

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025873.D
 Acq On : 10 May 2022 20:19
 Operator : SY/MD
 Sample : N2746-06ME
 Misc : 5.56g/5.0mL/100uL/5.00mL/MSVOA_V/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBSL2ME

Quant Time: May 11 04:27:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 04:11:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	9240	50.000	ug/L	# 0.02
28) Chlorobenzene-d5	8.863	117	8994	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.259	152	4541	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25698	215.495	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 430.980%#		
7) Chloroethane-d5	1.568	69	16284	155.495	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 310.980%#		
11) 1,1-Dichloroethene-d2	2.095	63	32538	156.008	ug/L	-0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	= 312.020%#		
21) 2-Butanone-d5	3.966	46	6411	125.430	ug/L	0.08
Spiked Amount	100.000	Range 40 - 130	Recovery	= 125.430%		
24) Chloroform-d	4.349	84	30426	182.671	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 365.340%#		
26) 1,2-Dichloroethane-d4	5.037	65	19969	198.371	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 396.740%#		
32) Benzene-d6	5.047	84	62326	198.778	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 397.560%#		
36) 1,2-Dichloropropane-d6	6.072	67	19233	199.716	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 399.440%#		
41) Toluene-d8	7.317	98	46491	160.930	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 321.860%#		
43) trans-1,3-Dichloroprop...	7.635	79	7742	180.095	ug/L	0.02
Spiked Amount	50.000	Range 60 - 125	Recovery	= 360.200%#		
47) 2-Hexanone-d5	8.130	63	8607	243.779	ug/L	0.05
Spiked Amount	100.000	Range 45 - 130	Recovery	= 243.780%#		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	22107	172.140	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 344.280%#		
66) 1,2-Dichlorobenzene-d4	11.628	152	15047	151.059	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 302.120%#		
Target Compounds						
						Qvalue
3) Chloromethane	1.240	50	7831	67.778	ug/L	98
5) Vinyl chloride	1.314	62	131	1.115	ug/L	# 1
6) Bromomethane	1.523	94	1618	22.668	ug/L	98
8) Chloroethane	1.664	64	111	1.265	ug/L	# 42
9) Trichlorofluoromethane	2.092	101	339	2.031	ug/L	# 75
10) 1,1,2-Trichloro-1,2,2-...	2.092	101	339	3.822	ug/L	# 22
12) 1,1-Dichloroethene	2.098	96	182	2.086	ug/L	# 1
13) Acetone	2.018	43	262	7.512	ug/L	92
14) Carbon disulfide	2.278	76	711	3.295	ug/L	# 20
15) Methyl Acetate	2.439	43	90	1.204	ug/L	# 57
16) Methylene chloride	2.500	84	1441	17.055	ug/L	97
33) Benzene	5.059	78	232	0.766	ug/L	100
35) Methylcyclohexane	6.130	83	170	1.433	ug/L	# 36
37) 1,2-Dichloropropane	6.069	63	920	12.093	ug/L	# 86
39) cis-1,3-Dichloropropene	6.992	75	254	2.341	ug/L	# 43
48) 2-Hexanone	8.130	43	702	10.146	ug/L	# 45
61) 1,2,3-Trichloropropane	11.262	75	427	4.751	ug/L	# 58
65) 1,4-Dichlorobenzene	11.284	146	159	1.054	ug/L	# 26
71) Naphthalene	13.503	128	22983	91.673	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Wed May 11 04:11:56 2022
Response via : Initial Calibration

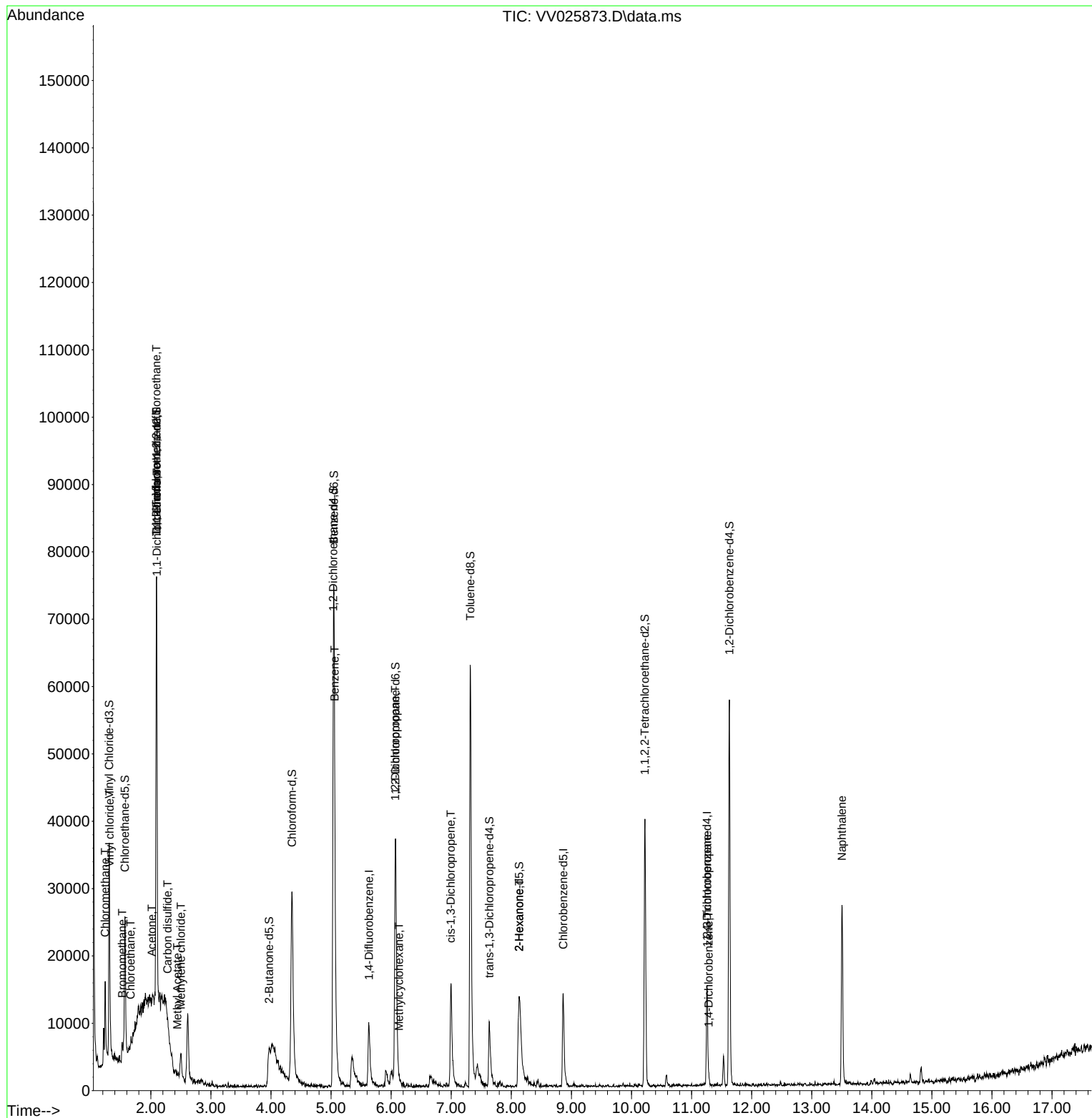
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

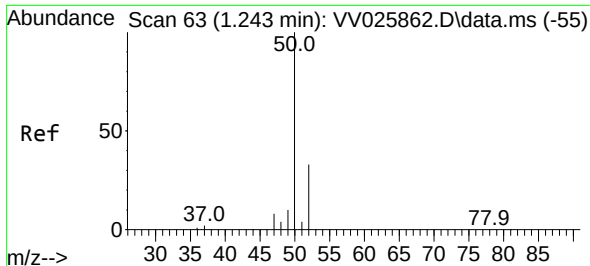
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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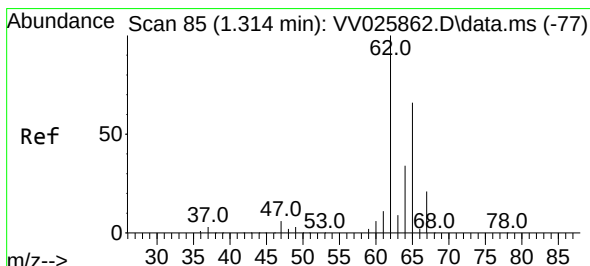
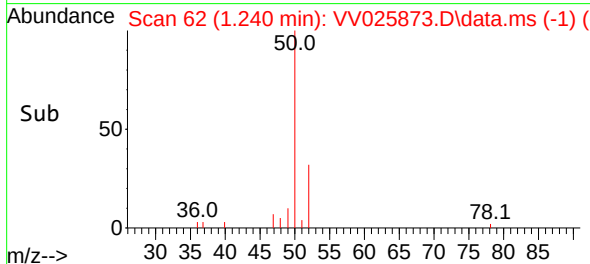
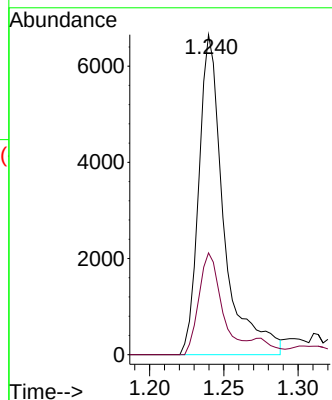
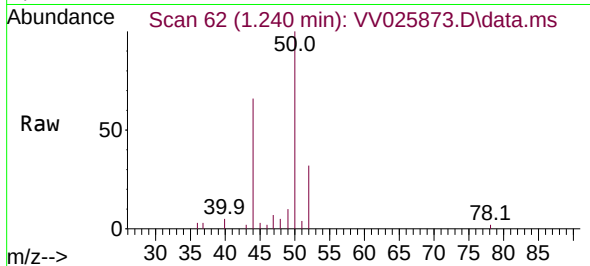




#3
Chloromethane
Concen: 67.778 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

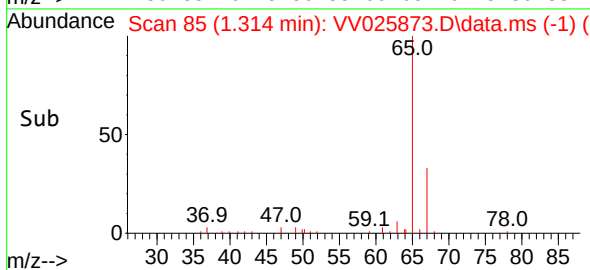
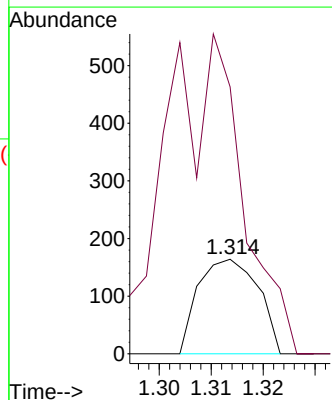
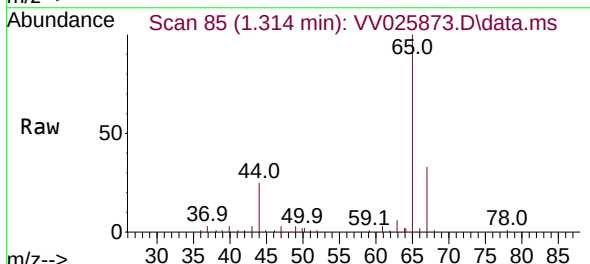
Instrument :
MSVOA_V
ClientSampleId :
DBSL2ME

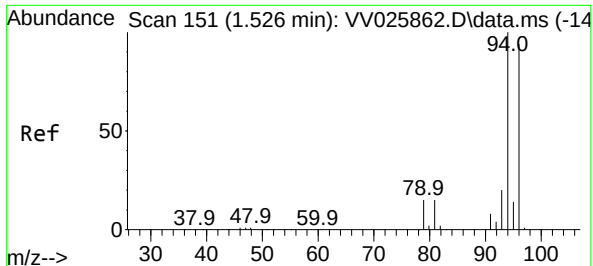
Tgt Ion: 50 Resp: 7831
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2



#5
Vinyl chloride
Concen: 1.115 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.000 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

Tgt Ion: 62 Resp: 131
Ion Ratio Lower Upper
62 100
64 282.3 23.2 43.0#

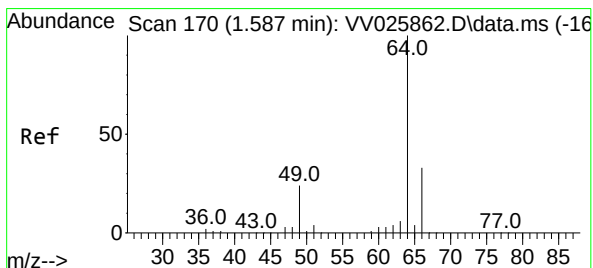
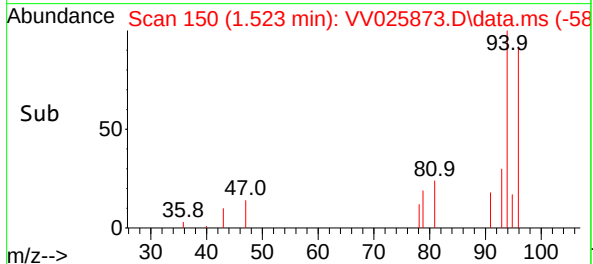
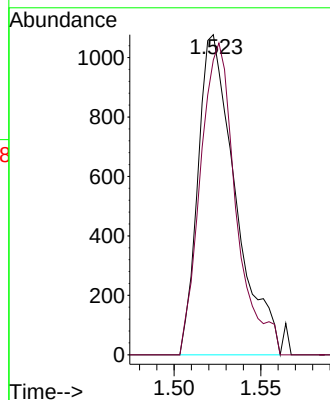
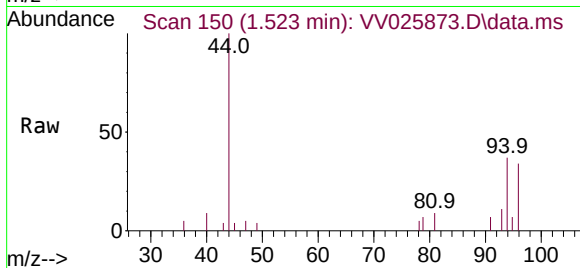




#6
Bromomethane
Concen: 22.668 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

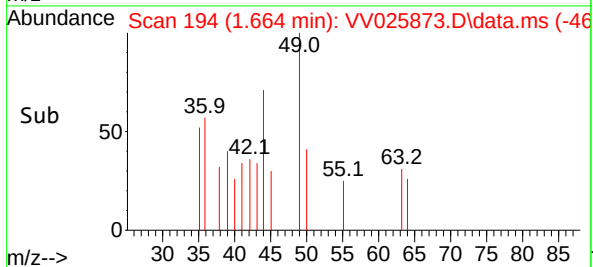
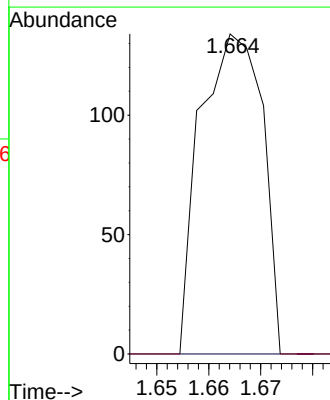
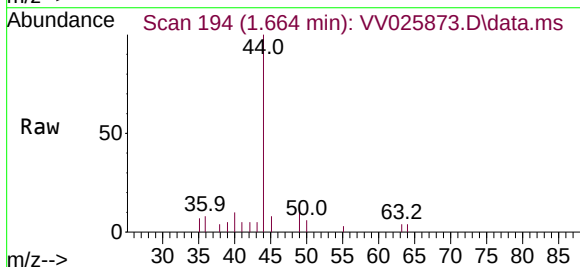
Instrument :
MSVOA_V
ClientSampleId :
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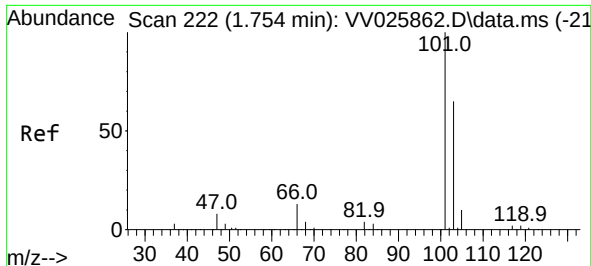
Tgt Ion: 94 Resp: 1618
Ion Ratio Lower Upper
94 100
96 92.1 65.9 122.3



#8
Chloroethane
Concen: 1.265 ug/L
RT: 1.664 min Scan# 194
Delta R.T. 0.077 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

Tgt Ion: 64 Resp: 111
Ion Ratio Lower Upper
64 100
66 0.0 22.9 42.5#

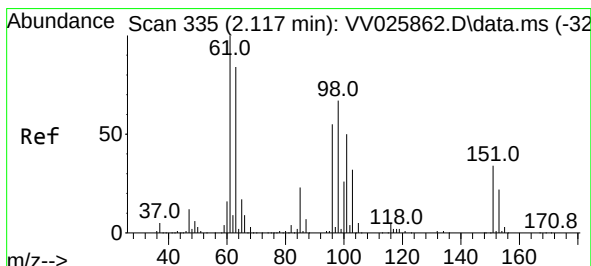
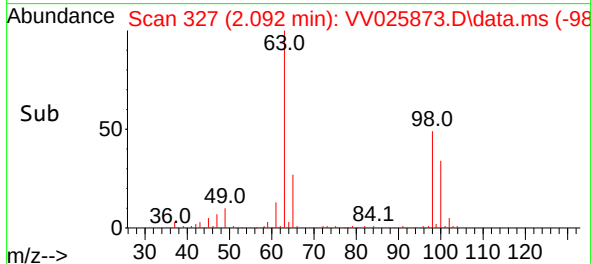
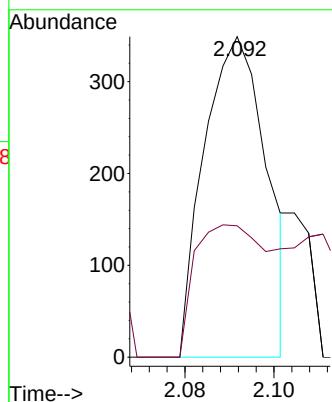
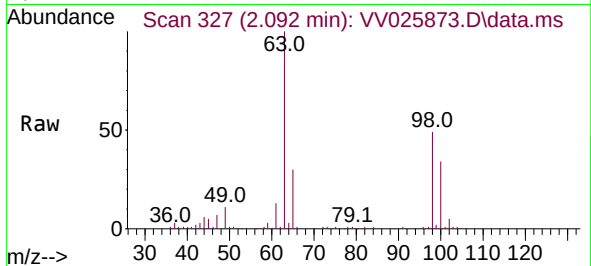




#9
 Trichlorofluoromethane
 Concen: 2.031 ug/L
 RT: 2.092 min Scan# 31
 Delta R.T. 0.338 min
 Lab File: VV025873.D
 Acq: 10 May 2022 20:19

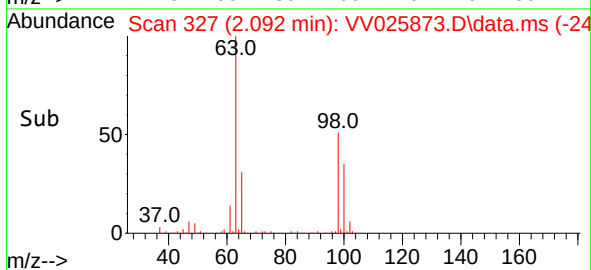
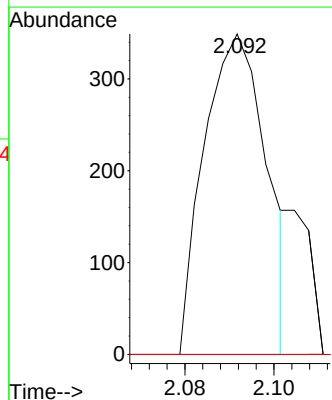
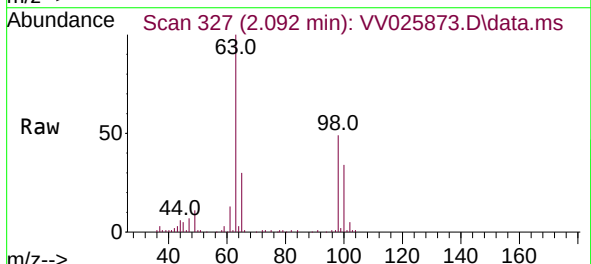
Instrument :
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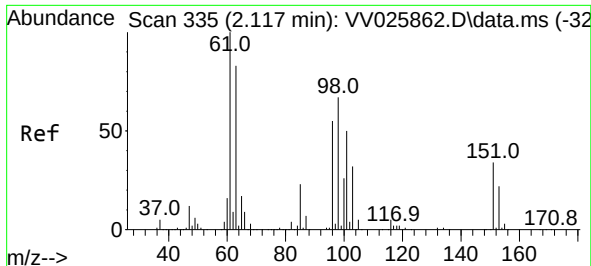
Tgt Ion:101 Resp: 339
 Ion Ratio Lower Upper
 101 100
 103 44.5 51.5 77.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.822 ug/L
 RT: 2.092 min Scan# 327
 Delta R.T. -0.026 min
 Lab File: VV025873.D
 Acq: 10 May 2022 20:19

Tgt Ion:101 Resp: 339
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 54.3 81.5#

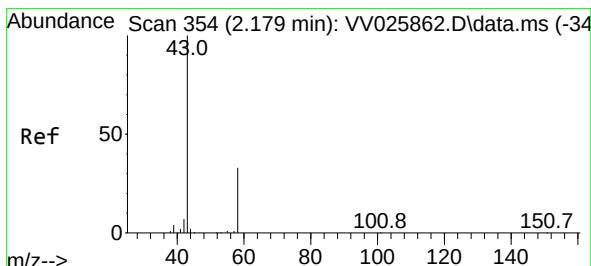
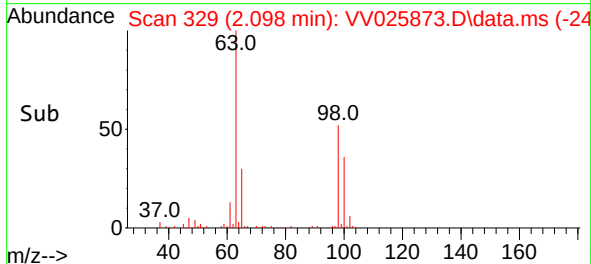
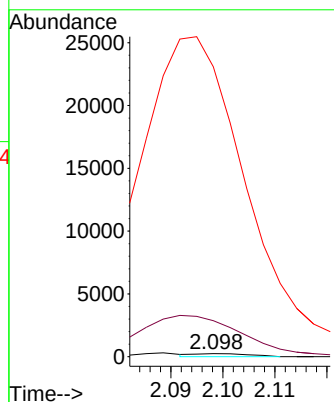
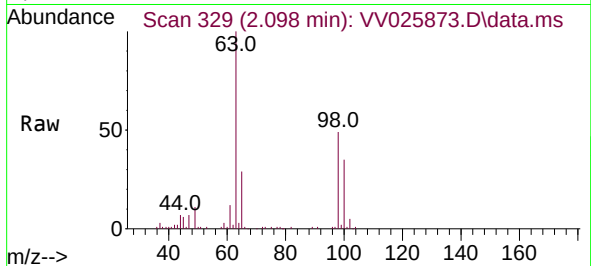




#12
1,1-Dichloroethene
Concen: 2.086 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

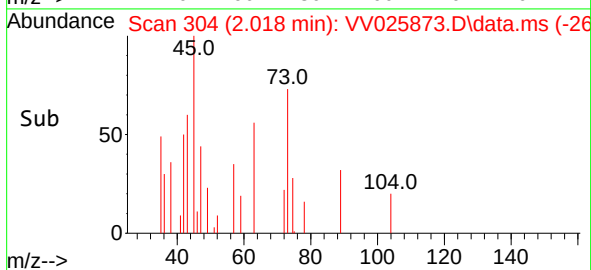
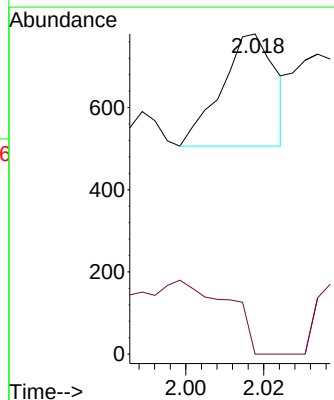
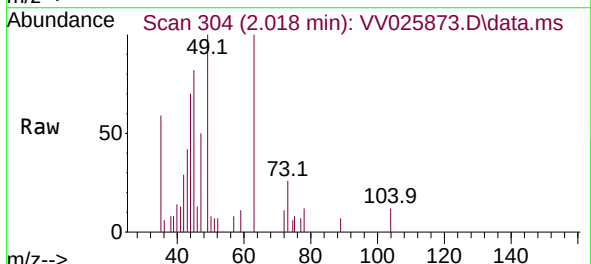
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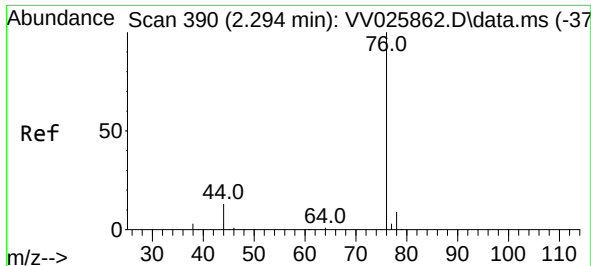
Tgt Ion: 96 Resp: 182
Ion Ratio Lower Upper
96 100
61 1158.3 124.6 231.4#
63 9347.4 101.6 188.6#



#13
Acetone
Concen: 7.512 ug/L
RT: 2.018 min Scan# 304
Delta R.T. -0.161 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
58 28.2 0.0 65.0

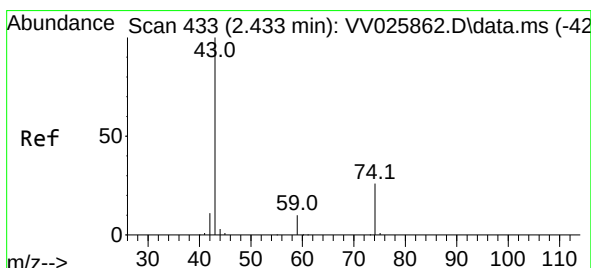
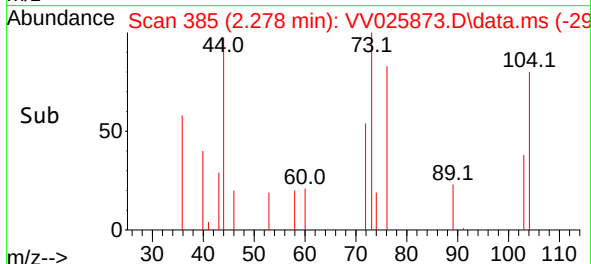
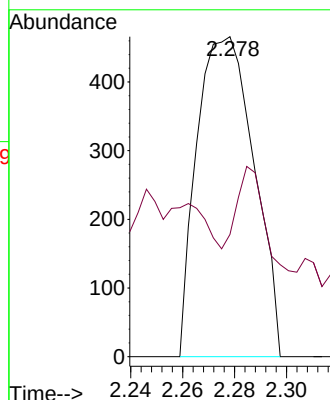
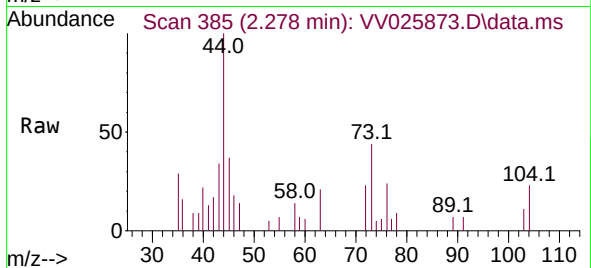




#14
Carbon disulfide
Concen: 3.295 ug/L
RT: 2.278 min Scan# 311
Delta R.T. -0.016 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

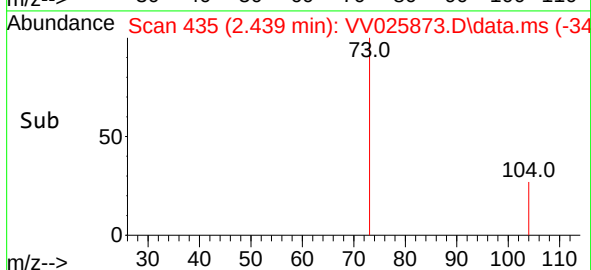
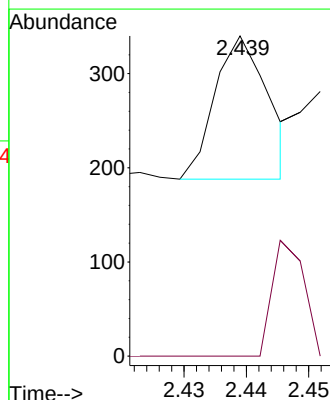
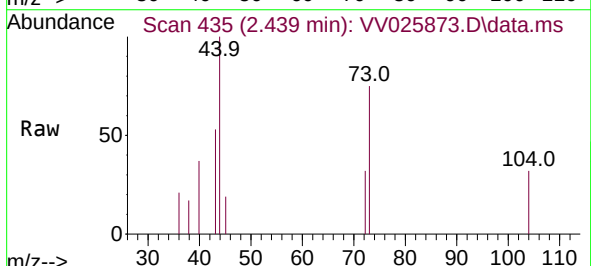
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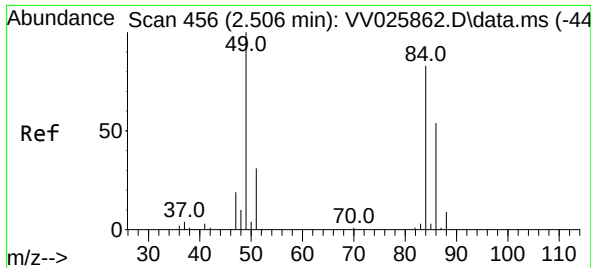
Tgt Ion: 76 Resp: 711
Ion Ratio Lower Upper
76 100
78 38.2 7.4 11.0#



#15
Methyl Acetate
Concen: 1.204 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.006 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 47.8 20.7 31.1#

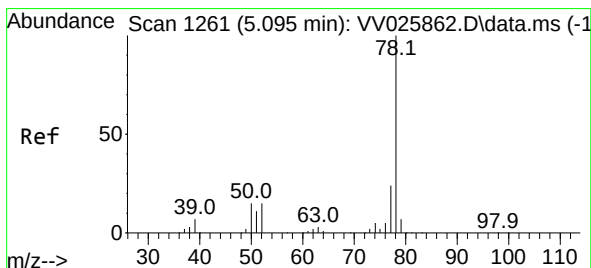
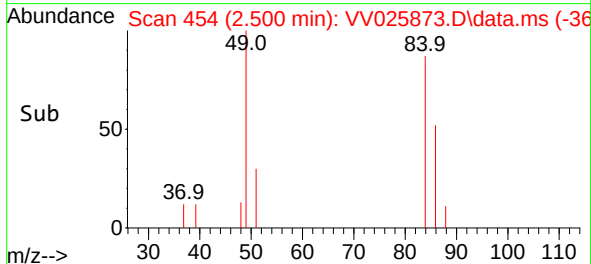
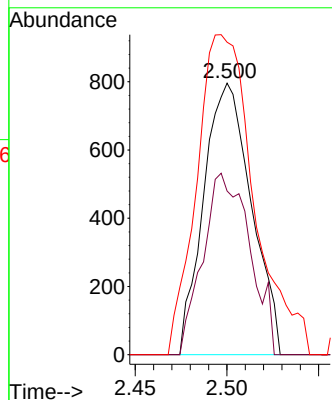
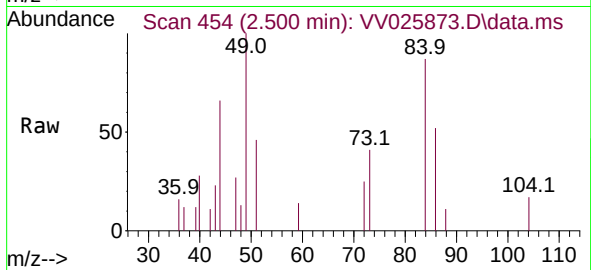




#16
Methylene chloride
Concen: 17.055 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

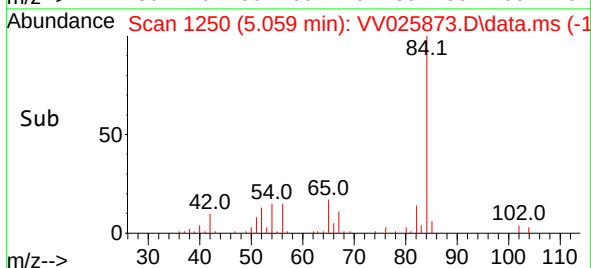
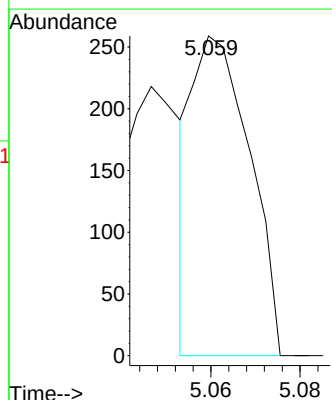
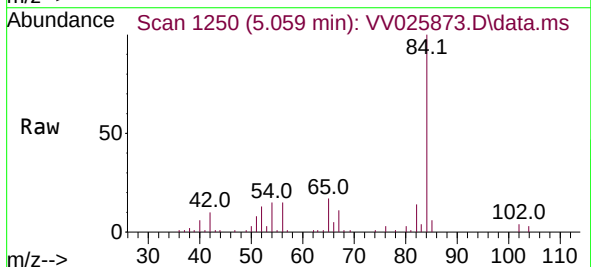
Instrument :
MSVOA_V
ClientSampleId :
DBSL2ME

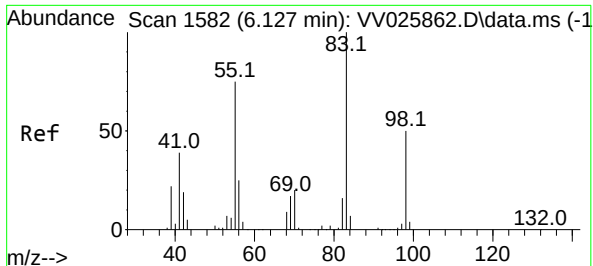
Tgt Ion: 84 Resp: 1441
Ion Ratio Lower Upper
84 100
86 60.3 44.2 82.0
49 115.1 82.7 153.5



#33
Benzene
Concen: 0.766 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.035 min
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Tgt Ion: 78 Resp: 232

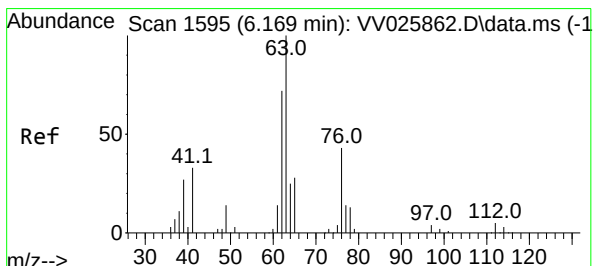
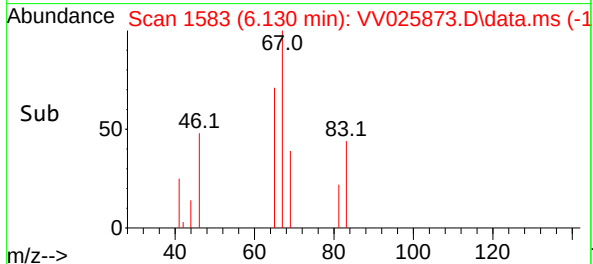
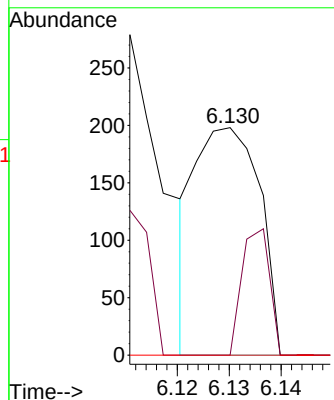
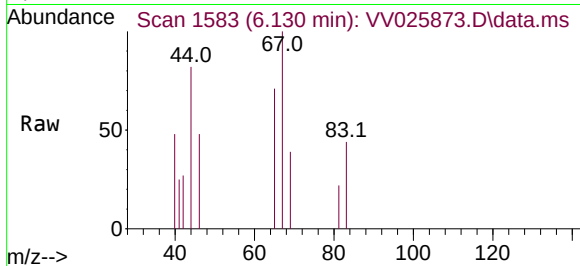




#35
Methylcyclohexane
Concen: 1.433 ug/L
RT: 6.130 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

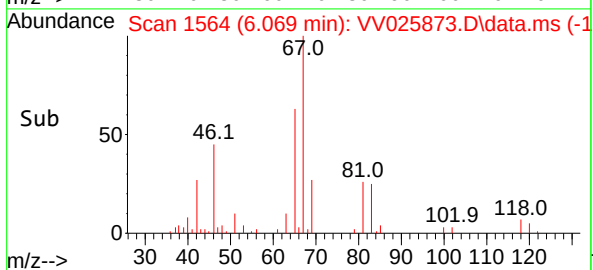
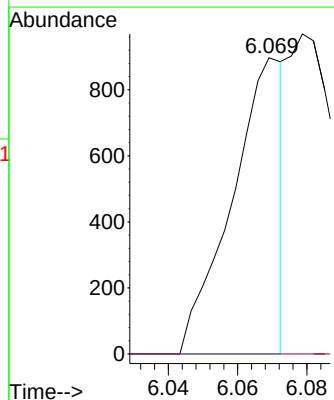
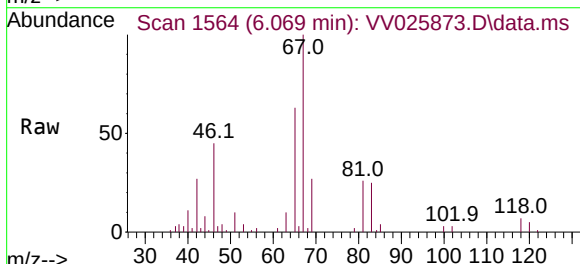
Instrument :
MSVOA_V
ClientSampleId :
DBSL2ME

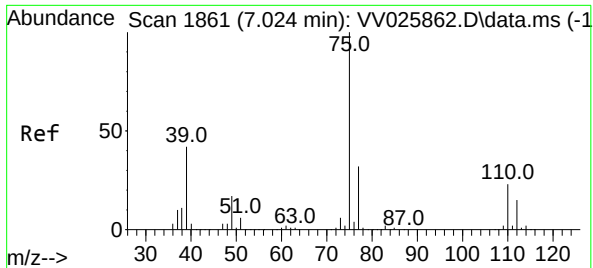
Tgt Ion: 83 Resp: 170
Ion Ratio Lower Upper
83 100
55 24.1 58.6 87.8#
98 0.0 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 12.093 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025873.D
Acq: 10 May 2022 20:19

Tgt Ion: 63 Resp: 920
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 2.341 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025873.D

Acq: 10 May 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

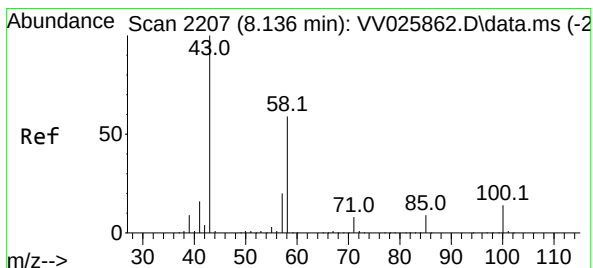
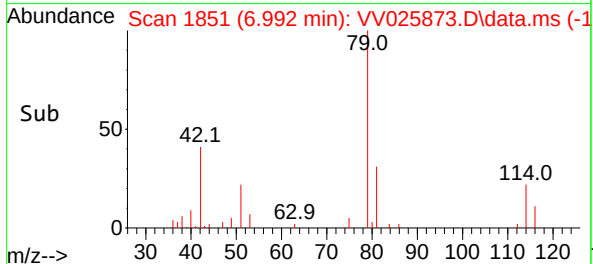
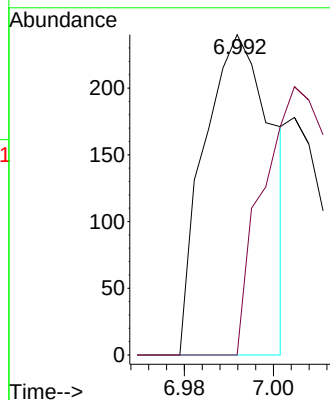
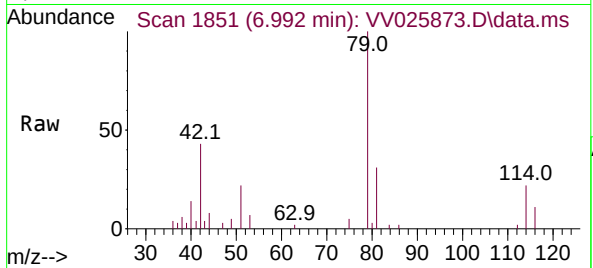
DBSL2ME

Tgt Ion: 75 Resp: 254

Ion Ratio Lower Upper

75 100

77 0.0 22.4 41.6#



#48

2-Hexanone

Concen: 10.146 ug/L

RT: 8.130 min Scan# 2205

Delta R.T. -0.006 min

Lab File: VV025873.D

Acq: 10 May 2022 20:19

Tgt Ion: 43 Resp: 702

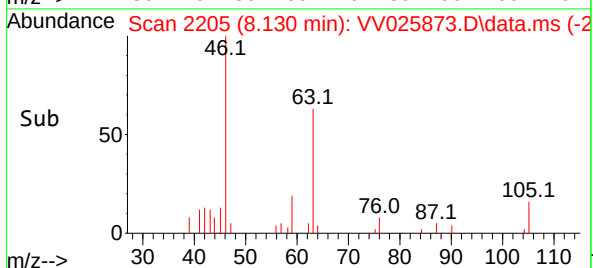
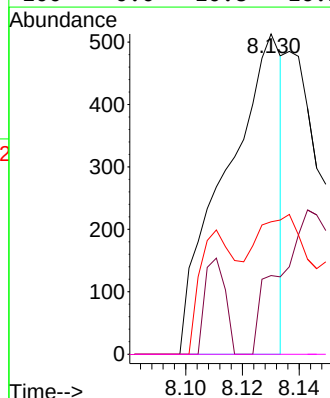
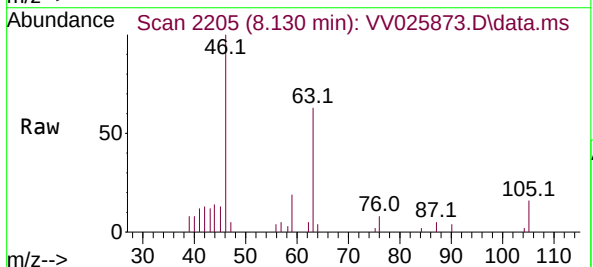
Ion Ratio Lower Upper

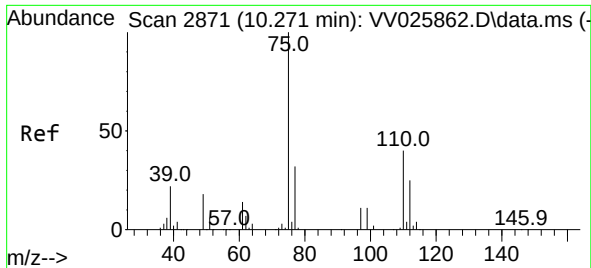
43 100

58 10.1 45.9 68.9#

57 0.0 15.4 23.2#

100 0.0 10.8 16.2#

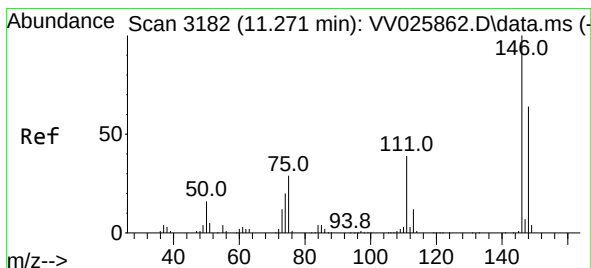
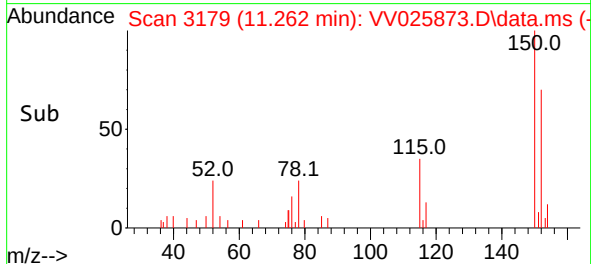
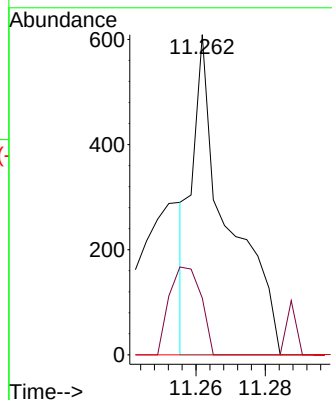
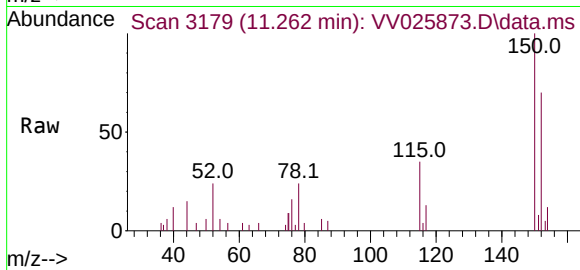




#61
 1,2,3-Trichloropropane
 Concen: 4.751 ug/L
 RT: 11.262 min Scan# 3179
 Delta R.T. 0.990 min
 Lab File: VV025873.D
 Acq: 10 May 2022 20:19

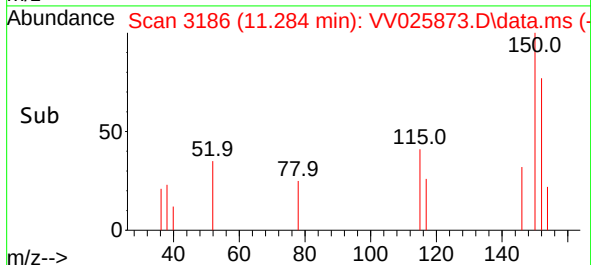
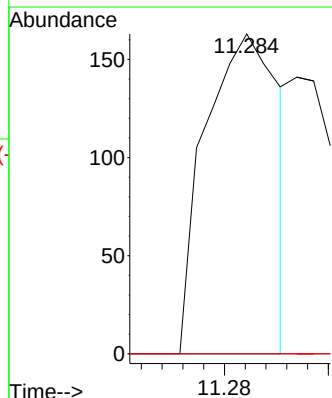
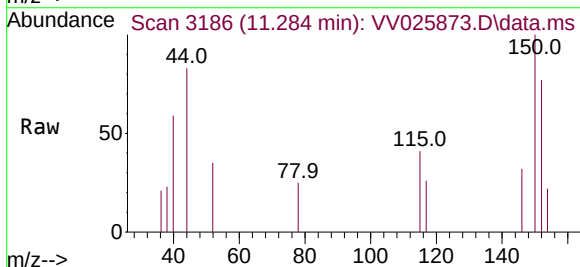
Instrument :
 MSVOA_V
 ClientSampleId :
 DBSL2ME

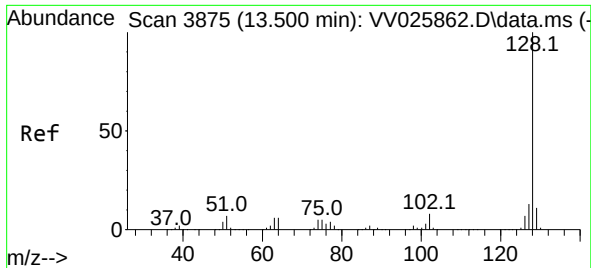
Tgt Ion: 75 Resp: 427
 Ion Ratio Lower Upper
 75 100
 77 24.8 25.3 37.9#
 110 0.0 32.3 48.5#



#65
 1,4-Dichlorobenzene
 Concen: 1.054 ug/L
 RT: 11.284 min Scan# 3186
 Delta R.T. 0.013 min
 Lab File: VV025873.D
 Acq: 10 May 2022 20:19

Tgt Ion: 146 Resp: 159
 Ion Ratio Lower Upper
 146 100
 111 0.0 26.7 49.7#
 148 0.0 44.2 82.2#





#71

Naphthalene

Concen: 91.673 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV025873.D

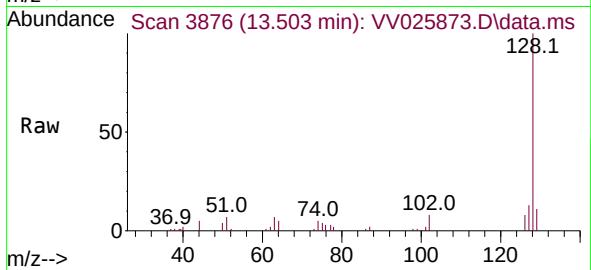
Acq: 10 May 2022 20:19

Instrument :

MSVOA_V

ClientSampleId :

DBSL2ME



Tgt Ion:128 Resp: 22983

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.0 8.8 13.2

