

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073943.D
 Acq On : 16 Aug 2022 12:55
 Operator : JC\MD
 Sample : N4198-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GFD-TOTES

Quant Time: Aug 17 01:12:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	631970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	902565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	872195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	501891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297590	48.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.700%
35) Dibromofluoromethane	7.951	113	289767	54.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.580%
50) Toluene-d8	10.380	98	953277	46.114	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.669	95	414650	60.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.880%

Target Compounds						Qvalue
3) Chloromethane	2.263	50	1210	0.217	ug/l #	88
11) Tert butyl alcohol	5.287	59	18702	13.583	ug/l	96
13) Acrolein	3.981	56	814	0.845	ug/l	96
14) Allyl chloride	4.504	41	61385	8.310	ug/l #	57
15) Acrylonitrile	5.475	53	822	0.245	ug/l #	17
16) Acetone	4.216	43	2729099	939.765	ug/l	100
17) Carbon Disulfide	4.463	76	16702	1.408	ug/l #	90
18) Methyl Acetate	4.775	43	2197	Below Cal	#	87
19) Methyl tert-butyl Ether	5.534	73	11512	0.641	ug/l	96
20) Methylene Chloride	4.998	84	2432	0.397	ug/l #	72
25) 2-Butanone	7.263	43	102611	22.284	ug/l	98
29) Tetrahydrofuran	7.622	42	2353	0.797	ug/l #	63
31) Cyclohexane	8.016	56	10767	1.255	ug/l #	5
36) 1,1-Dichloropropene	8.022	75	38606	5.207	ug/l #	50
37) Ethyl Acetate	7.263	43	102611	11.424	ug/l #	67
38) Carbon Tetrachloride	8.016	117	54516	6.433	ug/l #	16
39) Methylcyclohexane	9.392	83	2581	0.278	ug/l	98
40) Benzene	8.398	78	9657	0.413	ug/l #	86
41) Methacrylonitrile	7.587	41	3792	0.934	ug/l #	33
43) Isopropyl Acetate	8.610	43	24613	1.924	ug/l #	53
48) Methyl methacrylate	9.469	41	2979	0.544	ug/l #	44
49) 1,4-Dioxane	9.510	88	75	0.461	ug/l #	25
51) 4-Methyl-2-Pentanone	10.275	43	53528	6.188	ug/l	97
52) Toluene	10.445	92	1952342	121.678	ug/l	100
53) t-1,3-Dichloropropene	10.445	75	21644	2.531	ug/l #	1
59) 2-Hexanone	11.027	43	592133	88.938	ug/l	100
67) Ethyl Benzene	11.786	91	39381	1.277	ug/l	95
68) m/p-Xylenes	11.892	106	70283	5.611	ug/l	97
69) o-Xylene	12.222	106	63796	5.079	ug/l	98
70) Styrene	12.233	104	48676	2.475	ug/l #	87
73) Isopropylbenzene	12.522	105	15459	0.423	ug/l	99
74) N-amyl acetate	12.292	43	179286	12.977	ug/l #	43
76) 1,2,3-Trichloropropane	12.669	75	205243	19.675	ug/l #	1
78) n-propylbenzene	12.863	91	33916	0.871	ug/l	100
80) 1,3,5-Trimethylbenzene	12.998	105	103465	3.481	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.669	75	205243	55.959	ug/l #	10

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 Response via : Initial Calibration

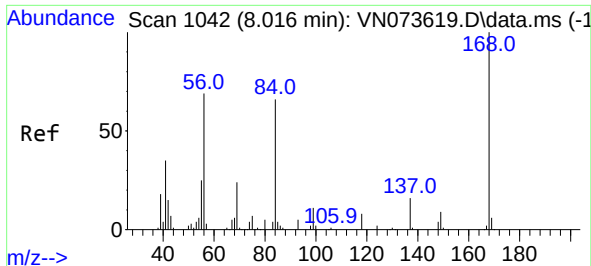
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	13.304	105	280945	9.464	ug/l	99
85) sec-Butylbenzene	13.445	105	20363	0.574	ug/l	82
86) p-Isopropyltoluene	13.557	119	19090	0.632	ug/l	96
89) n-Butylbenzene	13.880	91	19010	0.795	ug/l #	71
90) Hexachloroethane	14.151	117	10895	1.973	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.563	75	626	0.216	ug/l #	26
93) 1,2,4-Trichlorobenzene	15.198	180	4837	0.449	ug/l #	1
95) Naphthalene	15.433	128	245852	6.994	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	6302	0.565	ug/l #	17

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

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Response via : Initial Calibration

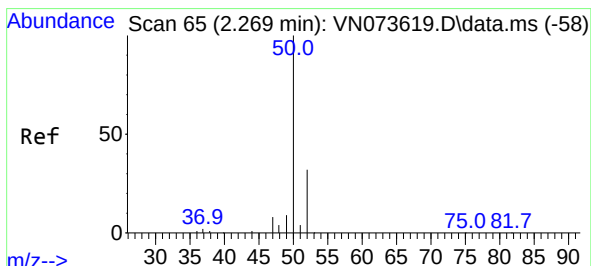
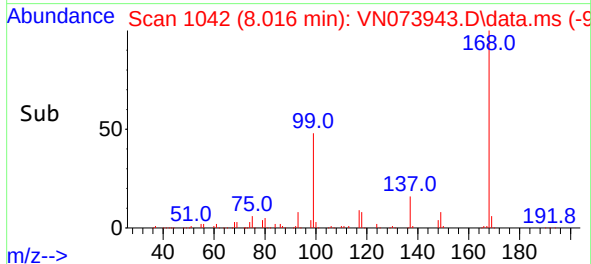
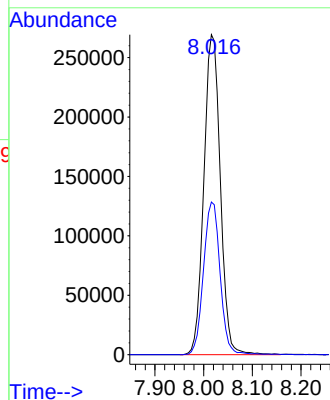
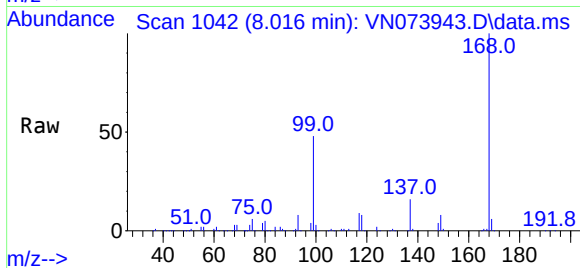




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

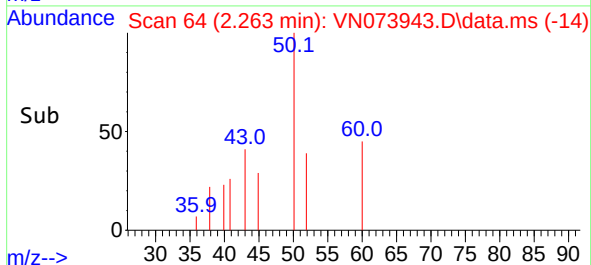
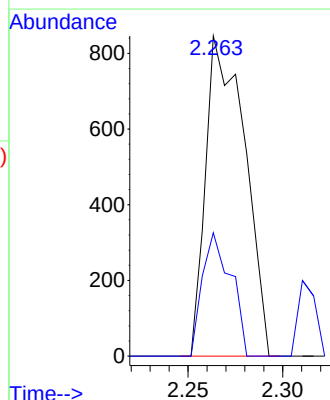
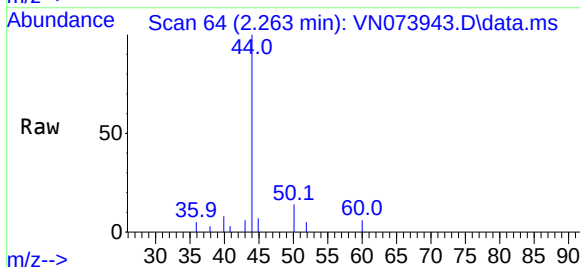
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

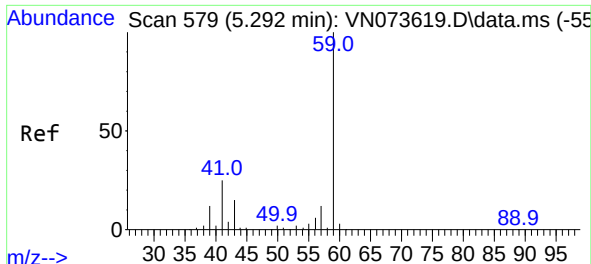
Tgt Ion:168 Resp: 631970
Ion Ratio Lower Upper
168 100
99 47.7 42.3 63.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 50 Resp: 1210
Ion Ratio Lower Upper
50 100
52 38.5 25.7 38.5#

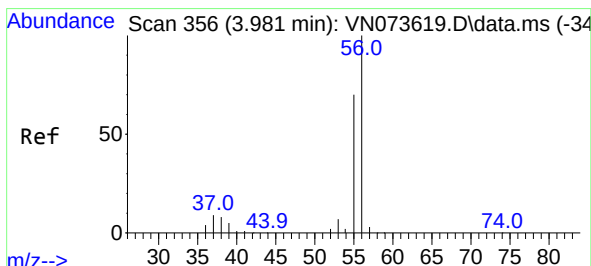
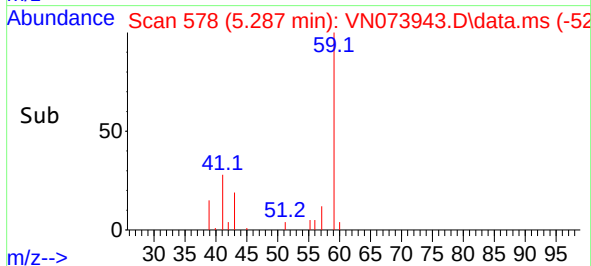
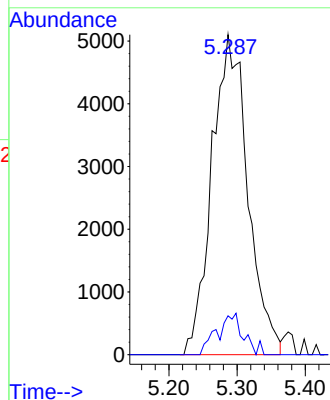
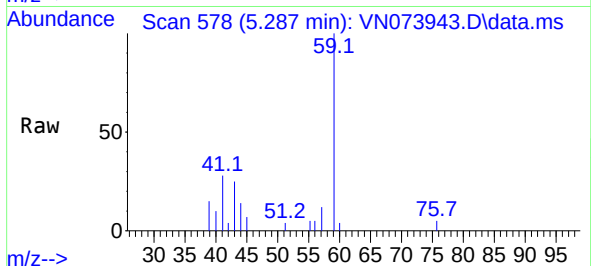




#11
Tert butyl alcohol
Concen: 13.583 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

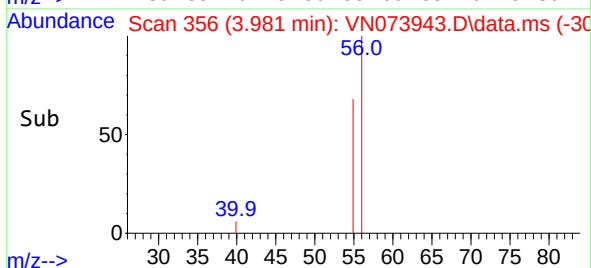
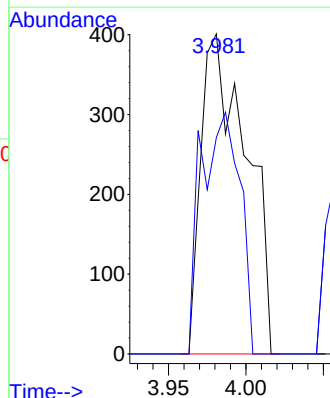
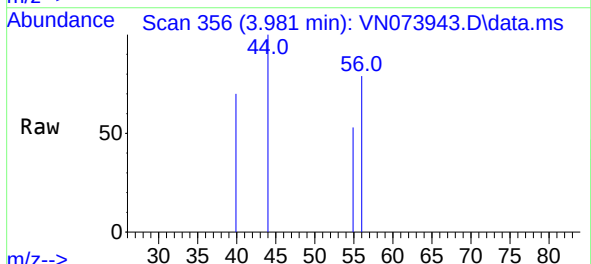
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

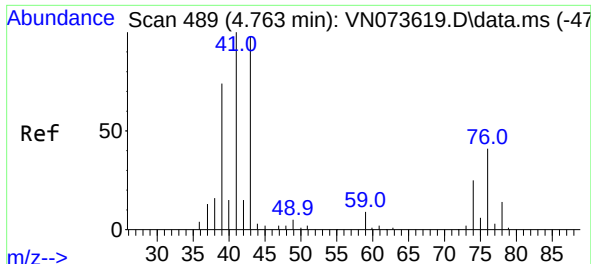
Tgt Ion: 59 Resp: 18702
Ion Ratio Lower Upper
59 100
57 9.0 8.3 12.5



#13
Acrolein
Concen: 0.845 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 56 Resp: 814
Ion Ratio Lower Upper
56 100
55 65.1 54.8 82.2

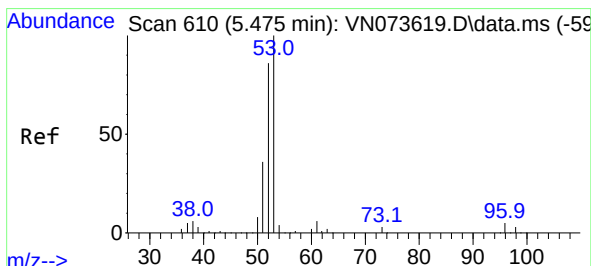
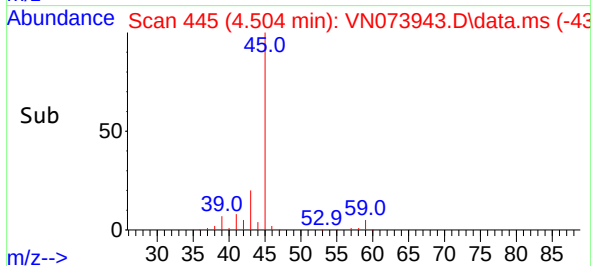
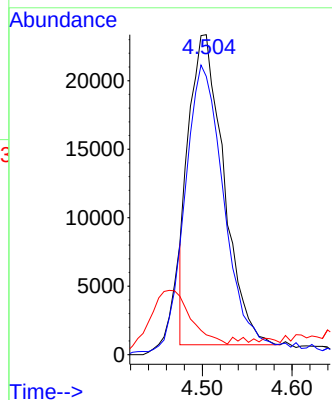
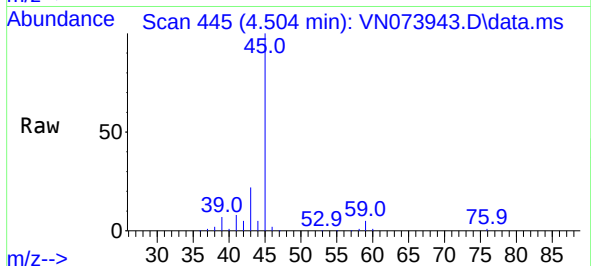




#14
 Allyl chloride
 Concen: 8.310 ug/l
 RT: 4.504 min Scan# 445
 Delta R.T. -0.259 min
 Lab File: VN073943.D
 Acq: 16 Aug 2022 12:55

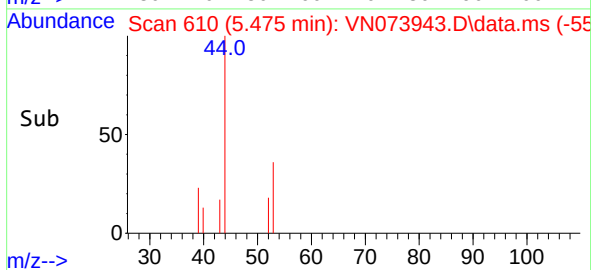
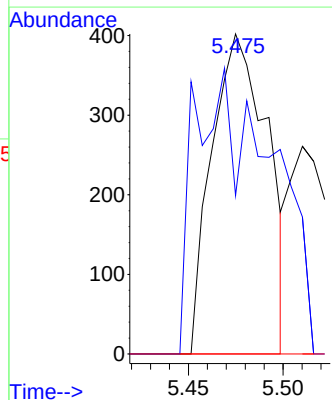
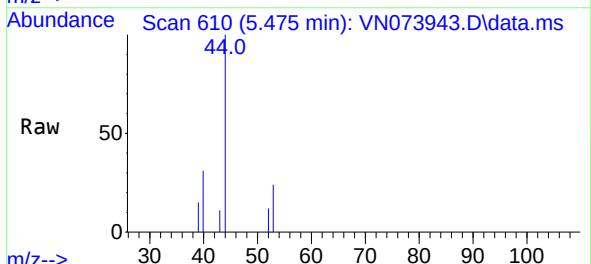
Instrument :
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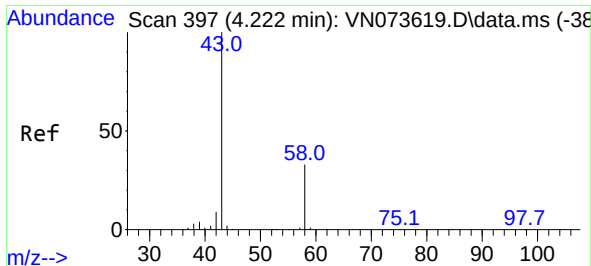
Tgt Ion:	41	Resp:	61385
Ion	Ratio	Lower	Upper
41	100		
39	91.6	53.2	79.8#
76	0.0	29.9	44.9#



#15
 Acrylonitrile
 Concen: 0.245 ug/l
 RT: 5.475 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VN073943.D
 Acq: 16 Aug 2022 12:55

Tgt Ion:	53	Resp:	822
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.4	99.6#
51	0.0	28.5	42.7#

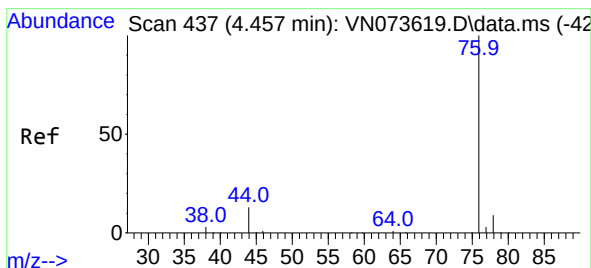
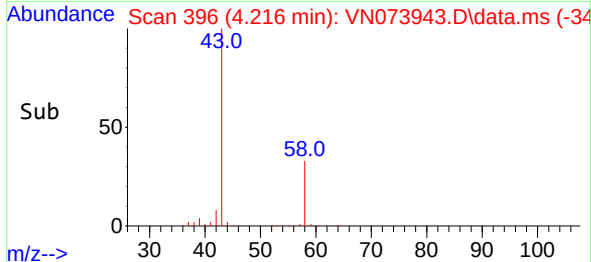
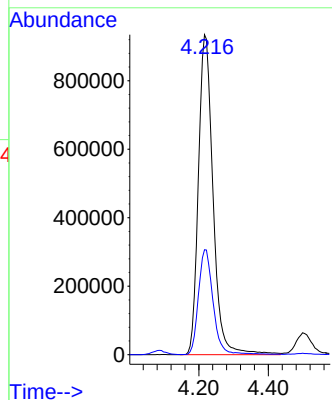
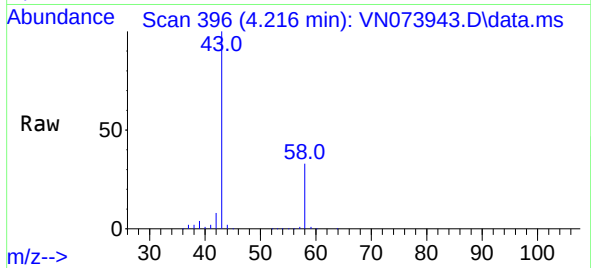




#16
Acetone
Concen: 939.765 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

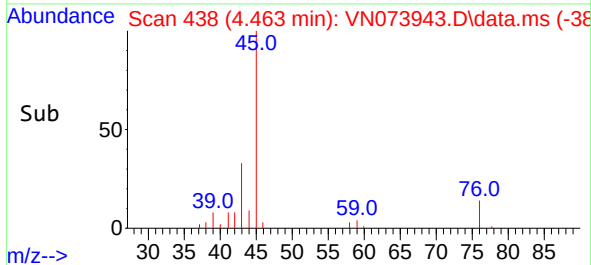
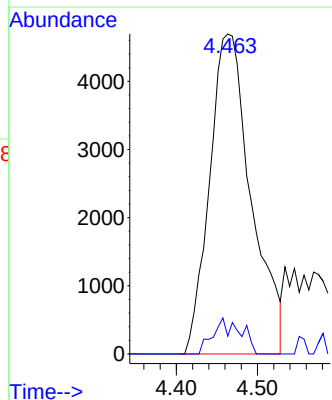
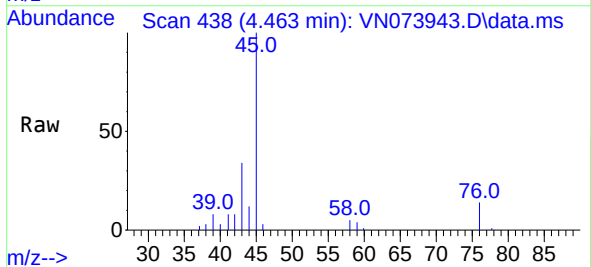
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

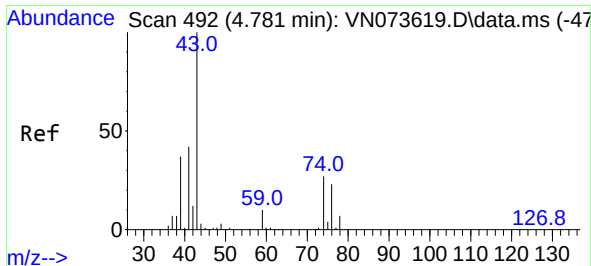
Tgt Ion: 43 Resp: 2729099
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0



#17
Carbon Disulfide
Concen: 1.408 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 76 Resp: 16702
Ion Ratio Lower Upper
76 100
78 5.6 7.2 10.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.775 min Scan# 49

Delta R.T. -0.006 min

Lab File: VN073943.D

Acq: 16 Aug 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

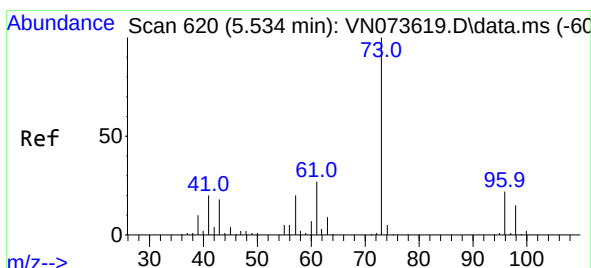
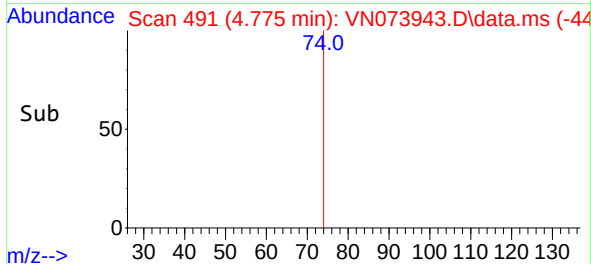
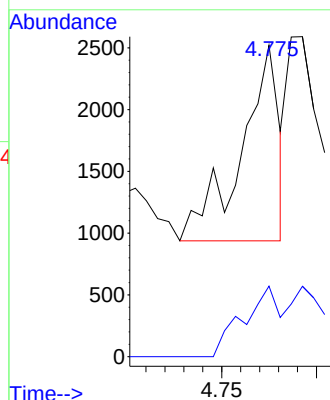
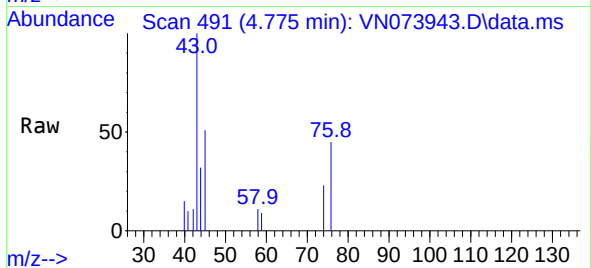
GFD-TOTES

Tgt Ion: 43 Resp: 2197

Ion Ratio Lower Upper

43 100

74 33.9 21.6 32.4#



#19

Methyl tert-butyl Ether

Concen: 0.641 ug/l

RT: 5.534 min Scan# 620

Delta R.T. -0.000 min

Lab File: VN073943.D

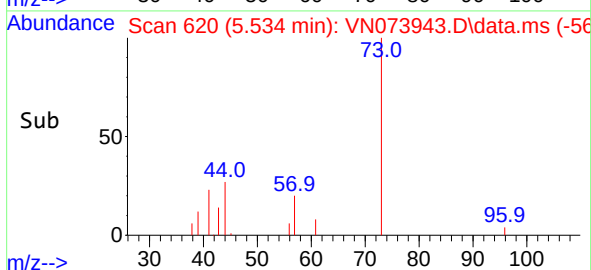
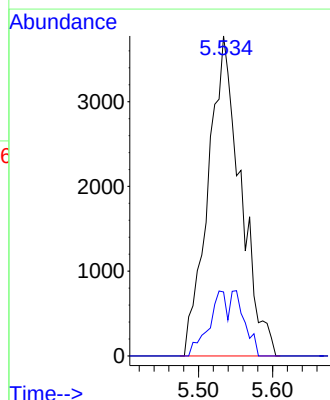
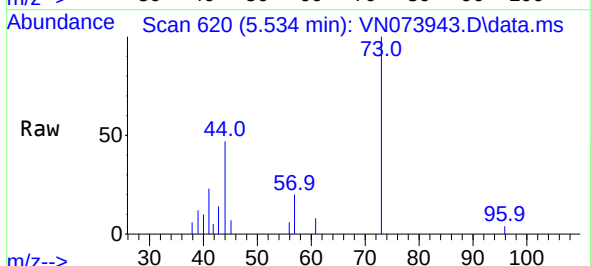
Acq: 16 Aug 2022 12:55

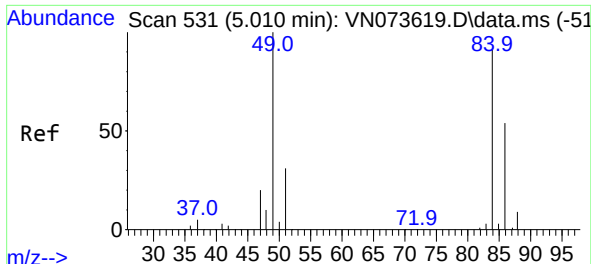
Tgt Ion: 73 Resp: 11512

Ion Ratio Lower Upper

73 100

57 20.0 17.6 26.4



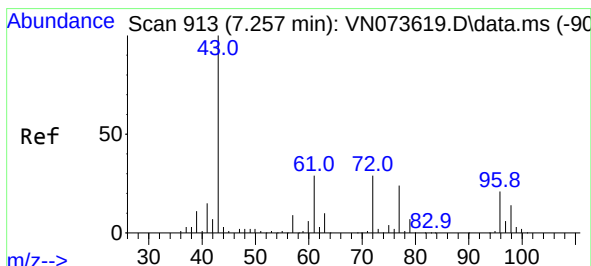
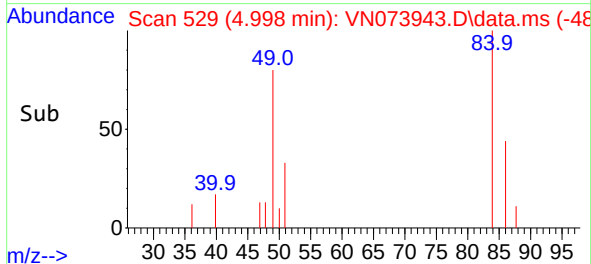
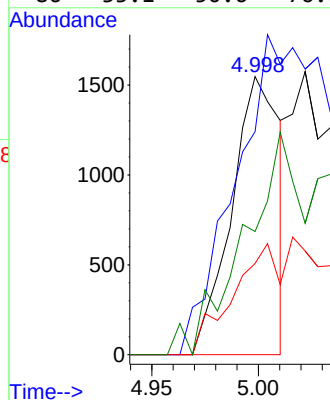
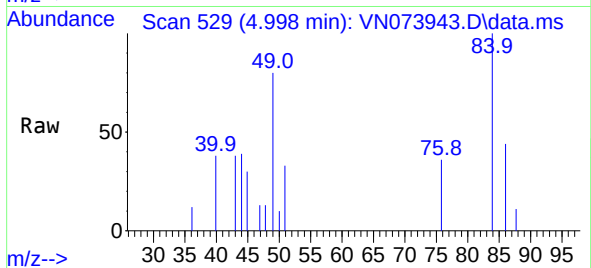


#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 4.998 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

Tgt Ion: 84 Resp: 2432

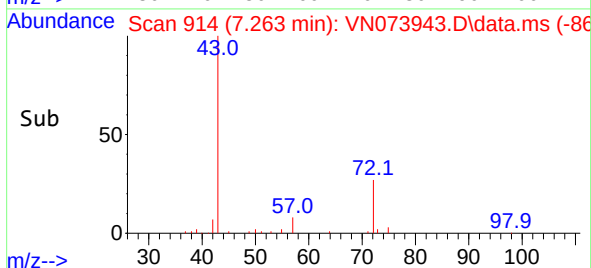
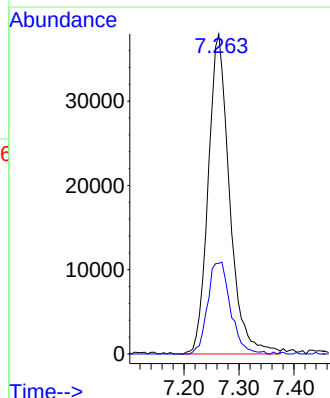
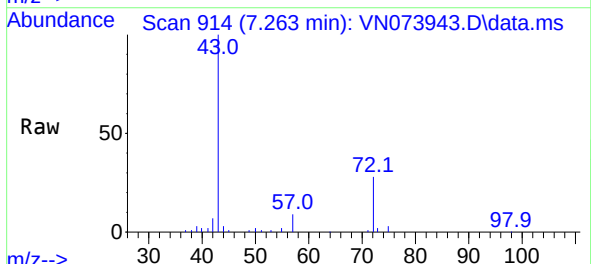
Ion	Ratio	Lower	Upper
84	100		
49	80.2	88.3	132.5#
51	32.8	28.2	42.2
86	33.1	50.6	76.0#

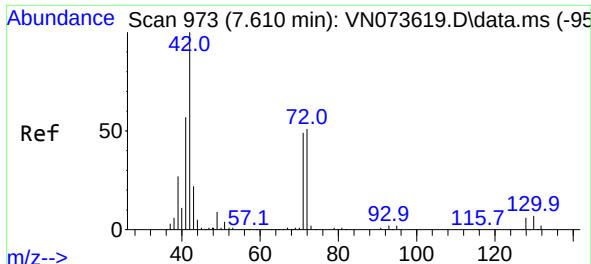


#25
2-Butanone
Concen: 22.284 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 43 Resp: 102611

Ion	Ratio	Lower	Upper
43	100		
72	28.3	23.7	35.5

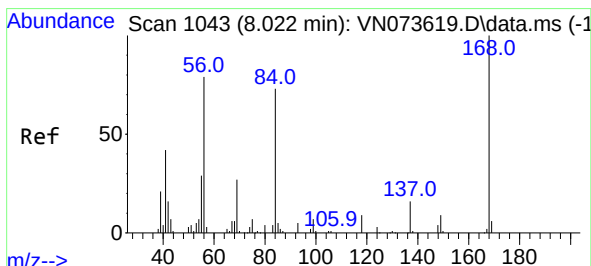
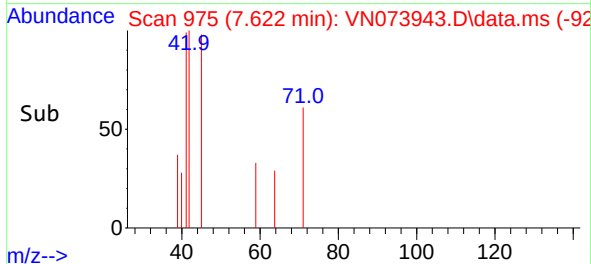
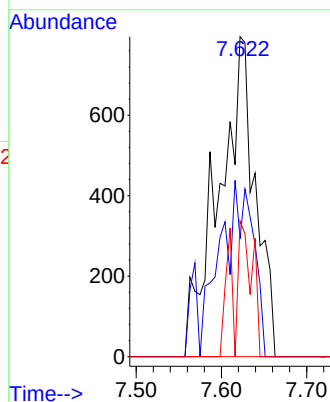
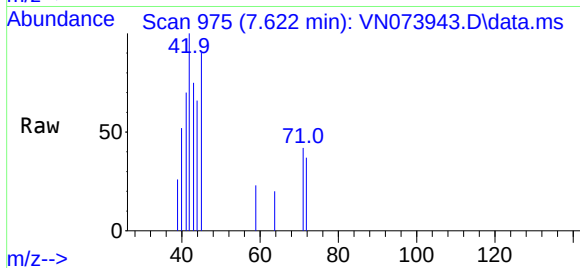




#29
Tetrahydrofuran
Concen: 0.797 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

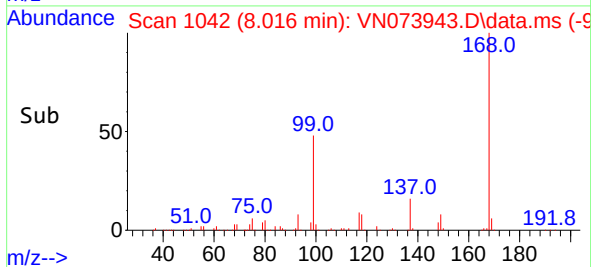
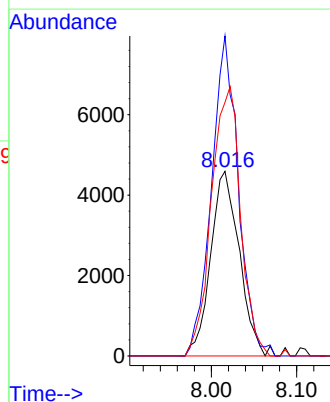
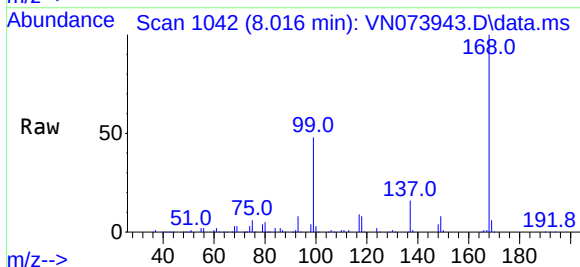
Instrument :
MSVOA_N
ClientSampleId :
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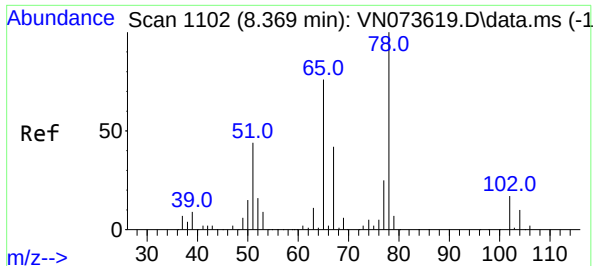
Tgt Ion: 42 Resp: 2353
Ion Ratio Lower Upper
42 100
72 29.2 39.7 59.5#
71 16.4 36.6 55.0#



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 56 Resp: 10767
Ion Ratio Lower Upper
56 100
69 173.4 27.8 41.8#
84 137.4 76.9 115.3#

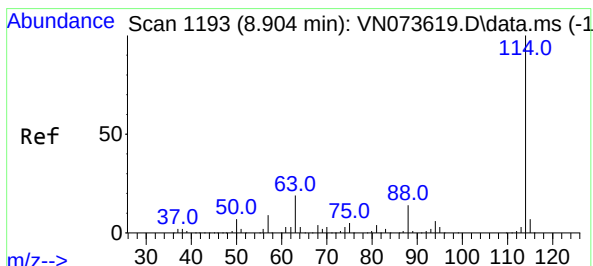
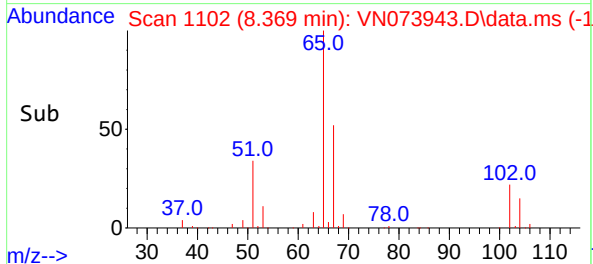
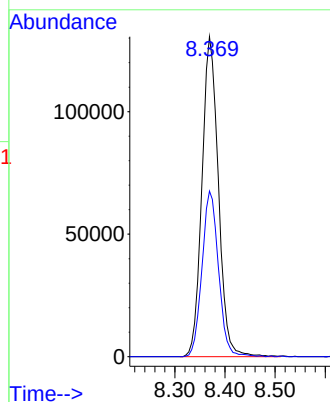
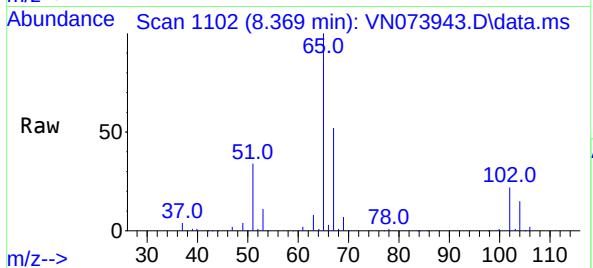




#33
1,2-Dichloroethane-d4
Concen: 48.346 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

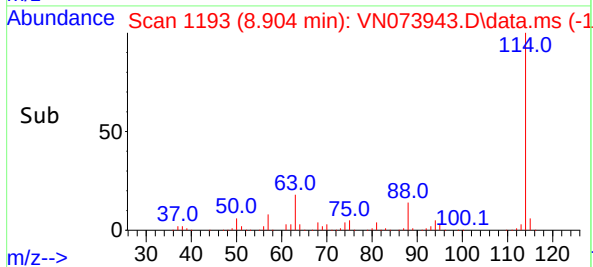
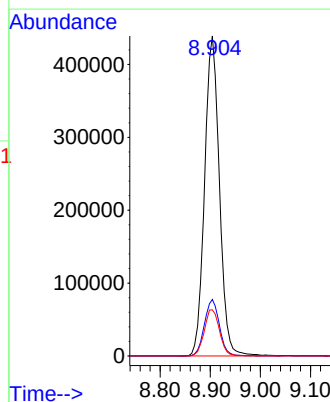
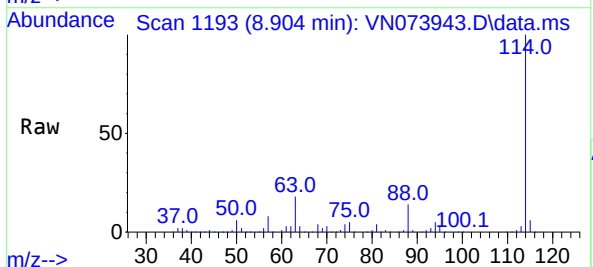
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

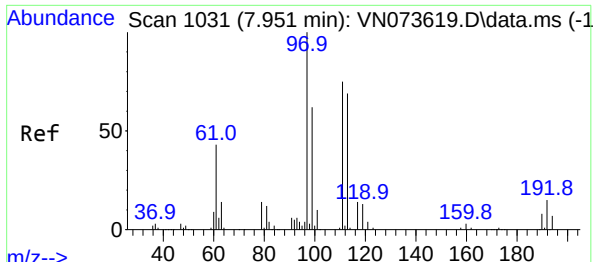
Tgt Ion: 65 Resp: 297590
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 114 Resp: 902565
Ion Ratio Lower Upper
114 100
63 17.7 0.0 40.0
88 14.4 0.0 32.6

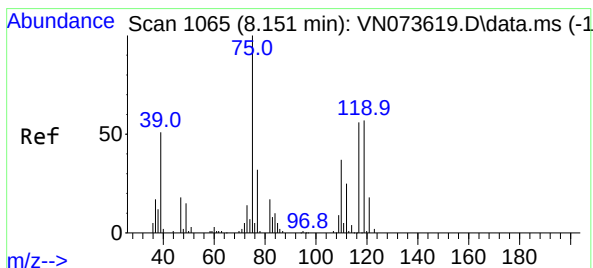
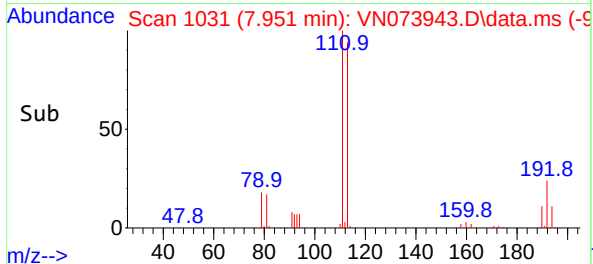
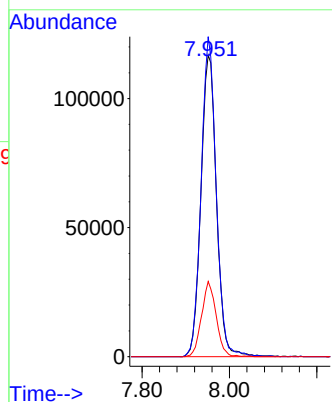
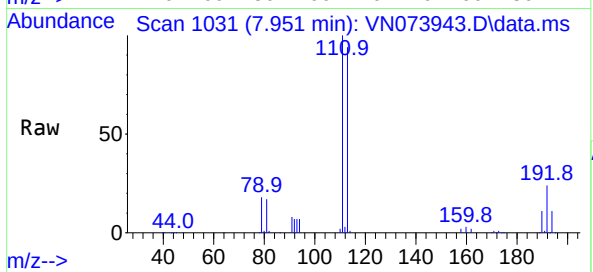




#35
Dibromofluoromethane
Concen: 54.287 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

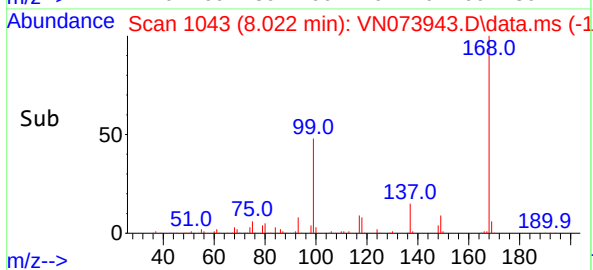
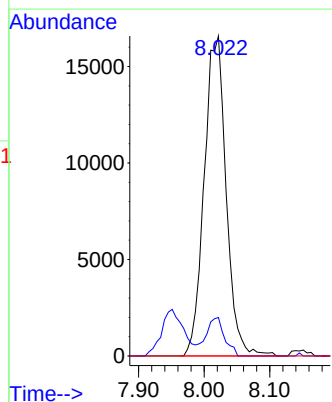
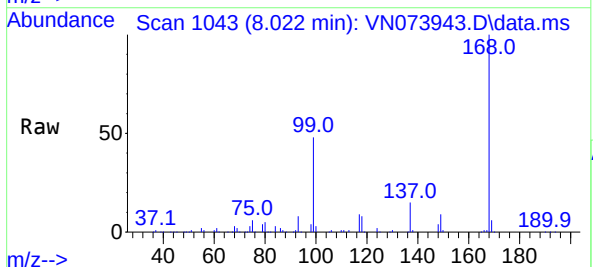
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

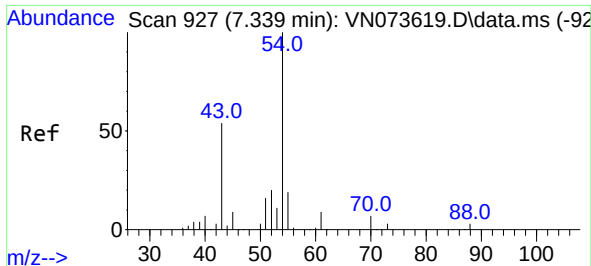
Tgt Ion:113 Resp: 289767
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 23.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.207 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 75 Resp: 38606
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 25.1 37.7#

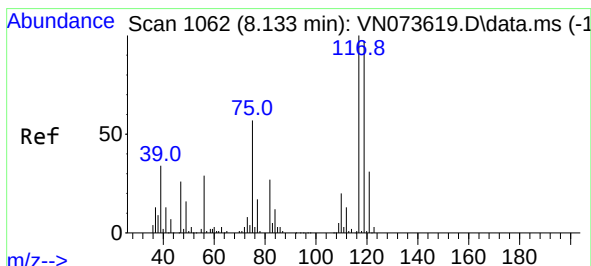
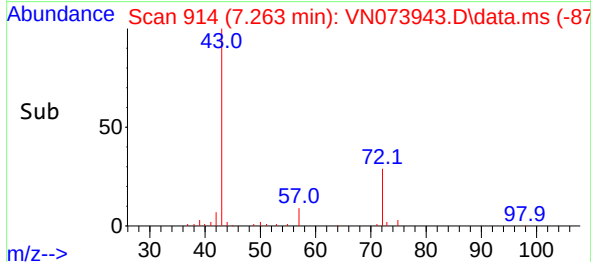
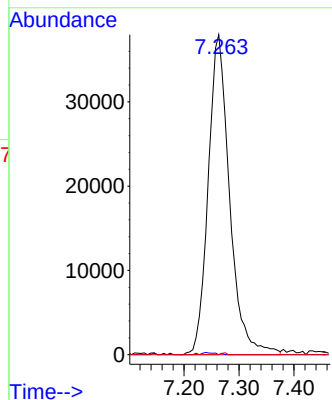
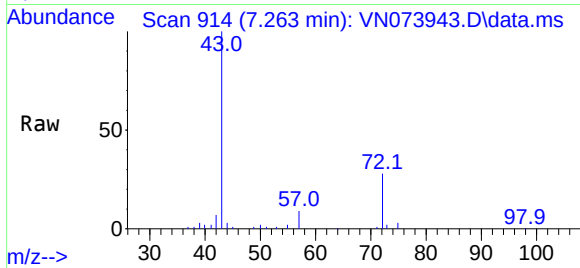




#37
Ethyl Acetate
Concen: 11.424 ug/l
RT: 7.263 min Scan# 914
Delta R.T. -0.076 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

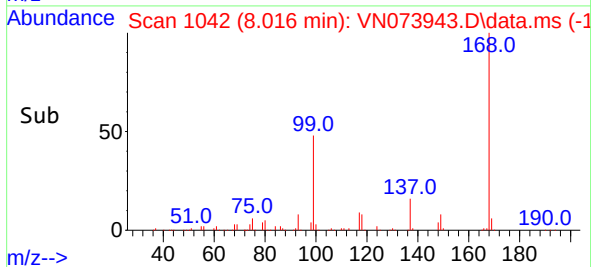
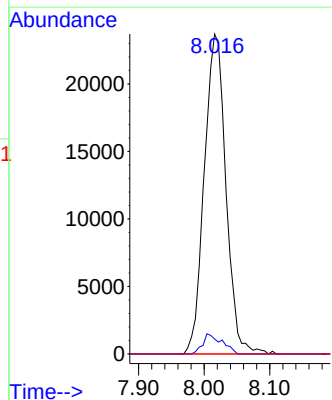
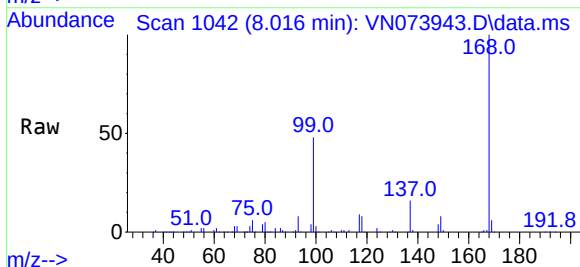
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

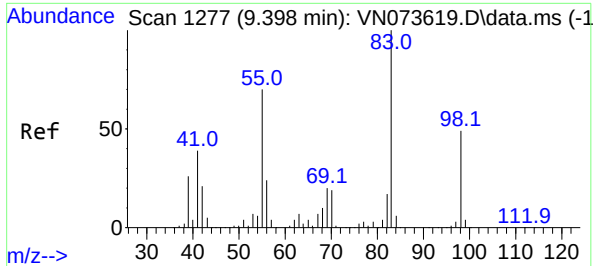
Tgt Ion: 43 Resp: 102611
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.1 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.433 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 117 Resp: 54516
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#

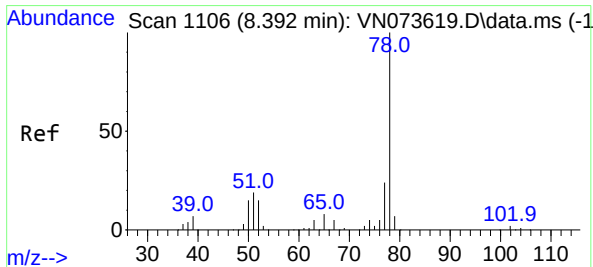
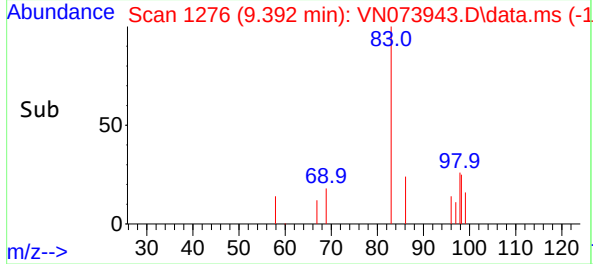
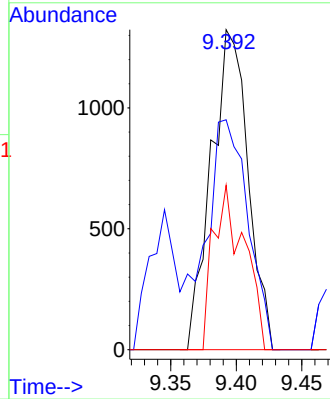
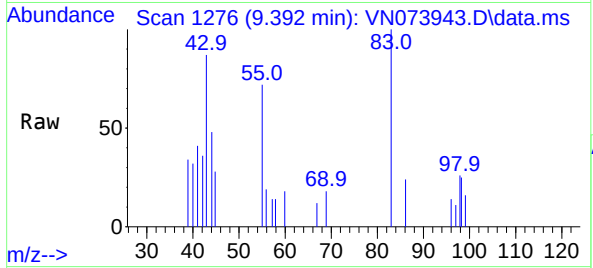




#39
Methylcyclohexane
Concen: 0.278 ug/l
RT: 9.392 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

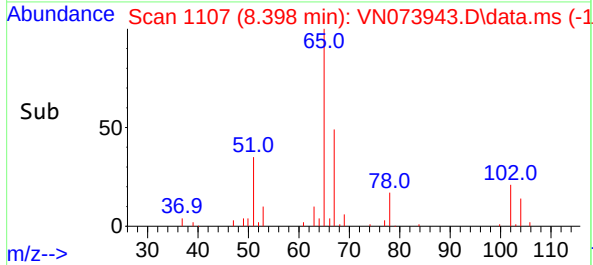
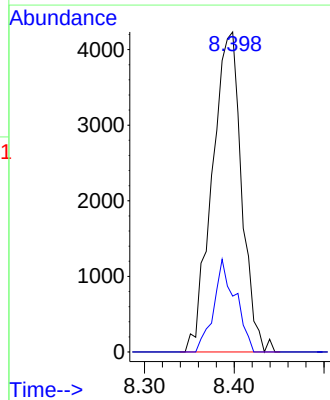
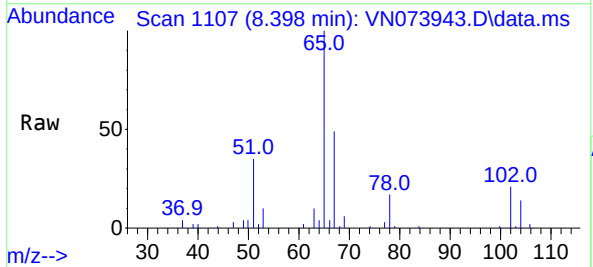
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

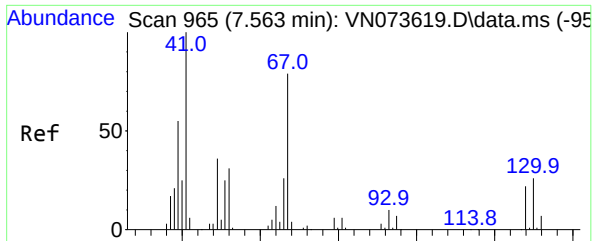
Tgt Ion: 83	Resp: 2581
Ion Ratio	Lower Upper
83	100
55	71.8 57.8 86.8
98	51.4 39.4 59.2



#40
Benzene
Concen: 0.413 ug/l
RT: 8.398 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 78	Resp: 9657
Ion Ratio	Lower Upper
78	100
77	17.5 19.4 29.0#



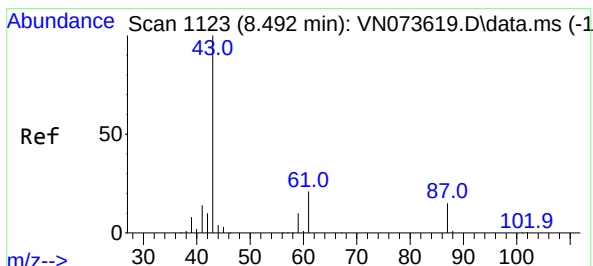
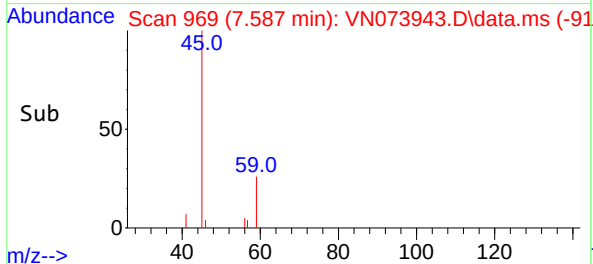
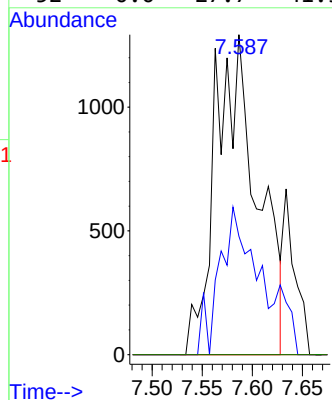
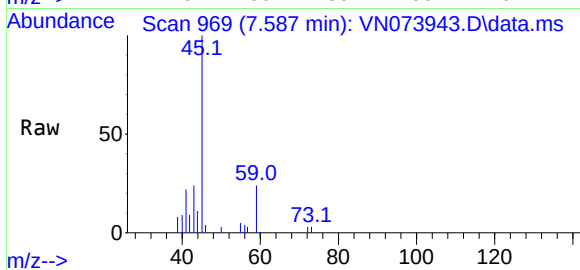


#41
Methacrylonitrile
Concen: 0.934 ug/l
RT: 7.587 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

Tgt Ion: 41 Resp: 3792

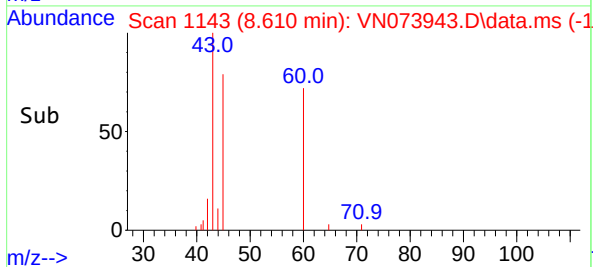
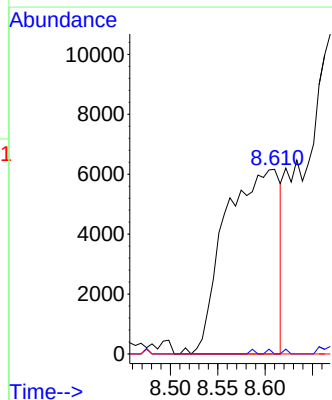
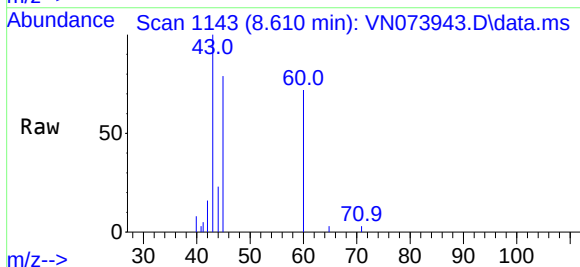
Ion	Ratio	Lower	Upper
41	100		
39	39.9	48.6	73.0#
67	0.0	73.4	110.2#
52	0.0	27.7	41.5#

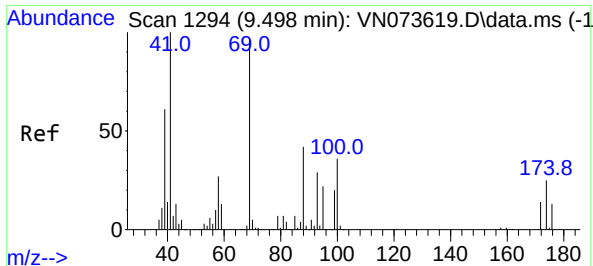


#43
Isopropyl Acetate
Concen: 1.924 ug/l
RT: 8.610 min Scan# 1143
Delta R.T. 0.118 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 43 Resp: 24613

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#





#48

Methyl methacrylate

Concen: 0.544 ug/l

RT: 9.469 min Scan# 1294

Delta R.T. -0.029 min

Lab File: VN073943.D

Acq: 16 Aug 2022 12:55

Instrument :

MSVOA_N

ClientSampleId :

GFD-TOTES

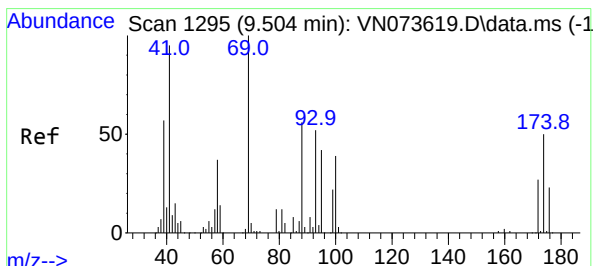
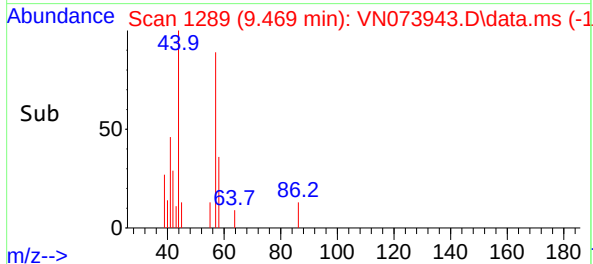
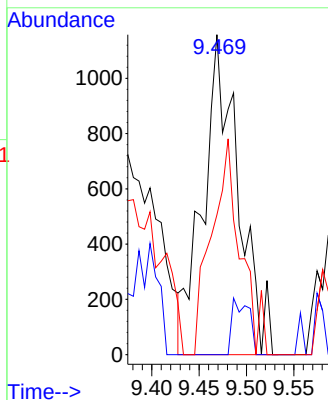
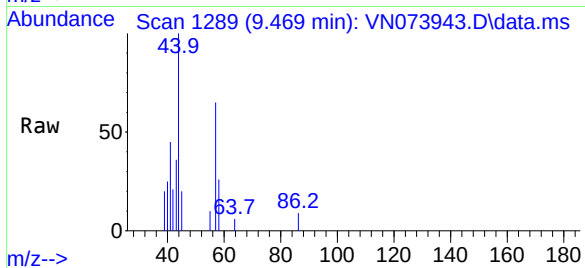
Tgt Ion: 41 Resp: 2979

Ion Ratio Lower Upper

41 100

69 8.3 74.7 112.1#

39 55.8 45.6 68.4



#49

1,4-Dioxane

Concen: 0.461 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VN073943.D

Acq: 16 Aug 2022 12:55

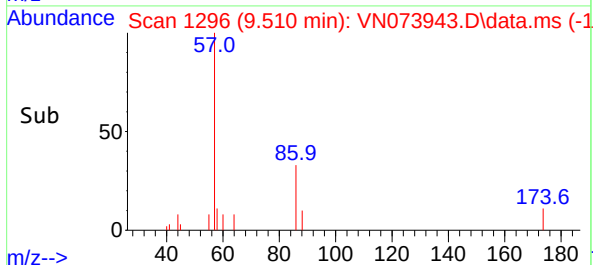
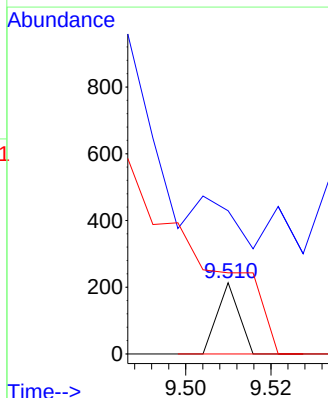
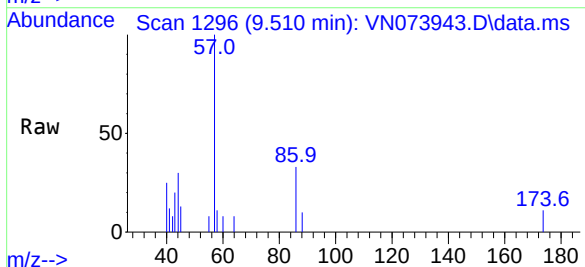
Tgt Ion: 88 Resp: 75

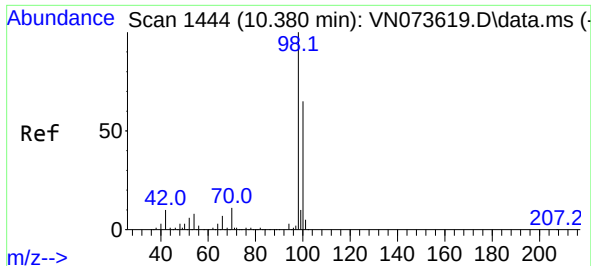
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 0.0 54.2 81.4#

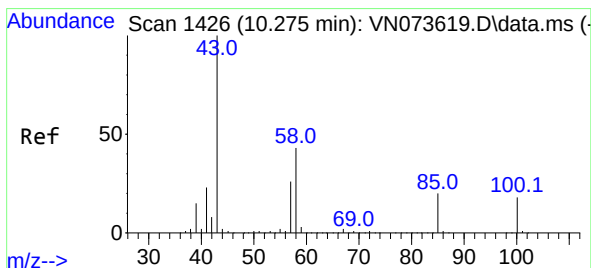
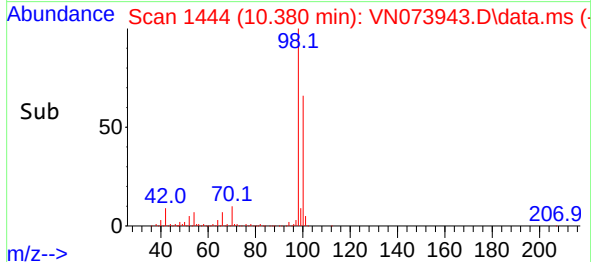
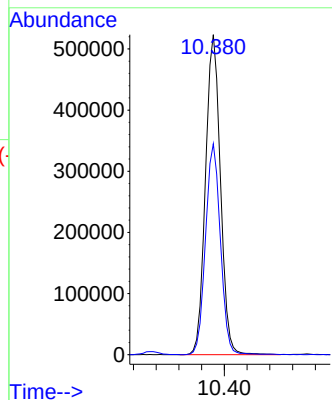
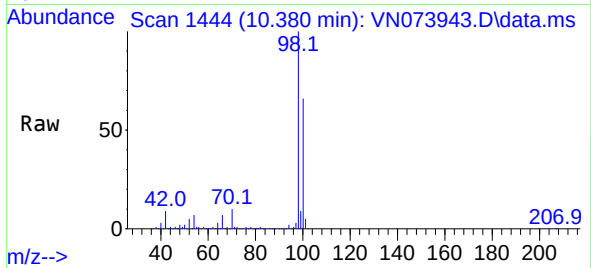




#50
Toluene-d8
Concen: 46.114 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

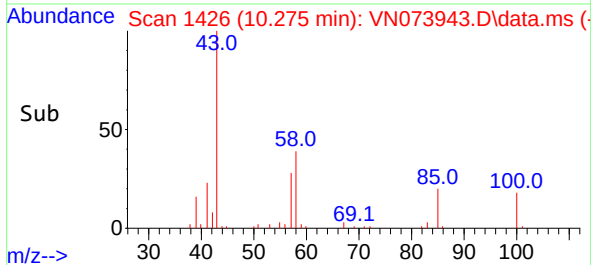
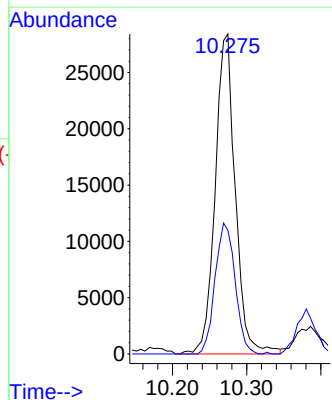
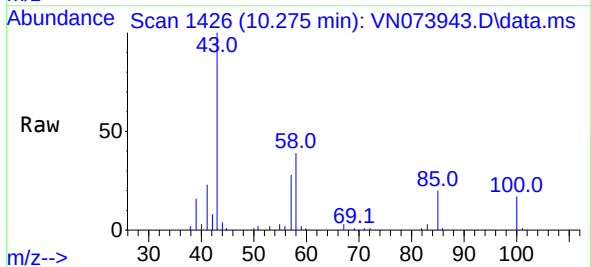
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

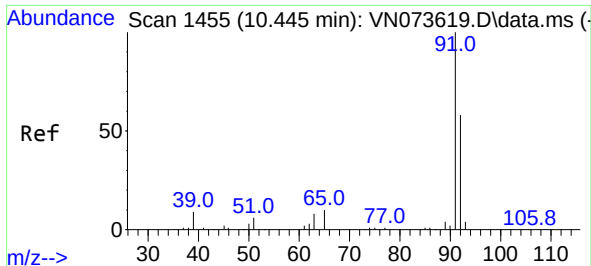
Tgt Ion: 98 Resp: 953277
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 6.188 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 43 Resp: 53528
Ion Ratio Lower Upper
43 100
58 40.7 34.1 51.1

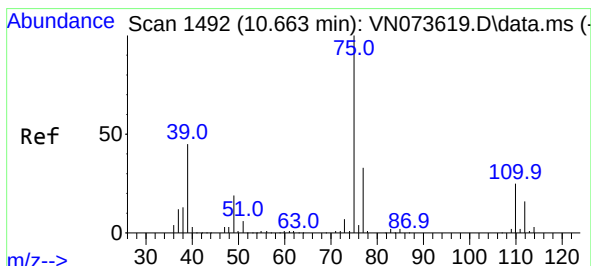
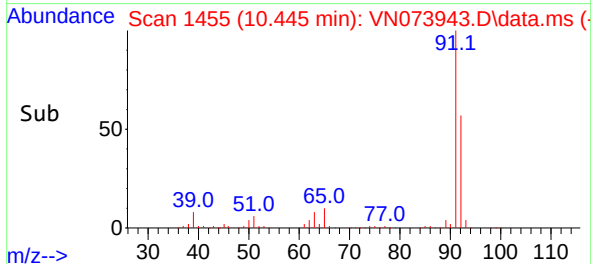
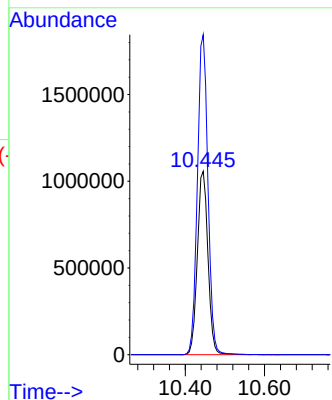
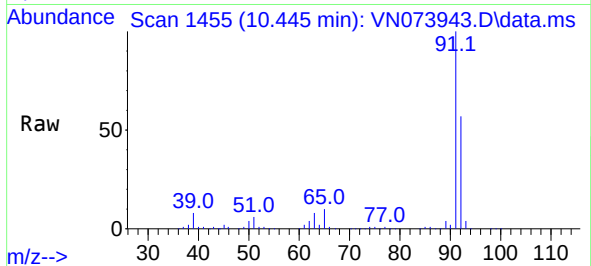




#52
Toluene
Concen: 121.678 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

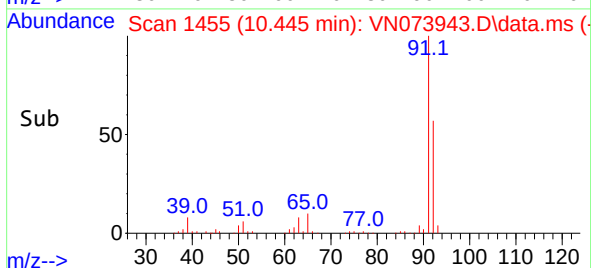
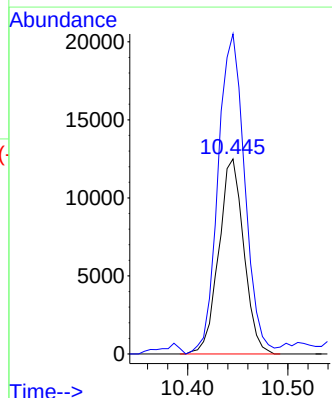
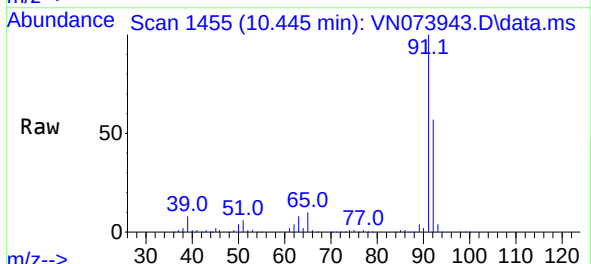
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

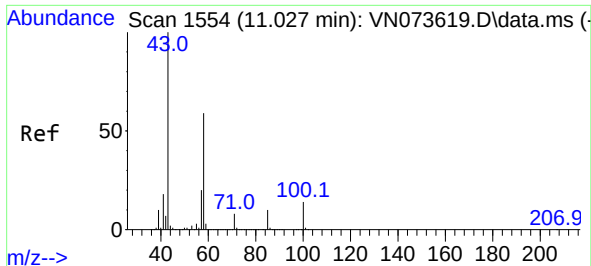
Tgt Ion: 92 Resp: 1952342
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 2.531 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.218 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 75 Resp: 21644
Ion Ratio Lower Upper
75 100
77 161.3 25.6 38.4#

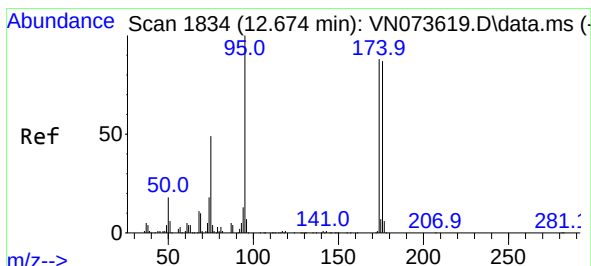
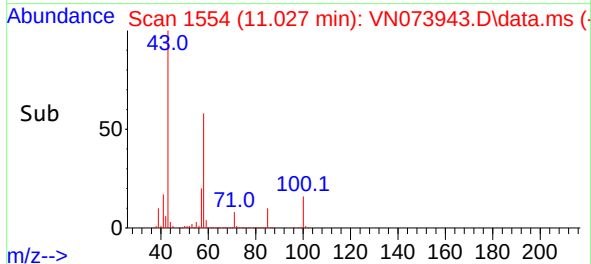
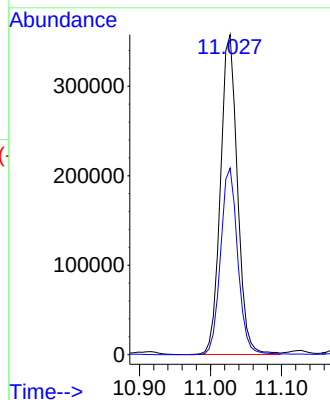
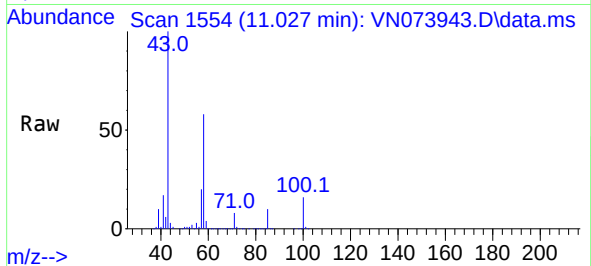




#59
2-Hexanone
Concen: 88.938 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

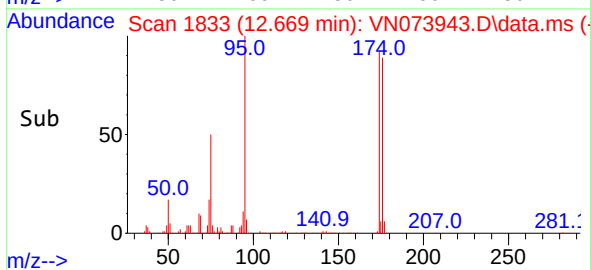
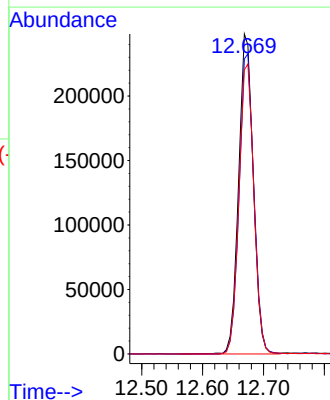
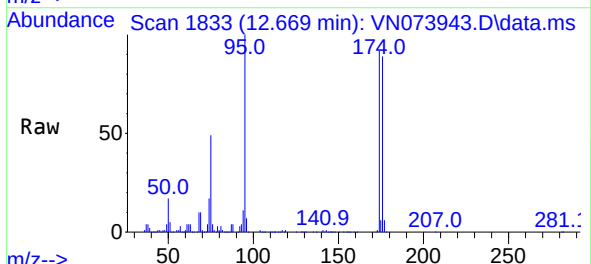
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

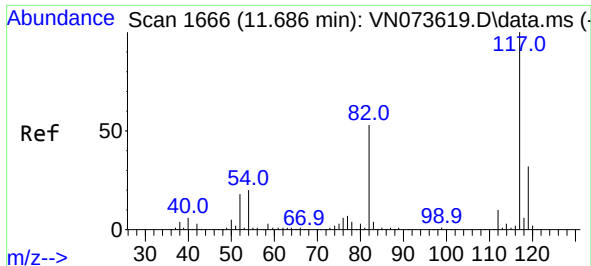
Tgt Ion: 43 Resp: 592133
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 60.438 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 95 Resp: 414650
Ion Ratio Lower Upper
95 100
174 94.1 0.0 167.6
176 92.0 0.0 163.4

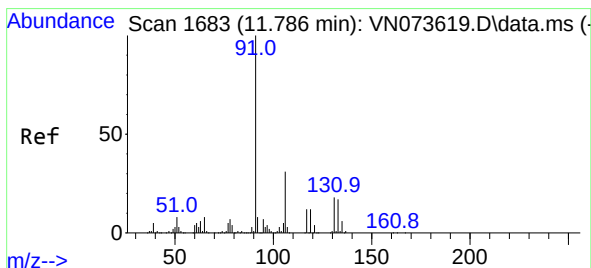
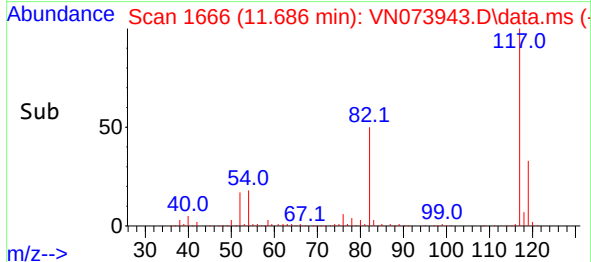
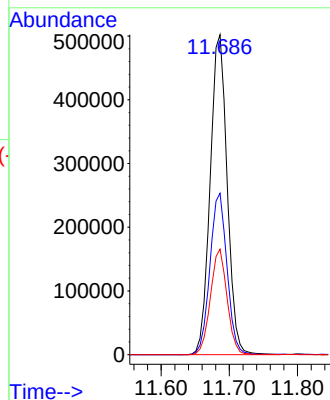
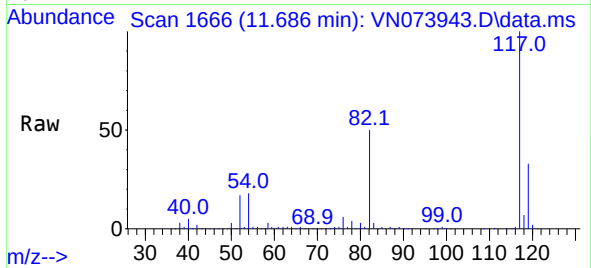




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

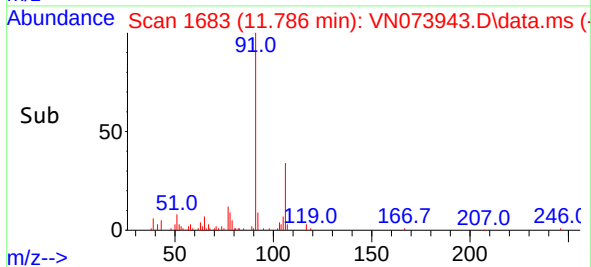
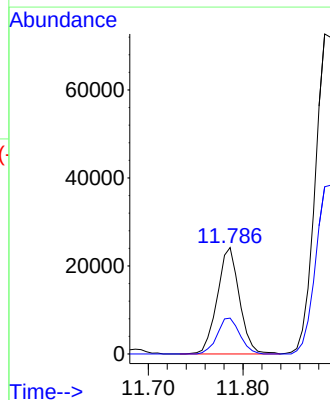
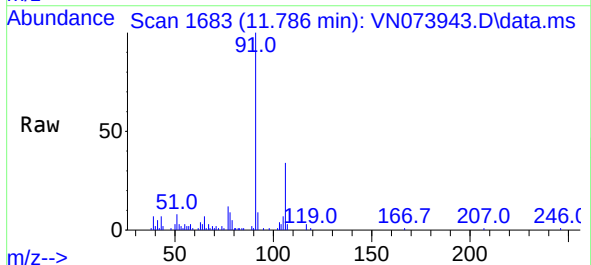
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

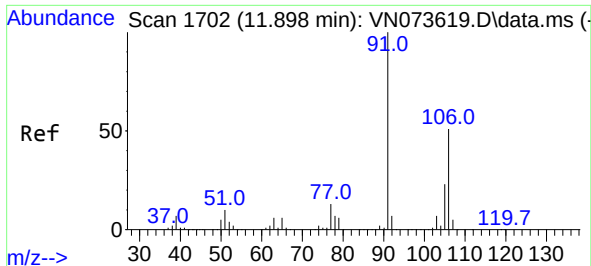
Tgt Ion:117 Resp: 872195
Ion Ratio Lower Upper
117 100
82 50.4 44.2 66.2
119 33.0 25.4 38.0



#67
Ethyl Benzene
Concen: 1.277 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 91 Resp: 39381
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

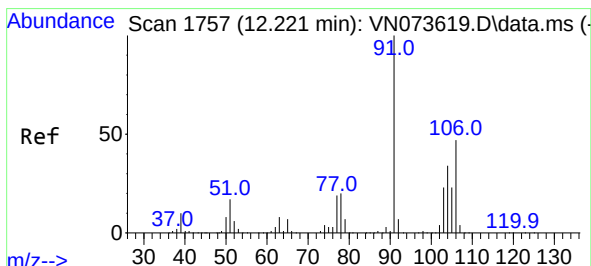
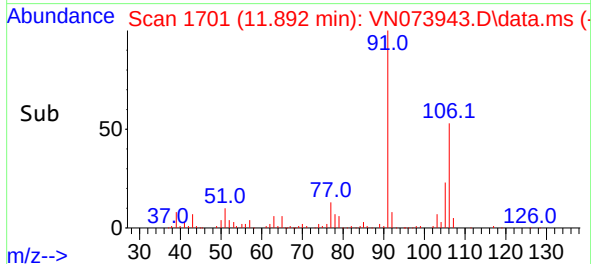
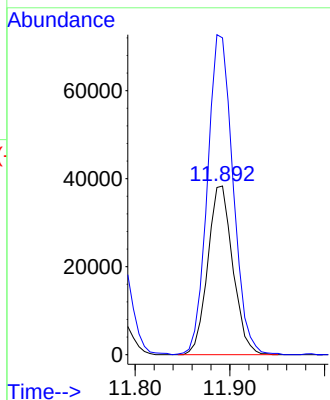
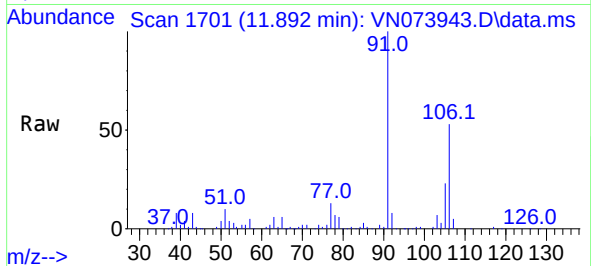




#68
m/p-Xylenes
Concen: 5.611 ug/l
RT: 11.892 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

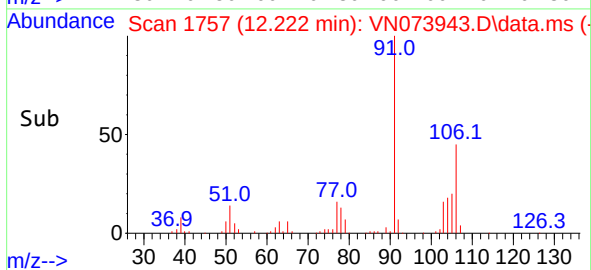
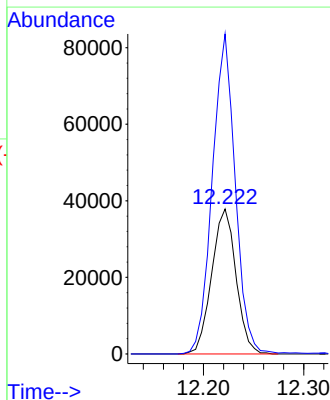
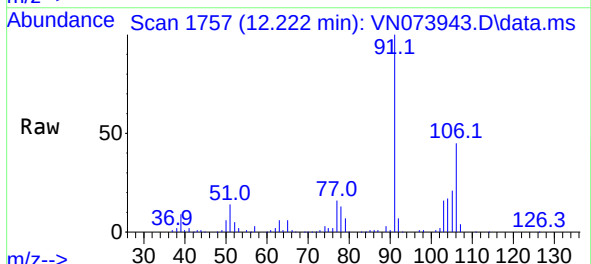
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

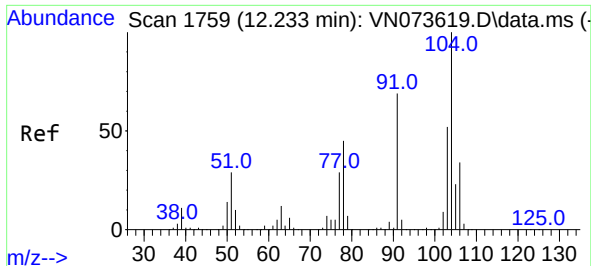
Tgt Ion:106 Resp: 70283
Ion Ratio Lower Upper
106 100
91 194.2 158.9 238.3



#69
o-Xylene
Concen: 5.079 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion:106 Resp: 63796
Ion Ratio Lower Upper
106 100
91 208.6 106.0 318.0

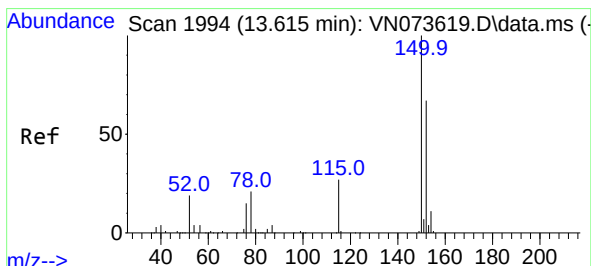
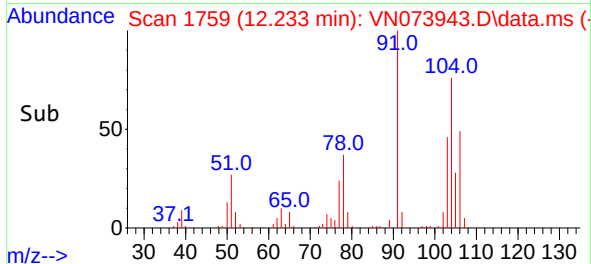
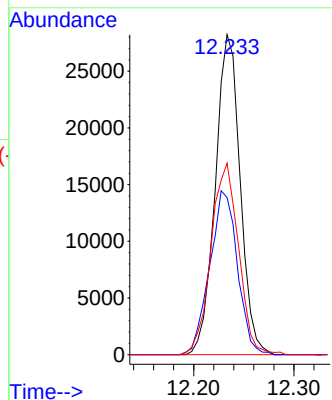
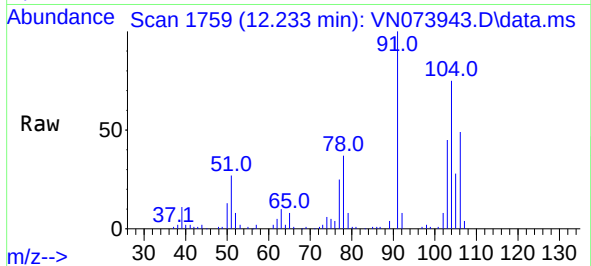




#70
Styrene
Concen: 2.475 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

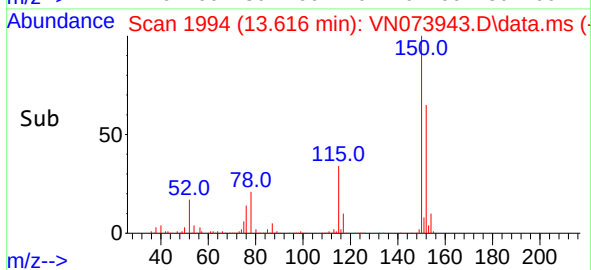
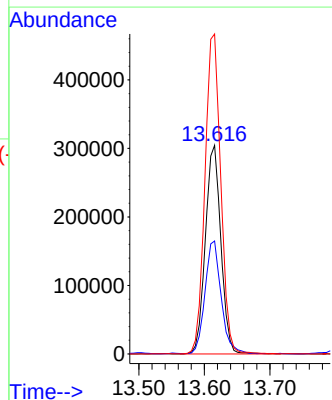
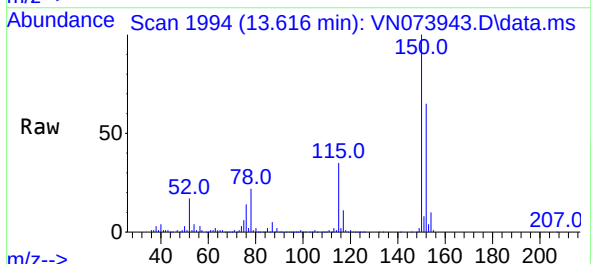
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

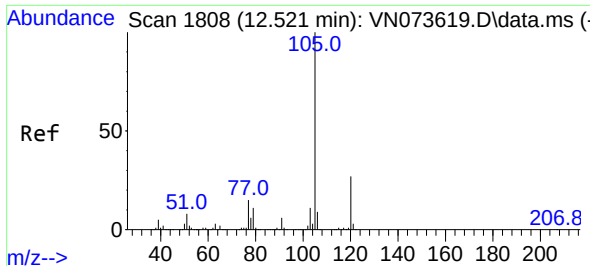
Tgt Ion:104 Resp: 48676
Ion Ratio Lower Upper
104 100
78 56.9 39.5 59.3
103 66.2 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion:152 Resp: 501891
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 156.0 0.0 356.2

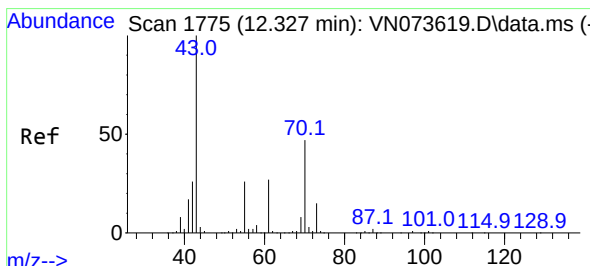
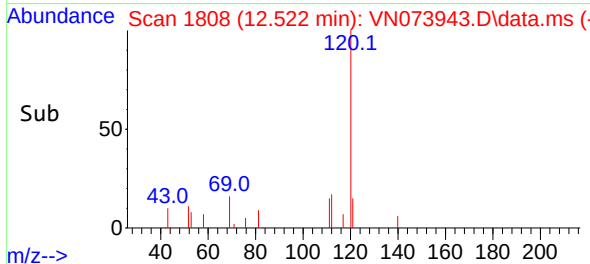
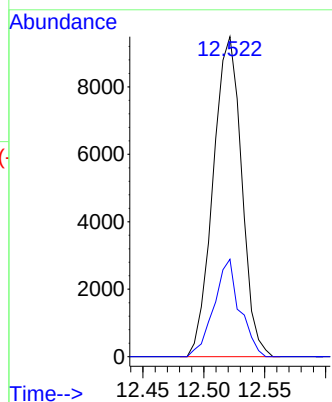
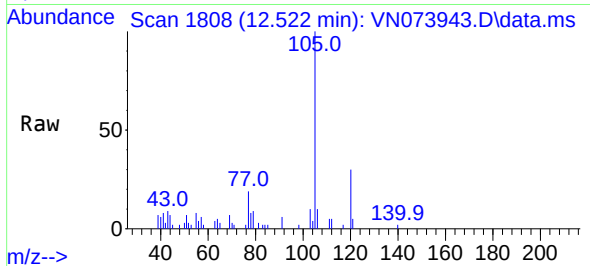




#73
Isopropylbenzene
Concen: 0.423 ug/l
RT: 12.522 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

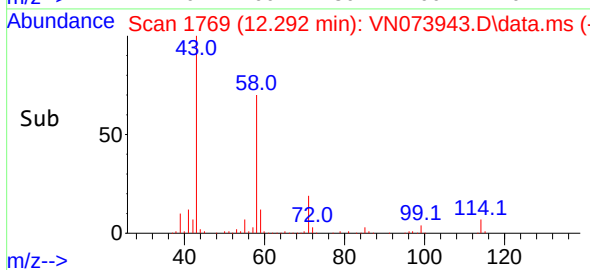
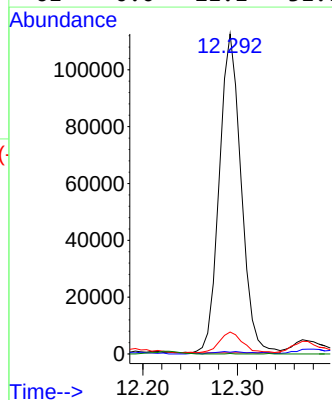
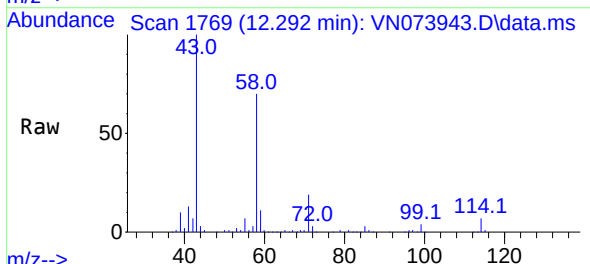
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

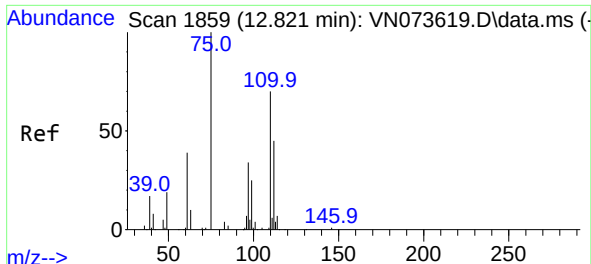
Tgt Ion:105 Resp: 15459
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4



#74
N-ethyl acetate
Concen: 12.977 ug/l
RT: 12.292 min Scan# 1769
Delta R.T. -0.035 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 43 Resp: 179286
Ion Ratio Lower Upper
43 100
70 1.1 39.0 58.4#
55 6.9 21.1 31.7#
61 0.0 21.1 31.7#

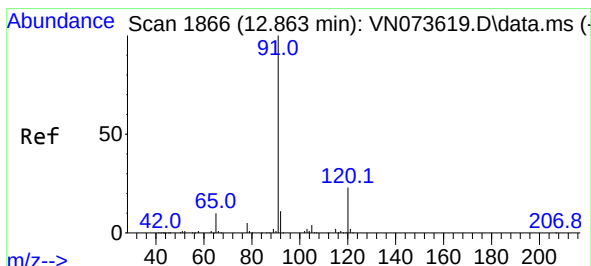
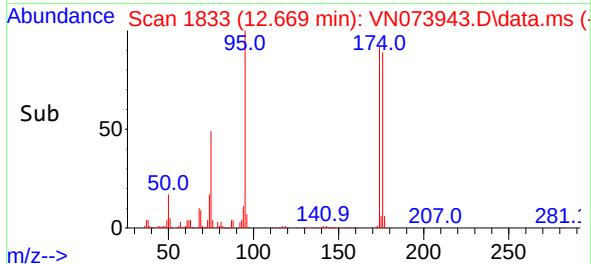
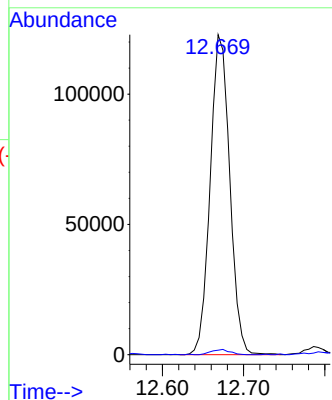
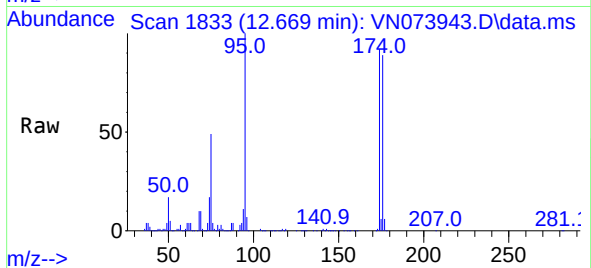




#76
1,2,3-Trichloropropane
Concen: 19.675 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

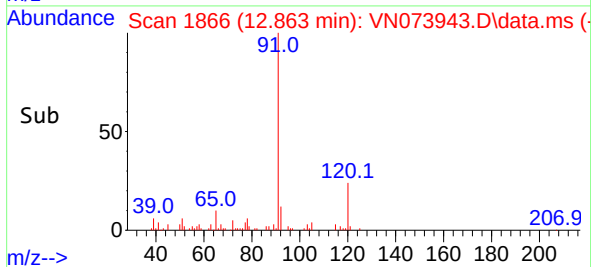
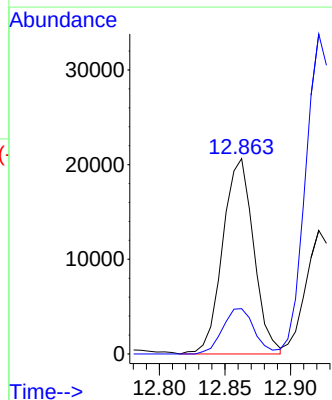
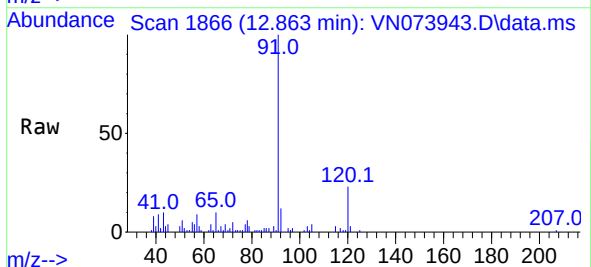
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

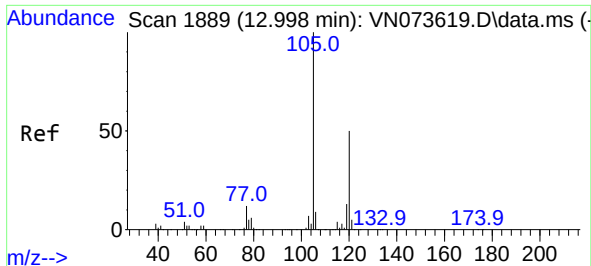
Tgt Ion: 75 Resp: 205243
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#78
n-propylbenzene
Concen: 0.871 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 91 Resp: 33916
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5

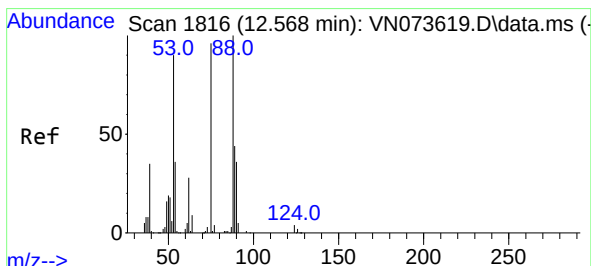
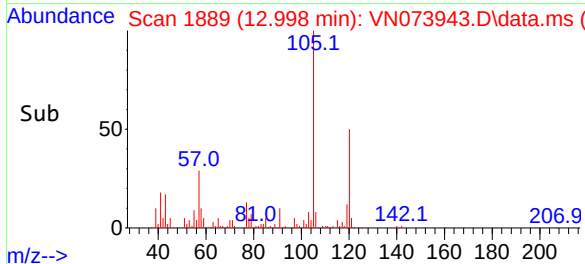
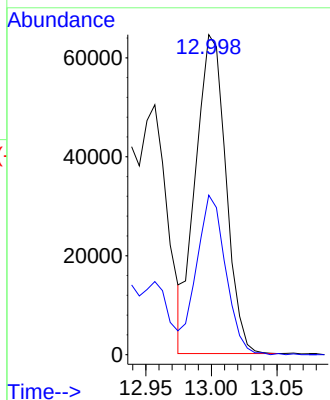
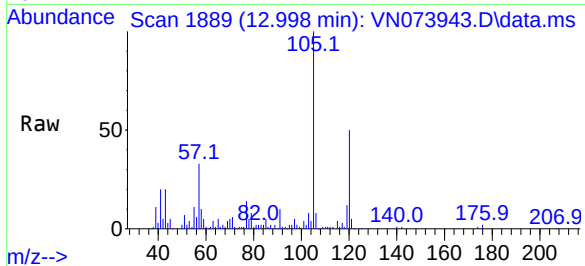




#80
1,3,5-Trimethylbenzene
Concen: 3.481 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

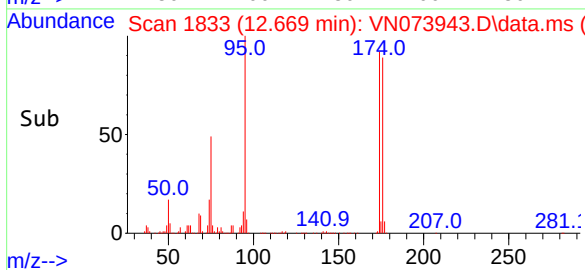
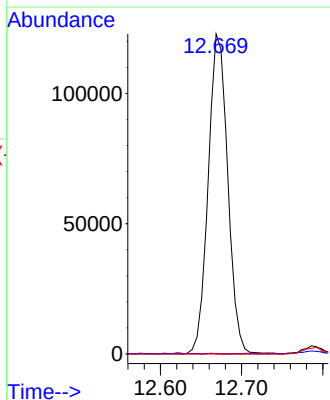
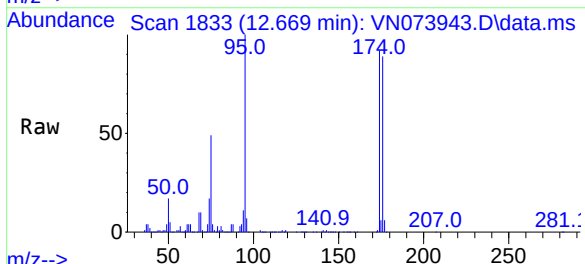
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

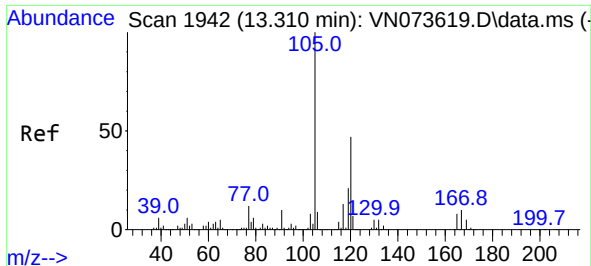
Tgt Ion:105 Resp: 103465
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 55.959 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.101 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 75 Resp: 205243
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

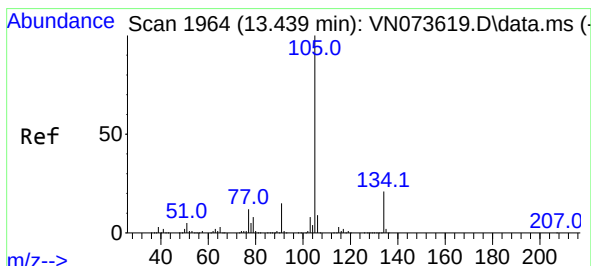
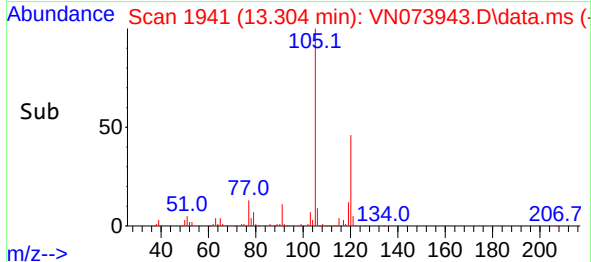
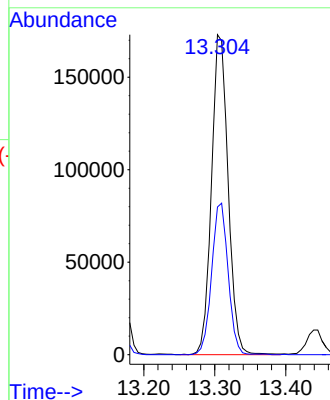
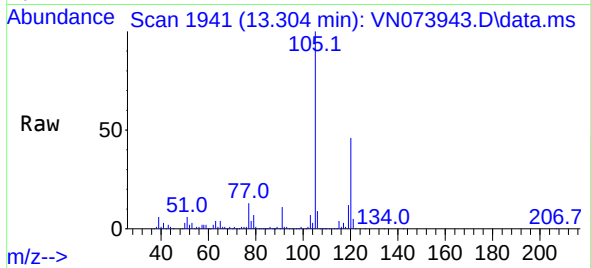




#84
1,2,4-Trimethylbenzene
Concen: 9.464 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

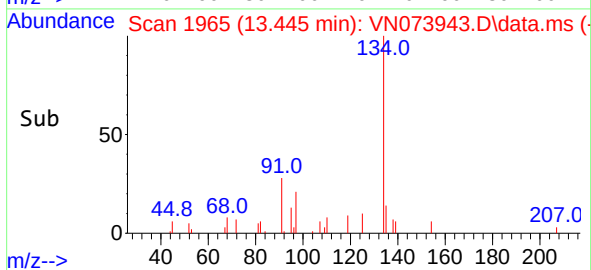
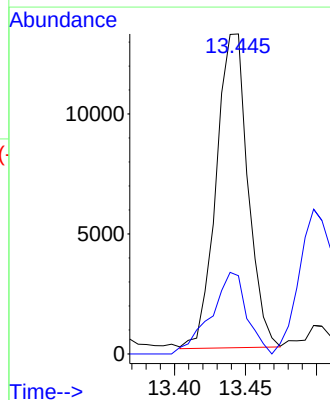
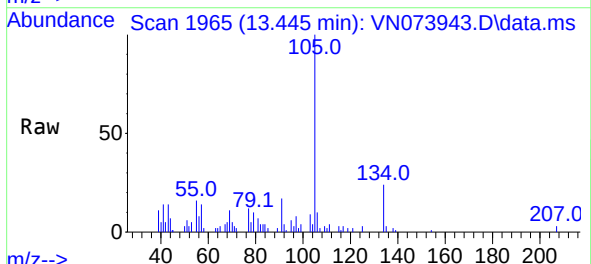
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

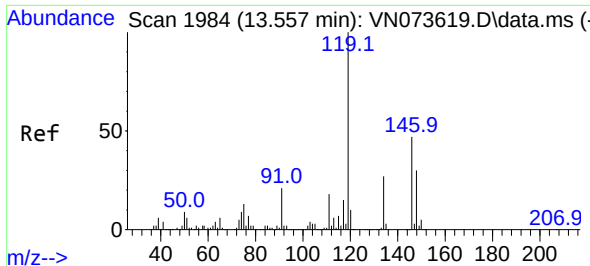
Tgt Ion:105 Resp: 280945
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.574 ug/l
RT: 13.445 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion:105 Resp: 20363
Ion Ratio Lower Upper
105 100
134 29.2 10.4 31.1

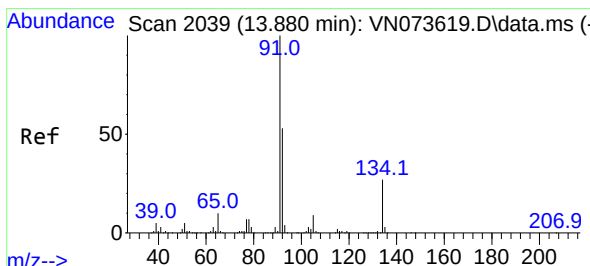
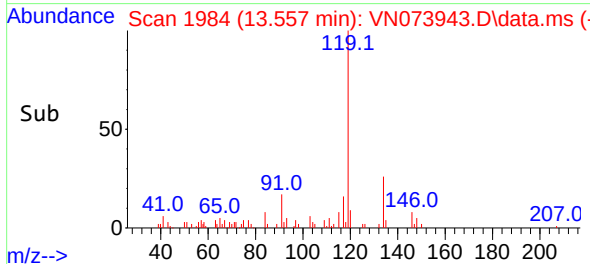
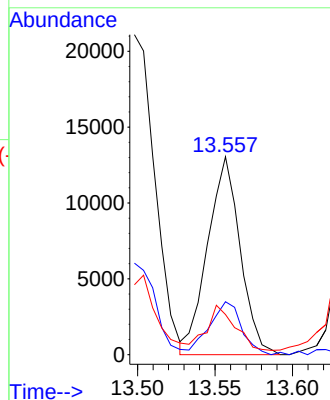
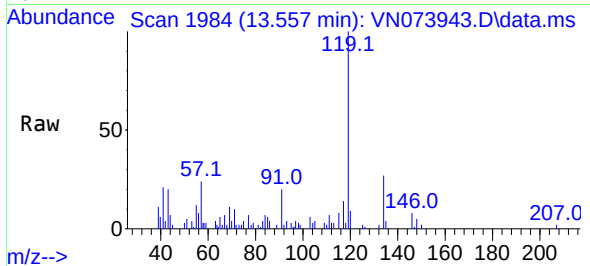




#86
p-Isopropyltoluene
Concen: 0.632 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

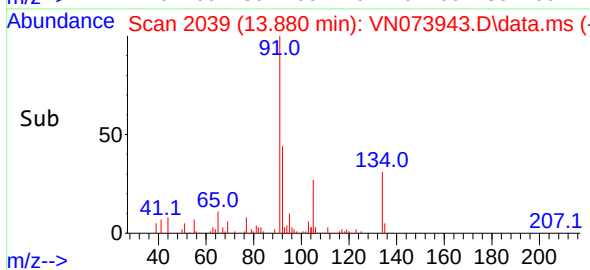
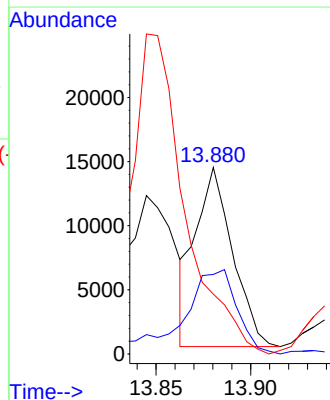
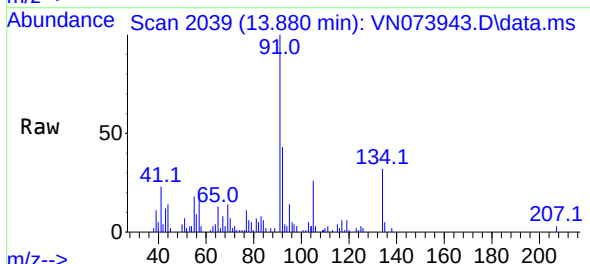
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

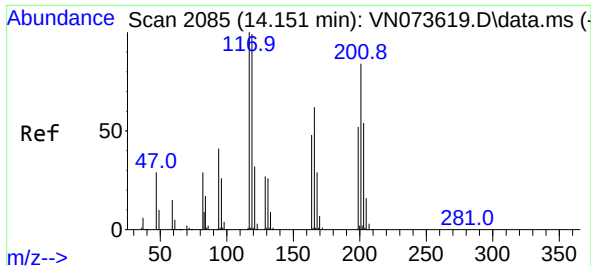
Tgt Ion:	119	Resp:	19090
Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.8
91	19.4	11.3	33.9



#89
n-Butylbenzene
Concen: 0.795 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion:	91	Resp:	19010
Ion	Ratio	Lower	Upper
91	100		
92	65.6	26.9	80.7
134	0.0	13.6	40.8#

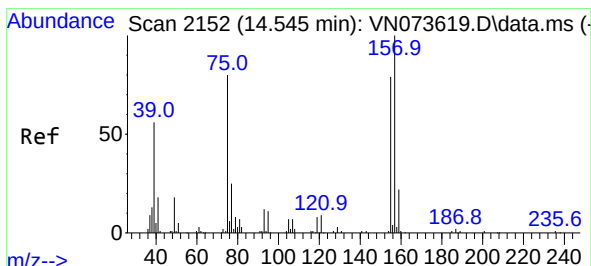
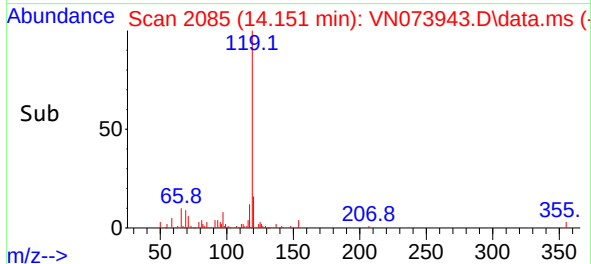
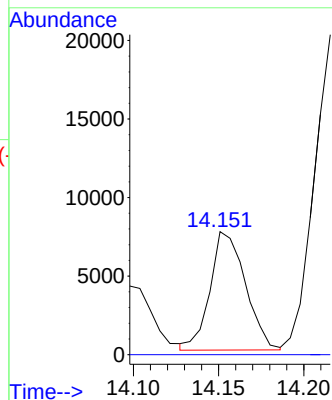
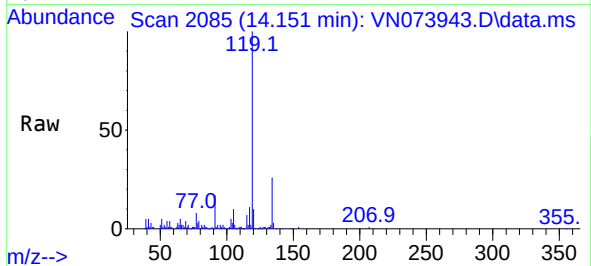




#90
Hexachloroethane
Concen: 1.973 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

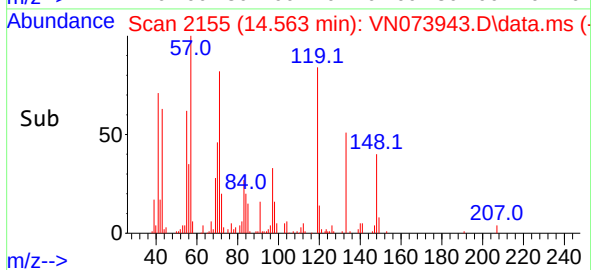
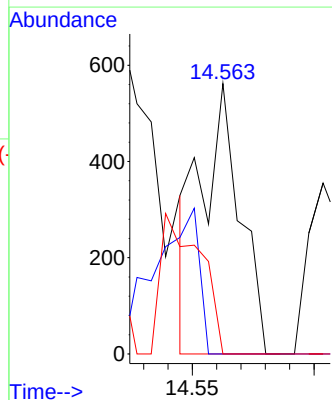
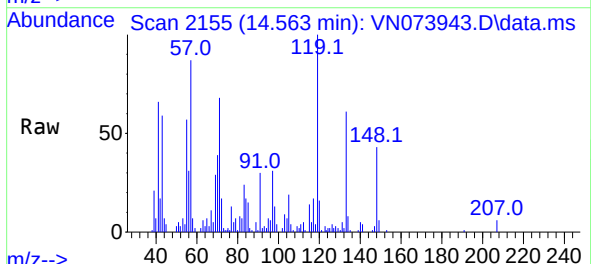
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

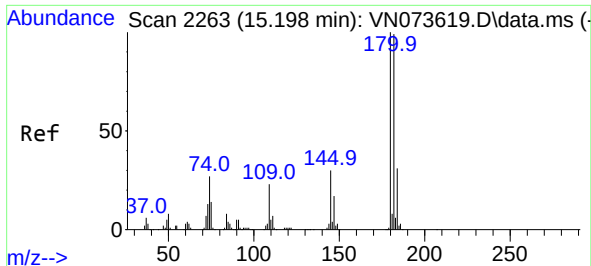
Tgt Ion:117 Resp: 10895
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.216 ug/l
RT: 14.563 min Scan# 2155
Delta R.T. 0.018 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

Tgt Ion: 75 Resp: 626
Ion Ratio Lower Upper
75 100
155 60.9 44.9 134.5
157 0.0 59.0 176.8#

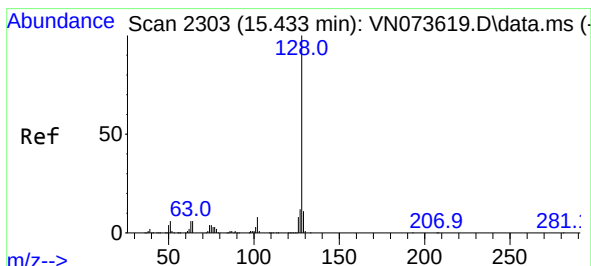
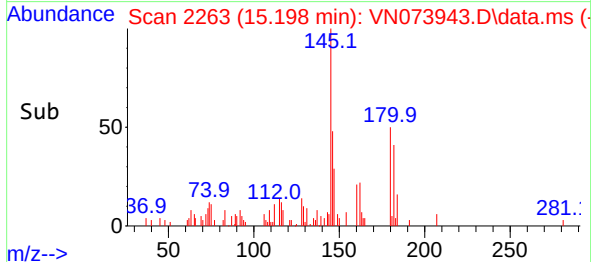
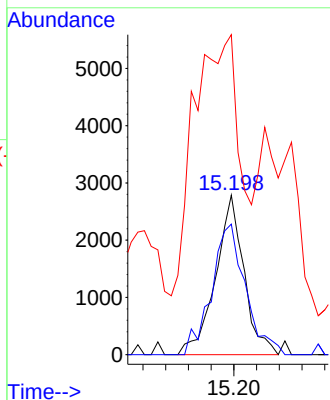
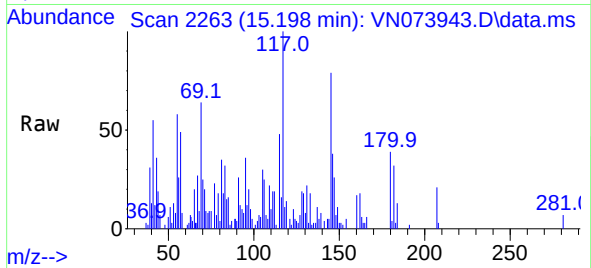




#93
1,2,4-Trichlorobenzene
Concen: 0.449 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

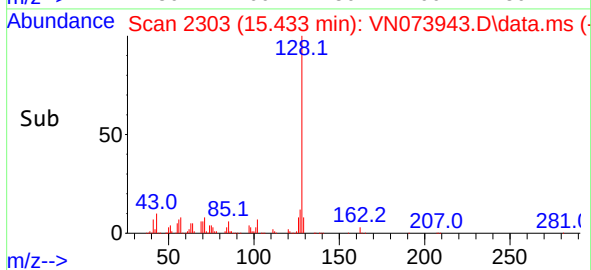
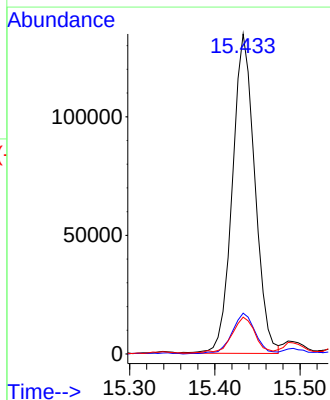
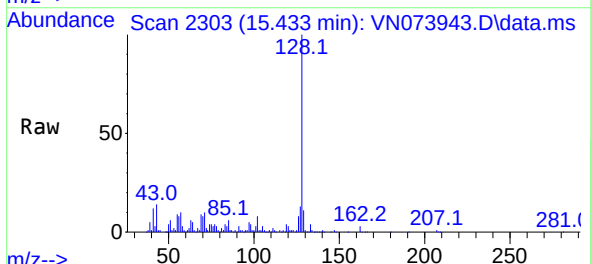
Instrument :
MSVOA_N
ClientSampleId :
GFD-TOTES

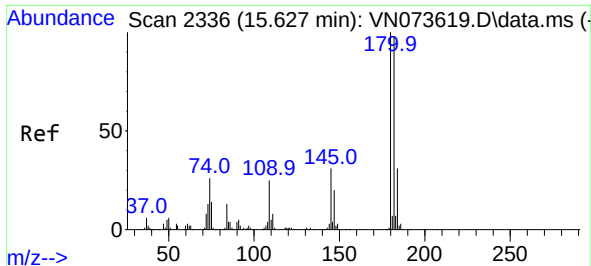
Tgt Ion:180 Resp: 4837
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.5
145 262.8 14.5 43.5#



#95
Naphthalene
Concen: 6.994 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073943.D
Acq: 16 Aug 2022 12:55

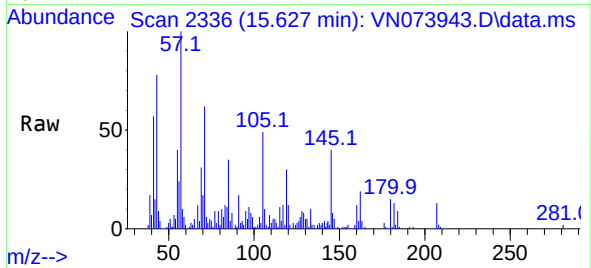
Tgt Ion:128 Resp: 245852
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.565 ug/l
 RT: 15.627 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN073943.D
 Acq: 16 Aug 2022 12:55

Instrument :
 MSVOA_N
 ClientSampleId :
 GFD-TOTES



Tgt Ion:	180	Resp:	6302
Ion	Ratio	Lower	Upper
180	100		
182	83.0	47.8	143.3
145	196.5	15.5	46.5#

