

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075327.D
 Acq On : 18 Nov 2022 21:04
 Operator : JC\MD
 Sample : N5669-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 05:14:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

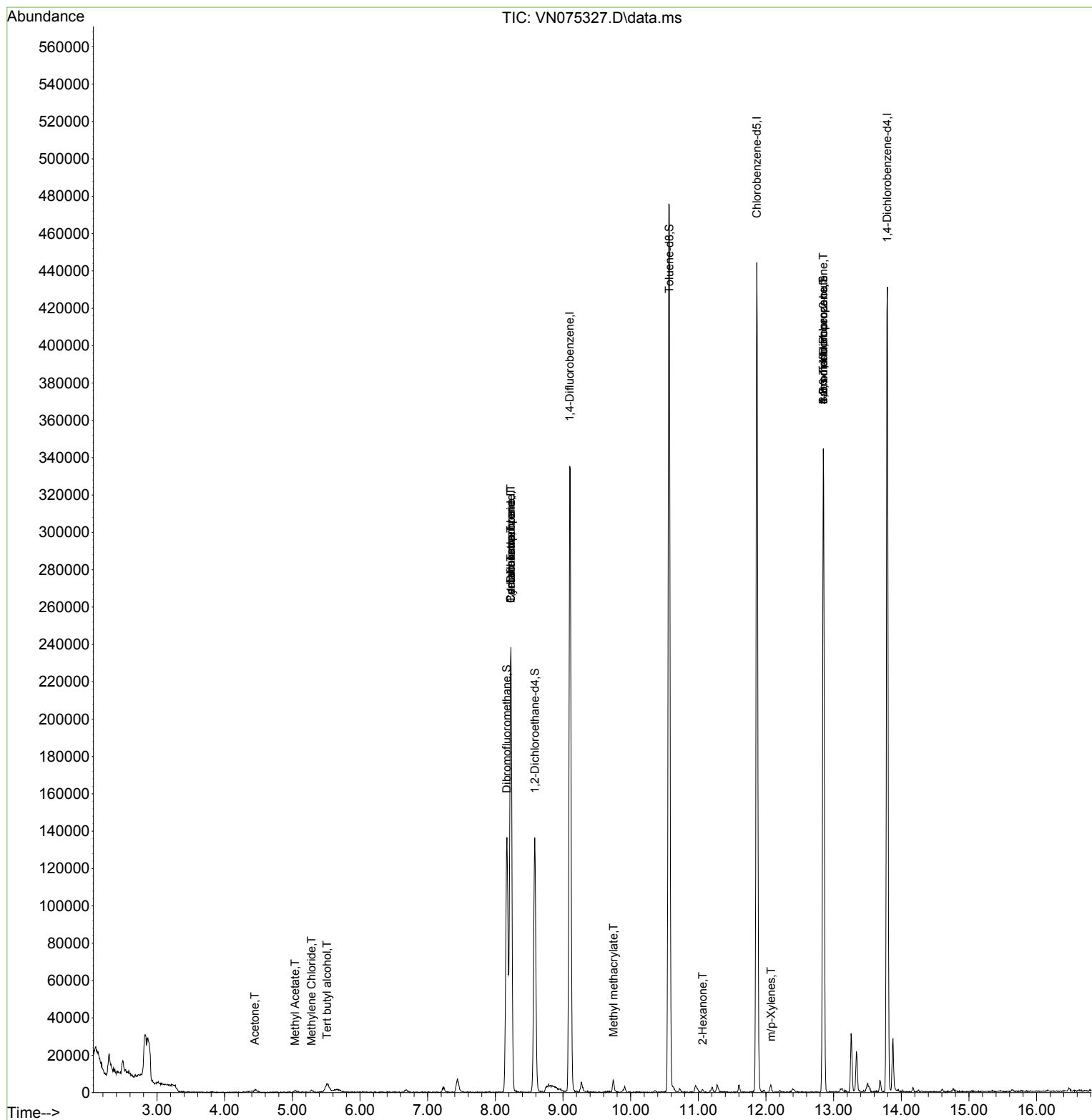
Internal Standards						
1) Pentafluorobenzene	8.230	168	190905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	314636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	108019	41.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.980%
35) Dibromofluoromethane	8.171	113	98700	53.436	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.880%
50) Toluene-d8	10.571	98	355233	49.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	118519	47.081	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.836	94	64	Below Cal	#	5
11) Tert butyl alcohol	5.512	59	3340	5.568	ug/l #	76
16) Acetone	4.448	43	1739	1.597	ug/l #	83
18) Methyl Acetate	5.042	43	1798	0.505	ug/l #	70
20) Methylene Chloride	5.283	84	566	0.233	ug/l #	82
31) Cyclohexane	8.230	56	3410	0.891	ug/l #	18
36) 1,1-Dichloropropene	8.230	75	12805	4.478	ug/l #	49
38) Carbon Tetrachloride	8.230	117	18089	5.751	ug/l #	17
48) Methyl methacrylate	9.747	41	611	0.274	ug/l #	11
59) 2-Hexanone	11.065	43	981	0.412	ug/l	62
68) m/p-Xylenes	12.076	106	1768	0.418	ug/l	93
71) Bromoform	12.847	173	950	0.584	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58826	22.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58826	57.261	ug/l #	10

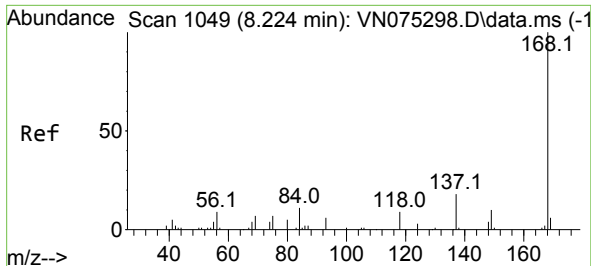
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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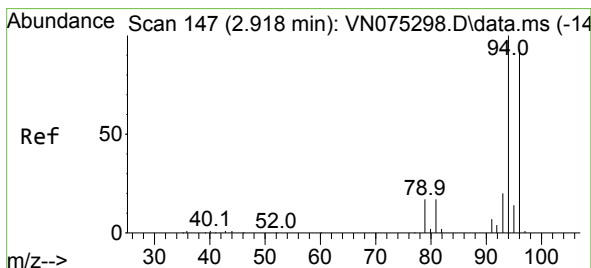
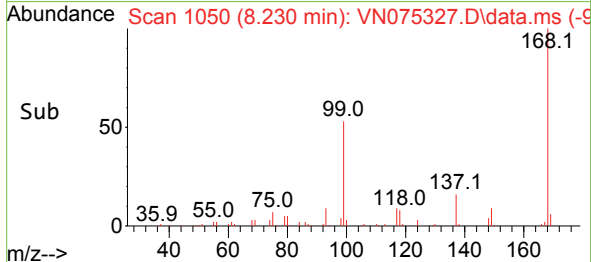
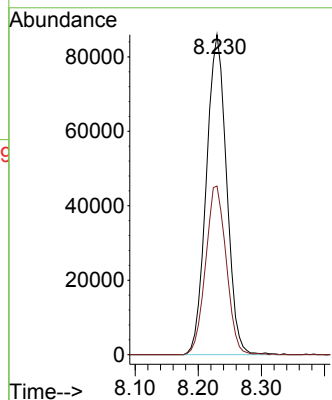
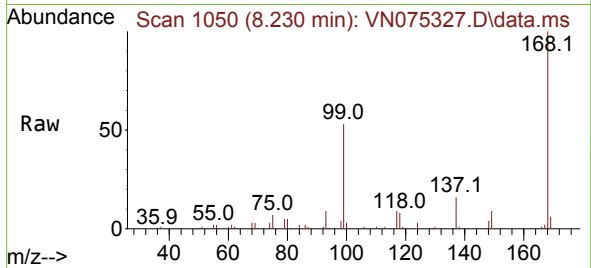




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

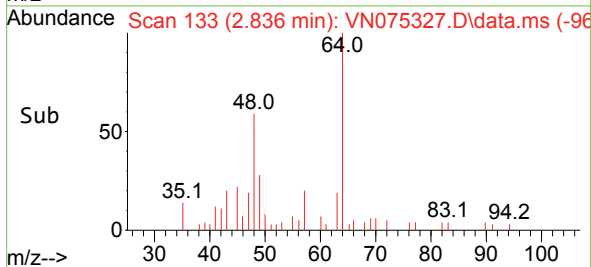
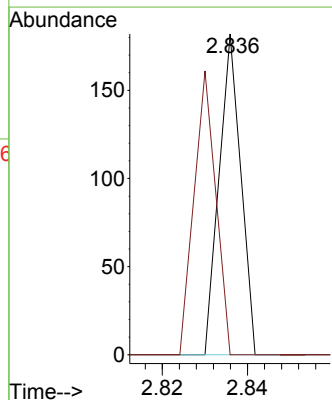
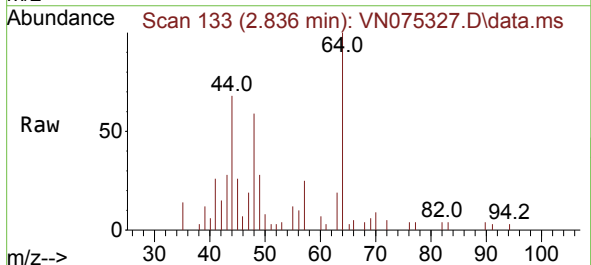
Instrument :
MSVOA_N
ClientSampleId :

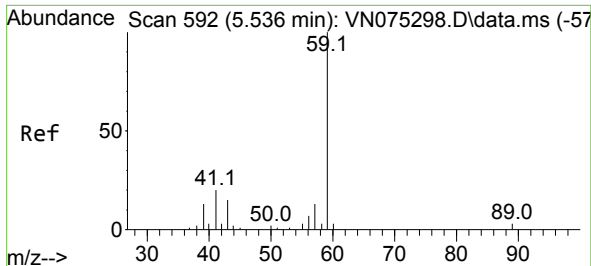
Tgt Ion:168 Resp: 190905
Ion Ratio Lower Upper
168 100
99 52.7 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.836 min Scan# 133
Delta R.T. -0.082 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#





#11

Tert butyl alcohol

Concen: 5.568 ug/l

RT: 5.512 min Scan# 51

Delta R.T. -0.030 min

Lab File: VN075327.D

Acq: 18 Nov 2022 21:04

Instrument :

MSVOA_N

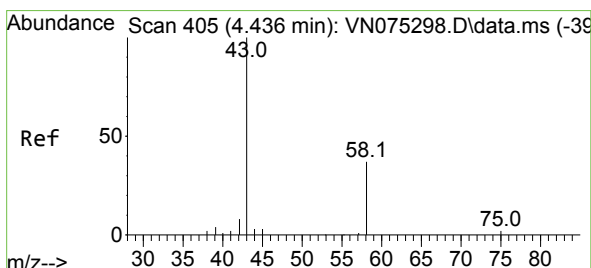
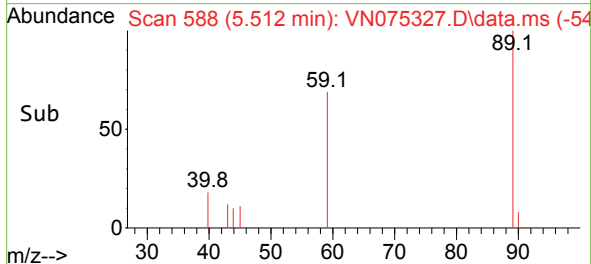
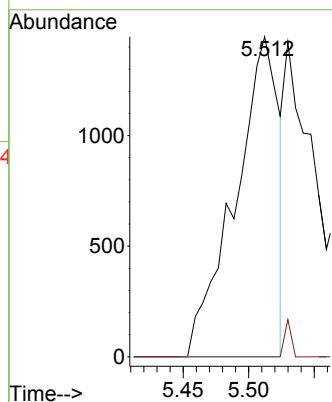
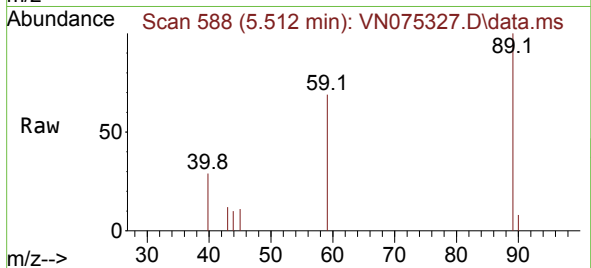
ClientSampleId :

Tgt Ion: 59 Resp: 3340

Ion Ratio Lower Upper

59 100

57 1.8 8.5 12.7#



#16

Acetone

Concen: 1.597 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN075327.D

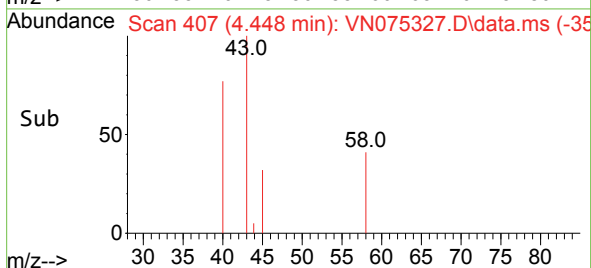
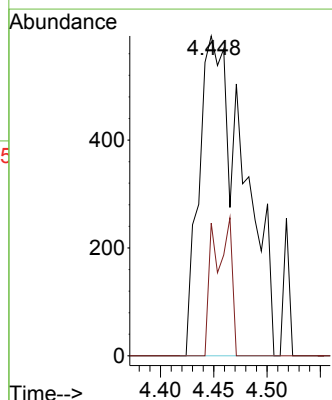
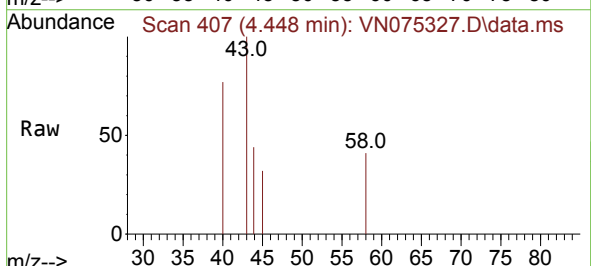
Acq: 18 Nov 2022 21:04

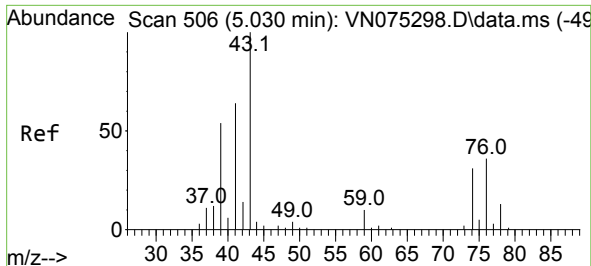
Tgt Ion: 43 Resp: 1739

Ion Ratio Lower Upper

43 100

58 41.5 25.5 38.3#

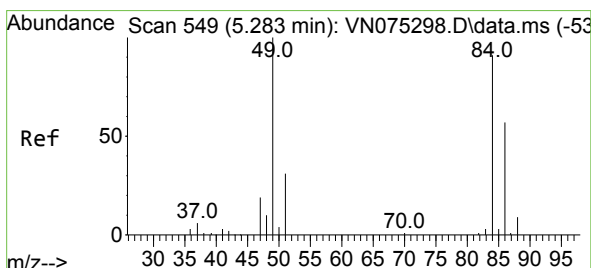
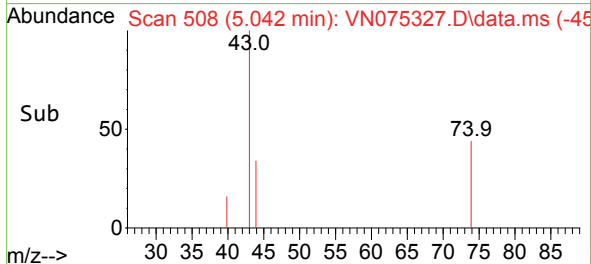
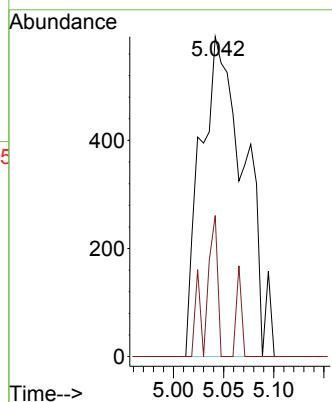
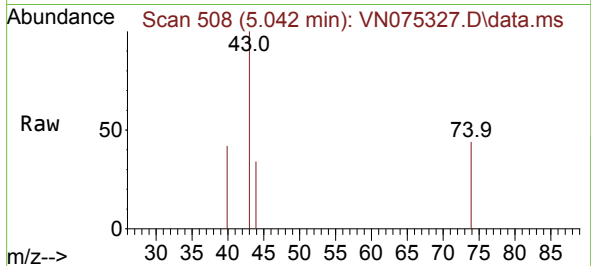




#18
Methyl Acetate
Concen: 0.505 ug/l
RT: 5.042 min Scan# 506
Delta R.T. -0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

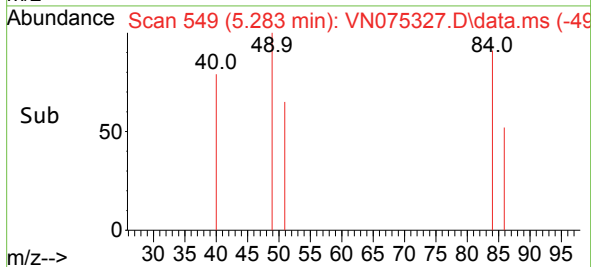
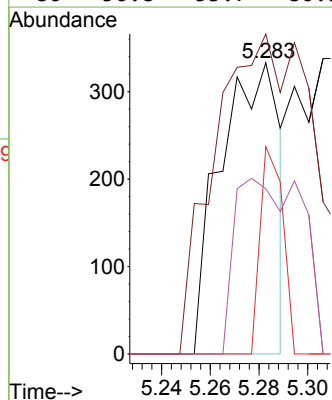
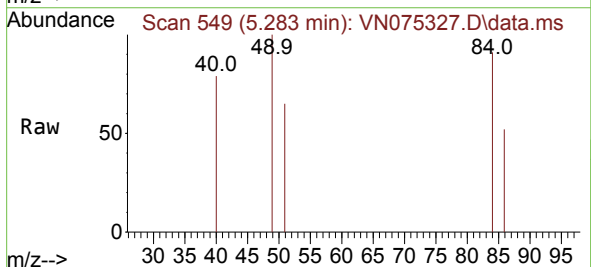
Instrument :
MSVOA_N
ClientSampleId :

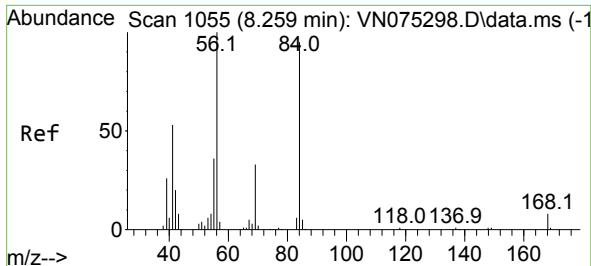
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
74 11.8 22.0 33.0#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

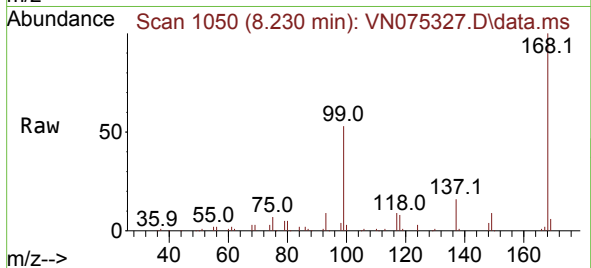
Tgt Ion: 84 Resp: 566
Ion Ratio Lower Upper
84 100
49 109.9 94.9 142.3
51 71.2 26.8 40.2#
86 56.8 53.7 80.5



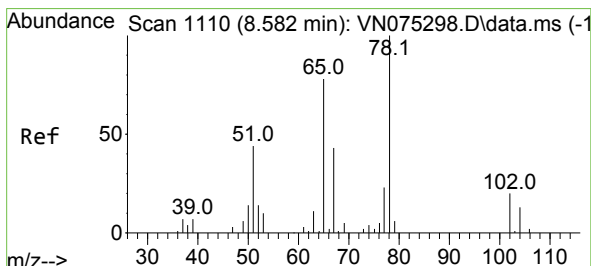
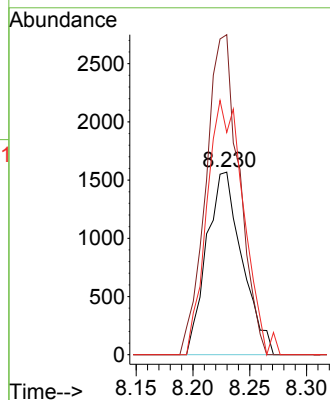
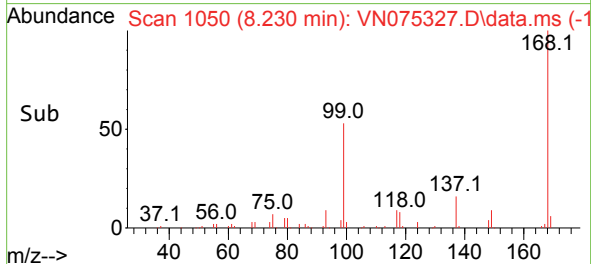


#31
Cyclohexane
Concen: 0.891 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Instrument :
MSVOA_N
ClientSampleId :

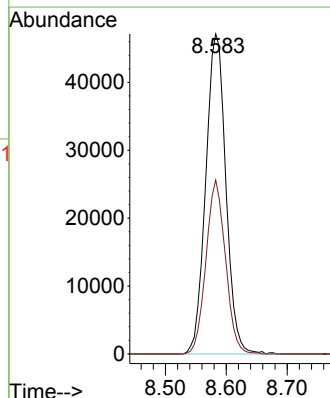
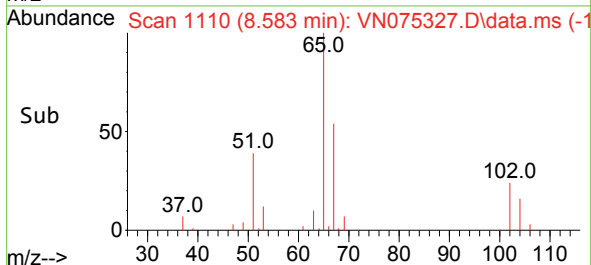
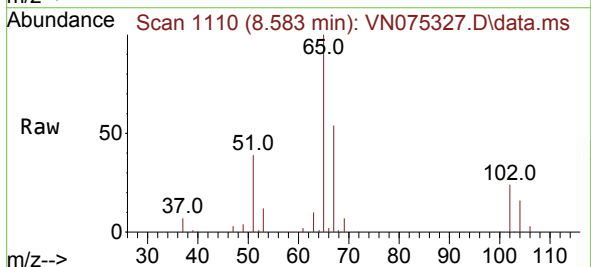


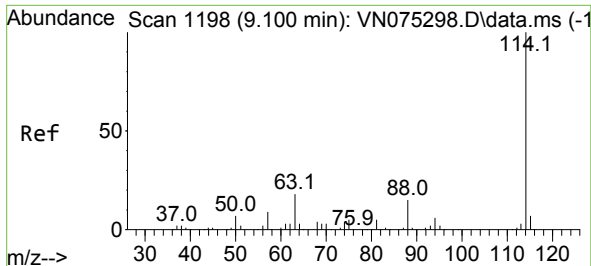
Tgt Ion: 56 Resp: 3410
Ion Ratio Lower Upper
56 100
69 175.2 25.2 37.8#
84 121.7 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 41.995 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion: 65 Resp: 108019
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0

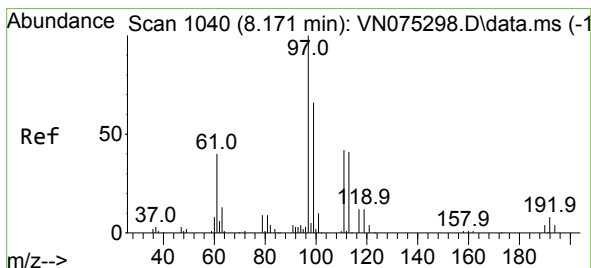
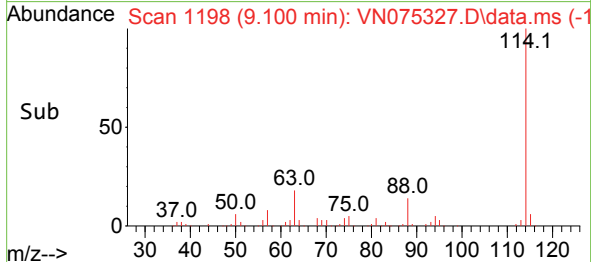
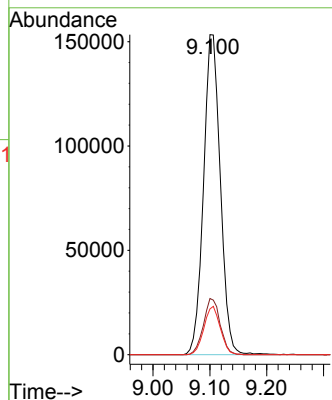
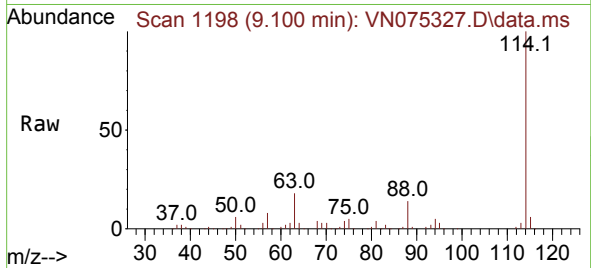




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1198
Delta R.T. -0.006 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

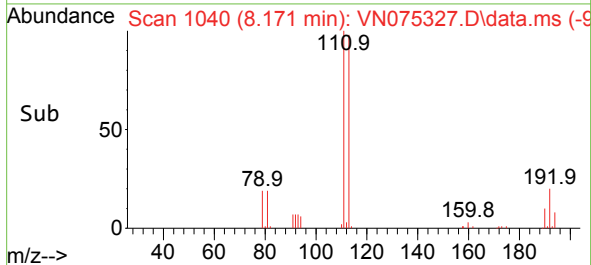
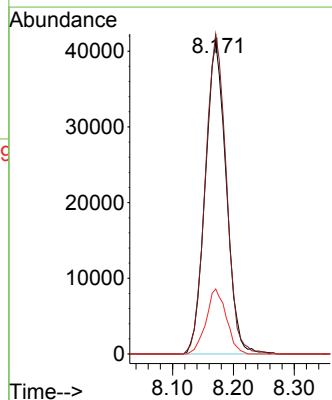
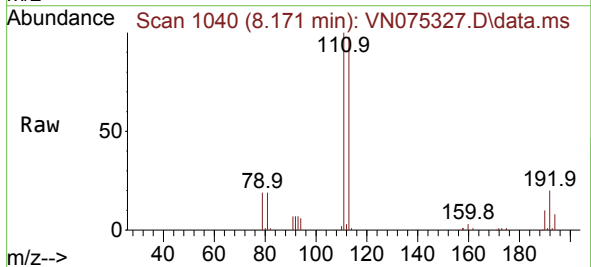
Instrument :
MSVOA_N
ClientSampleId :

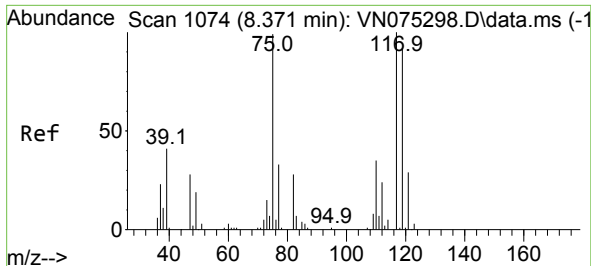
Tgt Ion:114 Resp: 314636
Ion Ratio Lower Upper
114 100
63 17.6 0.0 39.6
88 14.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 53.436 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion:113 Resp: 98700
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 20.1 13.2 19.8#





#36

1,1-Dichloropropene

Concen: 4.478 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

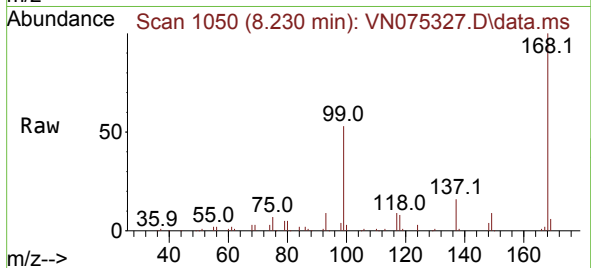
Lab File: VN075327.D

Acq: 18 Nov 2022 21:04

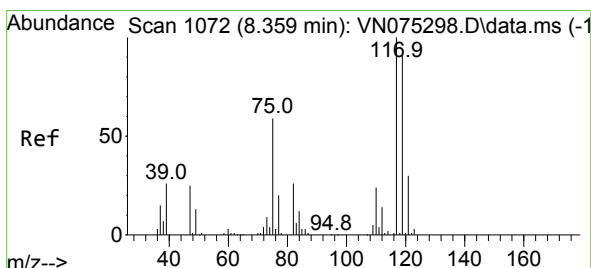
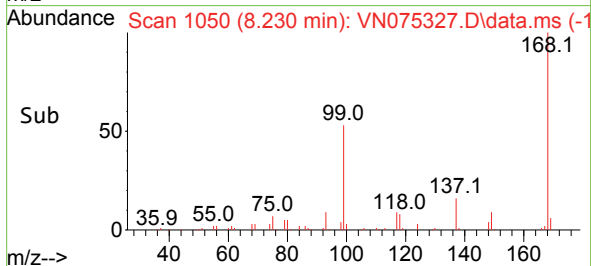
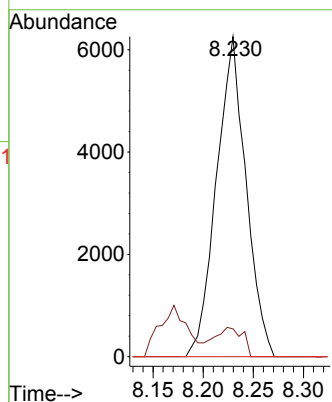
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	12805
Ion Ratio	Lower	Upper	
75	100		
110	8.7	17.8	53.3#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.751 ug/l

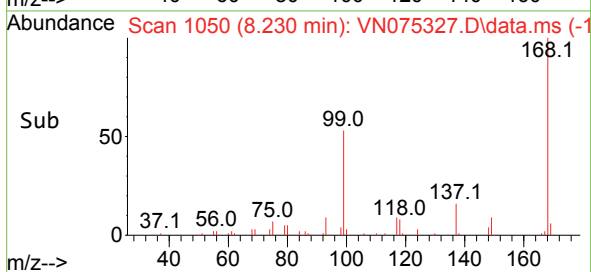
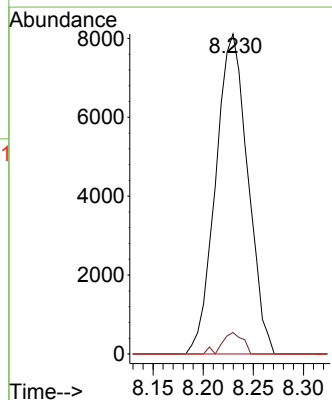
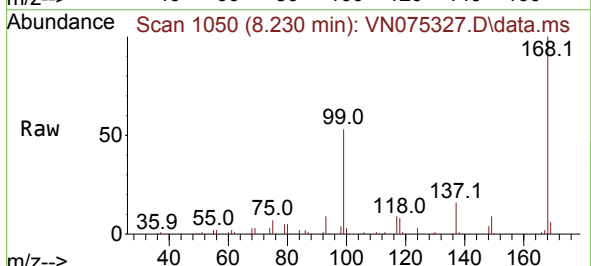
RT: 8.230 min Scan# 1050

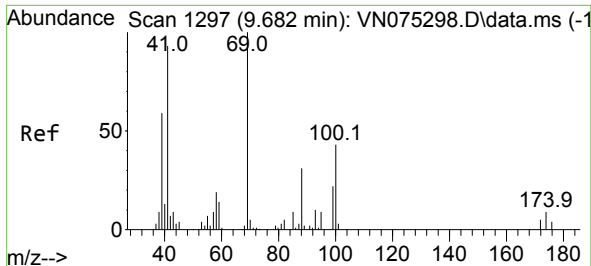
Delta R.T. -0.141 min

Lab File: VN075327.D

Acq: 18 Nov 2022 21:04

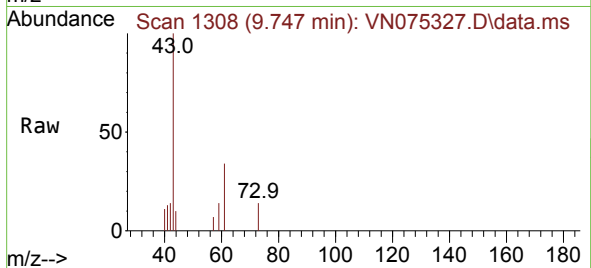
Tgt Ion:	117	Resp:	18089
Ion Ratio	Lower	Upper	
117	100		
119	6.7	76.7	115.1#
121	0.0	23.9	35.9#



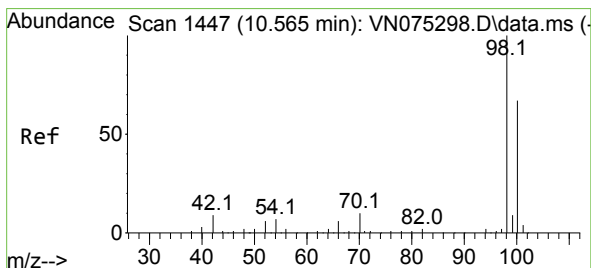
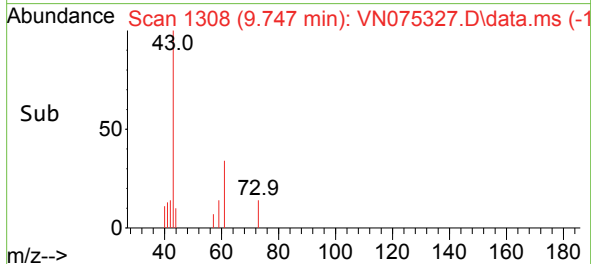
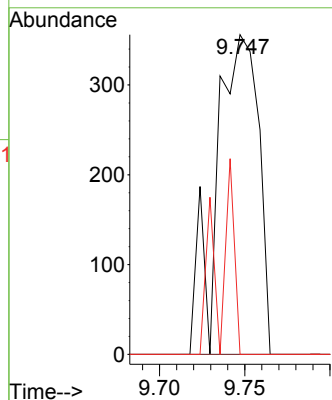


#48
Methyl methacrylate
Concen: 0.274 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Instrument :
MSVOA_N
ClientSampleId :

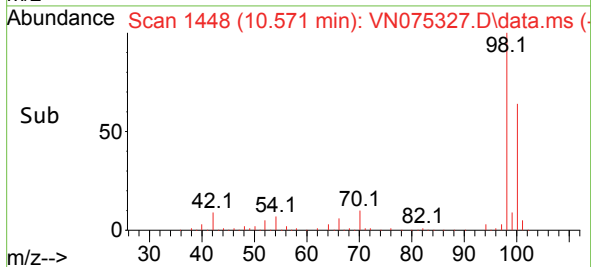
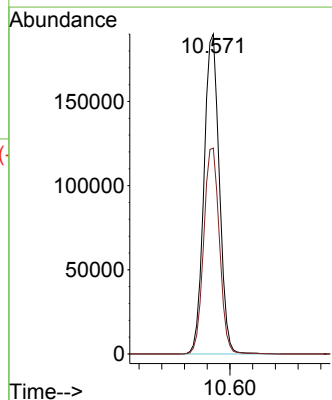
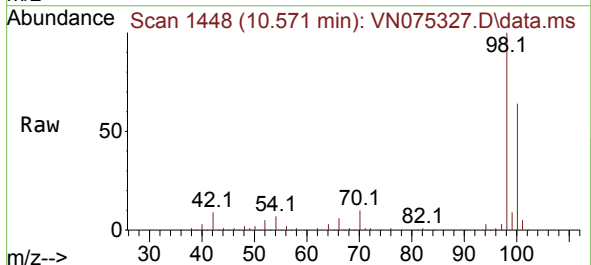


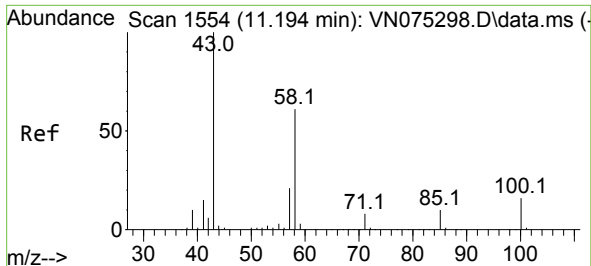
Tgt Ion: 41 Resp: 611
Ion Ratio Lower Upper
41 100
69 0.0 80.2 120.2#
39 10.1 56.2 84.2#



#50
Toluene-d8
Concen: 49.571 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion: 98 Resp: 355233
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

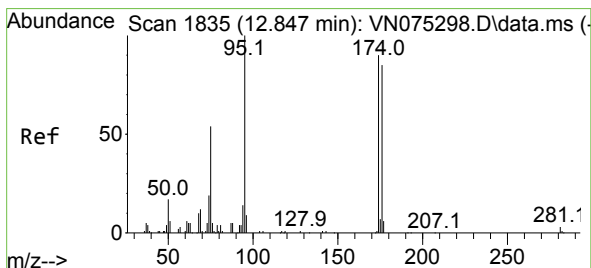
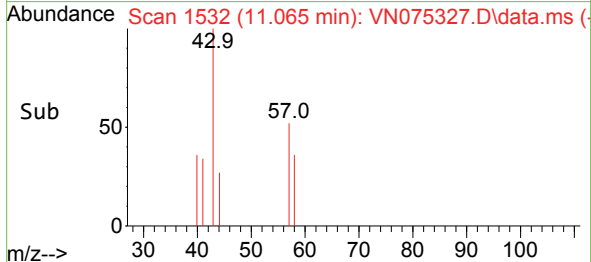
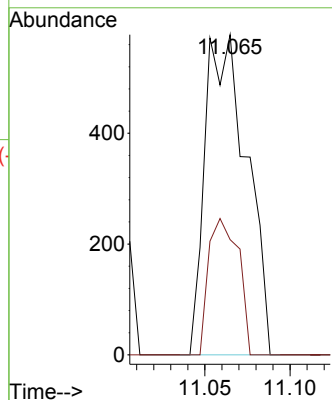
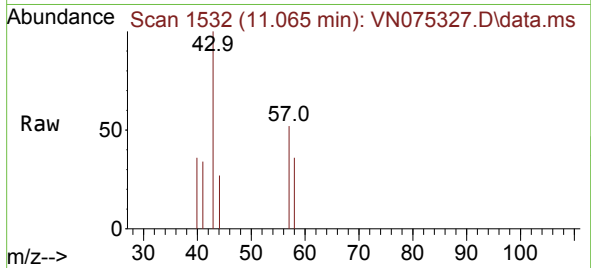




#59
2-Hexanone
Concen: 0.412 ug/l
RT: 11.065 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

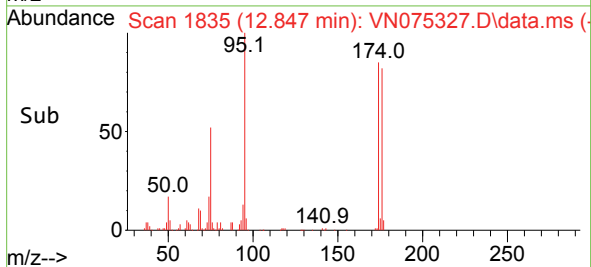
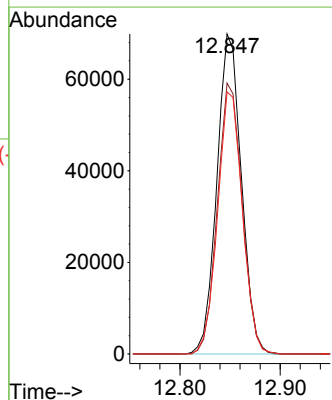
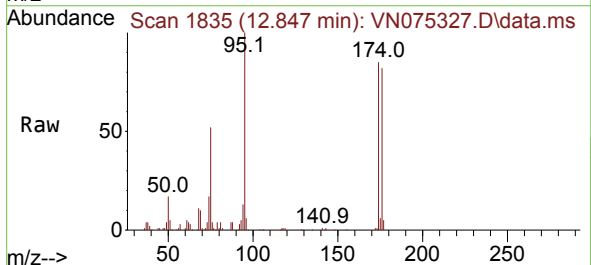
Instrument :
MSVOA_N
ClientSampleId :

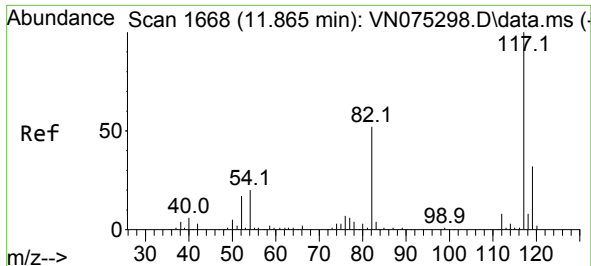
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 30.6 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion: 95 Resp: 118519
Ion Ratio Lower Upper
95 100
174 85.7 0.0 147.4
176 82.7 0.0 142.2

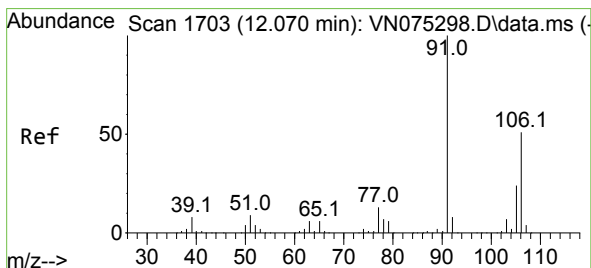
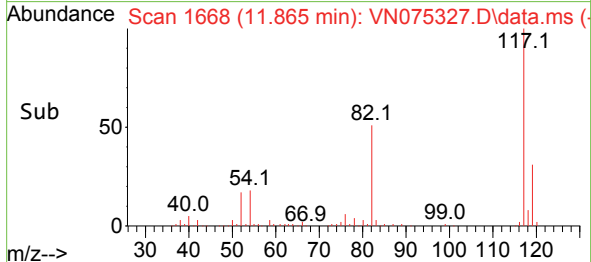
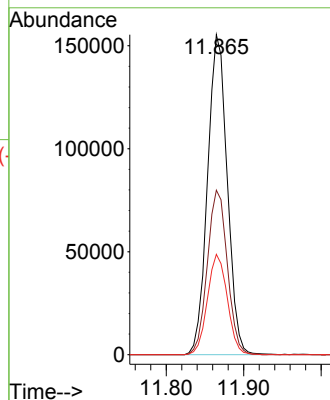
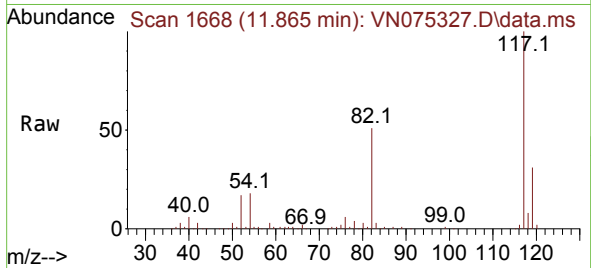




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

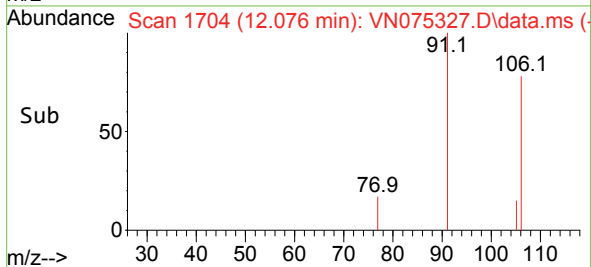
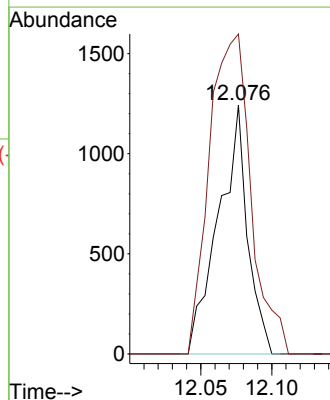
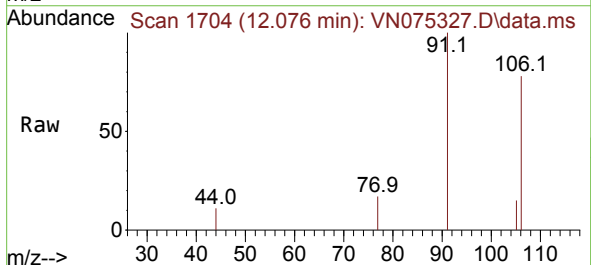
Instrument :
MSVOA_N
ClientSampleId :

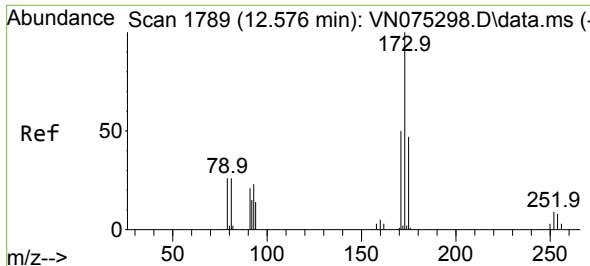
Tgt Ion:117 Resp: 274203
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 0.418 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

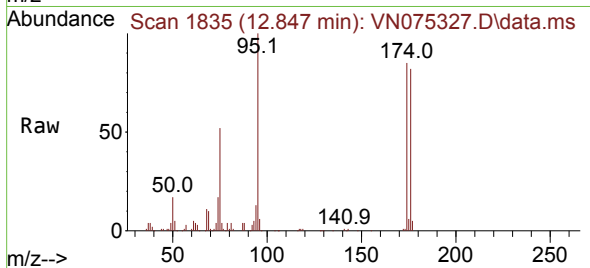
Tgt Ion:106 Resp: 1768
Ion Ratio Lower Upper
106 100
91 183.8 156.0 234.0



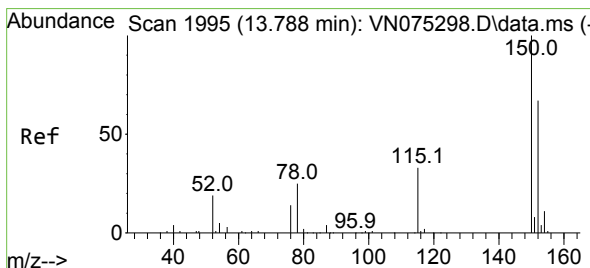
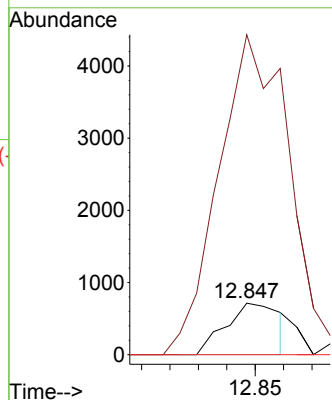
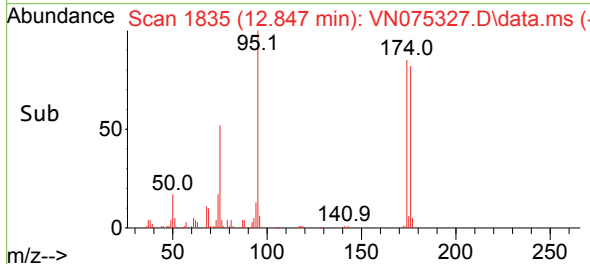


#71
Bromoform
Concen: 0.584 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Instrument :
MSVOA_N
ClientSampleId :

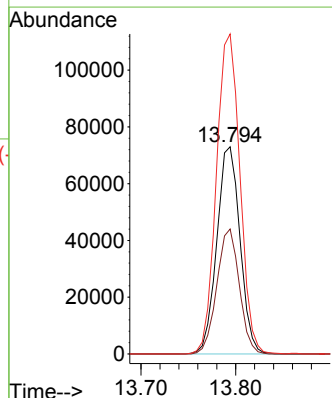
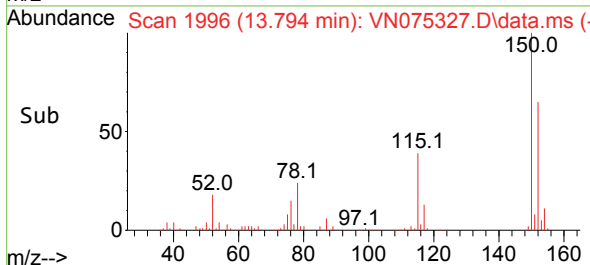
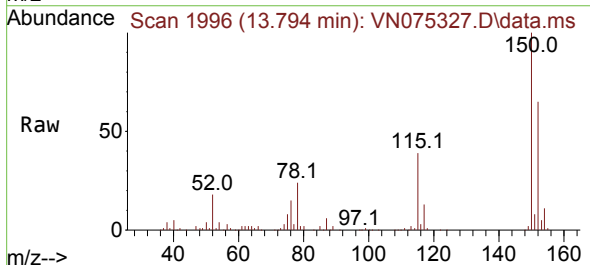


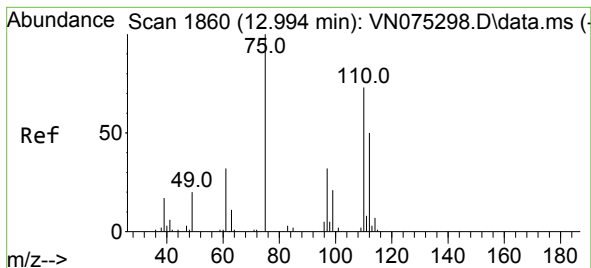
Tgt Ion:173 Resp: 950
Ion Ratio Lower Upper
173 100
175 548.4 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075327.D
Acq: 18 Nov 2022 21:04

Tgt Ion:152 Resp: 124203
Ion Ratio Lower Upper
152 100
115 58.5 30.2 90.6
150 156.8 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 22.307 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

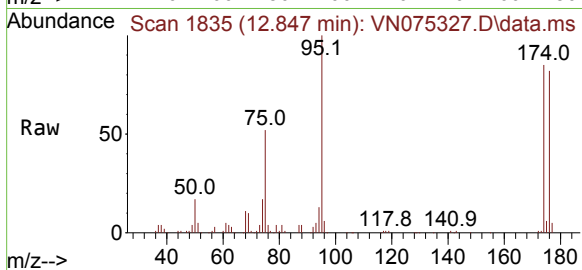
Lab File: VN075327.D

Acq: 18 Nov 2022 21:04

Instrument :

MSVOA_N

ClientSampleId :

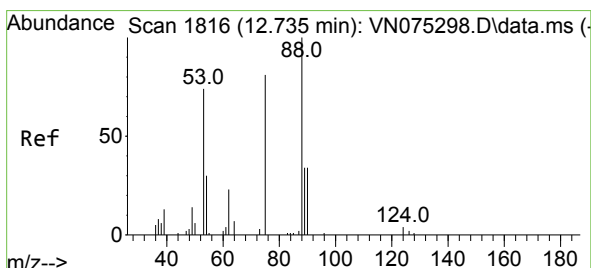
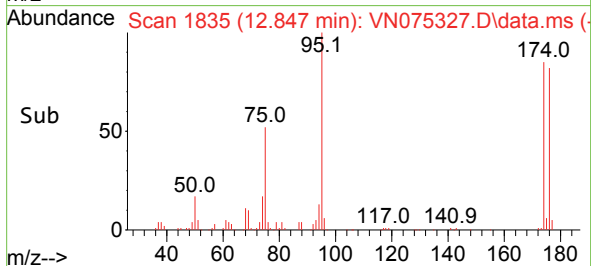
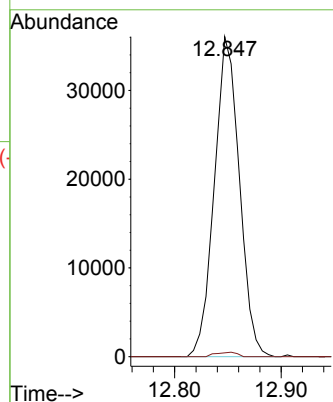


Tgt Ion: 75 Resp: 58826

Ion Ratio Lower Upper

75 100

77 1.2 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.261 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075327.D

Acq: 18 Nov 2022 21:04

Tgt Ion: 75 Resp: 58826

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#

