug 2023 13:43

Tgt Ion: 75 Resp: 47664
Ion Ratio Lower Upper
75 100
77 31.0 26.6 40.0
110 42.4 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.453 ug/L

RT: 10.481 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

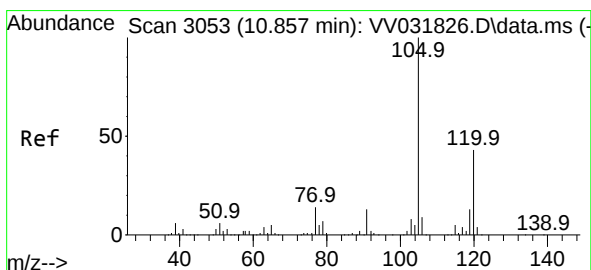
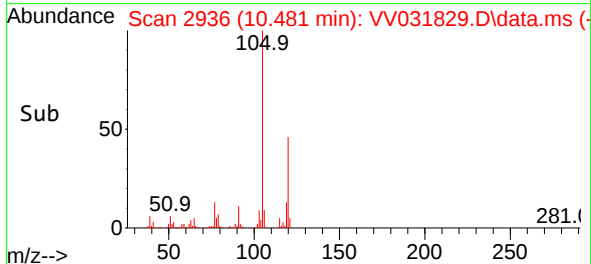
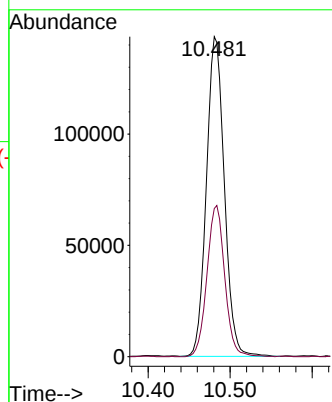
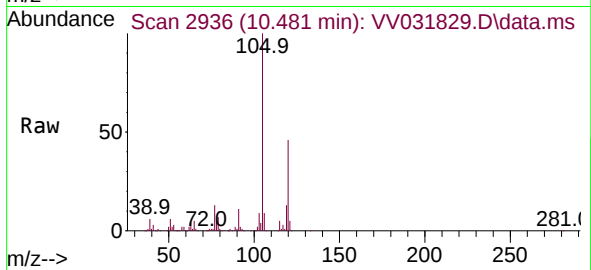
ClientSampleId :

Tgt Ion:105 Resp: 217970

Ion Ratio Lower Upper

105 100

120 47.0 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 5.501 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.000 min

Lab File: VV031829.D

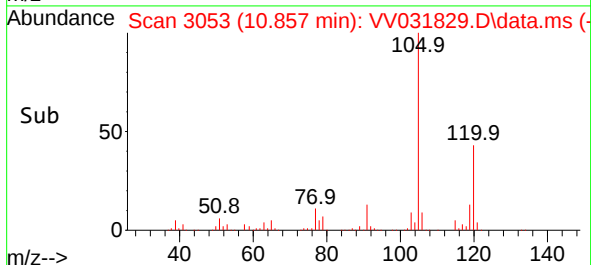
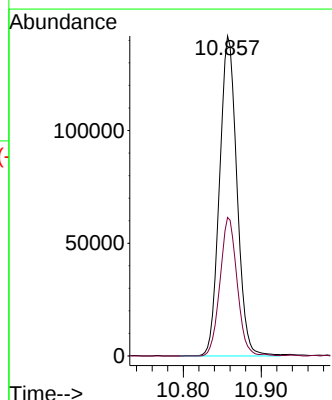
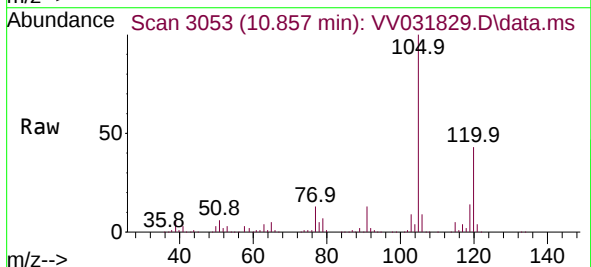
Acq: 17 Aug 2023 13:43

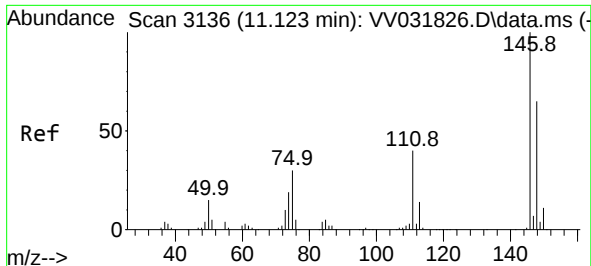
Tgt Ion:105 Resp: 220386

Ion Ratio Lower Upper

105 100

120 42.4 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 5.343 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

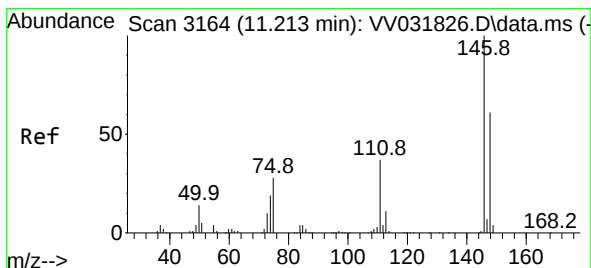
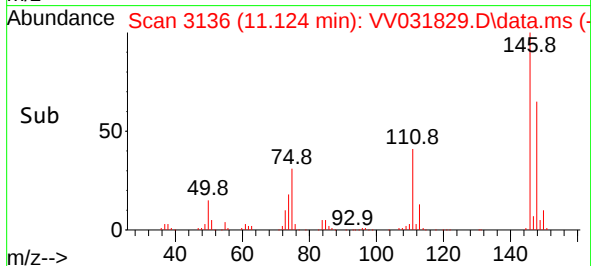
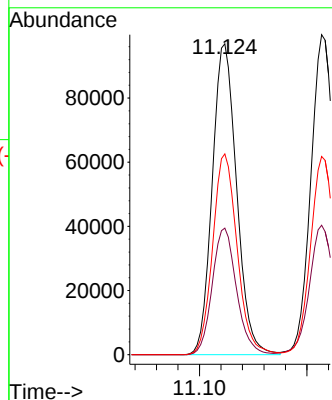
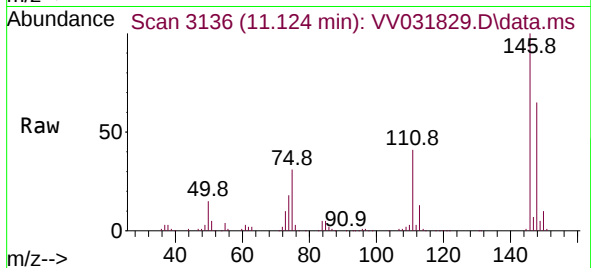
Tgt Ion:146 Resp: 152663

Ion Ratio Lower Upper

146 100

111 40.7 28.2 52.4

148 64.6 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 5.528 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

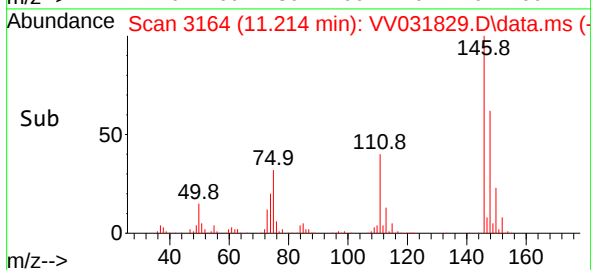
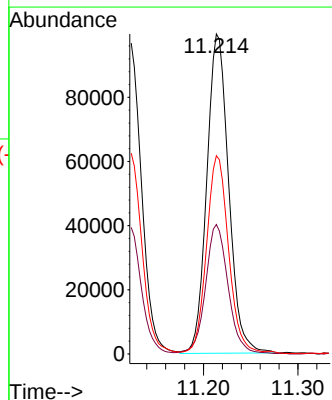
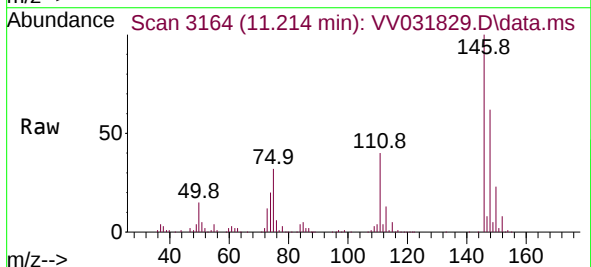
Tgt Ion:146 Resp: 159902

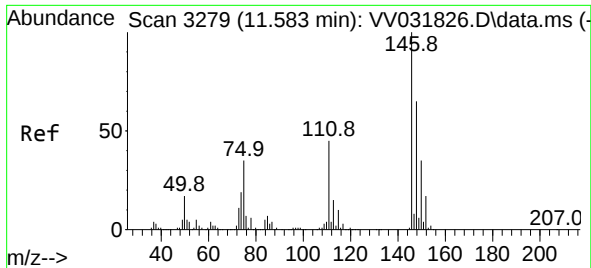
Ion Ratio Lower Upper

146 100

111 40.5 26.2 48.8

148 62.0 43.0 80.0





#67

1,2-Dichlorobenzene

Concen: 5.455 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

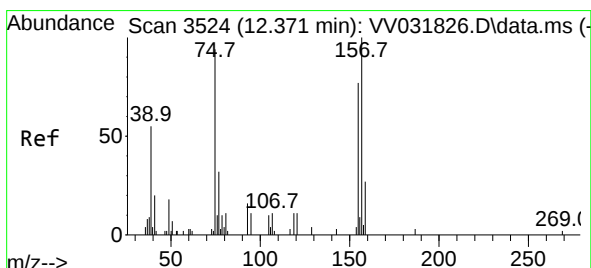
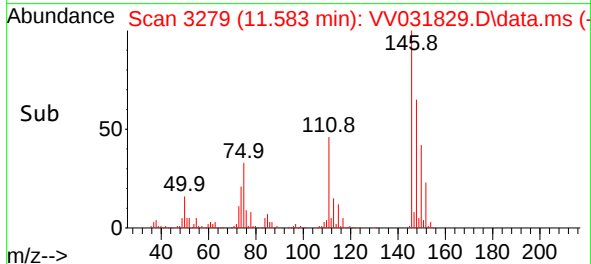
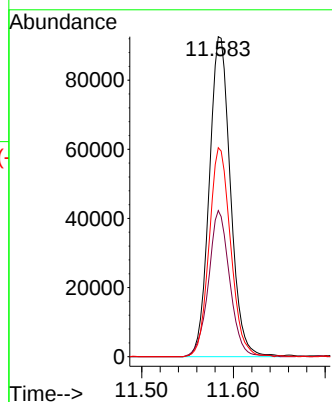
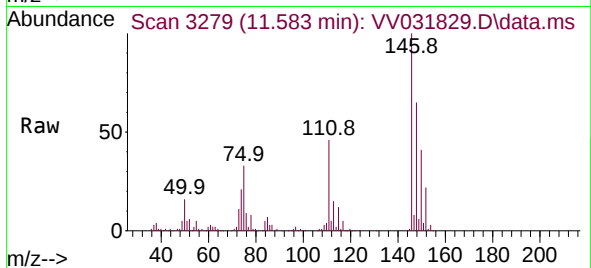
Tgt Ion:146 Resp: 148416

Ion Ratio Lower Upper

146 100

111 45.7 36.1 54.1

148 65.3 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.792 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

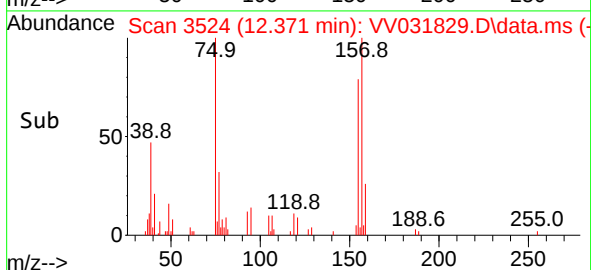
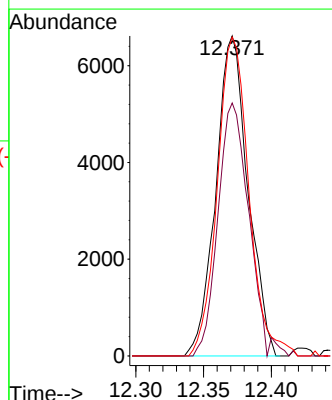
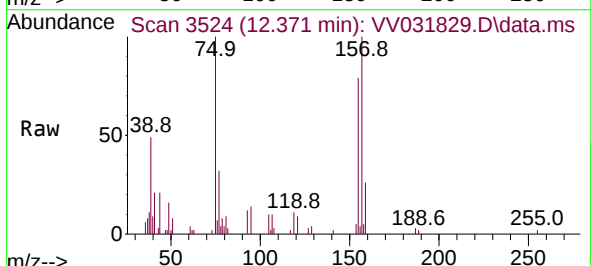
Tgt Ion: 75 Resp: 10911

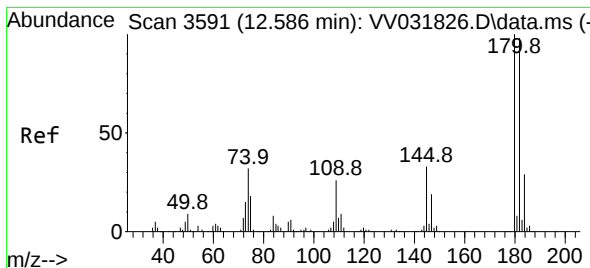
Ion Ratio Lower Upper

75 100

155 79.1 63.8 95.6

157 99.7 82.6 124.0





#69

1,3,5-Trichlorobenzene

Concen: 5.857 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 119643

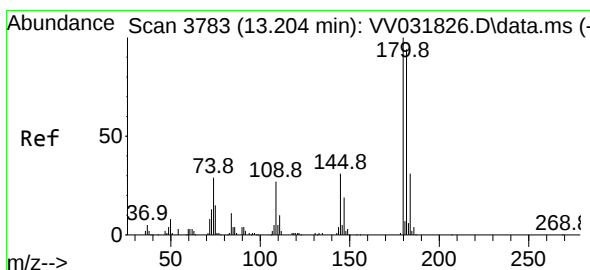
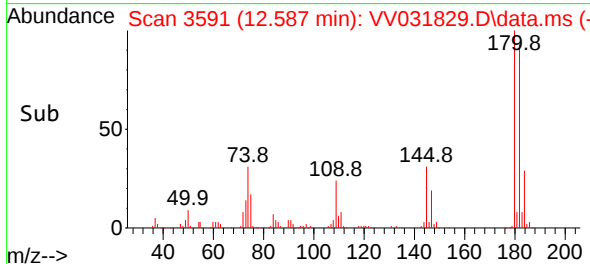
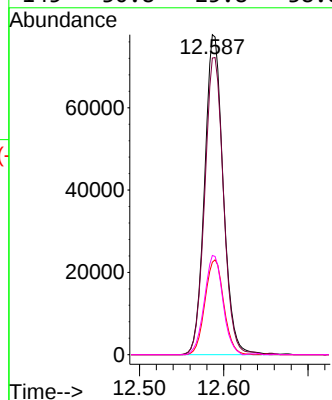
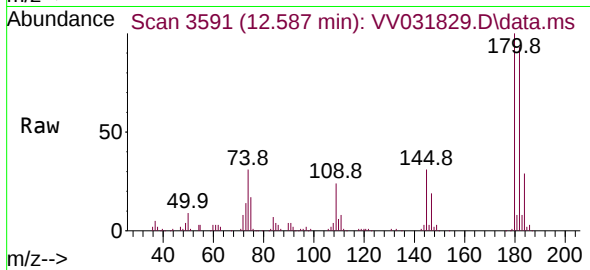
Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

184 29.9 23.7 35.5

145 30.8 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 5.405 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

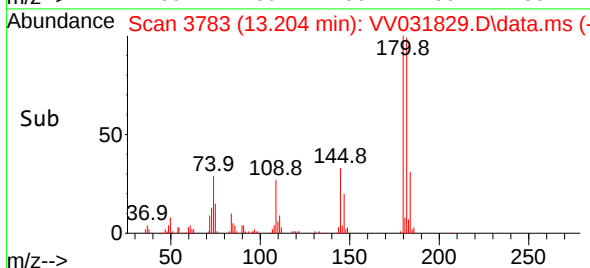
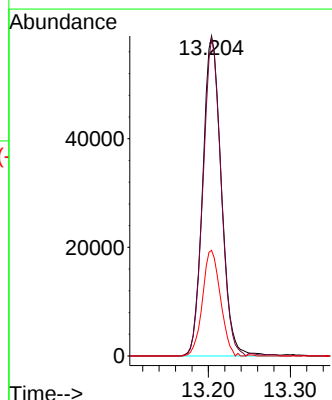
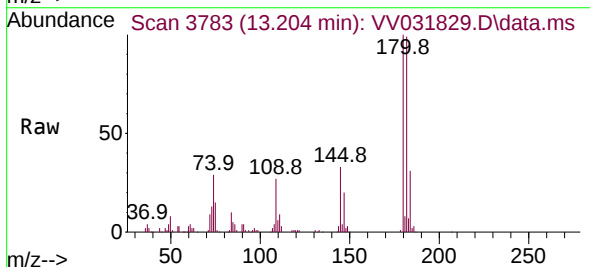
Tgt Ion:180 Resp: 92916

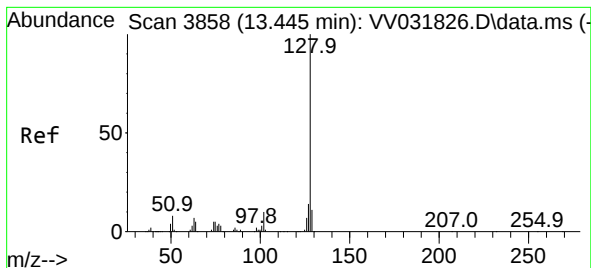
Ion Ratio Lower Upper

180 100

182 96.1 75.2 112.8

145 31.6 25.0 37.4





#71

Naphthalene

Concen: 6.155 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Instrument :

MSVOA_V

ClientSampleId :

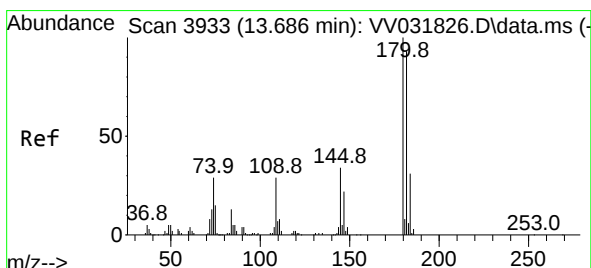
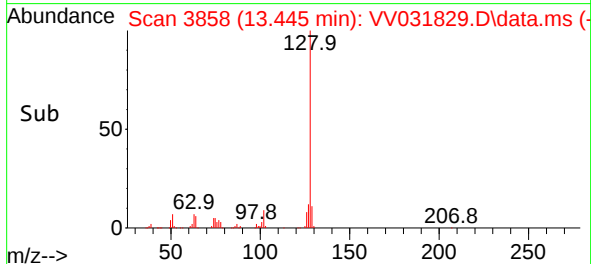
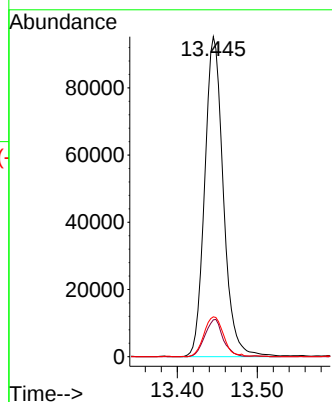
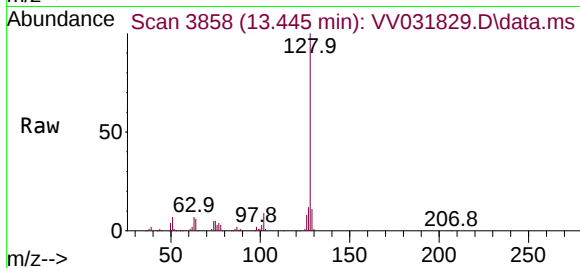
Tgt Ion:128 Resp: 154770

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

127 13.1 11.0 16.4



#72

1,2,3-Trichlorobenzene

Concen: 5.824 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031829.D

Acq: 17 Aug 2023 13:43

Tgt Ion:180 Resp: 90481

Ion Ratio Lower Upper

180 100

182 97.5 75.9 113.9

145 35.2 27.6 41.4

