

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022422\
 Data File : VW024813.D
 Acq On : 24 Feb 2022 10:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	203571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87430	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77352	4.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.568	69	62163	4.388	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.800%	
11) 1,1-Dichloroethene-d2	2.111	63	137615	4.349	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	3.895	46	117541	47.658	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.320%	
24) Chloroform-d	4.342	84	127411	4.729	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.030	65	53351	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
32) Benzene-d6	5.047	84	253804	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
36) 1,2-Dichloropropane-d6	6.066	67	76059	4.777	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.310	98	230056	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.619	79	25850	4.873	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.400%	
46) 2-Hexanone-d5	8.085	63	91436	43.809	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43685	4.552	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68643	4.537	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	98754	4.975	ug/L	99
3) Chloromethane	1.243	50	99177	5.002	ug/L	98
5) Vinyl chloride	1.310	62	104096	4.782	ug/L	97
6) Bromomethane	1.523	94	65009	5.000	ug/L	97
8) Chloroethane	1.587	64	65307	4.871	ug/L	98
9) Trichlorofluoromethane	1.754	101	140572	4.919	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	81367	4.904	ug/L	99
12) 1,1-Dichloroethene	2.117	96	76595	4.831	ug/L	98
13) Acetone	2.195	43	96008	55.200	ug/L	97
14) Carbon disulfide	2.294	76	225087	5.059	ug/L	99
15) Methyl Acetate	2.439	43	24735	5.432	ug/L	97
16) Methylene chloride	2.506	84	83308	5.337	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	169385	5.435	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	82566	5.333	ug/L	98
19) 1,1-Dichloroethane	3.188	63	153319	5.408	ug/L	99
21) 2-Butanone	3.976	43	155432	57.830	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	88771	5.424	ug/L	96
23) Bromochloromethane	4.243	128	34390	5.436	ug/L	95
25) Chloroform	4.371	83	157543	5.319	ug/L	99

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:18:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
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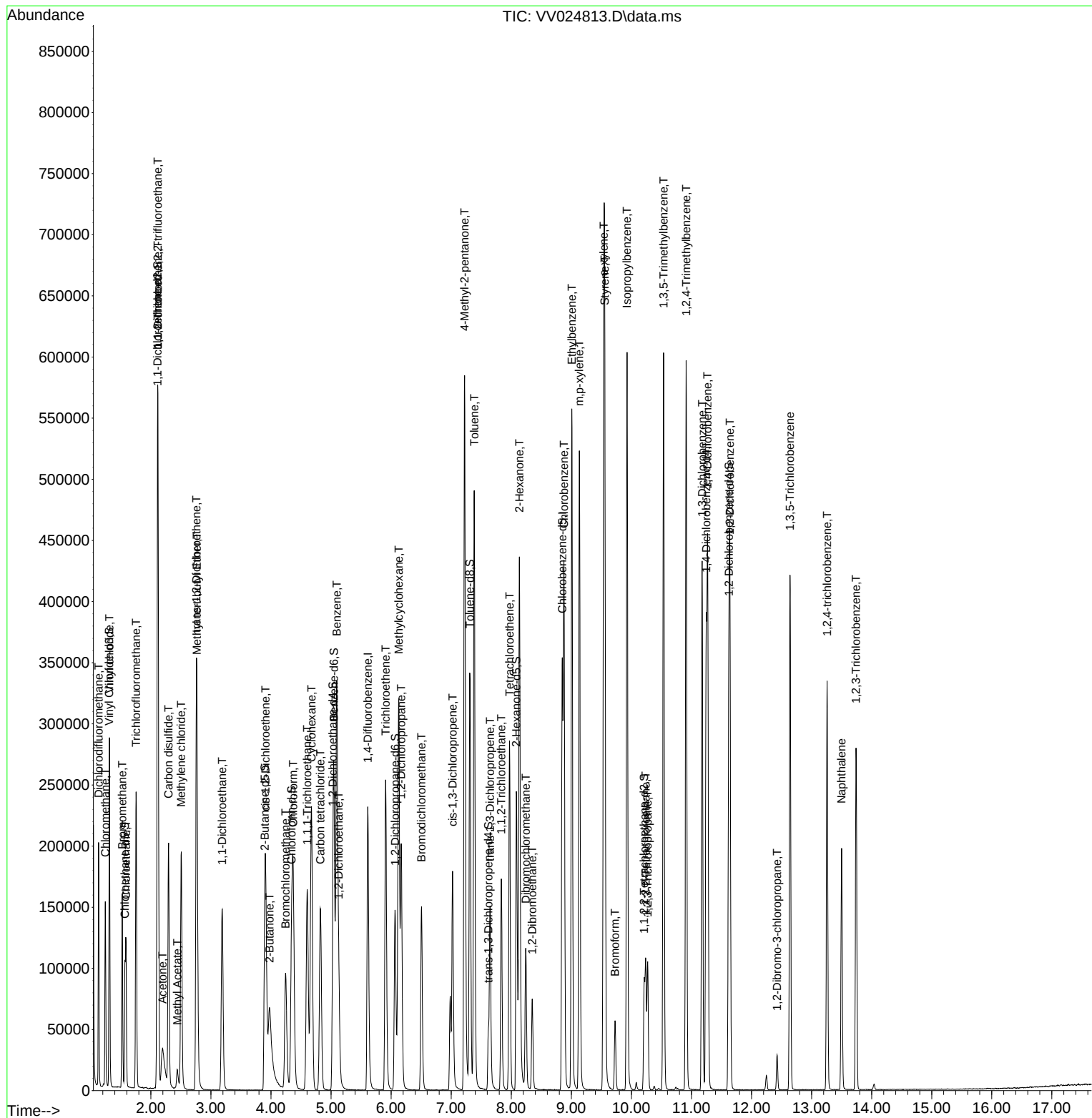
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	81600	5.162	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	135606	5.387	ug/L	99
30) Cyclohexane	4.674	56	126910	4.971	ug/L	97
31) Carbon tetrachloride	4.821	117	112434	5.313	ug/L	99
33) Benzene	5.095	78	342523	5.394	ug/L	100
34) Trichloroethene	5.908	95	91544	5.442	ug/L	94
35) Methylcyclohexane	6.127	83	140173	5.158	ug/L	99
37) 1,2-Dichloropropane	6.169	63	83857	5.589	ug/L	99
38) Bromodichloromethane	6.506	83	102659	5.436	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	113203	5.440	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	394928	55.341	ug/L	99
42) Toluene	7.384	91	362633	5.364	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	88548	5.326	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	54634	5.598	ug/L	99
47) Tetrachloroethene	7.972	164	59927	5.232	ug/L	98
48) 2-Hexanone	8.136	43	278405	55.487	ug/L	98
49) Dibromochloromethane	8.243	129	59000	5.448	ug/L	98
50) 1,2-Dibromoethane	8.349	107	50297	5.648	ug/L	100
51) Chlorobenzene	8.879	112	223763	5.291	ug/L	99
52) Ethylbenzene	9.008	91	390211	5.289	ug/L	99
53) m,p-xylene	9.133	106	150231	5.386	ug/L	100
54) o-xylene	9.538	106	142690	5.235	ug/L	99
55) Styrene	9.558	104	244992	5.526	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	53008	5.135	ug/L	98
59) Bromoform	9.728	173	24560	5.549	ug/L	97
60) Isopropylbenzene	9.927	105	390943	5.406	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	43162	5.447	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	324121	5.376	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	324942	5.430	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	166901	5.472	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	164211	5.391	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	148209	5.509	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7301	5.389	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	116558	5.389	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	90537	5.314	ug/L	98
71) Naphthalene	13.500	128	154041	5.316	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	77655	5.445	ug/L	99

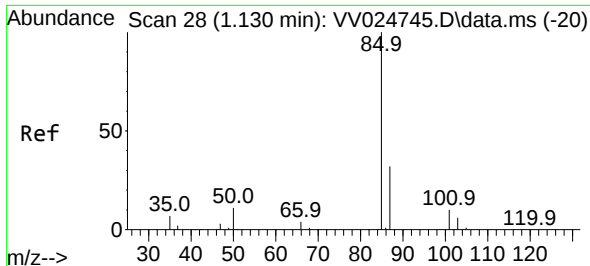
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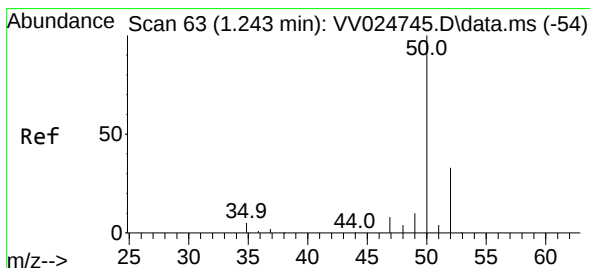
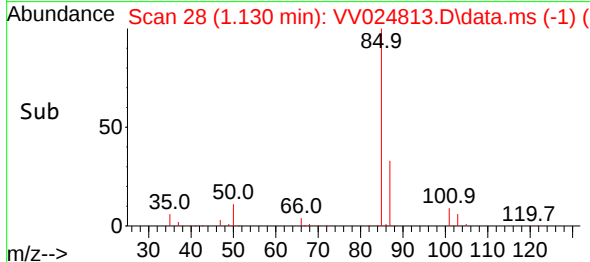
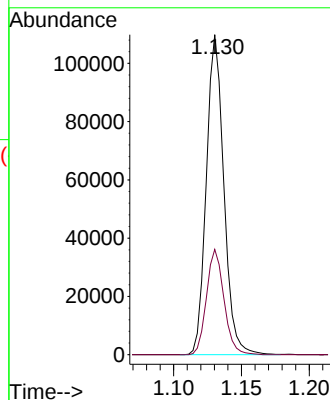
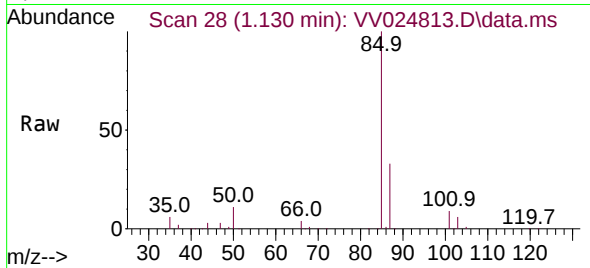




#2
 Dichlorodifluoromethane
 Concen: 4.975 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

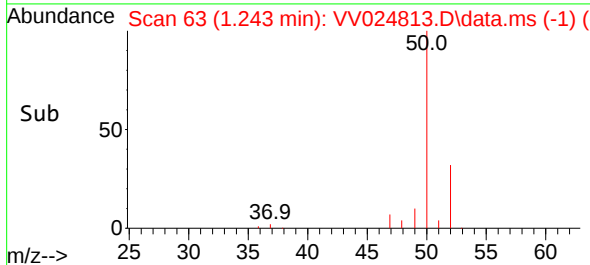
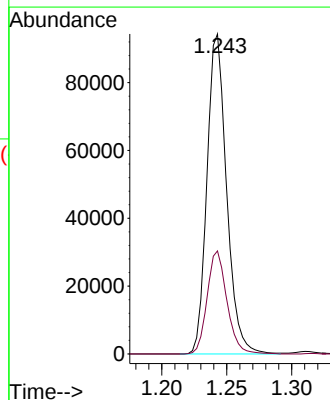
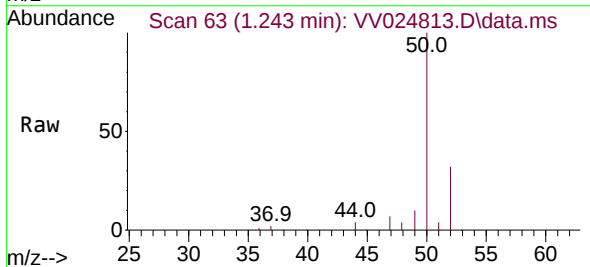
Instrument :
 MSVOA_V
 ClientSampleId :

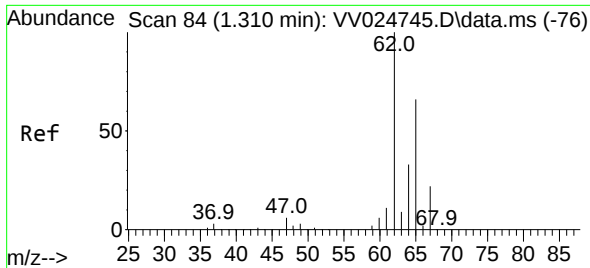
Tgt Ion: 85 Resp: 98754
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 5.002 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

Tgt Ion: 50 Resp: 99177
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.3 43.3

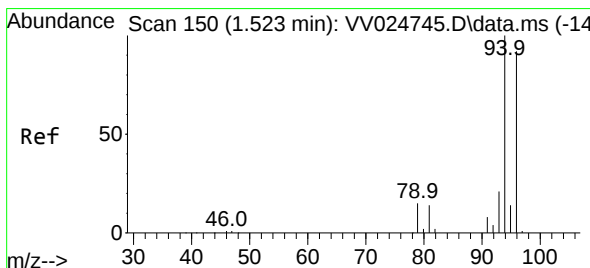
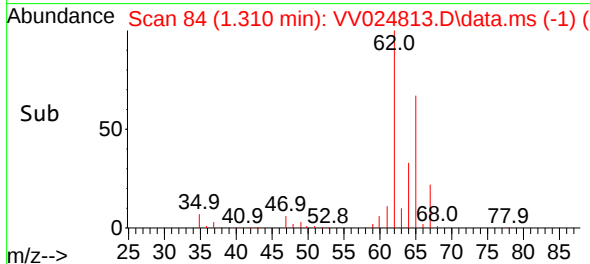
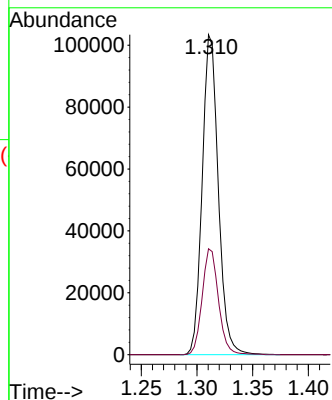
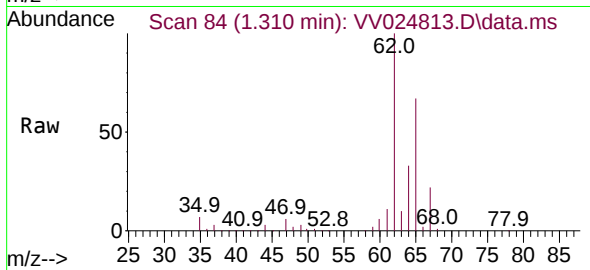




#5
 Vinyl chloride
 Concen: 4.782 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

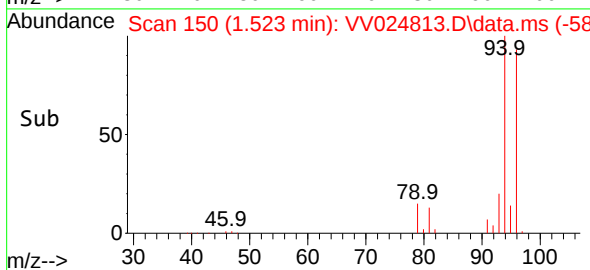
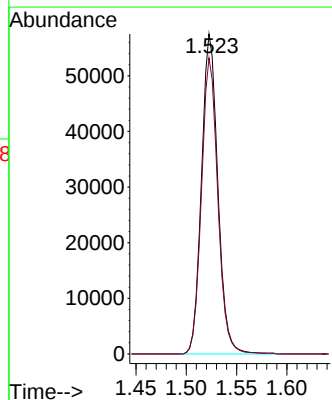
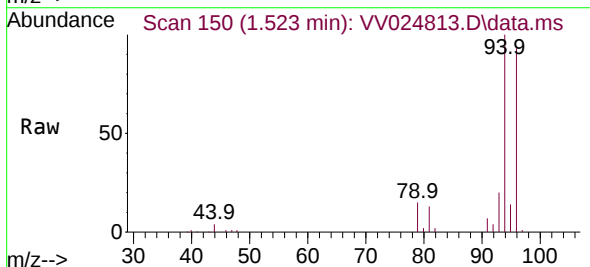
Instrument :
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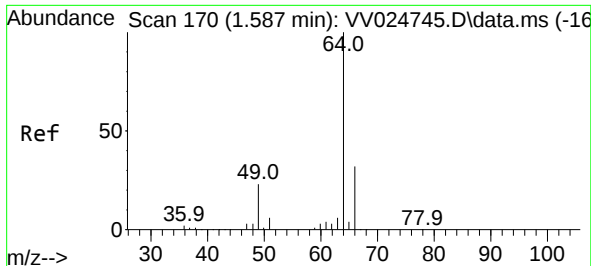
Tgt Ion: 62 Resp: 104096
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.2 41.2



#6
 Bromomethane
 Concen: 5.000 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

Tgt Ion: 94 Resp: 65009
 Ion Ratio Lower Upper
 94 100
 96 92.5 66.5 123.5

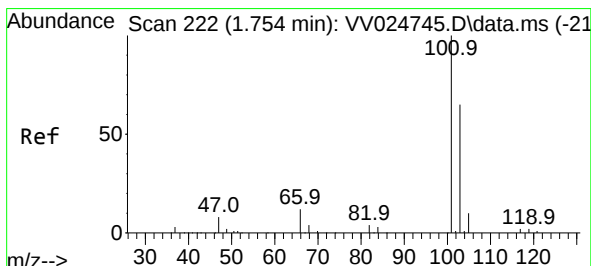
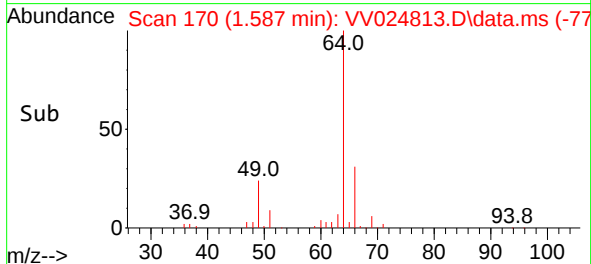
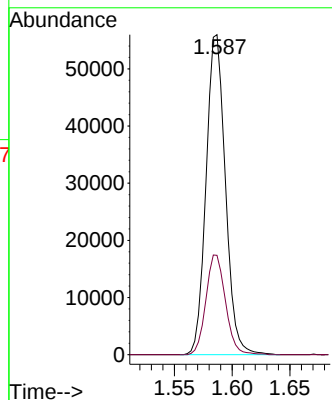
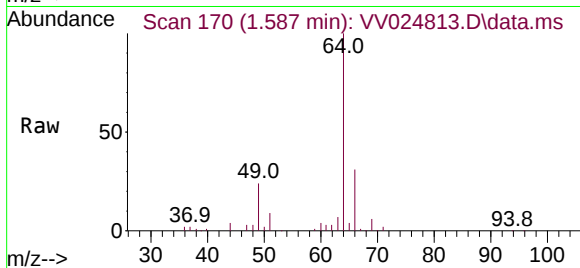




#8
Chloroethane
Concen: 4.871 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

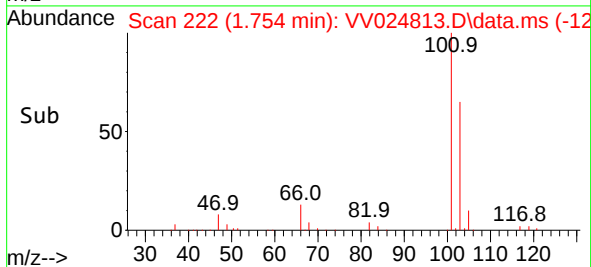
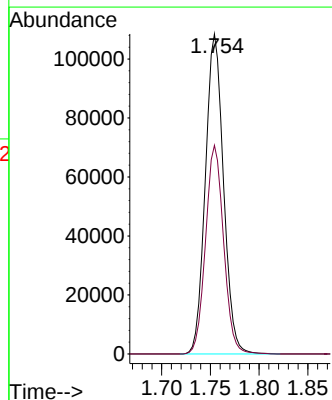
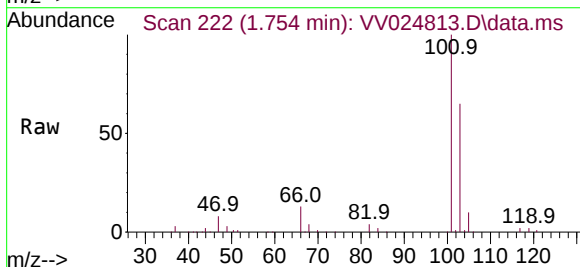
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MSVOA_V
ClientSampleId :

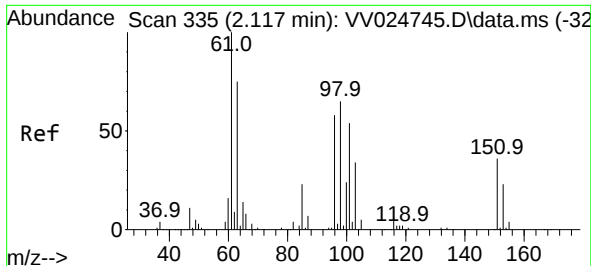
Tgt Ion: 64 Resp: 65307
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.919 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion:101 Resp: 140572
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

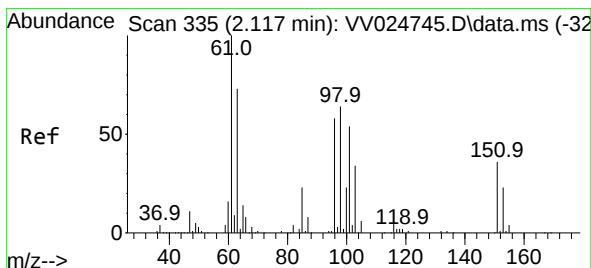
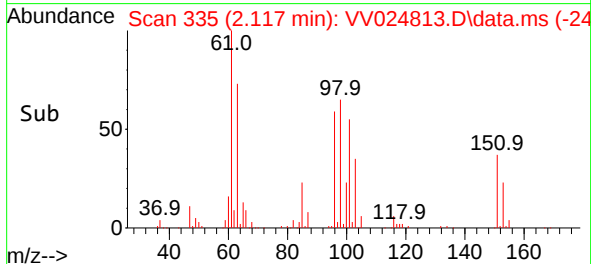
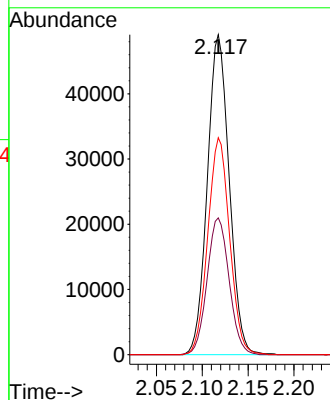
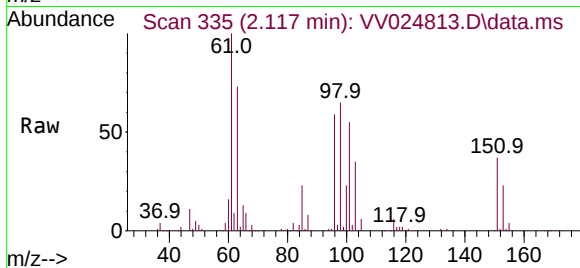




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.904 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

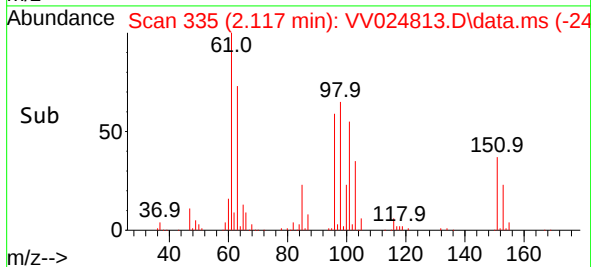
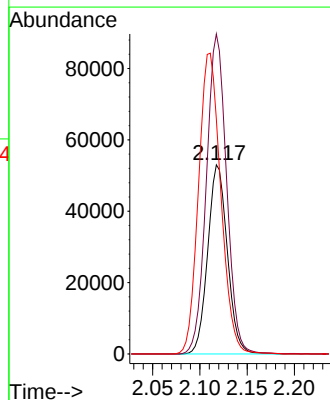
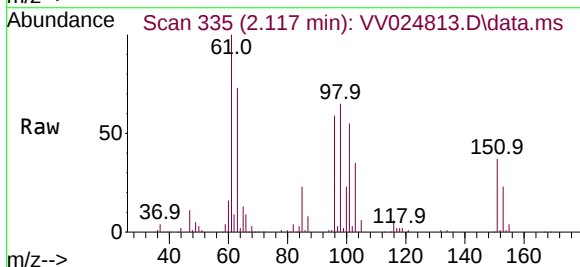
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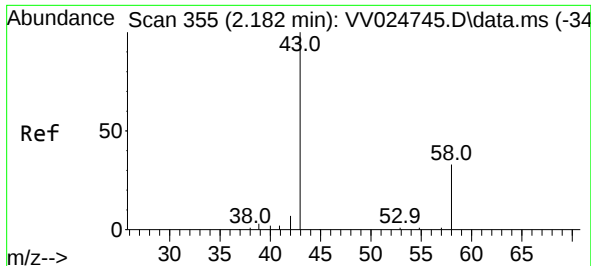
Tgt Ion:101 Resp: 81367
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.7 52.1
 151 67.8 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.831 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

Tgt Ion: 96 Resp: 76595
 Ion Ratio Lower Upper
 96 100
 61 169.2 116.3 216.1
 63 124.1 86.0 159.6





#13

Acetone

Concen: 55.200 ug/L

RT: 2.195 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

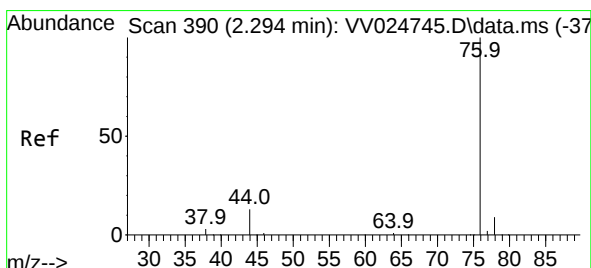
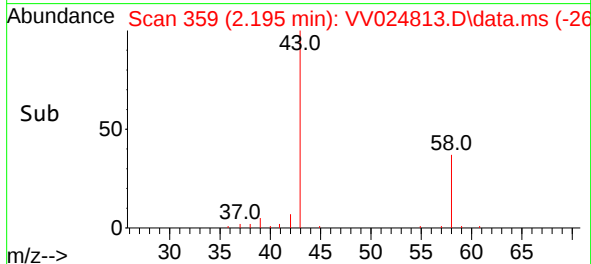
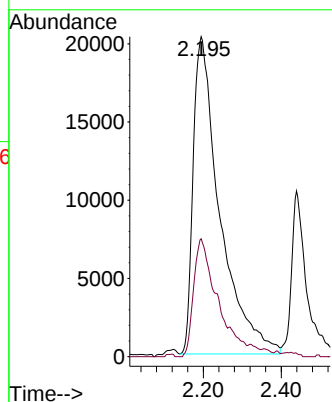
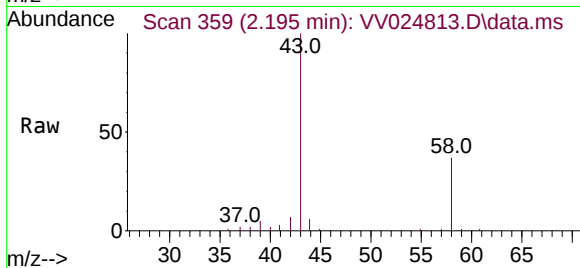
ClientSampleId :

Tgt Ion: 43 Resp: 96008

Ion Ratio Lower Upper

43 100

58 33.3 0.0 63.6



#14

Carbon disulfide

Concen: 5.059 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024813.D

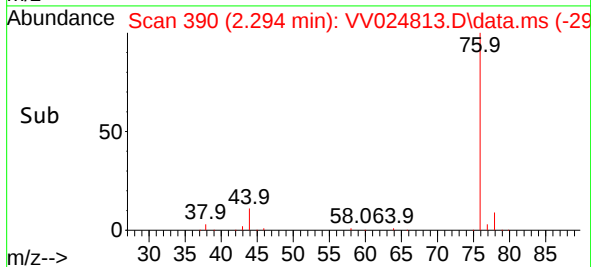
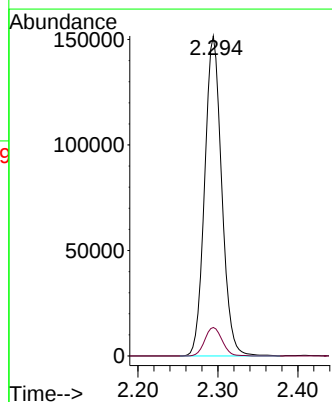
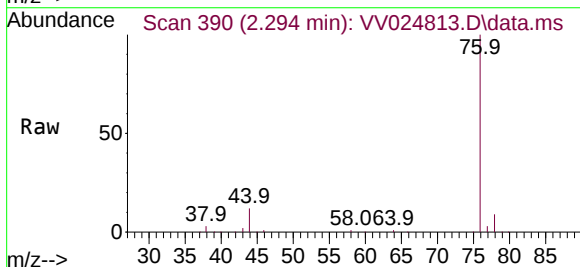
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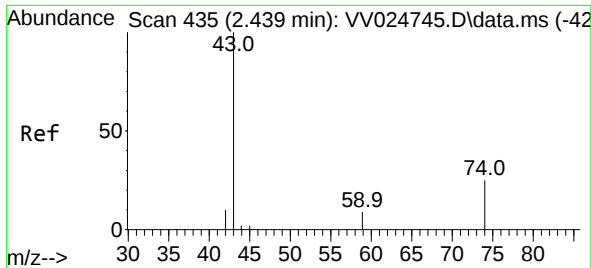
Tgt Ion: 76 Resp: 225087

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

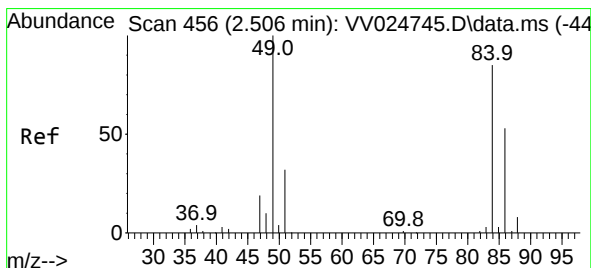
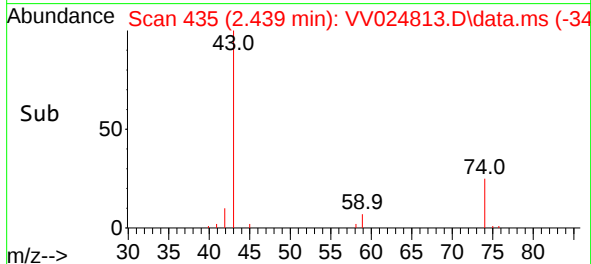
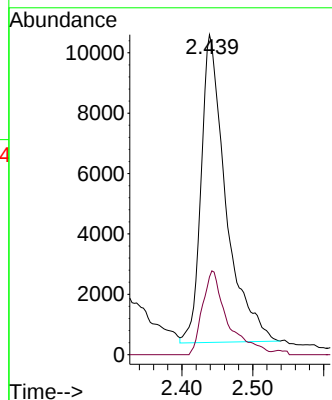
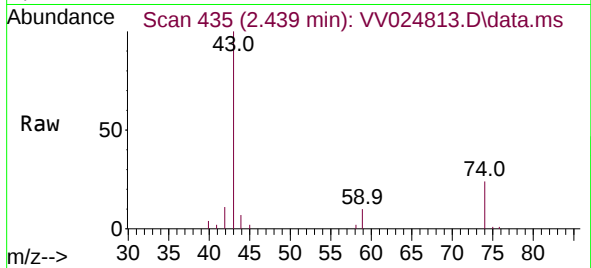




#15
Methyl Acetate
Concen: 5.432 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

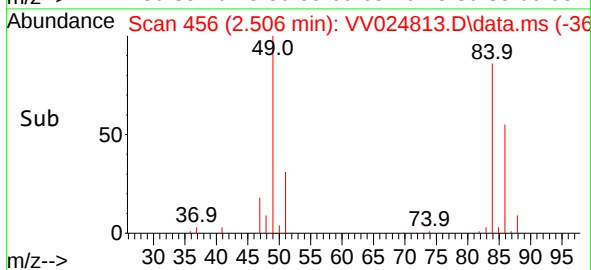
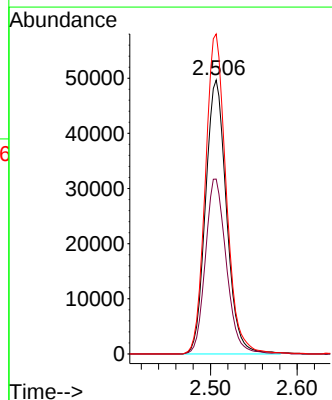
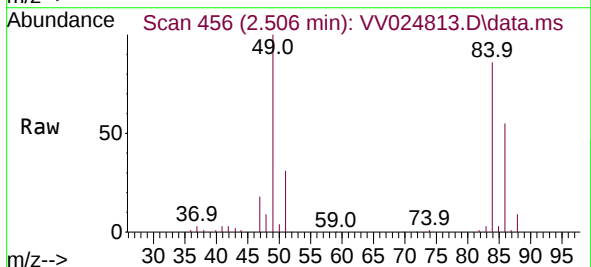
Instrument :
MSVOA_V
ClientSampleId :

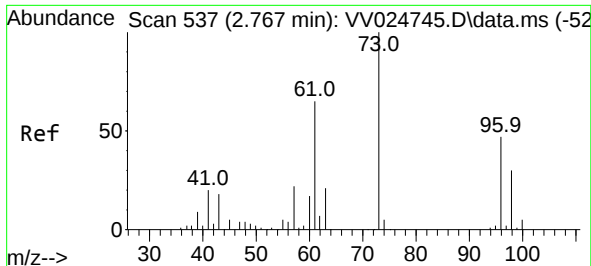
Tgt Ion: 43 Resp: 24735
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2



#16
Methylene chloride
Concen: 5.337 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 84 Resp: 83308
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.7
49 116.9 83.5 155.1

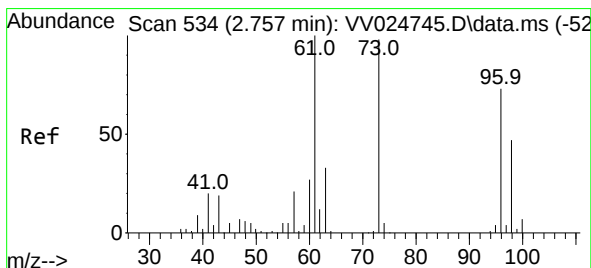
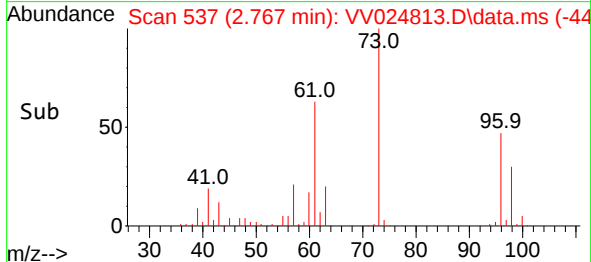
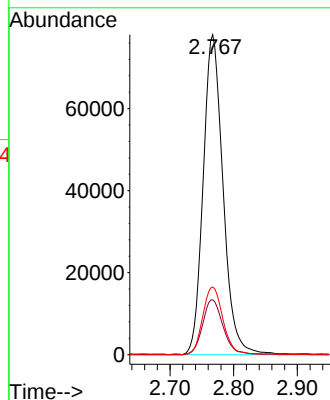
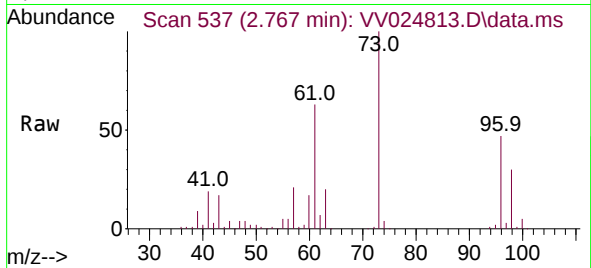




#17
Methyl tert-butyl Ether
Concen: 5.435 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

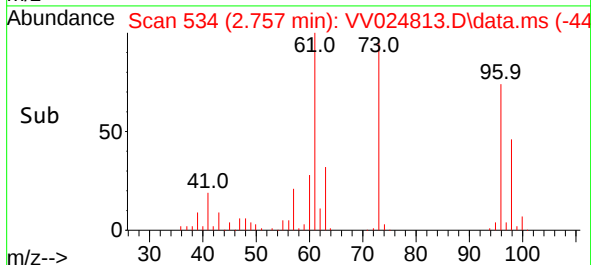
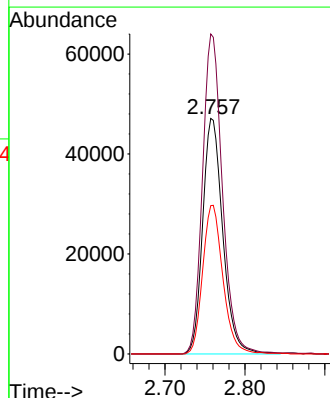
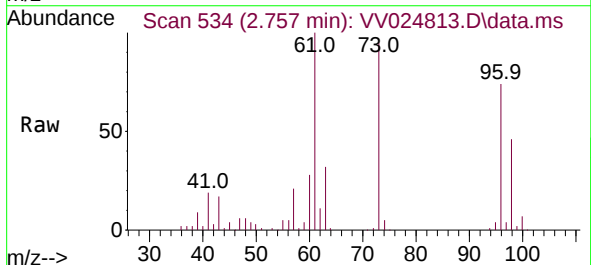
Instrument :
MSVOA_V
ClientSampleId :

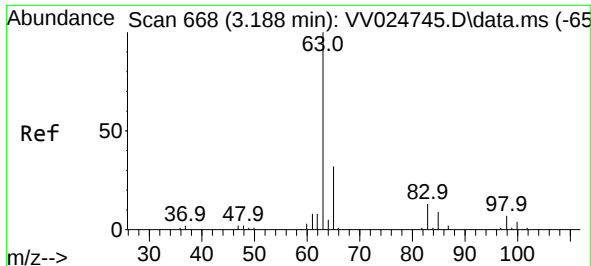
Tgt Ion: 73 Resp: 169385
Ion Ratio Lower Upper
73 100
43 17.8 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.333 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 96 Resp: 82566
Ion Ratio Lower Upper
96 100
61 135.9 92.9 172.5
98 63.0 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.408 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

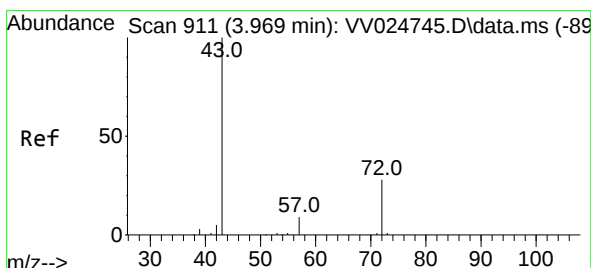
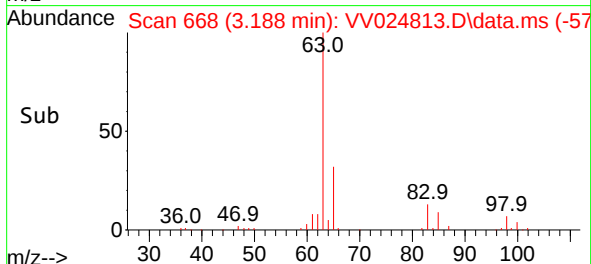
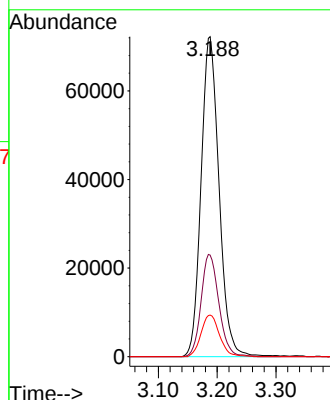
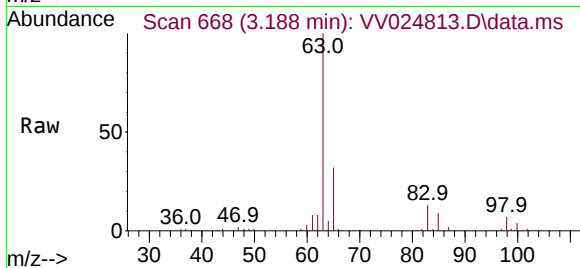
Tgt Ion: 63 Resp: 153319

Ion Ratio Lower Upper

63 100

65 31.8 22.0 40.8

83 13.0 9.5 17.7



#21

2-Butanone

Concen: 57.830 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.006 min

Lab File: VV024813.D

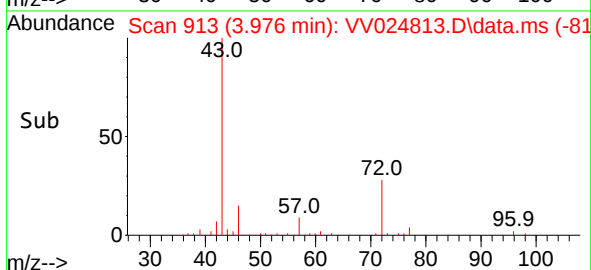
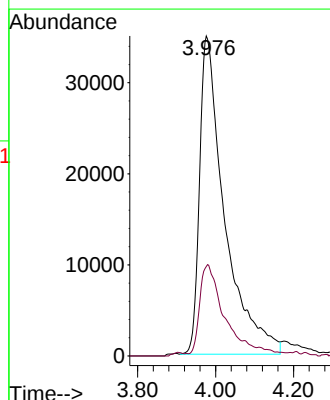
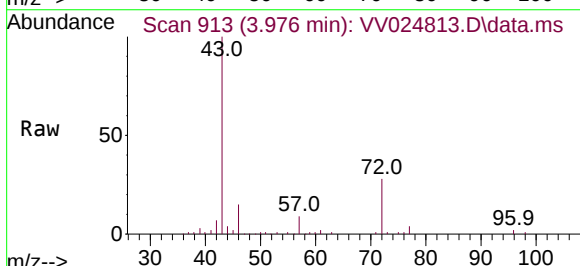
Acq: 24 Feb 2022 10:40

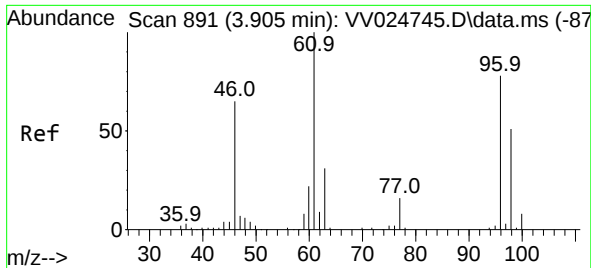
Tgt Ion: 43 Resp: 155432

Ion Ratio Lower Upper

43 100

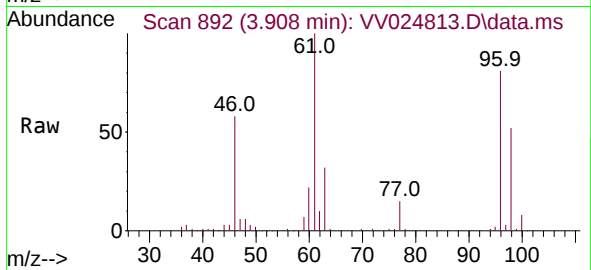
72 24.7 13.2 39.6





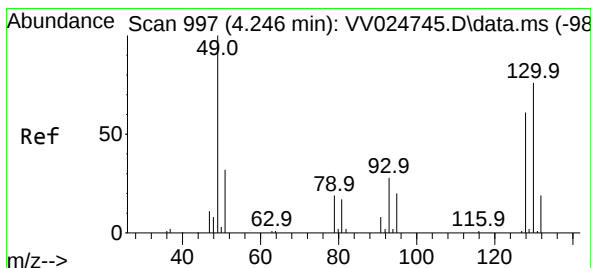
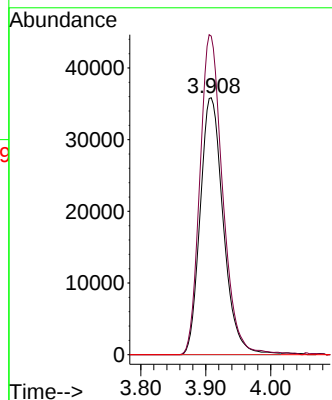
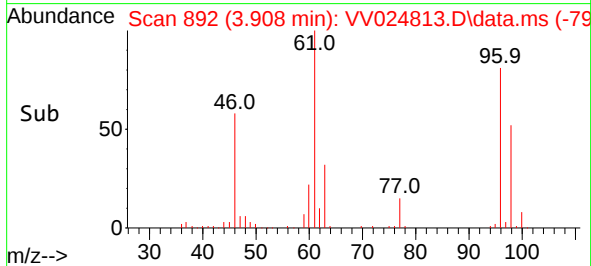
#22
 cis-1,2-Dichloroethene
 Concen: 5.424 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40

Instrument :
 MSVOA_V
 ClientSampleId :

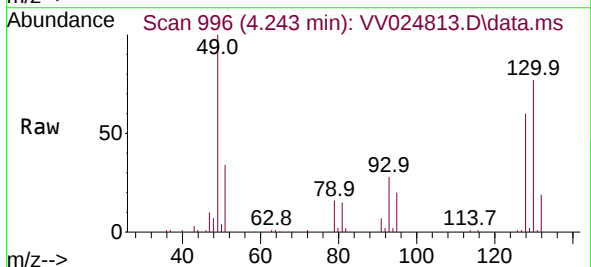


Tgt Ion: 96 Resp: 88771

Ion	Ratio	Lower	Upper
96	100		
61	124.0	89.7	166.5
68	0.0	0.0	0.0

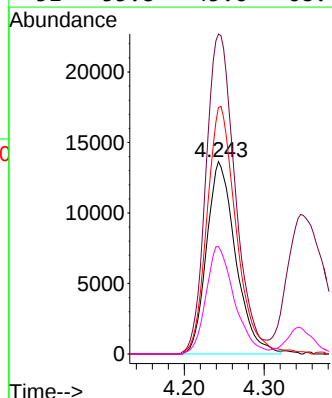
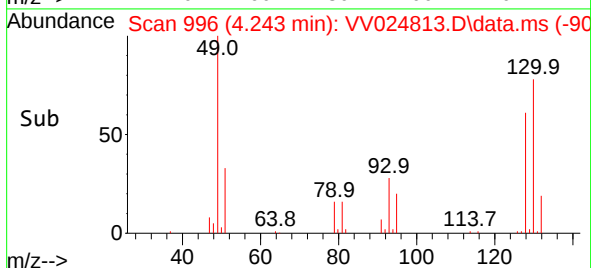


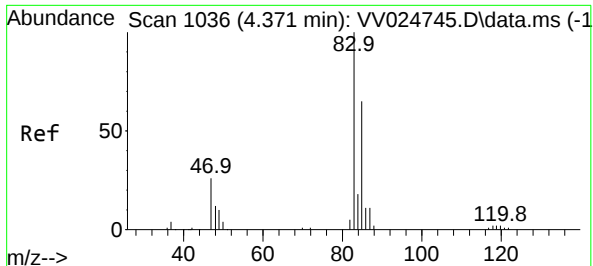
#23
 Bromochloromethane
 Concen: 5.436 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV024813.D
 Acq: 24 Feb 2022 10:40



Tgt Ion: 128 Resp: 34390

Ion	Ratio	Lower	Upper
128	100		
49	166.4	124.2	230.6
130	128.2	92.1	171.1
51	55.8	45.6	68.4





#25

Chloroform

Concen: 5.319 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

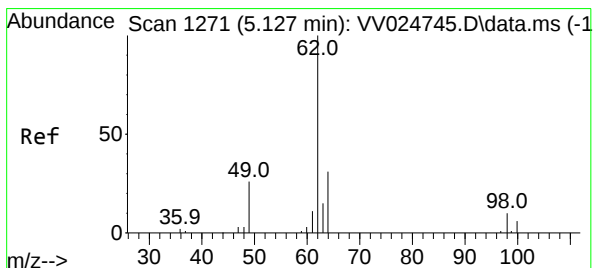
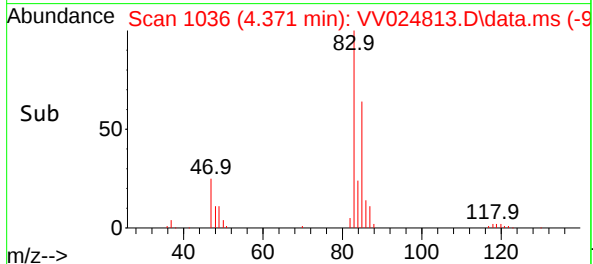
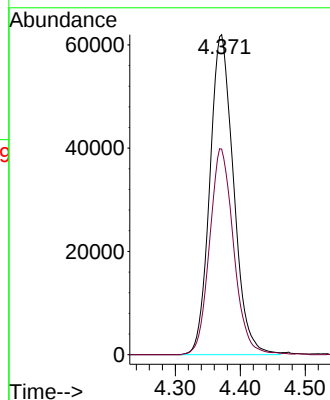
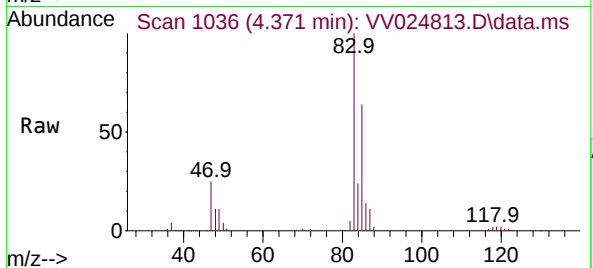
ClientSampleId :

Tgt Ion: 83 Resp: 157543

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.162 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV024813.D

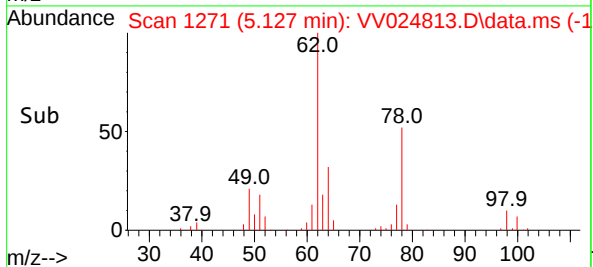
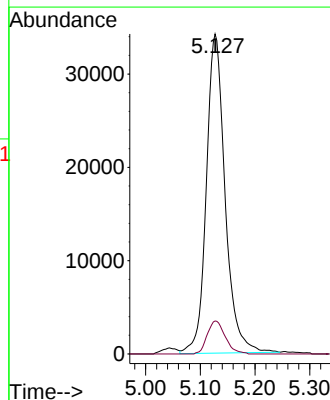
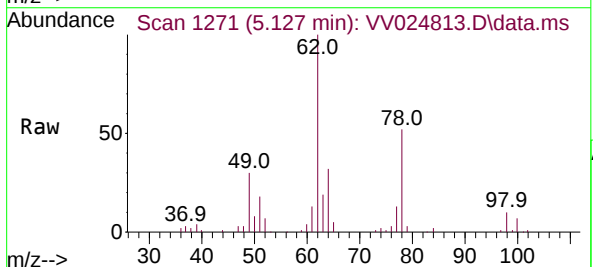
Acq: 24 Feb 2022 10:40

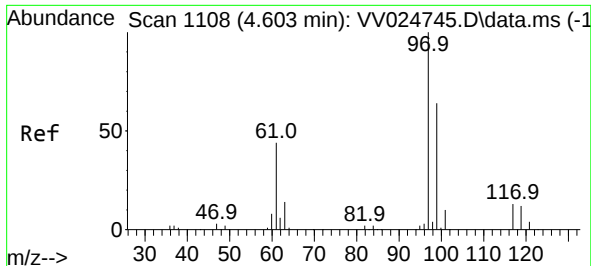
Tgt Ion: 62 Resp: 81600

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.387 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

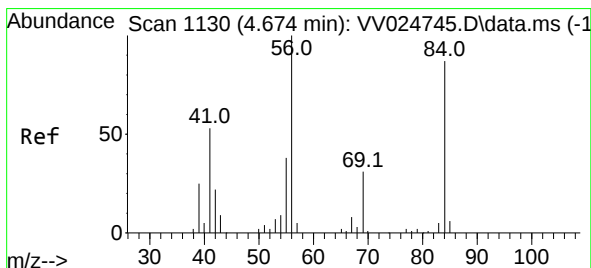
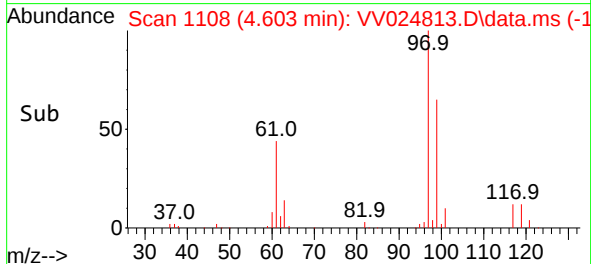
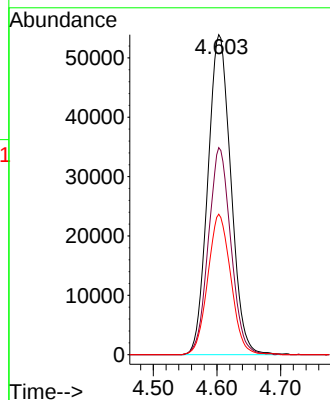
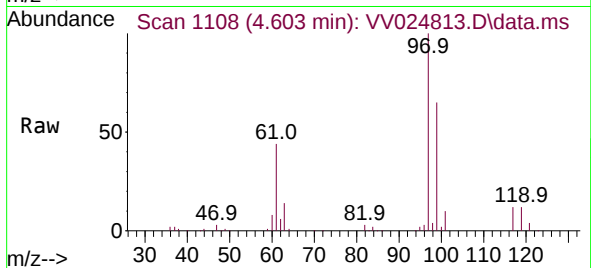
Tgt Ion: 97 Resp: 135606

Ion Ratio Lower Upper

97 100

99 63.1 50.5 75.7

61 43.9 35.8 53.6



#30

Cyclohexane

Concen: 4.971 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

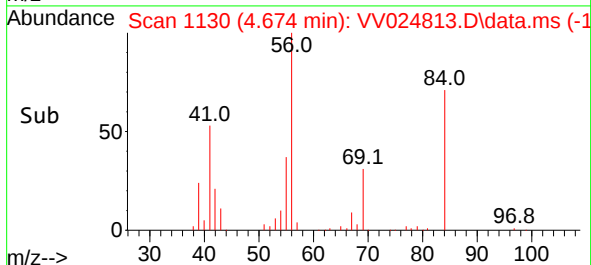
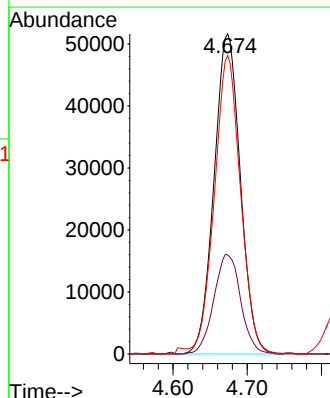
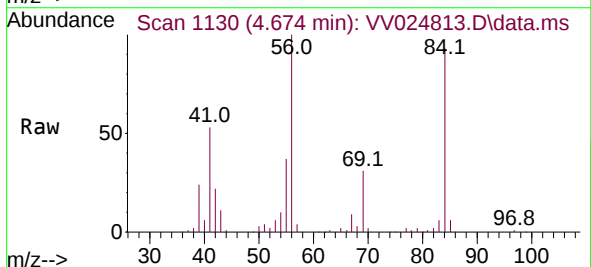
Tgt Ion: 56 Resp: 126910

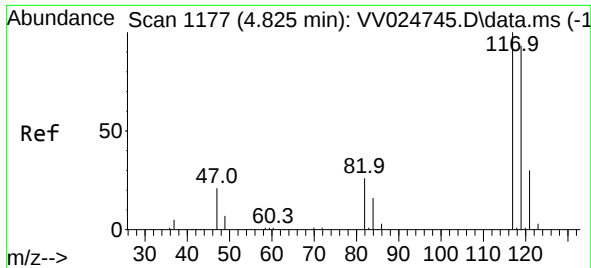
Ion Ratio Lower Upper

56 100

69 31.8 24.6 37.0

84 92.1 71.4 107.0

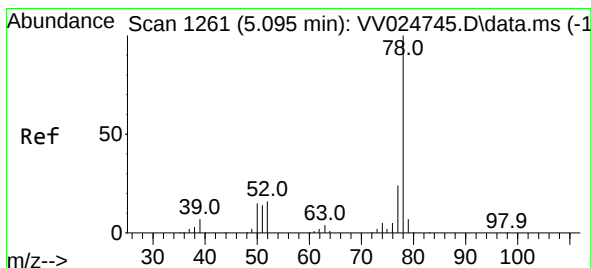
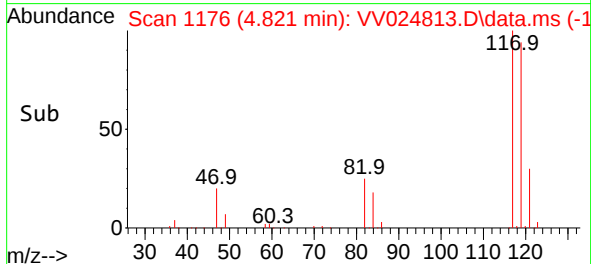
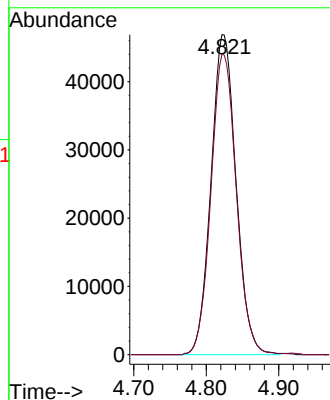
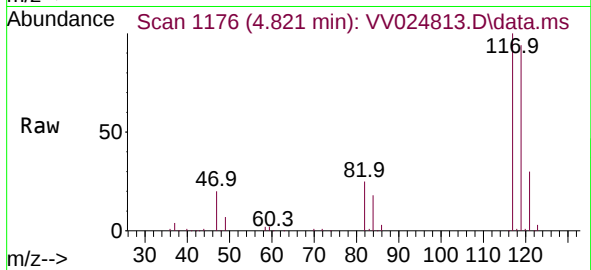




#31
Carbon tetrachloride
Concen: 5.313 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

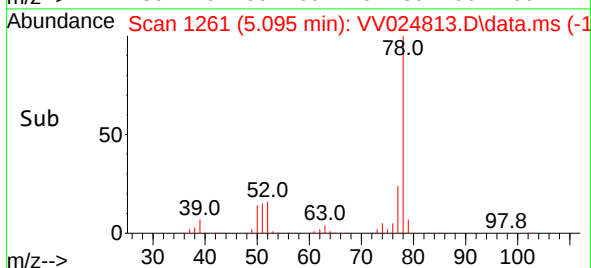
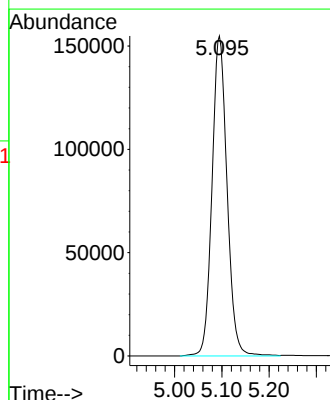
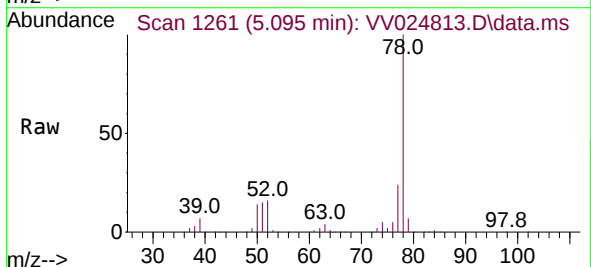
Instrument :
MSVOA_V
ClientSampleId :

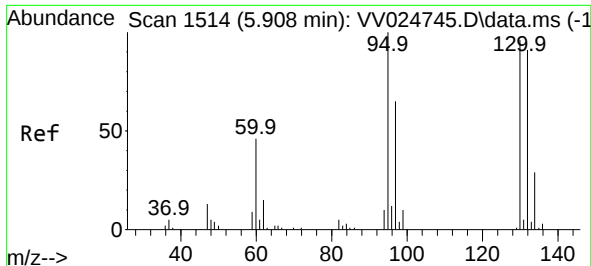
Tgt Ion:117 Resp: 112434
Ion Ratio Lower Upper
117 100
119 95.1 76.6 115.0



#33
Benzene
Concen: 5.394 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 78 Resp: 342523

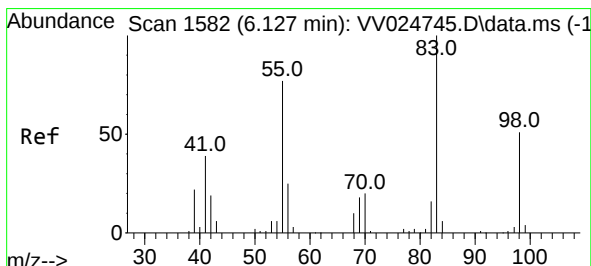
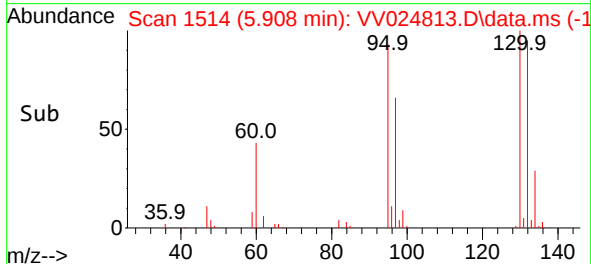
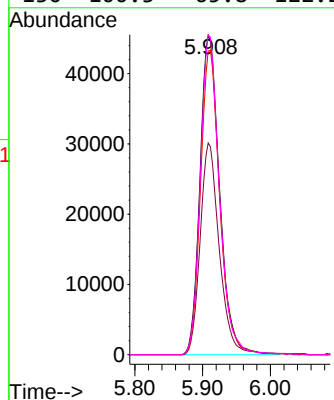
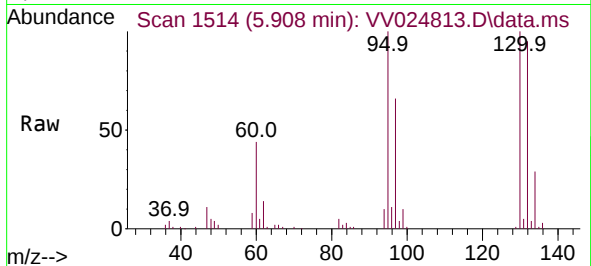




#34
Trichloroethene
Concen: 5.442 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

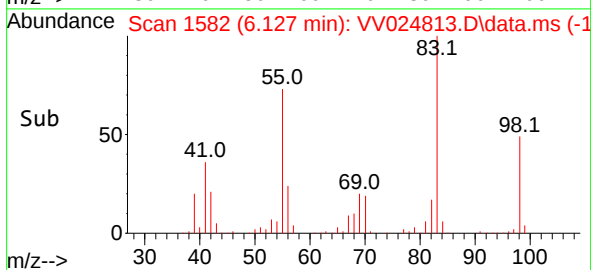
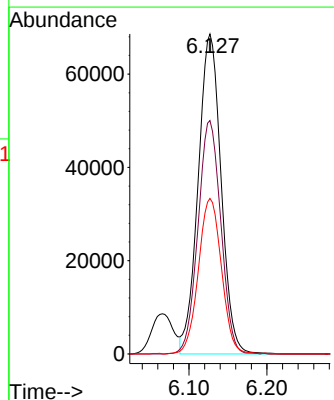
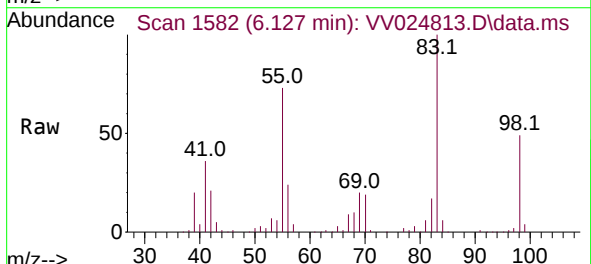
Instrument :
MSVOA_V
ClientSampleId :

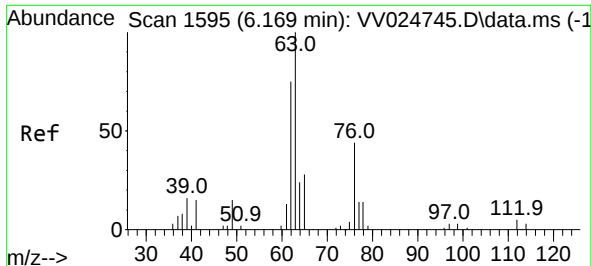
Tgt Ion: 95 Resp: 91544
Ion Ratio Lower Upper
95 100
97 66.3 44.2 82.0
132 95.2 62.1 115.3
130 100.3 65.8 122.2



#35
Methylcyclohexane
Concen: 5.158 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 83 Resp: 140173
Ion Ratio Lower Upper
83 100
55 72.6 58.8 88.2
98 48.9 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.589 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

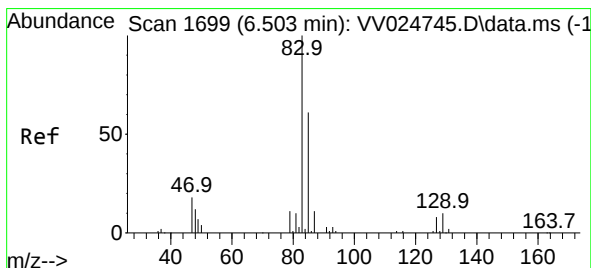
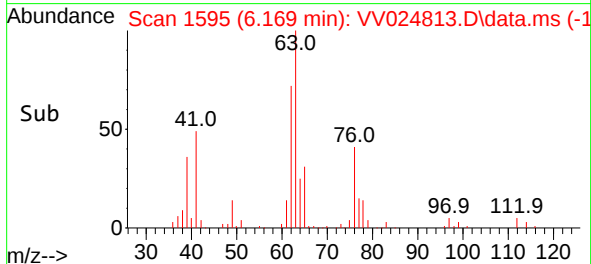
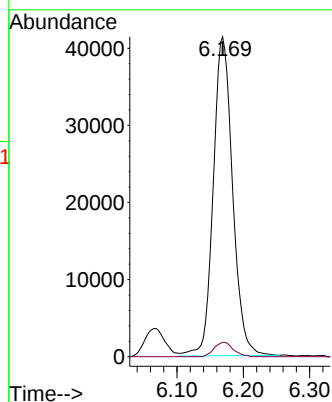
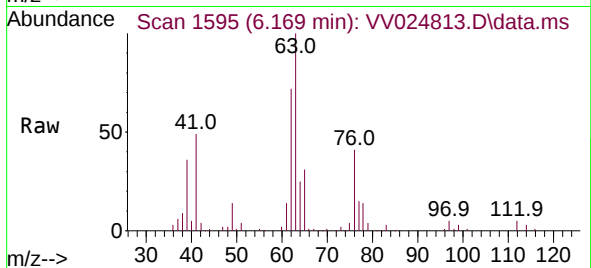
ClientSampleId :

Tgt Ion: 63 Resp: 83857

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 5.436 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

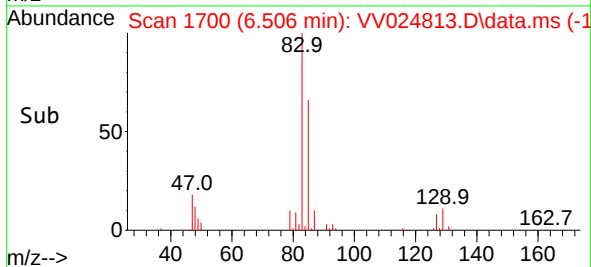
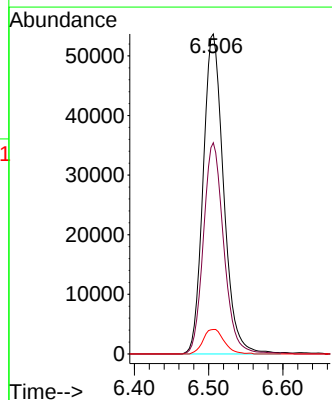
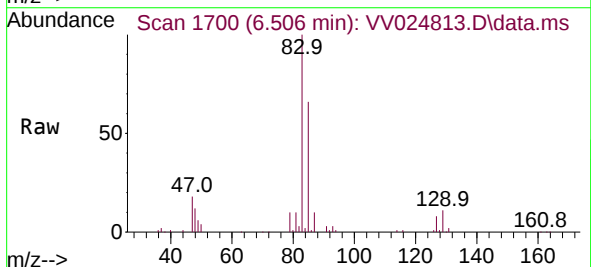
Tgt Ion: 83 Resp: 102659

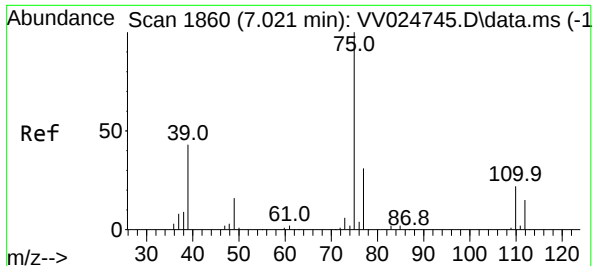
Ion Ratio Lower Upper

83 100

85 66.0 43.5 80.9

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.440 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

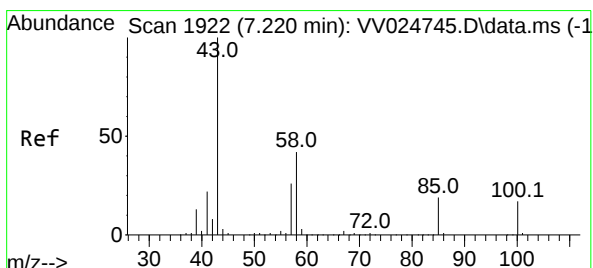
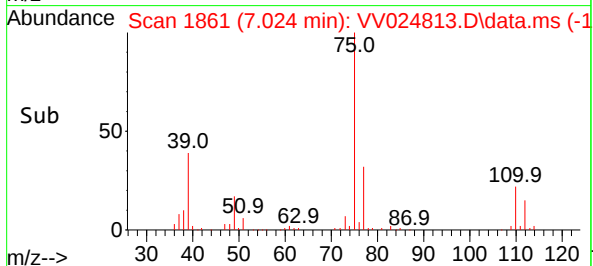
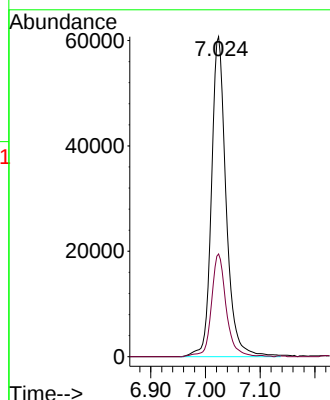
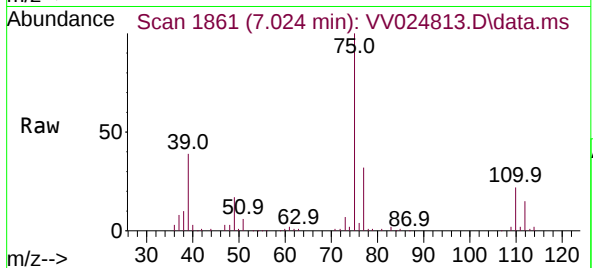
ClientSampleId :

Tgt Ion: 75 Resp: 113203

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 55.341 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

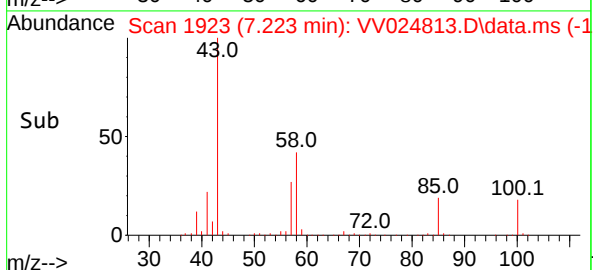
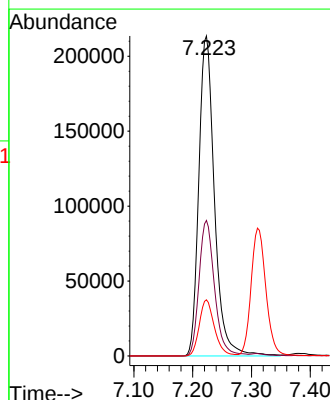
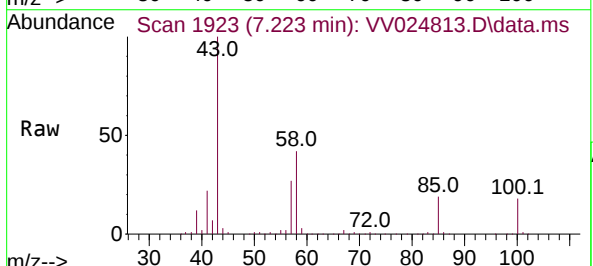
Tgt Ion: 43 Resp: 394928

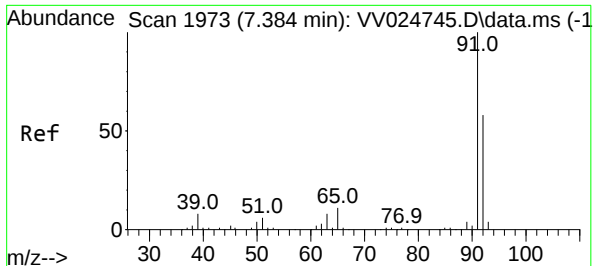
Ion Ratio Lower Upper

43 100

58 42.0 33.0 49.6

100 17.0 13.3 19.9





#42

Toluene

Concen: 5.364 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

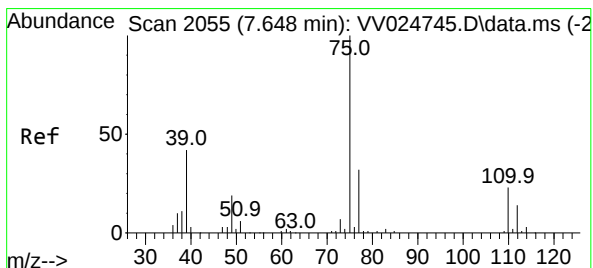
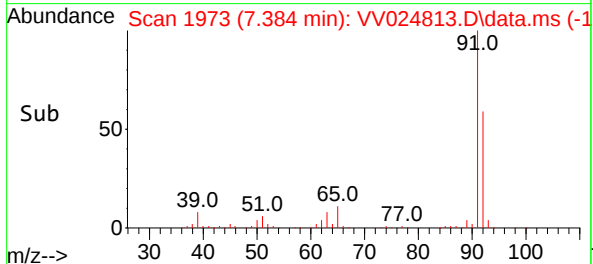
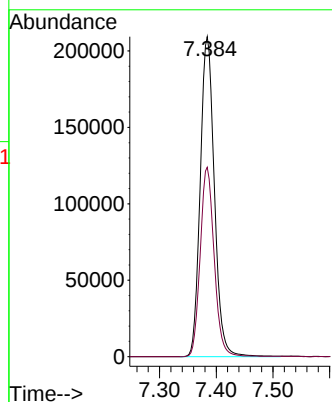
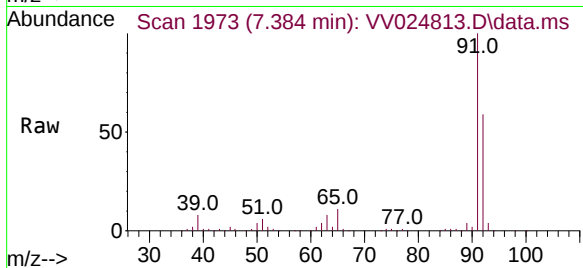
ClientSampleId :

Tgt Ion: 91 Resp: 362633

Ion Ratio Lower Upper

91 100

92 59.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.326 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024813.D

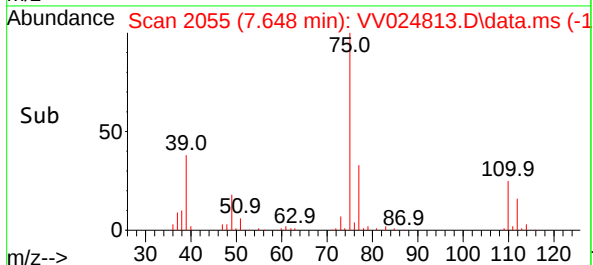
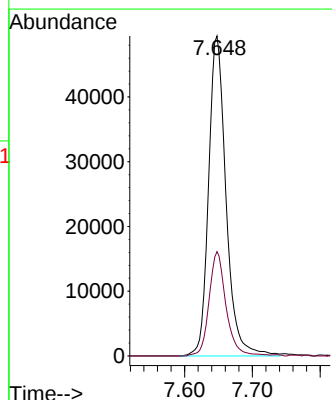
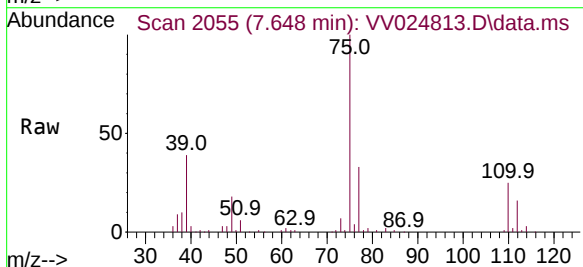
Acq: 24 Feb 2022 10:40

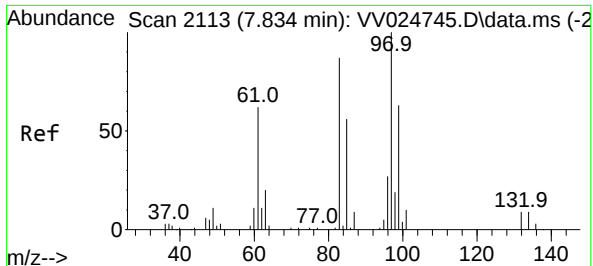
Tgt Ion: 75 Resp: 88548

Ion Ratio Lower Upper

75 100

77 32.6 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 5.598 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 54634

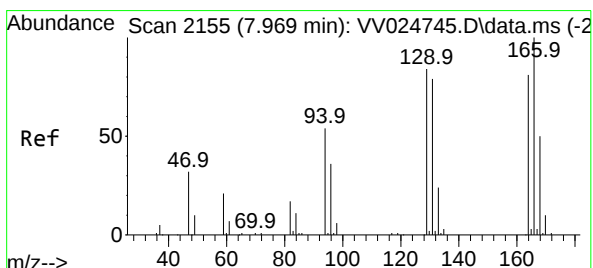
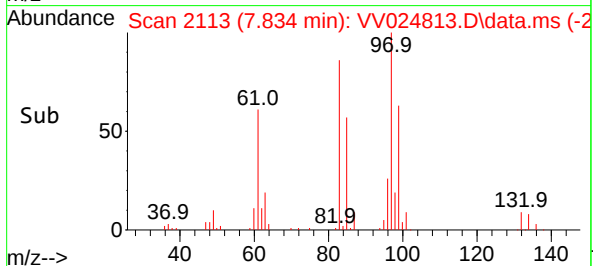
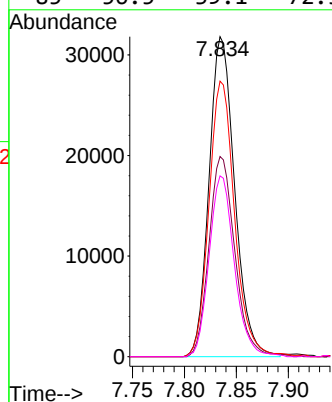
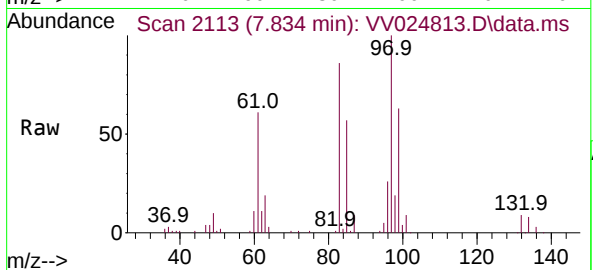
Ion Ratio Lower Upper

97 100

99 62.6 43.8 81.3

83 86.1 61.3 113.9

85 56.5 39.1 72.5



#47

Tetrachloroethene

Concen: 5.232 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Tgt Ion: 164 Resp: 59927

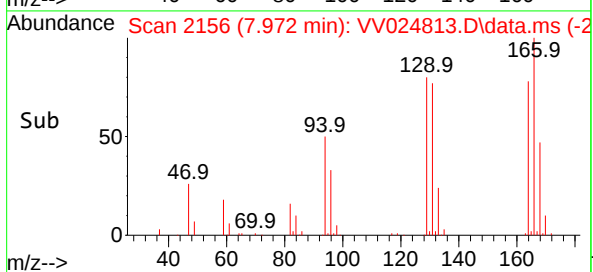
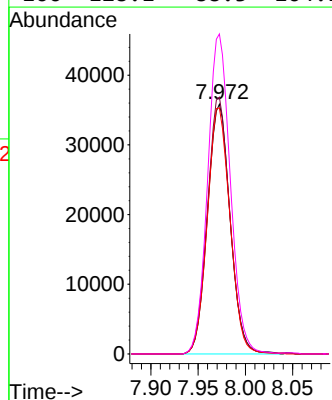
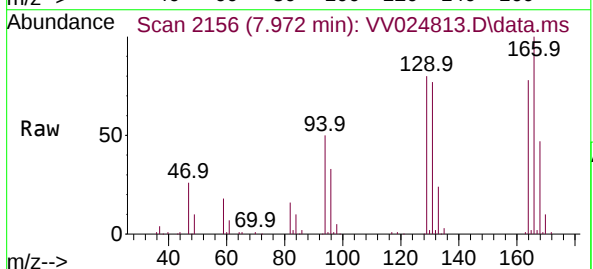
Ion Ratio Lower Upper

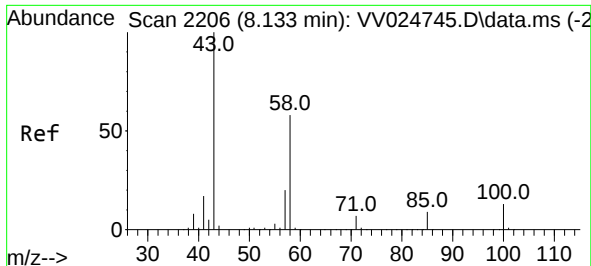
164 100

129 102.8 70.3 130.7

131 98.5 67.7 125.7

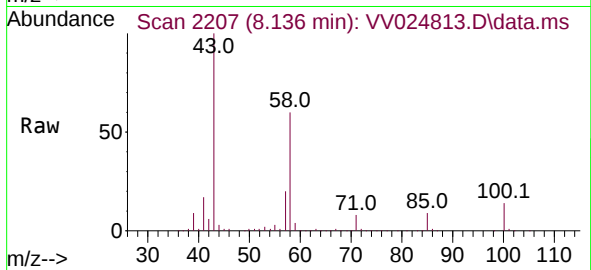
166 128.1 88.3 164.1



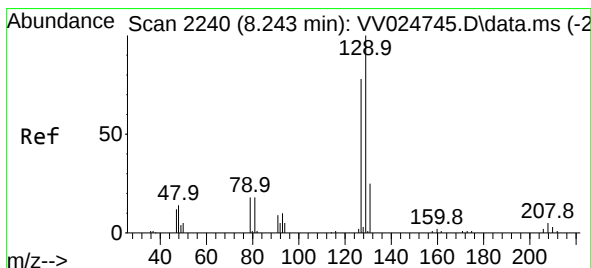
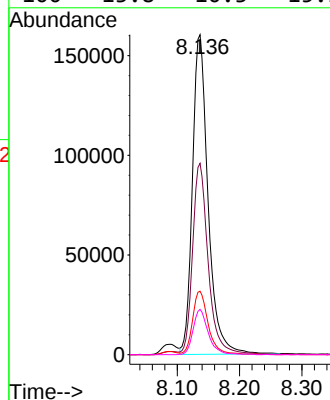
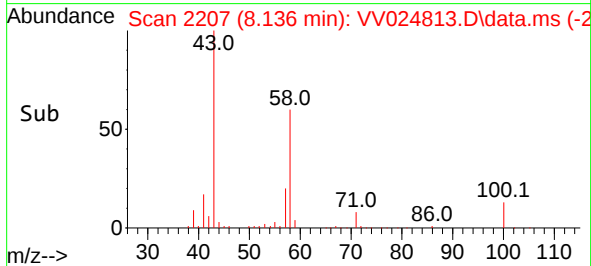


#48
2-Hexanone
Concen: 55.487 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :

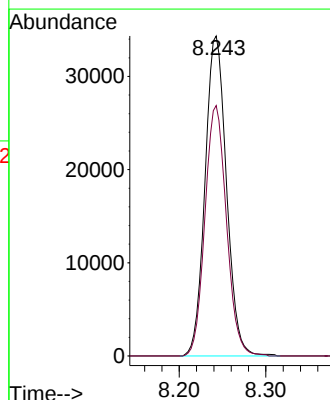
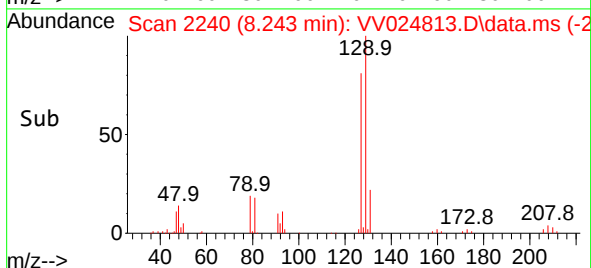
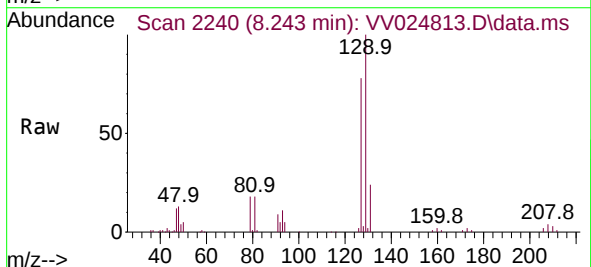


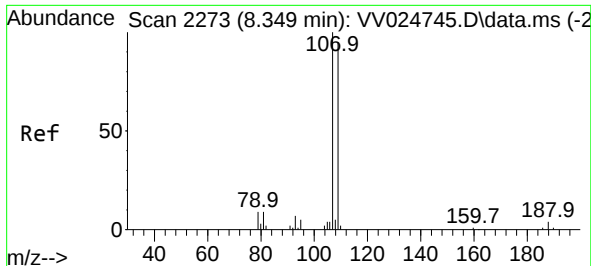
Tgt Ion: 43 Resp: 278405
Ion Ratio Lower Upper
43 100
58 59.3 46.0 69.0
57 19.5 15.7 23.5
100 13.8 10.3 15.5



#49
Dibromochloromethane
Concen: 5.448 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 129 Resp: 59000
Ion Ratio Lower Upper
129 100
127 78.3 53.6 99.6





#50

1,2-Dibromoethane

Concen: 5.648 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :

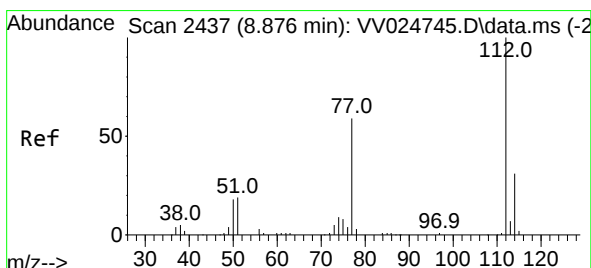
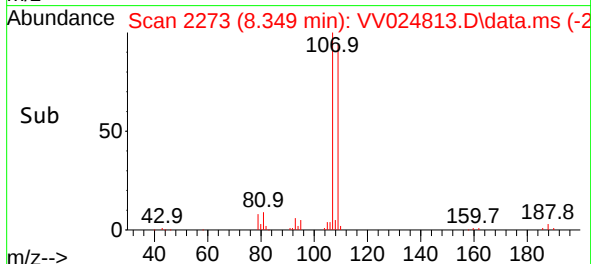
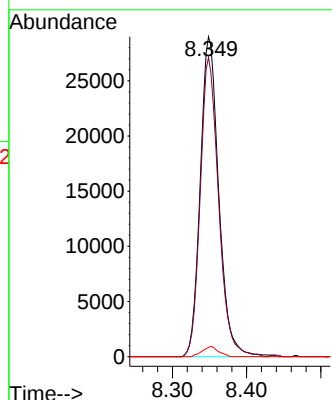
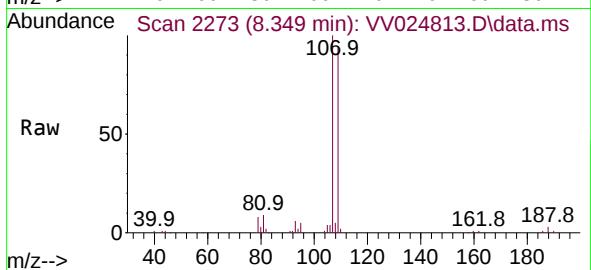
Tgt Ion:107 Resp: 50297

Ion Ratio Lower Upper

107 100

109 93.6 65.6 121.8

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 5.291 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

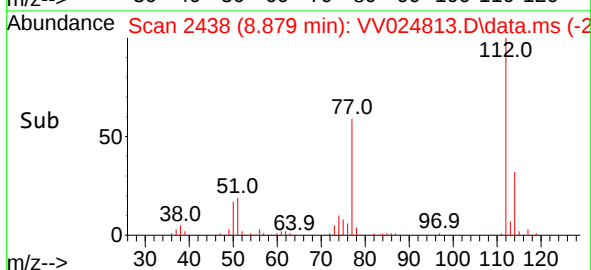
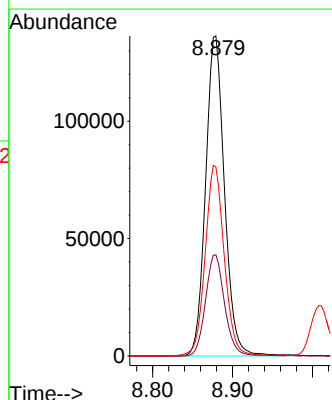
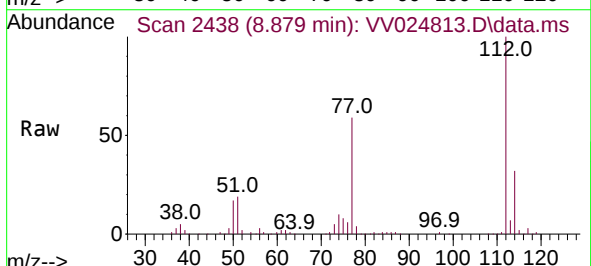
Tgt Ion:112 Resp: 223763

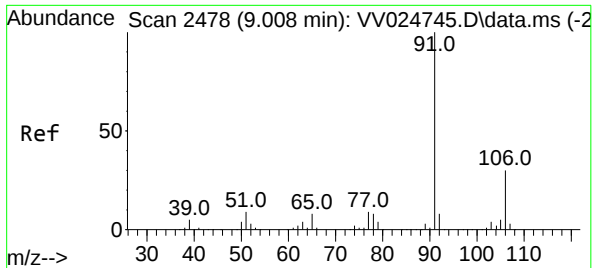
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 59.0 48.4 72.6

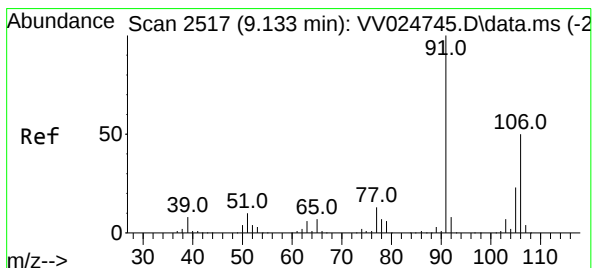
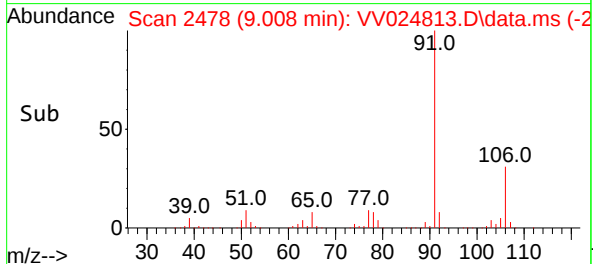
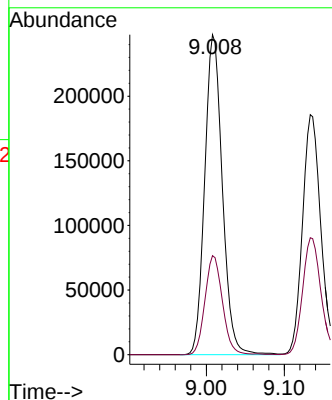
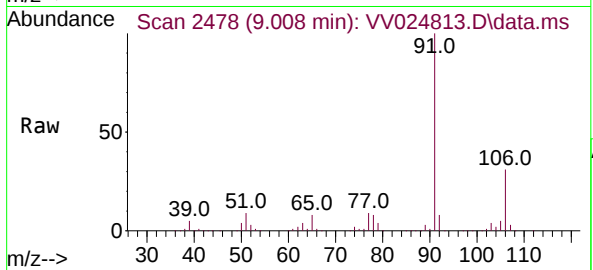




#52
Ethylbenzene
Concen: 5.289 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

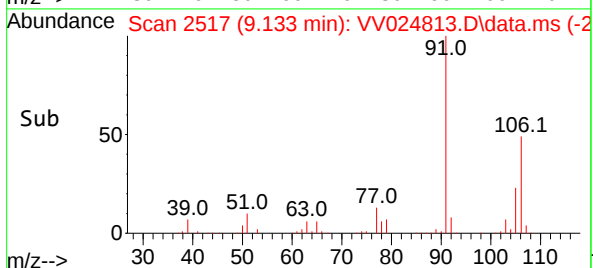
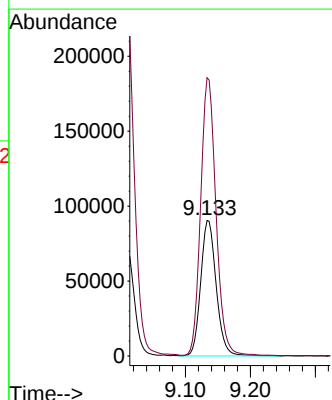
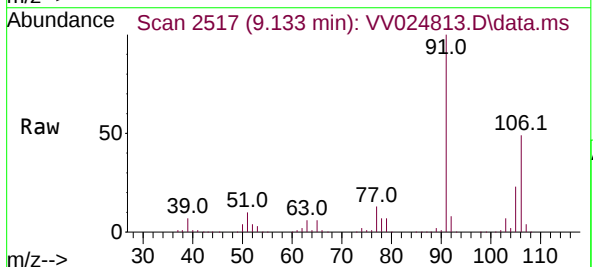
Instrument :
MSVOA_V
ClientSampleId :

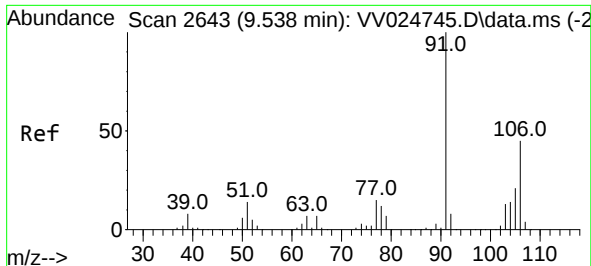
Tgt Ion: 91 Resp: 390211
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5



#53
m,p-xylene
Concen: 5.386 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 106 Resp: 150231
Ion Ratio Lower Upper
106 100
91 205.2 143.6 266.6

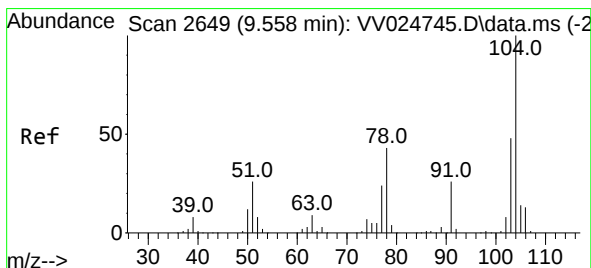
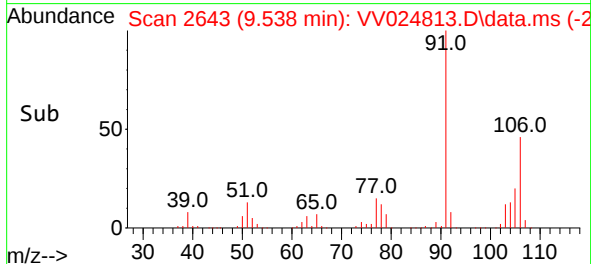
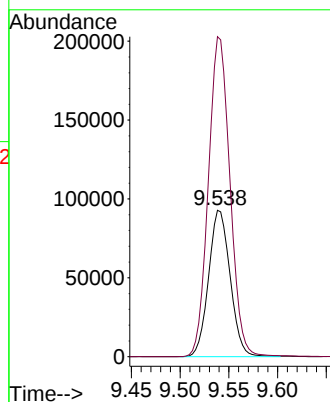
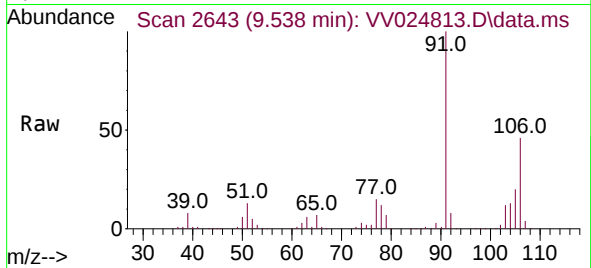




#54
o-xylene
Concen: 5.235 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

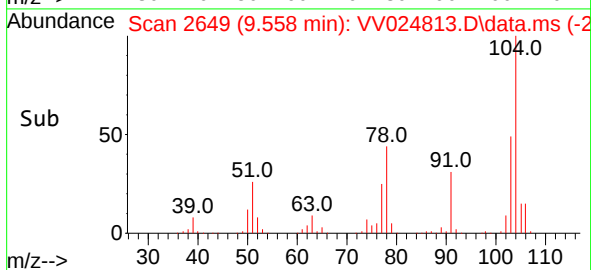
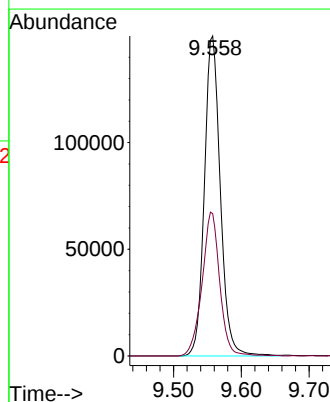
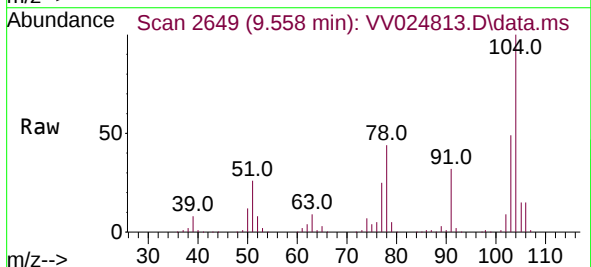
Instrument :
MSVOA_V
ClientSampleId :

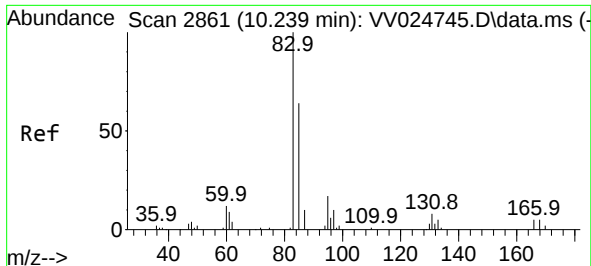
Tgt Ion:106 Resp: 142690
Ion Ratio Lower Upper
106 100
91 218.6 152.2 282.7



#55
Styrene
Concen: 5.526 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion:104 Resp: 244992
Ion Ratio Lower Upper
104 100
78 44.5 32.0 59.4

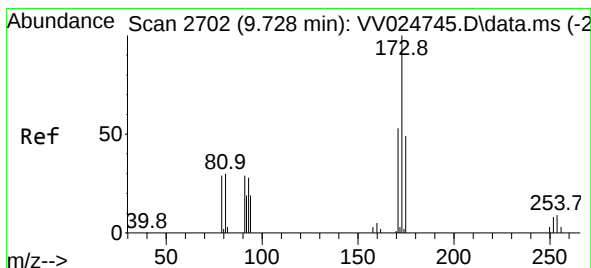
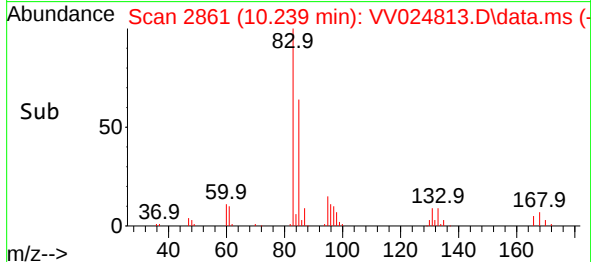
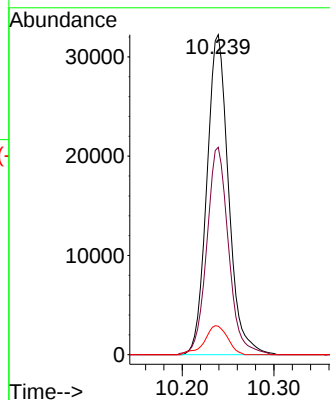
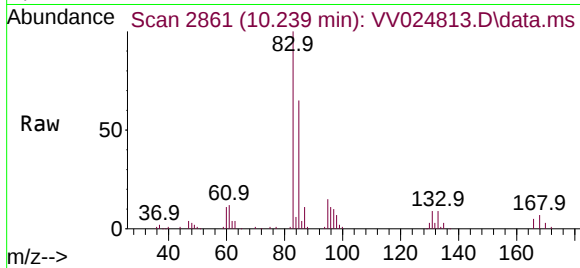




#57
1,1,2,2-Tetrachloroethane
Concen: 5.135 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

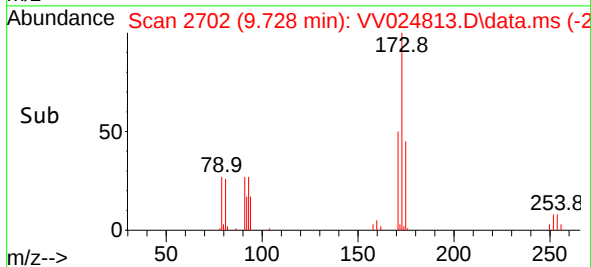
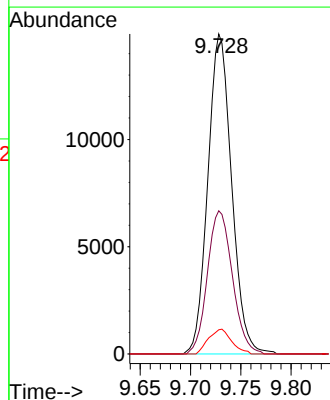
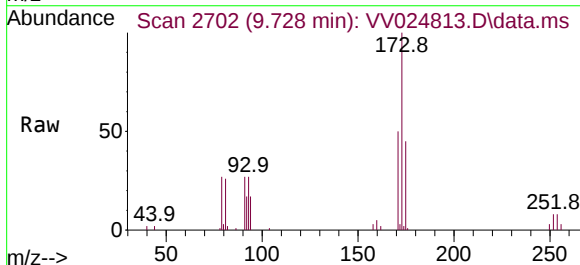
Instrument :
MSVOA_V
ClientSampleId :

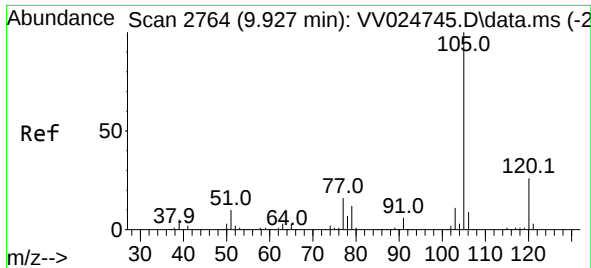
Tgt Ion: 83 Resp: 53008
Ion Ratio Lower Upper
83 100
85 64.8 43.9 81.5
131 8.9 7.0 10.4



#59
Bromoform
Concen: 5.549 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 173 Resp: 24560
Ion Ratio Lower Upper
173 100
175 46.9 39.4 59.0
254 7.5 7.0 10.4

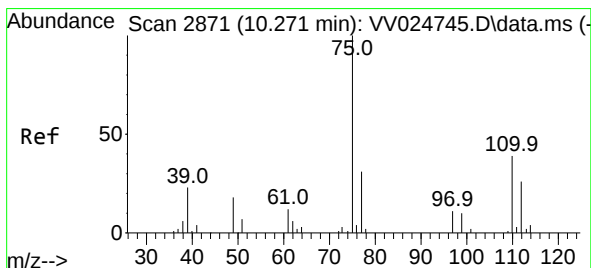
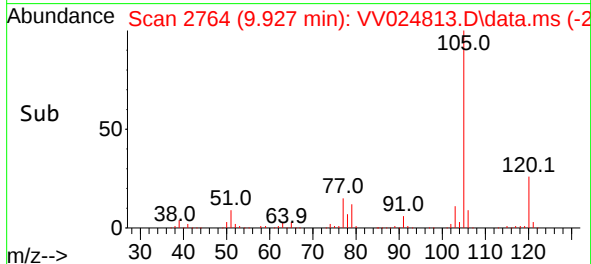
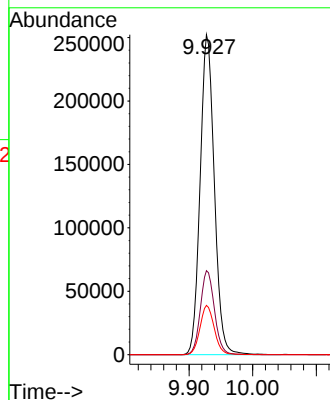
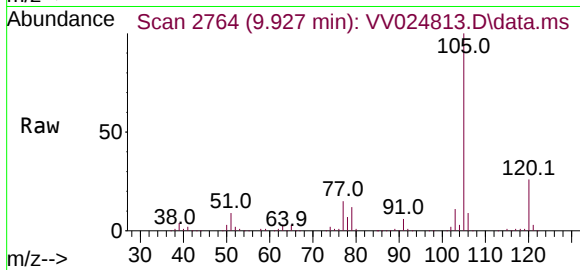




#60
Isopropylbenzene
Concen: 5.406 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

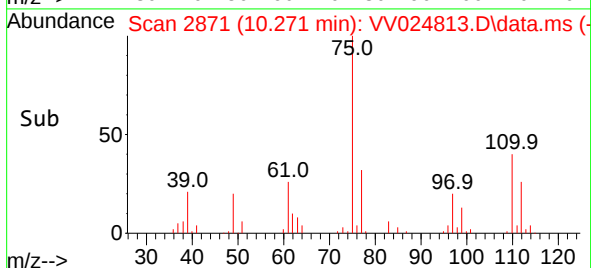
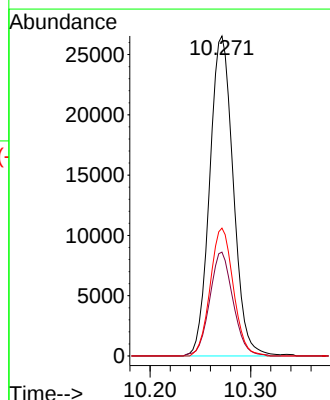
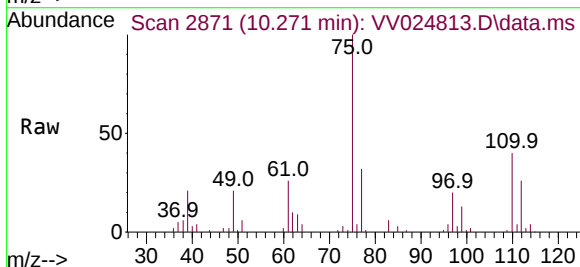
Instrument :
MSVOA_V
ClientSampleId :

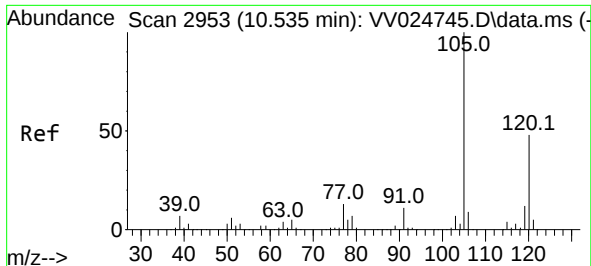
Tgt Ion:105 Resp: 390943
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.447 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 75 Resp: 43162
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5
110 39.3 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.376 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

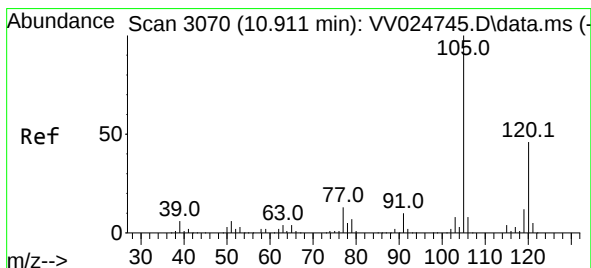
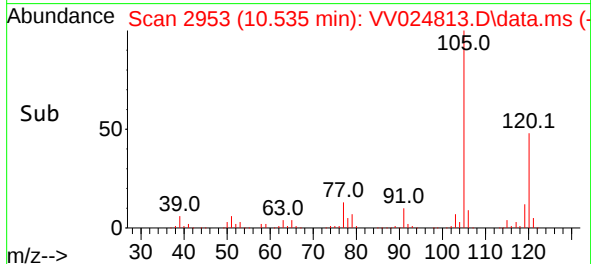
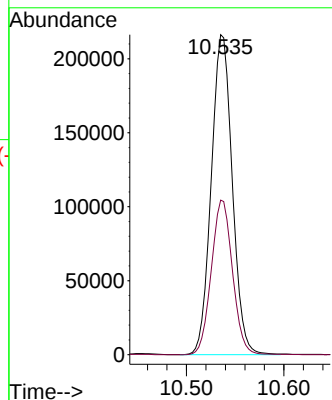
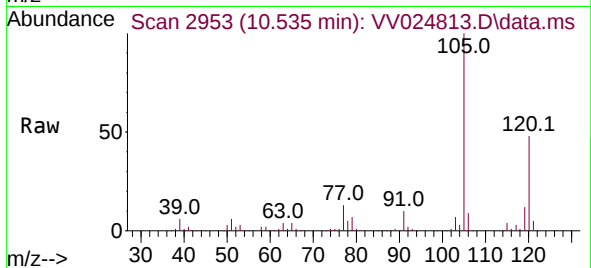
ClientSampleId :

Tgt Ion:105 Resp: 324121

Ion Ratio Lower Upper

105 100

120 48.7 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.430 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024813.D

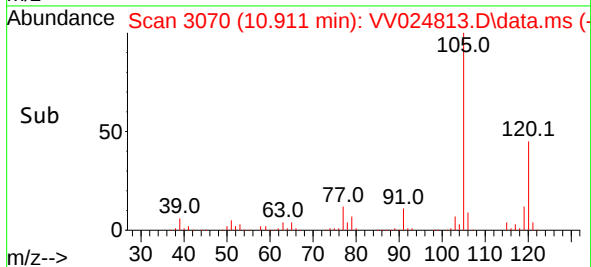
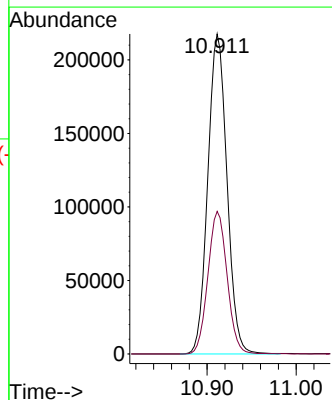
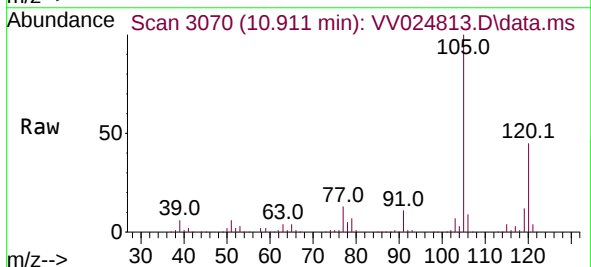
Acq: 24 Feb 2022 10:40

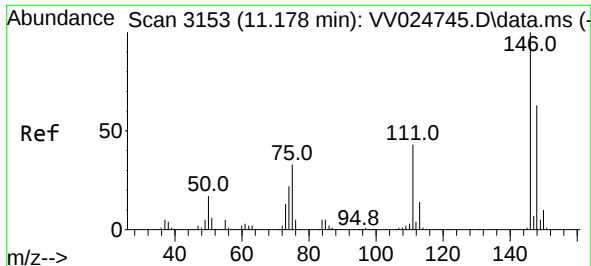
Tgt Ion:105 Resp: 324942

Ion Ratio Lower Upper

105 100

120 44.7 35.9 53.9

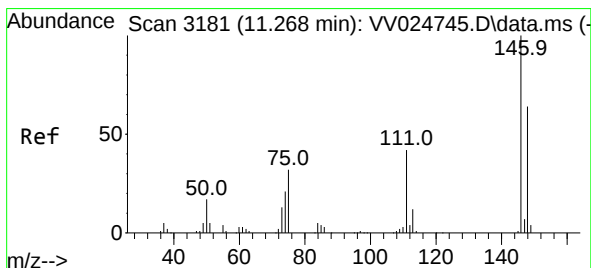
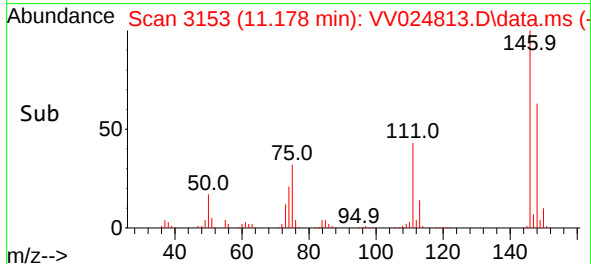
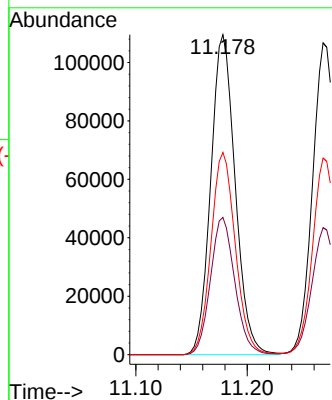
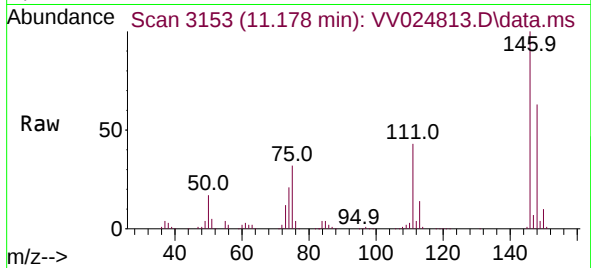




#64
1,3-Dichlorobenzene
Concen: 5.472 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

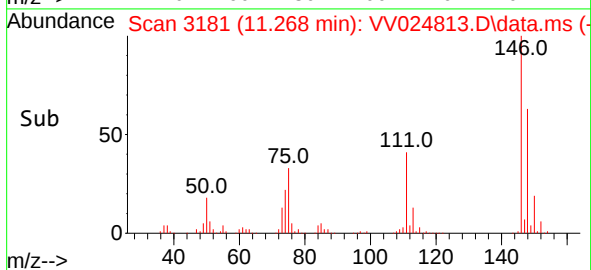
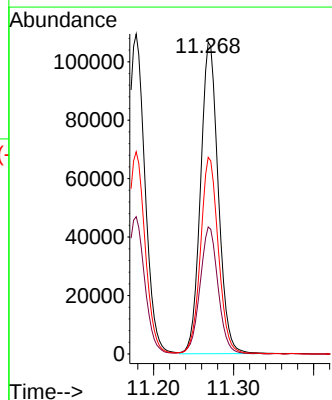
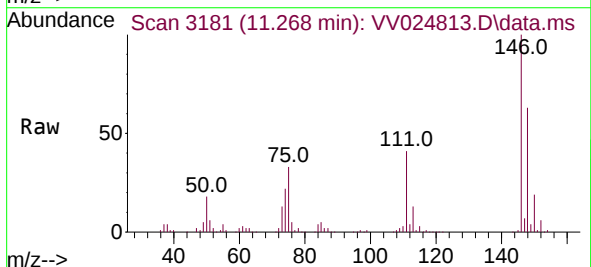
Instrument :
MSVOA_V
ClientSampleId :

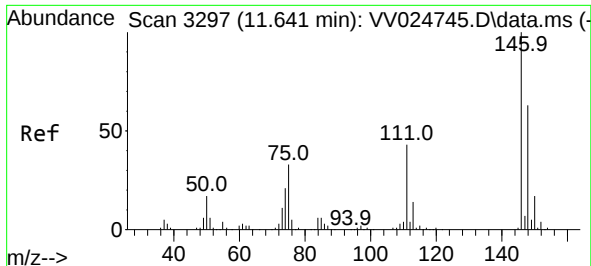
Tgt Ion:146 Resp: 166901
Ion Ratio Lower Upper
146 100
111 42.9 31.0 57.6
148 63.2 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.391 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

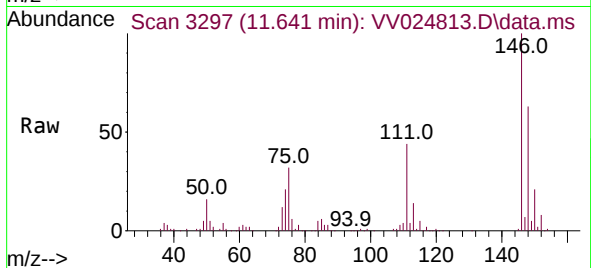
Tgt Ion:146 Resp: 164211
Ion Ratio Lower Upper
146 100
111 40.7 28.3 52.7
148 63.1 44.0 81.8



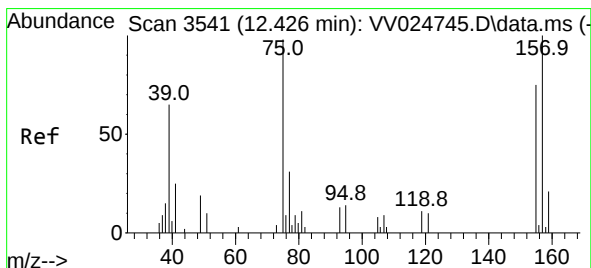
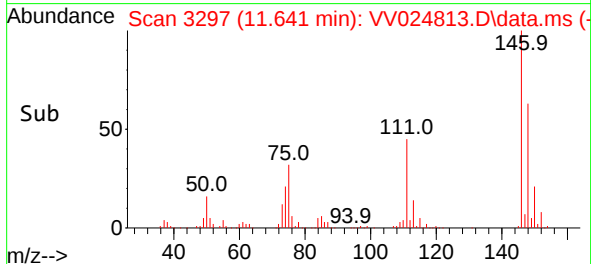
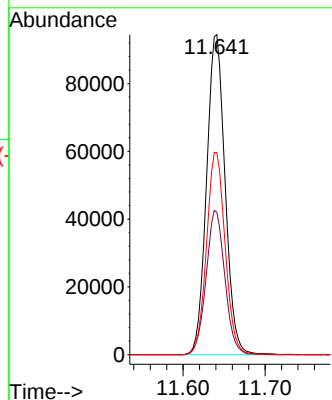


#67
1,2-Dichlorobenzene
Concen: 5.509 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :

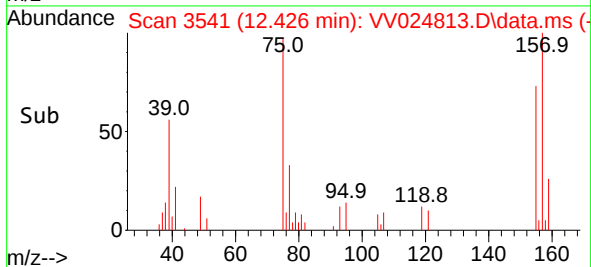
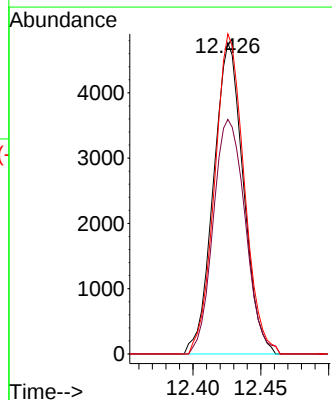
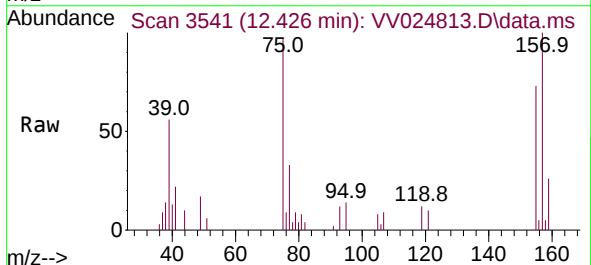


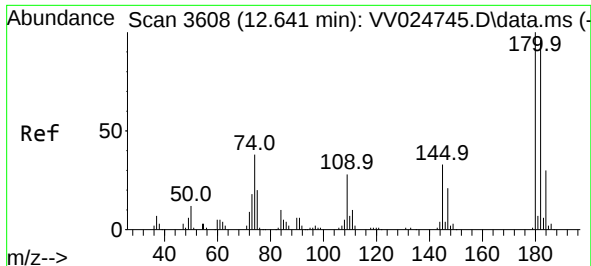
Tgt Ion:146 Resp: 148209
Ion Ratio Lower Upper
146 100
111 44.5 36.0 54.0
148 63.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.389 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion: 75 Resp: 7301
Ion Ratio Lower Upper
75 100
155 75.4 61.7 92.5
157 102.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.389 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

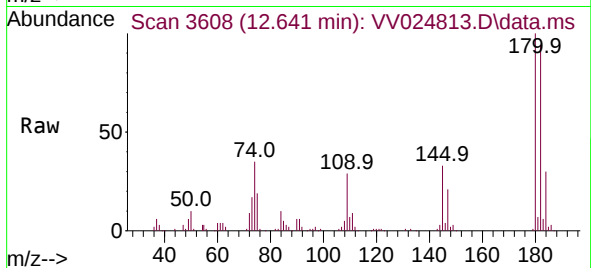
Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 116558

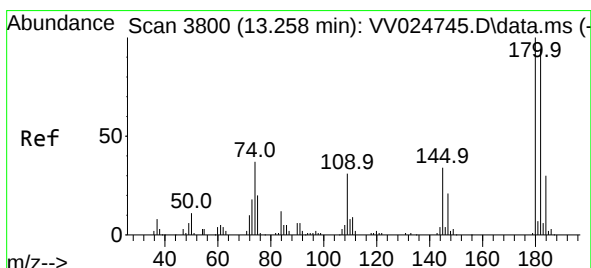
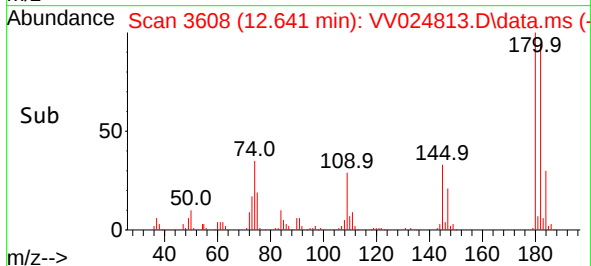
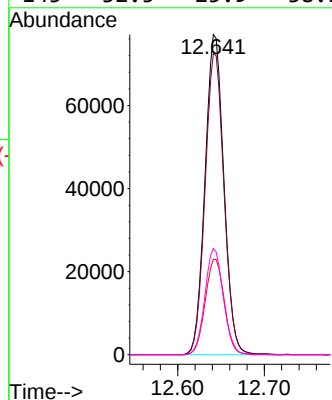
Ion Ratio Lower Upper

180 100

182 94.5 74.6 111.8

184 30.1 23.8 35.8

145 32.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 5.314 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024813.D

Acq: 24 Feb 2022 10:40

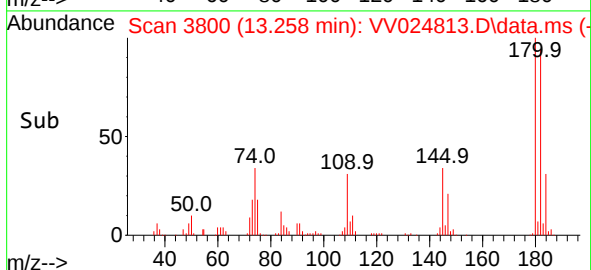
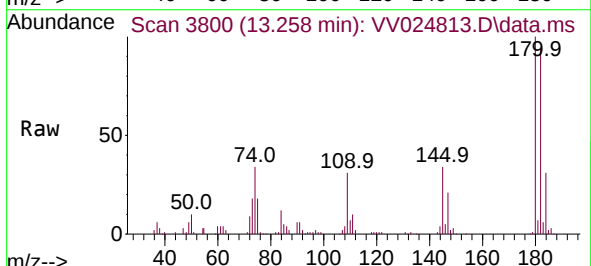
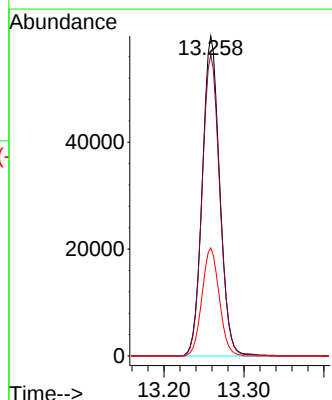
Tgt Ion:180 Resp: 90537

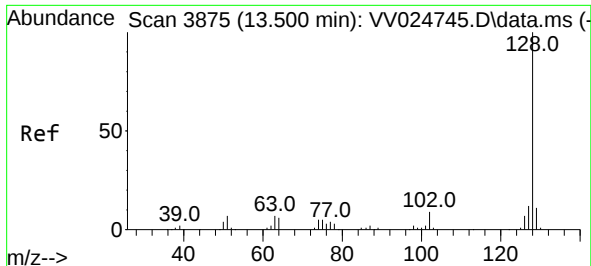
Ion Ratio Lower Upper

180 100

182 96.1 75.0 112.6

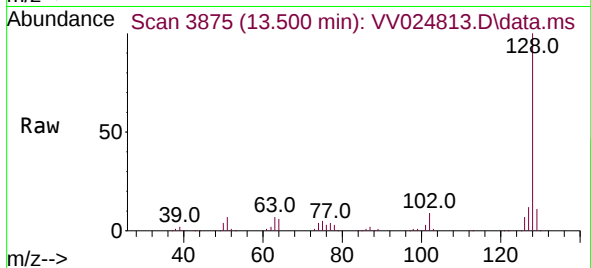
145 33.6 26.9 40.3



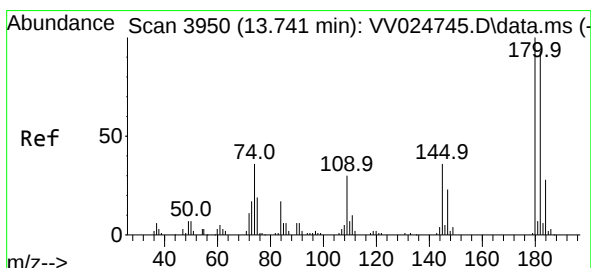
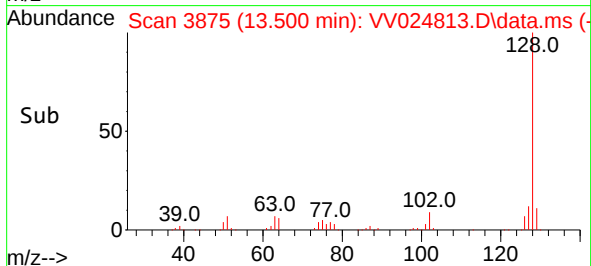
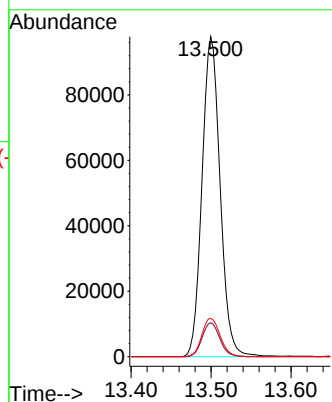


#71
Naphthalene
Concen: 5.316 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 154041
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 12.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.445 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024813.D
Acq: 24 Feb 2022 10:40

Tgt Ion:180 Resp: 77655
Ion Ratio Lower Upper
180 100
182 93.6 75.6 113.4
145 35.2 28.5 42.7

