

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034829.D
 Acq On : 26 Mar 2024 15:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:31:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407835	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	385900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198867	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178844	45.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.820%
7) Chloroethane-d5	1.529	69	170633	49.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.760%
11) 1,1-Dichloroethene-d2	2.060	65	80919	46.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
21) 2-Butanone-d5	3.783	46	242014	103.604	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.600%
24) Chloroform-d	4.246	84	311088	46.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
26) 1,2-Dichloroethane-d4	4.937	65	200108	47.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	4.957	84	625709	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
36) 1,2-Dichloropropane-d6	5.986	67	202734	49.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.500%
41) Toluene-d8	7.240	98	569417	48.777	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	7.551	79	99878	49.912	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.820%
47) 2-Hexanone-d5	8.021	63	165364	106.256	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	278629	49.155	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	213048	47.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	121486	41.100	ug/L	99
3) Chloromethane	1.214	50	165321	43.505	ug/L	99
5) Vinyl chloride	1.282	62	174054	43.691	ug/L	100
6) Bromomethane	1.487	94	139504	46.717	ug/L	99
8) Chloroethane	1.548	64	121834	44.779	ug/L	99
9) Trichlorofluoromethane	1.712	101	225750	43.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	133443	41.697	ug/L	99
12) 1,1-Dichloroethene	2.069	96	133998	43.779	ug/L	98
13) Acetone	2.118	43	200294	93.395	ug/L	100
14) Carbon disulfide	2.240	76	379795	44.062	ug/L	100
15) Methyl Acetate	2.372	43	153973	45.560	ug/L	99
16) Methylene chloride	2.446	84	145746	43.946	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	133909	45.251	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	474676	45.668	ug/L	100
19) 1,1-Dichloroethane	3.111	63	273044	44.994	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153222	45.597	ug/L	97
22) 2-Butanone	3.863	43	229194	92.099	ug/L	100
23) Bromochloromethane	4.146	128	75411	44.854	ug/L	97
25) Chloroform	4.272	83	270175	45.031	ug/L	98

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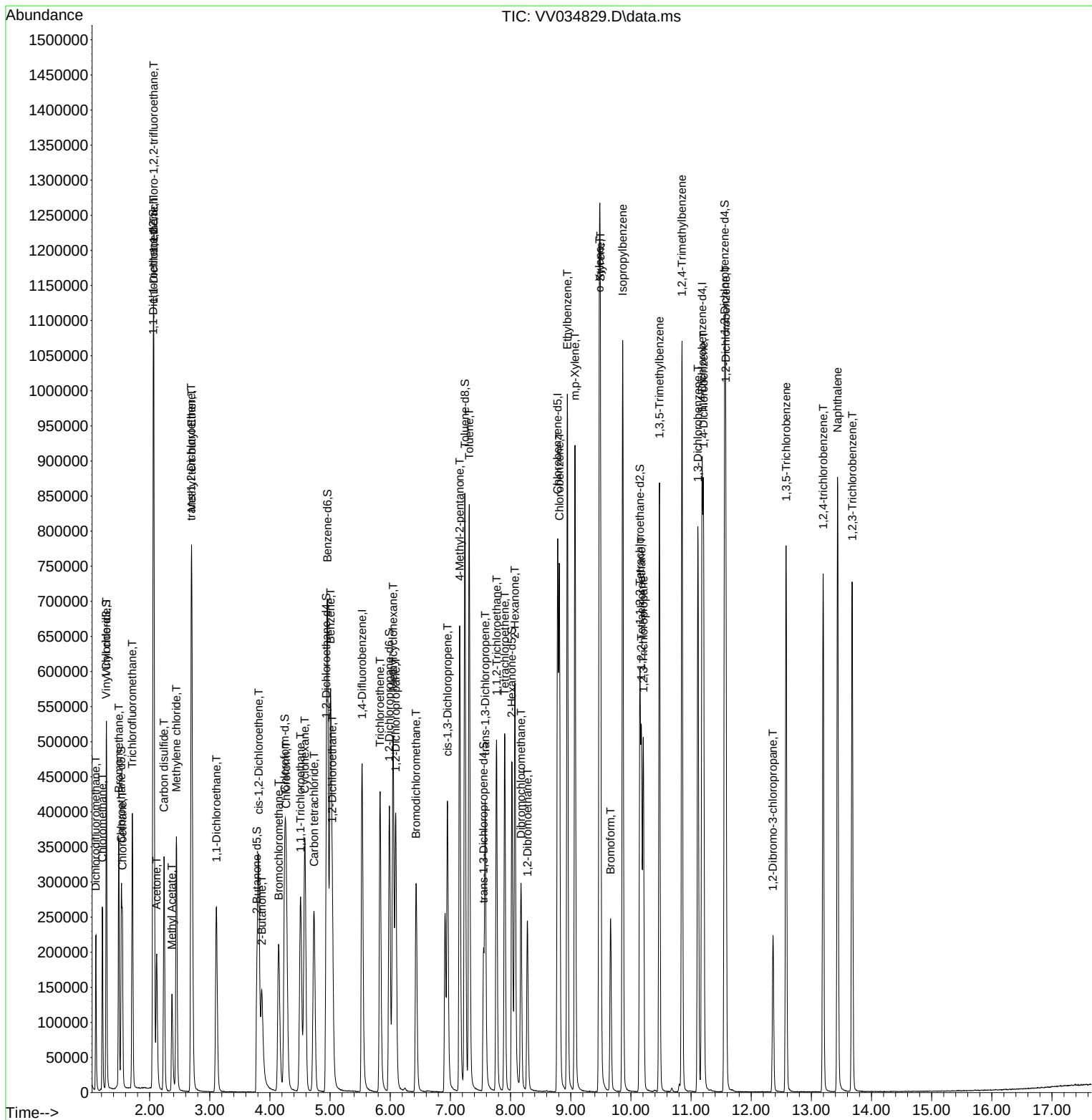
Instrument :
 MSVOA_V
 ClientSampleId :

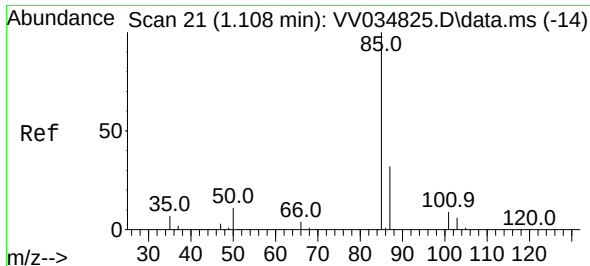
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	214640	44.932	ug/L	99
29) Cyclohexane	4.580	56	209057	43.253	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	227943	45.315	ug/L	99
31) Carbon tetrachloride	4.732	117	193916	45.483	ug/L	99
33) Benzene	5.008	78	574017	45.616	ug/L	100
34) Trichloroethene	5.831	95	151863	44.718	ug/L	99
35) Methylcyclohexane	6.047	83	220157	42.926	ug/L	99
37) 1,2-Dichloropropane	6.092	63	158930	45.702	ug/L	100
38) Bromodichloromethane	6.429	83	202509	45.134	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	261237	47.687	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	438160	98.685	ug/L	99
42) Toluene	7.313	91	608443	46.184	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	241434	47.971	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	149582	45.636	ug/L	99
46) Tetrachloroethene	7.905	164	109834	46.293	ug/L	98
48) 2-Hexanone	8.072	43	353432	93.593	ug/L	97
49) Dibromochloromethane	8.175	129	146212	45.039	ug/L	99
50) 1,2-Dibromoethane	8.281	107	160450	45.468	ug/L	100
51) Chlorobenzene	8.812	112	388474	45.497	ug/L	99
52) Ethylbenzene	8.944	91	678288	46.455	ug/L	100
53) m,p-Xylene	9.072	106	251576	46.788	ug/L	98
54) o-Xylene	9.477	106	248977	46.799	ug/L	99
55) Styrene	9.493	104	426754	47.467	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	245012	46.136	ug/L	99
59) Bromoform	9.664	173	104411	45.815	ug/L	99
60) Isopropylbenzene	9.863	105	669672	46.710	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	197930	45.931	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	446503	47.955	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	551724	47.927	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	304669	45.474	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	309809	45.472	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	306089	45.862	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	55736	46.947	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	223873	46.364	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	210181	47.387	ug/L	100
71) Naphthalene	13.435	128	671964	54.607	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	212378	48.576	ug/L	99

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

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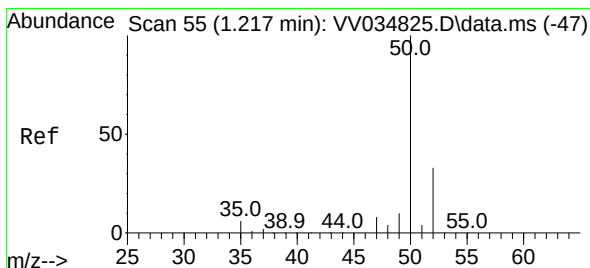
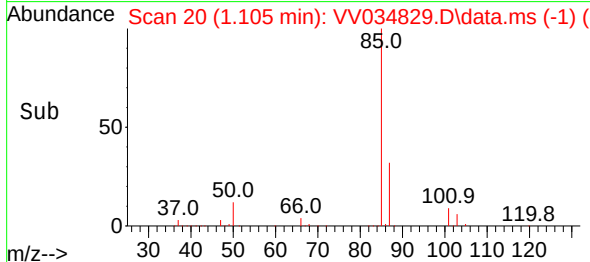
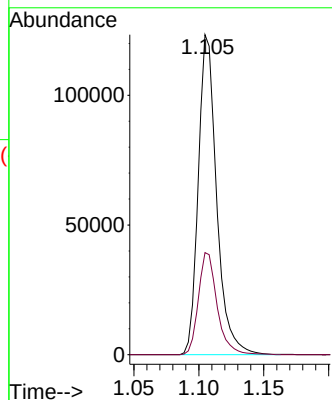
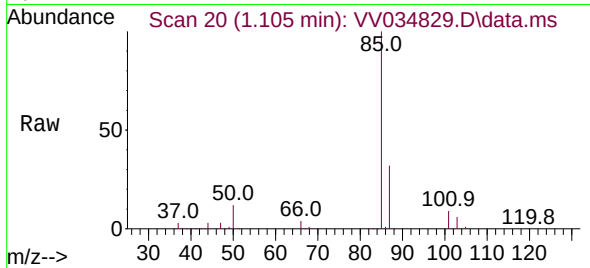




#2
Dichlorodifluoromethane
Concen: 41.100 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

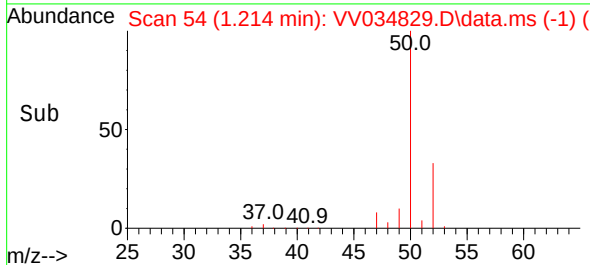
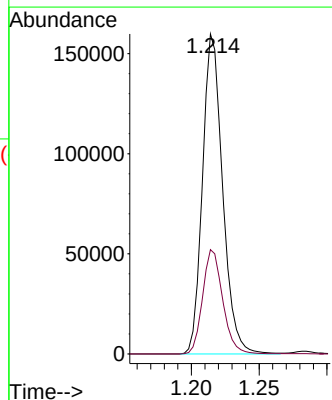
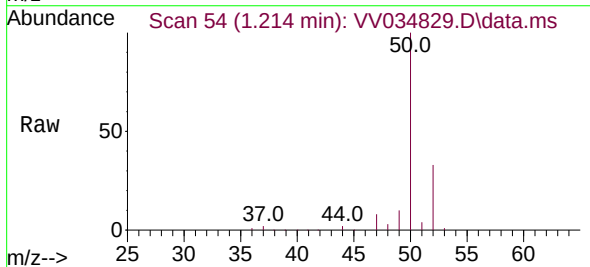
Instrument :
MSVOA_V
ClientSampleId :

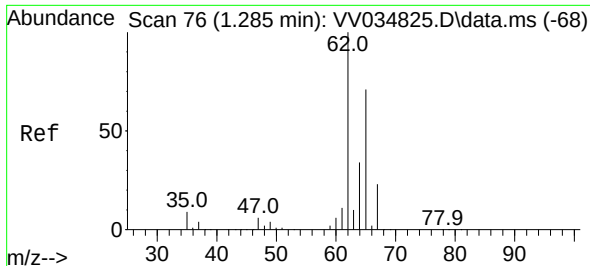
Tgt Ion: 85 Resp: 121486
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 43.505 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 50 Resp: 165321
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8





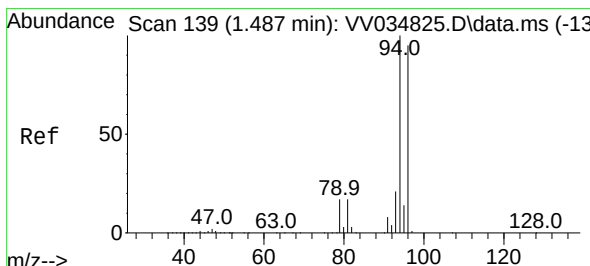
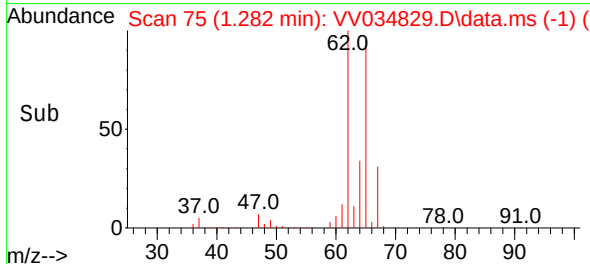
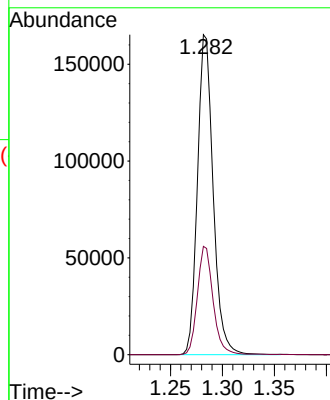
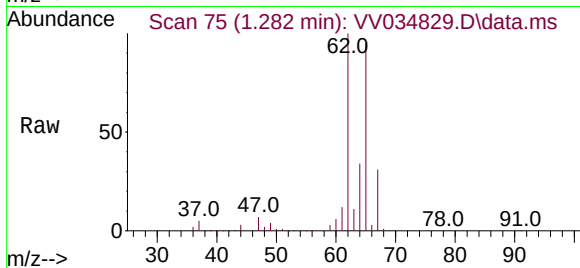
#5
 Vinyl chloride
 Concen: 43.691 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034829.D
 Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

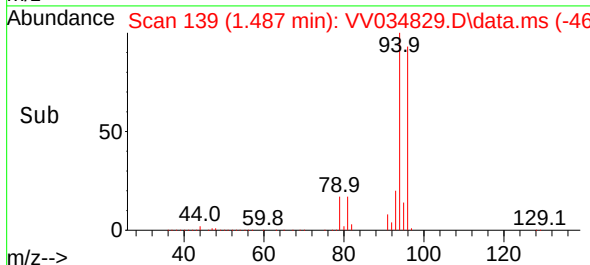
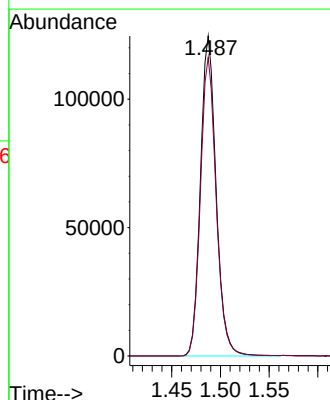
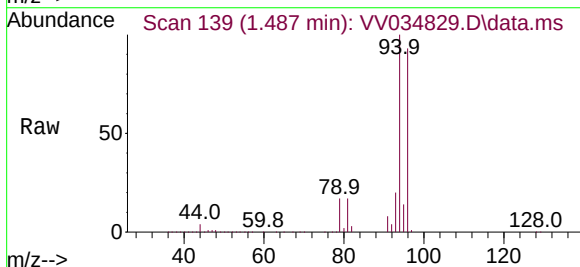
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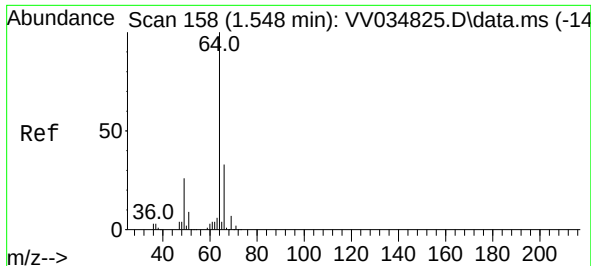
Tgt Ion: 62 Resp: 174054
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.6 43.8



#6
 Bromomethane
 Concen: 46.717 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034829.D
 Acq: 26 Mar 2024 15:16

Tgt Ion: 94 Resp: 139504
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.3 123.1

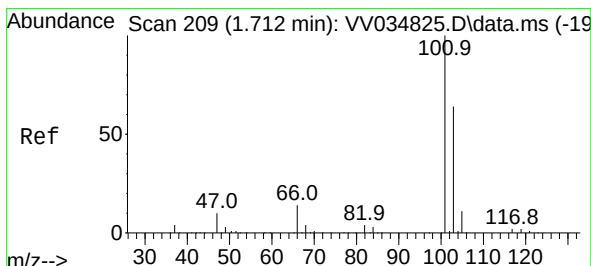
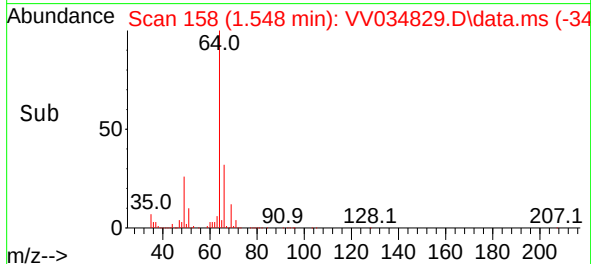
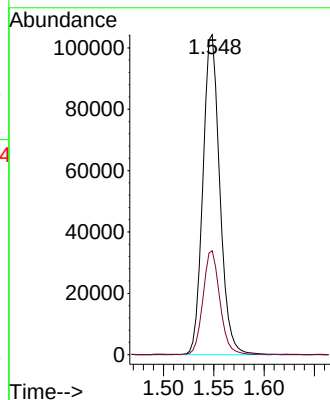
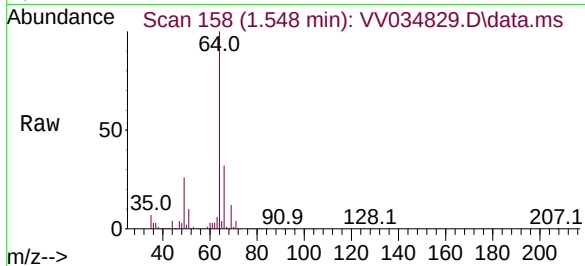




#8
Chloroethane
Concen: 44.779 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

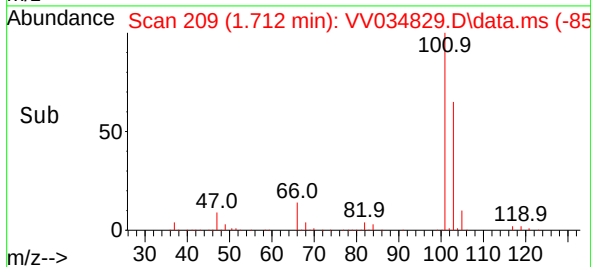
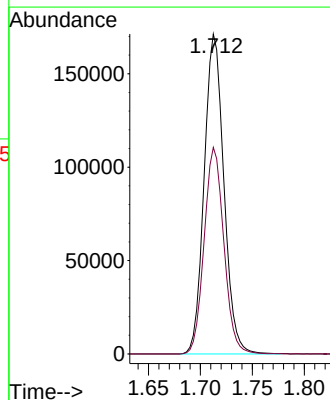
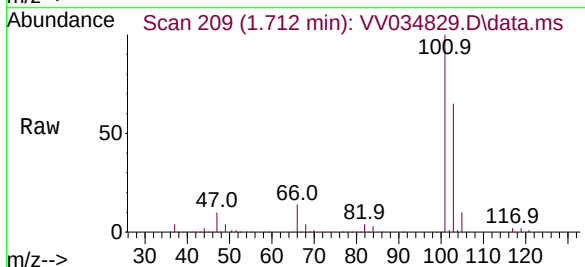
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MSVOA_V
ClientSampleId :

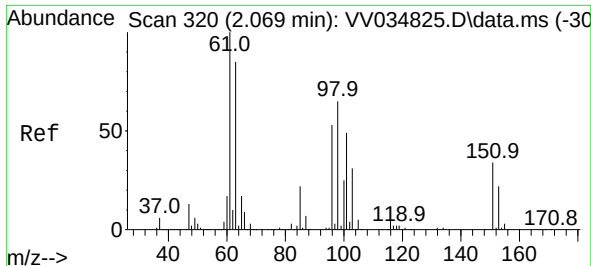
Tgt Ion: 64 Resp: 121834
Ion Ratio Lower Upper
64 100
66 32.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 43.176 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion:101 Resp: 225750
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 41.697 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

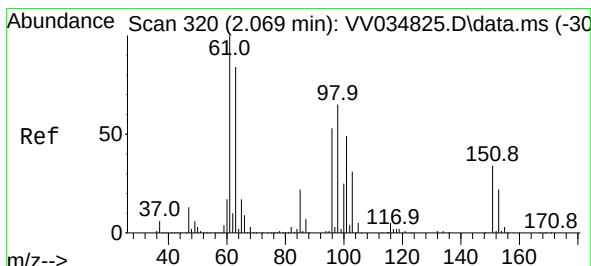
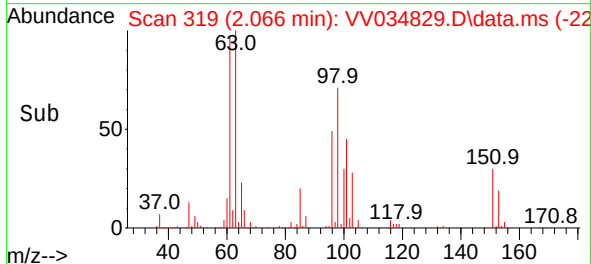
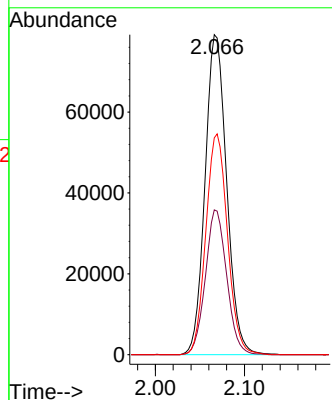
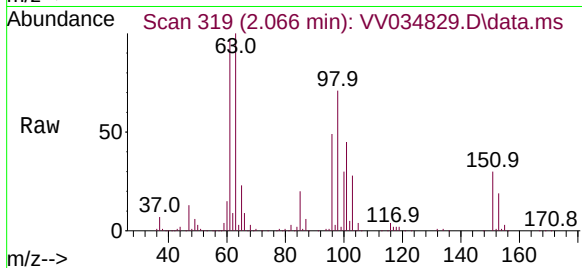
Tgt Ion:101 Resp: 133443

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

151 69.1 55.0 82.4



#12

1,1-Dichloroethene

Concen: 43.779 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

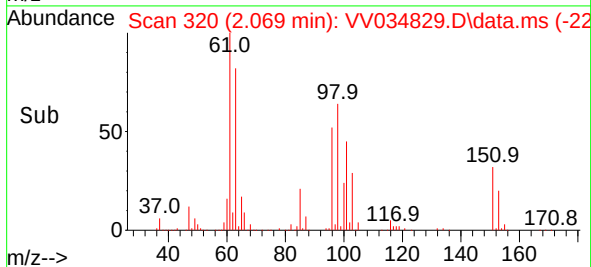
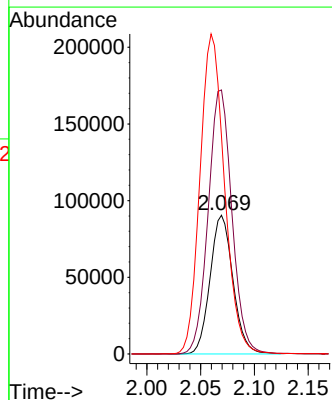
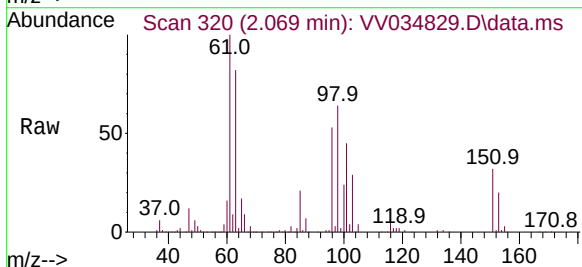
Tgt Ion: 96 Resp: 133998

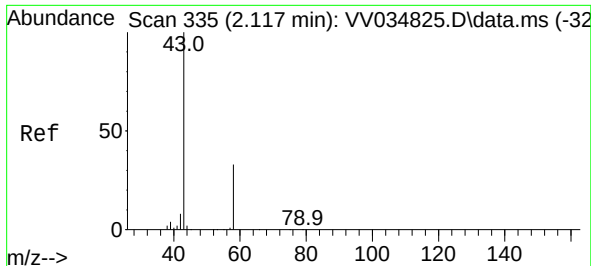
Ion Ratio Lower Upper

96 100

61 190.2 131.5 244.3

63 156.9 111.4 206.8





#13

Acetone

Concen: 93.395 ug/L

RT: 2.118 min Scan# 341

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

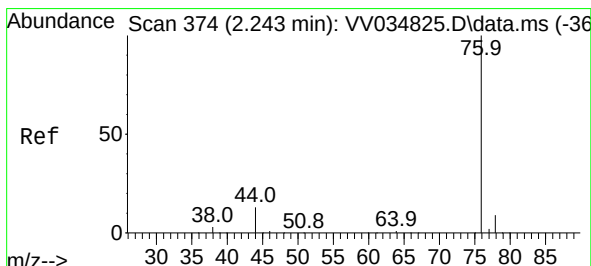
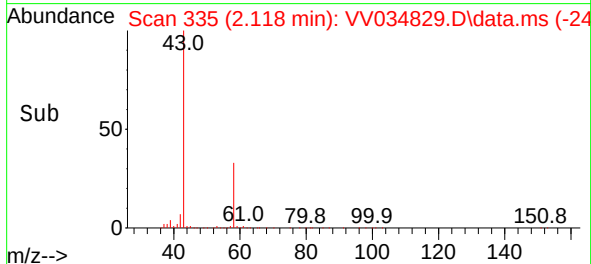
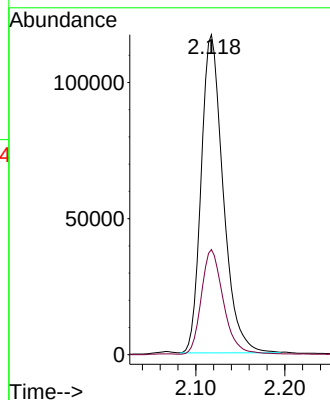
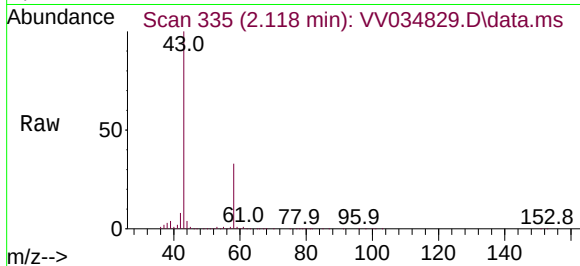
ClientSampleId :

Tgt Ion: 43 Resp: 200294

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.0



#14

Carbon disulfide

Concen: 44.062 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034829.D

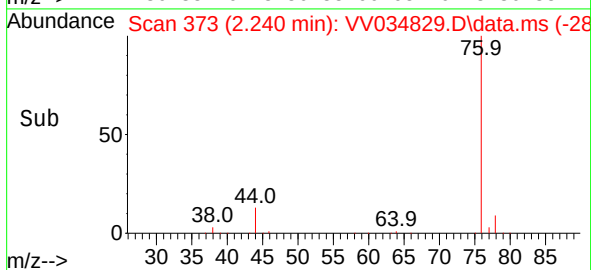
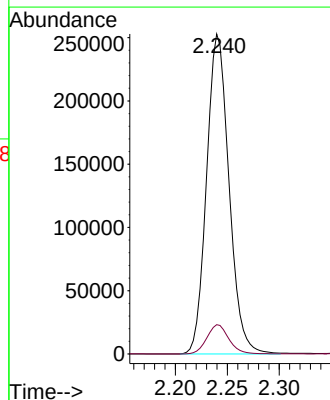
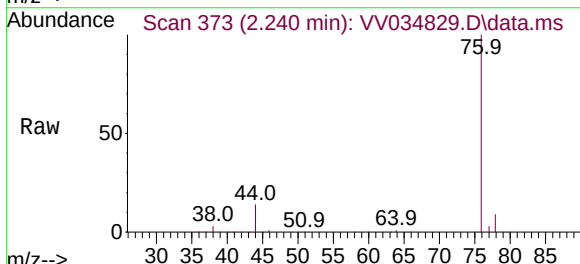
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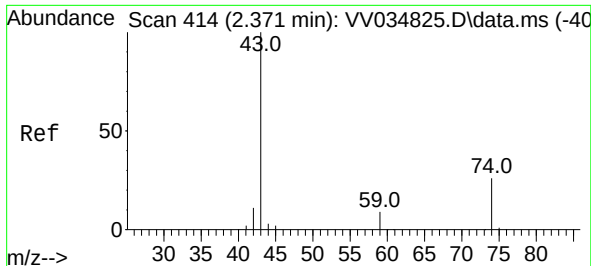
Tgt Ion: 76 Resp: 379795

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

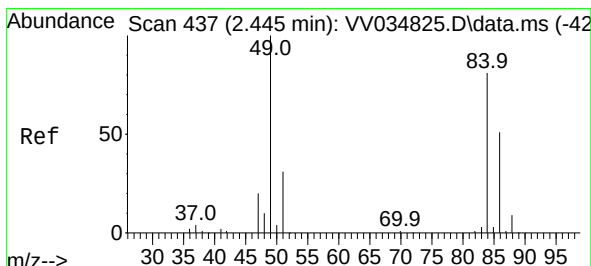
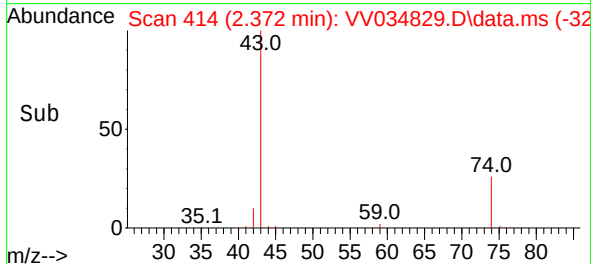
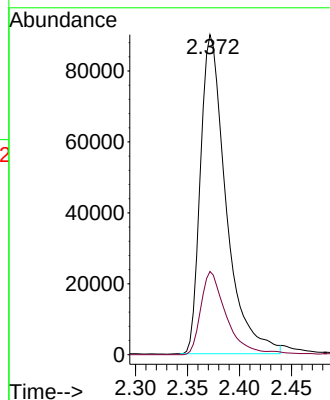
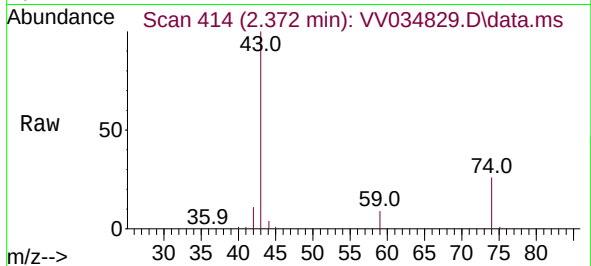




#15
Methyl Acetate
Concen: 45.560 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

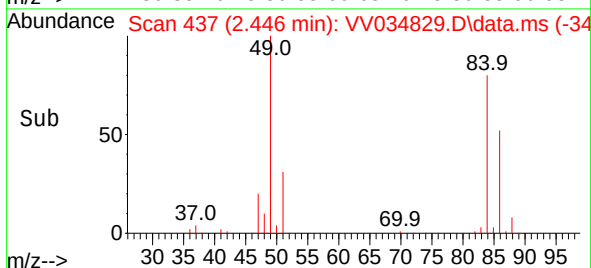
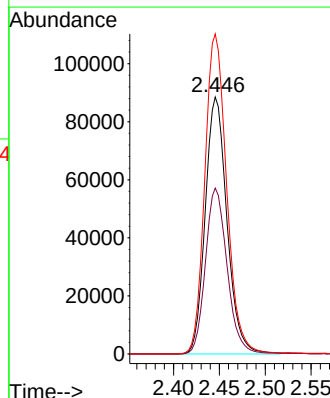
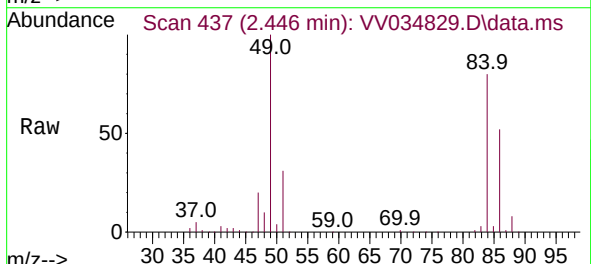
Instrument :
MSVOA_V
ClientSampleId :

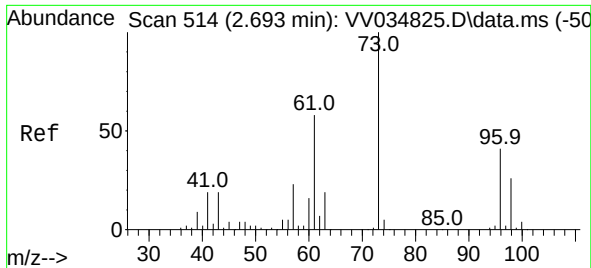
Tgt Ion: 43 Resp: 153973
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.8



#16
Methylene chloride
Concen: 43.946 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 84 Resp: 145746
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 124.5 86.9 161.3

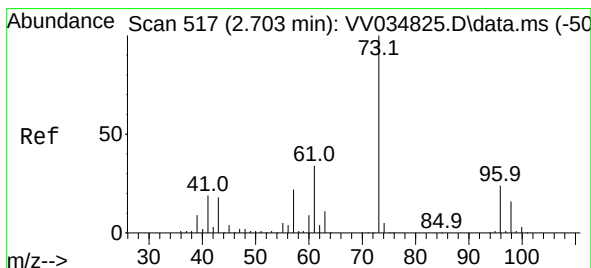
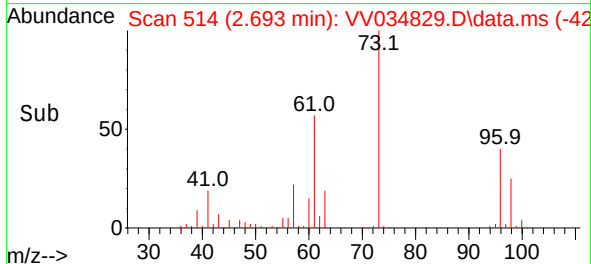
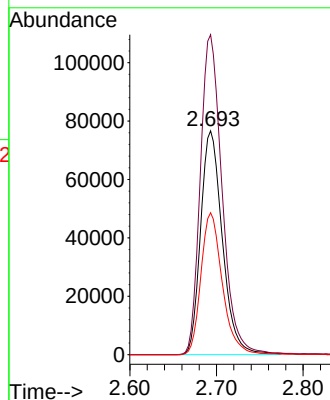
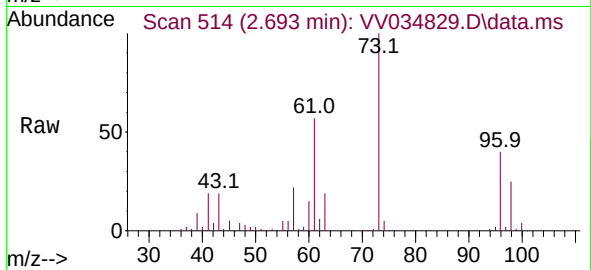




#17
trans-1,2-Dichloroethene
Concen: 45.251 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

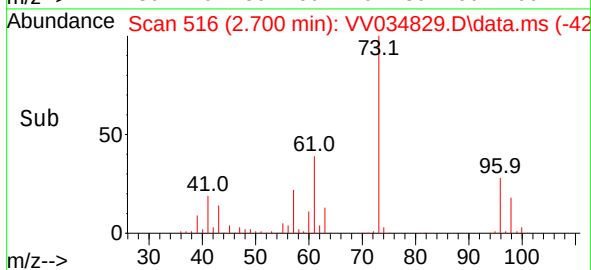
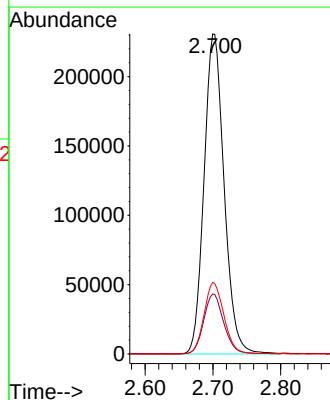
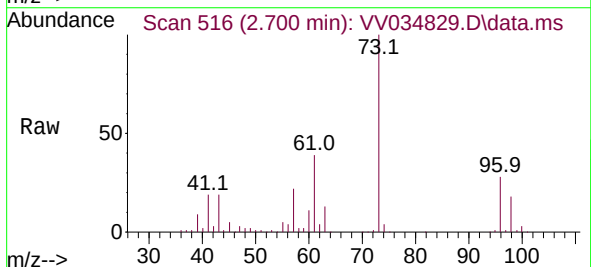
Instrument :
MSVOA_V
ClientSampleId :

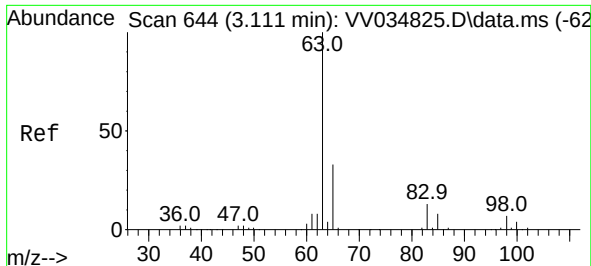
Tgt Ion: 96 Resp: 133909
Ion Ratio Lower Upper
96 100
61 143.0 99.0 183.8
98 63.4 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 45.668 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 73 Resp: 474676
Ion Ratio Lower Upper
73 100
43 18.5 14.6 21.8
57 22.1 17.6 26.4

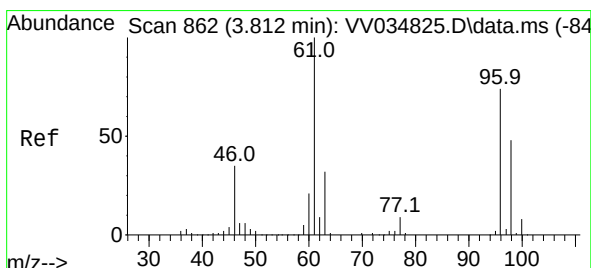
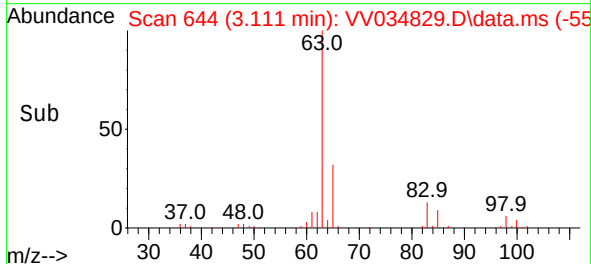
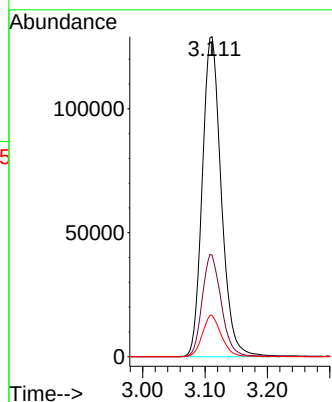
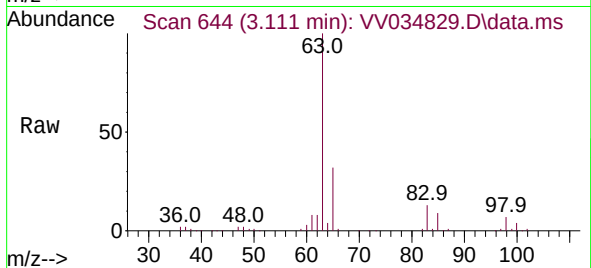




#19
1,1-Dichloroethane
Concen: 44.994 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

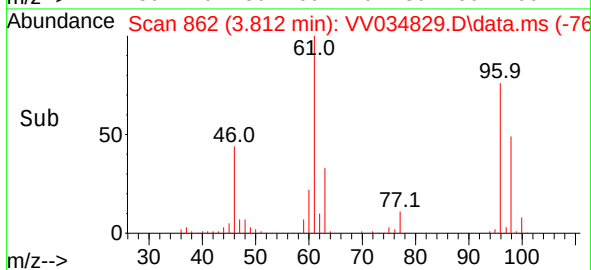
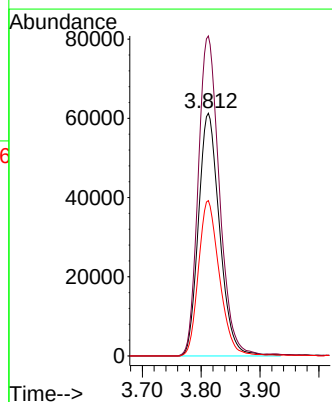
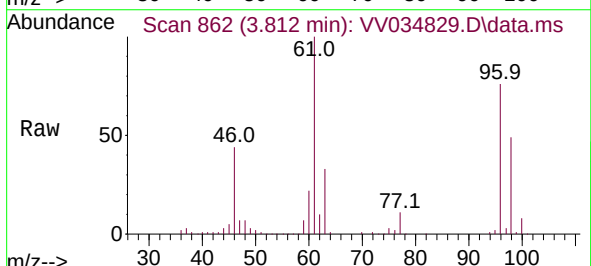
Instrument :
MSVOA_V
ClientSampleId :

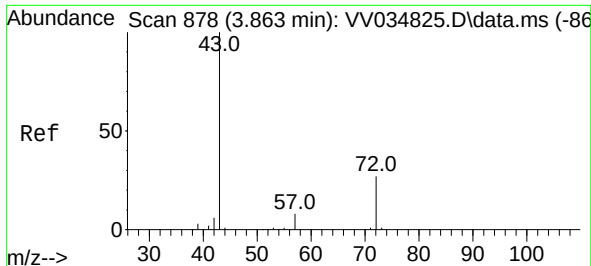
Tgt Ion: 63 Resp: 273044
Ion Ratio Lower Upper
63 100
65 31.7 23.0 42.6
83 12.9 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 45.597 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 96 Resp: 153222
Ion Ratio Lower Upper
96 100
61 131.8 94.9 176.3
98 64.0 45.6 84.8

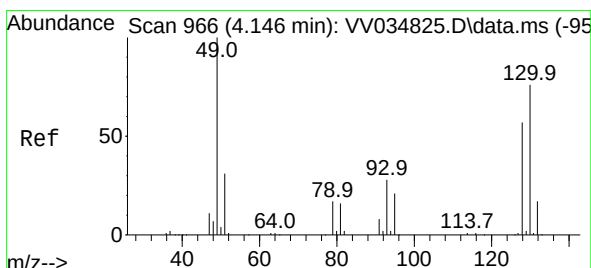
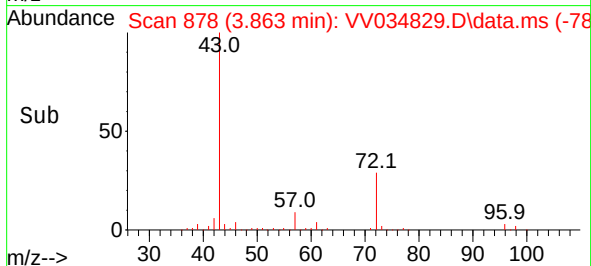
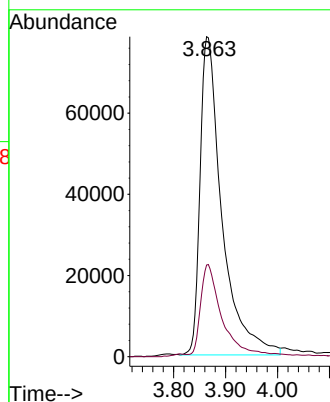
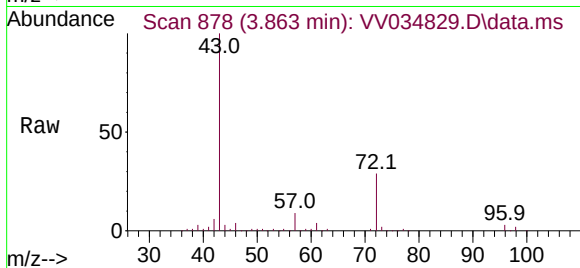




#22
2-Butanone
Concen: 92.099 ug/L
RT: 3.863 min Scan# 878
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

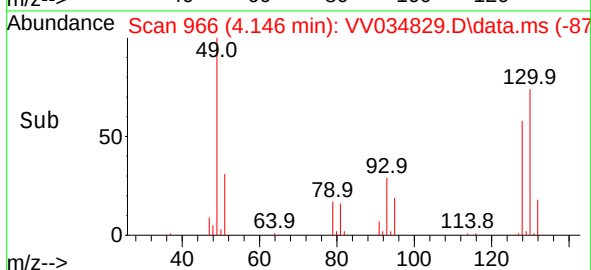
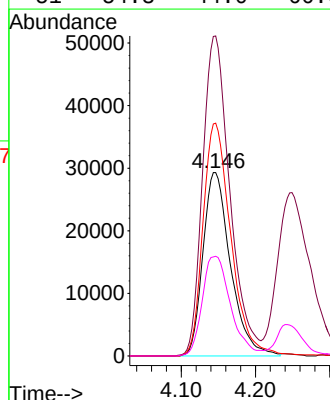
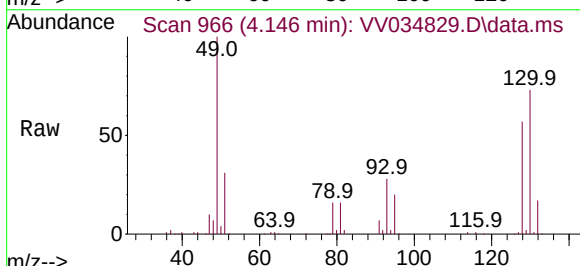
Instrument :
MSVOA_V
ClientSampleId :

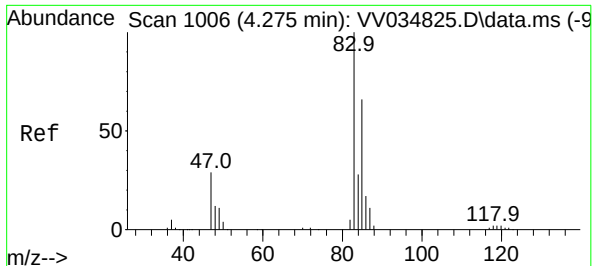
Tgt Ion: 43 Resp: 229194
Ion Ratio Lower Upper
43 100
72 26.3 13.2 39.6



#23
Bromochloromethane
Concen: 44.854 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 128 Resp: 75411
Ion Ratio Lower Upper
128 100
49 174.5 123.8 229.8
130 126.9 93.2 173.0
51 54.3 44.0 66.0





#25

Chloroform

Concen: 45.031 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

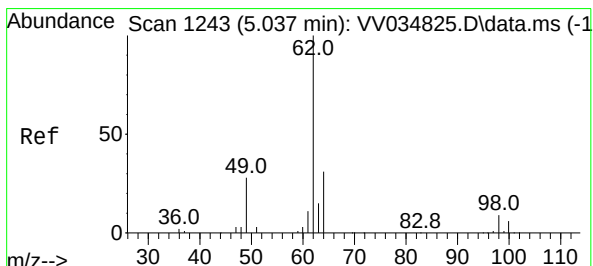
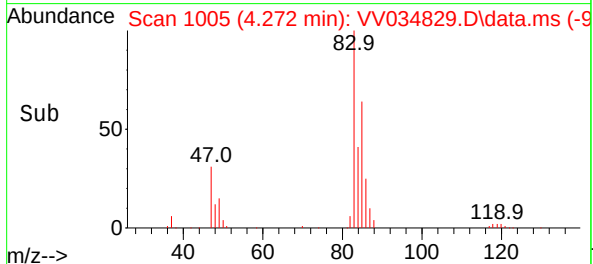
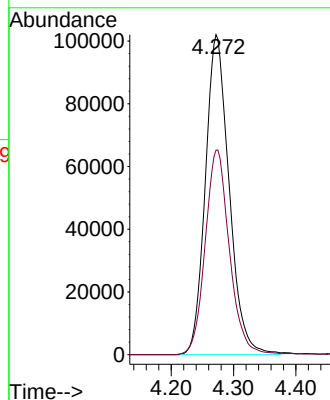
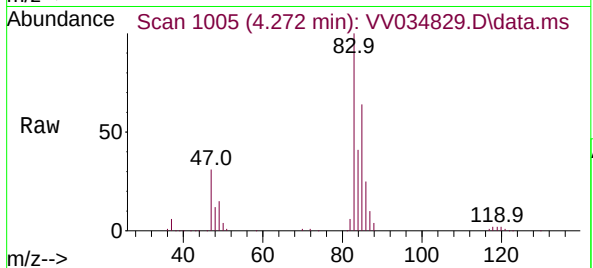
ClientSampleId :

Tgt Ion: 83 Resp: 270175

Ion Ratio Lower Upper

83 100

85 64.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 44.932 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034829.D

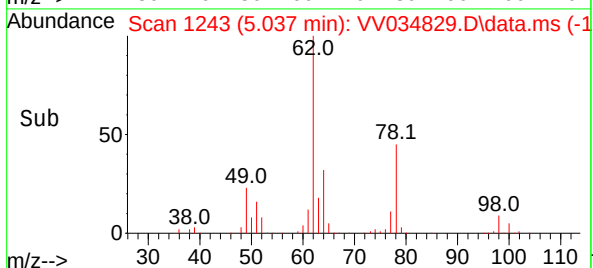
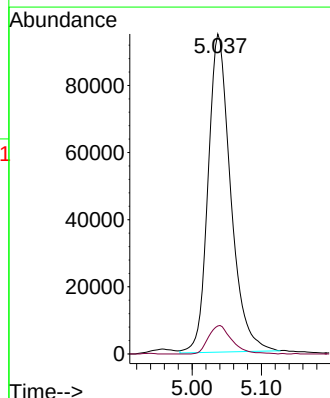
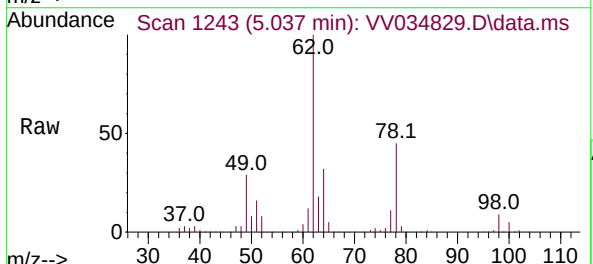
Acq: 26 Mar 2024 15:16

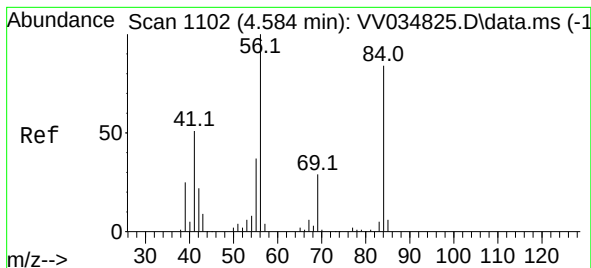
Tgt Ion: 62 Resp: 214640

Ion Ratio Lower Upper

62 100

98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 43.253 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

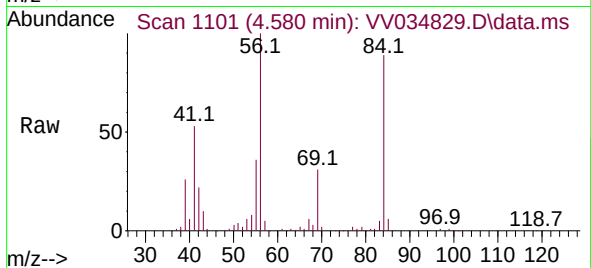
Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :



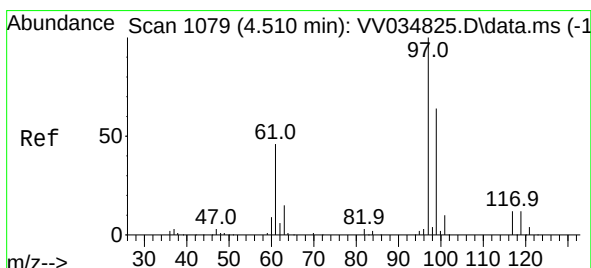
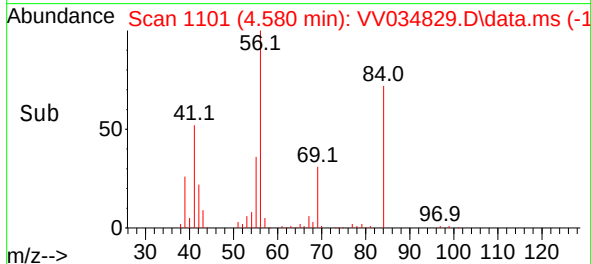
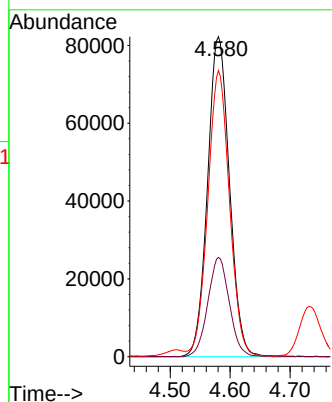
Tgt Ion: 56 Resp: 209057

Ion Ratio Lower Upper

56 100

69 30.5 24.2 36.2

84 88.4 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 45.315 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

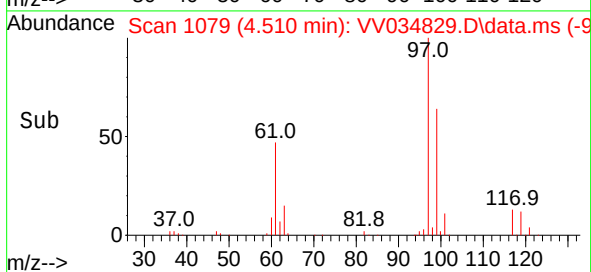
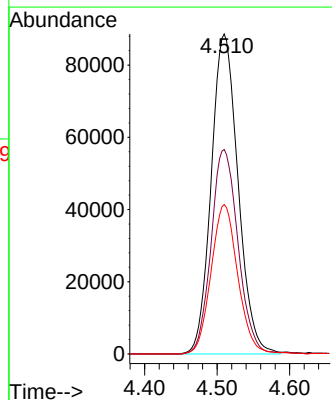
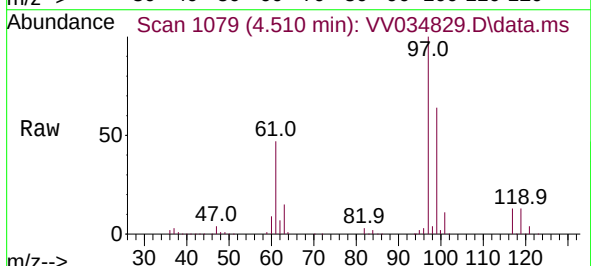
Tgt Ion: 97 Resp: 227943

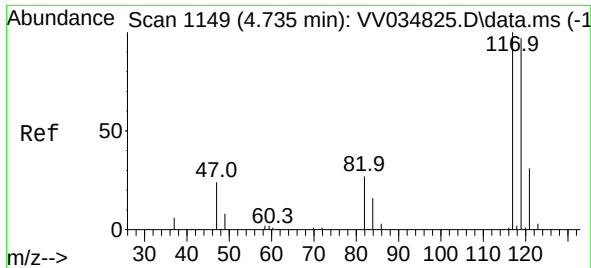
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.4 36.8 55.2

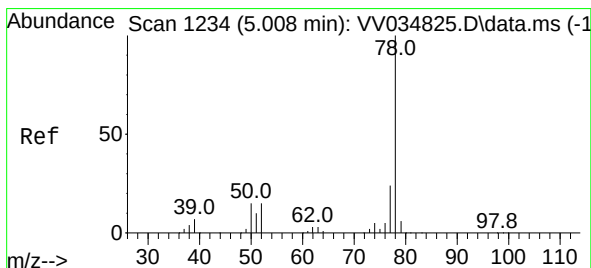
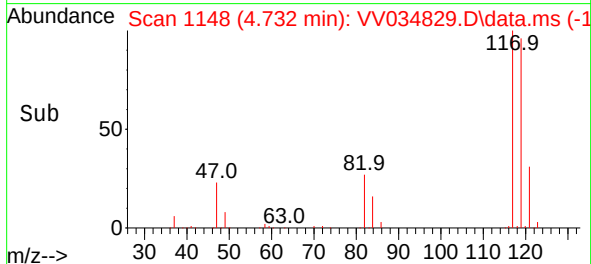
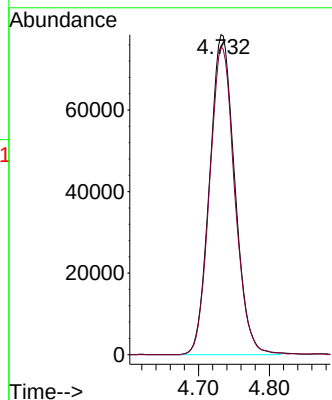
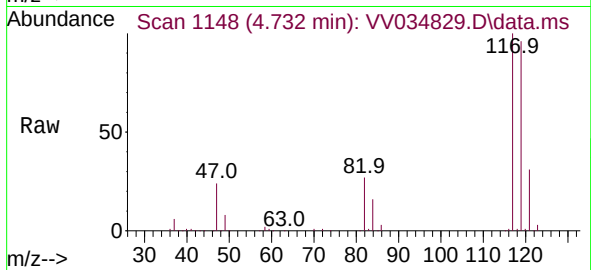




#31
Carbon tetrachloride
Concen: 45.483 ug/L
RT: 4.732 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

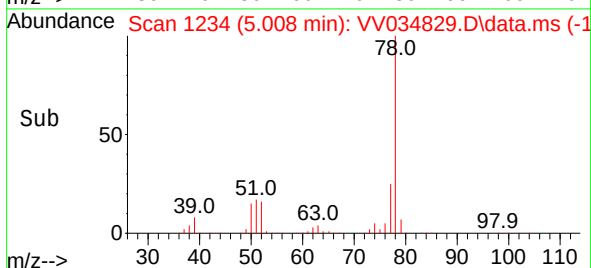
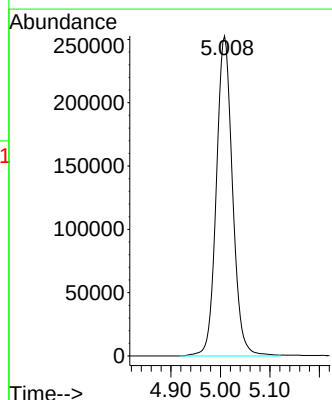
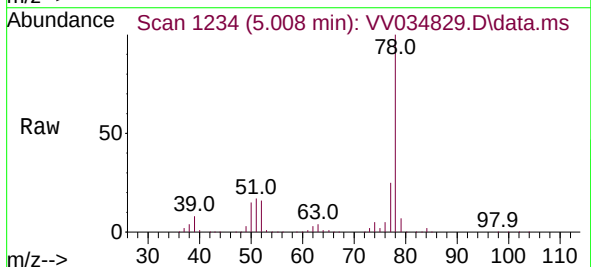
Instrument :
MSVOA_V
ClientSampleId :

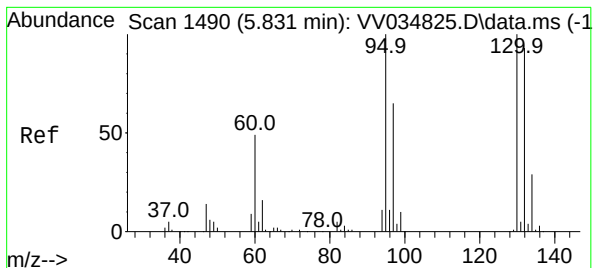
Tgt Ion:117 Resp: 193916
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7



#33
Benzene
Concen: 45.616 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 78 Resp: 574017





#34

Trichloroethene

Concen: 44.718 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 151863

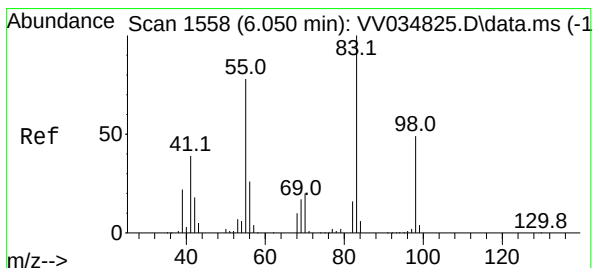
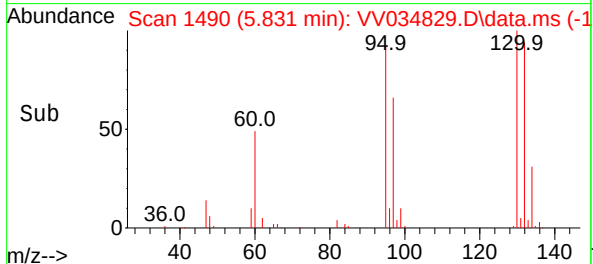
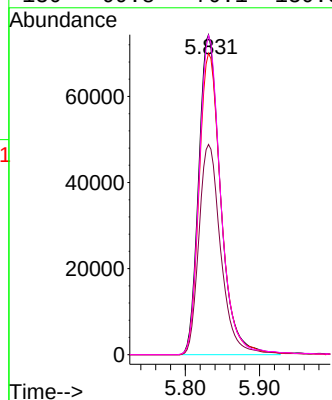
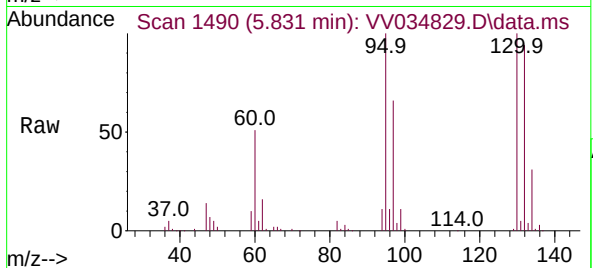
Ion Ratio Lower Upper

95 100

97 65.7 45.3 84.1

132 94.2 65.3 121.3

130 99.8 70.1 130.3



#35

Methylcyclohexane

Concen: 42.926 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

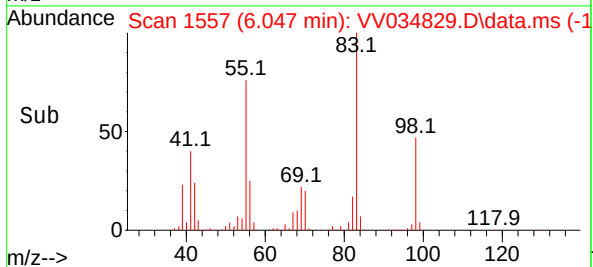
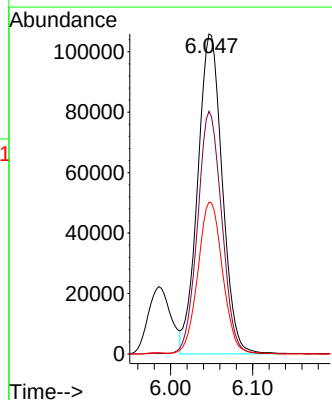
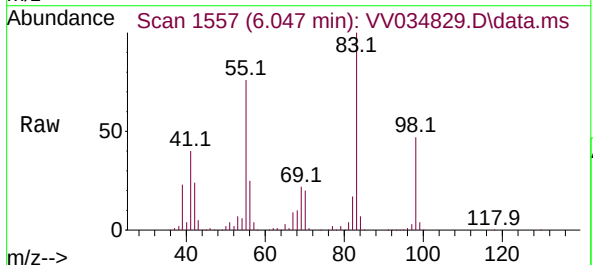
Tgt Ion: 83 Resp: 220157

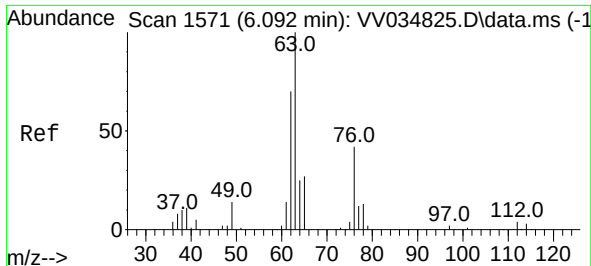
Ion Ratio Lower Upper

83 100

55 74.6 60.0 90.0

98 47.9 37.6 56.4





#37

1,2-Dichloropropane

Concen: 45.702 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

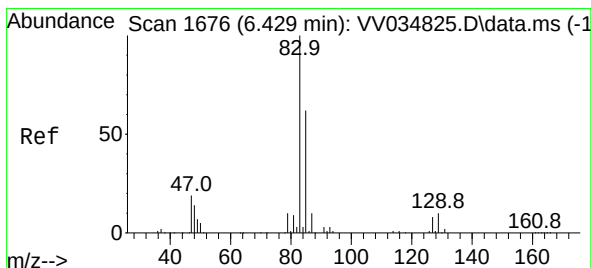
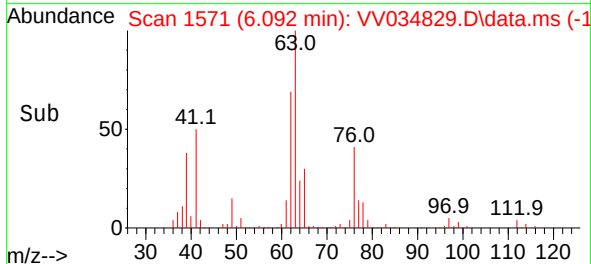
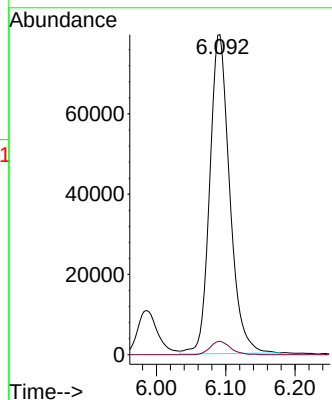
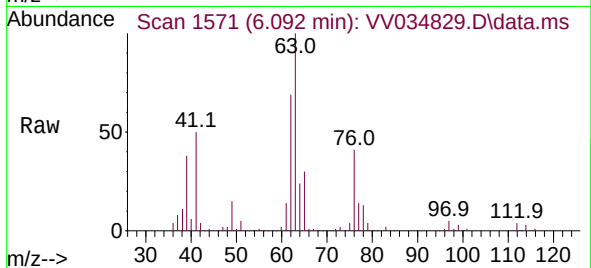
ClientSampleId :

Tgt Ion: 63 Resp: 158930

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 45.134 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

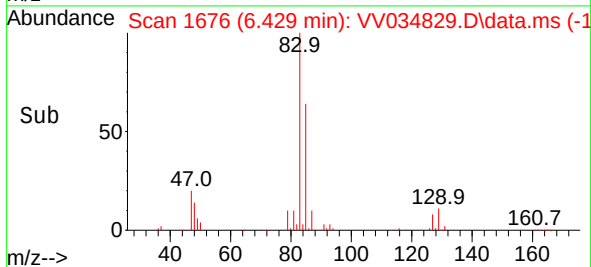
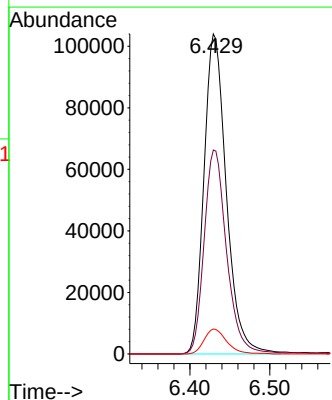
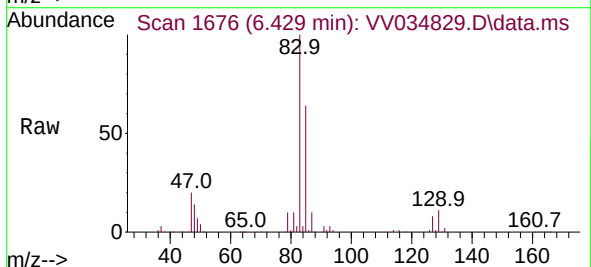
Tgt Ion: 83 Resp: 202509

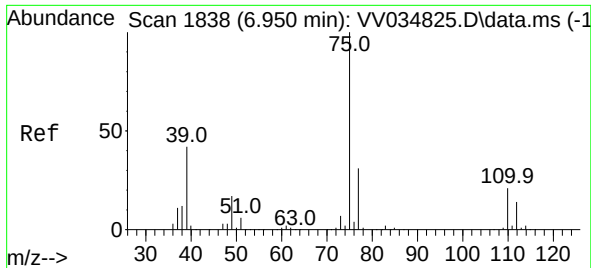
Ion Ratio Lower Upper

83 100

85 63.7 43.7 81.1

127 7.8 6.4 9.6

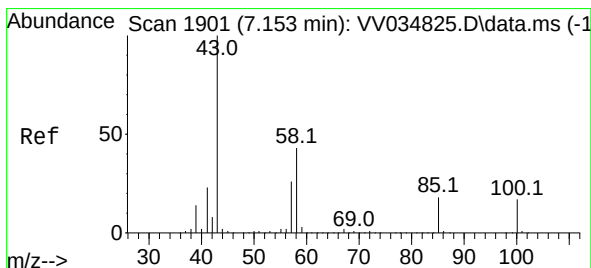
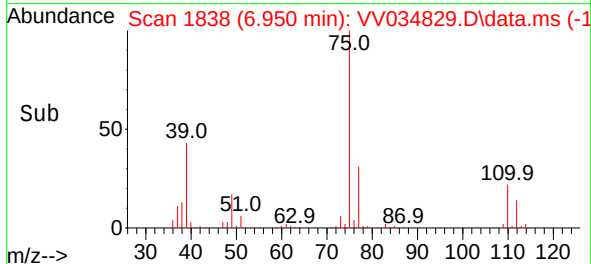
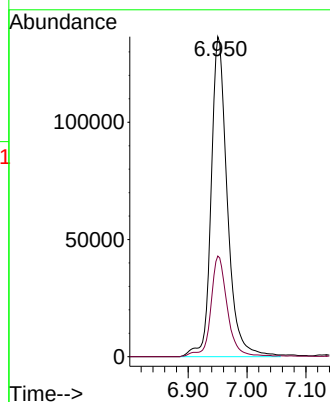
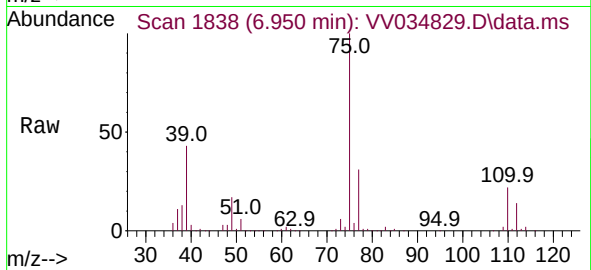




#39
 cis-1,3-Dichloropropene
 Concen: 47.687 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV034829.D
 Acq: 26 Mar 2024 15:16

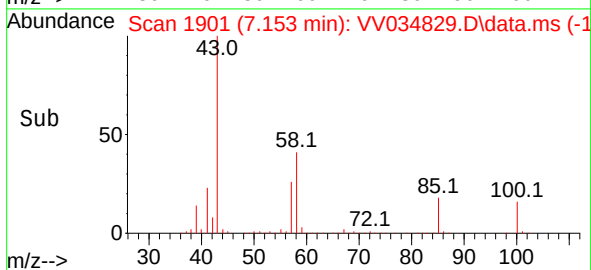
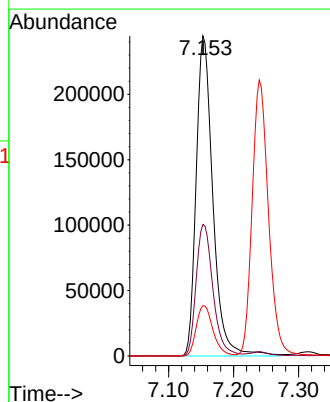
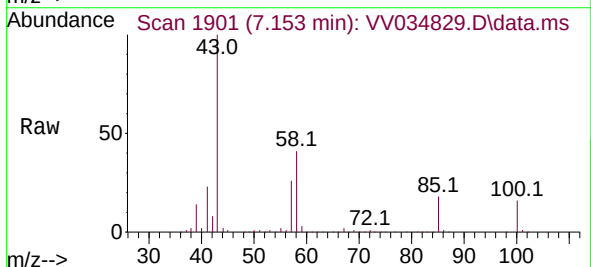
Instrument :
 MSVOA_V
 ClientSampleId :

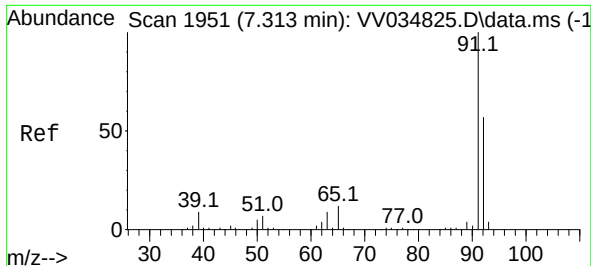
Tgt Ion: 75 Resp: 261237
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 98.685 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV034829.D
 Acq: 26 Mar 2024 15:16

Tgt Ion: 43 Resp: 438160
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.8 50.8
 100 15.8 13.0 19.4





#42

Toluene

Concen: 46.184 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

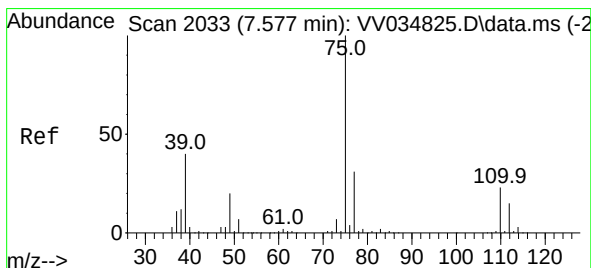
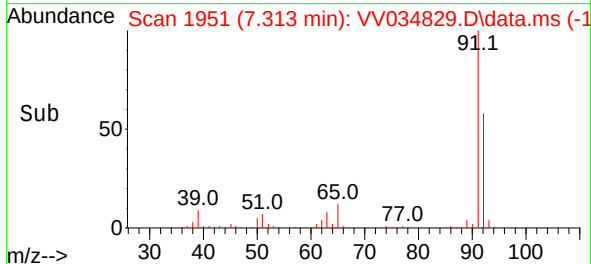
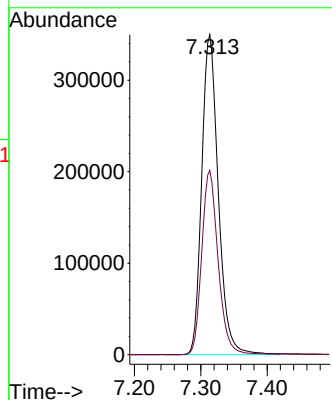
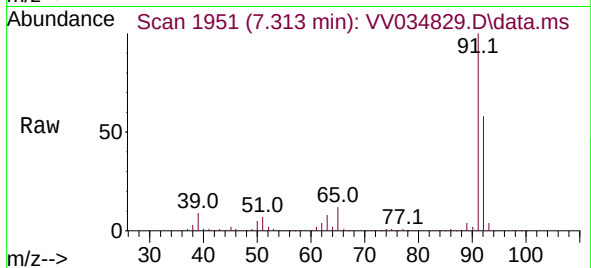
ClientSampleId :

Tgt Ion: 91 Resp: 608443

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 47.971 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034829.D

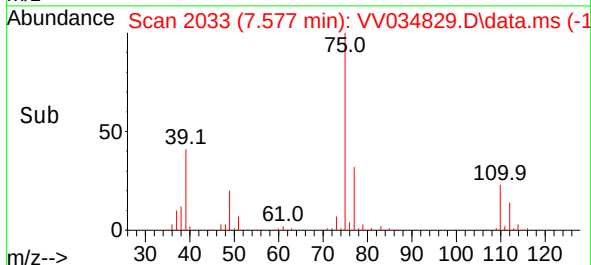
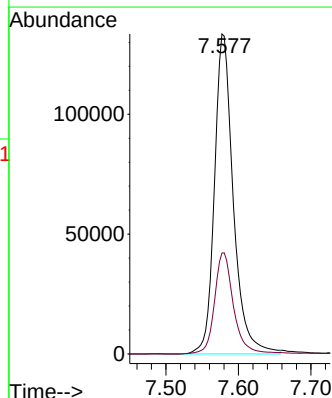
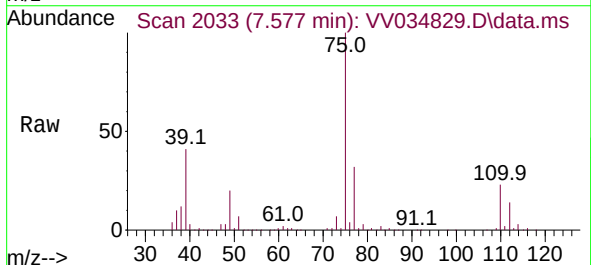
Acq: 26 Mar 2024 15:16

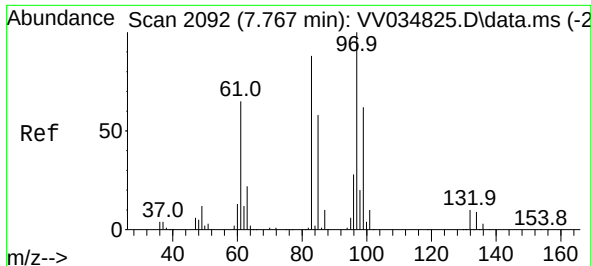
Tgt Ion: 75 Resp: 241434

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

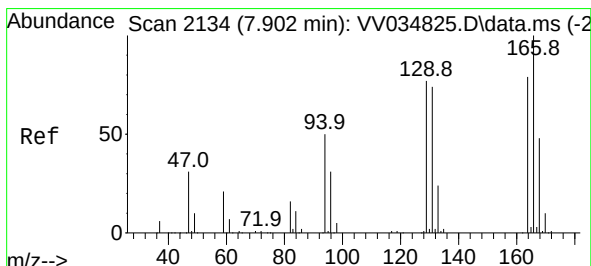
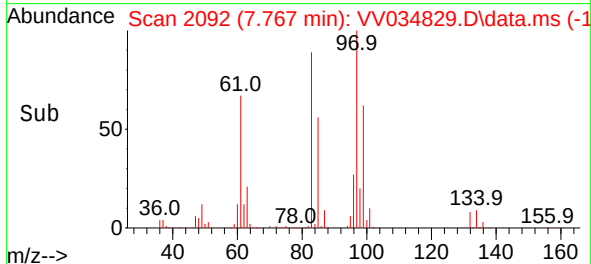
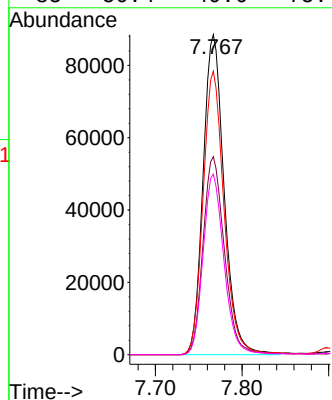
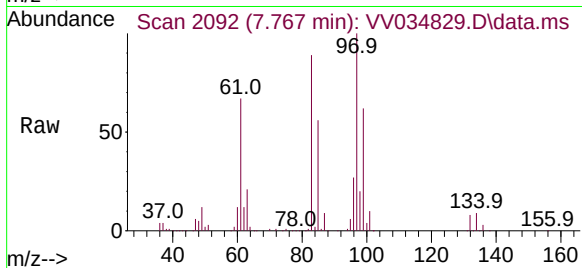




#45
1,1,2-Trichloroethane
Concen: 45.636 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

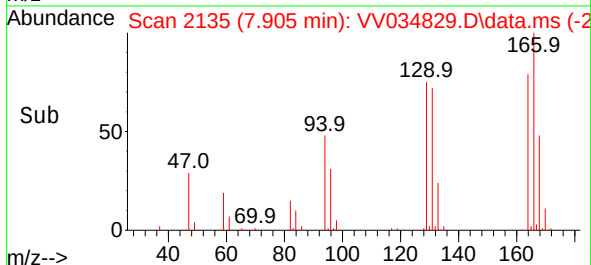
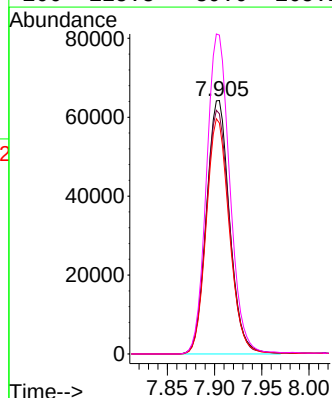
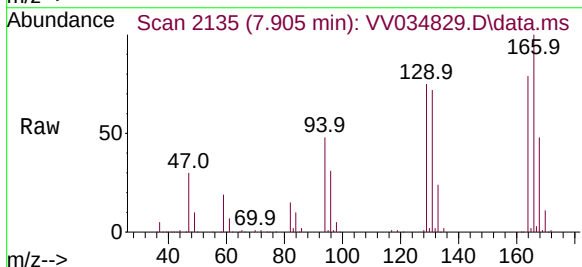
Instrument :
MSVOA_V
ClientSampleId :

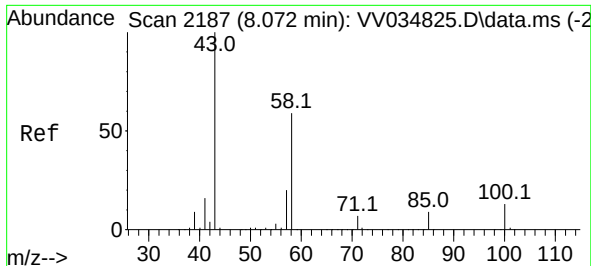
Tgt Ion:	97	Resp:	149582
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	88.6	61.6	114.4
85	56.4	40.6	75.4



#46
Tetrachloroethene
Concen: 46.293 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion:	164	Resp:	109834
Ion	Ratio	Lower	Upper
164	100		
129	94.7	68.6	127.4
131	91.1	65.7	122.1
166	125.8	89.0	165.2





#48

2-Hexanone

Concen: 93.593 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 353432

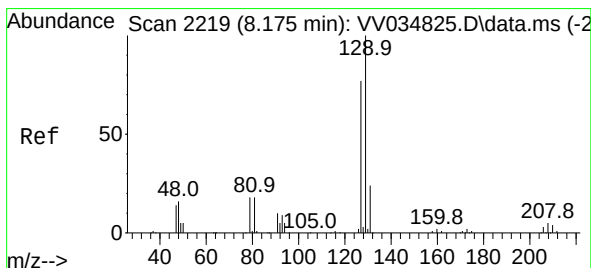
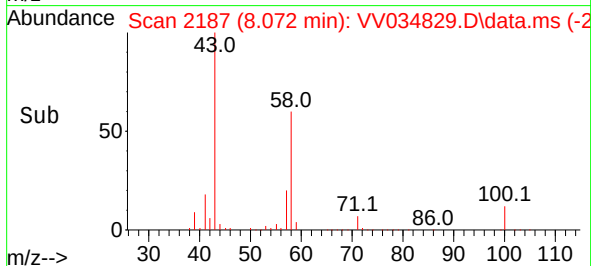
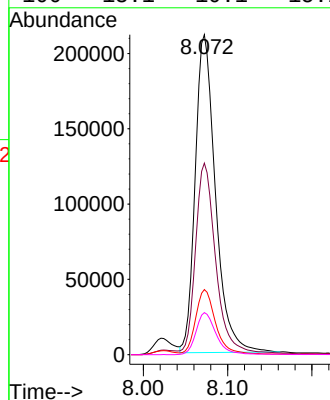
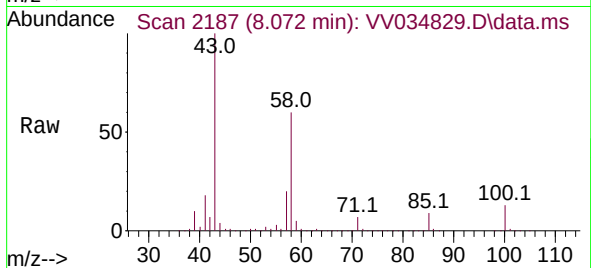
Ion Ratio Lower Upper

43 100

58 60.4 45.4 68.2

57 20.4 16.2 24.4

100 13.1 10.1 15.1



#49

Dibromochloromethane

Concen: 45.039 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034829.D

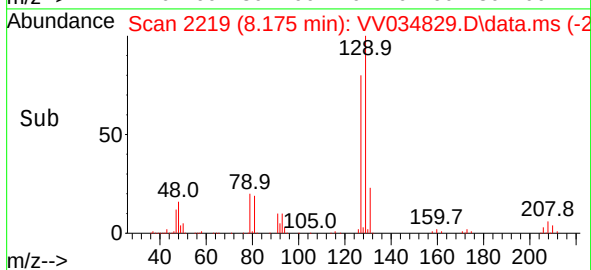
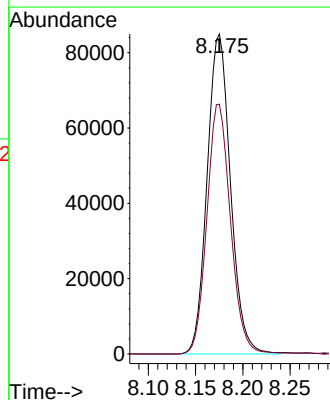
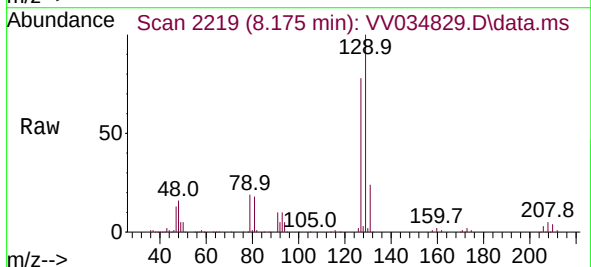
Acq: 26 Mar 2024 15:16

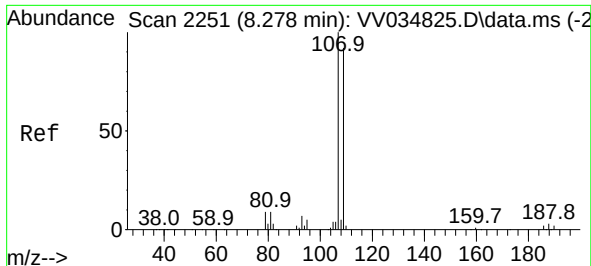
Tgt Ion:129 Resp: 146212

Ion Ratio Lower Upper

129 100

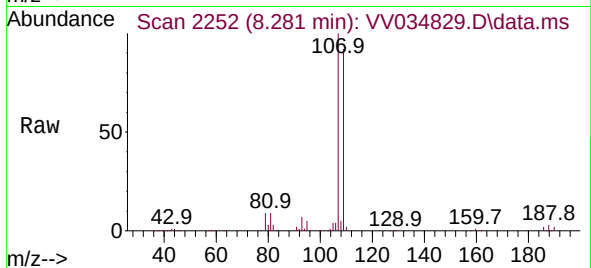
127 78.1 54.1 100.5



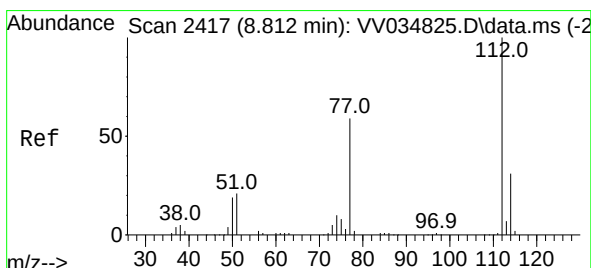
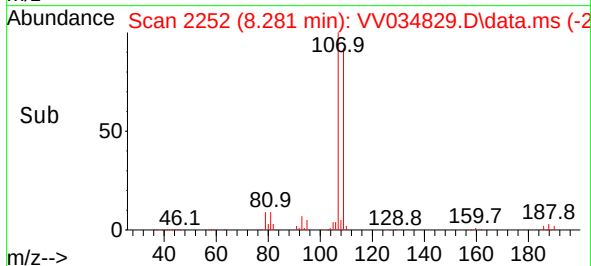
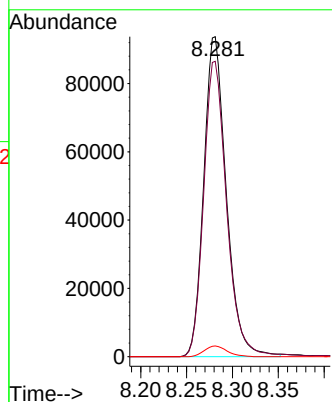


#50
1,2-Dibromoethane
Concen: 45.468 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Instrument :
MSVOA_V
ClientSampleId :

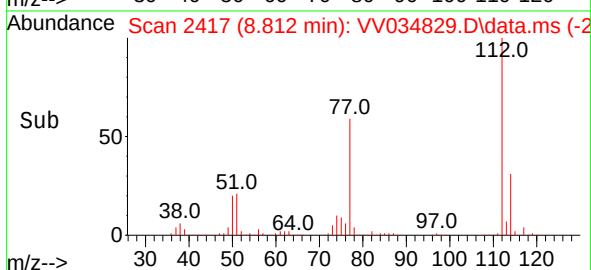
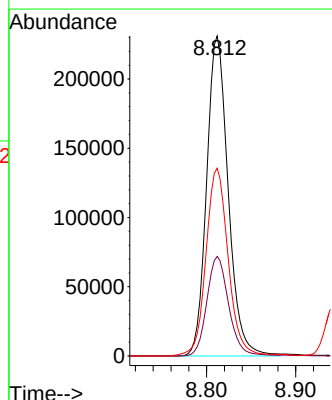
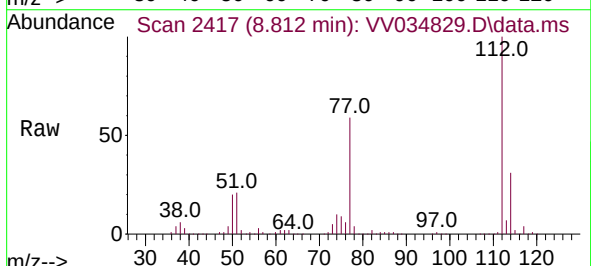


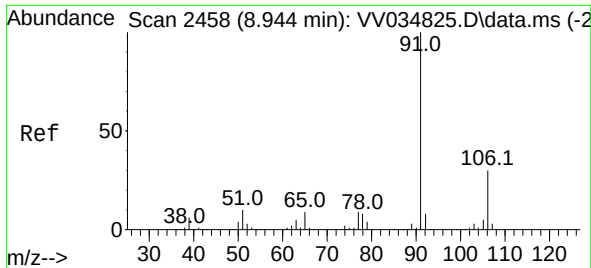
Tgt Ion:107 Resp: 160450
Ion Ratio Lower Upper
107 100
109 92.3 64.5 119.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 45.497 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion:112 Resp: 388474
Ion Ratio Lower Upper
112 100
114 31.1 22.0 41.0
77 58.7 47.4 71.2

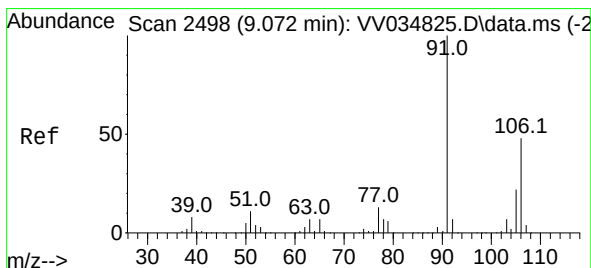
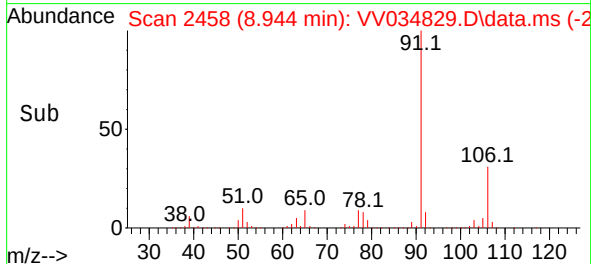
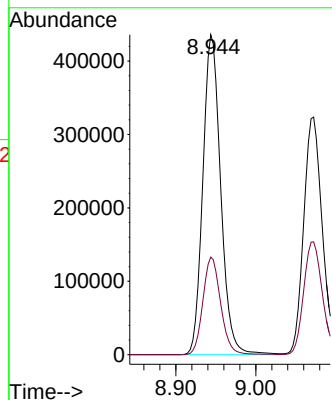
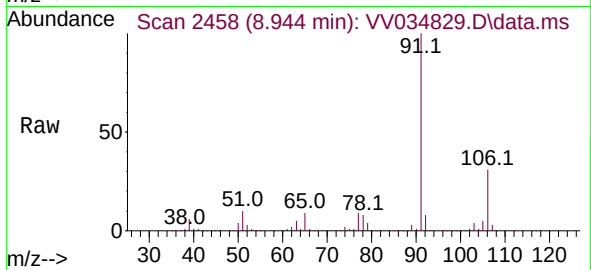




#52
Ethylbenzene
Concen: 46.455 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

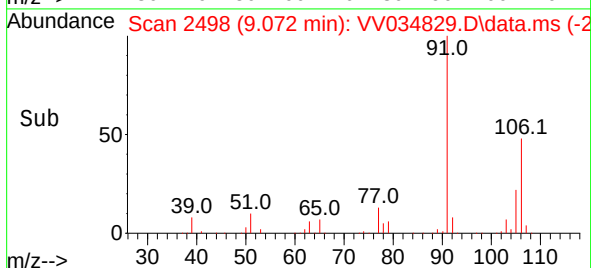
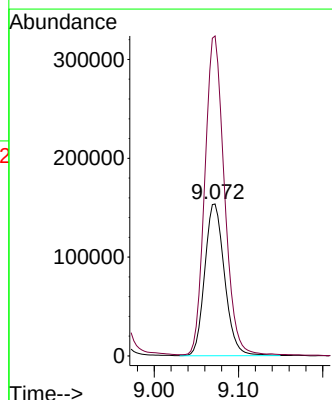
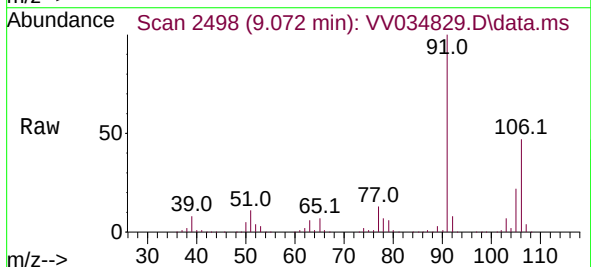
Instrument :
MSVOA_V
ClientSampleId :

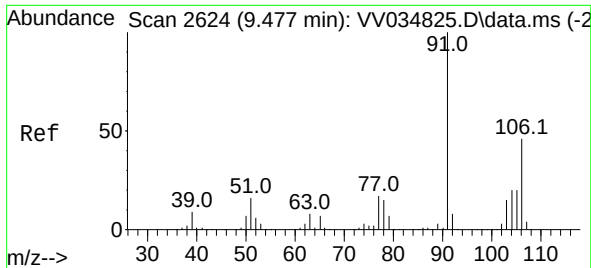
Tgt Ion: 91 Resp: 678288
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 46.788 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 106 Resp: 251576
Ion Ratio Lower Upper
106 100
91 210.6 144.8 269.0

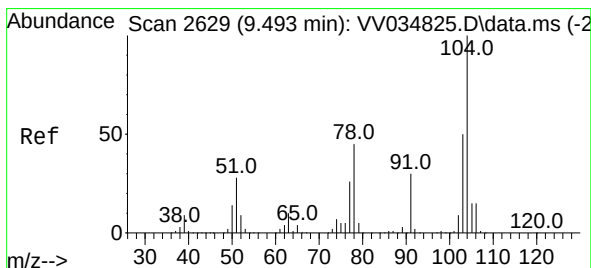
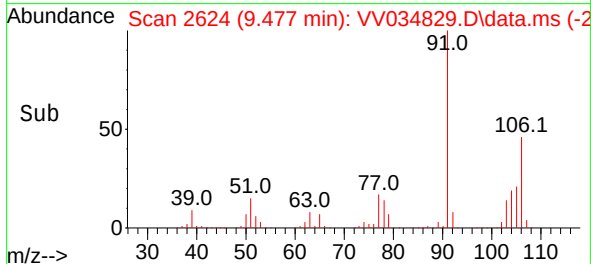
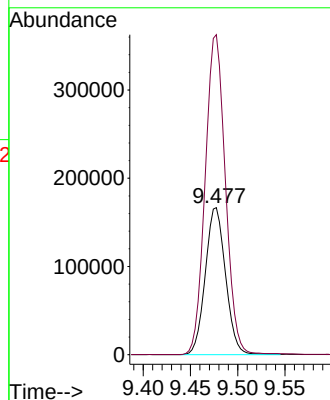
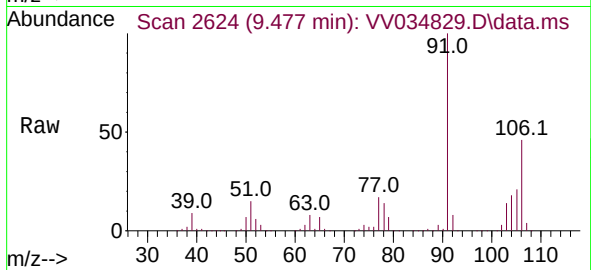




#54
o-Xylene
Concen: 46.799 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

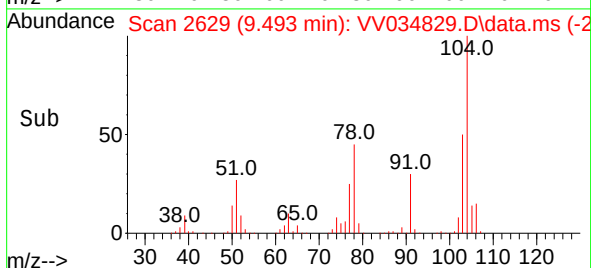
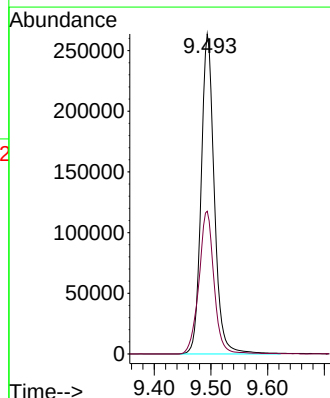
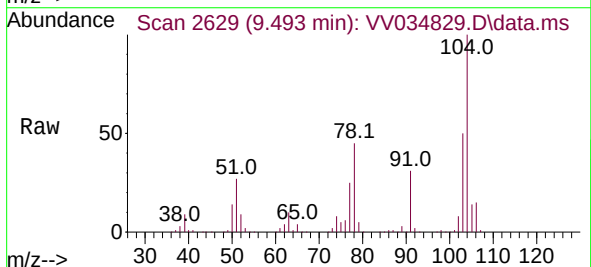
Instrument :
MSVOA_V
ClientSampleId :

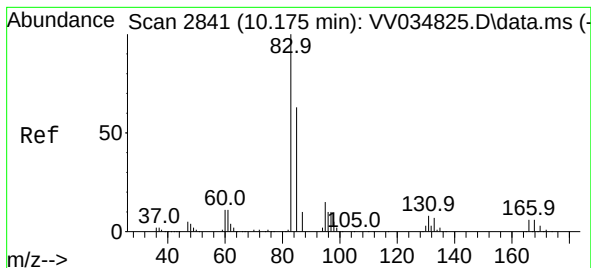
Tgt Ion:106 Resp: 248977
Ion Ratio Lower Upper
106 100
91 217.7 151.3 280.9



#55
Styrene
Concen: 47.467 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion:104 Resp: 426754
Ion Ratio Lower Upper
104 100
78 44.6 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 46.136 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

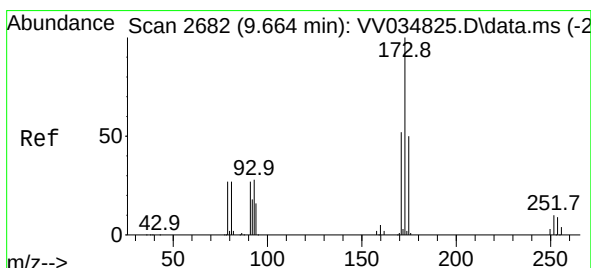
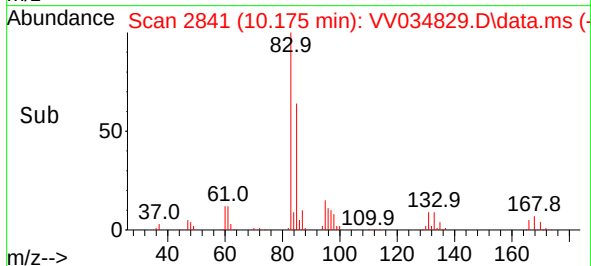
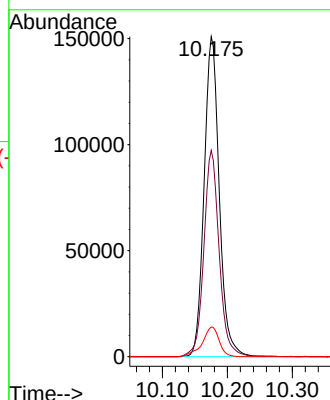
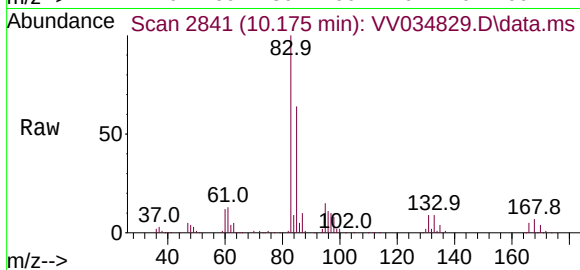
Tgt Ion: 83 Resp: 245012

Ion Ratio Lower Upper

83 100

85 64.4 44.5 82.7

131 9.3 6.9 10.3



#59

Bromoform

Concen: 45.815 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

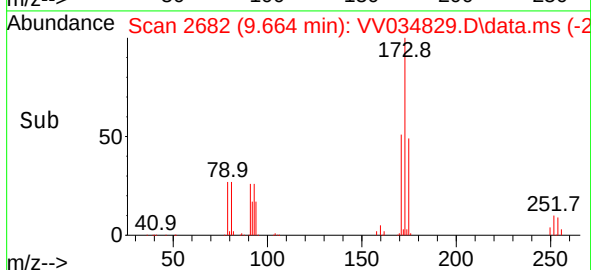
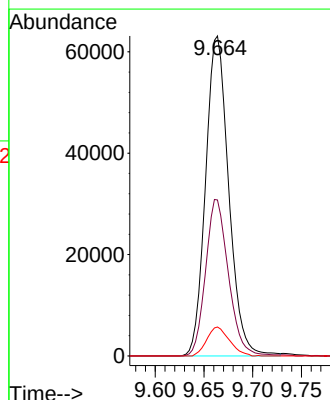
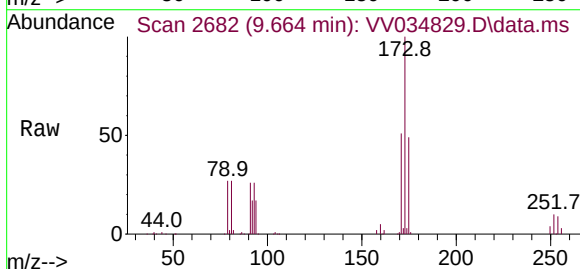
Tgt Ion: 173 Resp: 104411

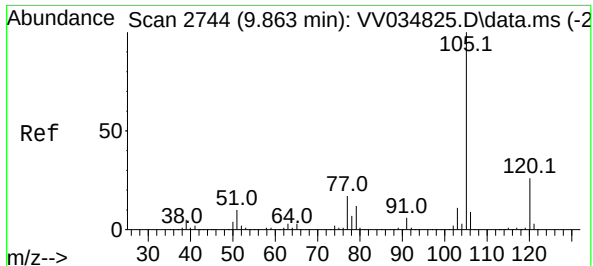
Ion Ratio Lower Upper

173 100

175 48.3 39.3 58.9

254 8.8 7.5 11.3

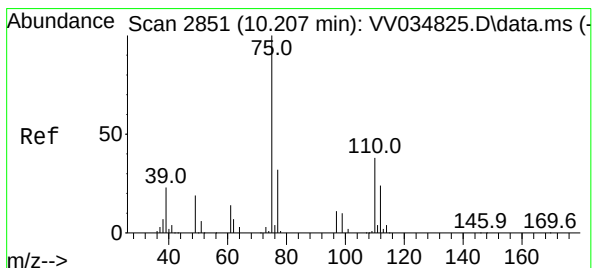
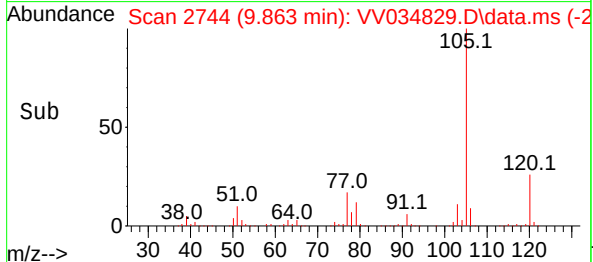
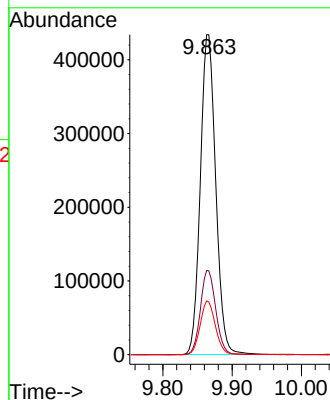
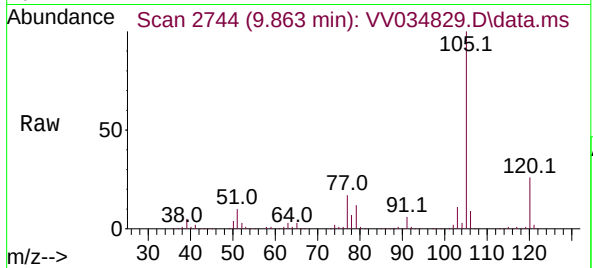




#60
Isopropylbenzene
Concen: 46.710 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

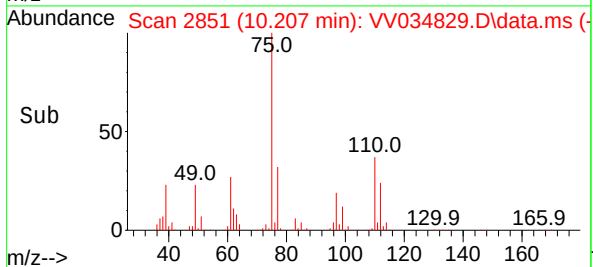
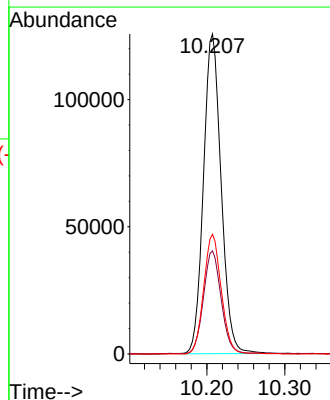
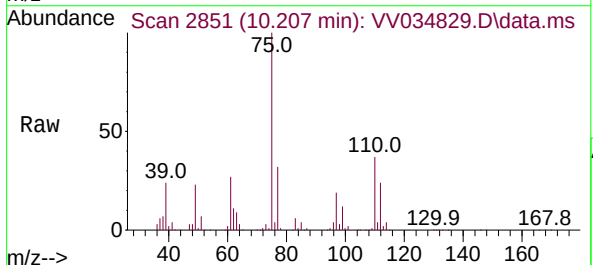
Instrument :
MSVOA_V
ClientSampleId :

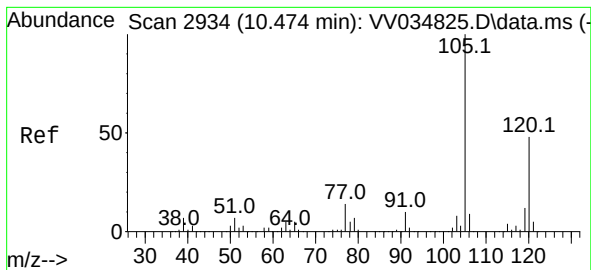
Tgt Ion:105 Resp: 669672
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.6 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 45.931 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion: 75 Resp: 197930
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 37.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 47.955 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

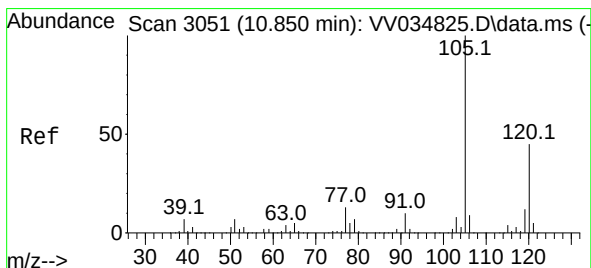
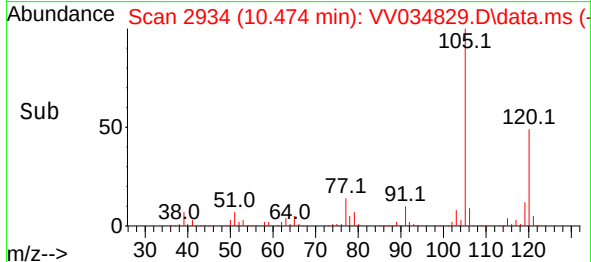
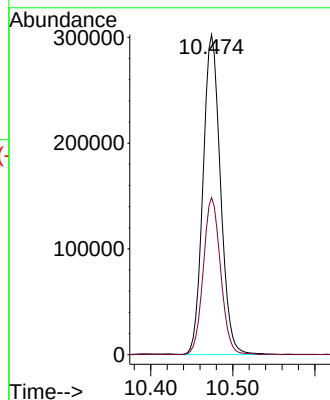
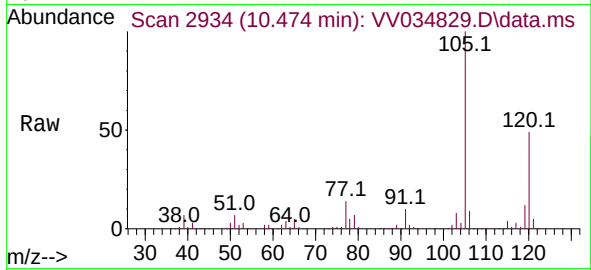
ClientSampleId :

Tgt Ion:105 Resp: 446503

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 47.927 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034829.D

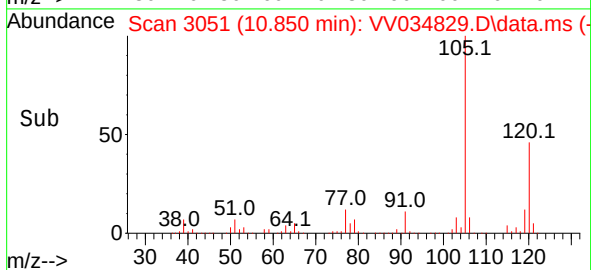
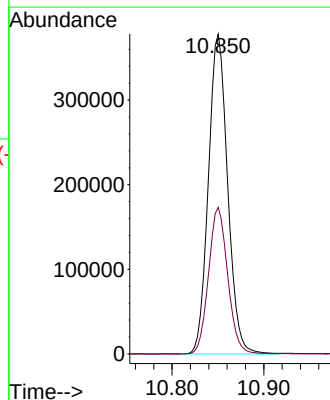
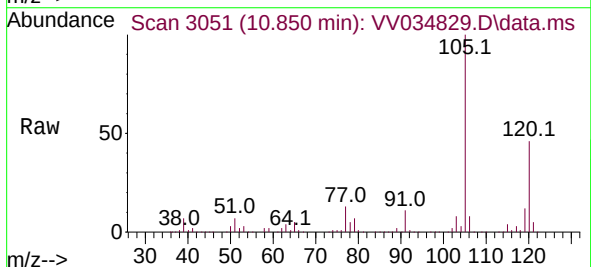
Acq: 26 Mar 2024 15:16

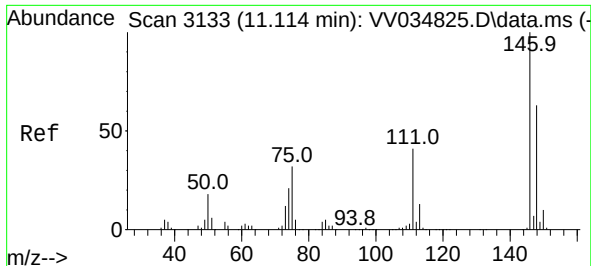
Tgt Ion:105 Resp: 551724

Ion Ratio Lower Upper

105 100

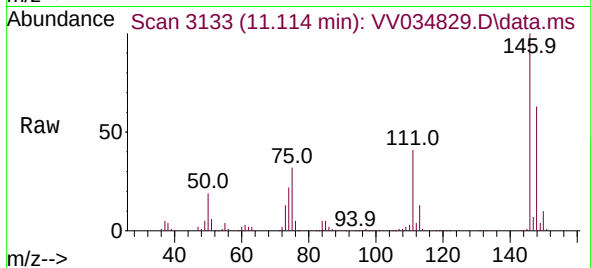
120 45.7 35.9 53.9



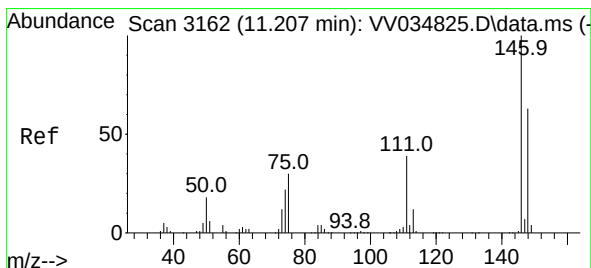
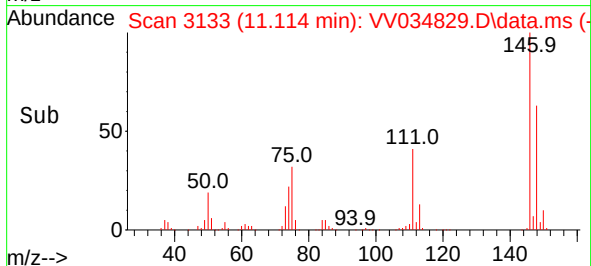
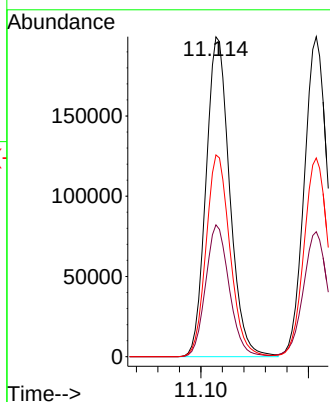


#64
1,3-Dichlorobenzene
Concen: 45.474 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Instrument :
MSVOA_V
ClientSampleId :

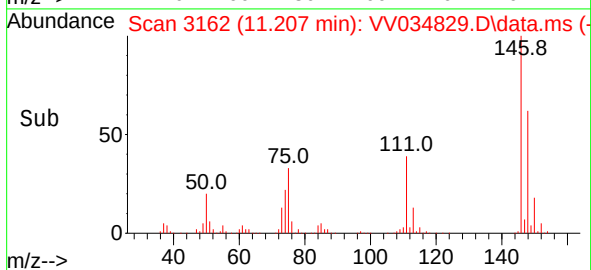
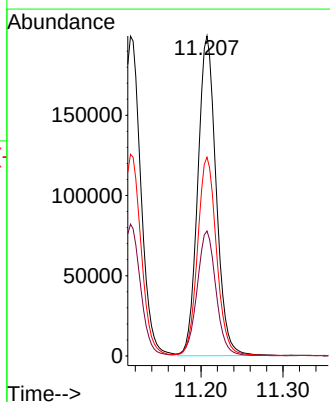
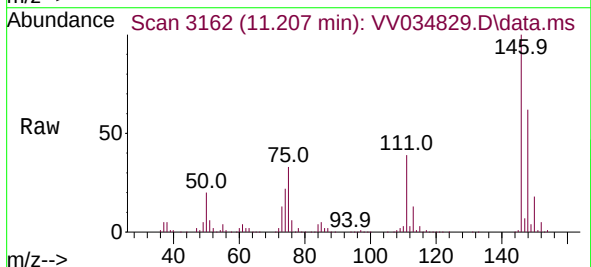


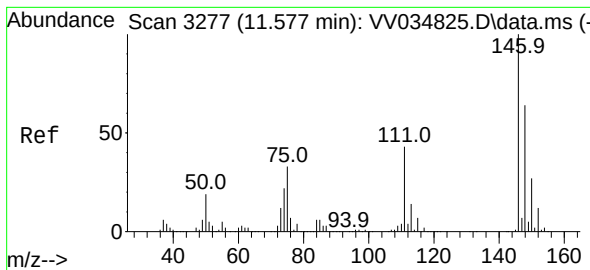
Tgt Ion:146 Resp: 304669
Ion Ratio Lower Upper
146 100
111 41.2 28.7 53.3
148 63.1 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 45.472 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034829.D
Acq: 26 Mar 2024 15:16

Tgt Ion:146 Resp: 309809
Ion Ratio Lower Upper
146 100
111 39.1 27.4 50.8
148 62.1 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 45.862 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

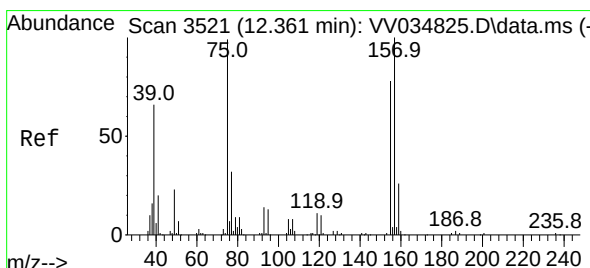
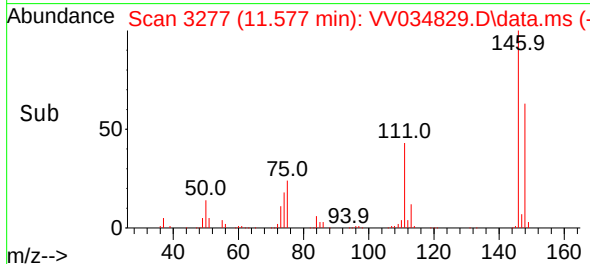
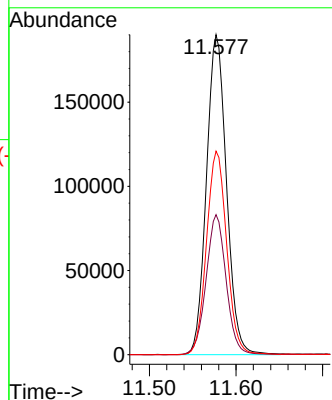
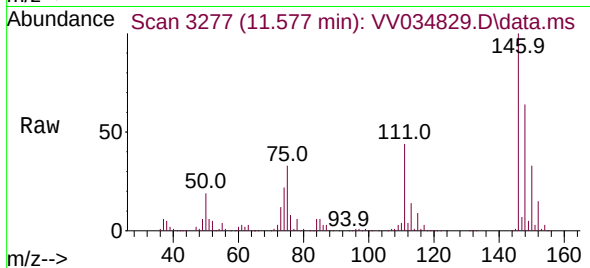
Tgt Ion:146 Resp: 306089

Ion Ratio Lower Upper

146 100

111 43.8 34.6 52.0

148 63.6 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.947 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

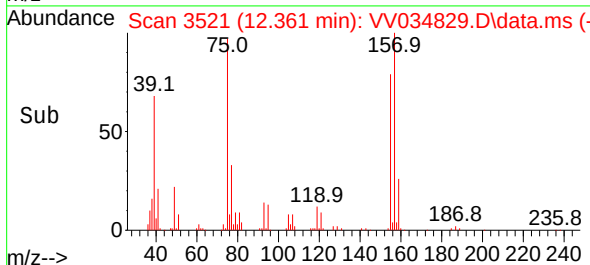
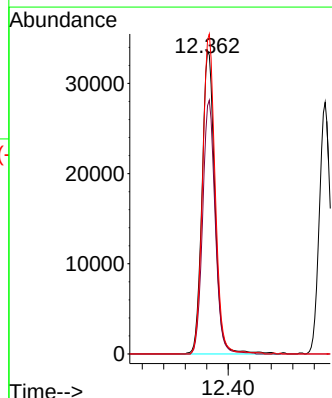
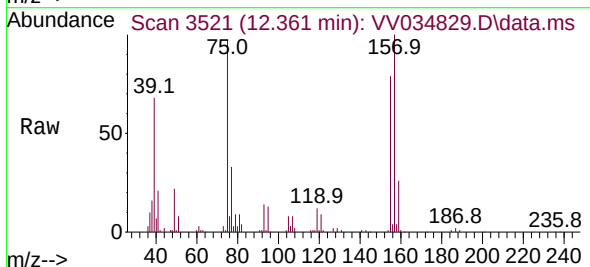
Tgt Ion: 75 Resp: 55736

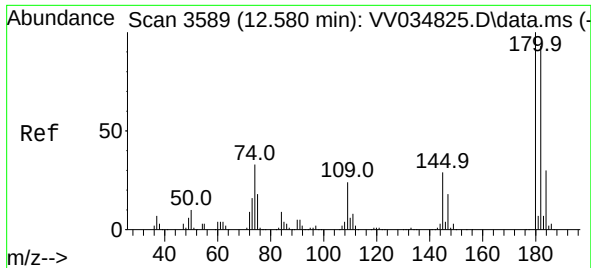
Ion Ratio Lower Upper

75 100

155 81.9 63.0 94.6

157 103.6 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 46.364 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

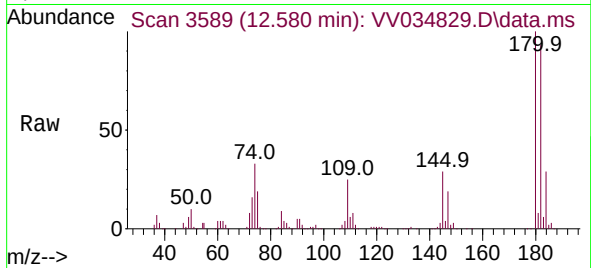
Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 223873

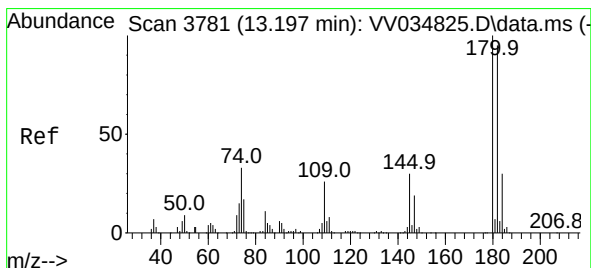
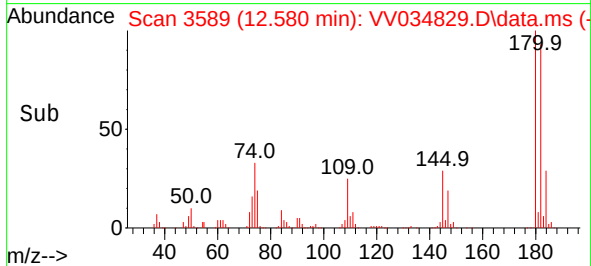
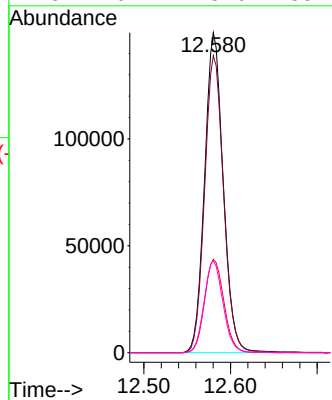
Ion Ratio Lower Upper

180 100

182 94.0 74.7 112.1

184 30.1 24.0 36.0

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 47.387 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

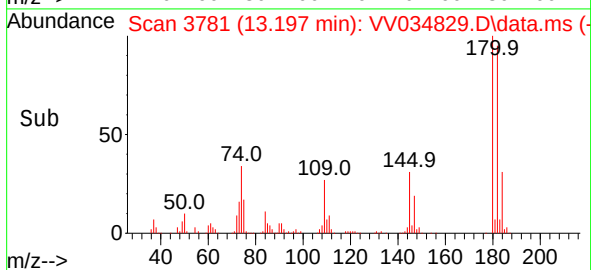
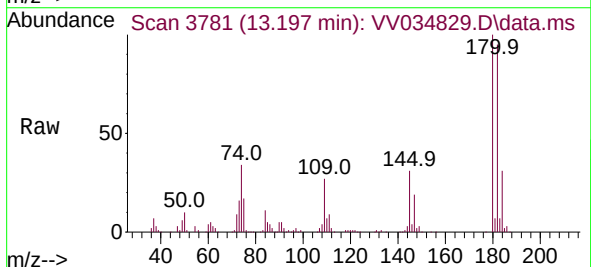
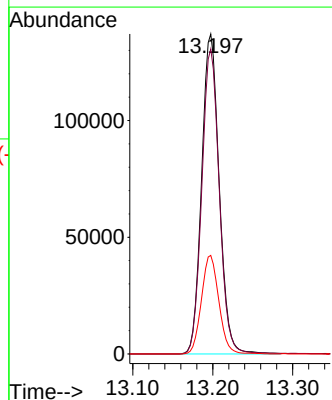
Tgt Ion:180 Resp: 210181

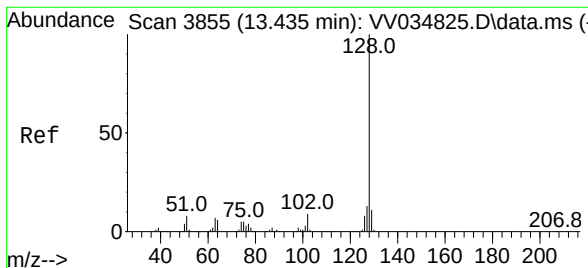
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

145 30.4 24.1 36.1





#71

Naphthalene

Concen: 54.607 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

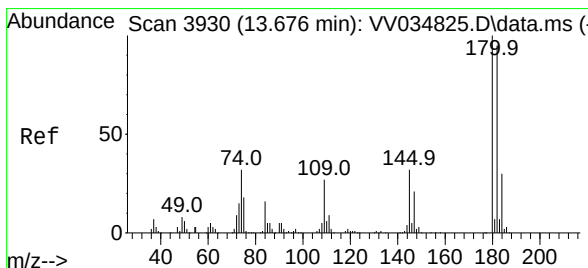
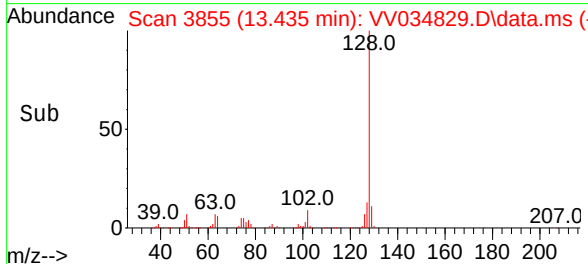
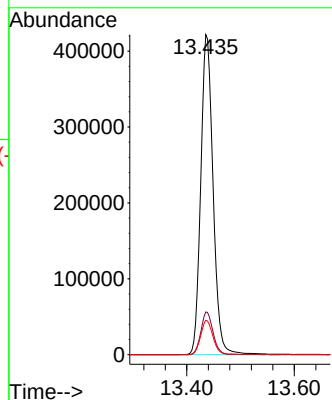
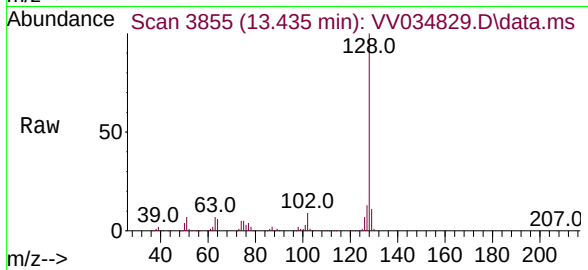
Tgt Ion:128 Resp: 671964

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 48.576 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV034829.D

Acq: 26 Mar 2024 15:16

Tgt Ion:180 Resp: 212378

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

145 31.9 25.8 38.6

