

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083972.D
 Acq On : 18 Sep 2024 09:08
 Operator : JC\MD
 Sample : P3964-02
 Misc : 11.34g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2

Quant Time: Sep 18 09:27:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	196821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157412	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141878	47.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	8.165	113	100828	46.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	10.565	98	421039	56.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.060%#
62) 4-Bromofluorobenzene	12.853	95	179655	58.464	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	116.920%

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	252	Below Cal	#	41
5) Bromomethane	2.895	94	312	0.217	ug/l #	48
11) Tert butyl alcohol	5.489	59	5507	13.857	ug/l #	71
13) Acrolein	4.383	56	4593	11.713	ug/l #	75
14) Allyl chloride	5.106	41	3243	0.855	ug/l #	78
15) Acrylonitrile	5.789	53	1932	1.788	ug/l #	39
16) Acetone	4.377	43	15178	12.758	ug/l #	56
18) Methyl Acetate	5.018	43	6420	0.763	ug/l #	65
23) Vinyl Acetate	6.577	43	3375	0.590	ug/l #	71
25) 2-Butanone	7.494	43	7303	4.670	ug/l #	68
28) Bromochloromethane	8.006	49	834	0.440	ug/l #	14
29) Tetrahydrofuran	7.835	42	705	0.762	ug/l #	32
30) Chloroform	7.924	83	24330	5.094	ug/l #	17
31) Cyclohexane	8.218	56	117264	27.339	ug/l #	56
36) 1,1-Dichloropropene	8.218	75	18444	5.688	ug/l #	53
37) Ethyl Acetate	7.494	43	7303	2.481	ug/l #	68
38) Carbon Tetrachloride	8.218	117	23474	6.381	ug/l #	16
39) Methylcyclohexane	9.600	83	216735	58.718	ug/l #	82
40) Benzene	8.600	78	65703	6.732	ug/l	100
41) Methacrylonitrile	7.824	41	6471	3.717	ug/l #	51
43) Isopropyl Acetate	8.700	43	42863	8.036	ug/l #	57
45) 1,2-Dichloropropane	9.641	63	1216	0.515	ug/l #	1
47) Bromodichloromethane	9.871	83	84533	23.639	ug/l #	25
48) Methyl methacrylate	9.641	41	199250	78.734	ug/l #	43
51) 4-Methyl-2-Pentanone	10.494	43	396074	136.409	ug/l #	76
52) Toluene	10.629	92	951122	159.313	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	76261	34.216	ug/l #	1
56) Ethyl methacrylate	10.847	69	37299	10.877	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.141	63	9572	7.747	ug/l #	46
59) 2-Hexanone	11.171	43	141163	65.723	ug/l #	30
60) Dibromochloromethane	11.276	129	1622	0.650	ug/l	84
66) 1,1,1,2-Tetrachloroethane	11.959	131	590	0.262	ug/l #	9
67) Ethyl Benzene	11.965	91	7590336	658.390	ug/l	100
68) m/p-Xylenes	12.065	106	20157648	4709.554	ug/l #	1
69) o-Xylene	12.400	106	10985818	2651.334	ug/l	70
70) Styrene	12.400	104	560952	82.491	ug/l #	1

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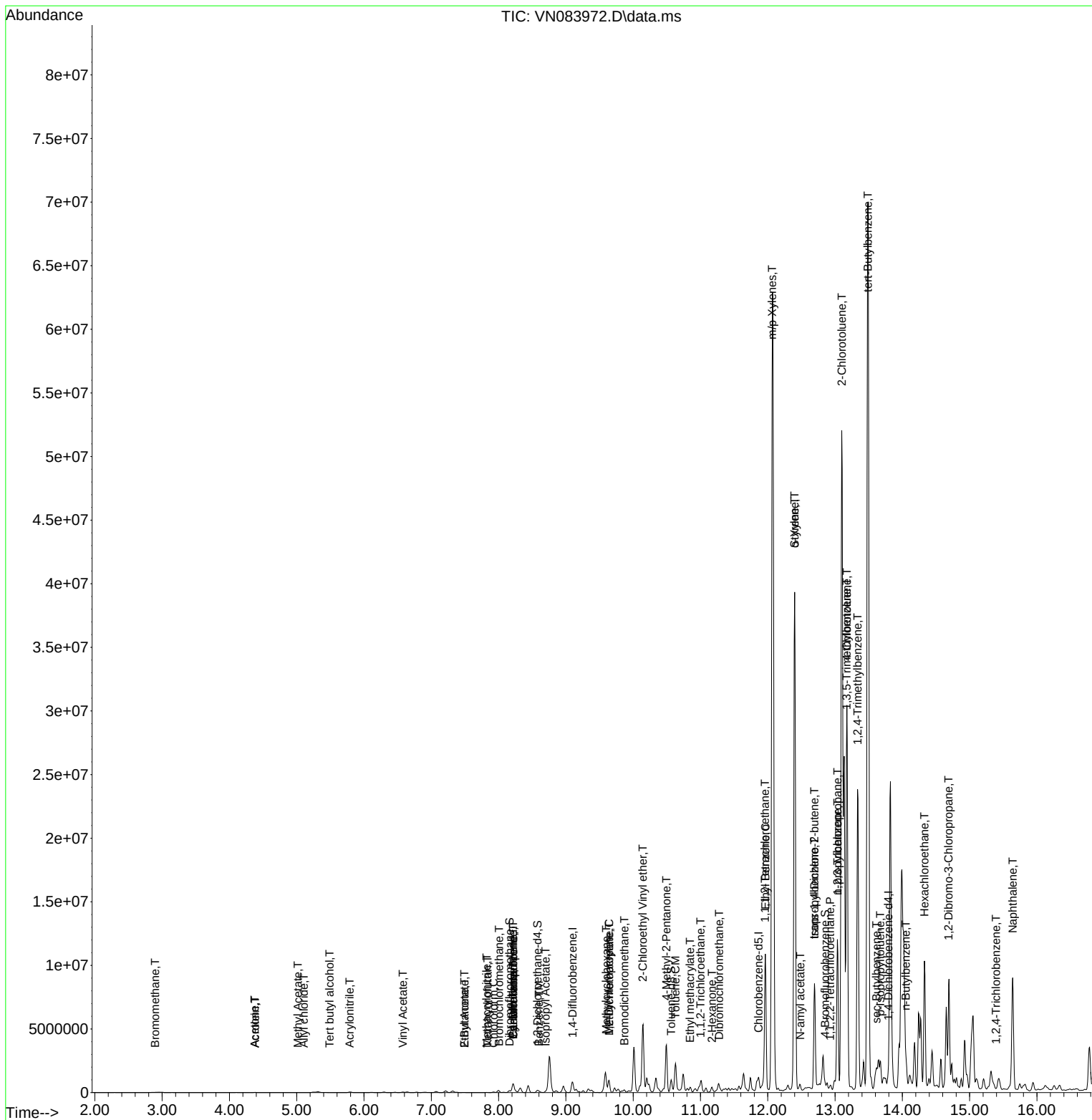
Quant Time: Sep 18 09:27:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

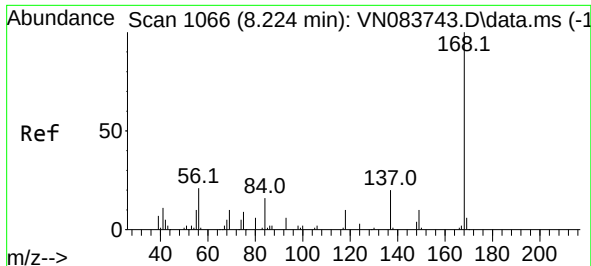
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.694	105	5568280	457.227	ug/l	99
74) N-amyl acetate	12.482	43	107734	20.734	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.929	83	15161	4.237	ug/l #	1
76) 1,2,3-Trichloropropane	13.035	75	62612	19.713	ug/l #	1
78) n-propylbenzene	13.035	91	9477191	668.835	ug/l	100
79) 2-Chlorotoluene	13.100	91	5282727	584.585	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	14459562	1408.279	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.694	75	71844	59.241	ug/l #	71
82) 4-Chlorotoluene	13.176	91	1855530	204.613	ug/l #	44
83) tert-Butylbenzene	13.488	119	6157089	685.415	ug/l #	55
84) 1,2,4-Trimethylbenzene	13.335	105	14661049	1421.492	ug/l	80
85) sec-Butylbenzene	13.617	105	692084	58.093	ug/l #	59
86) p-Isopropyltoluene	13.670	119	1087744	108.920	ug/l	97
89) n-Butylbenzene	14.053	91	942768	105.144	ug/l #	74
90) Hexachloroethane	14.329	117	507591	252.847	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.688	75	33751	47.317	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.394	180	958	0.334	ug/l #	12
95) Naphthalene	15.641	128	7982079	915.698	ug/l	99

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

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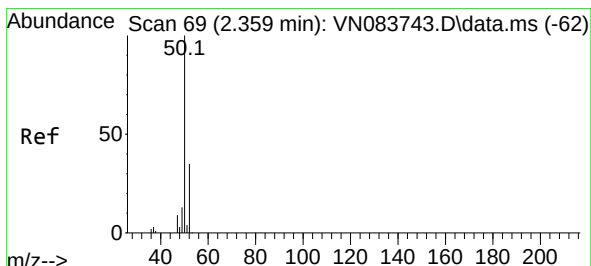
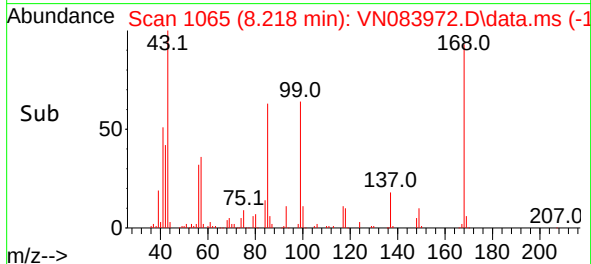
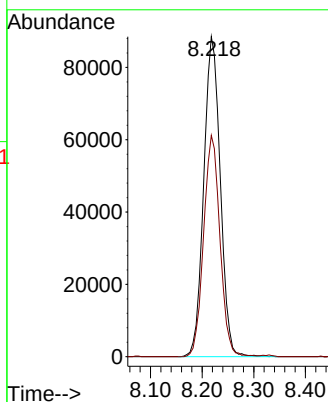
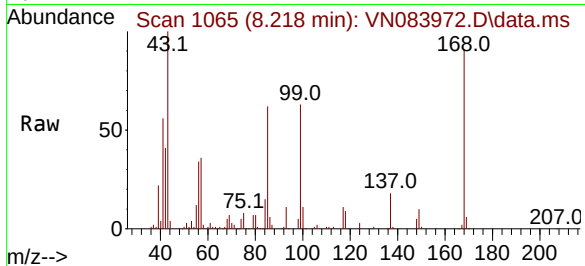




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083972.D
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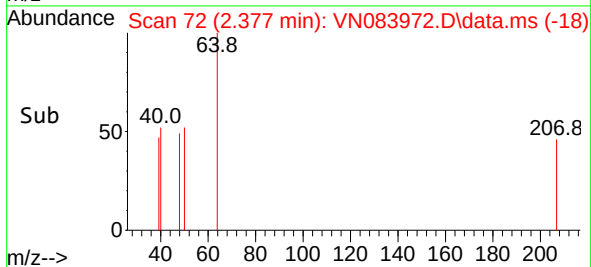
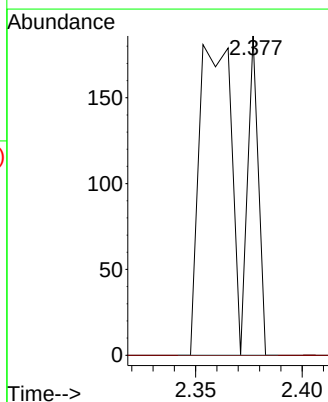
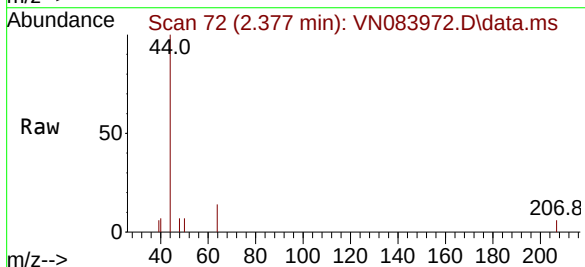
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

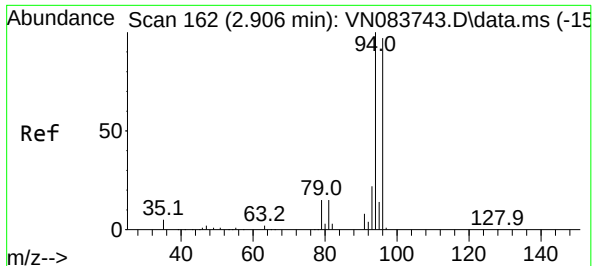
Tgt Ion:168 Resp: 196821
Ion Ratio Lower Upper
168 100
99 69.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.018 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 50 Resp: 252
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

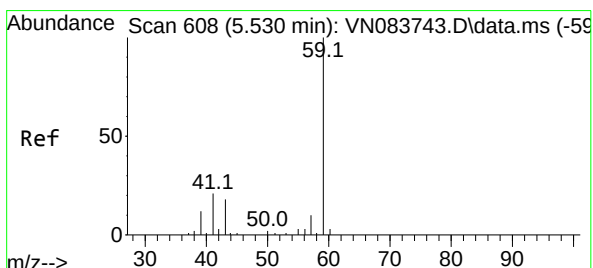
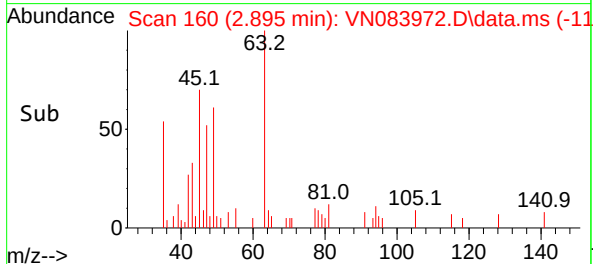
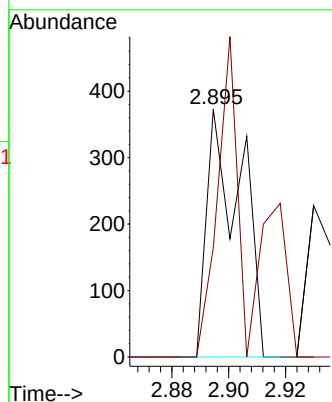
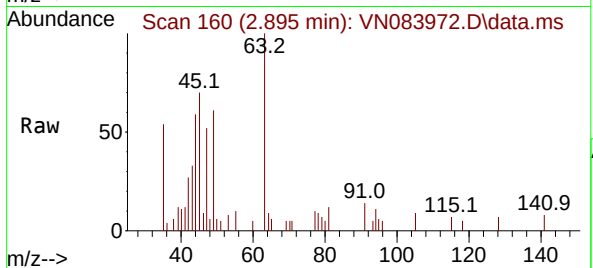




#5
Bromomethane
Concen: 0.217 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

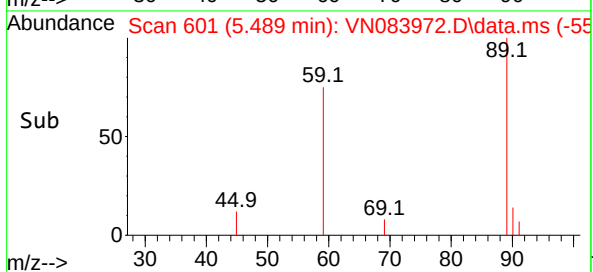
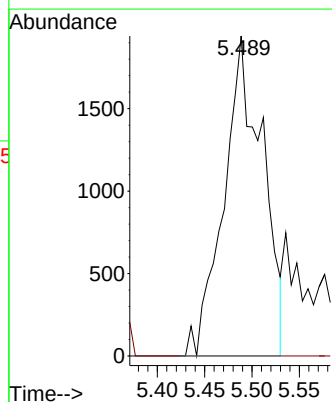
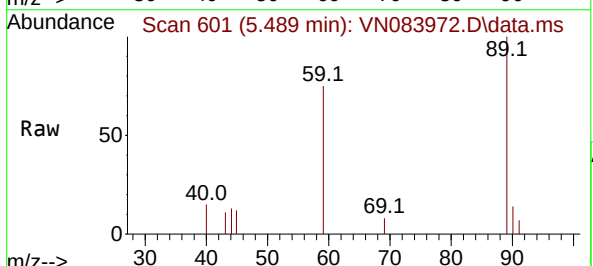
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MSVOA_N
ClientSampleId :
FDF-2

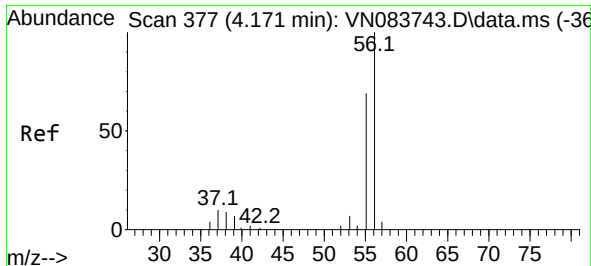
Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 44.2 76.0 114.0#



#11
Tert butyl alcohol
Concen: 13.857 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 59 Resp: 5507
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 11.713 ug/l

RT: 4.383 min Scan# 41

Delta R.T. 0.212 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

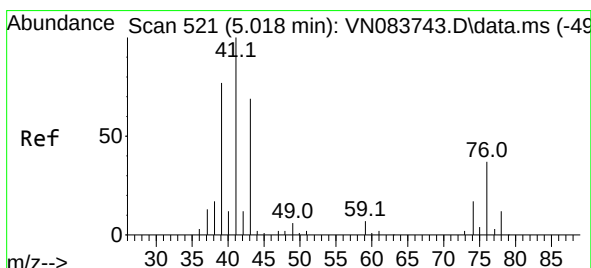
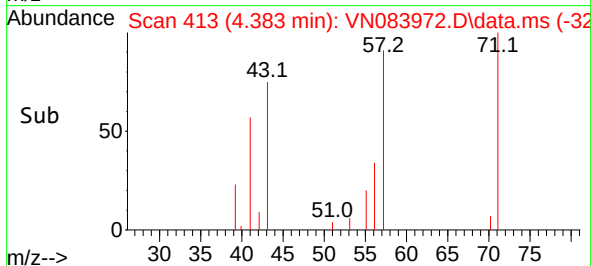
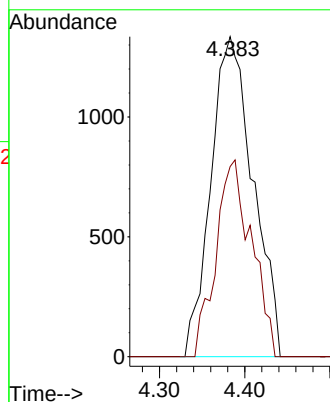
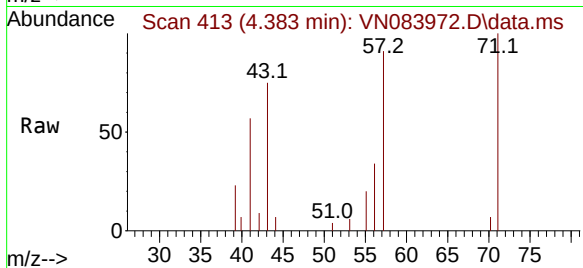
FDF-2

Tgt Ion: 56 Resp: 4593

Ion Ratio Lower Upper

56 100

55 51.9 58.2 87.2#



#14

Allyl chloride

Concen: 0.855 ug/l

RT: 5.106 min Scan# 536

Delta R.T. 0.088 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

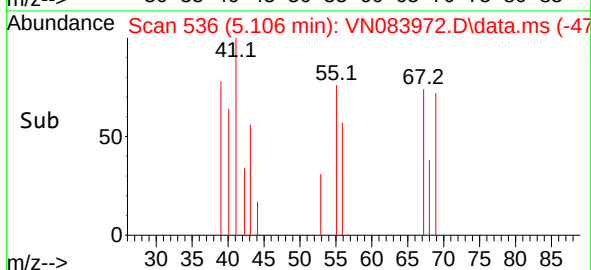
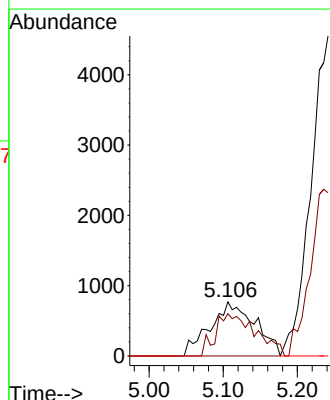
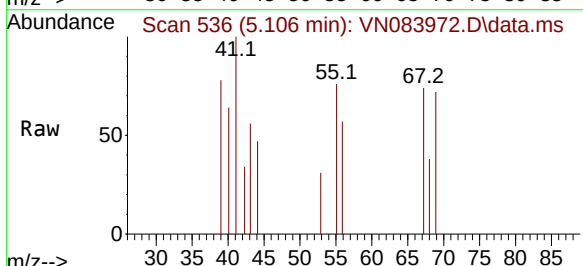
Tgt Ion: 41 Resp: 3243

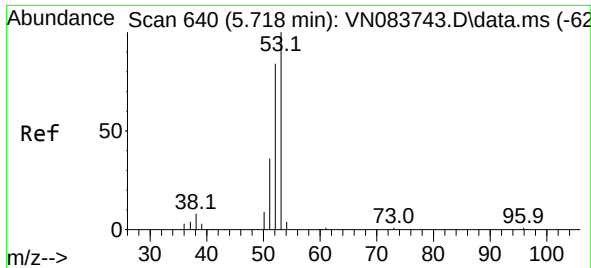
Ion Ratio Lower Upper

41 100

39 70.1 59.3 88.9

76 0.0 27.7 41.5#

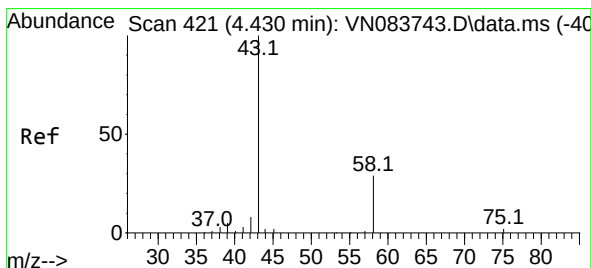
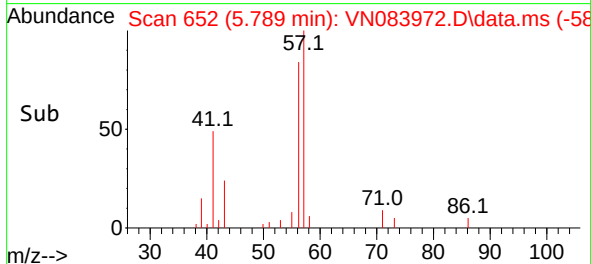
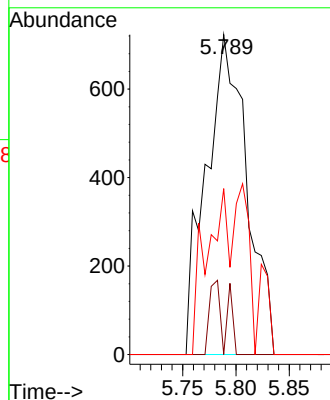
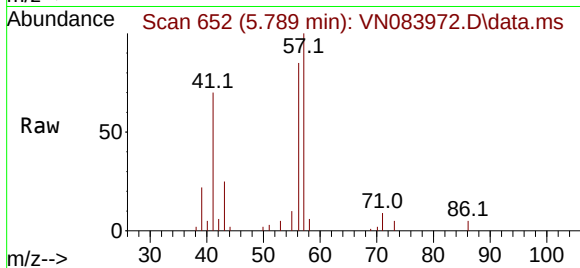




#15
Acrylonitrile
Concen: 1.788 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.071 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

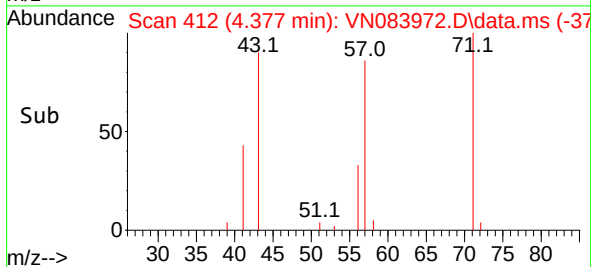
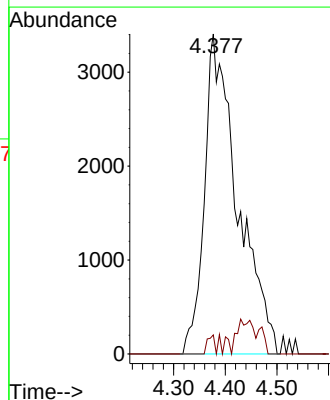
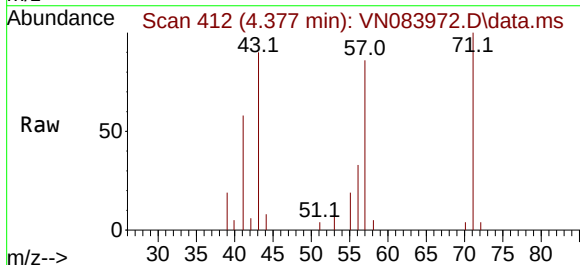
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

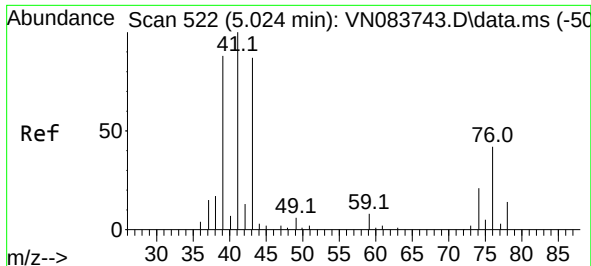
Tgt Ion: 53 Resp: 1932
Ion Ratio Lower Upper
53 100
52 8.8 66.1 99.1#
51 28.8 29.6 44.4#



#16
Acetone
Concen: 12.758 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.053 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 43 Resp: 15178
Ion Ratio Lower Upper
43 100
58 6.0 23.7 35.5#

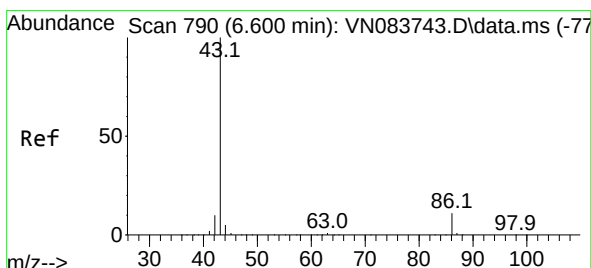
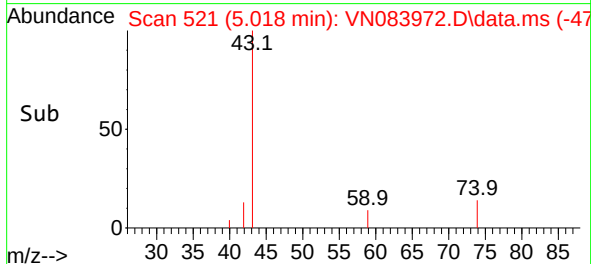
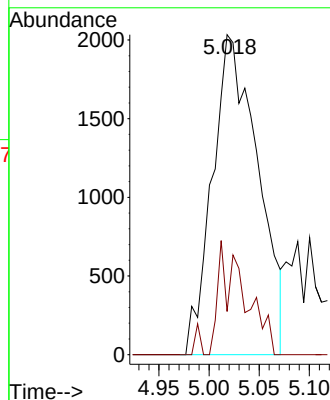
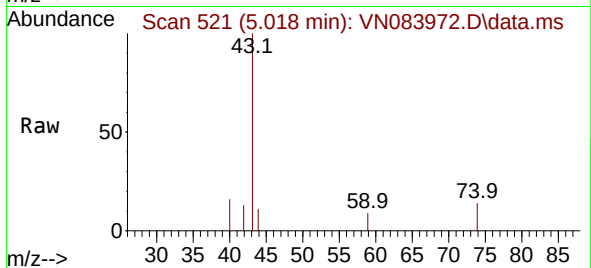




#18
Methyl Acetate
Concen: 0.763 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

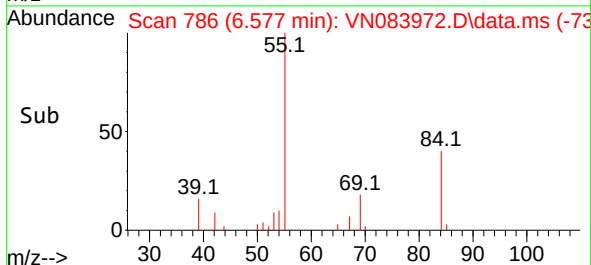
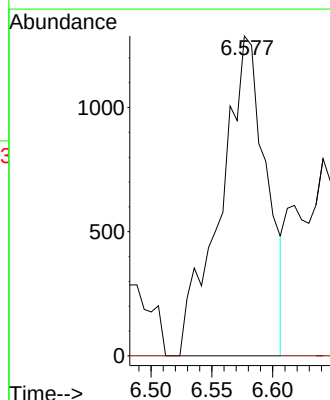
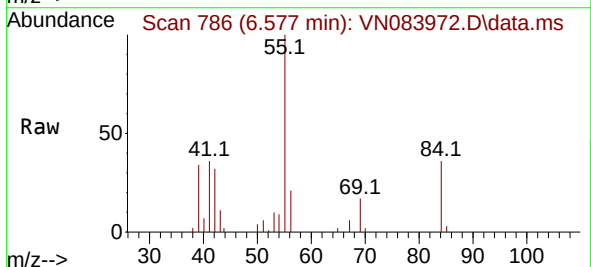
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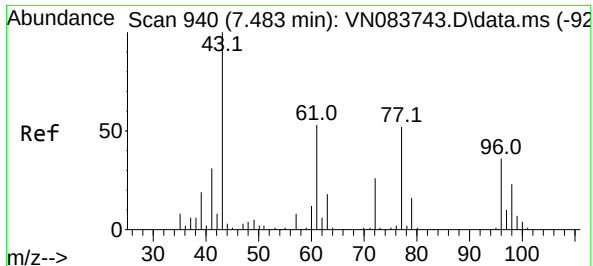
Tgt Ion: 43 Resp: 6420
Ion Ratio Lower Upper
43 100
74 6.7 19.0 28.4#



#23
Vinyl Acetate
Concen: 0.590 ug/l
RT: 6.577 min Scan# 786
Delta R.T. -0.024 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 43 Resp: 3375
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#

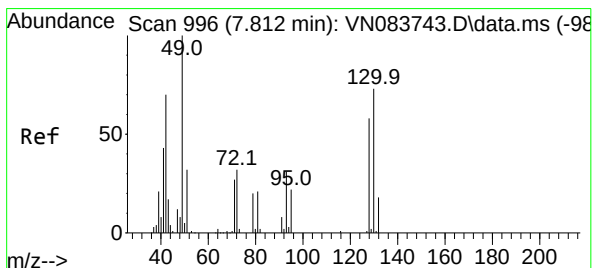
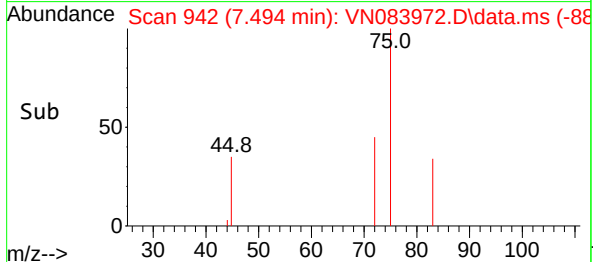
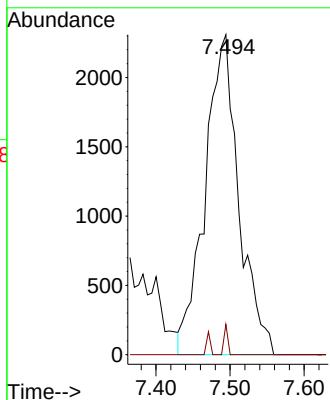
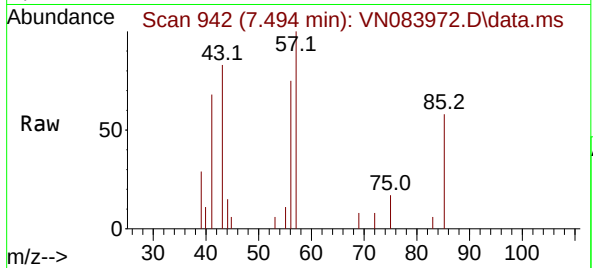




#25
2-Butanone
Concen: 4.670 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

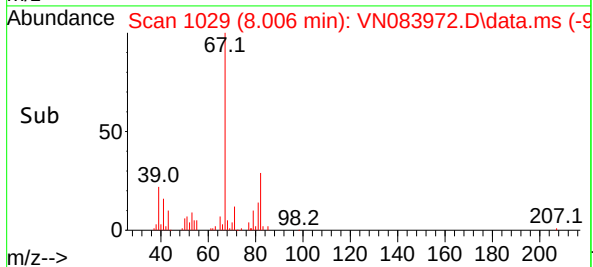
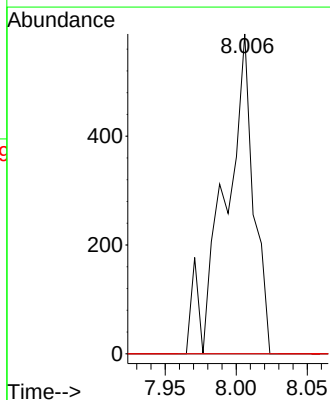
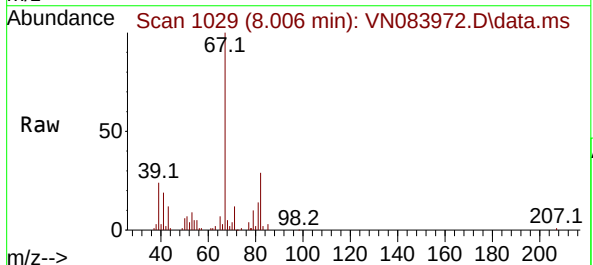
Instrument :
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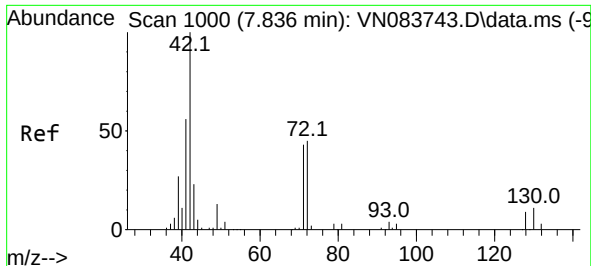
Tgt Ion: 43 Resp: 7303
Ion Ratio Lower Upper
43 100
72 9.4 20.8 31.2#



#28
Bromochloromethane
Concen: 0.440 ug/l
RT: 8.006 min Scan# 1029
Delta R.T. 0.194 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 49 Resp: 834
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 0.762 ug/l

RT: 7.835 min Scan# 1015

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

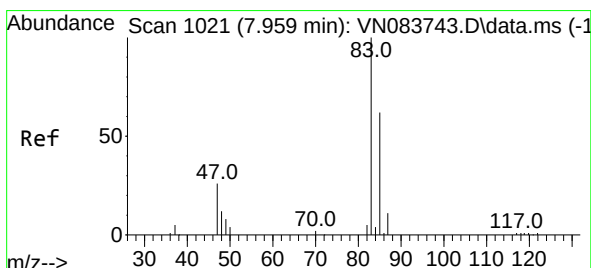
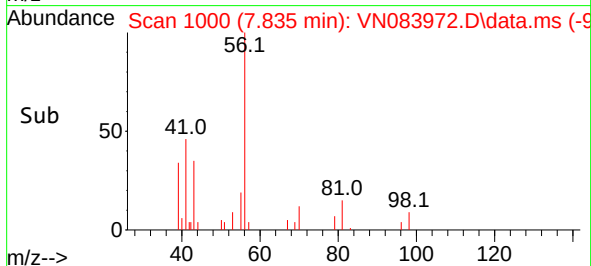
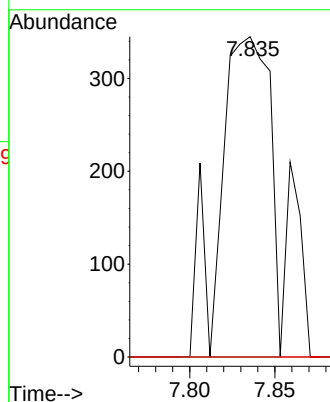
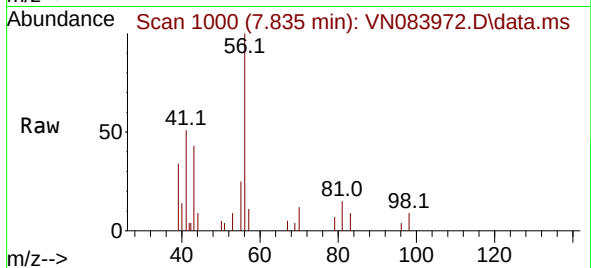
Instrument :

MSVOA_N

ClientSampleId :

FDF-2

Tgt Ion:	42	Resp:	705
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	33.9	50.9#



#30

Chloroform

Concen: 5.094 ug/l

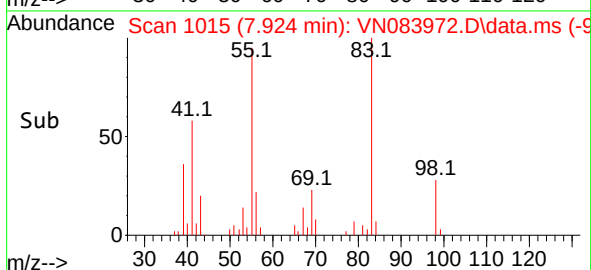
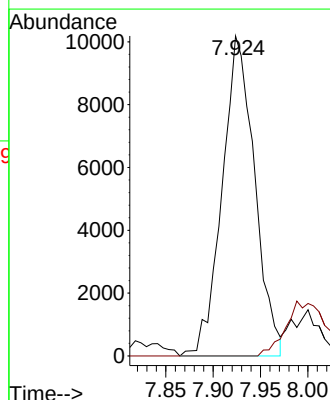
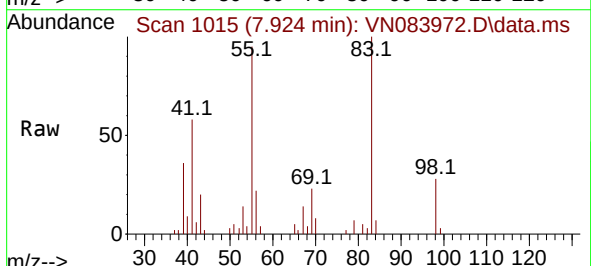
RT: 7.924 min Scan# 1015

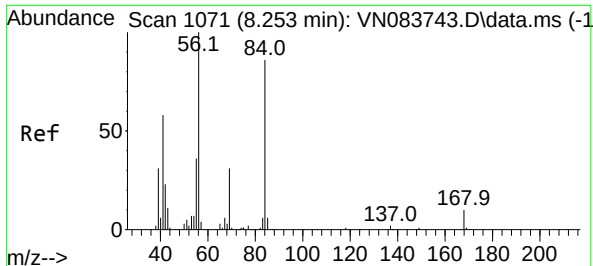
Delta R.T. -0.035 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Tgt Ion:	83	Resp:	24330
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.8	79.2#

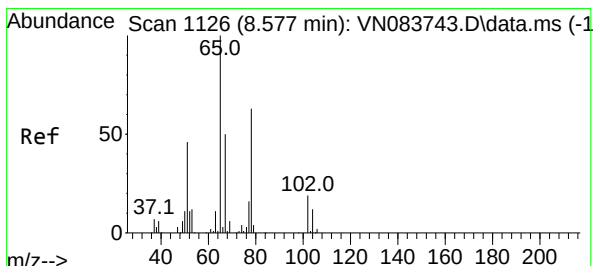
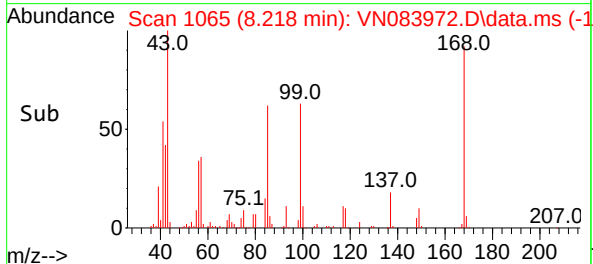
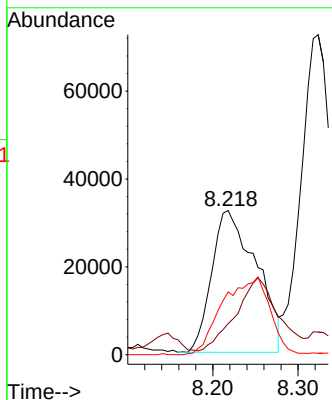
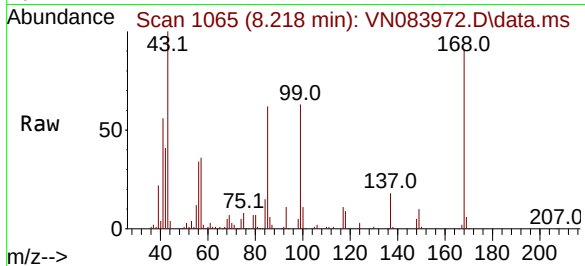




#31
Cyclohexane
Concen: 27.339 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

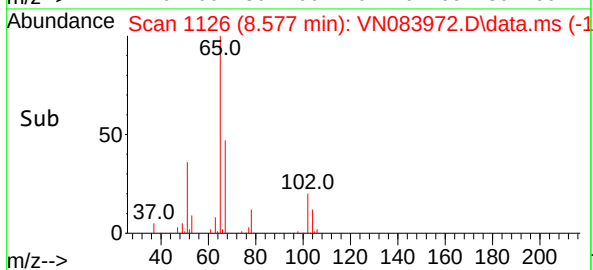
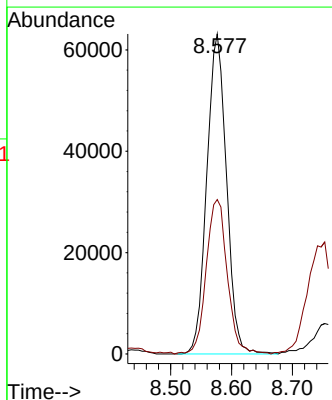
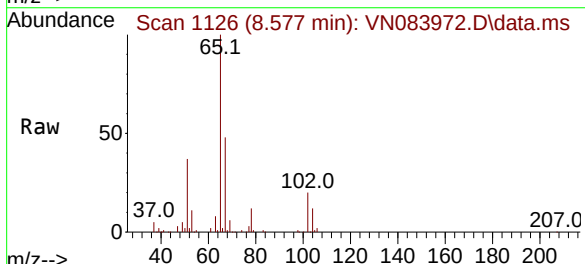
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

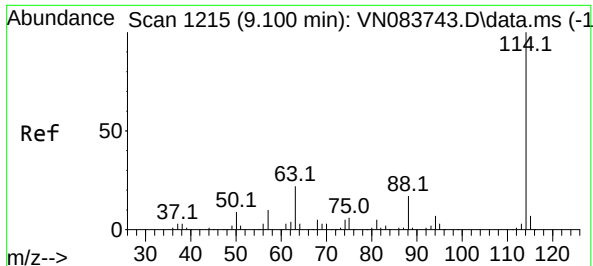
Tgt Ion: 56 Resp: 117264
Ion Ratio Lower Upper
56 100
69 11.4 26.9 40.3#
84 44.3 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 47.806 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 65 Resp: 141878
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

FDF-2

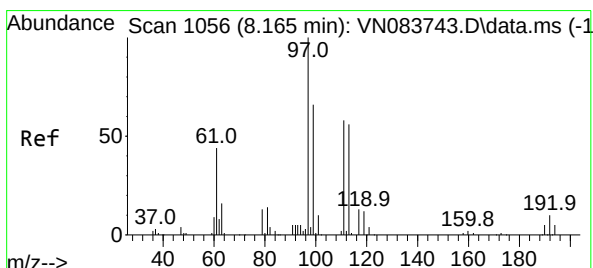
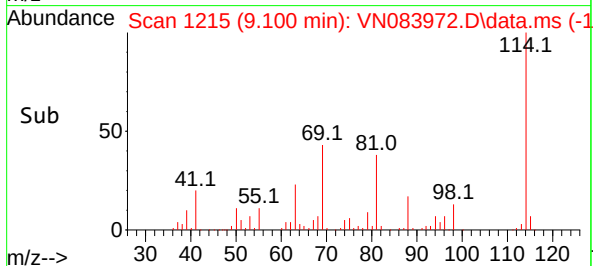
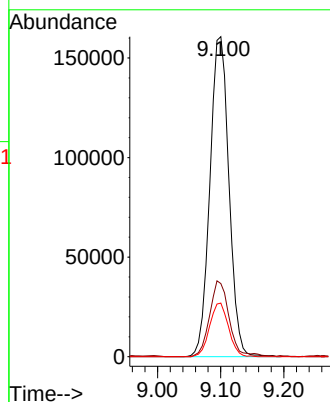
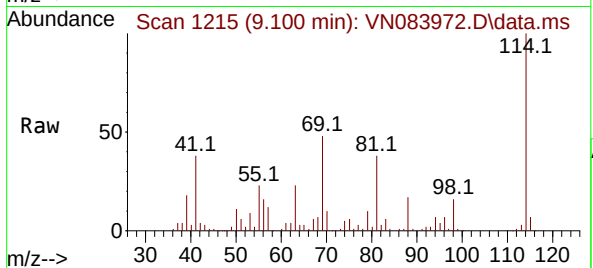
Tgt Ion:114 Resp: 336538

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.4

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.799 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

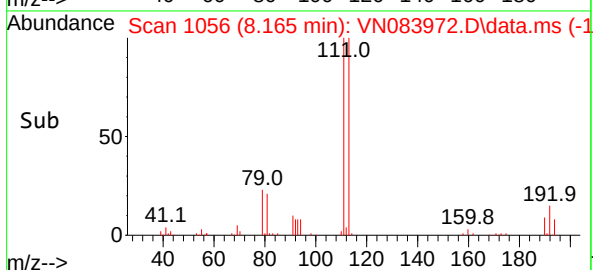
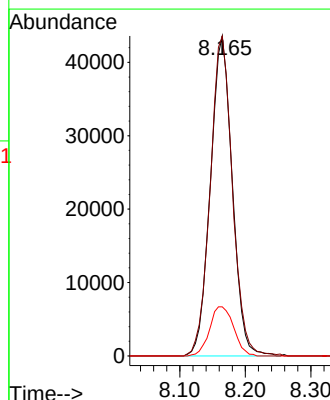
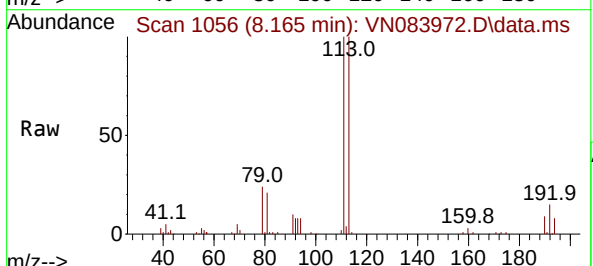
Tgt Ion:113 Resp: 100828

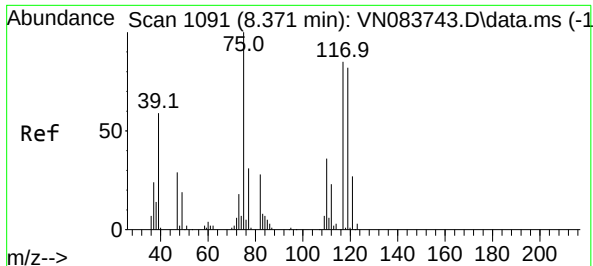
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 17.0 14.3 21.5

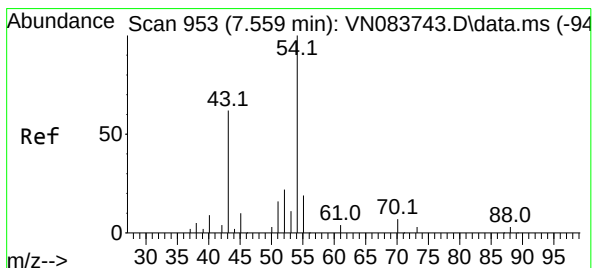
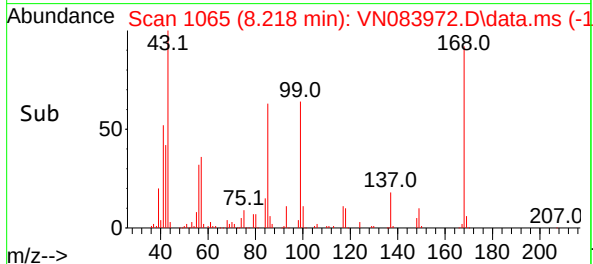
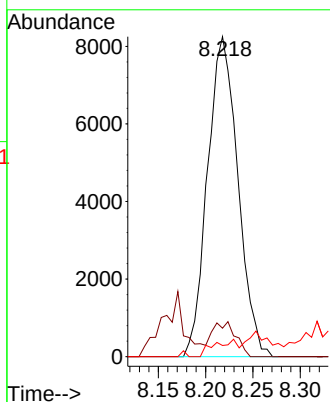
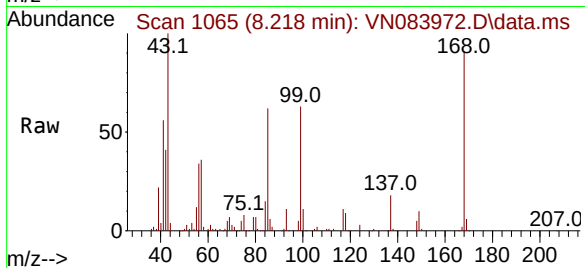




#36
1,1-Dichloropropene
Concen: 5.688 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

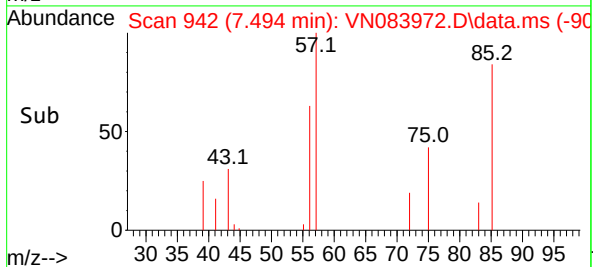
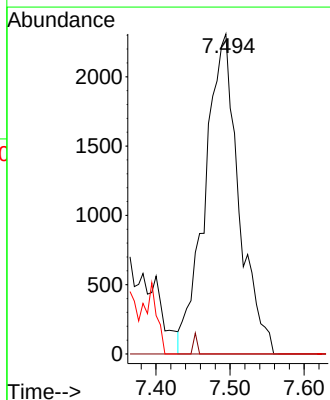
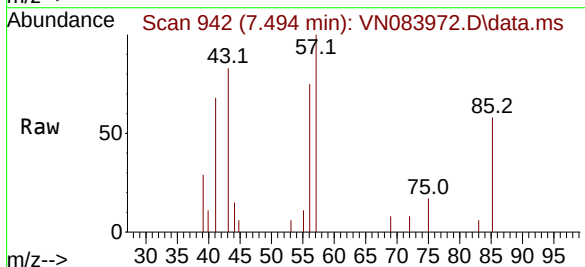
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

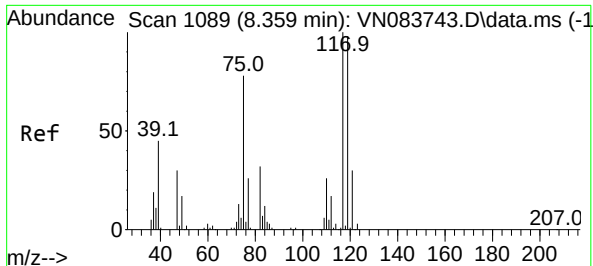
Tgt Ion: 75 Resp: 18444
Ion Ratio Lower Upper
75 100
110 8.3 16.7 50.1#
77 4.1 25.2 37.8#



#37
Ethyl Acetate
Concen: 2.481 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 43 Resp: 7303
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#

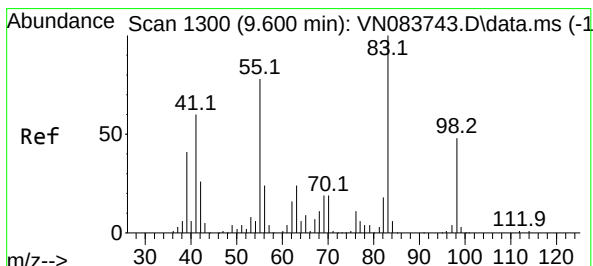
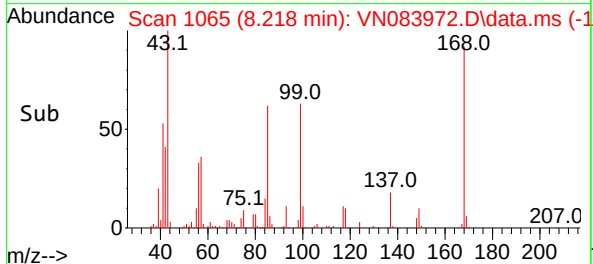
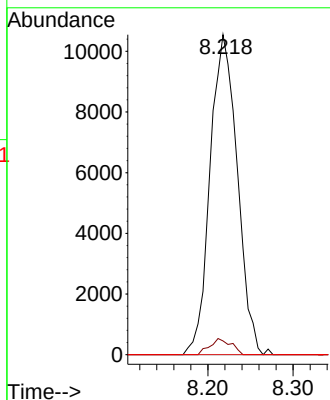
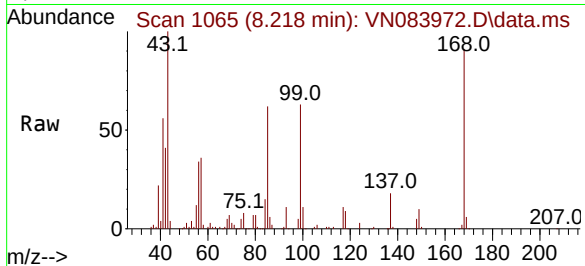




#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

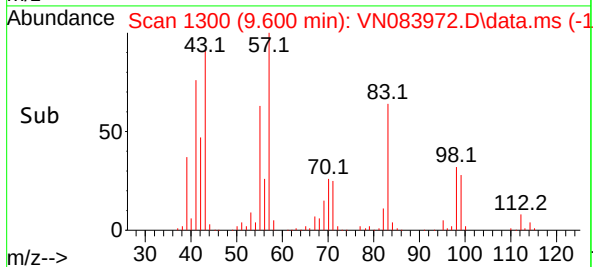
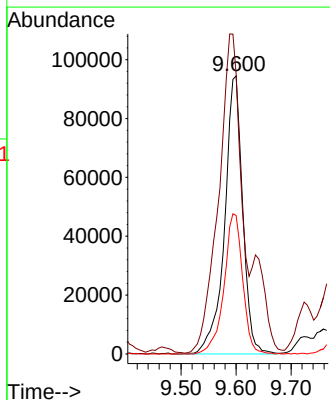
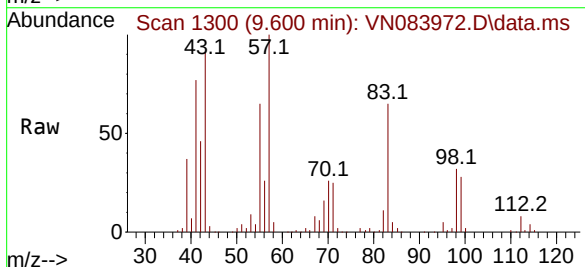
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

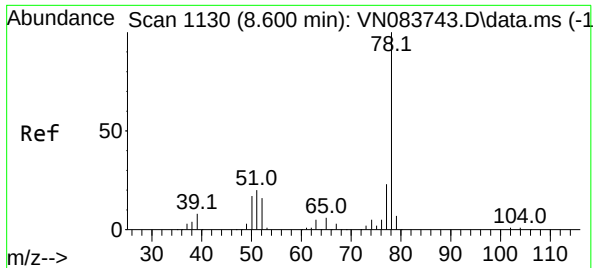
Tgt Ion:117 Resp: 23474
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 58.718 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 83 Resp: 216735
Ion Ratio Lower Upper
83 100
55 100.2 62.2 93.4#
98 49.8 37.6 56.4





#40

Benzene

Concen: 6.732 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

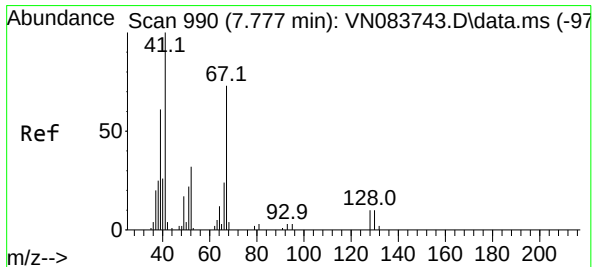
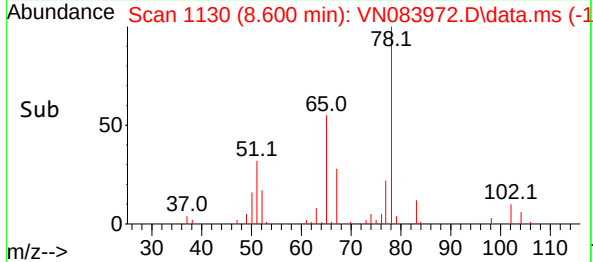
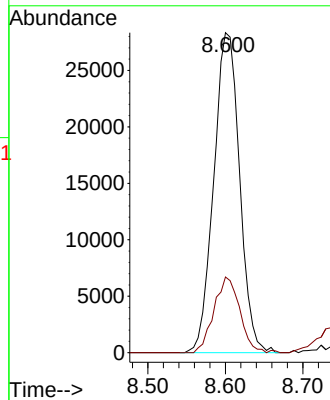
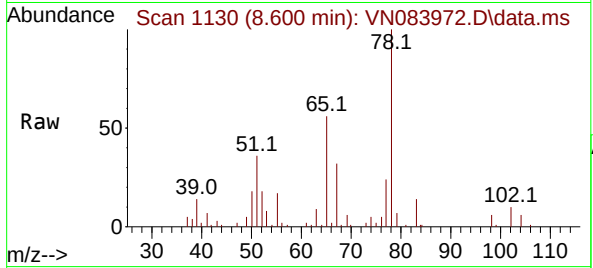
FDF-2

Tgt Ion: 78 Resp: 65703

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



#41

Methacrylonitrile

Concen: 3.717 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.047 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Tgt Ion: 41 Resp: 6471

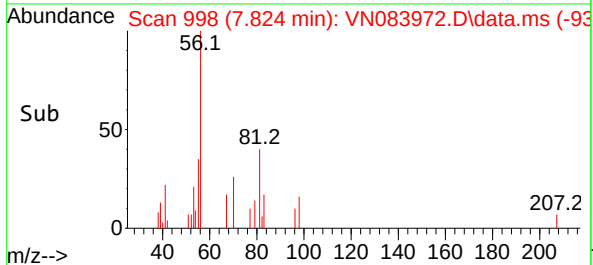
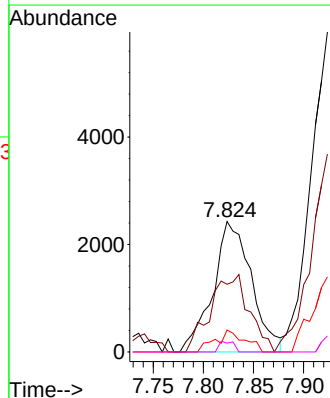
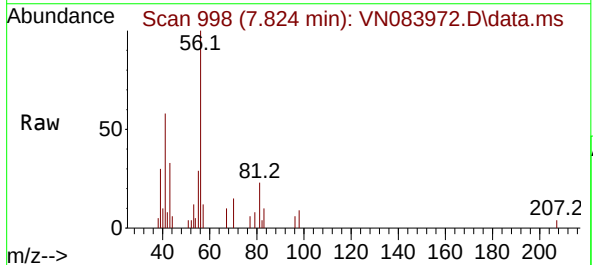
Ion Ratio Lower Upper

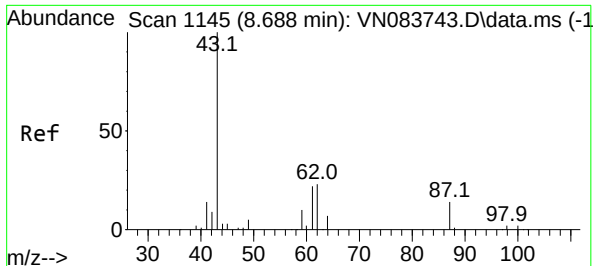
41 100

39 59.6 45.4 68.2

67 0.0 55.9 83.9#

52 3.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 8.036 ug/l

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

FDF-2

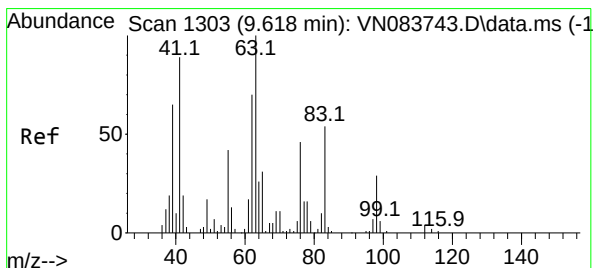
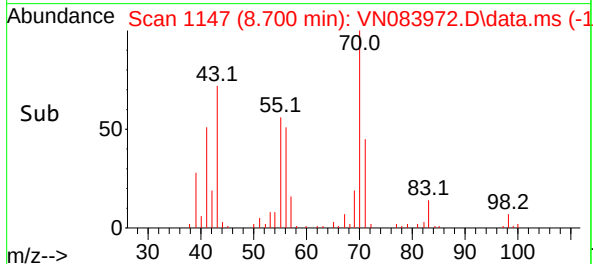
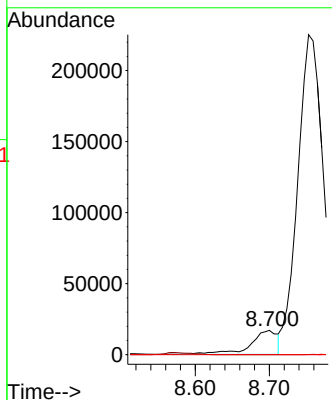
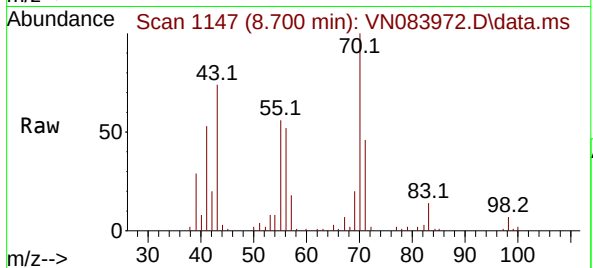
Tgt Ion: 43 Resp: 42863

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#45

1,2-Dichloropropane

Concen: 0.515 ug/l

RT: 9.641 min Scan# 1307

Delta R.T. 0.023 min

Lab File: VN083972.D

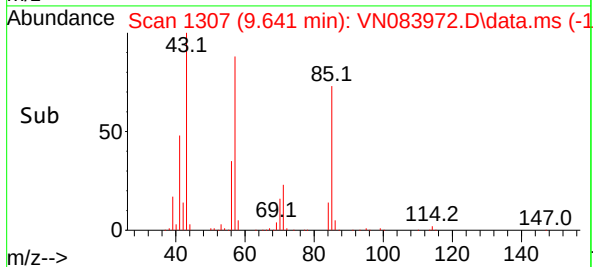
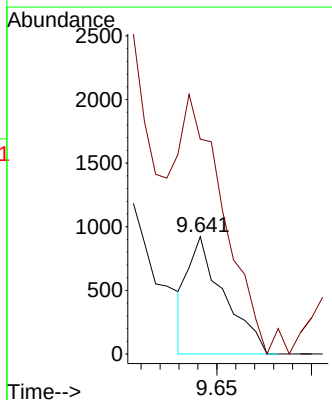
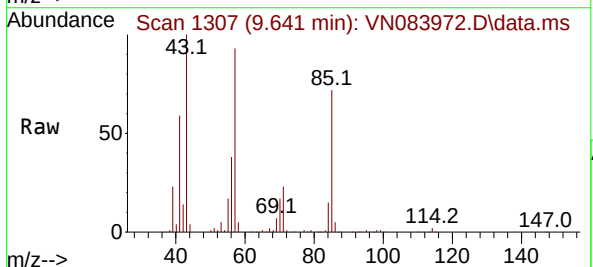
Acq: 18 Sep 2024 09:08

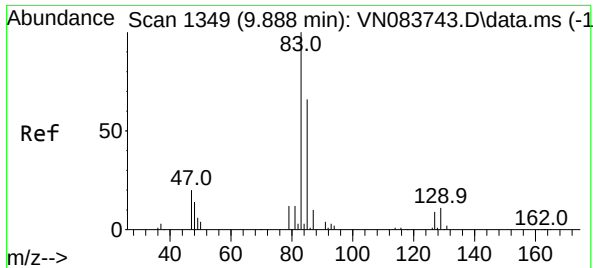
Tgt Ion: 63 Resp: 1216

Ion Ratio Lower Upper

63 100

65 161.3 25.9 38.9#

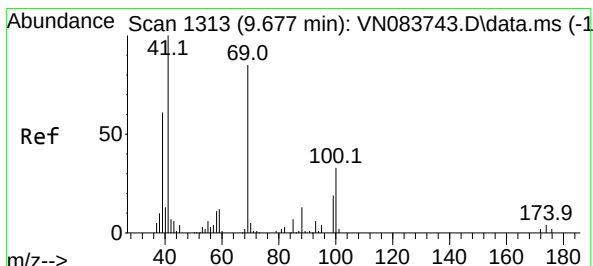
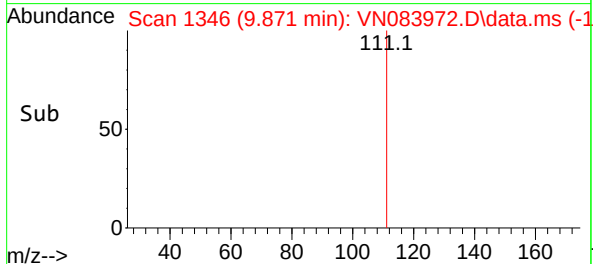
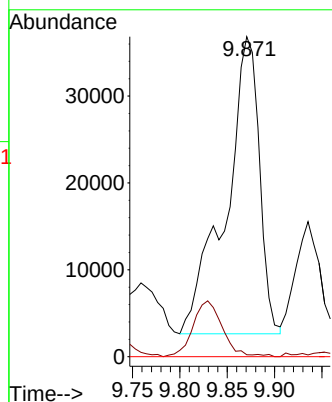
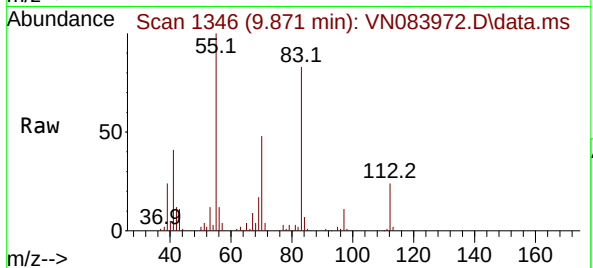




#47
Bromodichloromethane
Concen: 23.639 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

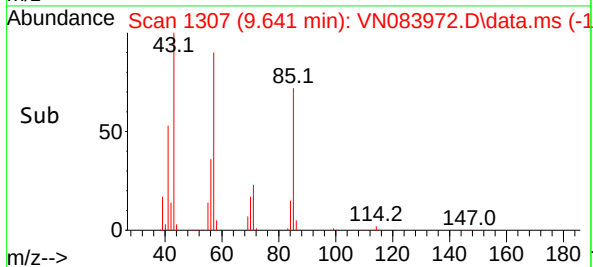
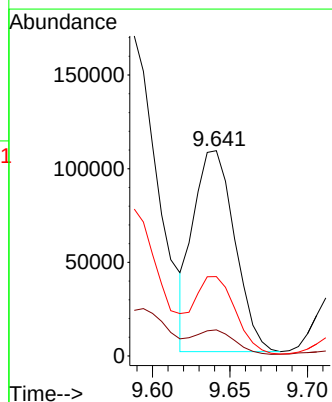
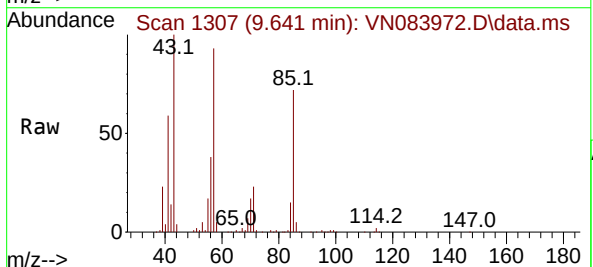
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

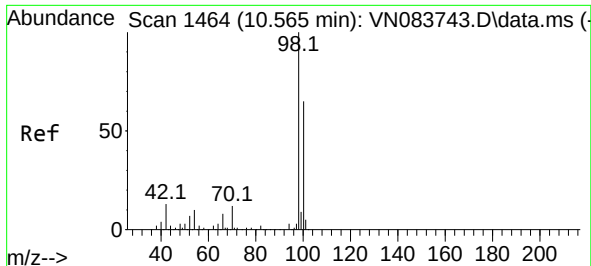
Tgt Ion: 83 Resp: 84533
Ion Ratio Lower Upper
83 100
85 0.7 51.8 77.8#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 78.734 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.035 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 41 Resp: 199250
Ion Ratio Lower Upper
41 100
69 10.8 64.3 96.5#
39 38.8 48.9 73.3#

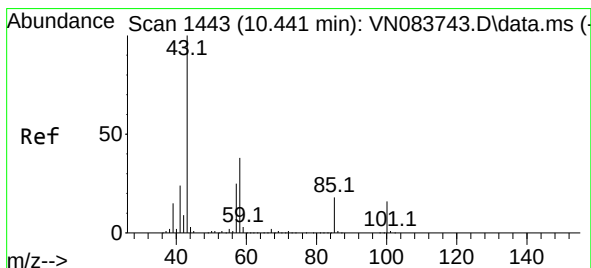
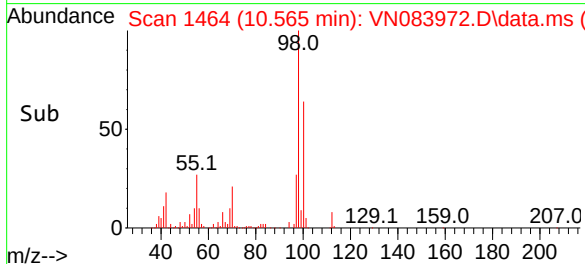
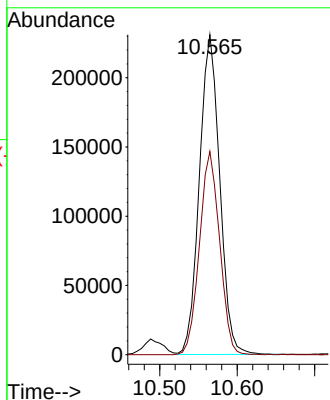
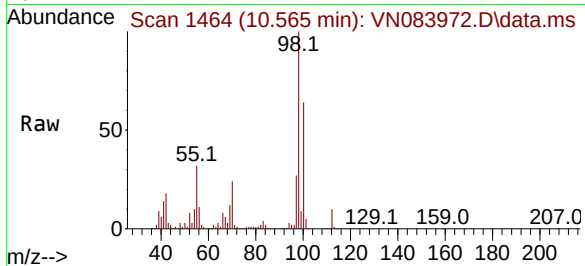




#50
Toluene-d8
Concen: 56.529 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

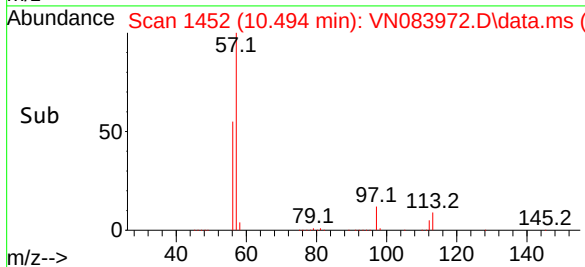
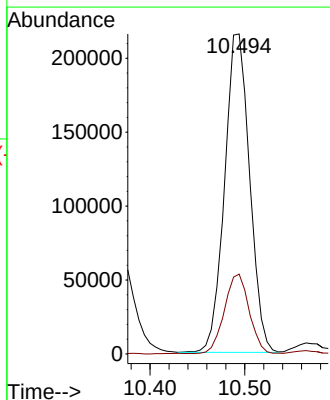
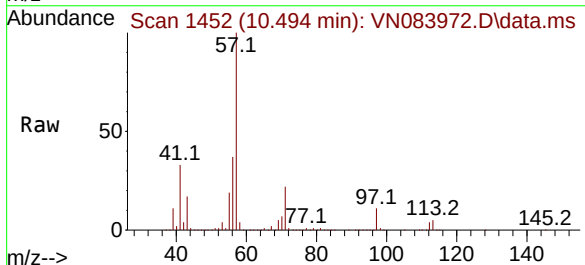
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

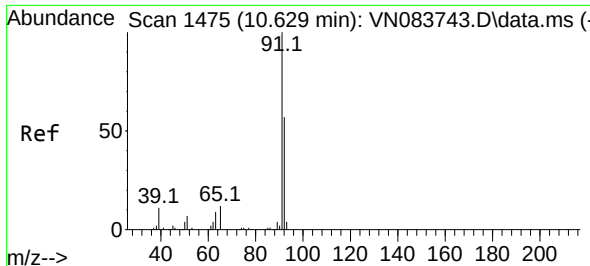
Tgt Ion: 98 Resp: 421039
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 136.409 ug/l
RT: 10.494 min Scan# 1452
Delta R.T. 0.053 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 43 Resp: 396074
Ion Ratio Lower Upper
43 100
58 24.6 31.6 47.4#

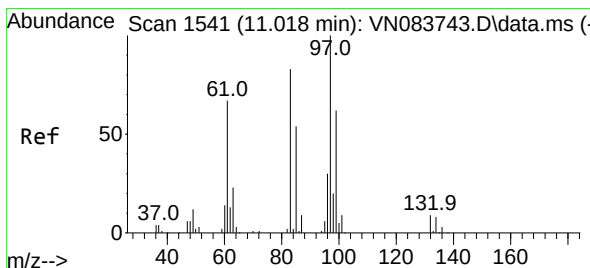
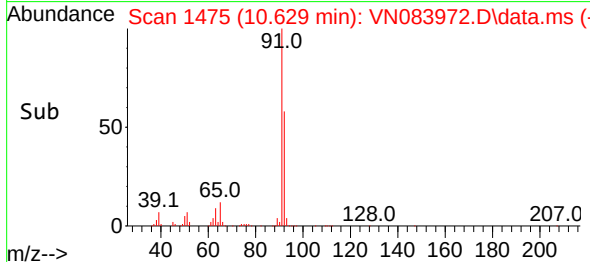
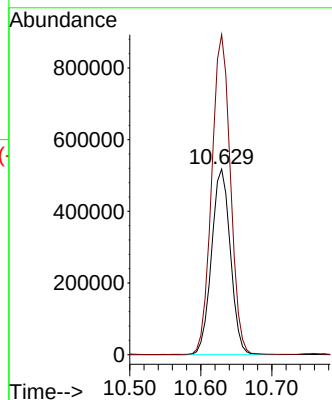
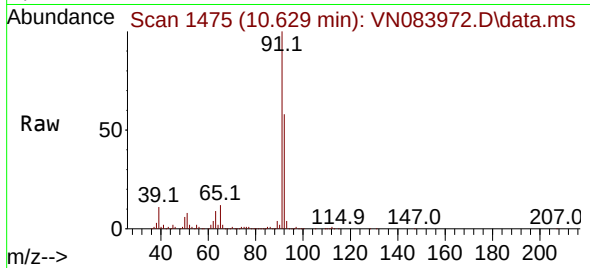




#52
Toluene
Concen: 159.313 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

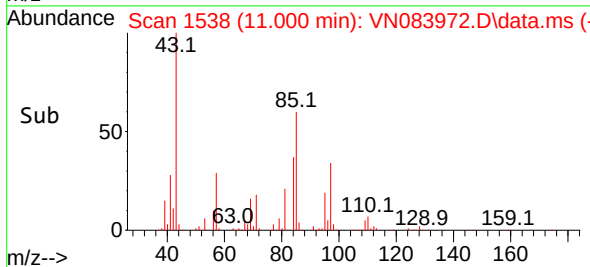
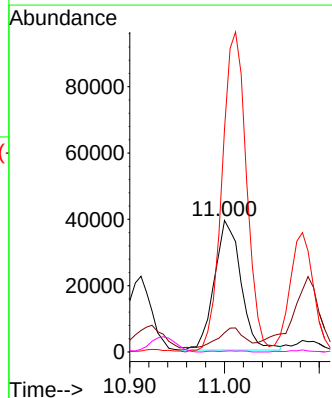
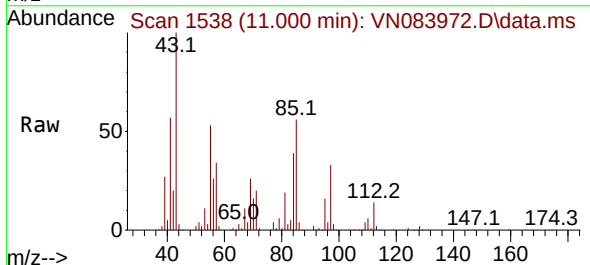
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

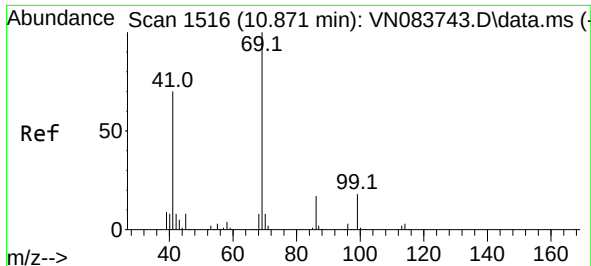
Tgt Ion: 92 Resp: 951122
Ion Ratio Lower Upper
92 100
91 171.7 134.7 202.1



#55
1,1,2-Trichloroethane
Concen: 34.216 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.018 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 97 Resp: 76261
Ion Ratio Lower Upper
97 100
83 11.7 67.5 101.3#
85 171.4 44.2 66.2#
99 0.3 50.1 75.1#

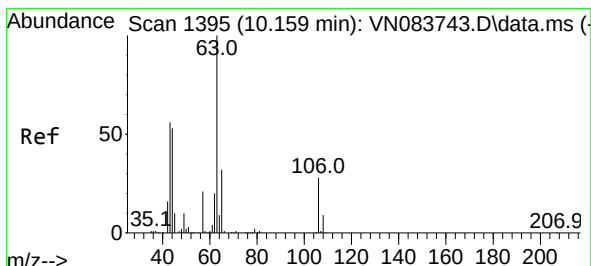
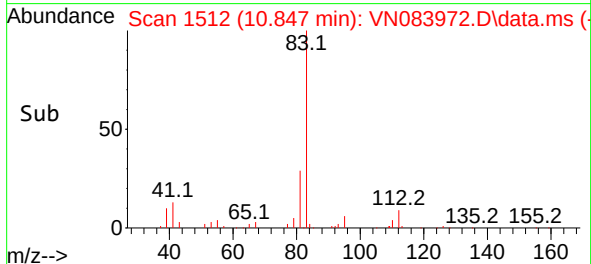
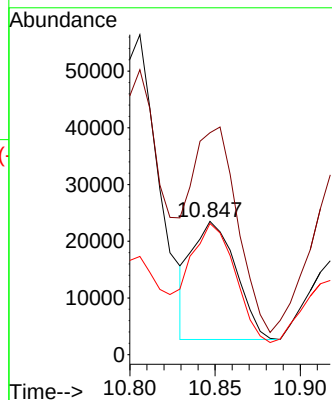
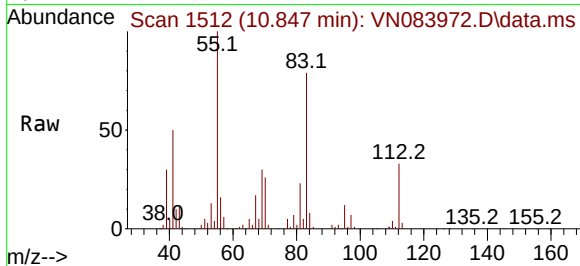




#56
Ethyl methacrylate
Concen: 10.877 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.024 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

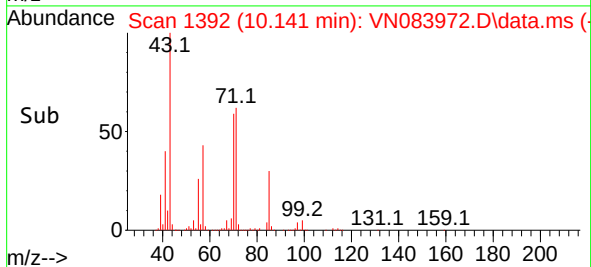
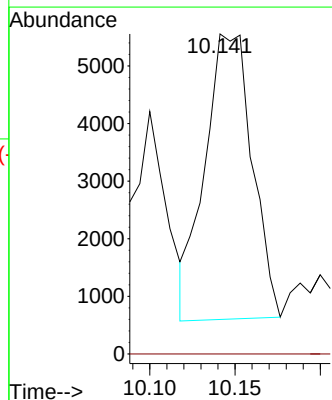
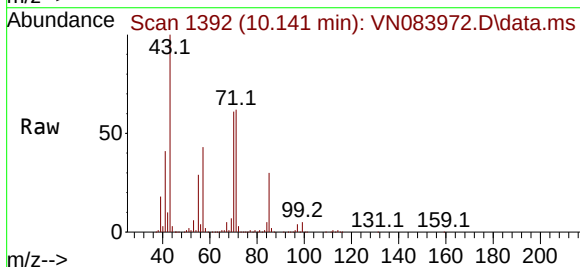
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

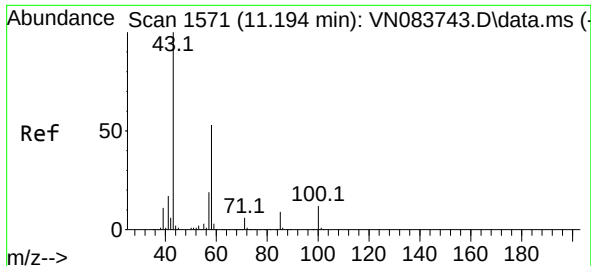
Tgt Ion: 69 Resp: 37299
Ion Ratio Lower Upper
69 100
41 178.3 53.9 80.9#
39 106.4 32.6 48.8#



#58
2-Chloroethyl Vinyl ether
Concen: 7.747 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.018 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 63 Resp: 9572
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

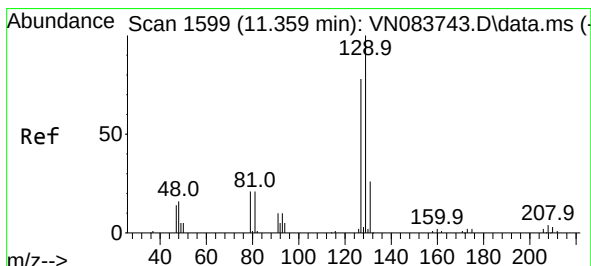
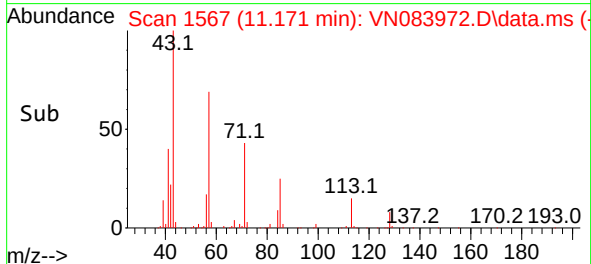
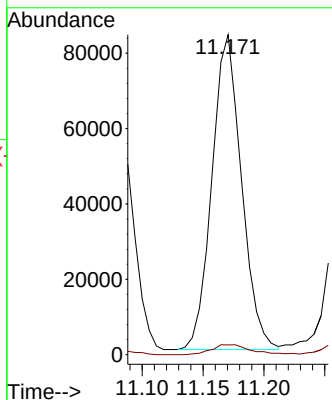
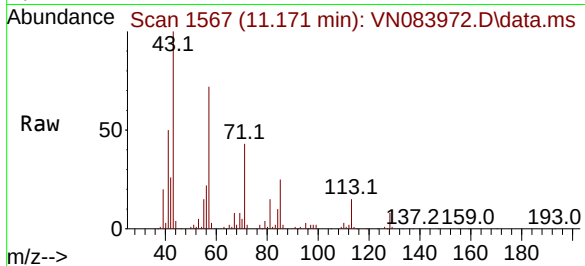




#59
2-Hexanone
Concen: 65.723 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

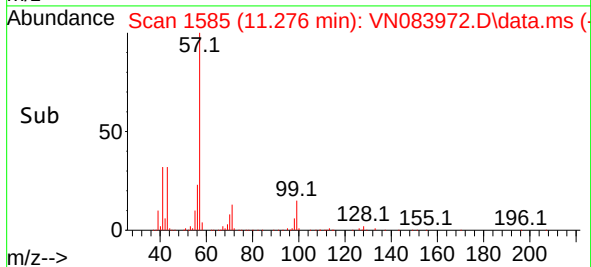
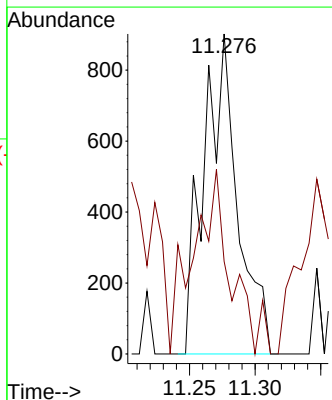
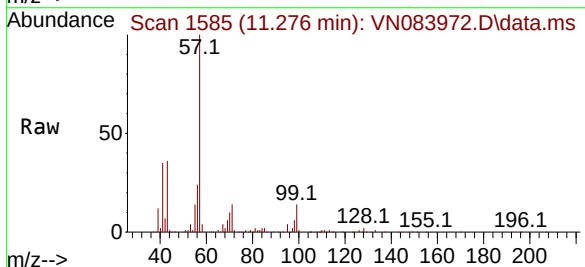
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

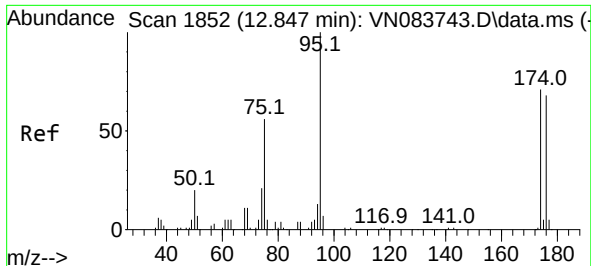
Tgt Ion: 43 Resp: 141163
Ion Ratio Lower Upper
43 100
58 4.3 27.2 81.5#



#60
Dibromochloromethane
Concen: 0.650 ug/l
RT: 11.276 min Scan# 1585
Delta R.T. -0.082 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 129 Resp: 1622
Ion Ratio Lower Upper
129 100
127 64.1 39.0 116.9

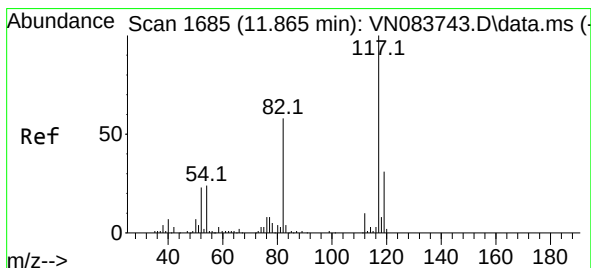
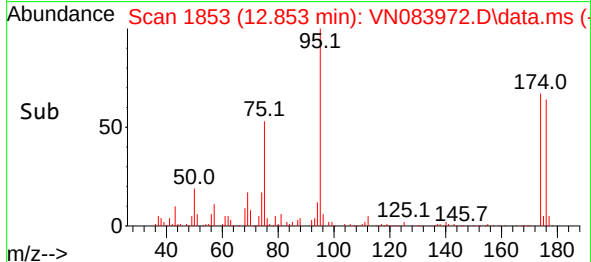
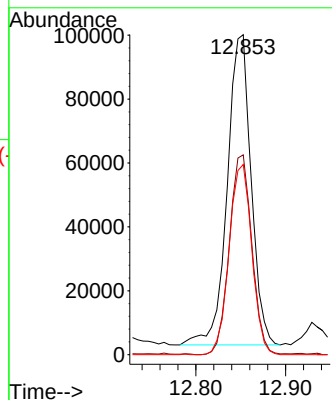
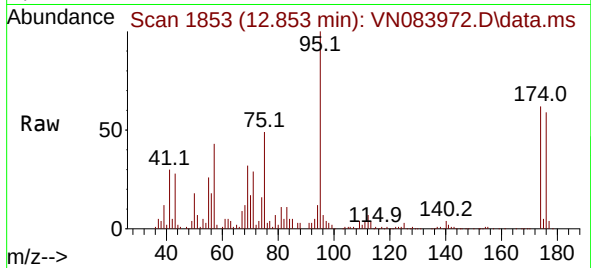




#62
4-Bromofluorobenzene
Concen: 58.464 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

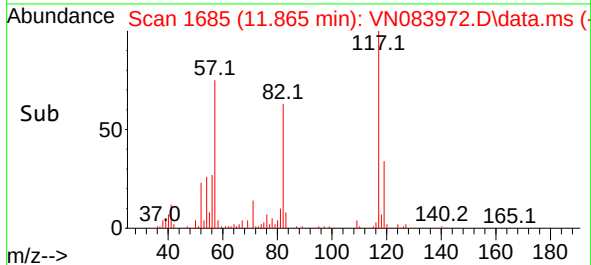
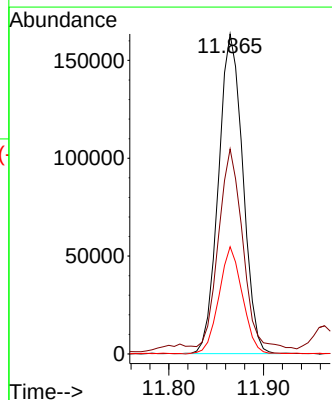
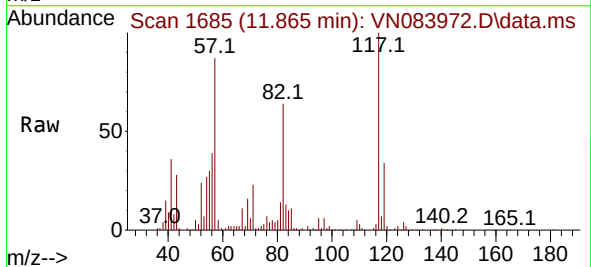
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

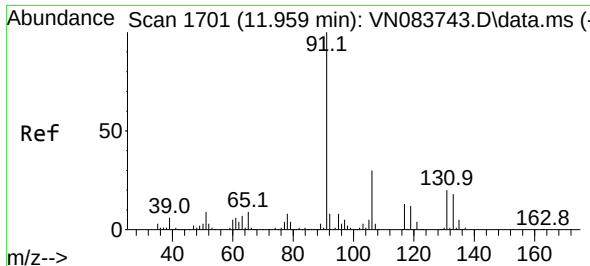
Tgt Ion: 95 Resp: 179655
Ion Ratio Lower Upper
95 100
174 60.9 0.0 139.8
176 58.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 117 Resp: 291997
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.0
119 33.4 26.3 39.5

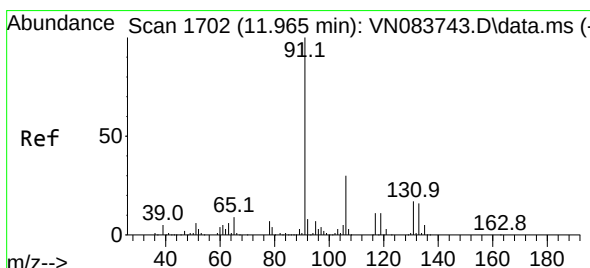
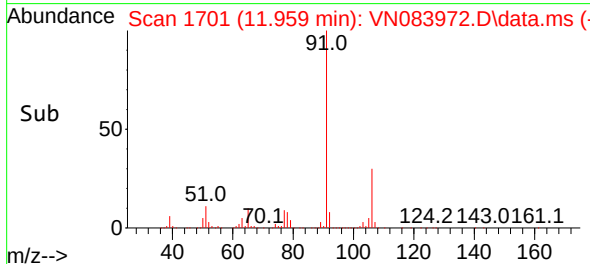
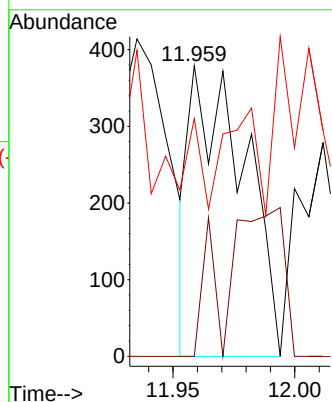
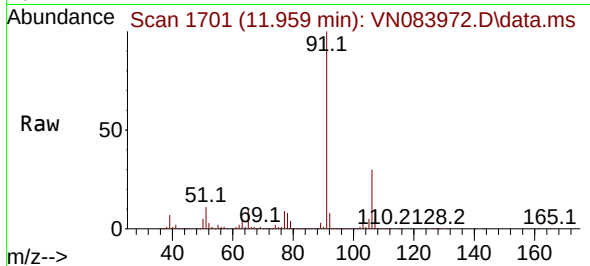




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.262 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

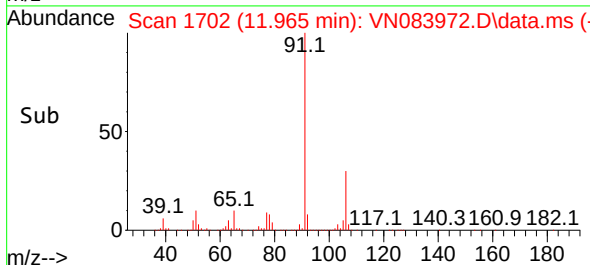
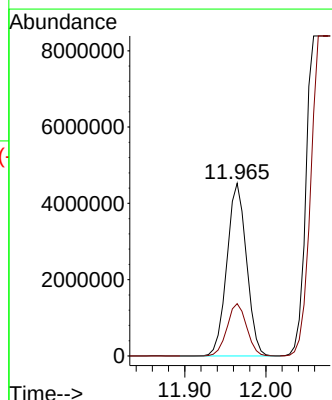
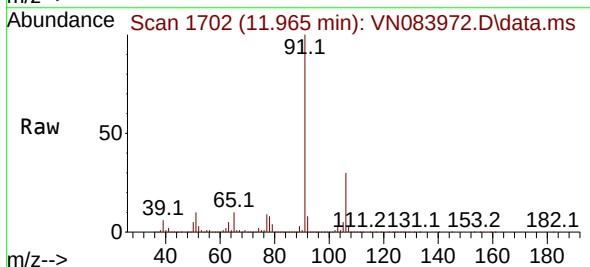
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-2

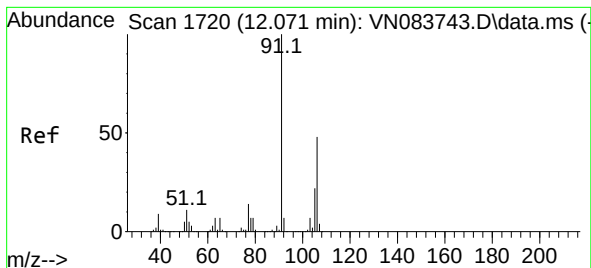
Tgt Ion:131 Resp: 590
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.5 142.6#
 119 0.0 31.6 94.8#



#67
 Ethyl Benzene
 Concen: 658.390 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN083972.D
 Acq: 18 Sep 2024 09:08

Tgt Ion: 91 Resp: 7590336
 Ion Ratio Lower Upper
 91 100
 106 30.4 24.3 36.5

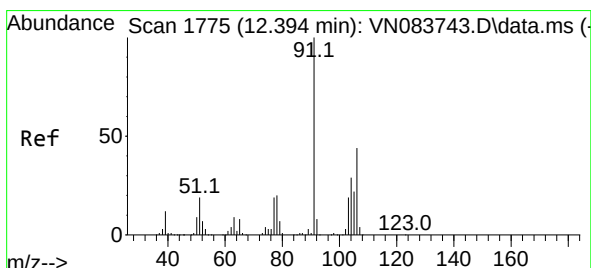
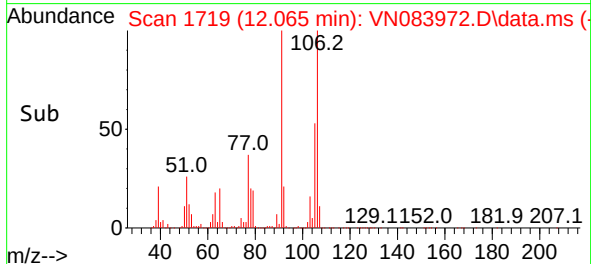
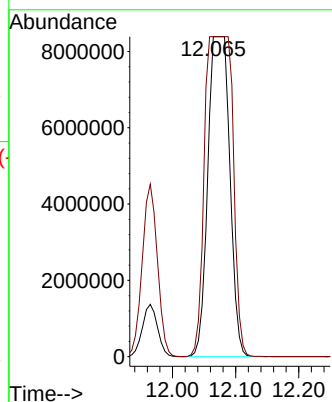
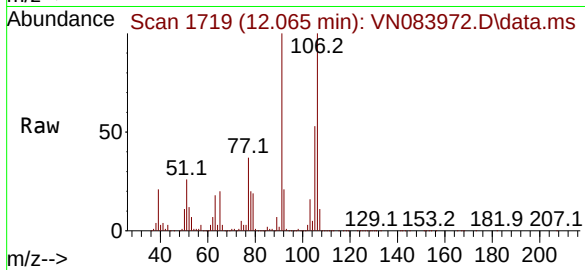




#68
m/p-Xylenes
Concen: 4709.554 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

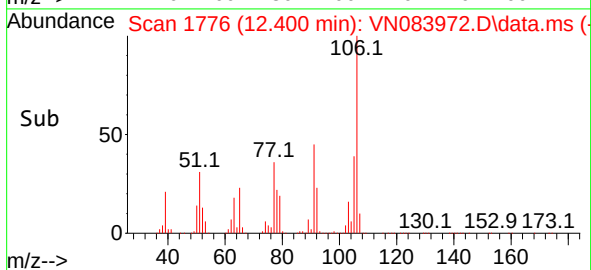
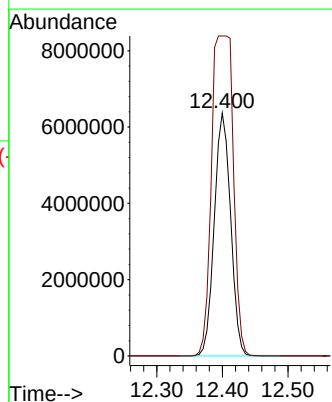
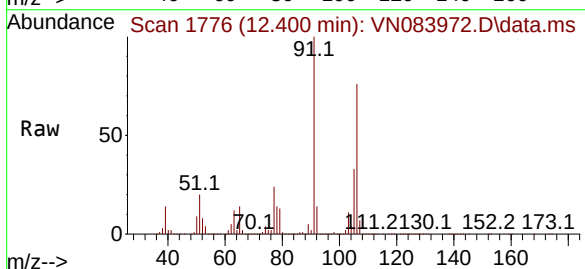
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

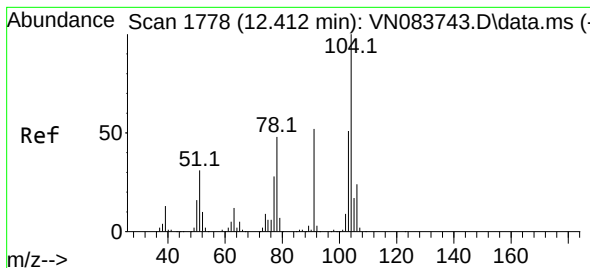
Tgt Ion:106 Resp:20157648
Ion Ratio Lower Upper
106 100
91 0.0 169.2 253.8#



#69
o-Xylene
Concen: 2651.334 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion:106 Resp:10985818
Ion Ratio Lower Upper
106 100
91 175.9 112.9 338.6





#70

Styrene

Concen: 82.491 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

FDF-2

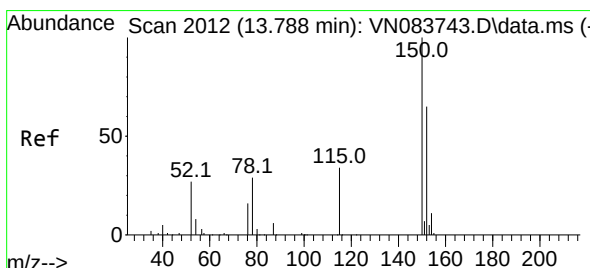
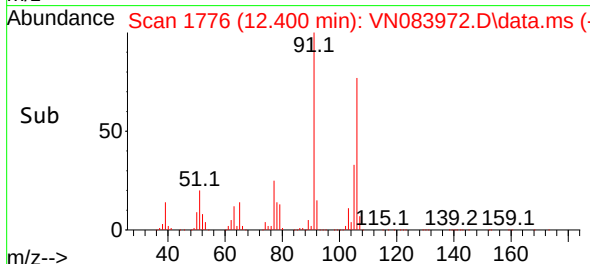
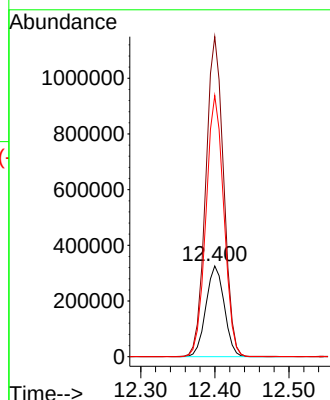
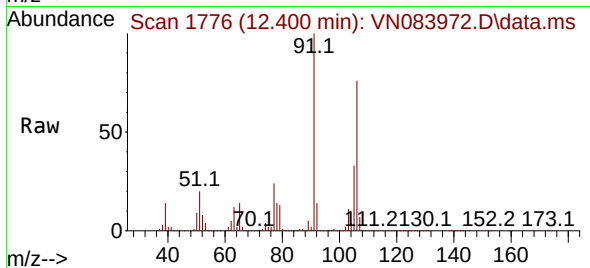
Tgt Ion:104 Resp: 560952

Ion Ratio Lower Upper

104 100

78 342.7 43.3 64.9#

103 280.4 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

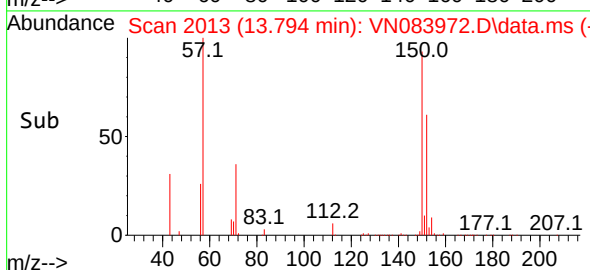
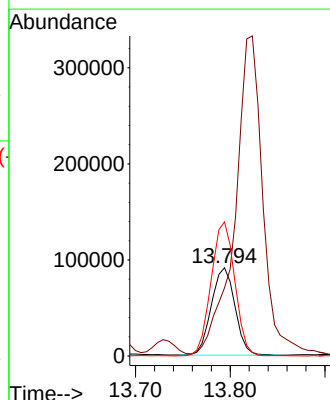
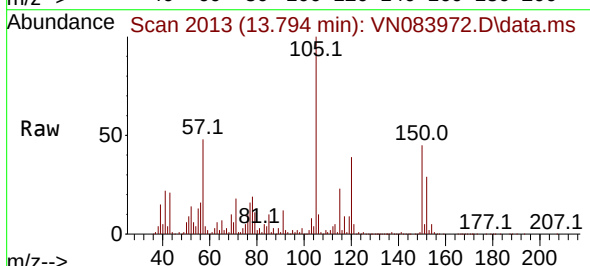
Tgt Ion:152 Resp: 157412

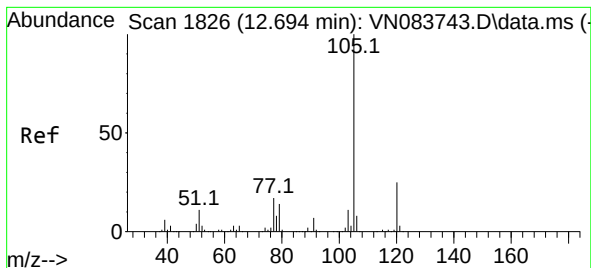
Ion Ratio Lower Upper

152 100

115 0.0 32.2 96.6#

150 153.9 0.0 348.6





#73

Isopropylbenzene

Concen: 457.227 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

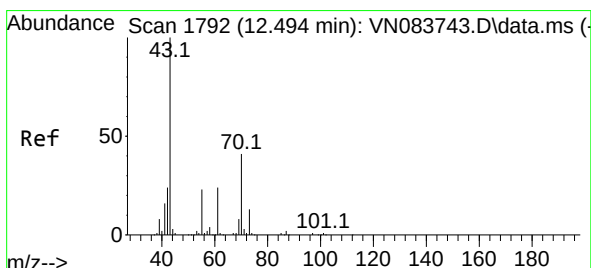
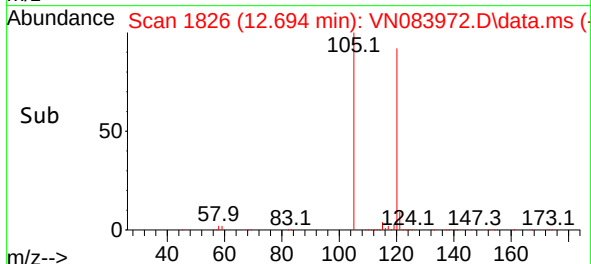
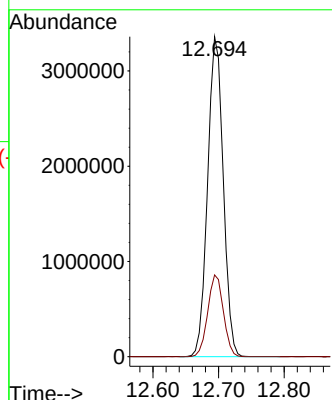
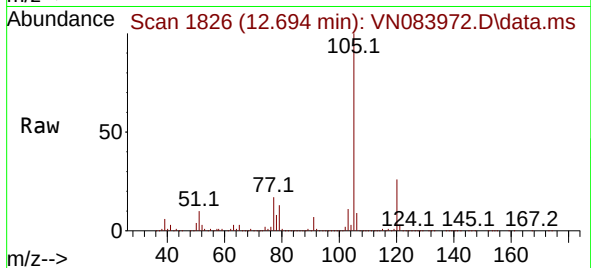
FDF-2

Tgt Ion:105 Resp: 5568280

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 20.734 ug/l

RT: 12.482 min Scan# 1790

Delta R.T. -0.012 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Tgt Ion: 43 Resp: 107734

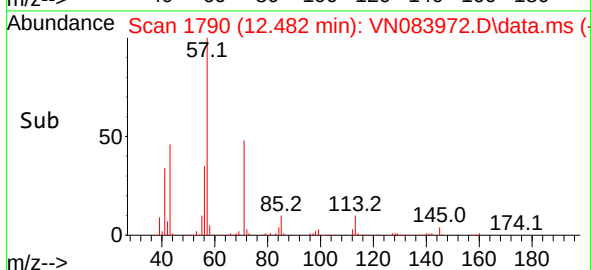
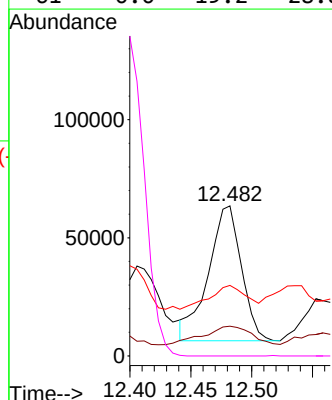
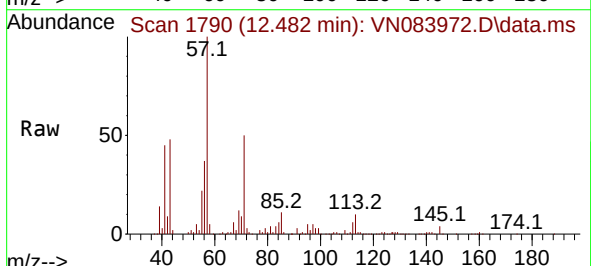
Ion Ratio Lower Upper

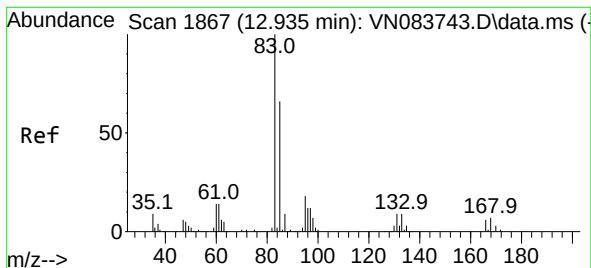
43 100

70 19.7 34.5 51.7#

55 19.1 18.6 28.0

61 0.0 19.2 28.8#

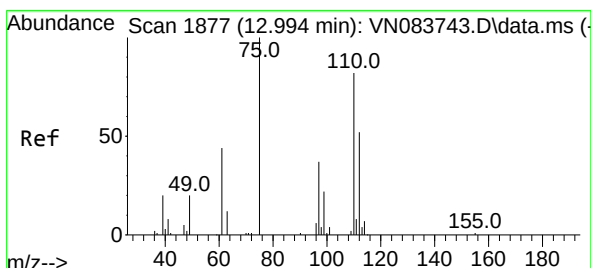
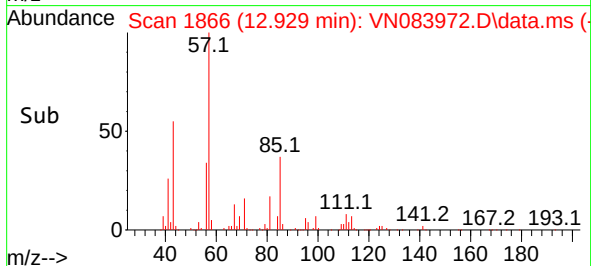
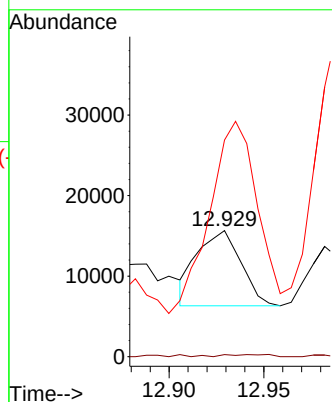
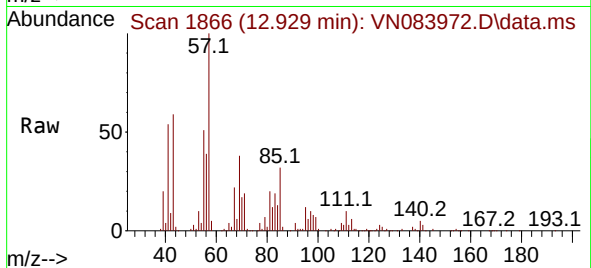




#75
1,1,2,2-Tetrachloroethane
Concen: 4.237 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

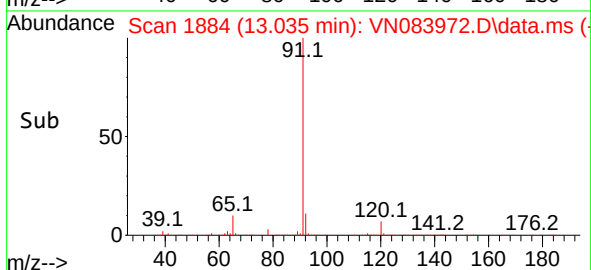
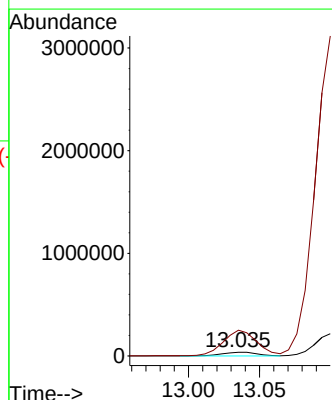
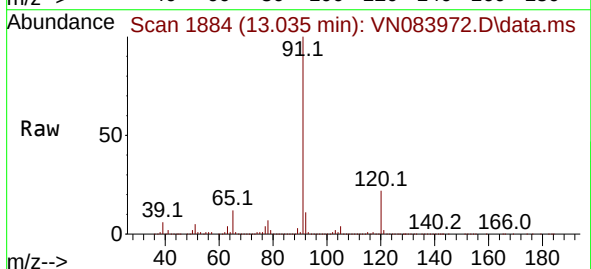
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

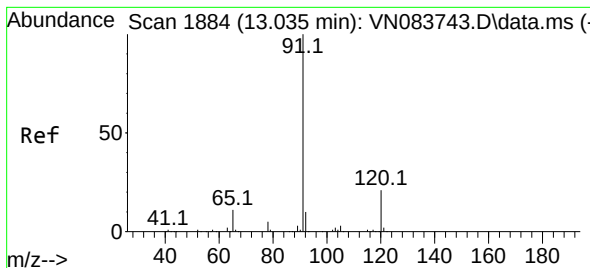
Tgt Ion: 83 Resp: 15161
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 277.1 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 19.713 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 75 Resp: 62612
Ion Ratio Lower Upper
75 100
77 654.0 95.2 285.6#





#78

n-propylbenzene

Concen: 668.835 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

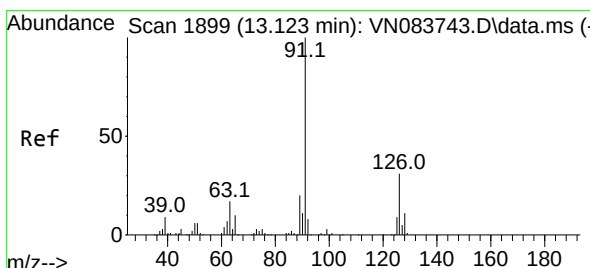
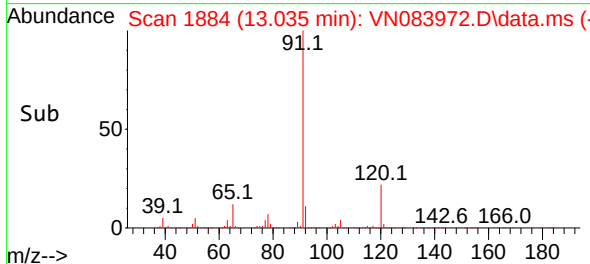
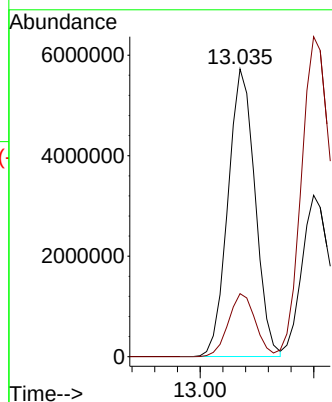
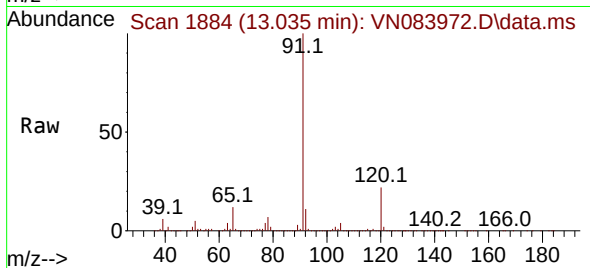
FDF-2

Tgt Ion: 91 Resp: 9477191

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0



#79

2-Chlorotoluene

Concen: 584.585 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.024 min

Lab File: VN083972.D

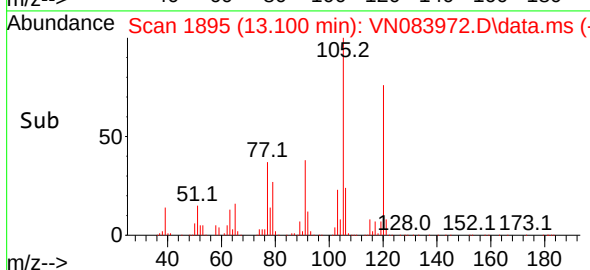
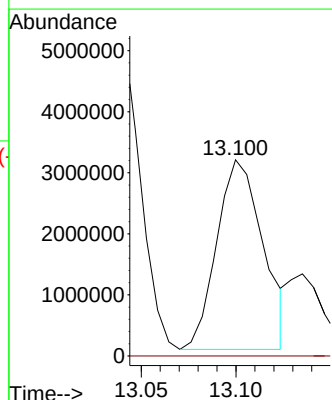
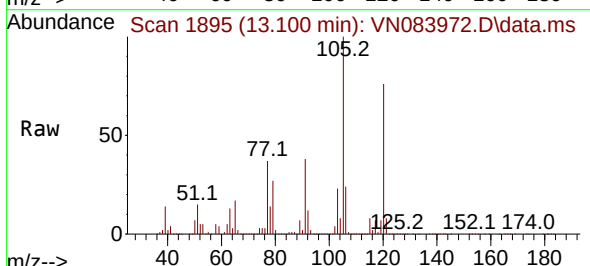
Acq: 18 Sep 2024 09:08

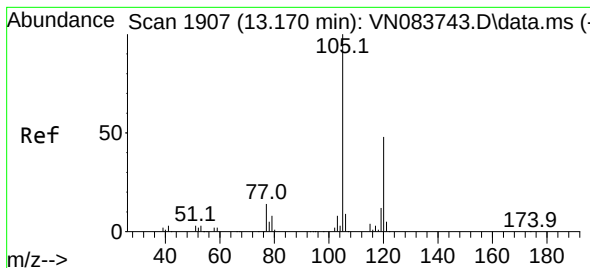
Tgt Ion: 91 Resp: 5282727

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#





#80

1,3,5-Trimethylbenzene

Concen: 1408.279 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

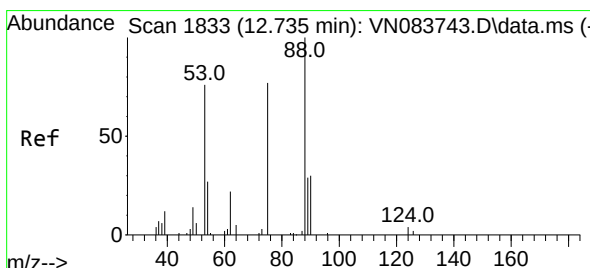
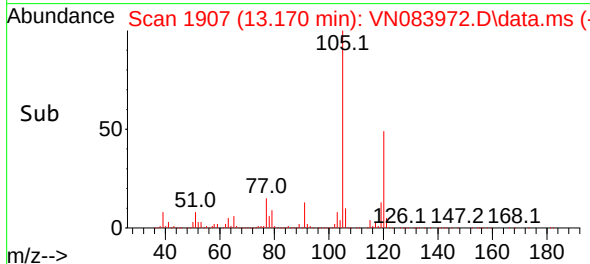
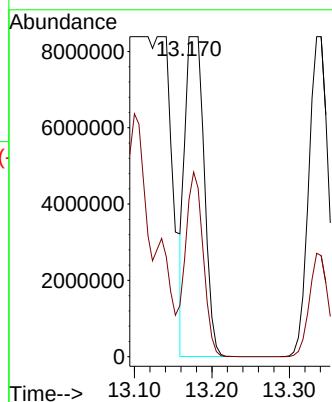
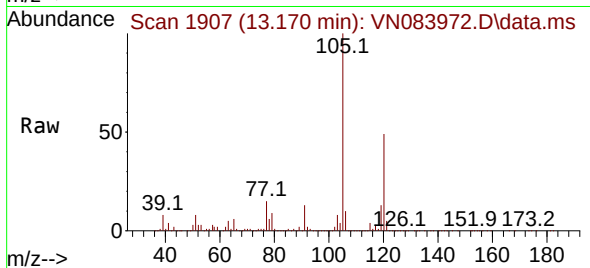
FDF-2

Tgt Ion:105 Resp:14459562

Ion Ratio Lower Upper

105 100

120 54.2 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 59.241 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.041 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

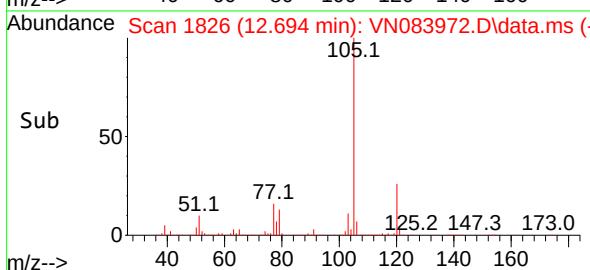
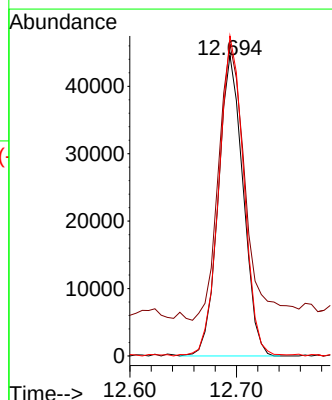
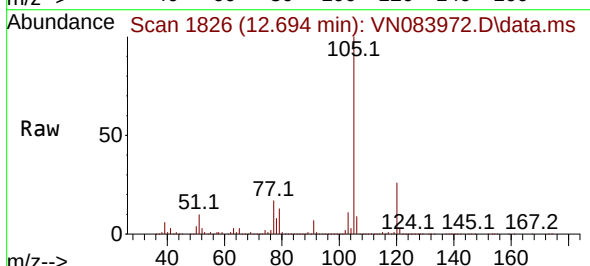
Tgt Ion: 75 Resp: 71844

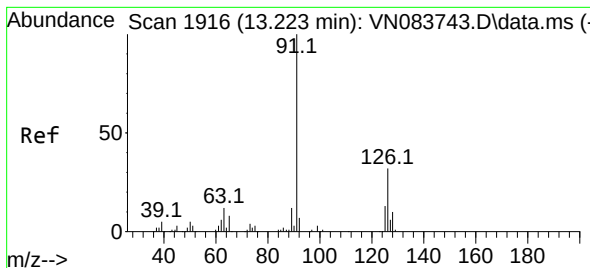
Ion Ratio Lower Upper

75 100

53 101.5 81.2 121.8

89 107.2 35.7 53.5#





#82

4-Chlorotoluene

Concen: 204.613 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.047 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

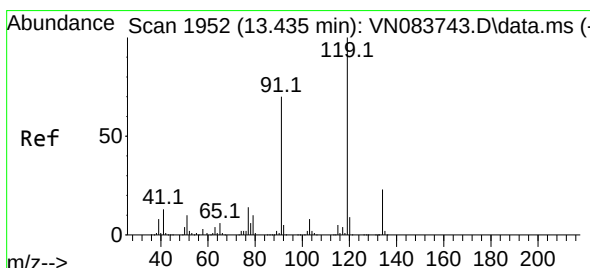
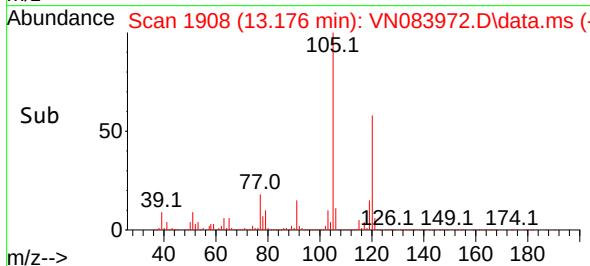
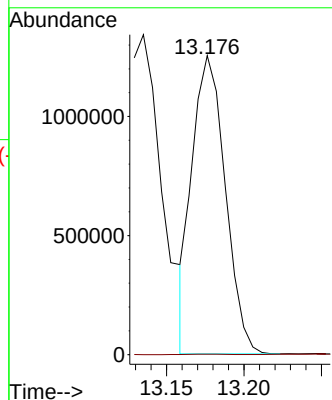
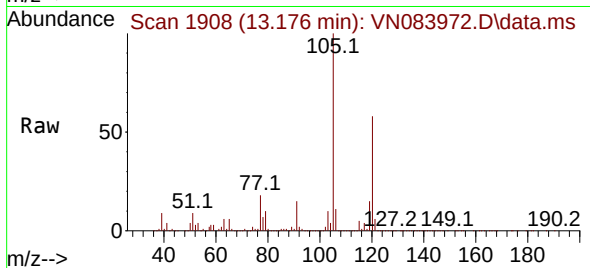
FDF-2

Tgt Ion: 91 Resp: 1855530

Ion Ratio Lower Upper

91 100

126 0.2 15.4 46.2#



#83

tert-Butylbenzene

Concen: 685.415 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.053 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

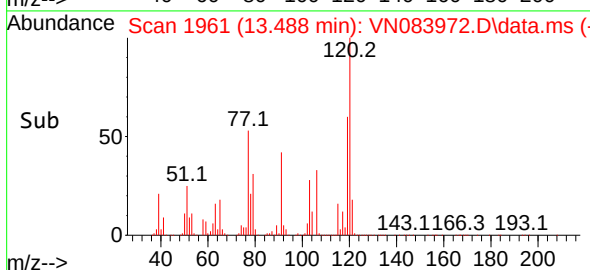
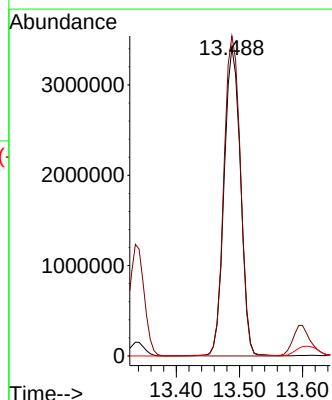
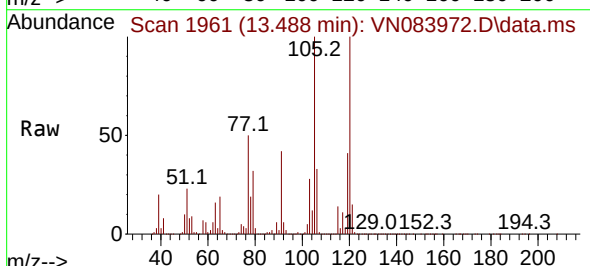
Tgt Ion: 119 Resp: 6157089

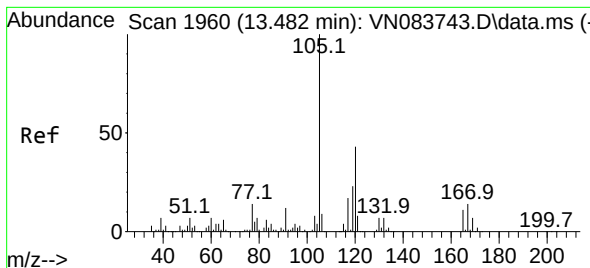
Ion Ratio Lower Upper

119 100

91 104.1 34.5 103.6#

134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 1421.492 ug/l

RT: 13.335 min Scan# 1960

Delta R.T. -0.147 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

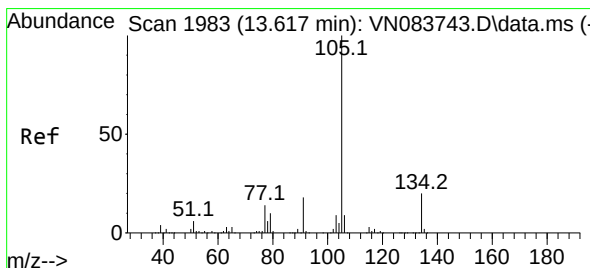
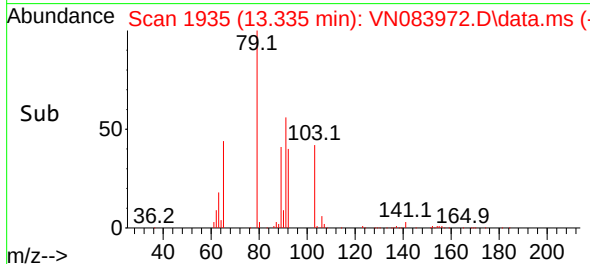
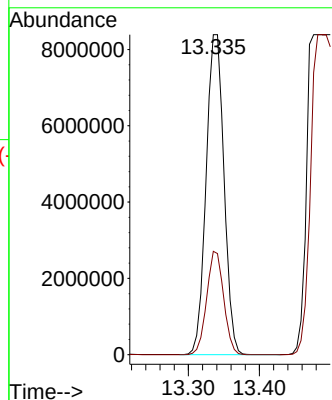
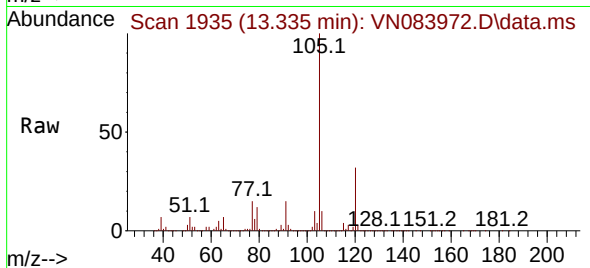
FDF-2

Tgt Ion:105 Resp:14661049

Ion Ratio Lower Upper

105 100

120 30.7 21.8 65.4



#85

sec-Butylbenzene

Concen: 58.093 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083972.D

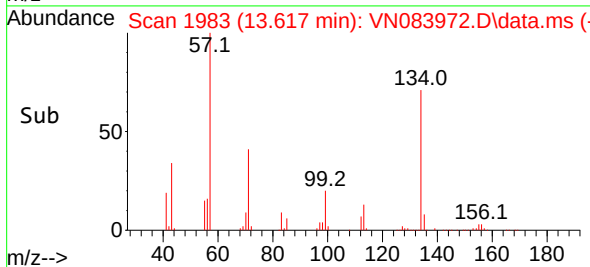
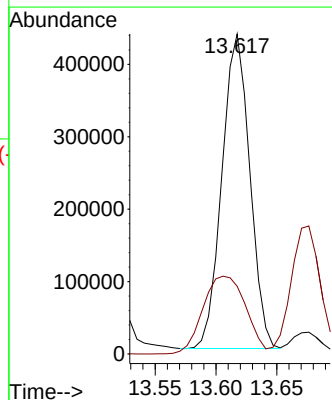
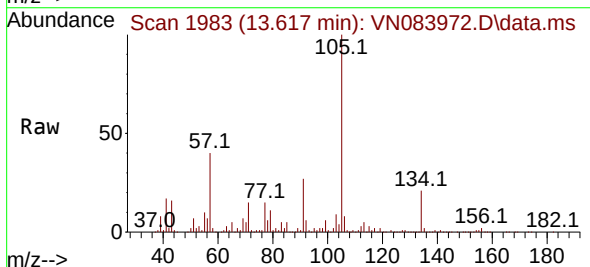
Acq: 18 Sep 2024 09:08

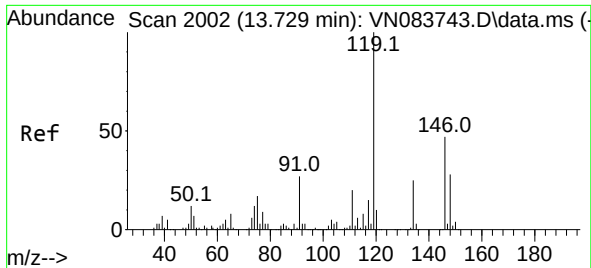
Tgt Ion:105 Resp: 692084

Ion Ratio Lower Upper

105 100

134 37.9 9.7 29.1#

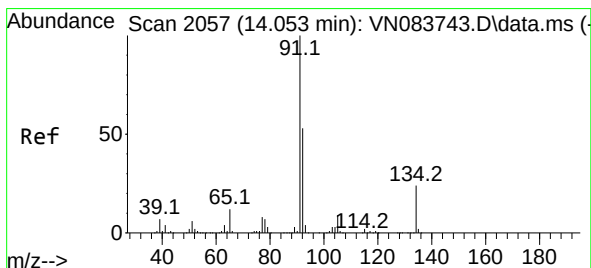
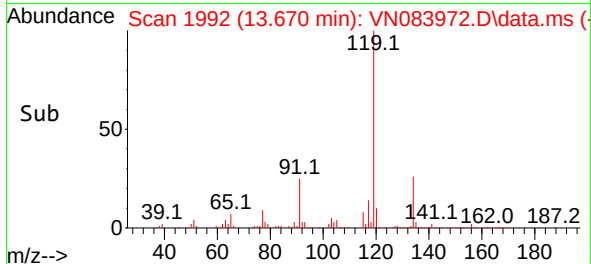
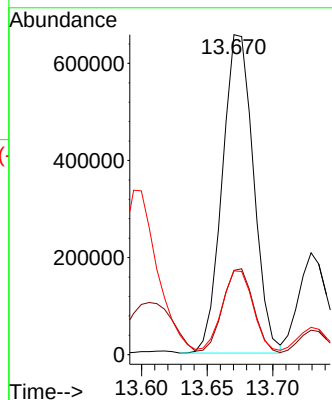
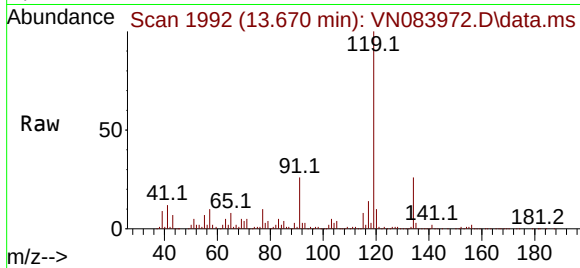




#86
p-Isopropyltoluene
Concen: 108.920 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. -0.059 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

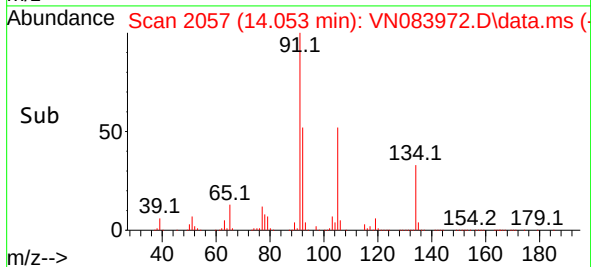
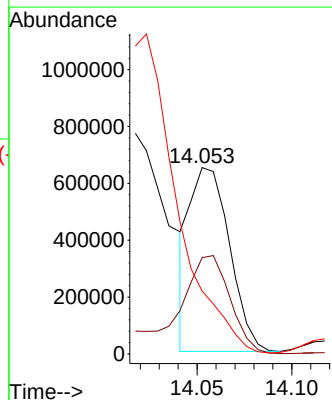
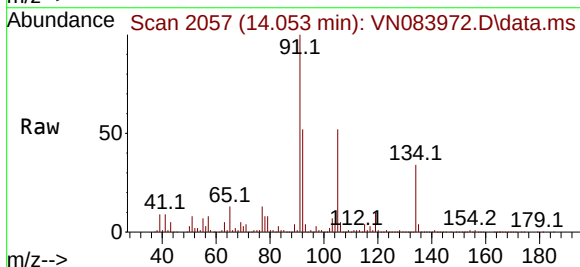
Instrument :
MSVOA_N
ClientSampleId :
FDF-2

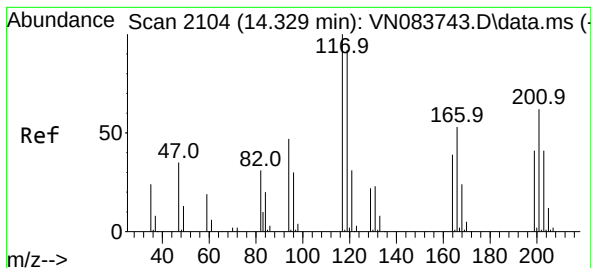
Tgt Ion:119 Resp: 1087744
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.3
91 24.3 12.9 38.7



#89
n-Butylbenzene
Concen: 105.144 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083972.D
Acq: 18 Sep 2024 09:08

Tgt Ion: 91 Resp: 942768
Ion Ratio Lower Upper
91 100
92 64.4 26.7 80.1
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 252.847 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

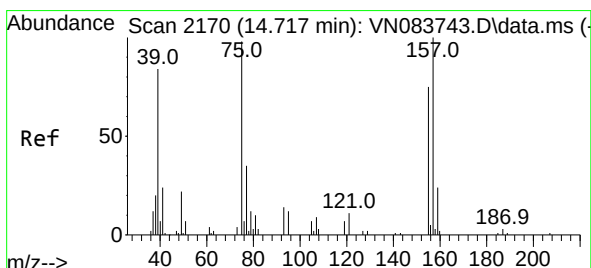
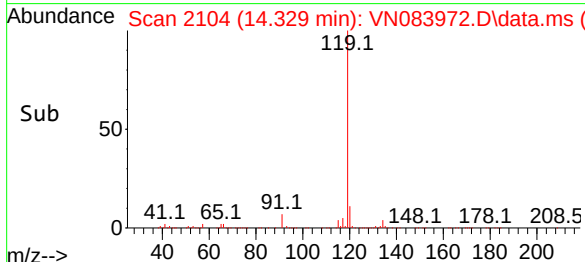
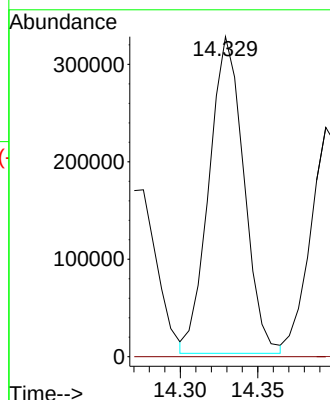
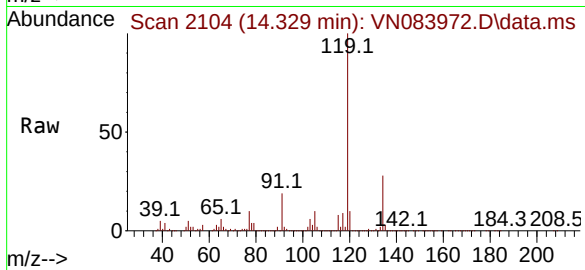
FDF-2

Tgt Ion:117 Resp: 507591

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.317 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.029 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

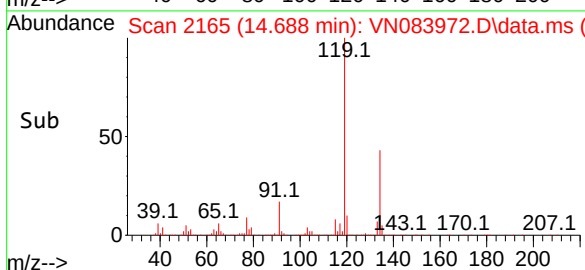
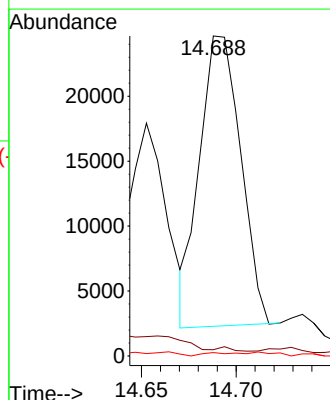
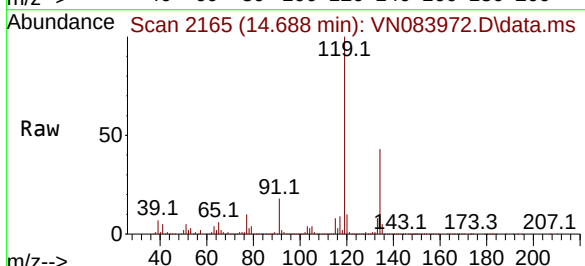
Tgt Ion: 75 Resp: 33751

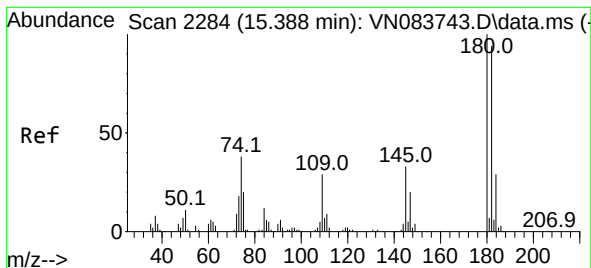
Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.7#

157 0.6 47.5 142.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.334 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Instrument :

MSVOA_N

ClientSampleId :

FDF-2

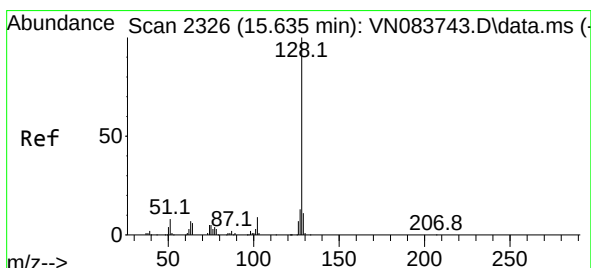
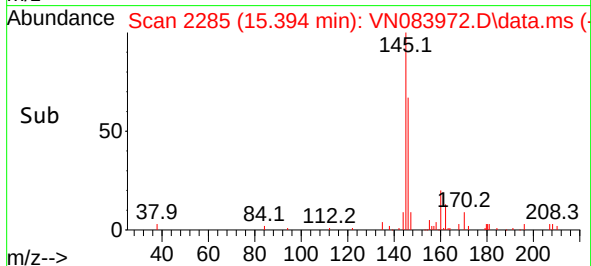
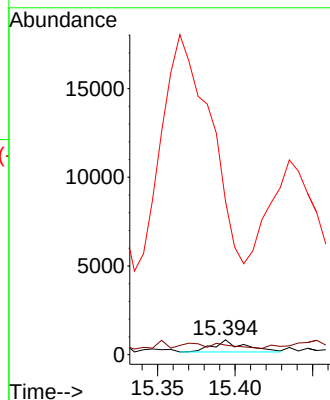
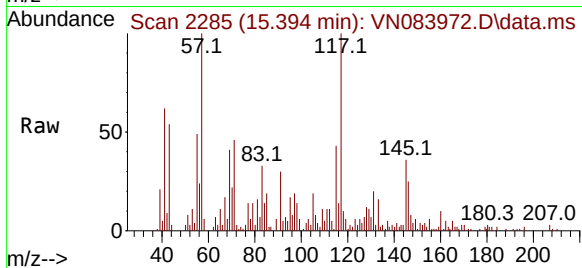
Tgt Ion:180 Resp: 958

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 0.0 16.9 50.7#



#95

Naphthalene

Concen: 915.698 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN083972.D

Acq: 18 Sep 2024 09:08

Tgt Ion:128 Resp: 7982079

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.7 13.1

