

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080322\
 Data File : VN073716.D
 Acq On : 03 Aug 2022 17:03
 Operator : JC\MD
 Sample : N3972-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-8

Quant Time: Aug 04 05:36:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	347332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	561406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	530719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	267235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210143	49.646	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.300%
35) Dibromofluoromethane	7.957	113	193161	54.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.580%
50) Toluene-d8	10.380	98	644327	46.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.900%
62) 4-Bromofluorobenzene	12.674	95	247676	52.854	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1320	Below Cal		93
6) Chloroethane	2.693	64	22244	4.539	ug/l #	49
11) Tert butyl alcohol	5.293	59	4987	5.463	ug/l #	72
13) Acrolein	4.163	56	409	0.452	ug/l #	70
14) Allyl chloride	4.716	41	1909	0.362	ug/l #	30
15) Acrylonitrile	5.528	53	1241	0.491	ug/l #	32
16) Acetone	4.234	43	45693	20.098	ug/l	100
18) Methyl Acetate	4.798	43	1644	0.291	ug/l #	48
20) Methylene Chloride	5.004	84	1405	Below Cal	#	59
25) 2-Butanone	7.287	43	3456	0.979	ug/l #	82
29) Tetrahydrofuran	7.622	42	8274	3.707	ug/l	99
31) Cyclohexane	8.022	56	25028	3.972	ug/l #	70
36) 1,1-Dichloropropene	8.022	75	25521	5.079	ug/l #	46
37) Ethyl Acetate	7.345	43	33195	5.017	ug/l	97
38) Carbon Tetrachloride	8.010	117	32181	6.306	ug/l #	17
39) Methylcyclohexane	9.392	83	6409	1.067	ug/l	90
40) Benzene	8.392	78	69922	4.286	ug/l	99
41) Methacrylonitrile	7.616	41	5202	1.737	ug/l #	40
48) Methyl methacrylate	9.475	41	1863	0.476	ug/l #	33
51) 4-Methyl-2-Pentanone	10.269	43	2966	0.463	ug/l #	72
52) Toluene	10.445	92	8046	0.807	ug/l	100
55) 1,1,2-Trichloroethane	10.733	97	2669	0.642	ug/l #	16
56) Ethyl methacrylate	10.492	69	1535	0.268	ug/l #	45
58) 2-Chloroethyl Vinyl ether	9.910	63	186	10.001	ug/l #	44
59) 2-Hexanone	11.028	43	1754	0.361	ug/l	63
67) Ethyl Benzene	11.786	91	56300	2.960	ug/l	98
68) m/p-Xylenes	11.898	106	14092	1.943	ug/l	97
69) o-Xylene	12.222	106	12912	1.826	ug/l	99
73) Isopropylbenzene	12.522	105	59270	3.030	ug/l	99
76) 1,2,3-Trichloropropane	12.674	75	126464	24.167	ug/l #	1
78) n-propylbenzene	12.863	91	145009	6.588	ug/l	97
79) 2-Chlorotoluene	12.957	91	5716	0.416	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	6924	0.430	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.498	75	5331	2.585	ug/l #	10
82) 4-Chlorotoluene	12.957	91	5716	0.439	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.310	105	7149	0.452	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration

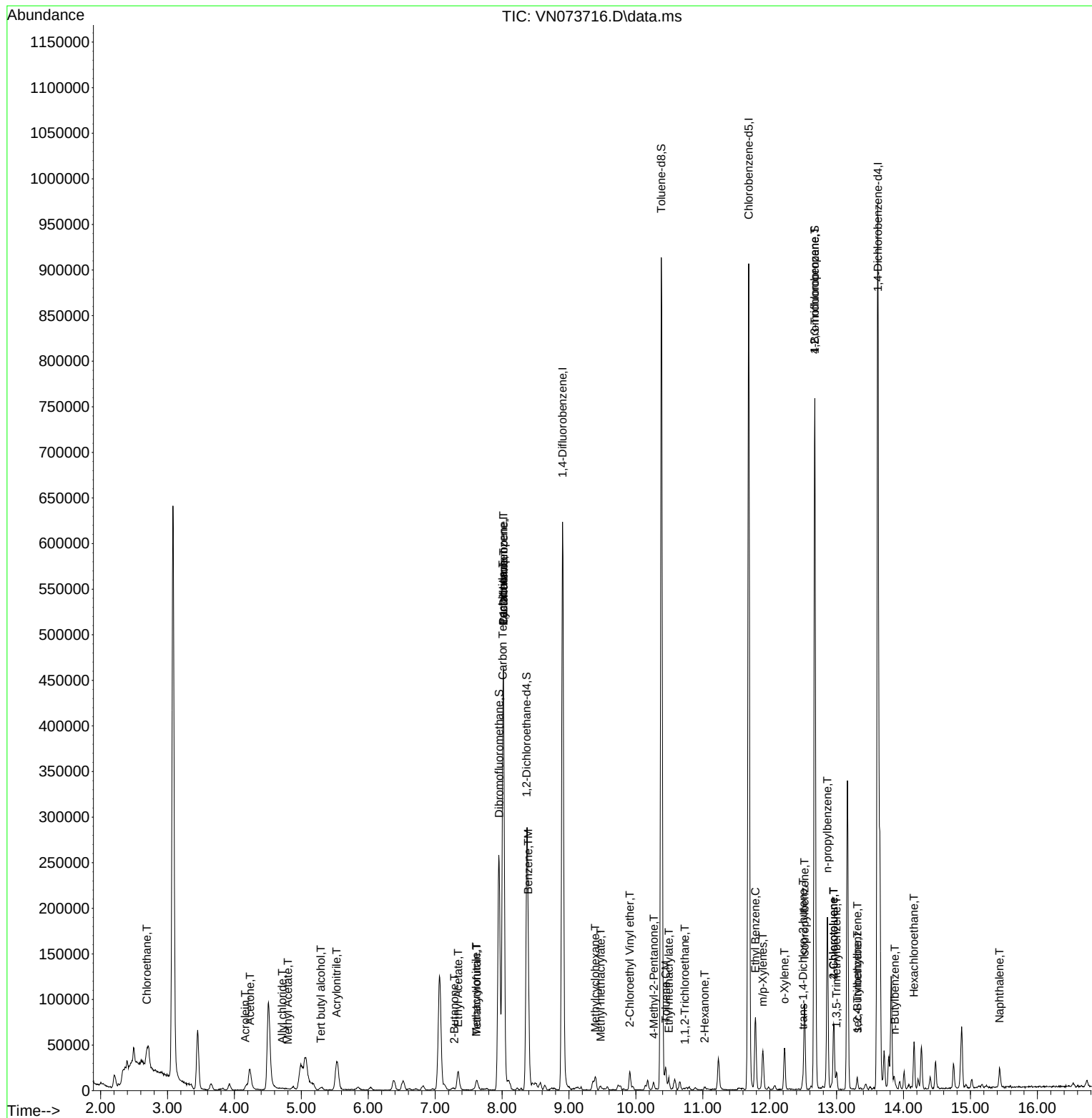
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.310	105	7149	0.363	ug/l #	56
89) n-Butylbenzene	13.868	91	3081	0.244	ug/l #	12
90) Hexachloroethane	14.157	117	3401	1.103	ug/l #	9
95) Naphthalene	15.433	128	19191	1.264	ug/l	97

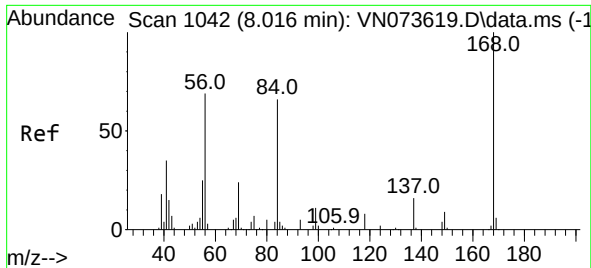
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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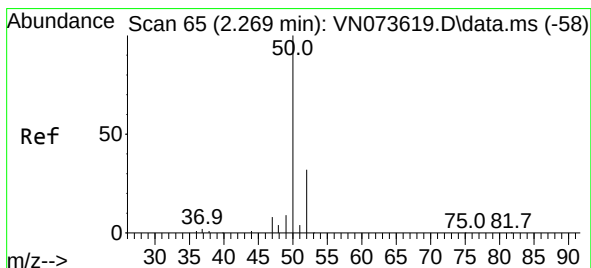
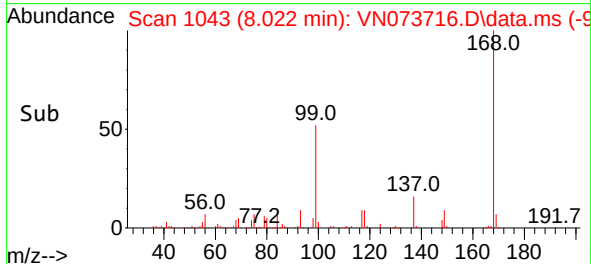
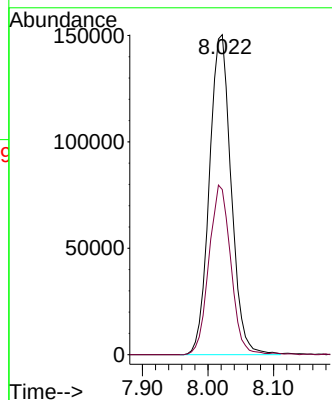
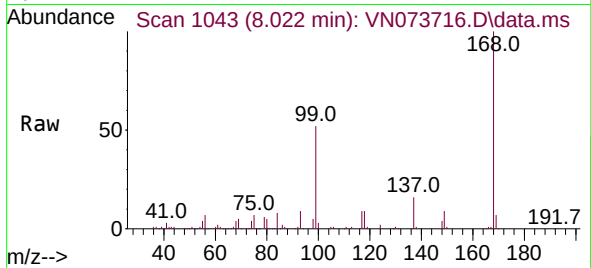




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

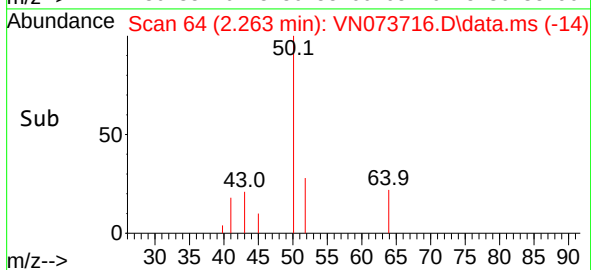
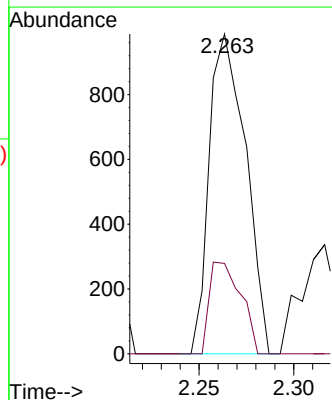
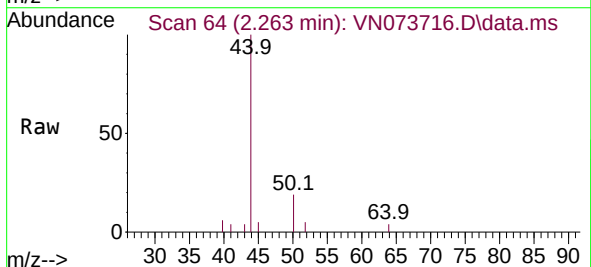
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

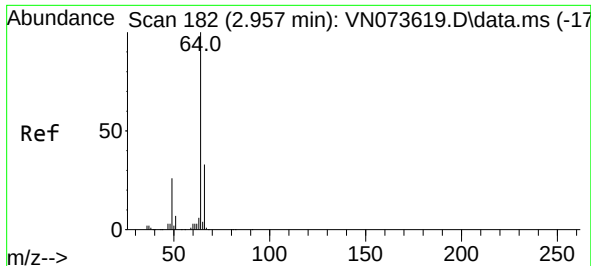
Tgt Ion:168 Resp: 347332
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 50 Resp: 1320
Ion Ratio Lower Upper
50 100
52 28.3 25.7 38.5

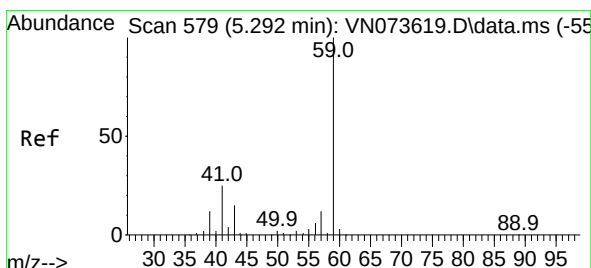
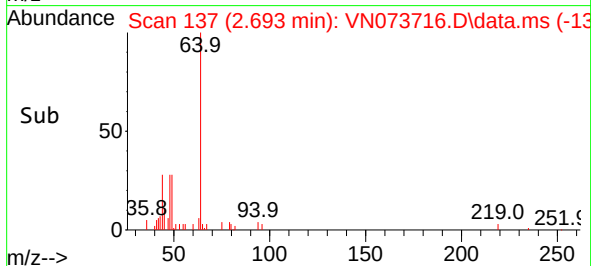
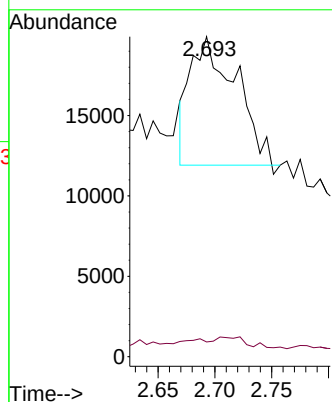
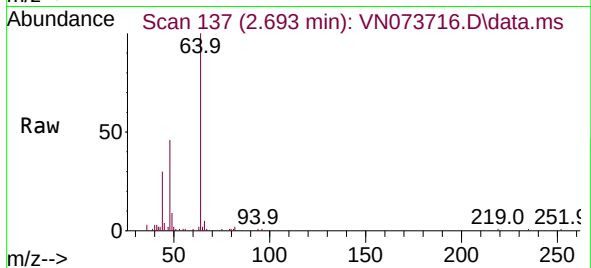




#6
Chloroethane
Concen: 4.539 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.264 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

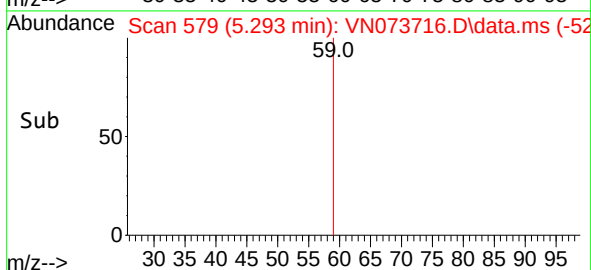
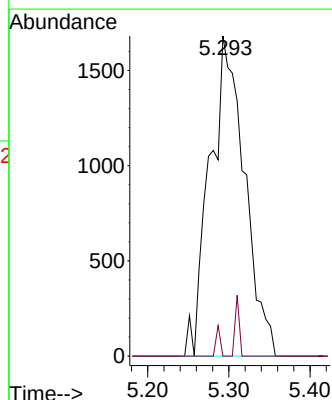
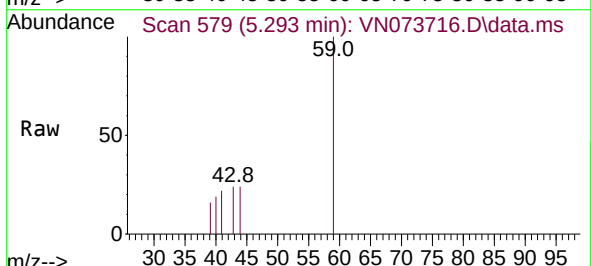
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

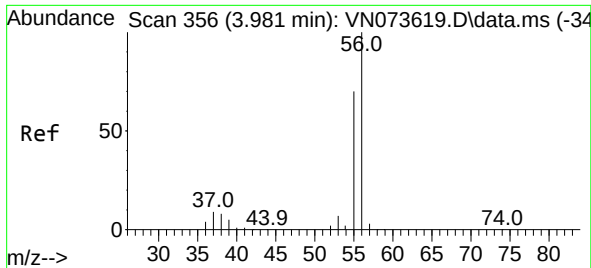
Tgt Ion: 64 Resp: 22244
Ion Ratio Lower Upper
64 100
66 4.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 5.463 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.001 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 59 Resp: 4987
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 0.452 ug/l

RT: 4.163 min Scan# 356

Delta R.T. 0.182 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

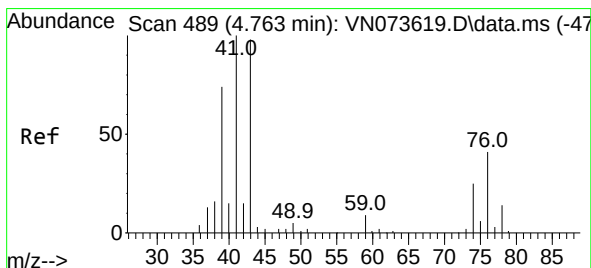
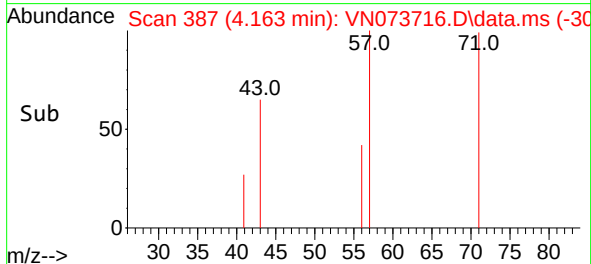
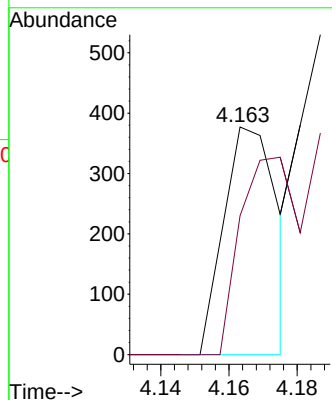
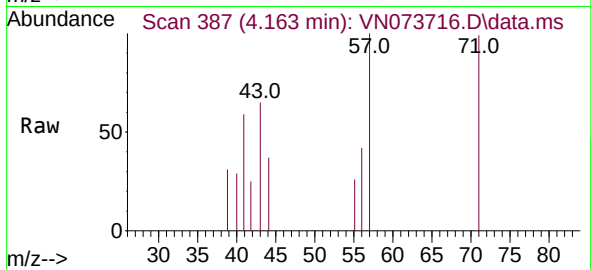
SPN-8

Tgt Ion: 56 Resp: 409

Ion Ratio Lower Upper

56 100

55 93.2 54.8 82.2#



#14

Allyl chloride

Concen: 0.362 ug/l

RT: 4.716 min Scan# 481

Delta R.T. -0.047 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

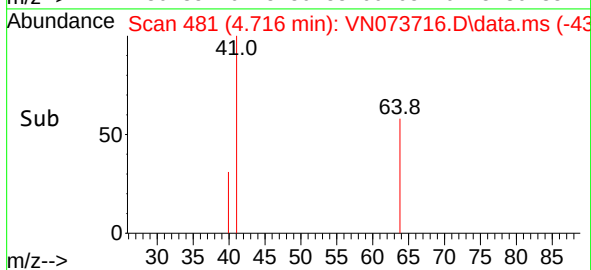
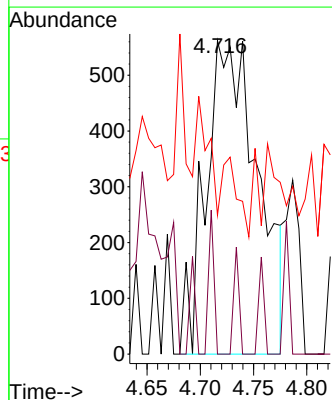
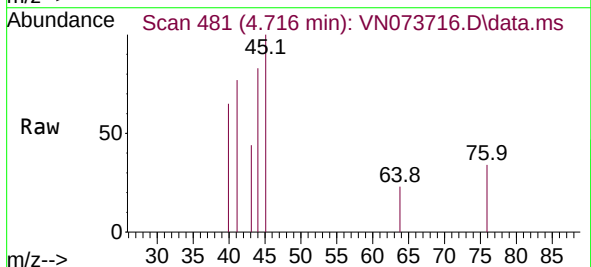
Tgt Ion: 41 Resp: 1909

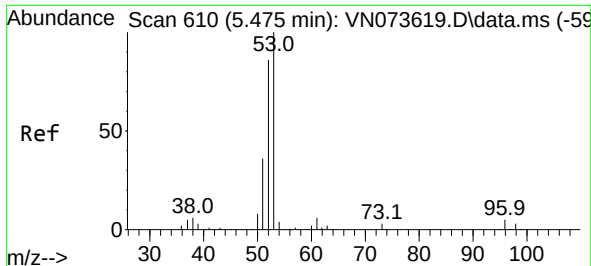
Ion Ratio Lower Upper

41 100

39 0.0 53.2 79.8#

76 9.8 29.9 44.9#

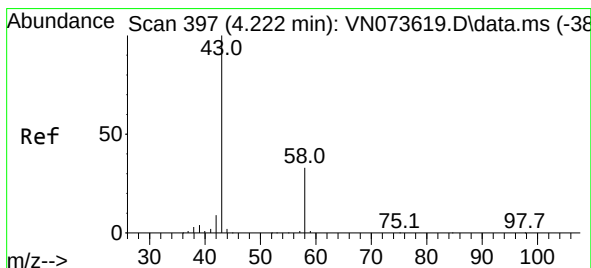
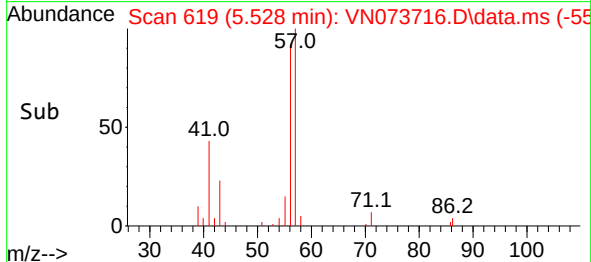
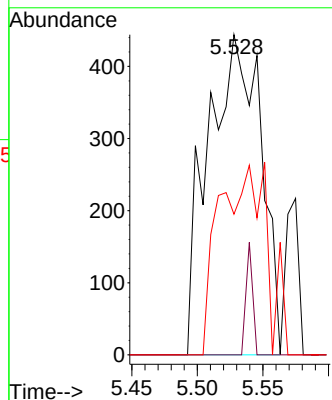
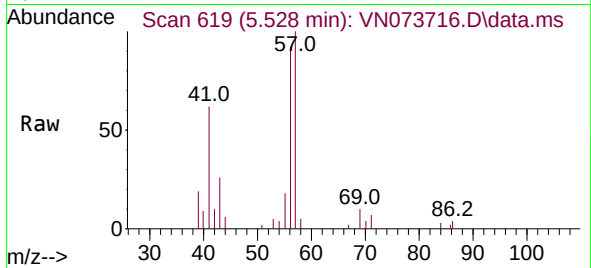




#15
Acrylonitrile
Concen: 0.491 ug/l
RT: 5.528 min Scan# 610
Delta R.T. 0.053 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

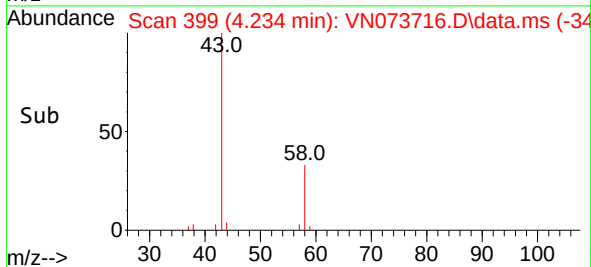
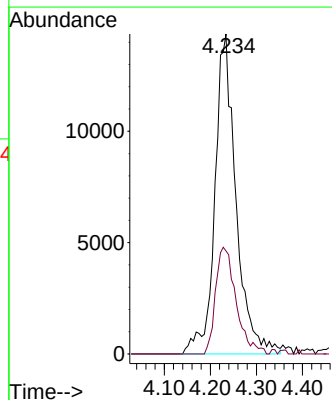
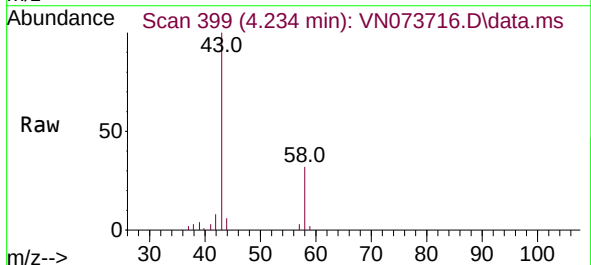
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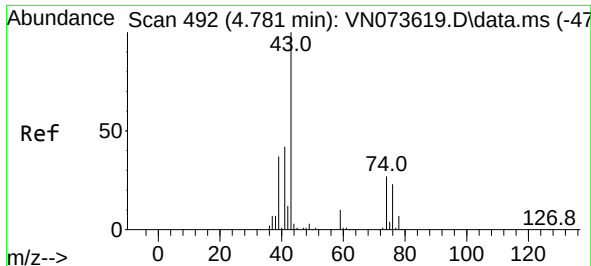
Tgt Ion: 53 Resp: 1241
Ion Ratio Lower Upper
53 100
52 4.4 66.4 99.6#
51 23.0 28.5 42.7#



#16
Acetone
Concen: 20.098 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 43 Resp: 45693
Ion Ratio Lower Upper
43 100
58 32.2 26.0 39.0





#18

Methyl Acetate

Concen: 0.291 ug/l

RT: 4.798 min Scan# 49

Delta R.T. 0.018 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

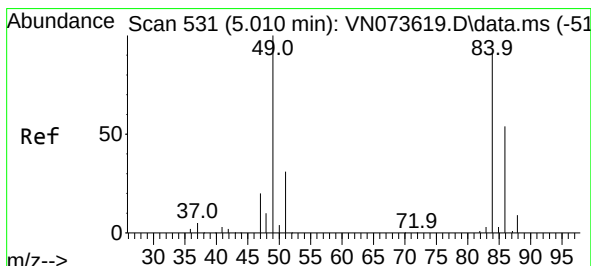
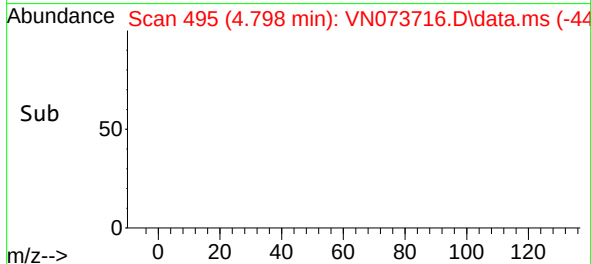
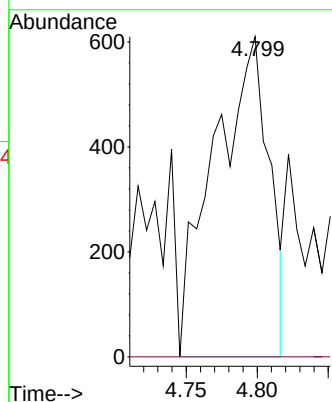
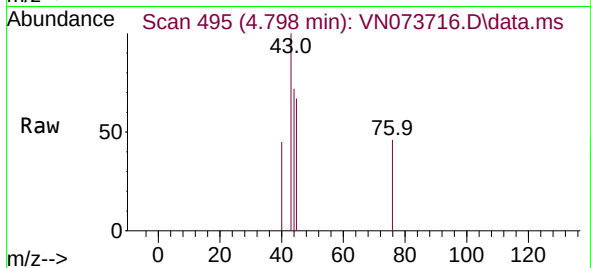
SPN-8

Tgt Ion: 43 Resp: 1644

Ion Ratio Lower Upper

43 100

74 0.0 21.6 32.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Tgt Ion: 84 Resp: 1405

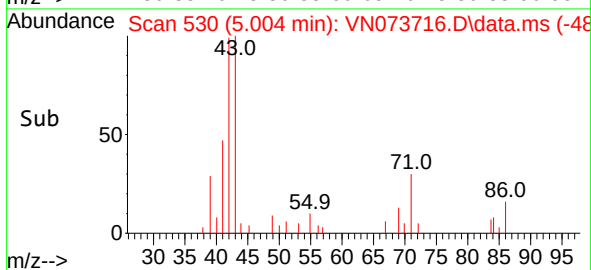
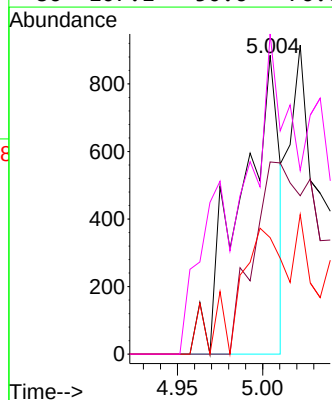
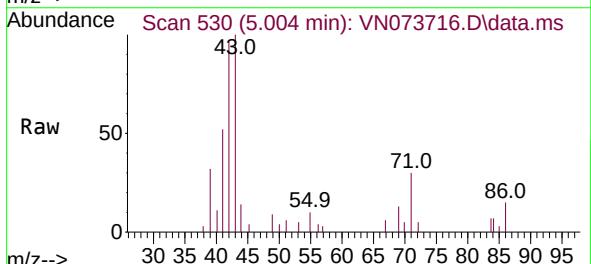
Ion Ratio Lower Upper

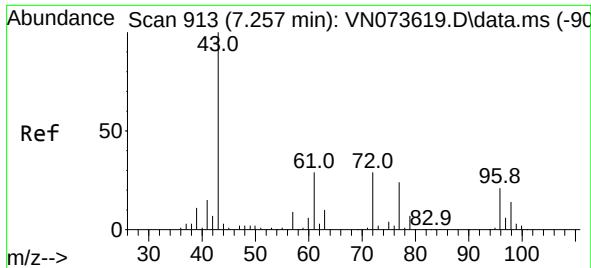
84 100

49 64.3 88.3 132.5#

51 39.0 28.2 42.2

86 107.1 50.6 76.0#

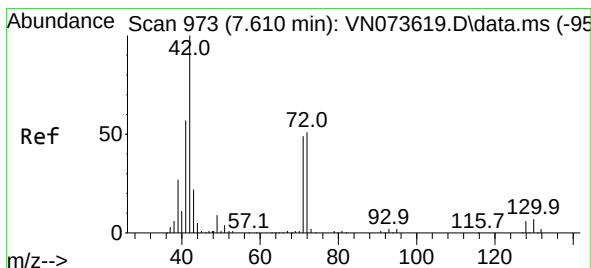
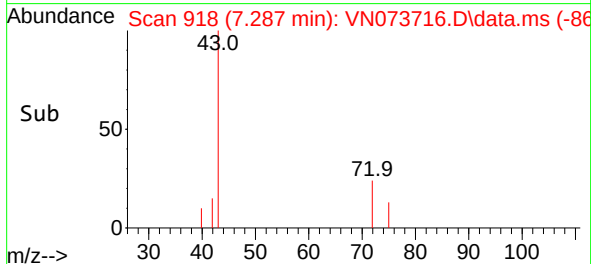
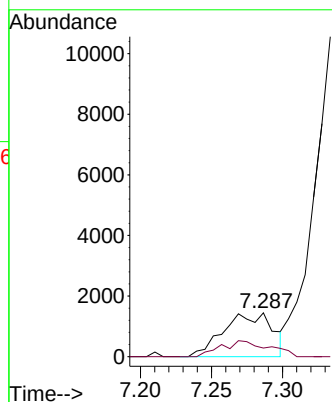
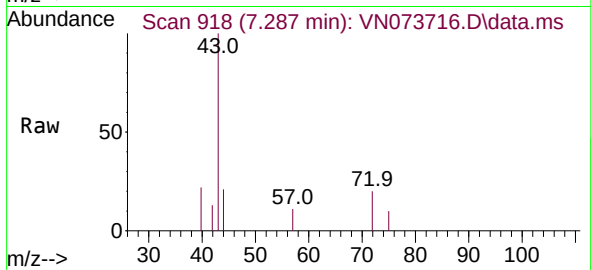




#25
2-Butanone
Concen: 0.979 ug/l
RT: 7.287 min Scan# 913
Delta R.T. 0.030 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

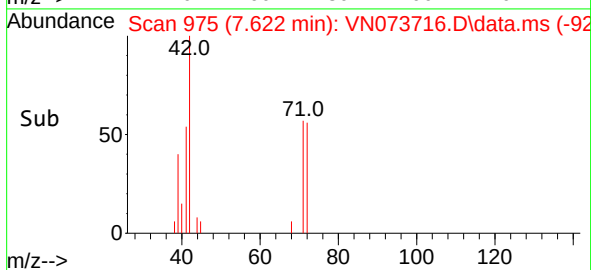
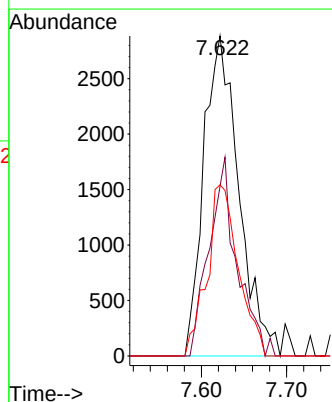
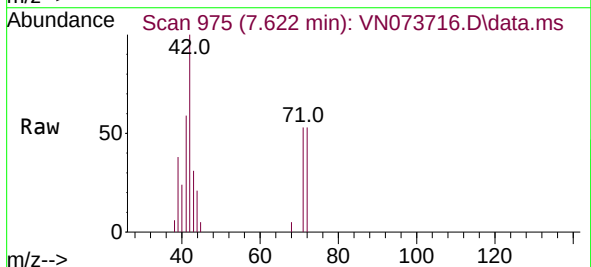
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SPN-8

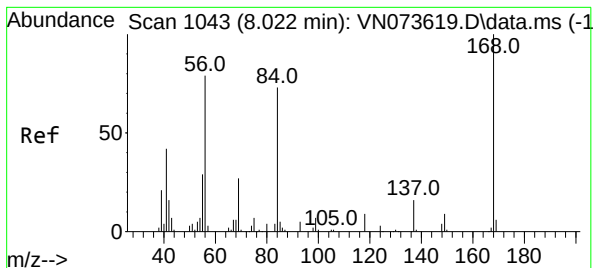
Tgt Ion: 43 Resp: 3456
Ion Ratio Lower Upper
43 100
72 19.7 23.7 35.5#



#29
Tetrahydrofuran
Concen: 3.707 ug/l
RT: 7.622 min Scan# 975
Delta R.T. 0.012 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 42 Resp: 8274
Ion Ratio Lower Upper
42 100
72 49.6 39.7 59.5
71 47.6 36.6 55.0





#31

Cyclohexane

Concen: 3.972 ug/l

RT: 8.022 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

SPN-8

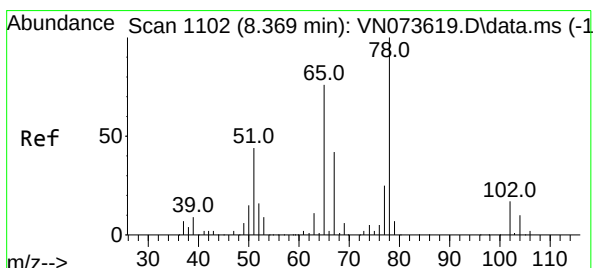
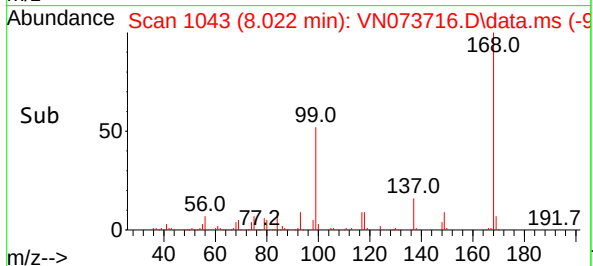
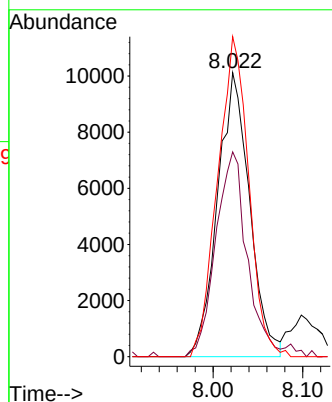
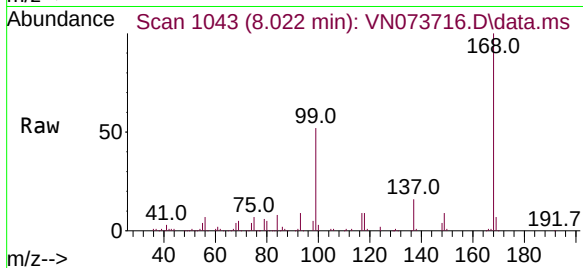
Tgt Ion: 56 Resp: 25028

Ion Ratio Lower Upper

56 100

69 72.1 27.8 41.8#

84 112.7 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 49.646 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073716.D

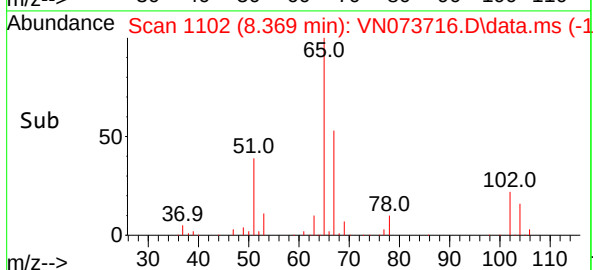
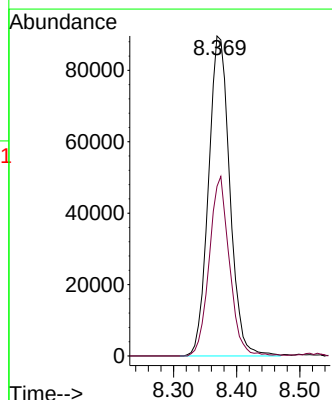
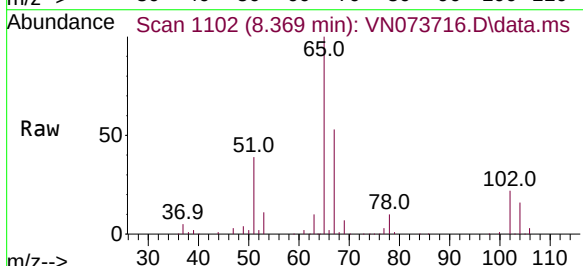
Acq: 03 Aug 2022 17:03

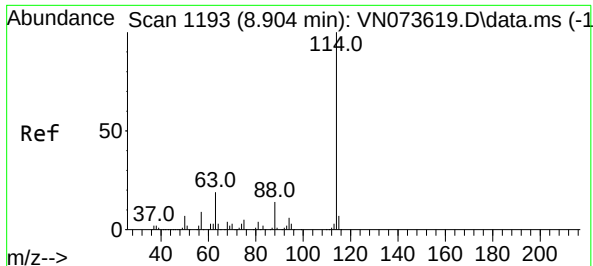
Tgt Ion: 65 Resp: 210143

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

SPN-8

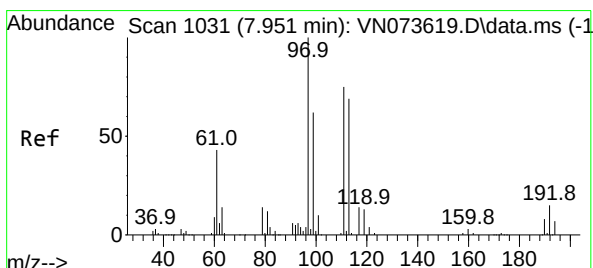
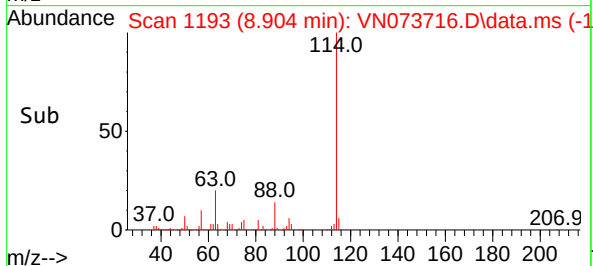
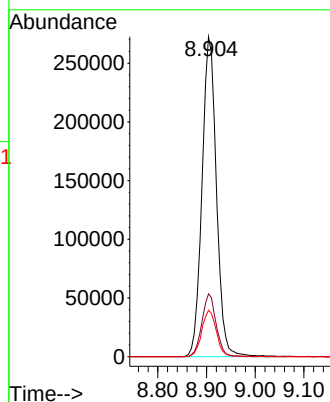
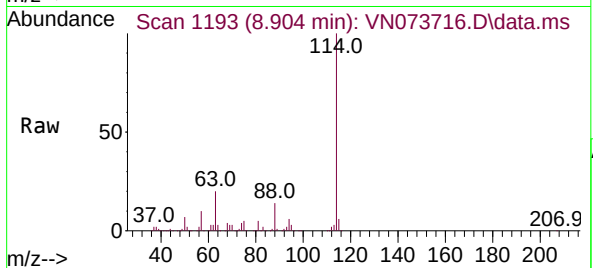
Tgt Ion:114 Resp: 561406

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.793 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

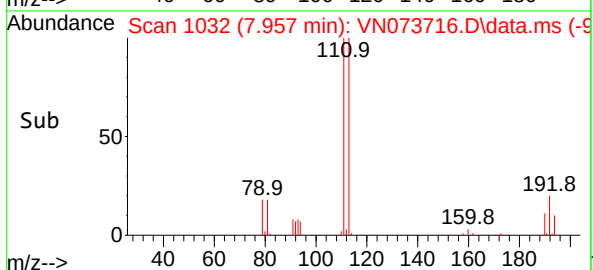
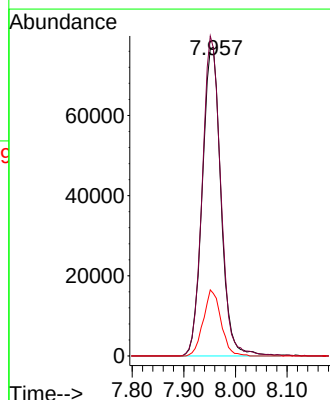
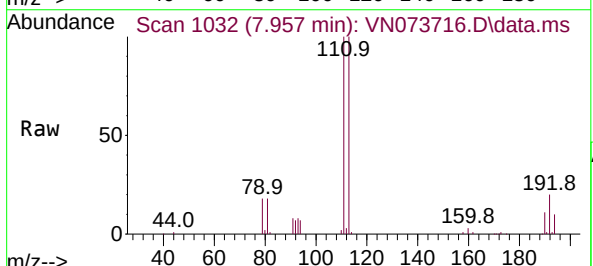
Tgt Ion:113 Resp: 193161

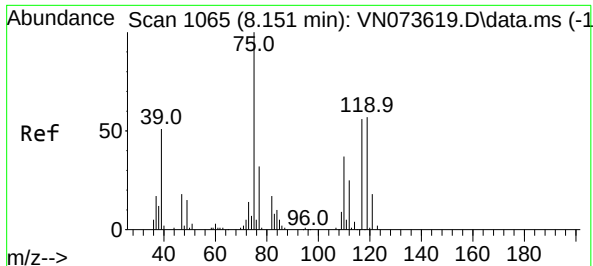
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 20.3 17.0 25.6

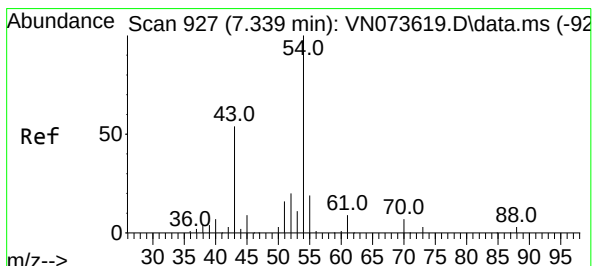
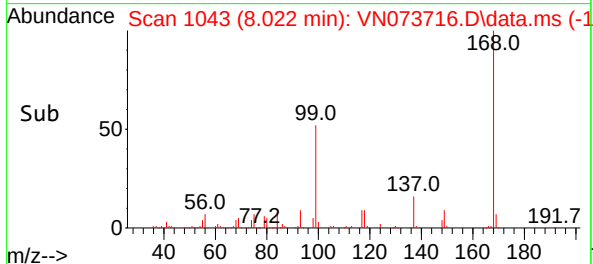
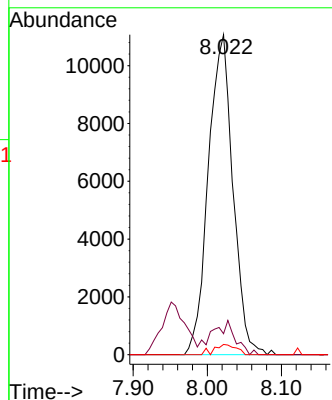
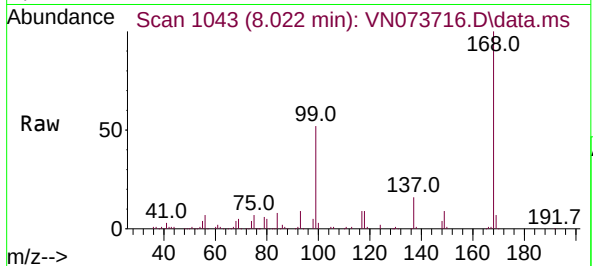




#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

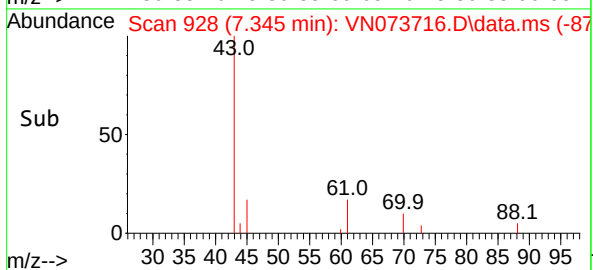
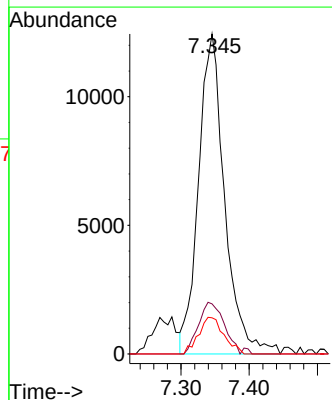
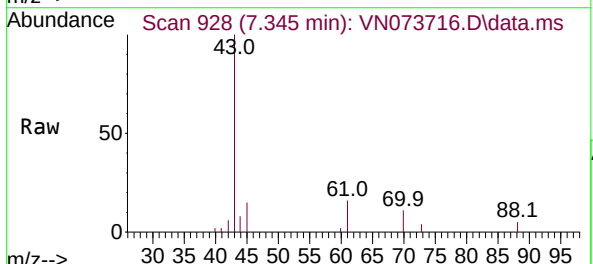
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

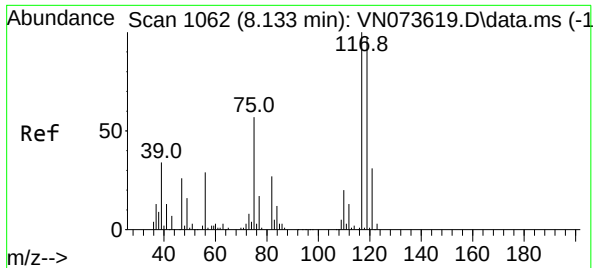
Tgt Ion: 75 Resp: 25521
Ion Ratio Lower Upper
75 100
110 3.6 18.3 54.8#
77 2.9 25.1 37.7#



#37
Ethyl Acetate
Concen: 5.017 ug/l
RT: 7.345 min Scan# 928
Delta R.T. 0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 43 Resp: 33195
Ion Ratio Lower Upper
43 100
61 16.2 11.8 17.6
70 11.0 9.3 13.9

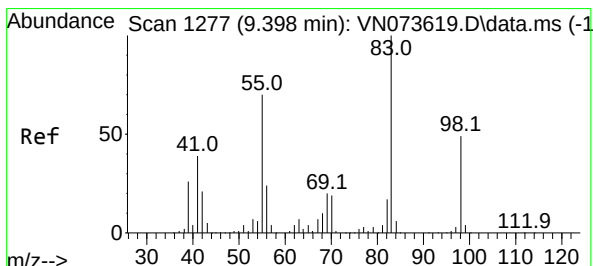
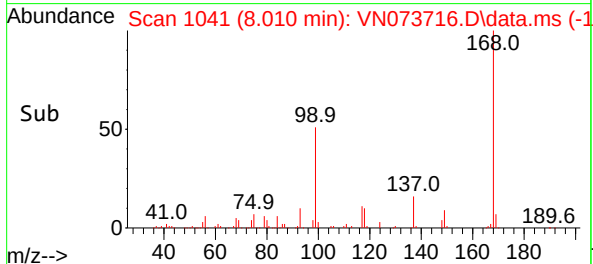
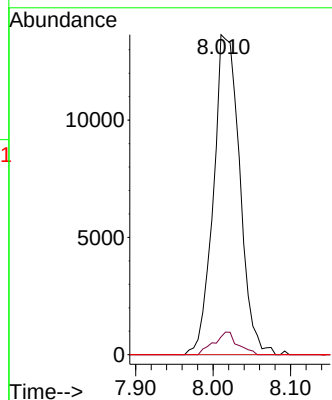
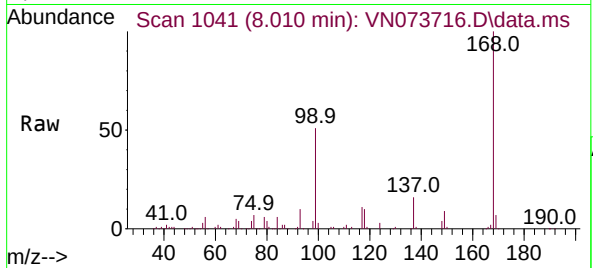




#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.123 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

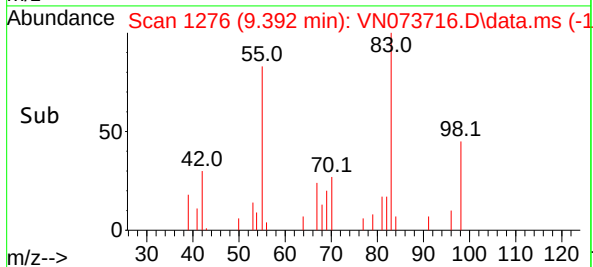
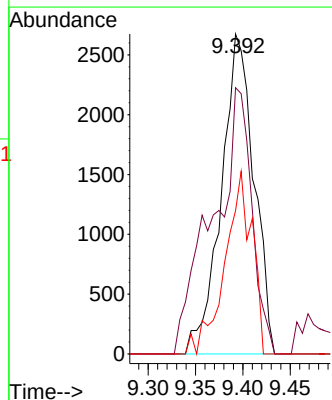
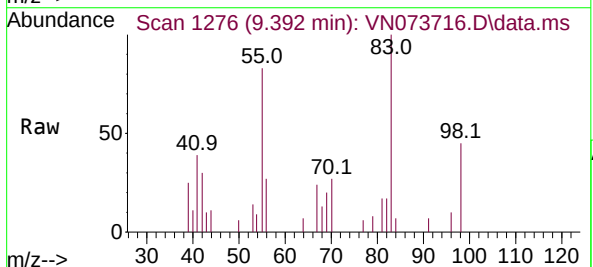
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

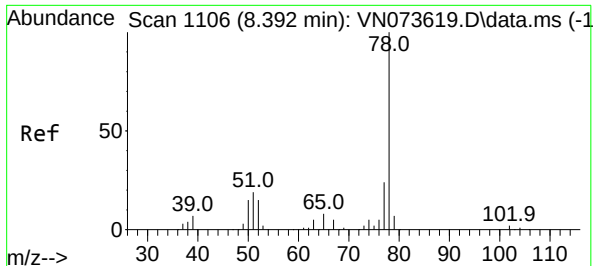
Tgt Ion:117 Resp: 32181
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 1.067 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 83 Resp: 6409
Ion Ratio Lower Upper
83 100
55 83.2 57.8 86.8
98 44.8 39.4 59.2





#40

Benzene

Concen: 4.286 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

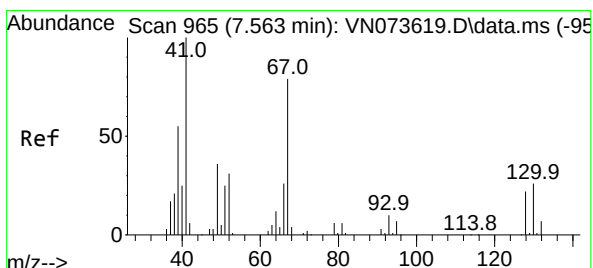
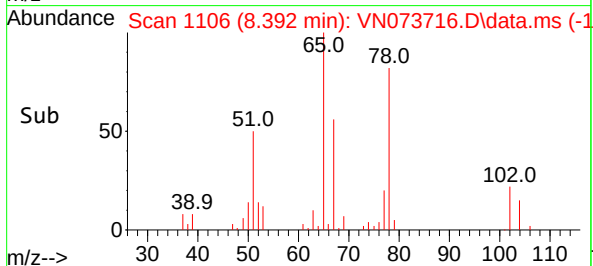
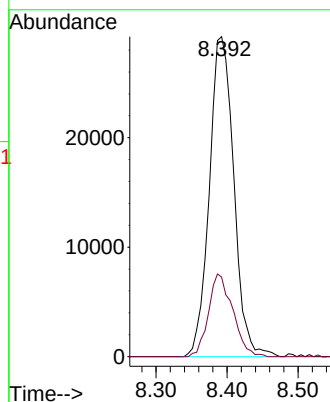
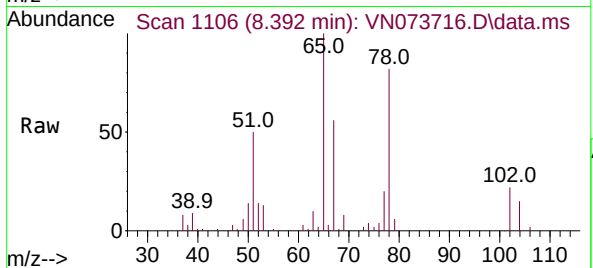
SPN-8

Tgt Ion: 78 Resp: 69922

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0



#41

Methacrylonitrile

Concen: 1.737 ug/l

RT: 7.616 min Scan# 974

Delta R.T. 0.053 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Tgt Ion: 41 Resp: 5202

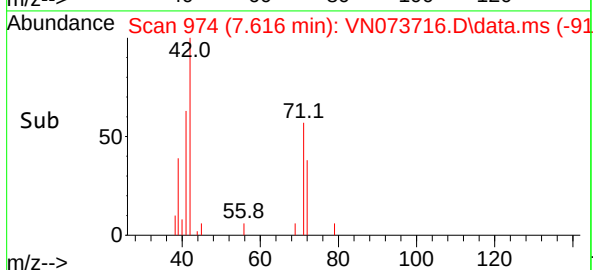
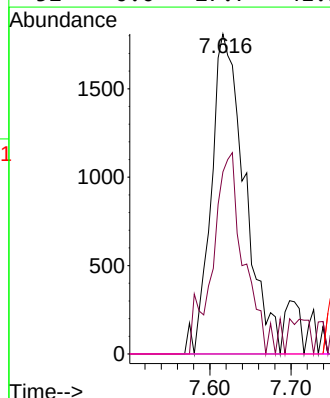
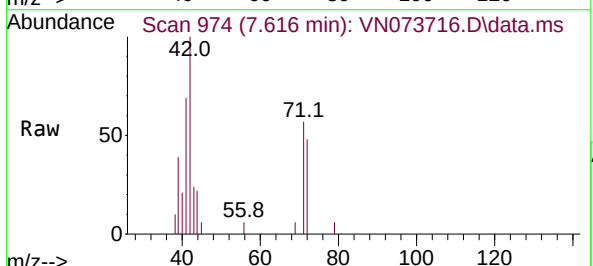
Ion Ratio Lower Upper

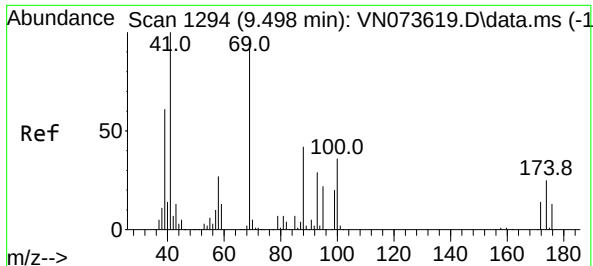
41 100

39 56.9 48.6 73.0

67 0.0 73.4 110.2#

52 0.0 27.7 41.5#





#48

Methyl methacrylate

Concen: 0.476 ug/l

RT: 9.475 min Scan# 11

Delta R.T. -0.023 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

SPN-8

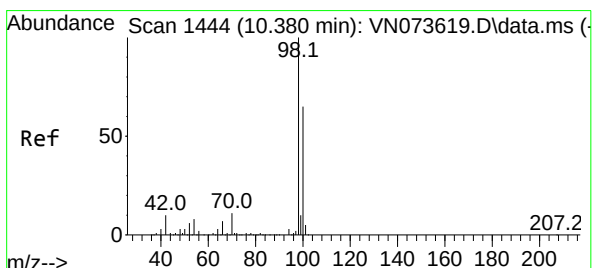
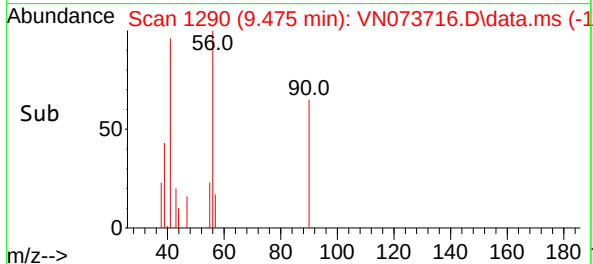
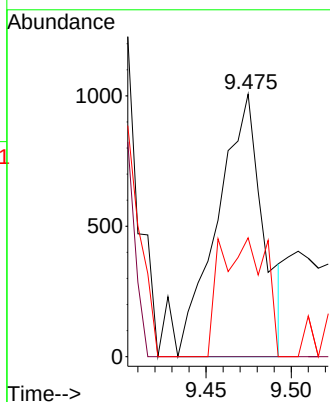
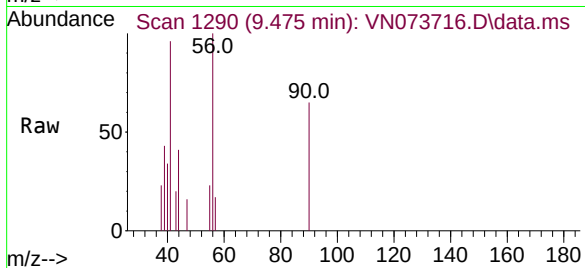
Tgt Ion: 41 Resp: 1863

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 44.9 45.6 68.4#



#50

Toluene-d8

Concen: 46.447 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073716.D

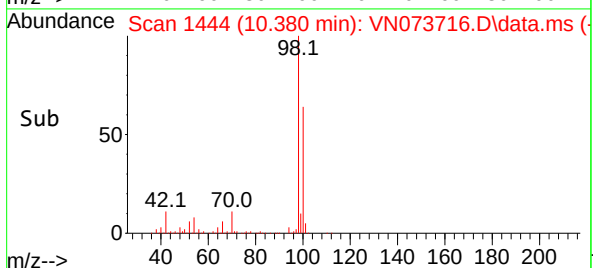
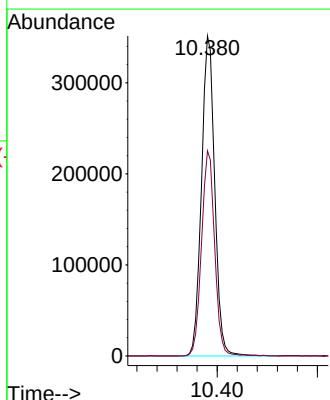
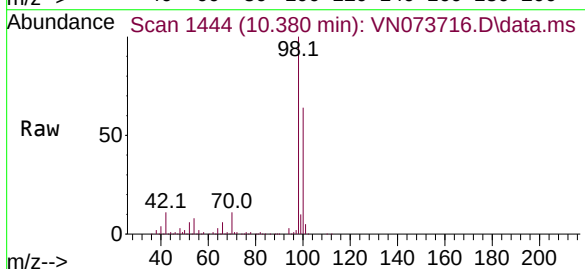
Acq: 03 Aug 2022 17:03

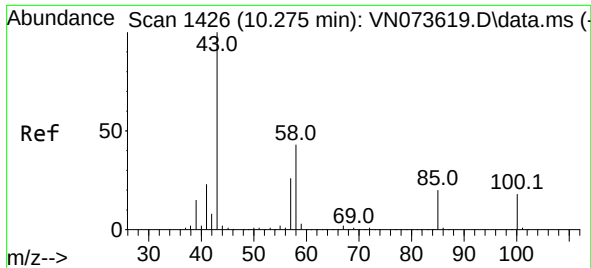
Tgt Ion: 98 Resp: 644327

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8

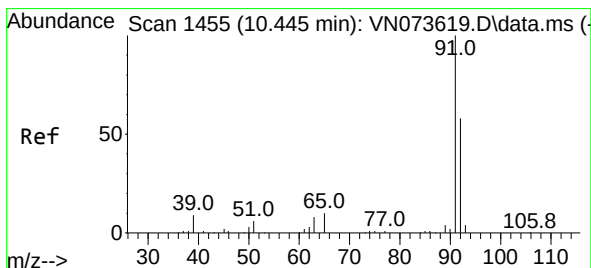
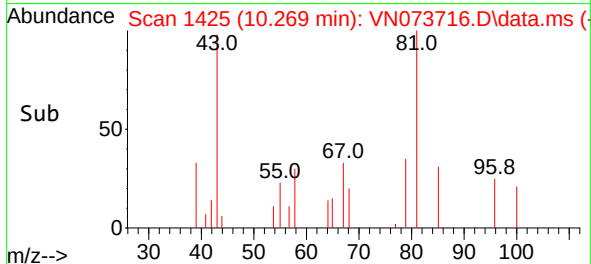
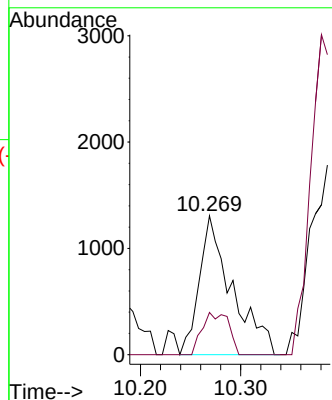
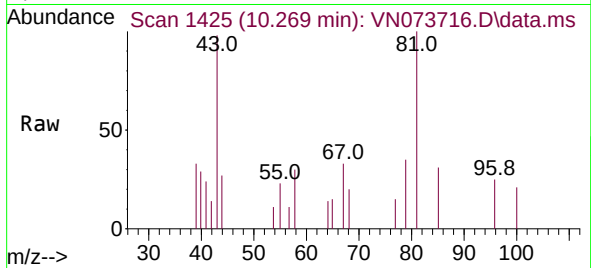




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

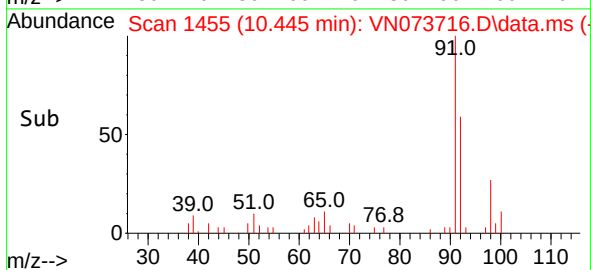
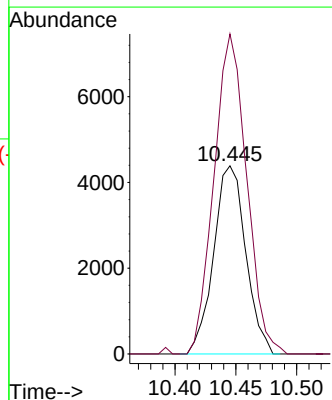
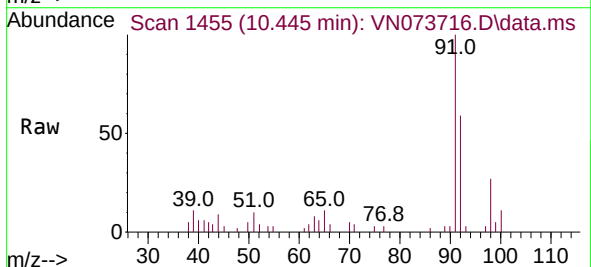
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

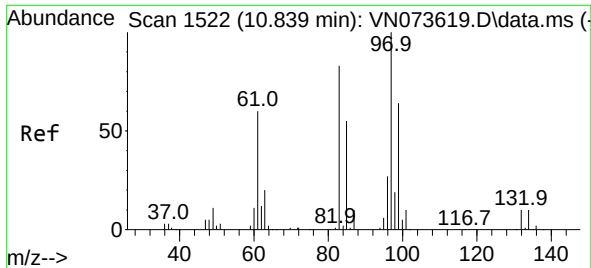
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
58 24.6 34.1 51.1#



#52
Toluene
Concen: 0.807 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 92 Resp: 8046
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

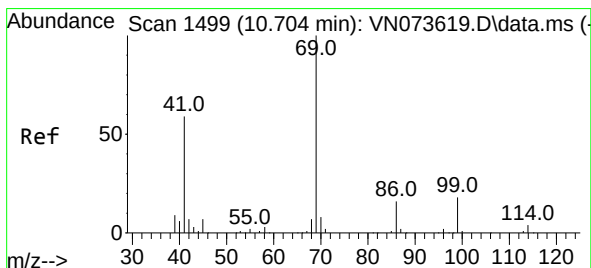
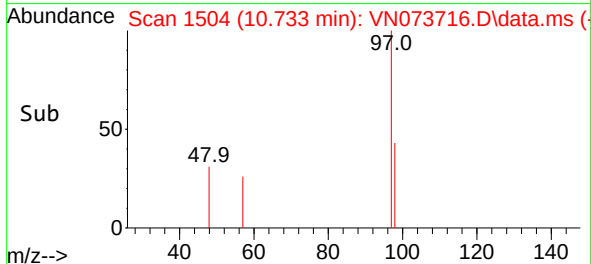
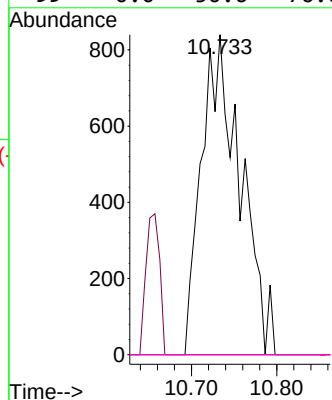
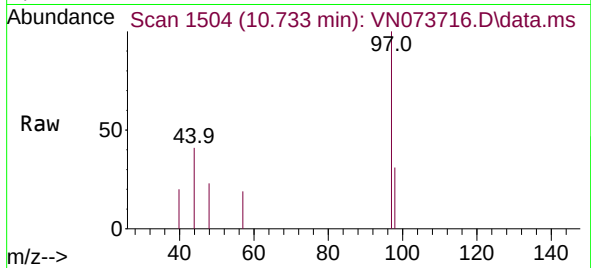




#55
1,1,2-Trichloroethane
Concen: 0.642 ug/l
RT: 10.733 min Scan# 1463
Delta R.T. -0.106 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

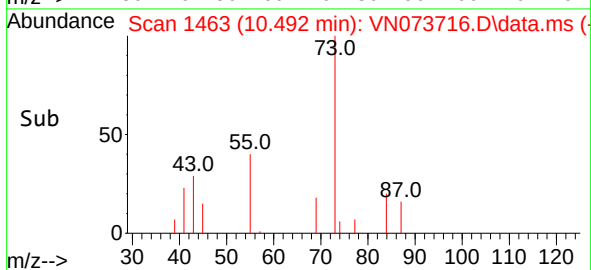
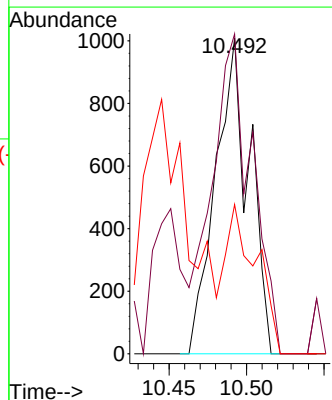
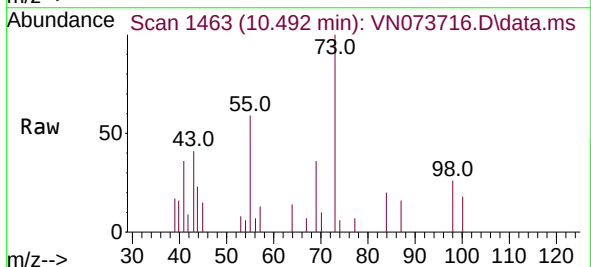
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

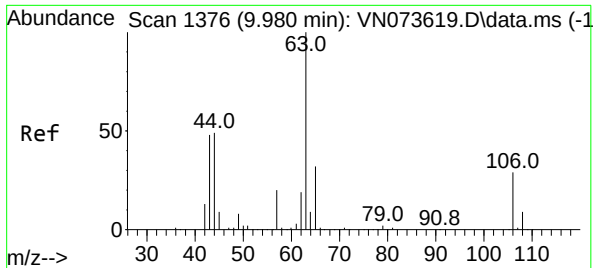
Tgt Ion:	97	Resp:	2669
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.268 ug/l
RT: 10.492 min Scan# 1463
Delta R.T. -0.212 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion:	69	Resp:	1535
Ion	Ratio	Lower	Upper
69	100		
41	118.6	47.8	71.6#
39	43.1	27.3	40.9#

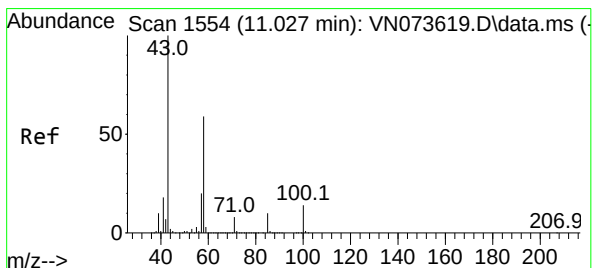
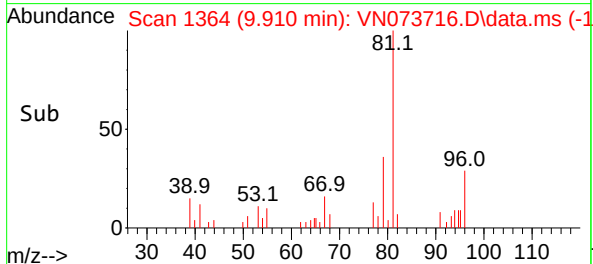
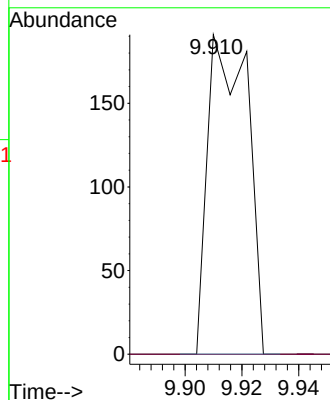
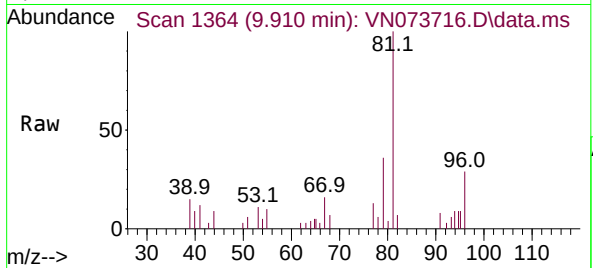




#58
2-Chloroethyl Vinyl ether
Concen: 10.001 ug/l
RT: 9.910 min Scan# 11
Delta R.T. -0.070 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

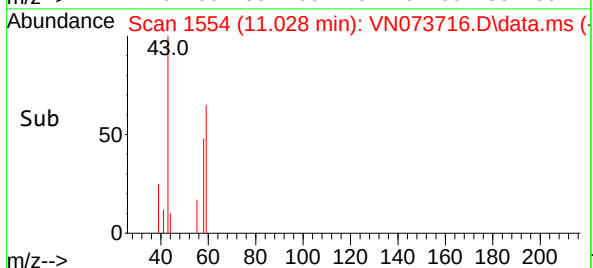
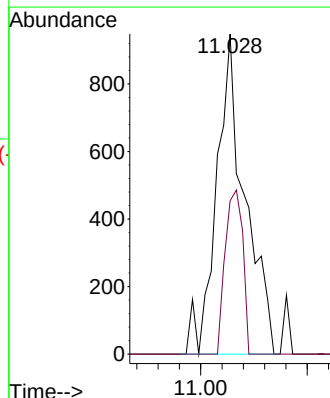
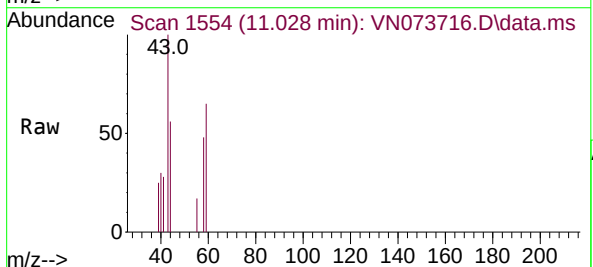
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

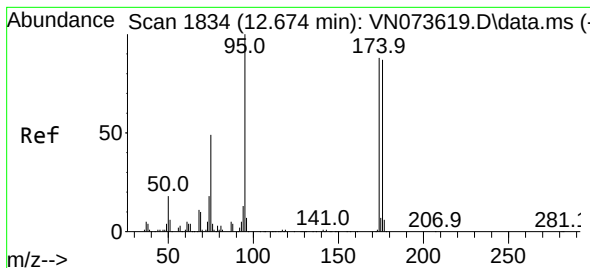
Tgt Ion: 63 Resp: 186
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 0.361 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 31.6 29.7 89.1

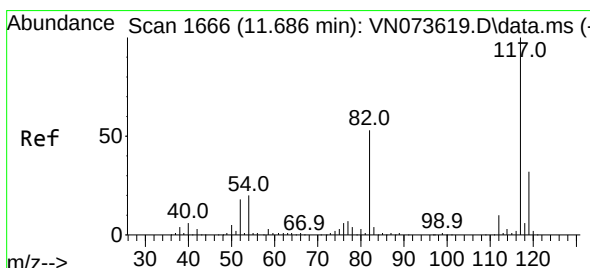
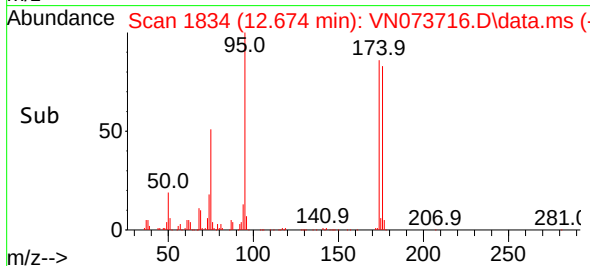
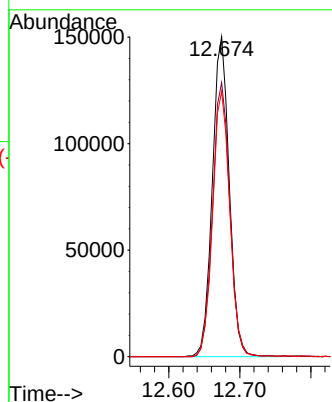
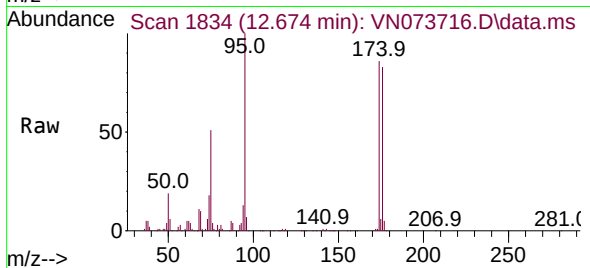




#62
4-Bromofluorobenzene
Concen: 52.854 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

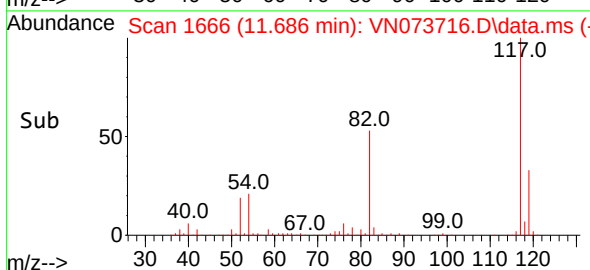
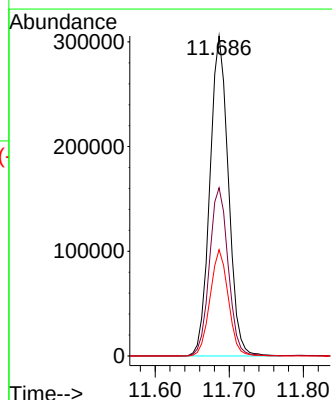
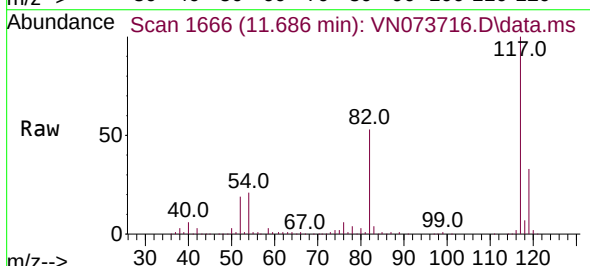
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

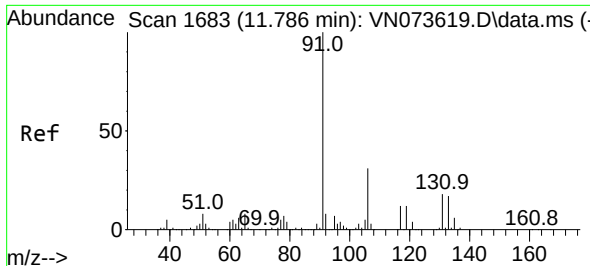
Tgt Ion: 95 Resp: 247676
Ion Ratio Lower Upper
95 100
174 87.7 0.0 167.6
176 84.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 117 Resp: 530719
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 33.2 25.4 38.0

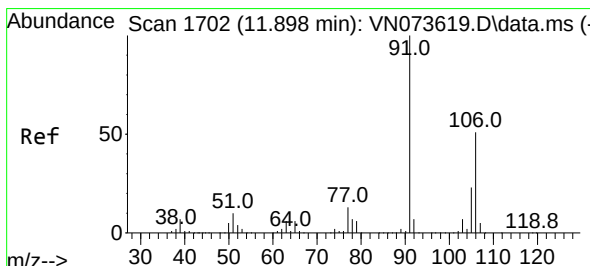
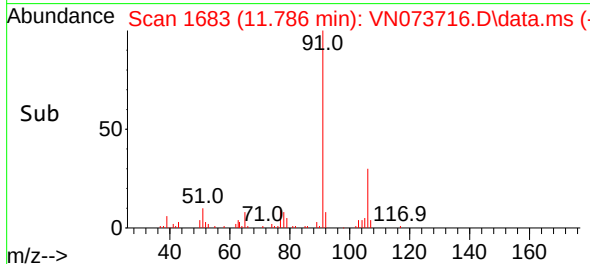
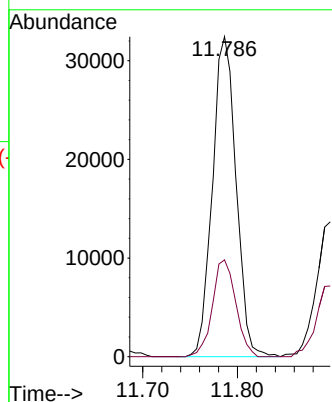
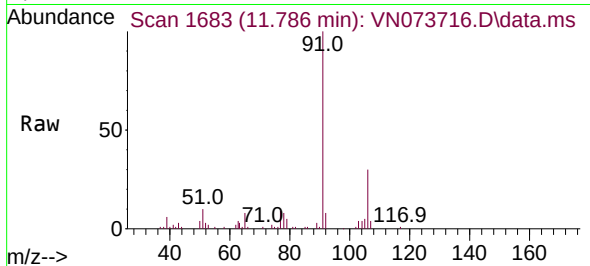




#67
Ethyl Benzene
Concen: 2.960 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

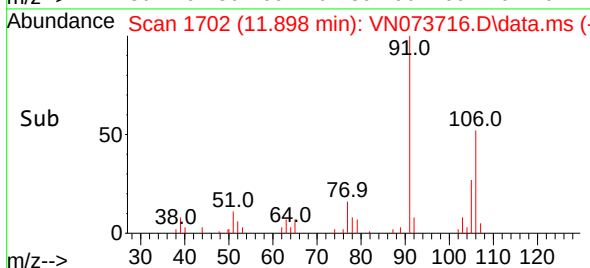
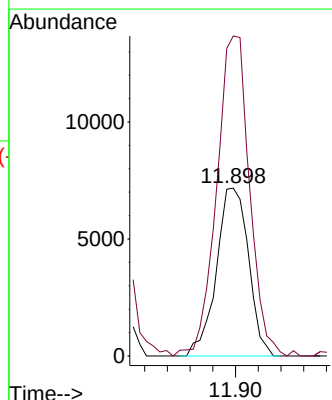
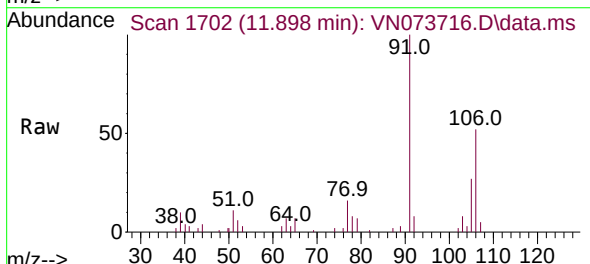
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

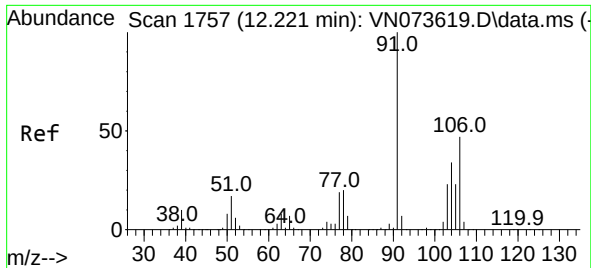
Tgt Ion: 91 Resp: 56300
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#68
m/p-Xylenes
Concen: 1.943 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 106 Resp: 14092
Ion Ratio Lower Upper
106 100
91 194.5 158.9 238.3

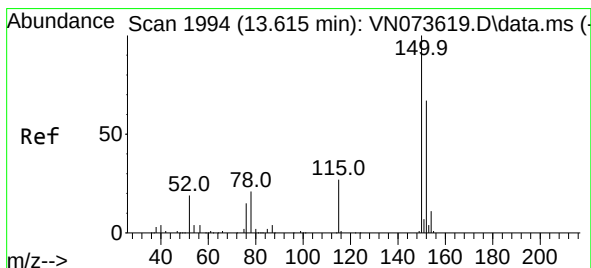
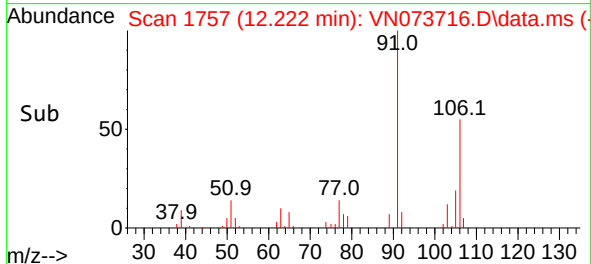
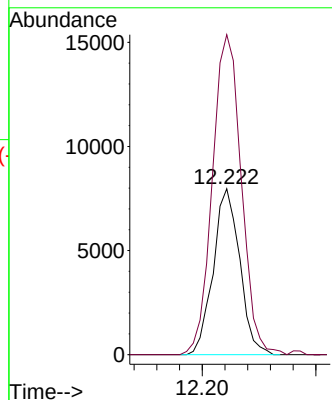
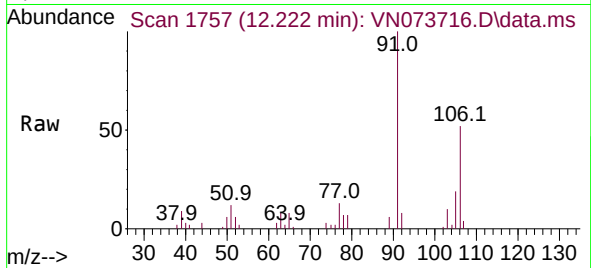




#69
o-Xylene
Concen: 1.826 ug/l
RT: 12.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

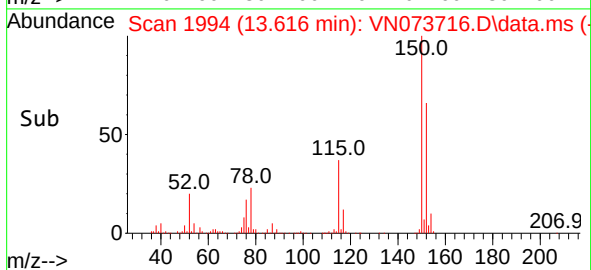
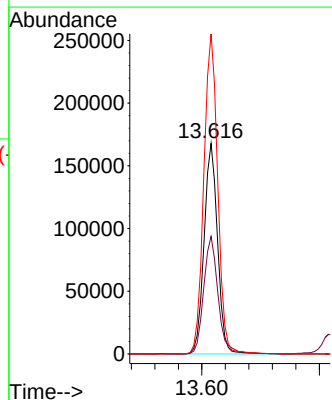
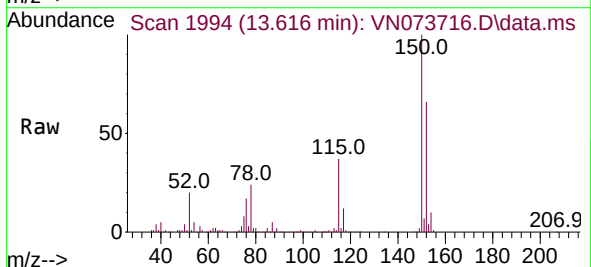
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

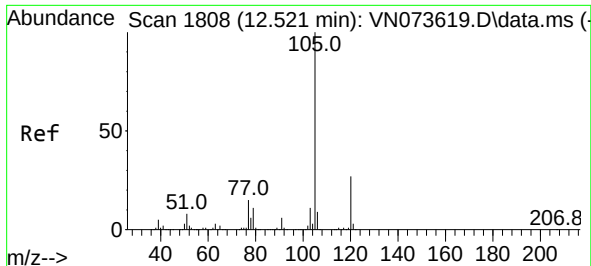
Tgt Ion:106 Resp: 12912
Ion Ratio Lower Upper
106 100
91 210.5 106.0 318.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion:152 Resp: 267235
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 156.6 0.0 356.2

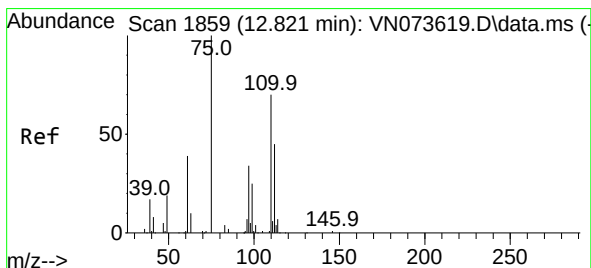
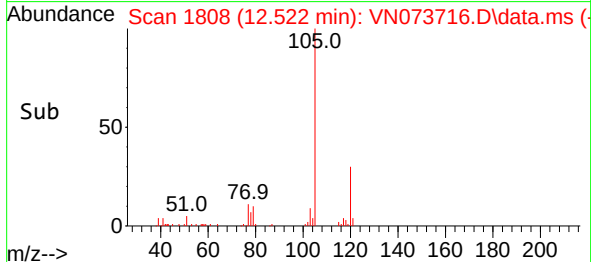
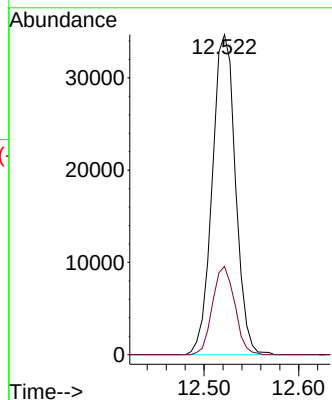
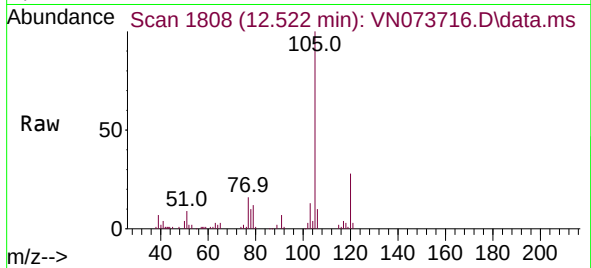




#73
Isopropylbenzene
Concen: 3.030 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

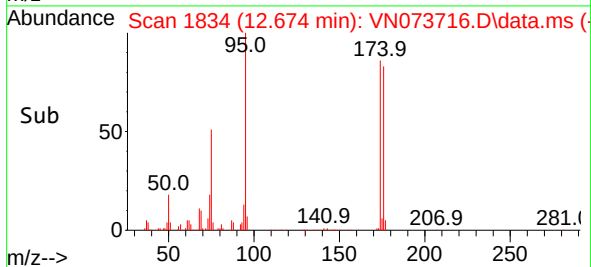
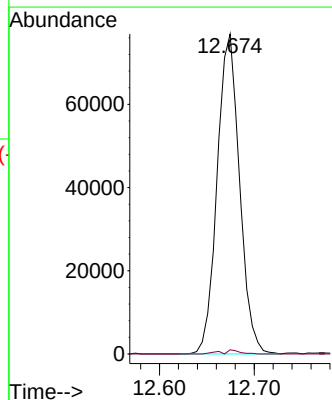
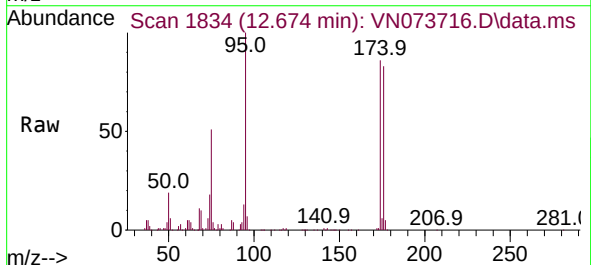
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

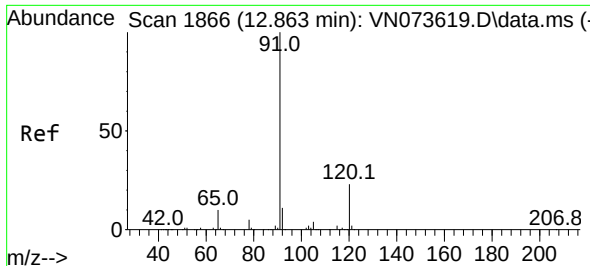
Tgt Ion:105 Resp: 59270
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 24.167 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 75 Resp: 126464
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

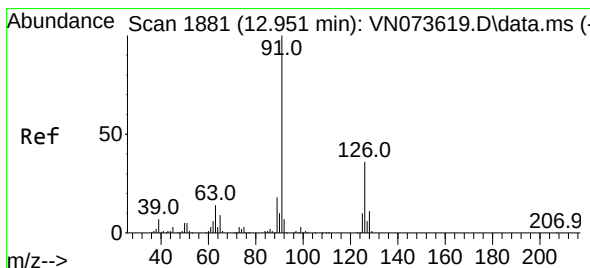
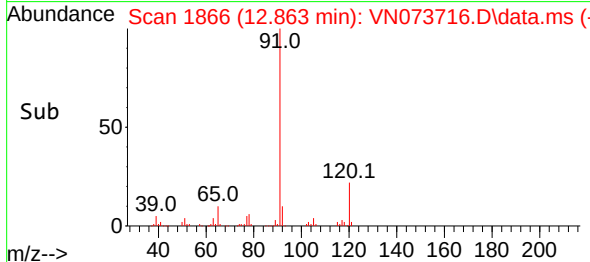
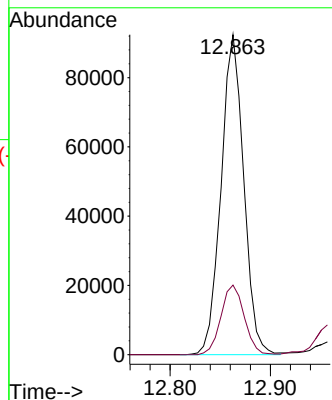
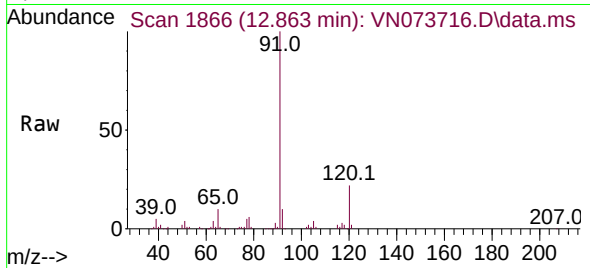




#78
n-propylbenzene
Concen: 6.588 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

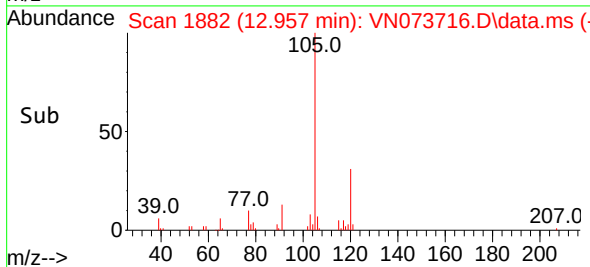
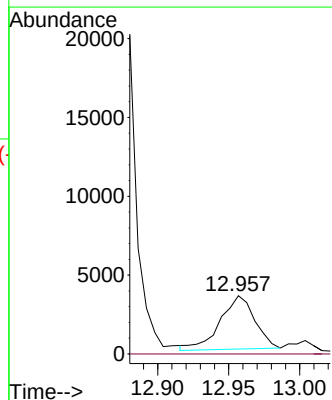
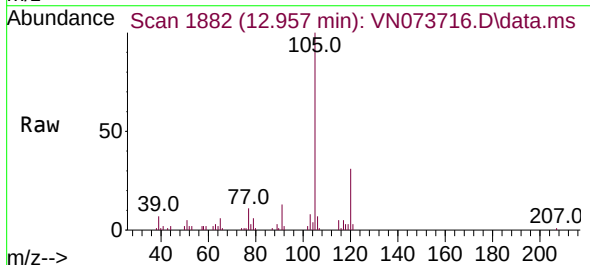
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

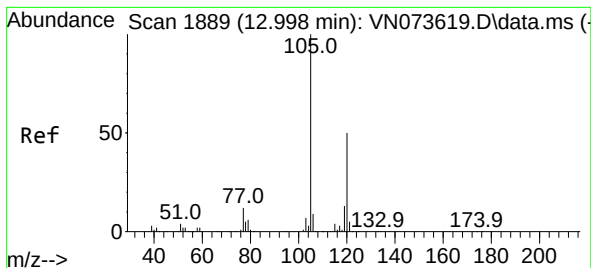
Tgt Ion: 91 Resp: 145009
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.416 ug/l
RT: 12.957 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 91 Resp: 5716
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.430 ug/l

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

Instrument :

MSVOA_N

ClientSampleId :

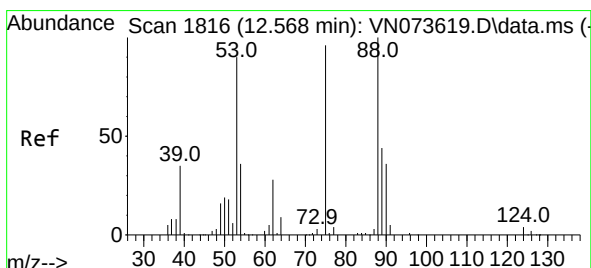
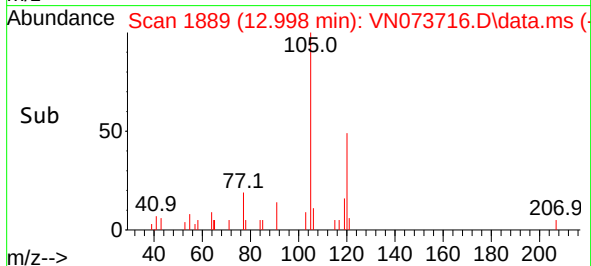
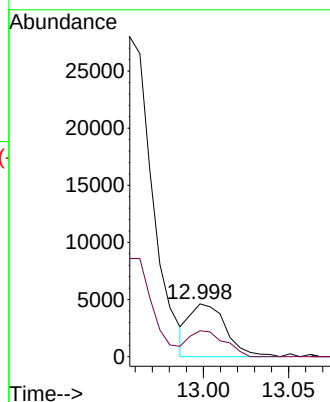
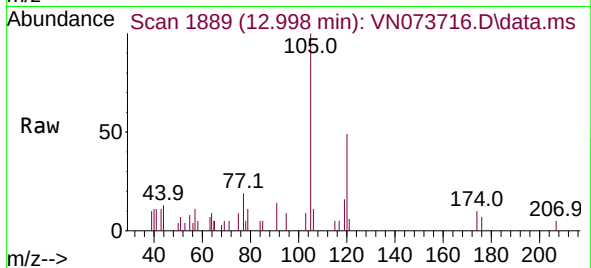
SPN-8

Tgt Ion:105 Resp: 6924

Ion Ratio Lower Upper

105 100

120 47.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 2.585 ug/l

RT: 12.498 min Scan# 1804

Delta R.T. -0.070 min

Lab File: VN073716.D

Acq: 03 Aug 2022 17:03

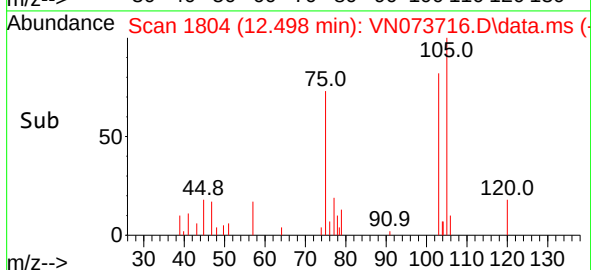
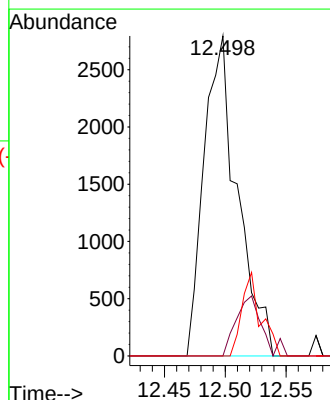
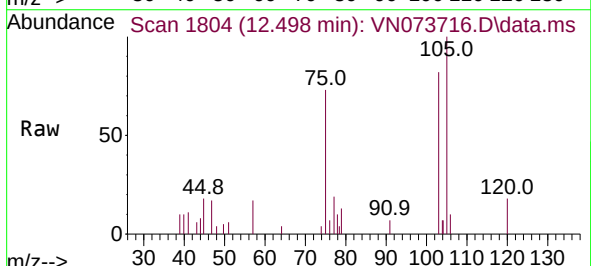
Tgt Ion: 75 Resp: 5331

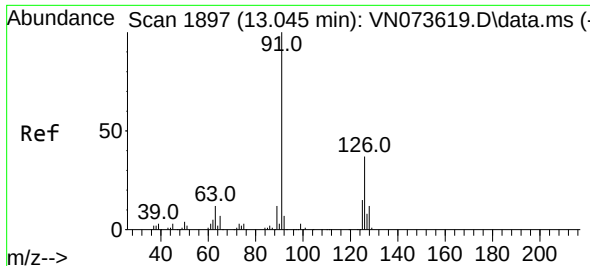
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 37.2 55.8#

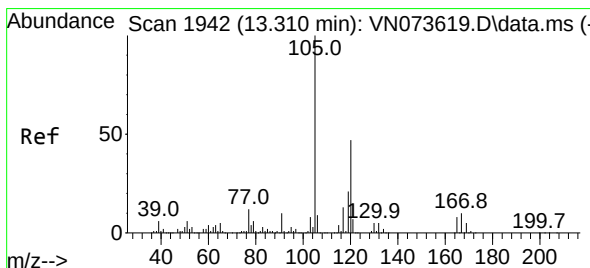
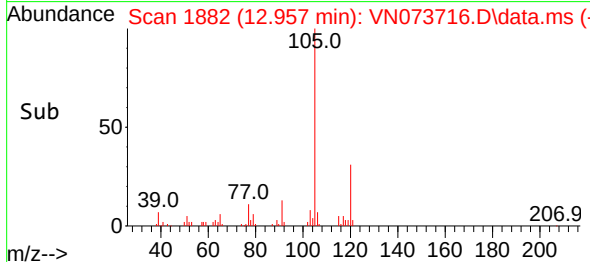
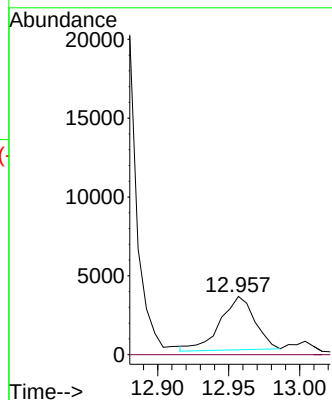
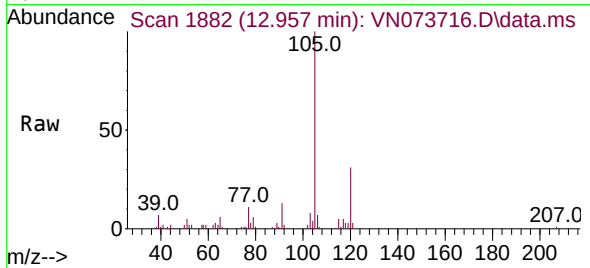




#82
4-Chlorotoluene
Concen: 0.439 ug/l
RT: 12.957 min Scan# 1897
Delta R.T. -0.088 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

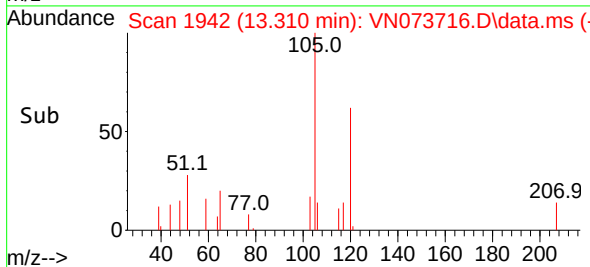
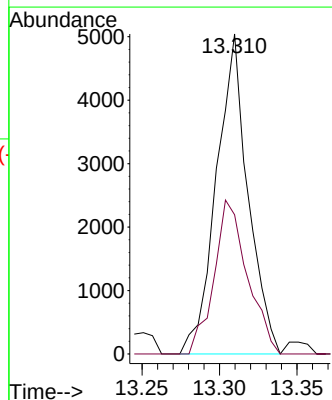
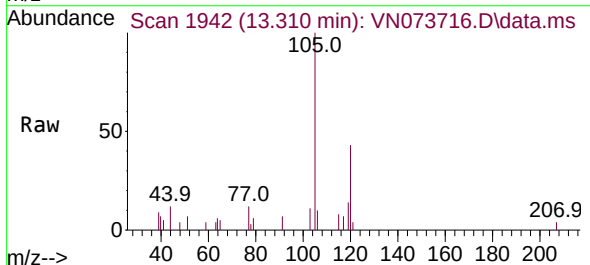
Instrument :
MSVOA_N
ClientSampleId :
SPN-8

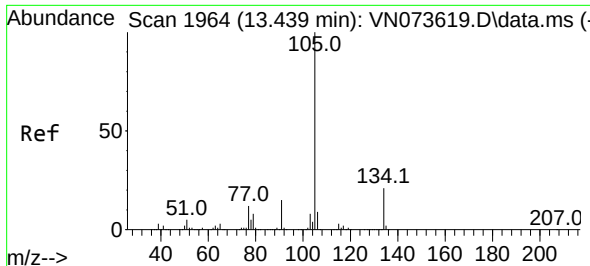
Tgt Ion: 91 Resp: 5716
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.452 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion: 105 Resp: 7149
Ion Ratio Lower Upper
105 100
120 50.7 23.3 69.8

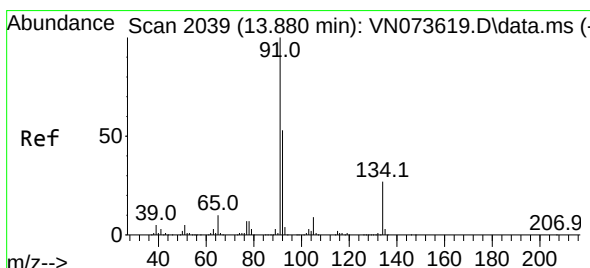
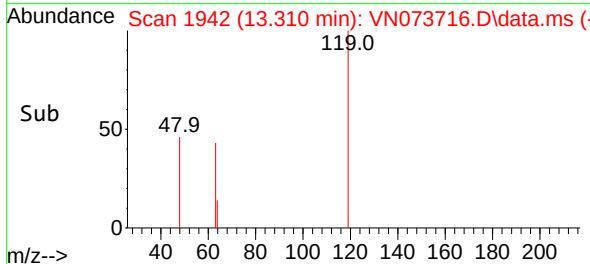
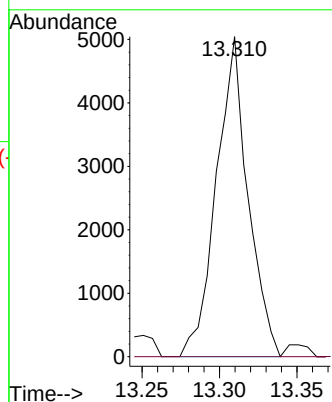
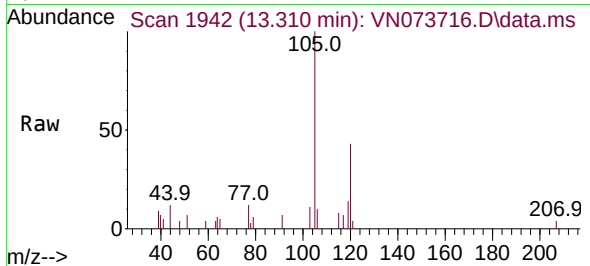




#85
 sec-Butylbenzene
 Concen: 0.363 ug/l
 RT: 13.310 min Scan# 1964
 Delta R.T. -0.129 min
 Lab File: VN073716.D
 Acq: 03 Aug 2022 17:03

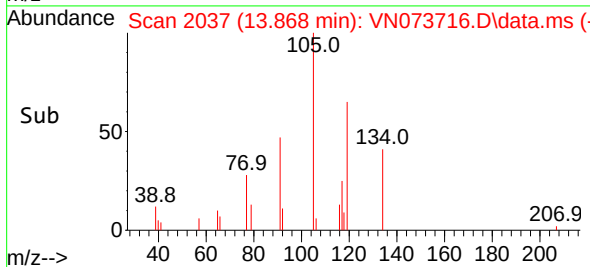
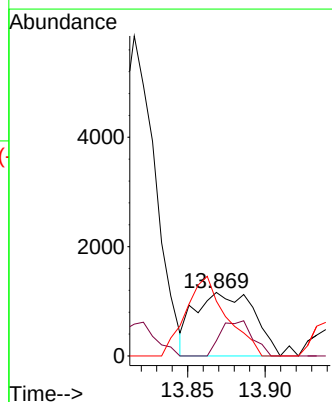
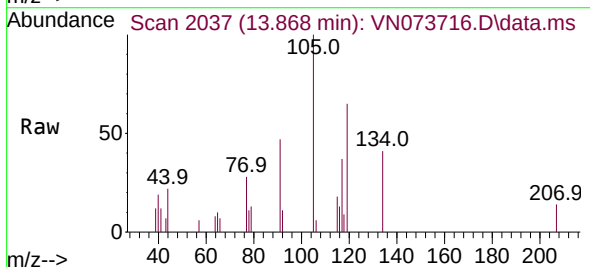
Instrument :
 MSVOA_N
 ClientSampleId :
 SPN-8

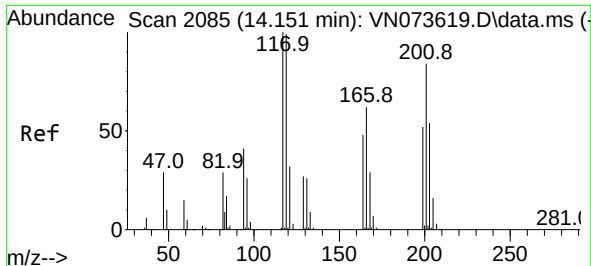
Tgt Ion:105 Resp: 7149
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.244 ug/l
 RT: 13.868 min Scan# 2037
 Delta R.T. -0.012 min
 Lab File: VN073716.D
 Acq: 03 Aug 2022 17:03

Tgt Ion: 91 Resp: 3081
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.9 80.7#
 134 86.3 13.6 40.8#

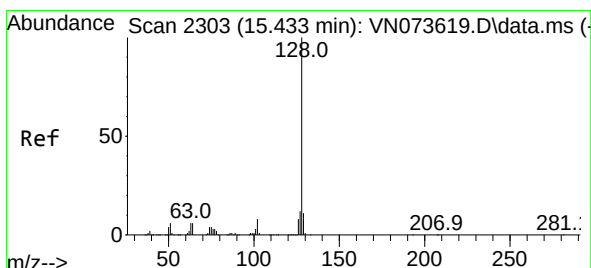
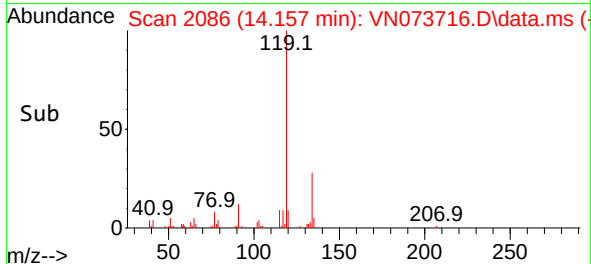
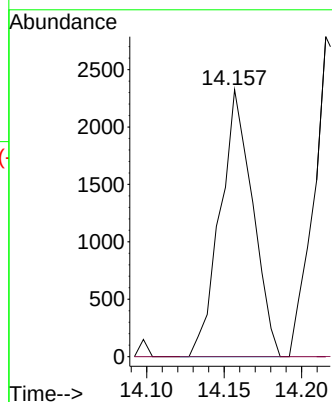
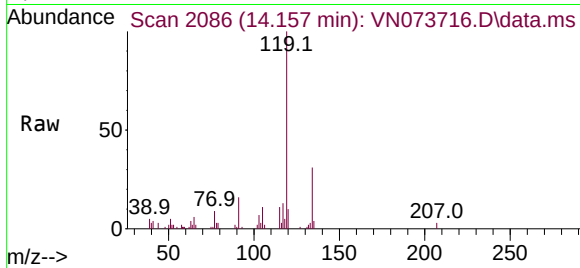




#90
Hexachloroethane
Concen: 1.103 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Instrument :
MSVOA_N
ClientSampleId :
SPN-8

Tgt Ion:117 Resp: 3401
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#95
Naphthalene
Concen: 1.264 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073716.D
Acq: 03 Aug 2022 17:03

Tgt Ion:128 Resp: 19191
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 9.4 8.6 13.0

