

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035676.D
 Acq On : 15 May 2023 19:28
 Operator : JC/MD
 Sample : 02643-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MSD

Quant Time: May 16 05:04:49 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

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	191784	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181524	54.255	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.520%			
35) Dibromofluoromethane	5.385	113	124257	51.286	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	437834	48.917	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.079	95	183715	50.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101979	40.801	ug/l	100
3) Chloromethane	1.295	50	134263	44.264	ug/l	100
4) Vinyl Chloride	1.374	62	118847	46.169	ug/l	98
5) Bromomethane	1.618	94	76153	54.624	ug/l	99
6) Chloroethane	1.691	64	77138	49.396	ug/l	93
7) Trichlorofluoromethane	1.886	101	168178	44.433	ug/l	100
8) Diethyl Ether	2.130	74	81961	56.241	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	94039	41.847	ug/l	96
10) Methyl Iodide	2.453	142	114592	57.016	ug/l	91
11) Tert butyl alcohol	3.020	59	152333	258.070	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	100643	47.123	ug/l	87
13) Acrolein	2.239	56	186597	266.343	ug/l	100
14) Allyl chloride	2.666	41	226626	49.530	ug/l	94
15) Acrylonitrile	3.069	53	385993	296.961	ug/l	99
16) Acetone	2.398	43	353188	245.612	ug/l	96
17) Carbon Disulfide	2.514	76	231493	44.911	ug/l	99
18) Methyl Acetate	2.709	43	316372	59.656	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	466799	54.925	ug/l	99
20) Methylene Chloride	2.788	84	132223	50.735	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	117333	50.136	ug/l	93
22) Diisopropyl ether	3.757	45	482541	53.863	ug/l	97
23) Vinyl Acetate	3.721	43	1782851	281.259	ug/l	98
24) 1,1-Dichloroethane	3.611	63	247470	51.651	ug/l	99
25) 2-Butanone	4.568	43	558010	280.319	ug/l	99
26) 2,2-Dichloropropane	4.477	77	173440	42.747	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	145249	51.629	ug/l	95
28) Bromochloromethane	4.898	49	127515	59.170	ug/l	96
29) Tetrahydrofuran	5.013	42	357789	285.962	ug/l	98
30) Chloroform	5.093	83	258597	52.671	ug/l	100
31) Cyclohexane	5.471	56	177745	42.049	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	212041	49.638	ug/l	99
36) 1,1-Dichloropropene	5.690	75	169192	44.241	ug/l	98
37) Ethyl Acetate	4.715	43	222660	55.820	ug/l	100
38) Carbon Tetrachloride	5.678	117	165213	45.604	ug/l	98
39) Methylcyclohexane	7.379	83	172294	38.273	ug/l	93
40) Benzene	6.038	78	518651	48.478	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	128148	54.108	ug/l	96
42) 1,2-Dichloroethane	6.086	62	238709	51.868	ug/l	97
43) Isopropyl Acetate	6.342	43	374630	53.859	ug/l	99
44) Trichloroethene	7.123	130	508798	187.557	ug/l	94
45) 1,2-Dichloropropane	7.428	63	144733	51.079	ug/l	99
46) Dibromomethane	7.580	93	101815	52.494	ug/l	94
47) Bromodichloromethane	7.824	83	197750	52.749	ug/l	99
48) Methyl methacrylate	7.690	41	189295	55.144	ug/l	96
49) 1,4-Dioxane	7.720	88	60863	865.136	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	1131138	282.272	ug/l	98
52) Toluene	8.720	92	322756	47.791	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	215519	52.915	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	227455	52.123	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	140895	53.118	ug/l	98
56) Ethyl methacrylate	9.116	69	233470	54.352	ug/l	98
57) 1,3-Dichloropropane	9.305	76	250871	52.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	615318	281.585	ug/l	100
59) 2-Hexanone	9.433	43	852911	282.622	ug/l	98
60) Dibromochloromethane	9.519	129	137424	54.352	ug/l	100
61) 1,2-Dibromoethane	9.610	107	147152	52.655	ug/l	99
64) Tetrachloroethene	9.275	164	94683	42.513	ug/l	94
65) Chlorobenzene	10.079	112	342872	47.481	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	128519	50.333	ug/l	99
67) Ethyl Benzene	10.195	91	627863	46.230	ug/l	98
68) m/p-Xylenes	10.299	106	465454	92.718	ug/l	96
69) o-Xylene	10.640	106	237470	47.670	ug/l	96
70) Styrene	10.653	104	394704	49.163	ug/l	98
71) Bromoform	10.799	173	90527	53.884	ug/l #	98
73) Isopropylbenzene	10.963	105	592574	45.535	ug/l	98
74) N-amyl acetate	10.842	43	317762	52.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	216711	51.335	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	189693m	50.215	ug/l	
77) Bromobenzene	11.195	156	140728	47.644	ug/l	91
78) n-propylbenzene	11.305	91	694056	45.370	ug/l	98
79) 2-Chlorotoluene	11.366	91	444768	46.438	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	511413	46.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	60504	51.619	ug/l	87
82) 4-Chlorotoluene	11.451	91	519099	47.062	ug/l	97
83) tert-Butylbenzene	11.713	119	487608	45.353	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	521849	46.989	ug/l	97
85) sec-Butylbenzene	11.890	105	593340	43.954	ug/l	98
86) p-Isopropyltoluene	12.006	119	503378	45.358	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	264351	47.112	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	263922	46.579	ug/l	97
89) n-Butylbenzene	12.329	91	445190	44.098	ug/l	97
90) Hexachloroethane	12.536	117	79102	47.026	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	259749	47.272	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	51756	55.057	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	155091	46.876	ug/l	97
94) Hexachlorobutadiene	13.725	225	52450	39.940	ug/l	98
95) Naphthalene	13.774	128	583656	51.514	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153035	47.031	ug/l	99

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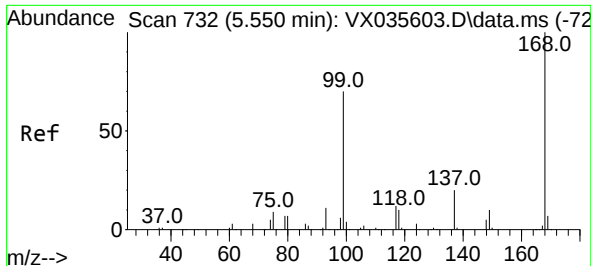
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/16/2023

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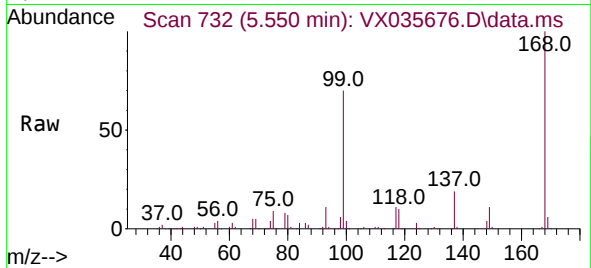
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

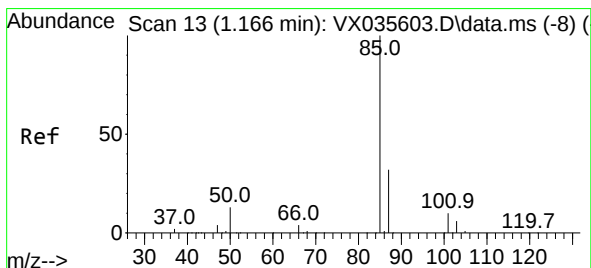
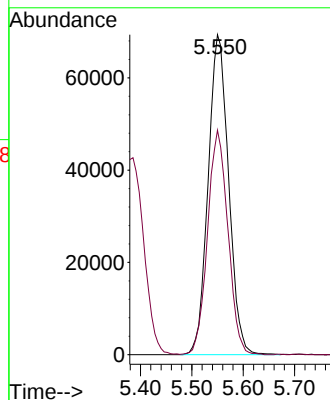
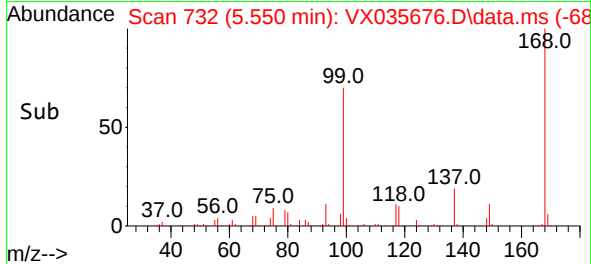
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion:168 Resp: 191784
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5

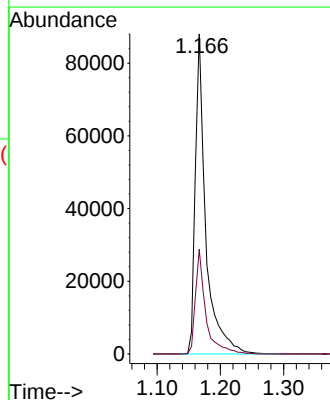
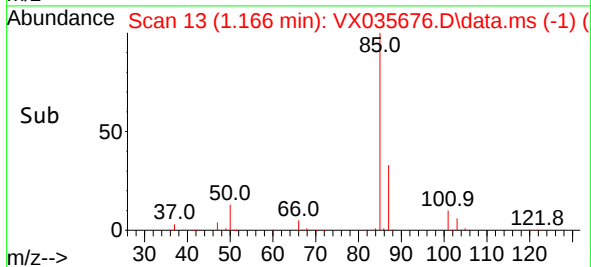
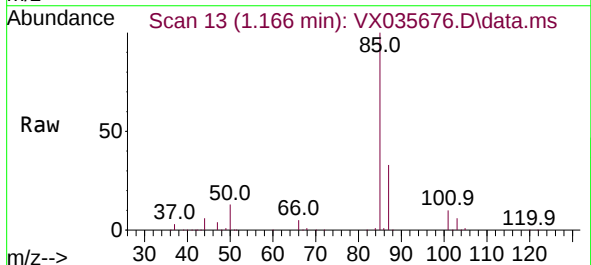
Manual Integrations
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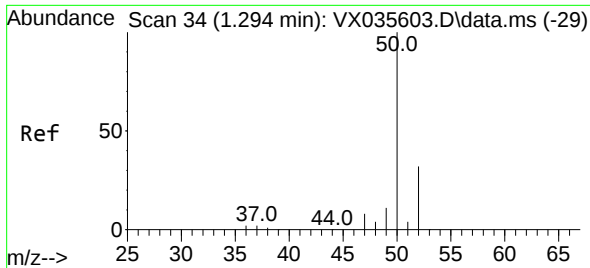
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#2
Dichlorodifluoromethane
Concen: 40.801 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

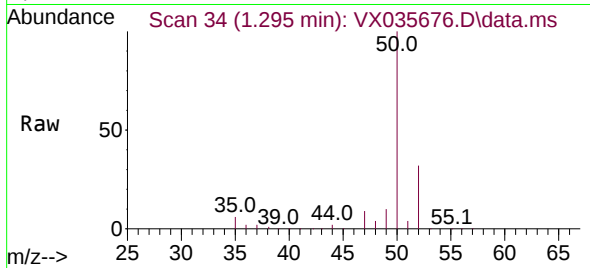
Tgt Ion: 85 Resp: 101979
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.1





#3
Chloromethane
Concen: 44.264 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

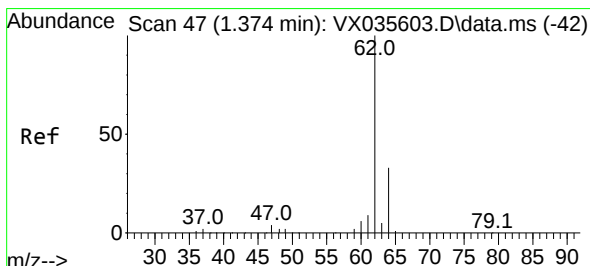
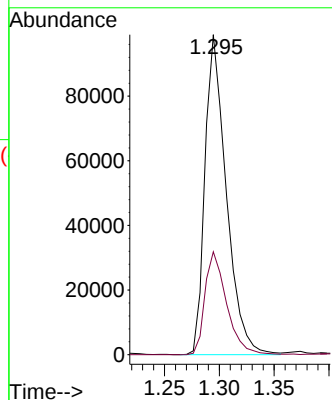
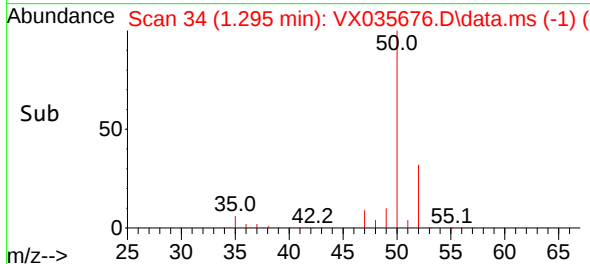
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Tgt Ion: 50 Resp: 13426
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

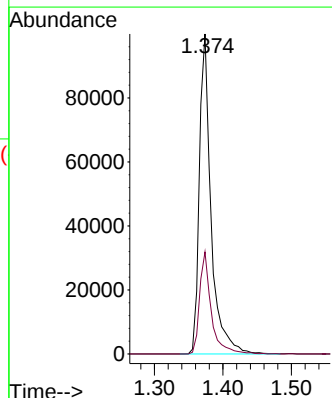
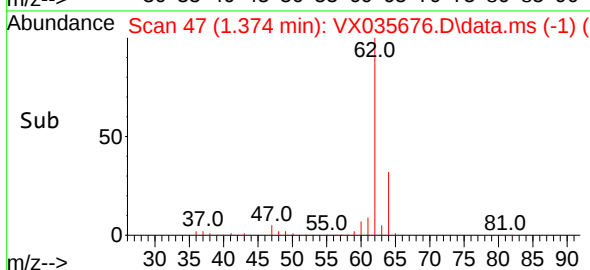
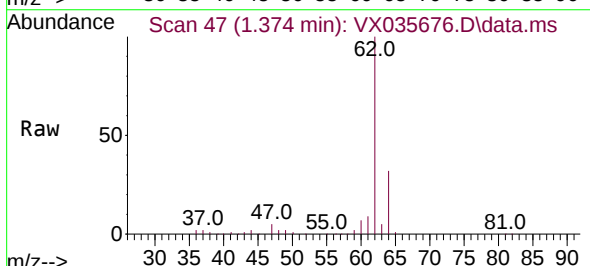
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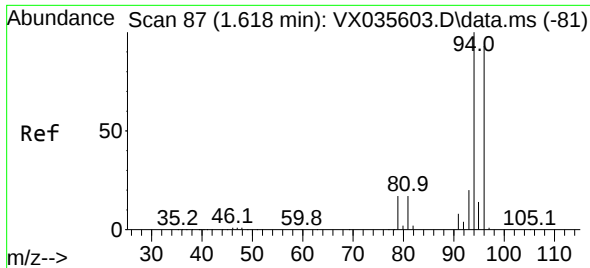
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#4
Vinyl Chloride
Concen: 46.169 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

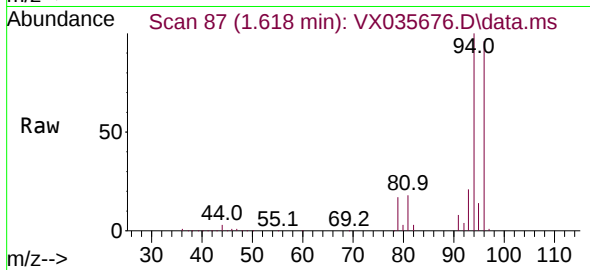
Tgt Ion: 62 Resp: 118847
Ion Ratio Lower Upper
62 100
64 31.9 26.4 39.6





#5
Bromomethane
Concen: 54.624 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

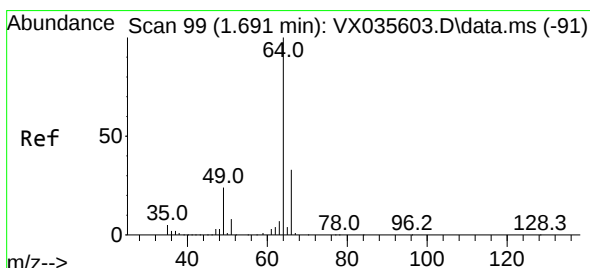
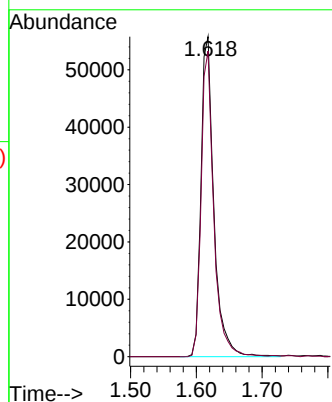
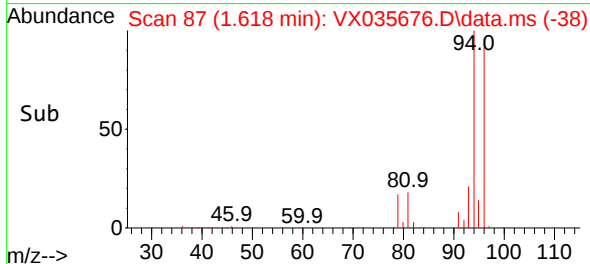
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Tgt Ion: 94 Resp: 7615
Ion Ratio Lower Upper
94 100
96 95.5 77.0 115.6

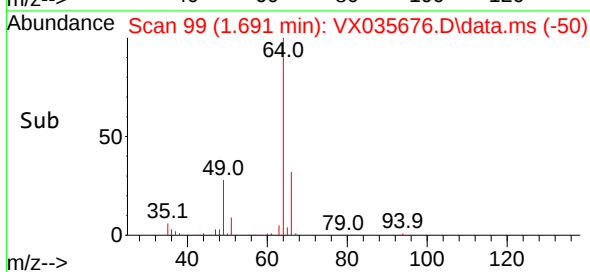
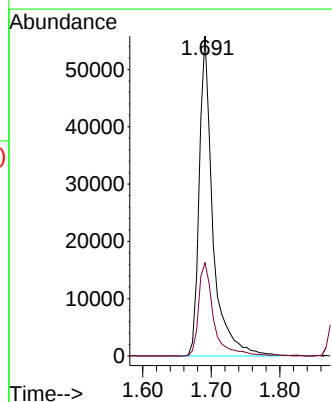
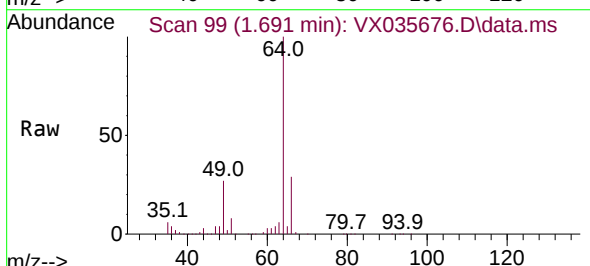
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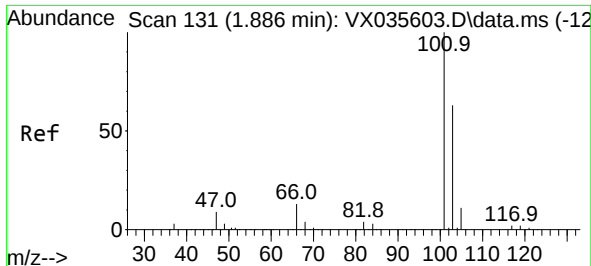
Reviewed By :John Carlone 05/16/2023
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#6
Chloroethane
Concen: 49.396 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

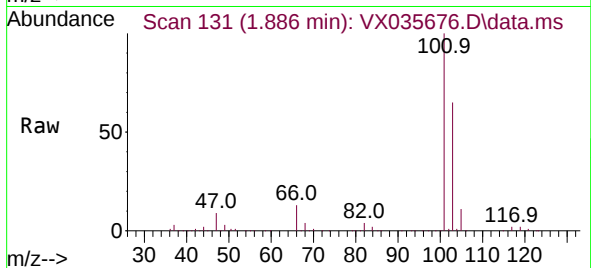
Tgt Ion: 64 Resp: 77138
Ion Ratio Lower Upper
64 100
66 29.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.433 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

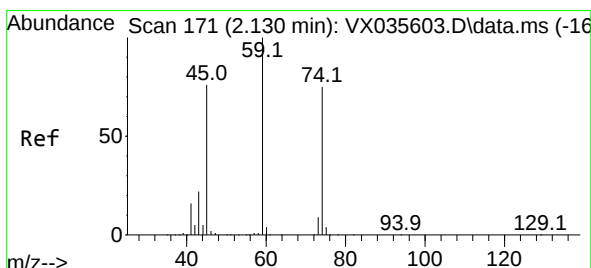
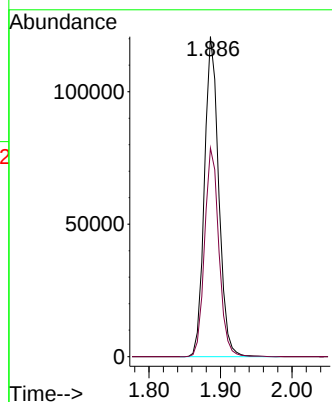
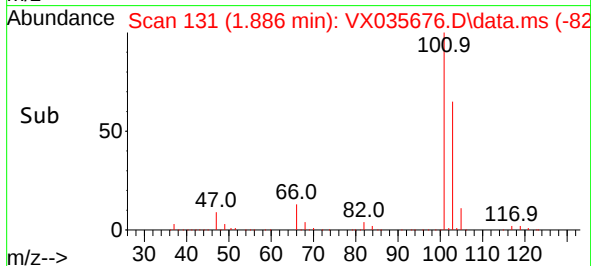
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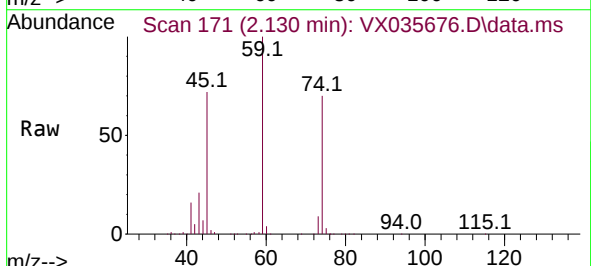
Tgt Ion:101 Resp: 168178
Ion Ratio Lower Upper
101 100
103 65.2 52.0 78.0

Manual Integrations
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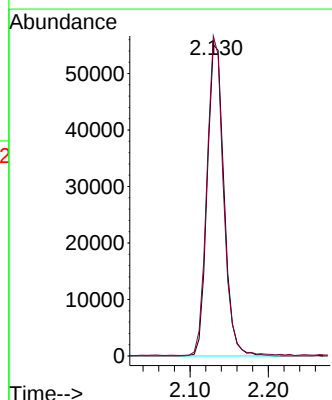
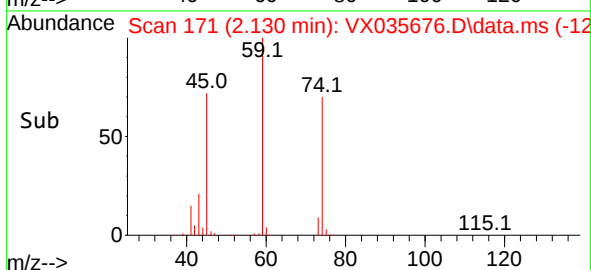
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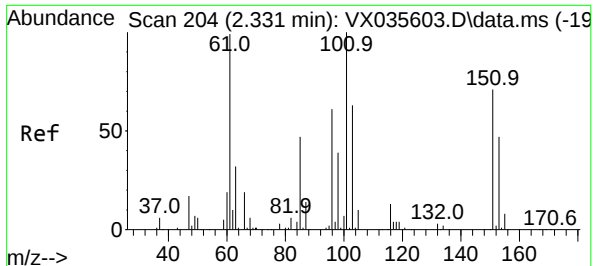


#8
Diethyl Ether
Concen: 56.241 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



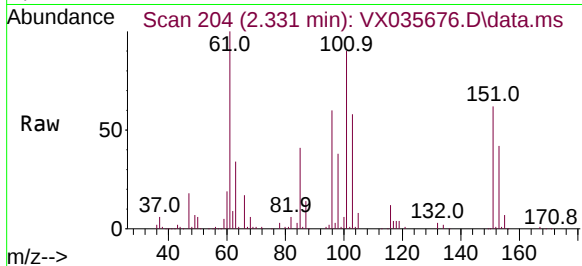
Tgt Ion: 74 Resp: 81961
Ion Ratio Lower Upper
74 100
45 100.8 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.847 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

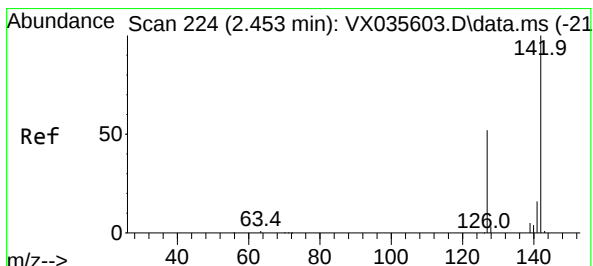
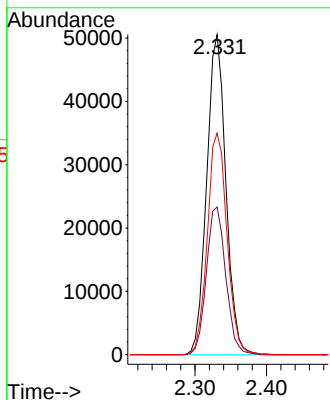
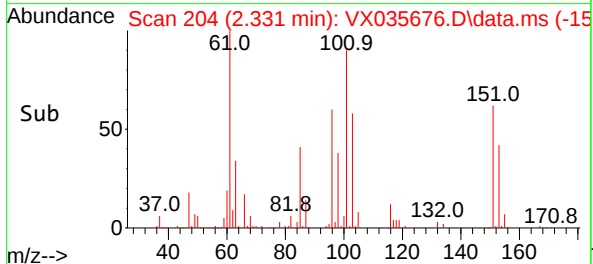
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion:101 Resp: 94039
Ion Ratio Lower Upper
101 100
85 46.7 35.4 53.2
151 71.2 60.2 90.4

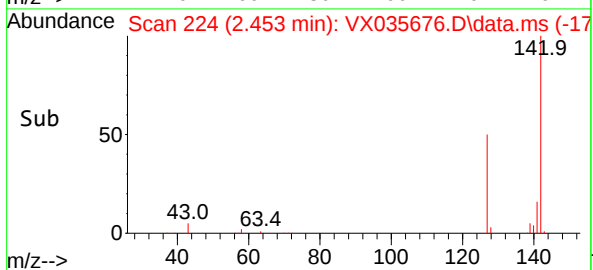
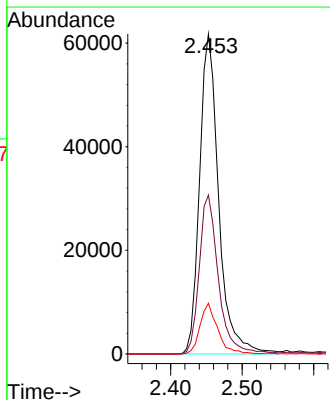
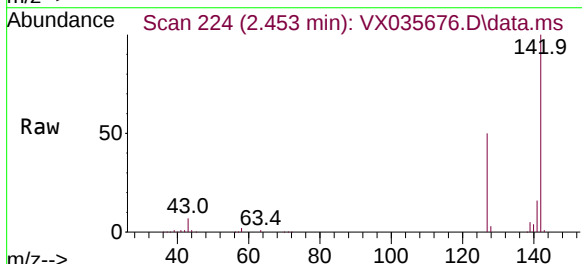
Manual Integrations
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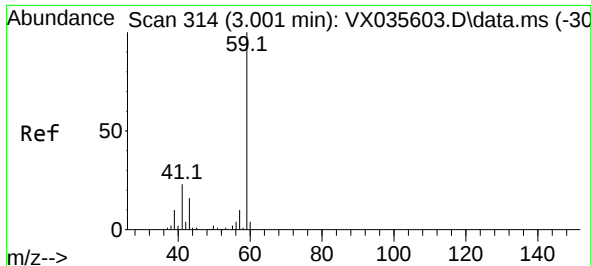
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#10
Methyl Iodide
Concen: 57.016 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion:142 Resp: 114592
Ion Ratio Lower Upper
142 100
127 49.7 34.0 51.0
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 258.070 ug/l

RT: 3.020 min Scan# 314

Delta R.T. 0.019 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 59 Resp: 15233

Ion Ratio Lower Upper

59 100

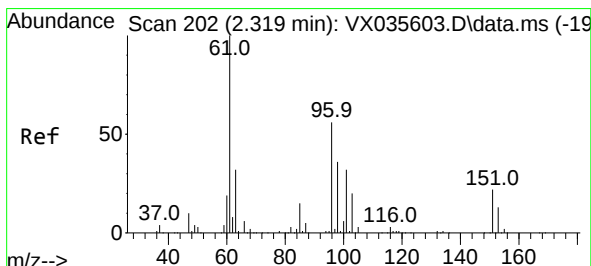
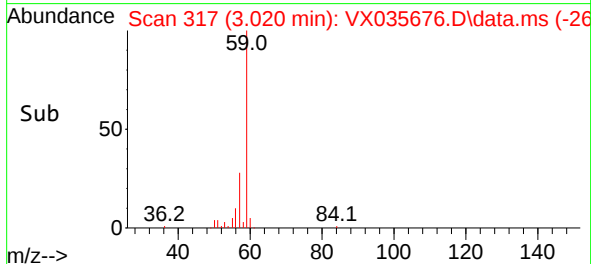
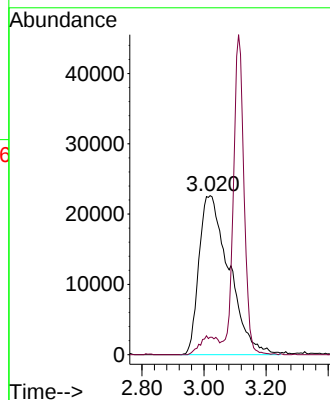
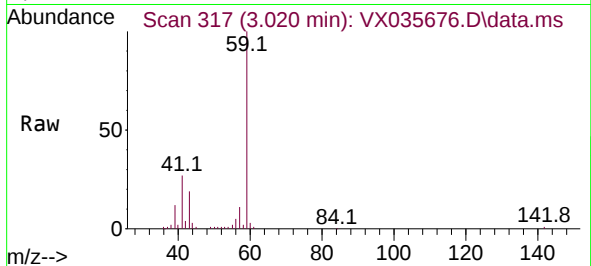
57 6.8 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#12

1,1-Dichloroethene

Concen: 47.123 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

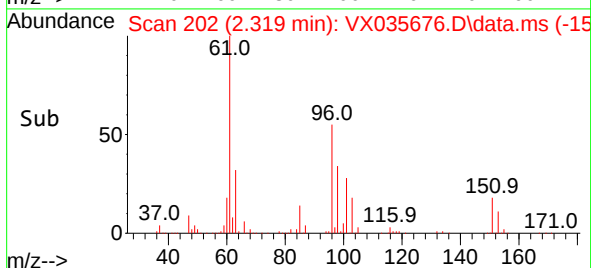
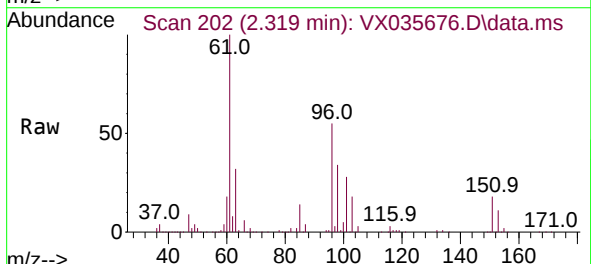
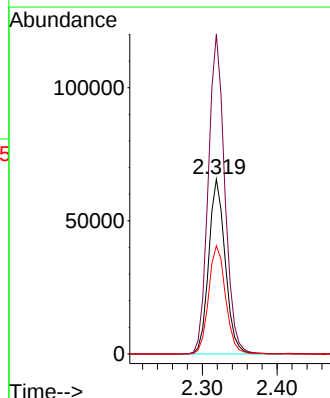
Tgt Ion: 96 Resp: 100643

Ion Ratio Lower Upper

96 100

61 183.1 128.8 193.2

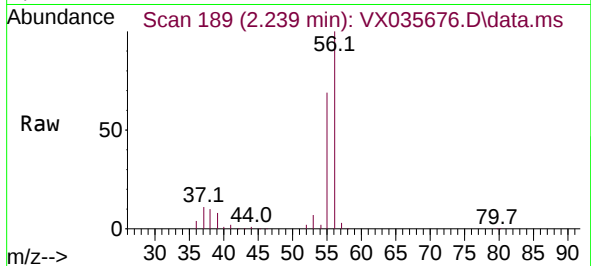
98 61.9 51.4 77.0





#13
Acrolein
Concen: 266.343 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

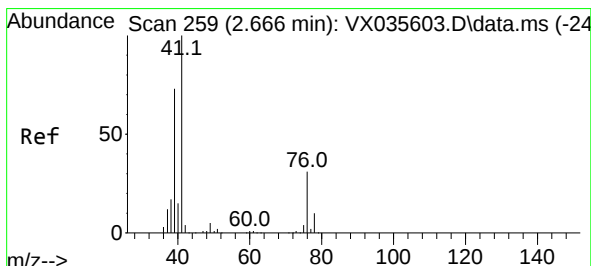
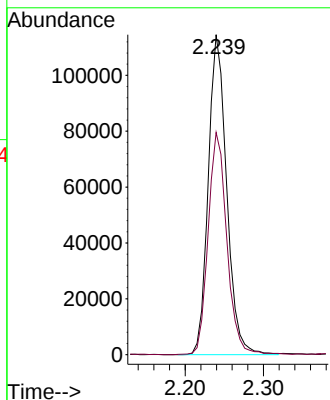
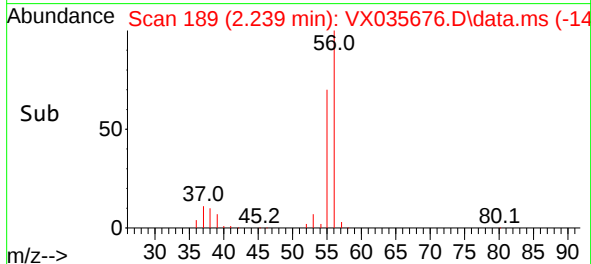
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion: 56 Resp: 186597
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

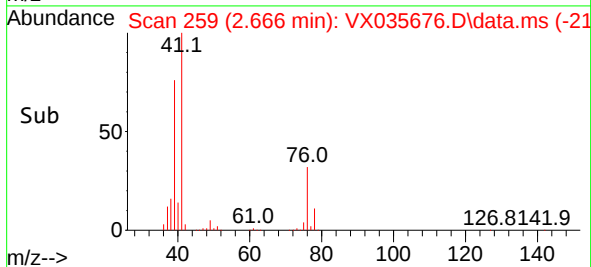
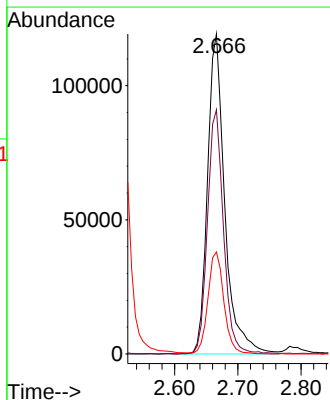
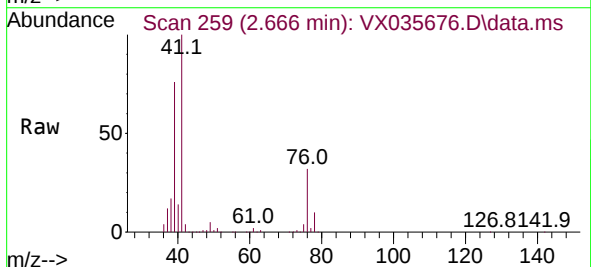
Manual Integrations
APPROVED

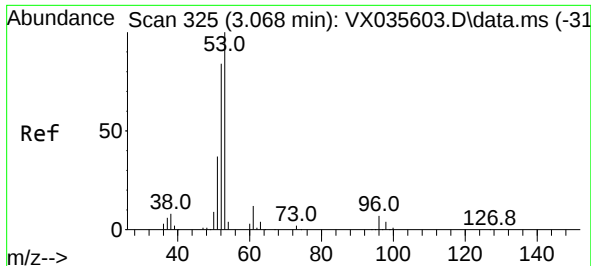
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#14
Allyl chloride
Concen: 49.530 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

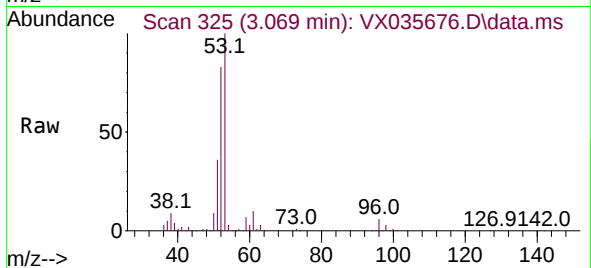
Tgt Ion: 41 Resp: 226626
Ion Ratio Lower Upper
41 100
39 71.1 52.4 78.6
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 296.961 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

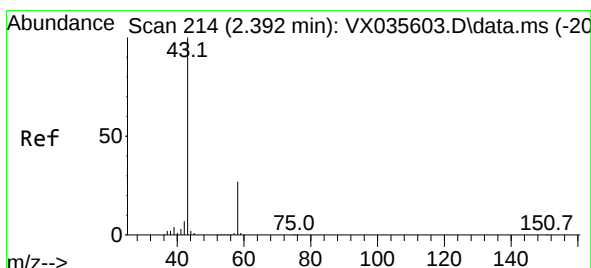
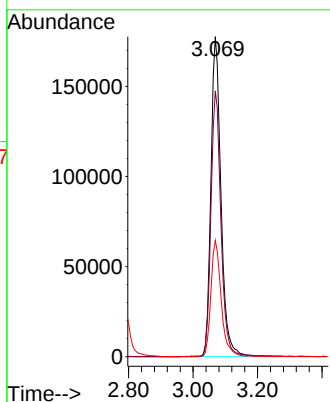
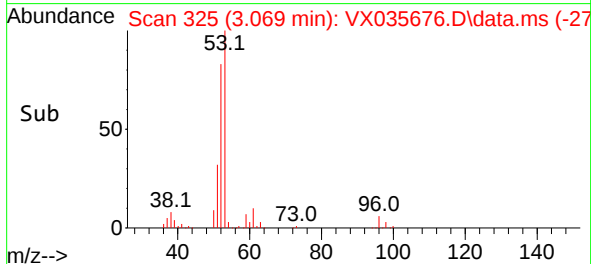
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion: 53 Resp: 38599
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.2
51 36.6 28.3 42.5

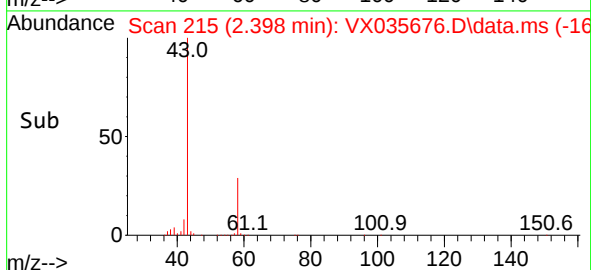
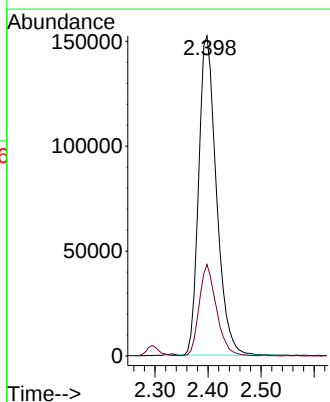
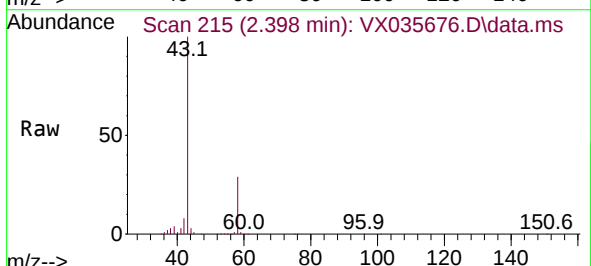
Manual Integrations
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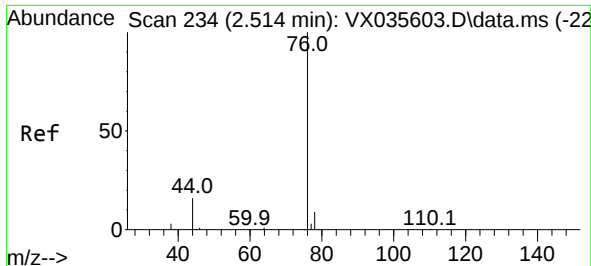
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#16
Acetone
Concen: 245.612 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 43 Resp: 353188
Ion Ratio Lower Upper
43 100
58 28.6 24.7 37.1





#17

Carbon Disulfide

Concen: 44.911 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 76 Resp: 23149

Ion Ratio Lower Upper

76 100

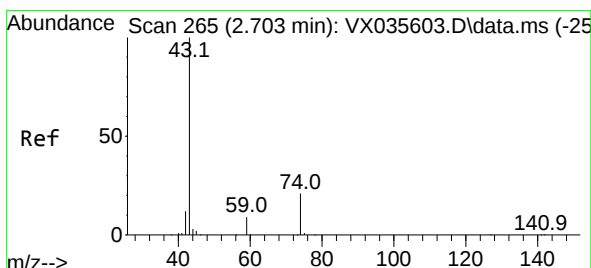
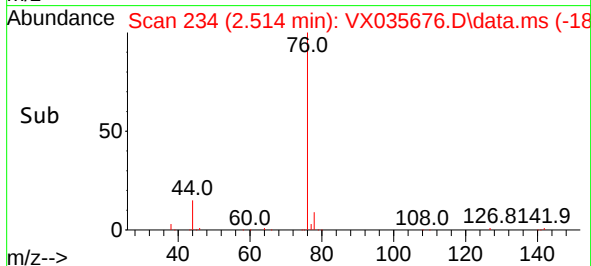
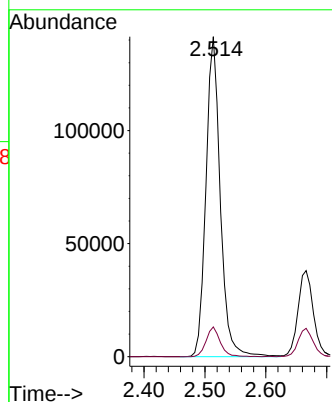
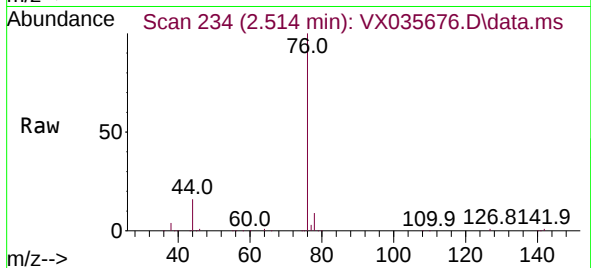
78 9.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#18

Methyl Acetate

Concen: 59.656 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035676.D

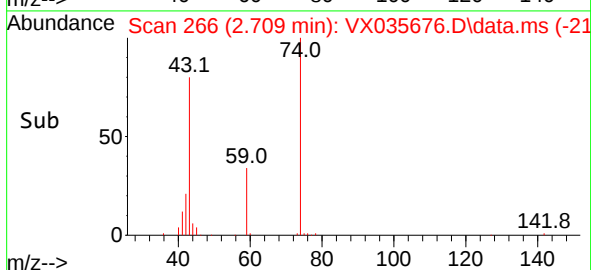
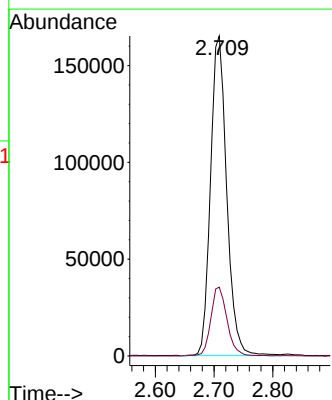
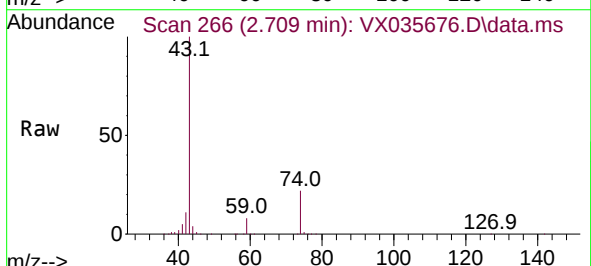
Acq: 15 May 2023 19:28

Tgt Ion: 43 Resp: 316372

Ion Ratio Lower Upper

43 100

74 21.6 18.3 27.5





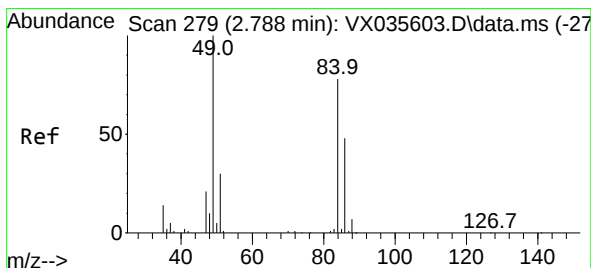
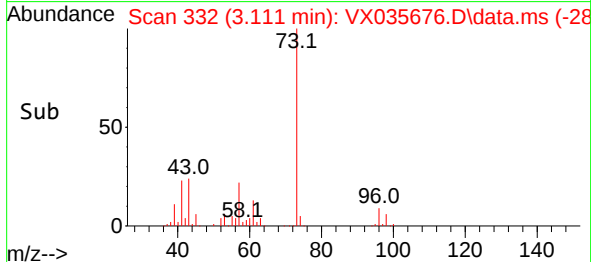
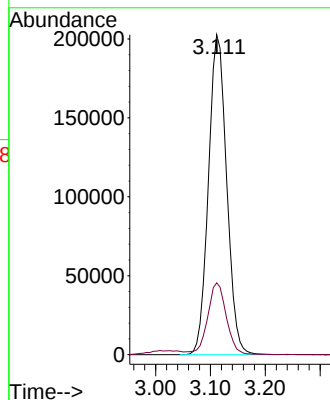
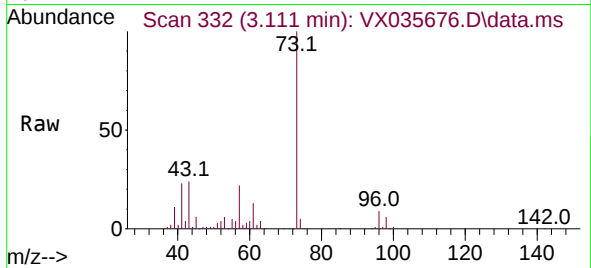
#19
Methyl tert-butyl Ether
Concen: 54.925 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD

Tgt Ion: 73 Resp: 466799
Ion Ratio Lower Upper
73 100
57 22.4 18.5 27.7

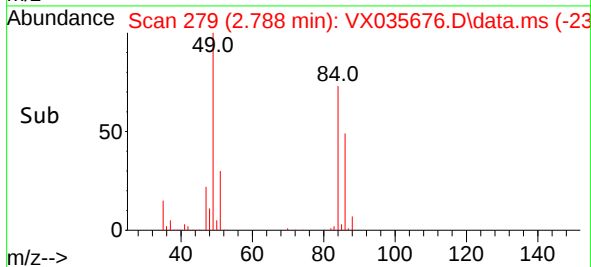
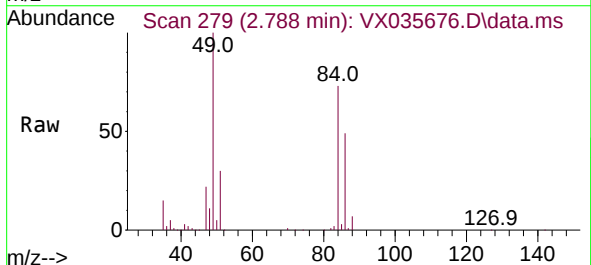
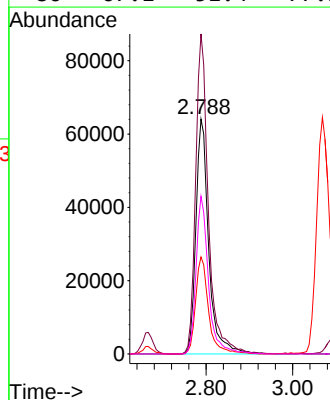
Manual Integrations
APPROVED

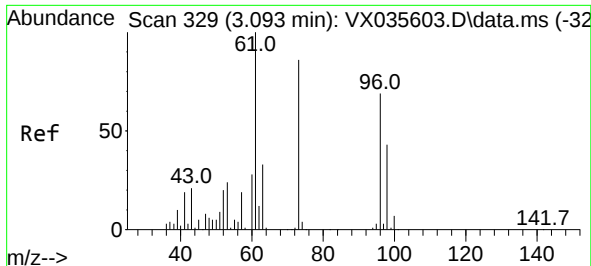
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#20
Methylene Chloride
Concen: 50.735 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

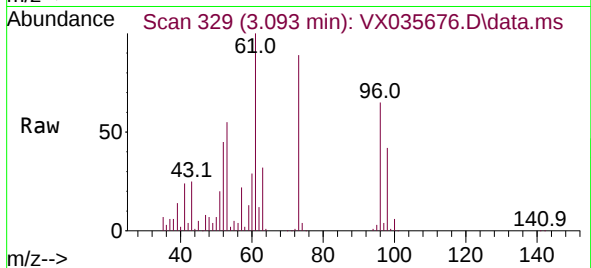
Tgt Ion: 84 Resp: 132223
Ion Ratio Lower Upper
84 100
49 136.2 103.8 155.8
51 41.3 31.8 47.8
86 67.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.136 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

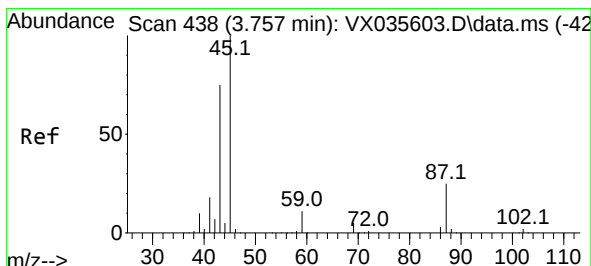
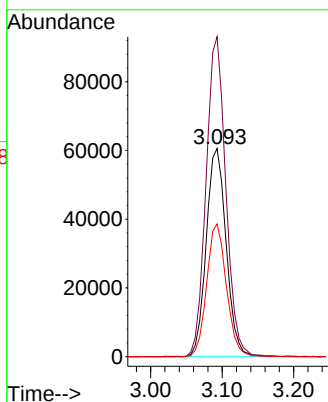
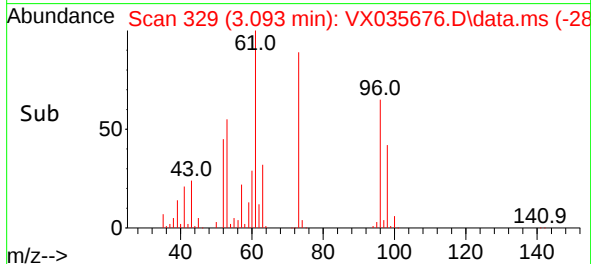
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion: 96 Resp: 11733
Ion Ratio Lower Upper
96 100
61 153.6 113.0 169.6
98 63.8 52.1 78.1

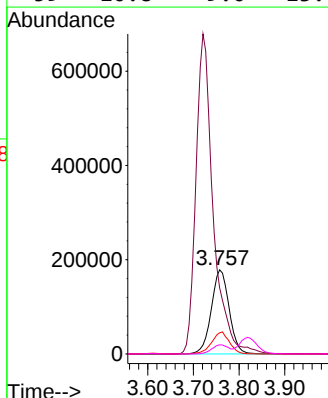
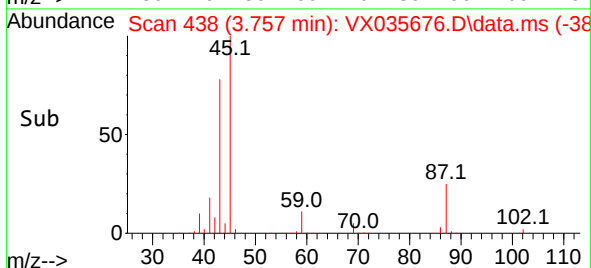
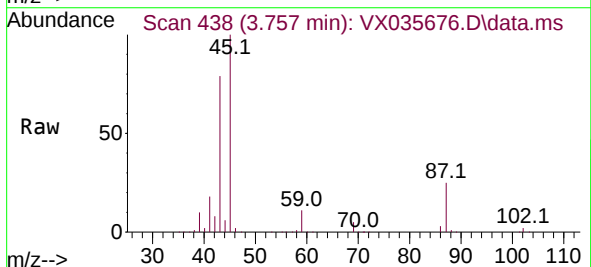
Manual Integrations
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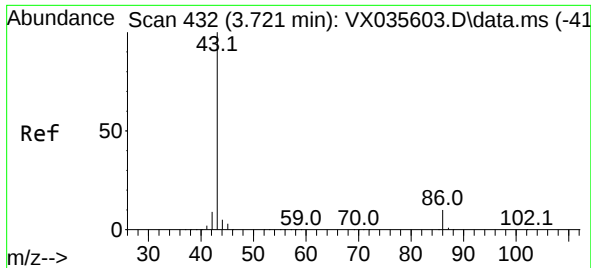
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#22
Diisopropyl ether
Concen: 53.863 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

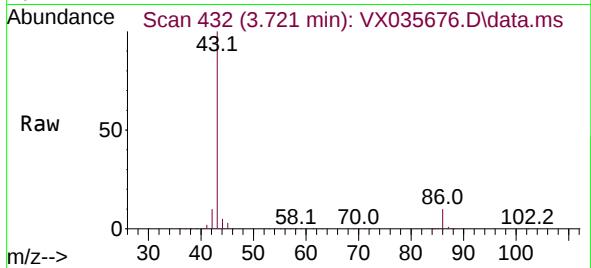
Tgt Ion: 45 Resp: 482541
Ion Ratio Lower Upper
45 100
43 78.4 65.4 98.2
87 25.0 20.6 31.0
59 10.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 281.259 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035676.D
 Acq: 15 May 2023 19:28

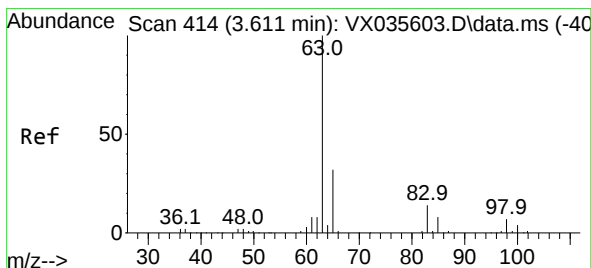
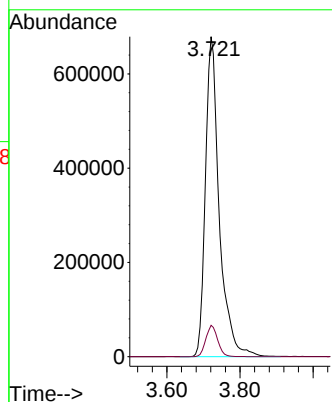
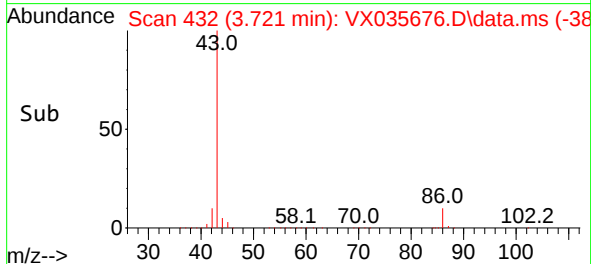
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MSD



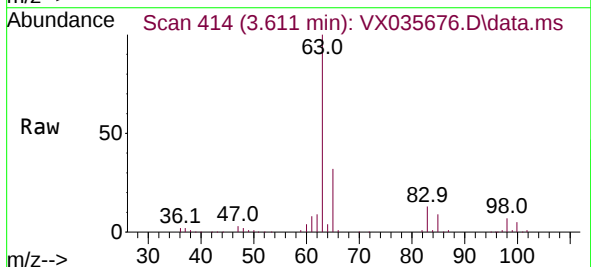
Tgt Ion: 43 Resp: 178285
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
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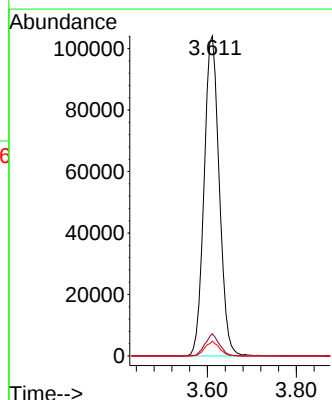
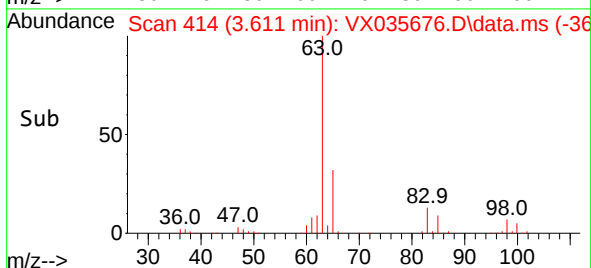
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023

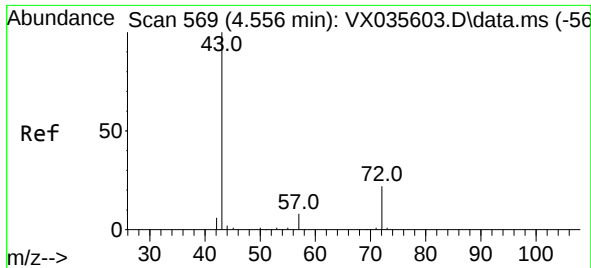


#24
 1,1-Dichloroethane
 Concen: 51.651 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035676.D
 Acq: 15 May 2023 19:28



Tgt Ion: 63 Resp: 247470
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.6 2.4 7.1





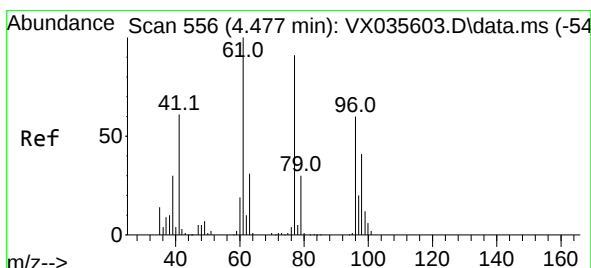
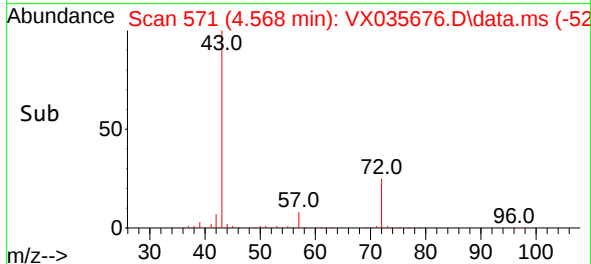
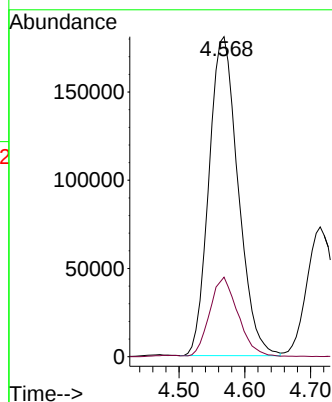
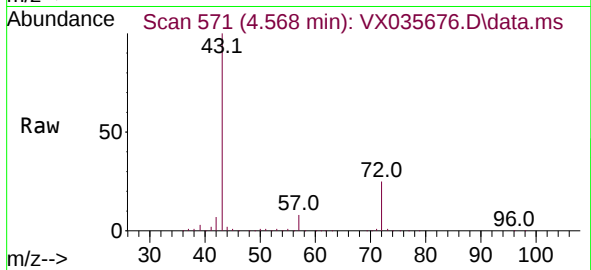
#25
2-Butanone
Concen: 280.319 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion: 43 Resp: 558010
Ion Ratio Lower Upper
43 100
72 24.8 19.3 28.9

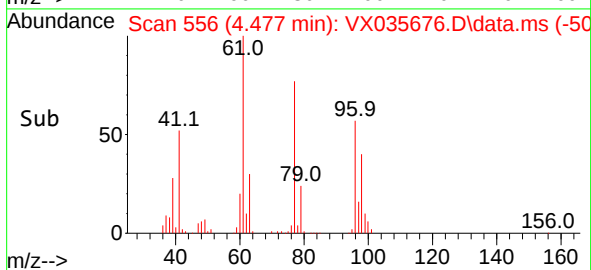
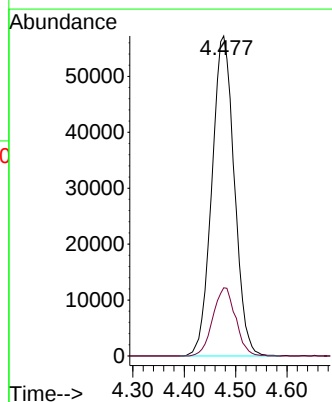
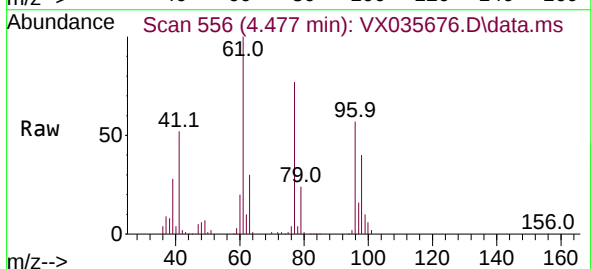
Manual Integrations
APPROVED

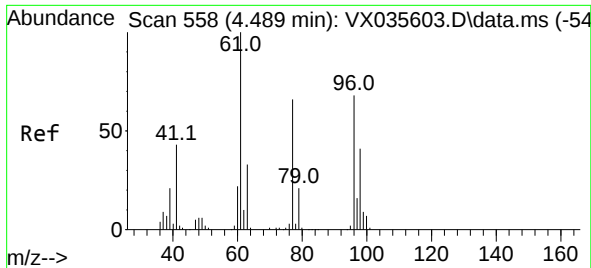
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#26
2,2-Dichloropropane
Concen: 42.747 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 77 Resp: 173440
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.629 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035676.D

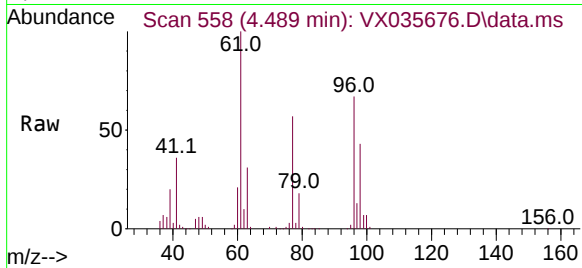
Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD



Tgt Ion: 96 Resp: 145249

Ion Ratio Lower Upper

96 100

61 158.8 0.0 300.4

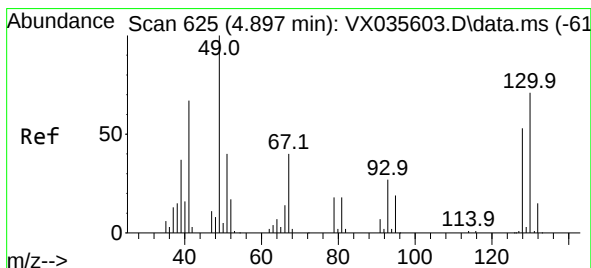
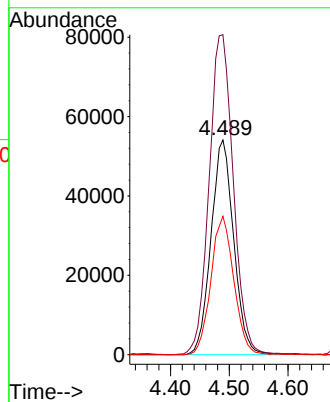
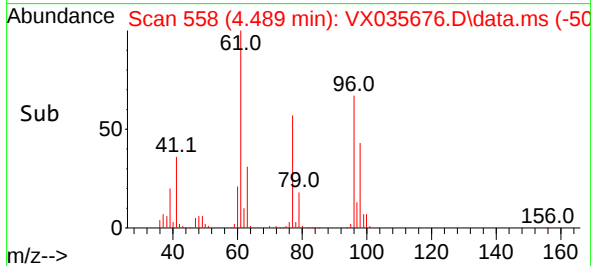
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#28

Bromochloromethane

Concen: 59.170 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

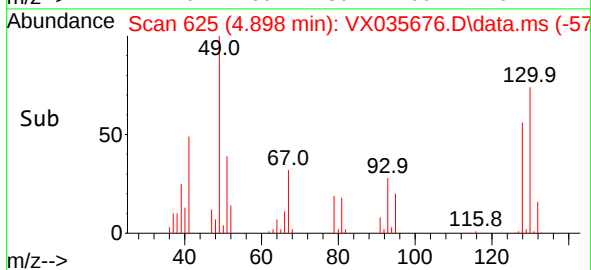
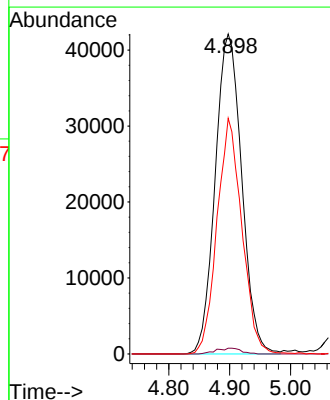
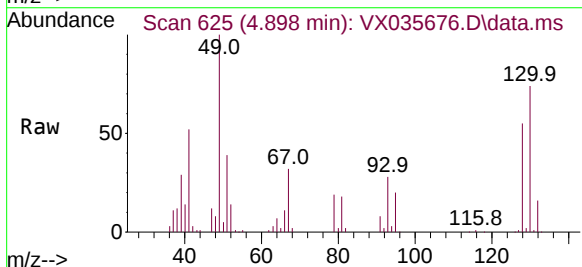
Tgt Ion: 49 Resp: 127515

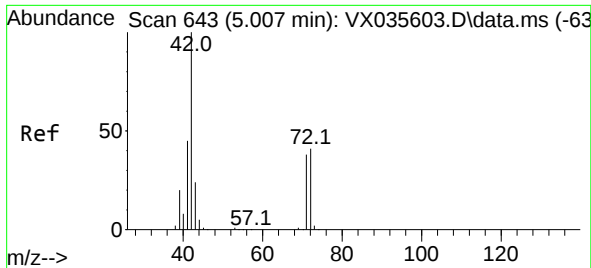
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 68.9 58.2 87.2





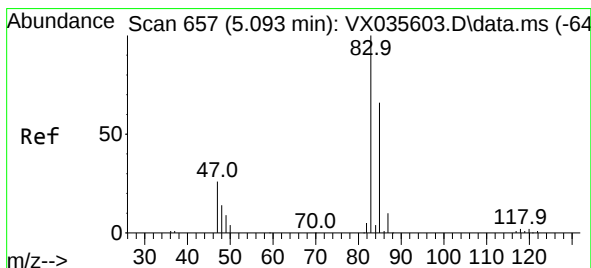
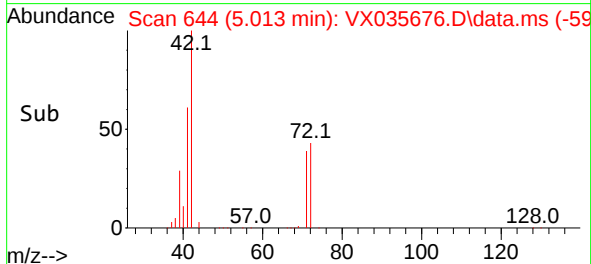
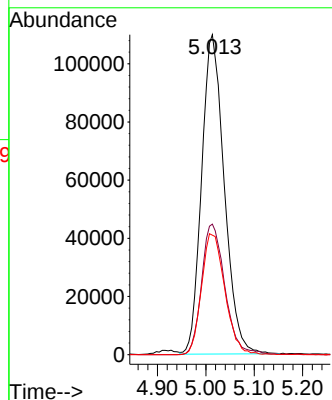
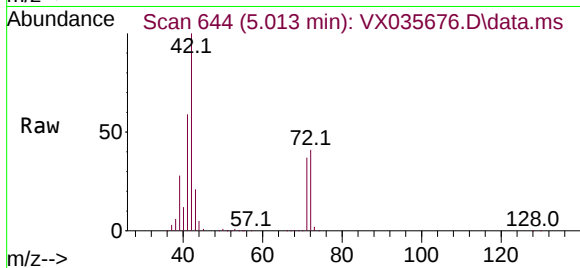
#29
Tetrahydrofuran
Concen: 285.962 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion: 42 Resp: 357789
Ion Ratio Lower Upper
42 100
72 42.0 34.5 51.7
71 38.9 32.1 48.1

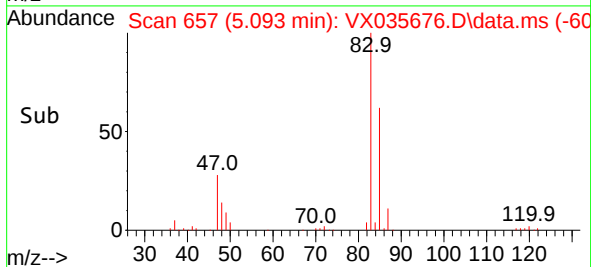
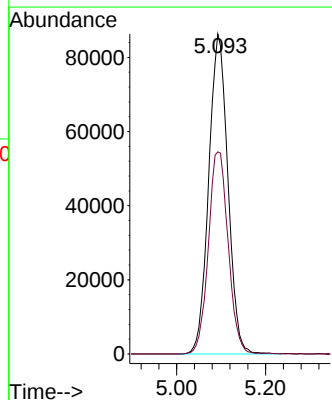
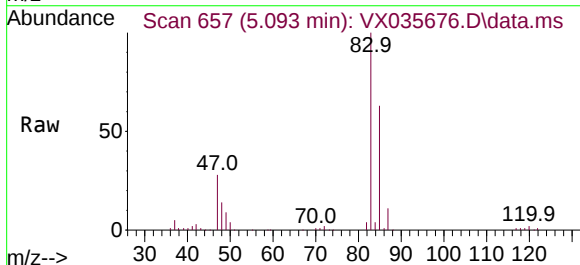
Manual Integrations
APPROVED

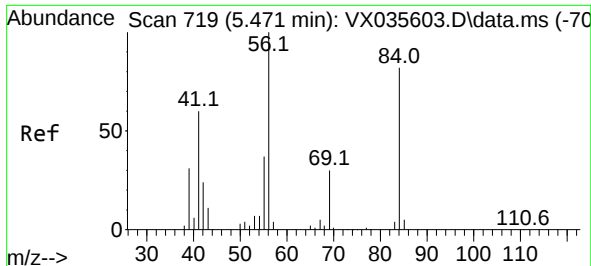
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#30
Chloroform
Concen: 52.671 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

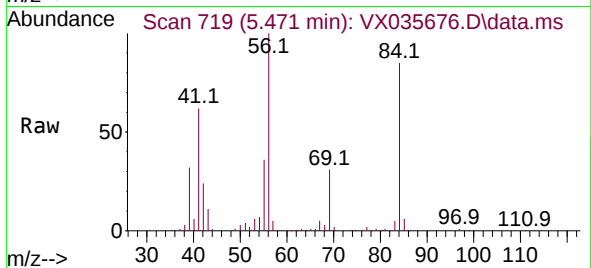
Tgt Ion: 83 Resp: 258597
Ion Ratio Lower Upper
83 100
85 63.2 50.6 76.0





#31
Cyclohexane
Concen: 42.049 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

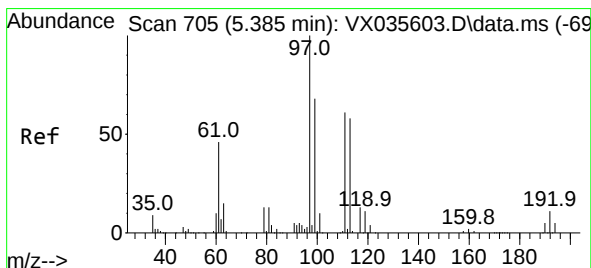
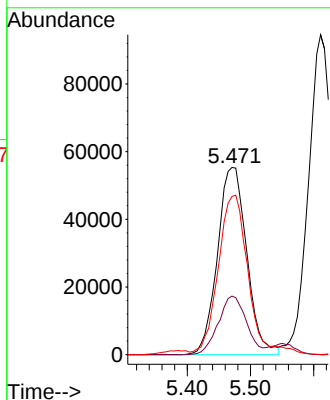
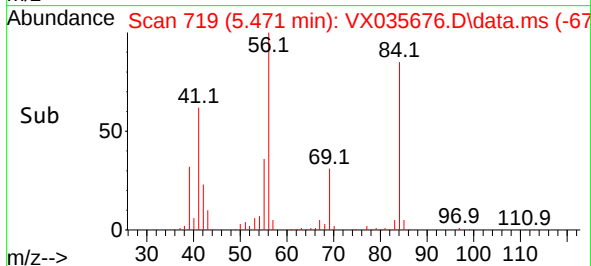
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



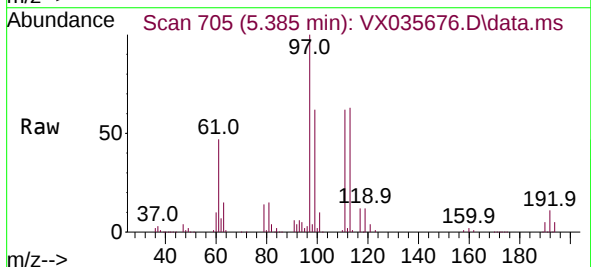
Tgt Ion: 56 Resp: 177749
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 82.3 68.5 102.7

Manual Integrations
APPROVED

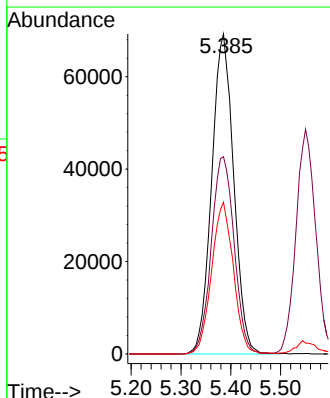
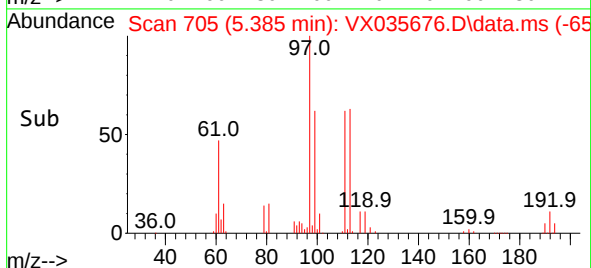
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#32
1,1,1-Trichloroethane
Concen: 49.638 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



Tgt Ion: 97 Resp: 212041
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 54.255 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035676.D

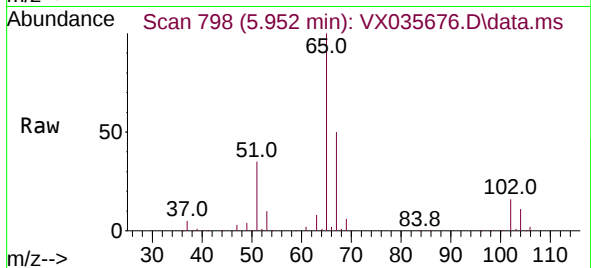
Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD



Tgt Ion: 65 Resp: 181524

Ion Ratio Lower Upper

65 100

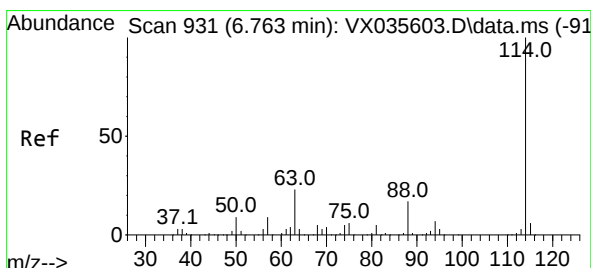
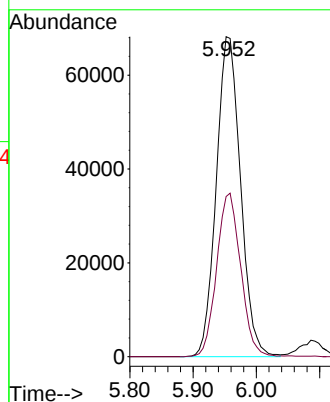
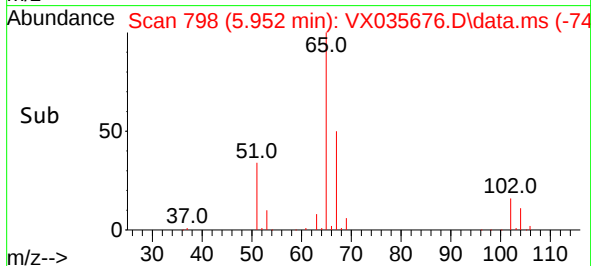
67 50.5 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

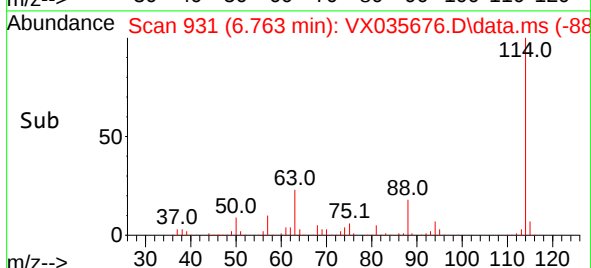
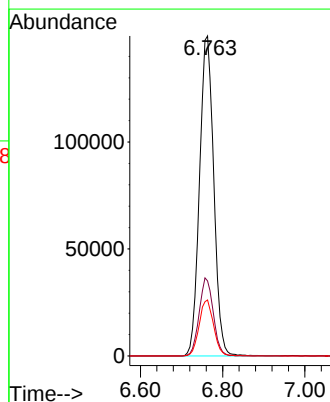
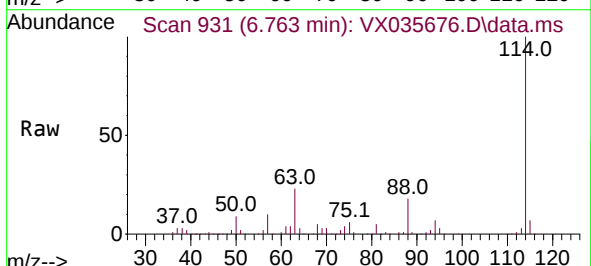
Tgt Ion:114 Resp: 359259

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

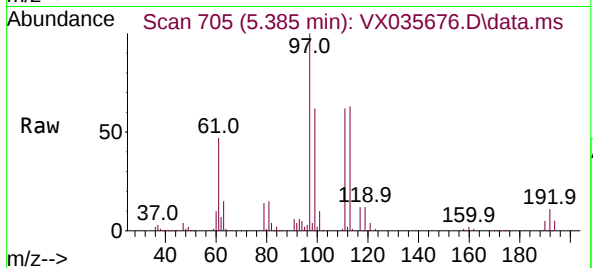
88 17.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

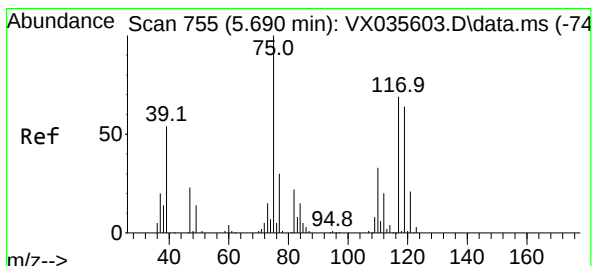
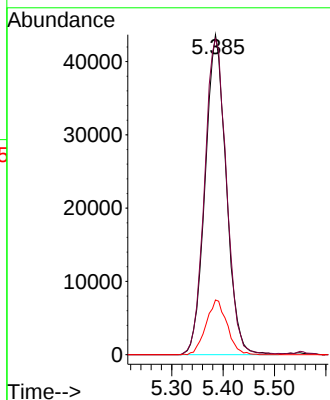
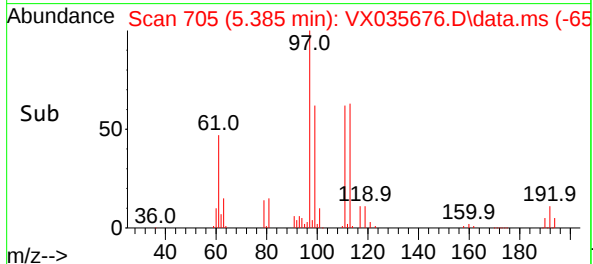
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion: 113 Resp: 12425
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.1 15.4 23.2

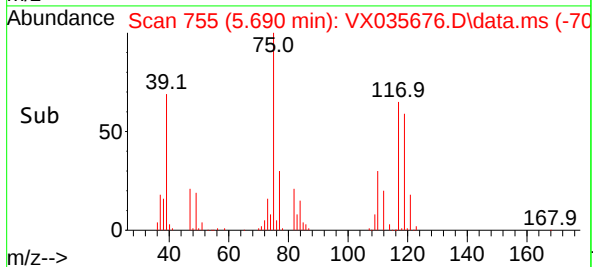
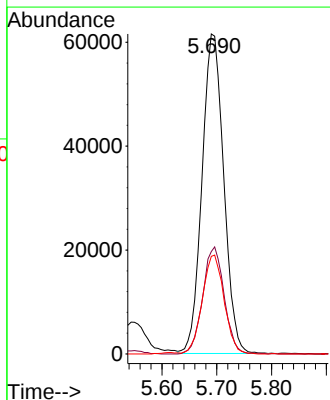
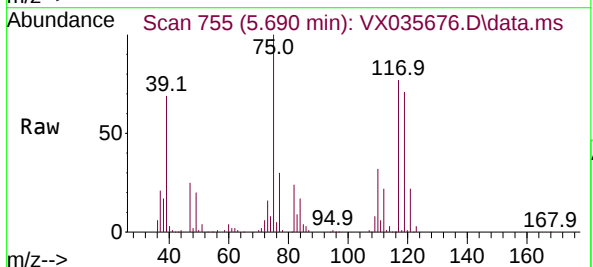
Manual Integrations
APPROVED

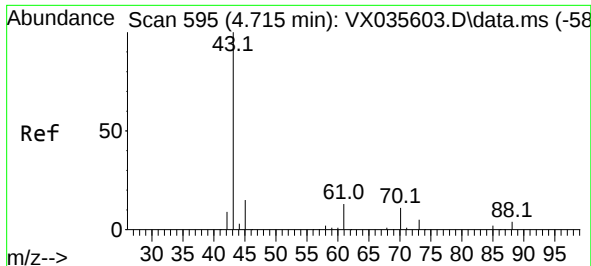
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#36
1,1-Dichloropropene
Concen: 44.241 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

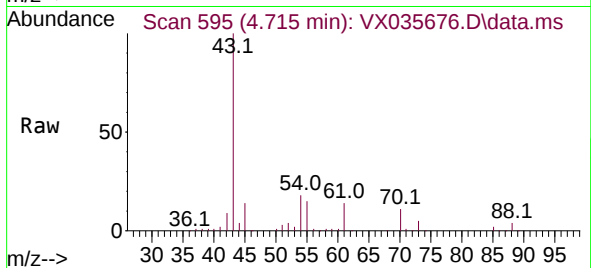
Tgt Ion: 75 Resp: 169192
Ion Ratio Lower Upper
75 100
110 33.1 17.5 52.5
77 31.1 24.3 36.5





#37
Ethyl Acetate
Concen: 55.820 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

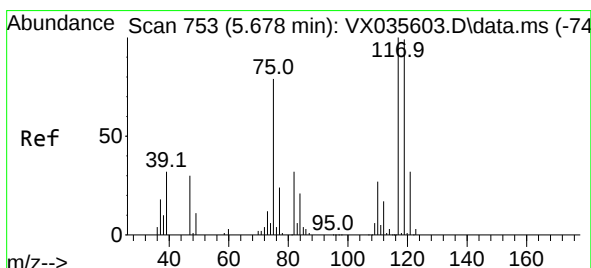
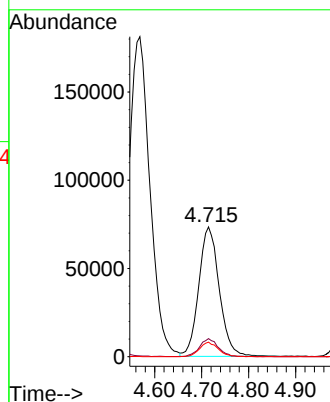
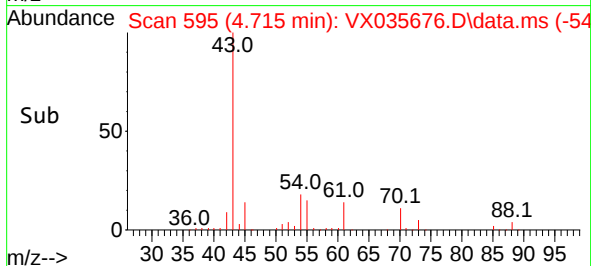
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion: 43 Resp: 222660
Ion Ratio Lower Upper
43 100
61 12.8 10.2 15.4
70 10.3 8.2 12.4

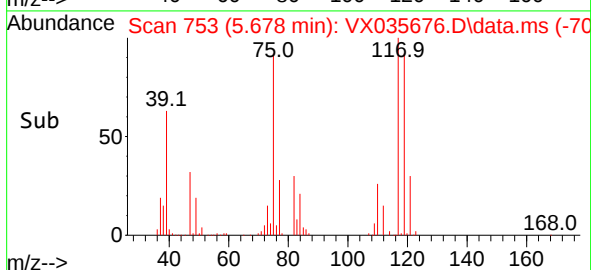
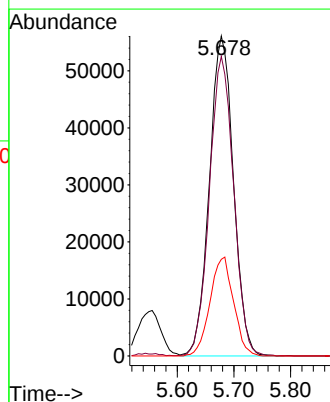
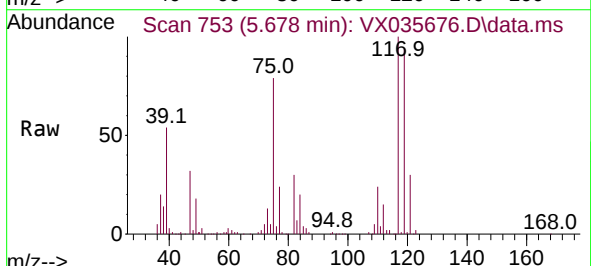
Manual Integrations
APPROVED

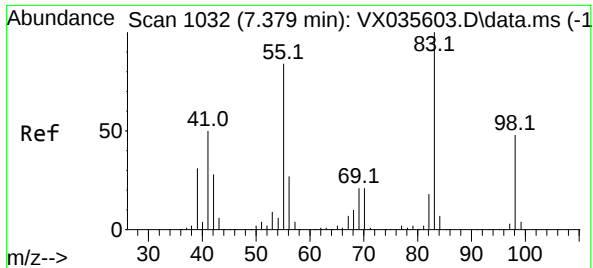
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#38
Carbon Tetrachloride
Concen: 45.604 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

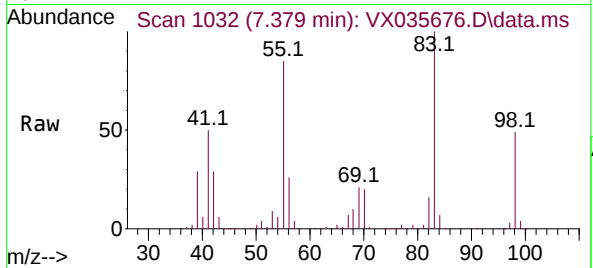
Tgt Ion:117 Resp: 165213
Ion Ratio Lower Upper
117 100
119 93.5 76.6 114.8
121 30.2 23.8 35.6





#39
Methylcyclohexane
Concen: 38.273 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

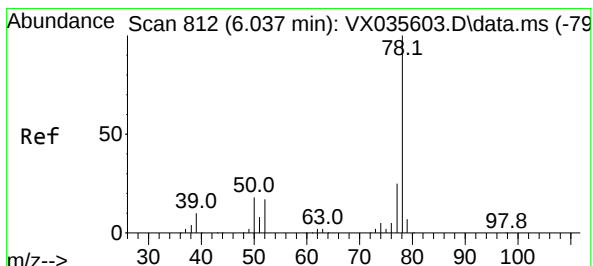
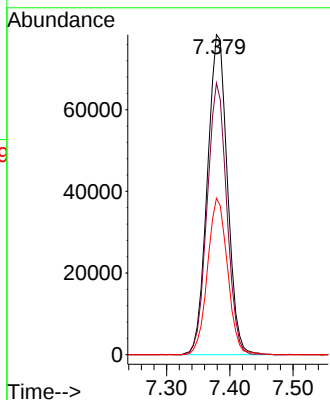
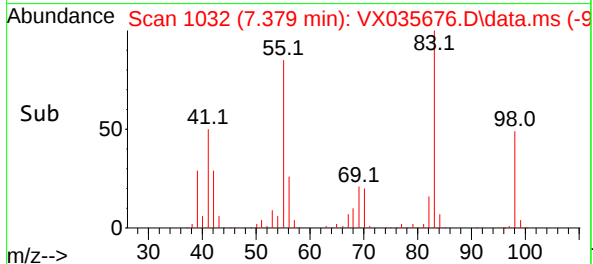
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion: 83 Resp: 172294
Ion Ratio Lower Upper
83 100
55 84.9 60.5 90.7
98 48.9 40.4 60.6

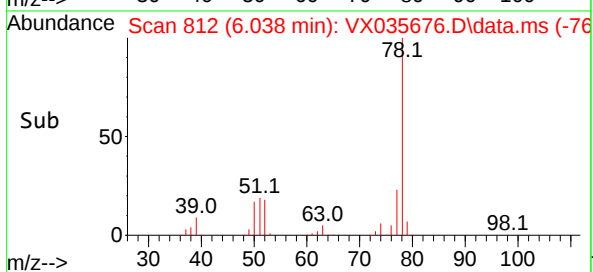
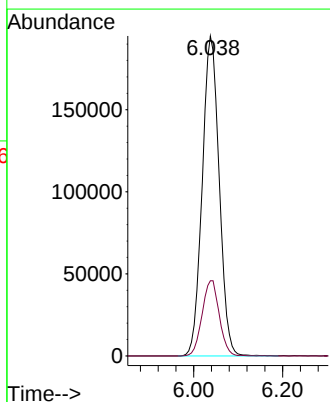
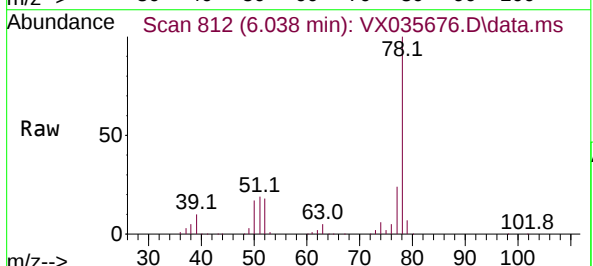
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#40
Benzene
Concen: 48.478 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

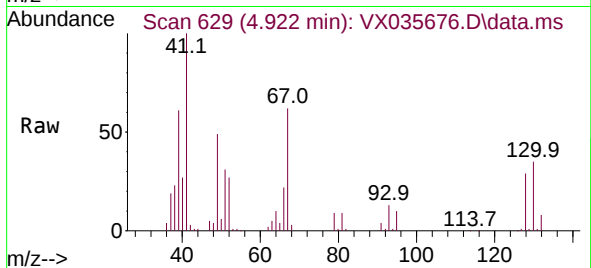
Tgt Ion: 78 Resp: 518651
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 54.108 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

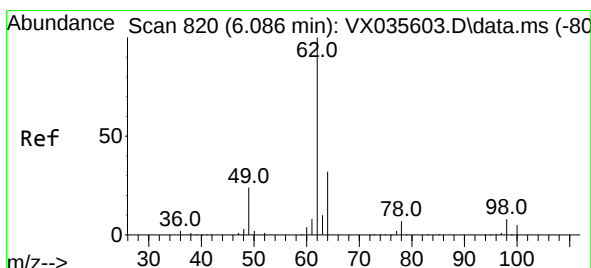
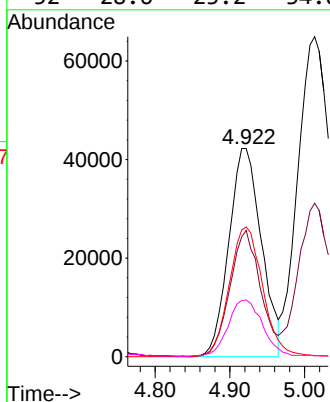
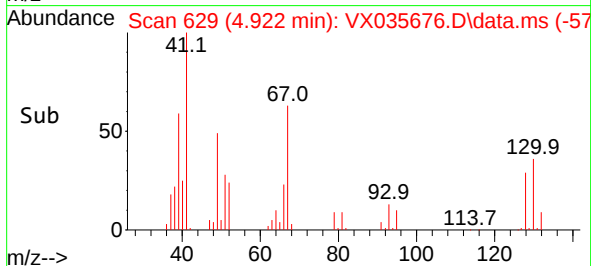
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



Tgt Ion: 41 Resp: 12814
Ion Ratio Lower Upper
41 100
39 57.2 45.0 67.6
67 63.9 55.6 83.4
52 28.6 23.2 34.8

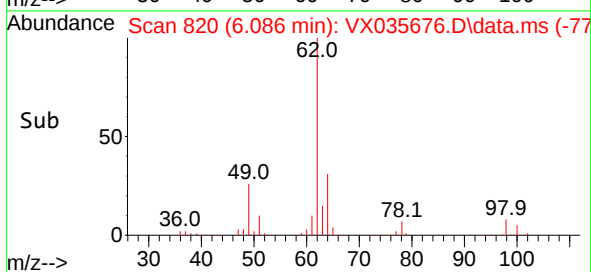
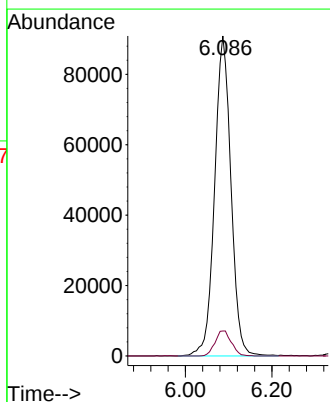
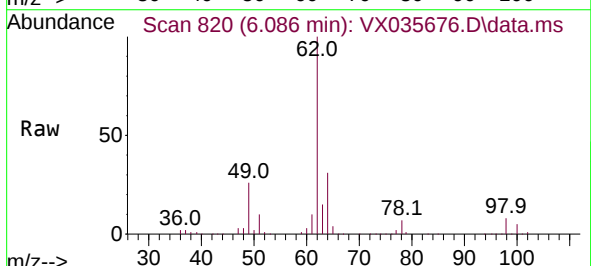
Manual Integrations
APPROVED

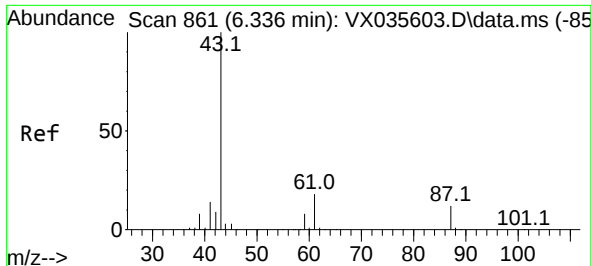
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#42
1,2-Dichloroethane
Concen: 51.868 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 62 Resp: 238709
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 53.859 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 43 Resp: 374630

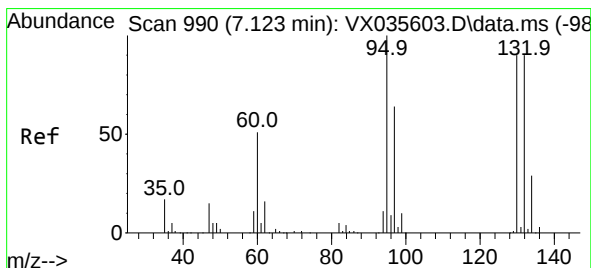
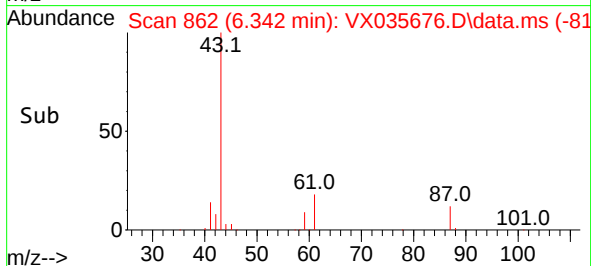
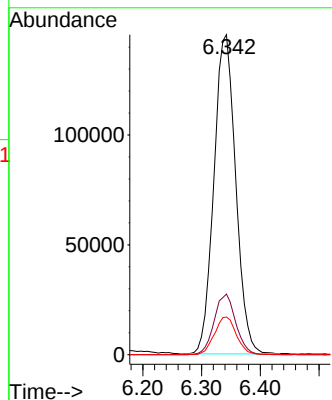
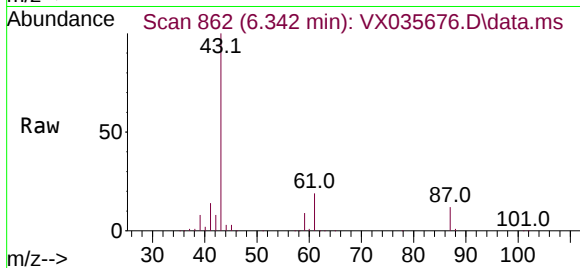
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	11.8	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#44

Trichloroethene

Concen: 187.557 ug/l

RT: 7.123 min Scan# 990

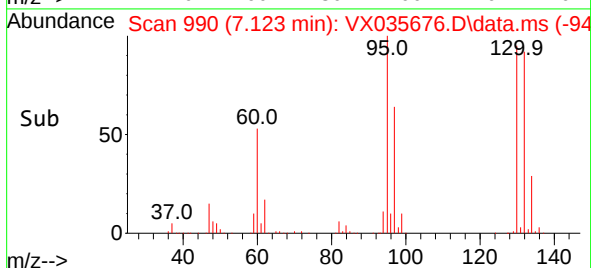
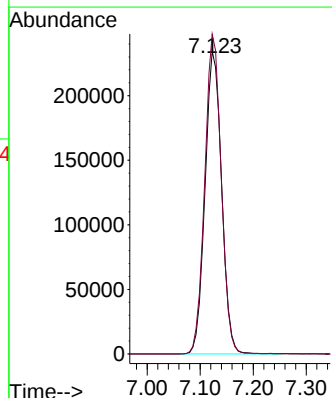
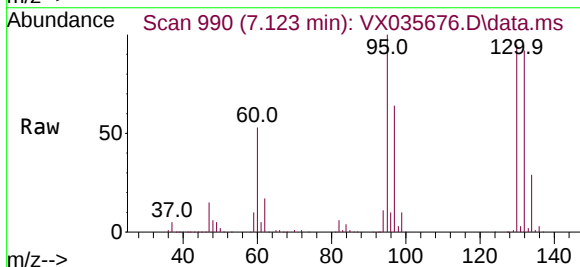
Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Tgt Ion:130 Resp: 508798

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	198.4





#45

1,2-Dichloropropane

Concen: 51.079 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 63 Resp: 14473

Ion Ratio Lower Upper

63 100

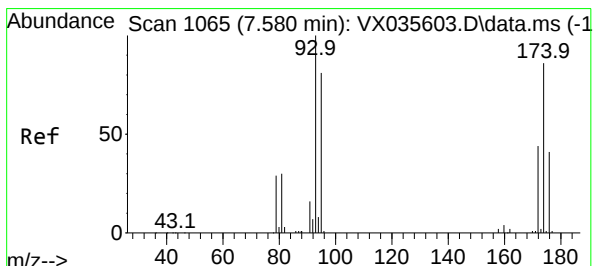
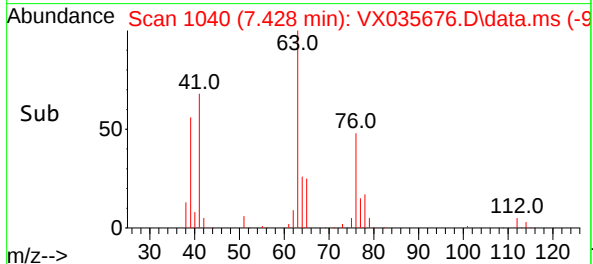
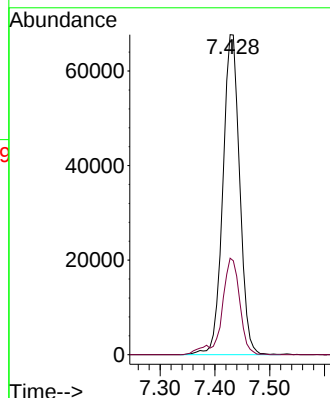
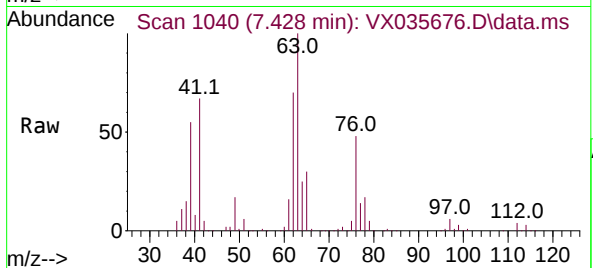
65 30.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#46

Dibromomethane

Concen: 52.494 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

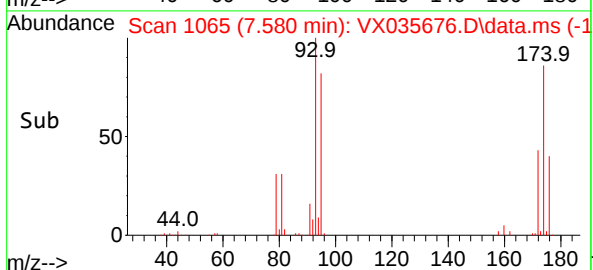
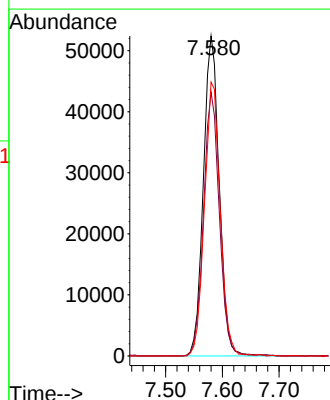
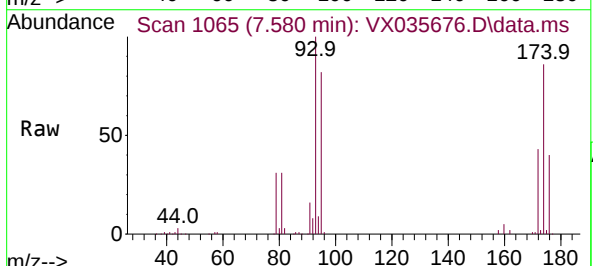
Tgt Ion: 93 Resp: 101815

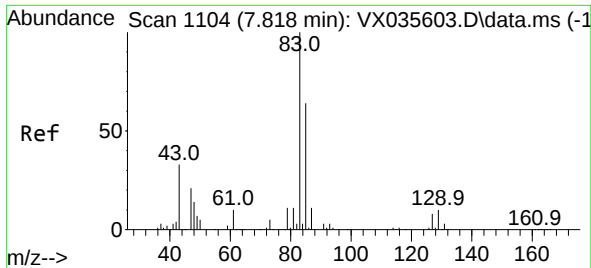
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 85.0 75.4 113.0





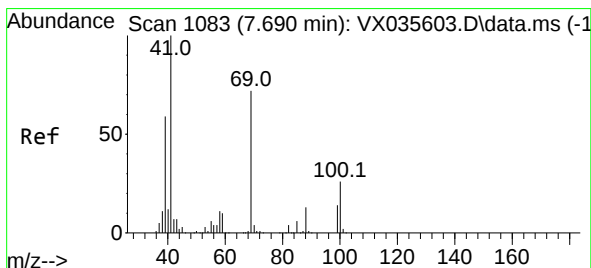
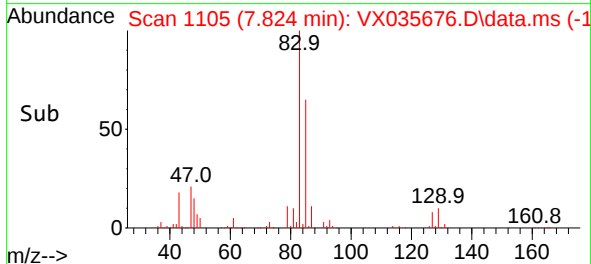
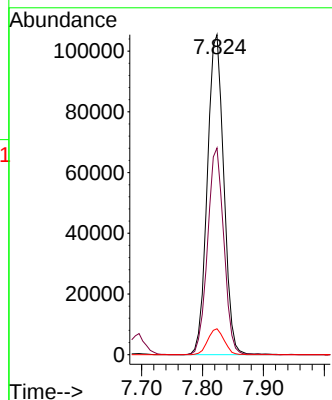
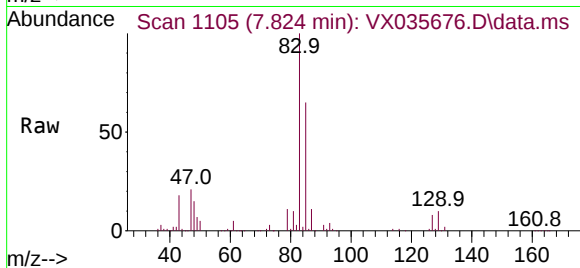
#47
Bromodichloromethane
Concen: 52.749 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion: 83 Resp: 197750
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 8.1 6.6 9.8

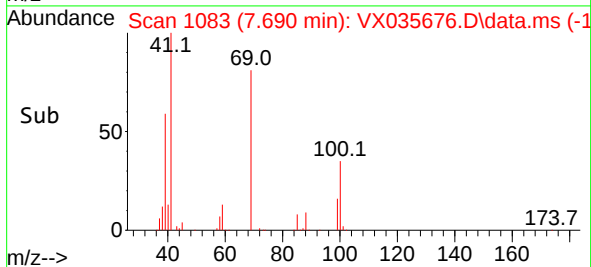
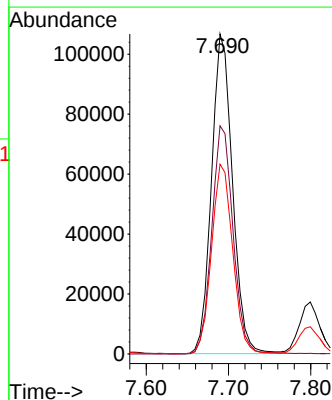
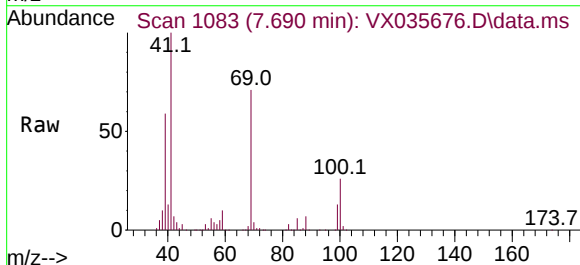
Manual Integrations
APPROVED

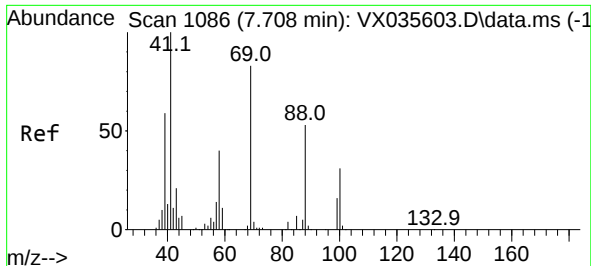
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#48
Methyl methacrylate
Concen: 55.144 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 41 Resp: 189295
Ion Ratio Lower Upper
41 100
69 72.6 62.2 93.4
39 60.2 47.7 71.5





#49

1,4-Dioxane

Concen: 865.136 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 88 Resp: 6086

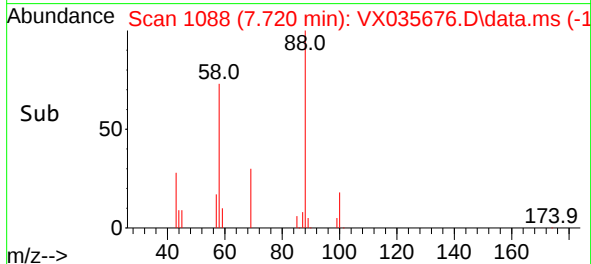
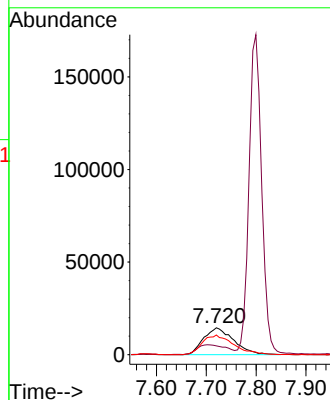
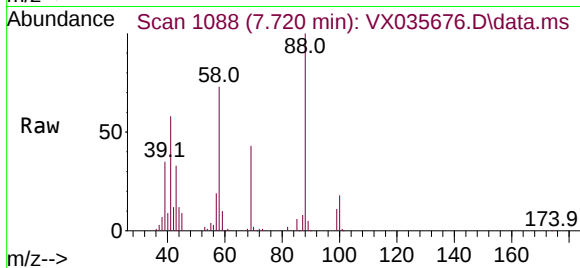
Ion	Ratio	Lower	Upper
88	100		
43	35.5	27.7	41.5
58	75.9	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#50

Toluene-d8

Concen: 48.917 ug/l

RT: 8.647 min Scan# 1240

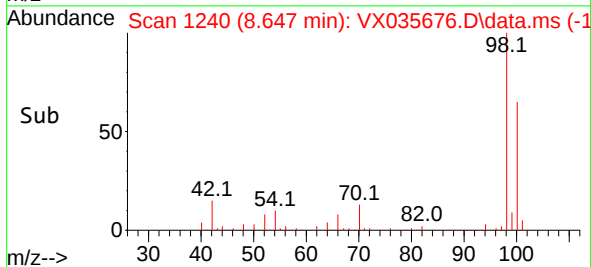
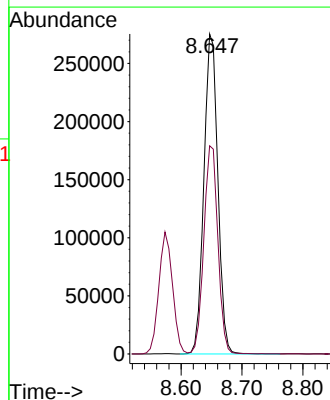
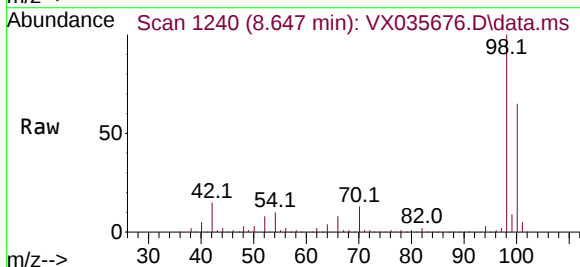
Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Tgt Ion: 98 Resp: 437834

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





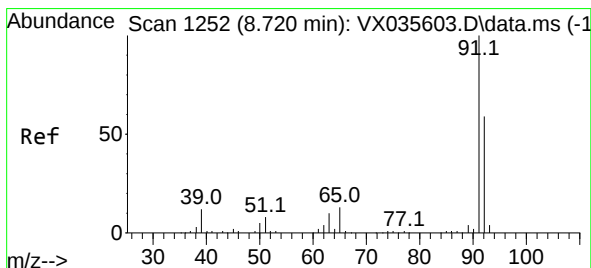
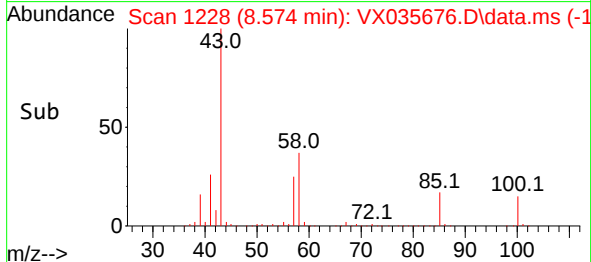
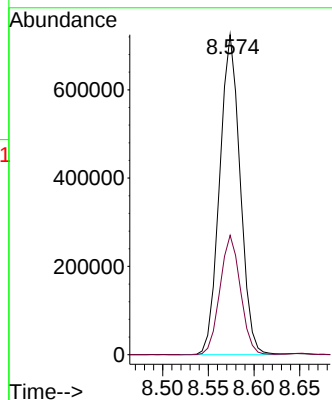
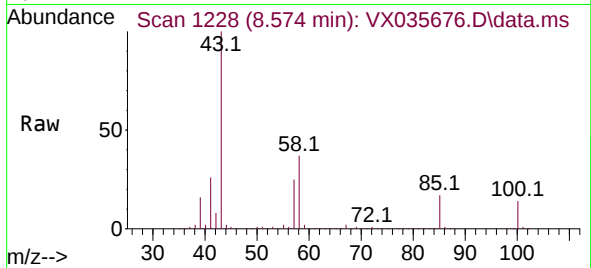
#51
4-Methyl-2-Pentanone
Concen: 282.272 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD

Tgt Ion: 43 Resp: 1131138
Ion Ratio Lower Upper
43 100
58 37.2 30.6 46.0

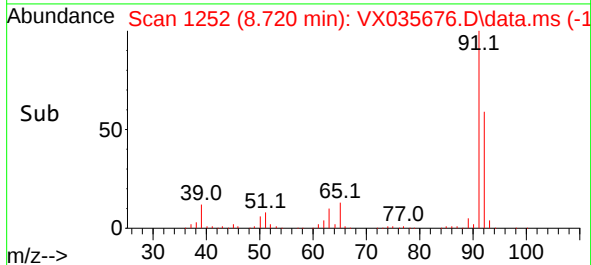
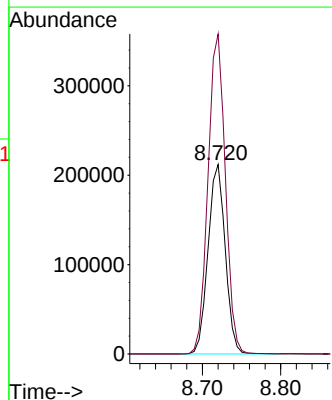
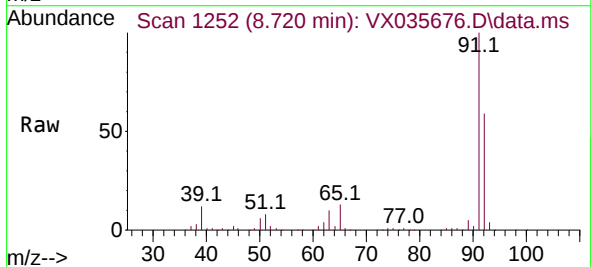
Manual Integrations
APPROVED

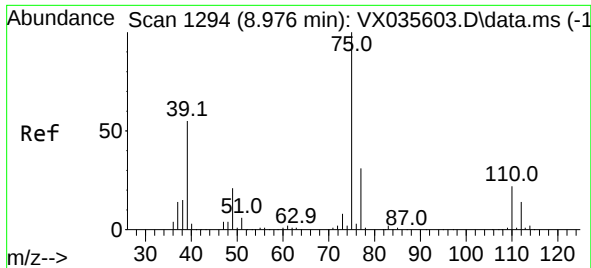
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#52
Toluene
Concen: 47.791 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 92 Resp: 322756
Ion Ratio Lower Upper
92 100
91 170.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 52.915 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 75 Resp: 215519

Ion Ratio Lower Upper

75 100

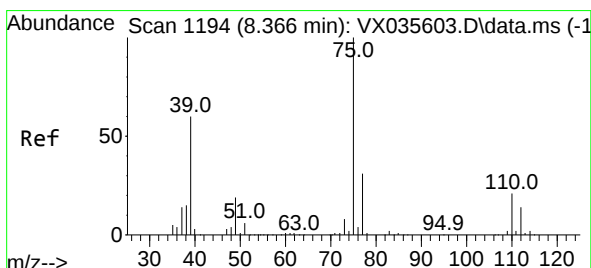
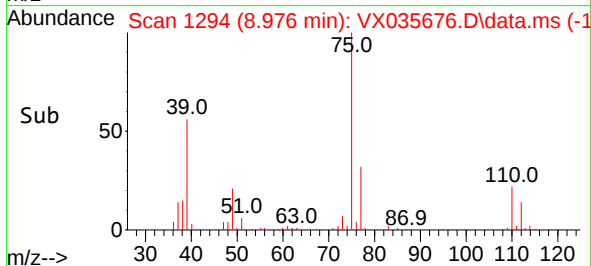
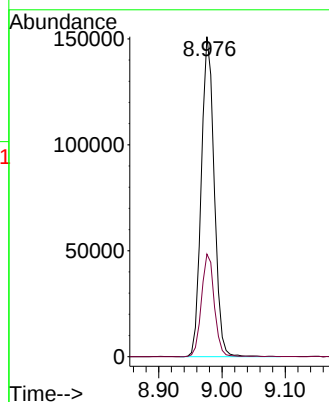
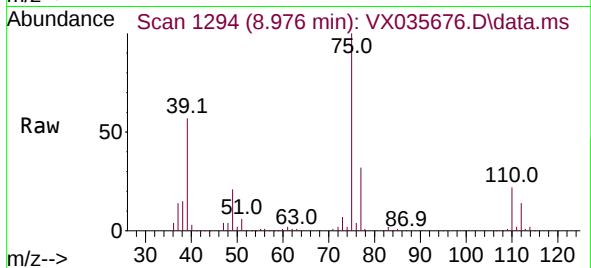
77 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#54

cis-1,3-Dichloropropene

Concen: 52.123 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

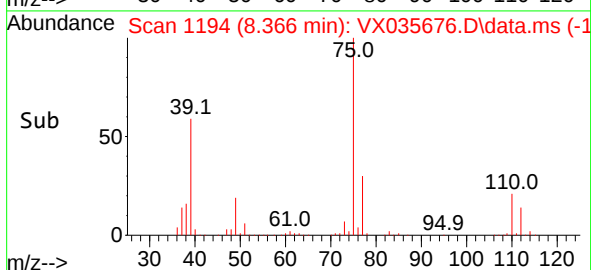
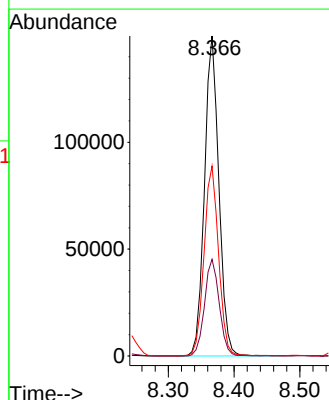
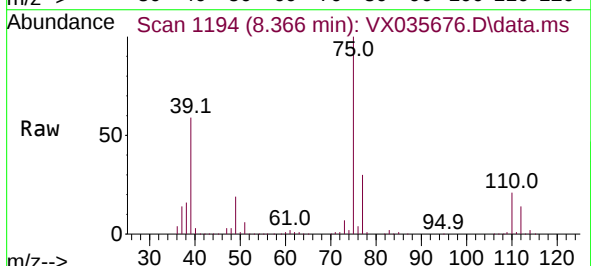
Tgt Ion: 75 Resp: 227455

Ion Ratio Lower Upper

75 100

77 30.2 25.0 37.4

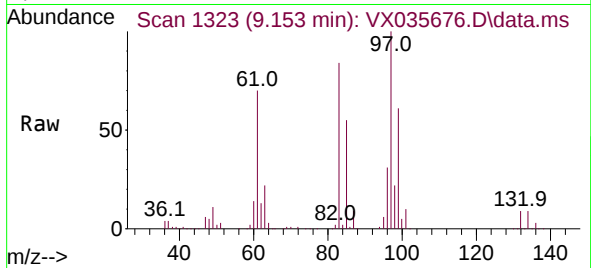
39 59.3 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 53.118 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

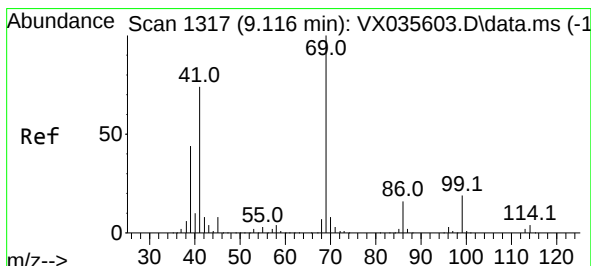
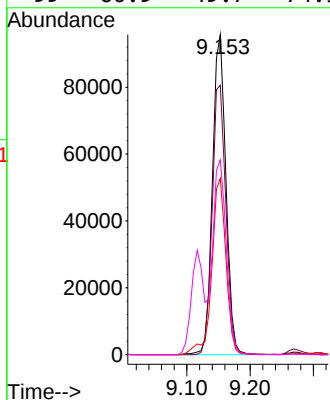
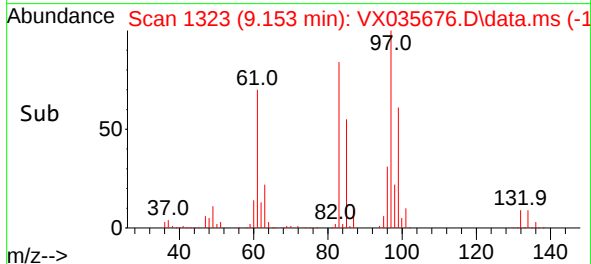
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.7	104.5
85	55.0	43.7	65.5
99	60.9	49.7	74.5

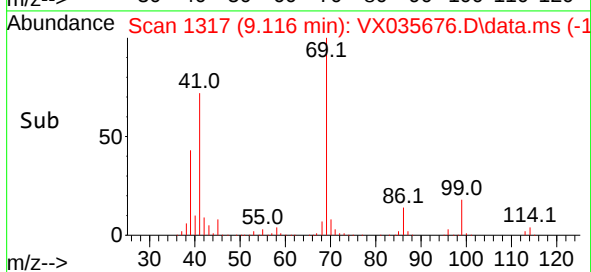
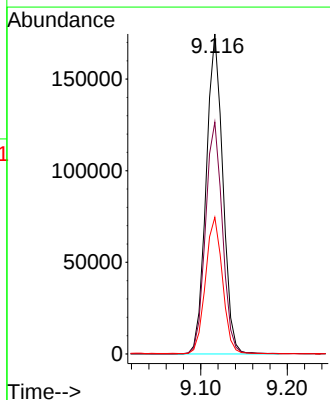
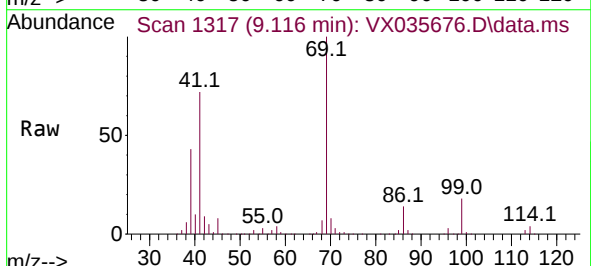
Manual Integrations
APPROVED

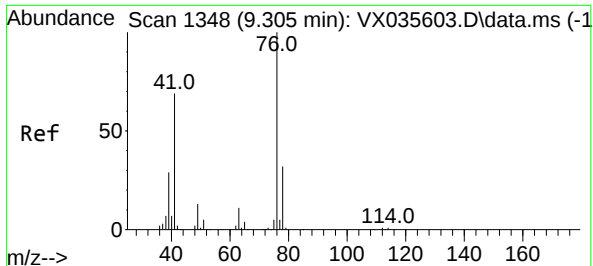
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#56
Ethyl methacrylate
Concen: 54.352 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.7	57.4	86.0
39	43.4	33.7	50.5





#57

1,3-Dichloropropane

Concen: 52.172 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 76 Resp: 25087

Ion Ratio Lower Upper

76 100

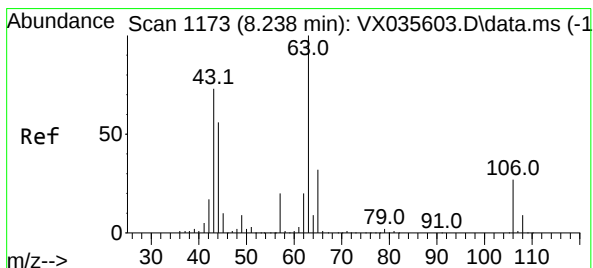
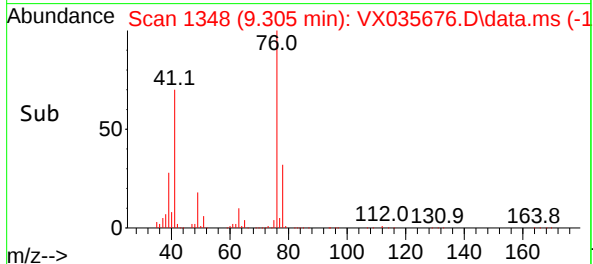
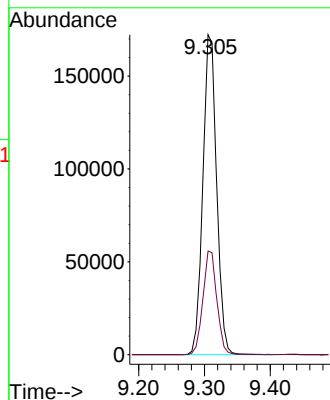
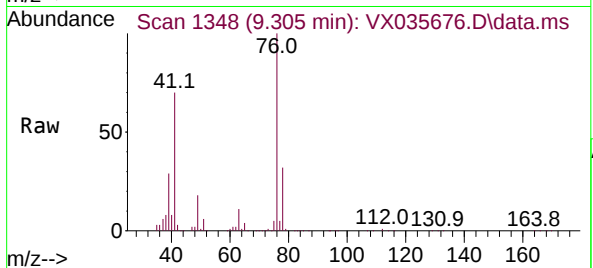
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#58

2-Chloroethyl Vinyl ether

Concen: 281.585 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035676.D

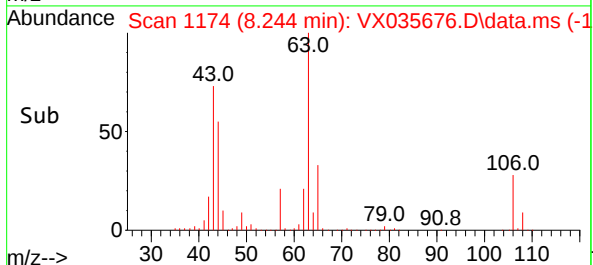
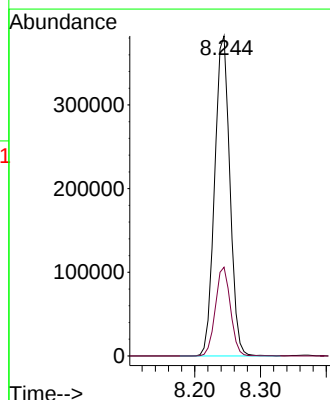
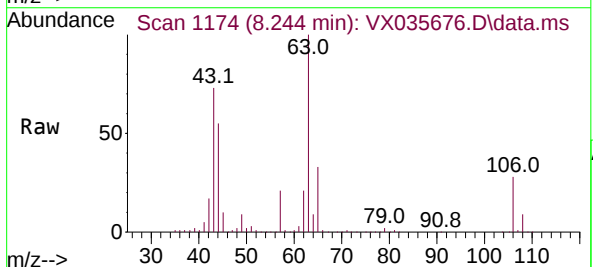
Acq: 15 May 2023 19:28

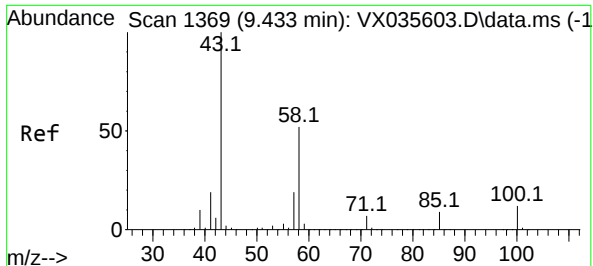
Tgt Ion: 63 Resp: 615318

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2





#59

2-Hexanone

Concen: 282.622 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

Tgt Ion: 43 Resp: 85291

Ion Ratio Lower Upper

43 100

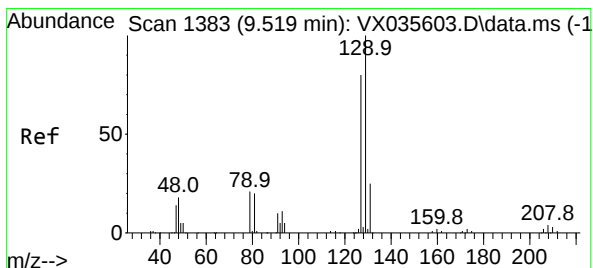
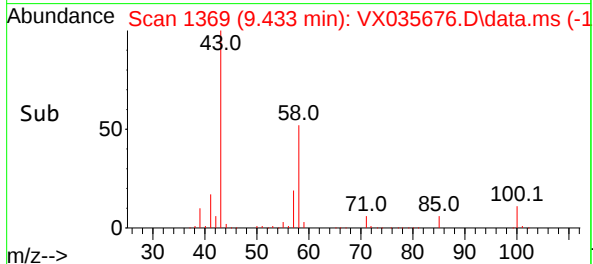
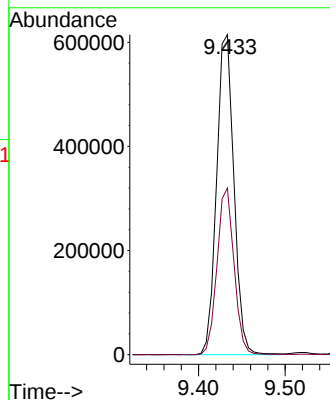
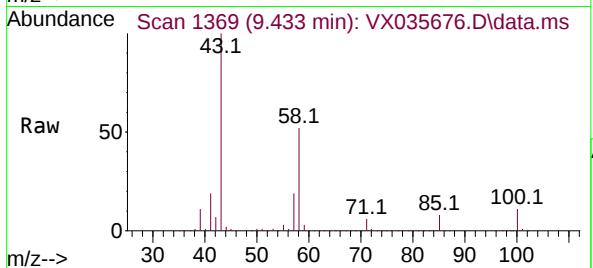
58 51.3 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#60

Dibromochloromethane

Concen: 54.352 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035676.D

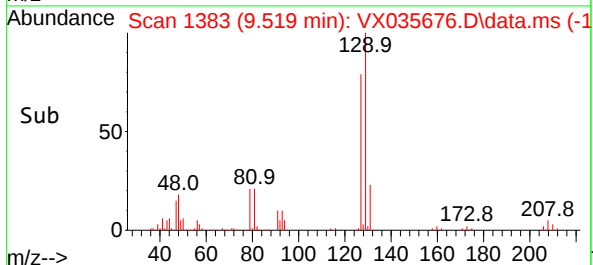
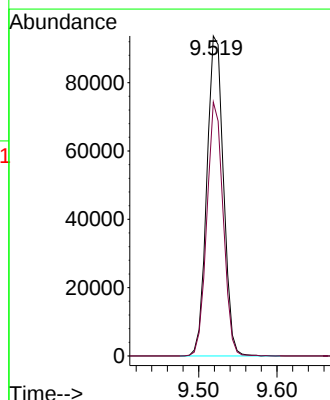
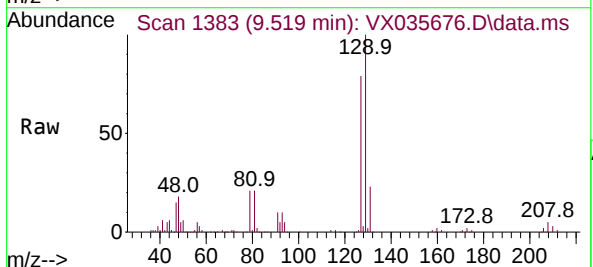
Acq: 15 May 2023 19:28

Tgt Ion:129 Resp: 137424

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0





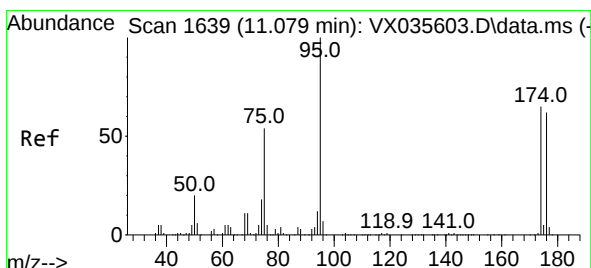
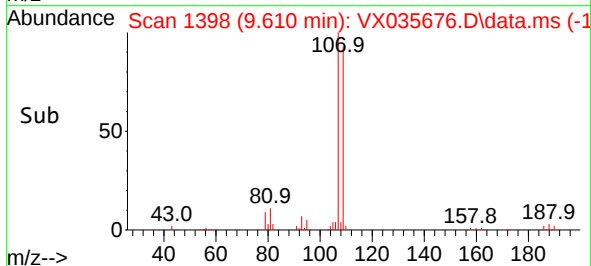
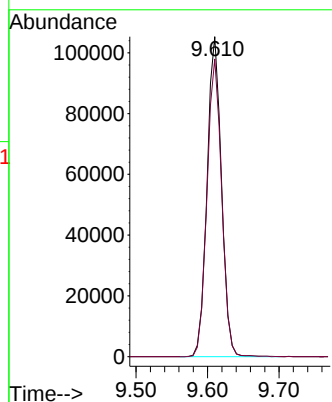
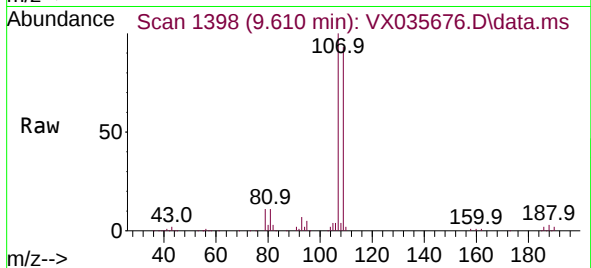
#61
1,2-Dibromoethane
Concen: 52.655 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion:107 Resp: 147152
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9

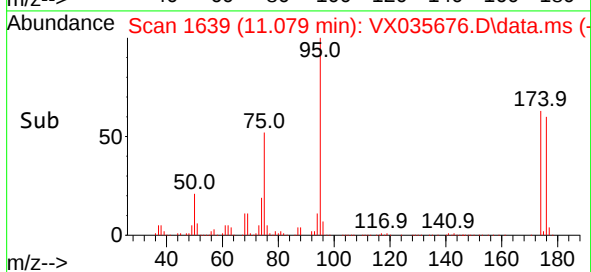
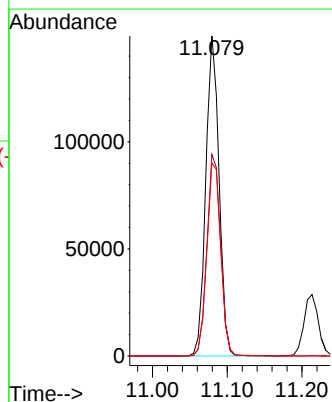
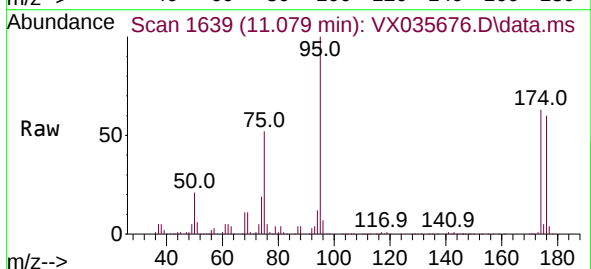
Manual Integrations
APPROVED

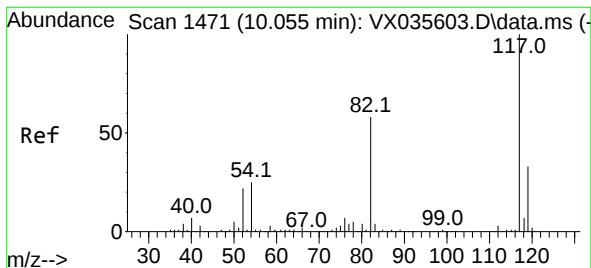
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

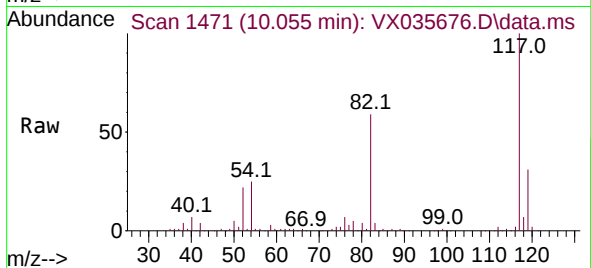
Tgt Ion: 95 Resp: 183715
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 63.2 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

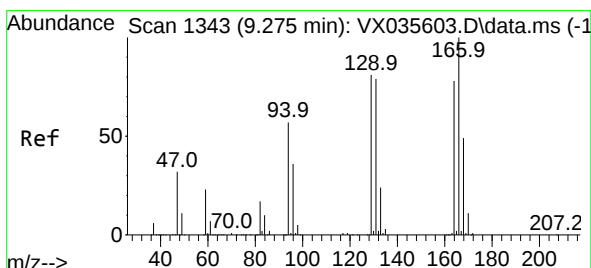
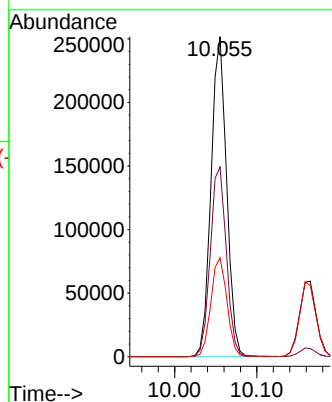
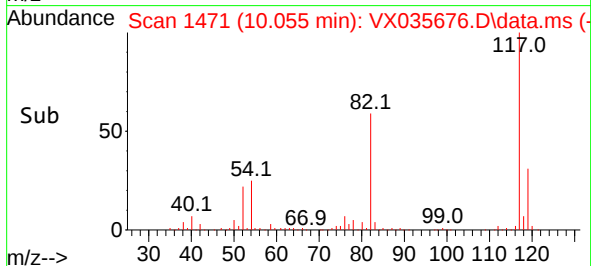
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion:117 Resp: 330812
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.4
119 30.9 26.0 39.0

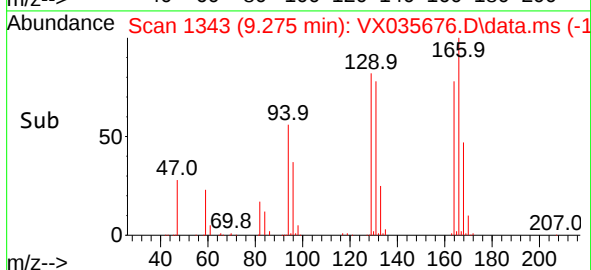
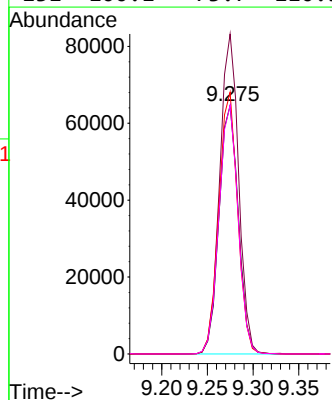
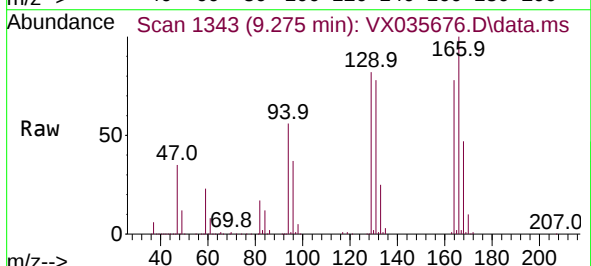
Manual Integrations
APPROVED

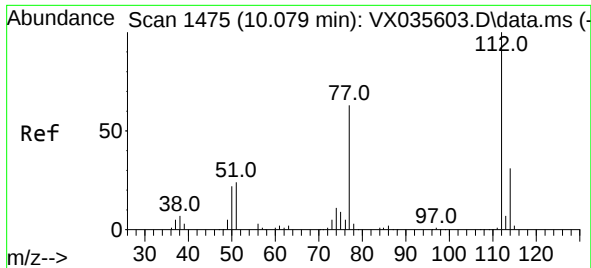
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#64
Tetrachloroethene
Concen: 42.513 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

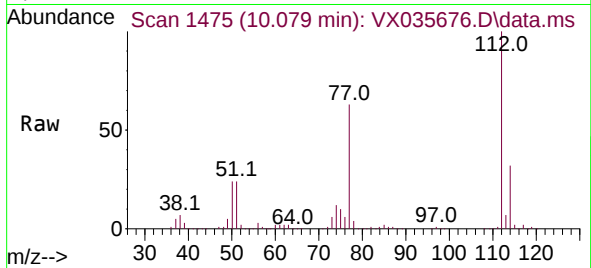
Tgt Ion:164 Resp: 94683
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 105.4 75.6 113.4
131 100.1 73.7 110.5





#65
Chlorobenzene
Concen: 47.481 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

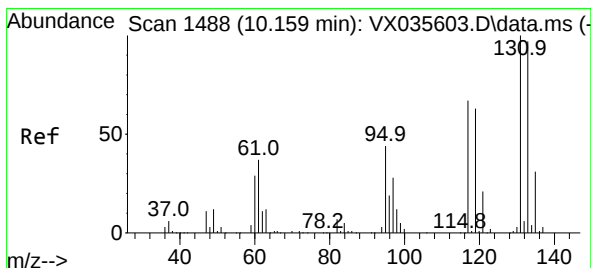
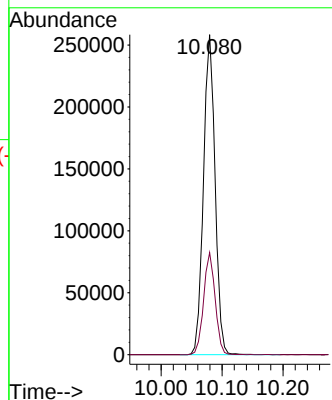
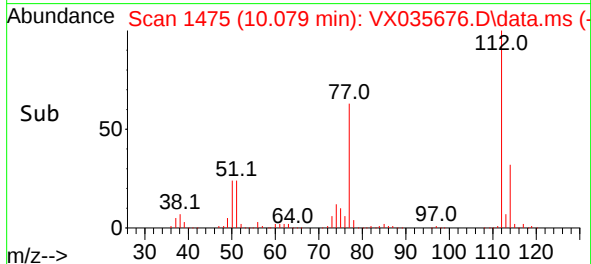
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



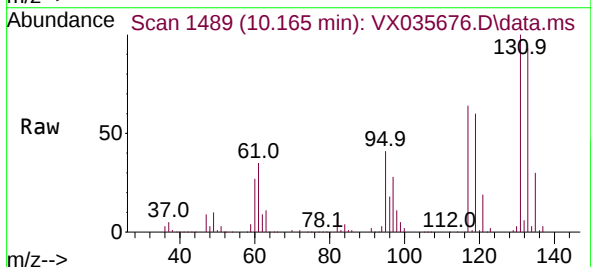
Tgt Ion:112 Resp: 342872
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

Manual Integrations
APPROVED

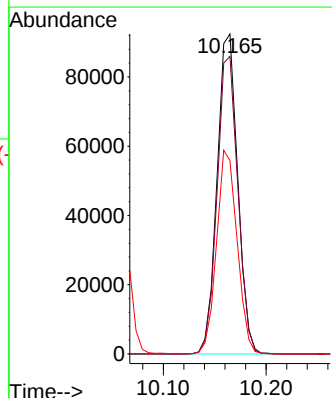
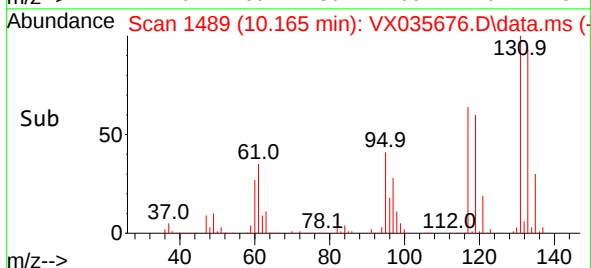
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

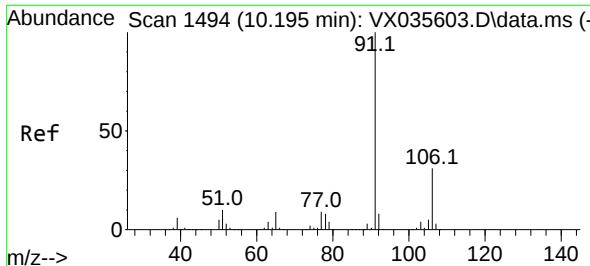


#66
1,1,1,2-Tetrachloroethane
Concen: 50.333 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



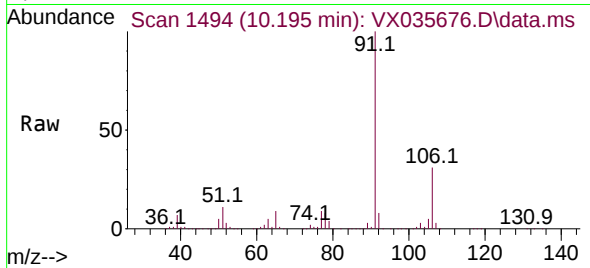
Tgt Ion:131 Resp: 128519
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.4
119 63.6 32.6 98.0





#67
Ethyl Benzene
Concen: 46.230 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

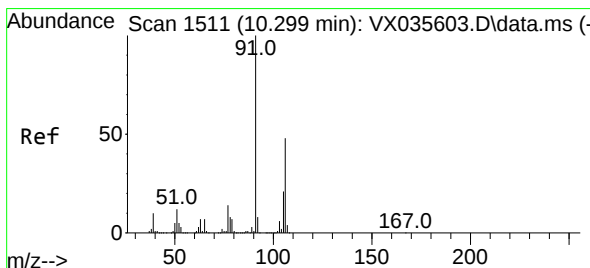
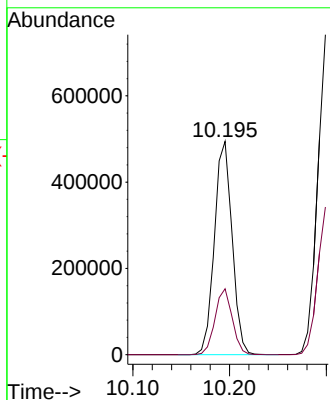
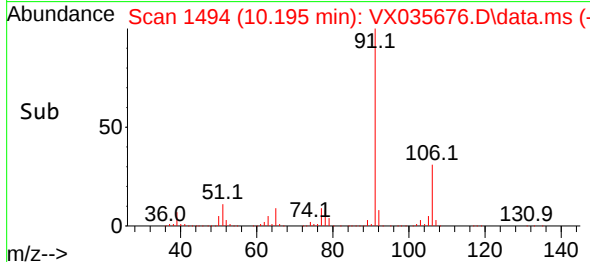
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



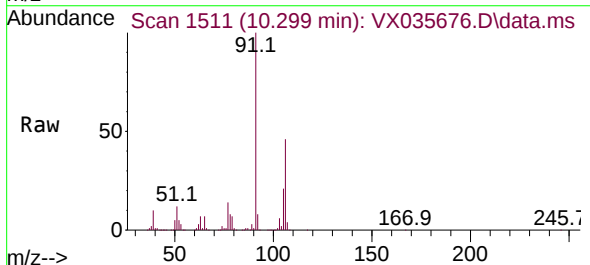
Tgt Ion: 91 Resp: 62786
Ion Ratio Lower Upper
91 100
106 30.9 25.6 38.4

Manual Integrations
APPROVED

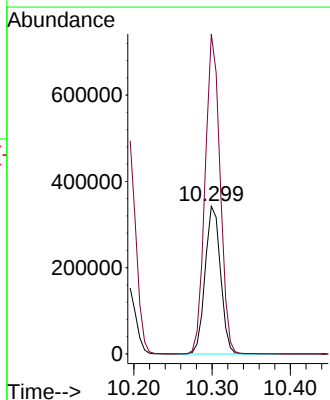
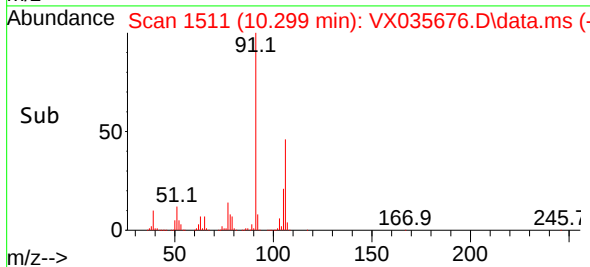
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

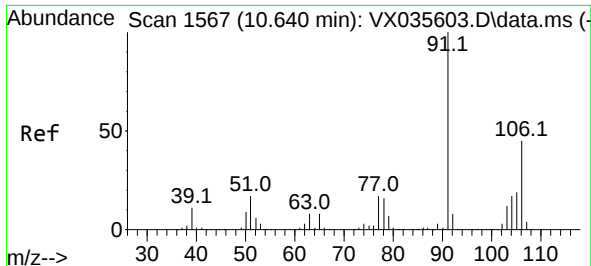


#68
m/p-Xylenes
Concen: 92.718 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



Tgt Ion:106 Resp: 465454
Ion Ratio Lower Upper
106 100
91 211.5 164.0 246.0





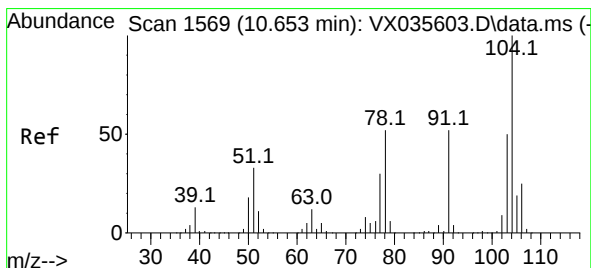
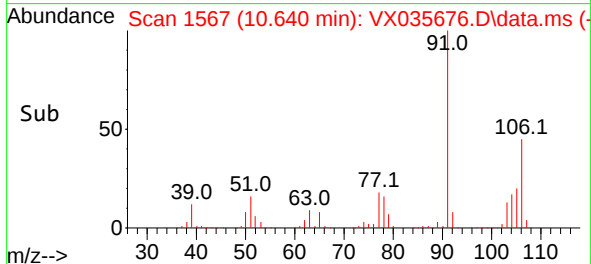
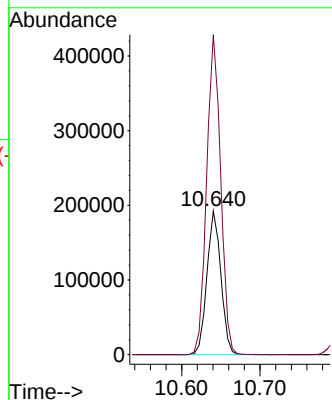
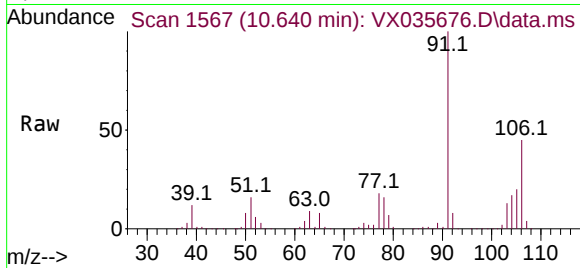
#69
o-Xylene
Concen: 47.670 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion:106 Resp: 237470
Ion Ratio Lower Upper
106 100
91 223.8 108.5 325.3

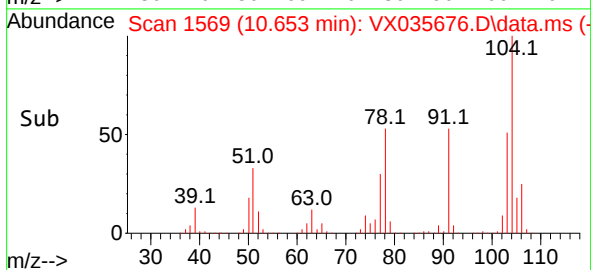
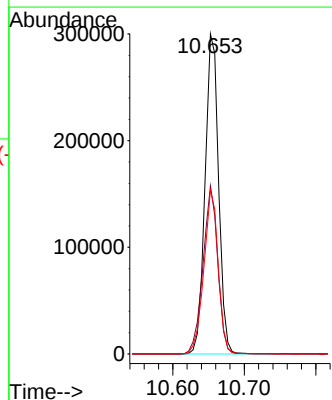
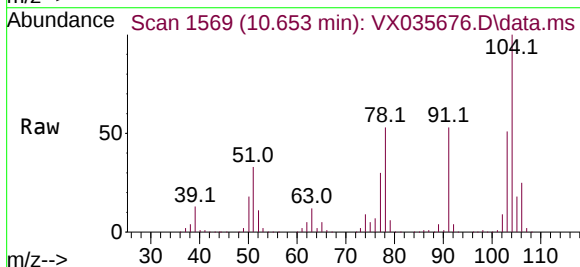
Manual Integrations
APPROVED

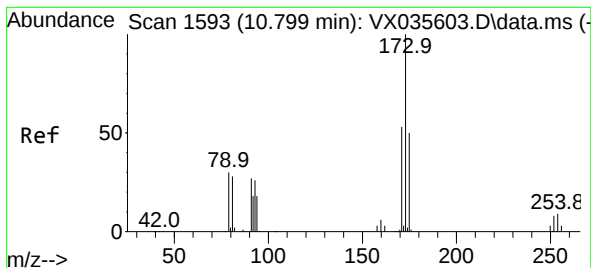
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#70
Styrene
Concen: 49.163 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion:104 Resp: 394704
Ion Ratio Lower Upper
104 100
78 57.1 43.4 65.2
103 54.4 44.2 66.2





#71

Bromoform

Concen: 53.884 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035676.D

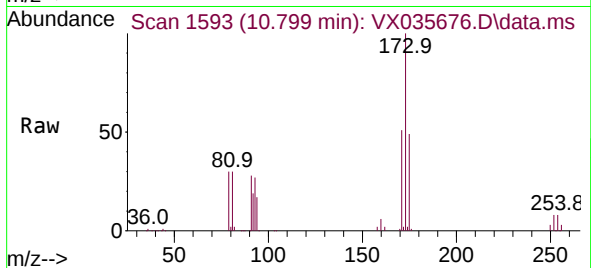
Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD



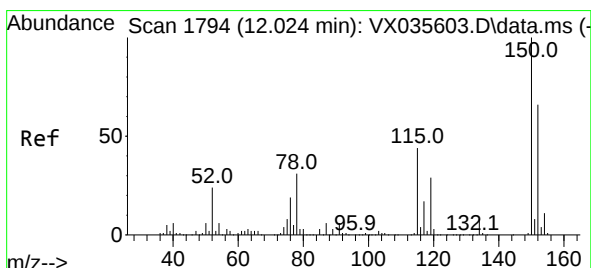
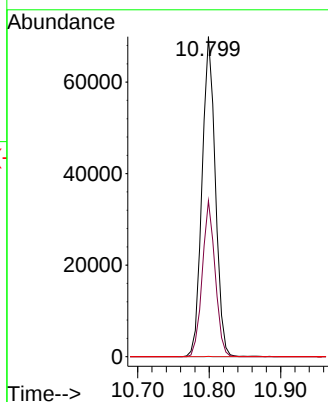
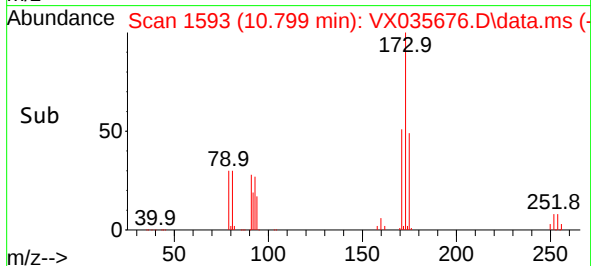
Tgt Ion:	173	Resp:	9052
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.1	72.4
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

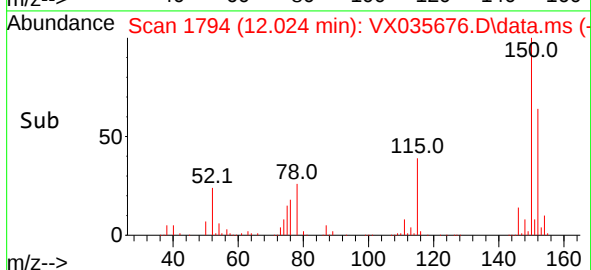
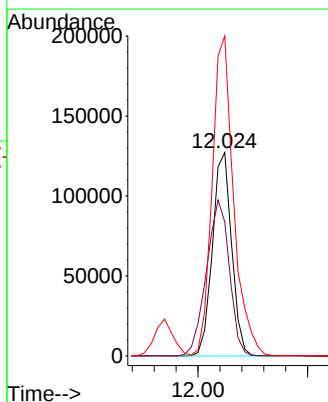
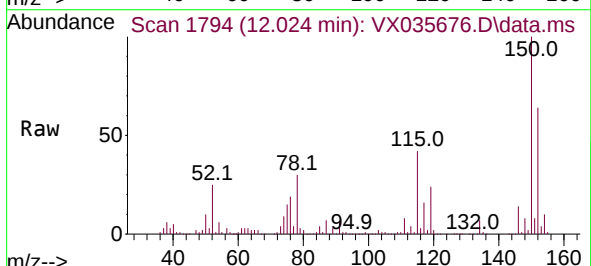
RT: 12.024 min Scan# 1794

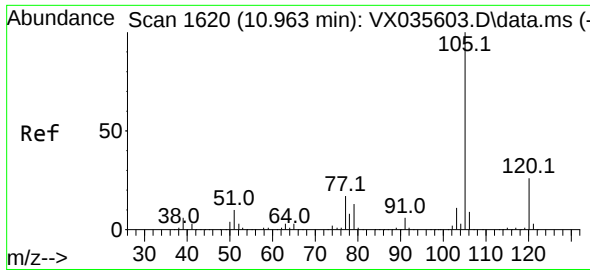
Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

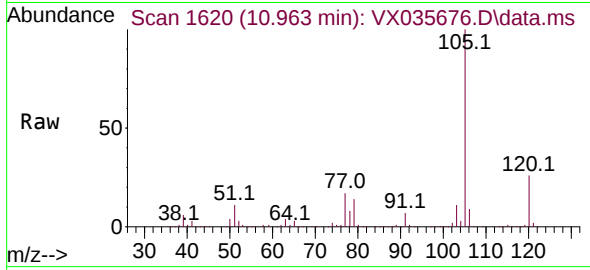
Tgt Ion:	152	Resp:	154437
Ion Ratio	Lower	Upper	
152	100		
115	91.7	45.0	135.0
150	175.7	0.0	352.4





#73
Isopropylbenzene
Concen: 45.535 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

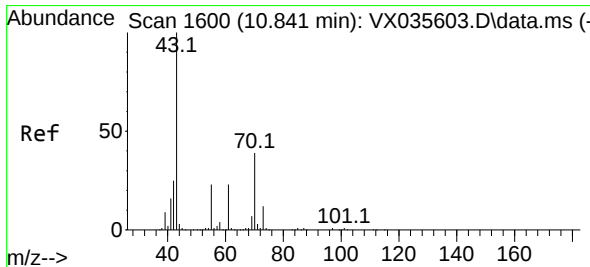
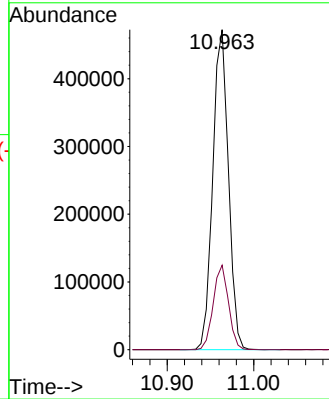
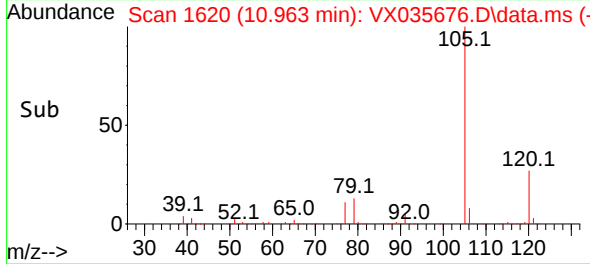
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



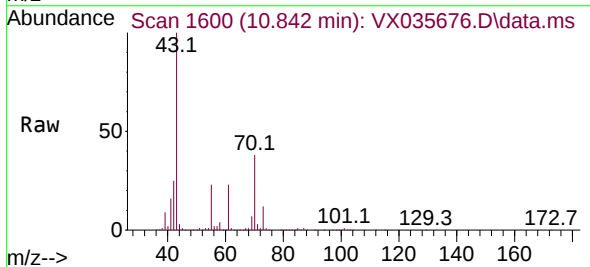
Tgt Ion:105 Resp: 592574
Ion Ratio Lower Upper
105 100
120 25.7 13.3 39.9

Manual Integrations
APPROVED

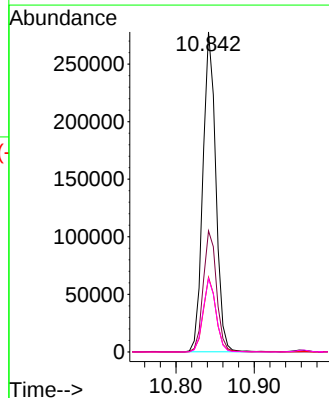
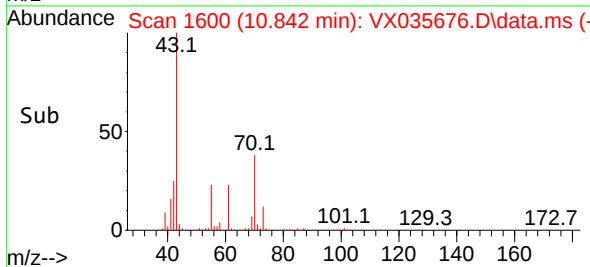
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

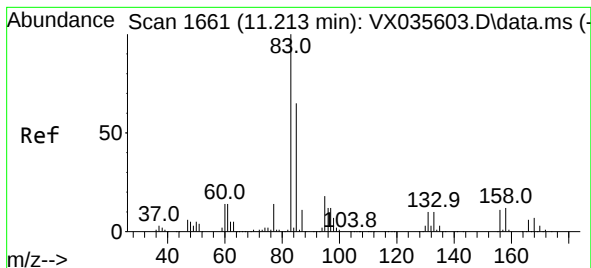


#74
N-ethyl acetate
Concen: 52.370 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



Tgt Ion: 43 Resp: 317762
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.1 18.3 27.5
61 23.0 18.8 28.2





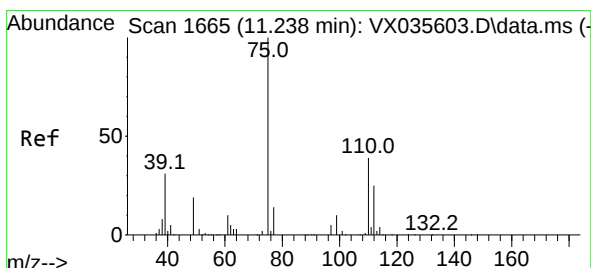
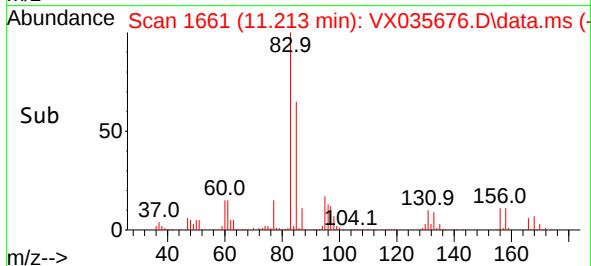
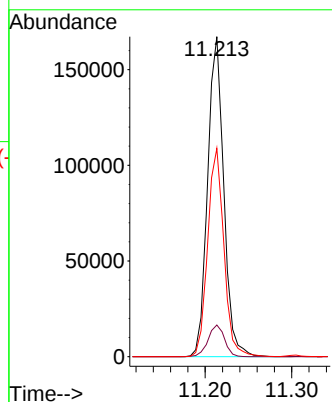
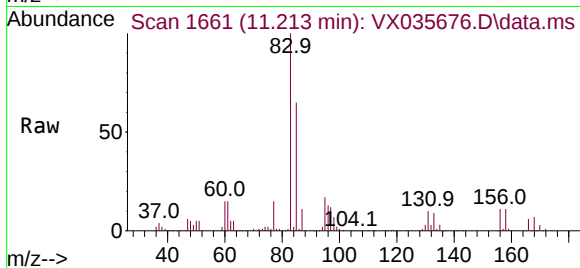
#75
1,1,2,2-Tetrachloroethane
Concen: 51.335 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion: 83 Resp: 21671
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.3 32.0 96.0

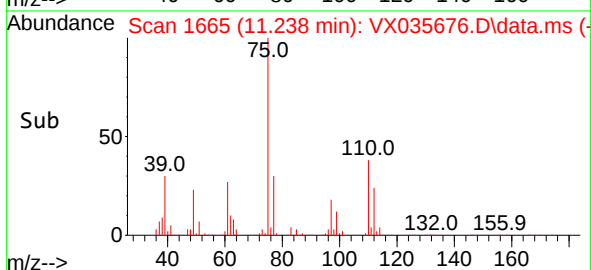
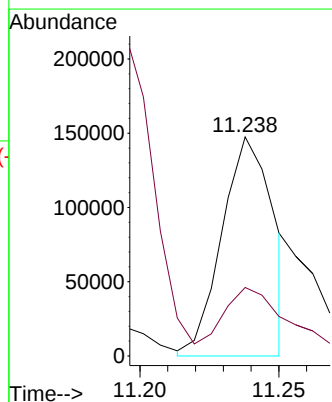
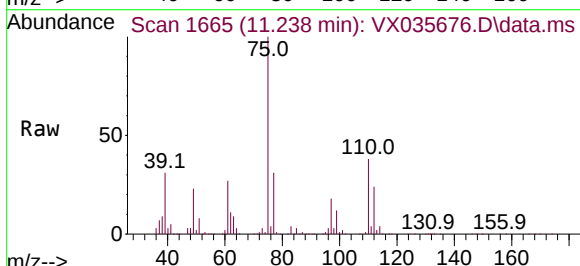
Manual Integrations
APPROVED

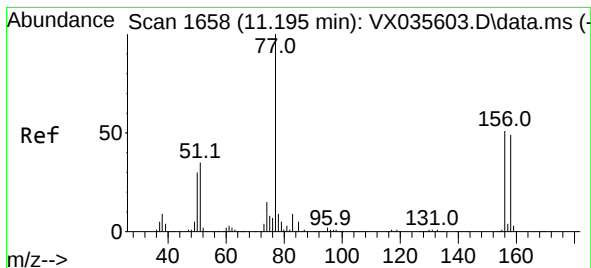
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#76
1,2,3-Trichloropropane
Concen: 50.215 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 75 Resp: 189693
Ion Ratio Lower Upper
75 100
77 40.8 21.6 64.8





#77

Bromobenzene

Concen: 47.644 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035676.D

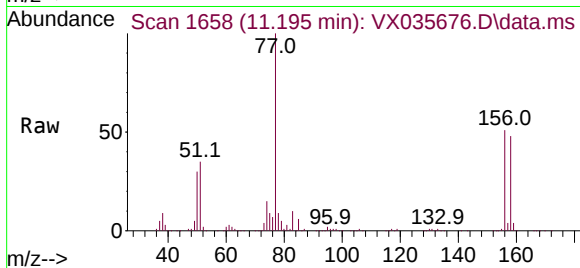
Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD



Tgt Ion:156 Resp: 140728

Ion Ratio Lower Upper

156 100

77 191.8 86.7 259.9

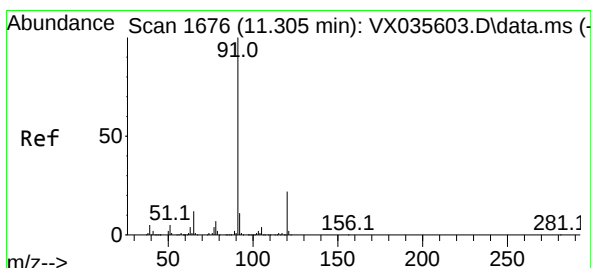
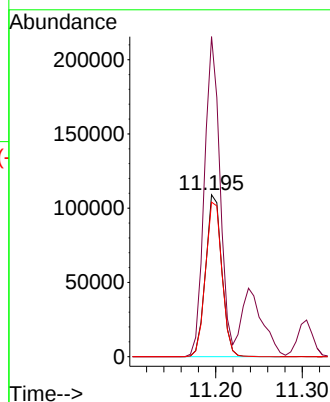
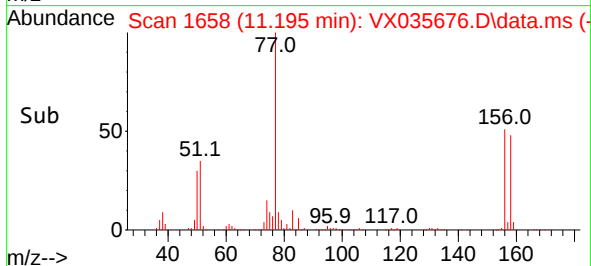
158 97.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#78

n-propylbenzene

Concen: 45.370 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035676.D

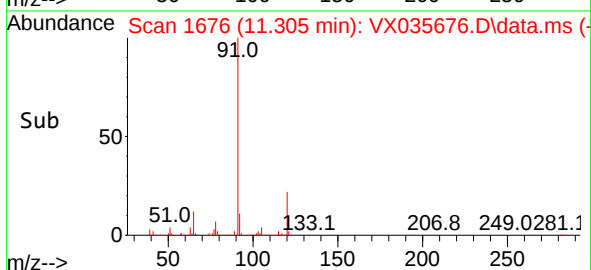
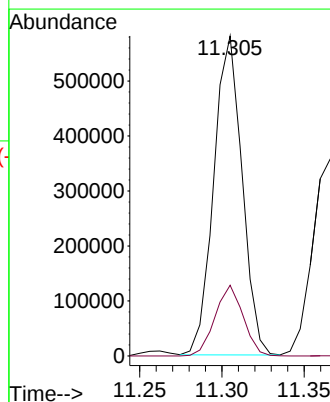
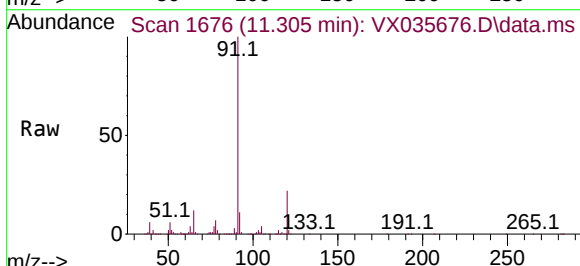
Acq: 15 May 2023 19:28

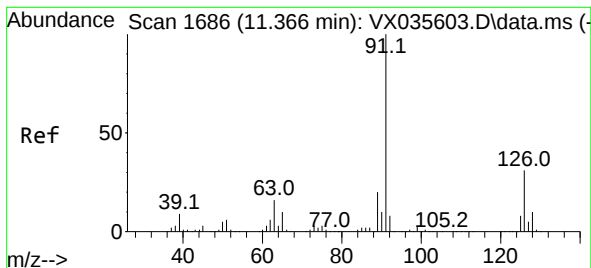
Tgt Ion: 91 Resp: 694056

Ion Ratio Lower Upper

91 100

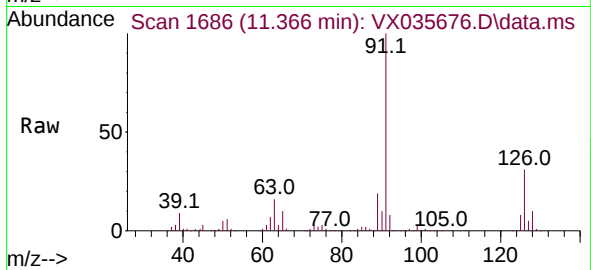
120 22.0 11.5 34.5





#79
2-Chlorotoluene
Concen: 46.438 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

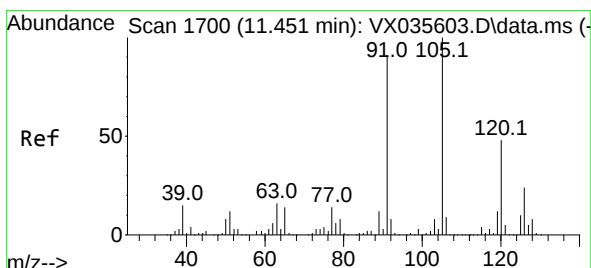
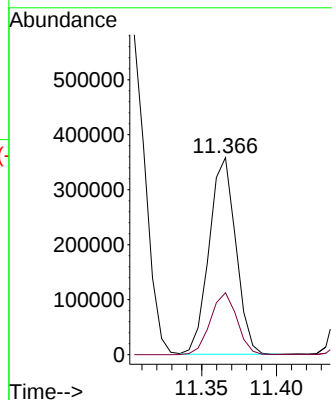
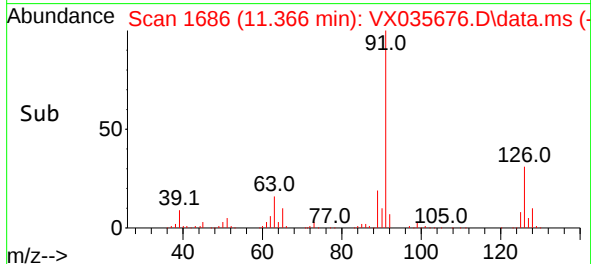
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



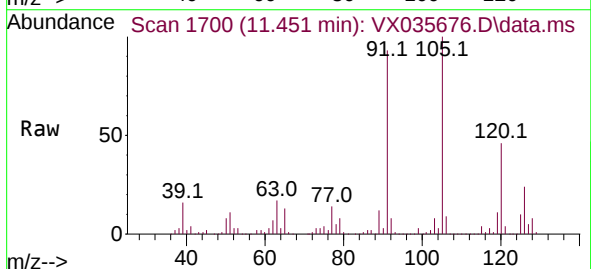
Tgt Ion: 91 Resp: 444768
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.9

Manual Integrations
APPROVED

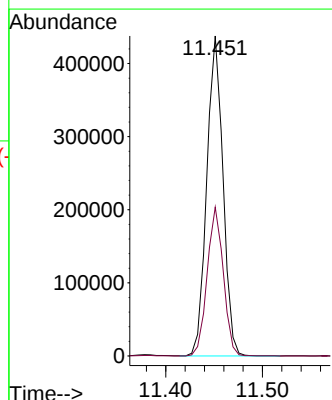
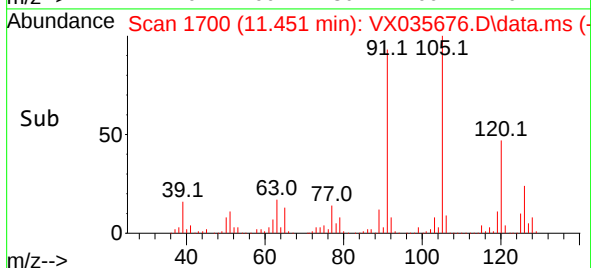
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

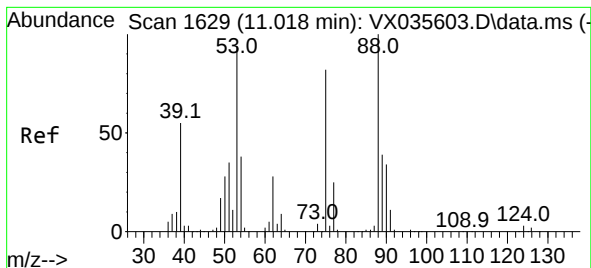


#80
1,3,5-Trimethylbenzene
Concen: 46.237 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



Tgt Ion:105 Resp: 511413
Ion Ratio Lower Upper
105 100
120 46.3 23.7 71.1





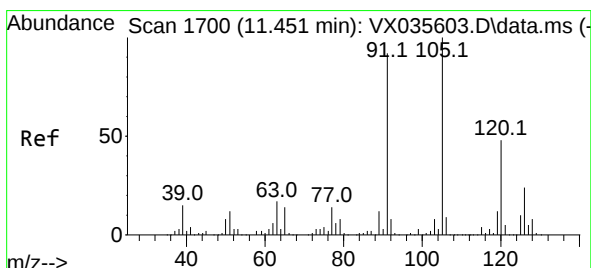
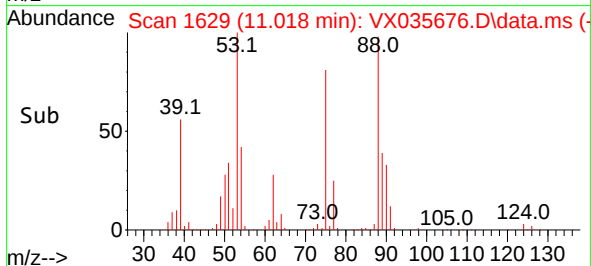
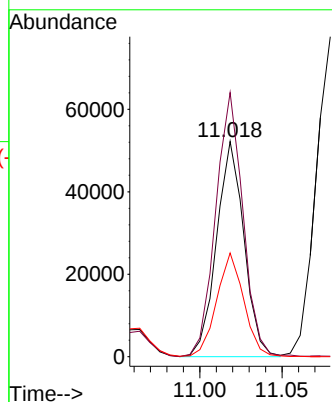
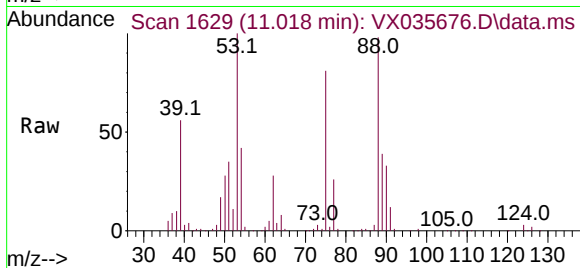
#81
trans-1,4-Dichloro-2-butene
Concen: 51.619 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD

Tgt Ion: 75 Resp: 60504
Ion Ratio Lower Upper
75 100
53 121.8 82.6 124.0
89 47.7 36.9 55.3

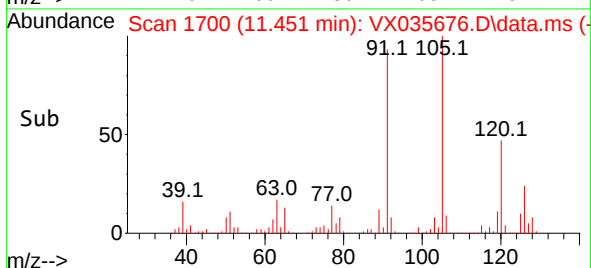
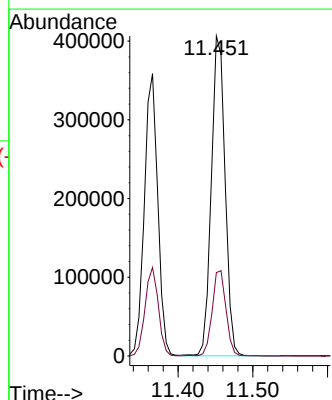
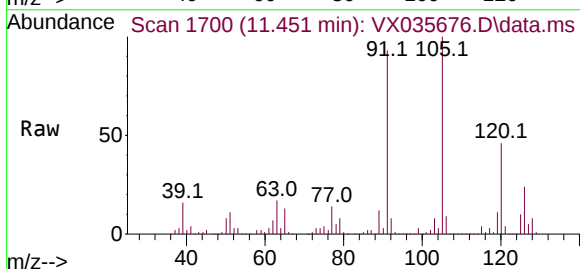
Manual Integrations
APPROVED

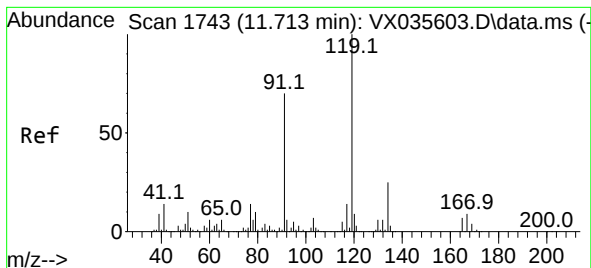
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#82
4-Chlorotoluene
Concen: 47.062 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 91 Resp: 519099
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.353 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

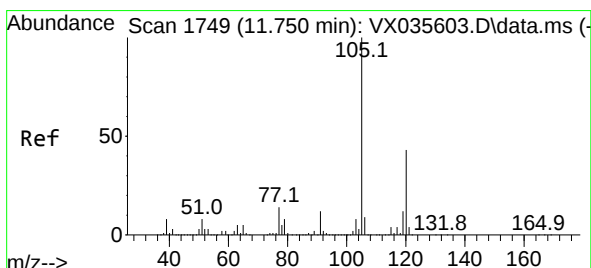
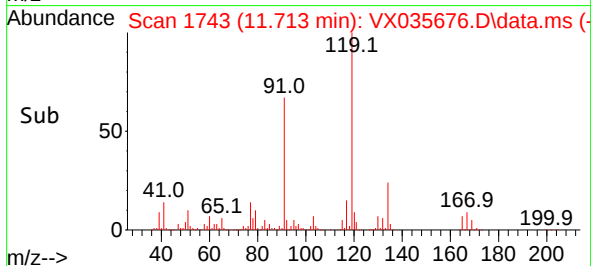
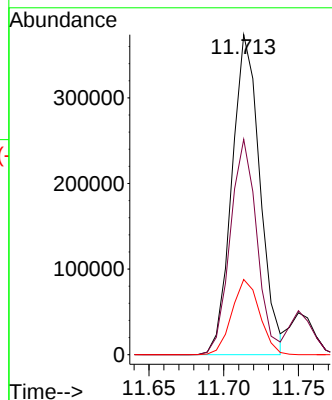
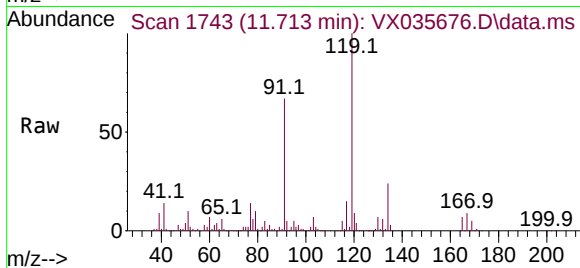
Tgt Ion:119 Resp: 487608
 Ion Ratio Lower Upper
 119 100
 91 64.2 30.6 92.0
 134 23.3 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#84

1,2,4-Trimethylbenzene

Concen: 46.989 ug/l

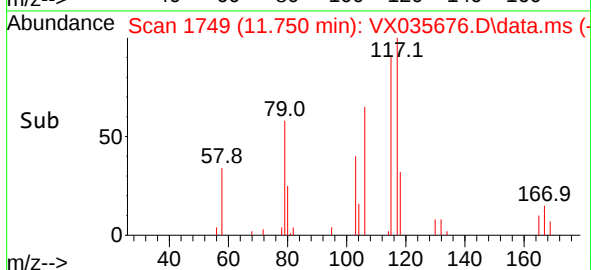
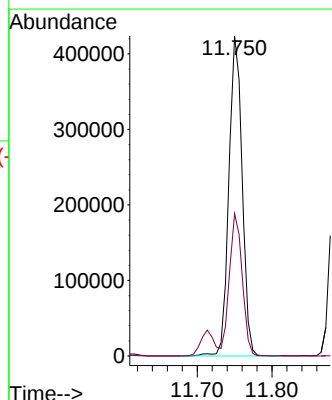
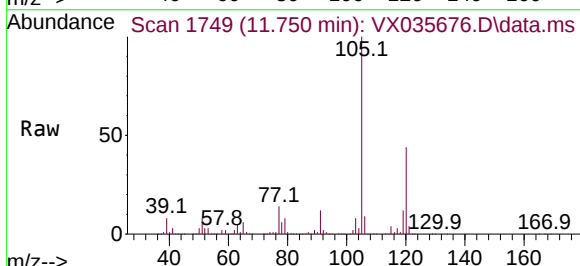
RT: 11.750 min Scan# 1749

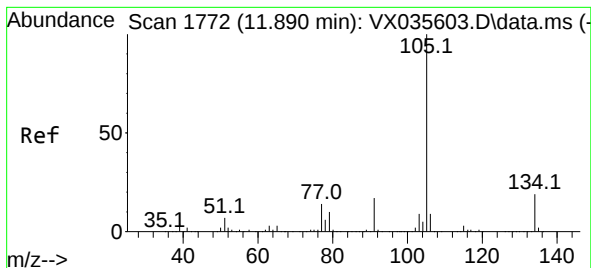
Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

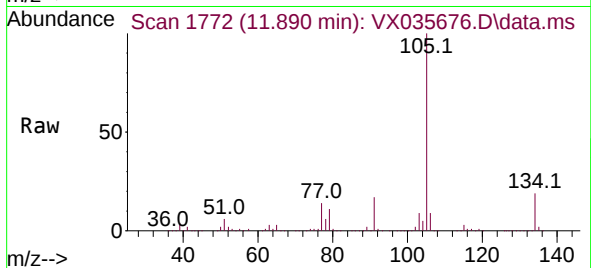
Tgt Ion:105 Resp: 521849
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 43.954 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035676.D
 Acq: 15 May 2023 19:28

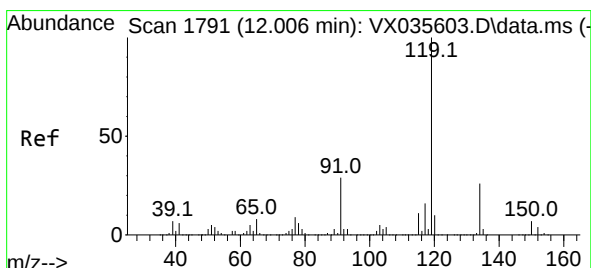
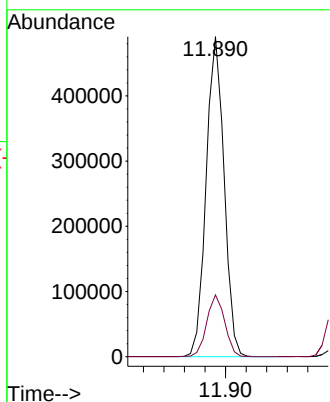
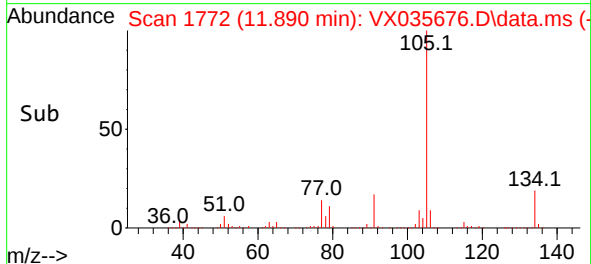
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-07-90-05032023MSD



Tgt Ion:105 Resp: 593340
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.2 30.4

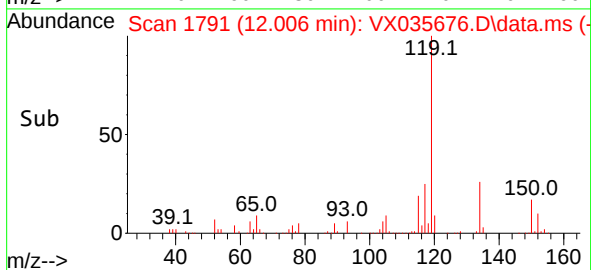
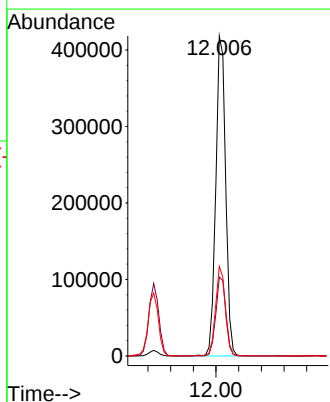
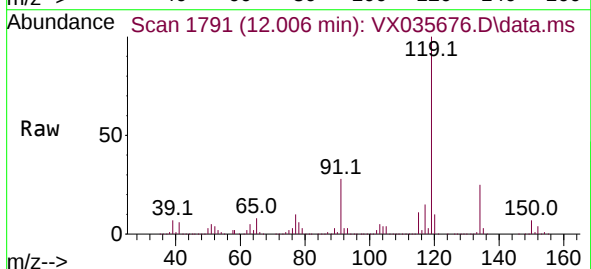
Manual Integrations
 APPROVED

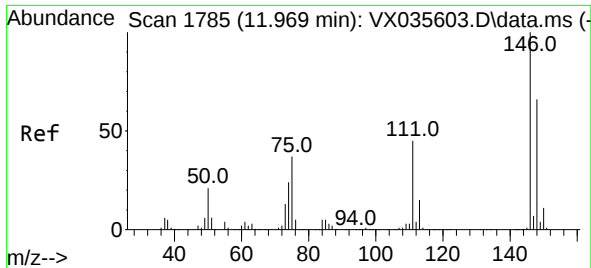
Reviewed By :John Carlone 05/16/2023
 Supervised By :Mahesh Dadoda 05/16/2023



#86
 p-Isopropyltoluene
 Concen: 45.358 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035676.D
 Acq: 15 May 2023 19:28

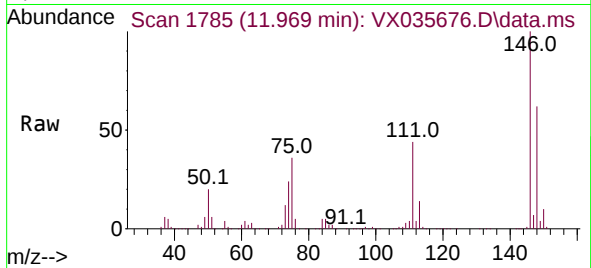
Tgt Ion:119 Resp: 503378
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 27.4 12.9 38.7





#87
1,3-Dichlorobenzene
Concen: 47.112 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

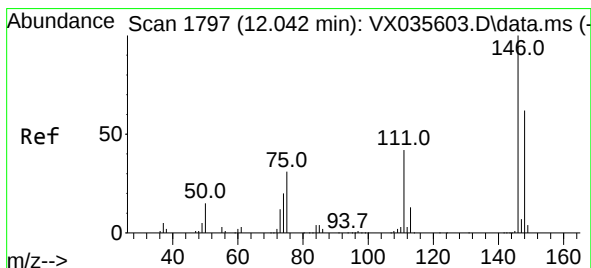
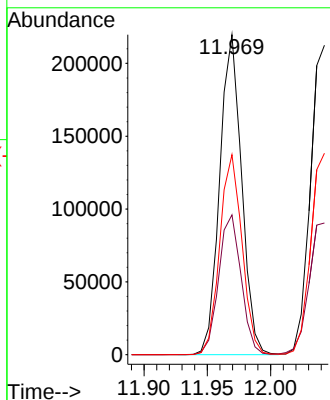
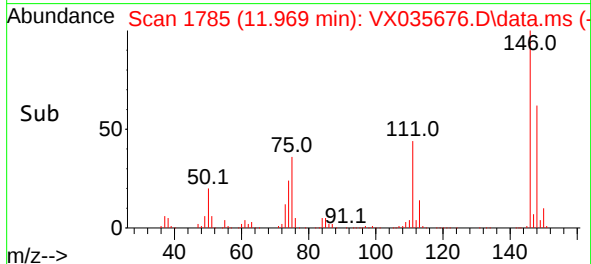
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-07-90-05032023MSD



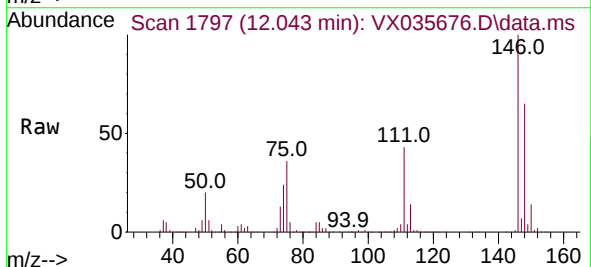
Tgt Ion:146 Resp: 26435
Ion Ratio Lower Upper
146 100
111 44.9 20.9 62.8
148 63.5 31.6 95.0

Manual Integrations
APPROVED

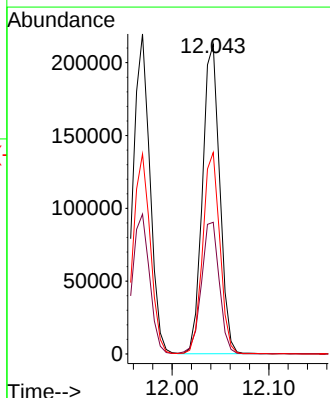
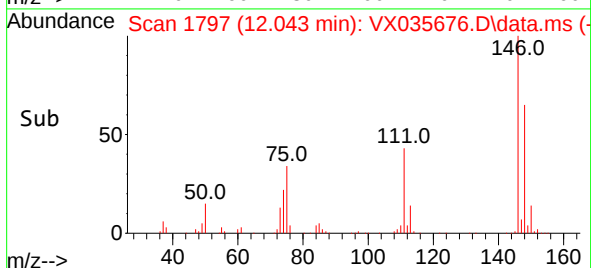
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

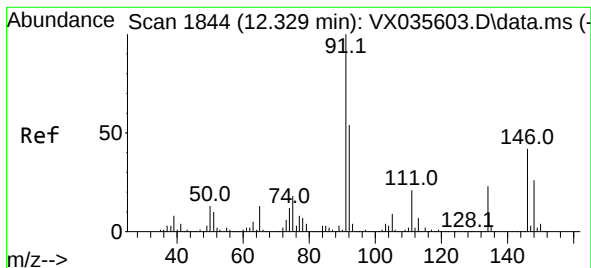


#88
1,4-Dichlorobenzene
Concen: 46.579 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28



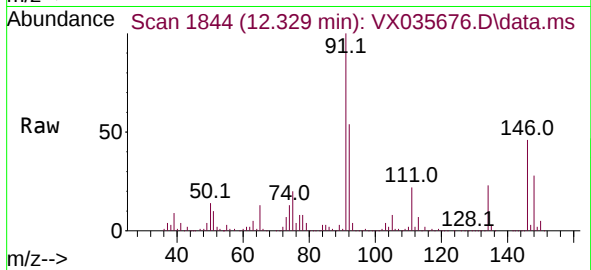
Tgt Ion:146 Resp: 263922
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.9
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 44.098 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

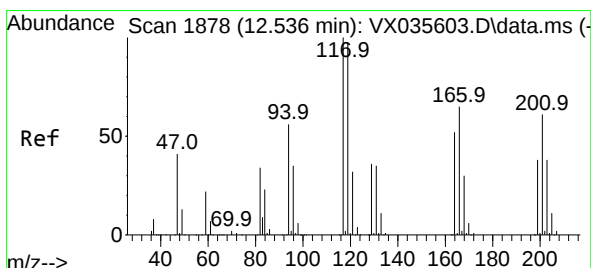
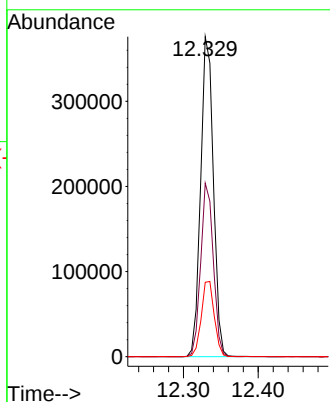
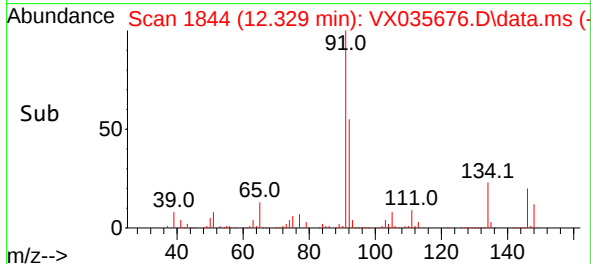
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion: 91 Resp: 445190
Ion Ratio Lower Upper
91 100
92 53.8 27.7 83.0
134 24.0 13.0 38.9

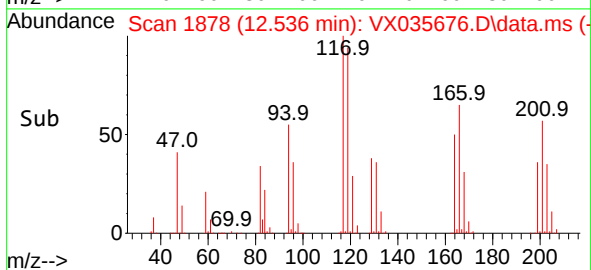
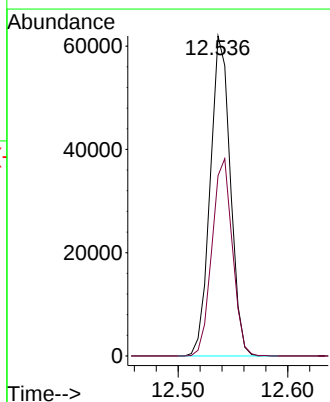
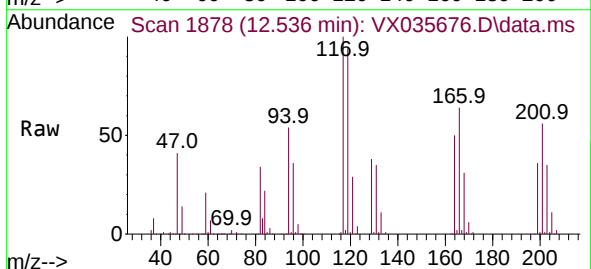
Manual Integrations
APPROVED

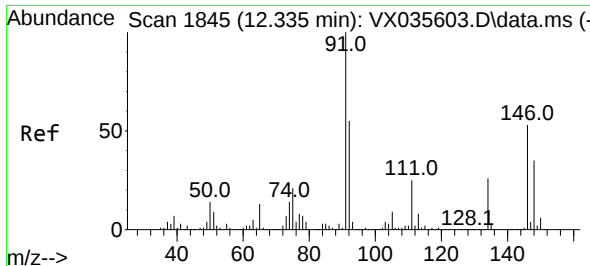
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#90
Hexachloroethane
Concen: 47.026 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

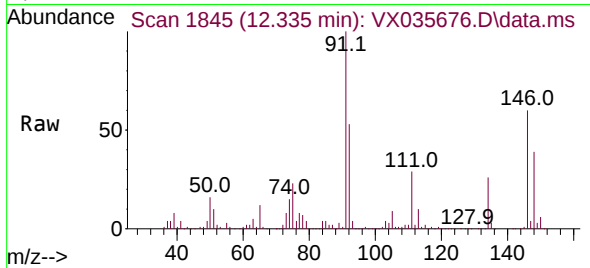
Tgt Ion:117 Resp: 79102
Ion Ratio Lower Upper
117 100
201 62.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.272 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

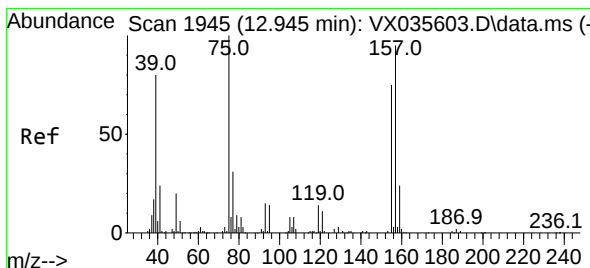
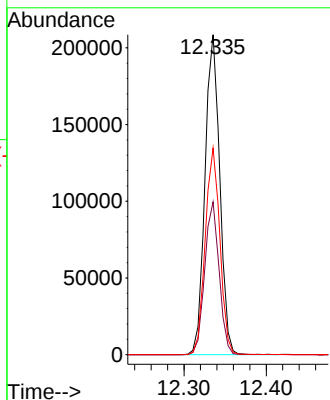
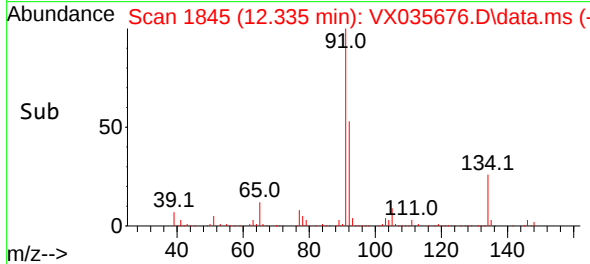
Instrument : MSVOA_X
ClientSampleId : FSND-PRO-07-90-05032023MSD



Tgt Ion:146 Resp: 259749
Ion Ratio Lower Upper
146 100
111 46.6 22.0 66.0
148 64.4 32.0 96.0

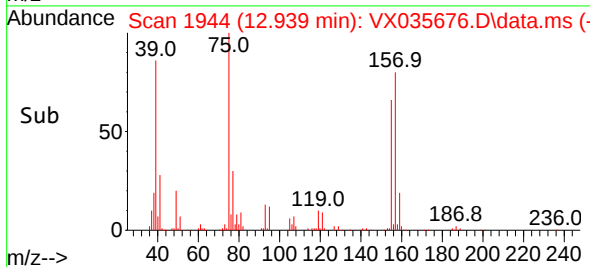
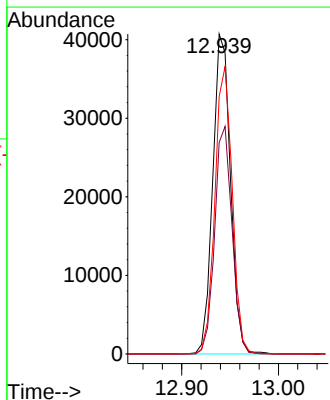
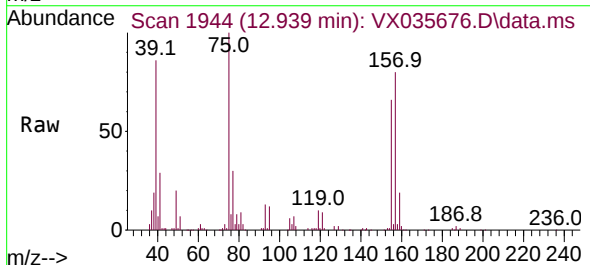
Manual Integrations
APPROVED

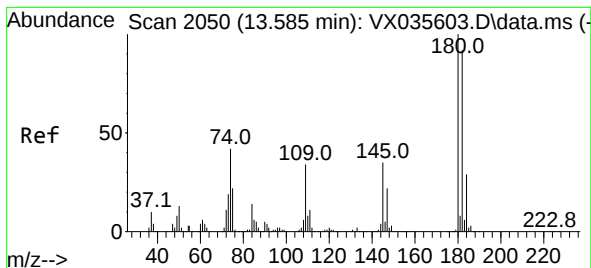
Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.057 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035676.D
Acq: 15 May 2023 19:28

Tgt Ion: 75 Resp: 51756
Ion Ratio Lower Upper
75 100
155 69.7 38.4 115.1
157 87.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 46.876 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

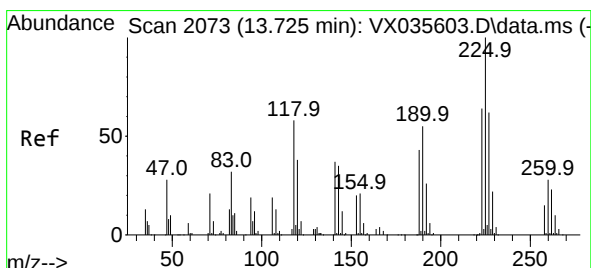
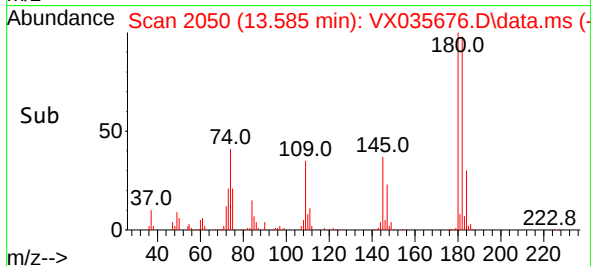
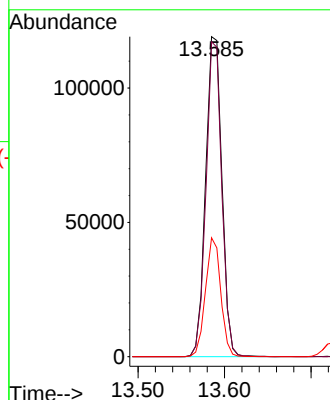
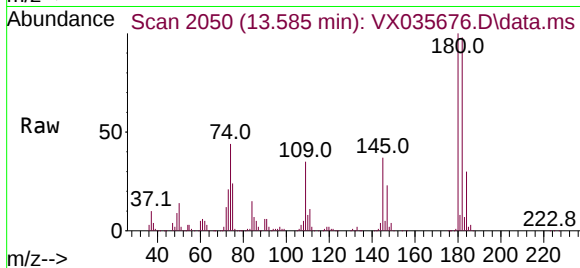
Tgt Ion:180	Resp: 15509
Ion Ratio	Lower Upper
180 100	
182 95.5	47.0 141.0
145 35.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#94

Hexachlorobutadiene

Concen: 39.940 ug/l

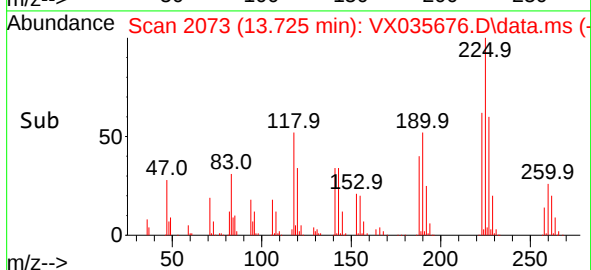
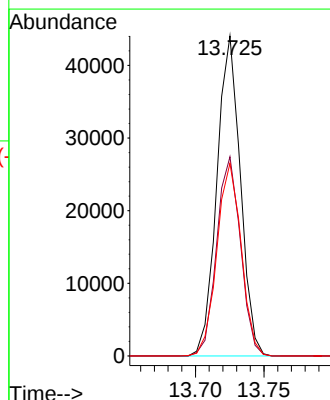
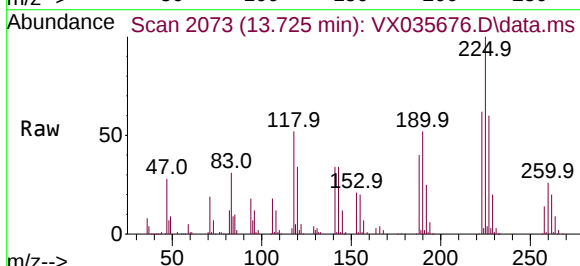
RT: 13.725 min Scan# 2073

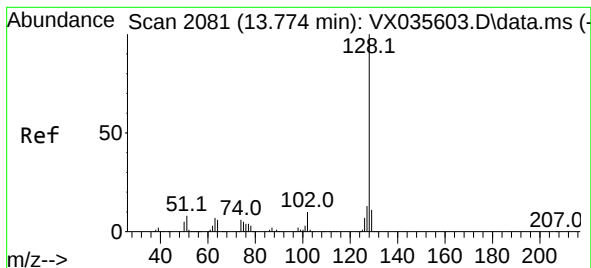
Delta R.T. 0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Tgt Ion:225	Resp: 52450
Ion Ratio	Lower Upper
225 100	
223 63.2	32.1 96.5
227 62.2	31.8 95.4





#95

Naphthalene

Concen: 51.514 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-07-90-05032023MSD

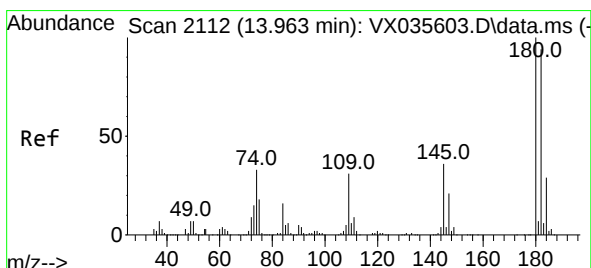
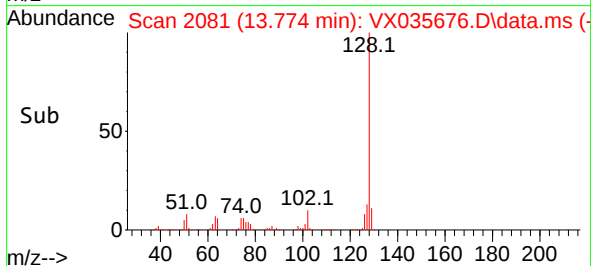
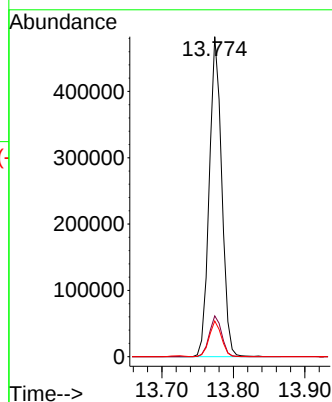
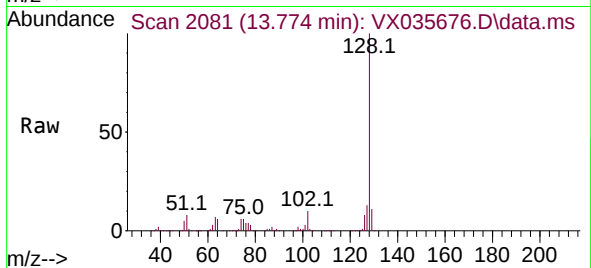
Tgt Ion:	128	Resp:	583650
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2023

Supervised By :Mahesh Dadoda 05/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 47.031 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035676.D

Acq: 15 May 2023 19:28

Tgt Ion:	180	Resp:	153035
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.2
145	37.0	17.7	53.1

