

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035847.D
 Acq On : 24 May 2023 19:31
 Operator : JC/MD
 Sample : 02860-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-08-81-05112023MSD

Quant Time: May 25 05:35:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	155260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275946	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	120862	44.622	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	93096	50.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.060%
50) Toluene-d8	8.647	98	333620	48.527	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	128026	46.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	86755	42.875	ug/l	100
3) Chloromethane	1.295	50	95825	39.024	ug/l	100
4) Vinyl Chloride	1.374	62	94243	45.224	ug/l	98
5) Bromomethane	1.618	94	58487	51.821	ug/l	95
6) Chloroethane	1.691	64	61068	48.305	ug/l	100
7) Trichlorofluoromethane	1.886	101	146436	47.790	ug/l	98
8) Diethyl Ether	2.130	74	55219	46.804	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	83104	45.681	ug/l	99
10) Methyl Iodide	2.453	142	94539	58.104	ug/l	96
11) Tert butyl alcohol	3.020	59	103024	215.593	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	81453	47.110	ug/l	95
13) Acrolein	2.240	56	167832	295.914	ug/l	99
14) Allyl chloride	2.666	41	159704	43.115	ug/l	97
15) Acrylonitrile	3.069	53	288361	274.037	ug/l	99
16) Acetone	2.398	43	260527	223.795	ug/l	99
17) Carbon Disulfide	2.514	76	174810	41.892	ug/l	99
18) Methyl Acetate	2.709	43	225713	52.573	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	311048	45.208	ug/l	100
20) Methylene Chloride	2.788	84	98491	46.682	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	91336	48.209	ug/l	97
22) Diisopropyl ether	3.758	45	331241	45.673	ug/l	99
23) Vinyl Acetate	3.721	43	1121667	218.579	ug/l	98
24) 1,1-Dichloroethane	3.605	63	179398	46.251	ug/l	99
25) 2-Butanone	4.568	43	411731	255.492	ug/l	99
26) 2,2-Dichloropropane	4.477	77	122990	37.444	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	110433	48.488	ug/l	99
28) Bromochloromethane	4.898	49	85812	49.186	ug/l	99
29) Tetrahydrofuran	5.013	42	264863	261.490	ug/l	99
30) Chloroform	5.093	83	183370	46.135	ug/l	97
31) Cyclohexane	5.471	56	149531	43.696	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	156384	45.221	ug/l	99
36) 1,1-Dichloropropene	5.690	75	130754	44.512	ug/l	99
37) Ethyl Acetate	4.715	43	146829	47.923	ug/l	99
38) Carbon Tetrachloride	5.678	117	122032	43.855	ug/l	99
39) Methylcyclohexane	7.379	83	148522	42.953	ug/l	96
40) Benzene	6.038	78	386900	47.082	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	88030	48.391	ug/l	98
42) 1,2-Dichloroethane	6.086	62	149463	42.281	ug/l	100
43) Isopropyl Acetate	6.342	43	243887	45.649	ug/l	100
44) Trichloroethene	7.129	130	135353	64.959	ug/l	99
45) 1,2-Dichloropropane	7.428	63	104361	47.951	ug/l	100
46) Dibromomethane	7.580	93	71378	47.912	ug/l	99
47) Bromodichloromethane	7.824	83	129561	44.994	ug/l	98
48) Methyl methacrylate	7.696	41	124053	47.049	ug/l	99
49) 1,4-Dioxane	7.726	88	44299	816.176	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	809448	262.981	ug/l	98
52) Toluene	8.720	92	237899	45.862	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	140979	45.064	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	153676	45.849	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	99820	48.994	ug/l	97
56) Ethyl methacrylate	9.116	69	158628	48.078	ug/l	99
57) 1,3-Dichloropropane	9.305	76	173936	47.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.366	63	980	0.584	ug/l #	47
59) 2-Hexanone	9.433	43	613229	264.550	ug/l	99
60) Dibromochloromethane	9.519	129	93279	48.031	ug/l	99
61) 1,2-Dibromoethane	9.610	107	104776	48.811	ug/l	99
64) Tetrachloroethene	9.275	164	99004	59.317	ug/l	95
65) Chlorobenzene	10.080	112	255521	47.216	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	90147	47.110	ug/l	100
67) Ethyl Benzene	10.195	91	462279	45.420	ug/l	98
68) m/p-Xylenes	10.299	106	343846	91.396	ug/l	100
69) o-Xylene	10.640	106	172636	46.243	ug/l	100
70) Styrene	10.653	104	286511	47.619	ug/l	98
71) Bromoform	10.799	173	60200	47.814	ug/l #	99
73) Isopropylbenzene	10.964	105	446766	45.689	ug/l	100
74) N-amyl acetate	10.842	43	235187	51.584	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.214	83	160204	50.505	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	172588	60.803	ug/l	83
77) Bromobenzene	11.195	156	106503	47.986	ug/l	99
78) n-propylbenzene	11.305	91	523311	45.526	ug/l	100
79) 2-Chlorotoluene	11.366	91	314262	43.668	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	369843	44.501	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40327	45.788	ug/l	91
82) 4-Chlorotoluene	11.451	91	357897	43.182	ug/l	98
83) tert-Butylbenzene	11.713	119	364465	45.115	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	380605	45.609	ug/l	99
85) sec-Butylbenzene	11.890	105	460154	45.365	ug/l	99
86) p-Isopropyltoluene	12.006	119	375243	44.999	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	201027	47.679	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	201783	47.395	ug/l	99
89) n-Butylbenzene	12.329	91	335353	44.208	ug/l	98
90) Hexachloroethane	12.536	117	57091	45.170	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	200326	48.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	32923	46.610	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	118533	47.680	ug/l	99
94) Hexachlorobutadiene	13.725	225	45520	46.131	ug/l	99
95) Naphthalene	13.774	128	432178	50.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	117742	48.157	ug/l	98

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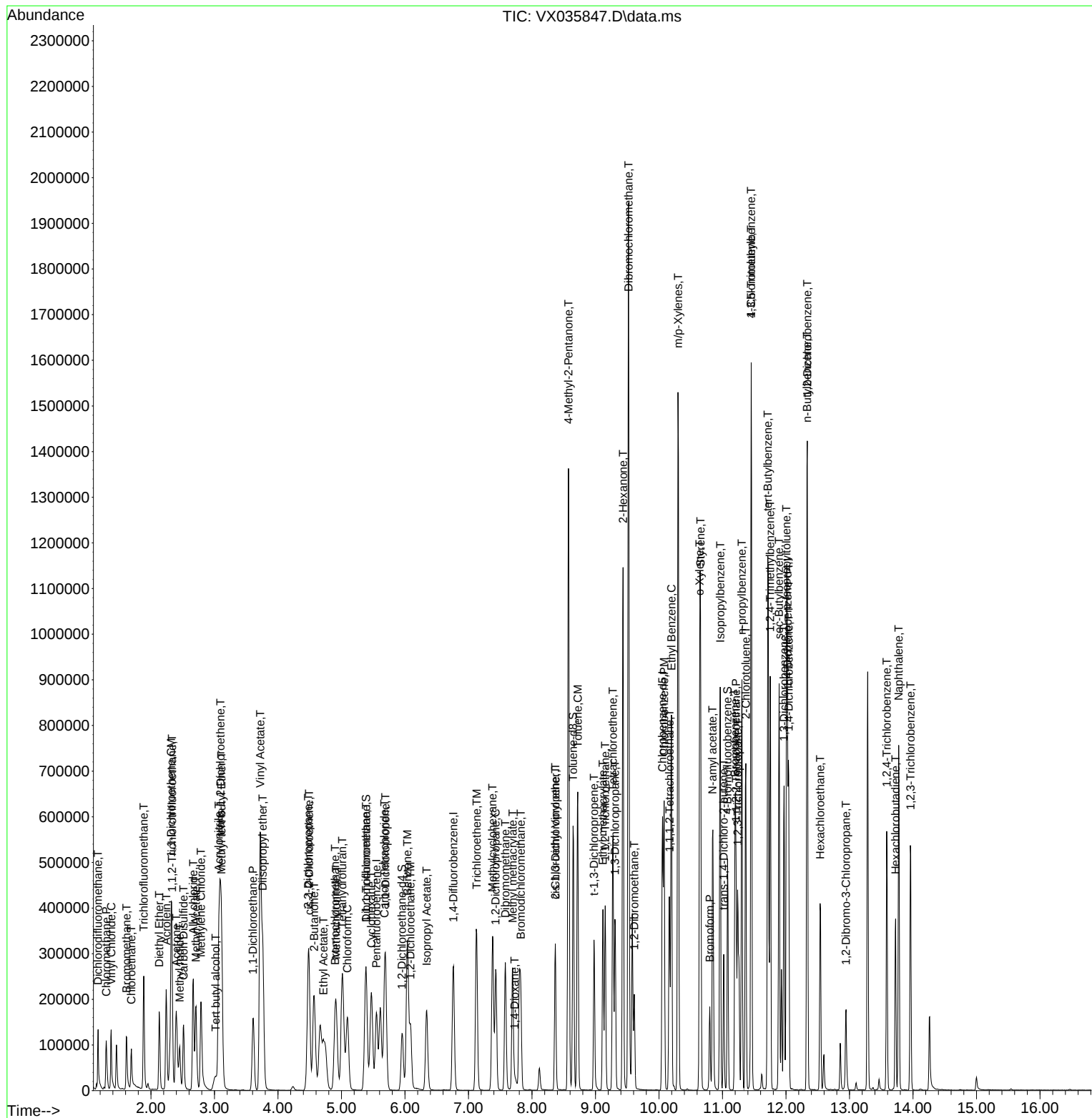
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
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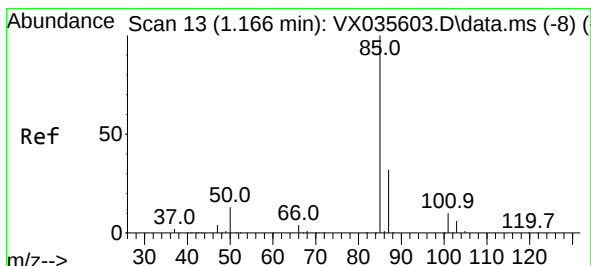
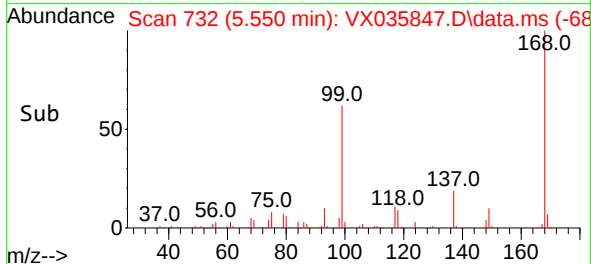
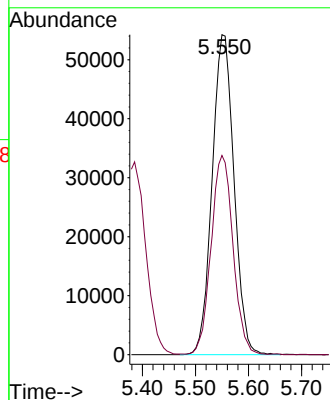
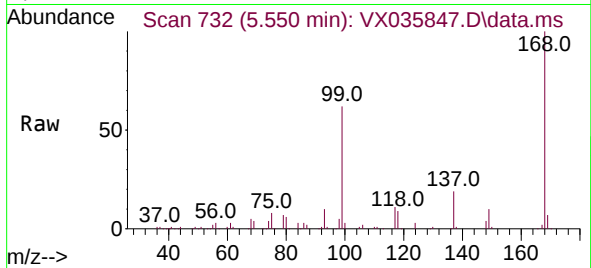




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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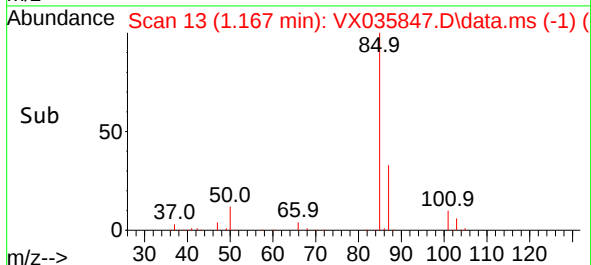
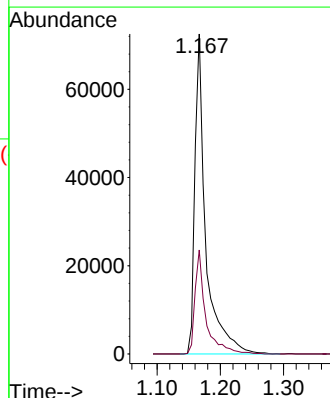
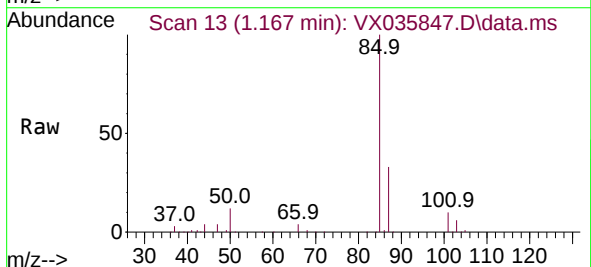
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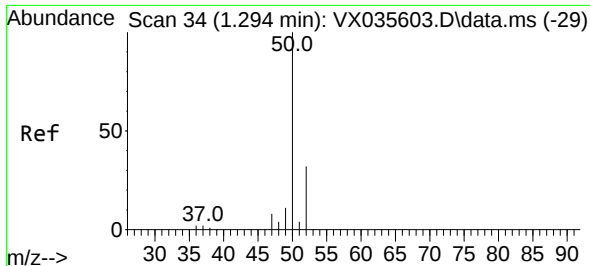
Tgt Ion:168 Resp: 155260
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 42.875 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 85 Resp: 86755
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1

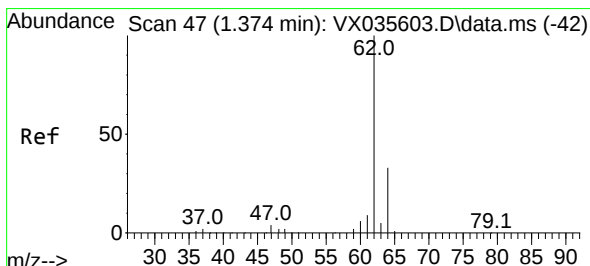
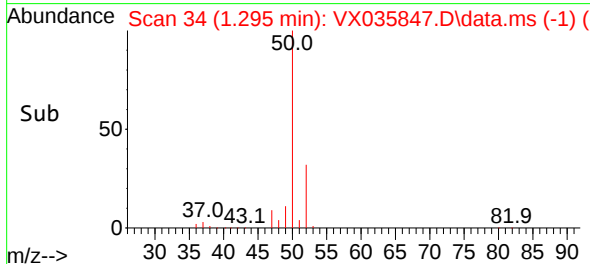
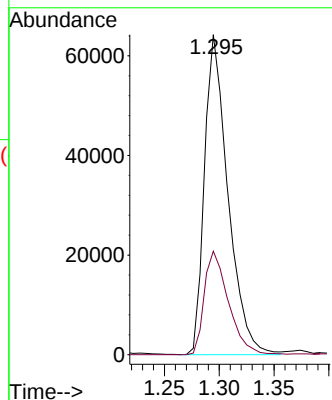
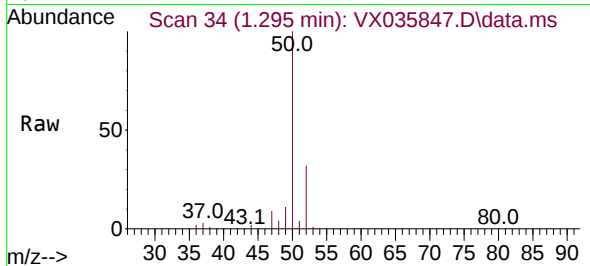




#3
Chloromethane
Concen: 39.024 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

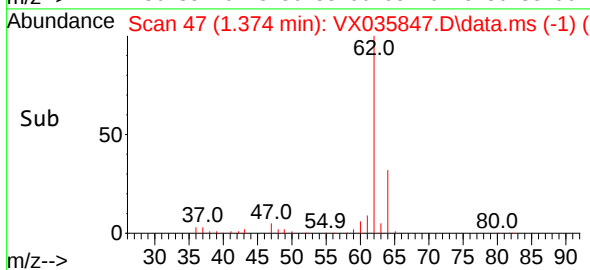
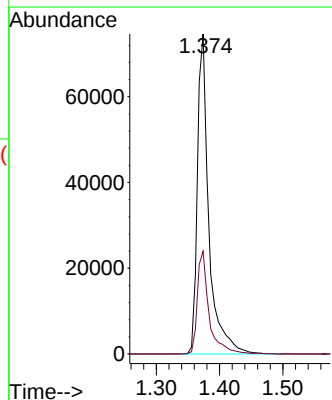
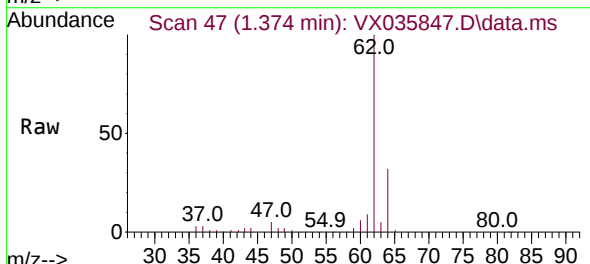
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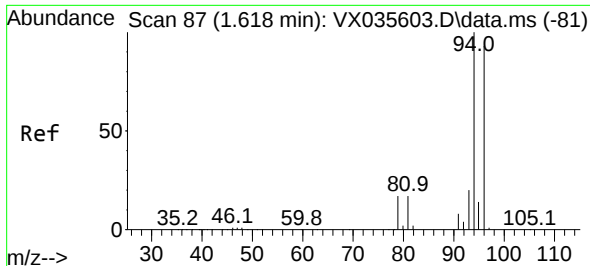
Tgt Ion: 50 Resp: 95825
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 45.224 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 62 Resp: 94243
Ion Ratio Lower Upper
62 100
64 32.1 26.4 39.6

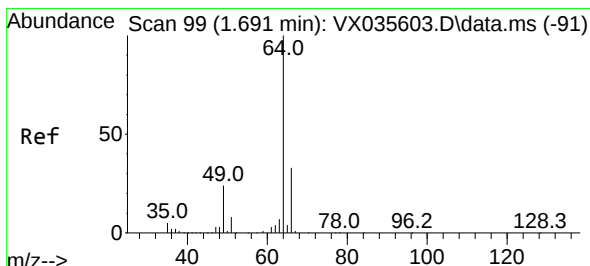
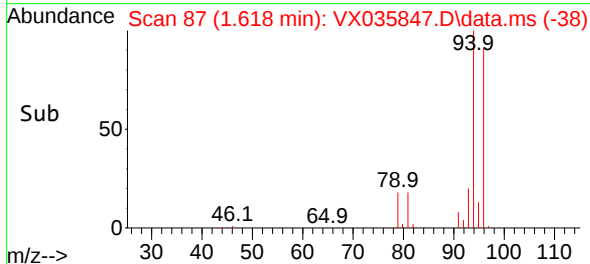
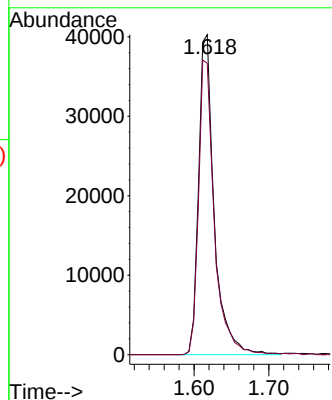
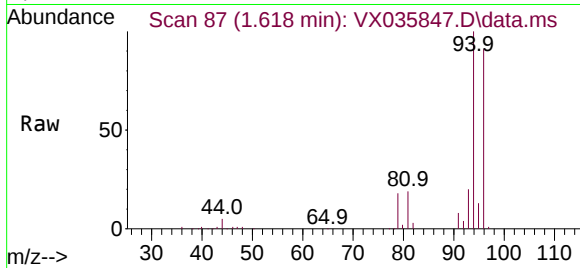




#5
Bromomethane
Concen: 51.821 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035847.D
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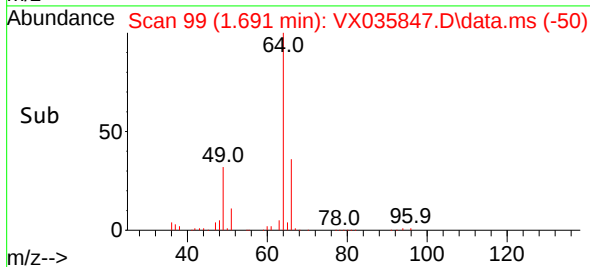
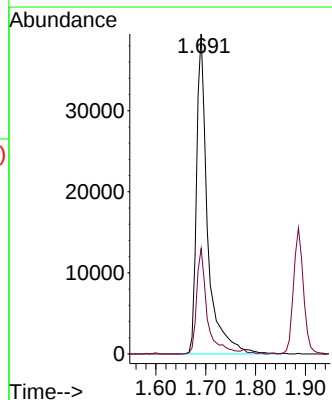
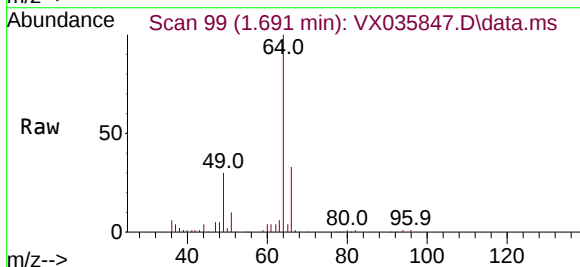
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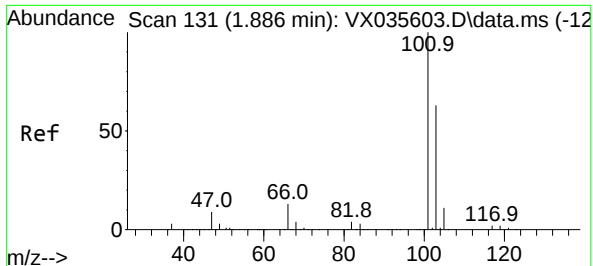
Tgt Ion: 94 Resp: 58487
Ion Ratio Lower Upper
94 100
96 91.1 77.0 115.6



#6
Chloroethane
Concen: 48.305 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035847.D
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Tgt Ion: 64 Resp: 61068
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

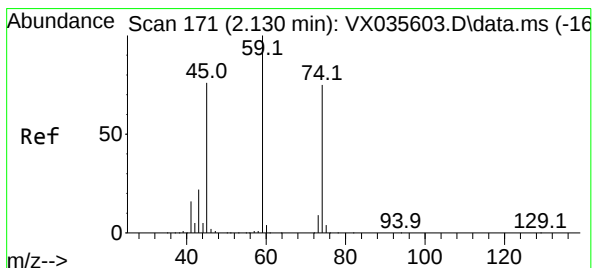
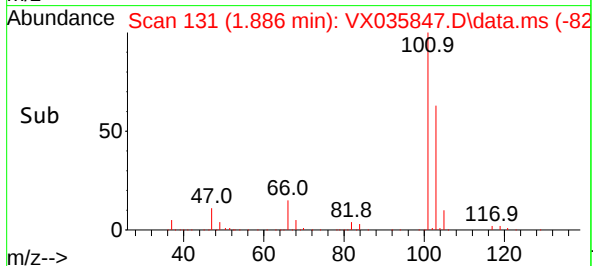
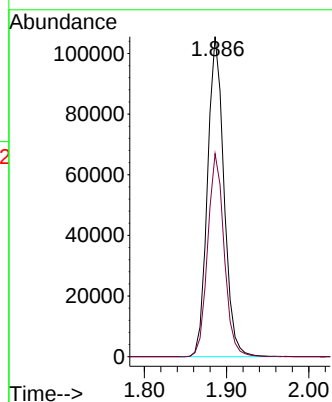
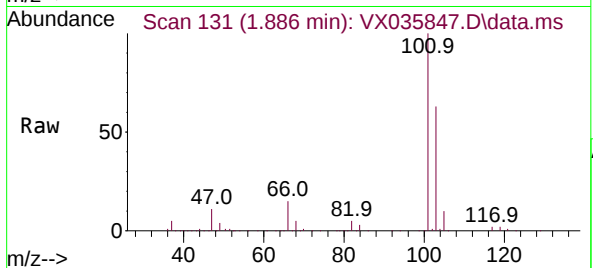




#7
Trichlorofluoromethane
Concen: 47.790 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

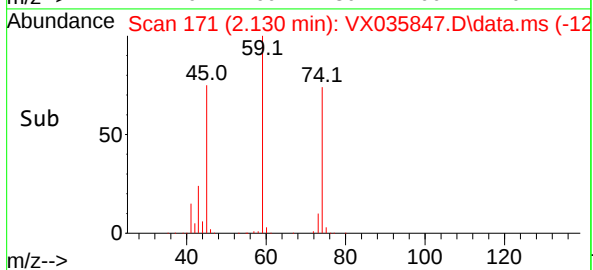
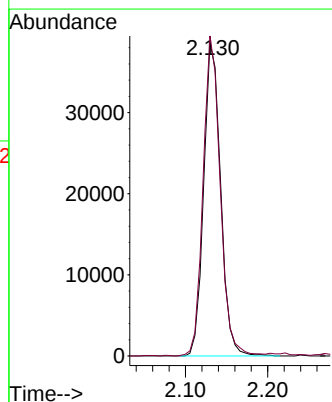
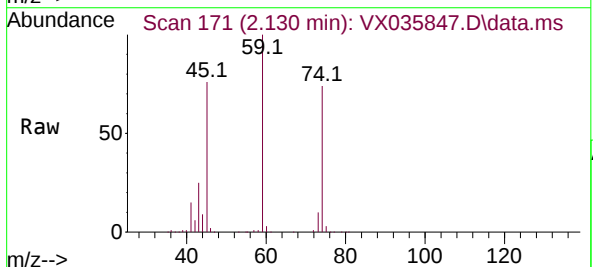
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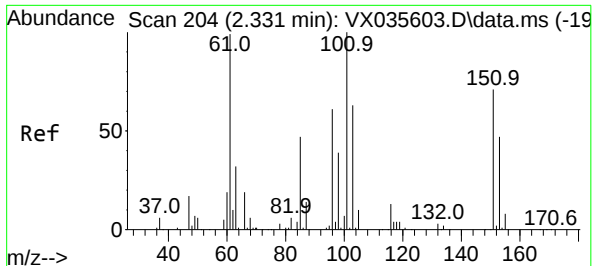
Tgt Ion:101 Resp: 146436
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0



#8
Diethyl Ether
Concen: 46.804 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 55219
Ion Ratio Lower Upper
74 100
45 103.6 49.8 149.3

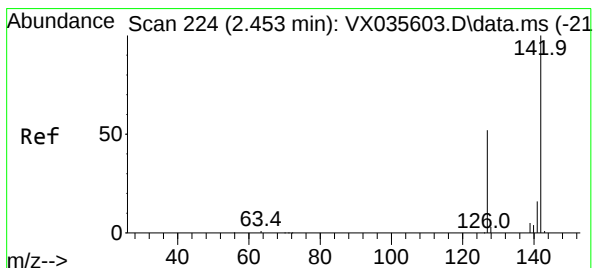
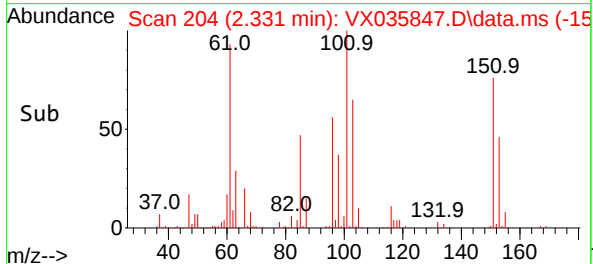
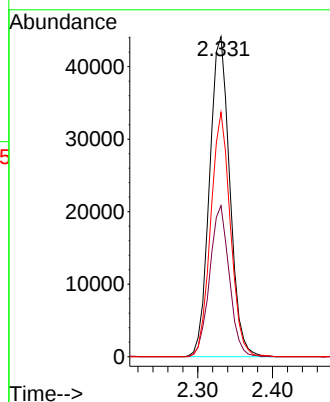
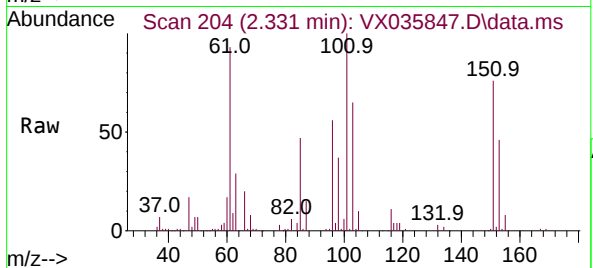




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.681 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

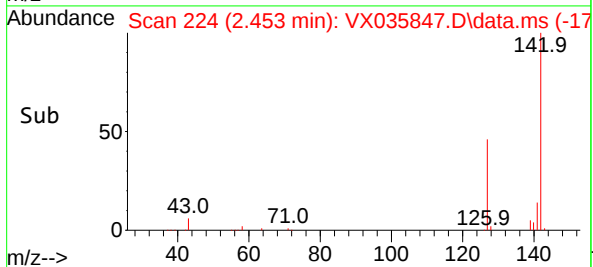
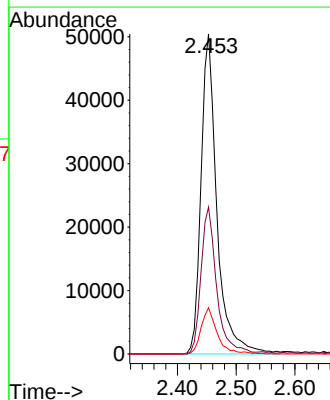
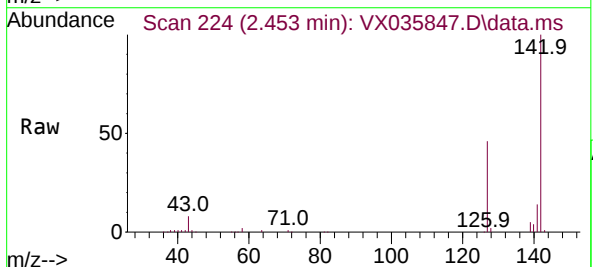
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

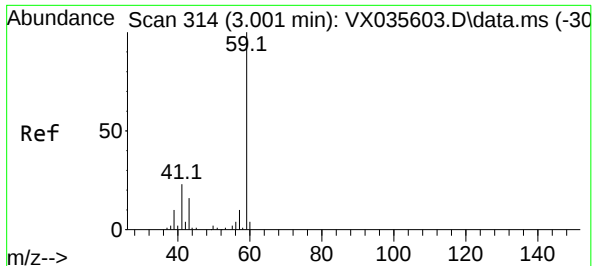
Tgt Ion:101 Resp: 83104
Ion Ratio Lower Upper
101 100
85 45.4 35.4 53.2
151 74.2 60.2 90.4



#10
Methyl Iodide
Concen: 58.104 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:142 Resp: 94539
Ion Ratio Lower Upper
142 100
127 45.2 34.0 51.0
141 14.6 11.1 16.7

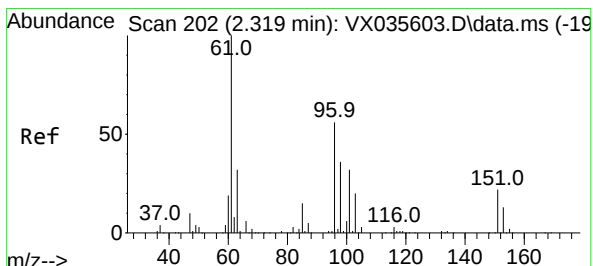
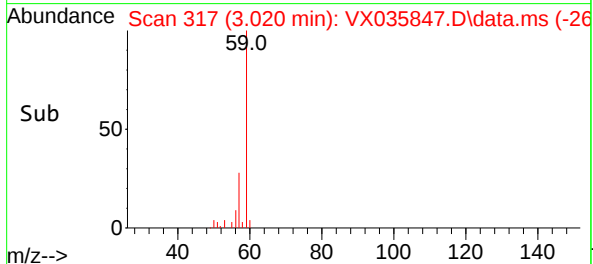
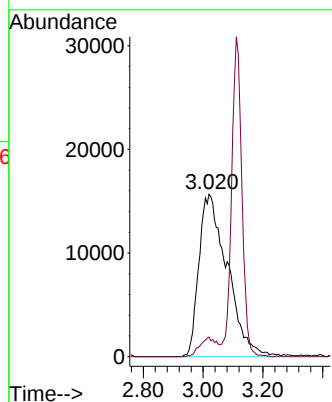
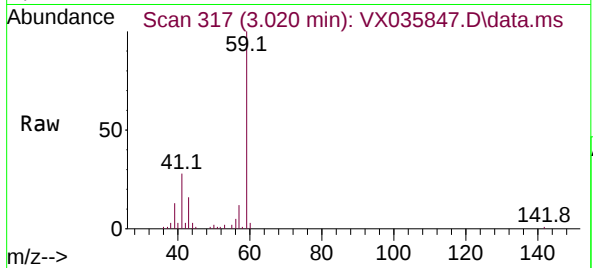




#11
Tert butyl alcohol
Concen: 215.593 ug/l
RT: 3.020 min Scan# 314
Delta R.T. 0.019 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

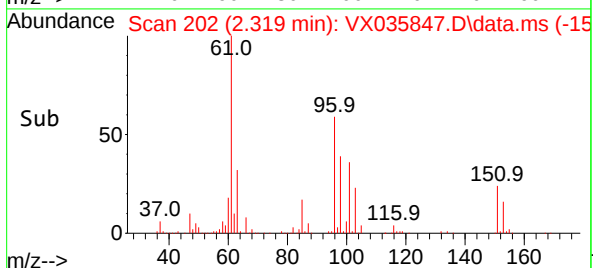
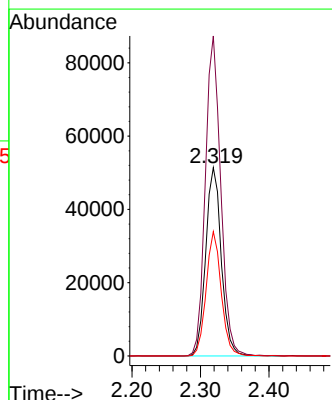
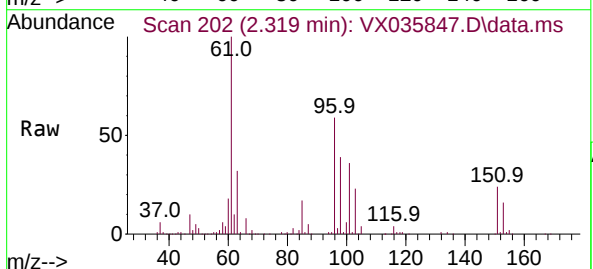
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

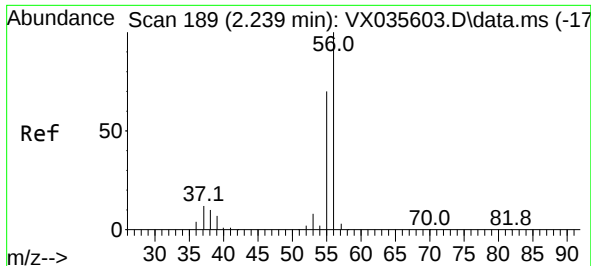
Tgt Ion: 59 Resp: 103024
Ion Ratio Lower Upper
59 100
57 7.1 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 47.110 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 96 Resp: 81453
Ion Ratio Lower Upper
96 100
61 169.9 128.8 193.2
98 66.0 51.4 77.0

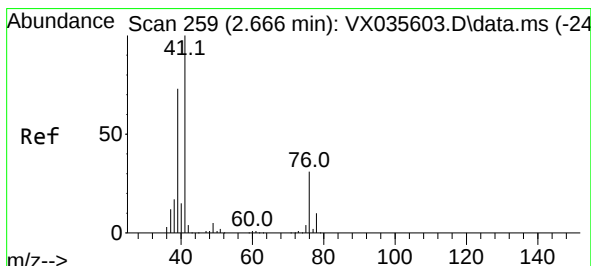
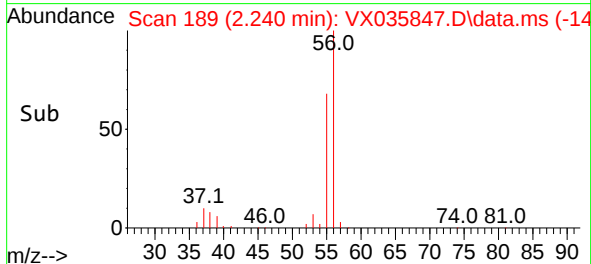
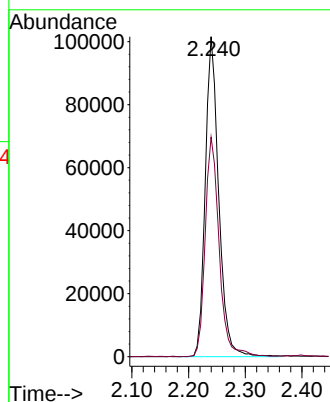
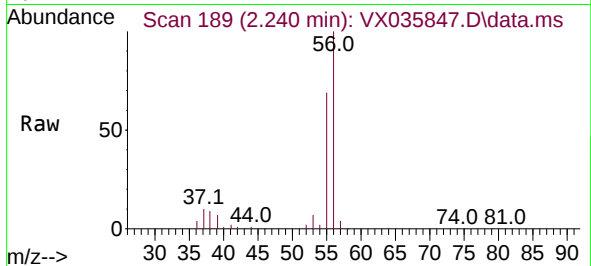




#13
Acrolein
Concen: 295.914 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

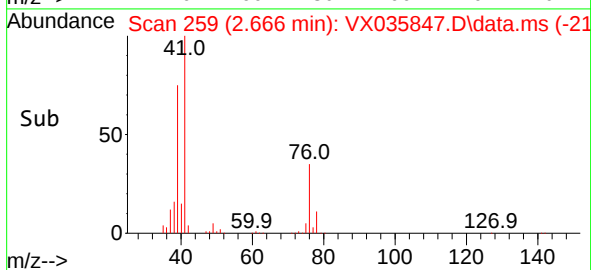
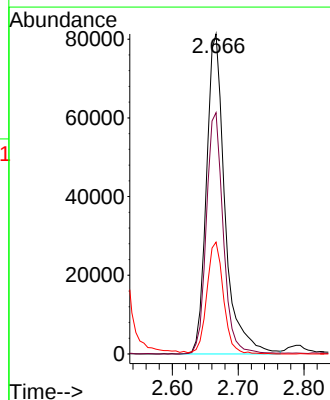
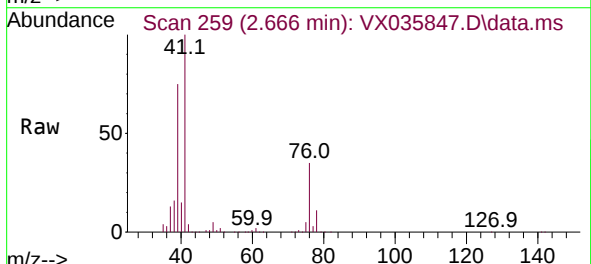
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-81-05112023MSD

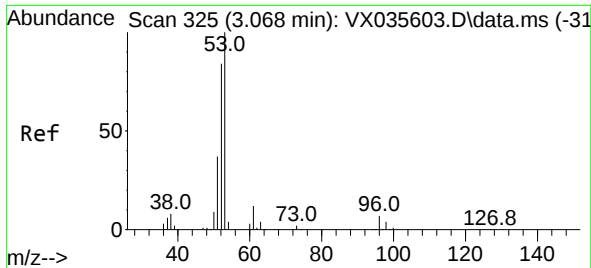
Tgt Ion: 56 Resp: 167832
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0



#14
Allyl chloride
Concen: 43.115 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 41 Resp: 159704
Ion Ratio Lower Upper
41 100
39 68.7 52.4 78.6
76 31.5 26.0 39.0

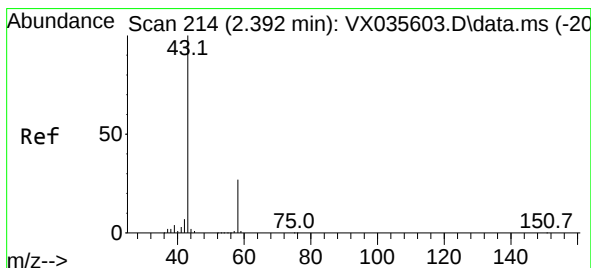
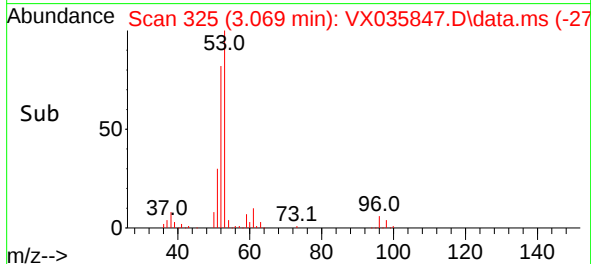
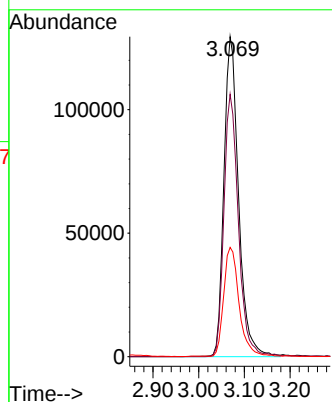
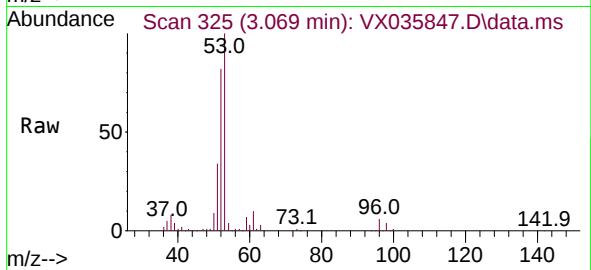




#15
Acrylonitrile
Concen: 274.037 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

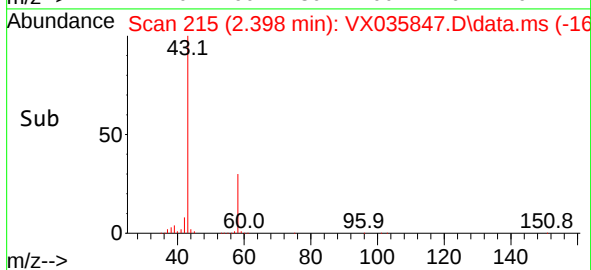
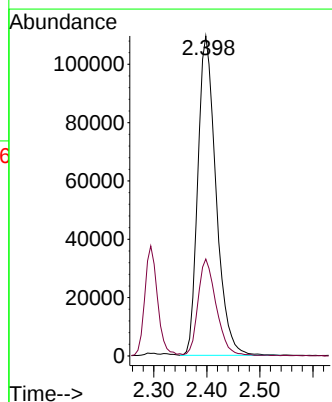
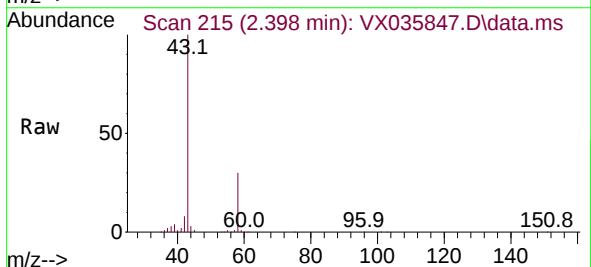
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

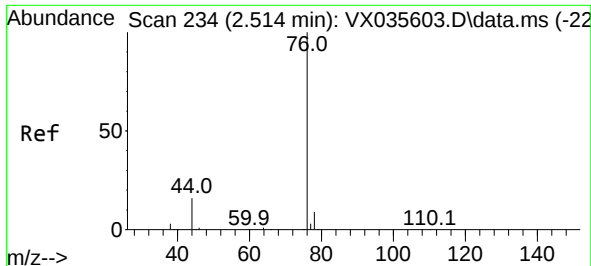
Tgt Ion: 53 Resp: 288361
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 35.7 28.3 42.5



#16
Acetone
Concen: 223.795 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 43 Resp: 260527
Ion Ratio Lower Upper
43 100
58 30.2 24.7 37.1

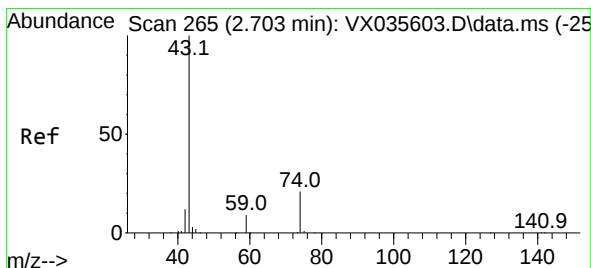
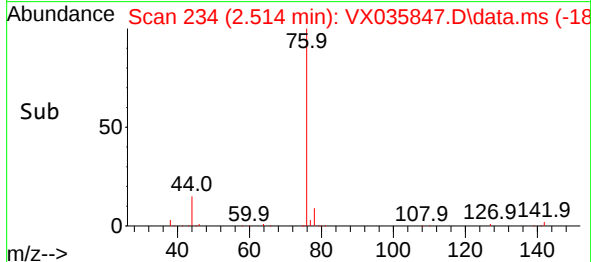
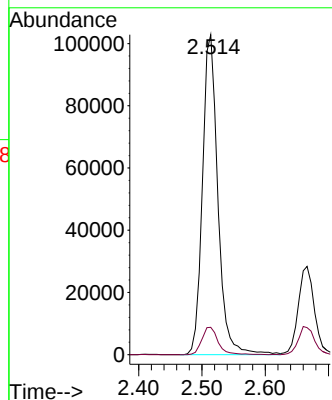
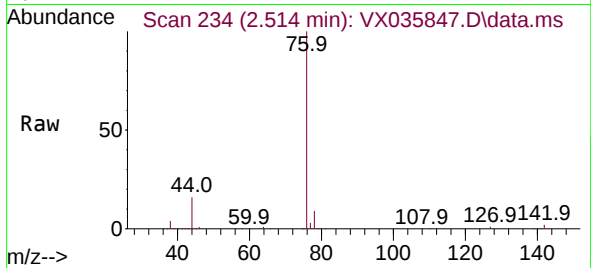




#17
Carbon Disulfide
Concen: 41.892 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

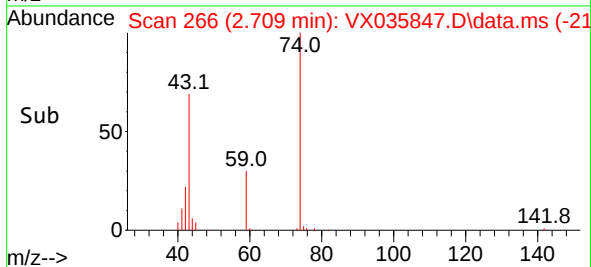
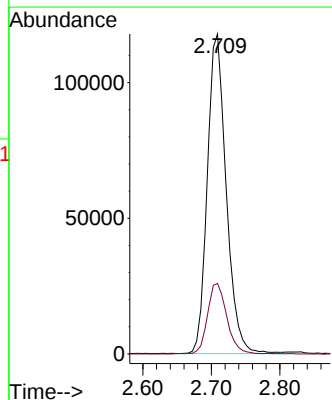
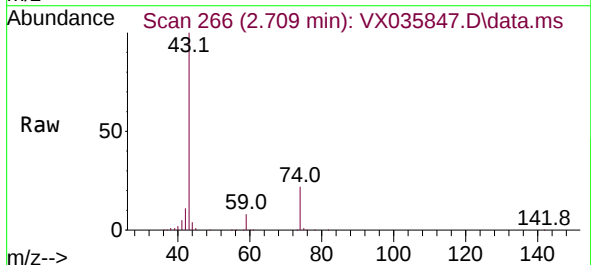
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

Tgt Ion: 76 Resp: 174810
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 52.573 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 43 Resp: 225713
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 45.208 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

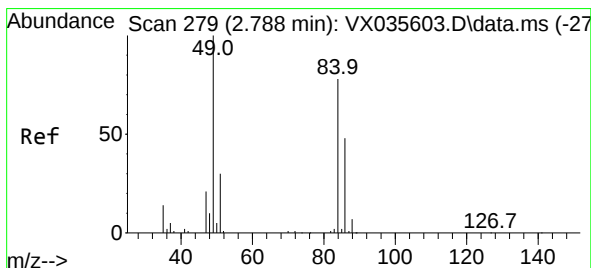
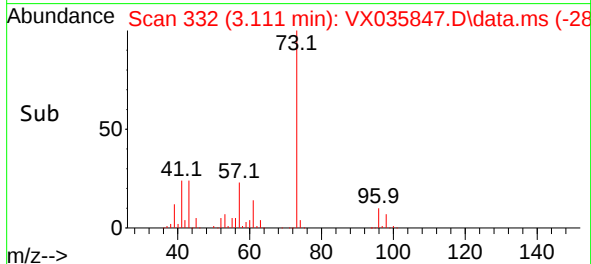
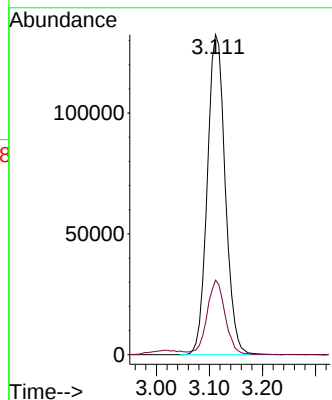
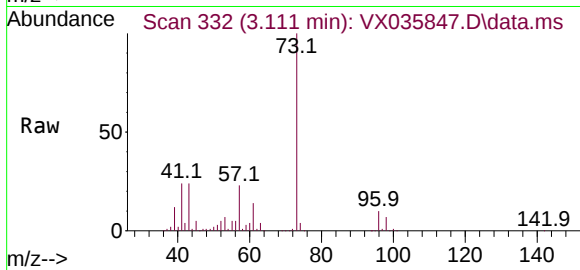
FSND-PRO-08-81-05112023MSD

Tgt Ion: 73 Resp: 311048

Ion Ratio Lower Upper

73 100

57 23.3 18.5 27.7



#20

Methylene Chloride

Concen: 46.682 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Tgt Ion: 84 Resp: 98491

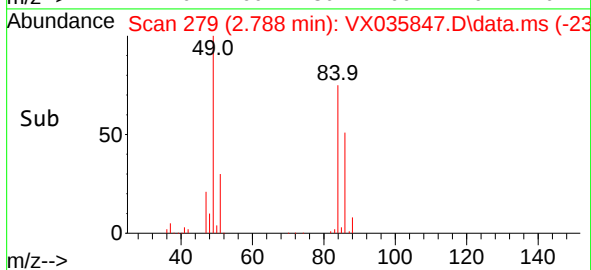
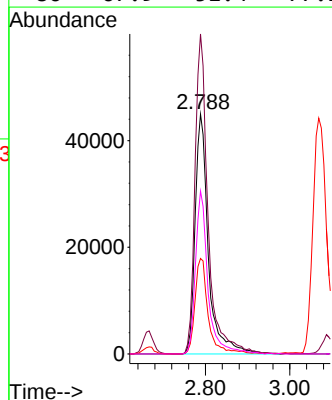
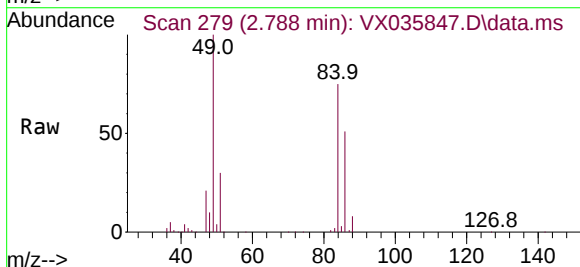
Ion Ratio Lower Upper

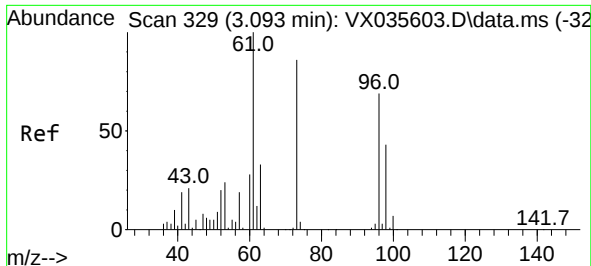
84 100

49 133.4 103.8 155.8

51 39.8 31.8 47.8

86 67.9 51.4 77.2

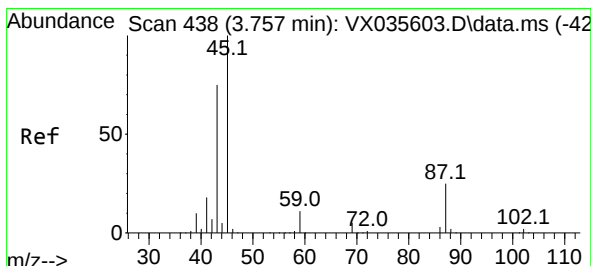
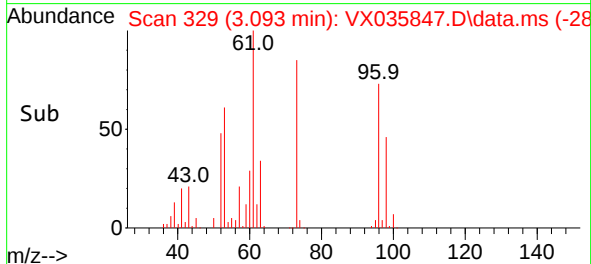
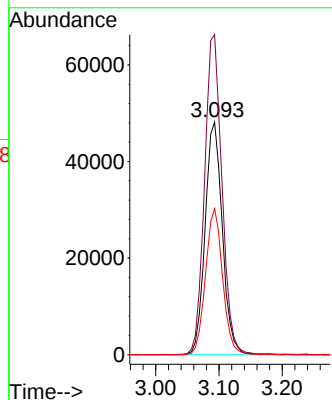
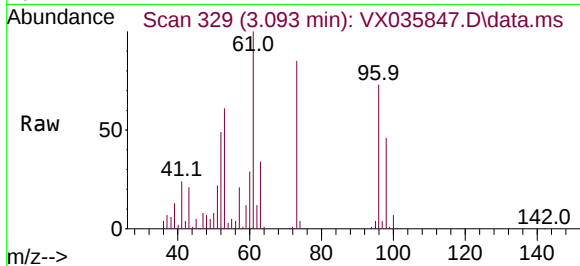




#21
trans-1,2-Dichloroethene
Concen: 48.209 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

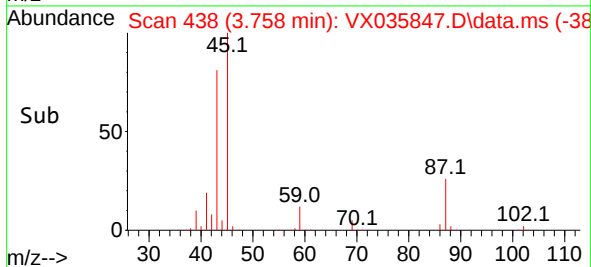
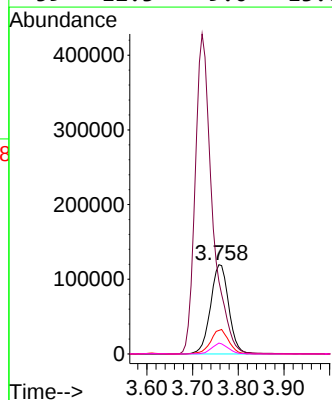
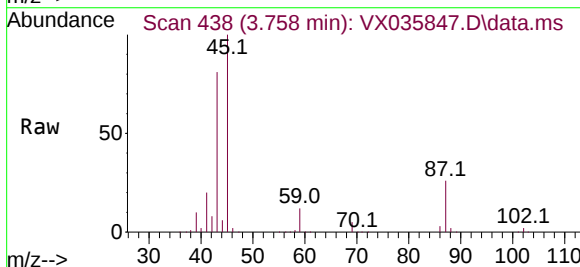
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

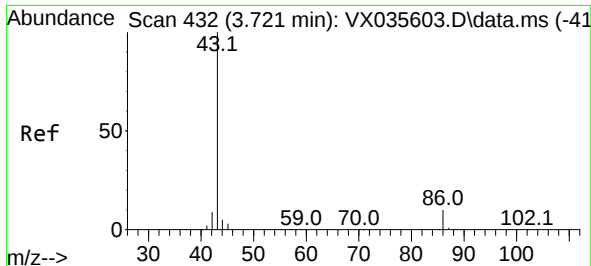
Tgt Ion: 96 Resp: 91336
Ion Ratio Lower Upper
96 100
61 137.5 113.0 169.6
98 62.8 52.1 78.1



#22
Diisopropyl ether
Concen: 45.673 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 45 Resp: 331241
Ion Ratio Lower Upper
45 100
43 81.0 65.4 98.2
87 26.4 20.6 31.0
59 12.3 9.0 13.6

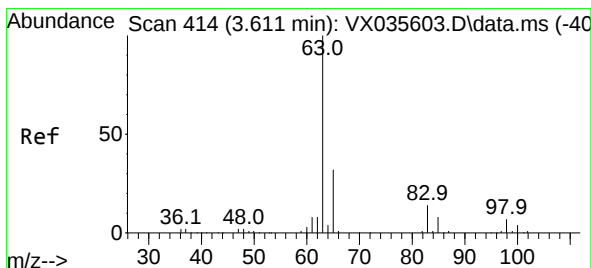
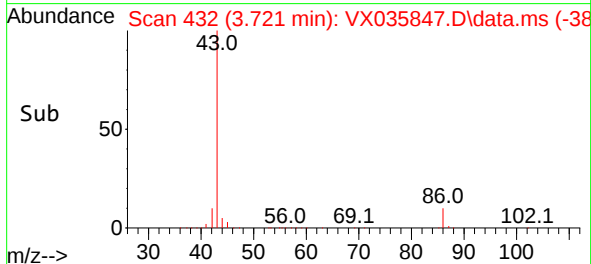
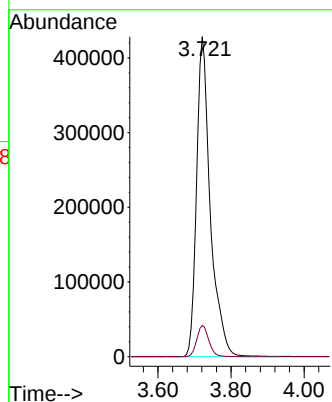
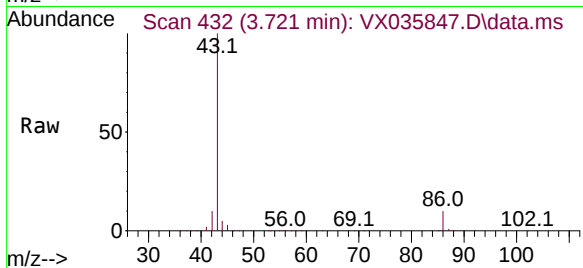




#23
 Vinyl Acetate
 Concen: 218.579 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035847.D
 Acq: 24 May 2023 19:31

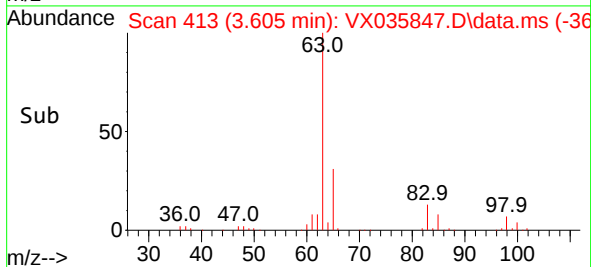
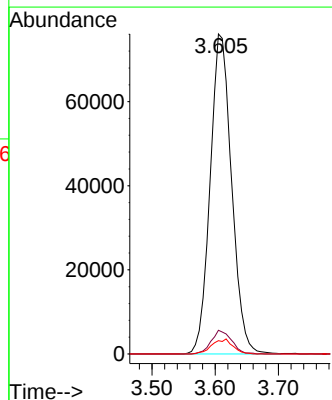
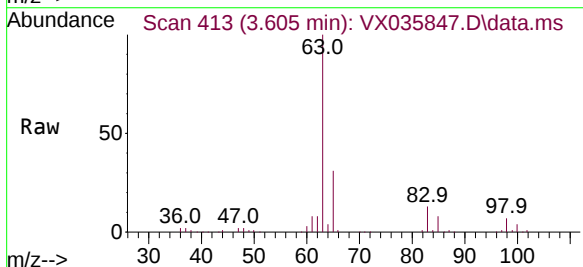
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-08-81-05112023MSD

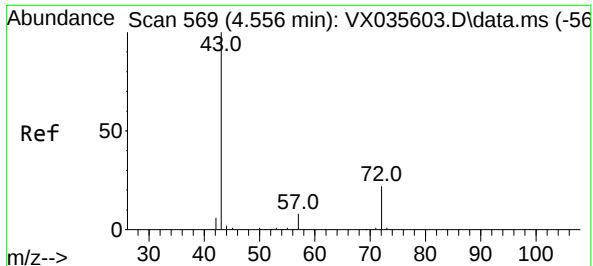
Tgt Ion: 43 Resp: 1121667
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.251 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035847.D
 Acq: 24 May 2023 19:31

Tgt Ion: 63 Resp: 179398
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.8 11.2
 100 4.2 2.4 7.1





#25

2-Butanone

Concen: 255.492 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

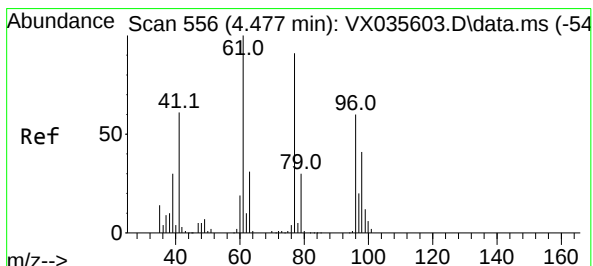
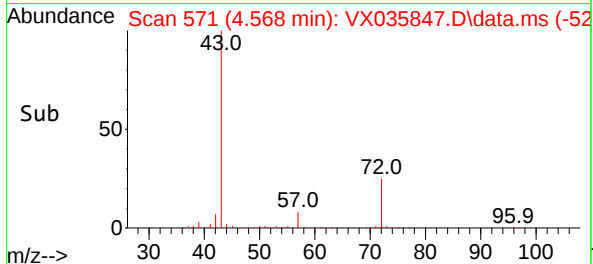
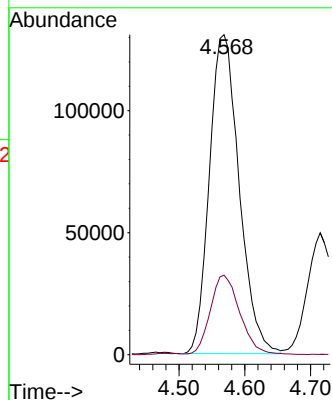
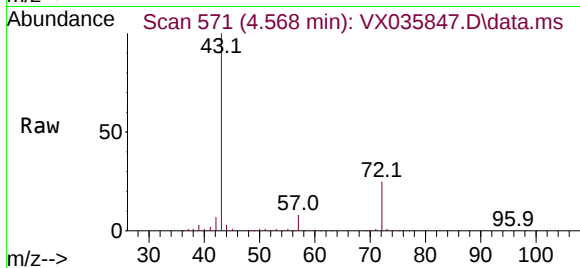
FSND-PRO-08-81-05112023MSD

Tgt Ion: 43 Resp: 411731

Ion Ratio Lower Upper

43 100

72 24.7 19.3 28.9



#26

2,2-Dichloropropane

Concen: 37.444 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX035847.D

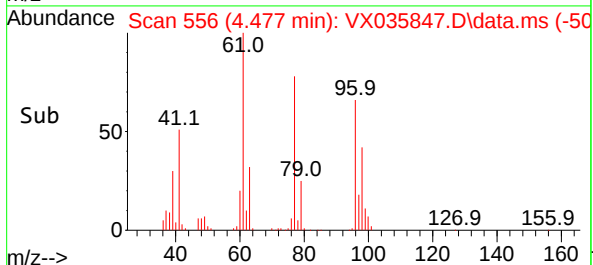
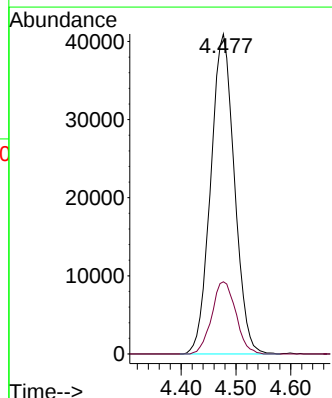
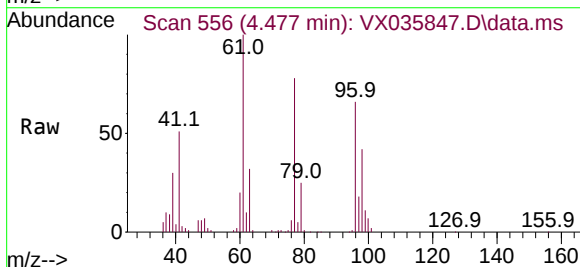
Acq: 24 May 2023 19:31

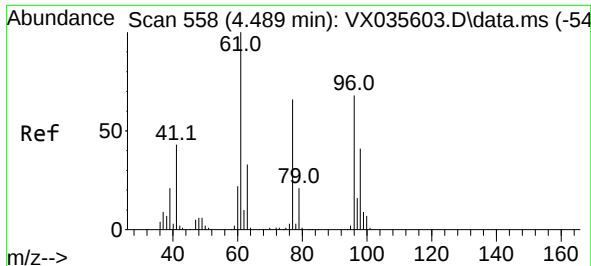
Tgt Ion: 77 Resp: 122990

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.488 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

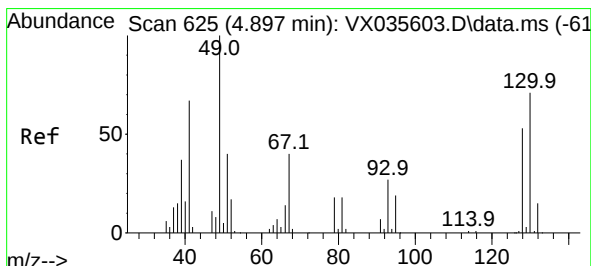
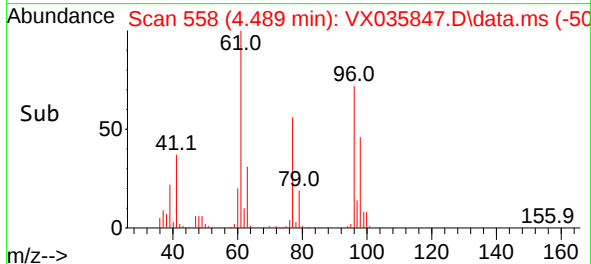
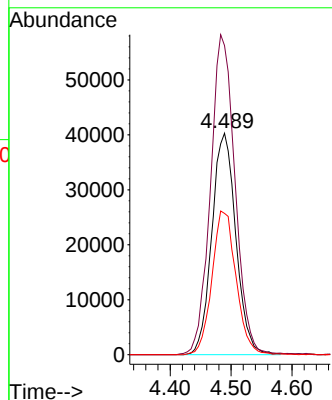
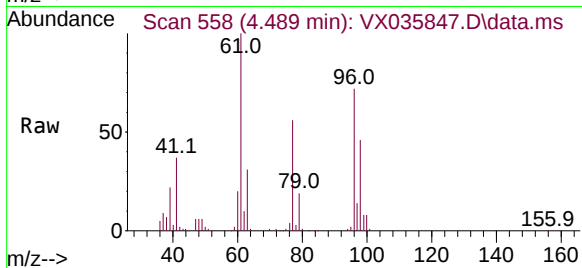
Tgt Ion: 96 Resp: 110433

Ion Ratio Lower Upper

96 100

61 148.0 0.0 300.4

98 65.1 0.0 129.0



#28

Bromochloromethane

Concen: 49.186 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

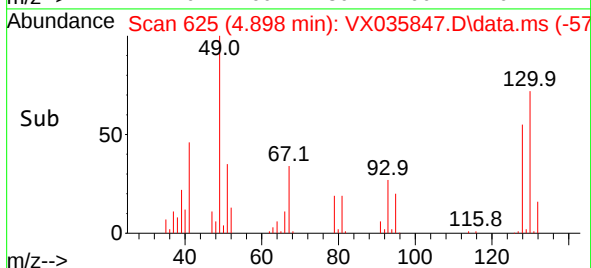
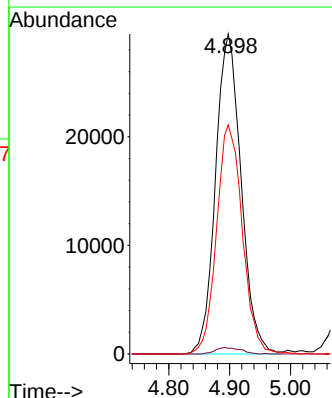
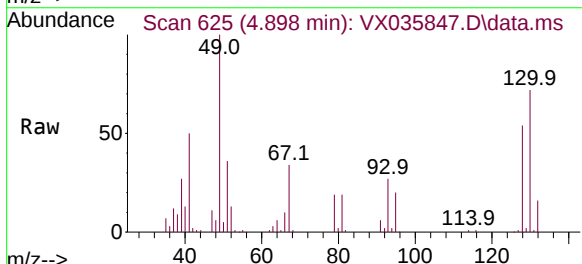
Tgt Ion: 49 Resp: 85812

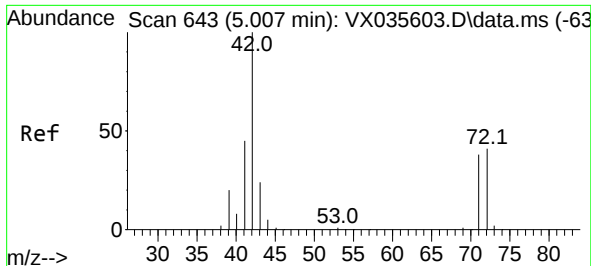
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 72.1 58.2 87.2

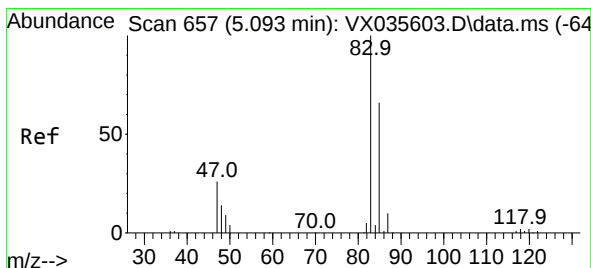
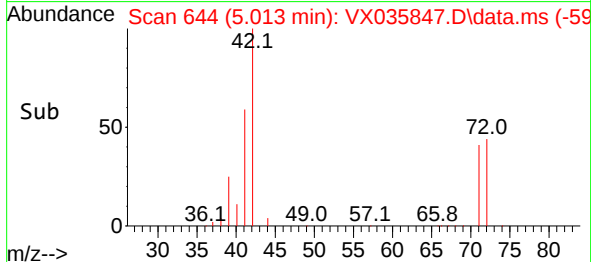
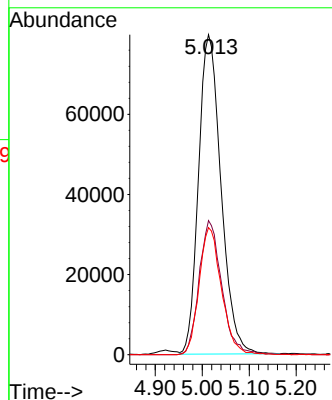
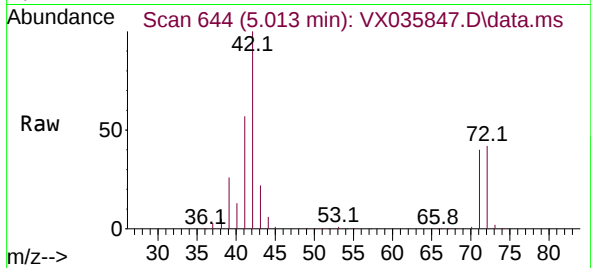




#29
Tetrahydrofuran
Concen: 261.490 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

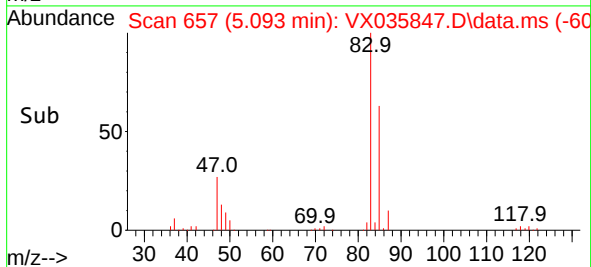
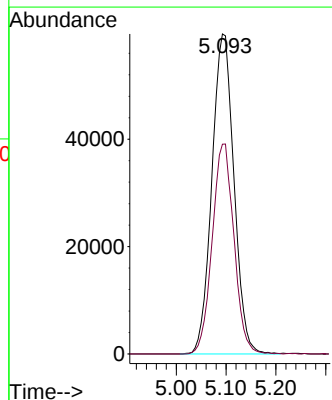
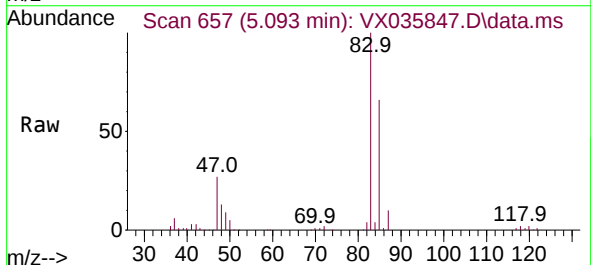
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

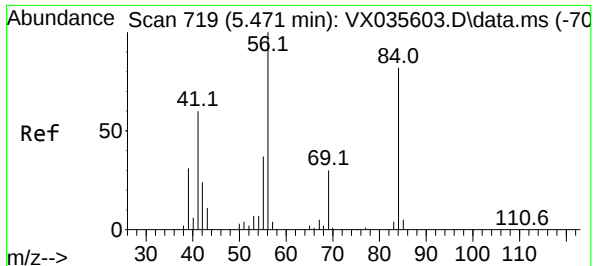
Tgt Ion: 42 Resp: 264863
Ion Ratio Lower Upper
42 100
72 42.1 34.5 51.7
71 39.6 32.1 48.1



#30
Chloroform
Concen: 46.135 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 83 Resp: 183370
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0

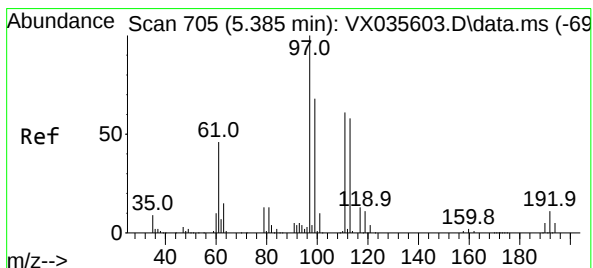
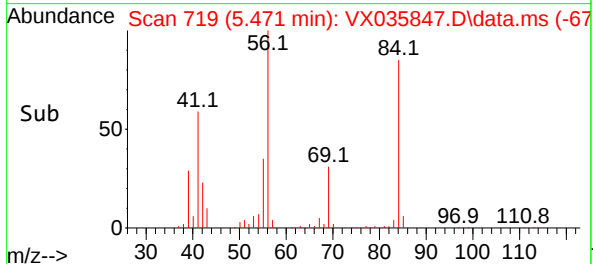
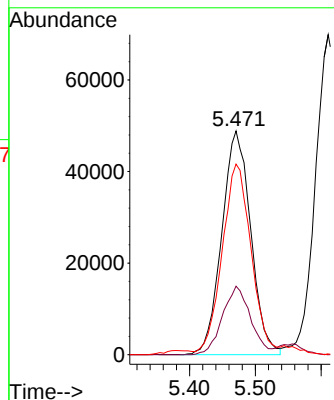
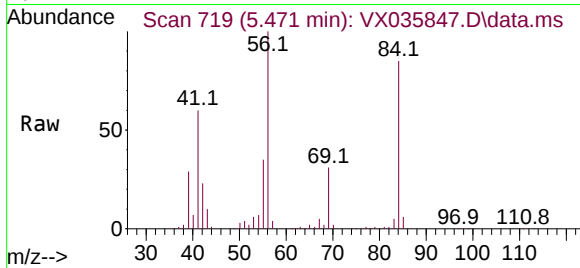




#31
Cyclohexane
Concen: 43.696 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

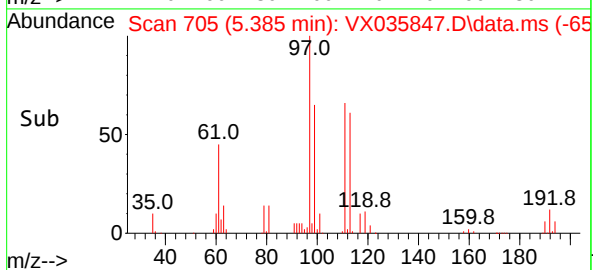
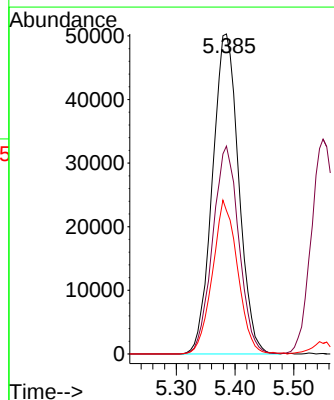
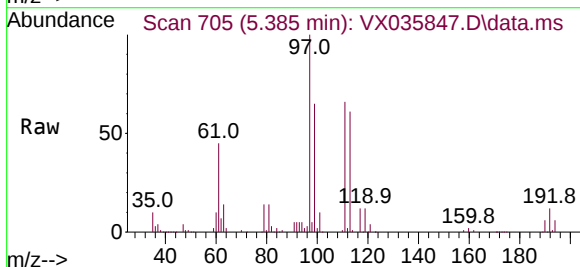
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

Tgt Ion: 56 Resp: 149531
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 83.4 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 45.221 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 97 Resp: 156384
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 46.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 44.622 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

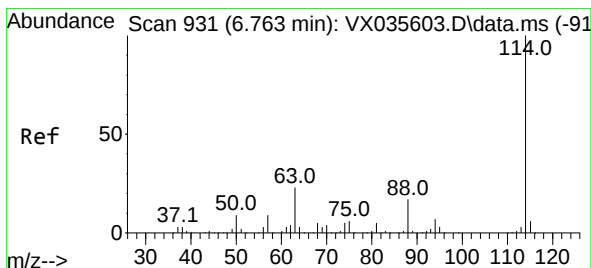
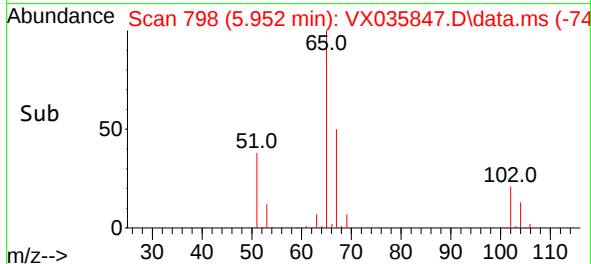
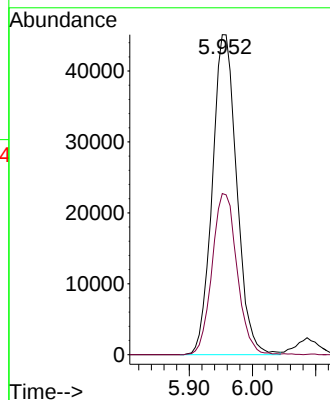
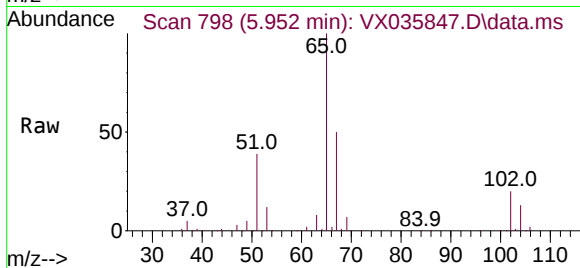
FSND-PRO-08-81-05112023MSD

Tgt Ion: 65 Resp: 120862

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

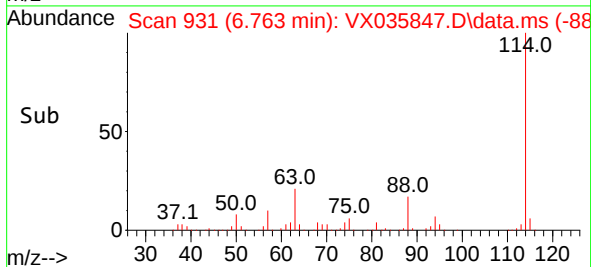
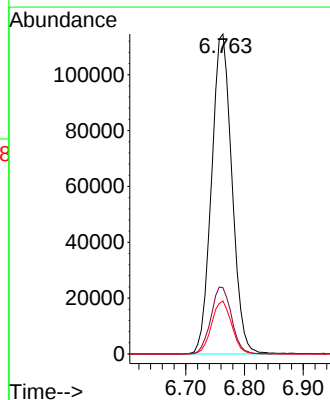
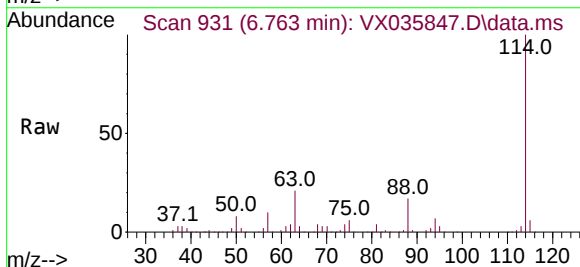
Tgt Ion: 114 Resp: 275946

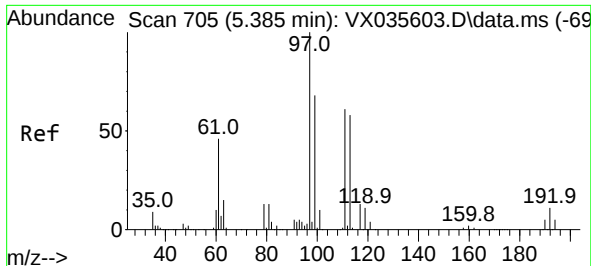
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 16.6 0.0 33.2

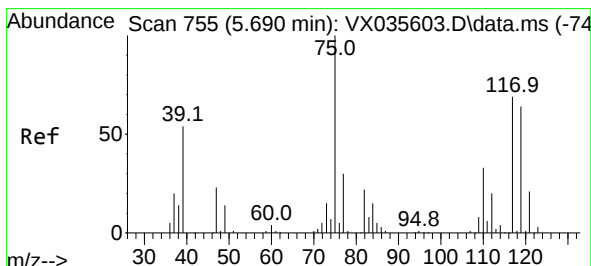
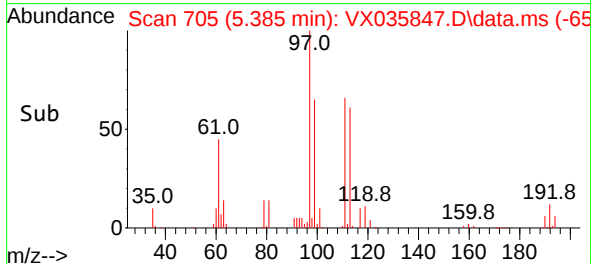
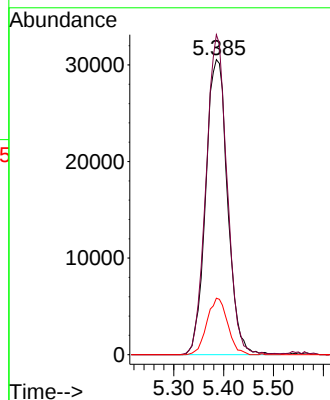
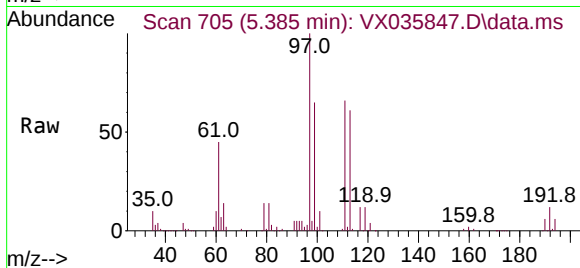




#35
Dibromofluoromethane
Concen: 50.025 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

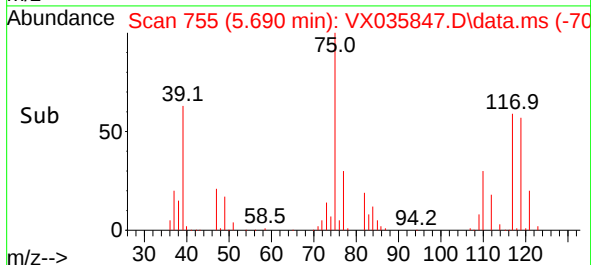
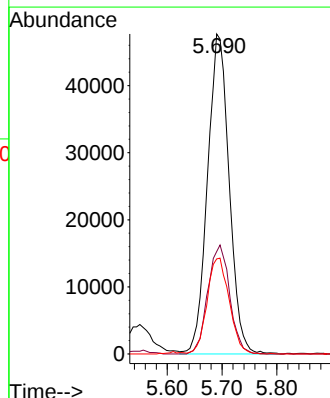
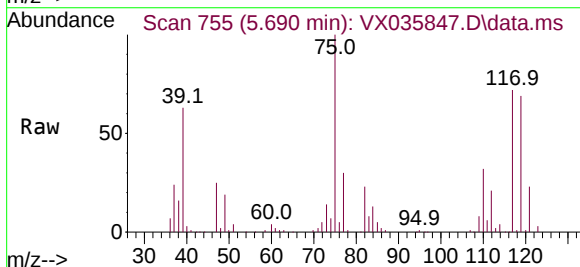
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

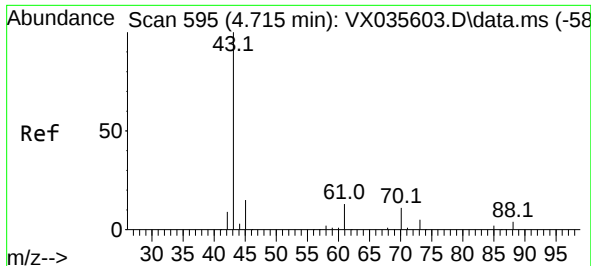
Tgt Ion:113 Resp: 93096
Ion Ratio Lower Upper
113 100
111 104.2 83.7 125.5
192 18.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 44.512 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 75 Resp: 130754
Ion Ratio Lower Upper
75 100
110 34.4 17.5 52.5
77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 47.923 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

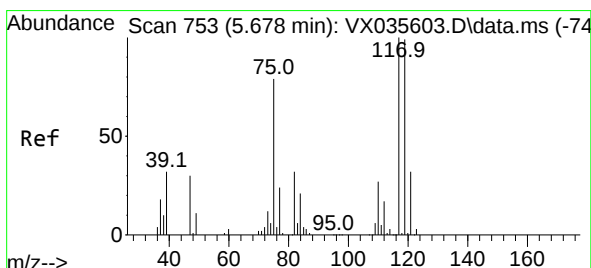
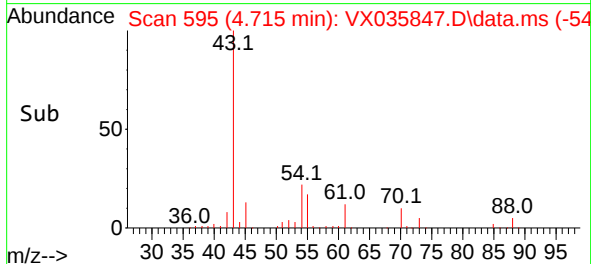
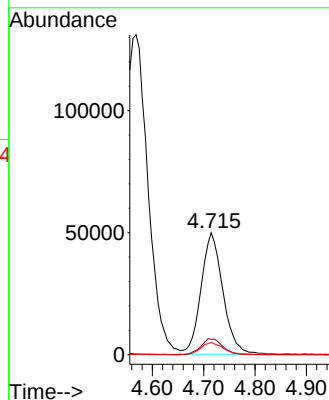
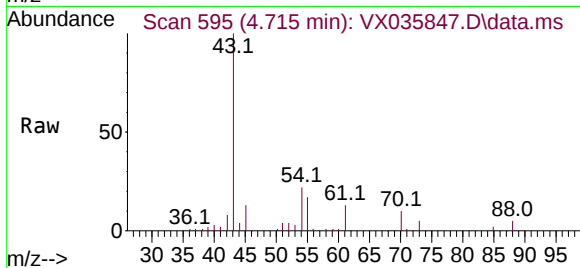
Tgt Ion: 43 Resp: 146829

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.4

70 10.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 43.855 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

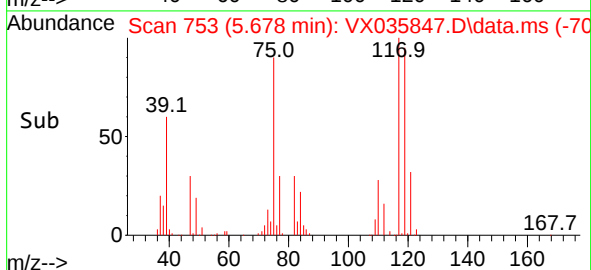
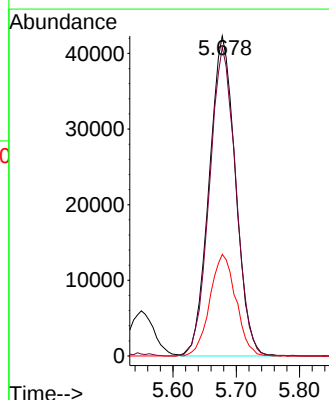
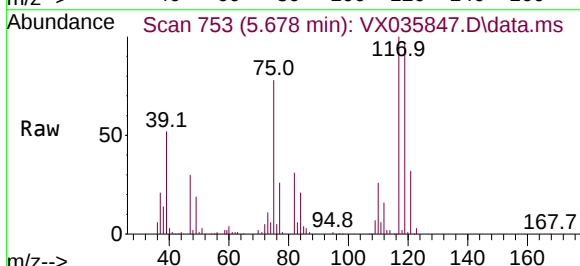
Tgt Ion: 117 Resp: 122032

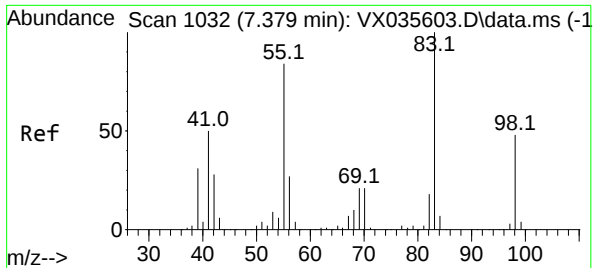
Ion Ratio Lower Upper

117 100

119 96.3 76.6 114.8

121 31.8 23.8 35.6





#39

Methylcyclohexane

Concen: 42.953 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

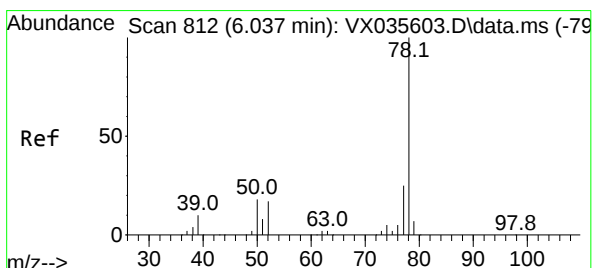
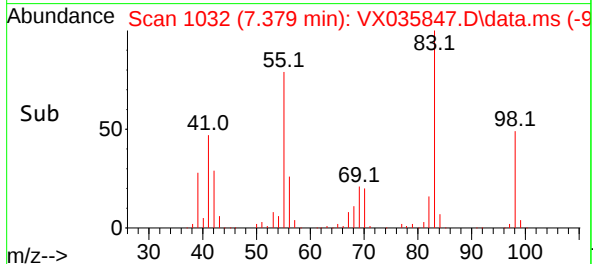
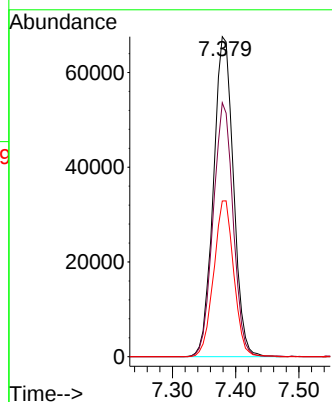
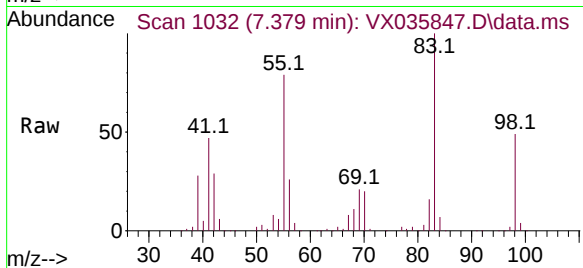
Tgt Ion: 83 Resp: 148522

Ion Ratio Lower Upper

83 100

55 79.4 60.5 90.7

98 48.7 40.4 60.6



#40

Benzene

Concen: 47.082 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035847.D

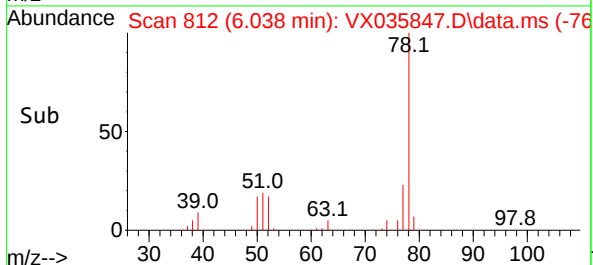
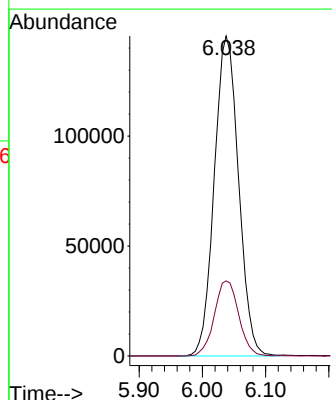
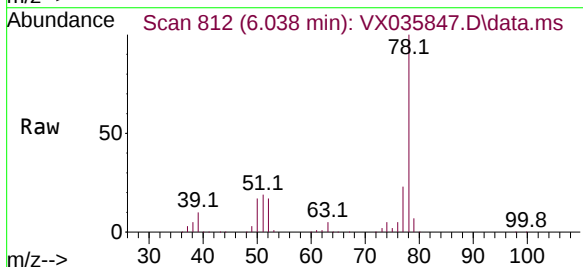
Acq: 24 May 2023 19:31

Tgt Ion: 78 Resp: 386900

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

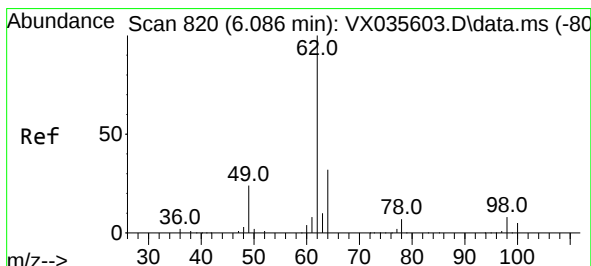
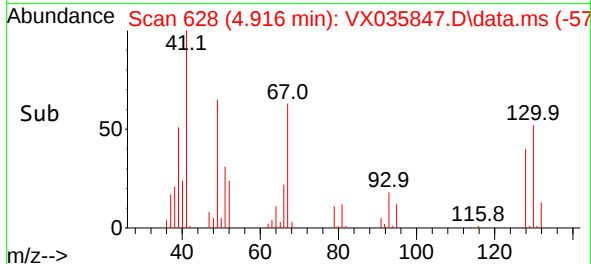
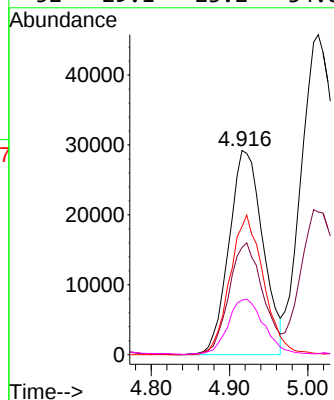
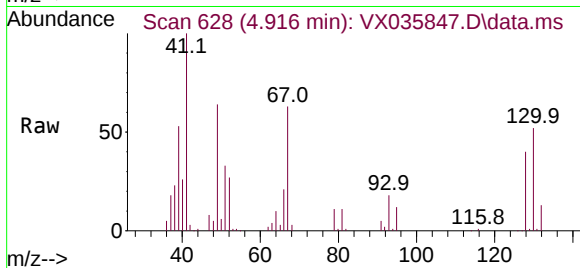




#41
Methacrylonitrile
Concen: 48.391 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

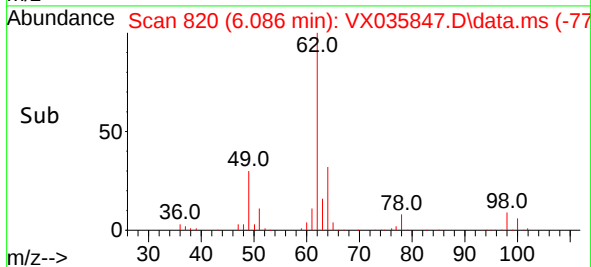
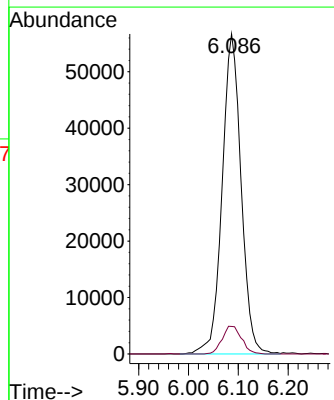
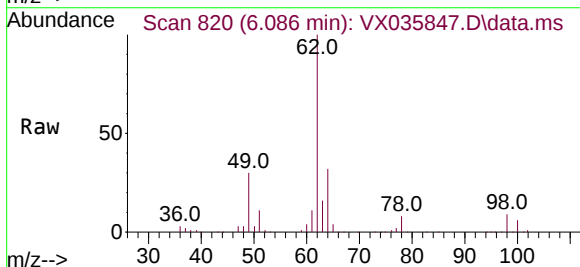
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

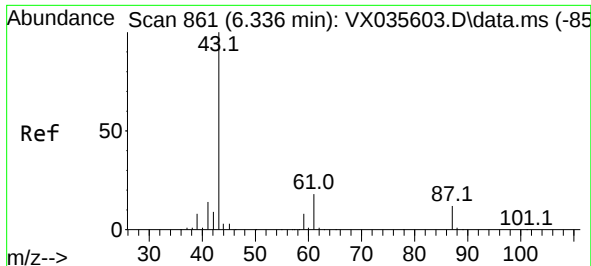
Tgt Ion:	41	Resp:	88030
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.0	67.6
67	68.0	55.6	83.4
52	29.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 42.281 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:	62	Resp:	149463
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0

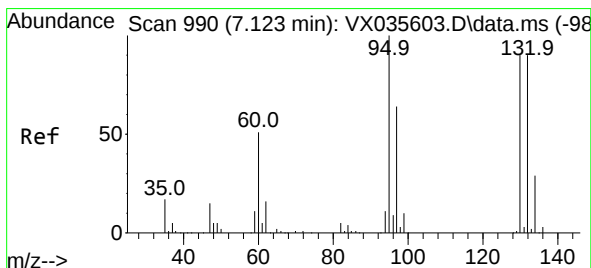
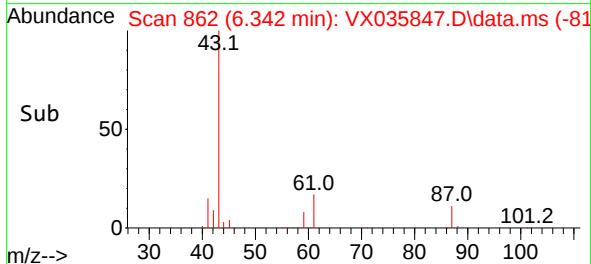
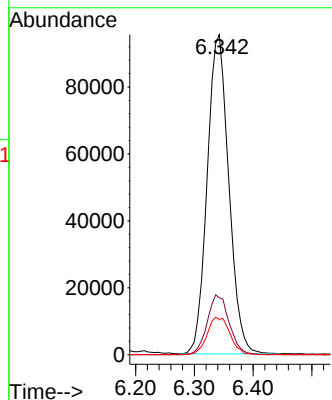
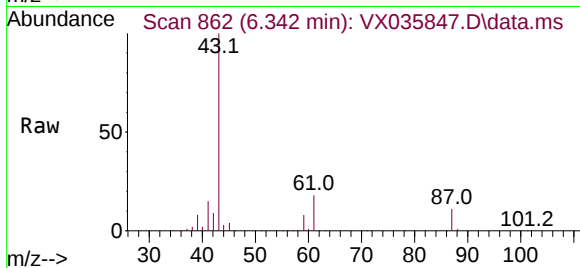




#43
Isopropyl Acetate
Concen: 45.649 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

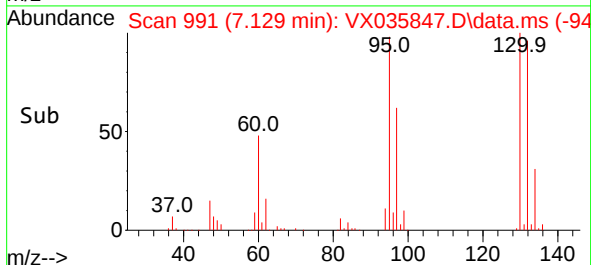
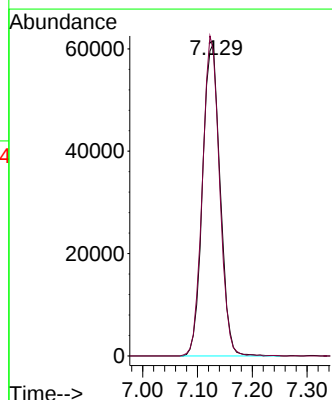
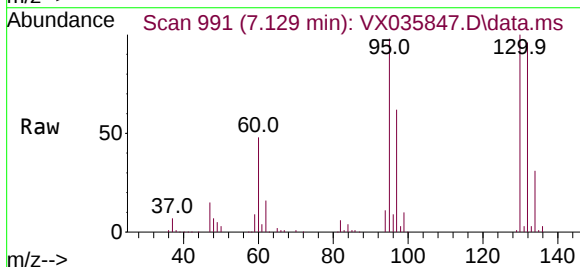
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

Tgt Ion: 43 Resp: 243887
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.4 9.8 14.8



#44
Trichloroethene
Concen: 64.959 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:130 Resp: 135353
Ion Ratio Lower Upper
130 100
95 97.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 47.951 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

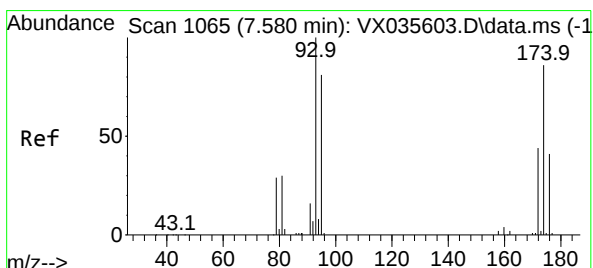
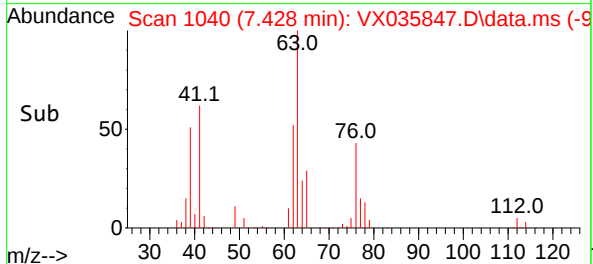
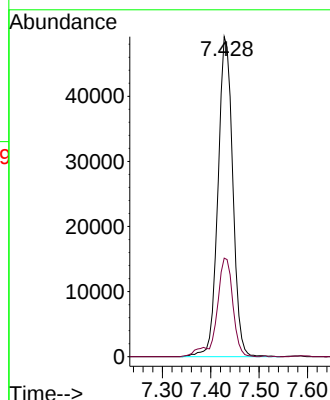
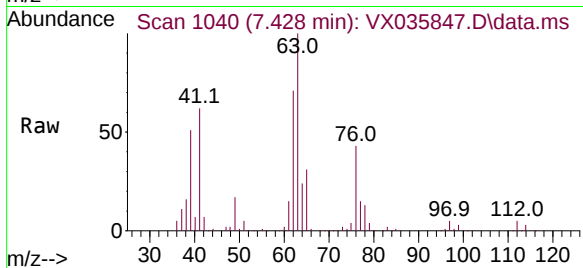
FSND-PRO-08-81-05112023MSD

Tgt Ion: 63 Resp: 104361

Ion Ratio Lower Upper

63 100

65 30.8 24.6 37.0



#46

Dibromomethane

Concen: 47.912 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

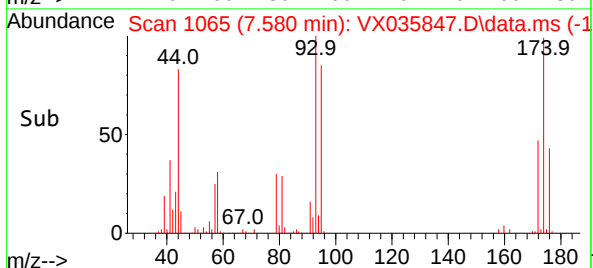
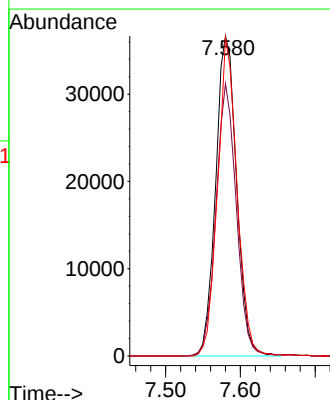
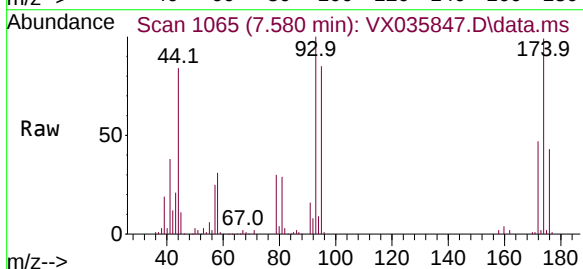
Tgt Ion: 93 Resp: 71378

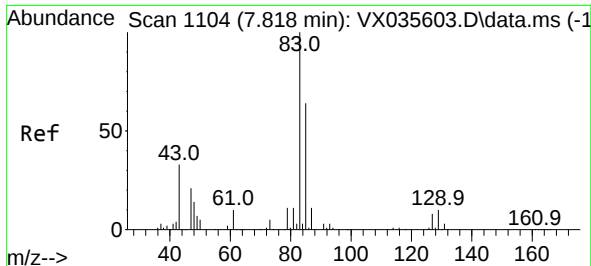
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 92.7 75.4 113.0

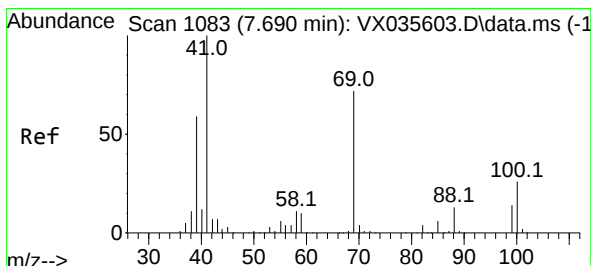
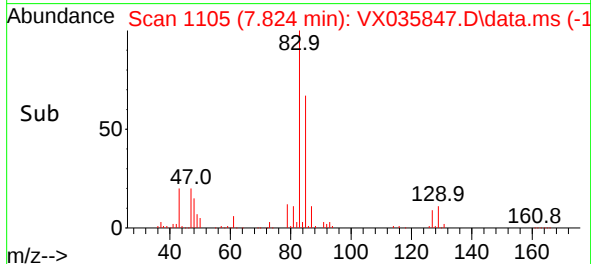
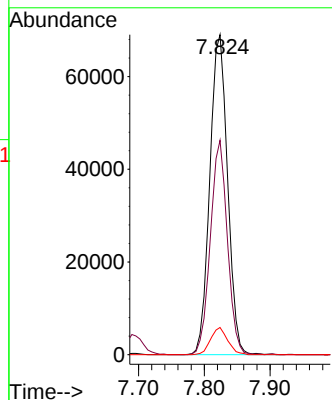
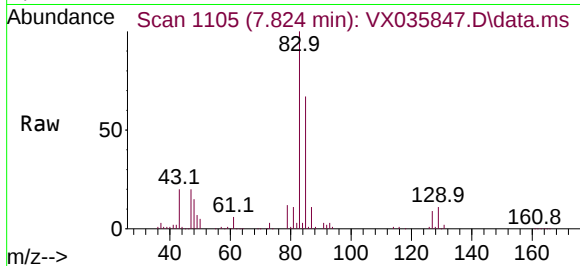




#47
Bromodichloromethane
Concen: 44.994 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

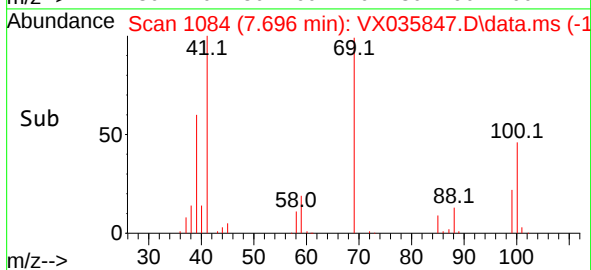
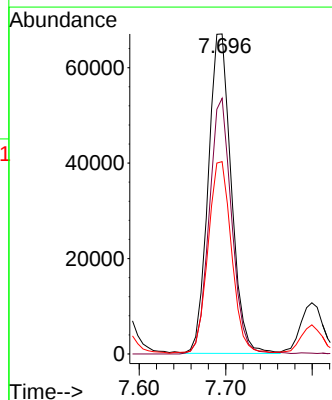
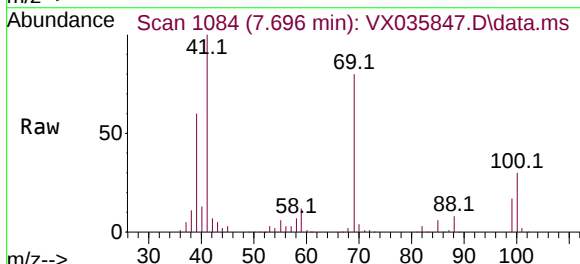
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

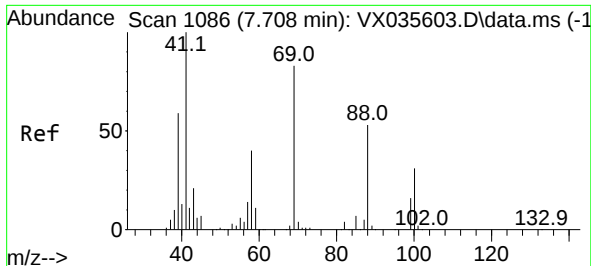
Tgt Ion: 83 Resp: 129561
Ion Ratio Lower Upper
83 100
85 67.0 52.2 78.4
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 47.049 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 41 Resp: 124053
Ion Ratio Lower Upper
41 100
69 77.7 62.2 93.4
39 61.4 47.7 71.5





#49

1,4-Dioxane

Concen: 816.176 ug/l

RT: 7.726 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

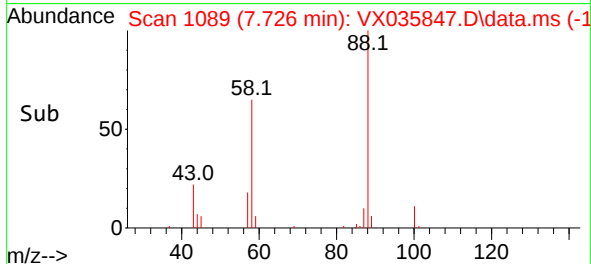
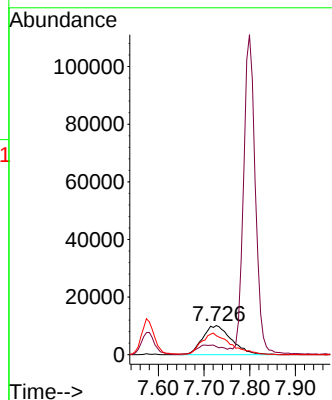
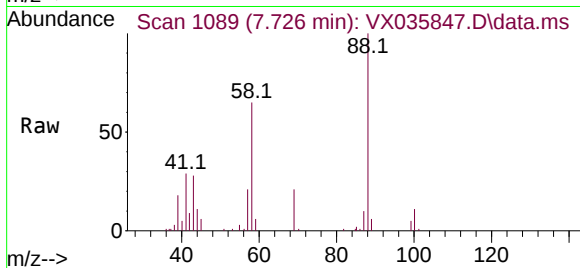
Tgt Ion: 88 Resp: 44299

Ion Ratio Lower Upper

88 100

43 28.2 27.7 41.5

58 74.4 56.8 85.2



#50

Toluene-d8

Concen: 48.527 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035847.D

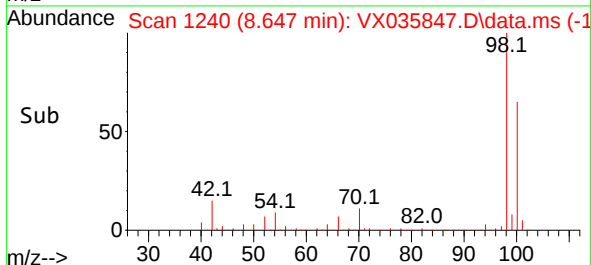
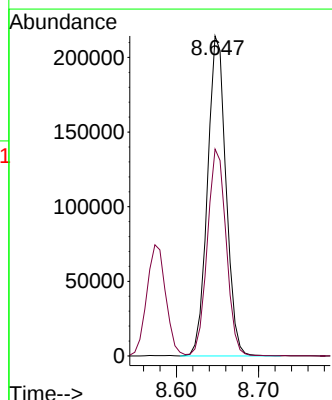
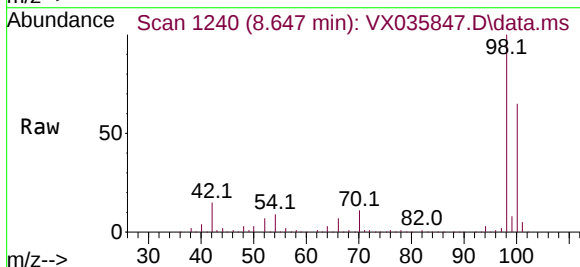
Acq: 24 May 2023 19:31

Tgt Ion: 98 Resp: 333620

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

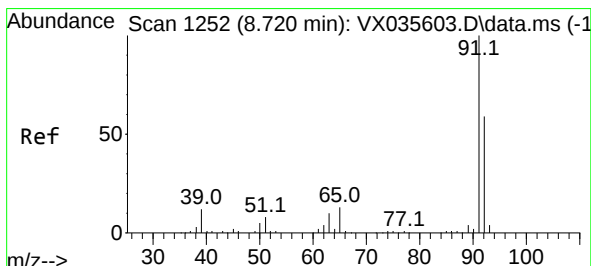
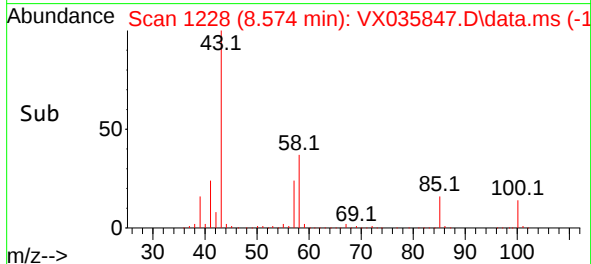
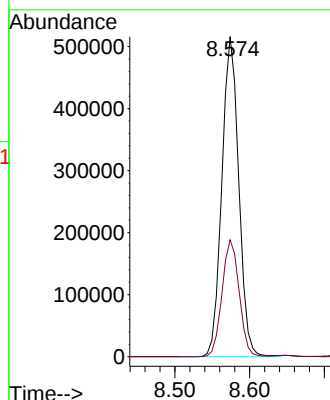
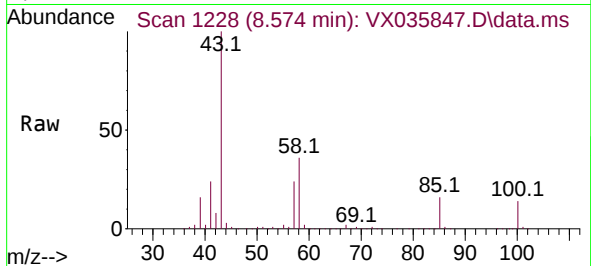




#51
4-Methyl-2-Pentanone
Concen: 262.981 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

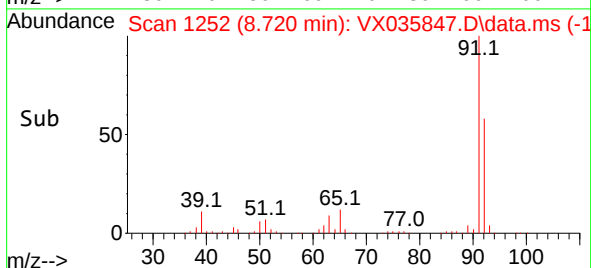
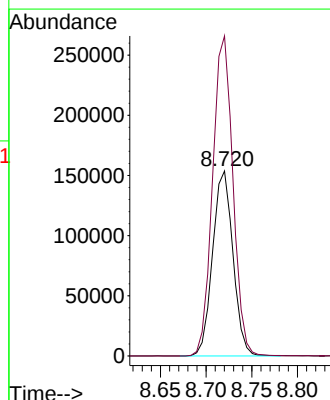
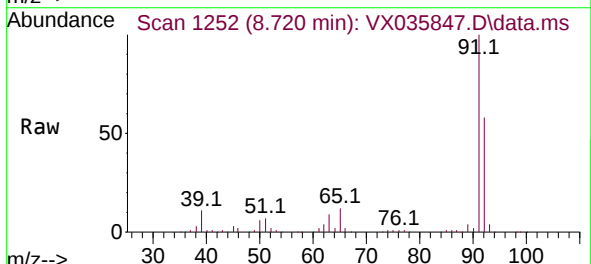
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

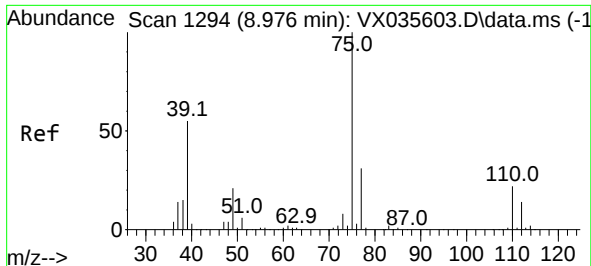
Tgt Ion: 43 Resp: 809448
Ion Ratio Lower Upper
43 100
58 37.0 30.6 46.0



#52
Toluene
Concen: 45.862 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 92 Resp: 237899
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 45.064 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

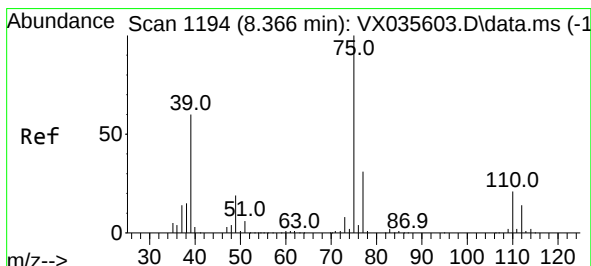
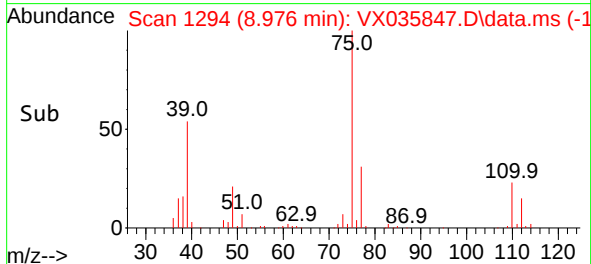
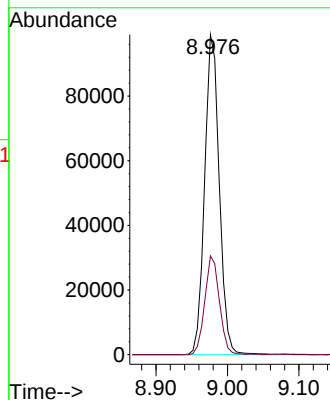
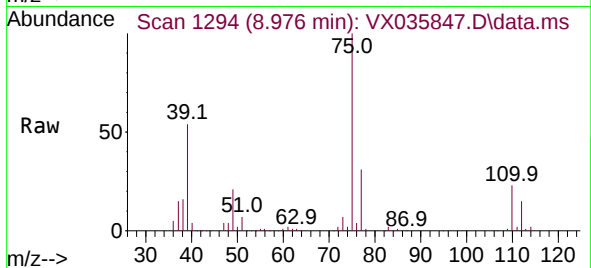
FSND-PRO-08-81-05112023MSD

Tgt Ion: 75 Resp: 140979

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 45.849 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

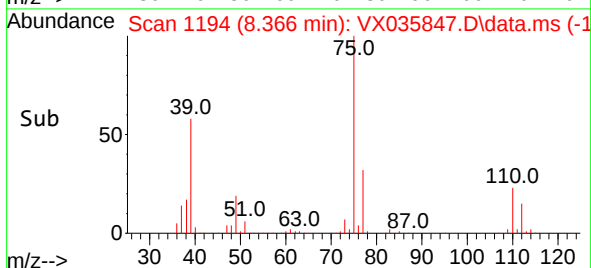
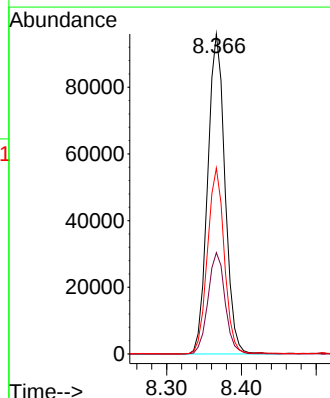
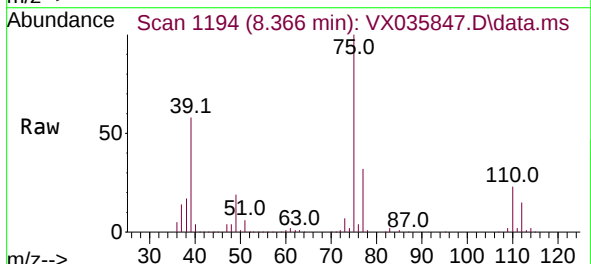
Tgt Ion: 75 Resp: 153676

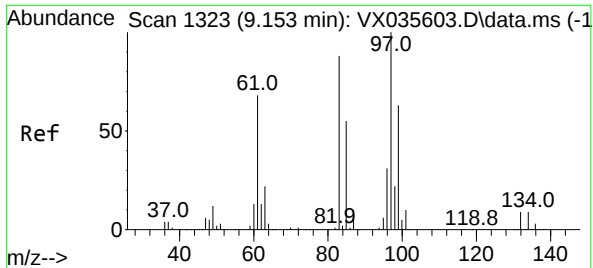
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 58.1 44.6 66.8

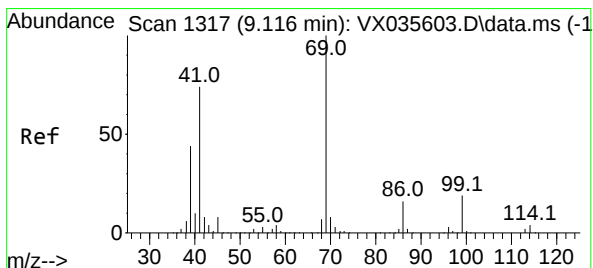
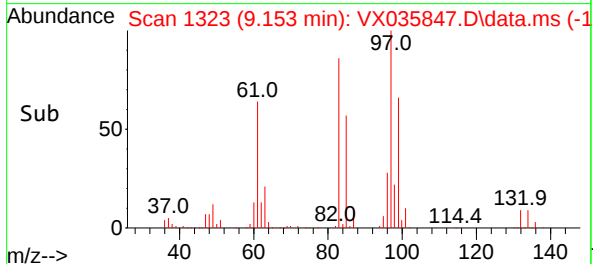
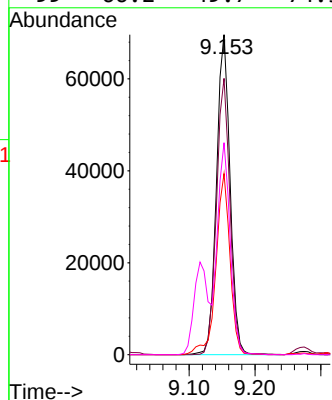
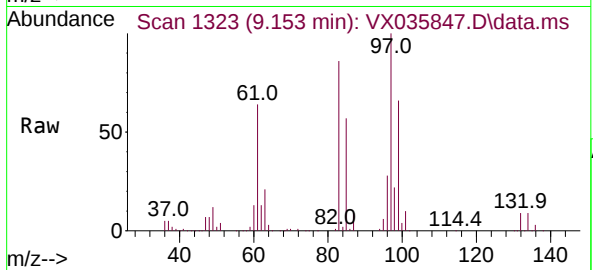




#55
1,1,2-Trichloroethane
Concen: 48.994 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

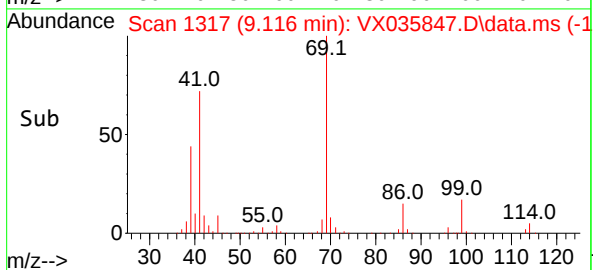
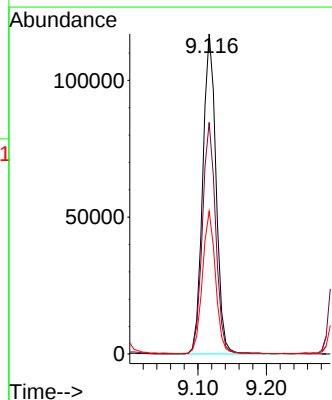
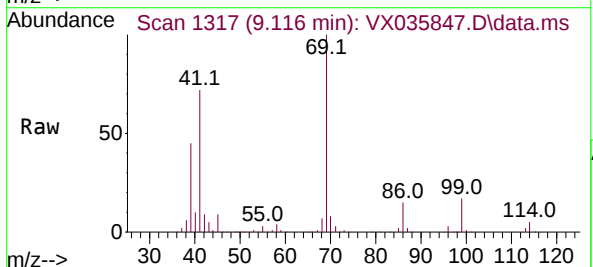
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-81-05112023MSD

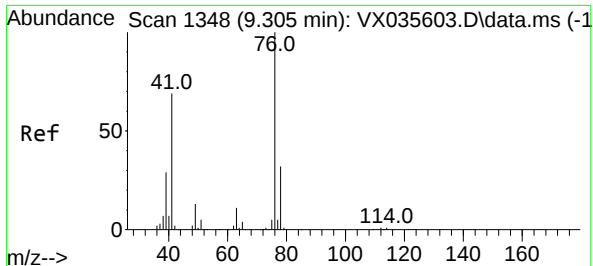
Tgt Ion:	97	Resp:	99820
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.7	104.5
85	56.6	43.7	65.5
99	66.2	49.7	74.5



#56
Ethyl methacrylate
Concen: 48.078 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:	69	Resp:	158628
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.4	86.0
39	43.9	33.7	50.5





#57

1,3-Dichloropropane

Concen: 47.094 ug/l

RT: 9.305 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

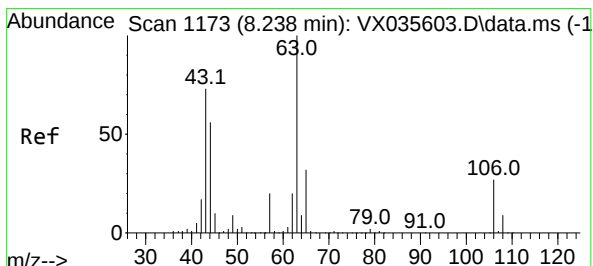
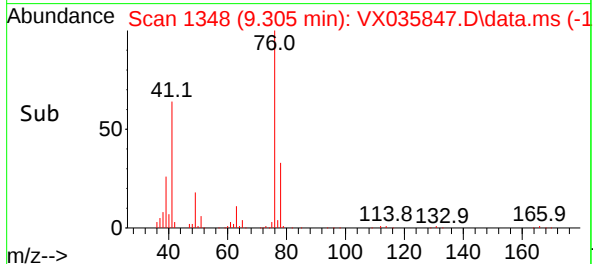
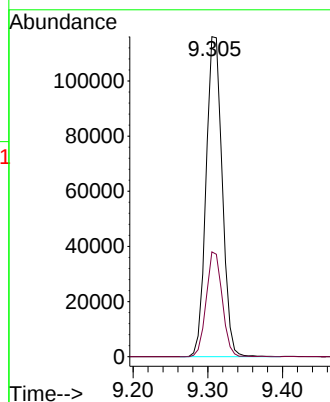
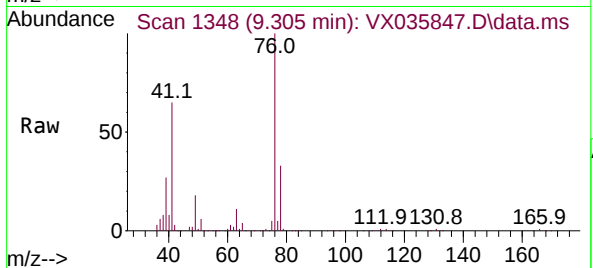
FSND-PRO-08-81-05112023MSD

Tgt Ion: 76 Resp: 173936

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 0.584 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.128 min

Lab File: VX035847.D

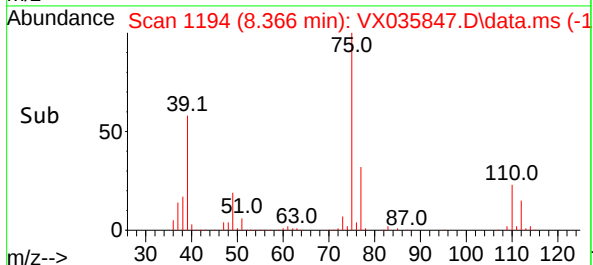
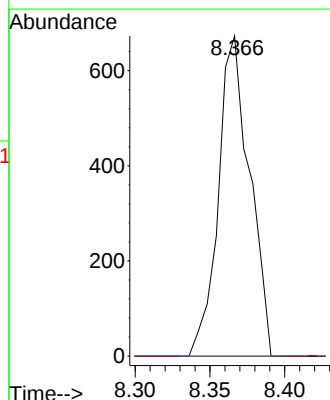
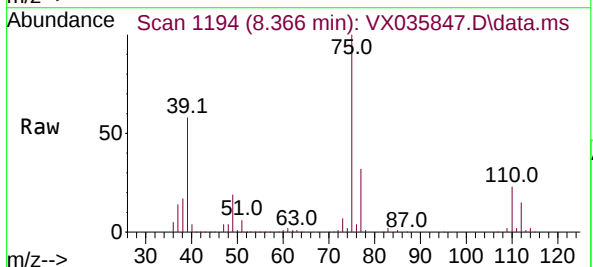
Acq: 24 May 2023 19:31

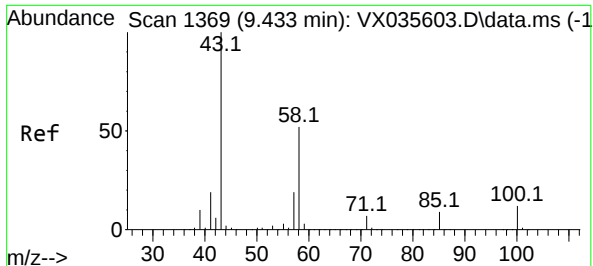
Tgt Ion: 63 Resp: 980

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#





#59

2-Hexanone

Concen: 264.550 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

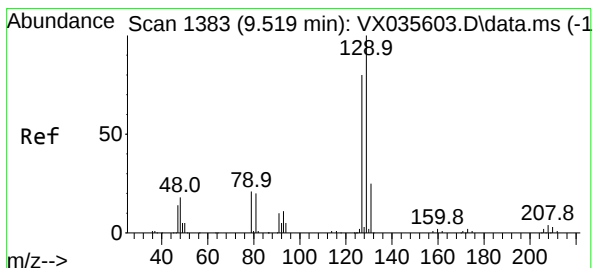
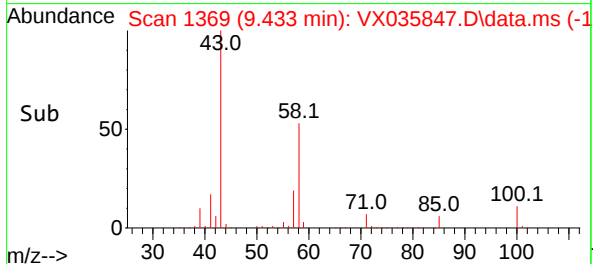
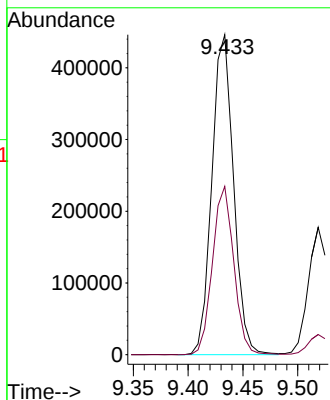
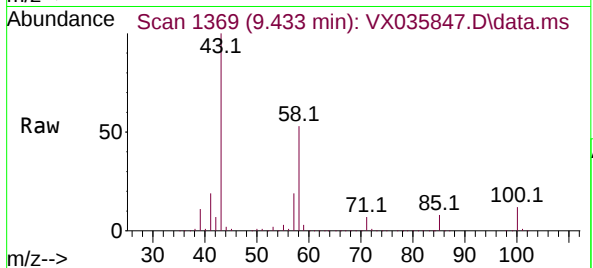
FSND-PRO-08-81-05112023MSD

Tgt Ion: 43 Resp: 613229

Ion Ratio Lower Upper

43 100

58 51.9 26.3 78.9



#60

Dibromochloromethane

Concen: 48.031 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035847.D

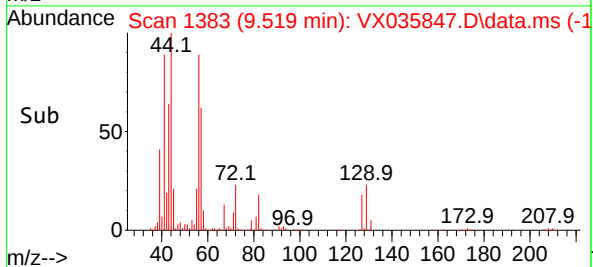
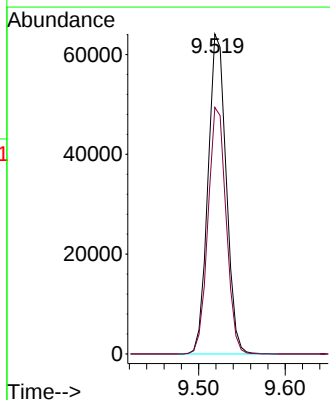
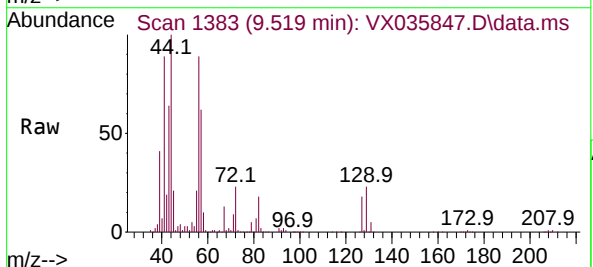
Acq: 24 May 2023 19:31

Tgt Ion:129 Resp: 93279

Ion Ratio Lower Upper

129 100

127 76.8 39.0 117.0

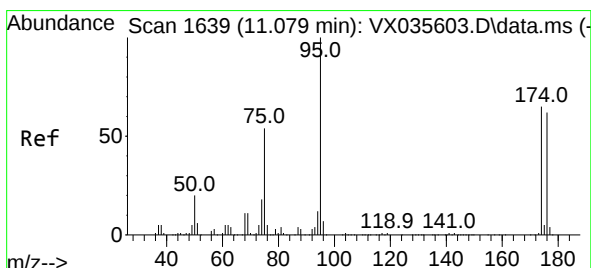
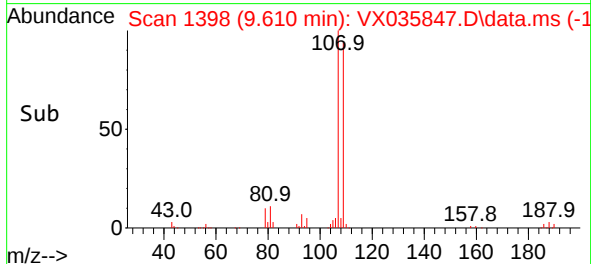
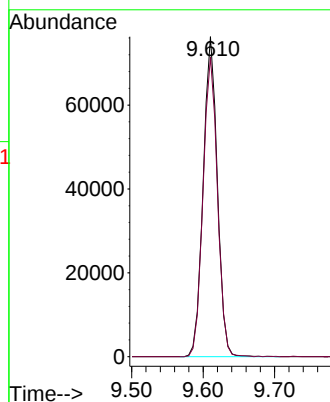
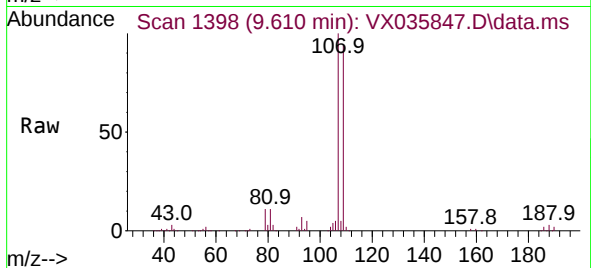




#61
1,2-Dibromoethane
Concen: 48.811 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

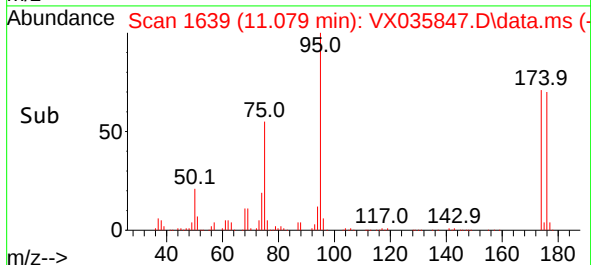
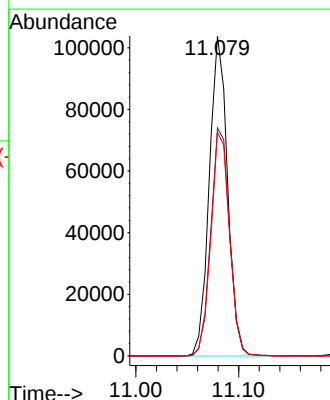
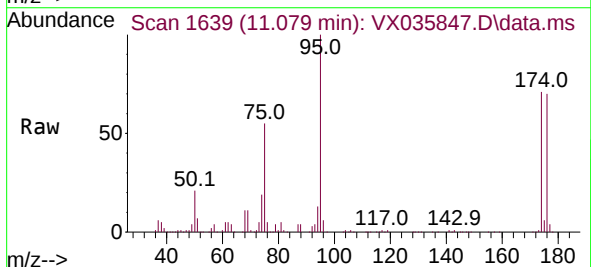
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-81-05112023MSD

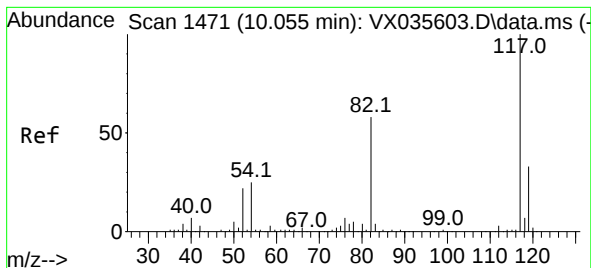
Tgt Ion:107 Resp: 104776
Ion Ratio Lower Upper
107 100
109 95.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 46.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 95 Resp: 128026
Ion Ratio Lower Upper
95 100
174 73.5 0.0 147.4
176 71.2 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

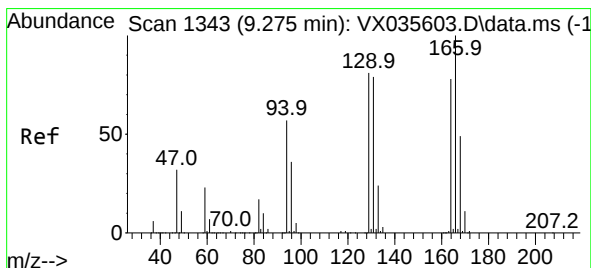
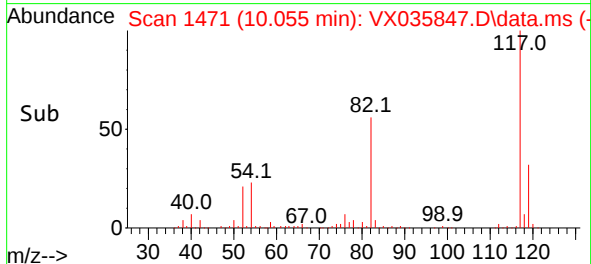
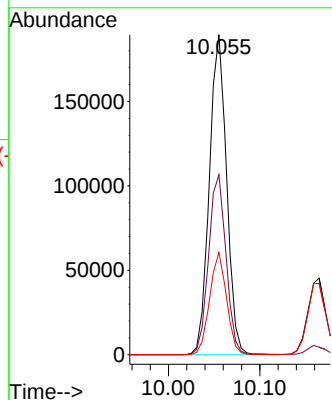
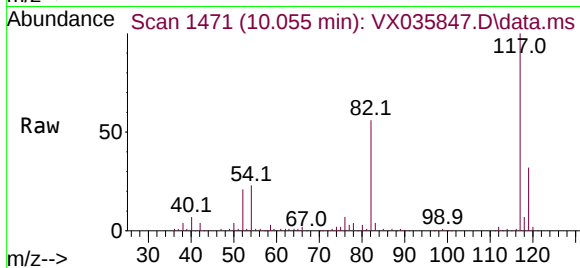
Tgt Ion:117 Resp: 247915

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

119 32.0 26.0 39.0



#64

Tetrachloroethene

Concen: 59.317 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Tgt Ion:164 Resp: 99004

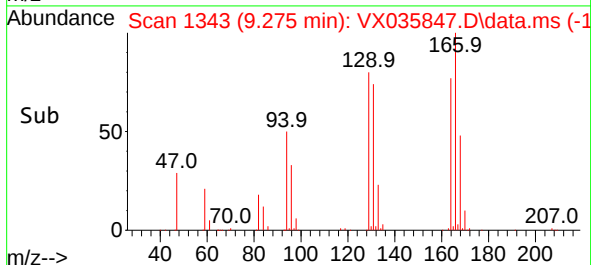
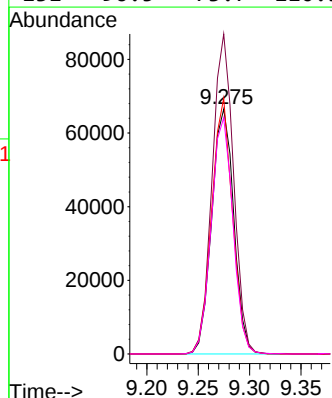
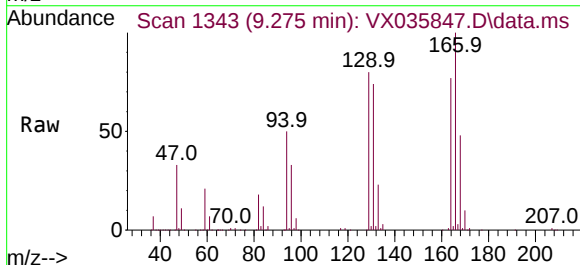
Ion Ratio Lower Upper

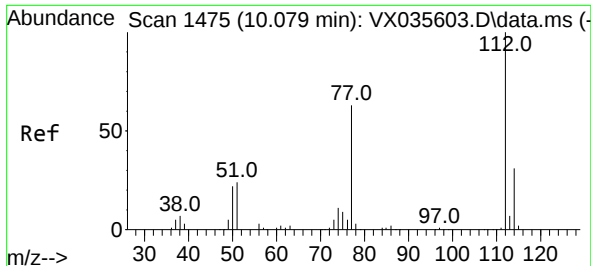
164 100

166 130.7 102.7 154.1

129 104.5 75.6 113.4

131 96.5 73.7 110.5

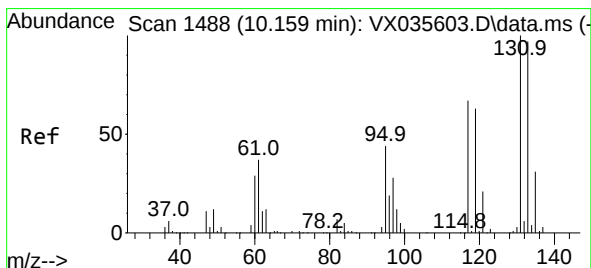
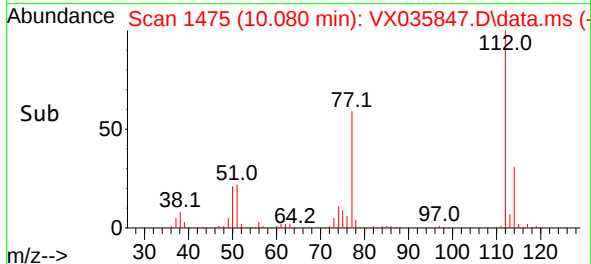
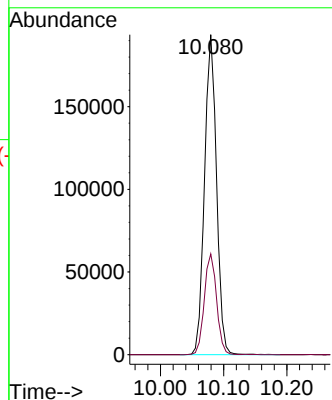
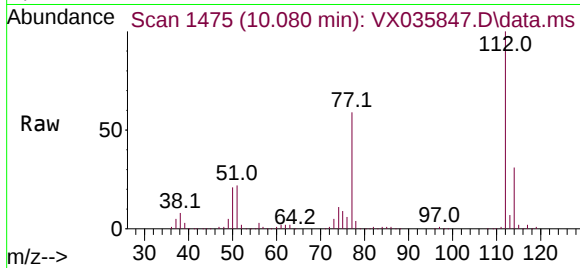




#65
Chlorobenzene
Concen: 47.216 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

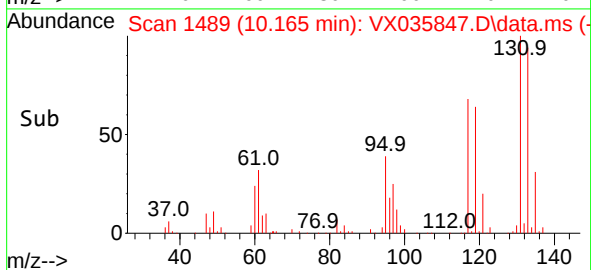
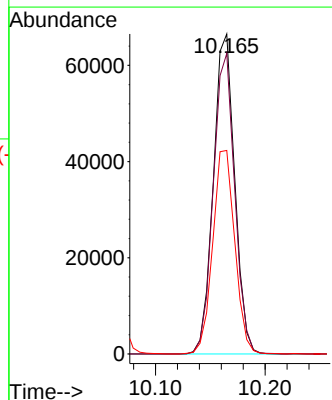
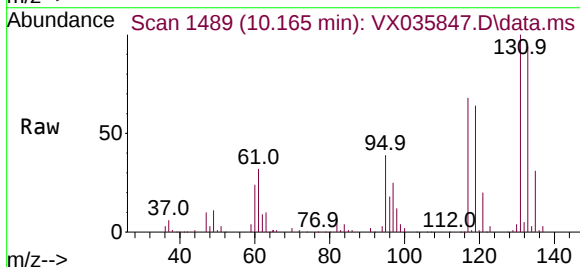
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

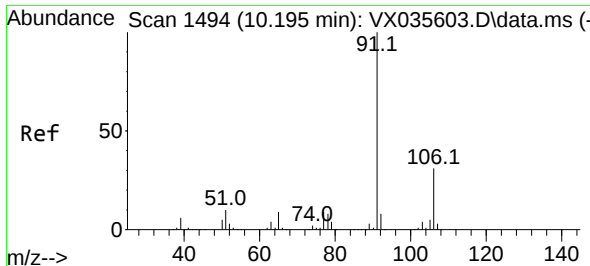
Tgt Ion:112 Resp: 255521
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.110 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:131 Resp: 90147
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 65.9 32.6 98.0





#67

Ethyl Benzene

Concen: 45.420 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

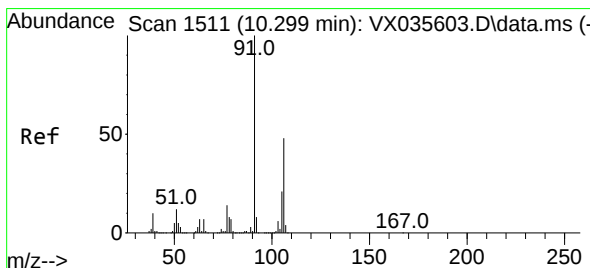
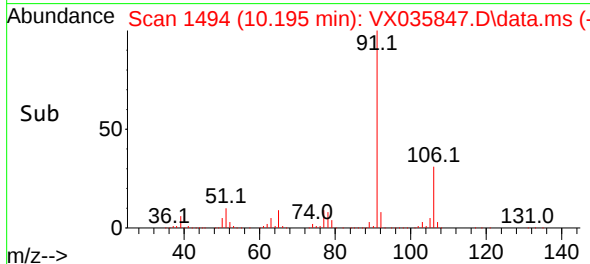
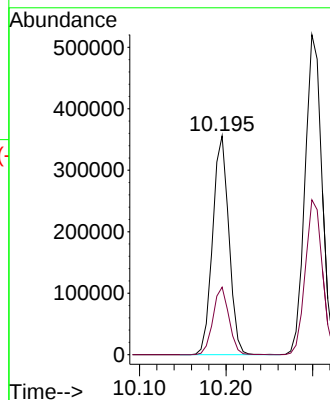
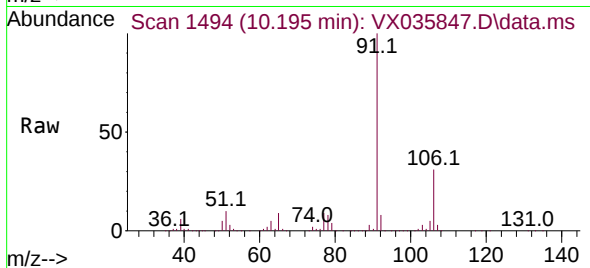
FSND-PRO-08-81-05112023MSD

Tgt Ion: 91 Resp: 462279

Ion Ratio Lower Upper

91 100

106 30.8 25.6 38.4



#68

m/p-Xylenes

Concen: 91.396 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035847.D

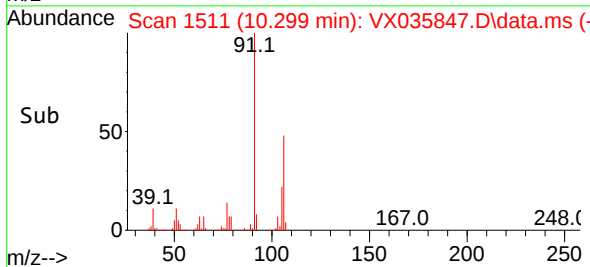
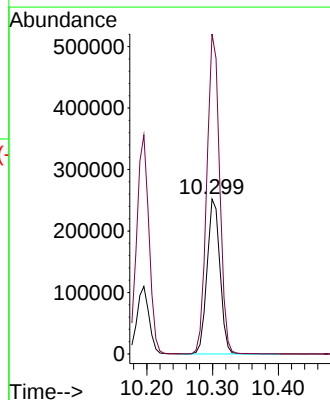
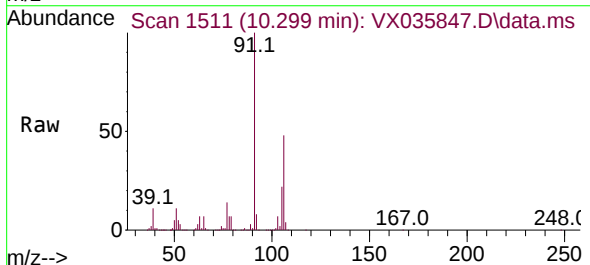
Acq: 24 May 2023 19:31

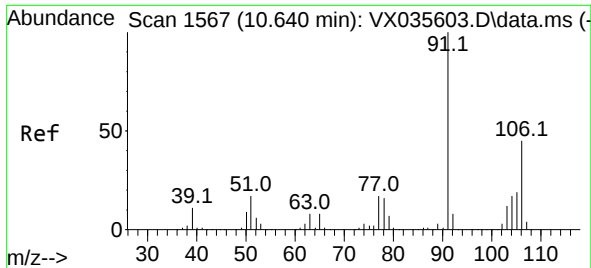
Tgt Ion: 106 Resp: 343846

Ion Ratio Lower Upper

106 100

91 205.2 164.0 246.0

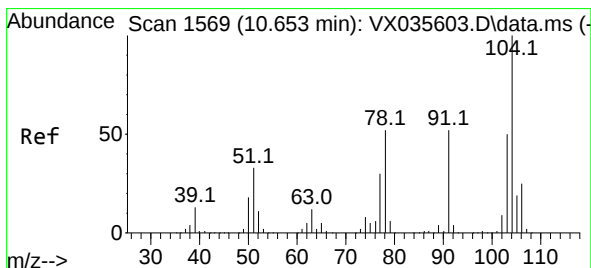
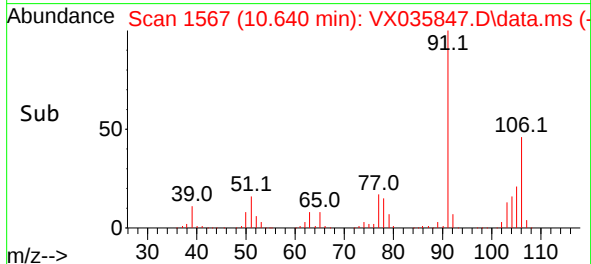
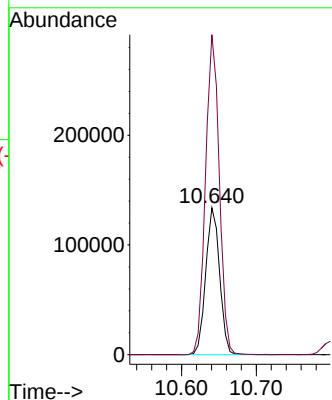
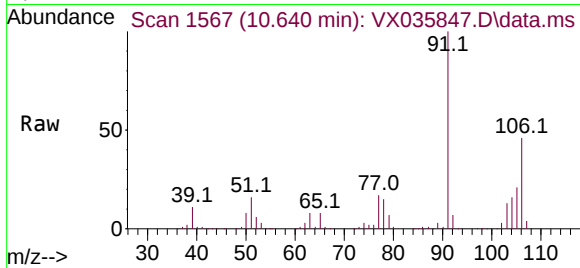




#69
o-Xylene
Concen: 46.243 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

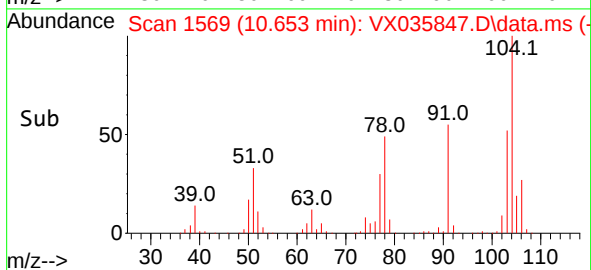
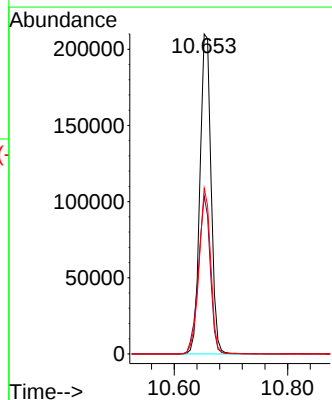
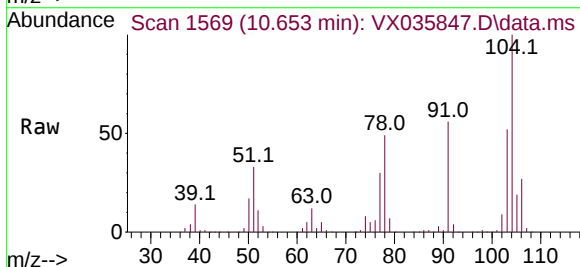
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-08-81-05112023MSD

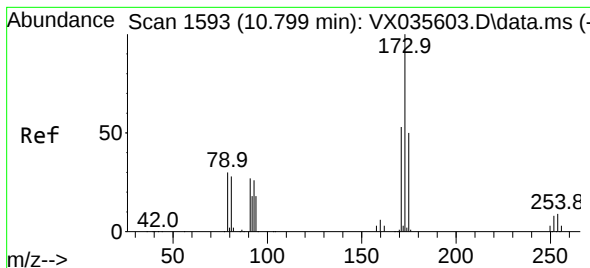
Tgt Ion:106 Resp: 172636
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.3



#70
Styrene
Concen: 47.619 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:104 Resp: 286511
Ion Ratio Lower Upper
104 100
78 52.8 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 47.814 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

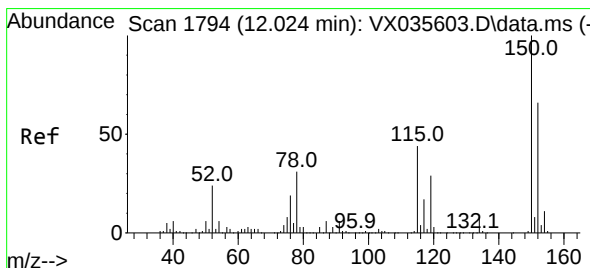
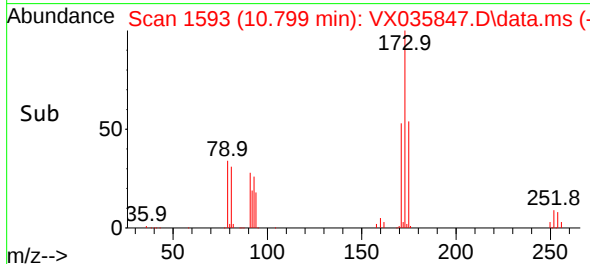
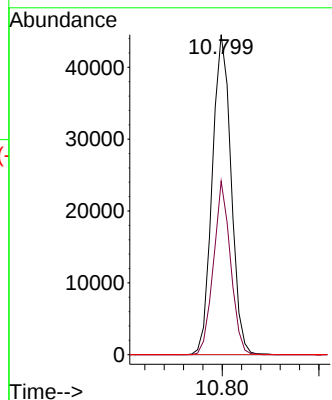
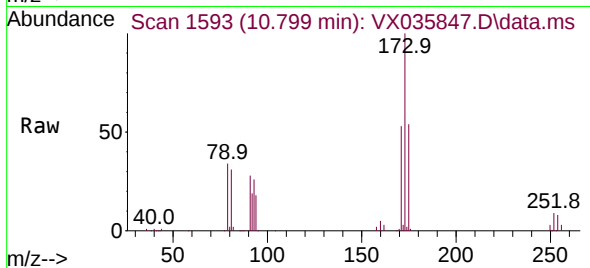
Tgt Ion:173 Resp: 60200

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

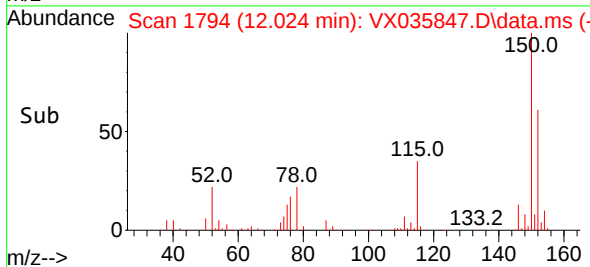
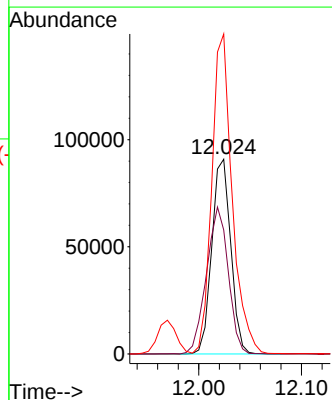
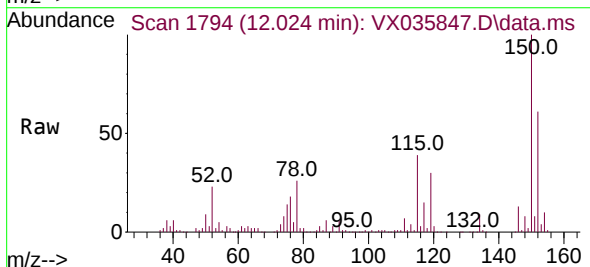
Tgt Ion:152 Resp: 116044

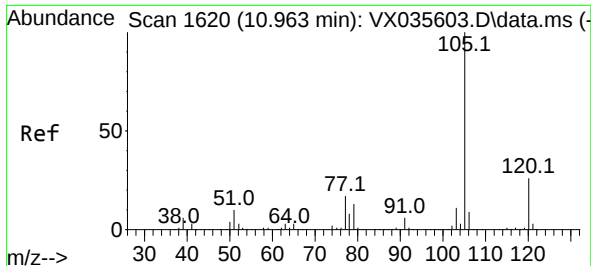
Ion Ratio Lower Upper

152 100

115 87.1 45.0 135.0

150 176.7 0.0 352.4

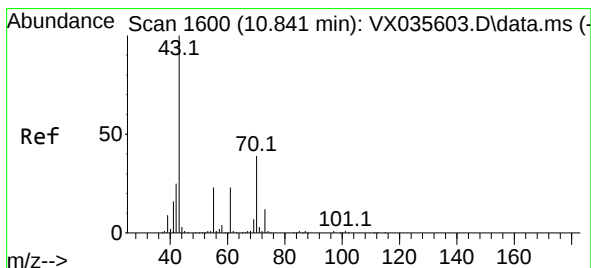
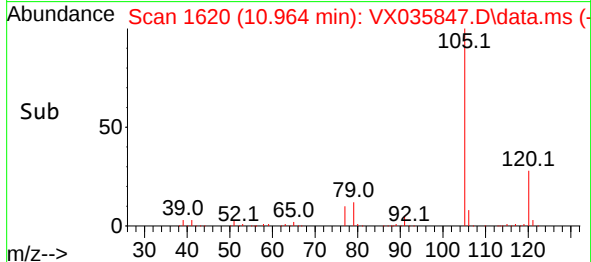
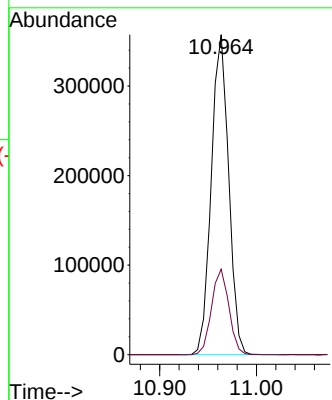
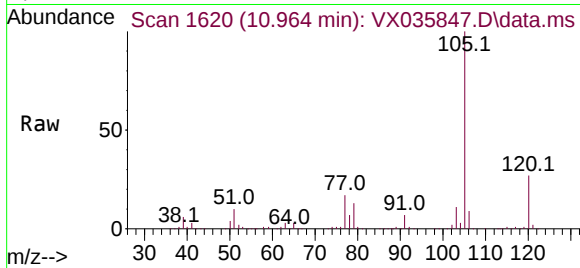




#73
Isopropylbenzene
Concen: 45.689 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

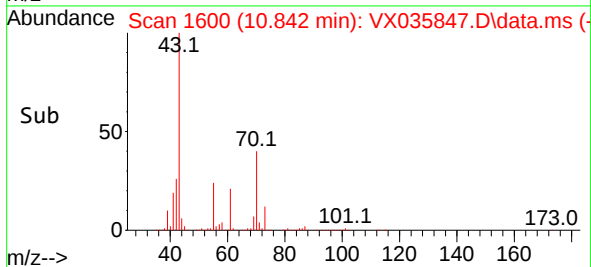
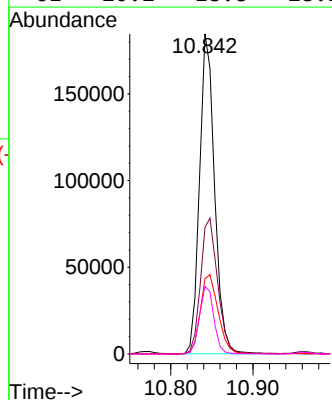
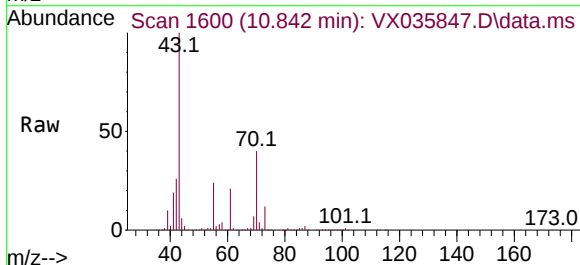
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

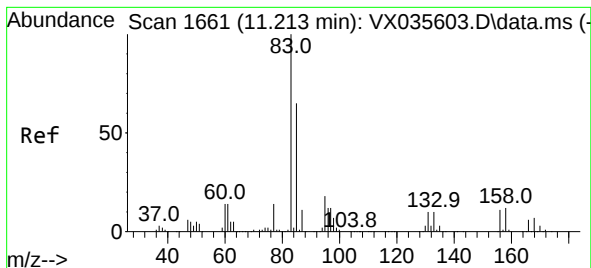
Tgt Ion:105 Resp: 446766
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 51.584 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 43 Resp: 235187
Ion Ratio Lower Upper
43 100
70 48.2 32.1 48.1#
55 29.5 18.3 27.5#
61 20.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.505 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.001 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

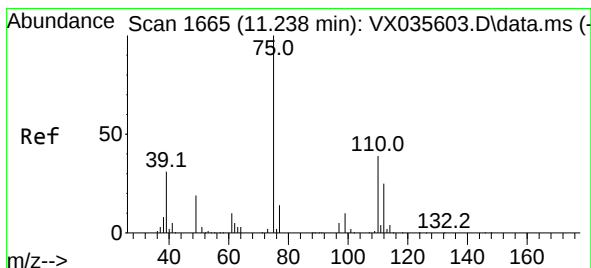
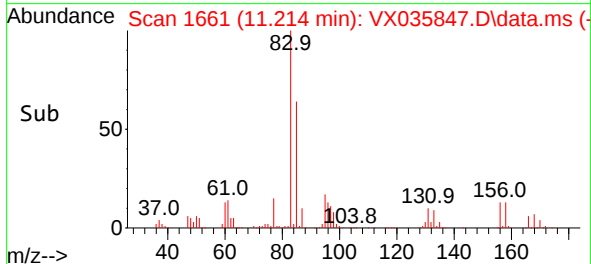
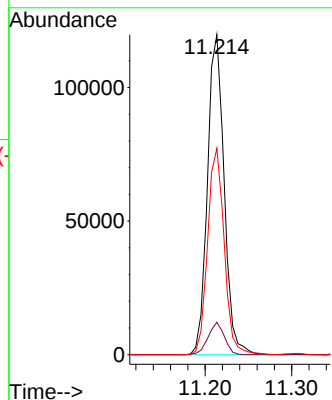
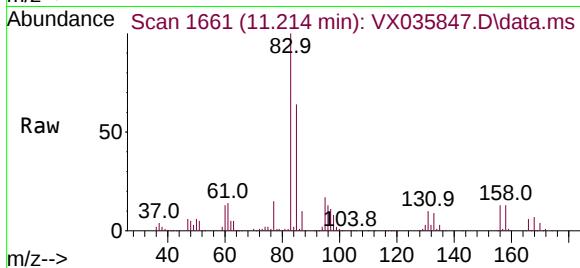
Tgt Ion: 83 Resp: 160204

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

85 64.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 60.803 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035847.D

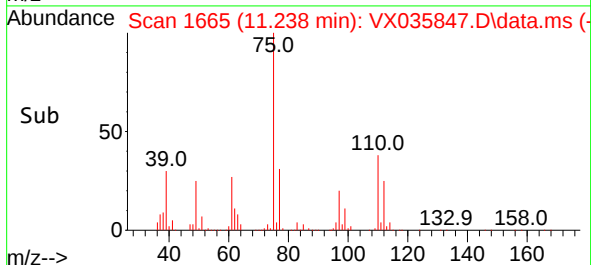
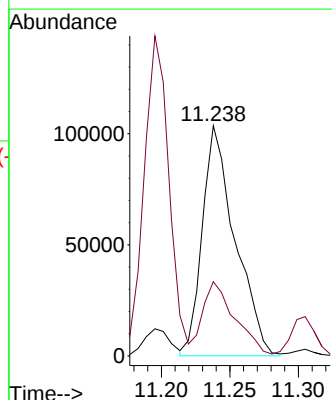
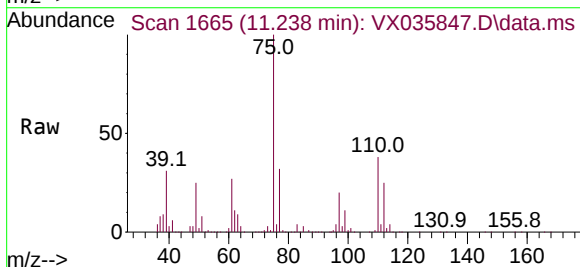
Acq: 24 May 2023 19:31

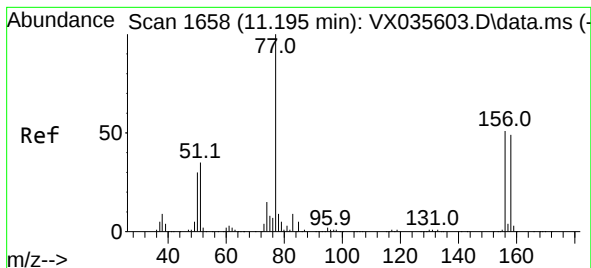
Tgt Ion: 75 Resp: 172588

Ion Ratio Lower Upper

75 100

77 32.0 21.6 64.8





#77

Bromobenzene

Concen: 47.986 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

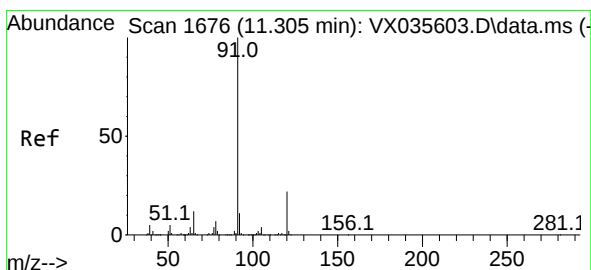
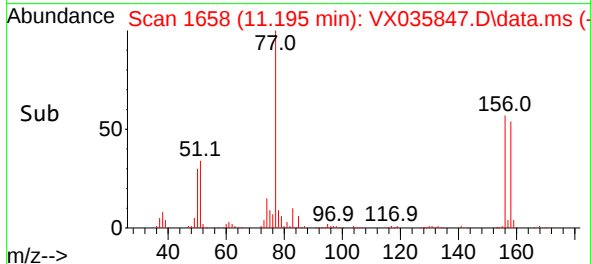
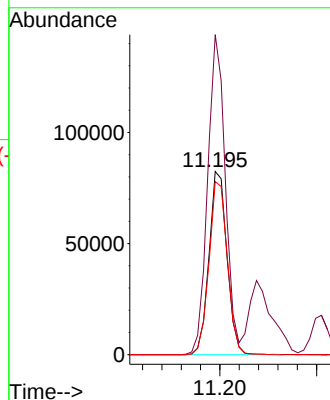
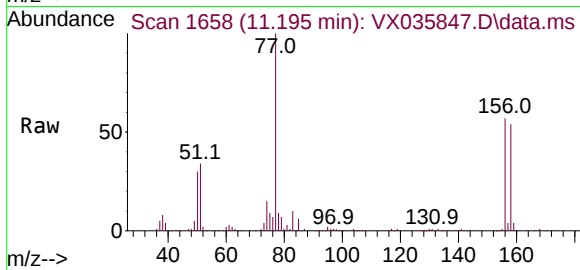
Tgt Ion:156 Resp: 106503

Ion Ratio Lower Upper

156 100

77 171.2 86.7 259.9

158 96.3 48.0 144.0



#78

n-propylbenzene

Concen: 45.526 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035847.D

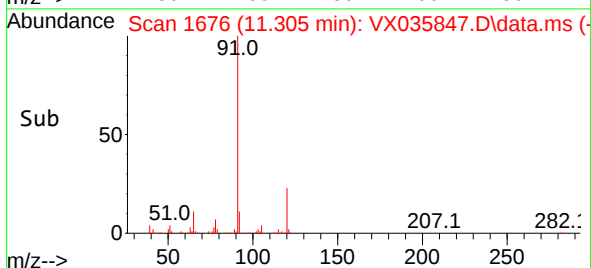
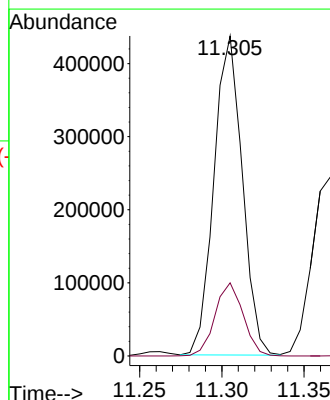
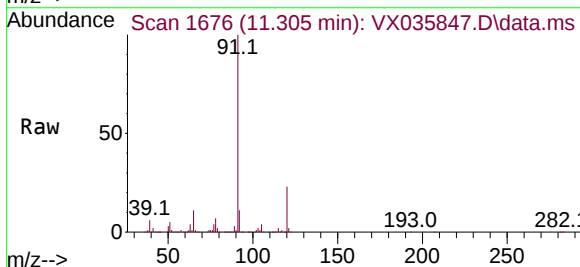
Acq: 24 May 2023 19:31

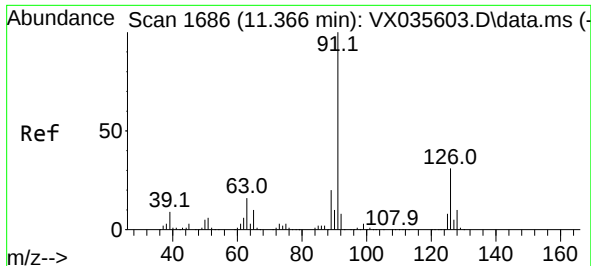
Tgt Ion: 91 Resp: 523311

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 43.668 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

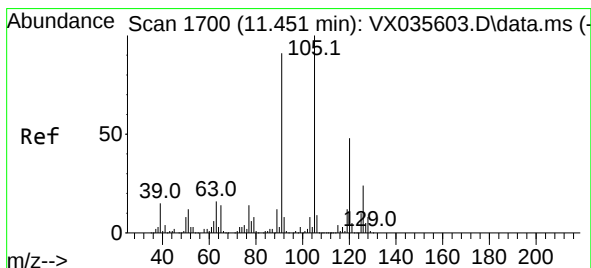
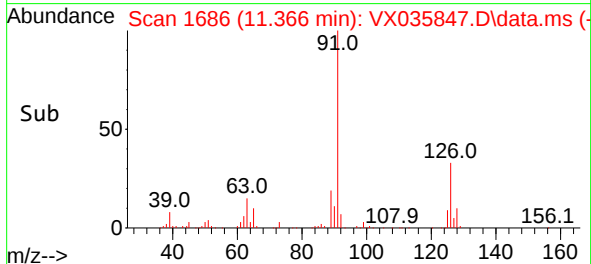
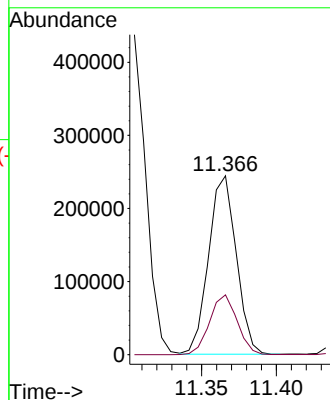
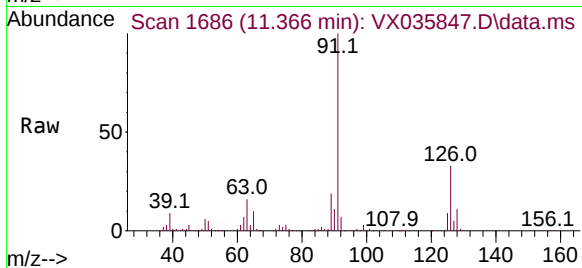
FSND-PRO-08-81-05112023MSD

Tgt Ion: 91 Resp: 314262

Ion Ratio Lower Upper

91 100

126 33.4 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 44.501 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035847.D

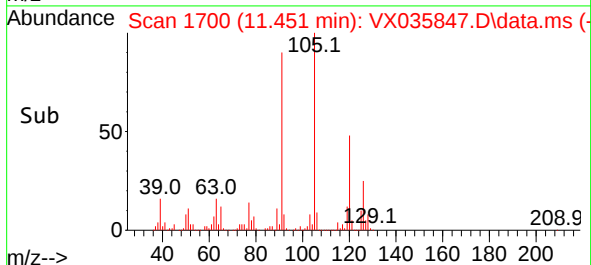
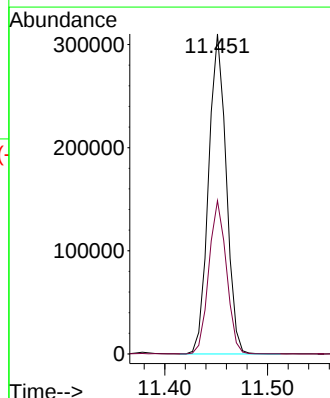
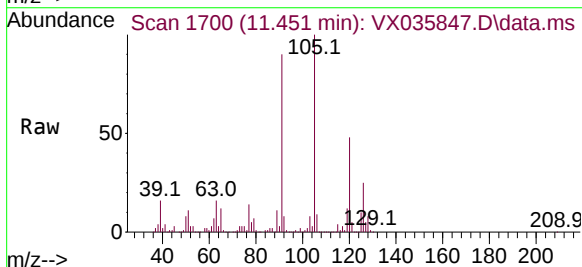
Acq: 24 May 2023 19:31

Tgt Ion: 105 Resp: 369843

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1

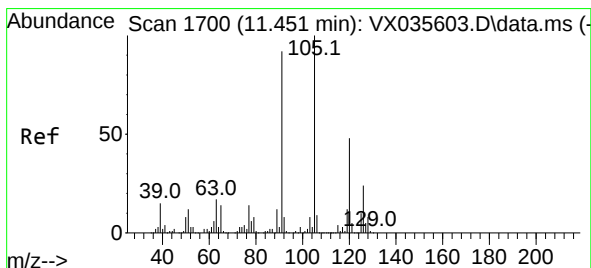
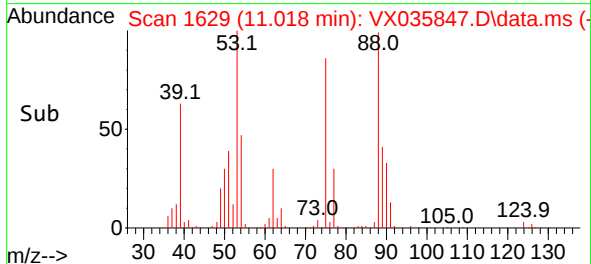
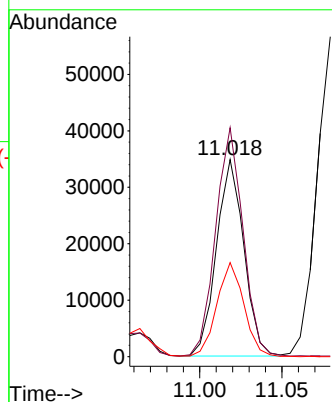
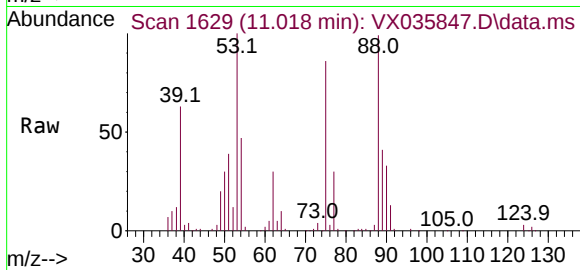




#81
trans-1,4-Dichloro-2-butene
Concen: 45.788 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

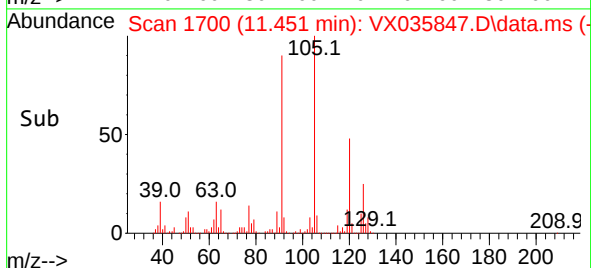
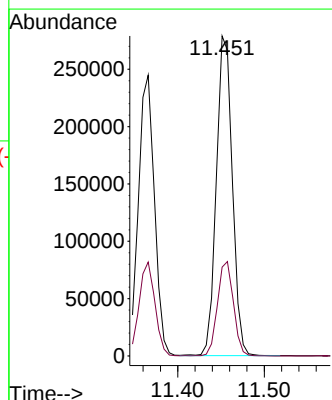
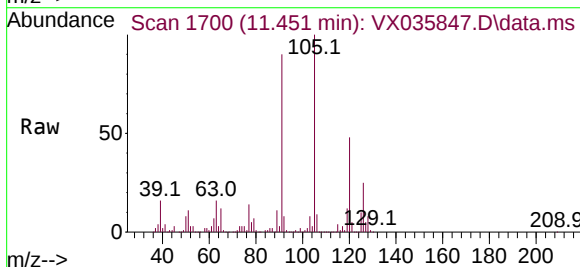
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

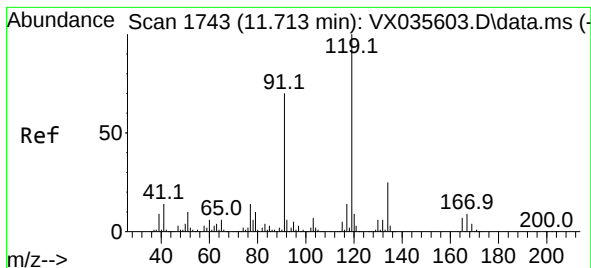
Tgt Ion: 75 Resp: 40327
Ion Ratio Lower Upper
75 100
53 116.2 82.6 124.0
89 47.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 43.182 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 91 Resp: 357897
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.115 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

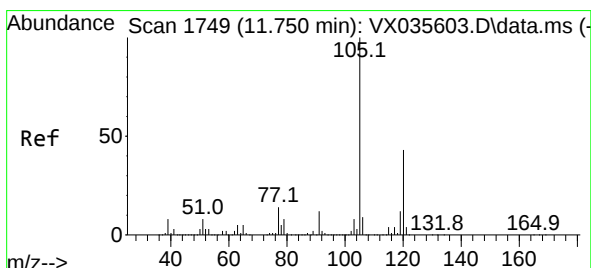
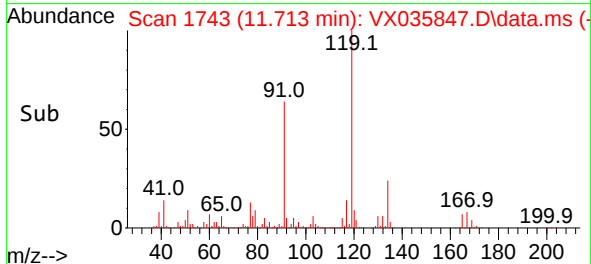
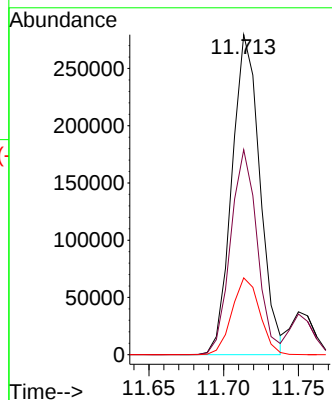
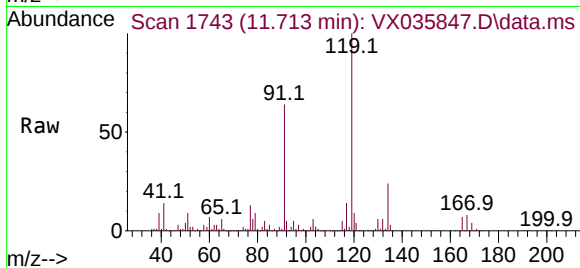
Tgt Ion:119 Resp: 364465

Ion Ratio Lower Upper

119 100

91 61.1 30.6 92.0

134 23.7 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 45.609 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035847.D

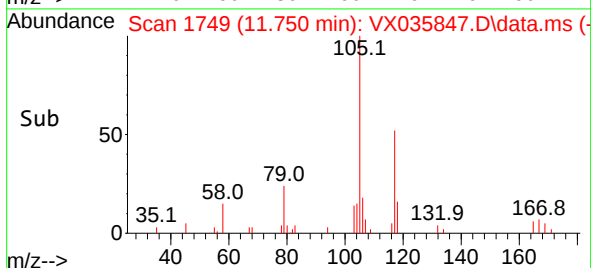
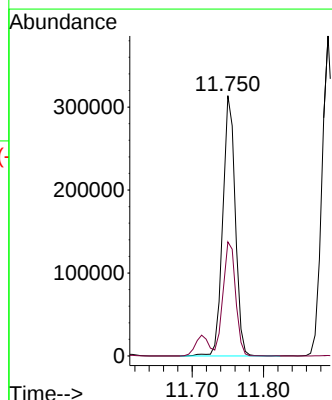
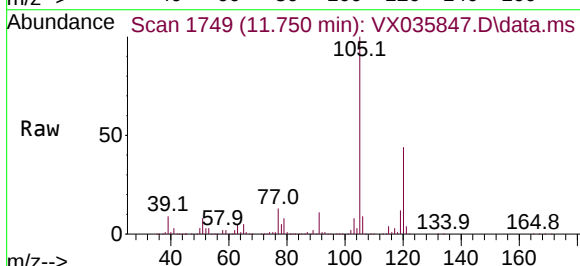
Acq: 24 May 2023 19:31

Tgt Ion:105 Resp: 380605

Ion Ratio Lower Upper

105 100

120 43.9 22.4 67.0

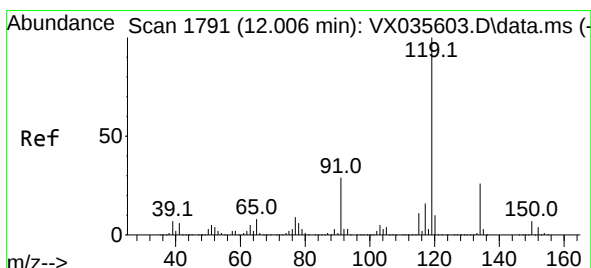
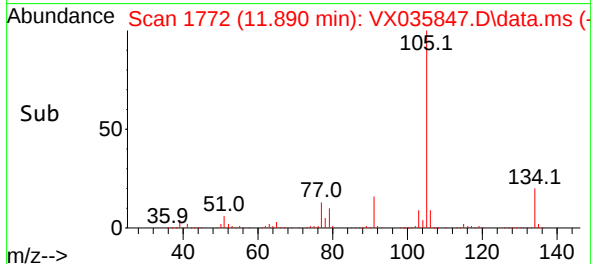
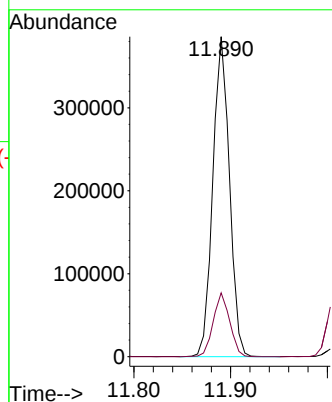
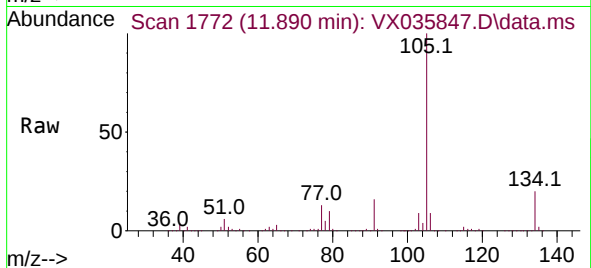




#85
 sec-Butylbenzene
 Concen: 45.365 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035847.D
 Acq: 24 May 2023 19:31

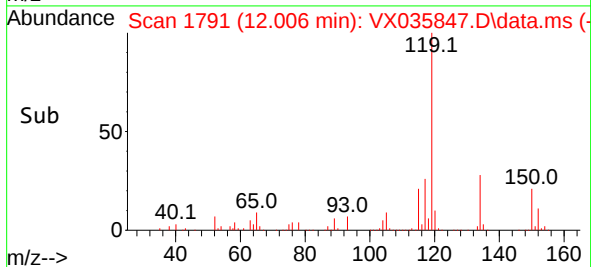
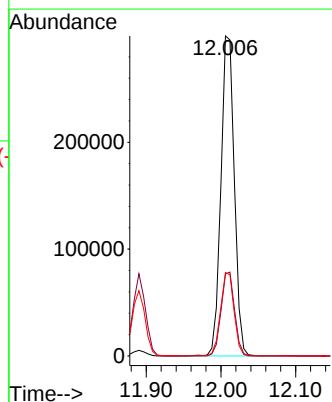
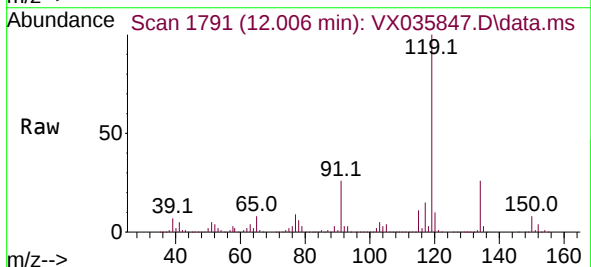
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-08-81-05112023MSD

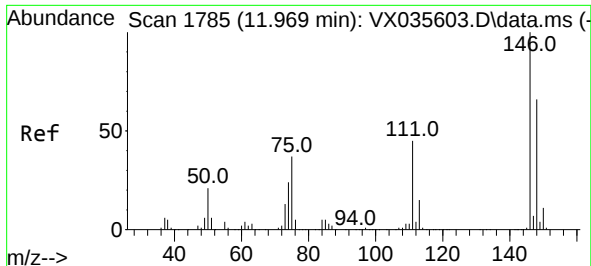
Tgt Ion:105 Resp: 460154
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 44.999 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035847.D
 Acq: 24 May 2023 19:31

Tgt Ion:119 Resp: 375243
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 26.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.679 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

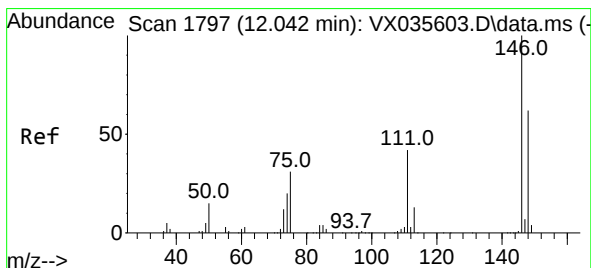
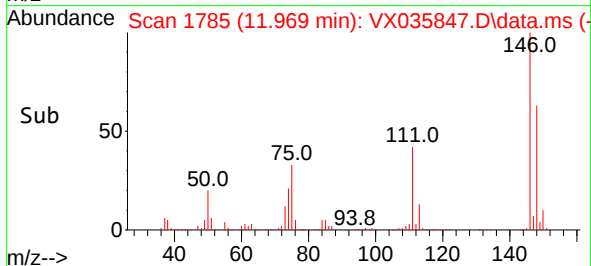
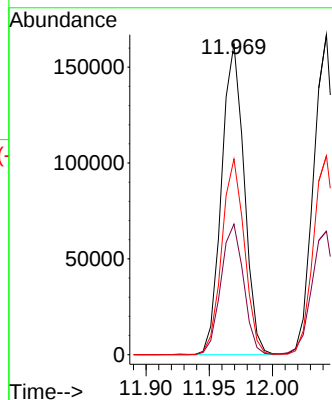
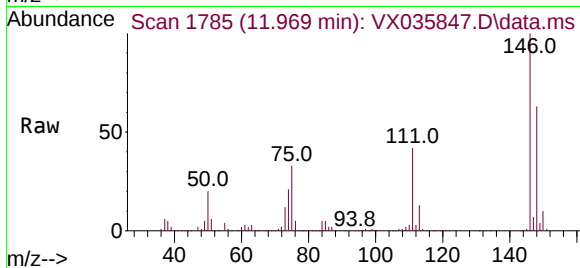
Tgt Ion:146 Resp: 201027

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

148 63.0 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 47.395 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

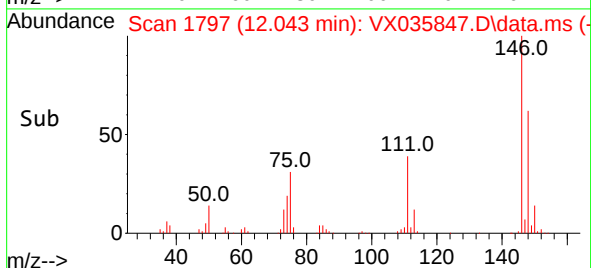
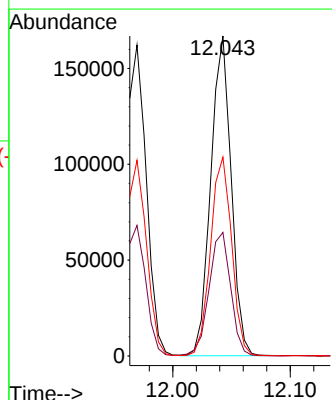
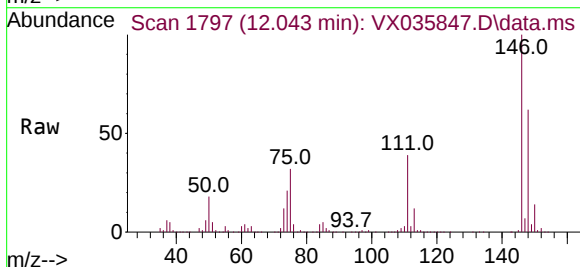
Tgt Ion:146 Resp: 201783

Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.9

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 44.208 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

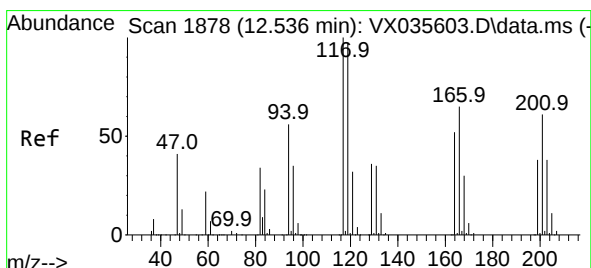
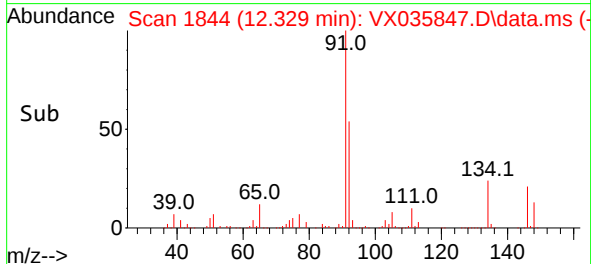
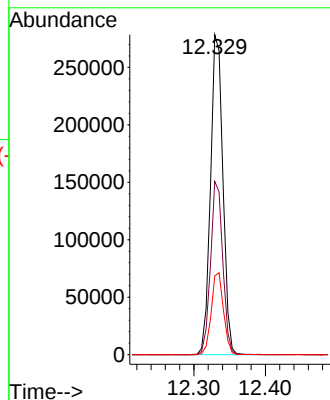
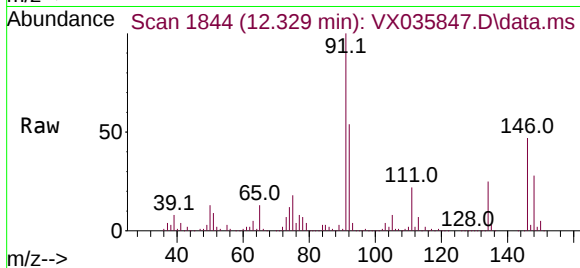
Tgt Ion: 91 Resp: 335353

Ion Ratio Lower Upper

91 100

92 53.4 27.7 83.0

134 25.3 13.0 38.9



#90

Hexachloroethane

Concen: 45.170 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035847.D

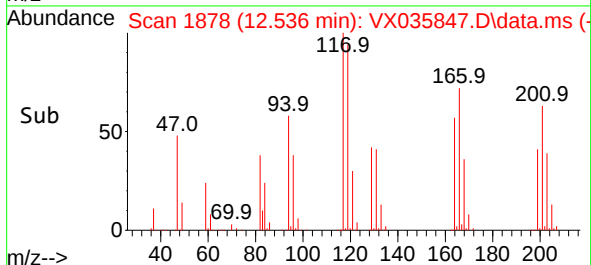
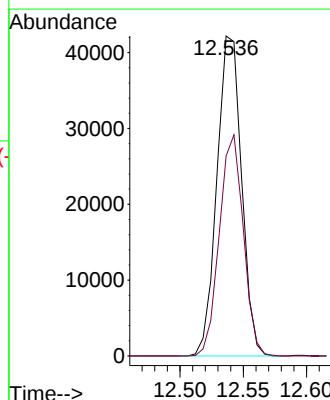
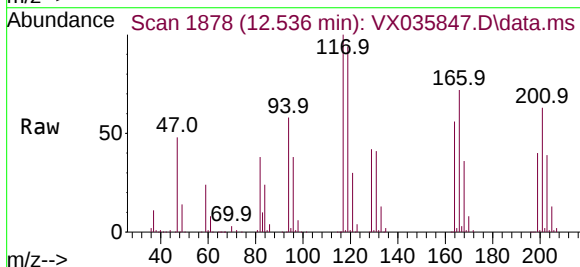
Acq: 24 May 2023 19:31

Tgt Ion: 117 Resp: 57091

Ion Ratio Lower Upper

117 100

201 67.3 34.4 103.1

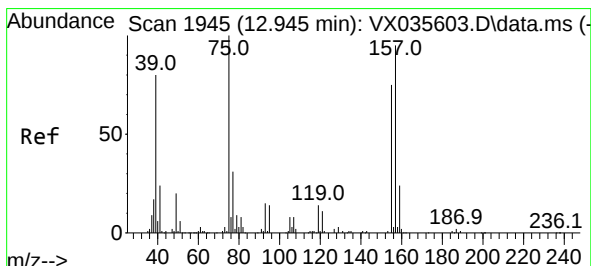
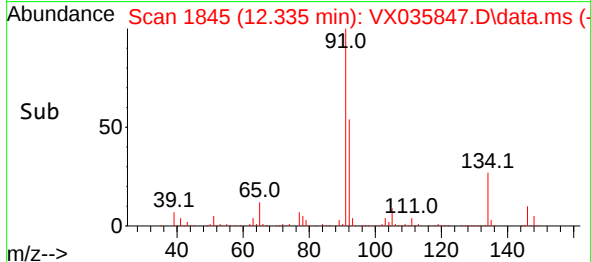
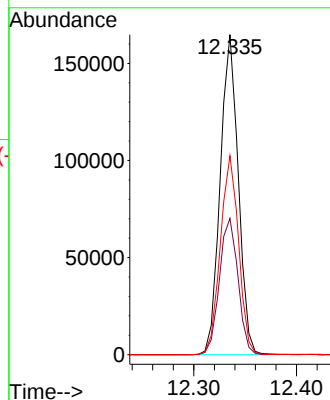
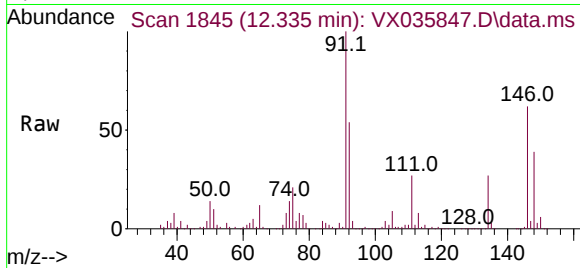




#91
1,2-Dichlorobenzene
Concen: 48.520 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

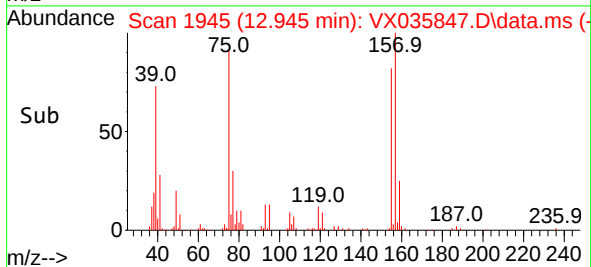
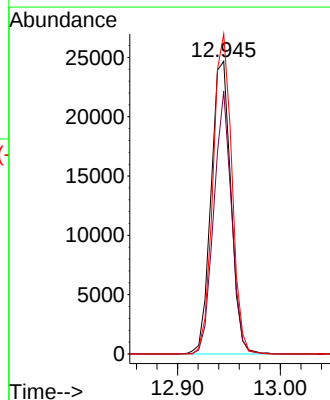
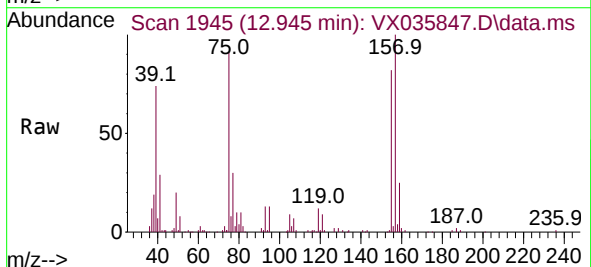
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

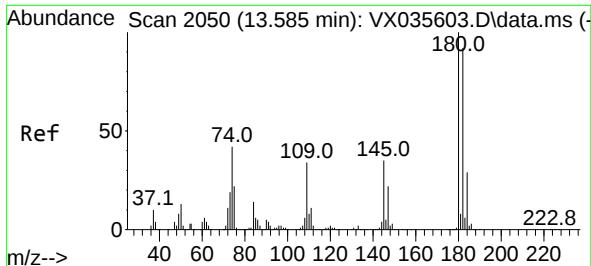
Tgt Ion:146 Resp: 200326
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 62.9 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.610 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion: 75 Resp: 32923
Ion Ratio Lower Upper
75 100
155 80.4 38.4 115.1
157 103.9 49.9 149.7

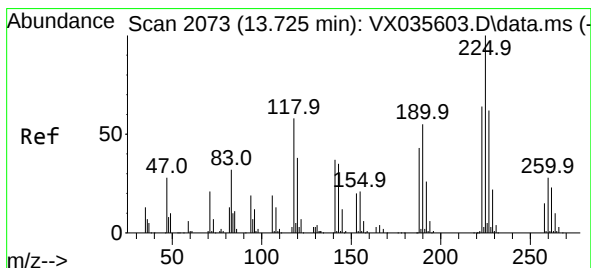
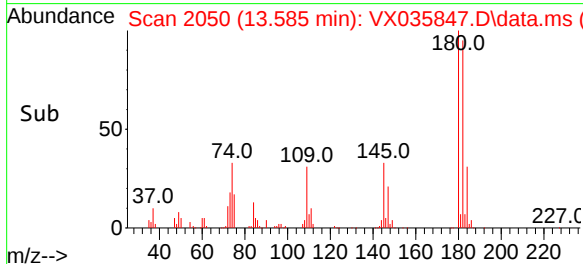
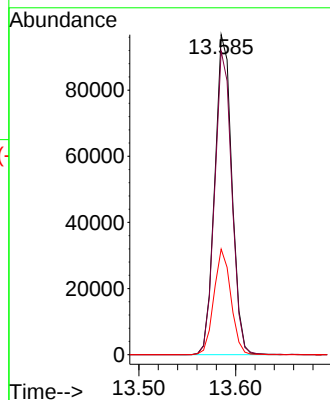
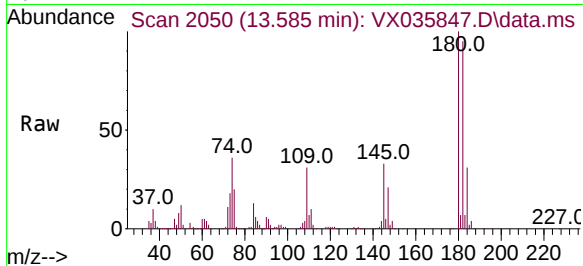




#93
1,2,4-Trichlorobenzene
Concen: 47.680 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

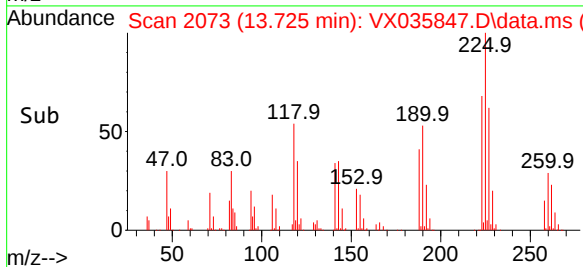
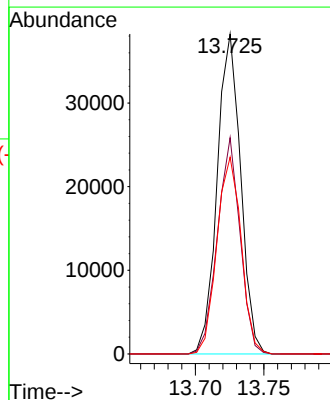
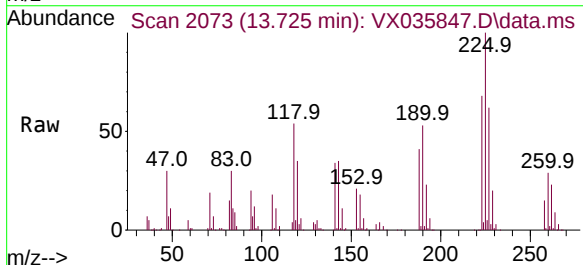
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-08-81-05112023MSD

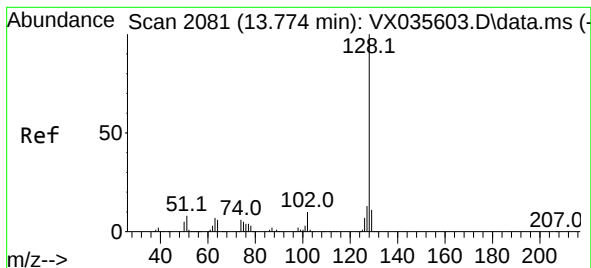
Tgt Ion:180 Resp: 118533
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 32.7 15.9 47.7



#94
Hexachlorobutadiene
Concen: 46.131 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035847.D
Acq: 24 May 2023 19:31

Tgt Ion:225 Resp: 45520
Ion Ratio Lower Upper
225 100
223 65.2 32.1 96.5
227 63.5 31.8 95.4





#95

Naphthalene

Concen: 50.764 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-08-81-05112023MSD

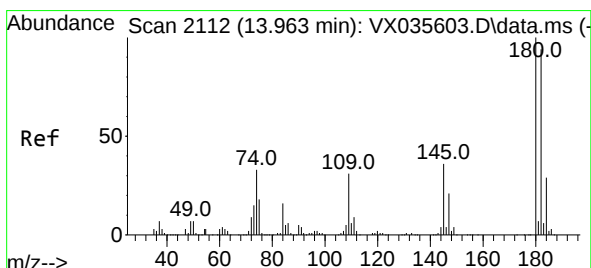
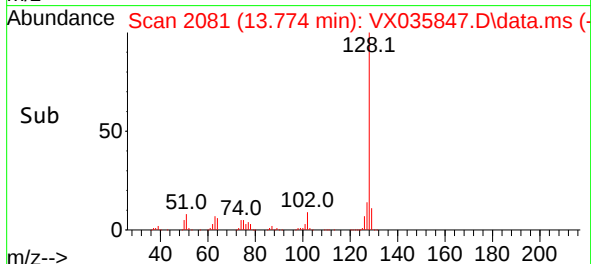
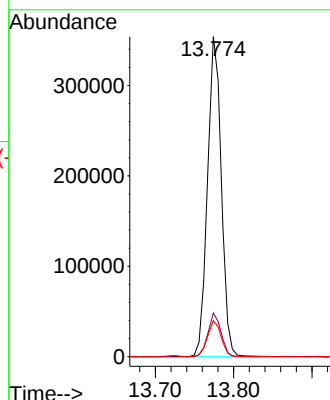
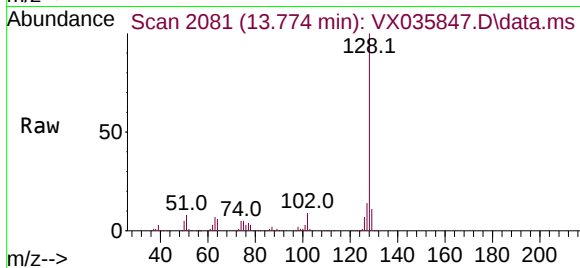
Tgt Ion:128 Resp: 432178

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.157 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035847.D

Acq: 24 May 2023 19:31

Tgt Ion:180 Resp: 117742

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 34.3 17.7 53.1

