

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068785.D
 Acq On : 1 Oct 2021 16:02
 Operator : JC/MD
 Sample : M3915-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB05-20210921

Quant Time: Oct 02 04:00:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

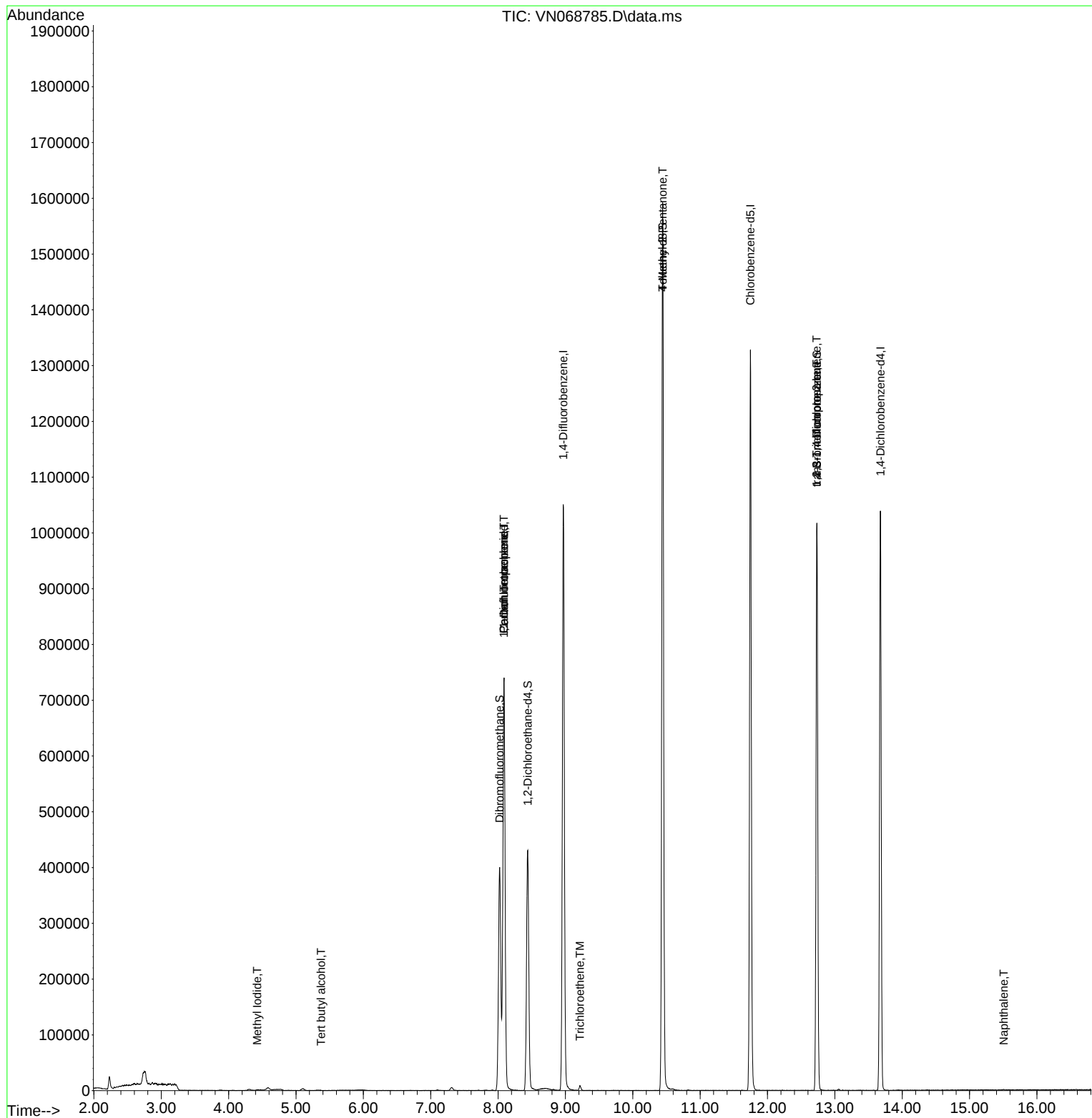
Internal Standards						
1) Pentafluorobenzene	8.088	168	524775	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	911804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	743107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	262911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	358585	49.042	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.080%		
35) Dibromofluoromethane	8.024	113	284302	50.183	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.360%		
50) Toluene-d8	10.443	98	1102099	53.237	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.480%		
62) 4-Bromofluorobenzene	12.733	95	325586	45.262	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.520%		
Target Compounds						Qvalue
3) Chloromethane	2.301	50	1342	Below Cal		94
5) Bromomethane	2.848	94	377	Below Cal		86
6) Chloroethane	2.995	64	121	Below Cal	#	44
10) Methyl Iodide	4.422	142	24	1.355	ug/l #	33
11) Tert butyl alcohol	5.371	59	254	0.259	ug/l #	71
13) Acrolein	4.060	56	52	Below Cal	#	61
16) Acetone	4.296	43	3402	Below Cal		91
17) Carbon Disulfide	4.537	76	222	Below Cal	#	74
31) Cyclohexane	8.086	56	14341	Below Cal	#	19
36) 1,1-Dichloropropene	8.086	75	46835	5.461	ug/l #	52
38) Carbon Tetrachloride	8.088	117	58273	5.720	ug/l #	17
44) Trichloroethene	9.215	130	2800	0.402	ug/l	73
51) 4-Methyl-2-Pentanone	10.443	43	5331	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	12.731	75	191964	32.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.731	75	191964	95.442	ug/l #	6
95) Naphthalene	15.507	128	652	1.498	ug/l #	69

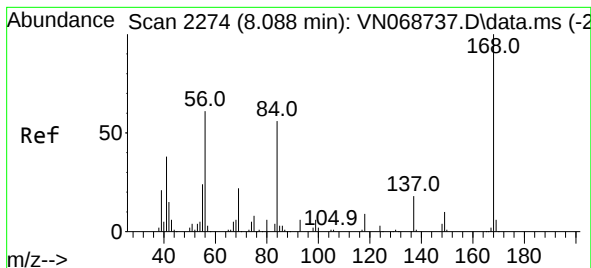
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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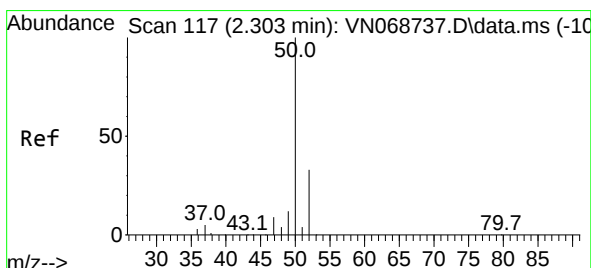
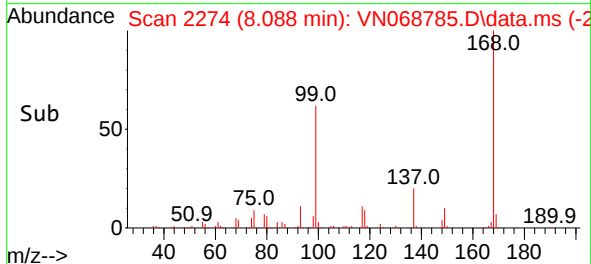
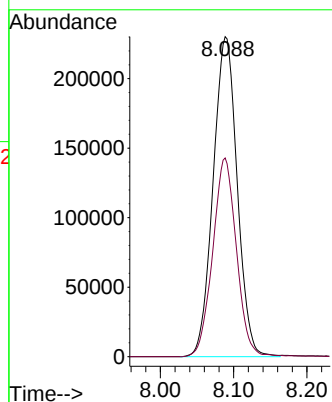
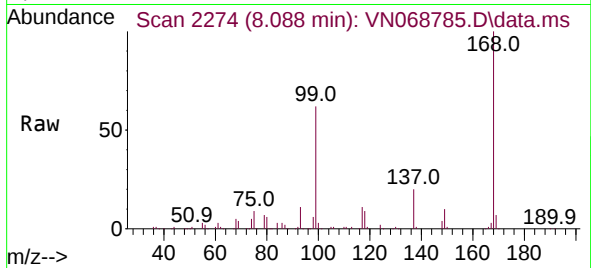




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

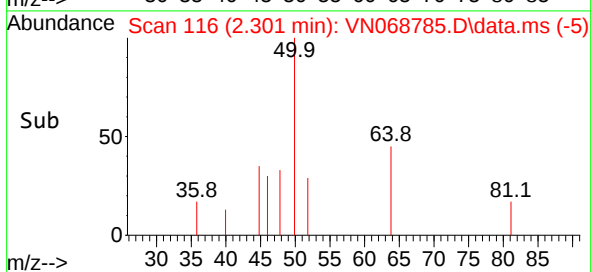
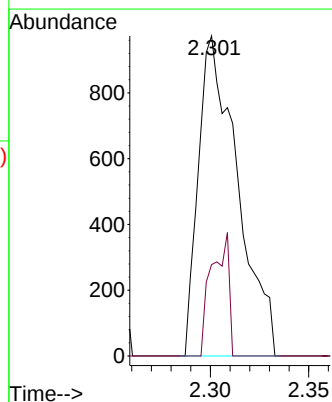
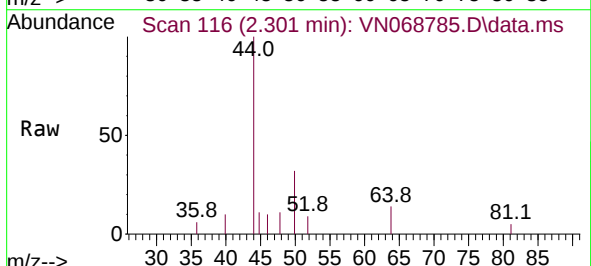
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

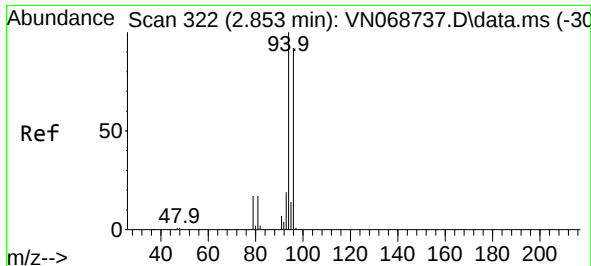
Tgt Ion:168 Resp: 524775
Ion Ratio Lower Upper
168 100
99 62.1 62.9 94.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 50 Resp: 1342
Ion Ratio Lower Upper
50 100
52 28.6 25.6 38.4

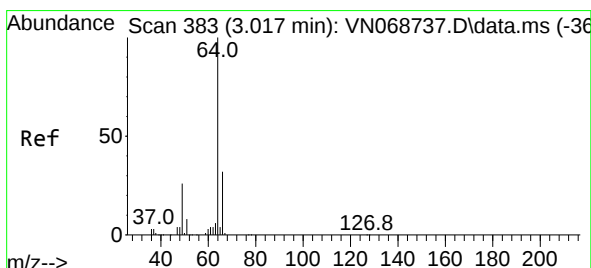
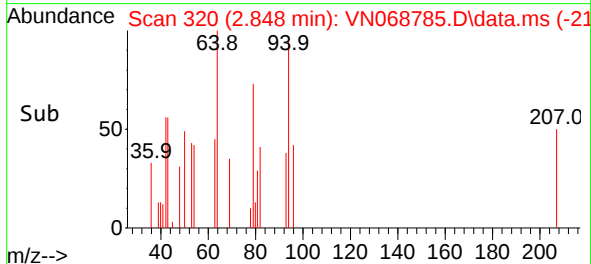
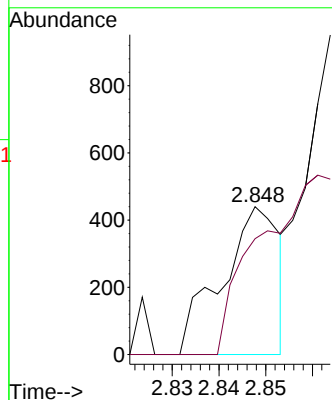
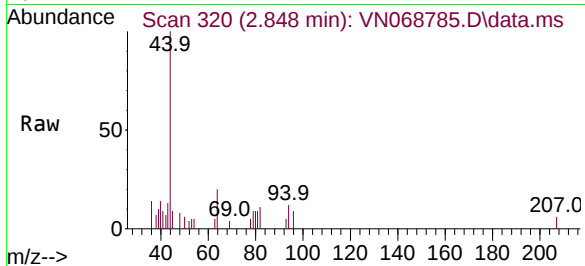




#5
Bromomethane
Concen: Below Cal
RT: 2.848 min Scan# 320
Delta R.T. -0.005 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

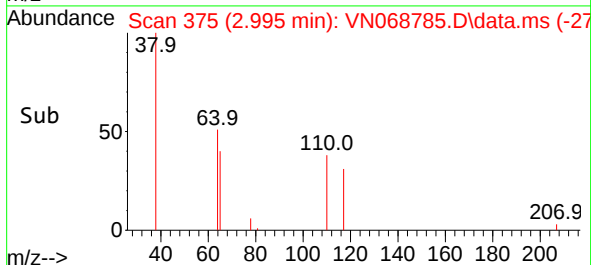
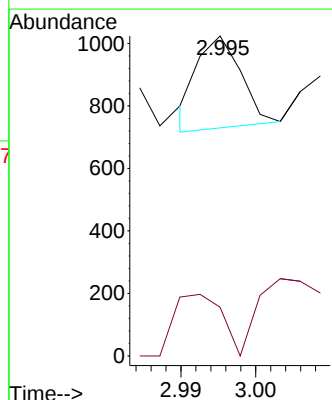
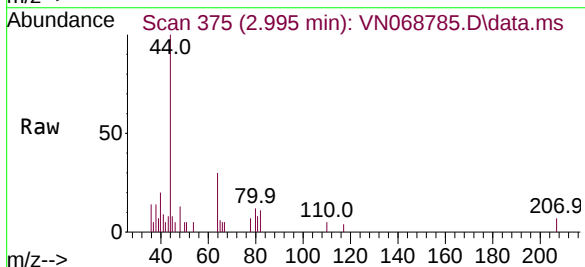
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

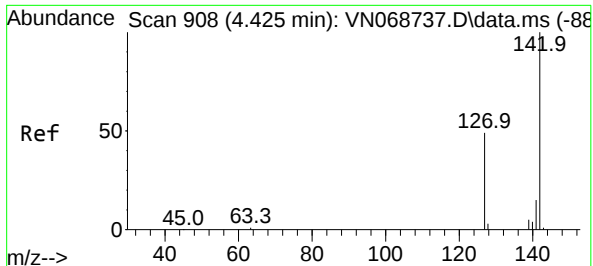
Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 78.4 73.7 110.5



#6
Chloroethane
Concen: Below Cal
RT: 2.995 min Scan# 375
Delta R.T. -0.022 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 64 Resp: 121
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#

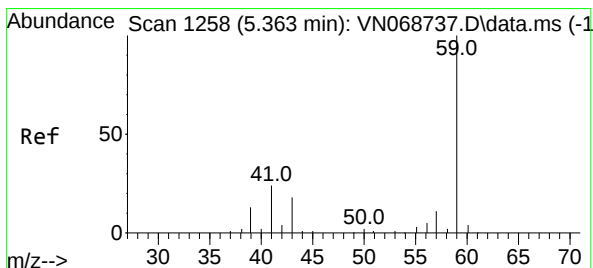
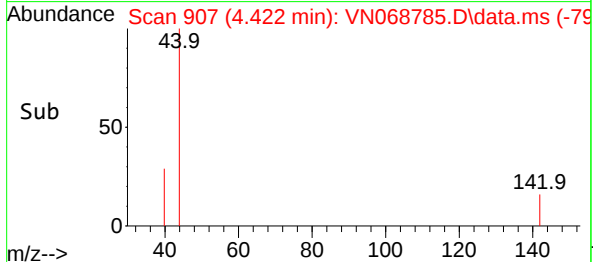
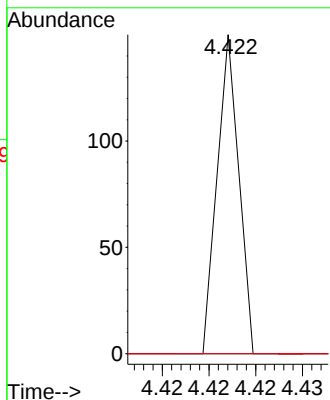
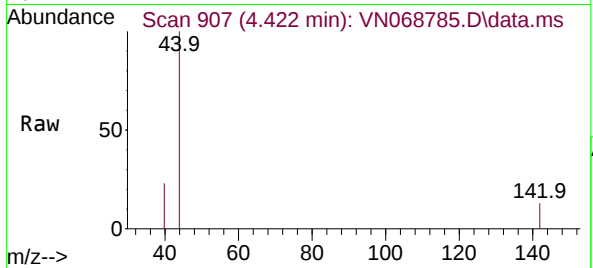




#10
Methyl Iodide
Concen: 1.355 ug/l
RT: 4.422 min Scan# 907
Delta R.T. -0.003 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

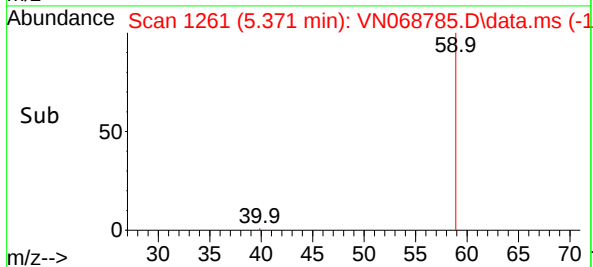
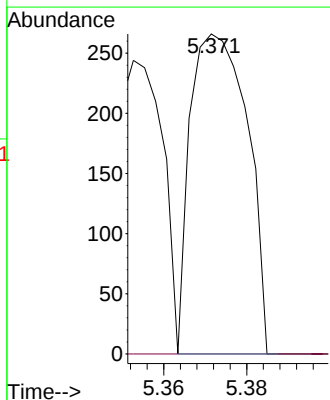
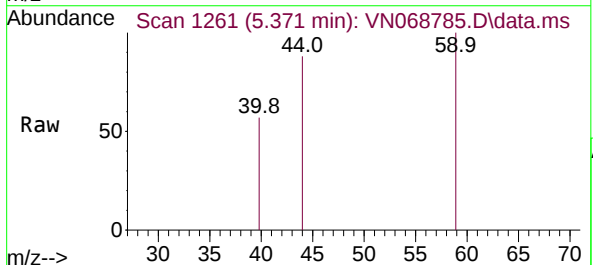
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

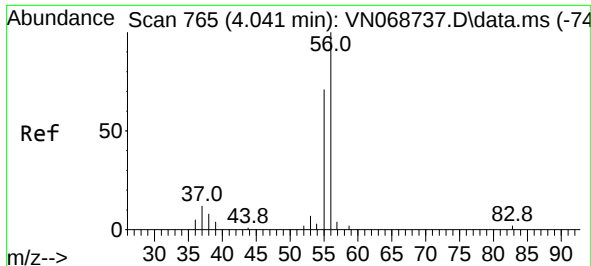
Tgt Ion:142 Resp: 24
Ion Ratio Lower Upper
142 100
127 0.0 43.1 64.7#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.259 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. 0.008 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

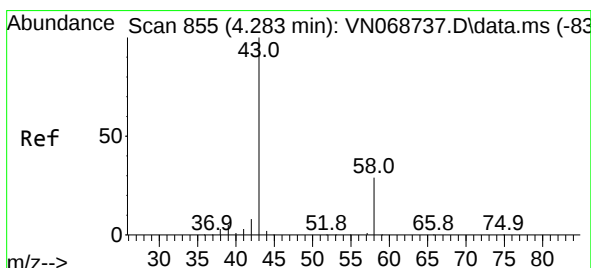
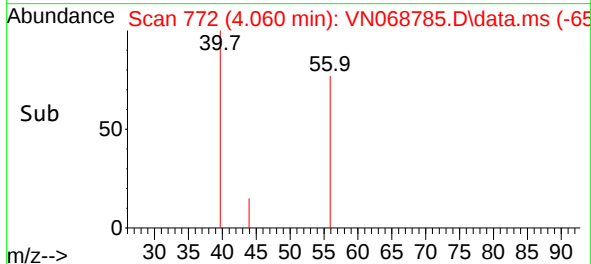
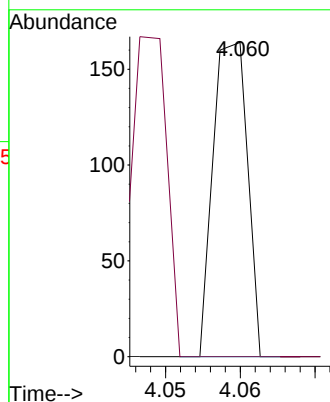
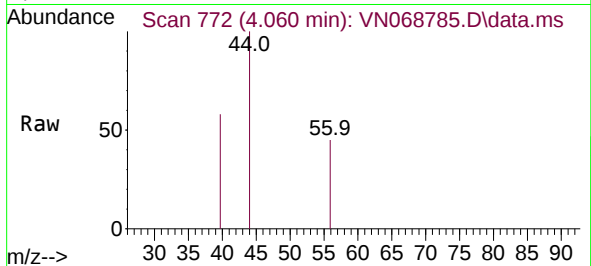




#13
Acrolein
Concen: Below Cal
RT: 4.060 min Scan# 772
Delta R.T. 0.019 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

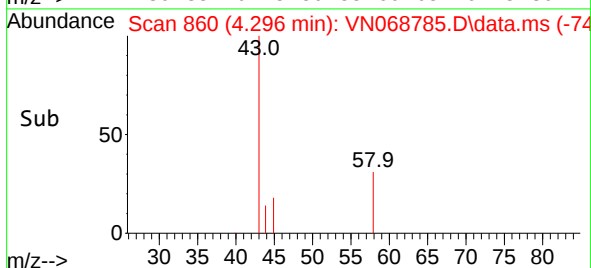
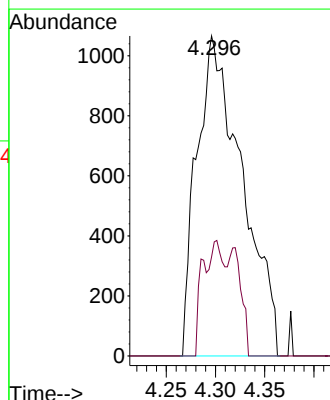
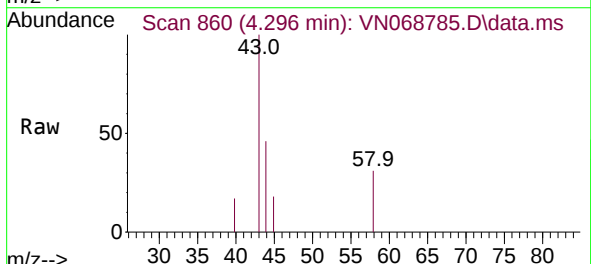
Instrument :
MSVOA_N
ClientSampleId :
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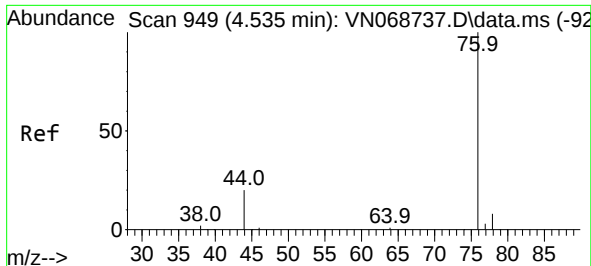
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 103.8 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.296 min Scan# 860
Delta R.T. 0.013 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 43 Resp: 3402
Ion Ratio Lower Upper
43 100
58 31.0 21.2 31.8

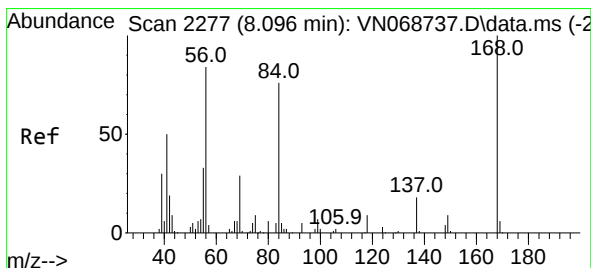
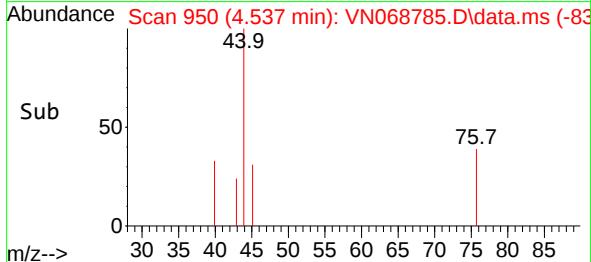
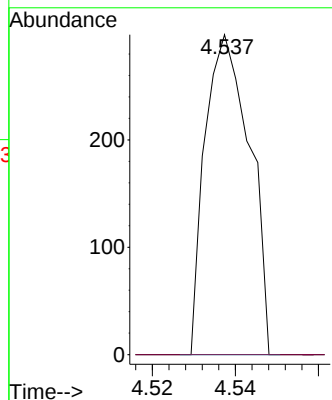
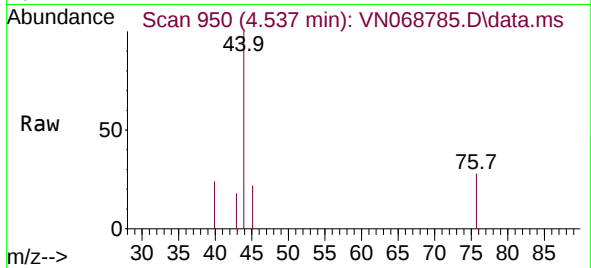




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.537 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

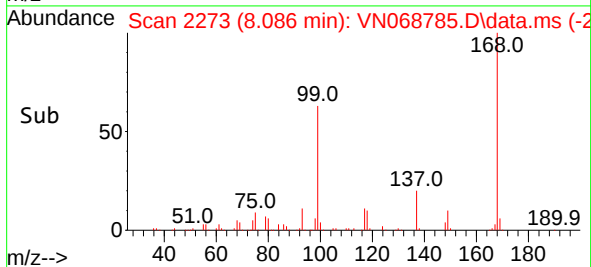
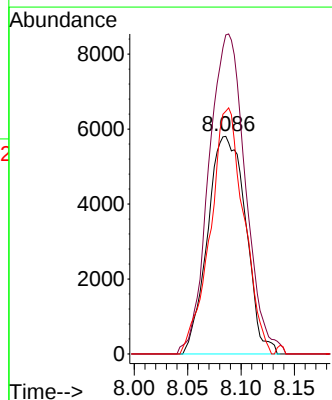
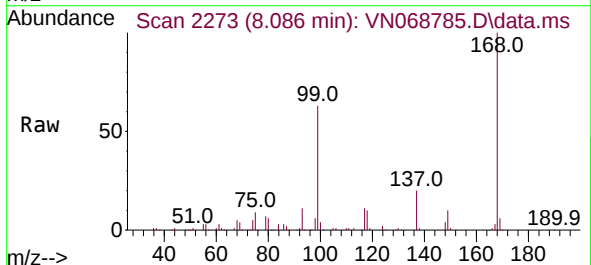
Instrument :
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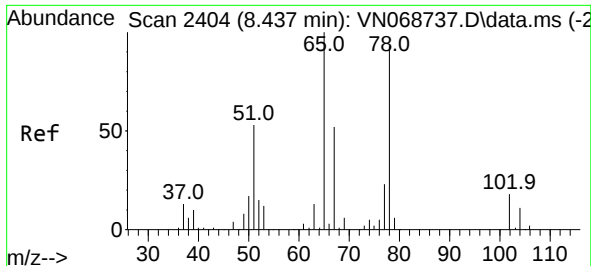
Tgt Ion: 76 Resp: 222
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#31
Cyclohexane
Concen: Below Cal
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 56 Resp: 14341
Ion Ratio Lower Upper
56 100
69 143.4 27.3 40.9#
84 111.5 64.9 97.3#



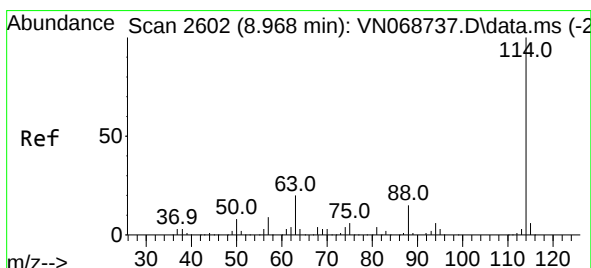
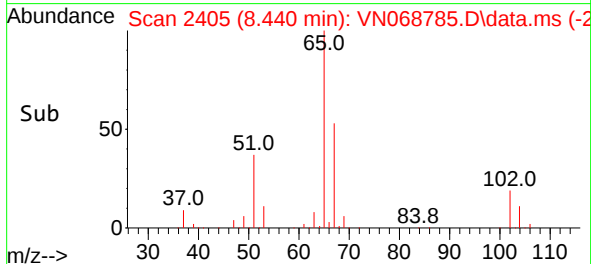
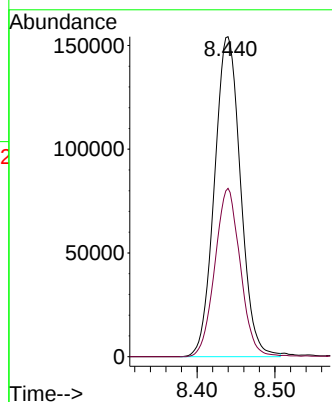
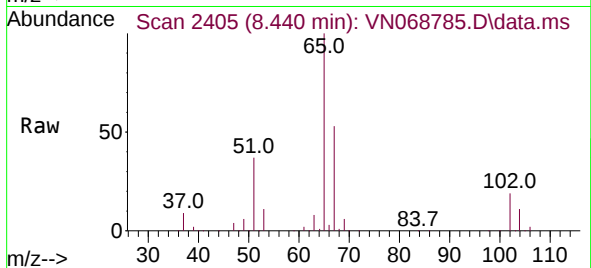


#33

1,2-Dichloroethane-d4
Concen: 49.042 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Instrument :
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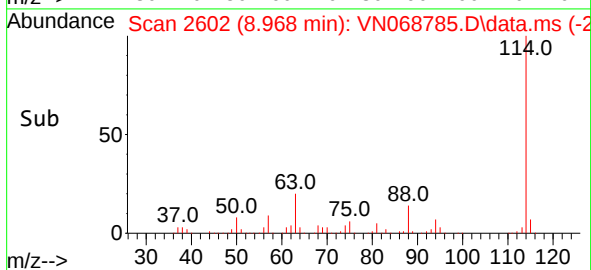
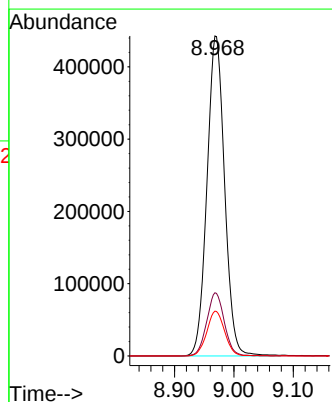
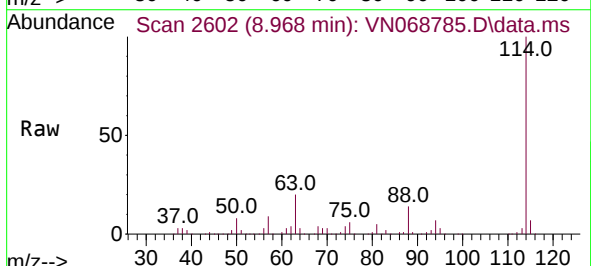
Tgt Ion: 65 Resp: 358585
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6

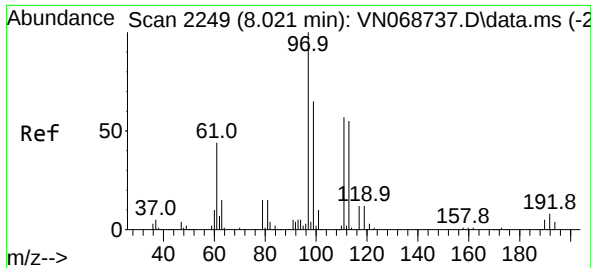


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 114 Resp: 911804
Ion Ratio Lower Upper
114 100
63 19.8 0.0 49.0
88 14.0 0.0 36.6

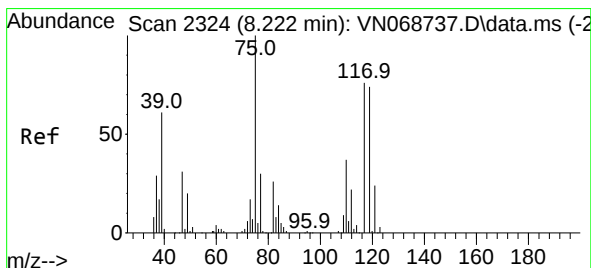
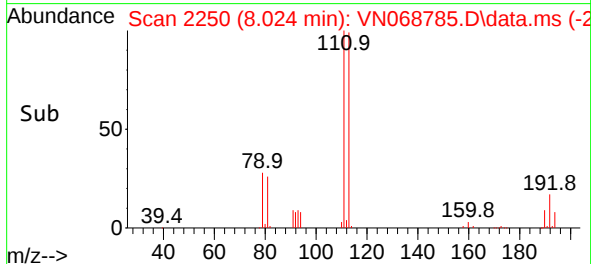
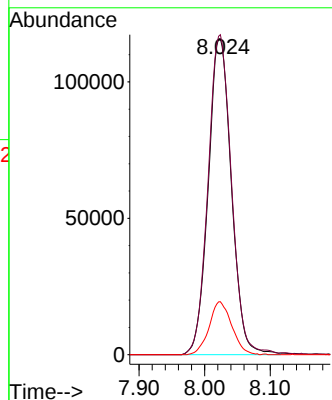
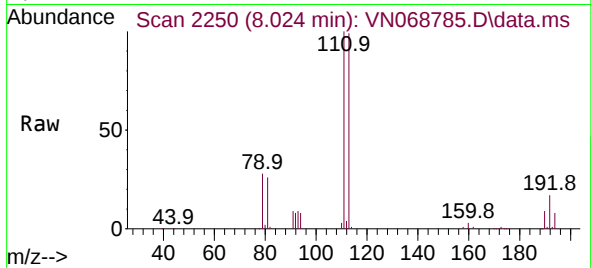




#35
Dibromofluoromethane
Concen: 50.183 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

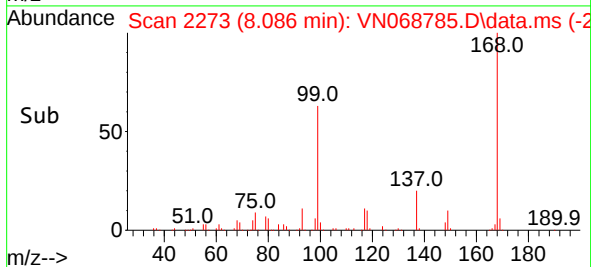
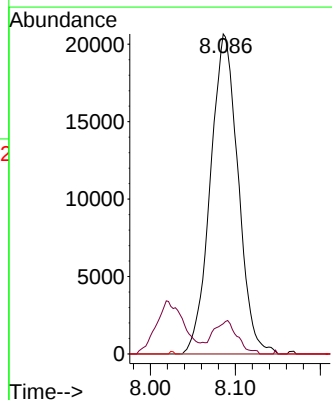
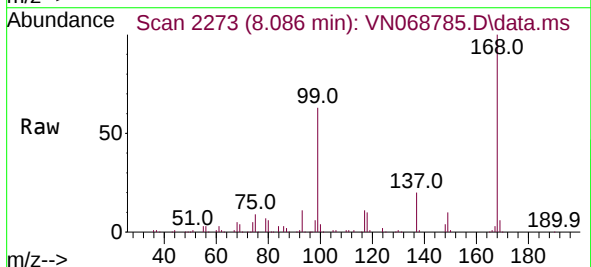
Instrument :
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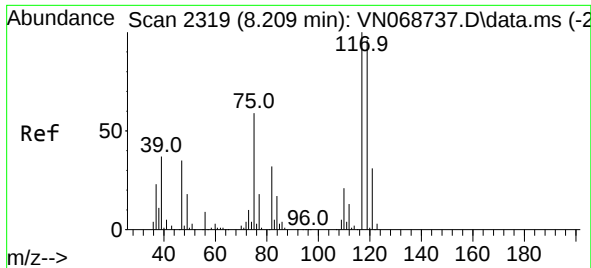
Tgt Ion:113 Resp: 284302
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.8
192 16.4 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.461 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 75 Resp: 46835
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#

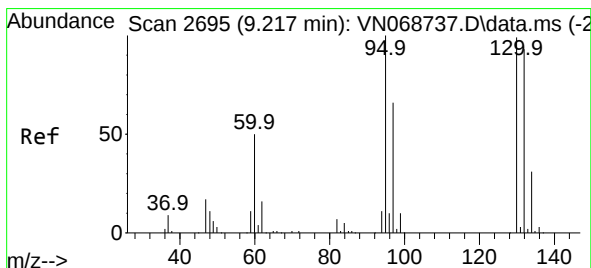
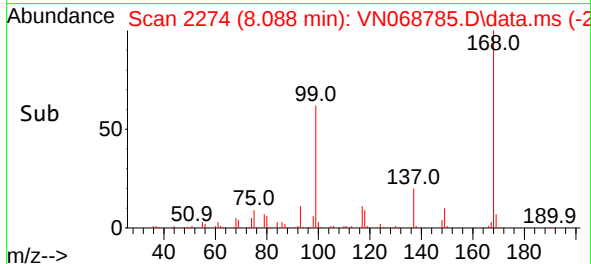
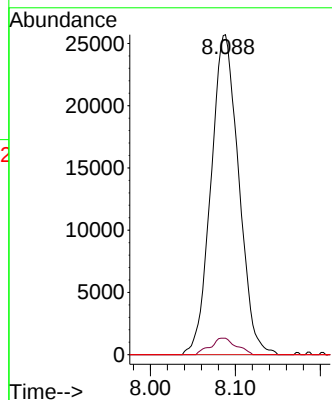
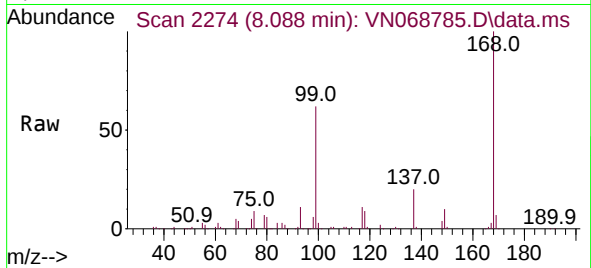




#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

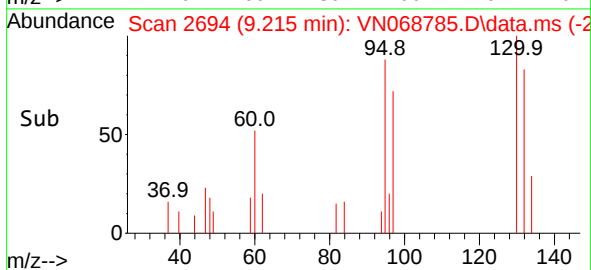
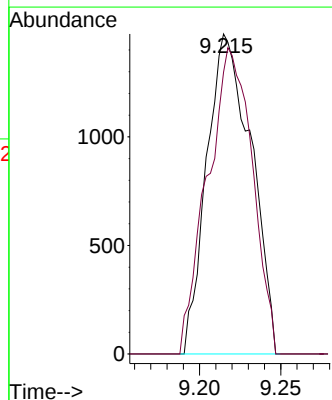
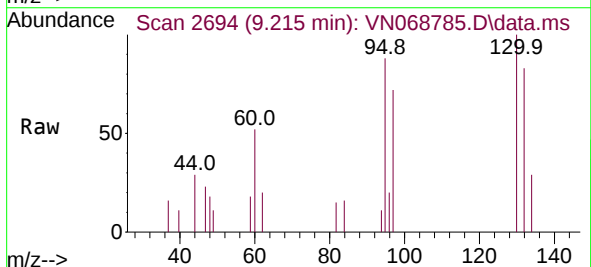
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

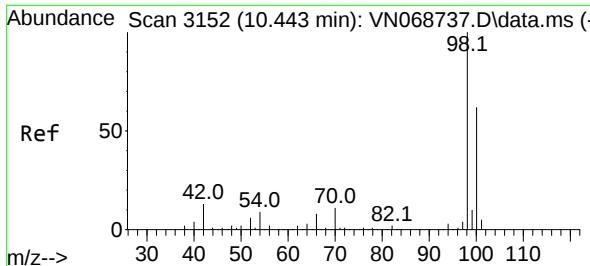
Tgt Ion:117 Resp: 58273
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.2#
121 0.0 23.5 35.3#



#44
Trichloroethene
Concen: 0.402 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion:130 Resp: 2800
Ion Ratio Lower Upper
130 100
95 88.1 0.0 234.4

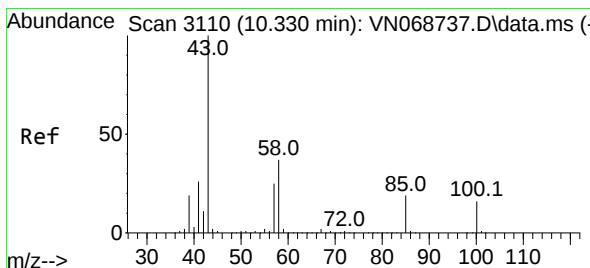
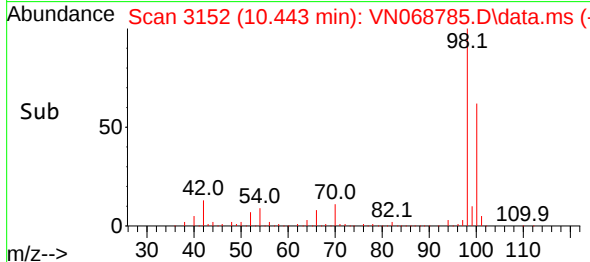
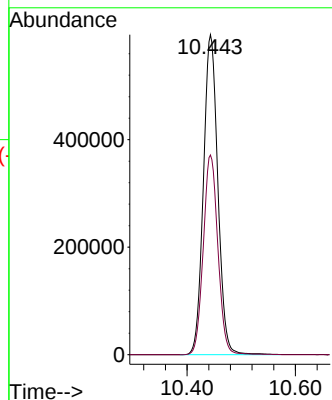
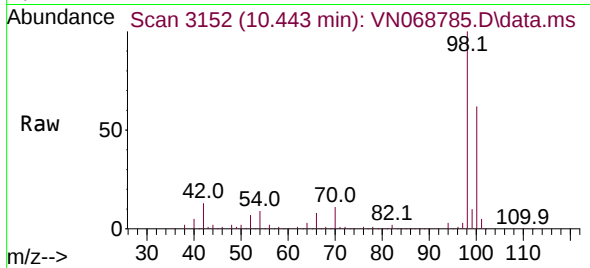




#50
Toluene-d8
Concen: 53.237 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

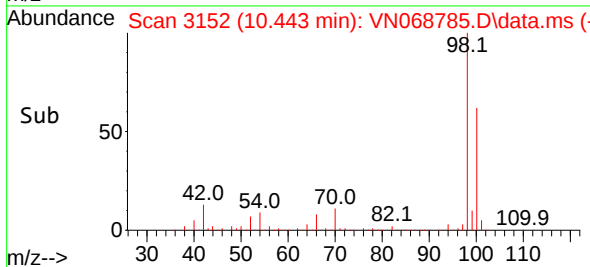
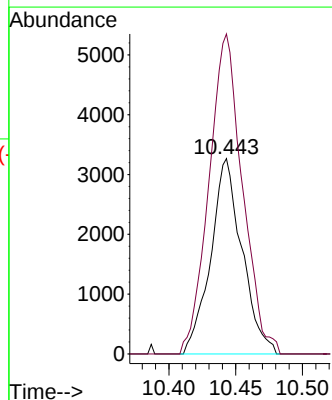
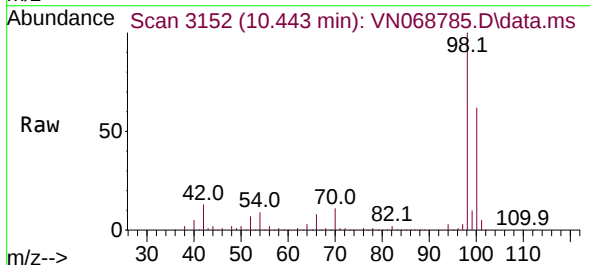
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

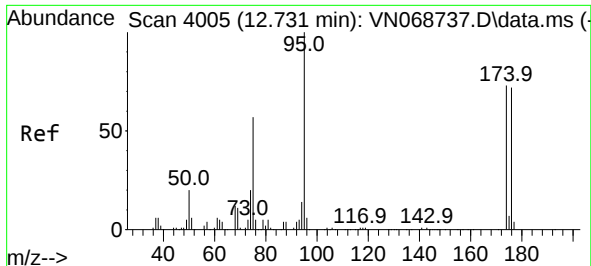
Tgt Ion: 98 Resp: 1102099
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 43 Resp: 5331
Ion Ratio Lower Upper
43 100
58 175.1 28.6 43.0#

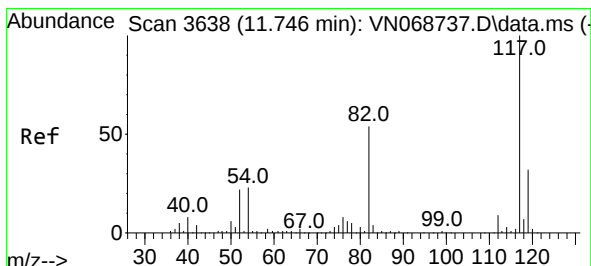
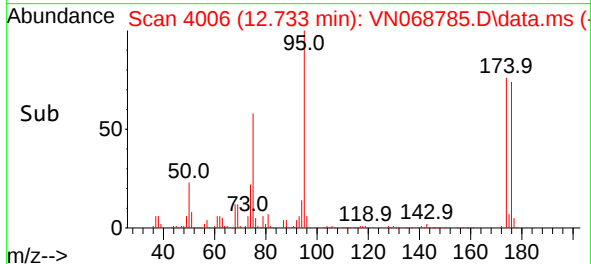
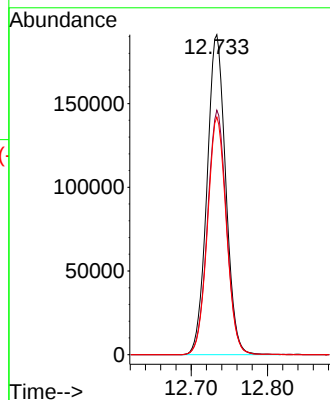
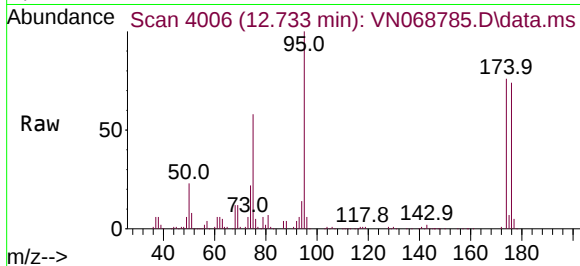




#62
4-Bromofluorobenzene
Concen: 45.262 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

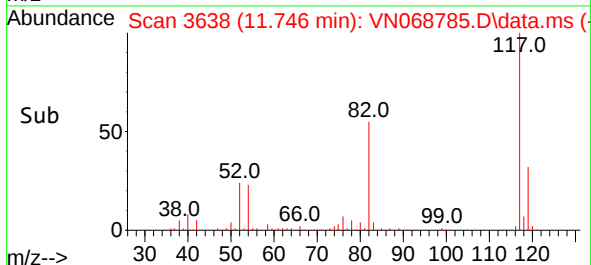
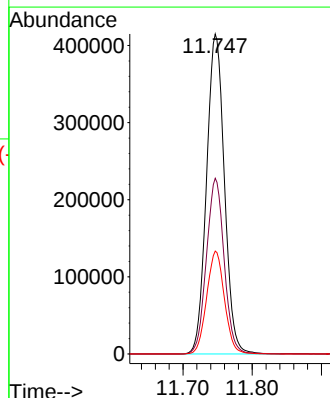
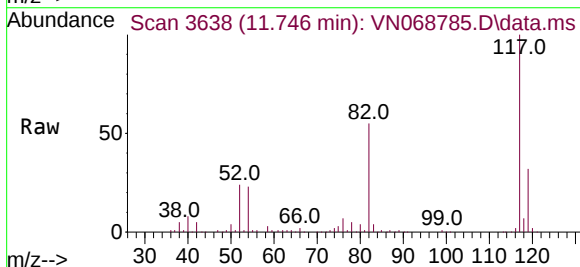
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

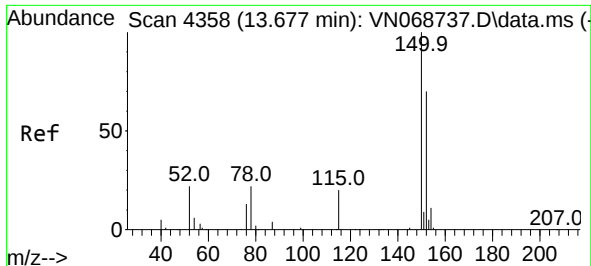
Tgt Ion: 95 Resp: 325586
Ion Ratio Lower Upper
95 100
174 77.6 0.0 122.0
176 74.9 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 117 Resp: 743107
Ion Ratio Lower Upper
117 100
82 54.9 53.1 79.7
119 32.2 25.5 38.3

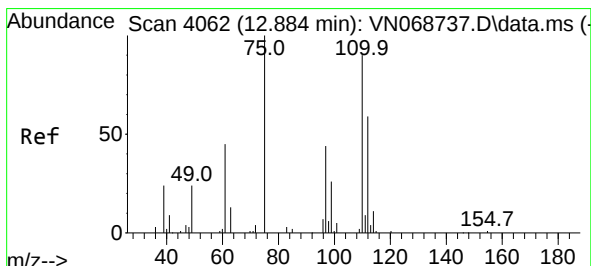
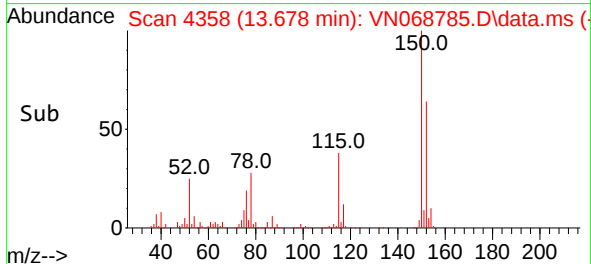
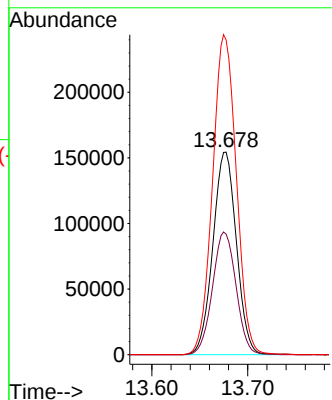
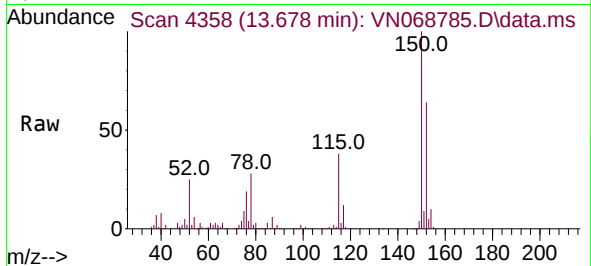




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

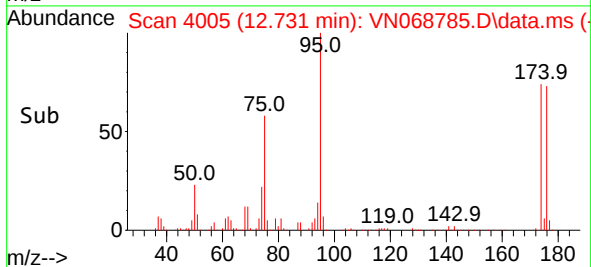
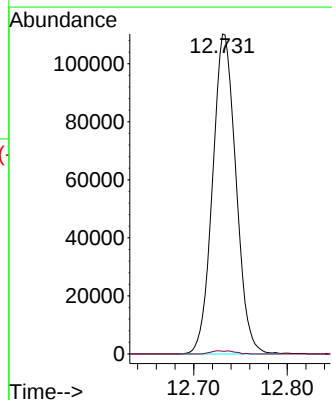
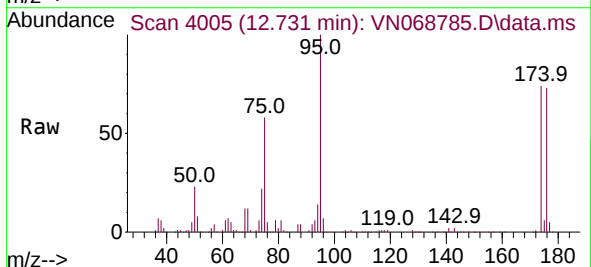
Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

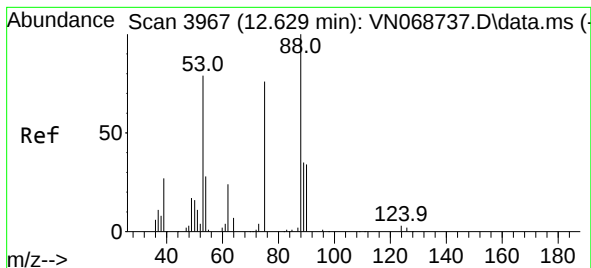
Tgt Ion:152 Resp: 262911
Ion Ratio Lower Upper
152 100
115 60.6 36.1 108.5
150 159.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.832 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.153 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion: 75 Resp: 191964
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#

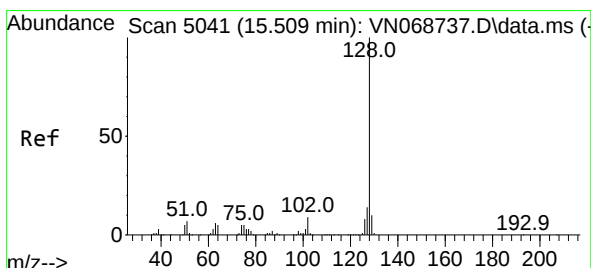
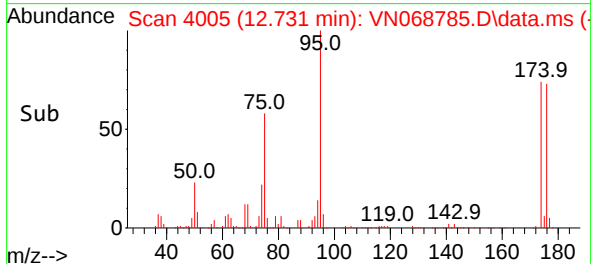
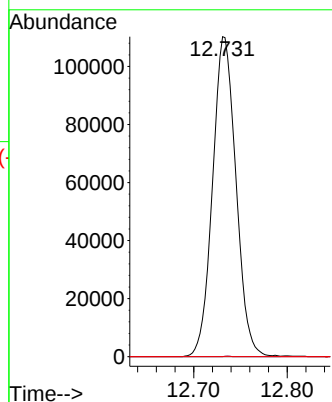
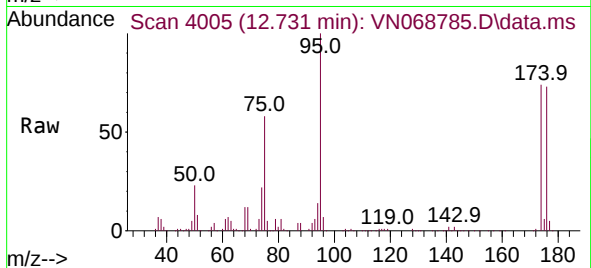




#81
trans-1,4-Dichloro-2-butene
Concen: 95.442 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.102 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Instrument :
MSVOA_N
ClientSampleId :
TB05-20210921

Tgt Ion: 75 Resp: 191964
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#95
Naphthalene
Concen: 1.498 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.002 min
Lab File: VN068785.D
Acq: 1 Oct 2021 16:02

Tgt Ion:128 Resp: 652
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

