

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027130.D
 Acq On : 01 Aug 2022 15:52
 Operator : SY/MD
 Sample : VSTD00546
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

Quant Time: Aug 02 00:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	593051	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	574829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18845	4.903	ug/L	0.00
7) Chloroethane-d5	1.564	69	16529	5.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	38047	5.198	ug/L	0.00
21) 2-Butanone-d5	3.905	46	16230	6.730	ug/L	0.03
24) Chloroform-d	4.346	84	38485	4.954	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	21438	4.864	ug/L	0.00
32) Benzene-d6	5.053	84	70863	4.659	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	22287	4.737	ug/L	0.00
41) Toluene-d8	7.317	98	58164	4.242	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	8984	4.350	ug/L	0.01
47) 2-Hexanone-d5	8.101	63	12055	6.636	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34610	4.921	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	23093	4.944	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	31686	5.584	ug/L	98
3) Chloromethane	1.240	50	30436	5.656	ug/L	99
5) Vinyl chloride	1.307	62	30950	5.526	ug/L	99
6) Bromomethane	1.519	94	15972	5.499	ug/L	98
8) Chloroethane	1.580	64	18309	6.101	ug/L	100
9) Trichlorofluoromethane	1.748	101	42491	5.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	23853	5.636	ug/L	98
12) 1,1-Dichloroethene	2.114	96	22981	5.588	ug/L	97
13) Acetone	2.169	43	24746	11.581	ug/L	96
14) Carbon disulfide	2.291	76	66639	5.441	ug/L	99
15) Methyl Acetate	2.433	43	24758	5.326	ug/L	99
16) Methylene chloride	2.503	84	30673	5.884	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	23266	5.315	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	62810	4.995	ug/L	99
19) 1,1-Dichloroethane	3.188	63	43643	5.445	ug/L	93
20) cis-1,2-Dichloroethene	3.912	96	23048	4.960	ug/L	97
22) 2-Butanone	3.989	43	22259	7.933	ug/L	98
23) Bromochloromethane	4.246	128	14211	5.383	ug/L	97
25) Chloroform	4.375	83	45456	5.386	ug/L	98
27) 1,2-Dichloroethane	5.133	62	31191	5.338	ug/L	98
29) Cyclohexane	4.674	56	26860	4.615	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	39400	5.466	ug/L	99
31) Carbon tetrachloride	4.828	117	33103	5.341	ug/L	97
33) Benzene	5.101	78	89191	5.059	ug/L	100
34) Trichloroethene	5.915	95	24596	5.425	ug/L	95
35) Methylcyclohexane	6.127	83	31142	4.628	ug/L	96
37) 1,2-Dichloropropane	6.175	63	23599	5.099	ug/L	98
38) Bromodichloromethane	6.510	83	33206	5.416	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	29103	4.482	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	48267	8.824	ug/L	96
42) Toluene	7.391	91	84940	4.670	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	28436	4.558	ug/L	97

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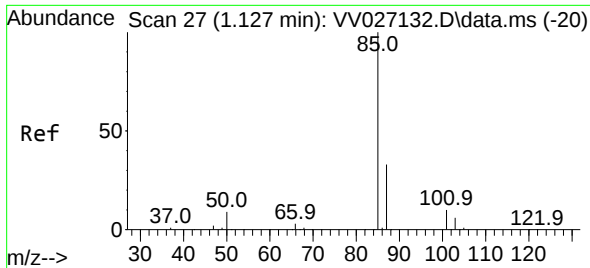
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

Quant Time: Aug 02 00:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.841	97	26535	5.454	ug/L	99
46) Tetrachloroethene	7.976	164	17507	5.058	ug/L	90
48) 2-Hexanone	8.146	43	36669	8.622	ug/L #	92
49) Dibromochloromethane	8.246	129	25936	5.135	ug/L	98
50) 1,2-Dibromoethane	8.355	107	25990	5.160	ug/L	98
51) Chlorobenzene	8.882	112	67710	5.380	ug/L	99
52) Ethylbenzene	9.011	91	83470	4.478	ug/L	97
53) m,p-Xylene	9.140	106	31348	4.287	ug/L	99
54) o-Xylene	9.545	106	31004	4.332	ug/L	97
55) Styrene	9.564	104	50753	4.080	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42541	5.392	ug/L	98
59) Bromoform	9.731	173	16850	5.491	ug/L	97
60) Isopropylbenzene	9.931	105	78638	4.822	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33188	6.014	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	32682	4.627	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	25370	4.445	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	41955	5.220	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	45455	5.361	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	44973	5.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	7863	5.326	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	28780	5.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	22168	4.630	ug/L	98
71) Naphthalene	13.503	128	63216	4.019	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	24337	4.648	ug/L	97

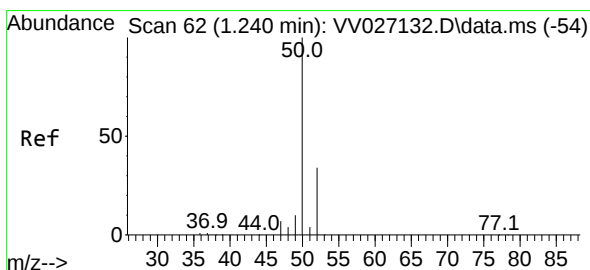
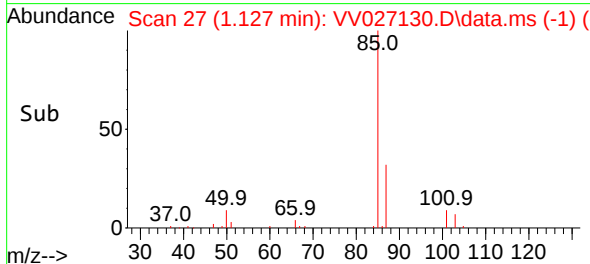
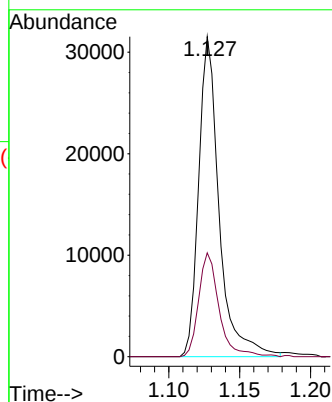
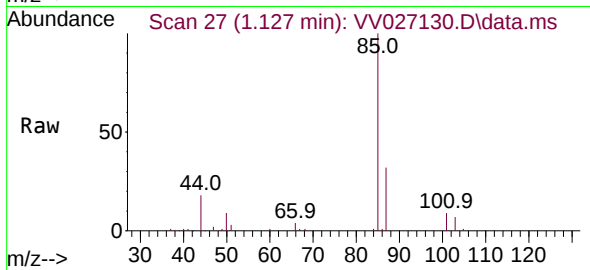
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.584 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

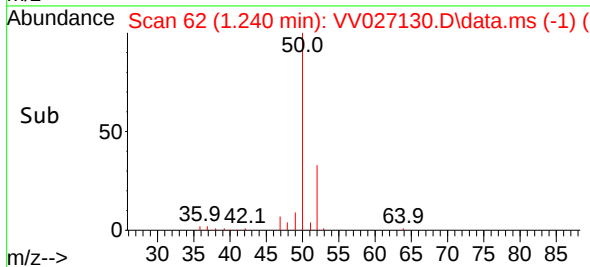
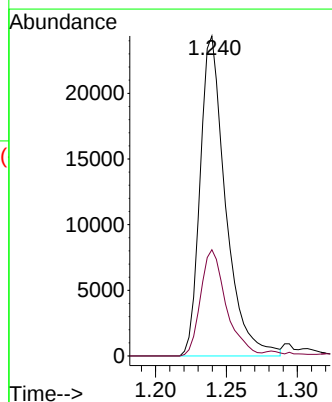
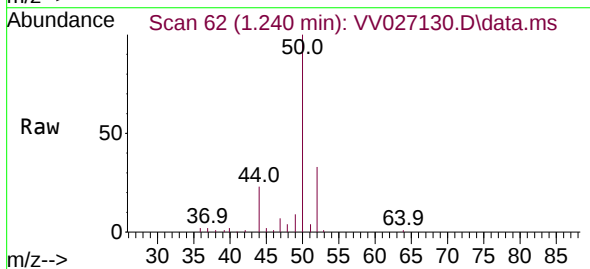
Instrument :
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 ClientSampleId :
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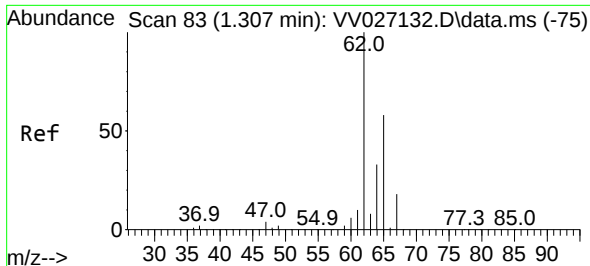
Tgt Ion: 85 Resp: 31686
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.3 39.5



#3
 Chloromethane
 Concen: 5.656 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

Tgt Ion: 50 Resp: 30436
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.7 43.9

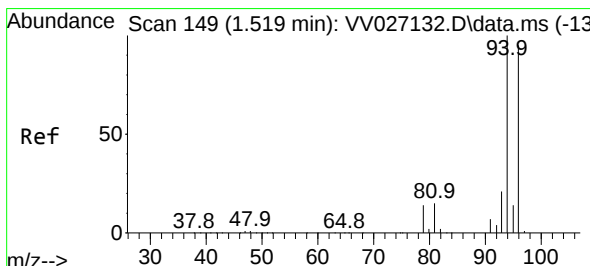
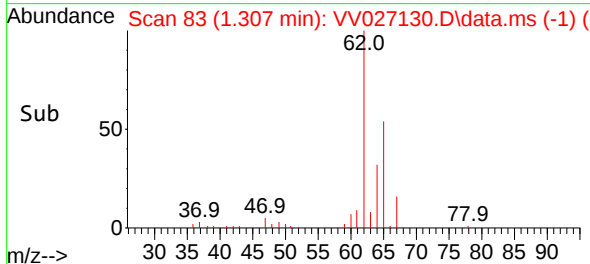
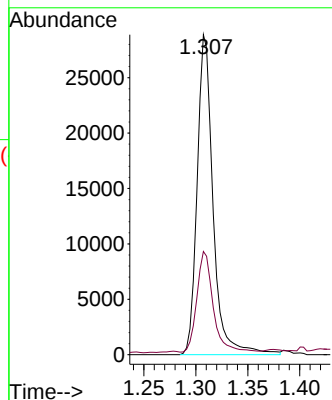
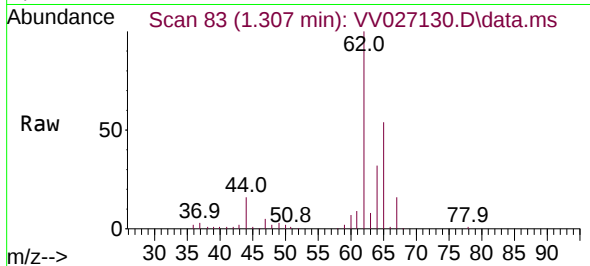




#5
 Vinyl chloride
 Concen: 5.526 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

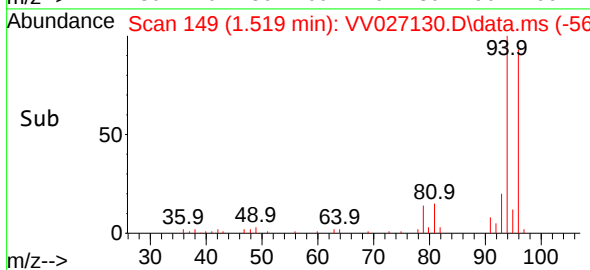
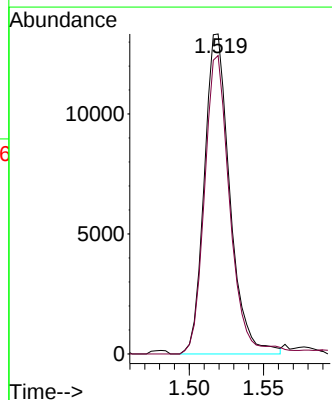
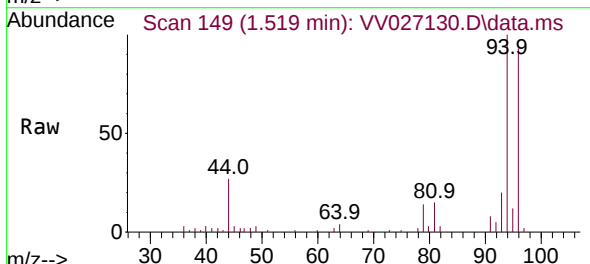
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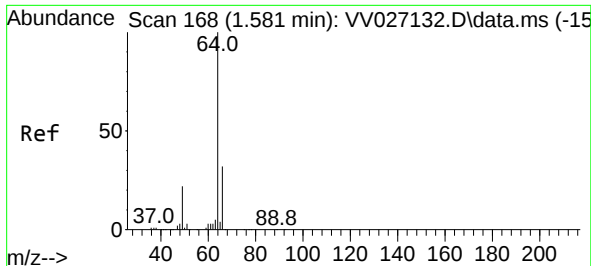
Tgt Ion: 62 Resp: 30950
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 5.499 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

Tgt Ion: 94 Resp: 15972
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.6 123.6

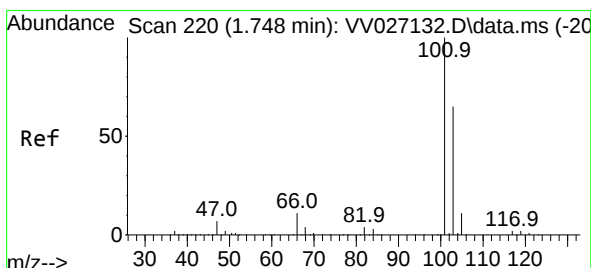
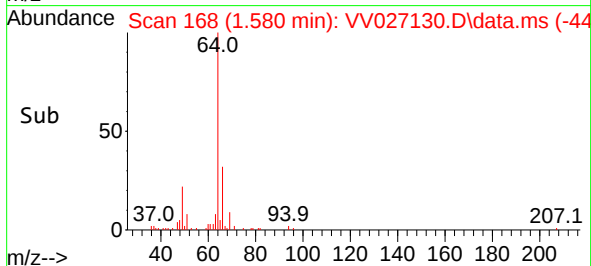
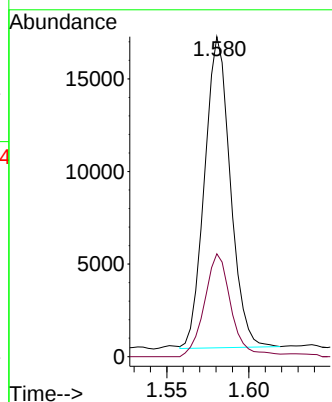
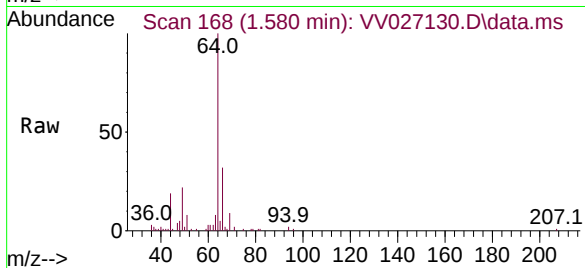




#8
Chloroethane
Concen: 6.101 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

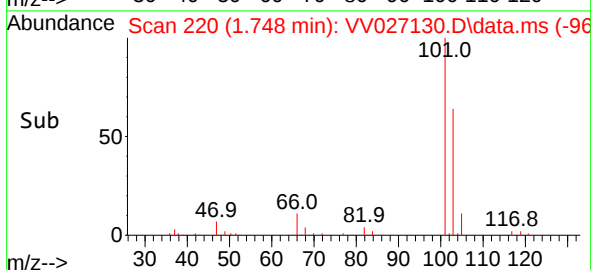
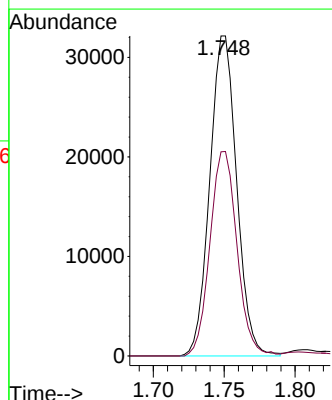
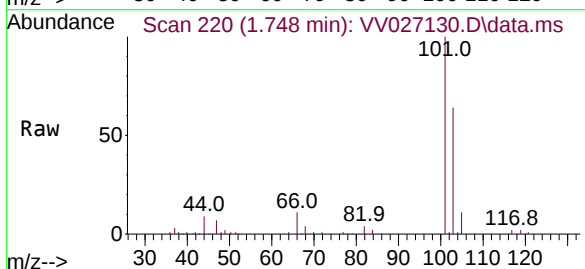
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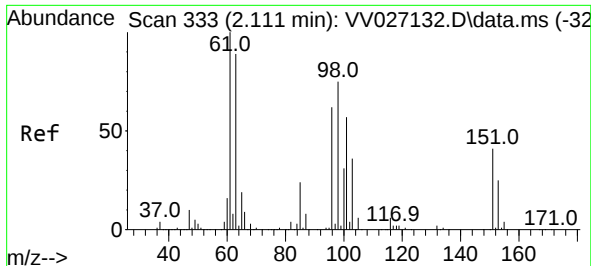
Tgt Ion: 64 Resp: 18309
Ion Ratio Lower Upper
64 100
66 32.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.758 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:101 Resp: 42491
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8

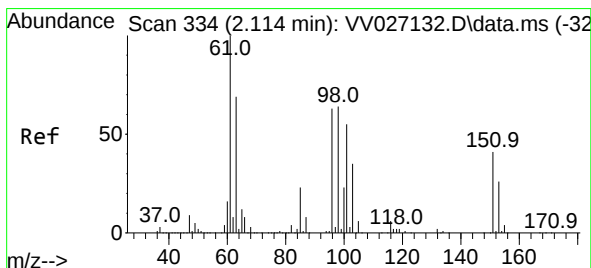
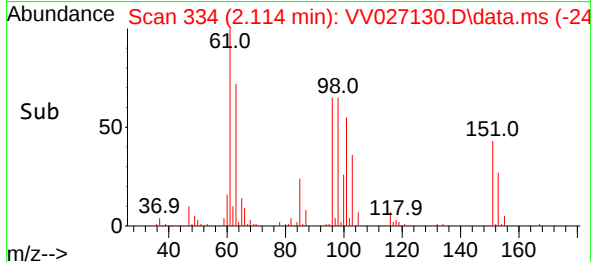
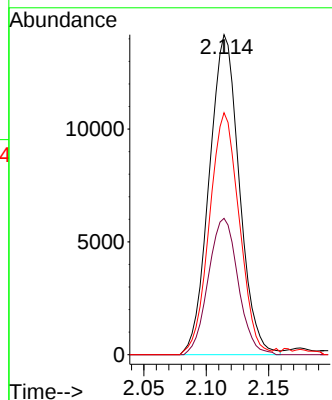
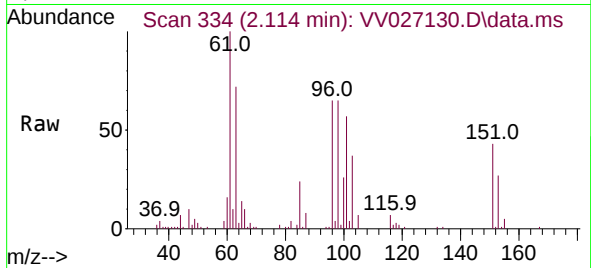




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.636 ug/L
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

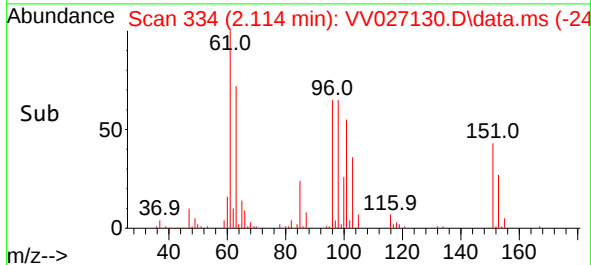
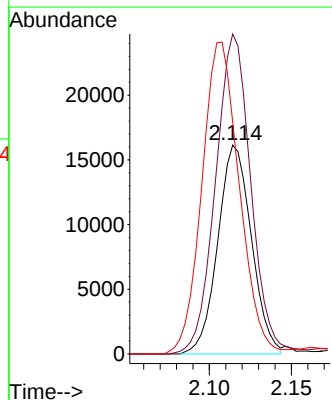
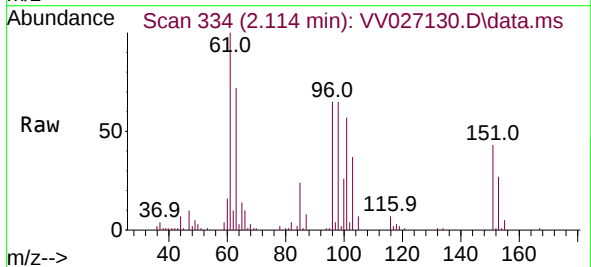
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 ClientSampleId :
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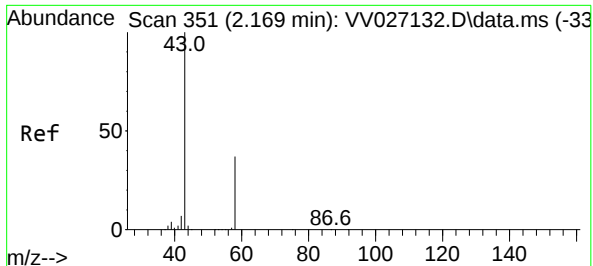
Tgt Ion: 101 Resp: 23853
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.9 50.9
 151 75.1 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 5.588 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

Tgt Ion: 96 Resp: 22981
 Ion Ratio Lower Upper
 96 100
 61 153.3 110.7 205.5
 63 111.1 78.4 145.6





#13

Acetone

Concen: 11.581 ug/L

RT: 2.169 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

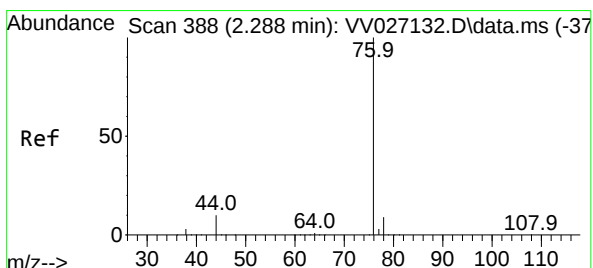
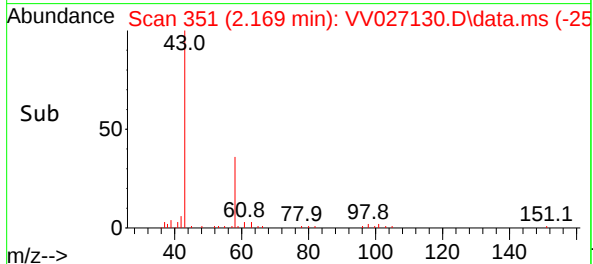
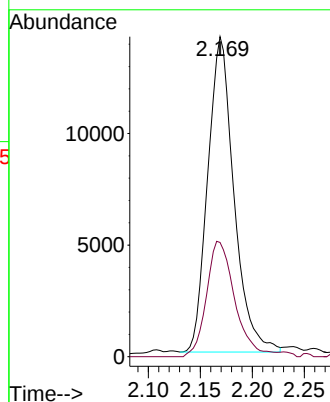
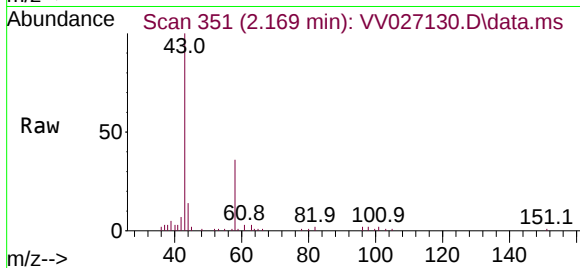
VSTD005246

Tgt Ion: 43 Resp: 24746

Ion Ratio Lower Upper

43 100

58 39.4 0.0 73.6



#14

Carbon disulfide

Concen: 5.441 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027130.D

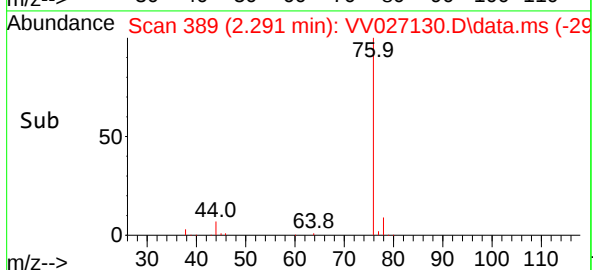
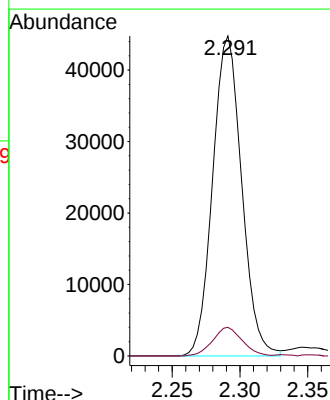
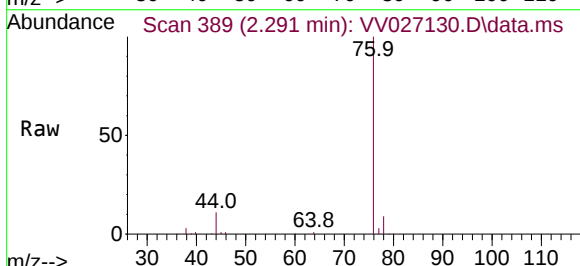
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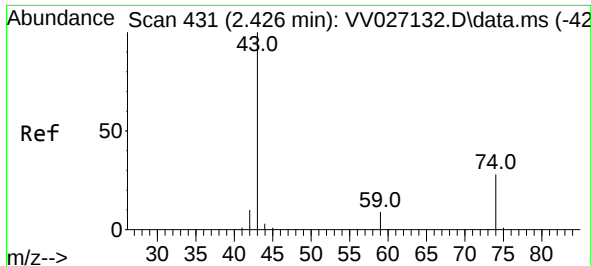
Tgt Ion: 76 Resp: 66639

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

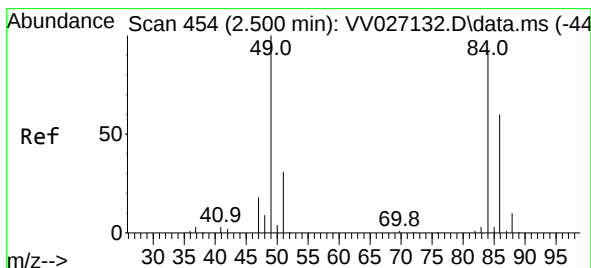
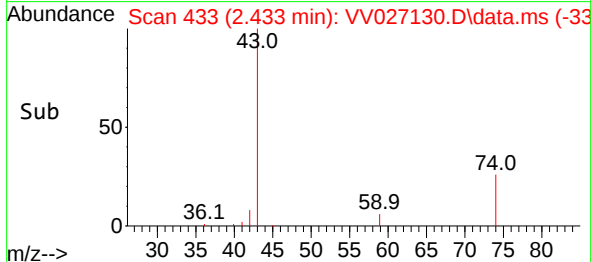
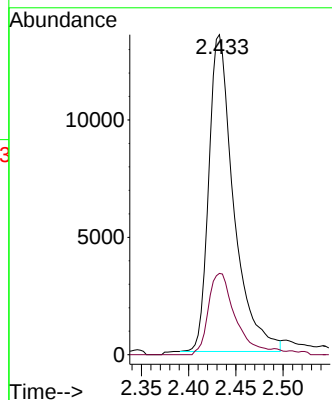
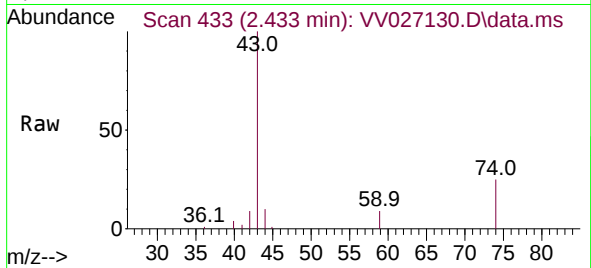




#15
Methyl Acetate
Concen: 5.326 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

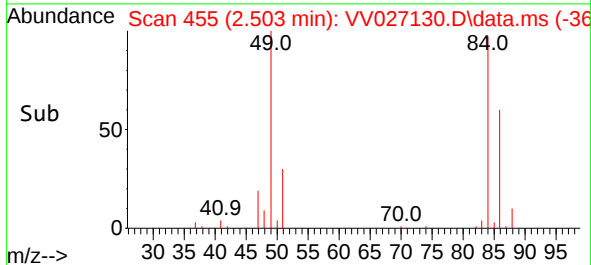
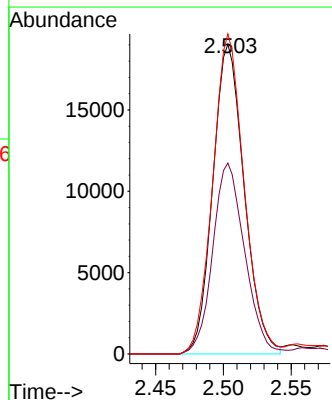
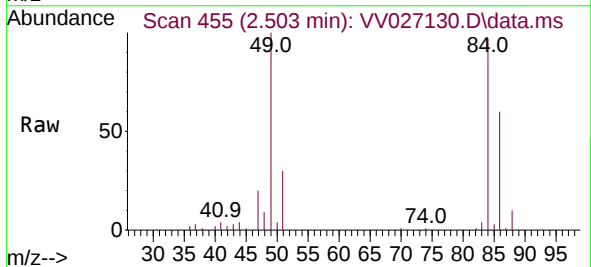
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ClientSampleId :
VSTD005246

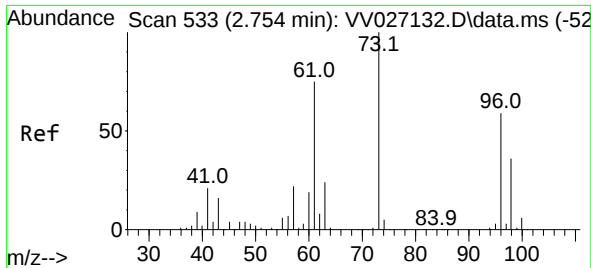
Tgt Ion: 43 Resp: 24758
Ion Ratio Lower Upper
43 100
74 27.5 22.4 33.6



#16
Methylene chloride
Concen: 5.884 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 84 Resp: 30673
Ion Ratio Lower Upper
84 100
86 61.7 45.3 84.1
49 103.3 76.0 141.2

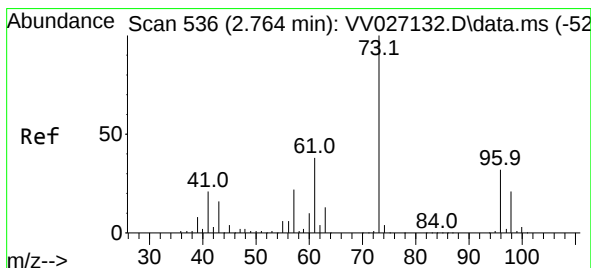
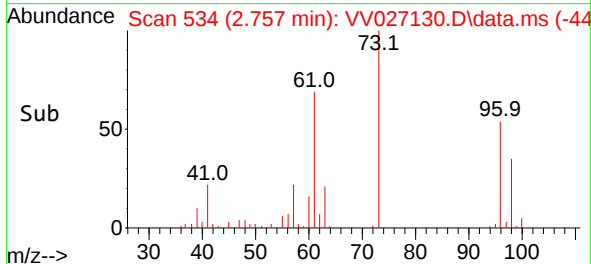
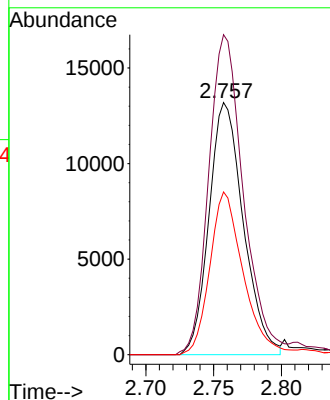
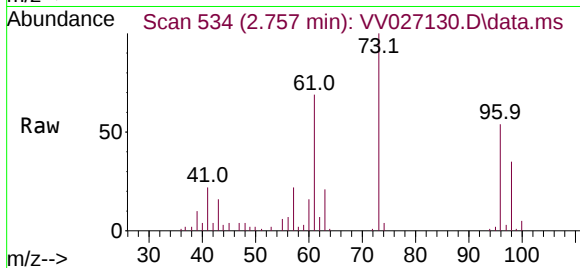




#17
trans-1,2-Dichloroethene
Concen: 5.315 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

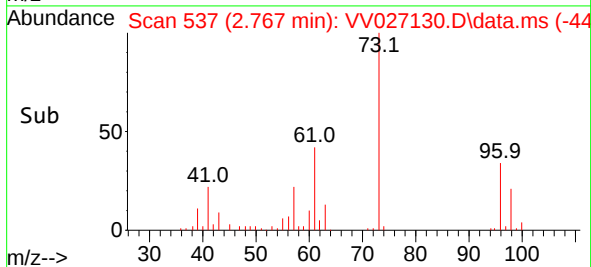
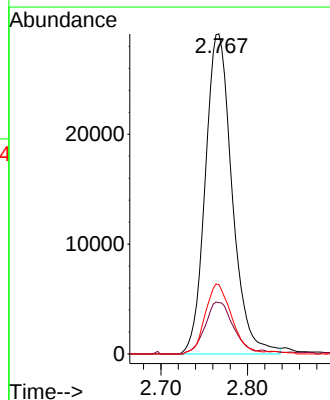
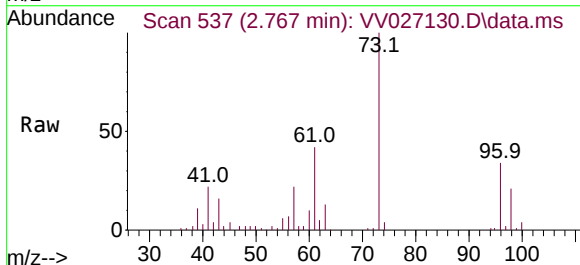
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

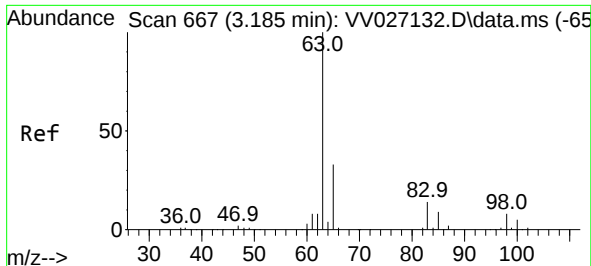
Tgt Ion: 96 Resp: 23266
Ion Ratio Lower Upper
96 100
61 126.9 89.2 165.6
98 64.5 43.3 80.3



#18
Methyl tert-butyl Ether
Concen: 4.995 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 73 Resp: 62810
Ion Ratio Lower Upper
73 100
43 17.0 12.6 18.8
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 5.445 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005246

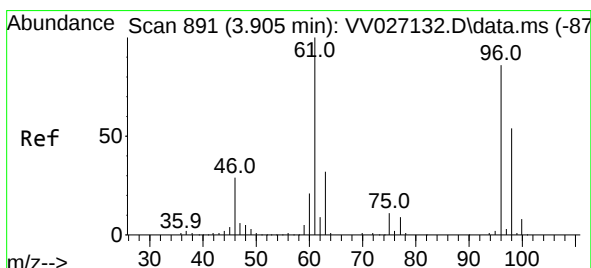
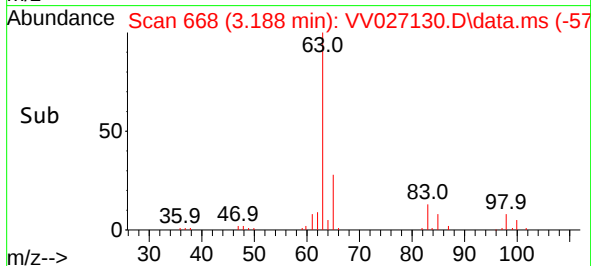
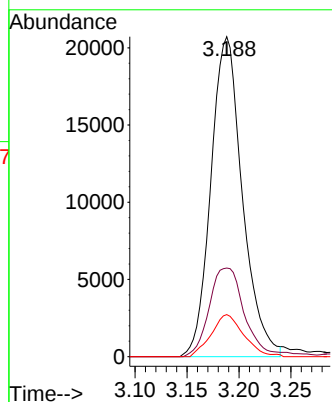
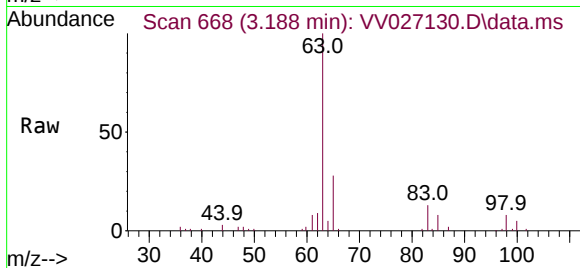
Tgt Ion: 63 Resp: 43643

Ion Ratio Lower Upper

63 100

65 27.7 22.9 42.5

83 13.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 4.960 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

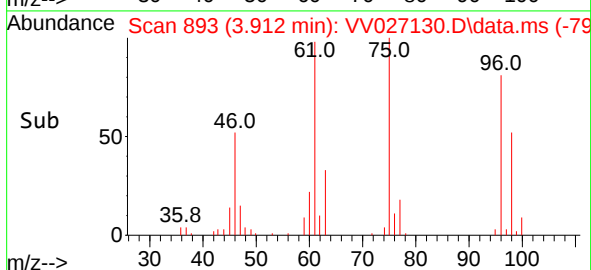
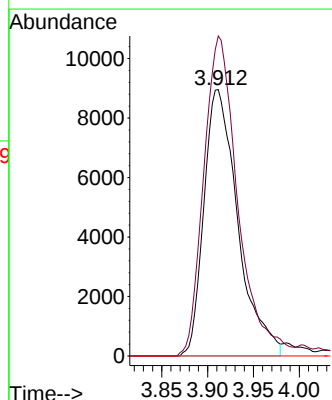
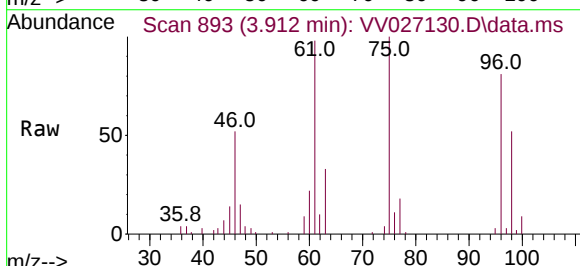
Tgt Ion: 96 Resp: 23048

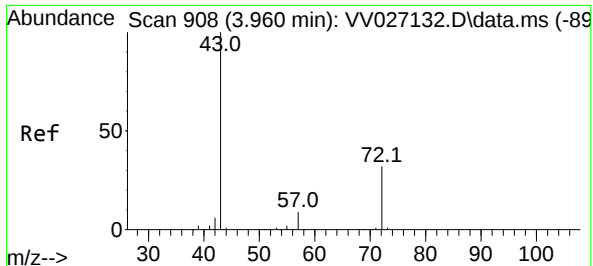
Ion Ratio Lower Upper

96 100

61 120.1 81.7 151.7

68 0.0 0.0 0.0

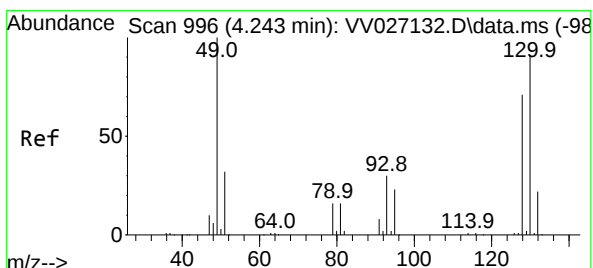
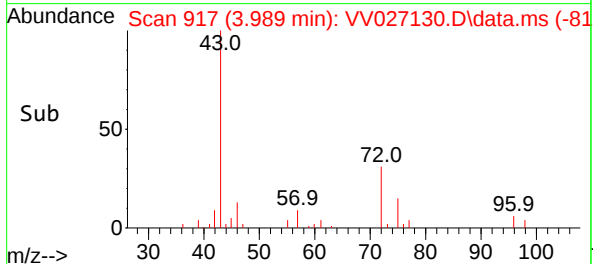
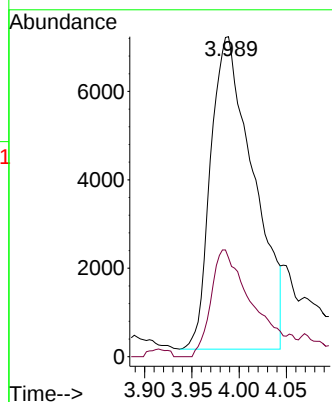
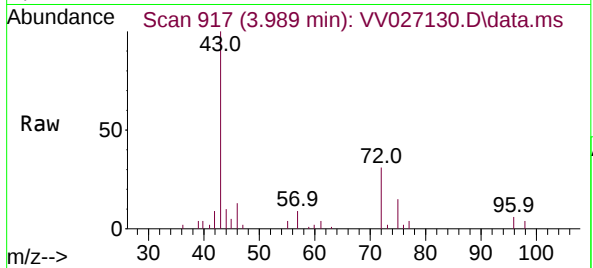




#22
2-Butanone
Concen: 7.933 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.029 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

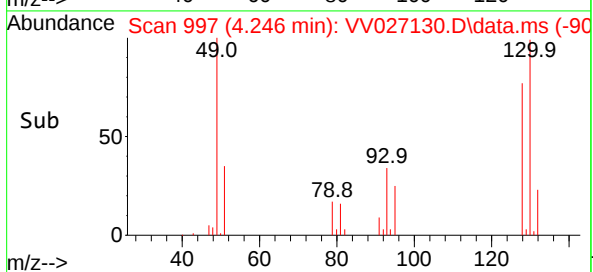
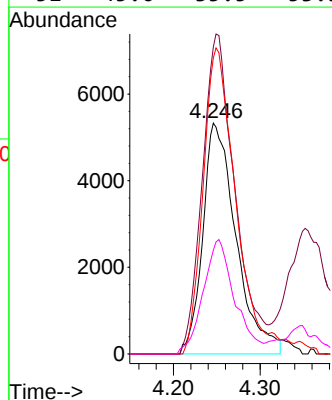
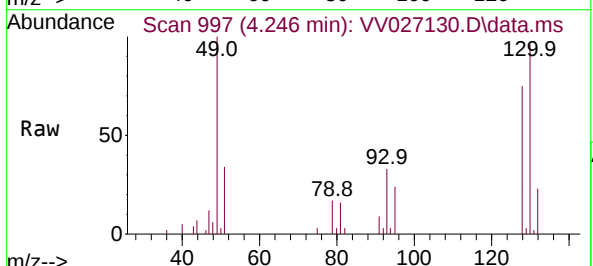
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

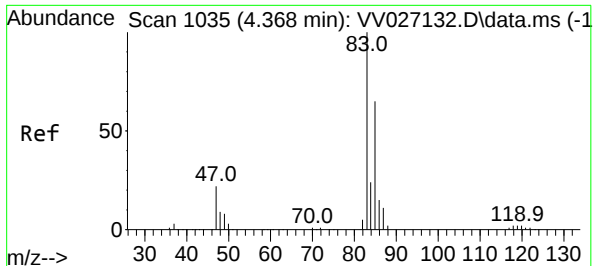
Tgt Ion: 43 Resp: 22259
Ion Ratio Lower Upper
43 100
72 32.8 15.7 47.1



#23
Bromochloromethane
Concen: 5.383 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 128 Resp: 14211
Ion Ratio Lower Upper
128 100
49 132.9 98.6 183.2
130 128.2 89.7 166.5
51 45.0 35.5 53.3





#25

Chloroform

Concen: 5.386 ug/L

RT: 4.375 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

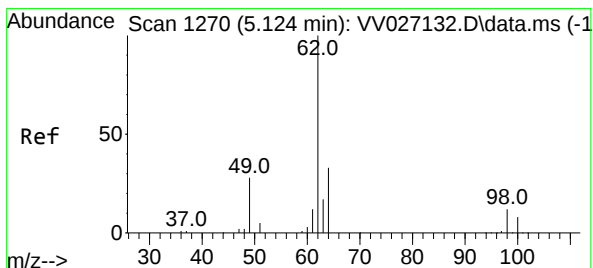
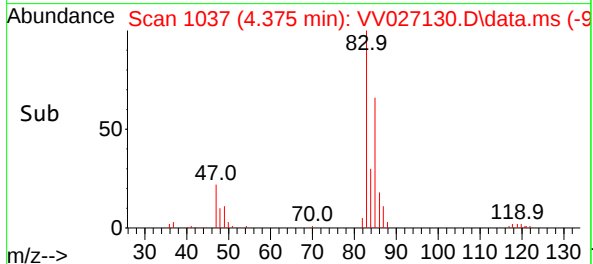
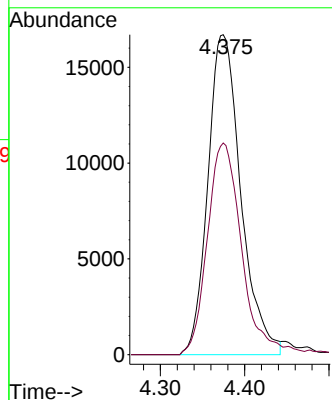
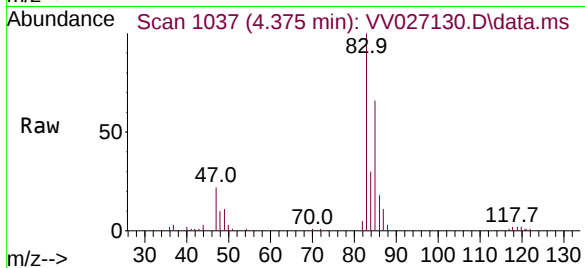
VSTD005246

Tgt Ion: 83 Resp: 45456

Ion Ratio Lower Upper

83 100

85 66.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.338 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV027130.D

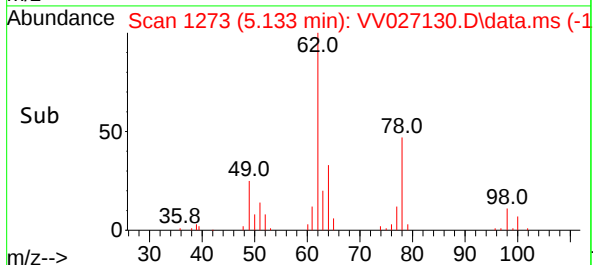
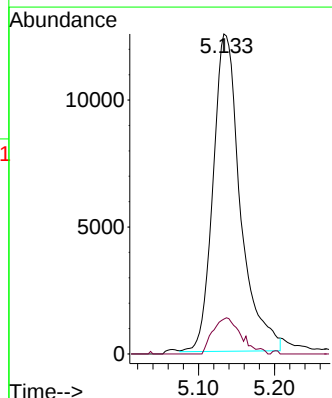
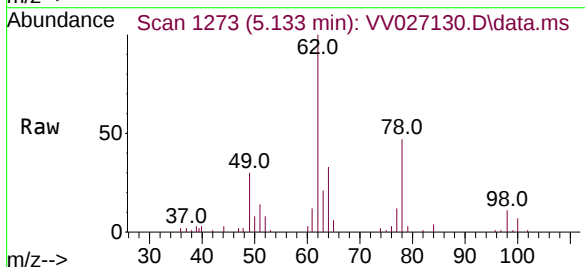
Acq: 01 Aug 2022 15:52

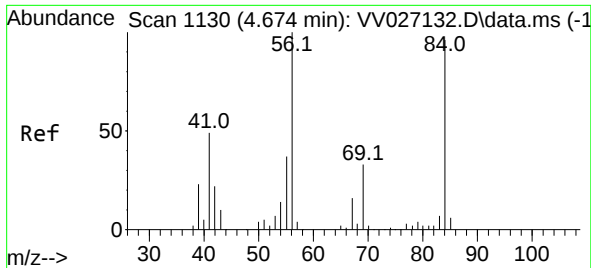
Tgt Ion: 62 Resp: 31191

Ion Ratio Lower Upper

62 100

98 10.9 9.2 13.8

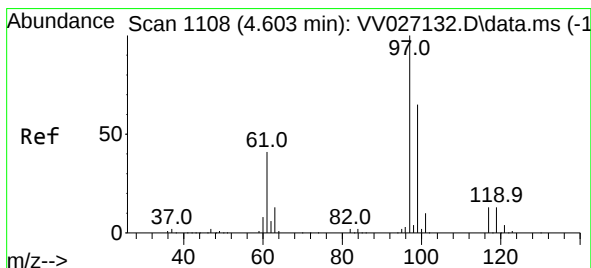
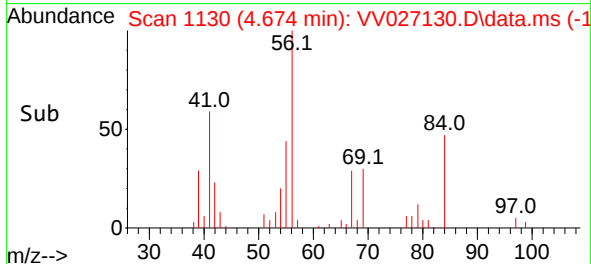
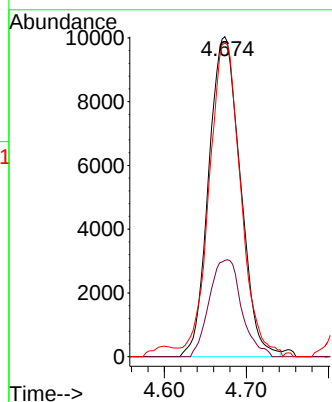
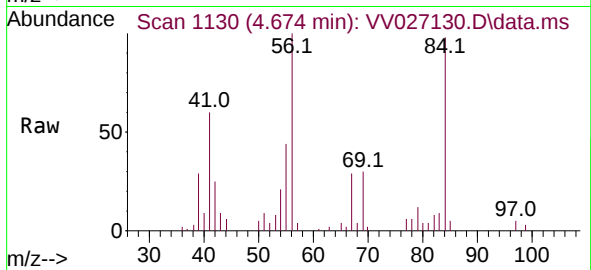




#29
Cyclohexane
Concen: 4.615 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

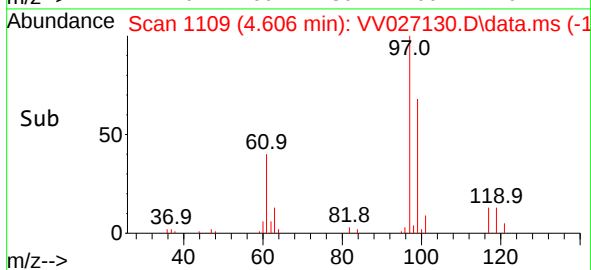
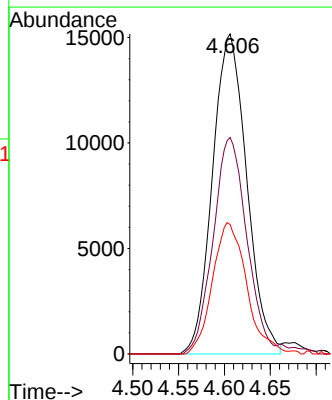
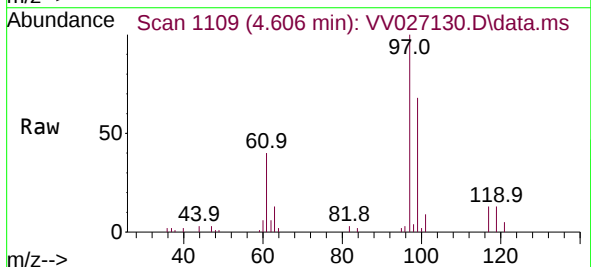
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

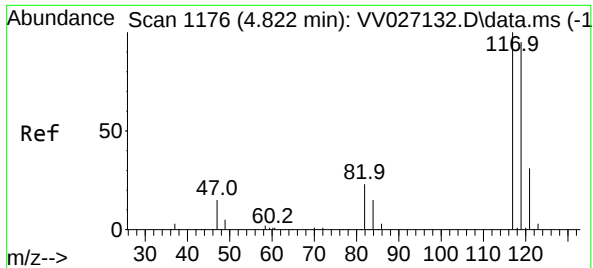
Tgt Ion:	56	Resp:	26860
Ion	Ratio	Lower	Upper
56	100		
69	30.9	26.1	39.1
84	97.8	77.3	115.9



#30
1,1,1-Trichloroethane
Concen: 5.466 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:	97	Resp:	39400
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.8	77.8
61	40.9	32.7	49.1

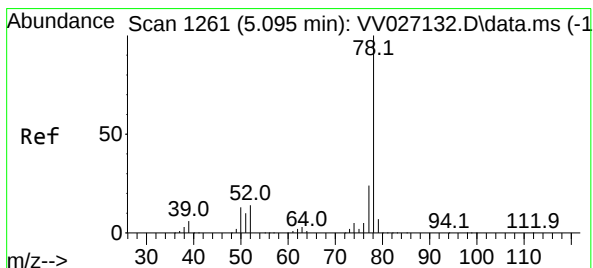
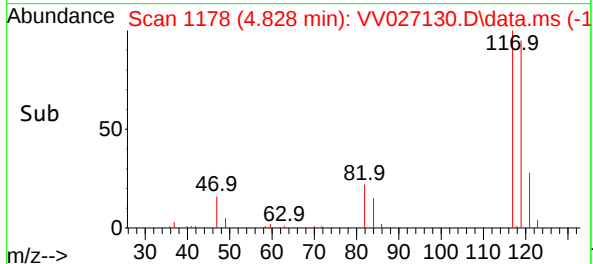
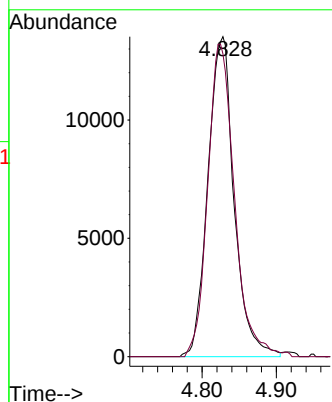
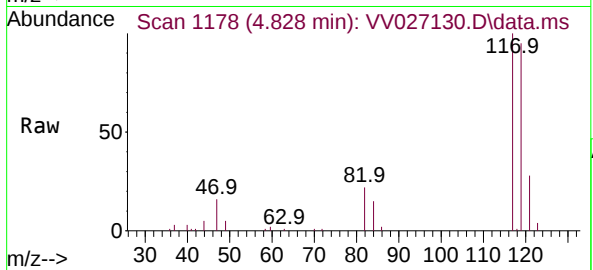




#31
Carbon tetrachloride
Concen: 5.341 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

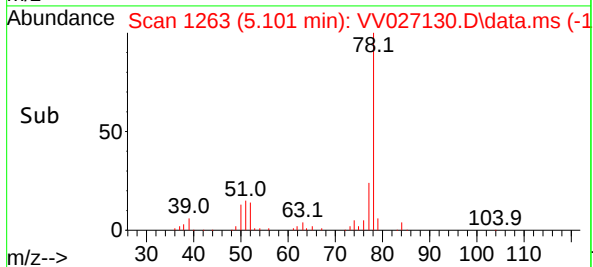
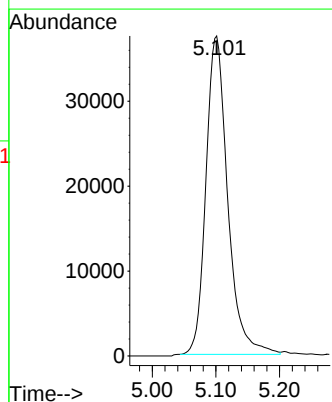
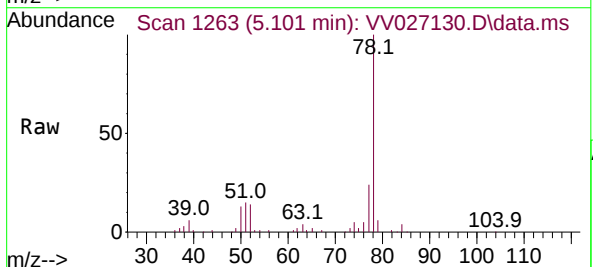
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

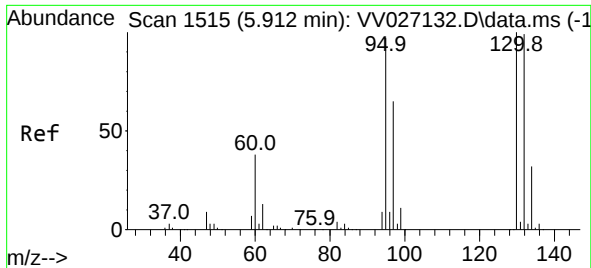
Tgt Ion:117 Resp: 33103
Ion Ratio Lower Upper
117 100
119 99.5 77.1 115.7



#33
Benzene
Concen: 5.059 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 78 Resp: 89191

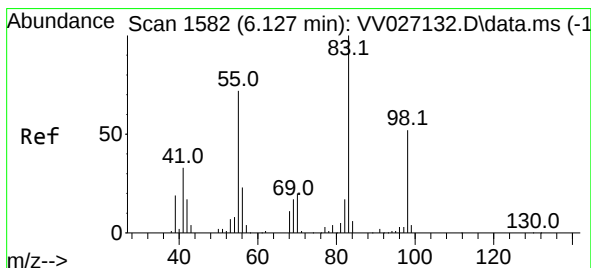
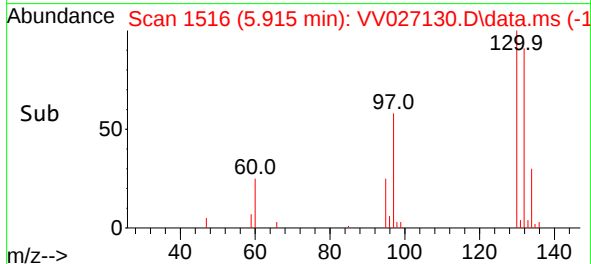
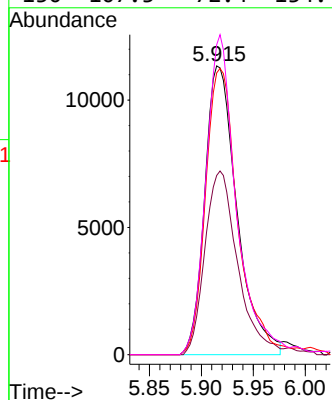
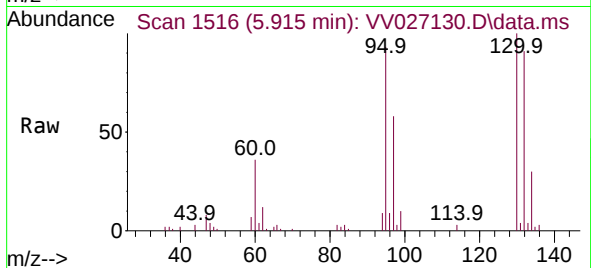




#34
Trichloroethene
Concen: 5.425 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

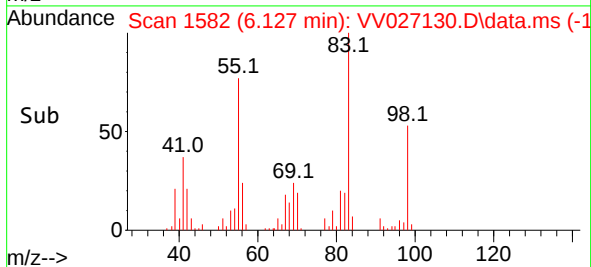
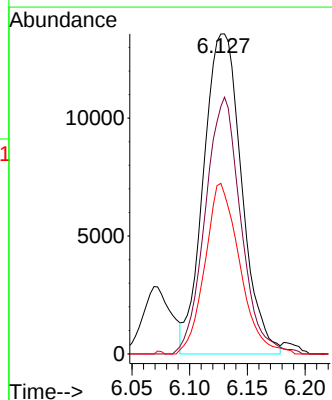
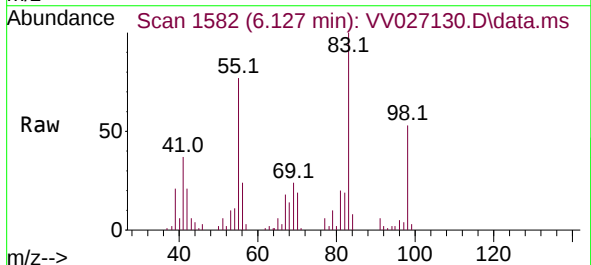
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

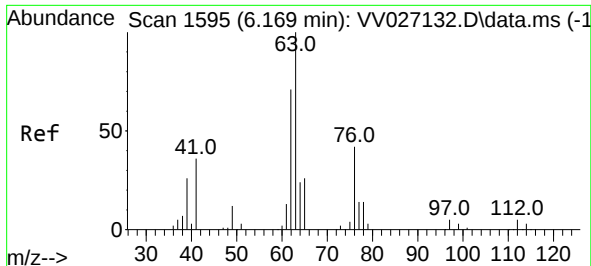
Tgt Ion:	95	Resp:	24596
Ion	Ratio	Lower	Upper
95	100		
97	62.0	47.0	87.2
132	97.6	71.5	132.7
130	107.3	72.4	134.4



#35
Methylcyclohexane
Concen: 4.628 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:	83	Resp:	31142
Ion	Ratio	Lower	Upper
83	100		
55	75.0	56.2	84.4
98	48.6	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.099 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

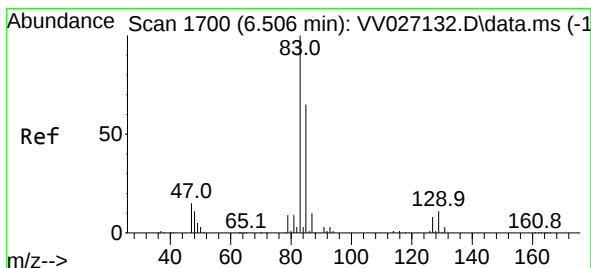
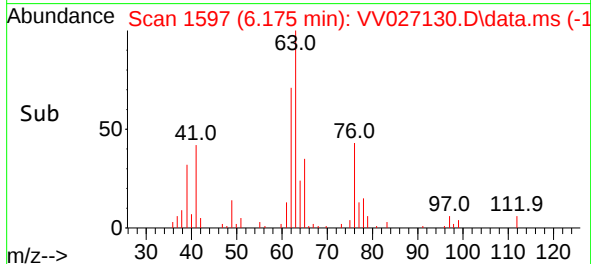
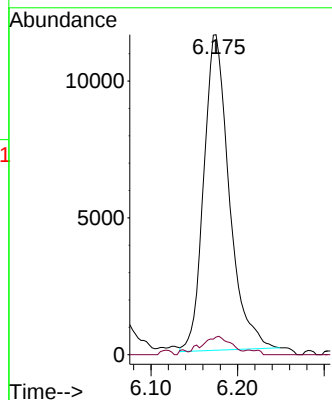
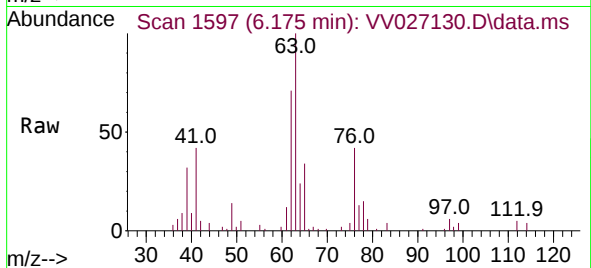
VSTD005246

Tgt Ion: 63 Resp: 23599

Ion Ratio Lower Upper

63 100

112 4.4 4.0 6.0



#38

Bromodichloromethane

Concen: 5.416 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

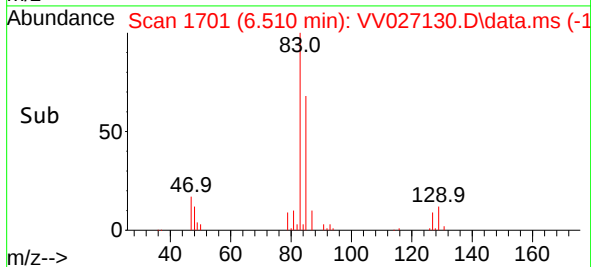
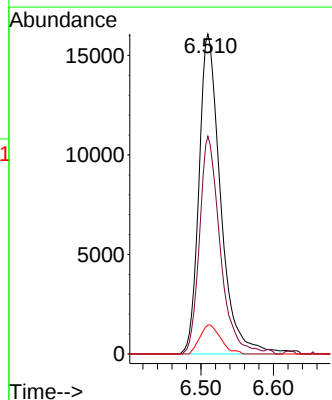
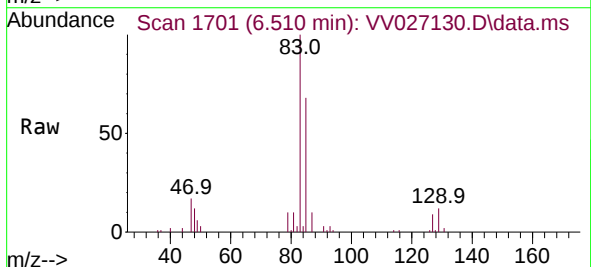
Tgt Ion: 83 Resp: 33206

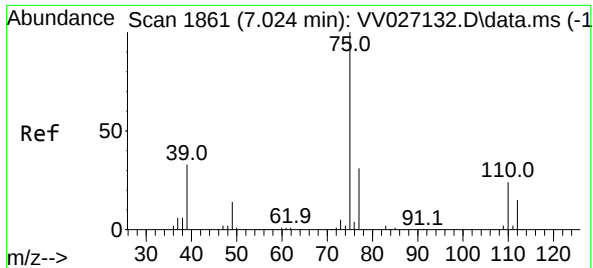
Ion Ratio Lower Upper

83 100

85 68.0 45.1 83.9

127 9.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.482 ug/L

RT: 7.030 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

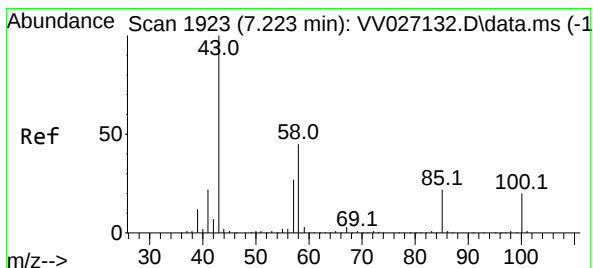
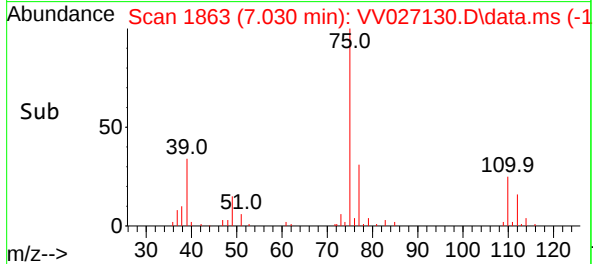
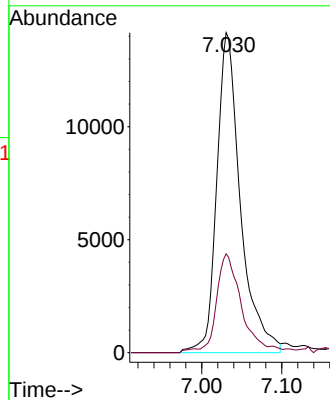
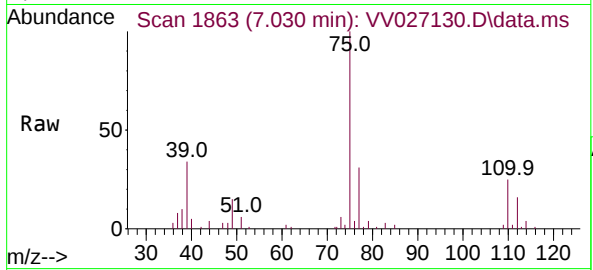
VSTD005246

Tgt Ion: 75 Resp: 29103

Ion Ratio Lower Upper

75 100

77 30.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 8.824 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

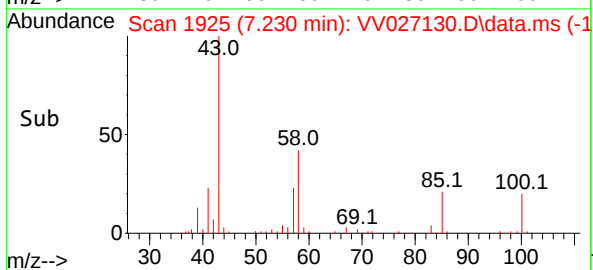
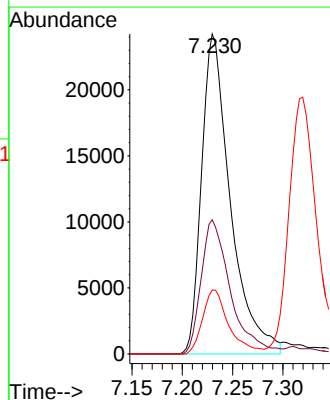
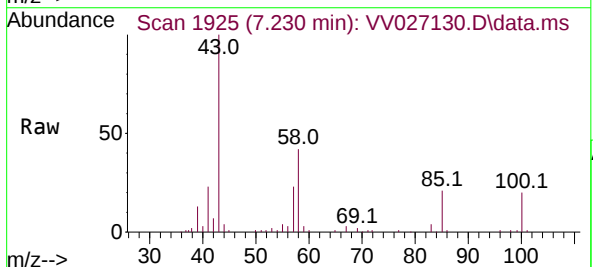
Tgt Ion: 43 Resp: 48267

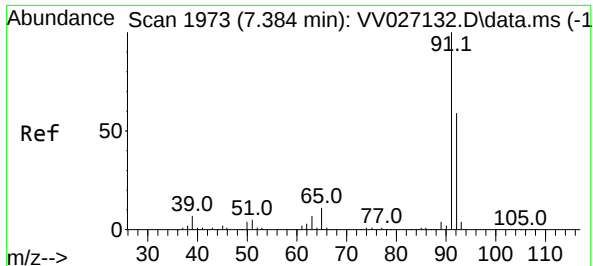
Ion Ratio Lower Upper

43 100

58 42.2 36.1 54.1

100 18.3 15.8 23.6

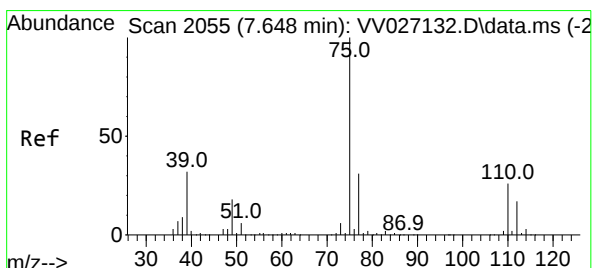
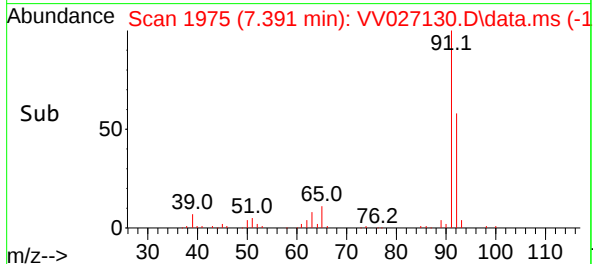
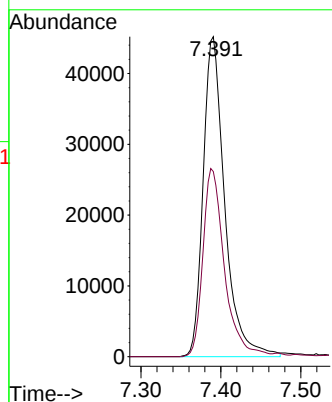
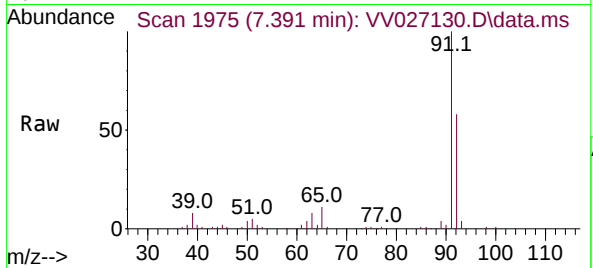




#42
Toluene
Concen: 4.670 ug/L
RT: 7.391 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

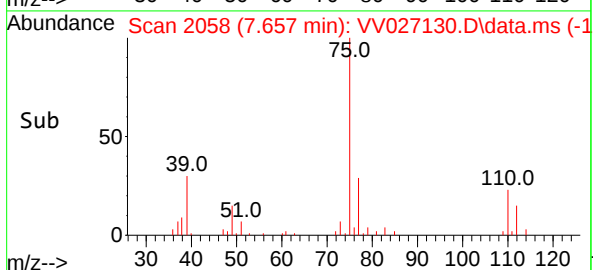
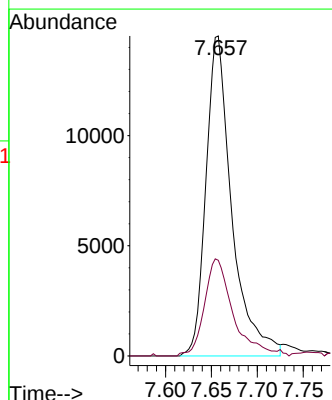
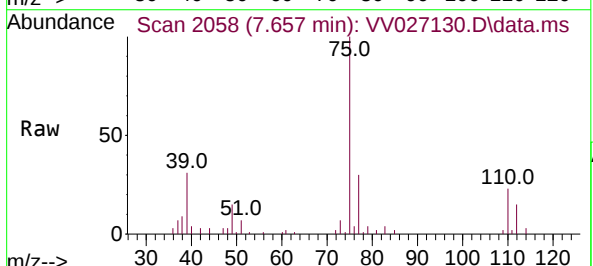
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

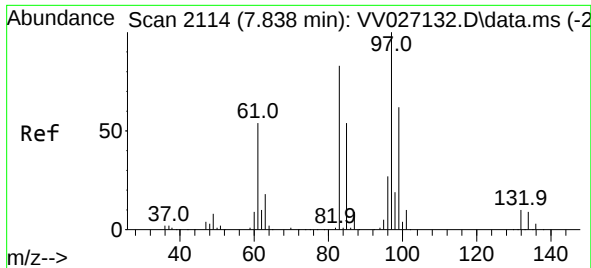
Tgt Ion: 91 Resp: 84940
Ion Ratio Lower Upper
91 100
92 57.9 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 4.558 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 75 Resp: 28436
Ion Ratio Lower Upper
75 100
77 29.9 22.0 40.8

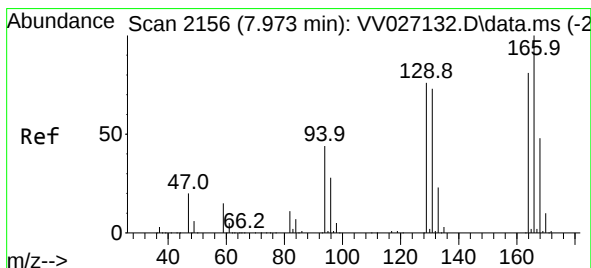
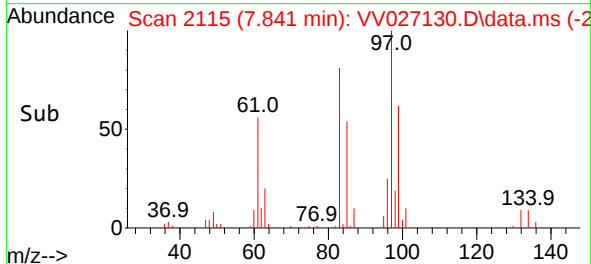
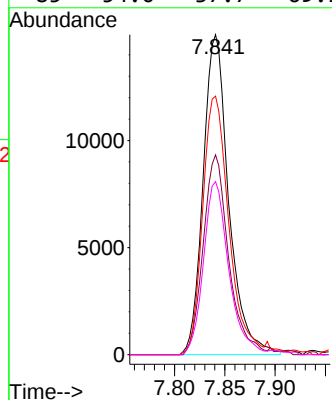
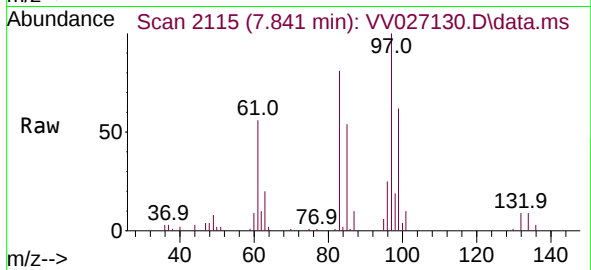




#45
1,1,2-Trichloroethane
Concen: 5.454 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

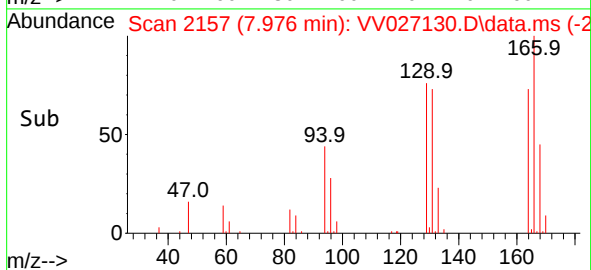
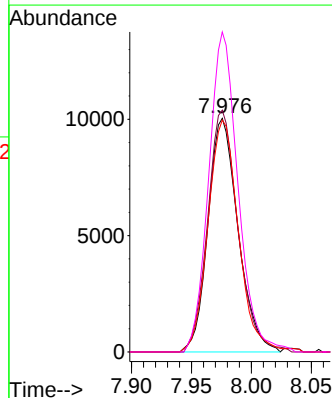
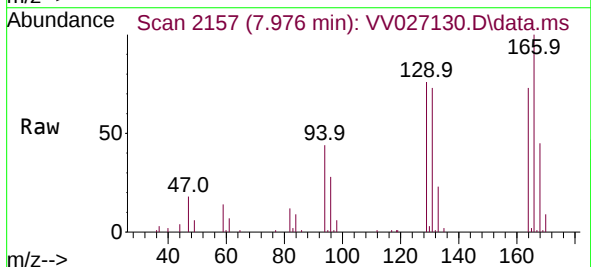
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

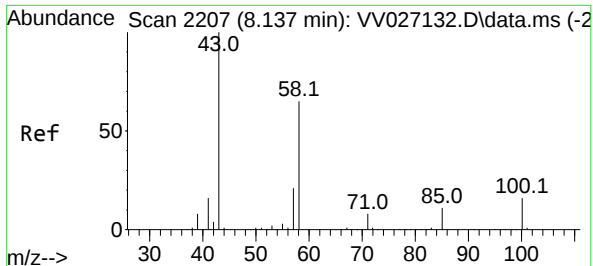
Tgt Ion:	97	Resp:	26535
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.3	80.5
83	80.8	58.2	108.2
85	54.0	37.7	69.9



#46
Tetrachloroethene
Concen: 5.058 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:	164	Resp:	17507
Ion	Ratio	Lower	Upper
164	100		
129	103.5	66.0	122.6
131	99.3	63.1	117.1
166	137.0	86.7	161.1

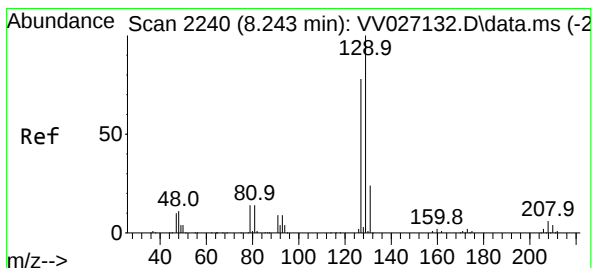
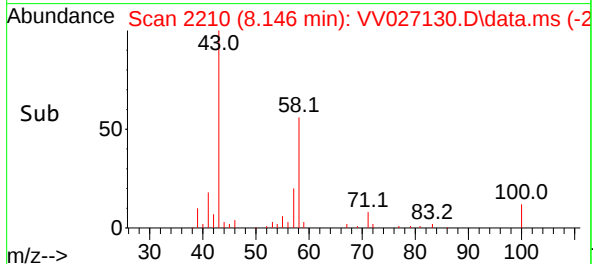
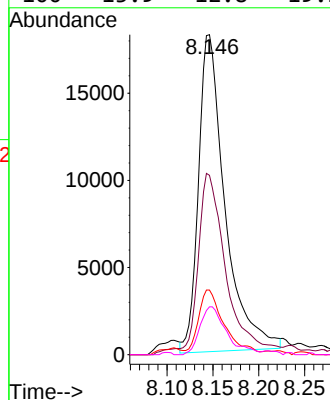
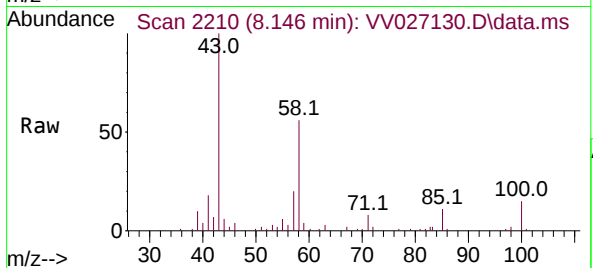




#48
2-Hexanone
Concen: 8.622 ug/L
RT: 8.146 min Scan# 2110
Delta R.T. 0.010 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

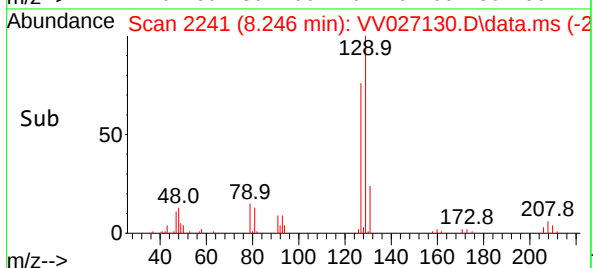
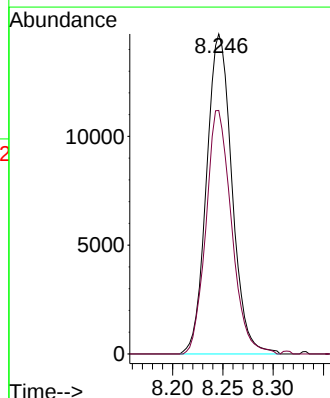
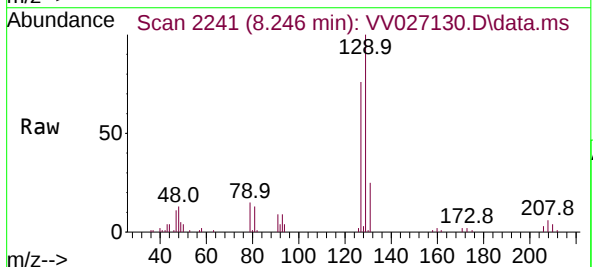
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

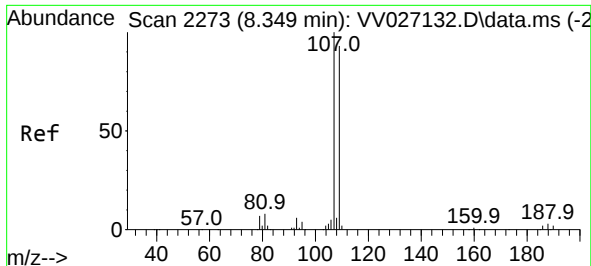
Tgt Ion:	43	Resp:	36669
Ion	Ratio	Lower	Upper
43	100		
58	57.2	51.3	76.9
57	16.6	16.7	25.1#
100	13.9	12.8	19.2



#49
Dibromochloromethane
Concen: 5.135 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:	129	Resp:	25936
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.5	101.3





#50

1,2-Dibromoethane

Concen: 5.160 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005246

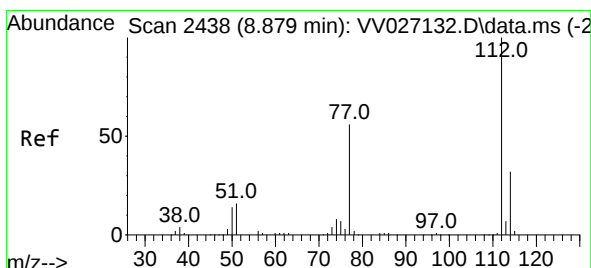
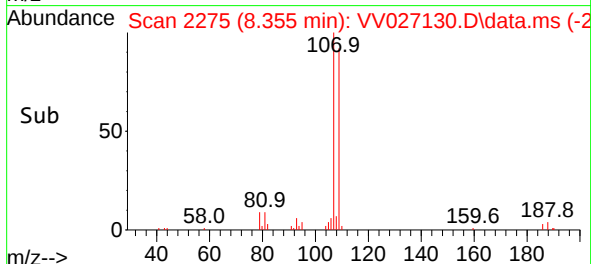
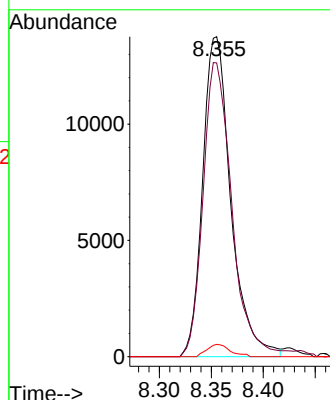
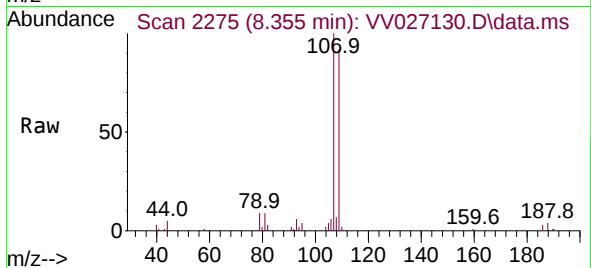
Tgt Ion:107 Resp: 25990

Ion Ratio Lower Upper

107 100

109 91.8 65.3 121.3

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 5.380 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

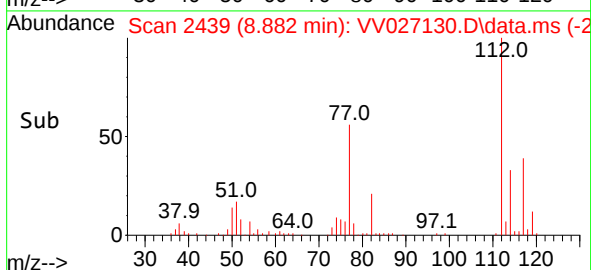
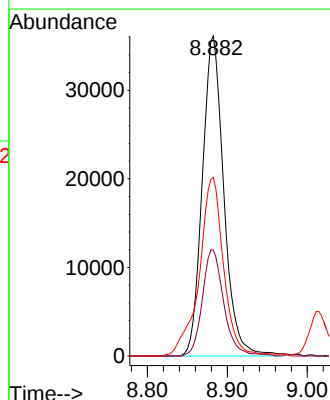
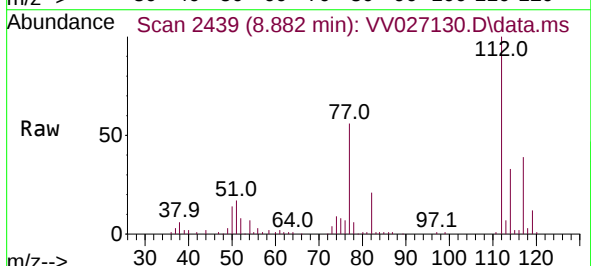
Tgt Ion:112 Resp: 67710

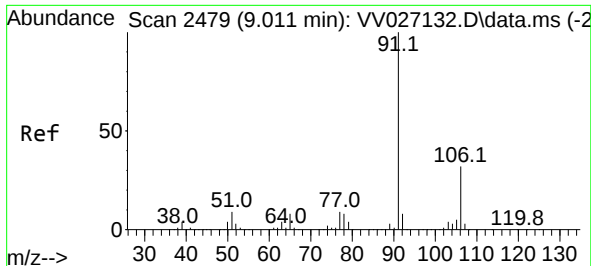
Ion Ratio Lower Upper

112 100

114 33.2 22.3 41.3

77 55.8 44.9 67.3

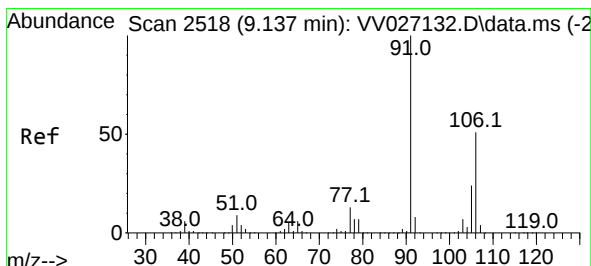
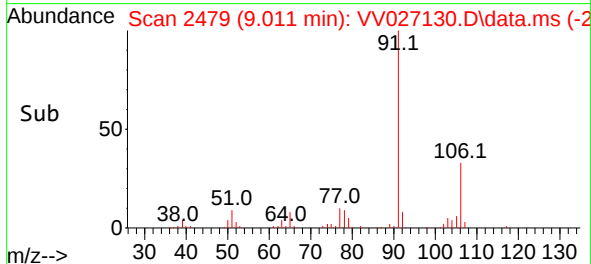
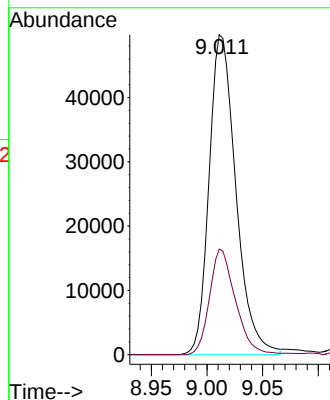
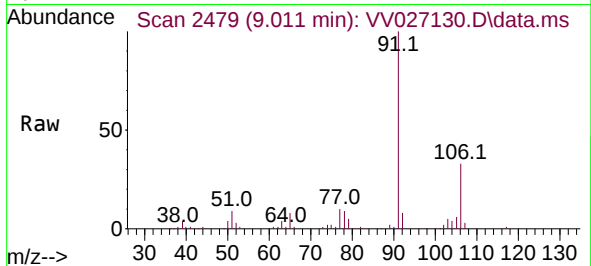




#52
Ethylbenzene
Concen: 4.478 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

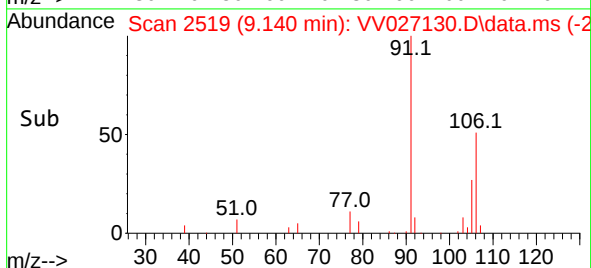
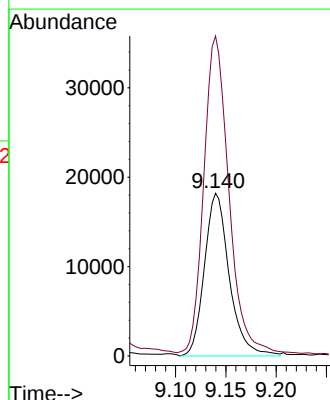
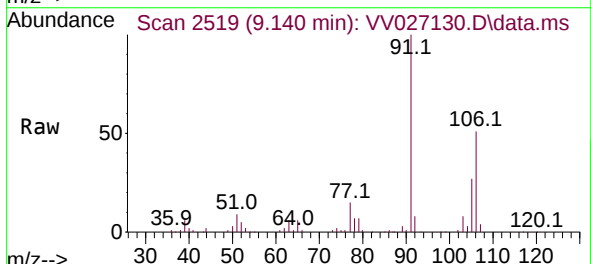
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

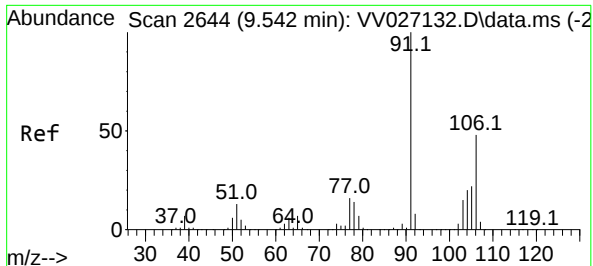
Tgt Ion: 91 Resp: 83470
Ion Ratio Lower Upper
91 100
106 33.0 22.1 41.1



#53
m,p-Xylene
Concen: 4.287 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 106 Resp: 31348
Ion Ratio Lower Upper
106 100
91 196.6 138.5 257.3





#54

o-Xylene

Concen: 4.332 ug/L

RT: 9.545 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

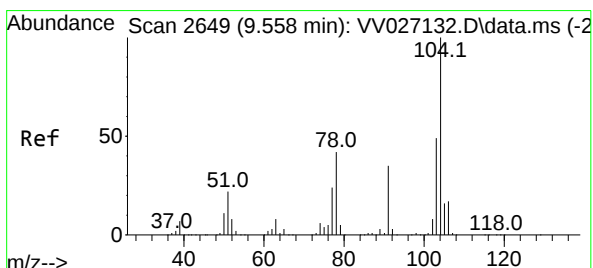
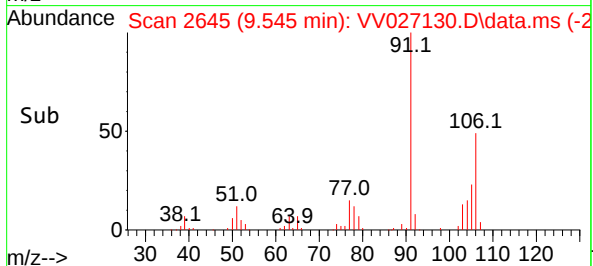
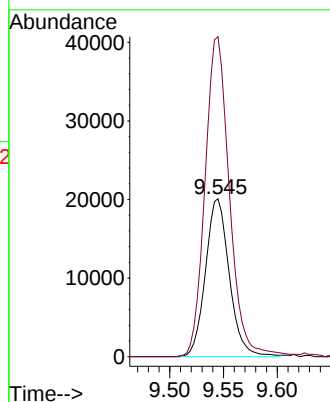
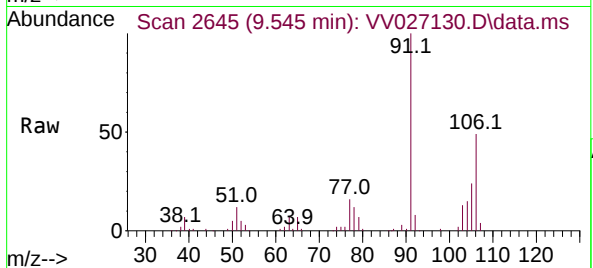
VSTD005246

Tgt Ion:106 Resp: 31004

Ion Ratio Lower Upper

106 100

91 202.6 145.1 269.5



#55

Styrene

Concen: 4.080 ug/L

RT: 9.564 min Scan# 2651

Delta R.T. 0.006 min

Lab File: VV027130.D

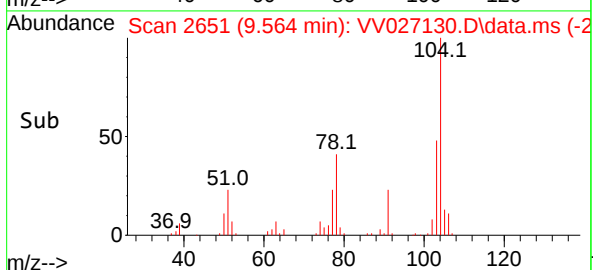
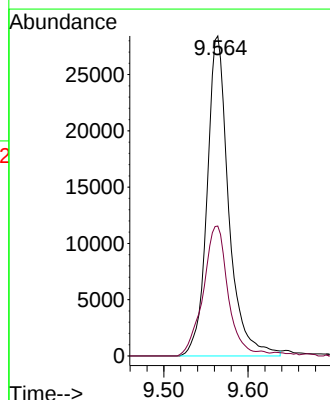
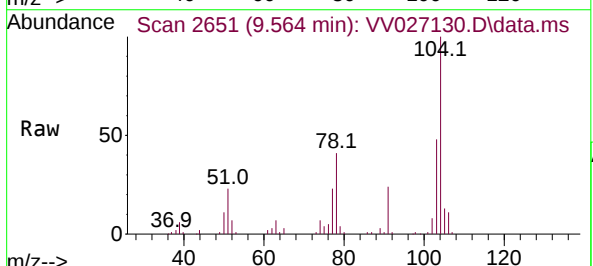
Acq: 01 Aug 2022 15:52

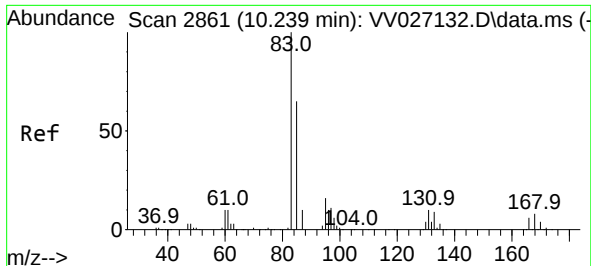
Tgt Ion:104 Resp: 50753

Ion Ratio Lower Upper

104 100

78 40.6 29.2 54.2

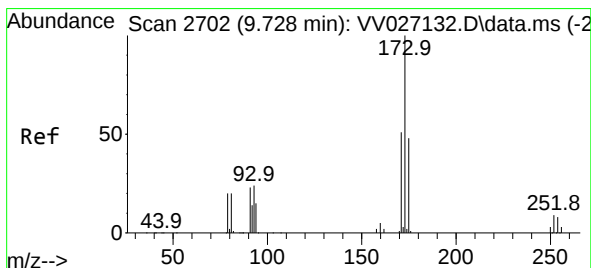
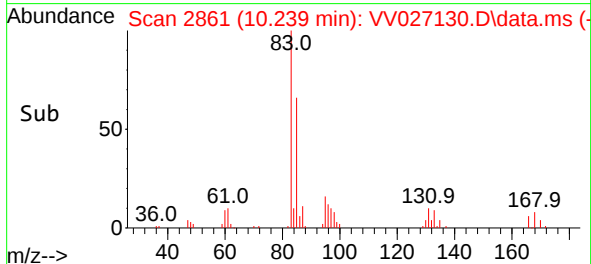
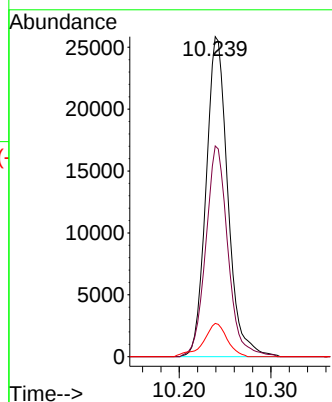
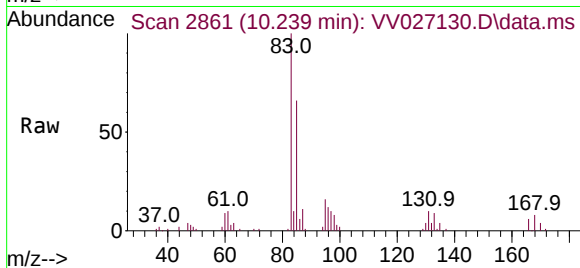




#57
1,1,2,2-Tetrachloroethane
Concen: 5.392 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

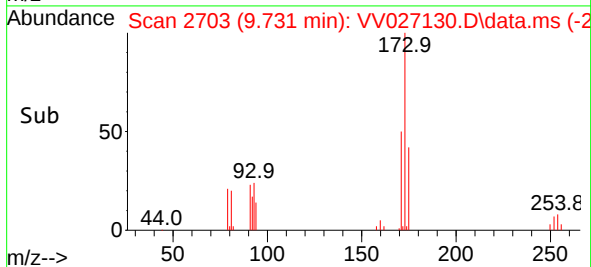
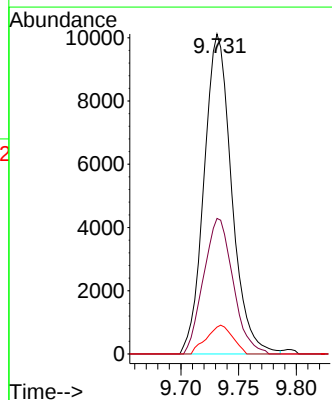
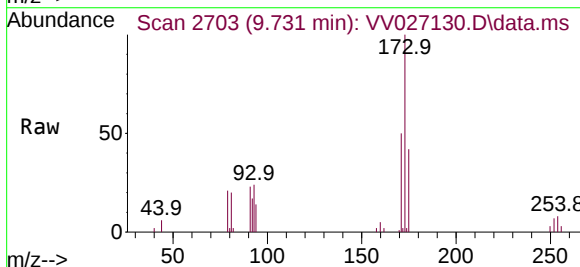
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

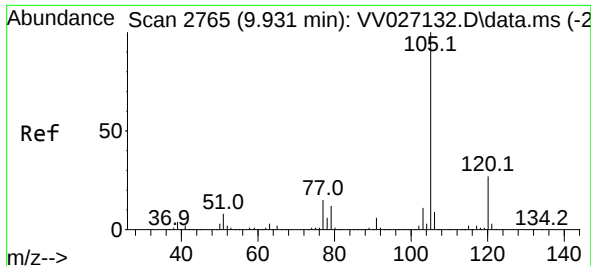
Tgt Ion:	83	Resp:	42541
Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.2	84.0
131	10.4	7.8	11.6



#59
Bromoform
Concen: 5.491 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:	173	Resp:	16850
Ion	Ratio	Lower	Upper
173	100		
175	45.1	38.2	57.4
254	8.5	6.8	10.2

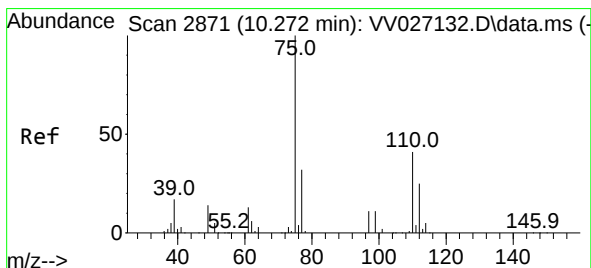
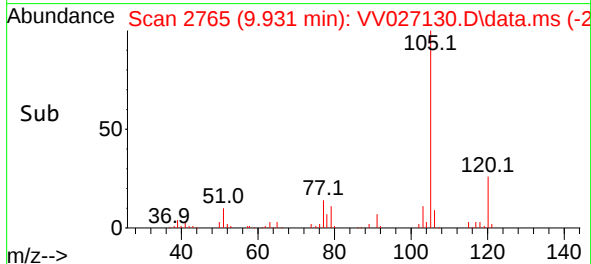
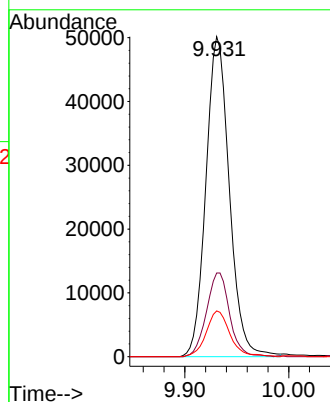
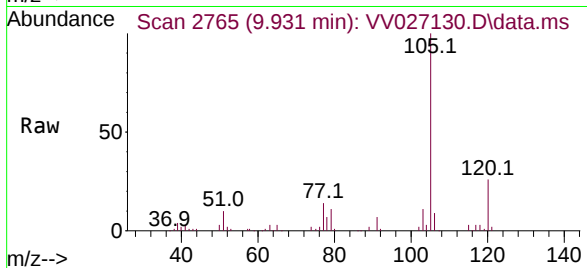




#60
Isopropylbenzene
Concen: 4.822 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

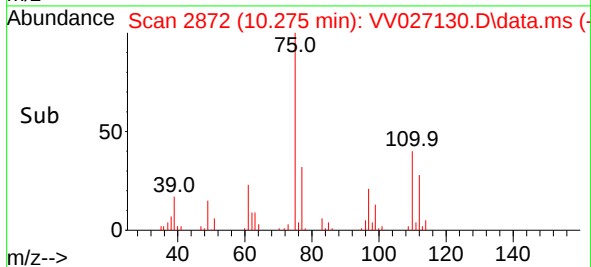
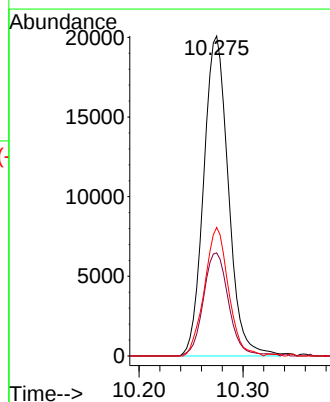
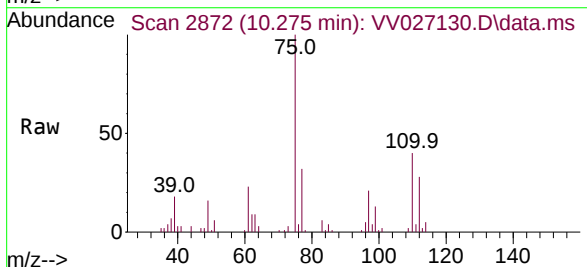
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

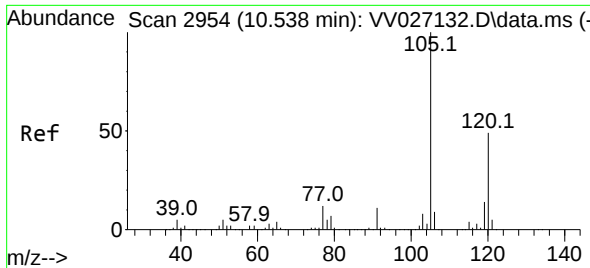
Tgt Ion:105 Resp: 78638
Ion Ratio Lower Upper
105 100
120 25.7 21.4 32.2
77 14.5 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 6.014 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 75 Resp: 33188
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 38.9 32.8 49.2

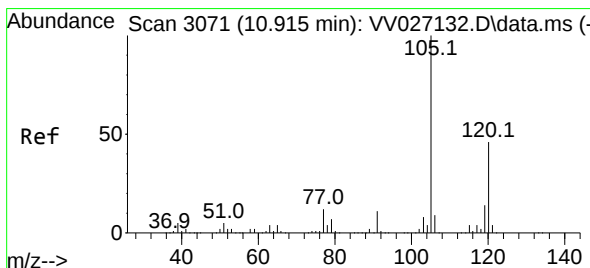
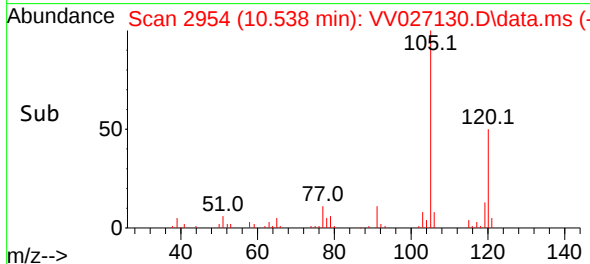
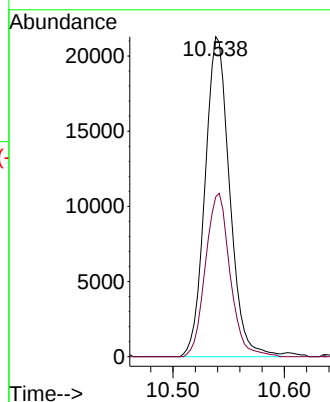
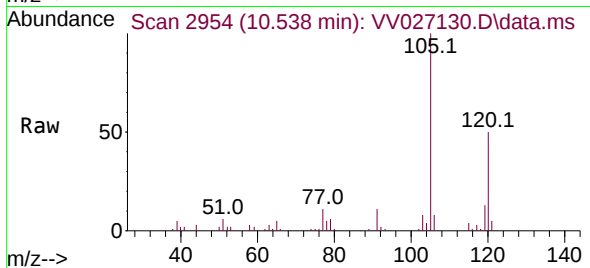




#62
 1,3,5-Trimethylbenzene
 Concen: 4.627 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

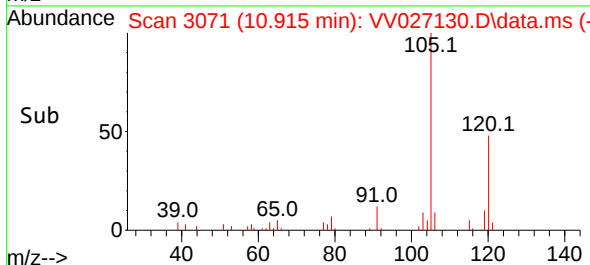
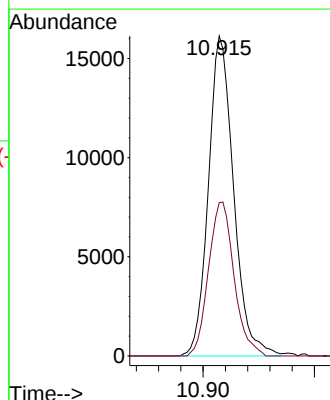
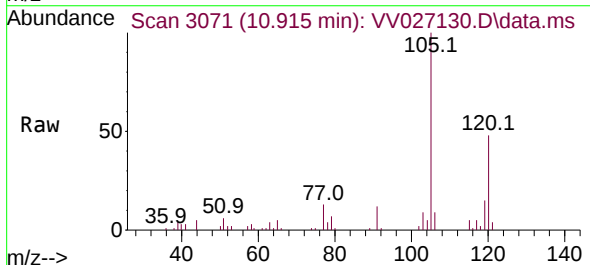
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

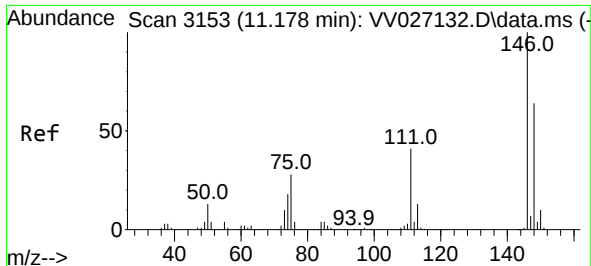
Tgt Ion:105 Resp: 32682
 Ion Ratio Lower Upper
 105 100
 120 51.1 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.445 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

Tgt Ion:105 Resp: 25370
 Ion Ratio Lower Upper
 105 100
 120 48.7 36.5 54.7

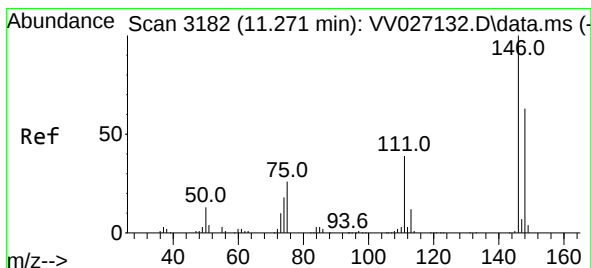
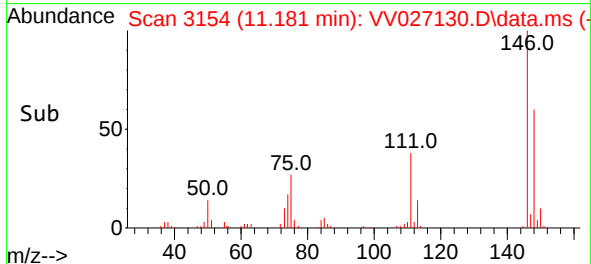
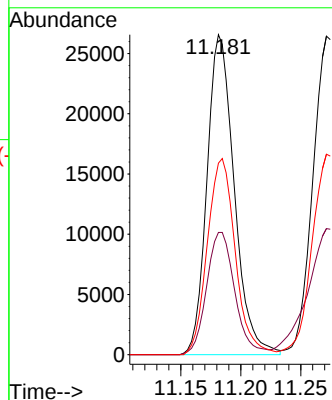
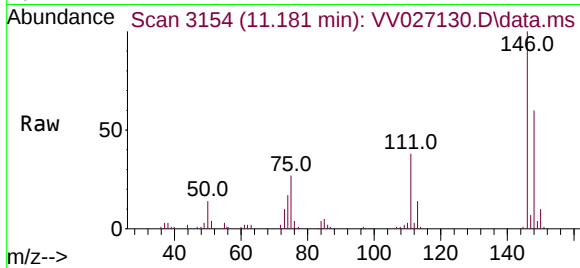




#64
1,3-Dichlorobenzene
Concen: 5.220 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

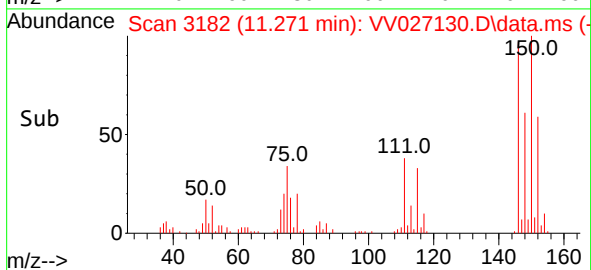
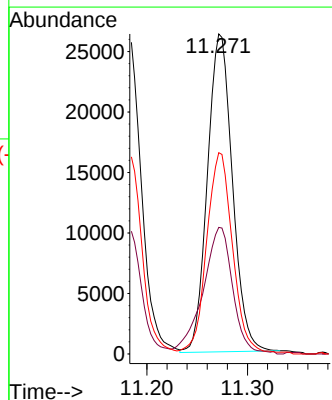
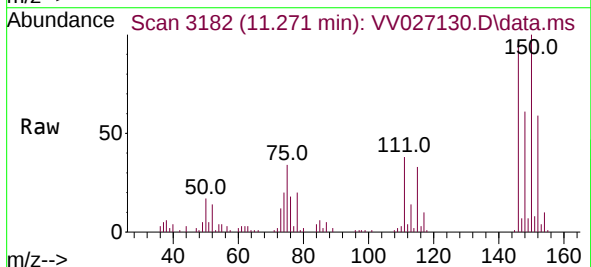
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

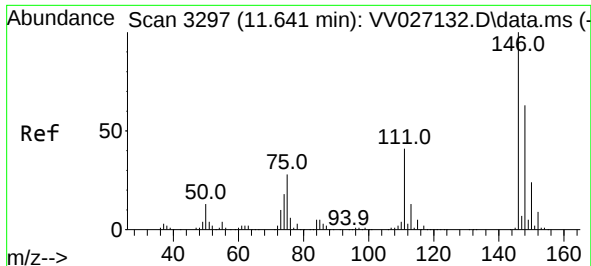
Tgt Ion:146 Resp: 41955
Ion Ratio Lower Upper
146 100
111 38.2 28.6 53.2
148 59.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.361 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion:146 Resp: 45455
Ion Ratio Lower Upper
146 100
111 39.6 27.2 50.4
148 62.9 44.2 82.2

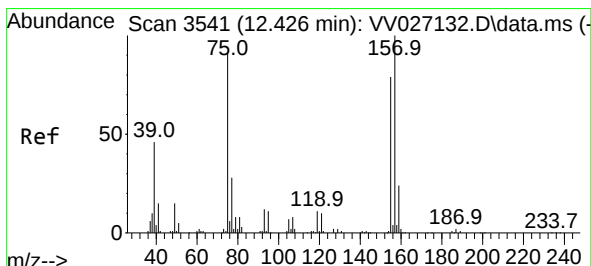
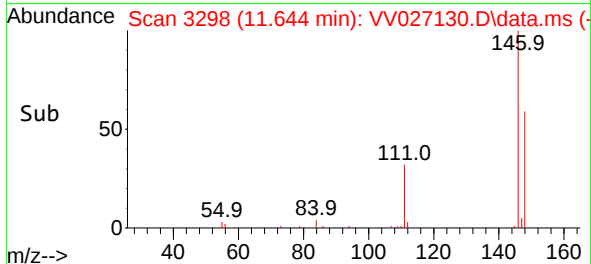
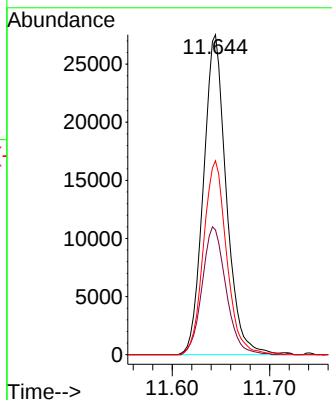
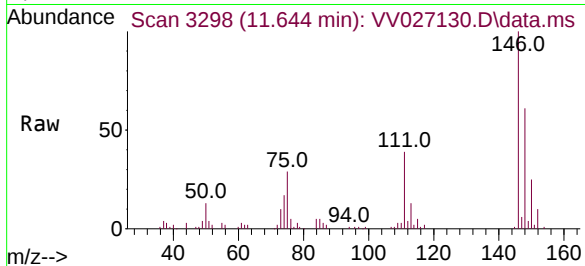




#67
1,2-Dichlorobenzene
Concen: 5.328 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

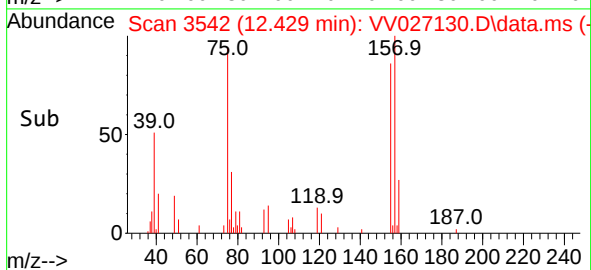
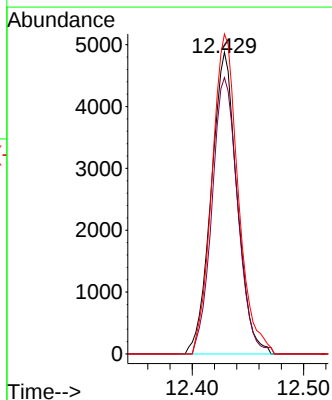
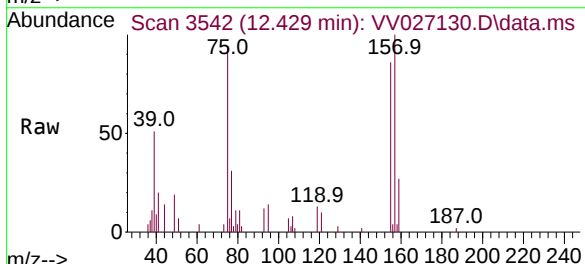
Instrument :
MSVOA_V
ClientSampleId :
VSTD005246

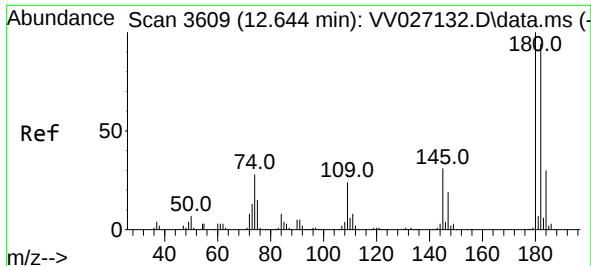
Tgt Ion:146 Resp: 44973
Ion Ratio Lower Upper
146 100
111 39.0 32.8 49.2
148 60.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.326 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027130.D
Acq: 01 Aug 2022 15:52

Tgt Ion: 75 Resp: 7863
Ion Ratio Lower Upper
75 100
155 91.6 69.6 104.4
157 106.1 88.1 132.1

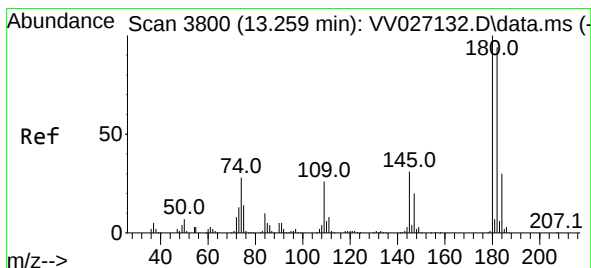
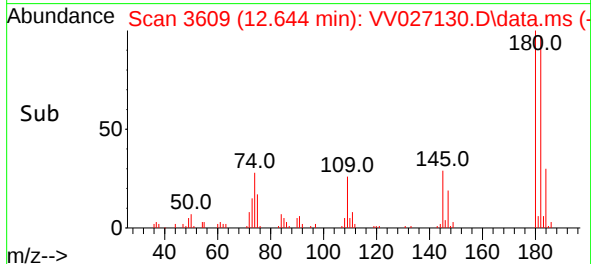
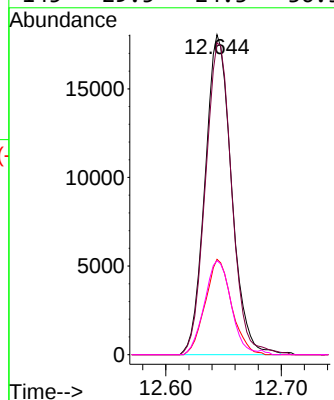
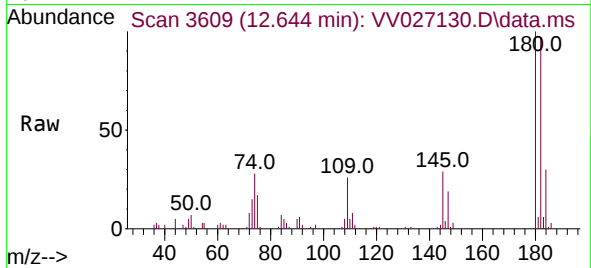




#69
 1,3,5-Trichlorobenzene
 Concen: 5.047 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

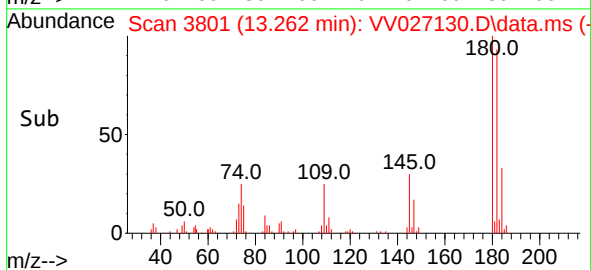
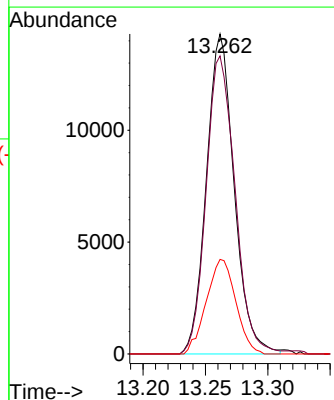
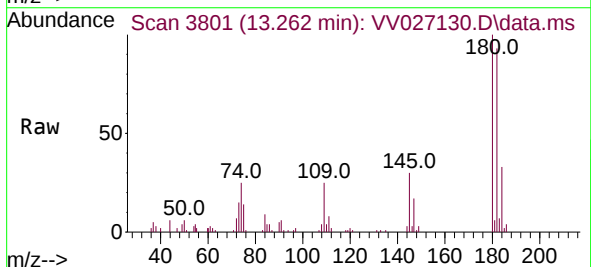
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

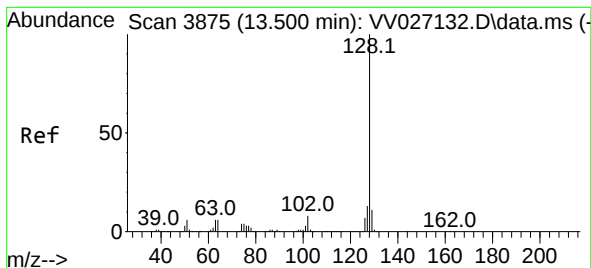
Tgt Ion:180	Resp:	28780
Ion Ratio	Lower	Upper
180	100	
182	96.9	75.3 112.9
184	29.6	24.3 36.5
145	29.5	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.630 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027130.D
 Acq: 01 Aug 2022 15:52

Tgt Ion:180	Resp:	22168
Ion Ratio	Lower	Upper
180	100	
182	96.9	75.2 112.8
145	31.3	24.7 37.1





#71

Naphthalene

Concen: 4.019 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005246

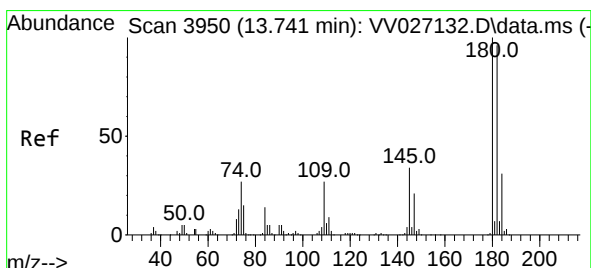
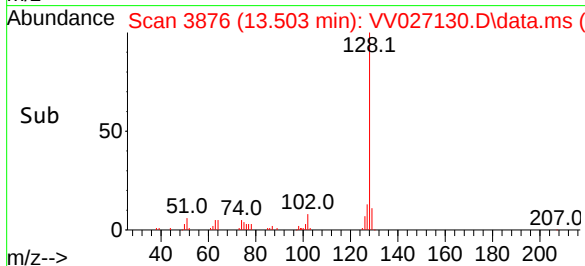
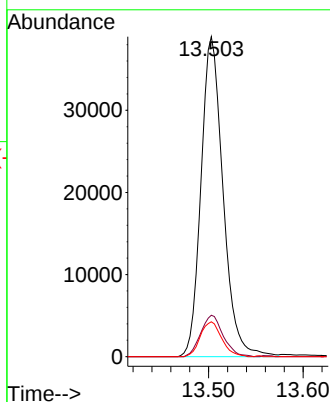
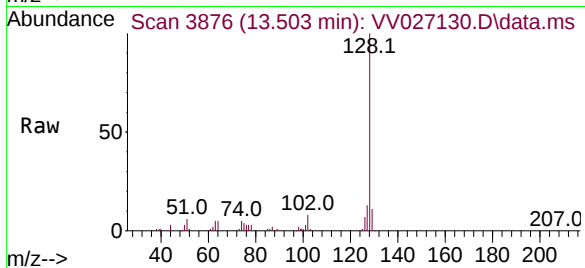
Tgt Ion:128 Resp: 63216

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 4.648 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027130.D

Acq: 01 Aug 2022 15:52

Tgt Ion:180 Resp: 24337

Ion Ratio Lower Upper

180 100

182 92.4 76.3 114.5

145 32.1 26.8 40.2

