

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026840.D
 Acq On : 19 Jul 2022 21:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 20 05:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	248981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	248103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	71695	3.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.564	69	70301	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.105	63	148832	3.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.896	46	219611	61.948	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.900%
24) Chloroform-d	4.346	84	179702	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.031	65	80567	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	305034	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.069	67	99769	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.313	98	259736	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.622	79	30290	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	179585	56.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	86845	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	102132	4.345	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	146619	4.632	ug/L	100
3) Chloromethane	1.240	50	130822	4.307	ug/L	97
5) Vinyl chloride	1.307	62	141211	4.566	ug/L	99
6) Bromomethane	1.516	94	78481	4.239	ug/L	99
8) Chloroethane	1.581	64	86999	4.774	ug/L	97
9) Trichlorofluoromethane	1.748	101	189074	4.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	107781	4.787	ug/L	98
12) 1,1-Dichloroethene	2.114	96	101680	4.658	ug/L	90
13) Acetone	2.185	43	138715	46.506	ug/L #	30
14) Carbon disulfide	2.288	76	293637	4.565	ug/L	99
15) Methyl Acetate	2.439	43	34612	5.738	ug/L	98
16) Methylene chloride	2.503	84	136736	5.258	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	193230	5.138	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	104557	5.211	ug/L	95
19) 1,1-Dichloroethane	3.185	63	194822	5.317	ug/L	99
21) 2-Butanone	3.979	43	205389	59.045	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	107902	5.332	ug/L	99
23) Bromochloromethane	4.246	128	50521	5.419	ug/L	93
25) Chloroform	4.371	83	206424	5.379	ug/L	99

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 ALS Vial : 23 Sample Multiplier: 1

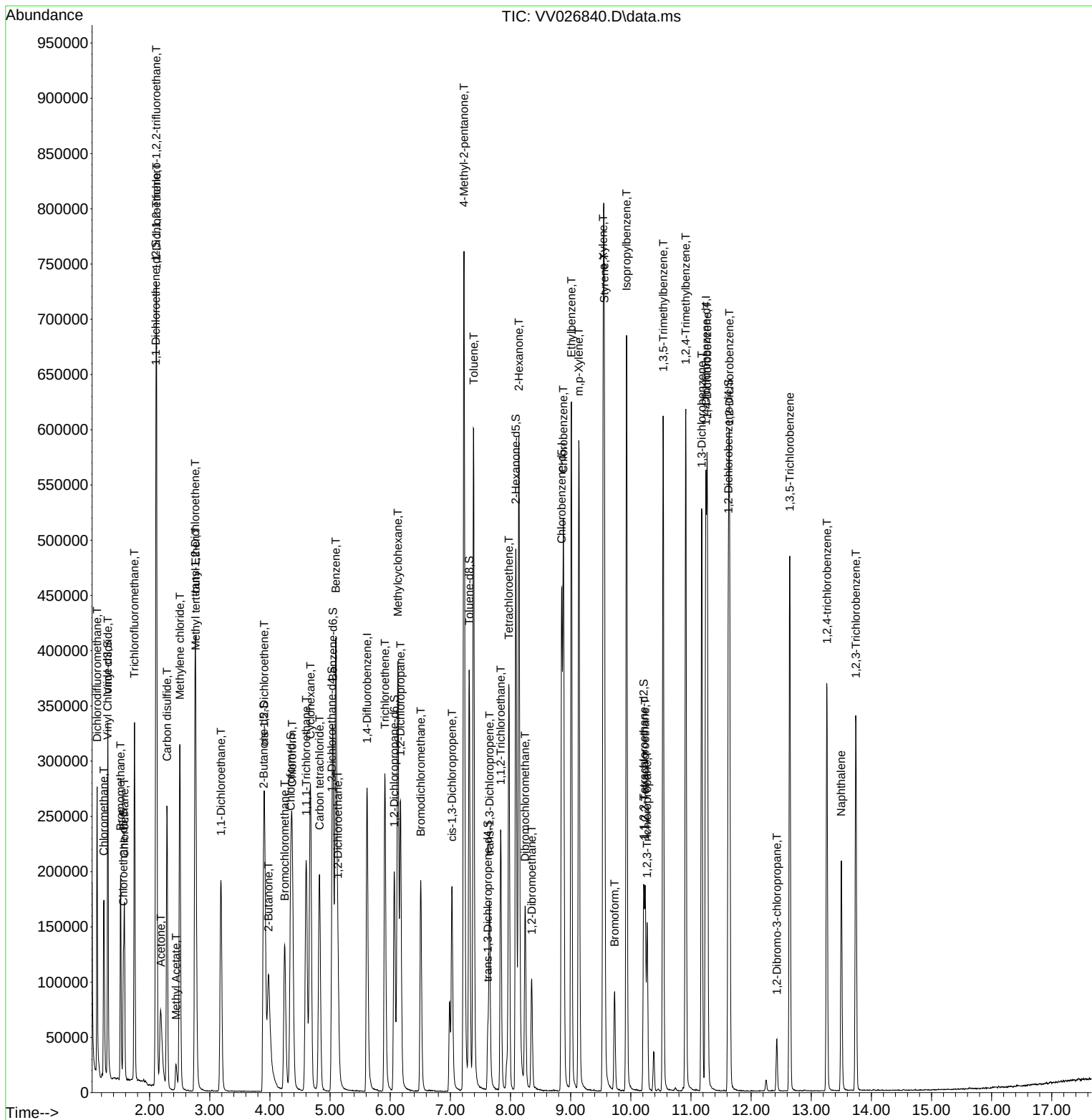
Instrument :
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 ClientSampleId :

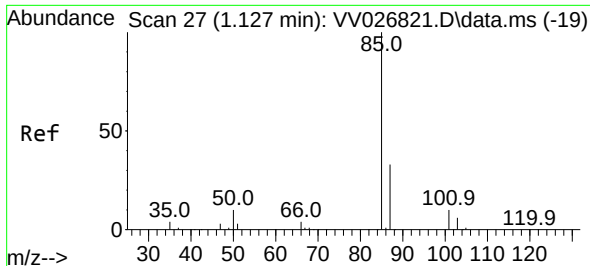
Quant Time: Jul 20 05:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106359	5.144	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	175289	5.243	ug/L	98
30) Cyclohexane	4.674	56	136878	4.804	ug/L	98
31) Carbon tetrachloride	4.825	117	149909	5.077	ug/L	96
33) Benzene	5.095	78	430993	5.196	ug/L	100
34) Trichloroethene	5.912	95	105671	5.183	ug/L	99
35) Methylcyclohexane	6.127	83	152147	4.890	ug/L	99
37) 1,2-Dichloropropane	6.172	63	108236	5.457	ug/L	100
38) Bromodichloromethane	6.510	83	133457	5.161	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	122242	4.959	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	493524	53.867	ug/L	99
42) Toluene	7.387	91	449410	5.365	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	105897	5.232	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	76455	5.273	ug/L	98
47) Tetrachloroethene	7.973	164	83314	5.211	ug/L	98
48) 2-Hexanone	8.140	43	369059	55.657	ug/L	100
49) Dibromochloromethane	8.243	129	86255	5.162	ug/L	99
50) 1,2-Dibromoethane	8.352	107	68444	5.335	ug/L	99
51) Chlorobenzene	8.879	112	285341	5.387	ug/L	97
52) Ethylbenzene	9.011	91	423577	5.109	ug/L	98
53) m,p-Xylene	9.136	106	171595	5.323	ug/L	99
54) o-Xylene	9.542	106	163767	5.345	ug/L	95
55) Styrene	9.561	104	289703	5.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	87645	5.106	ug/L	96
59) Bromoform	9.731	173	40857	4.720	ug/L	98
60) Isopropylbenzene	9.931	105	426502	5.068	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	63386	5.094	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	323523	4.832	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333683	4.908	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	216338	5.247	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	214781	5.123	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	198895	5.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11564	4.384	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	144993	4.975	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	108889	4.913	ug/L	99
71) Naphthalene	13.500	128	165844	4.517	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	101275	4.911	ug/L	98

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

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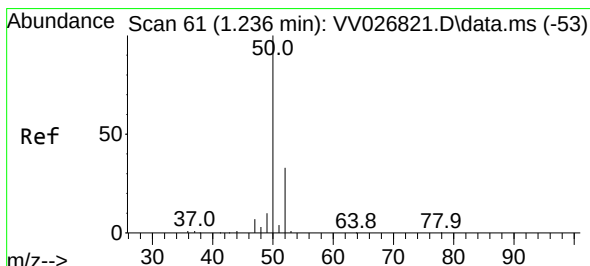
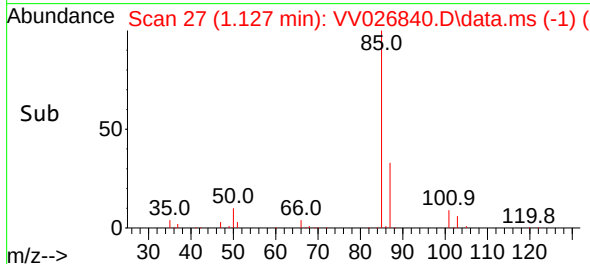
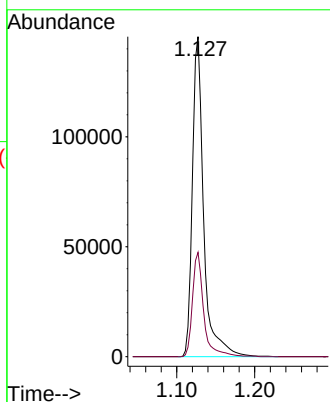
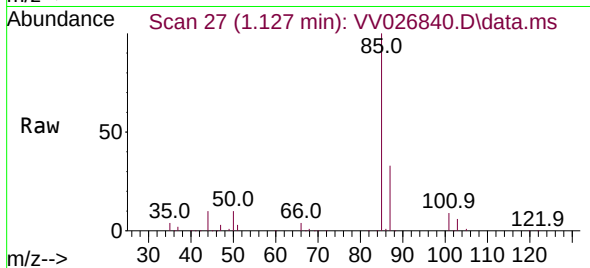




#2
 Dichlorodifluoromethane
 Concen: 4.632 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

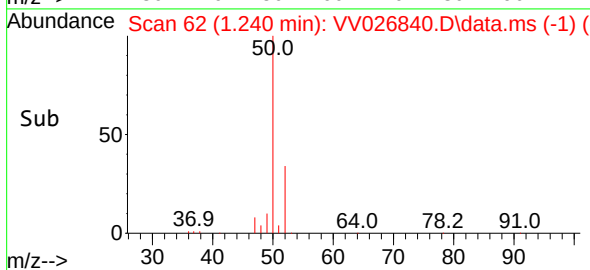
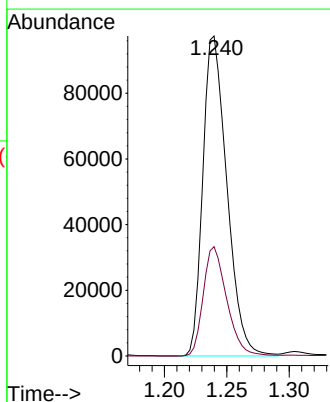
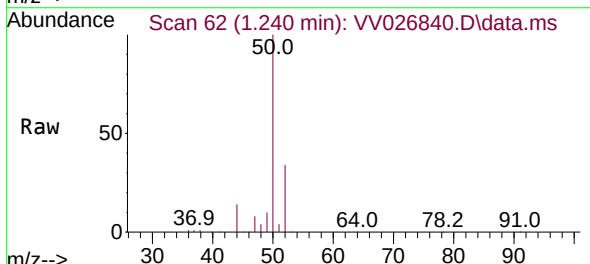
Instrument :
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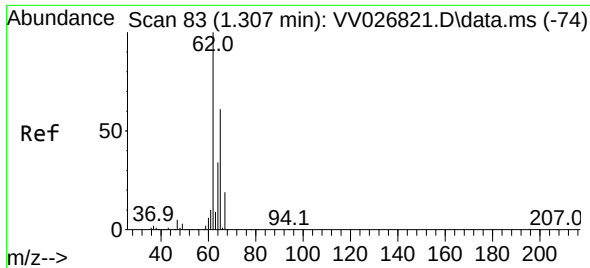
Tgt Ion: 85 Resp: 146619
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.307 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

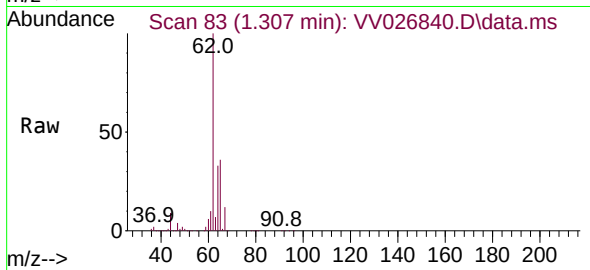
Tgt Ion: 50 Resp: 130822
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.8 42.4



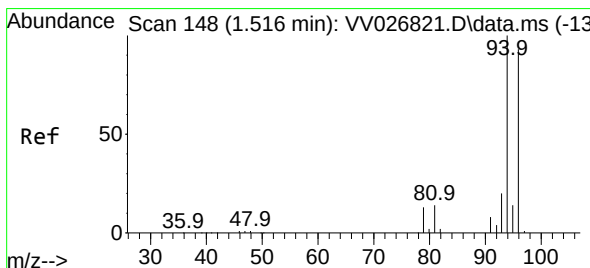
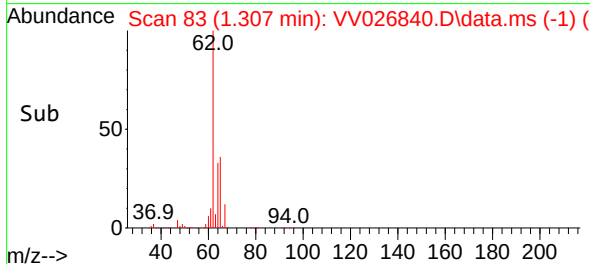
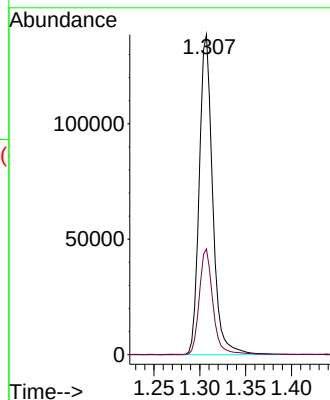


#5
 Vinyl chloride
 Concen: 4.566 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

Instrument :
 MSVOA_V
 ClientSampleId :

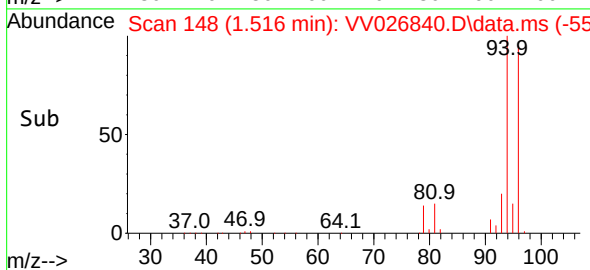
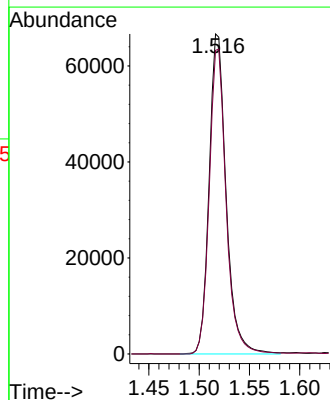
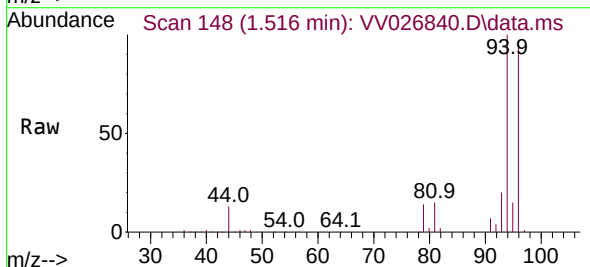


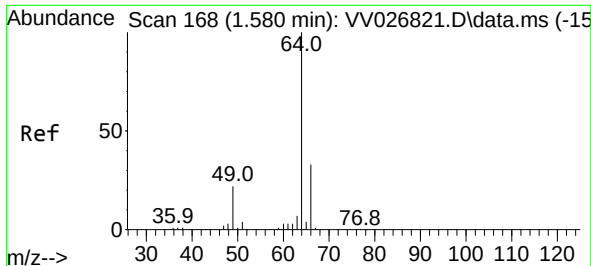
Tgt Ion: 62 Resp: 141211
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.239 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

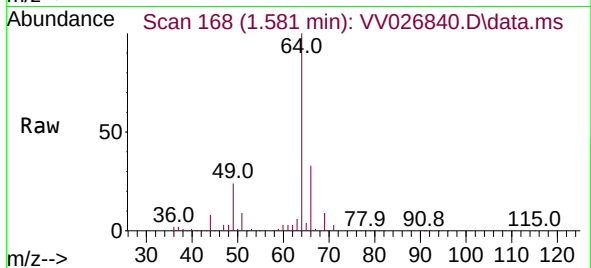
Tgt Ion: 94 Resp: 78481
 Ion Ratio Lower Upper
 94 100
 96 94.9 67.1 124.7



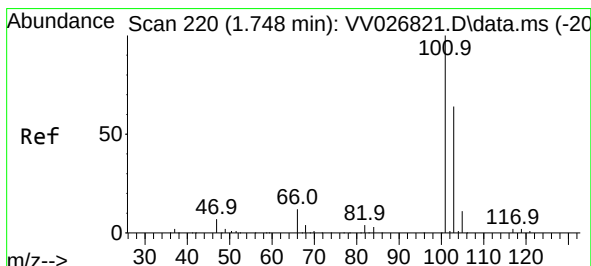
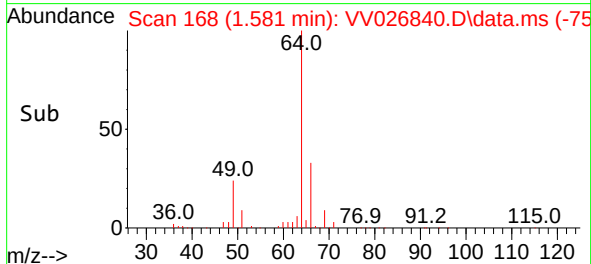
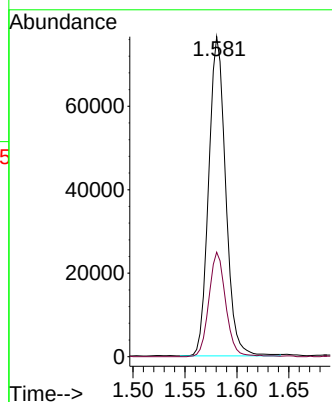


#8
Chloroethane
Concen: 4.774 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Instrument :
MSVOA_V
ClientSampleId :

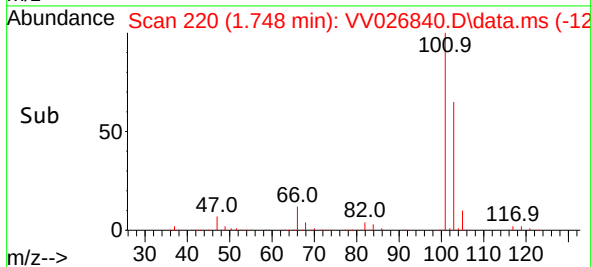
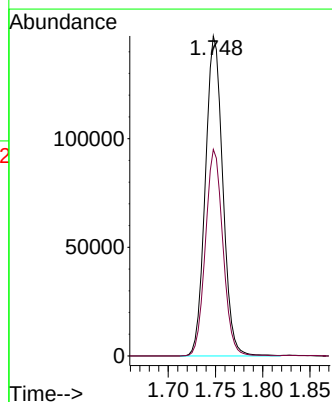
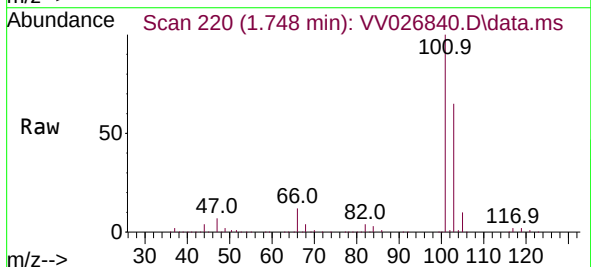


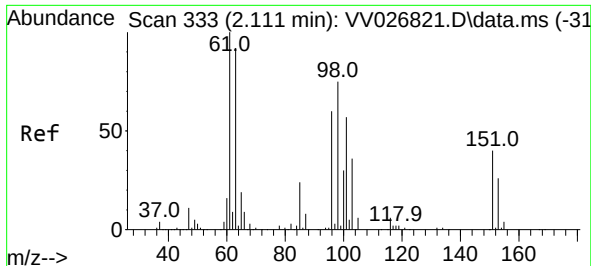
Tgt Ion: 64 Resp: 86999
Ion Ratio Lower Upper
64 100
66 32.7 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.811 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion:101 Resp: 189074
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

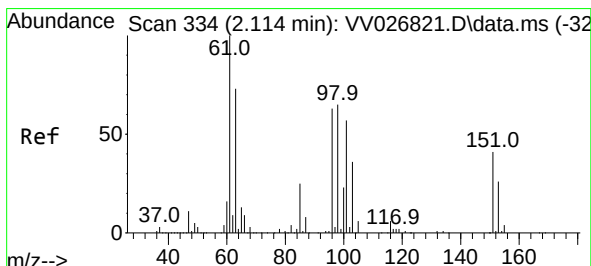
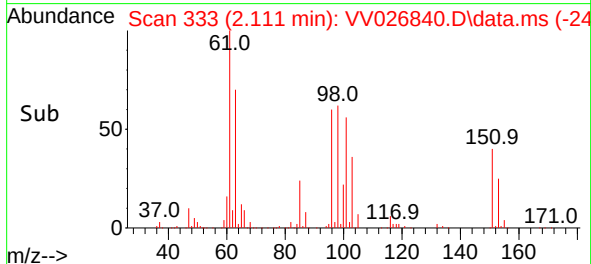
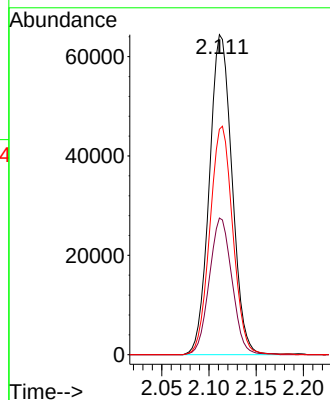
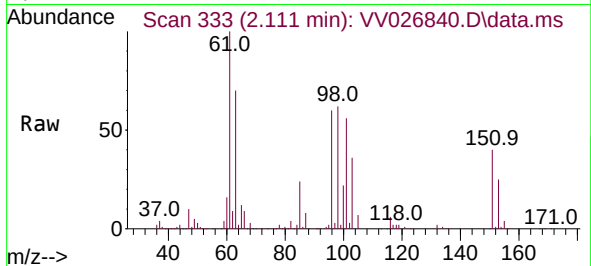




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.787 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

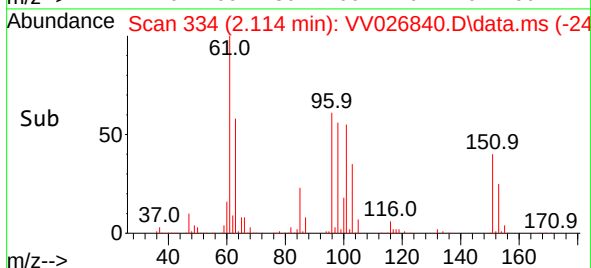
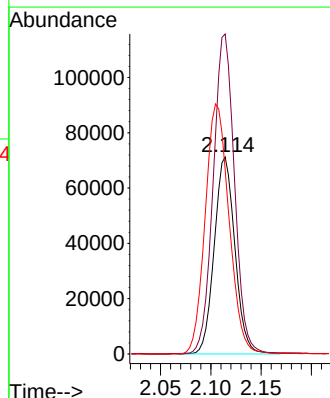
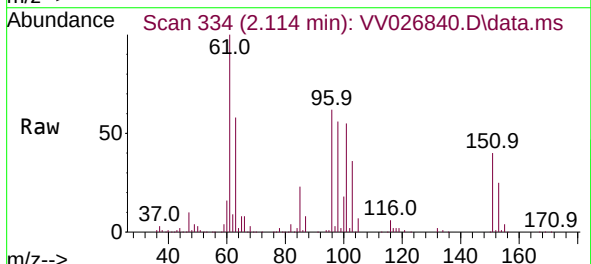
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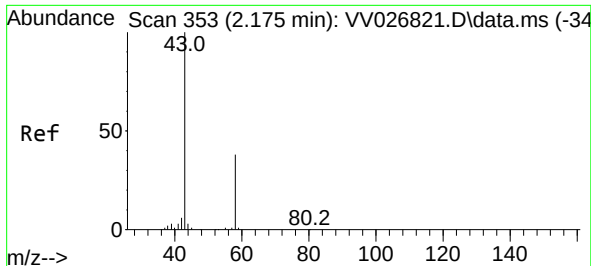
Tgt Ion:101 Resp: 107781
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.0 52.4
 151 72.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.658 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

Tgt Ion: 96 Resp: 101680
 Ion Ratio Lower Upper
 96 100
 61 162.5 118.3 219.7
 63 93.7 79.9 148.3

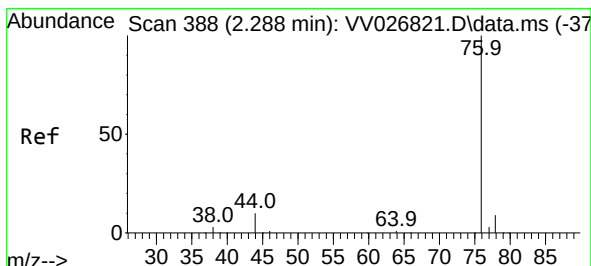
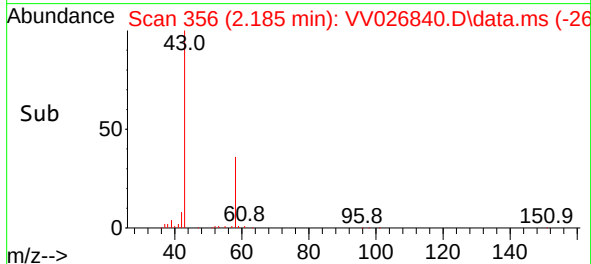
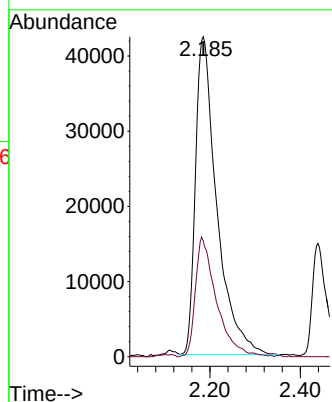
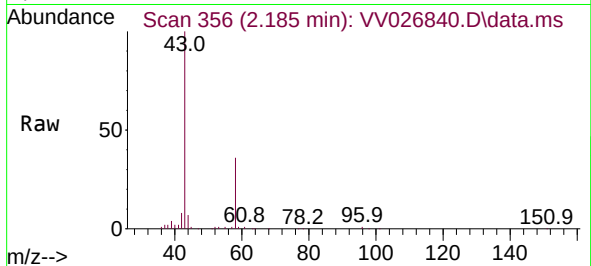




#13
Acetone
Concen: 46.506 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.010 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

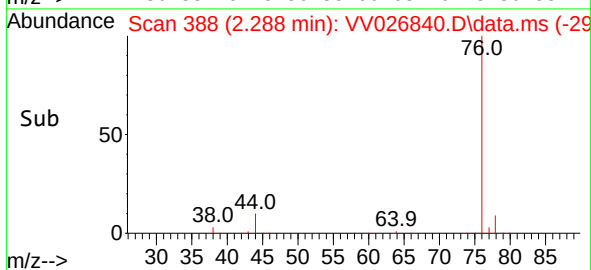
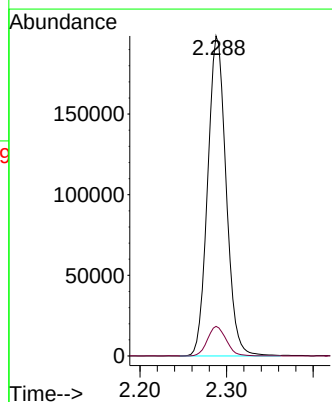
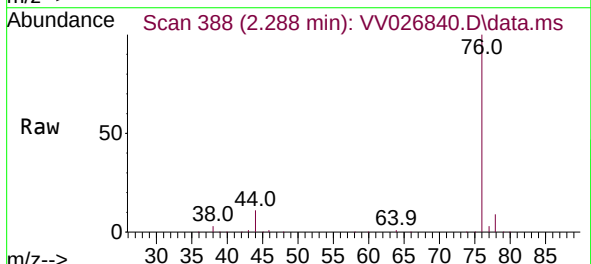
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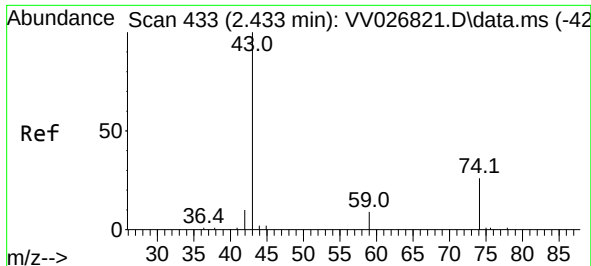
Tgt Ion: 43 Resp: 138715
Ion Ratio Lower Upper
43 100
58 36.4 0.0 20.6#



#14
Carbon disulfide
Concen: 4.565 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion: 76 Resp: 293637
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

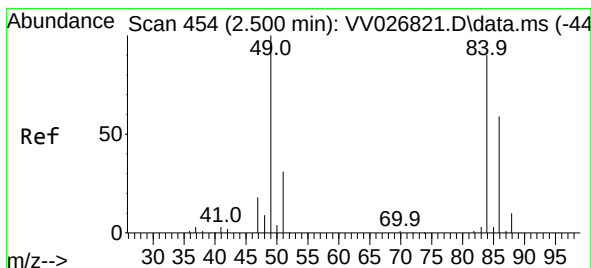
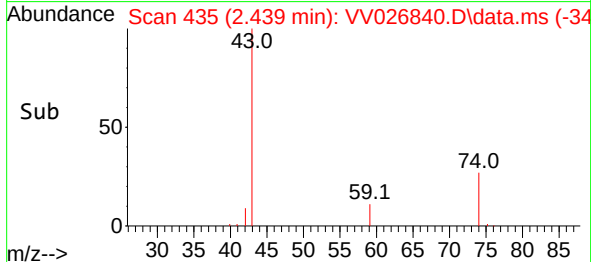
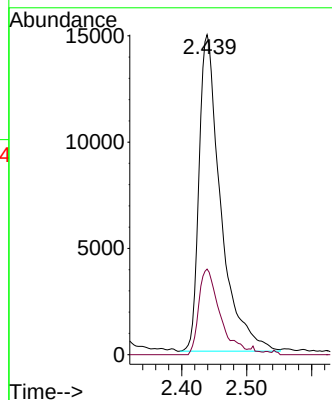
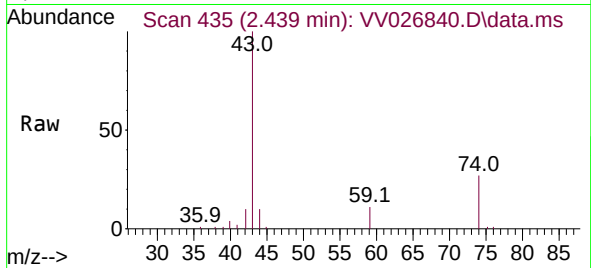




#15
Methyl Acetate
Concen: 5.738 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

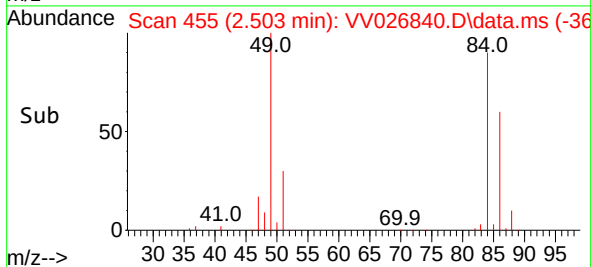
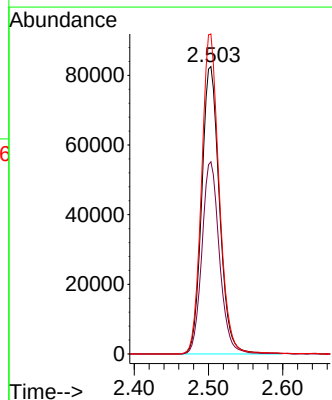
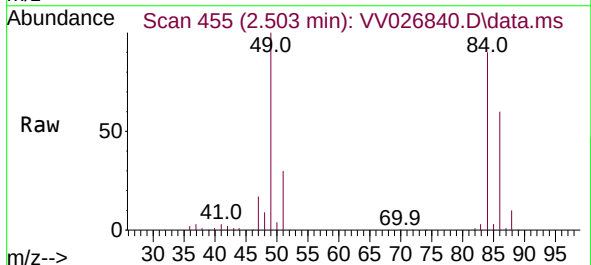
Instrument :
MSVOA_V
ClientSampleId :

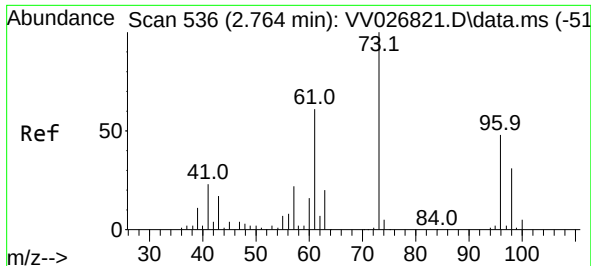
Tgt Ion: 43 Resp: 34612
Ion Ratio Lower Upper
43 100
74 26.3 20.1 30.1



#16
Methylene chloride
Concen: 5.258 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion: 84 Resp: 136736
Ion Ratio Lower Upper
84 100
86 66.9 44.8 83.2
49 111.4 78.7 146.1

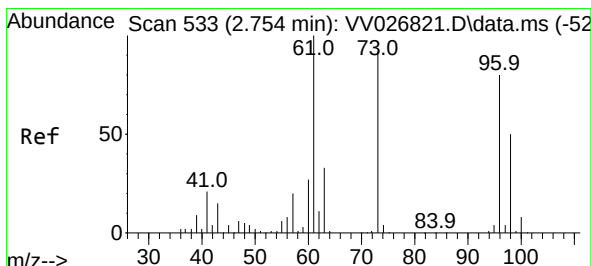
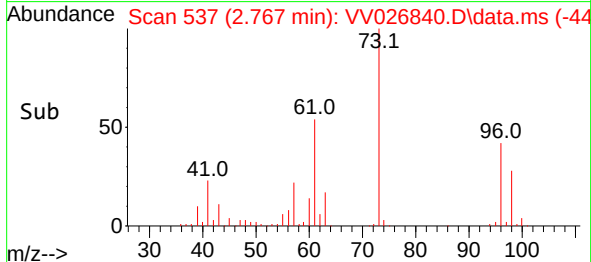
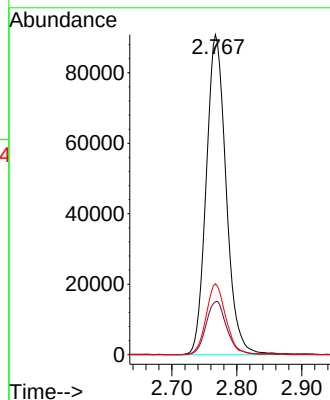
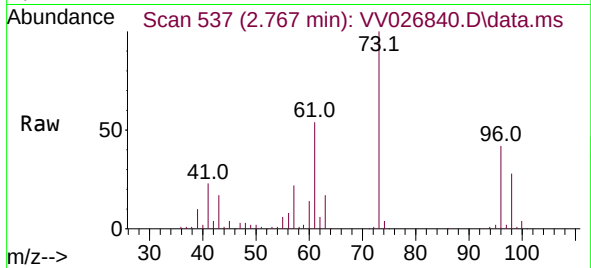




#17
Methyl tert-butyl Ether
Concen: 5.138 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

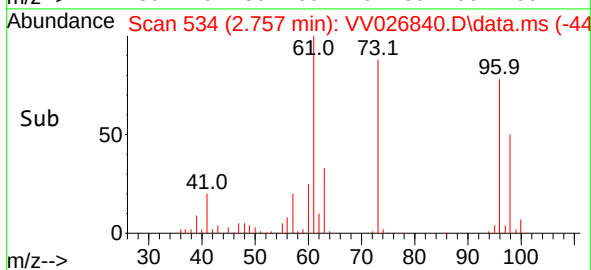
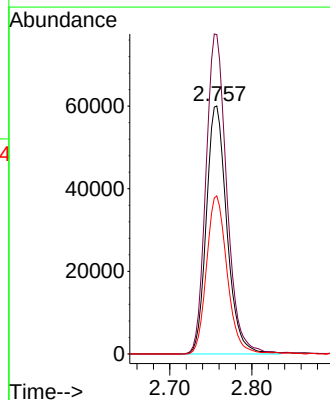
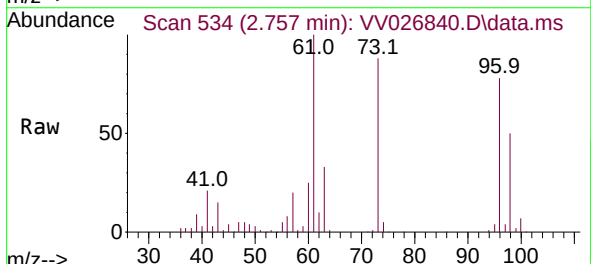
Instrument :
MSVOA_V
ClientSampleId :

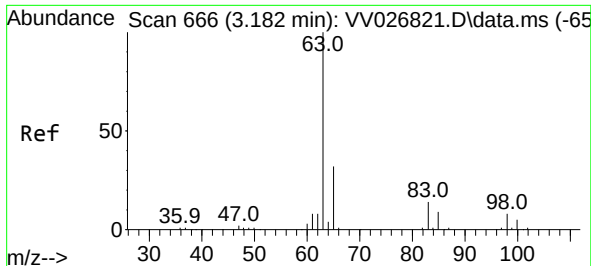
Tgt Ion: 73 Resp: 193230
Ion Ratio Lower Upper
73 100
43 17.4 14.0 21.0
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.211 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion: 96 Resp: 104557
Ion Ratio Lower Upper
96 100
61 128.8 94.7 175.9
98 63.8 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.317 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

ClientSampleId :

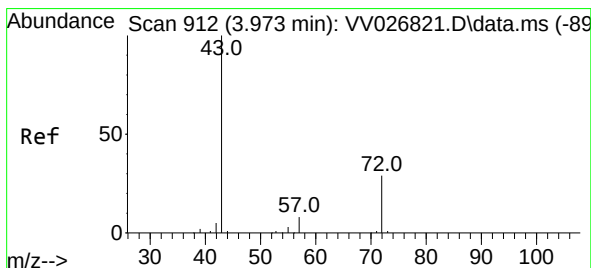
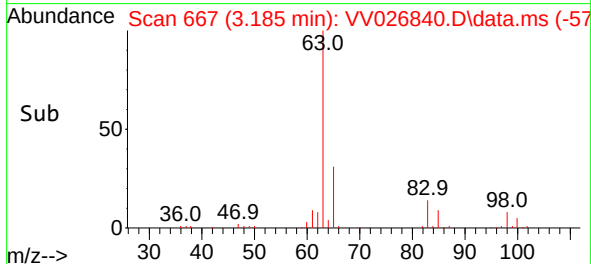
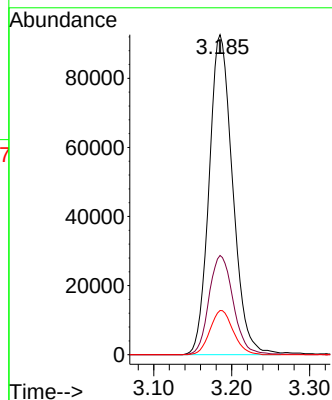
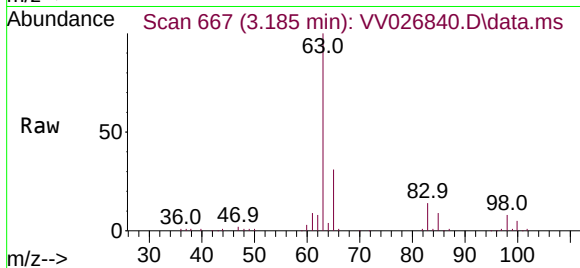
Tgt Ion: 63 Resp: 194822

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 13.8 9.9 18.5



#21

2-Butanone

Concen: 59.045 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.006 min

Lab File: VV026840.D

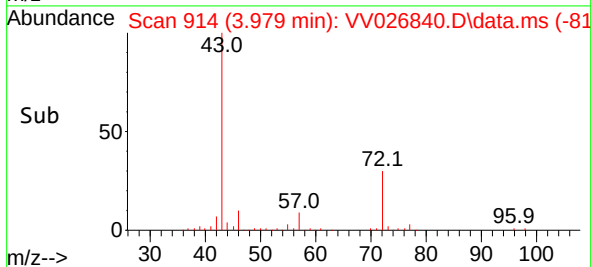
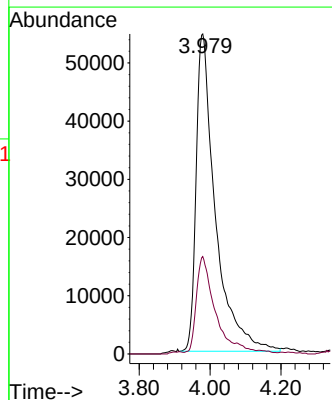
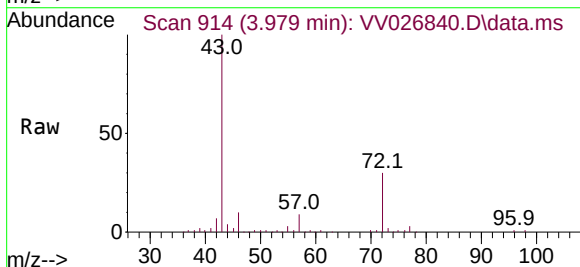
Acq: 19 Jul 2022 21:11

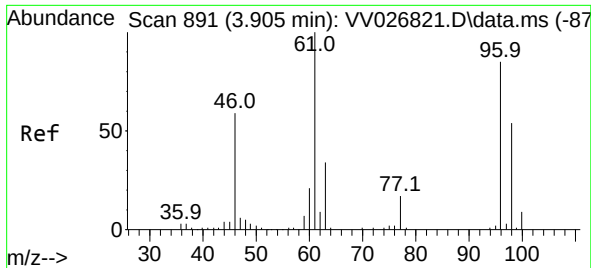
Tgt Ion: 43 Resp: 205389

Ion Ratio Lower Upper

43 100

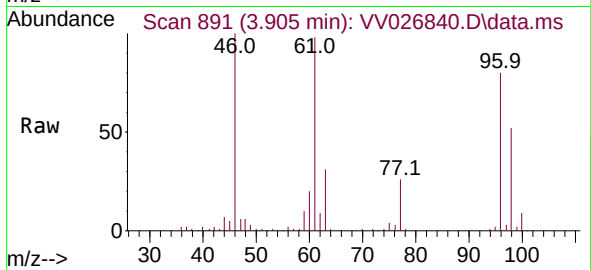
72 27.2 13.9 41.7



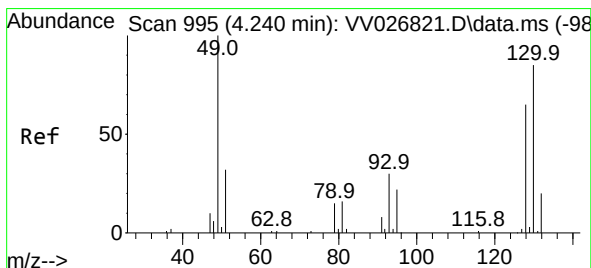
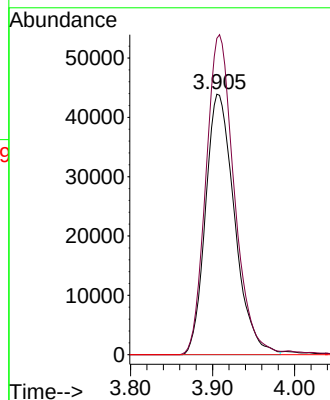
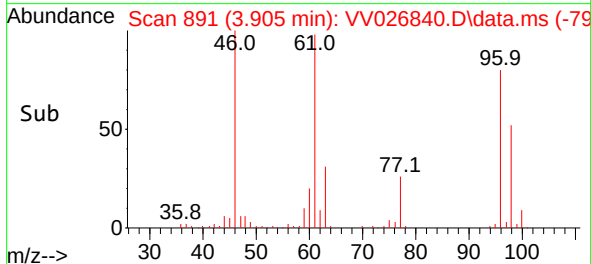


#22
 cis-1,2-Dichloroethene
 Concen: 5.332 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

Instrument :
 MSVOA_V
 ClientSampleId :

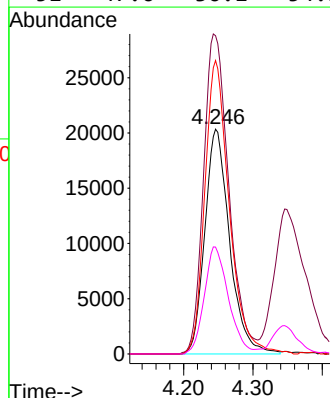
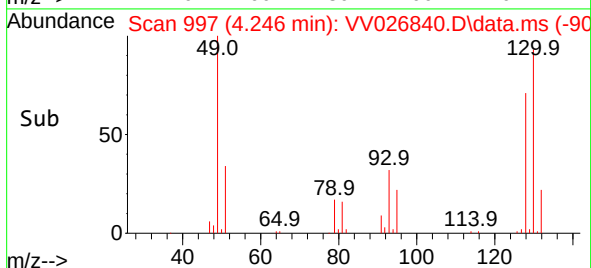
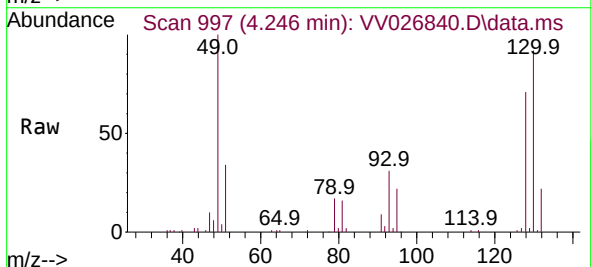


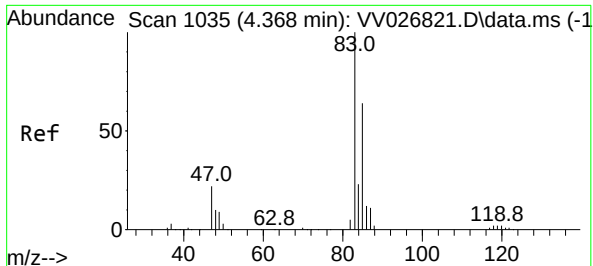
Tgt Ion: 96 Resp: 107902
 Ion Ratio Lower Upper
 96 100
 61 121.5 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.419 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

Tgt Ion: 128 Resp: 50521
 Ion Ratio Lower Upper
 128 100
 49 141.6 107.2 199.2
 130 130.5 87.1 161.7
 51 47.6 36.1 54.1





#25

Chloroform

Concen: 5.379 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

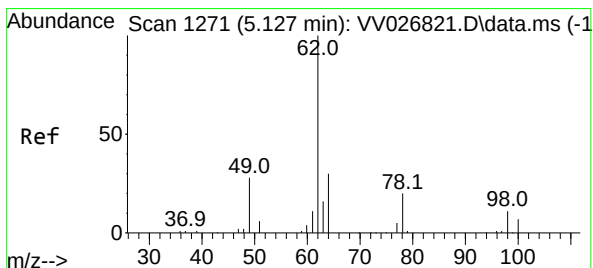
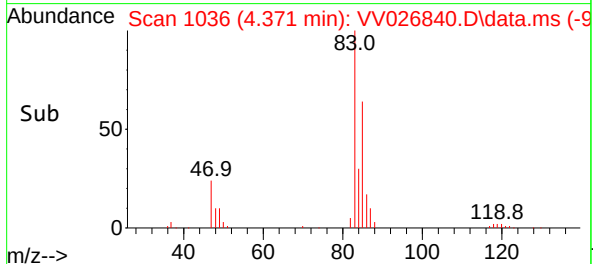
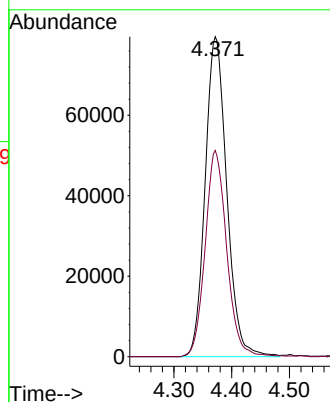
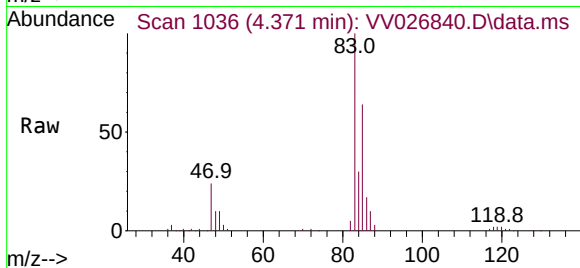
ClientSampleId :

Tgt Ion: 83 Resp: 206424

Ion Ratio Lower Upper

83 100

85 64.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.144 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026840.D

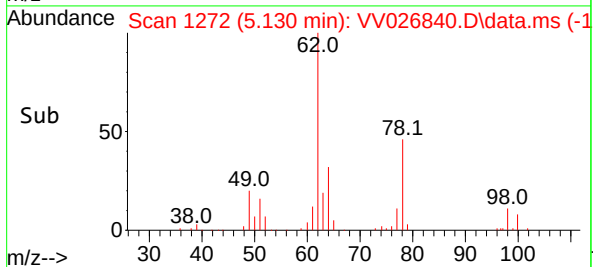
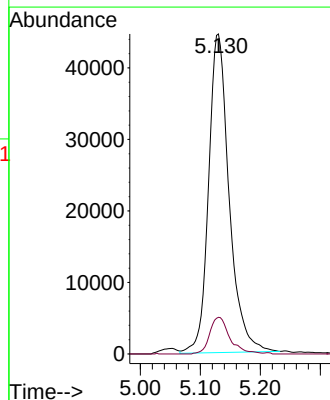
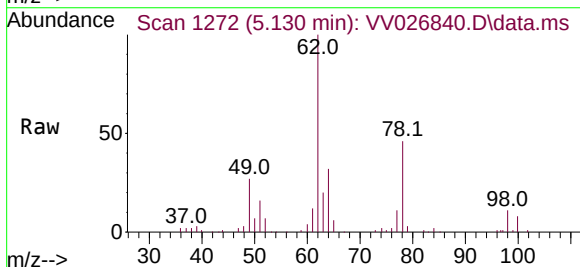
Acq: 19 Jul 2022 21:11

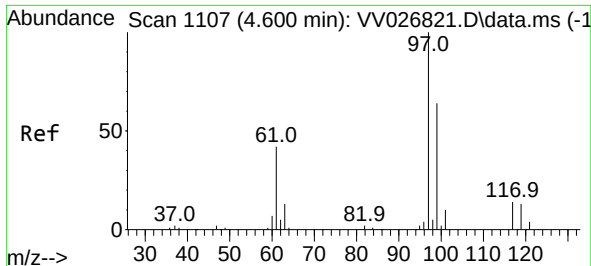
Tgt Ion: 62 Resp: 106359

Ion Ratio Lower Upper

62 100

98 11.4 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.243 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

ClientSampleId :

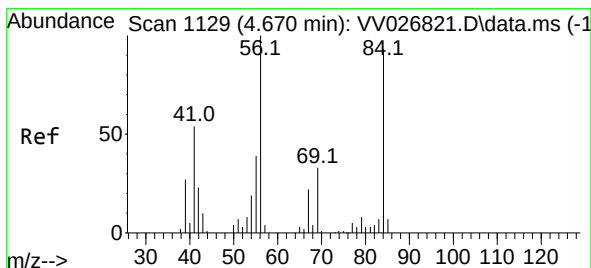
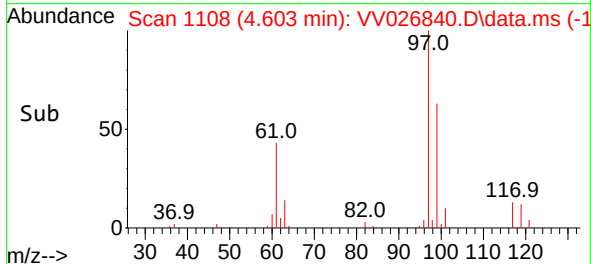
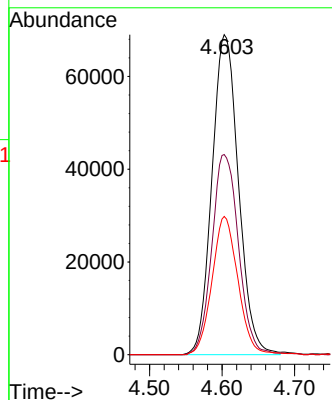
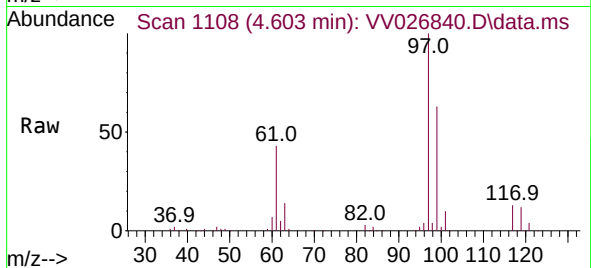
Tgt Ion: 97 Resp: 175289

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 42.4 35.1 52.7



#30

Cyclohexane

Concen: 4.804 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

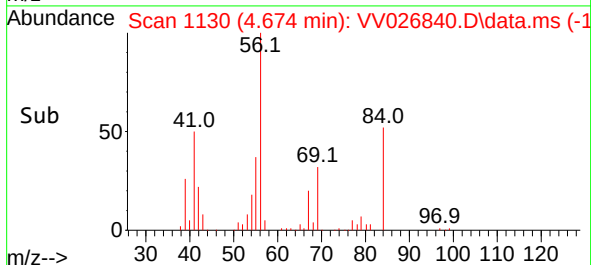
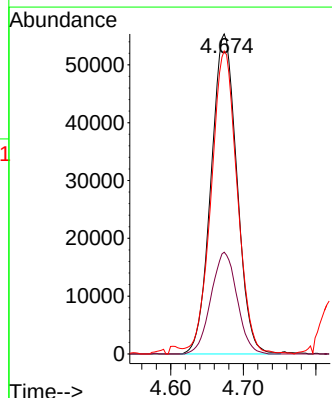
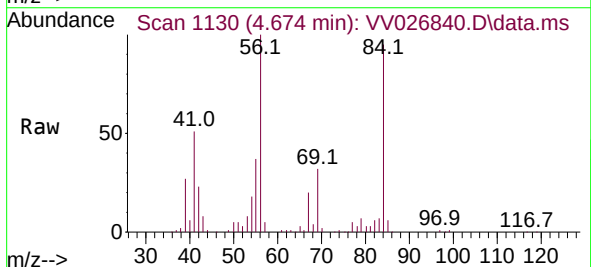
Tgt Ion: 56 Resp: 136878

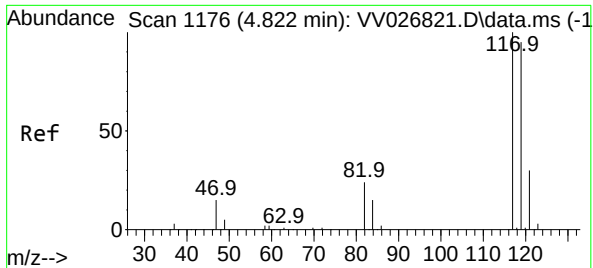
Ion Ratio Lower Upper

56 100

69 32.1 25.1 37.7

84 94.3 74.0 111.0

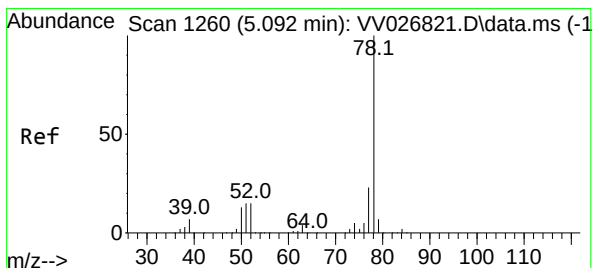
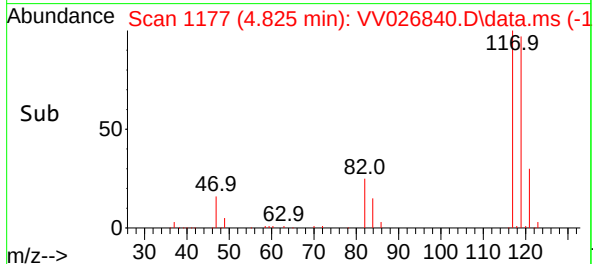
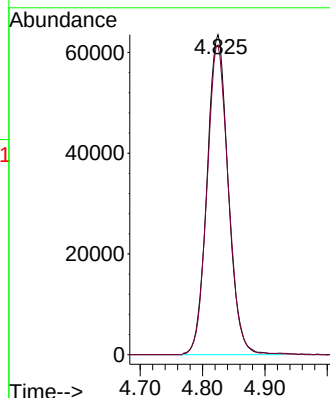
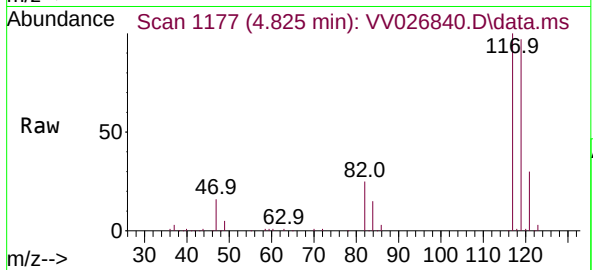




#31
Carbon tetrachloride
Concen: 5.077 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

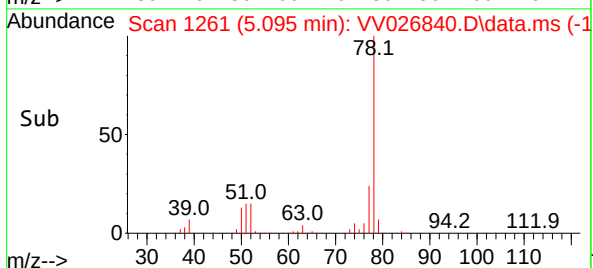
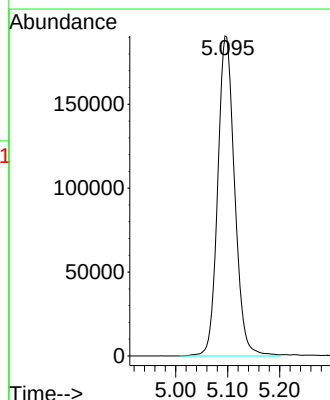
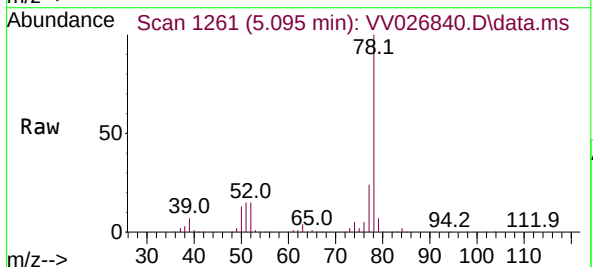
Instrument :
MSVOA_V
ClientSampleId :

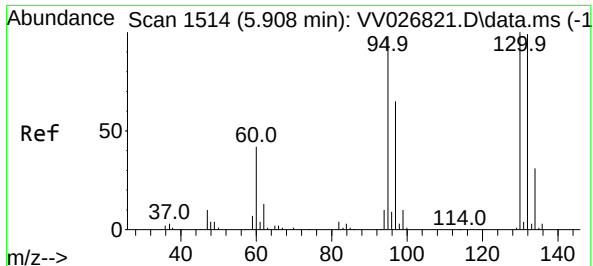
Tgt Ion:117 Resp: 149909
Ion Ratio Lower Upper
117 100
119 97.4 75.1 112.7



#33
Benzene
Concen: 5.196 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

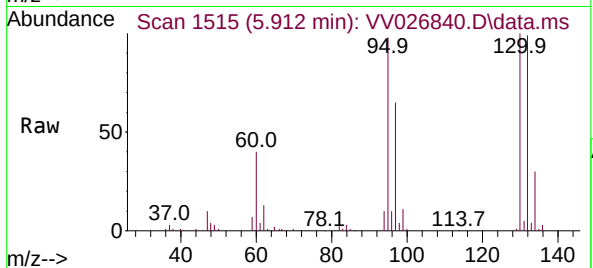
Tgt Ion: 78 Resp: 430993



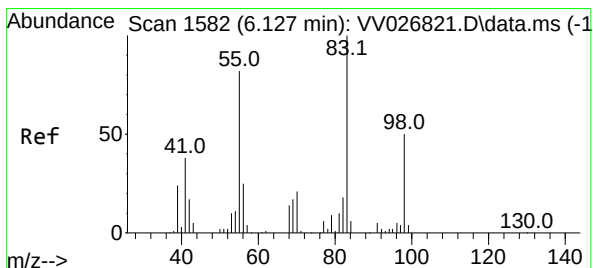
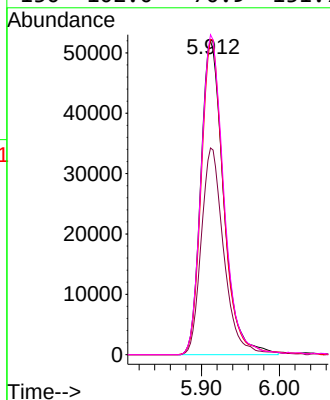
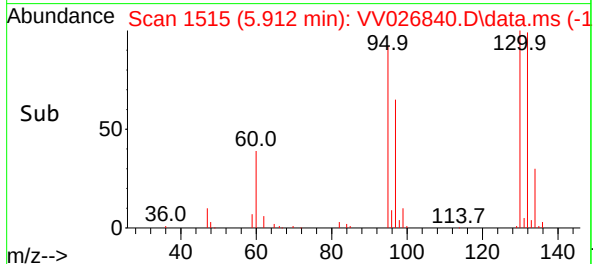


#34
Trichloroethene
Concen: 5.183 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

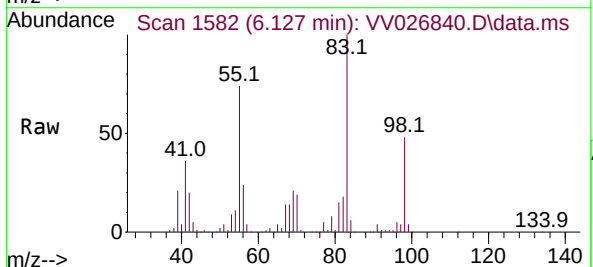
Instrument :
MSVOA_V
ClientSampleId :



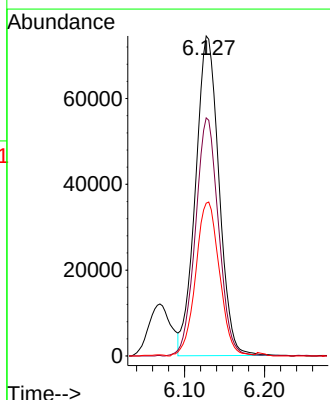
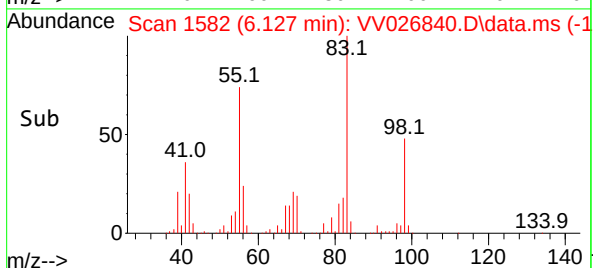
Tgt Ion: 95 Resp: 105671
Ion Ratio Lower Upper
95 100
97 65.9 44.6 82.8
132 100.5 70.2 130.4
130 102.0 70.9 131.7

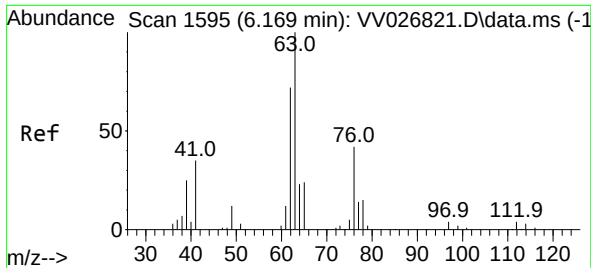


#35
Methylcyclohexane
Concen: 4.890 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11



Tgt Ion: 83 Resp: 152147
Ion Ratio Lower Upper
83 100
55 73.5 59.5 89.3
98 48.7 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.457 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

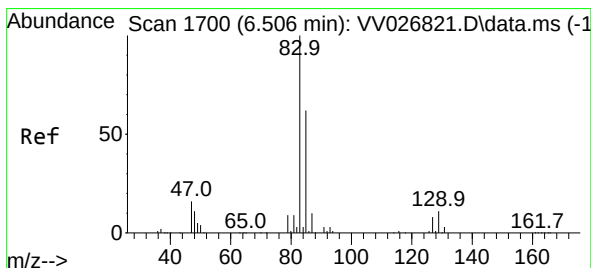
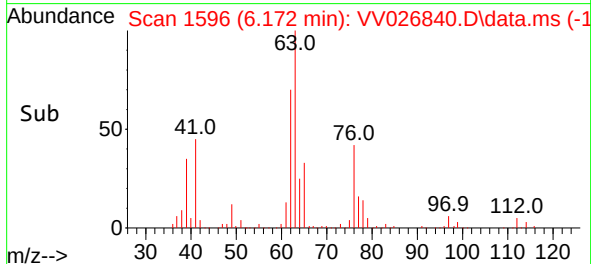
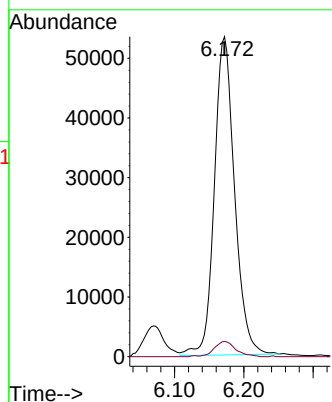
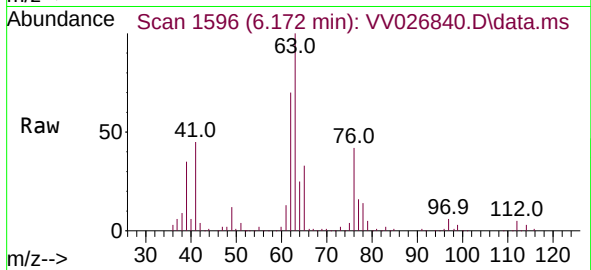
ClientSampleId :

Tgt Ion: 63 Resp: 108236

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 5.161 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

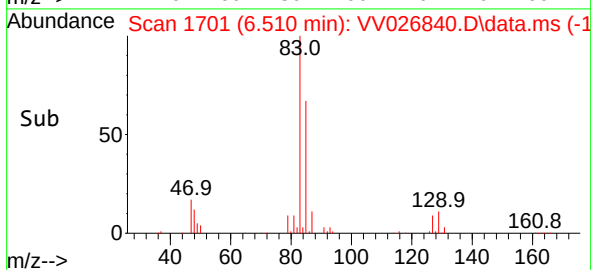
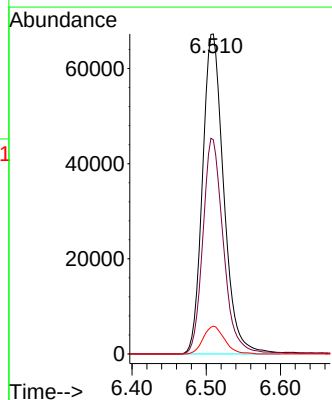
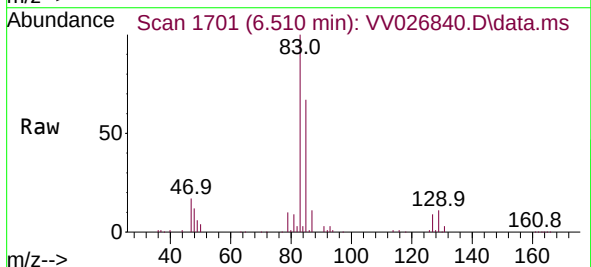
Tgt Ion: 83 Resp: 133457

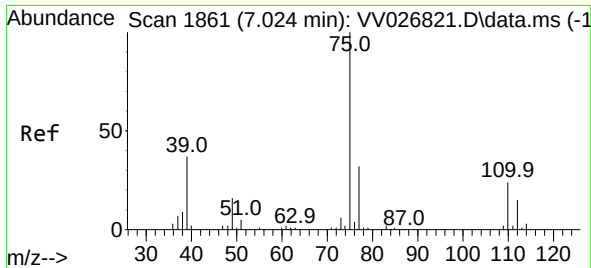
Ion Ratio Lower Upper

83 100

85 67.0 45.4 84.4

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.959 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

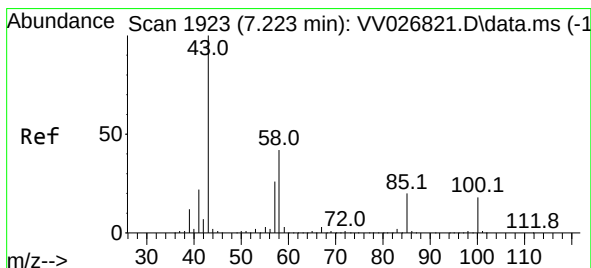
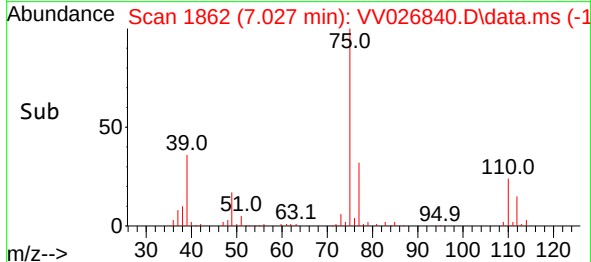
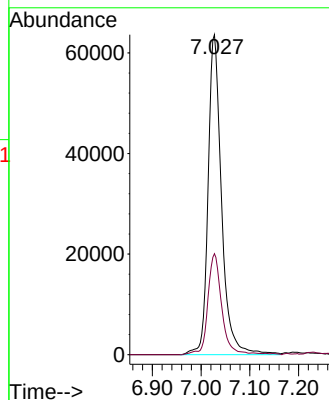
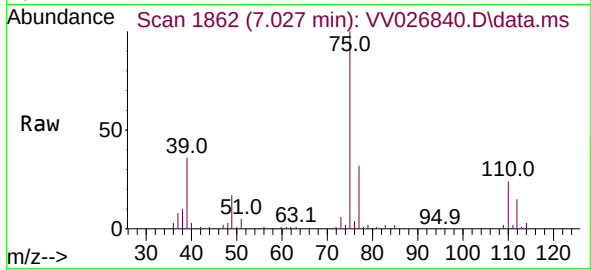
ClientSampleId :

Tgt Ion: 75 Resp: 122242

Ion Ratio Lower Upper

75 100

77 31.5 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 53.867 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

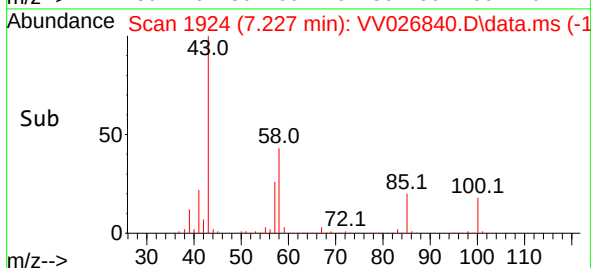
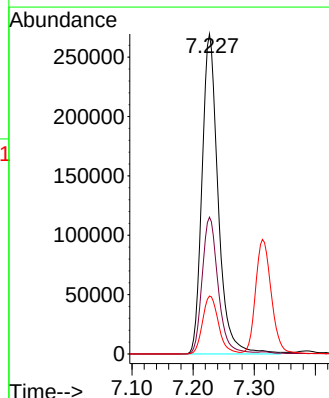
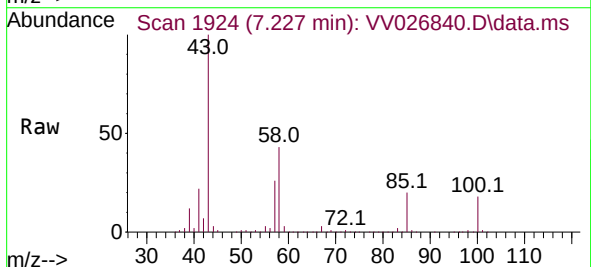
Tgt Ion: 43 Resp: 493524

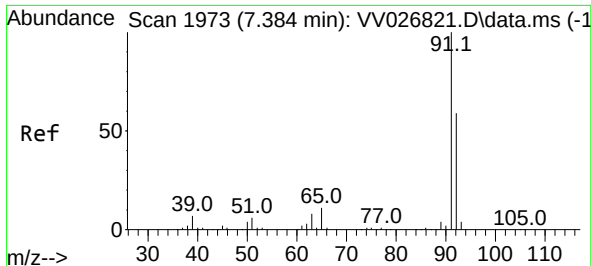
Ion Ratio Lower Upper

43 100

58 42.5 34.6 51.8

100 18.0 13.6 20.4

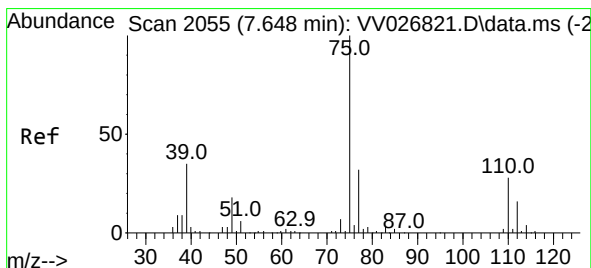
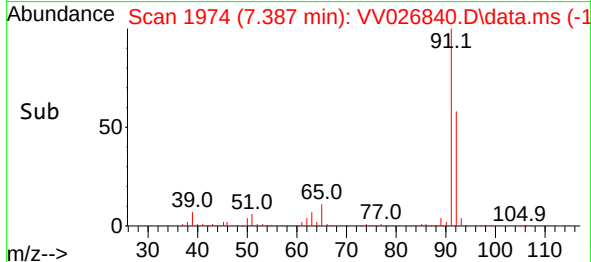
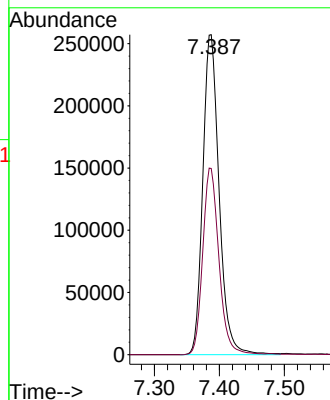
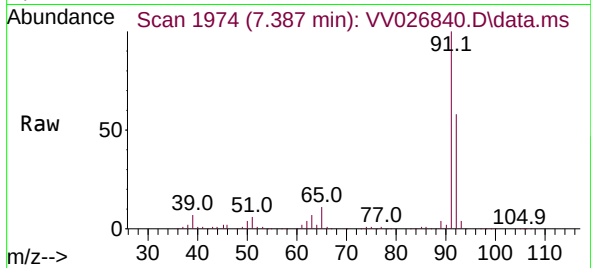




#42
Toluene
Concen: 5.365 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

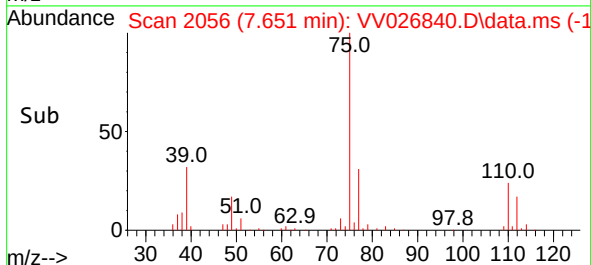
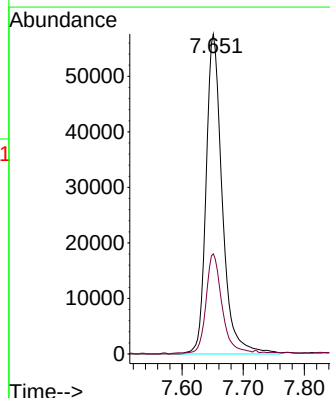
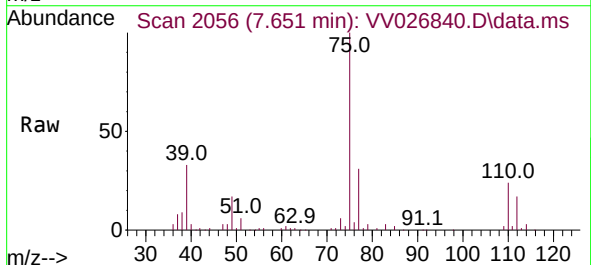
Instrument :
MSVOA_V
ClientSampleId :

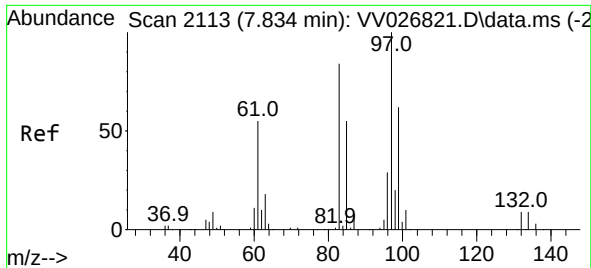
Tgt Ion: 91 Resp: 449410
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.232 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

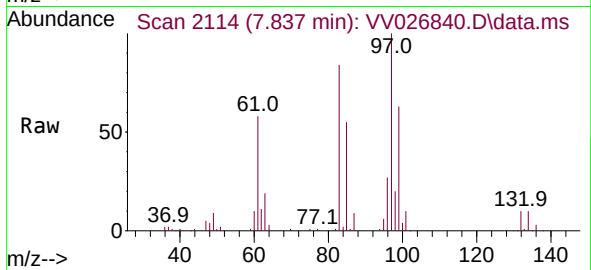
Tgt Ion: 75 Resp: 105897
Ion Ratio Lower Upper
75 100
77 31.3 22.7 42.3



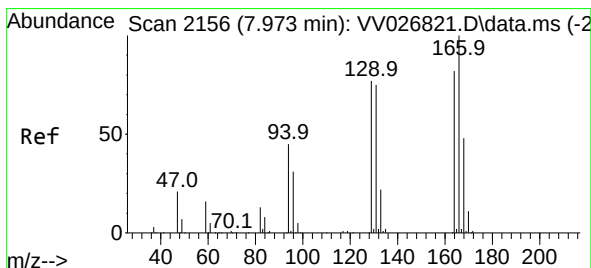
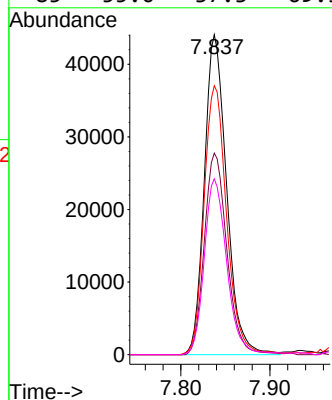
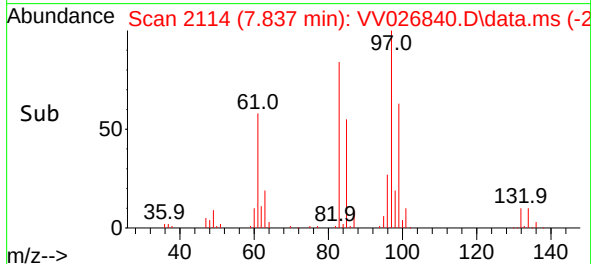


#45
 1,1,2-Trichloroethane
 Concen: 5.273 ug/L
 RT: 7.837 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

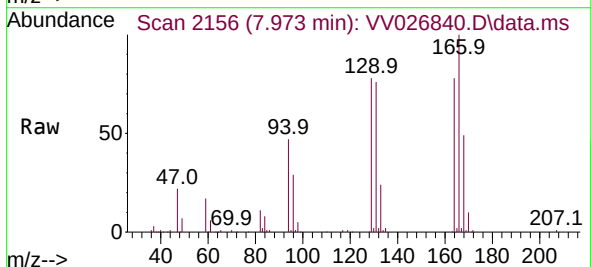
Instrument :
 MSVOA_V
 ClientSampleId :



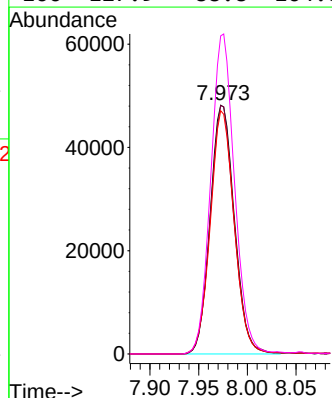
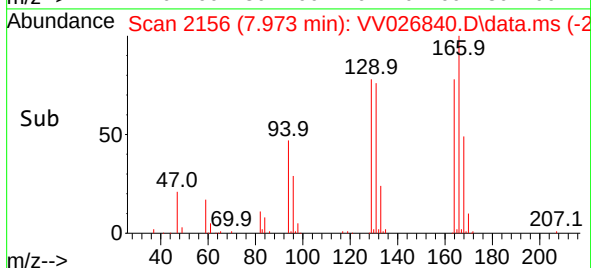
Tgt Ion:	97	Resp:	76455
Ion Ratio	100	Lower	Upper
97	100		
99	63.0	41.9	77.9
83	84.1	58.1	107.9
85	55.0	37.3	69.3

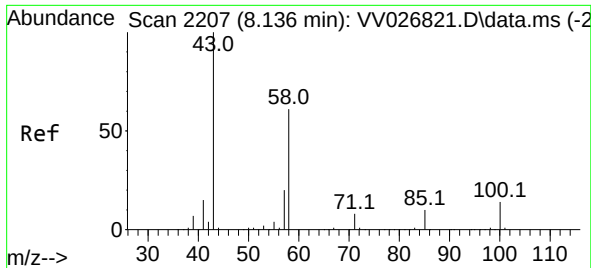


#47
 Tetrachloroethene
 Concen: 5.211 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11



Tgt Ion:	164	Resp:	83314
Ion Ratio	100	Lower	Upper
164	100		
129	99.9	67.8	125.8
131	97.8	65.9	122.5
166	127.9	88.8	164.8

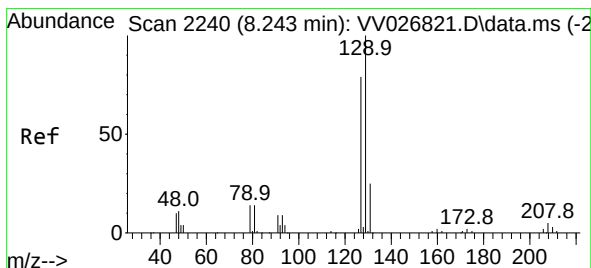
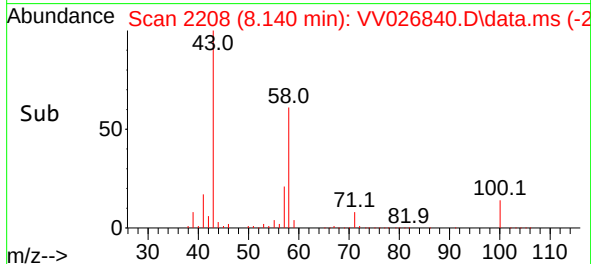
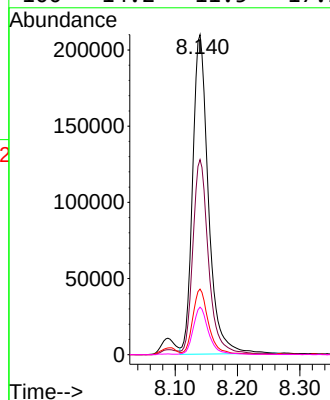
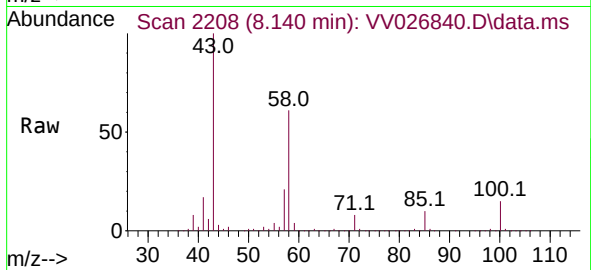




#48
2-Hexanone
Concen: 55.657 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

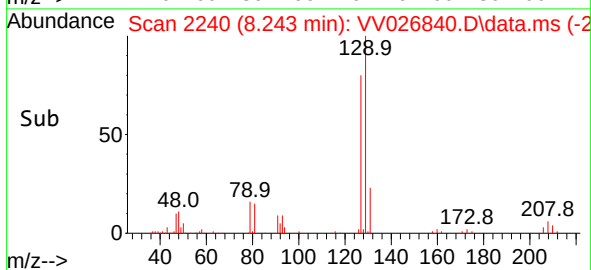
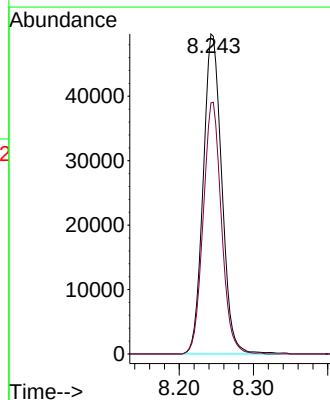
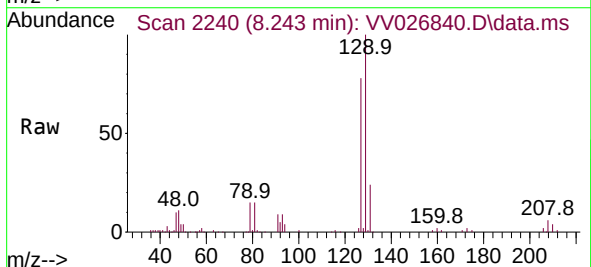
Instrument :
MSVOA_V
ClientSampleId :

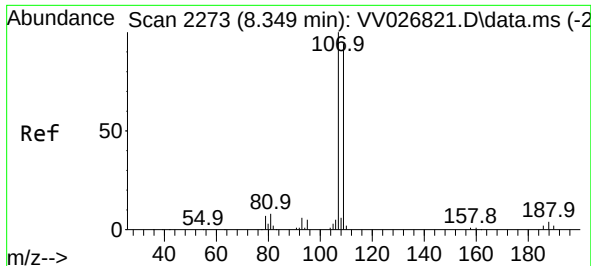
Tgt Ion: 43 Resp: 369059
Ion Ratio Lower Upper
43 100
58 59.8 47.9 71.9
57 20.4 16.3 24.5
100 14.2 11.5 17.3



#49
Dibromochloromethane
Concen: 5.162 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion:129 Resp: 86255
Ion Ratio Lower Upper
129 100
127 78.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.335 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026840.D

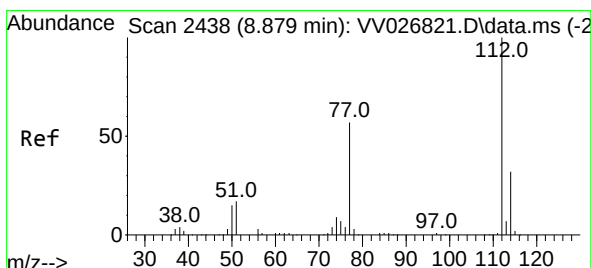
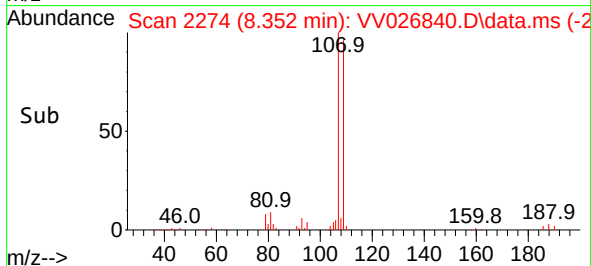
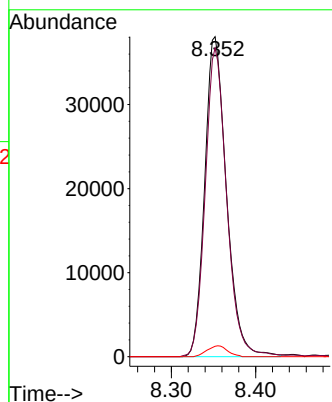
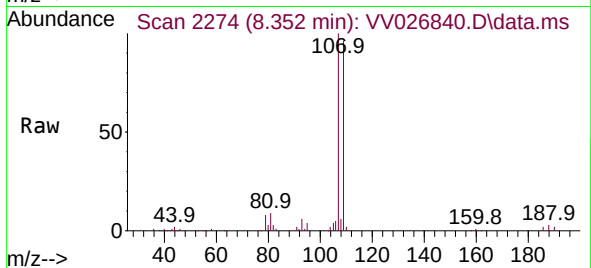
Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	68444
Ion	Ratio	Lower	Upper
107	100		
109	96.4	68.0	126.4
188	3.3	2.8	4.2



#51

Chlorobenzene

Concen: 5.387 ug/L

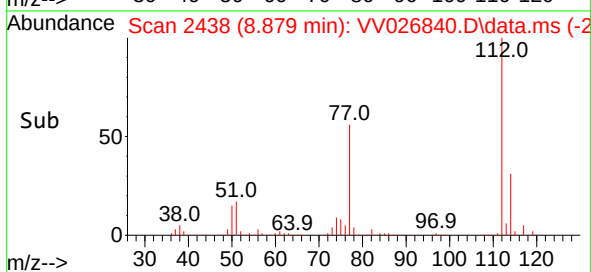
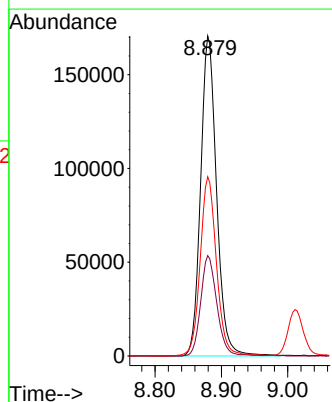
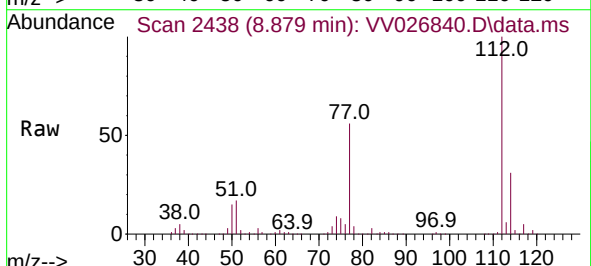
RT: 8.879 min Scan# 2438

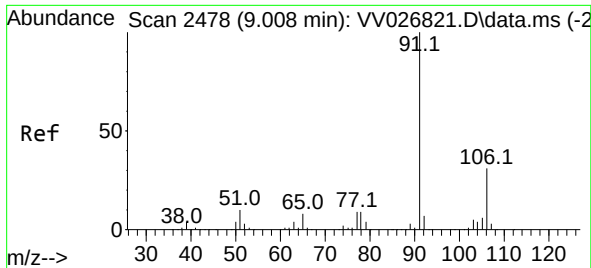
Delta R.T. 0.000 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Tgt Ion:	112	Resp:	285341
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	56.0	46.6	70.0

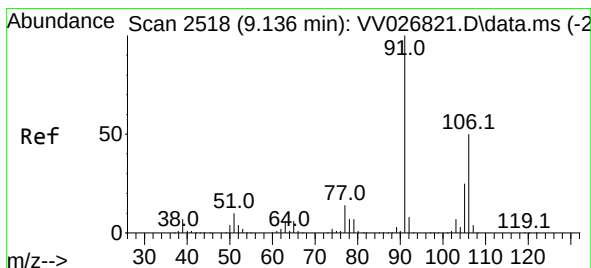
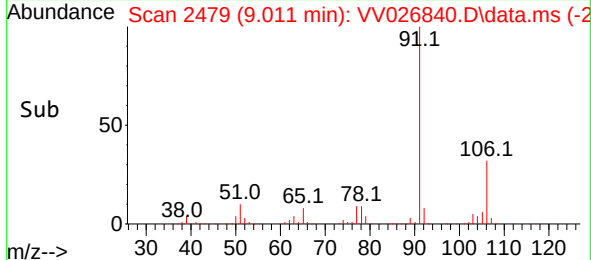
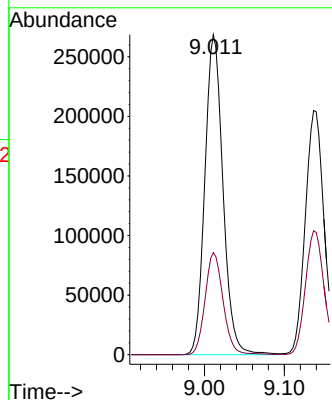
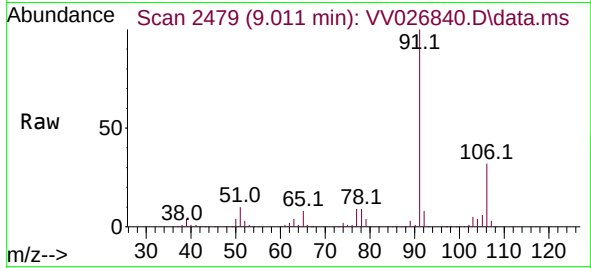




#52
Ethylbenzene
Concen: 5.109 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

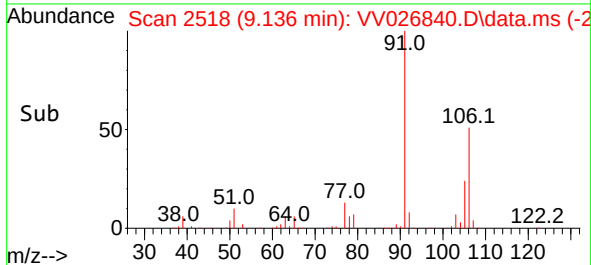
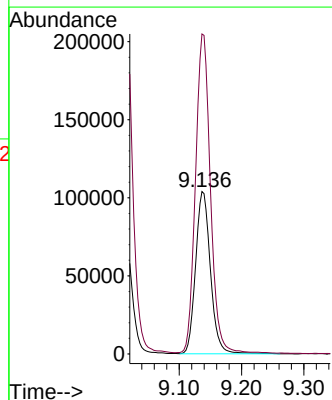
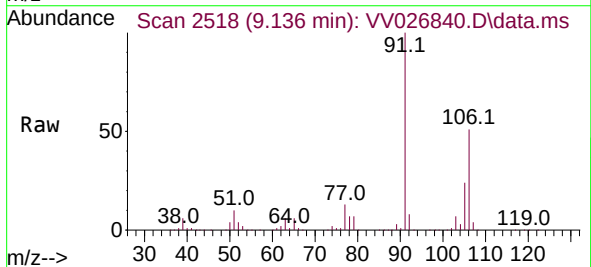
Instrument :
MSVOA_V
ClientSampleId :

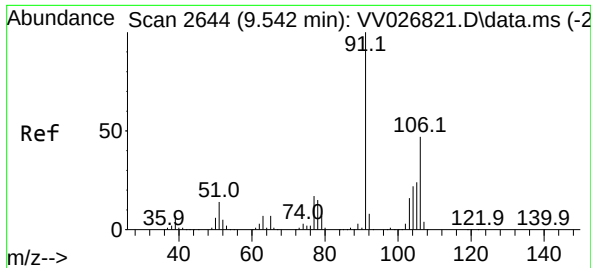
Tgt Ion: 91 Resp: 423577
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.2



#53
m,p-Xylene
Concen: 5.323 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion: 106 Resp: 171595
Ion Ratio Lower Upper
106 100
91 197.0 139.3 258.7

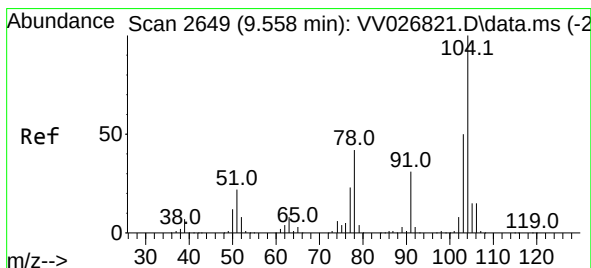
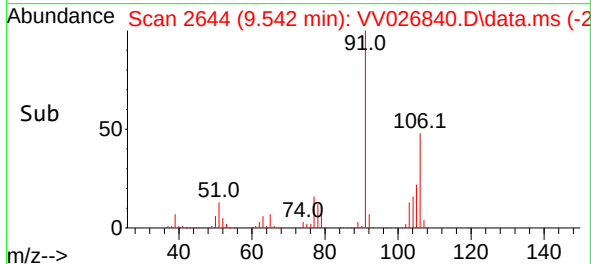
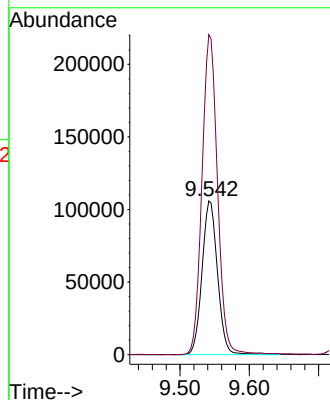
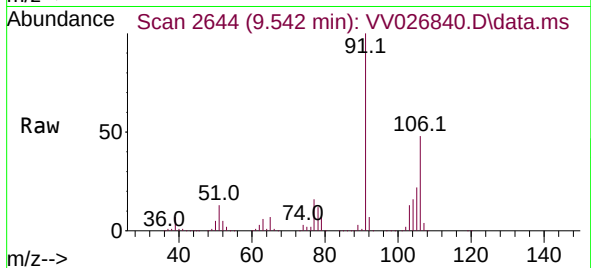




#54
o-Xylene
Concen: 5.345 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

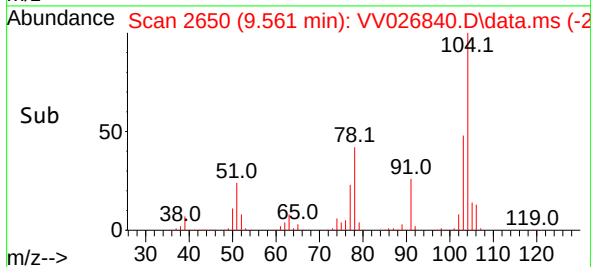
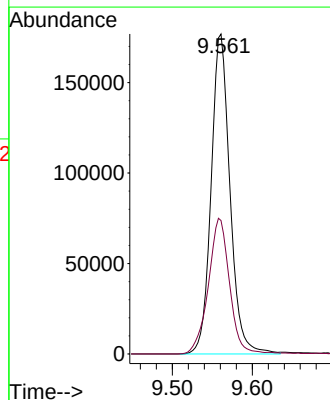
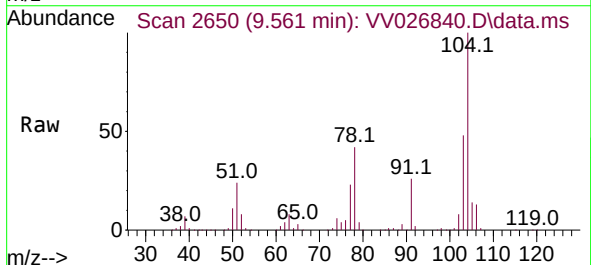
Instrument :
MSVOA_V
ClientSampleId :

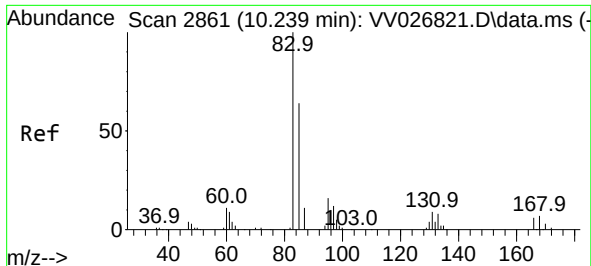
Tgt Ion:106 Resp: 163767
Ion Ratio Lower Upper
106 100
91 208.2 151.1 280.7



#55
Styrene
Concen: 5.396 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion:104 Resp: 289703
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.9

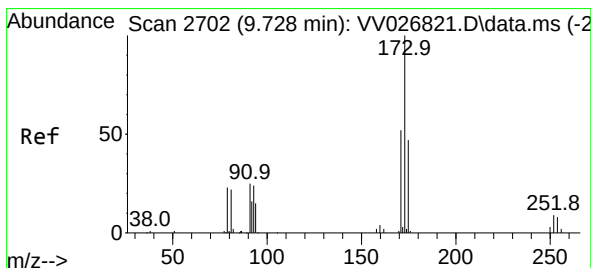
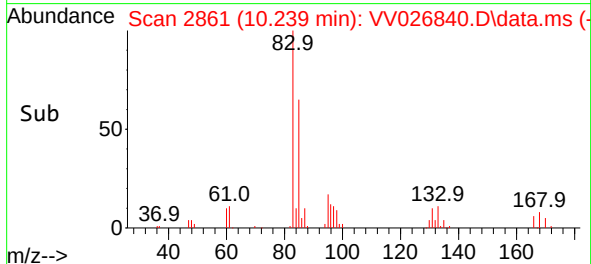
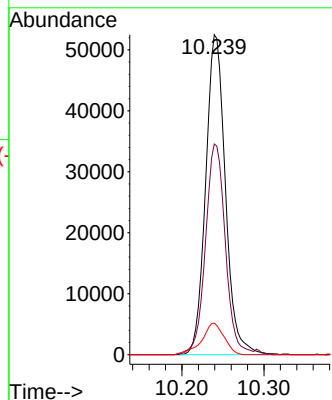
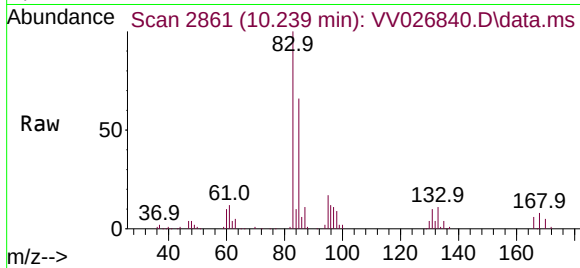




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.106 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

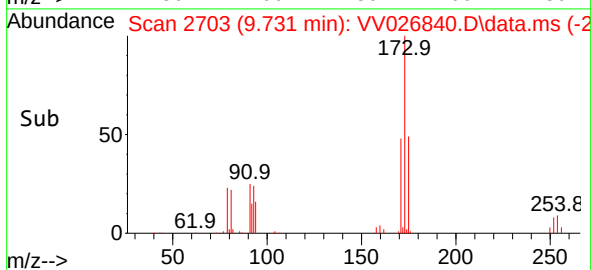
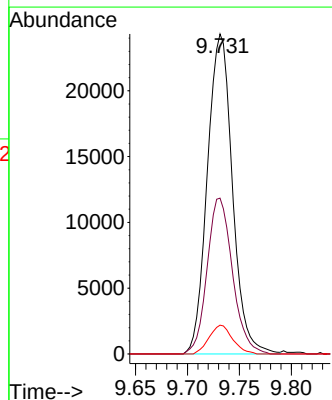
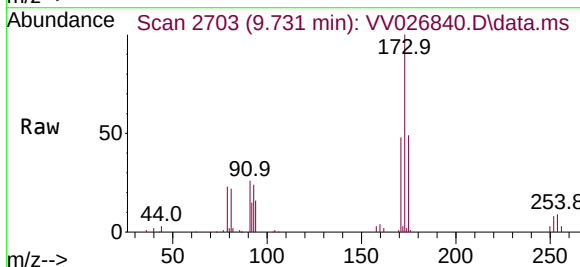
Instrument :
 MSVOA_V
 ClientSampleId :

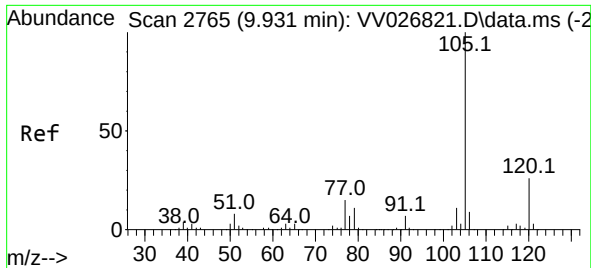
Tgt Ion: 83 Resp: 87645
 Ion Ratio Lower Upper
 83 100
 85 65.8 43.6 81.0
 131 9.8 7.4 11.2



#59
 Bromoform
 Concen: 4.720 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

Tgt Ion: 173 Resp: 40857
 Ion Ratio Lower Upper
 173 100
 175 49.1 40.7 61.1
 254 8.4 6.5 9.7

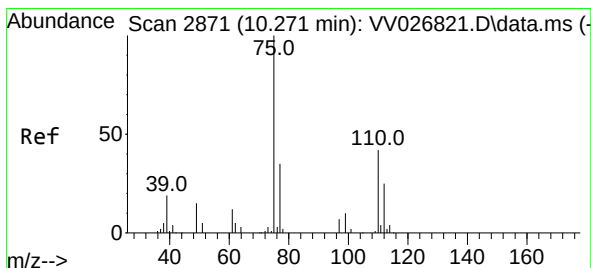
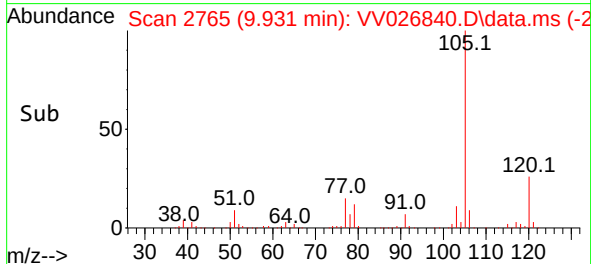
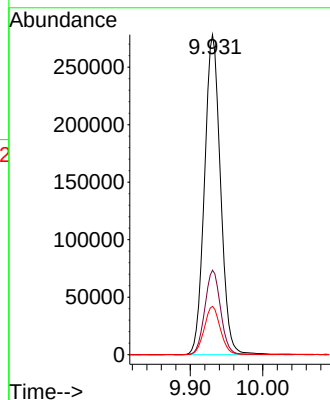
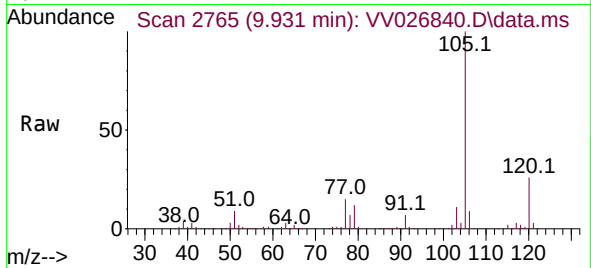




#60
Isopropylbenzene
Concen: 5.068 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

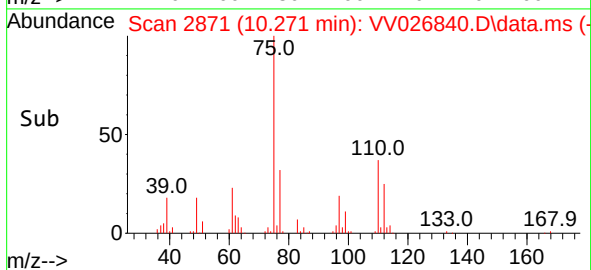
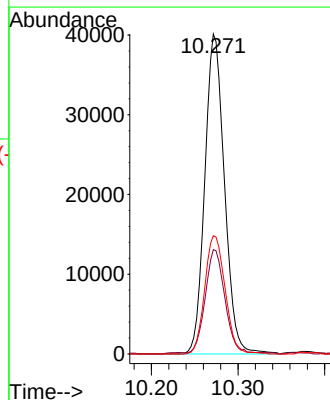
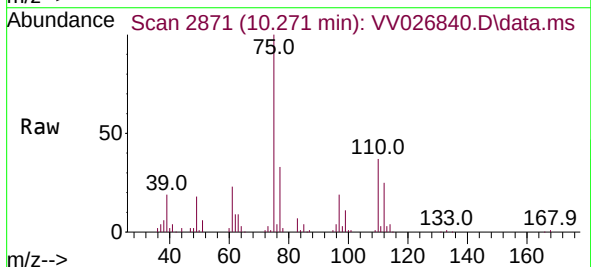
Instrument :
MSVOA_V
ClientSampleId :

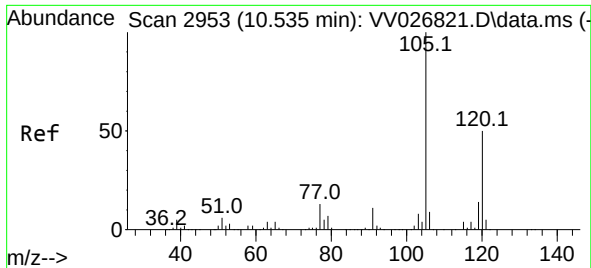
Tgt Ion:105 Resp: 426502
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.094 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion: 75 Resp: 63386
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 38.3 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.832 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV026840.D

Acq: 19 Jul 2022 21:11

Instrument :

MSVOA_V

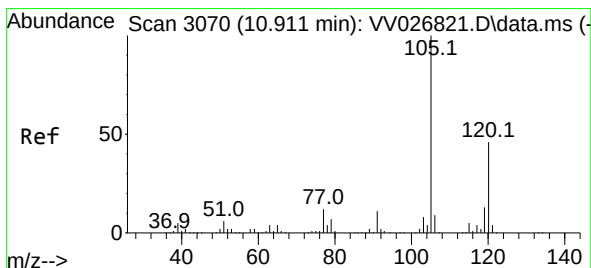
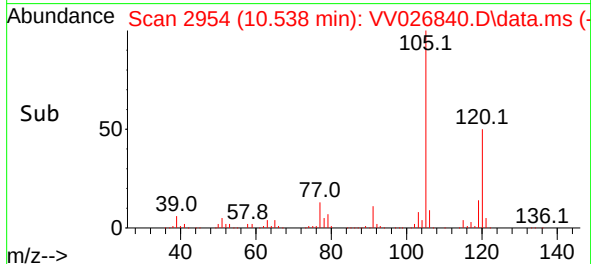
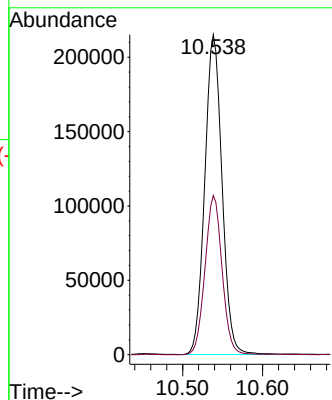
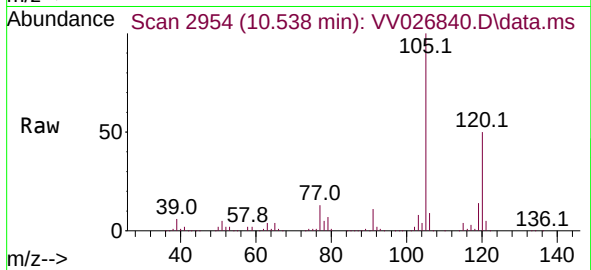
ClientSampleId :

Tgt Ion:105 Resp: 323523

Ion Ratio Lower Upper

105 100

120 49.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.908 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026840.D

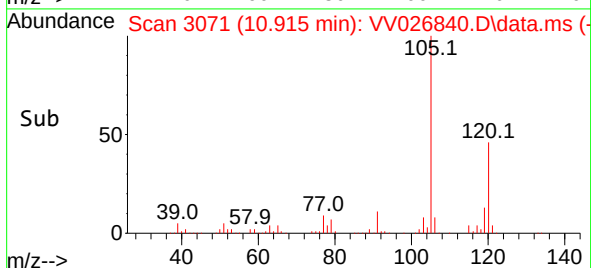
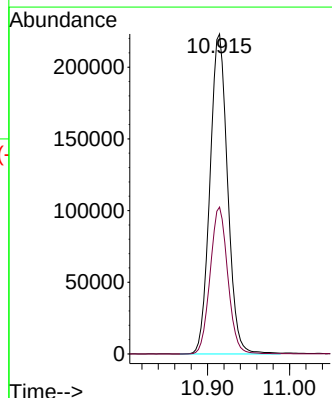
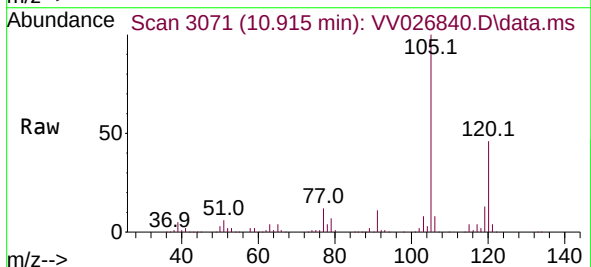
Acq: 19 Jul 2022 21:11

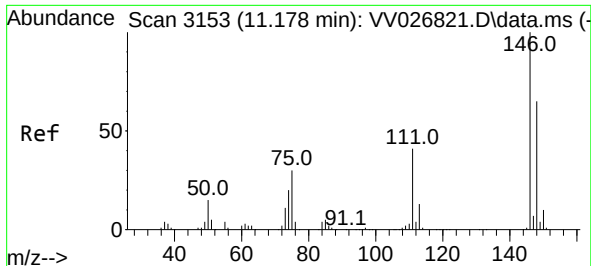
Tgt Ion:105 Resp: 333683

Ion Ratio Lower Upper

105 100

120 45.9 36.8 55.2

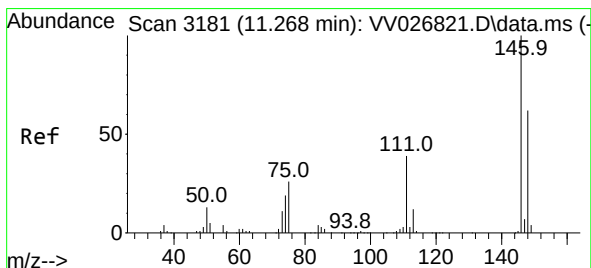
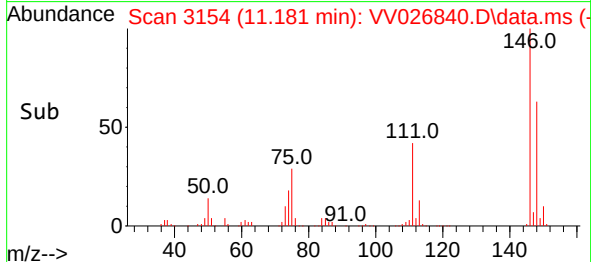
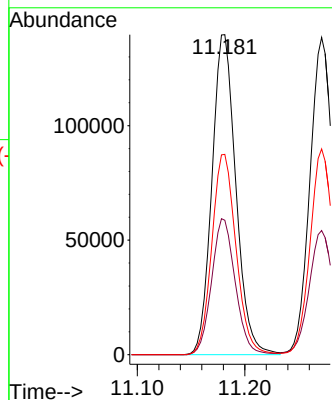
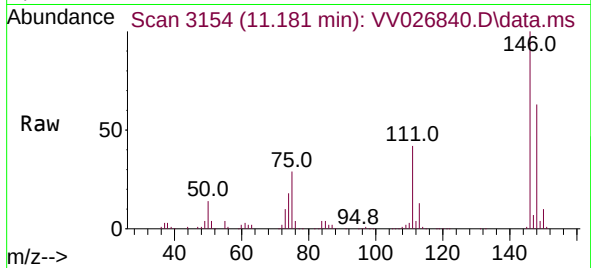




#64
1,3-Dichlorobenzene
Concen: 5.247 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

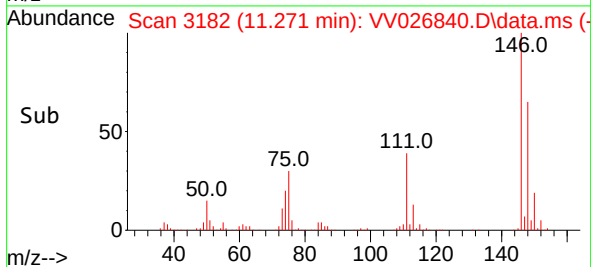
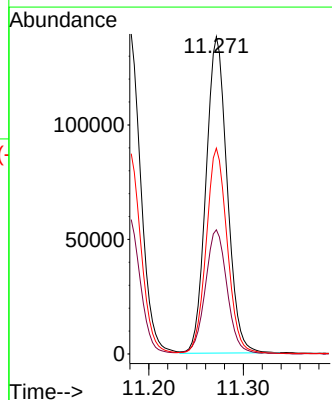
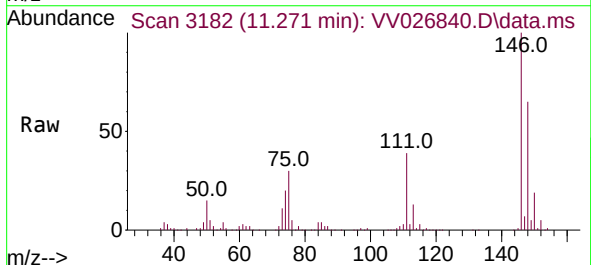
Instrument :
MSVOA_V
ClientSampleId :

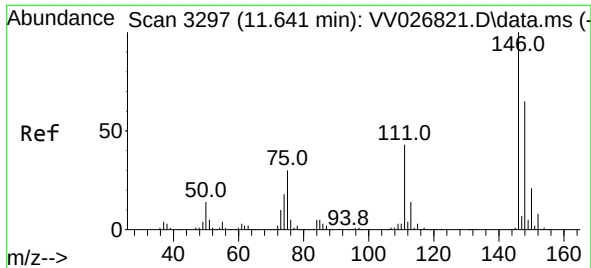
Tgt Ion:146 Resp: 216338
Ion Ratio Lower Upper
146 100
111 42.0 27.9 51.7
148 62.6 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.123 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

Tgt Ion:146 Resp: 214781
Ion Ratio Lower Upper
146 100
111 39.1 26.8 49.8
148 64.9 43.3 80.5

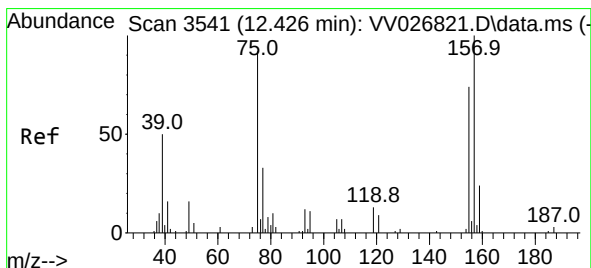
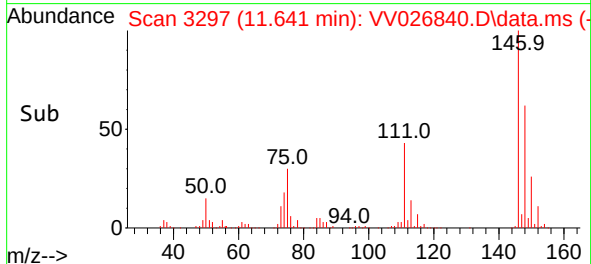
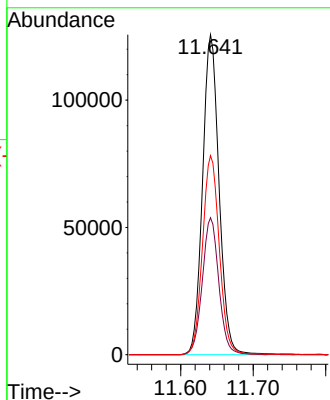
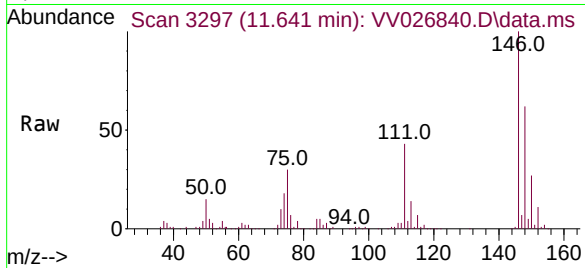




#67
1,2-Dichlorobenzene
Concen: 5.166 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

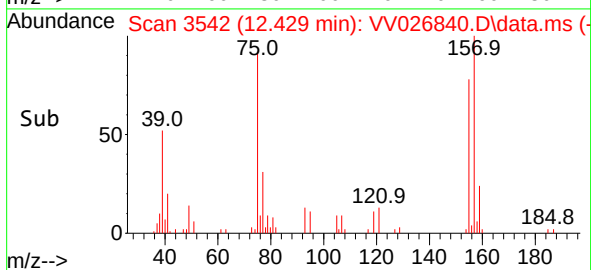
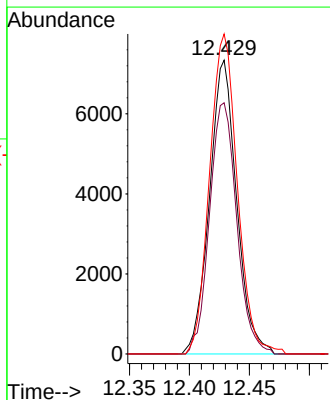
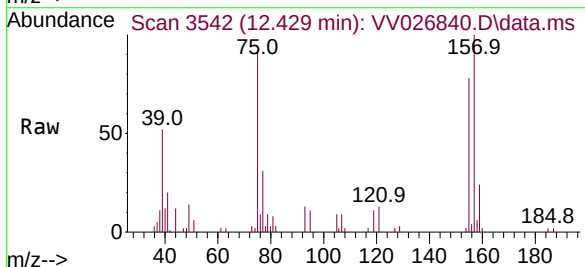
Instrument :
MSVOA_V
ClientSampleId :

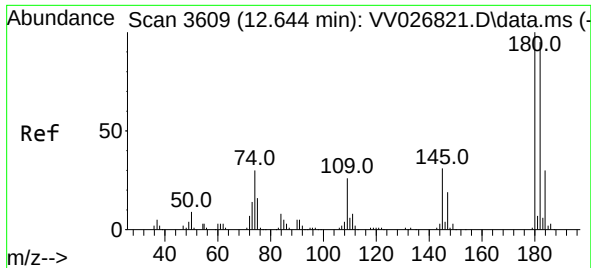
Tgt Ion:146 Resp: 198895
Ion Ratio Lower Upper
146 100
111 42.8 34.6 52.0
148 62.2 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.384 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

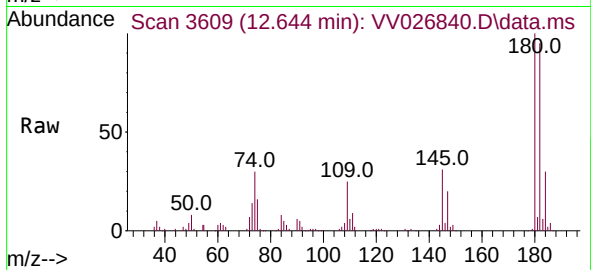
Tgt Ion: 75 Resp: 11564
Ion Ratio Lower Upper
75 100
155 85.5 60.3 90.5
157 108.9 78.2 117.4



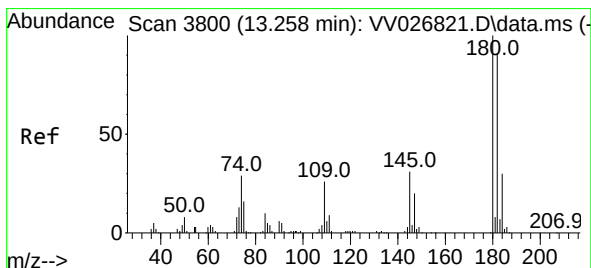
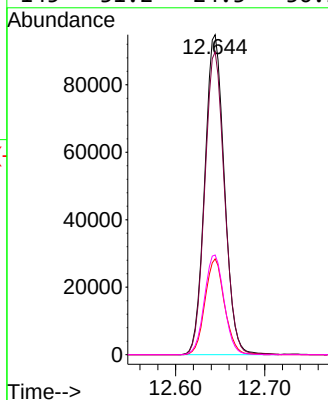
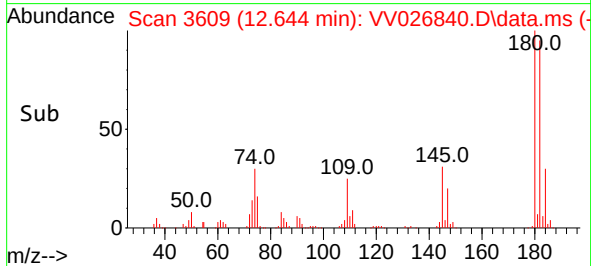


#69
 1,3,5-Trichlorobenzene
 Concen: 4.975 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11

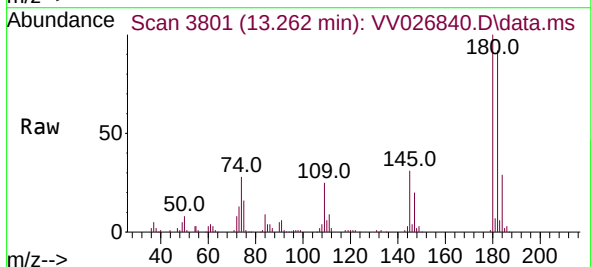
Instrument :
 MSVOA_V
 ClientSampleId :



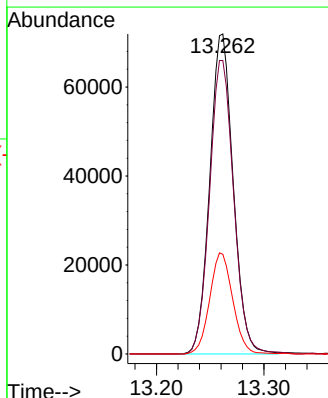
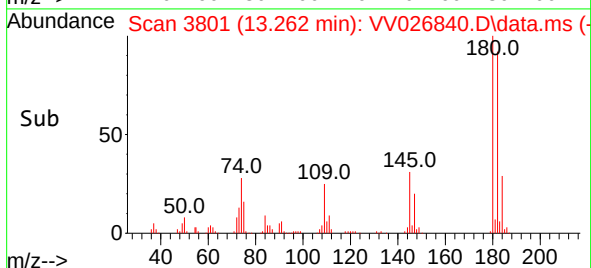
Tgt Ion:180 Resp: 144993
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.0 111.0
 184 29.8 23.1 34.7
 145 31.2 24.3 36.5

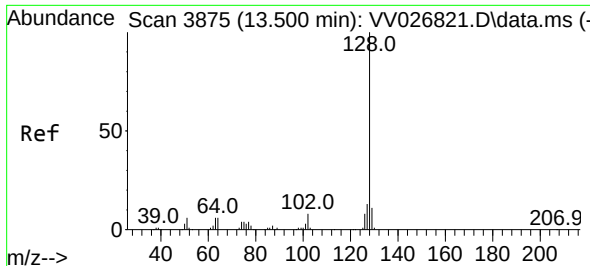


#70
 1,2,4-trichlorobenzene
 Concen: 4.913 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026840.D
 Acq: 19 Jul 2022 21:11



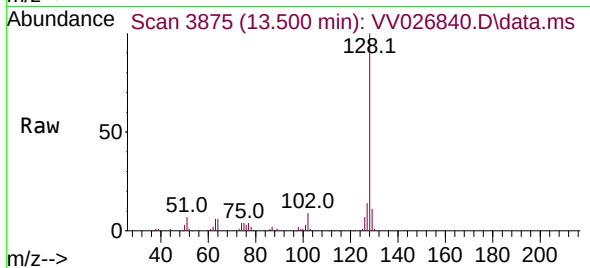
Tgt Ion:180 Resp: 108889
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.7 112.1
 145 31.1 24.7 37.1



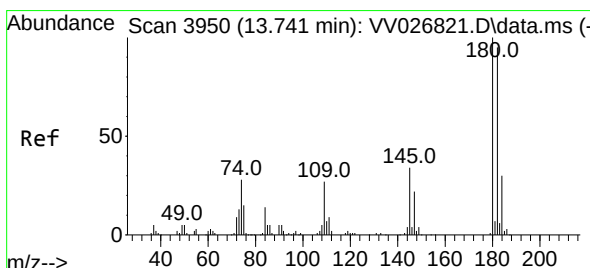
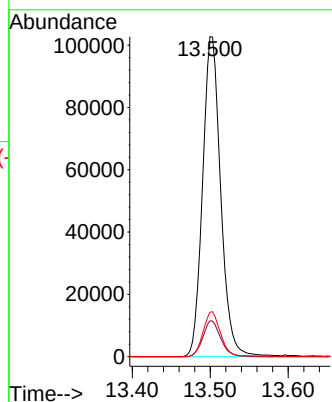
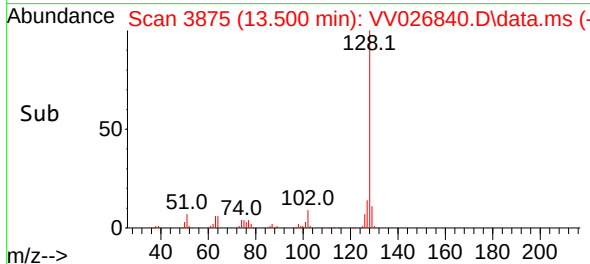


#71
Naphthalene
Concen: 4.517 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11

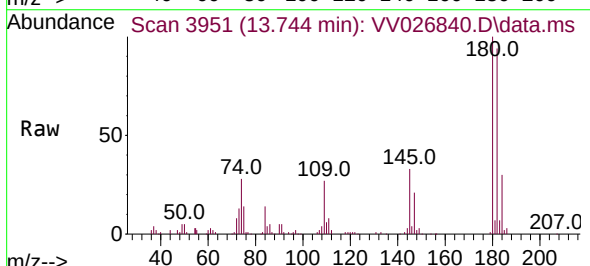
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 165844
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.6 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.911 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026840.D
Acq: 19 Jul 2022 21:11



Tgt Ion:180 Resp: 101275
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.4
145 33.4 26.0 39.0

