

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028773.D
 Acq On : 31 Oct 2022 11:44
 Operator : SY/MD
 Sample : VSTD01071
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 02:58:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 02:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	425943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	386756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	178897	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39488	11.670	ug/L	0.00
7) Chloroethane-d5	1.564	69	33188	12.169	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	75462	12.653	ug/L	0.00
21) 2-Butanone-d5	3.889	46	54733	18.586	ug/L	0.02
24) Chloroform-d	4.346	84	58517	9.758	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	38784	9.977	ug/L	0.00
32) Benzene-d6	5.050	84	115502	9.426	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	40431	10.022	ug/L	0.00
41) Toluene-d8	7.313	98	100564	9.176	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	14358	7.369	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	33227	15.639	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	53911	9.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	34463	9.486	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	32461	10.197	ug/L	99
3) Chloromethane	1.240	50	56635	14.449	ug/L	99
5) Vinyl chloride	1.310	62	51681	13.442	ug/L	98
6) Bromomethane	1.519	94	26681	14.535	ug/L	94
8) Chloroethane	1.581	64	29021	12.304	ug/L	96
9) Trichlorofluoromethane	1.751	101	59909	12.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	33667	12.619	ug/L	98
12) 1,1-Dichloroethene	2.114	96	32173	12.287	ug/L	90
13) Acetone	2.162	43	56415	22.814	ug/L	98
14) Carbon disulfide	2.291	76	88420	10.930	ug/L	100
15) Methyl Acetate	2.429	43	50644	12.545	ug/L	98
16) Methylene chloride	2.503	84	41209	12.418	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	31033	10.548	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	108089	10.157	ug/L	98
19) 1,1-Dichloroethane	3.188	63	68901	11.342	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	34716	10.476	ug/L #	95
22) 2-Butanone	3.969	43	67019	21.599	ug/L	98
23) Bromochloromethane	4.246	128	16271	10.161	ug/L	92
25) Chloroform	4.371	83	65351	11.166	ug/L	99
27) 1,2-Dichloroethane	5.130	62	52977	11.632	ug/L	98
29) Cyclohexane	4.674	56	62166	10.955	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	50508	10.195	ug/L	98
31) Carbon tetrachloride	4.825	117	39583	9.607	ug/L	99
33) Benzene	5.098	78	143597	11.117	ug/L	100
34) Trichloroethene	5.915	95	32293	10.246	ug/L	96
35) Methylcyclohexane	6.127	83	55815	10.096	ug/L	97
37) 1,2-Dichloropropane	6.172	63	38396	11.060	ug/L	99
38) Bromodichloromethane	6.510	83	41752	9.465	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	46987	8.739	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	127202	21.469	ug/L	98
42) Toluene	7.384	91	142026	10.701	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42418	8.261	ug/L	97

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

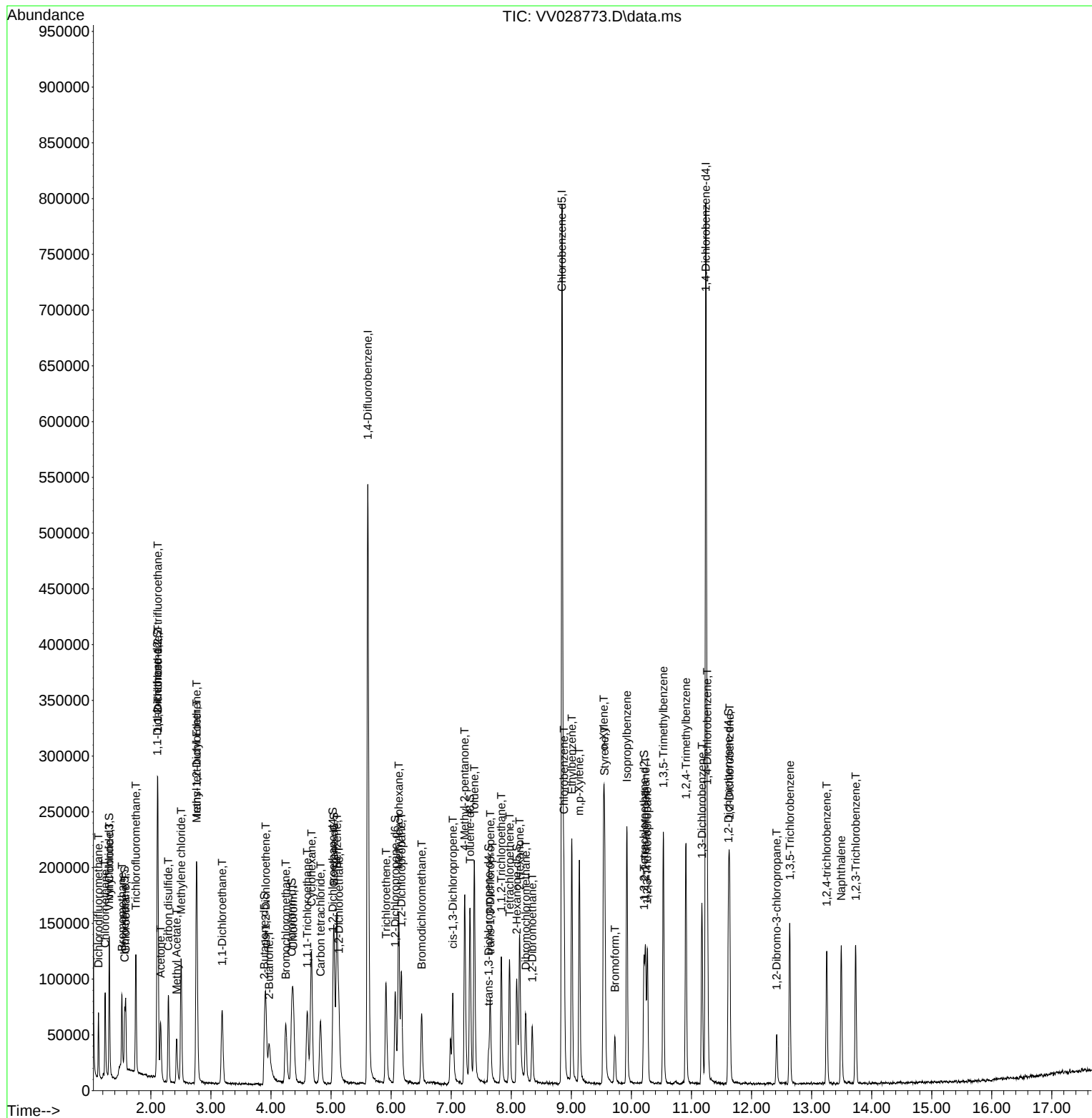
45) 1,1,2-Trichloroethane	7.834	97	33727	10.637	ug/L	96
46) Tetrachloroethene	7.973	164	21573	9.568	ug/L	95
48) 2-Hexanone	8.140	43	93148	20.386	ug/L	99
49) Dibromochloromethane	8.243	129	29401	8.894	ug/L	98
50) 1,2-Dibromoethane	8.349	107	33608	10.307	ug/L	100
51) Chlorobenzene	8.876	112	86156	10.432	ug/L	98
52) Ethylbenzene	9.008	91	146114	10.116	ug/L	99
53) m,p-Xylene	9.133	106	51729	9.509	ug/L	95
54) o-Xylene	9.538	106	53613	9.868	ug/L	97
55) Styrene	9.554	104	88903	9.522	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	59024	10.734	ug/L	97
59) Bromoform	9.725	173	16875	7.961	ug/L	99
60) Isopropylbenzene	9.924	105	141759	10.899	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	46160	11.886	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	115447	10.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	113330	10.194	ug/L	99
64) 1,3-Dichlorobenzene	11.175	146	58671	10.407	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	59111	10.496	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	60667	10.667	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	10679	9.336	ug/L	99
69) 1,3,5-Trichlorobenzene	12.638	180	39649	9.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	31896	8.677	ug/L	97
71) Naphthalene	13.493	128	93795	8.103	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	31692	8.730	ug/L	98

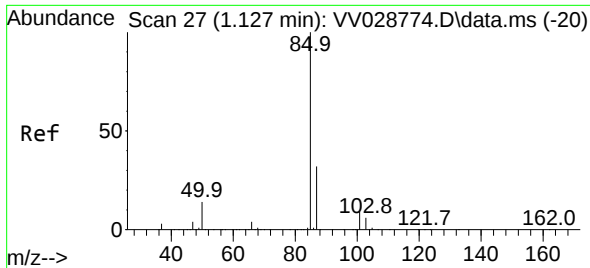
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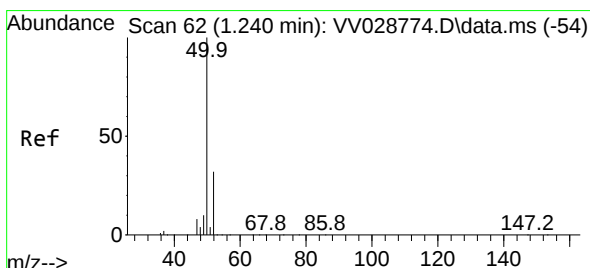
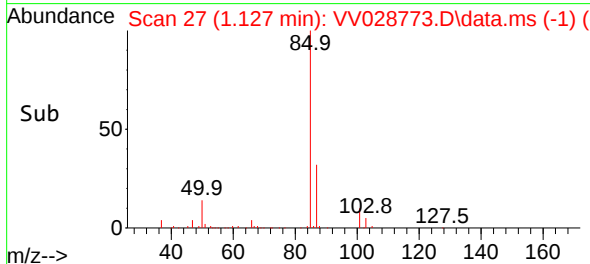
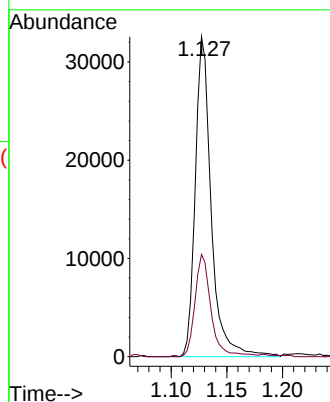
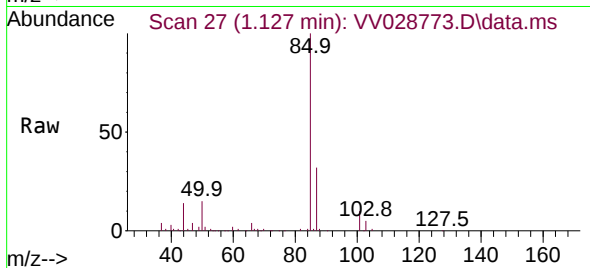




#2
 Dichlorodifluoromethane
 Concen: 10.197 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028773.D
 Acq: 31 Oct 2022 11:44

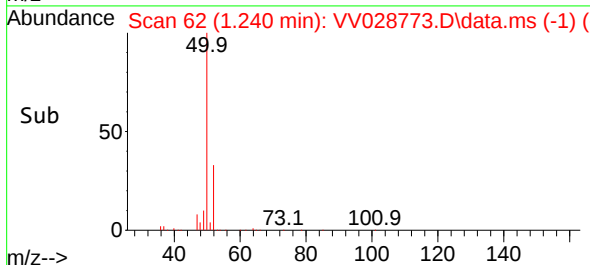
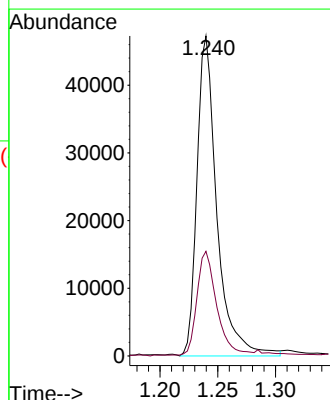
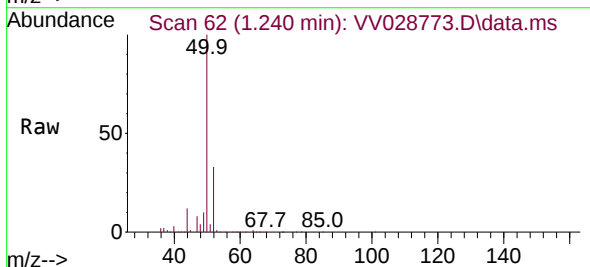
Instrument :
 MSVOA_V
 ClientSampleId :

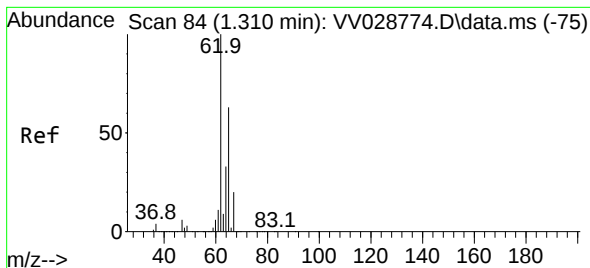
Tgt Ion: 85 Resp: 32461
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.4 38.0



#3
 Chloromethane
 Concen: 14.449 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028773.D
 Acq: 31 Oct 2022 11:44

Tgt Ion: 50 Resp: 56635
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1





#5

Vinyl chloride

Concen: 13.442 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

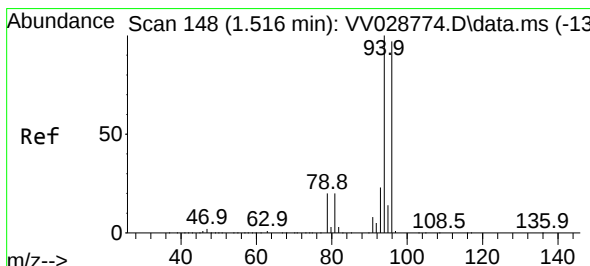
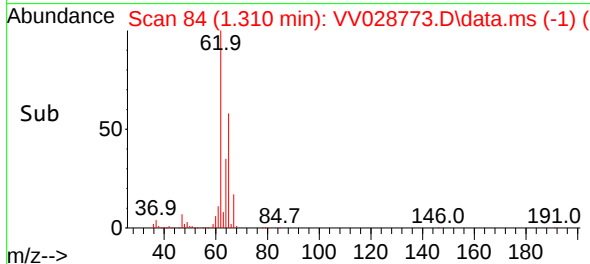
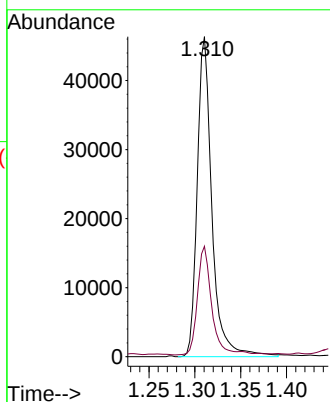
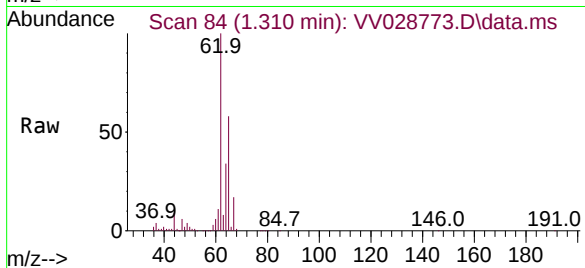
ClientSampleId :

Tgt Ion: 62 Resp: 51681

Ion Ratio Lower Upper

62 100

64 34.5 23.2 43.0



#6

Bromomethane

Concen: 14.535 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV028773.D

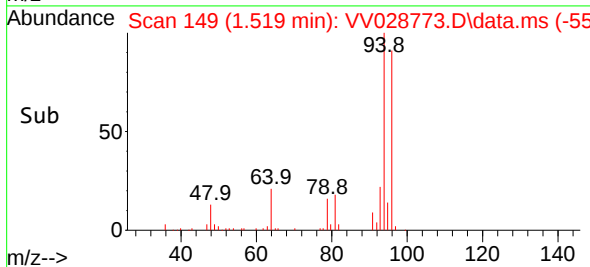
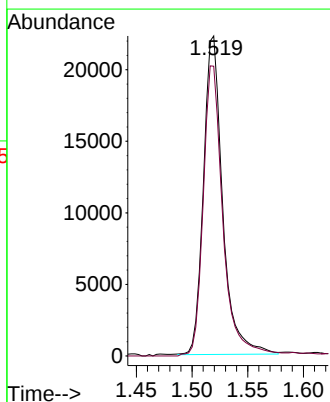
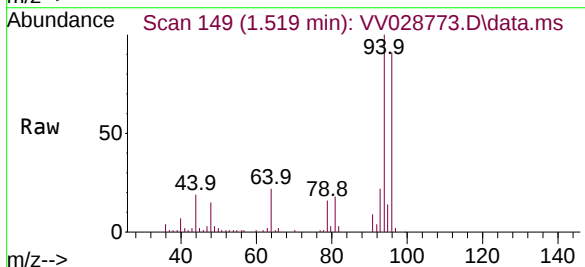
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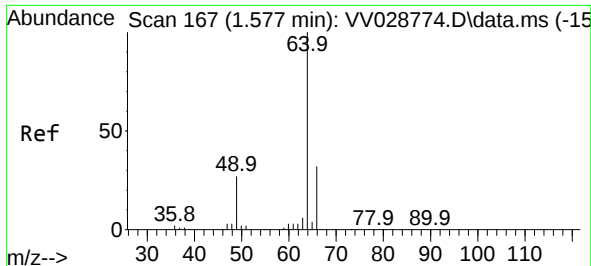
Tgt Ion: 94 Resp: 26681

Ion Ratio Lower Upper

94 100

96 90.6 67.6 125.6





#8

Chloroethane

Concen: 12.304 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

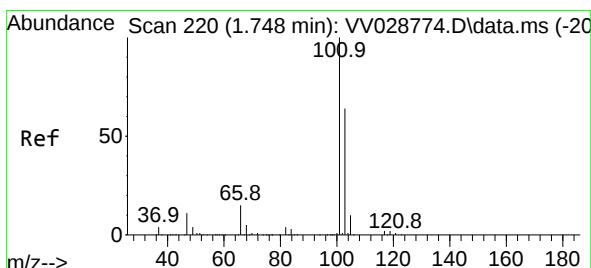
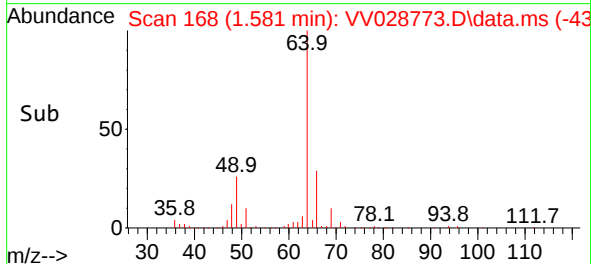
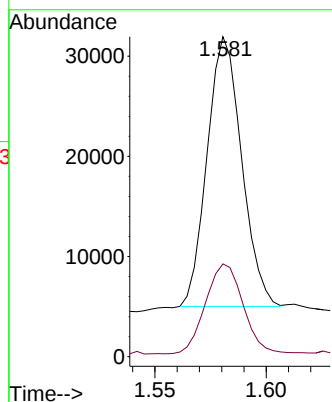
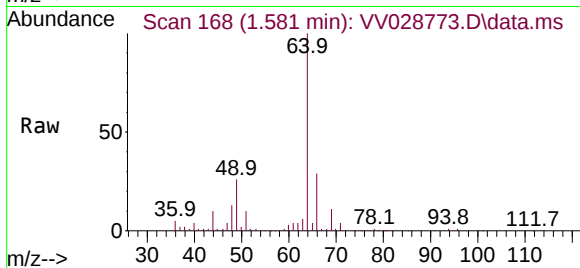
ClientSampleId :

Tgt Ion: 64 Resp: 29021

Ion Ratio Lower Upper

64 100

66 29.0 21.7 40.3



#9

Trichlorofluoromethane

Concen: 12.763 ug/L

RT: 1.751 min Scan# 221

Delta R.T. 0.003 min

Lab File: VV028773.D

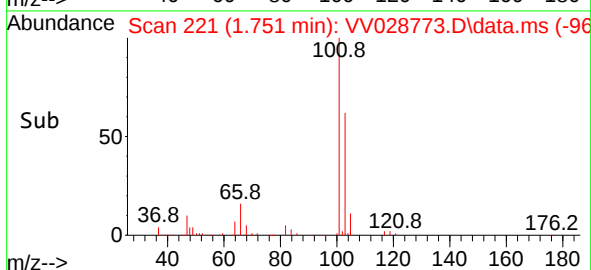
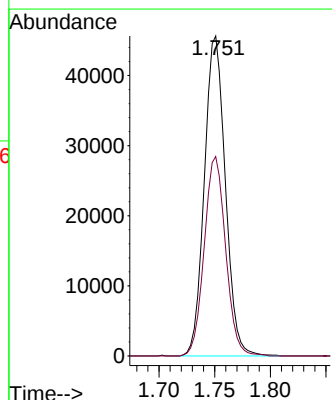
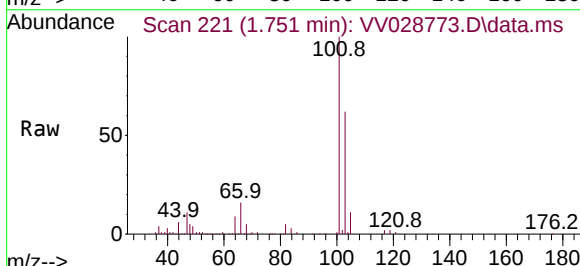
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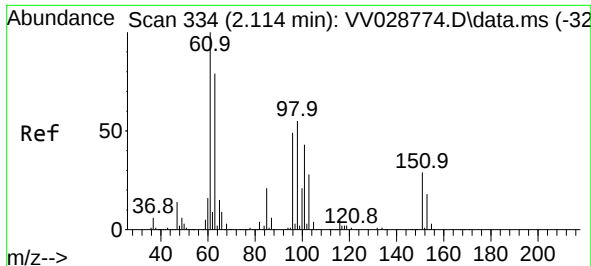
Tgt Ion:101 Resp: 59909

Ion Ratio Lower Upper

101 100

103 63.4 51.6 77.4

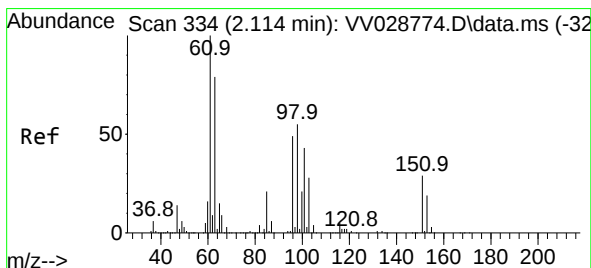
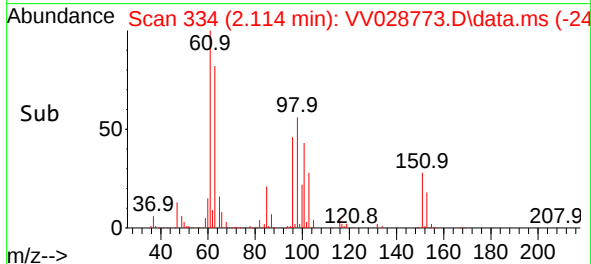
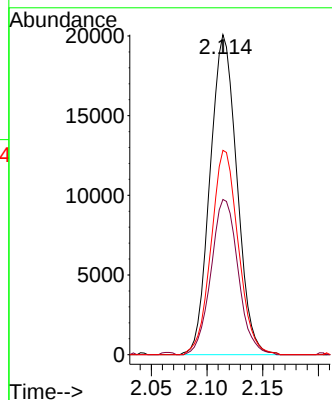
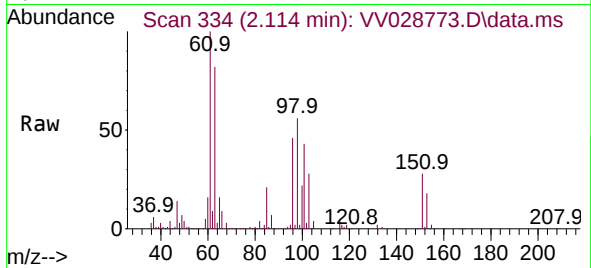




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.619 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028773.D
 Acq: 31 Oct 2022 11:44

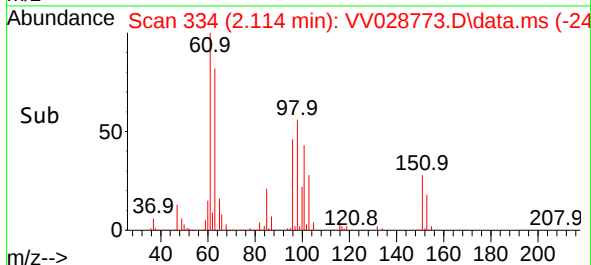
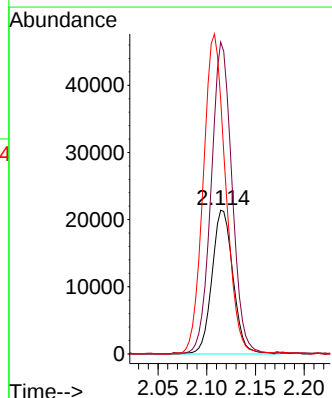
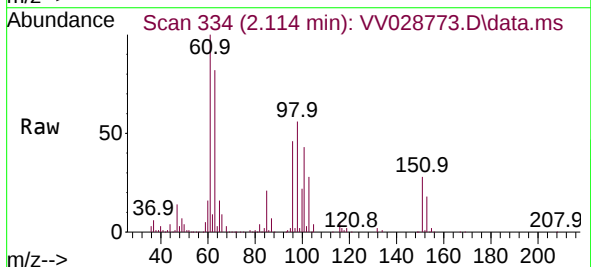
Instrument :
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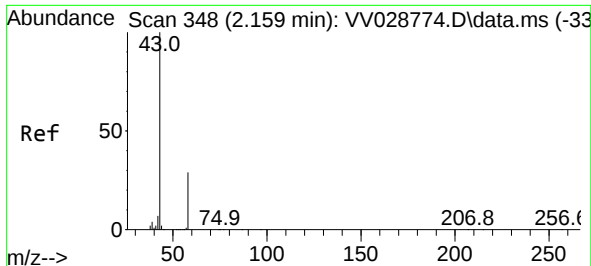
Tgt Ion:101 Resp: 33667
 Ion Ratio Lower Upper
 101 100
 85 49.0 38.0 57.0
 151 64.7 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 12.287 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028773.D
 Acq: 31 Oct 2022 11:44

Tgt Ion: 96 Resp: 32173
 Ion Ratio Lower Upper
 96 100
 61 216.9 142.7 265.1
 63 177.0 112.5 208.9





#13

Acetone

Concen: 22.814 ug/L

RT: 2.162 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

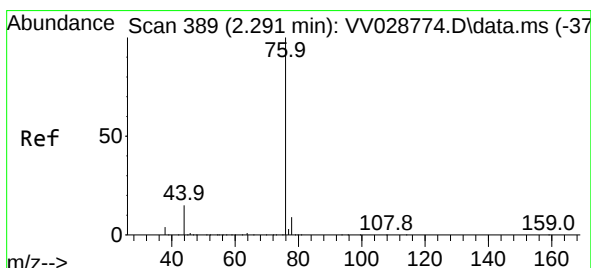
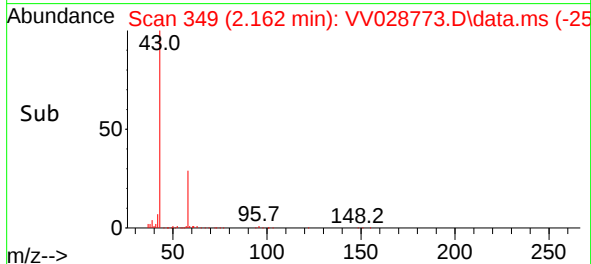
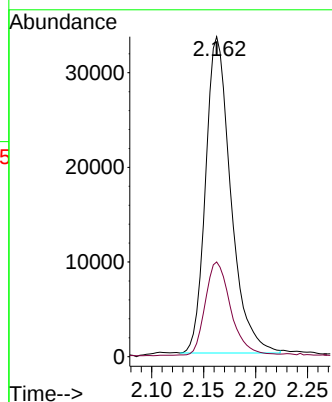
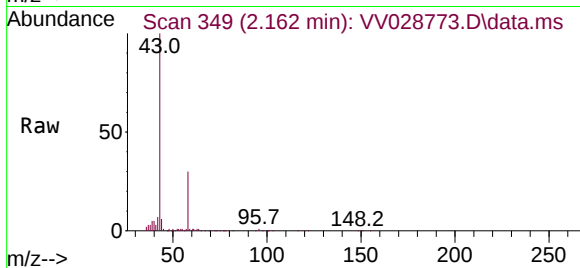
ClientSampleId :

Tgt Ion: 43 Resp: 56415

Ion Ratio Lower Upper

43 100

58 30.8 0.0 59.0



#14

Carbon disulfide

Concen: 10.930 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028773.D

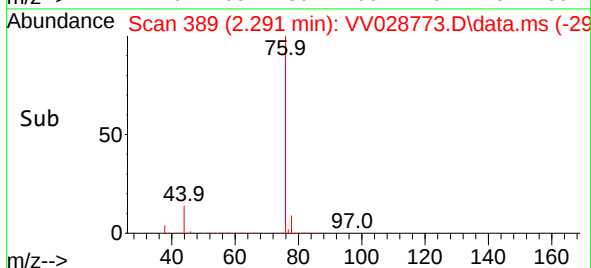
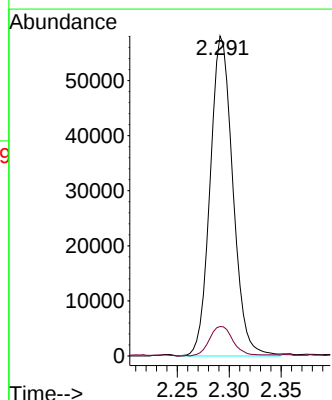
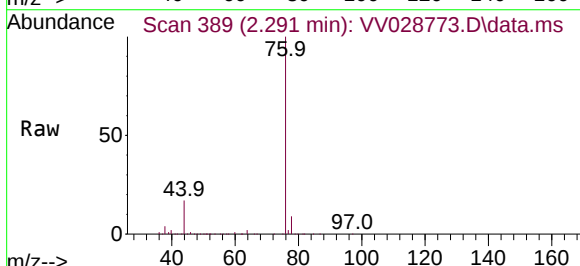
Acq: 31 Oct 2022 11:44

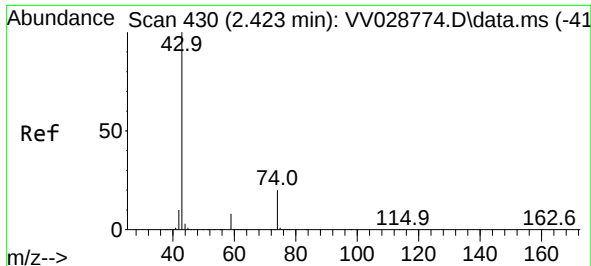
Tgt Ion: 76 Resp: 88420

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

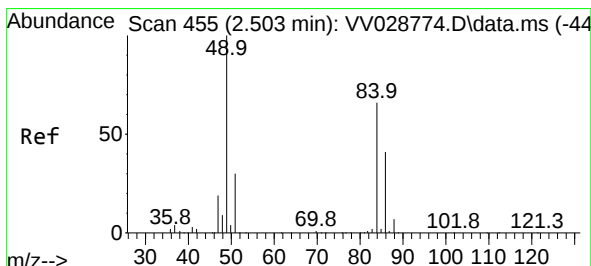
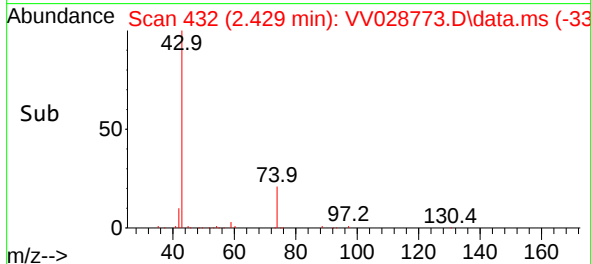
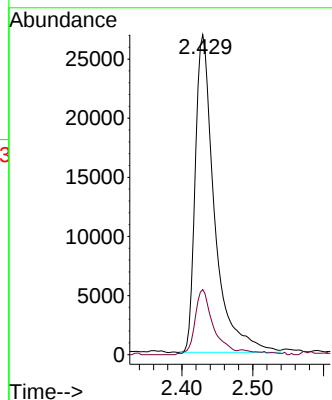
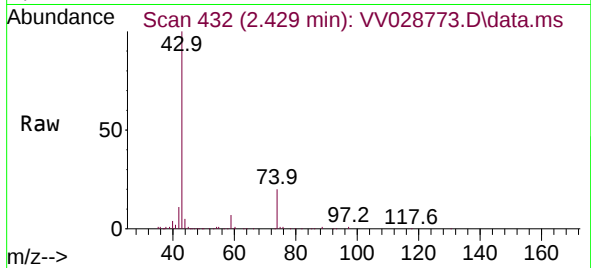




#15
Methyl Acetate
Concen: 12.545 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

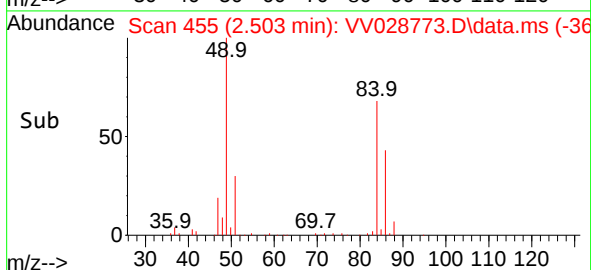
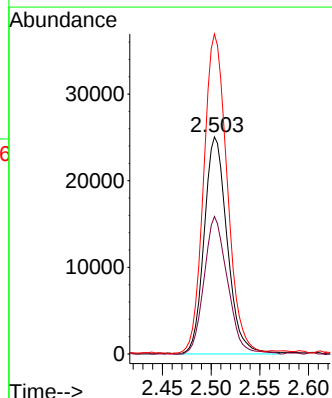
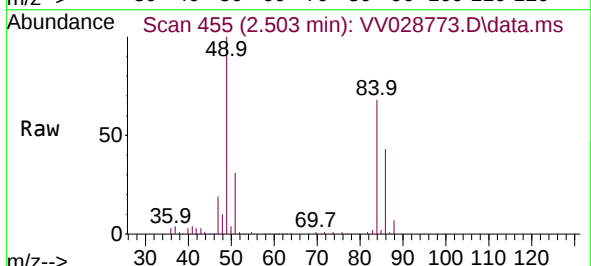
Instrument :
MSVOA_V
ClientSampleId :

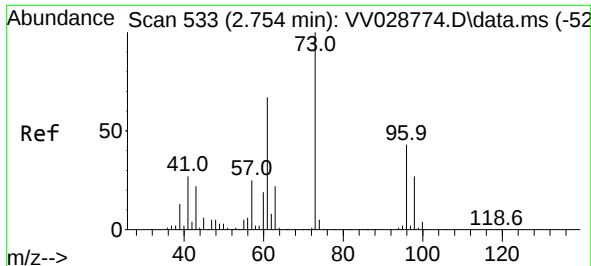
Tgt Ion: 43 Resp: 50644
Ion Ratio Lower Upper
43 100
74 18.5 15.6 23.4



#16
Methylene chloride
Concen: 12.418 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 84 Resp: 41209
Ion Ratio Lower Upper
84 100
86 63.3 43.7 81.1
49 147.4 105.3 195.5

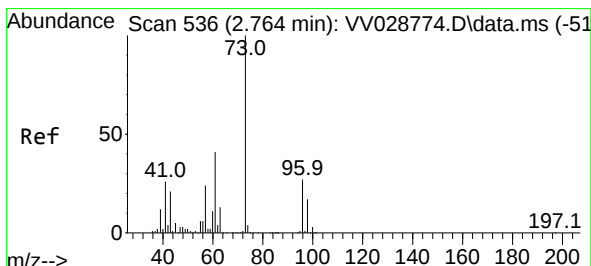
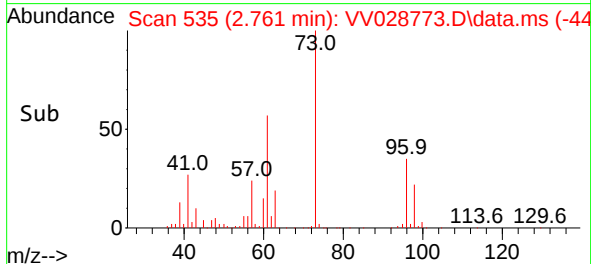
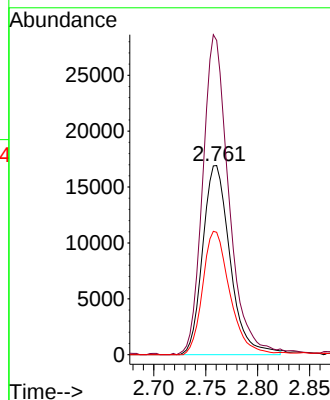
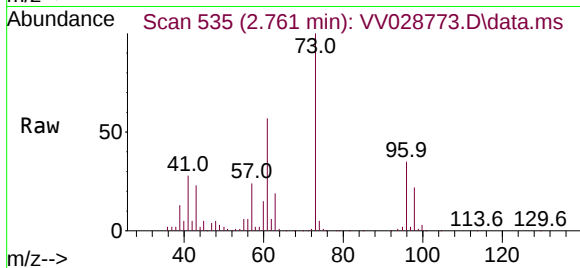




#17
trans-1,2-Dichloroethene
Concen: 10.548 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

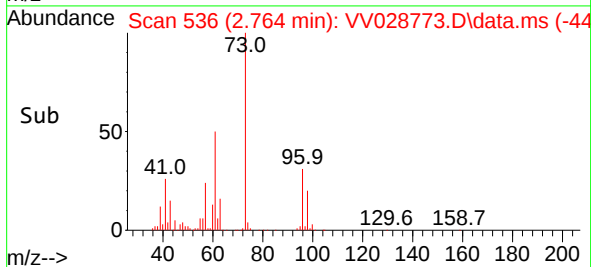
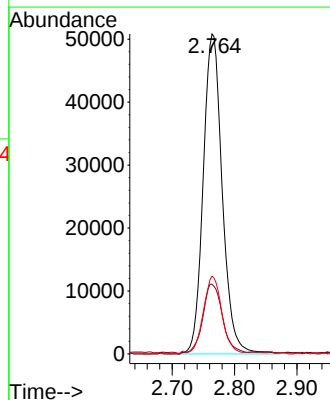
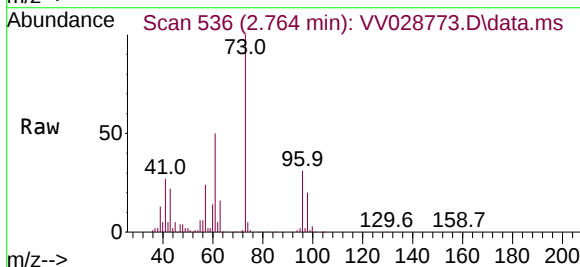
Instrument :
MSVOA_V
ClientSampleId :

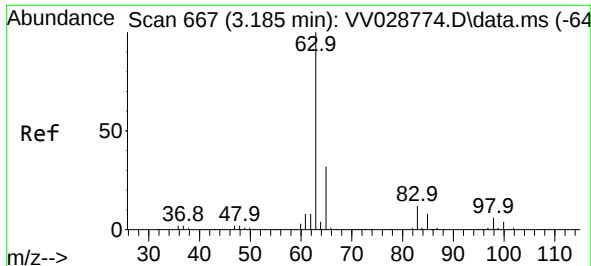
Tgt Ion: 96 Resp: 31033
Ion Ratio Lower Upper
96 100
61 166.1 109.4 203.2
98 64.8 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 10.157 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 73 Resp: 108089
Ion Ratio Lower Upper
73 100
43 21.3 17.1 25.7
57 22.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 11.342 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

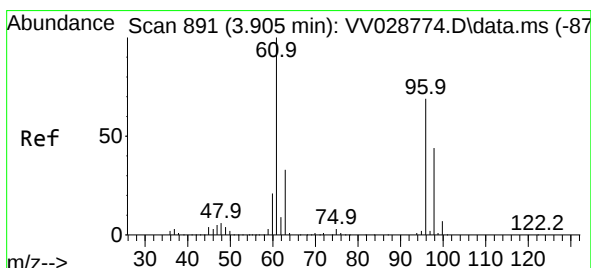
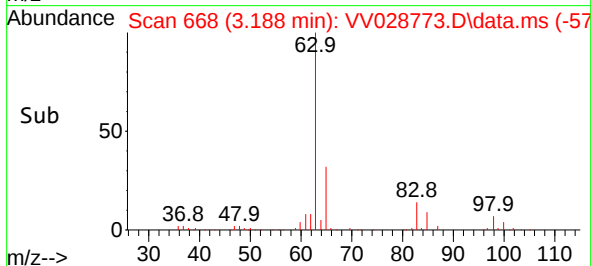
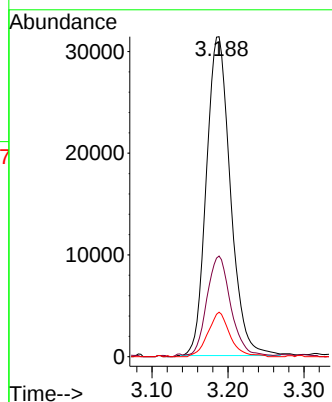
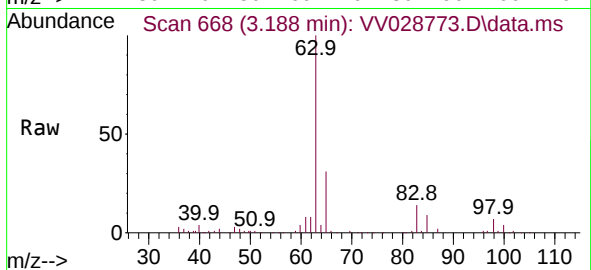
Tgt Ion: 63 Resp: 68901

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.9

83 14.8 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 10.476 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

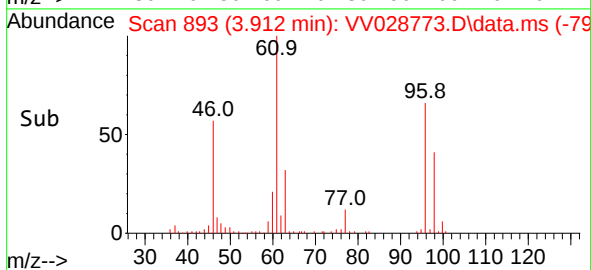
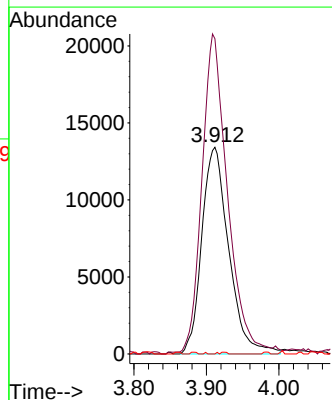
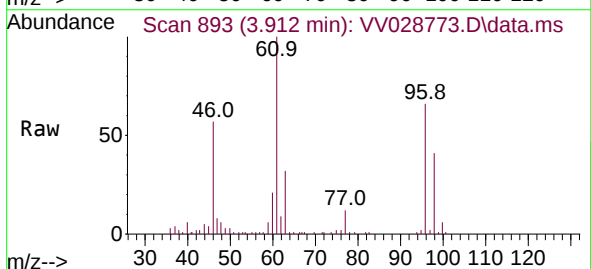
Tgt Ion: 96 Resp: 34716

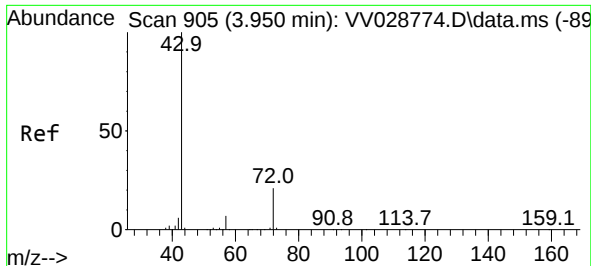
Ion Ratio Lower Upper

96 100

61 152.5 102.3 190.1

68 0.0 0.1 0.3#

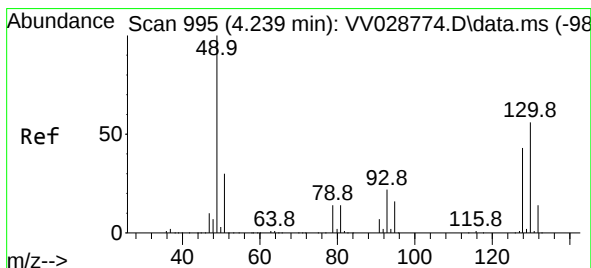
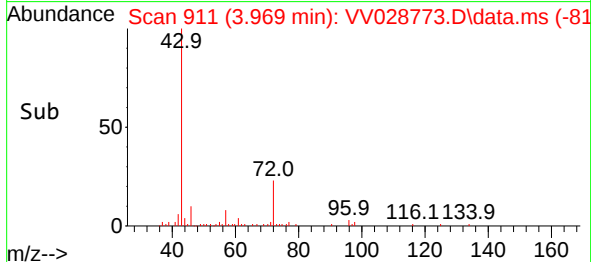
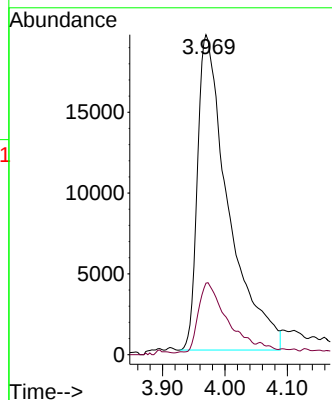
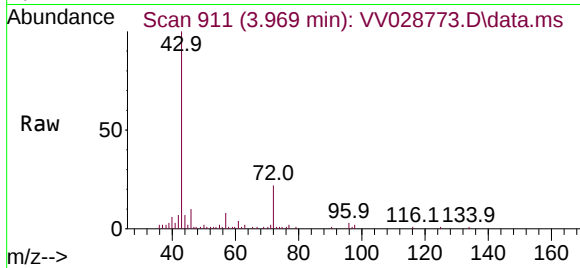




#22
2-Butanone
Concen: 21.599 ug/L
RT: 3.969 min Scan# 911
Delta R.T. 0.019 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

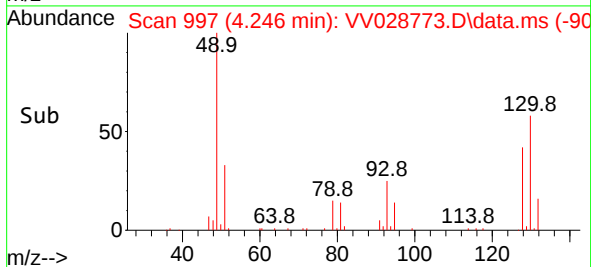
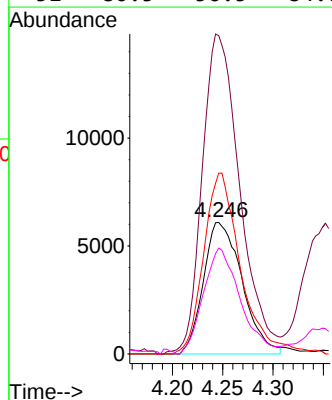
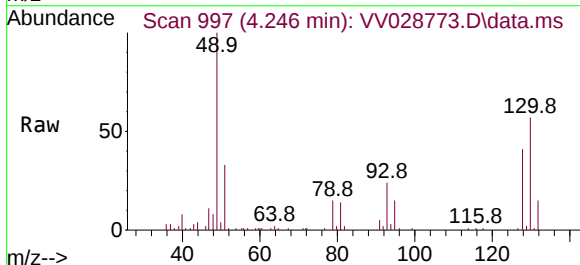
Instrument :
MSVOA_V
ClientSampleId :

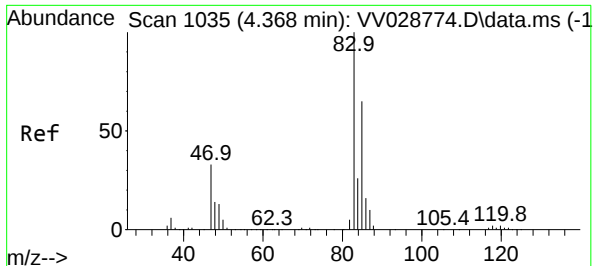
Tgt Ion: 43 Resp: 67019
Ion Ratio Lower Upper
43 100
72 18.9 10.0 30.0



#23
Bromochloromethane
Concen: 10.161 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.007 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 128 Resp: 16271
Ion Ratio Lower Upper
128 100
49 242.0 161.8 300.6
130 137.4 89.9 166.9
51 80.5 56.5 84.7





#25

Chloroform

Concen: 11.166 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

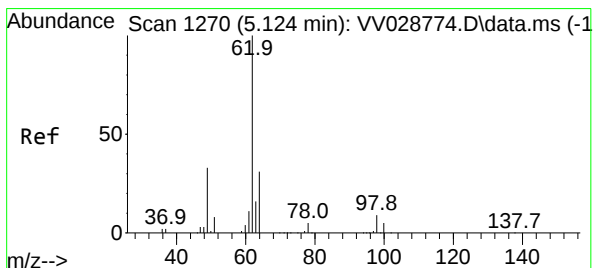
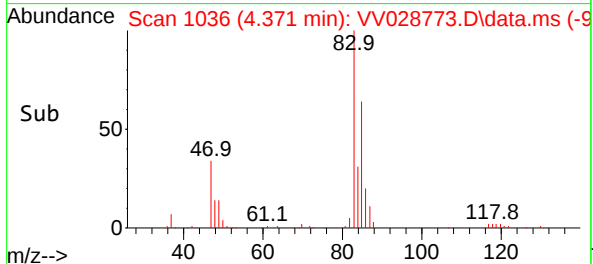
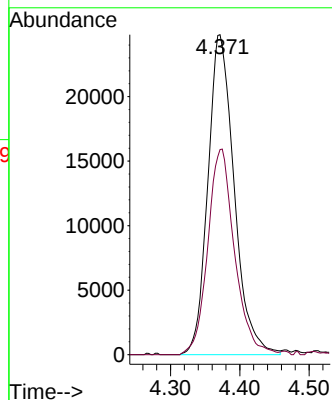
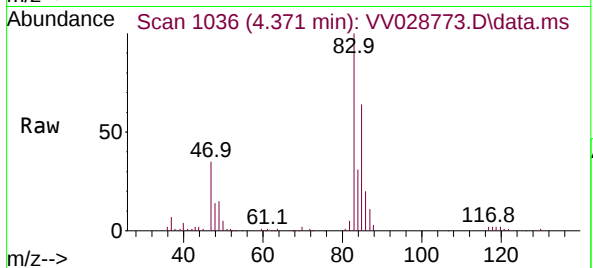
ClientSampleId :

Tgt Ion: 83 Resp: 65351

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 11.632 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV028773.D

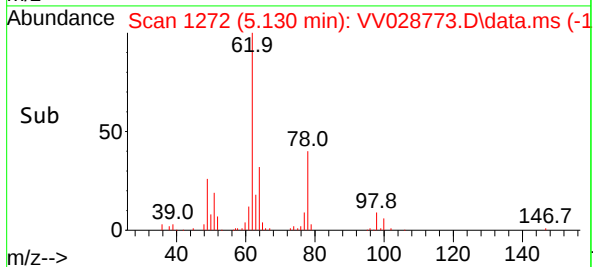
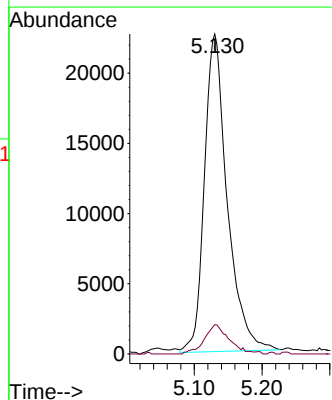
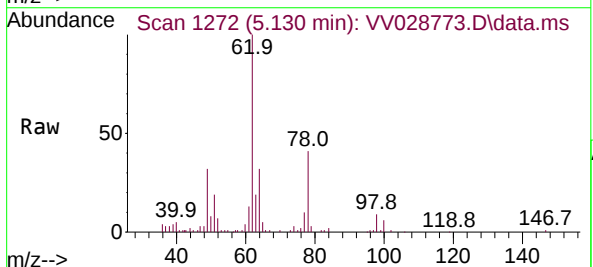
Acq: 31 Oct 2022 11:44

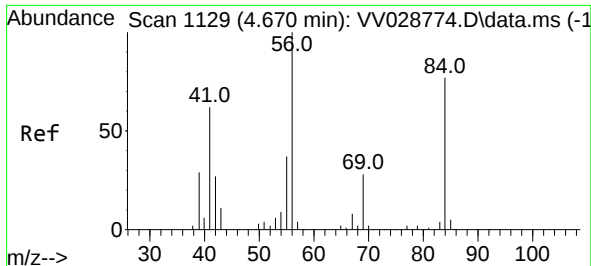
Tgt Ion: 62 Resp: 52977

Ion Ratio Lower Upper

62 100

98 9.2 6.9 10.3

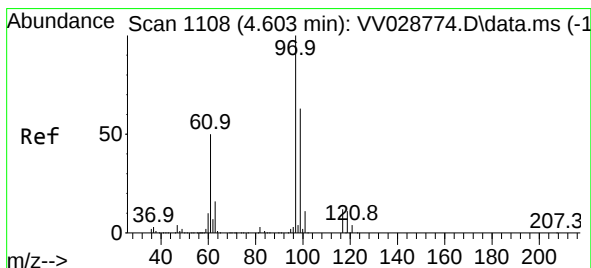
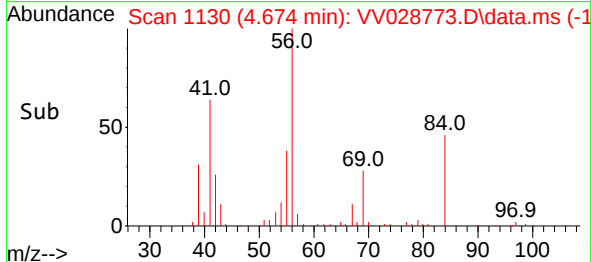
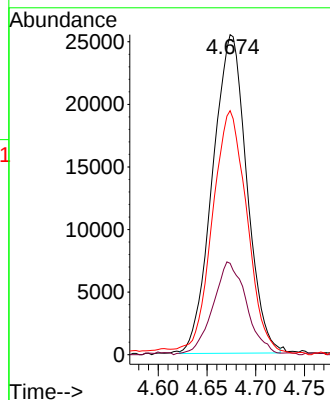
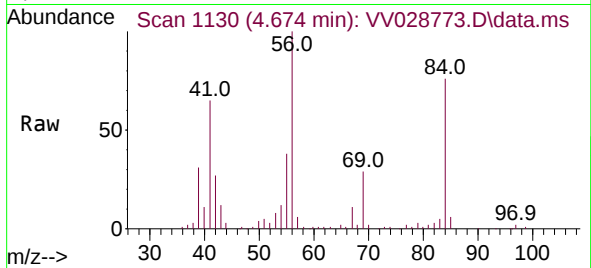




#29
Cyclohexane
Concen: 10.955 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

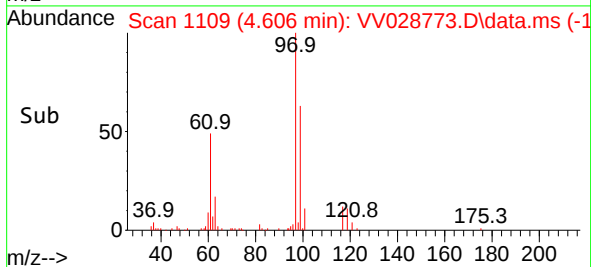
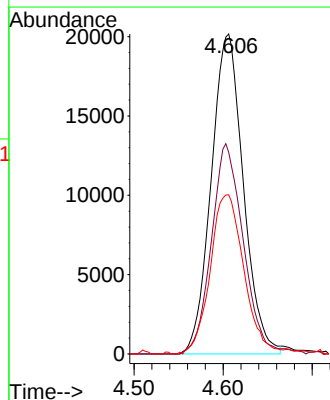
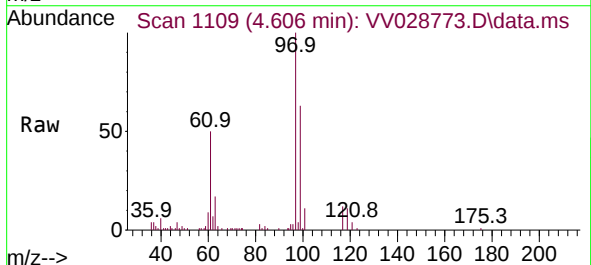
Instrument :
MSVOA_V
ClientSampleId :

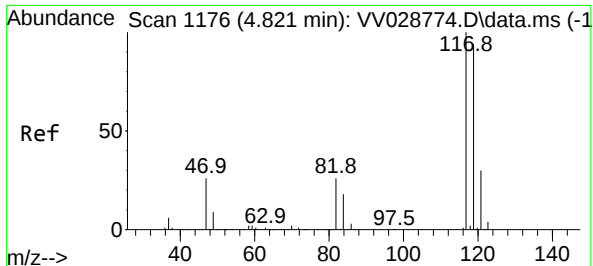
Tgt Ion: 56 Resp: 62166
Ion Ratio Lower Upper
56 100
69 28.6 22.2 33.2
84 78.2 62.3 93.5



#30
1,1,1-Trichloroethane
Concen: 10.195 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 97 Resp: 50508
Ion Ratio Lower Upper
97 100
99 64.7 50.2 75.4
61 52.0 40.2 60.4

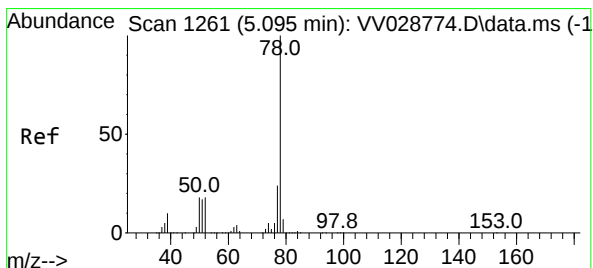
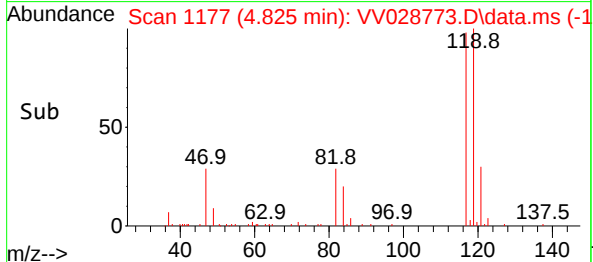
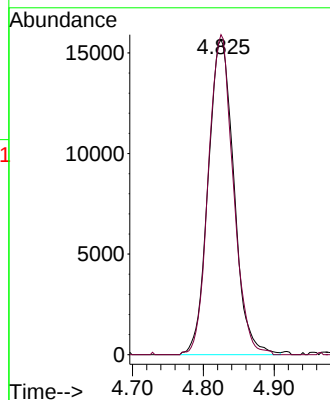
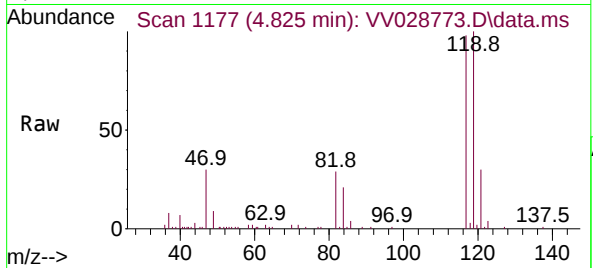




#31
Carbon tetrachloride
Concen: 9.607 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

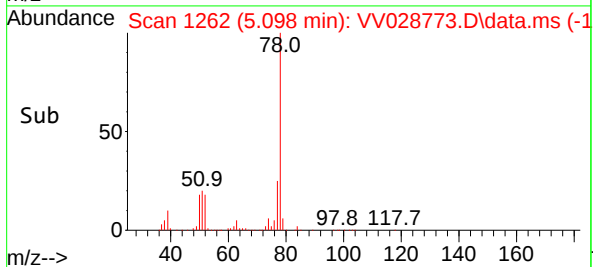
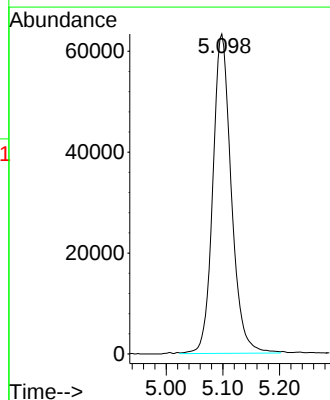
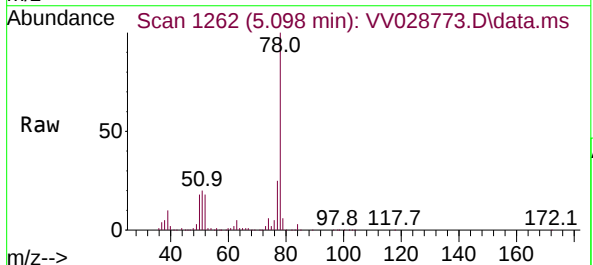
Instrument :
MSVOA_V
ClientSampleId :

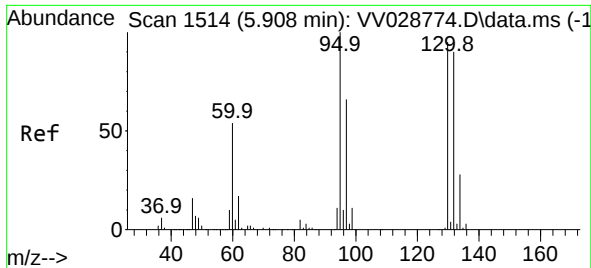
Tgt Ion:117 Resp: 39583
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 11.117 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

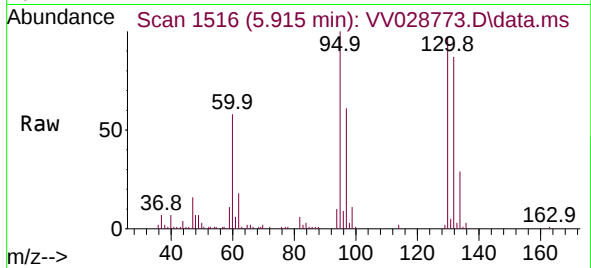
Tgt Ion: 78 Resp: 143597



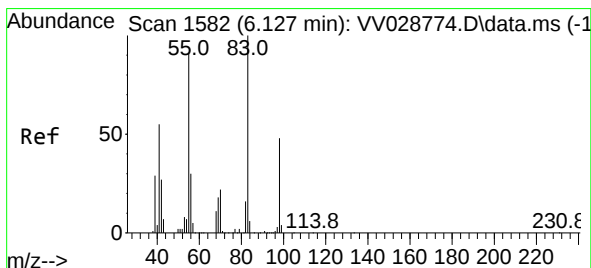
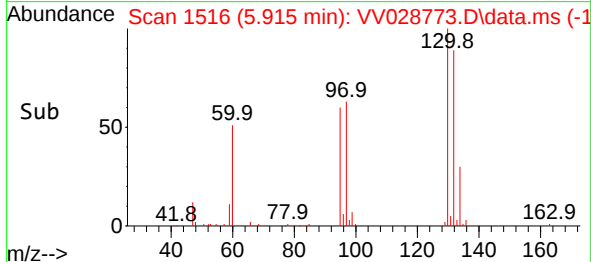
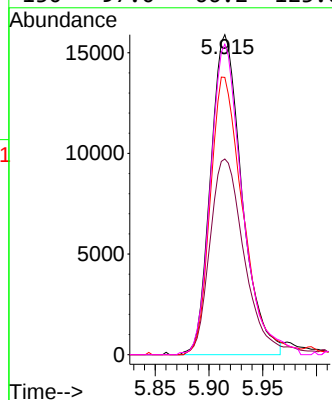


#34
Trichloroethene
Concen: 10.246 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Instrument :
MSVOA_V
ClientSampleId :

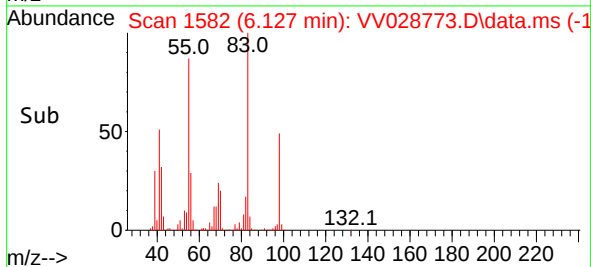
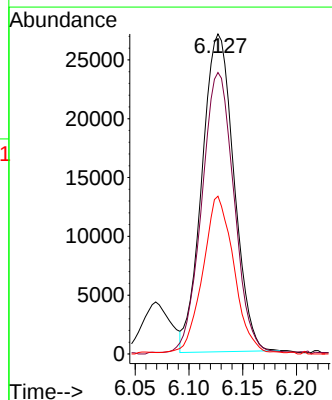
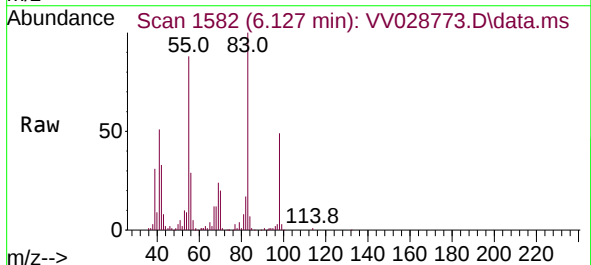


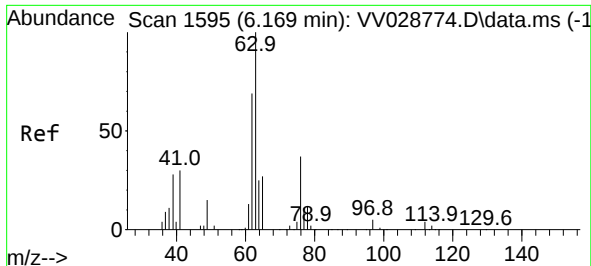
Tgt Ion: 95 Resp: 32293
Ion Ratio Lower Upper
95 100
97 61.2 46.2 85.8
132 86.6 63.2 117.4
130 97.0 66.2 123.0



#35
Methylcyclohexane
Concen: 10.096 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 83 Resp: 55815
Ion Ratio Lower Upper
83 100
55 90.5 69.4 104.2
98 47.8 37.0 55.4





#37

1,2-Dichloropropane

Concen: 11.060 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

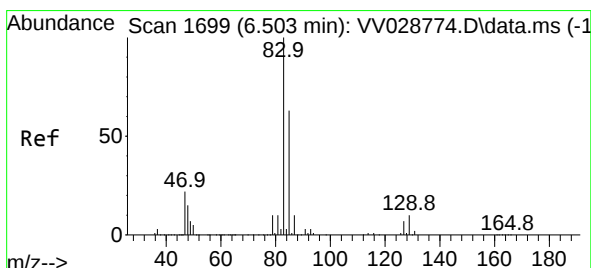
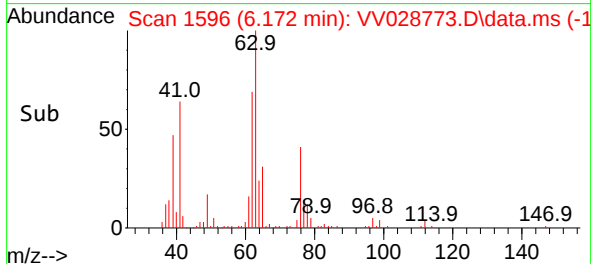
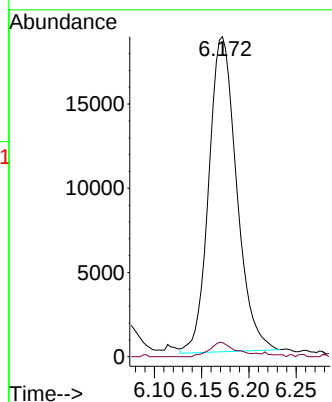
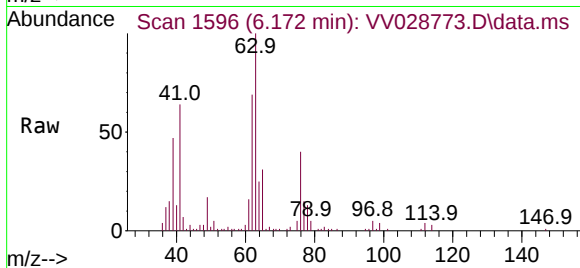
ClientSampleId :

Tgt Ion: 63 Resp: 38396

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 9.465 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

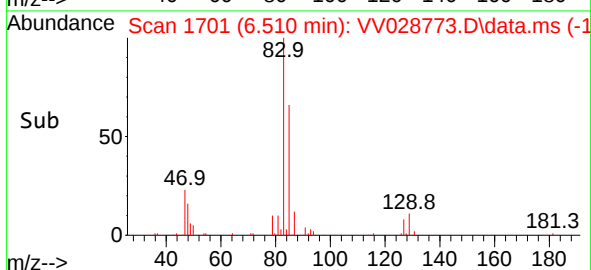
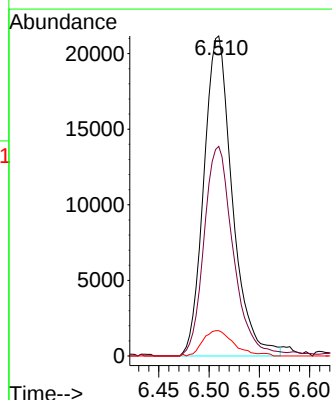
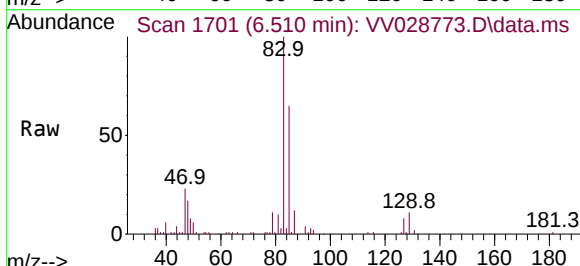
Tgt Ion: 83 Resp: 41752

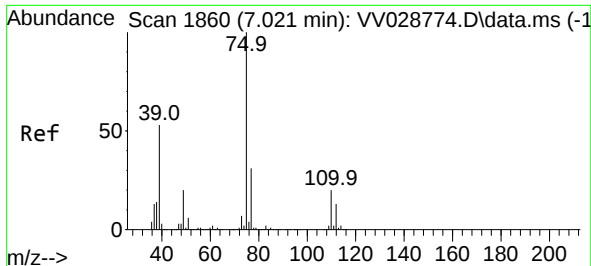
Ion Ratio Lower Upper

83 100

85 65.5 44.3 82.3

127 9.3 5.8 8.8#





#39

cis-1,3-Dichloropropene

Concen: 8.739 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

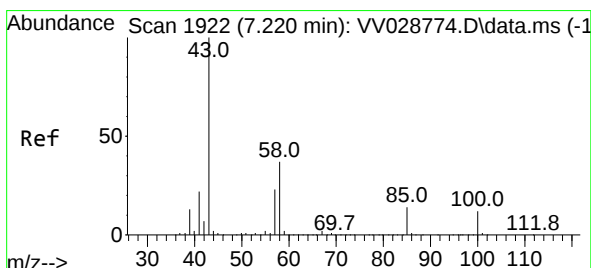
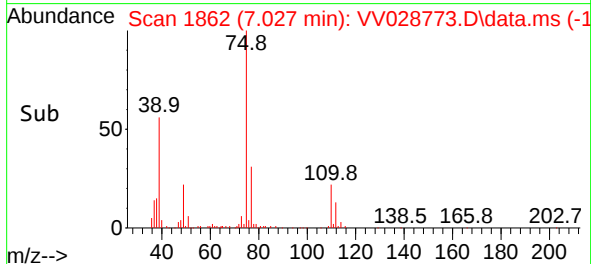
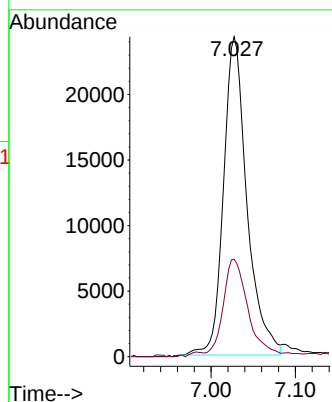
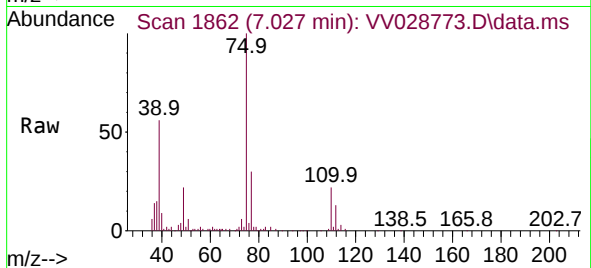
ClientSampleId :

Tgt Ion: 75 Resp: 46987

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 21.469 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

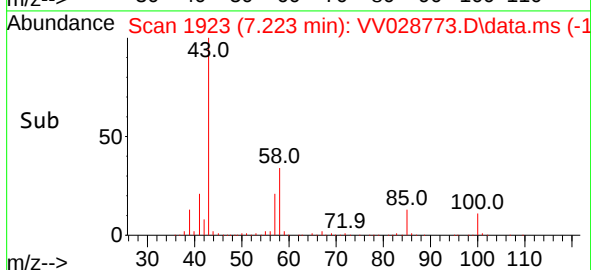
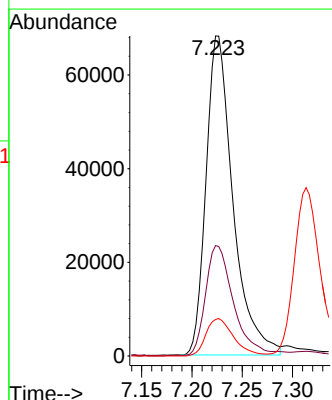
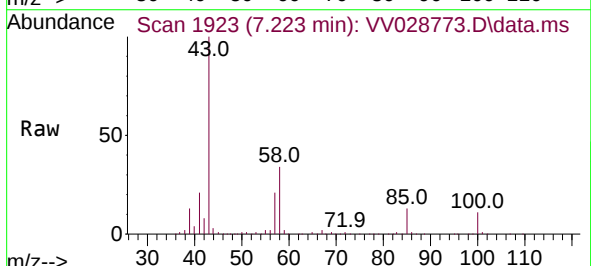
Tgt Ion: 43 Resp: 127202

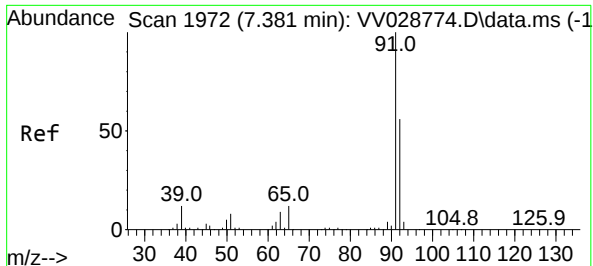
Ion Ratio Lower Upper

43 100

58 35.2 29.1 43.7

100 12.1 9.5 14.3





#42

Toluene

Concen: 10.701 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

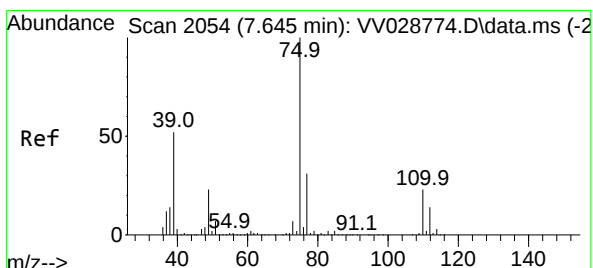
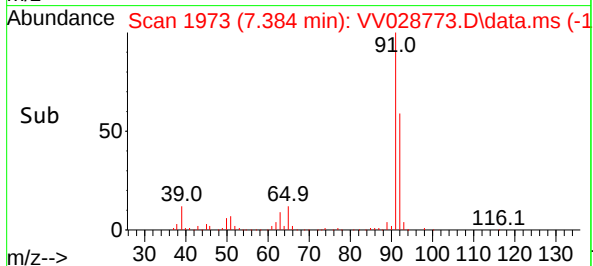
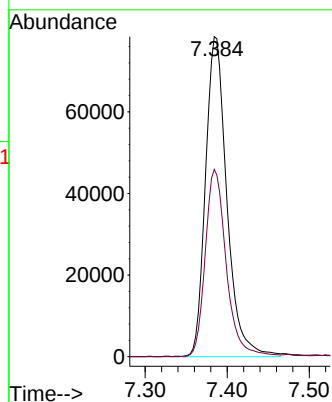
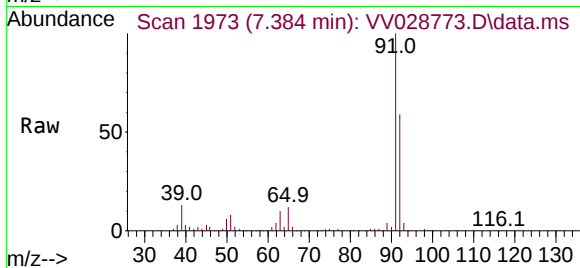
ClientSampleId :

Tgt Ion: 91 Resp: 142026

Ion Ratio Lower Upper

91 100

92 58.5 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 8.261 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.006 min

Lab File: VV028773.D

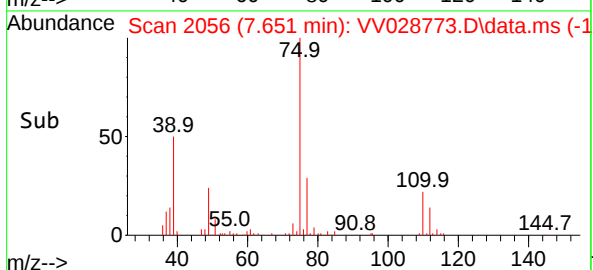
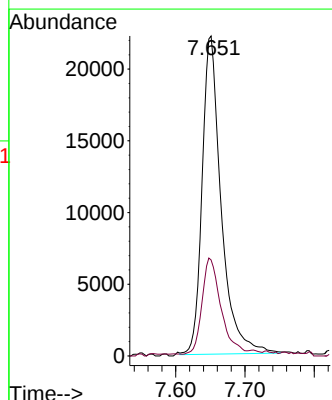
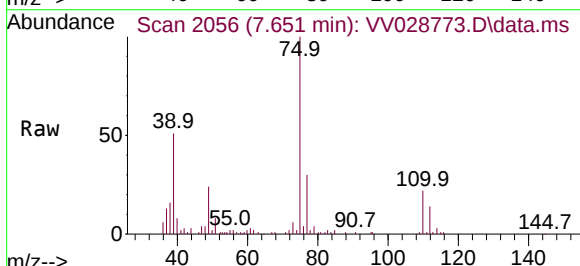
Acq: 31 Oct 2022 11:44

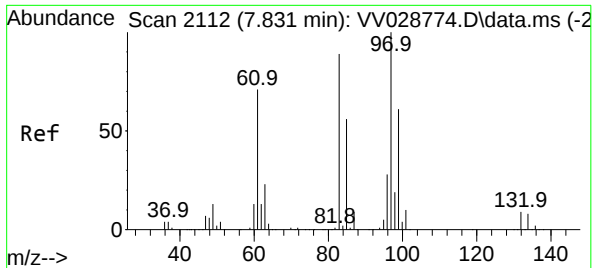
Tgt Ion: 75 Resp: 42418

Ion Ratio Lower Upper

75 100

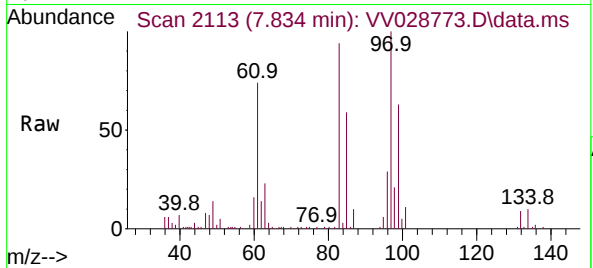
77 30.0 22.0 41.0



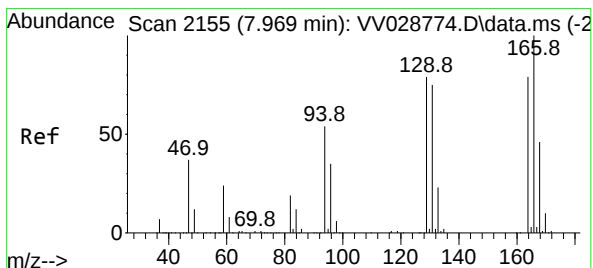
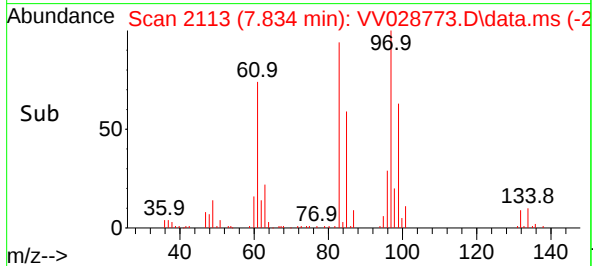
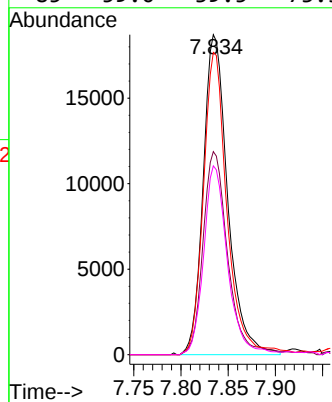


#45
1,1,2-Trichloroethane
Concen: 10.637 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Instrument :
MSVOA_V
ClientSampleId :

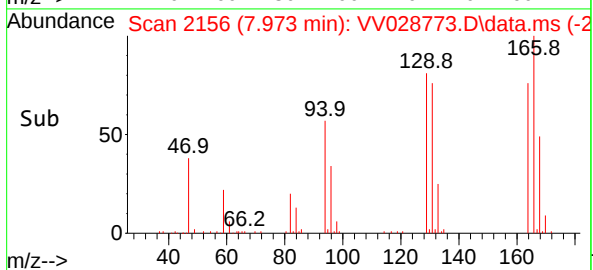
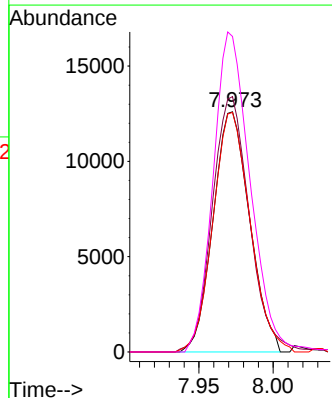
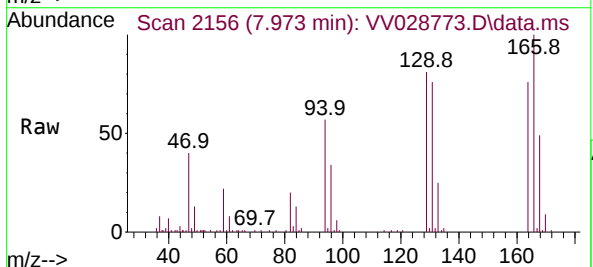


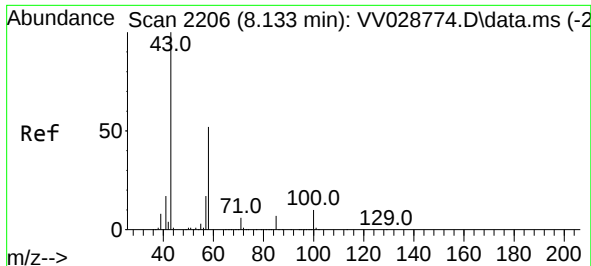
Tgt Ion:	97	Resp:	33727
Ion	Ratio	Lower	Upper
97	100		
99	63.5	42.9	79.7
83	94.4	62.7	116.5
85	59.0	39.5	73.3



#46
Tetrachloroethene
Concen: 9.568 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion:	164	Resp:	21573
Ion	Ratio	Lower	Upper
164	100		
129	106.3	69.5	129.1
131	99.7	66.4	123.2
166	131.4	88.5	164.3

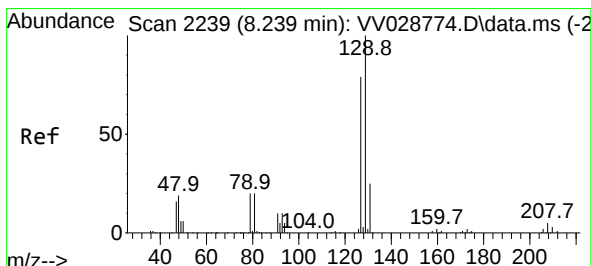
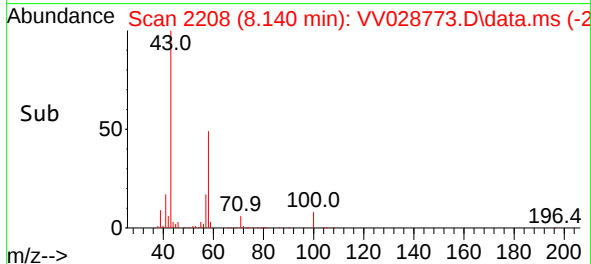
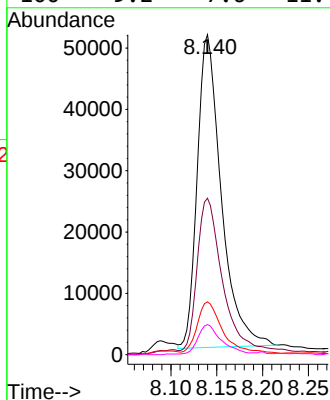
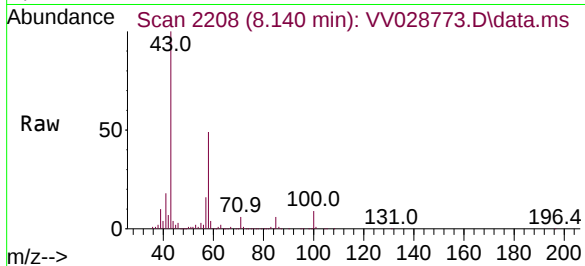




#48
2-Hexanone
Concen: 20.386 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

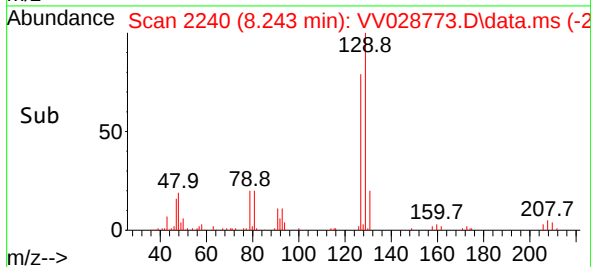
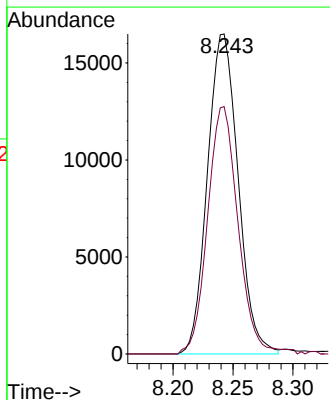
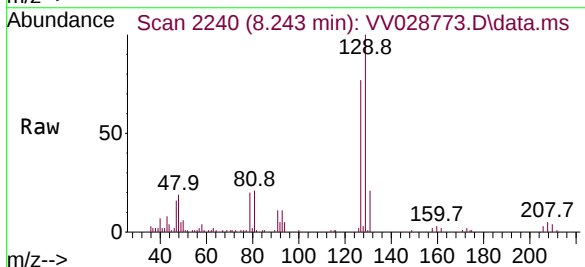
Instrument :
MSVOA_V
ClientSampleId :

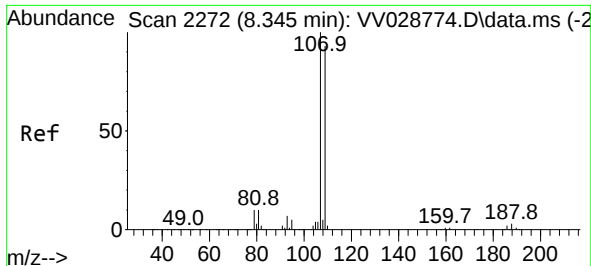
Tgt Ion: 43 Resp: 93148
Ion Ratio Lower Upper
43 100
58 51.0 41.4 62.0
57 17.0 13.8 20.6
100 9.2 7.6 11.4



#49
Dibromochloromethane
Concen: 8.894 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion: 129 Resp: 29401
Ion Ratio Lower Upper
129 100
127 77.3 55.3 102.7





#50

1,2-Dibromoethane

Concen: 10.307 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028773.D

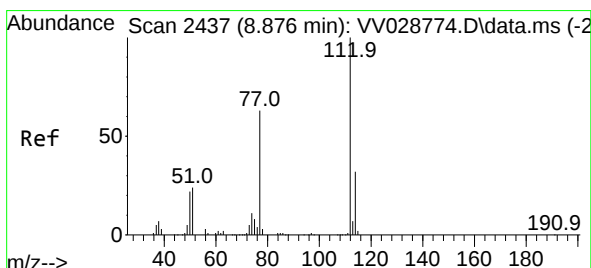
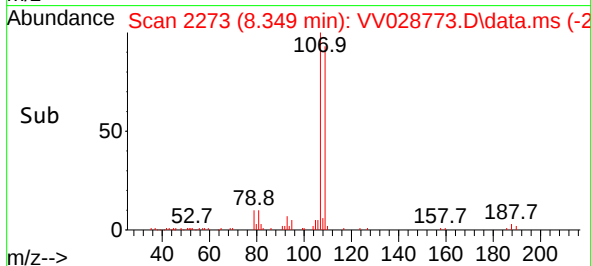
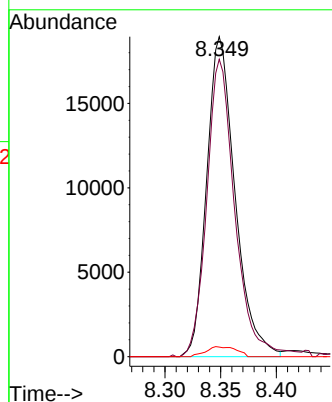
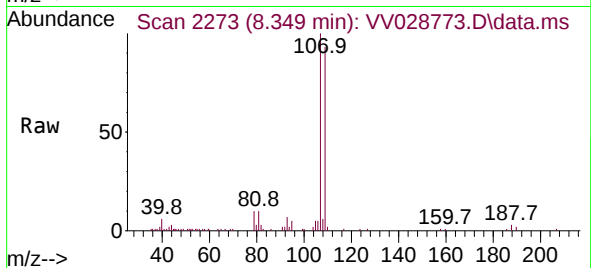
Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	33608
Ion	Ratio	Lower	Upper
107	100		
109	93.0	65.2	121.0
188	3.0	2.6	4.0



#51

Chlorobenzene

Concen: 10.432 ug/L

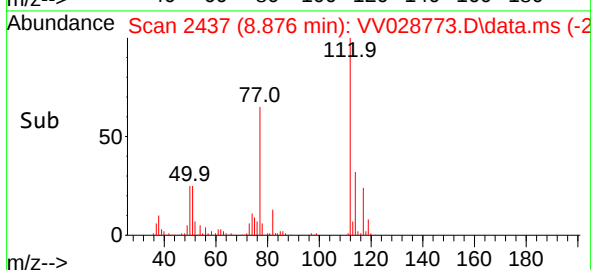
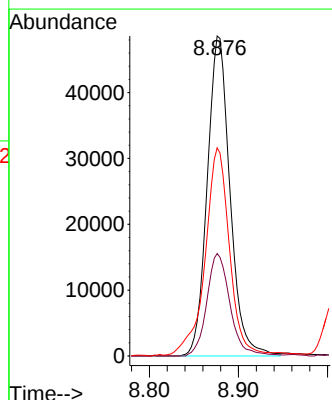
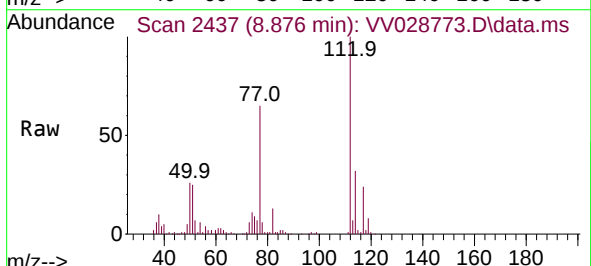
RT: 8.876 min Scan# 2437

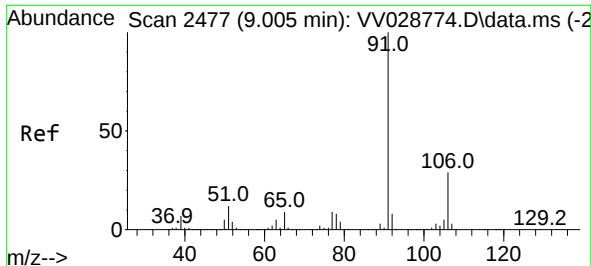
Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Tgt Ion:	112	Resp:	86156
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.3	41.5
77	65.1	50.6	75.8





#52

Ethylbenzene

Concen: 10.116 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

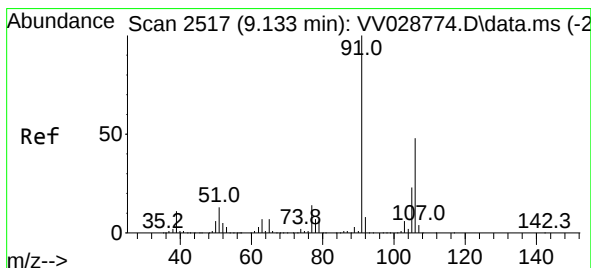
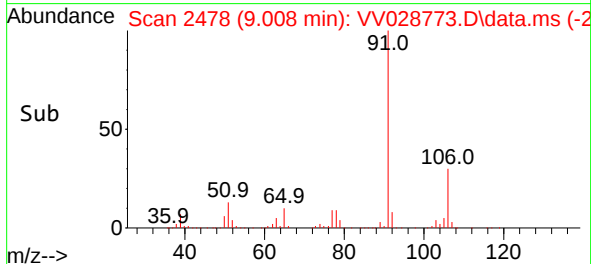
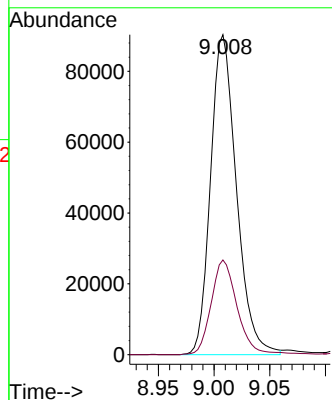
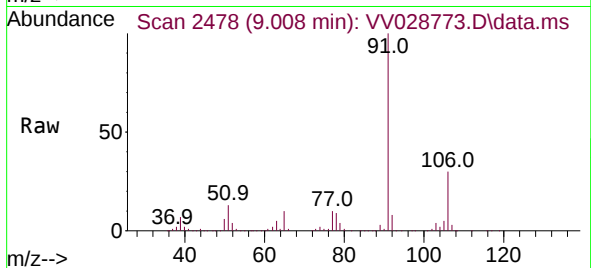
ClientSampleId :

Tgt Ion: 91 Resp: 146114

Ion Ratio Lower Upper

91 100

106 29.6 20.4 38.0



#53

m,p-Xylene

Concen: 9.509 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.000 min

Lab File: VV028773.D

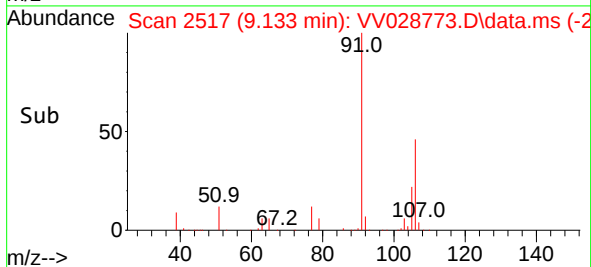
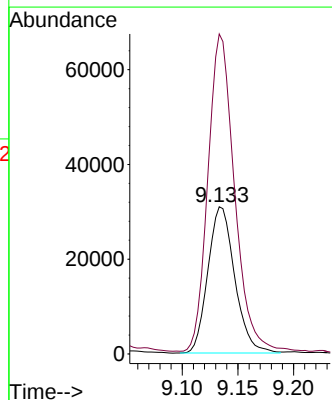
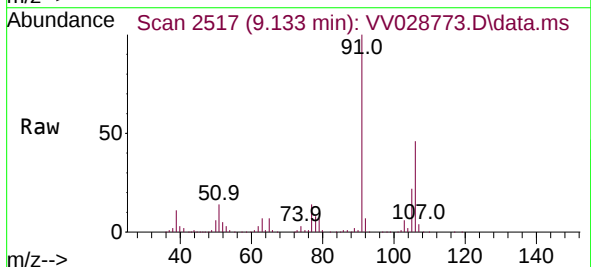
Acq: 31 Oct 2022 11:44

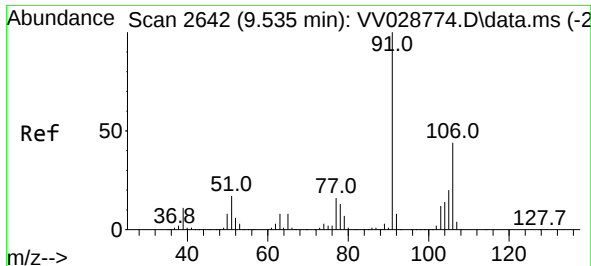
Tgt Ion: 106 Resp: 51729

Ion Ratio Lower Upper

106 100

91 217.4 146.2 271.6

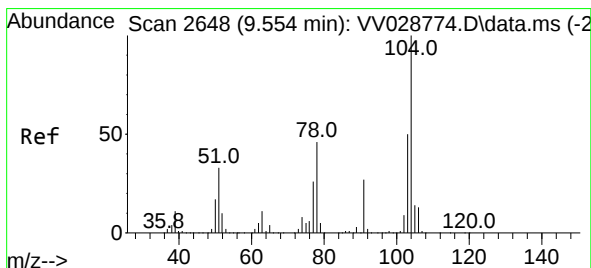
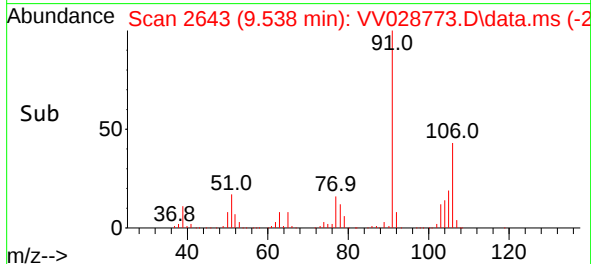
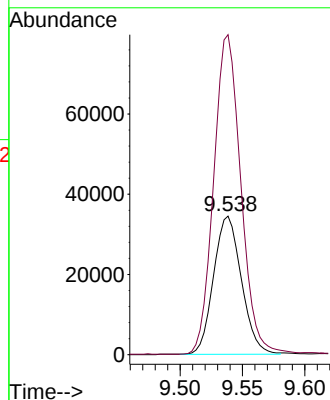
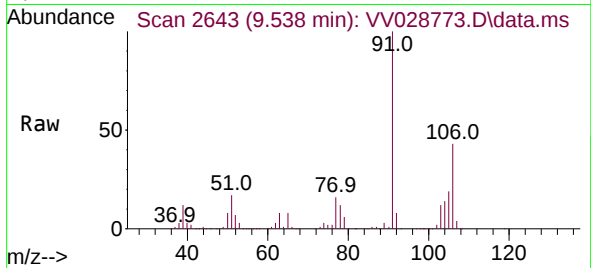




#54
o-Xylene
Concen: 9.868 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

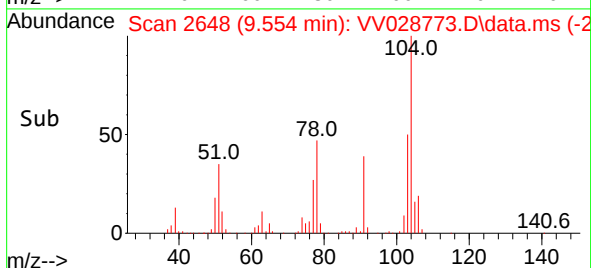
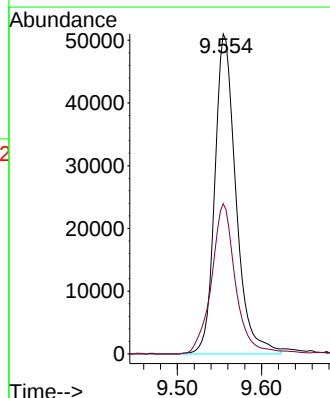
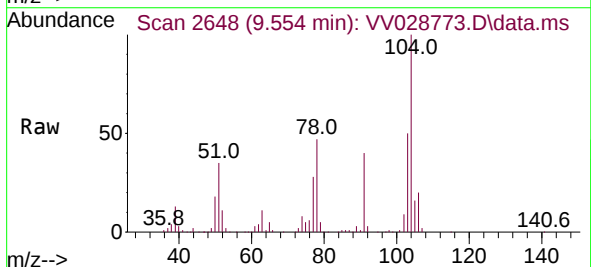
Instrument :
MSVOA_V
ClientSampleId :

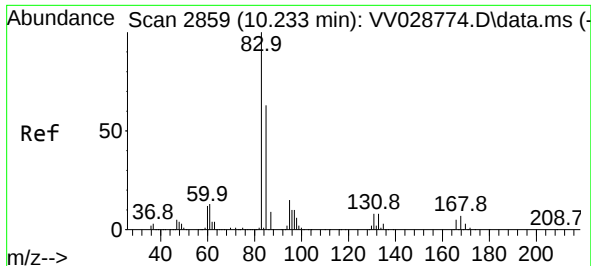
Tgt Ion:106 Resp: 53613
Ion Ratio Lower Upper
106 100
91 231.0 158.1 293.7



#55
Styrene
Concen: 9.522 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion:104 Resp: 88903
Ion Ratio Lower Upper
104 100
78 47.0 31.9 59.3

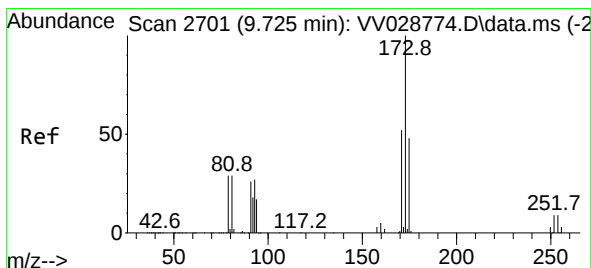
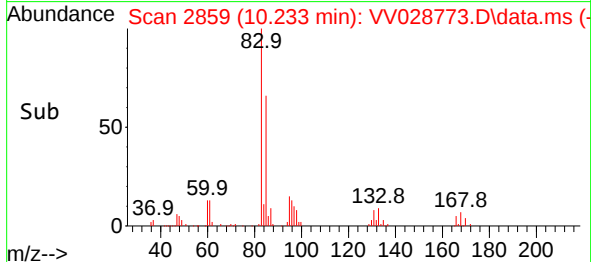
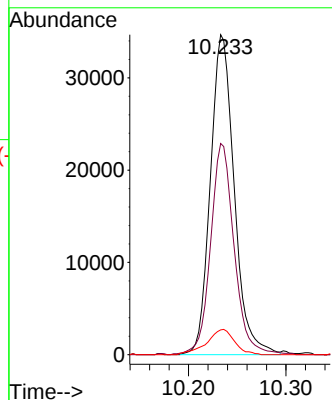
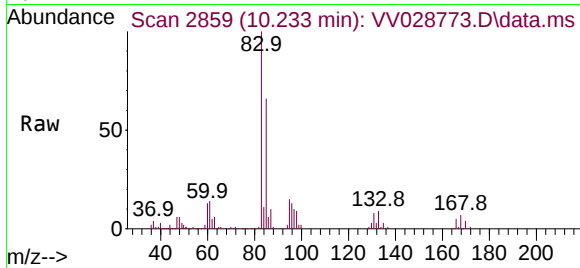




#57
1,1,2,2-Tetrachloroethane
Concen: 10.734 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

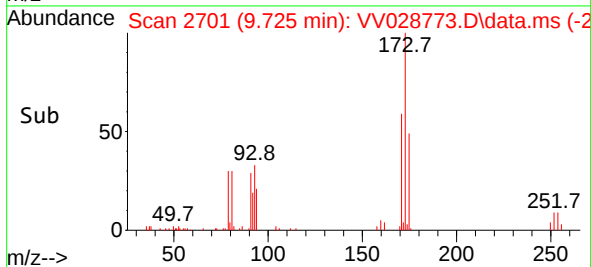
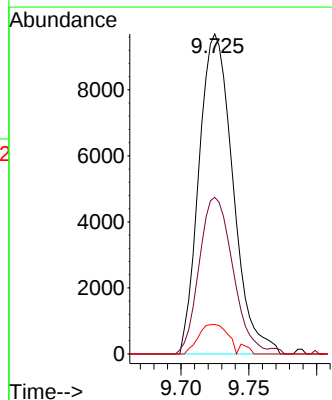
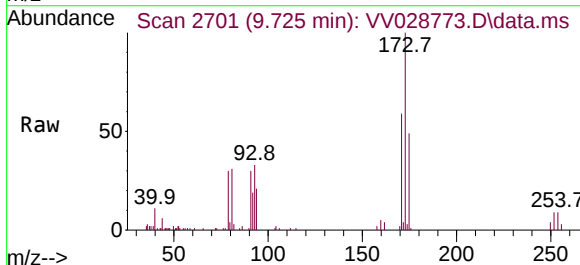
Instrument :
MSVOA_V
ClientSampleId :

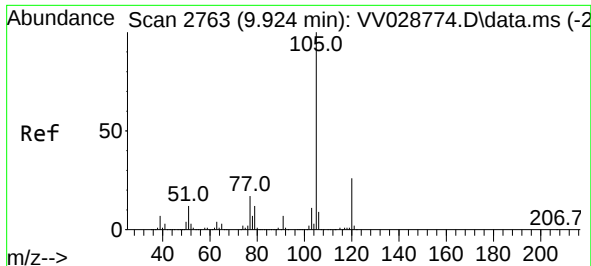
Tgt Ion: 83 Resp: 59024
Ion Ratio Lower Upper
83 100
85 66.0 44.4 82.4
131 7.7 6.5 9.7



#59
Bromoform
Concen: 7.961 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

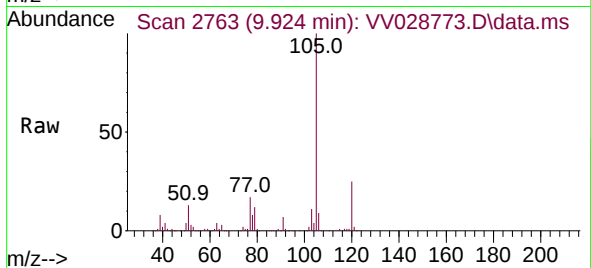
Tgt Ion: 173 Resp: 16875
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 7.9 7.2 10.8



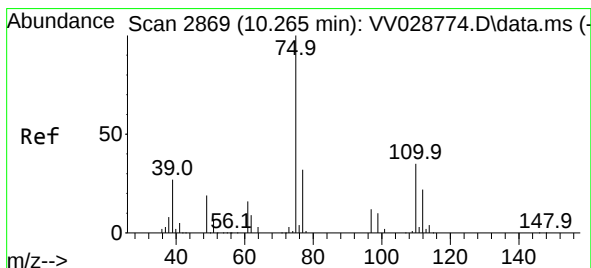
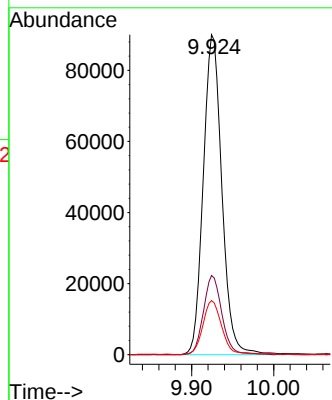
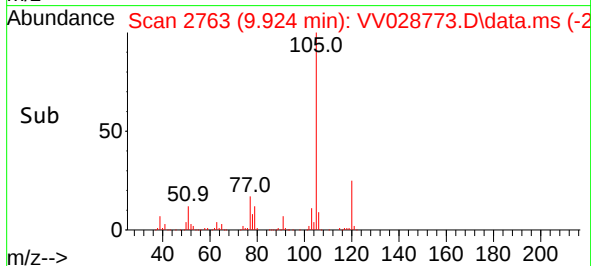


#60
Isopropylbenzene
Concen: 10.899 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

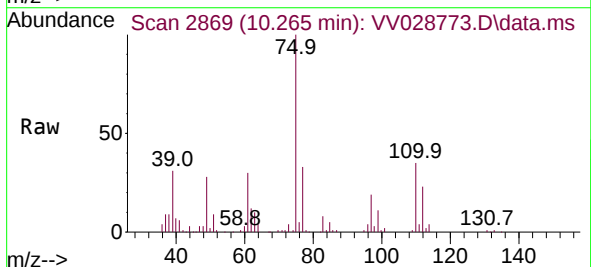
Instrument :
MSVOA_V
ClientSampleId :



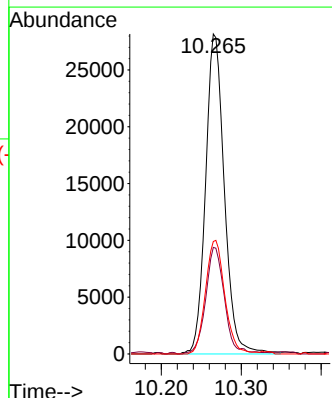
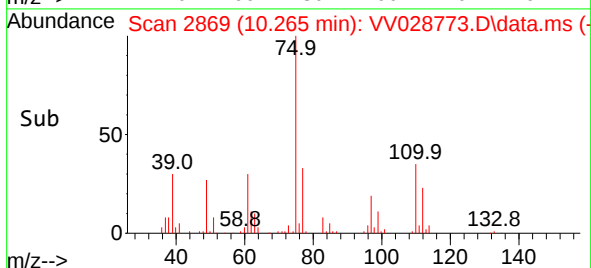
Tgt Ion:105 Resp: 141759
Ion Ratio Lower Upper
105 100
120 24.6 20.5 30.7
77 17.2 13.4 20.2

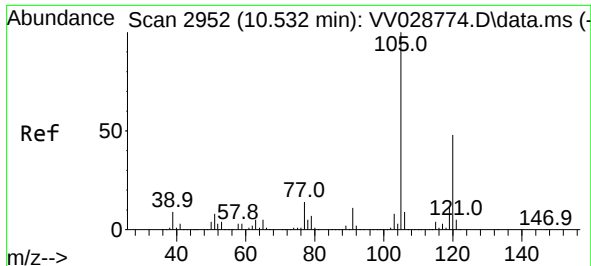


#61
1,2,3-Trichloropropane
Concen: 11.886 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44



Tgt Ion: 75 Resp: 46160
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 36.5 28.2 42.2





#62

1,3,5-Trimethylbenzene

Concen: 10.311 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

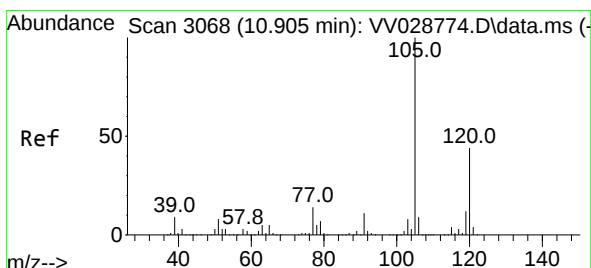
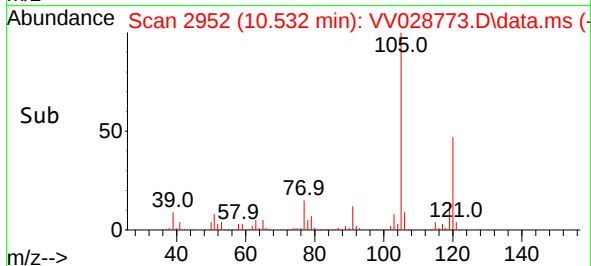
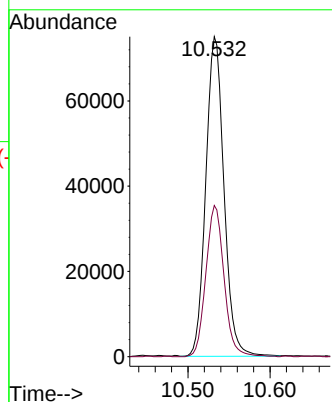
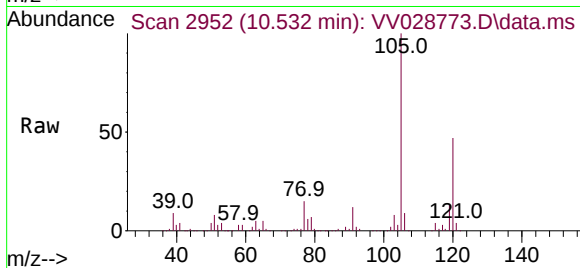
ClientSampleId :

Tgt Ion:105 Resp: 115447

Ion Ratio Lower Upper

105 100

120 47.3 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 10.194 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028773.D

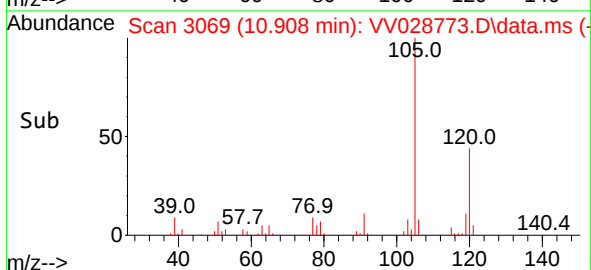
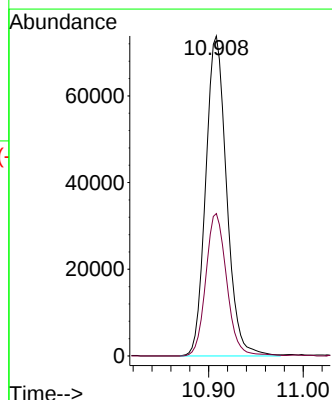
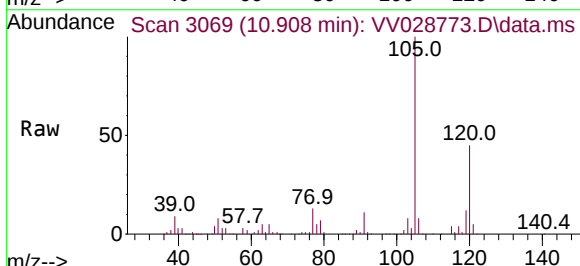
Acq: 31 Oct 2022 11:44

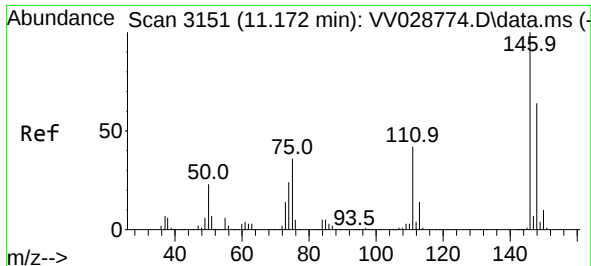
Tgt Ion:105 Resp: 113330

Ion Ratio Lower Upper

105 100

120 44.6 35.4 53.0

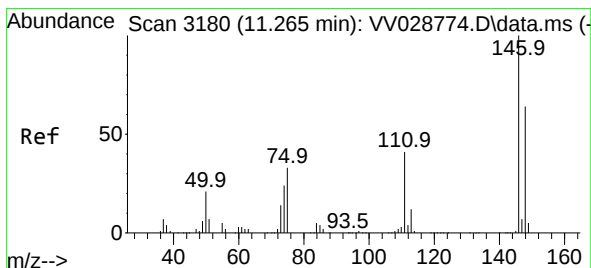
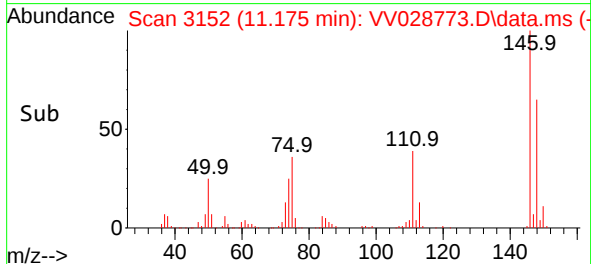
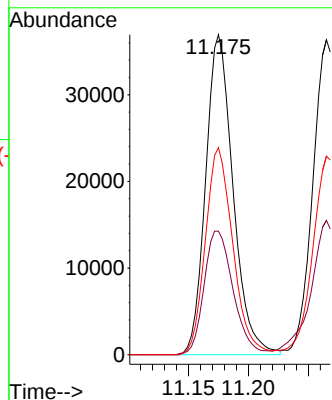
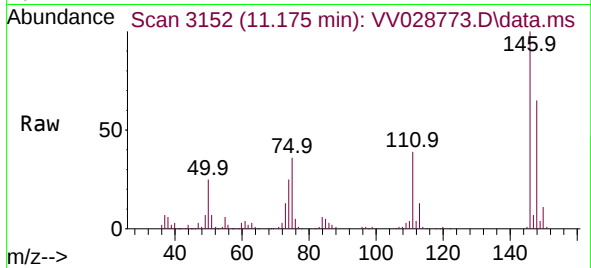




#64
1,3-Dichlorobenzene
Concen: 10.407 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

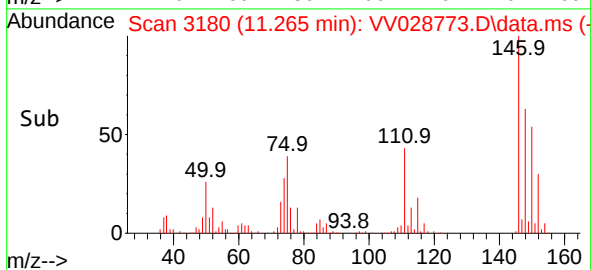
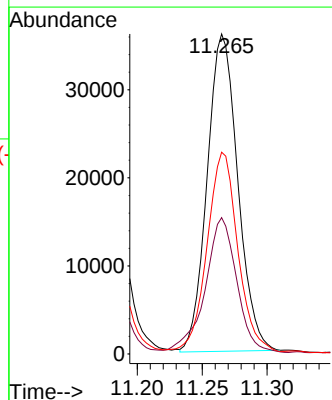
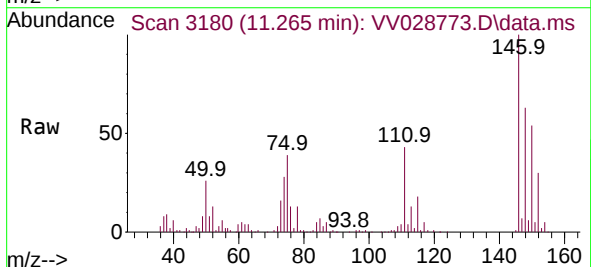
Instrument :
MSVOA_V
ClientSampleId :

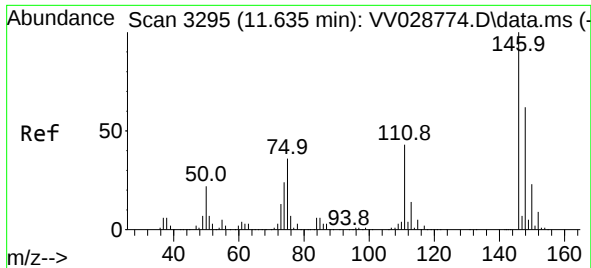
Tgt Ion:146 Resp: 58671
Ion Ratio Lower Upper
146 100
111 38.6 29.6 55.0
148 64.7 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 10.496 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028773.D
Acq: 31 Oct 2022 11:44

Tgt Ion:146 Resp: 59111
Ion Ratio Lower Upper
146 100
111 42.6 28.7 53.3
148 63.0 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 10.667 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

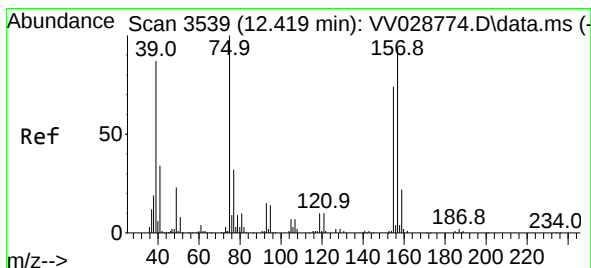
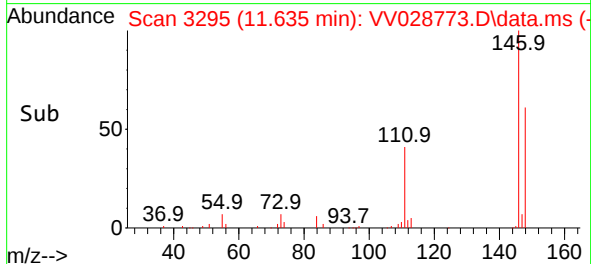
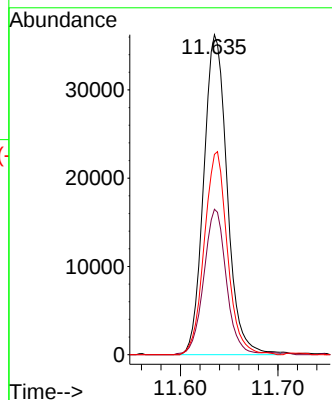
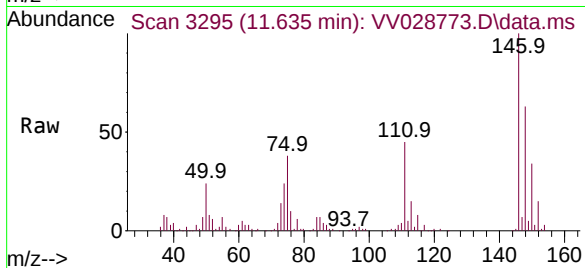
Tgt Ion:146 Resp: 60667

Ion Ratio Lower Upper

146 100

111 45.5 34.2 51.2

148 62.6 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 9.336 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

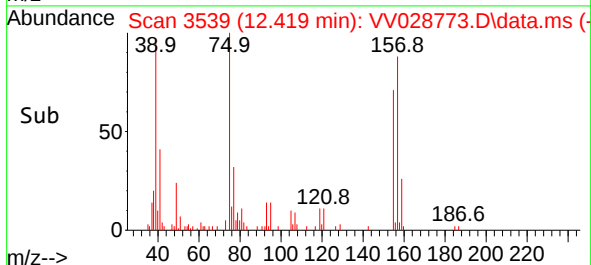
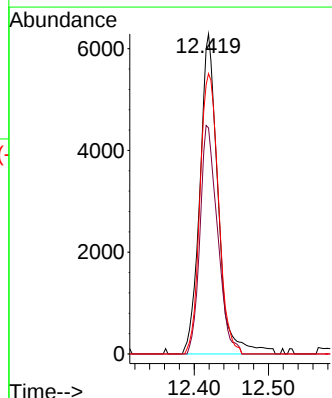
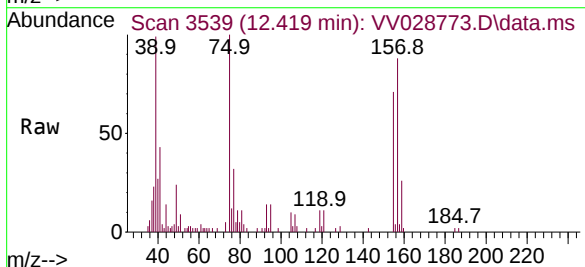
Tgt Ion: 75 Resp: 10679

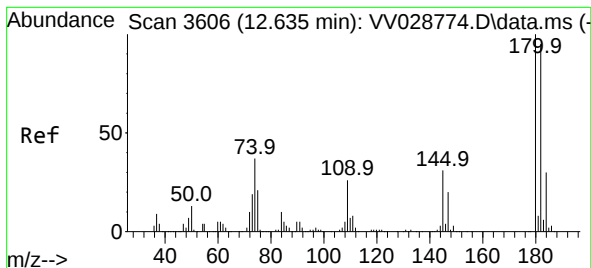
Ion Ratio Lower Upper

75 100

155 74.5 59.4 89.0

157 91.6 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 9.384 ug/L

RT: 12.638 min Scan# 3606

Delta R.T. 0.003 min

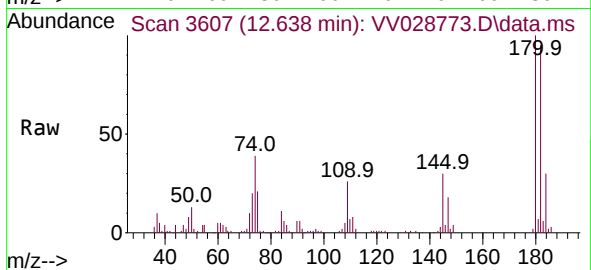
Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 39649

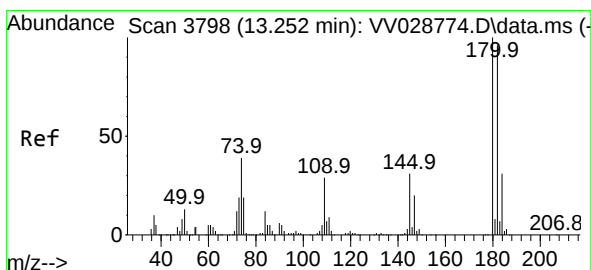
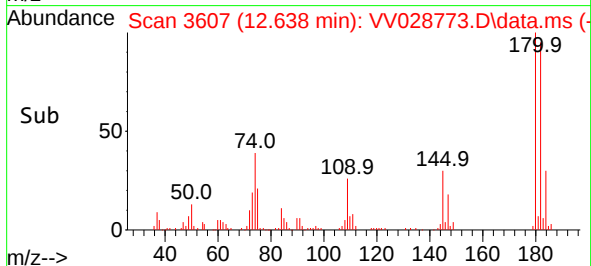
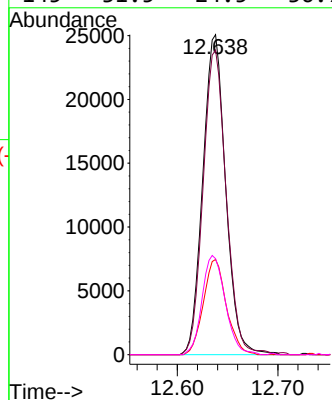
Ion Ratio Lower Upper

180 100

182 95.9 75.6 113.4

184 29.9 23.9 35.9

145 31.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 8.677 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

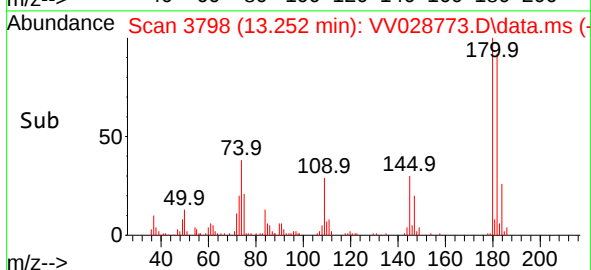
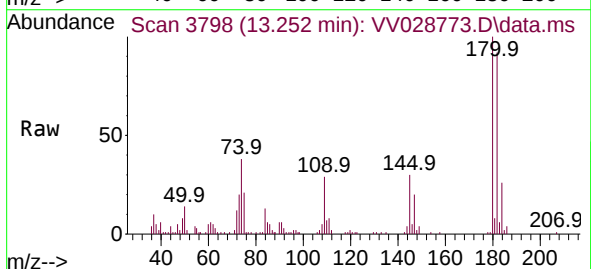
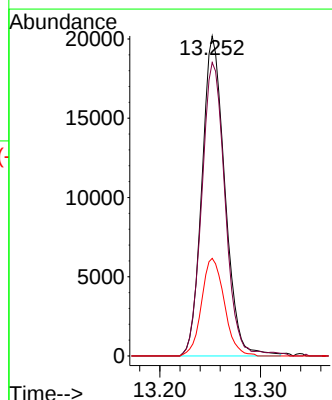
Tgt Ion:180 Resp: 31896

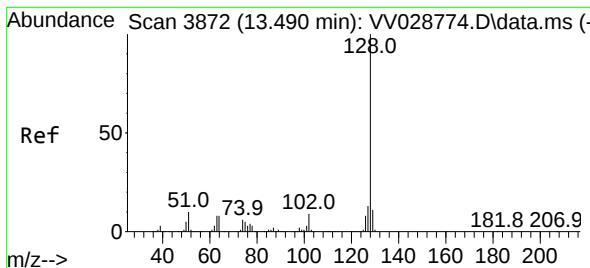
Ion Ratio Lower Upper

180 100

182 92.3 76.6 115.0

145 30.3 25.1 37.7





#71

Naphthalene

Concen: 8.103 ug/L

RT: 13.493 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028773.D

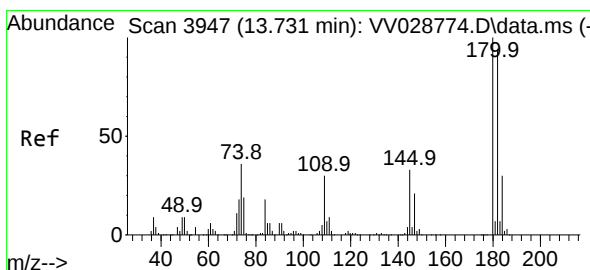
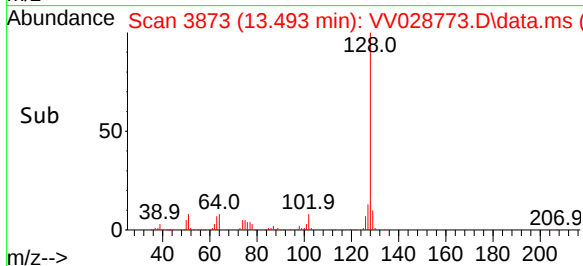
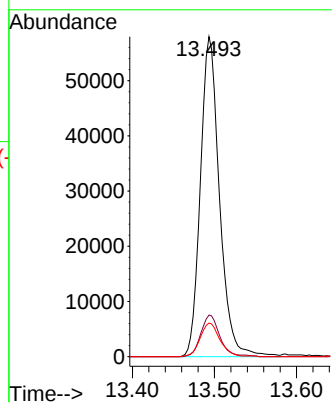
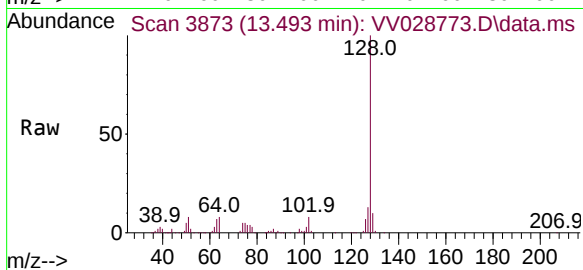
Acq: 31 Oct 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	93795
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	10.9	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 8.730 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028773.D

Acq: 31 Oct 2022 11:44

Tgt Ion:180	Resp:	31692
Ion Ratio	Lower	Upper
180	100	
182	96.1	75.5 113.3
145	34.4	26.2 39.4

