

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030944.D
 Acq On : 30 Aug 2022 17:22
 Operator : JC/MD
 Sample : VX0830MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Mahesh Dadoda 08/31/2022

Quant Time: Aug 30 19:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	197103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332967	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136492	48.281	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.560%		
35) Dibromofluoromethane	5.391	113	121224	49.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.780%		
50) Toluene-d8	8.653	98	453197	49.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.085	95	164121	50.703	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	40299	19.326	ug/l	94
3) Chloromethane	1.288	50	39685	18.883	ug/l	98
4) Vinyl Chloride	1.374	62	46369	18.676	ug/l	95
5) Bromomethane	1.593	94	15511	17.510	ug/l	95
6) Chloroethane	1.673	64	26587	17.810	ug/l	95
7) Trichlorofluoromethane	1.880	101	70275	18.610	ug/l	96
8) Diethyl Ether	2.136	74	27512	18.878	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	46232	19.038	ug/l	95
10) Methyl Iodide	2.447	142	29984	16.510	ug/l	94
11) Tert butyl alcohol	2.977	59	71693	107.040	ug/l	99
12) 1,1-Dichloroethene	2.313	96	46977	19.611	ug/l	98
13) Acrolein	2.240	56	33179	102.017	ug/l	96
14) Allyl chloride	2.660	41	76533	19.693	ug/l	98
15) Acrylonitrile	3.069	53	153755	103.958	ug/l	99
16) Acetone	2.386	43	127964	100.291	ug/l	98
17) Carbon Disulfide	2.508	76	116465	18.422	ug/l	100
18) Methyl Acetate	2.709	43	74096	19.796	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	153867	19.721	ug/l	97
20) Methylene Chloride	2.788	84	55532	19.143	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	50057	19.272	ug/l	92
22) Diisopropyl ether	3.764	45	157136	19.623	ug/l	96
23) Vinyl Acetate	3.727	43	636824	99.126	ug/l	97
24) 1,1-Dichloroethane	3.611	63	93143	19.862	ug/l	98
25) 2-Butanone	4.562	43	210990	102.149	ug/l	98
26) 2,2-Dichloropropane	4.477	77	64175	18.160	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	58620	19.585	ug/l	98
28) Bromochloromethane	4.898	49	28469	18.767	ug/l	91
29) Tetrahydrofuran	5.013	42	133934	100.234	ug/l	96
30) Chloroform	5.099	83	95001	19.528	ug/l	99
31) Cyclohexane	5.477	56	79573	19.018	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	79241	19.214	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68035	18.650	ug/l	99
37) Ethyl Acetate	4.721	43	77375	20.175	ug/l	98
38) Carbon Tetrachloride	5.684	117	67751	19.508	ug/l	98
39) Methylcyclohexane	7.379	83	84128	18.854	ug/l	98
40) Benzene	6.044	78	206885	19.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42197	20.257	ug/l	97
42) 1,2-Dichloroethane	6.092	62	70096	20.069	ug/l	98
43) Isopropyl Acetate	6.349	43	116213	19.527	ug/l	97
44) Trichloroethene	7.129	130	56605	18.274	ug/l	97
45) 1,2-Dichloropropane	7.434	63	52803	18.814	ug/l	99
46) Dibromomethane	7.586	93	38060	19.858	ug/l	98
47) Bromodichloromethane	7.824	83	69467	18.854	ug/l	99
48) Methyl methacrylate	7.696	41	56860	19.088	ug/l	94
49) 1,4-Dioxane	7.665	88	33644	429.749	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	395068	100.577	ug/l	95
52) Toluene	8.720	92	131834	20.521	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	73806	19.852	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	84146	19.784	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	54742	19.644	ug/l	96
56) Ethyl methacrylate	9.122	69	84573	20.722	ug/l	91
57) 1,3-Dichloropropane	9.311	76	93031	20.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	185225	90.360	ug/l	99
59) 2-Hexanone	9.433	43	310931	106.450	ug/l	95
60) Dibromochloromethane	9.525	129	56051	20.238	ug/l	97
61) 1,2-Dibromoethane	9.610	107	58421	20.305	ug/l	100
64) Tetrachloroethene	9.281	164	56197	19.091	ug/l	94
65) Chlorobenzene	10.080	112	144400	19.623	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	50698	19.444	ug/l	97
67) Ethyl Benzene	10.195	91	252840	19.370	ug/l	100
68) m/p-Xylenes	10.305	106	199106	40.270	ug/l	98
69) o-Xylene	10.647	106	98018	20.256	ug/l	97
70) Styrene	10.659	104	162617	19.907	ug/l	99
71) Bromoform	10.805	173	41431	20.250	ug/l #	97
73) Isopropylbenzene	10.964	105	254537	20.736	ug/l	99
74) N-amyl acetate	10.848	43	97919	20.633	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	84848	20.176	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	81531m	21.344	ug/l	
77) Bromobenzene	11.201	156	61054	20.525	ug/l	96
78) n-propylbenzene	11.305	91	295445	20.537	ug/l	100
79) 2-Chlorotoluene	11.366	91	180237	20.172	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	214162	20.705	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24724	19.244	ug/l	95
82) 4-Chlorotoluene	11.457	91	199754	19.998	ug/l	98
83) tert-Butylbenzene	11.720	119	204269	20.118	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	212267	20.046	ug/l	98
85) sec-Butylbenzene	11.890	105	267499	20.298	ug/l	100
86) p-Isopropyltoluene	12.012	119	219079	20.038	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	114519	19.526	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	114901	19.107	ug/l	99
89) n-Butylbenzene	12.335	91	190429	18.610	ug/l	99
90) Hexachloroethane	12.543	117	35555	18.523	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	116274	19.544	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18937	18.052	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	70927	18.650	ug/l	95
94) Hexachlorobutadiene	13.725	225	29427	18.221	ug/l	98
95) Naphthalene	13.780	128	252684	18.578	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69277	18.042	ug/l	99

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

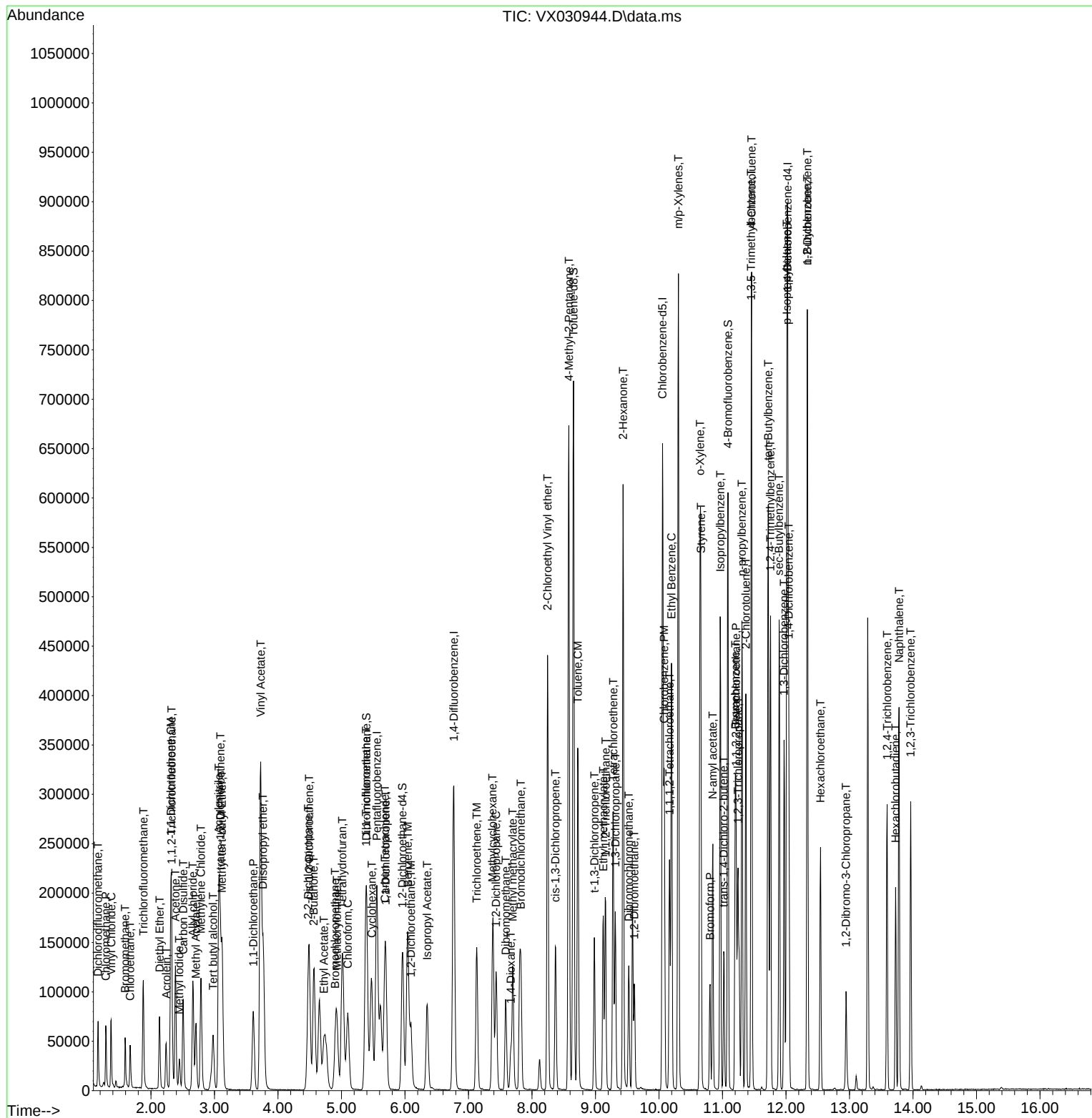
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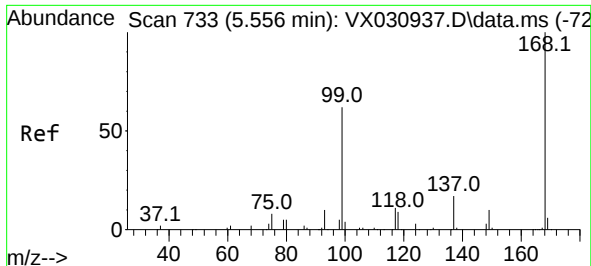
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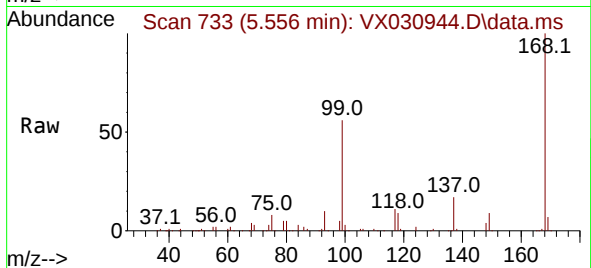
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

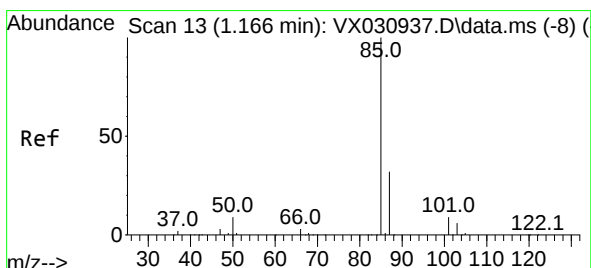
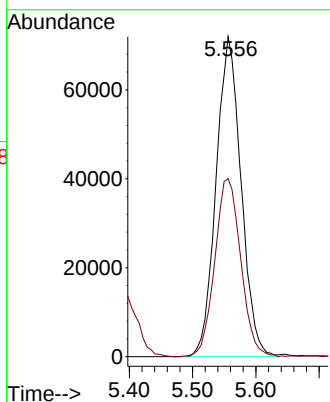
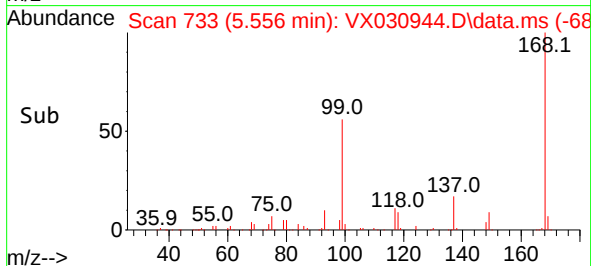
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 19710
Ion Ratio Lower Upper
168 100
99 55.7 44.0 66.0

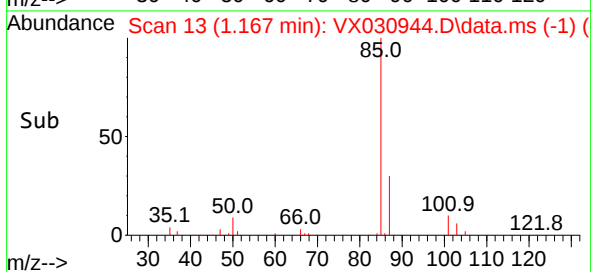
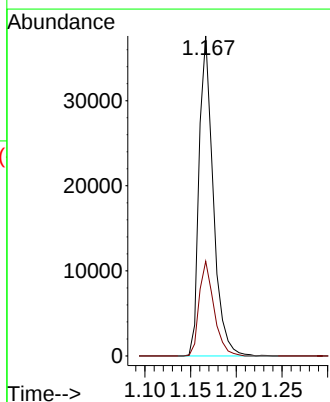
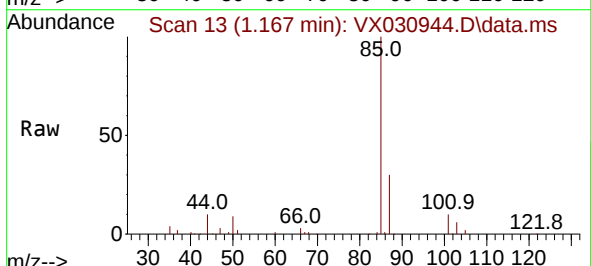
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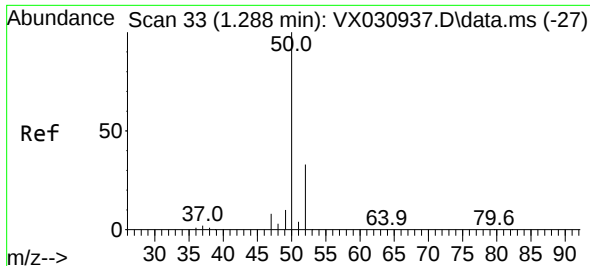
Reviewed By :John Carlone 08/31/2022
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#2
Dichlorodifluoromethane
Concen: 19.326 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

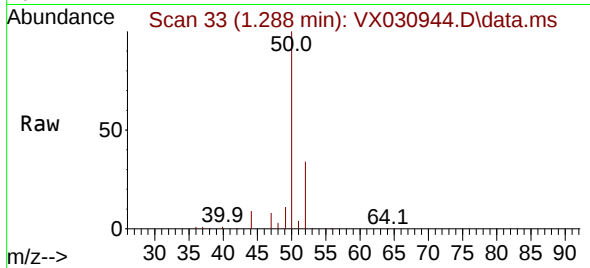
Tgt Ion: 85 Resp: 40299
Ion Ratio Lower Upper
85 100
87 29.6 16.5 49.5





#3
Chloromethane
Concen: 18.883 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

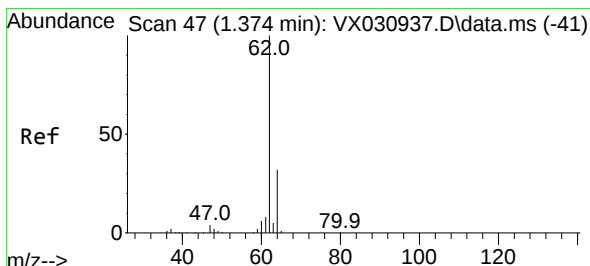
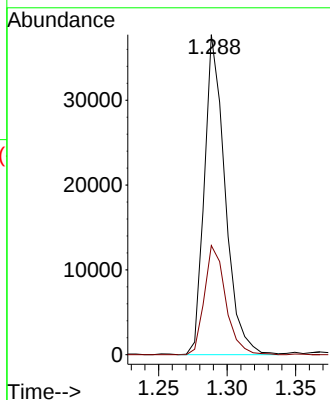
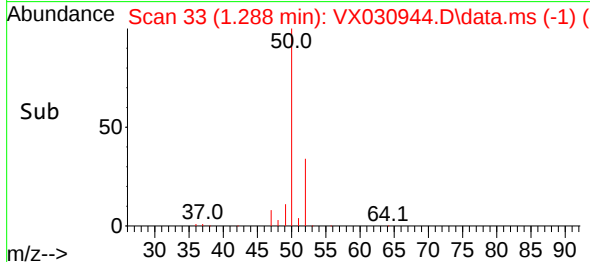
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 3968
Ion Ratio Lower Upper
50 100
52 34.1 26.3 39.5

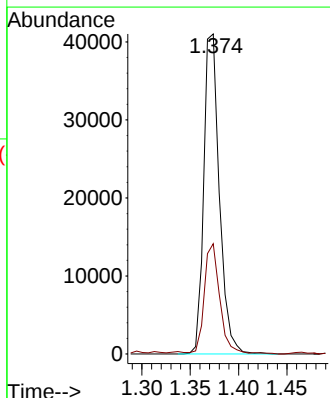
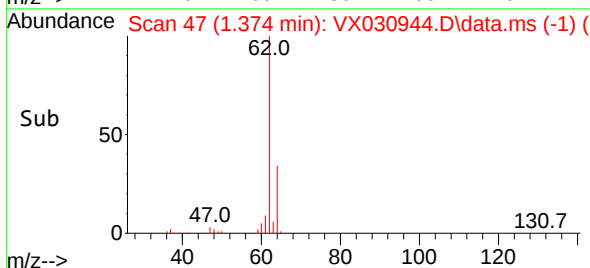
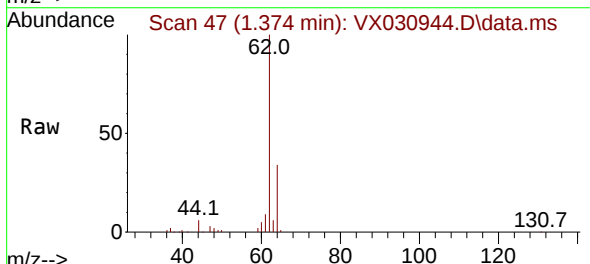
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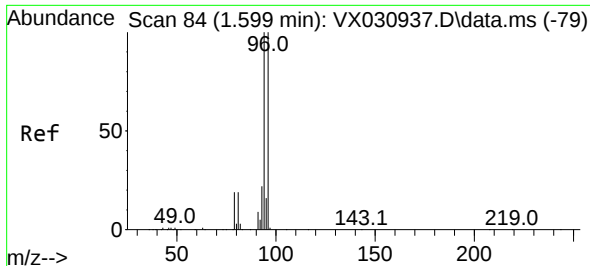
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#4
Vinyl Chloride
Concen: 18.676 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

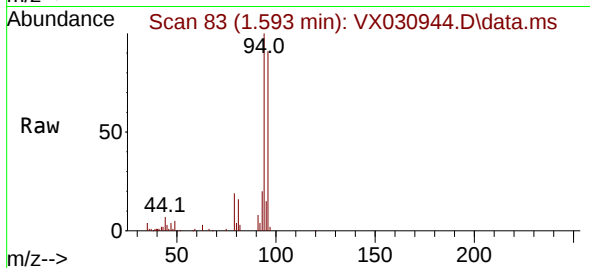
Tgt Ion: 62 Resp: 46369
Ion Ratio Lower Upper
62 100
64 34.4 25.2 37.8





#5
Bromomethane
Concen: 17.510 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

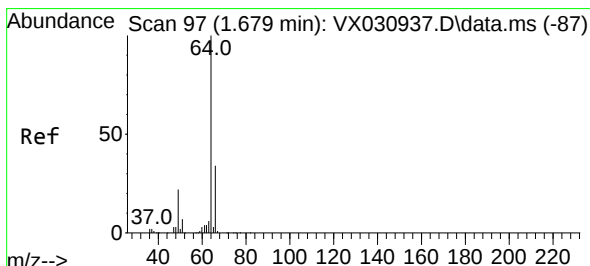
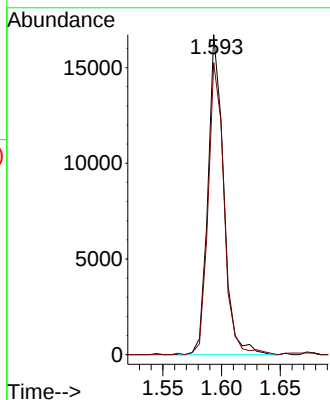
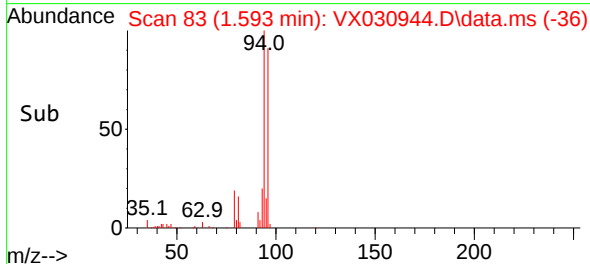
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Tgt Ion: 94 Resp: 1551
Ion Ratio Lower Upper
94 100
96 91.3 76.9 115.3

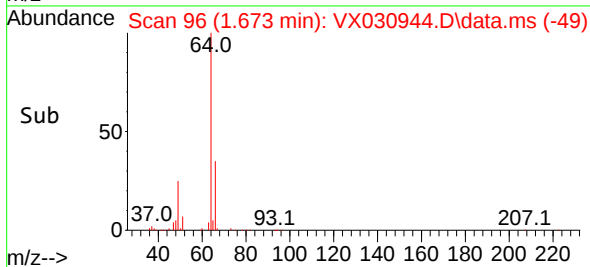
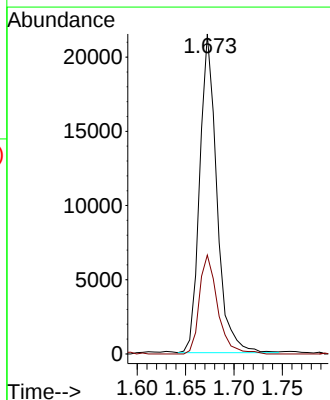
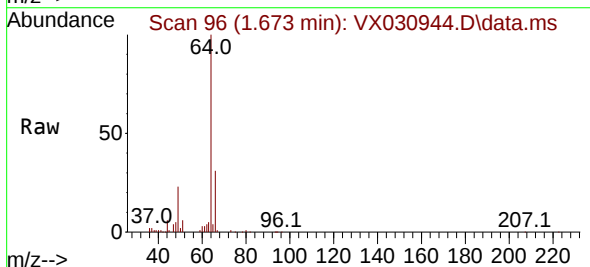
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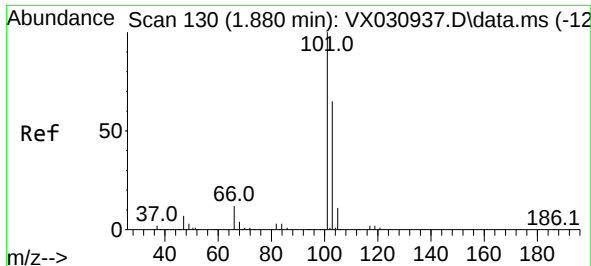
Reviewed By :John Carlone 08/31/2022
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#6
Chloroethane
Concen: 17.810 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

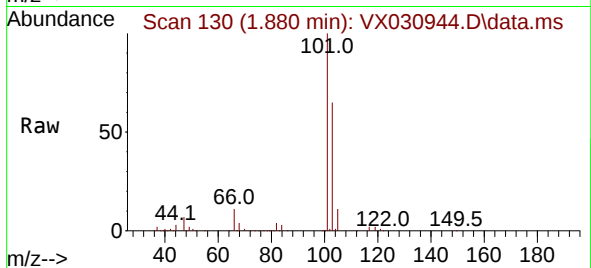
Tgt Ion: 64 Resp: 26587
Ion Ratio Lower Upper
64 100
66 31.0 27.2 40.8





#7
Trichlorofluoromethane
Concen: 18.610 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

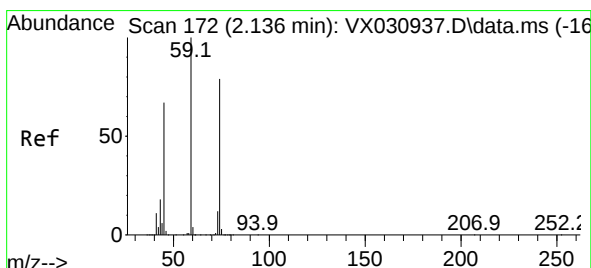
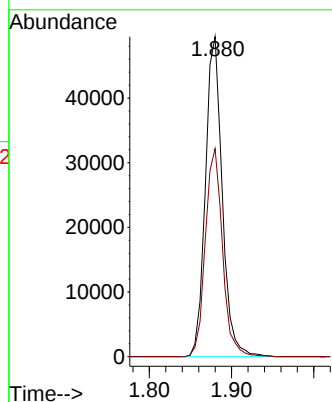
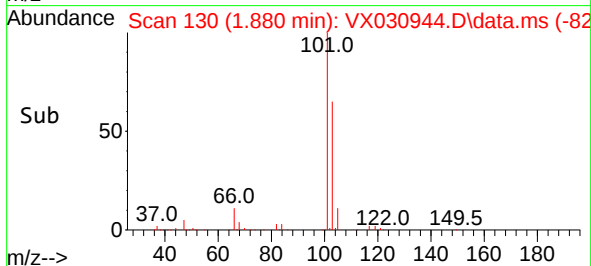
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Tgt Ion:101 Resp: 70275
Ion Ratio Lower Upper
101 100
103 65.0 49.7 74.5

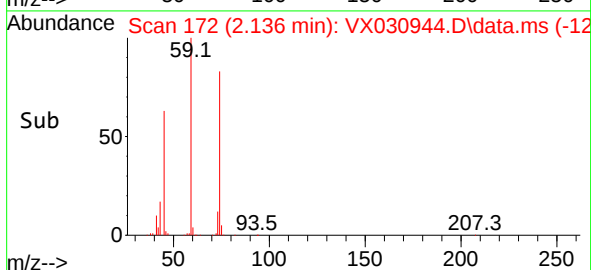
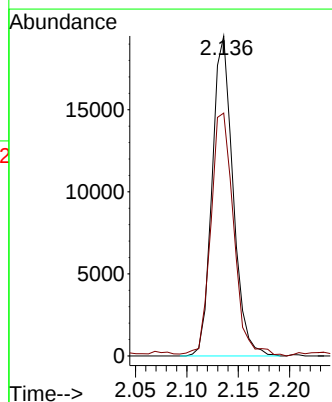
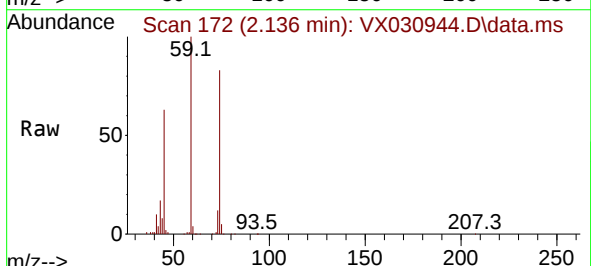
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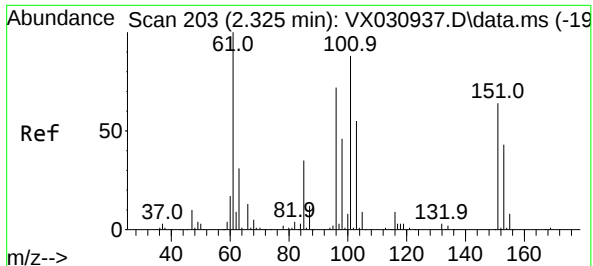
Reviewed By :John Carlone 08/31/2022
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#8
Diethyl Ether
Concen: 18.878 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion: 74 Resp: 27512
Ion Ratio Lower Upper
74 100
45 83.3 51.5 154.7





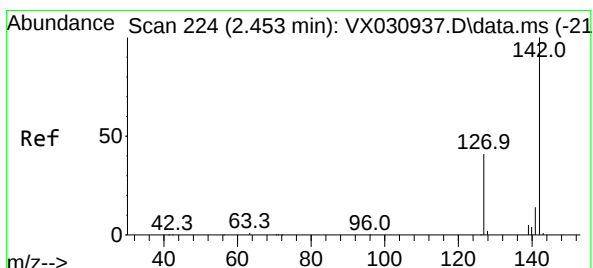
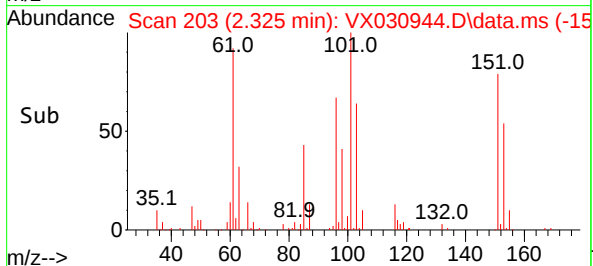
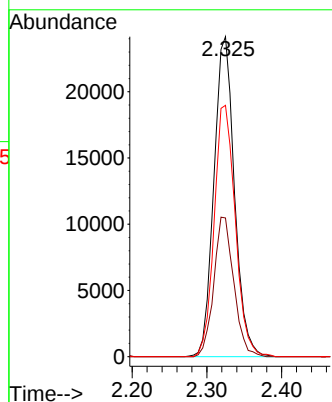
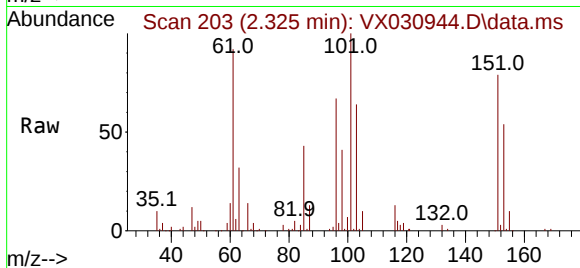
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.038 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion:101 Resp: 4623
Ion Ratio Lower Upper
101 100
85 42.4 34.0 51.0
151 80.7 59.4 89.0

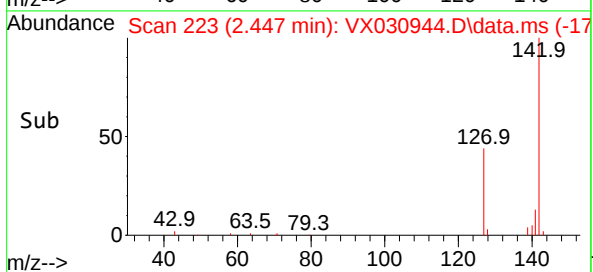
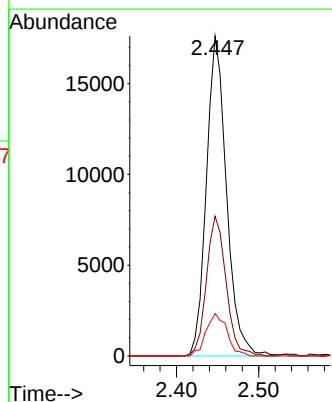
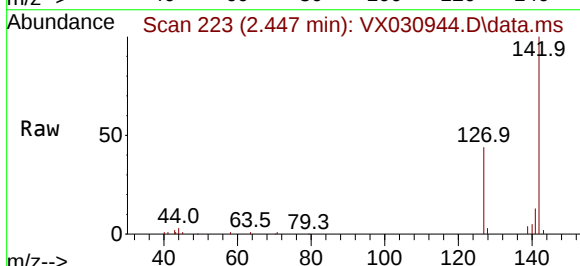
Manual Integrations
APPROVED

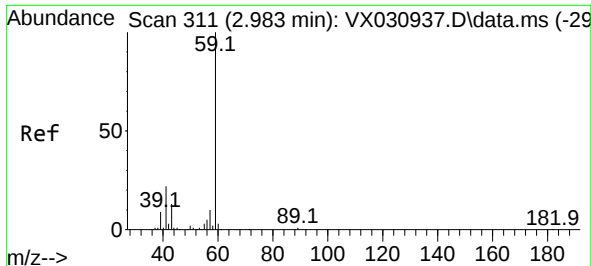
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#10
Methyl Iodide
Concen: 16.510 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

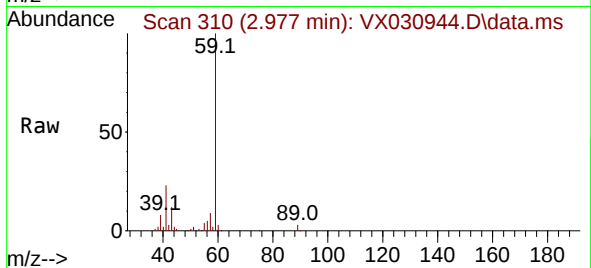
Tgt Ion:142 Resp: 29984
Ion Ratio Lower Upper
142 100
127 42.6 30.2 45.2
141 13.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 107.040 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

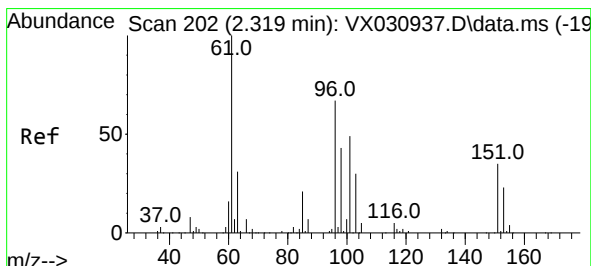
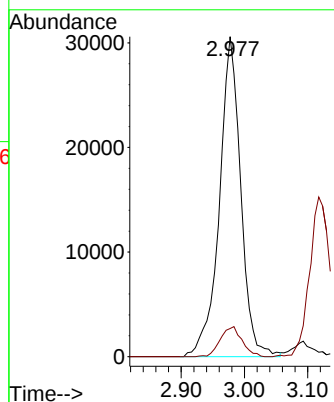
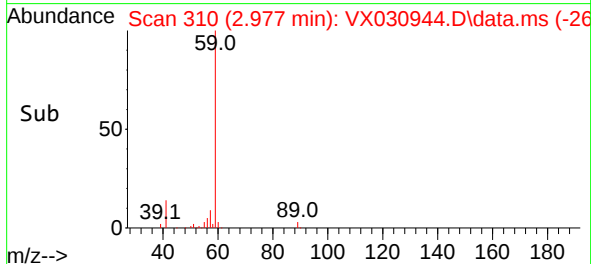
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 59 Resp: 7169
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2

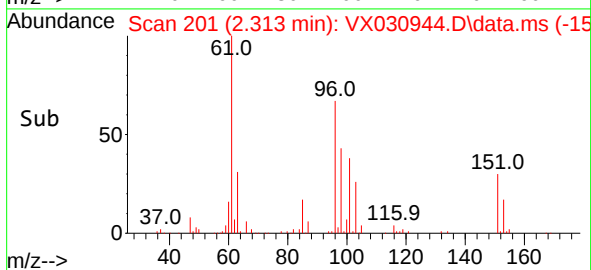
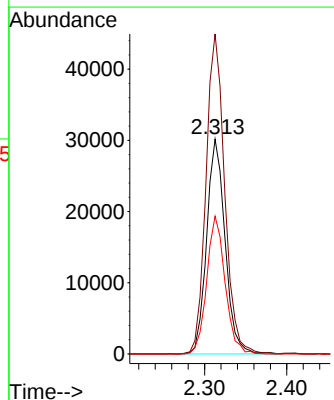
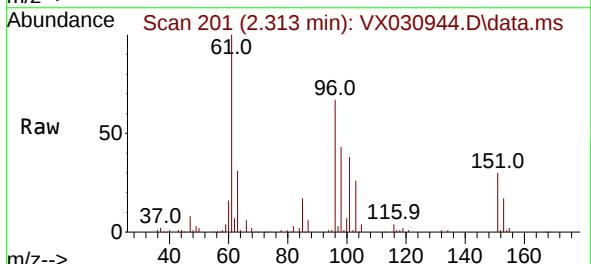
Manual Integrations
APPROVED

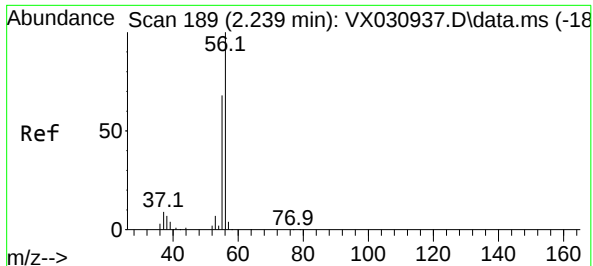
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#12
1,1-Dichloroethene
Concen: 19.611 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

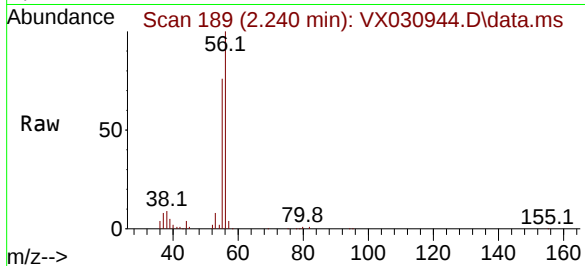
Tgt Ion: 96 Resp: 46977
Ion Ratio Lower Upper
96 100
61 149.1 117.4 176.0
98 64.2 52.2 78.4





#13
Acrolein
Concen: 102.017 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

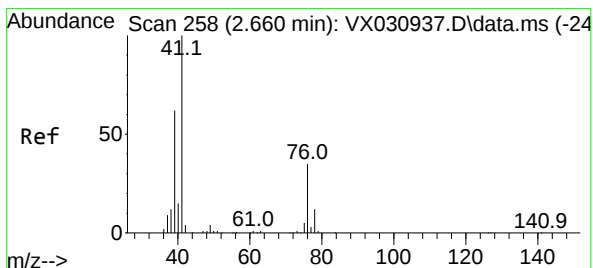
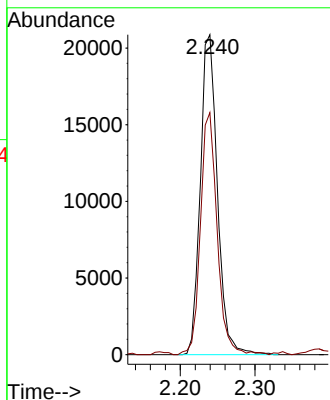
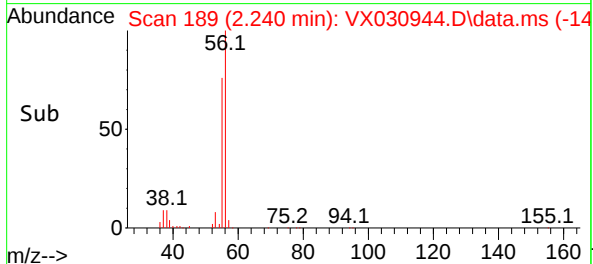
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 56 Resp: 33179
Ion Ratio Lower Upper
56 100
55 73.9 56.6 84.8

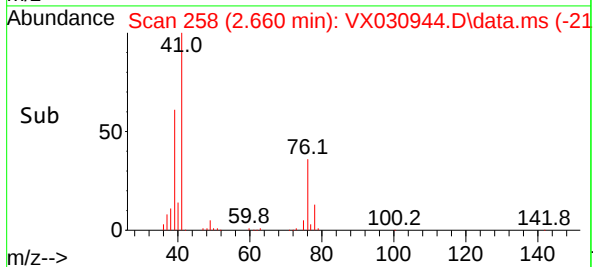
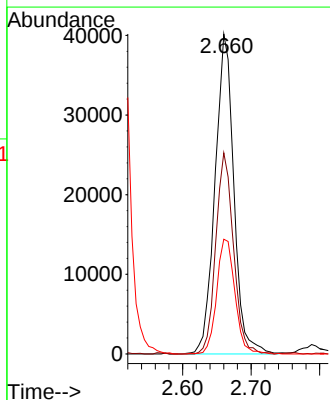
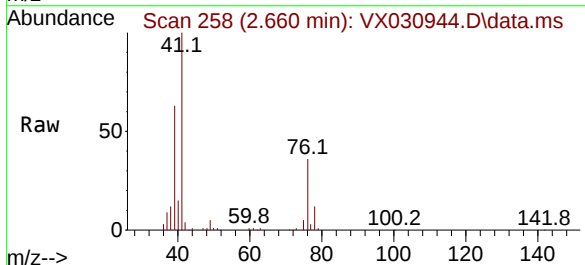
Manual Integrations
APPROVED

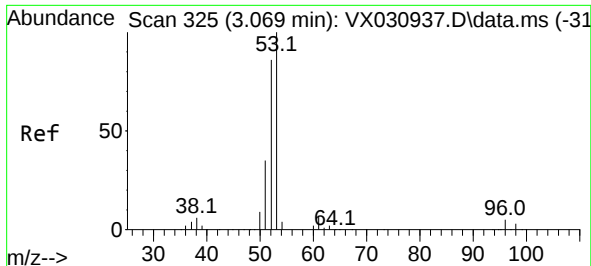
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#14
Allyl chloride
Concen: 19.693 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

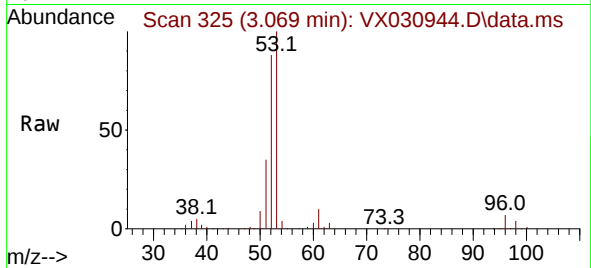
Tgt Ion: 41 Resp: 76533
Ion Ratio Lower Upper
41 100
39 59.1 48.9 73.3
76 34.7 26.9 40.3





#15
Acrylonitrile
Concen: 103.958 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

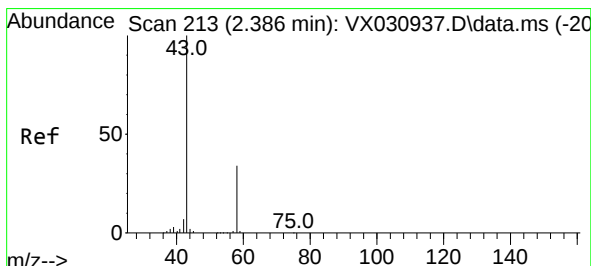
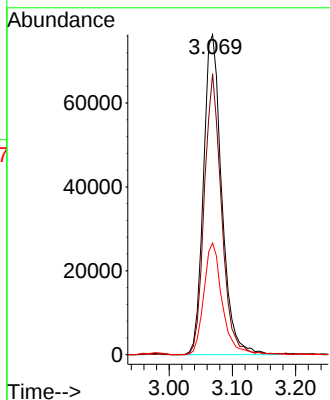
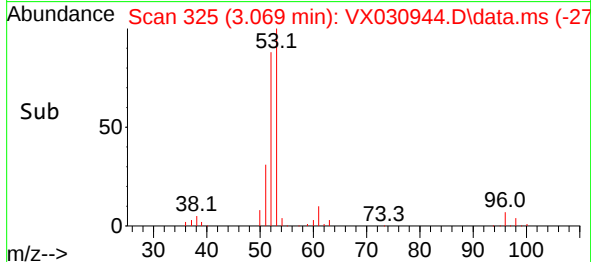
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 53 Resp: 15375
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 35.2 27.7 41.5

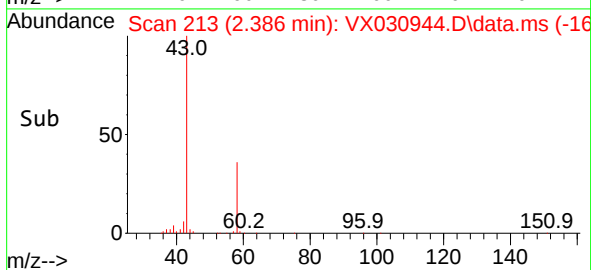
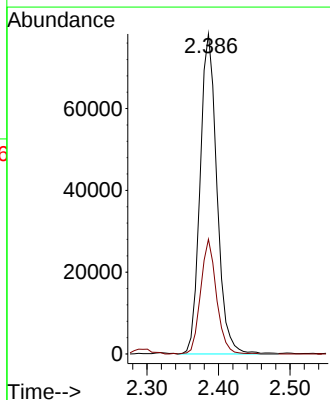
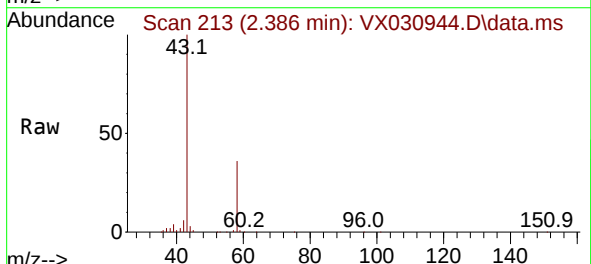
Manual Integrations
APPROVED

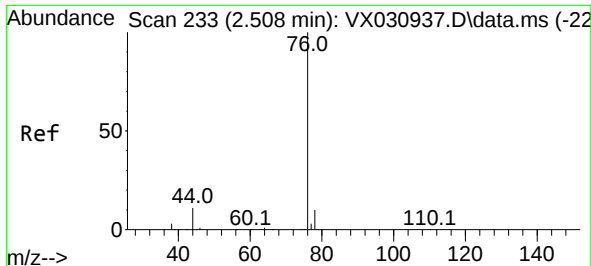
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#16
Acetone
Concen: 100.291 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

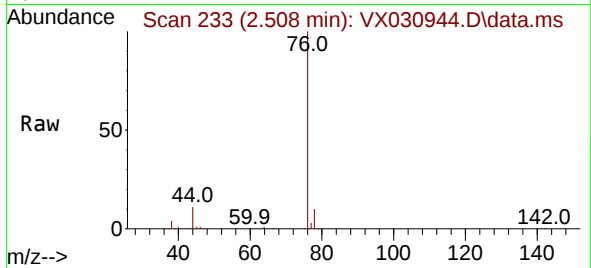
Tgt Ion: 43 Resp: 127964
Ion Ratio Lower Upper
43 100
58 35.8 27.7 41.5





#17
Carbon Disulfide
Concen: 18.422 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

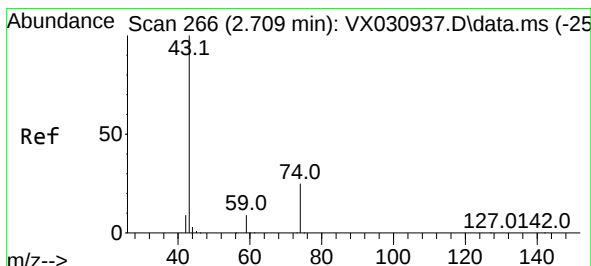
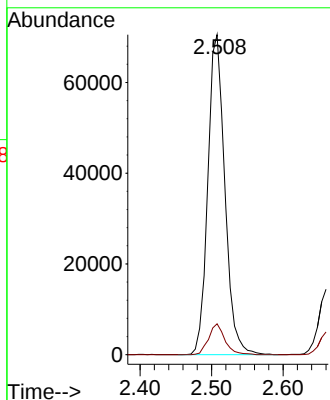
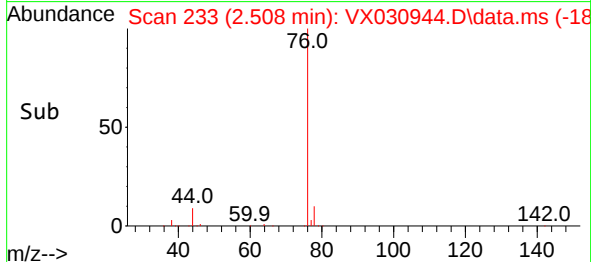
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



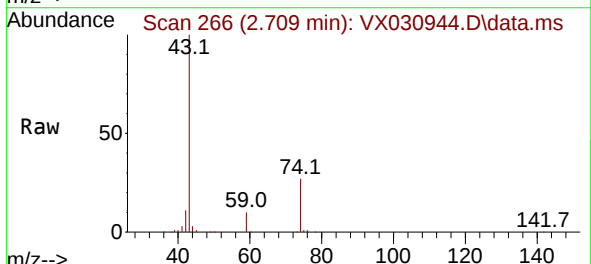
Tgt Ion: 76 Resp: 11646
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6

Manual Integrations
APPROVED

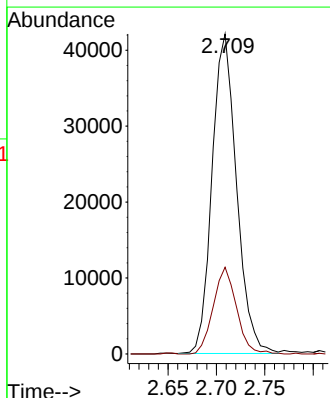
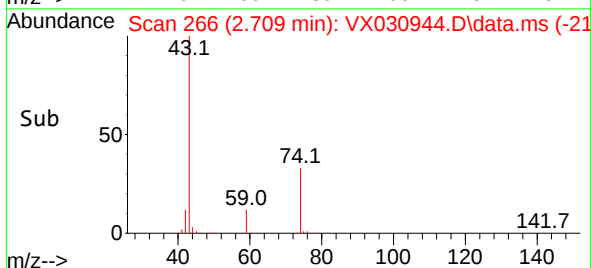
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

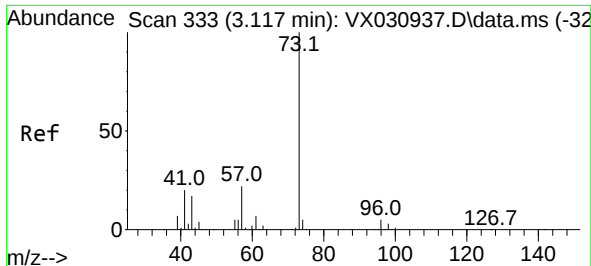


#18
Methyl Acetate
Concen: 19.796 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion: 43 Resp: 74096
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.2





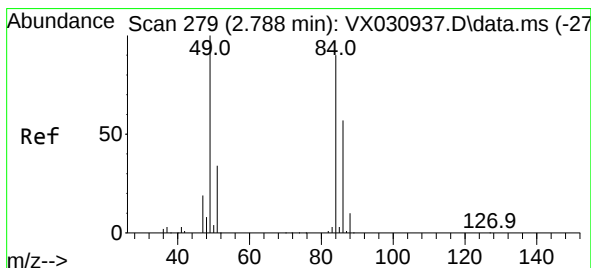
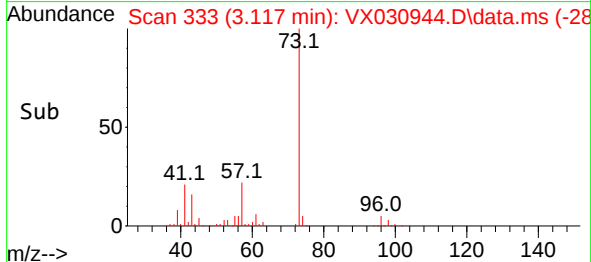
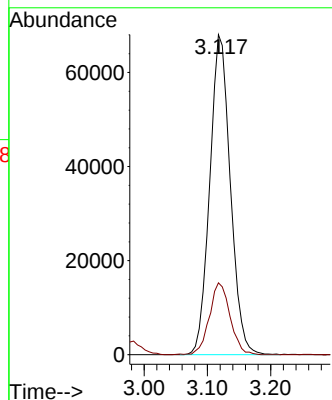
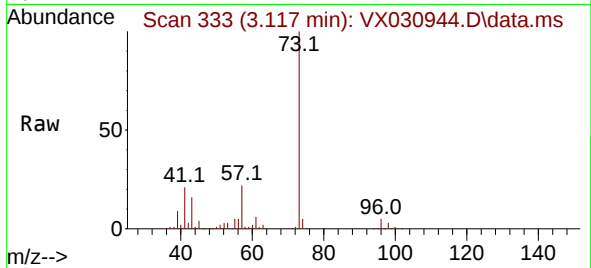
#19
Methyl tert-butyl Ether
Concen: 19.721 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion: 73 Resp: 15386
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6

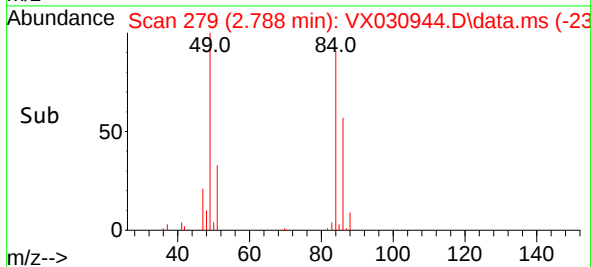
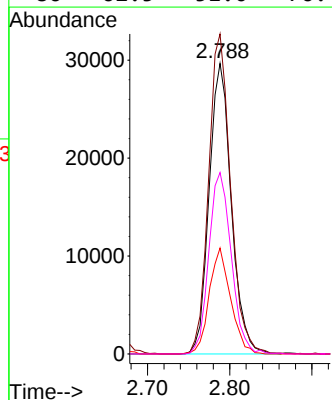
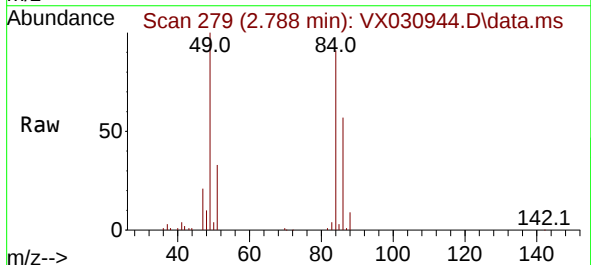
Manual Integrations
APPROVED

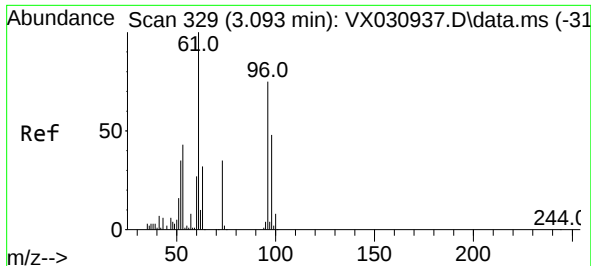
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#20
Methylene Chloride
Concen: 19.143 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

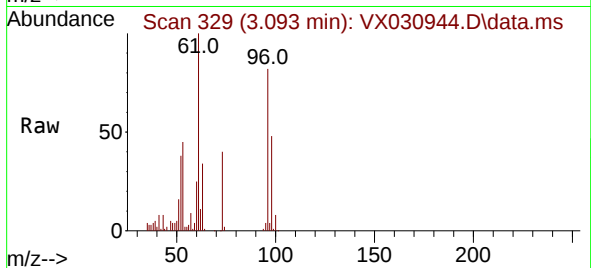
Tgt Ion: 84 Resp: 55532
Ion Ratio Lower Upper
84 100
49 110.1 93.8 140.6
51 36.4 29.4 44.0
86 62.5 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 19.272 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

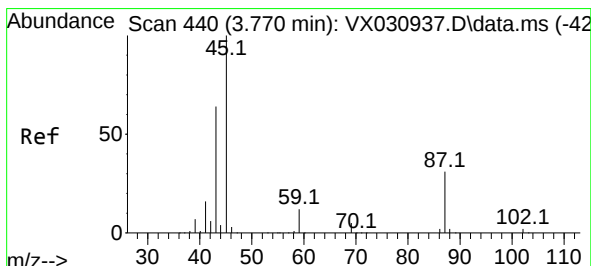
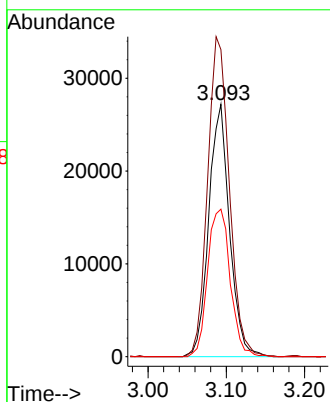
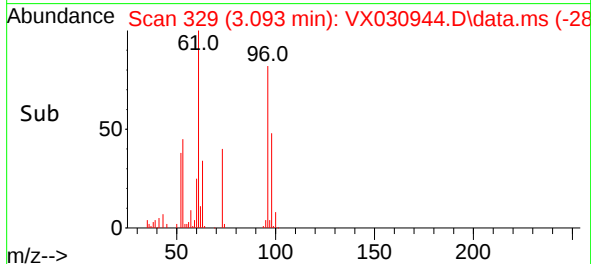
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



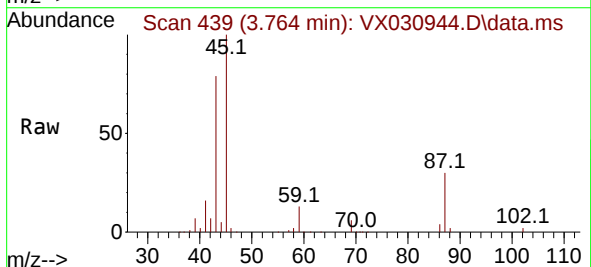
Tgt Ion: 96 Resp: 5005
Ion Ratio Lower Upper
96 100
61 121.7 105.6 158.4
98 58.5 50.1 75.1

Manual Integrations
APPROVED

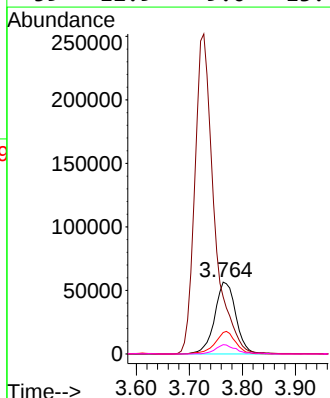
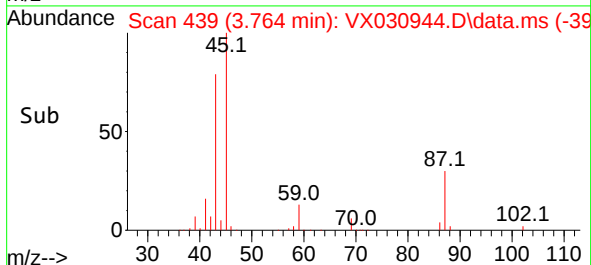
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

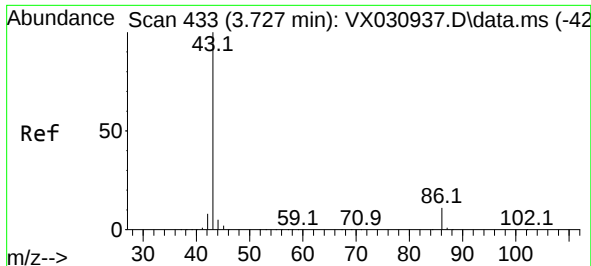


#22
Diisopropyl ether
Concen: 19.623 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion: 45 Resp: 157136
Ion Ratio Lower Upper
45 100
43 78.7 65.4 98.0
87 29.9 22.3 33.5
59 12.9 9.0 13.4





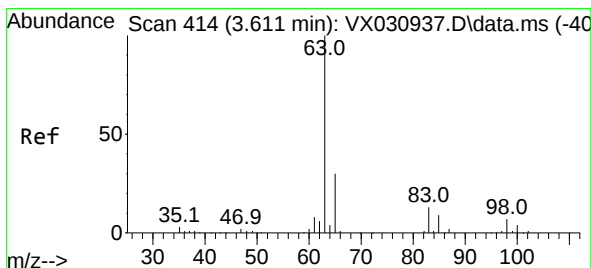
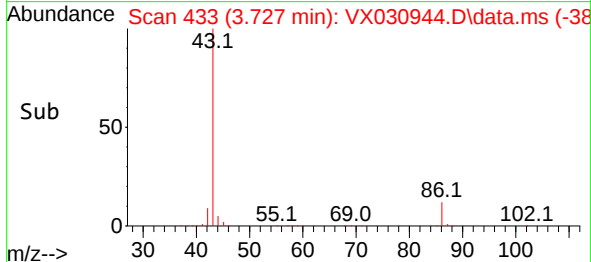
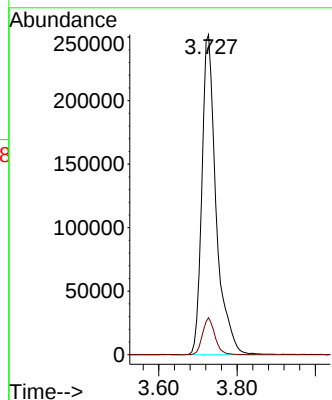
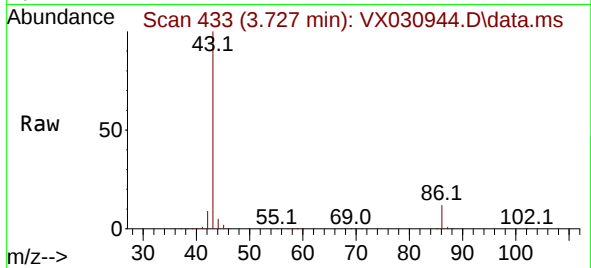
#23
 Vinyl Acetate
 Concen: 99.126 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030944.D
 Acq: 30 Aug 2022 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01

Tgt Ion: 43 Resp: 636824
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.5 12.7

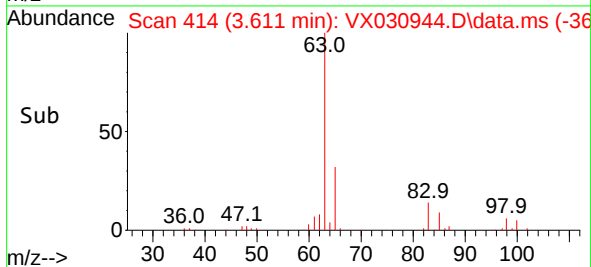
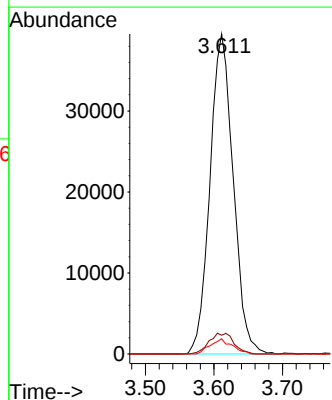
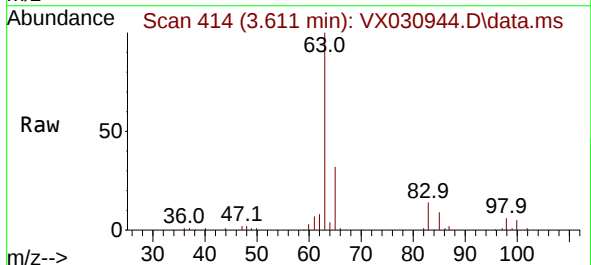
Manual Integrations
 APPROVED

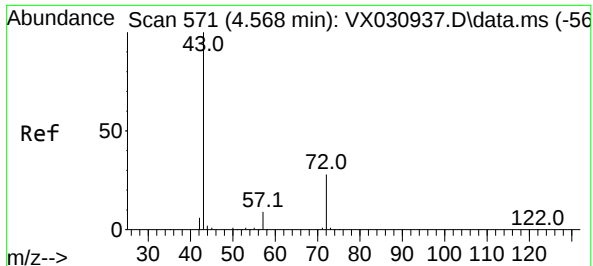
Reviewed By :John Carlone 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022



#24
 1,1-Dichloroethane
 Concen: 19.862 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030944.D
 Acq: 30 Aug 2022 17:22

Tgt Ion: 63 Resp: 93143
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.5
 100 4.7 2.3 6.9





#25

2-Butanone

Concen: 102.149 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 43 Resp: 210990

Ion Ratio Lower Upper

43 100

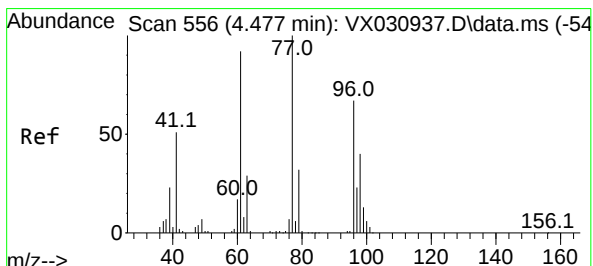
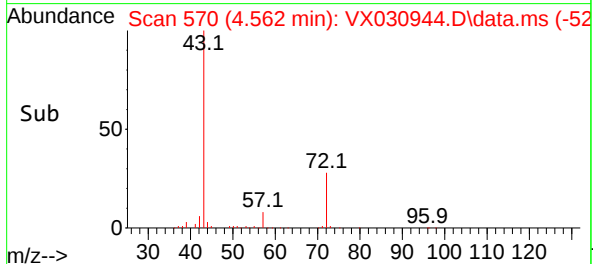
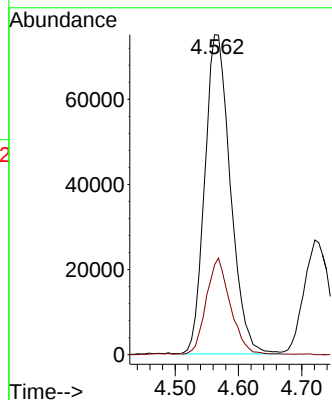
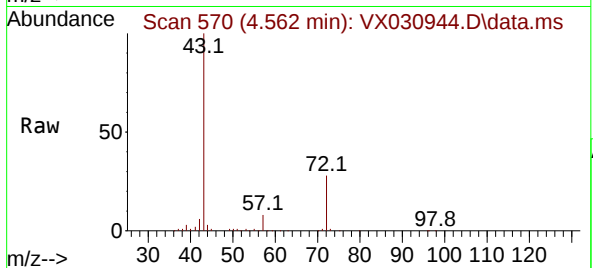
72 27.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#26

2,2-Dichloropropane

Concen: 18.160 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX030944.D

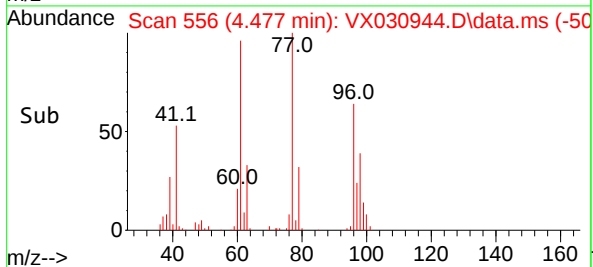
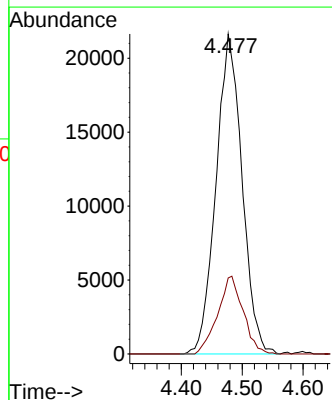
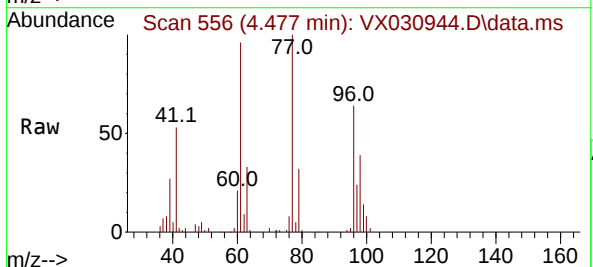
Acq: 30 Aug 2022 17:22

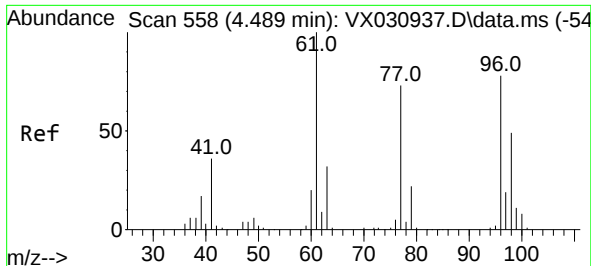
Tgt Ion: 77 Resp: 64175

Ion Ratio Lower Upper

77 100

97 23.7 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 19.585 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 96 Resp: 58620

Ion Ratio Lower Upper

96 100

61 138.4 0.0 270.0

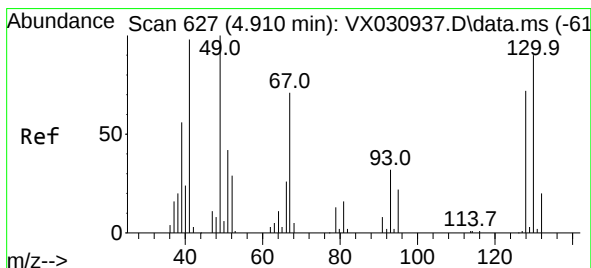
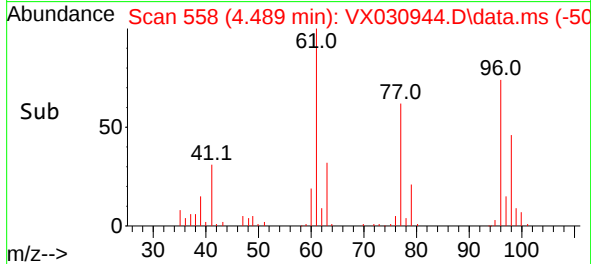
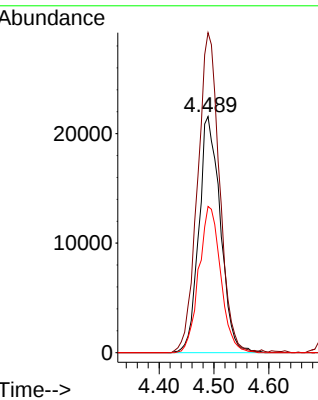
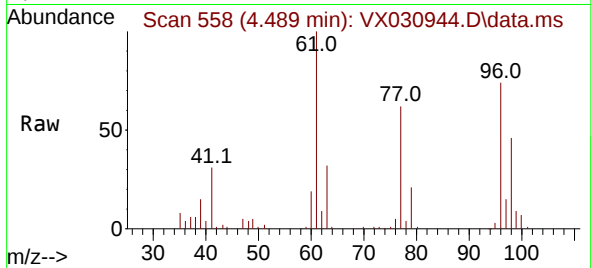
98 62.9 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#28

Bromochloromethane

Concen: 18.767 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

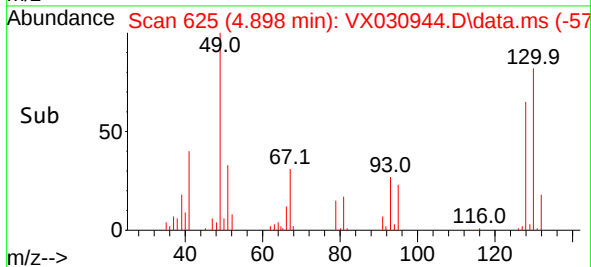
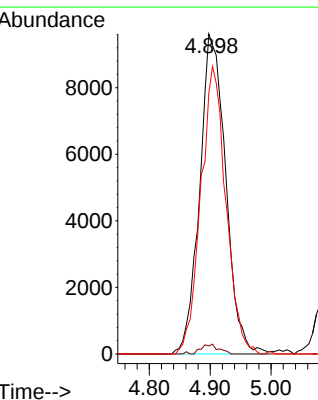
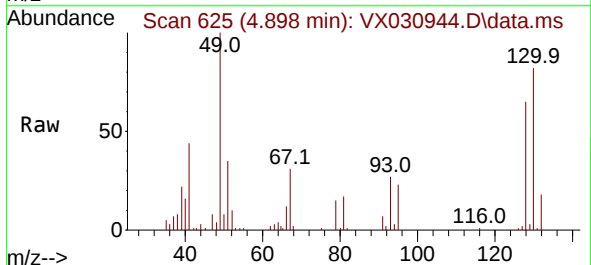
Tgt Ion: 49 Resp: 28469

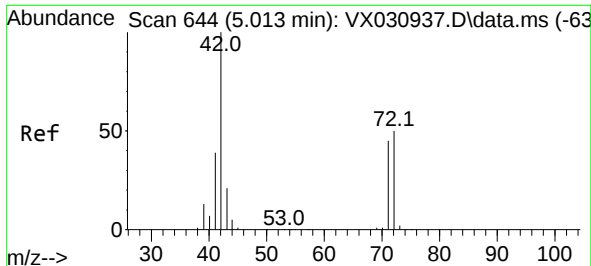
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 86.9 62.8 94.2





#29

Tetrahydrofuran

Concen: 100.234 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 42 Resp: 133934

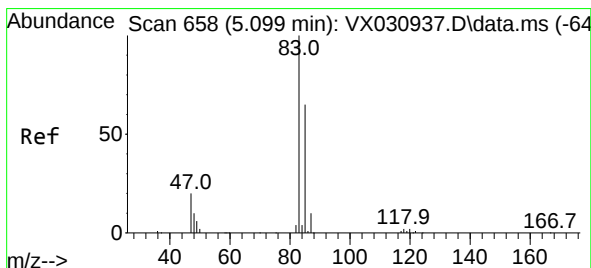
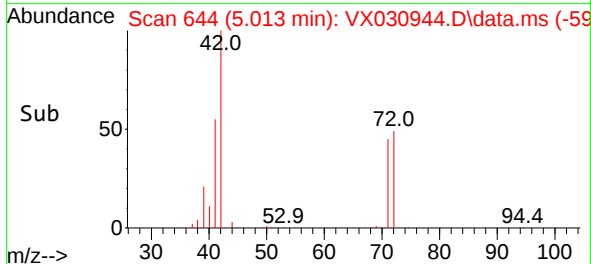
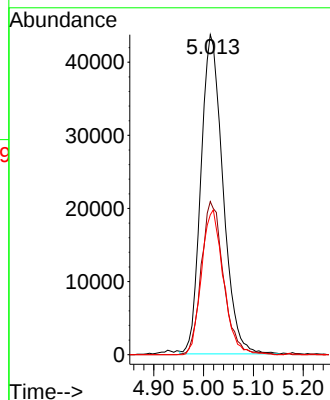
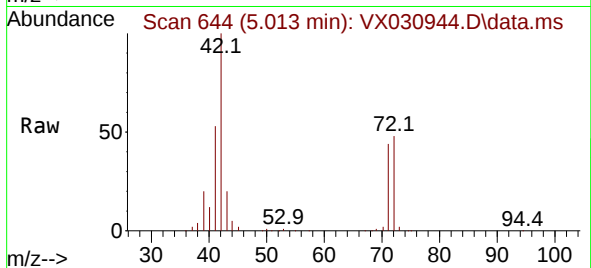
Ion	Ratio	Lower	Upper
42	100		
72	48.3	36.5	54.7
71	45.2	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#30

Chloroform

Concen: 19.528 ug/l

RT: 5.099 min Scan# 658

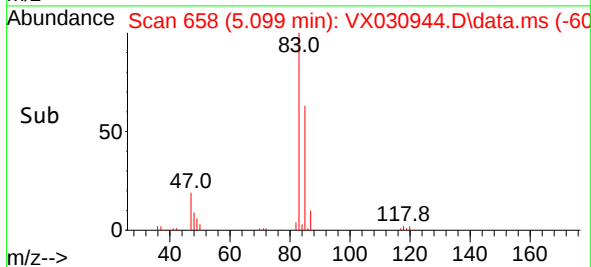
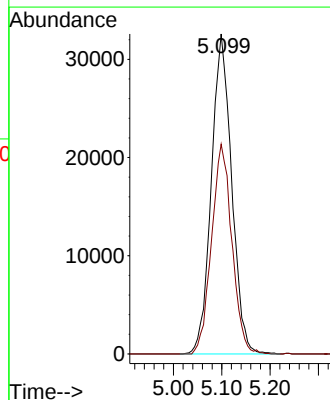
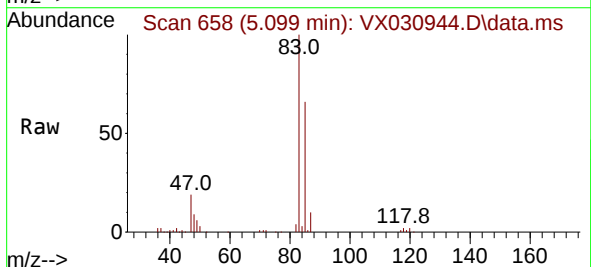
Delta R.T. -0.000 min

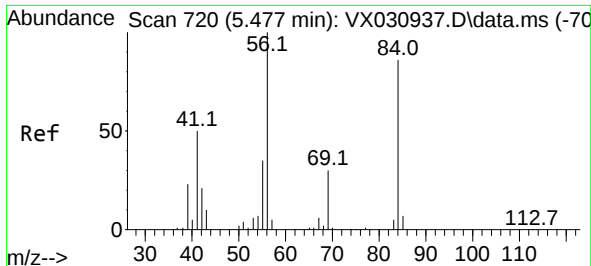
Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Tgt Ion: 83 Resp: 95001

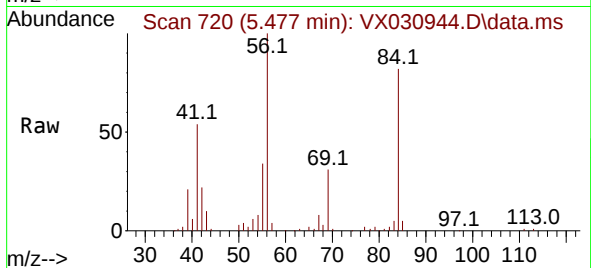
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3





#31
Cyclohexane
Concen: 19.018 ug/l
RT: 5.477 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

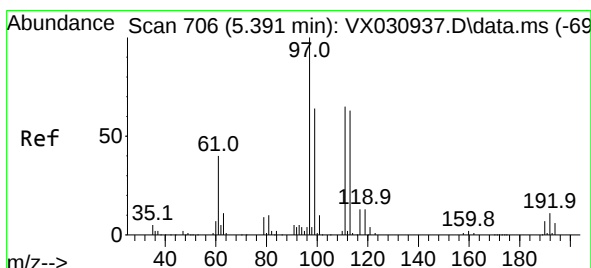
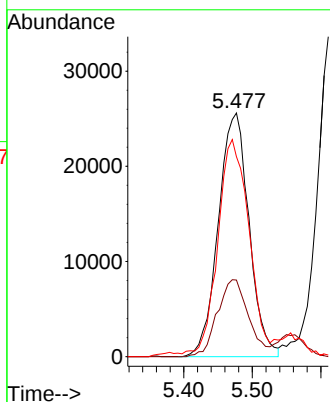
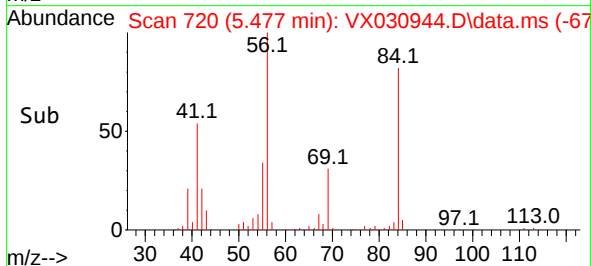
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



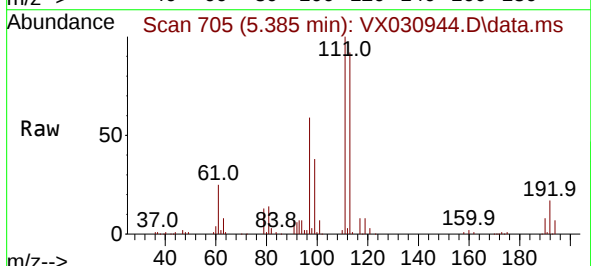
Tgt Ion: 56 Resp: 7957
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.0
84 80.6 68.9 103.3

Manual Integrations
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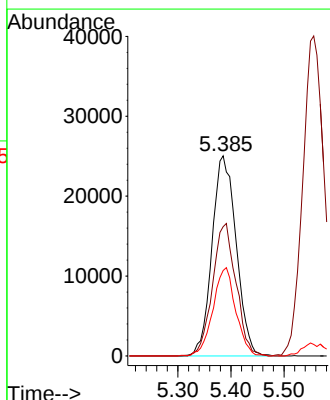
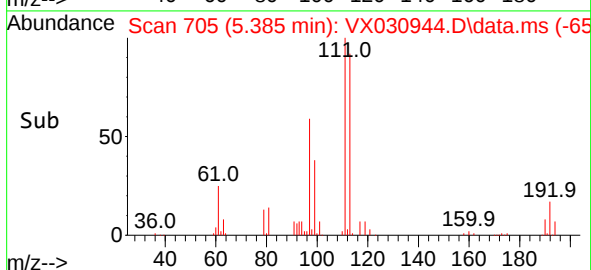
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

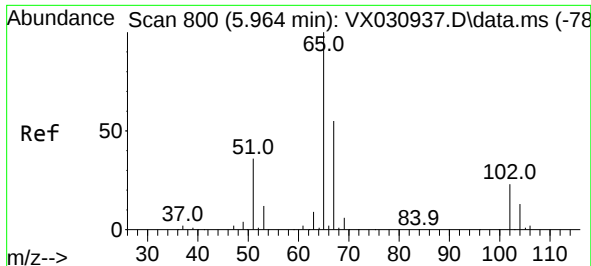


#32
1,1,1-Trichloroethane
Concen: 19.214 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion: 97 Resp: 79241
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 41.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.281 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 65 Resp: 136492

Ion Ratio Lower Upper

65 100

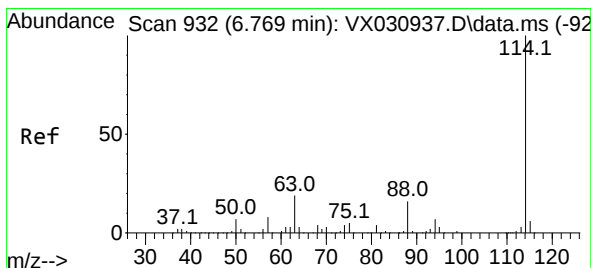
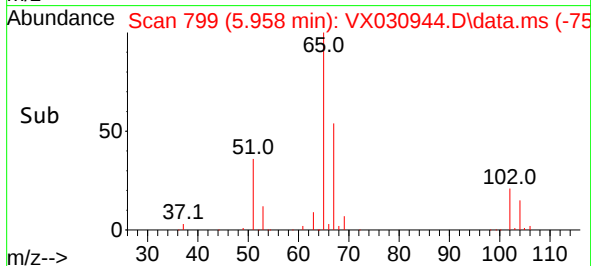
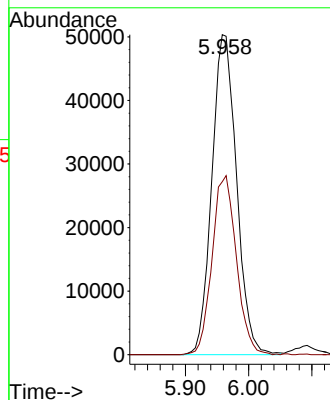
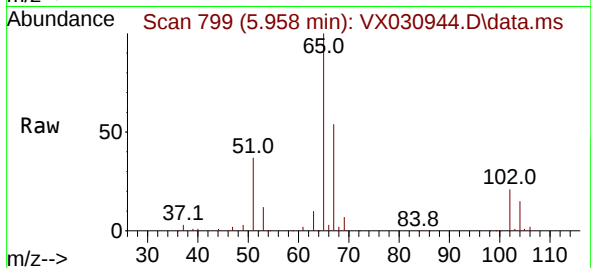
67 55.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

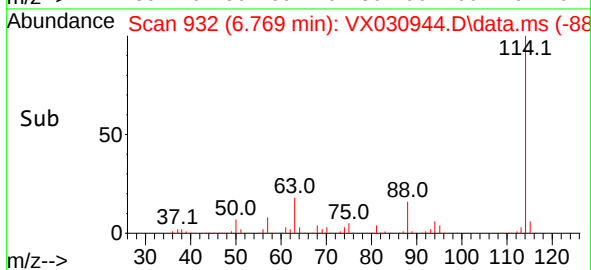
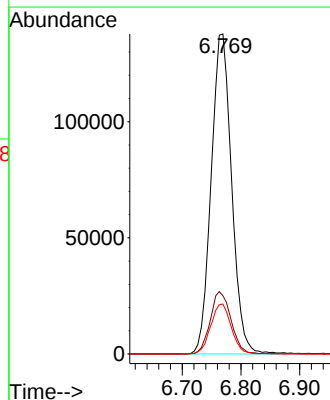
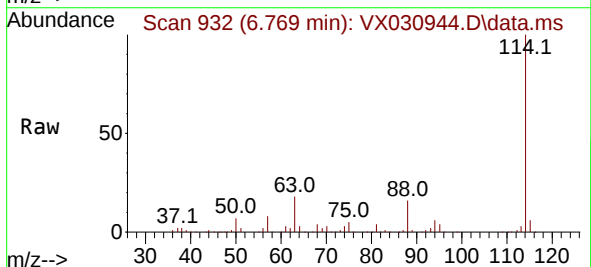
Tgt Ion:114 Resp: 332967

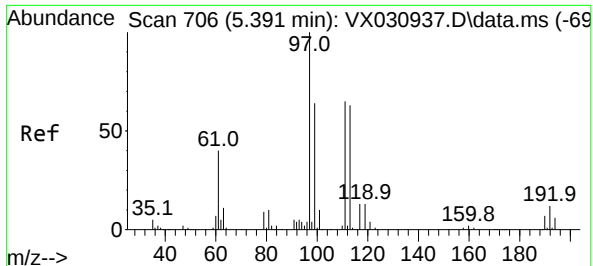
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

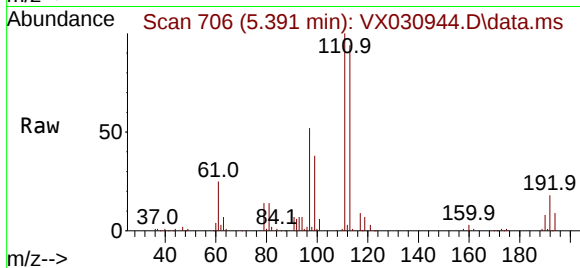
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.389 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

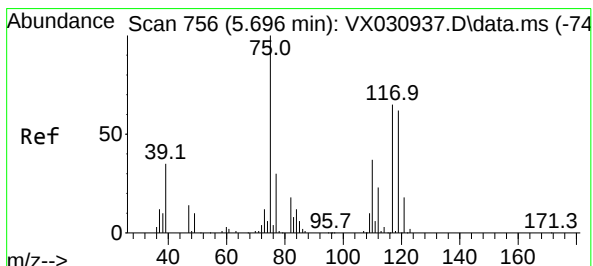
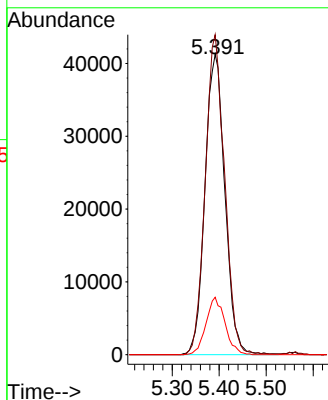
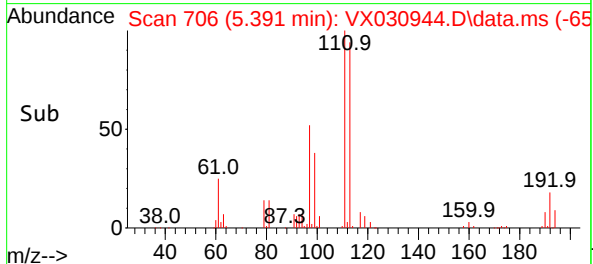
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 113 Resp: 121224
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.3 14.8 22.2

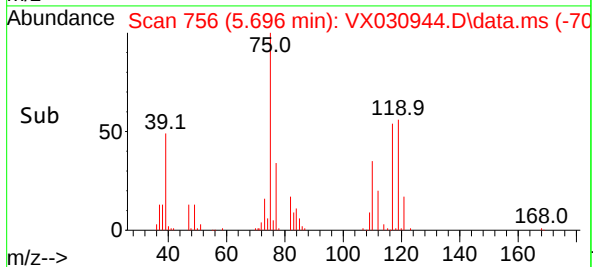
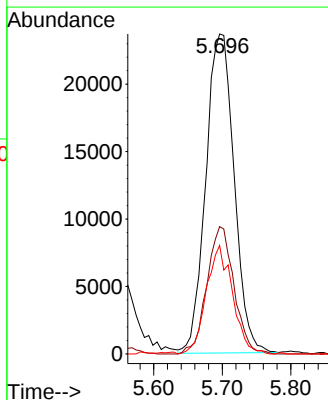
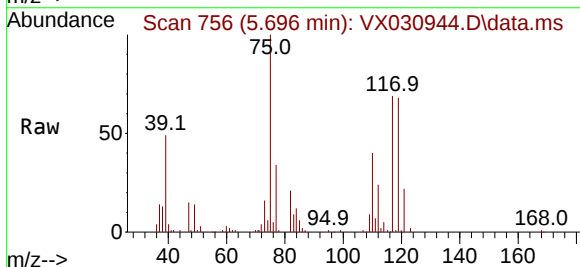
Manual Integrations
APPROVED

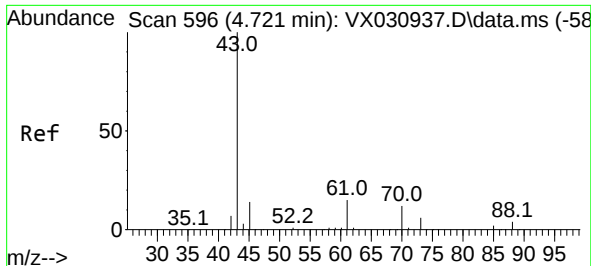
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#36
1,1-Dichloropropene
Concen: 18.650 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion: 75 Resp: 68035
Ion Ratio Lower Upper
75 100
110 38.0 19.3 57.9
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 20.175 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

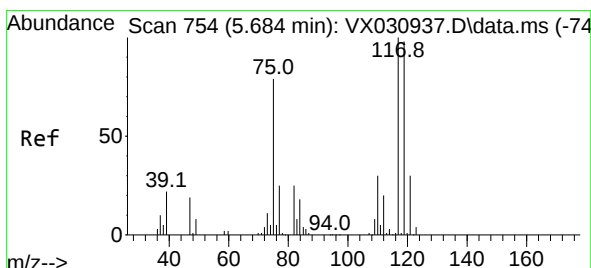
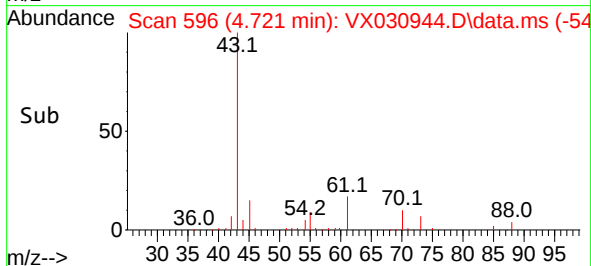
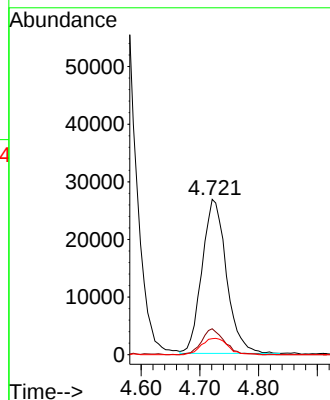
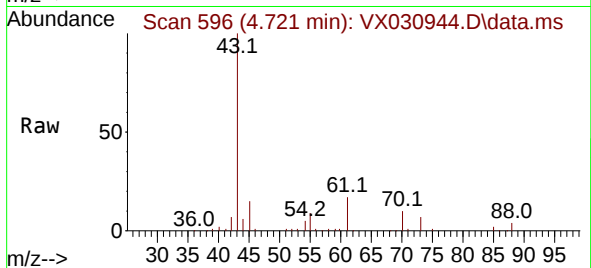
Tgt Ion:	43	Resp:	7737
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.7	17.5
70	11.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#38

Carbon Tetrachloride

Concen: 19.508 ug/l

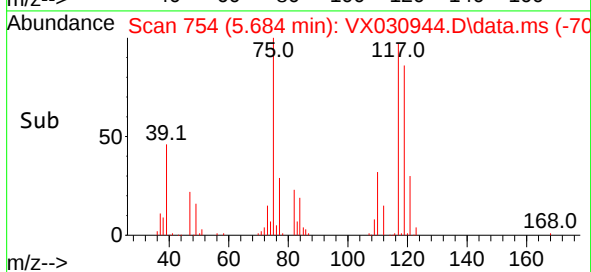
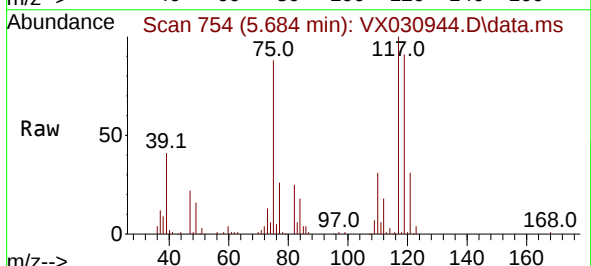
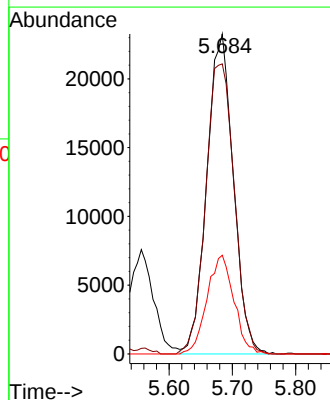
RT: 5.684 min Scan# 754

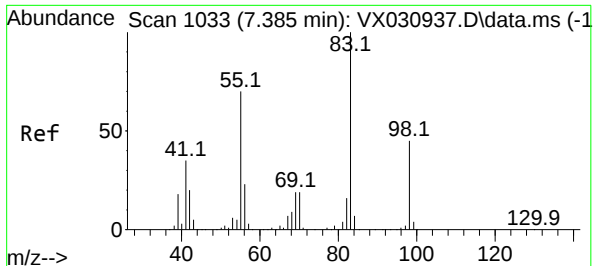
Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Tgt Ion:	117	Resp:	67751
Ion	Ratio	Lower	Upper
117	100		
119	90.6	74.1	111.1
121	30.8	25.8	38.8





#39

Methylcyclohexane

Concen: 18.854 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

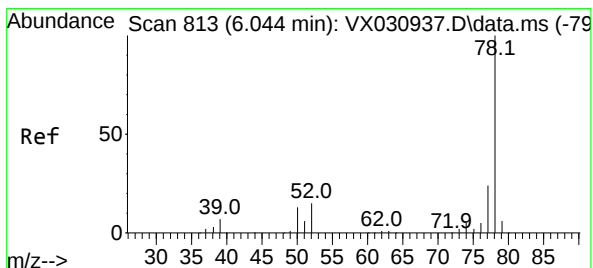
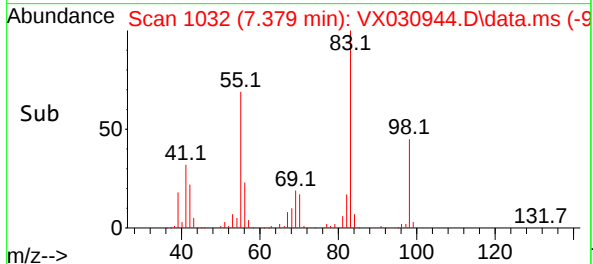
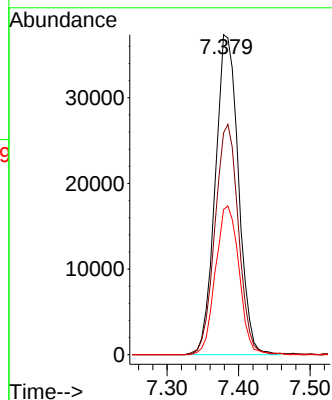
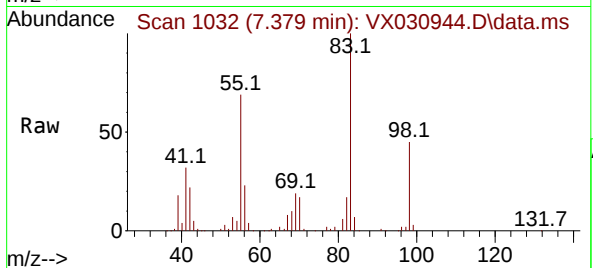
Tgt Ion: 83 Resp: 84128
 Ion Ratio Lower Upper
 83 100
 55 69.3 57.7 86.5
 98 45.3 36.5 54.7

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#40

Benzene

Concen: 19.677 ug/l

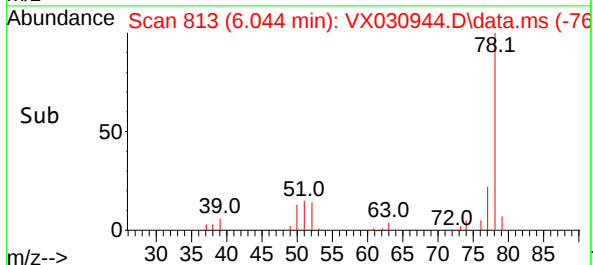
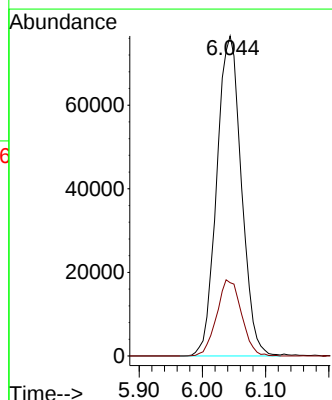
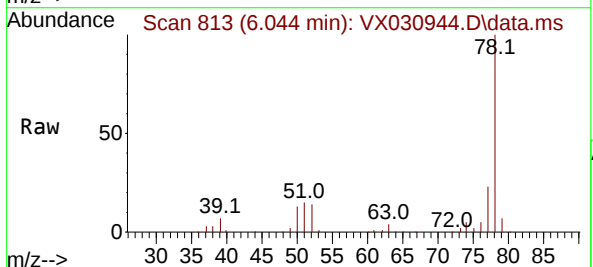
RT: 6.044 min Scan# 813

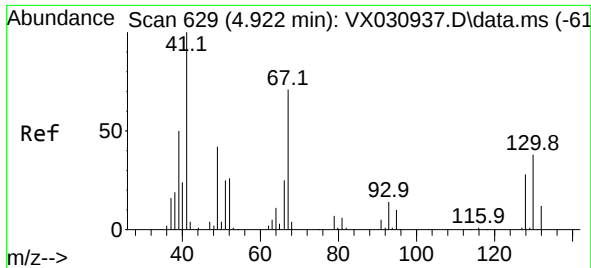
Delta R.T. -0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

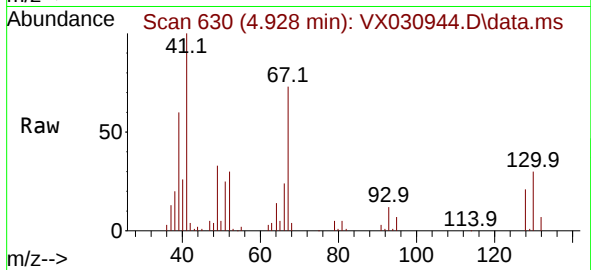
Tgt Ion: 78 Resp: 206885
 Ion Ratio Lower Upper
 78 100
 77 22.9 18.0 27.0





#41
Methacrylonitrile
Concen: 20.257 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

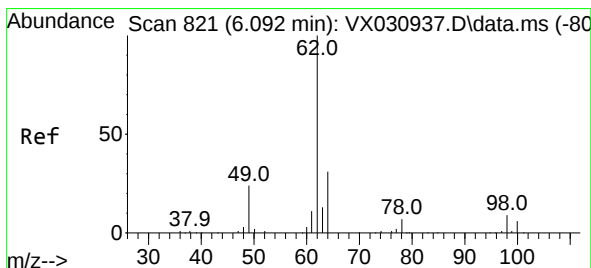
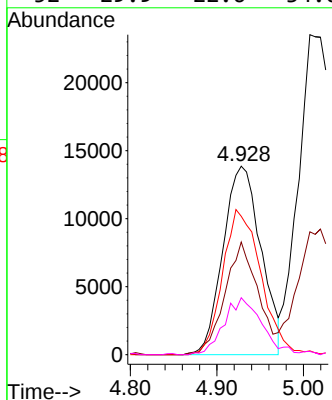
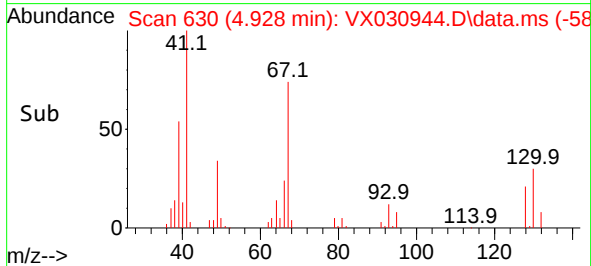
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 41 Resp: 4219
Ion Ratio Lower Upper
41 100
39 51.5 42.9 64.3
67 77.9 60.1 90.1
52 29.9 22.6 34.0

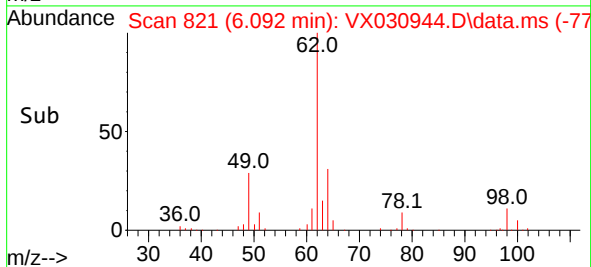
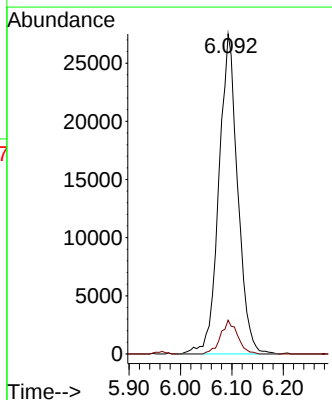
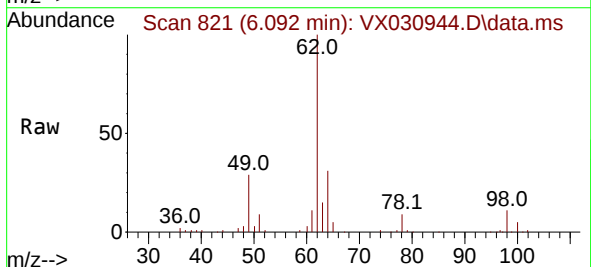
Manual Integrations
APPROVED

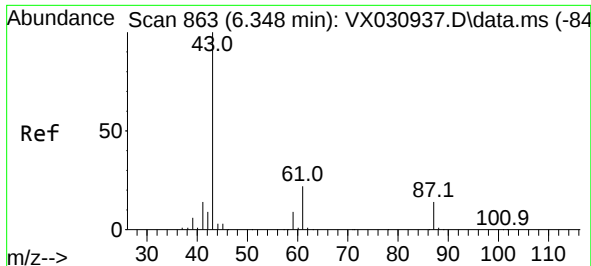
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#42
1,2-Dichloroethane
Concen: 20.069 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion: 62 Resp: 70096
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





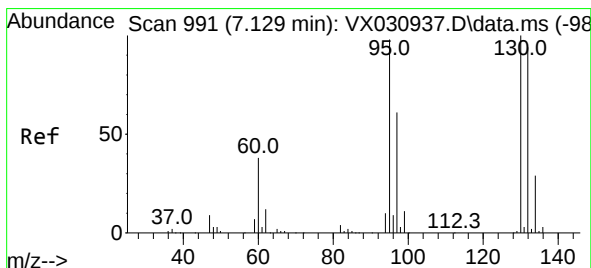
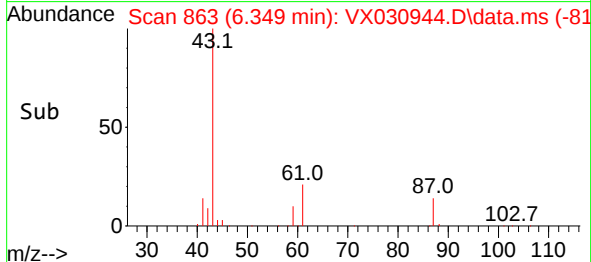
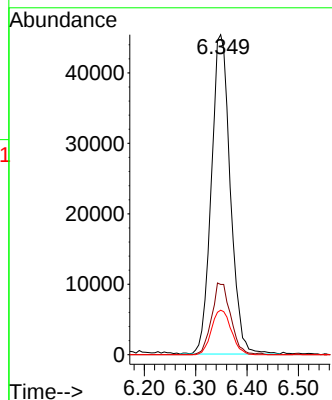
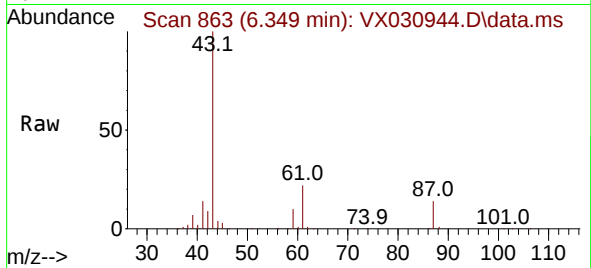
#43
Isopropyl Acetate
Concen: 19.527 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion: 43 Resp: 11621
Ion Ratio Lower Upper
43 100
61 22.3 16.5 24.7
87 14.5 11.1 16.7

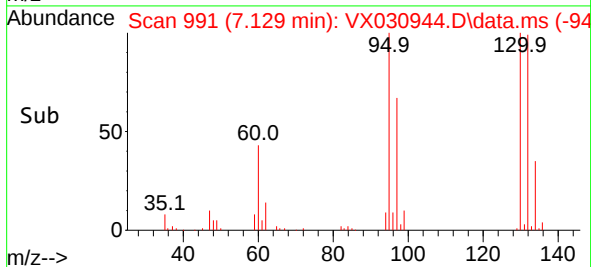
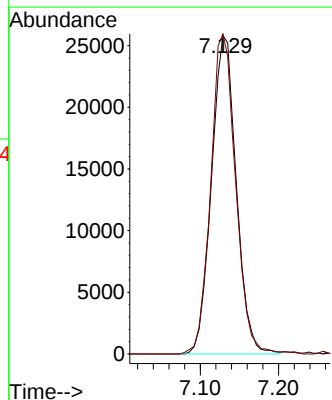
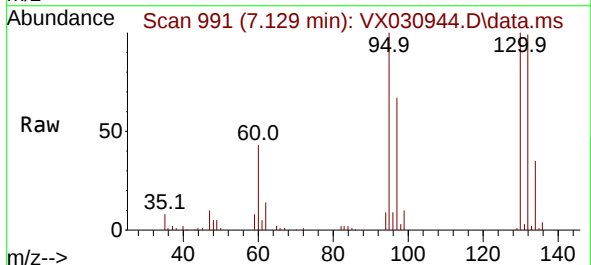
Manual Integrations
APPROVED

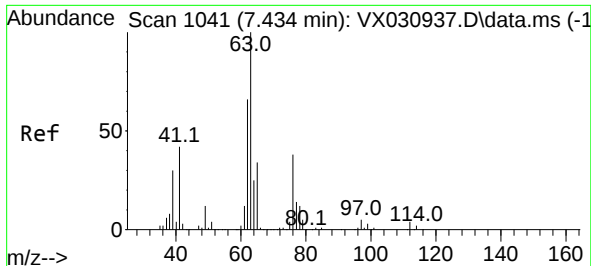
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#44
Trichloroethene
Concen: 18.274 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion:130 Resp: 56605
Ion Ratio Lower Upper
130 100
95 100.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 18.814 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 63 Resp: 5280

Ion Ratio Lower Upper

63 100

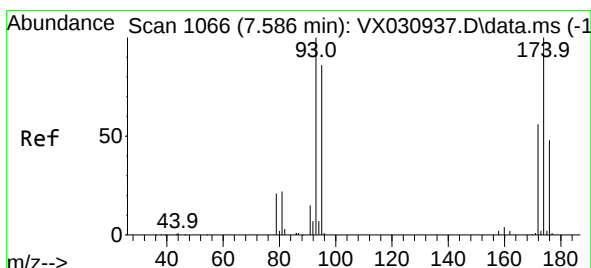
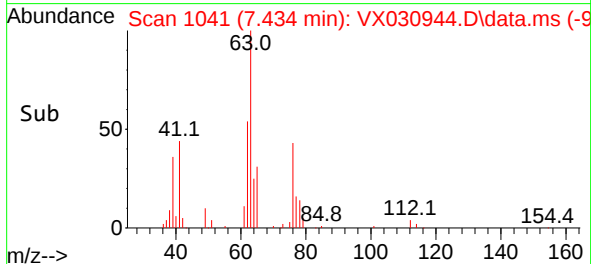
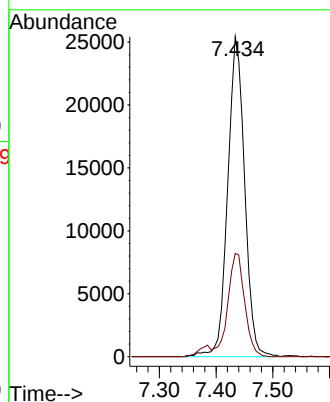
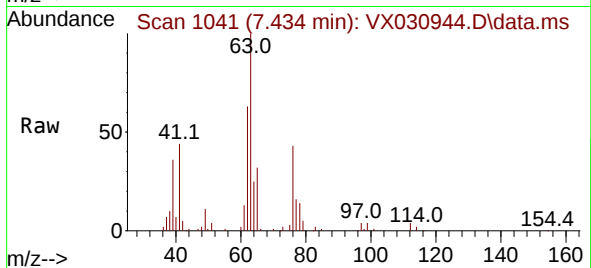
65 32.3 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#46

Dibromomethane

Concen: 19.858 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

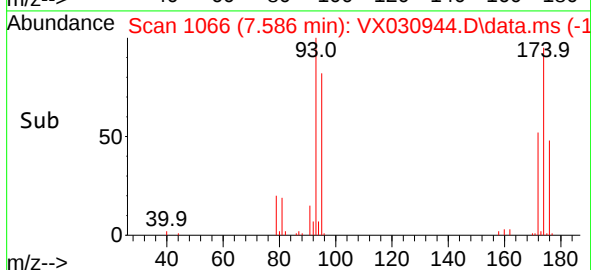
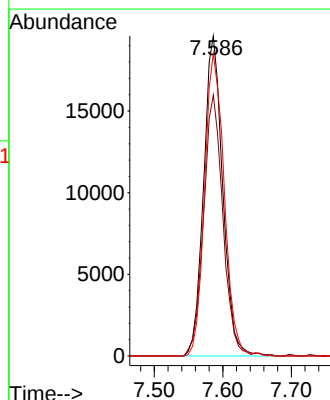
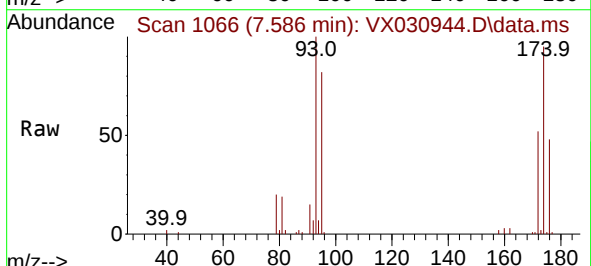
Tgt Ion: 93 Resp: 38060

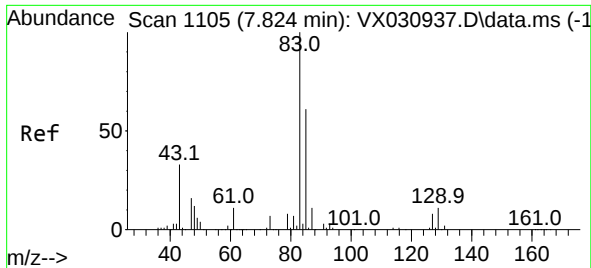
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.0

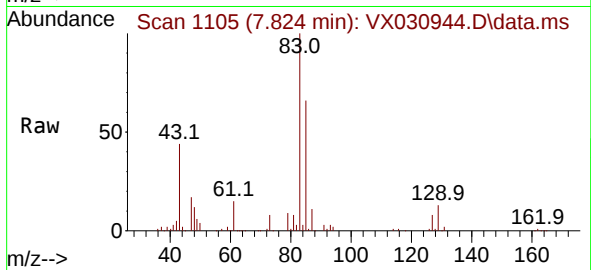
174 96.8 75.6 113.4





#47
Bromodichloromethane
Concen: 18.854 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

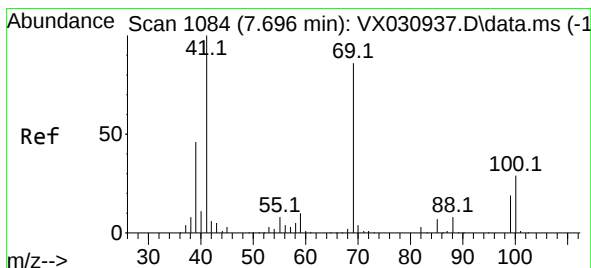
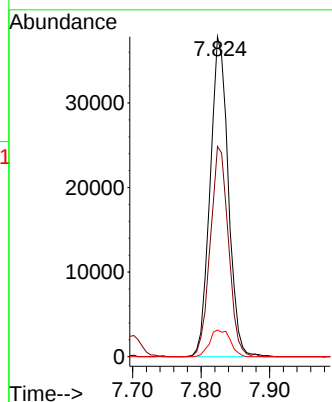
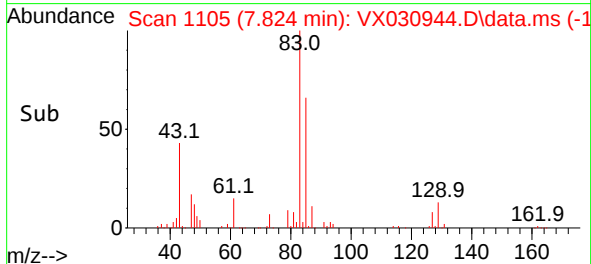
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 83 Resp: 6946
Ion Ratio Lower Upper
83 100
85 65.7 53.5 80.3
127 8.3 6.6 10.0

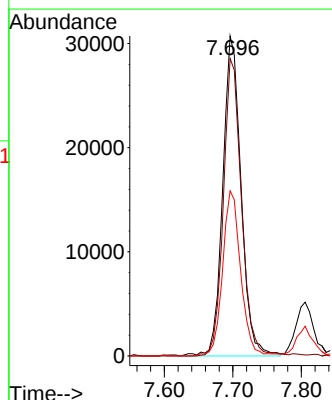
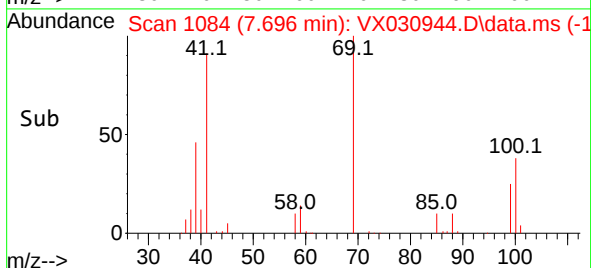
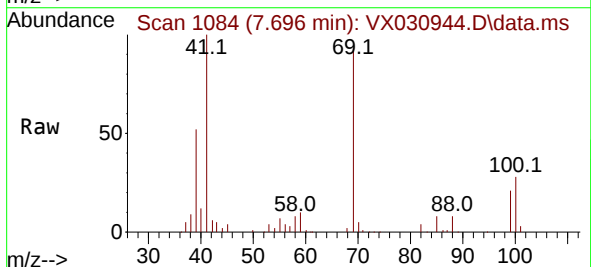
Manual Integrations
APPROVED

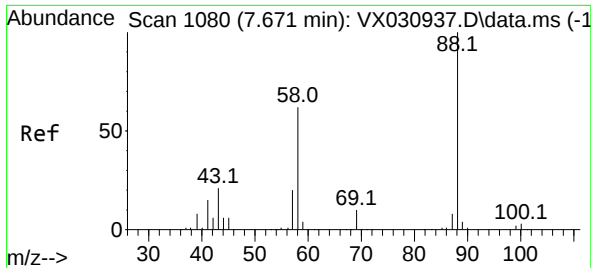
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#48
Methyl methacrylate
Concen: 19.088 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

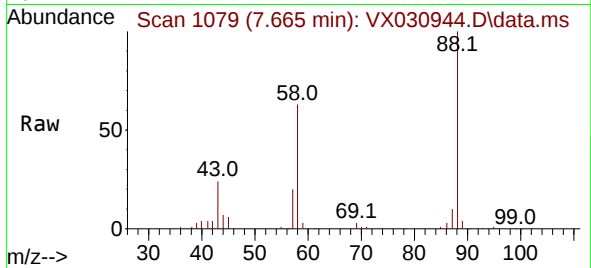
Tgt Ion: 41 Resp: 56860
Ion Ratio Lower Upper
41 100
69 91.7 68.8 103.2
39 51.1 44.6 66.8





#49
1,4-Dioxane
Concen: 429.749 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

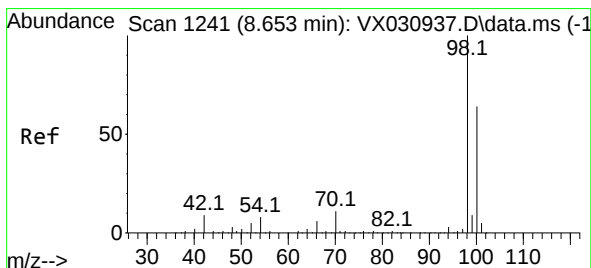
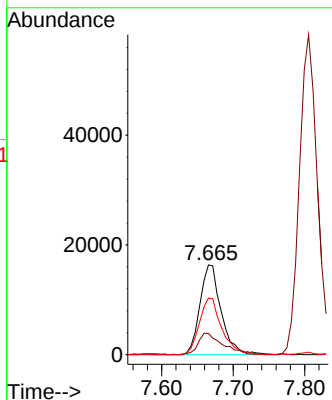
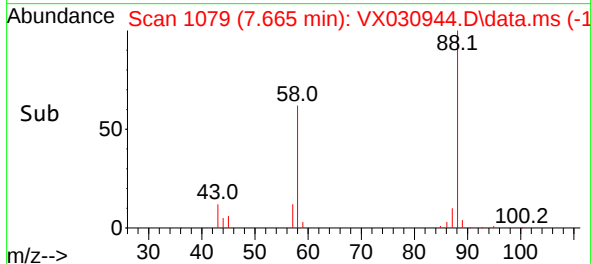
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 88 Resp: 33644
Ion Ratio Lower Upper
88 100
43 27.7 23.8 35.8
58 66.5 53.8 80.6

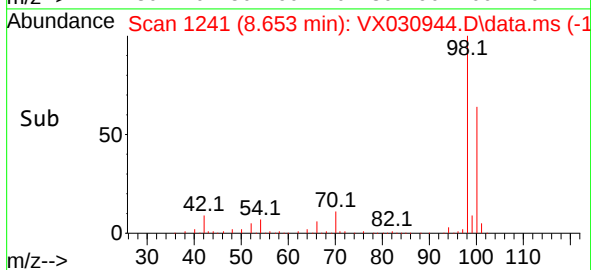
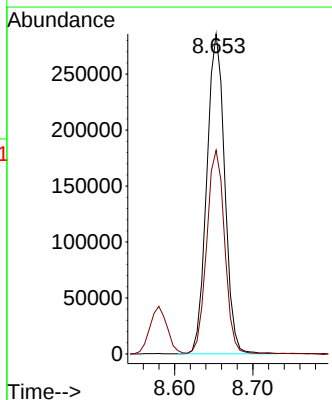
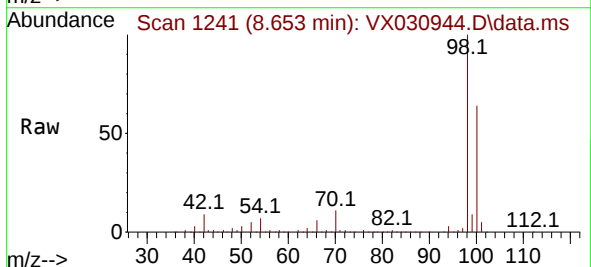
Manual Integrations
APPROVED

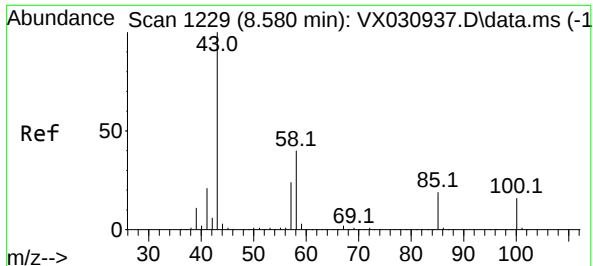
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#50
Toluene-d8
Concen: 49.858 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion: 98 Resp: 453197
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 100.577 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 43 Resp: 395068

Ion Ratio Lower Upper

43 100

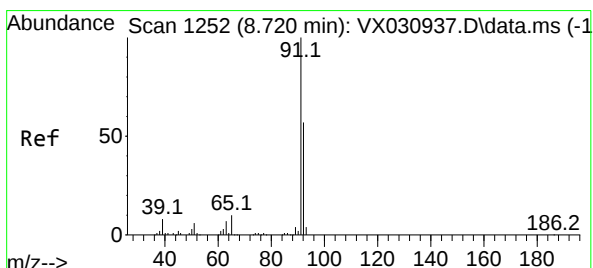
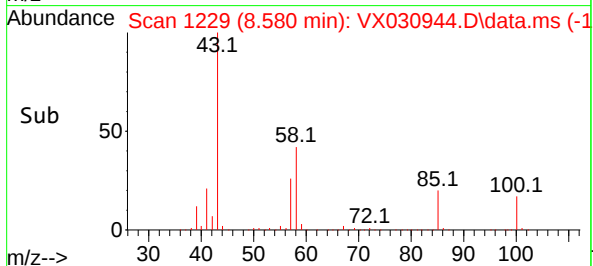
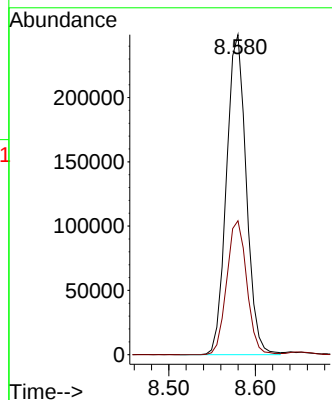
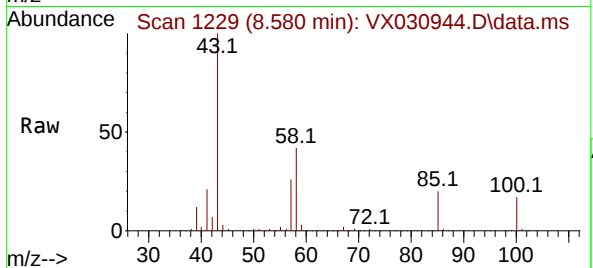
58 42.4 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#52

Toluene

Concen: 20.521 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030944.D

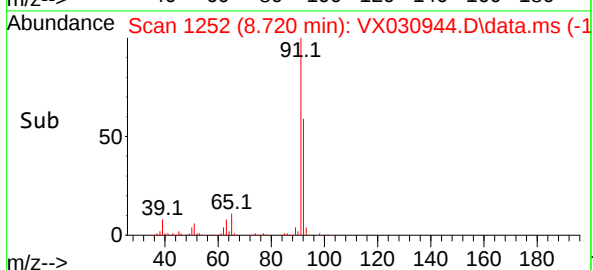
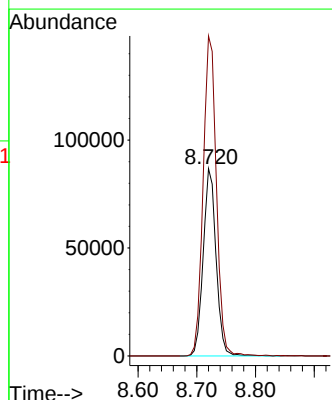
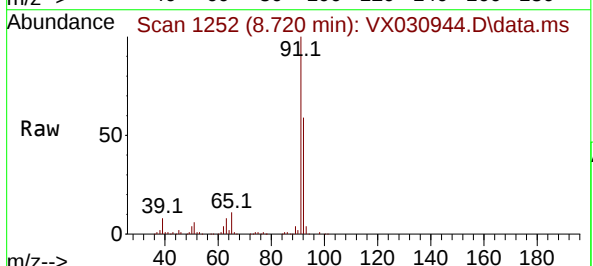
Acq: 30 Aug 2022 17:22

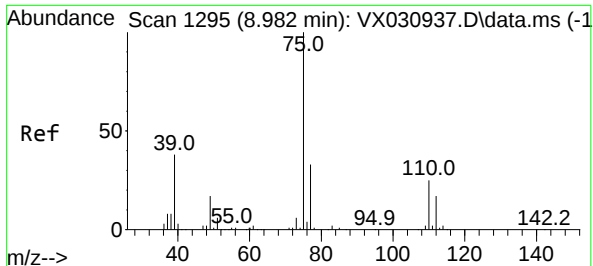
Tgt Ion: 92 Resp: 131834

Ion Ratio Lower Upper

92 100

91 175.6 139.2 208.8





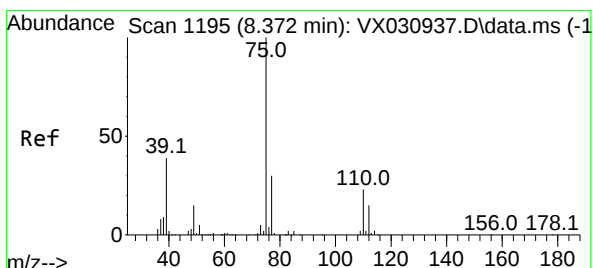
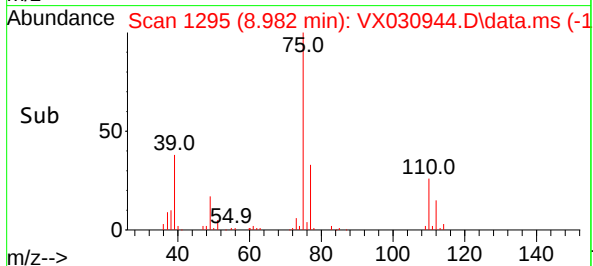
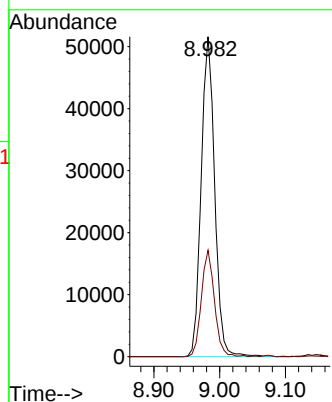
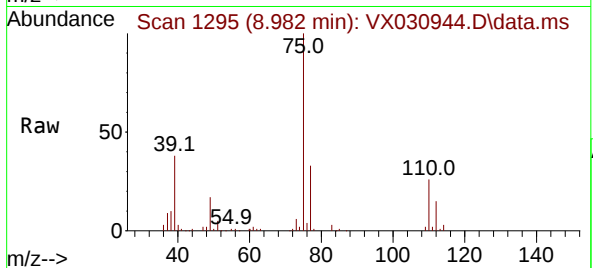
#53
t-1,3-Dichloropropene
Concen: 19.852 ug/l
RT: 8.982 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion: 75 Resp: 73800
Ion Ratio Lower Upper
75 100
77 33.3 26.3 39.5

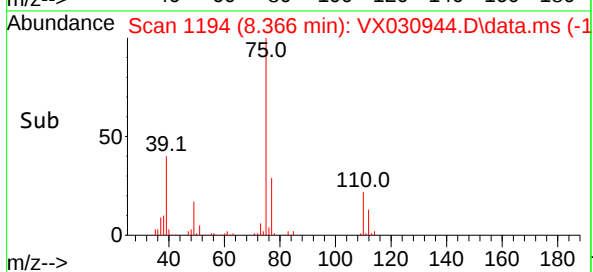
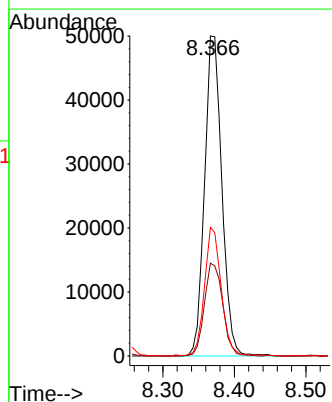
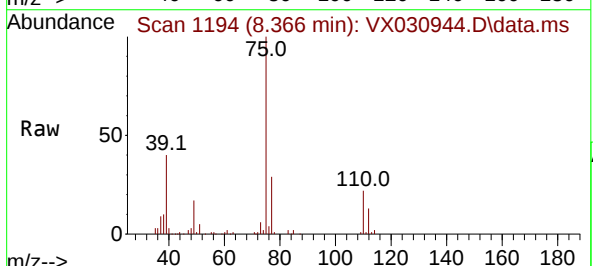
Manual Integrations
APPROVED

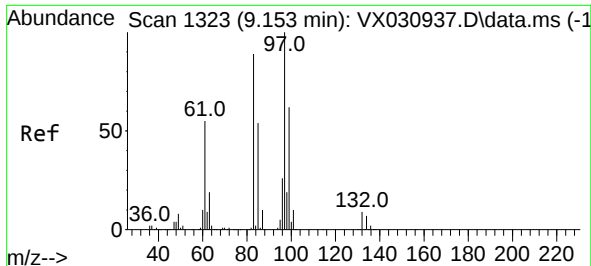
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#54
cis-1,3-Dichloropropene
Concen: 19.784 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion: 75 Resp: 84146
Ion Ratio Lower Upper
75 100
77 29.0 25.0 37.4
39 40.2 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 19.644 ug/l

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 97 Resp: 5474

Ion Ratio Lower Upper

97 100

83 86.2 68.9 103.3

85 53.3 44.0 66.0

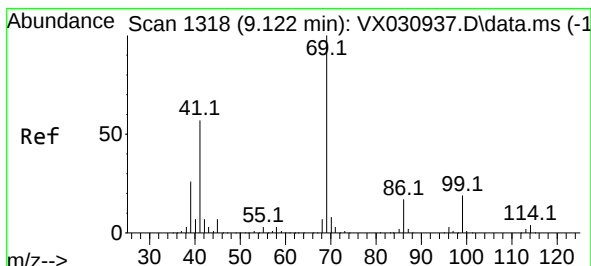
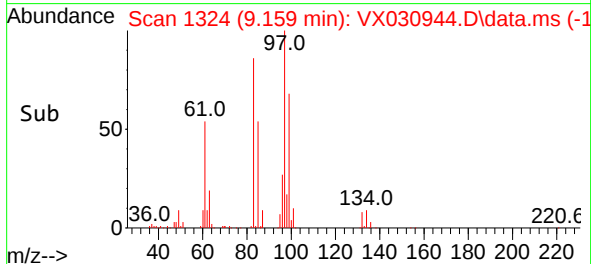
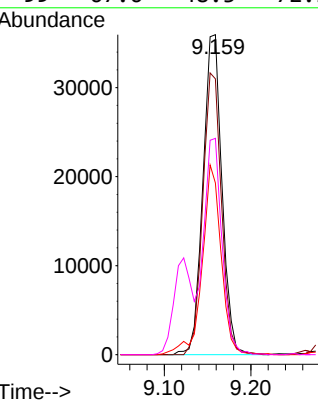
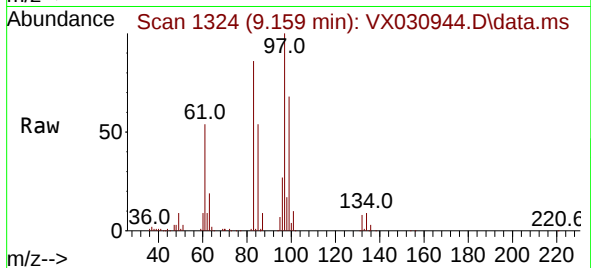
99 67.6 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#56

Ethyl methacrylate

Concen: 20.722 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

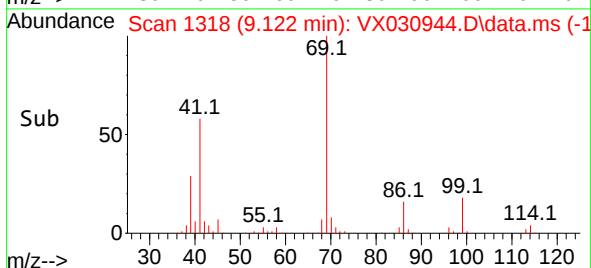
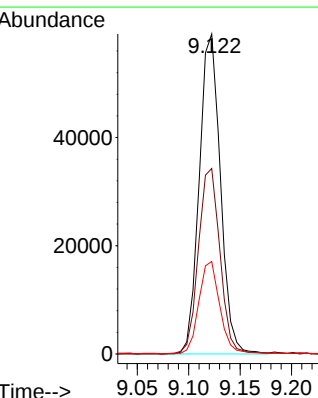
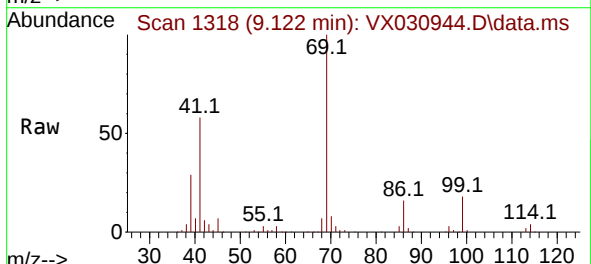
Tgt Ion: 69 Resp: 84573

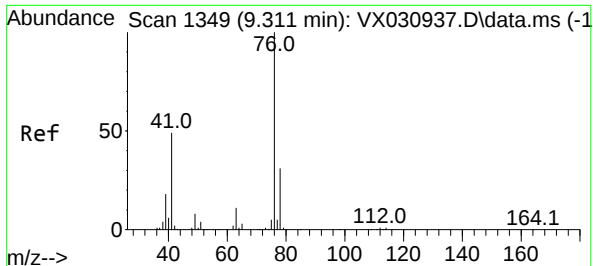
Ion Ratio Lower Upper

69 100

41 59.6 52.3 78.5

39 29.0 28.2 42.4





#57

1,3-Dichloropropane

Concen: 20.241 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

Tgt Ion: 76 Resp: 9303

Ion Ratio Lower Upper

76 100

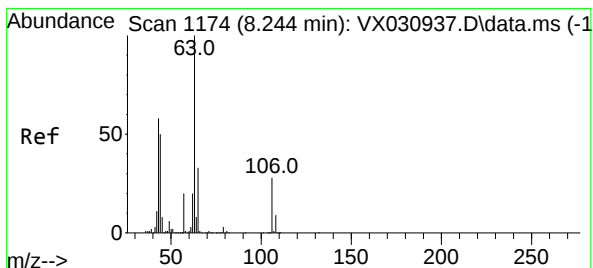
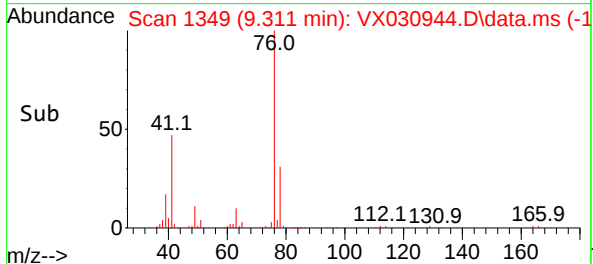
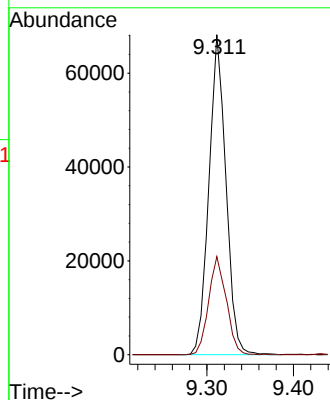
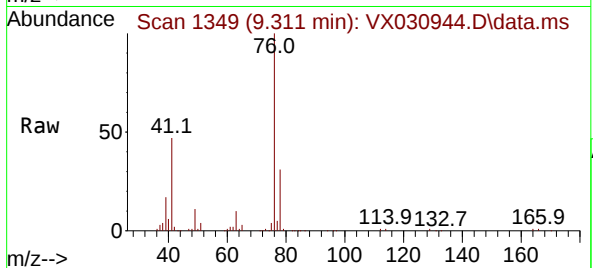
78 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 90.360 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VX030944.D

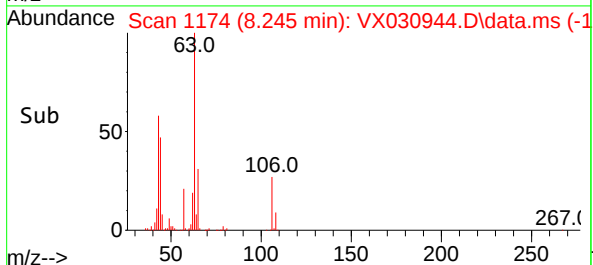
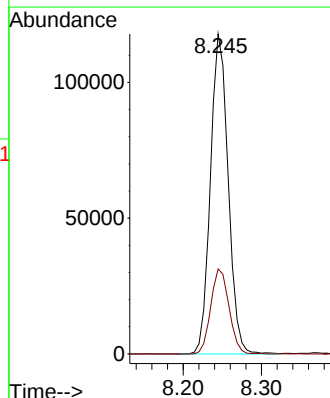
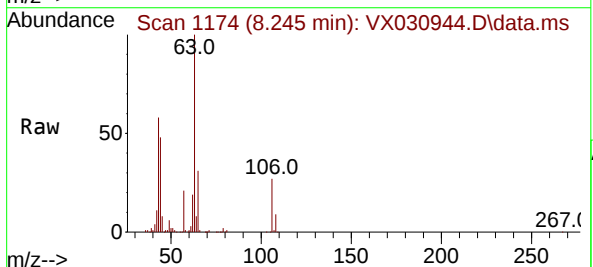
Acq: 30 Aug 2022 17:22

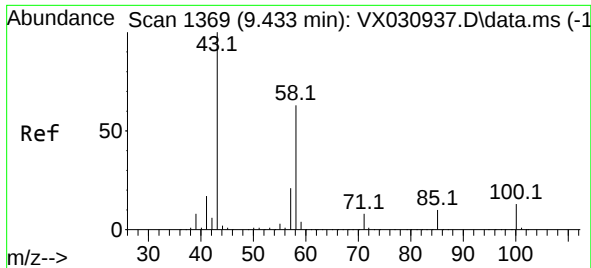
Tgt Ion: 63 Resp: 185225

Ion Ratio Lower Upper

63 100

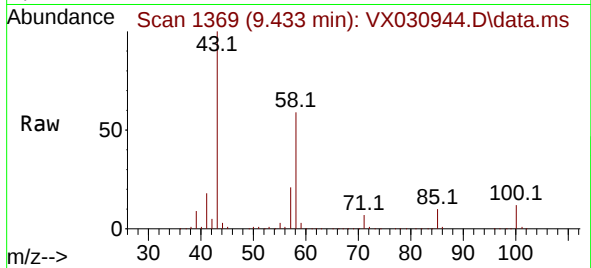
106 27.3 22.2 33.2





#59
2-Hexanone
Concen: 106.450 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

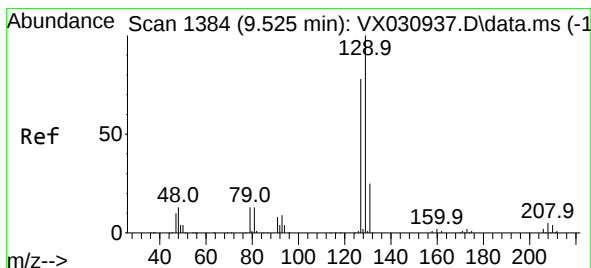
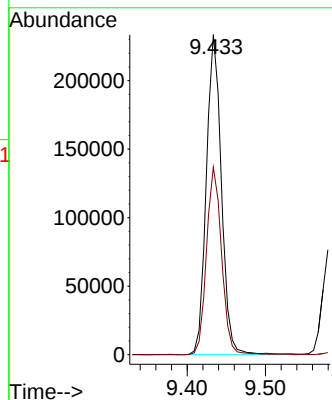
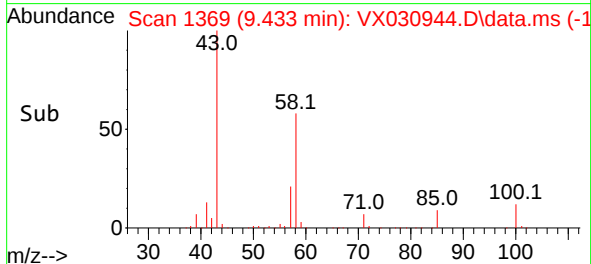
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 43 Resp: 31093
Ion Ratio Lower Upper
43 100
58 58.7 27.6 82.8

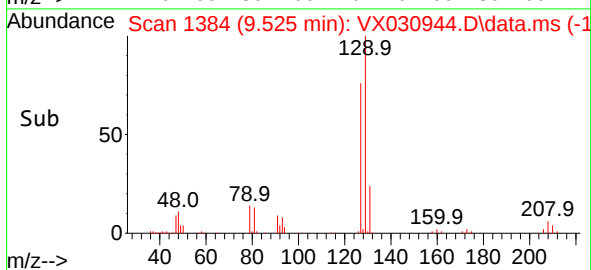
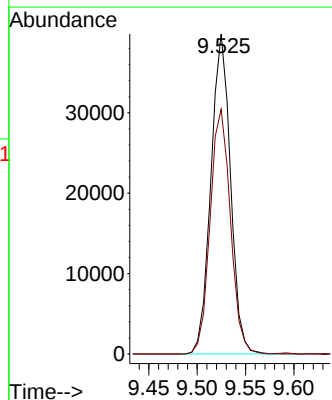
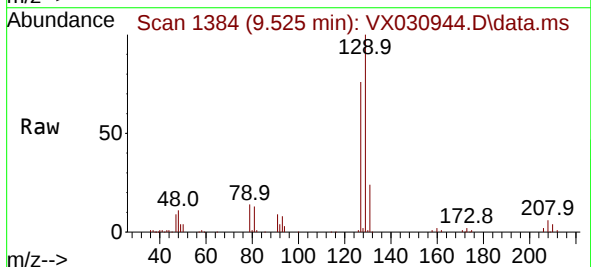
Manual Integrations
APPROVED

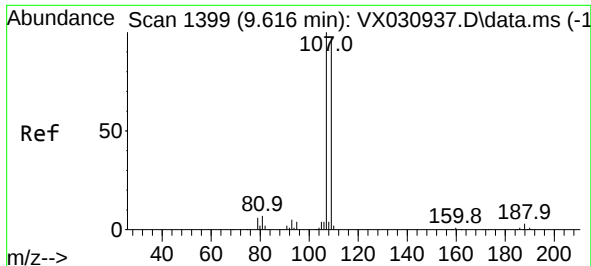
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#60
Dibromochloromethane
Concen: 20.238 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

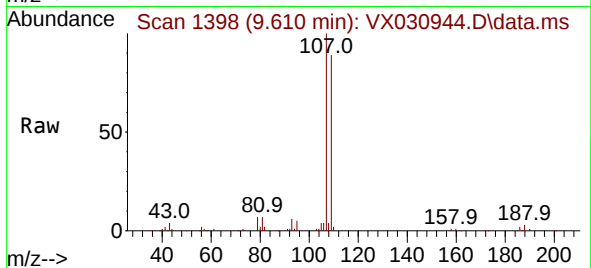
Tgt Ion:129 Resp: 56051
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.305 ug/l
RT: 9.610 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

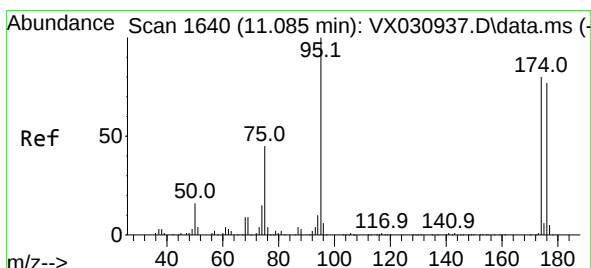
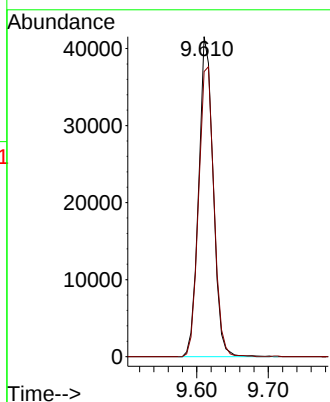
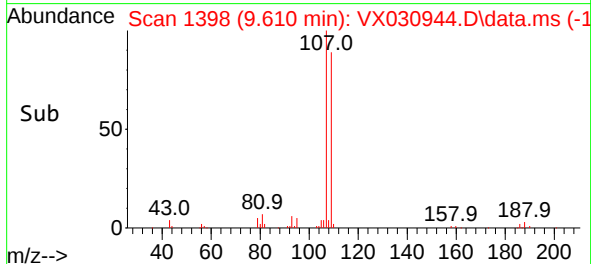
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion:107 Resp: 5842
Ion Ratio Lower Upper
107 100
109 96.0 76.6 114.8

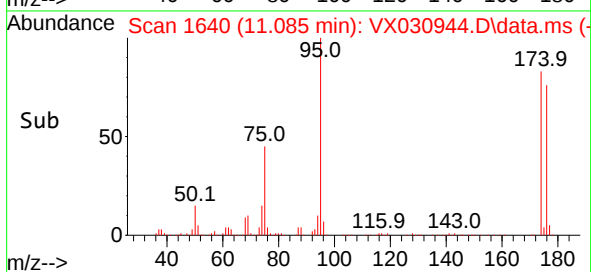
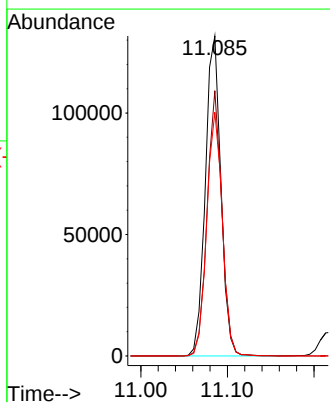
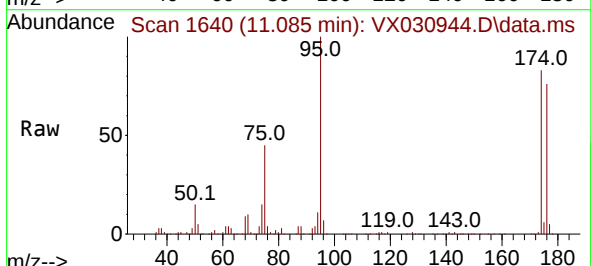
Manual Integrations
APPROVED

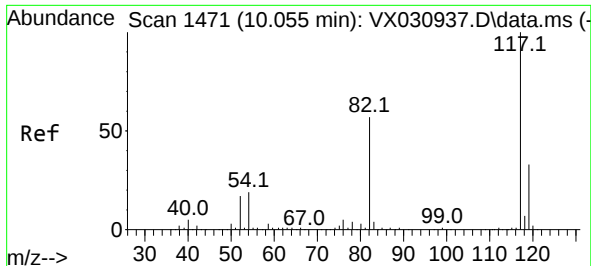
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#62
4-Bromofluorobenzene
Concen: 50.703 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

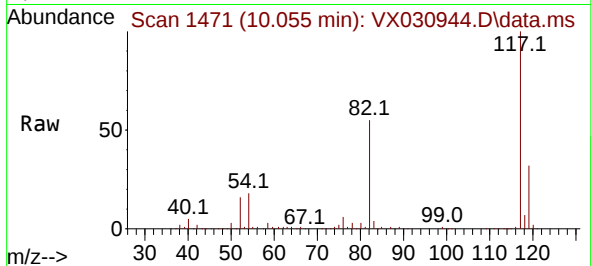
Tgt Ion: 95 Resp: 164121
Ion Ratio Lower Upper
95 100
174 79.1 0.0 149.0
176 76.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

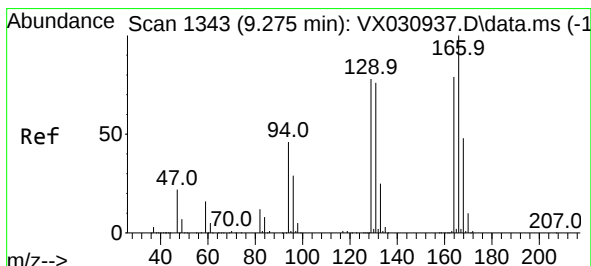
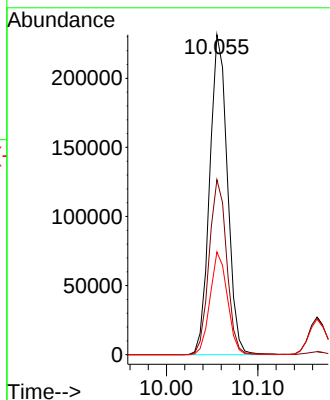
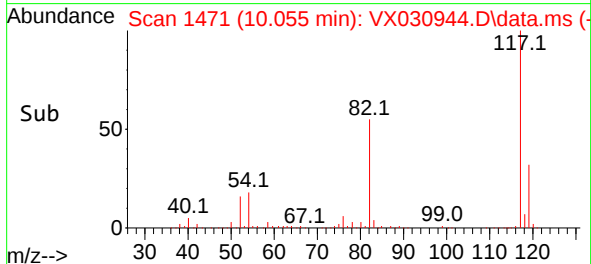
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion:117 Resp: 311214
Ion Ratio Lower Upper
117 100
82 54.7 42.7 64.1
119 32.1 25.4 38.2

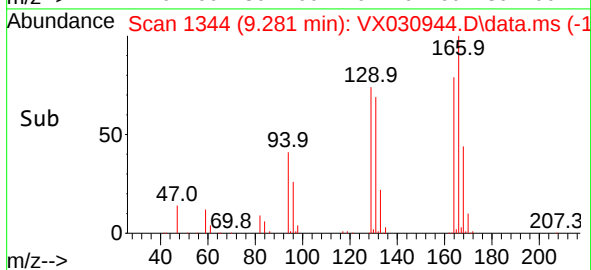
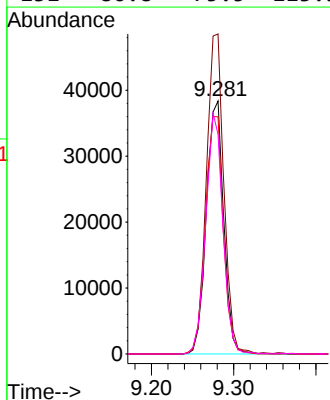
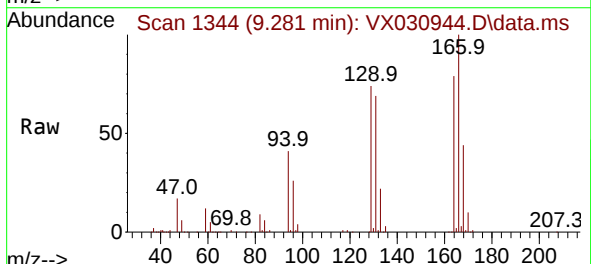
Manual Integrations
APPROVED

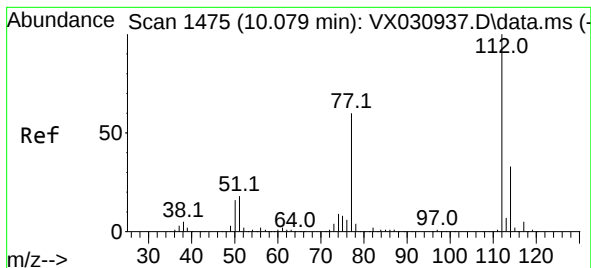
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#64
Tetrachloroethene
Concen: 19.091 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

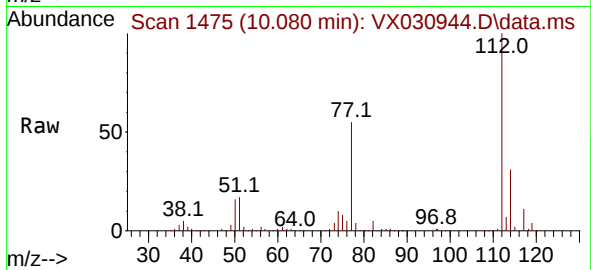
Tgt Ion:164 Resp: 56197
Ion Ratio Lower Upper
164 100
166 126.5 98.2 147.4
129 93.8 80.8 121.2
131 86.8 75.5 113.3





#65
Chlorobenzene
Concen: 19.623 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

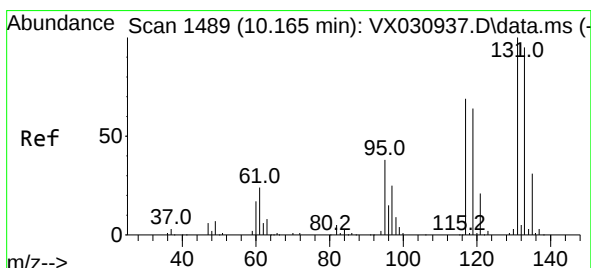
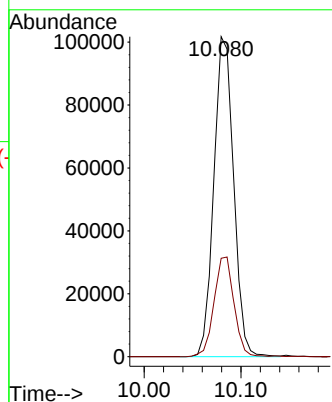
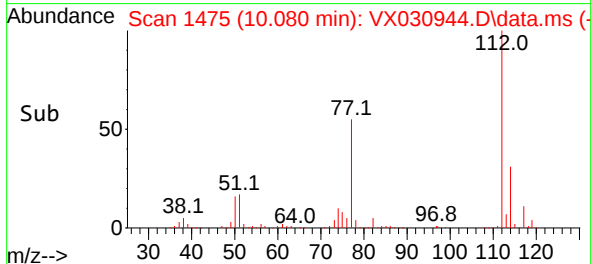
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



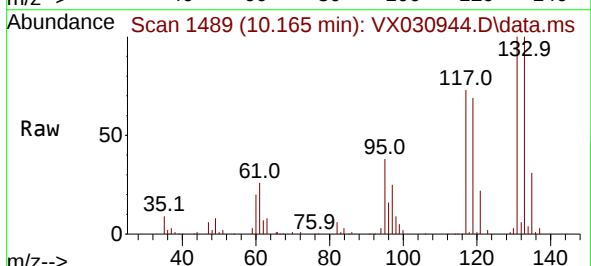
Tgt Ion:112 Resp: 144400
Ion Ratio Lower Upper
112 100
114 30.7 24.6 36.8

Manual Integrations
APPROVED

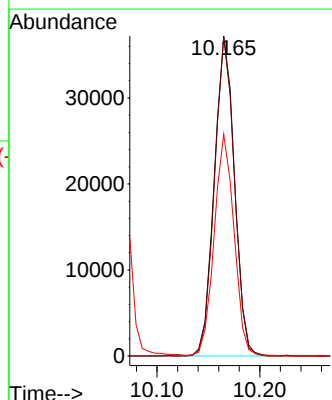
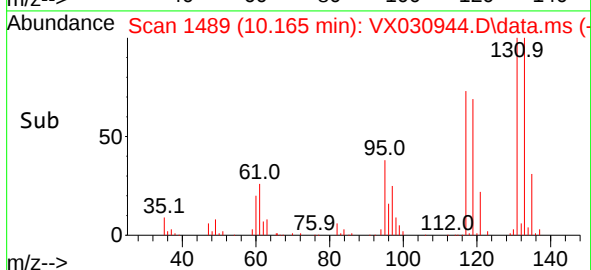
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

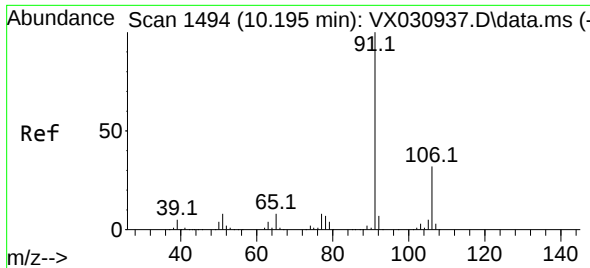


#66
1,1,1,2-Tetrachloroethane
Concen: 19.444 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



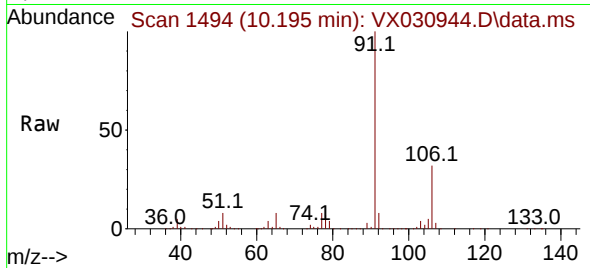
Tgt Ion:131 Resp: 50698
Ion Ratio Lower Upper
131 100
133 98.0 46.9 140.8
119 68.0 34.4 103.1





#67
Ethyl Benzene
Concen: 19.370 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

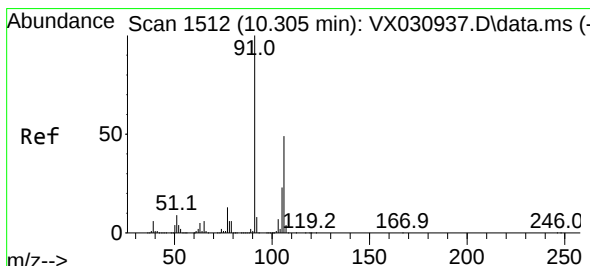
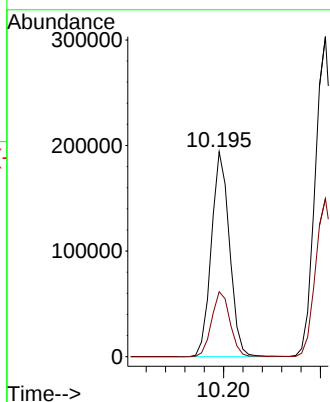
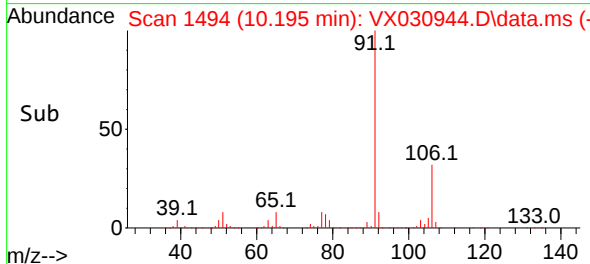
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



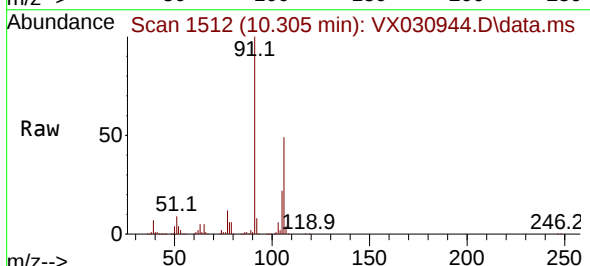
Tgt Ion: 91 Resp: 252840
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

Manual Integrations
APPROVED

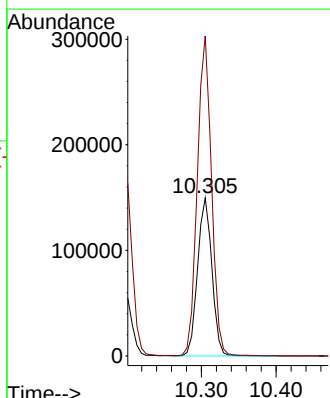
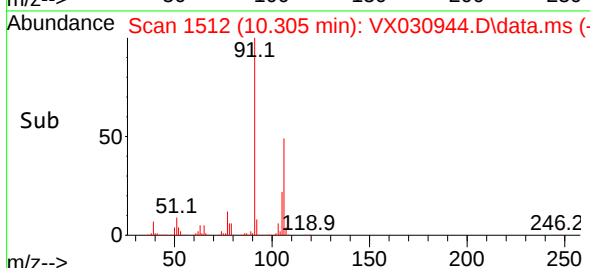
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

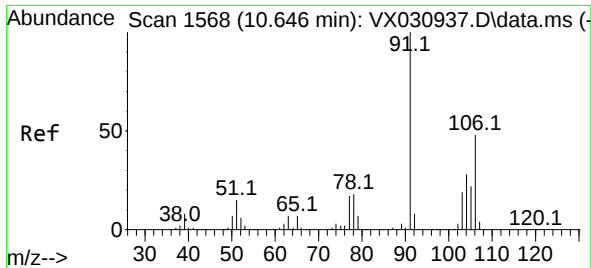


#68
m/p-Xylenes
Concen: 40.270 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion:106 Resp: 199106
Ion Ratio Lower Upper
106 100
91 200.8 158.2 237.4





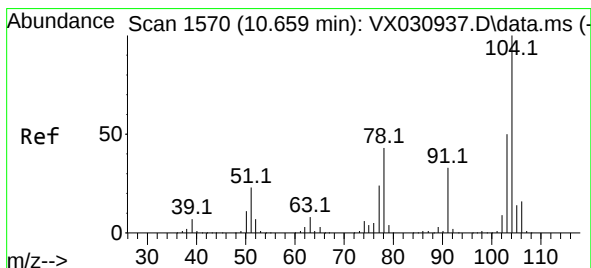
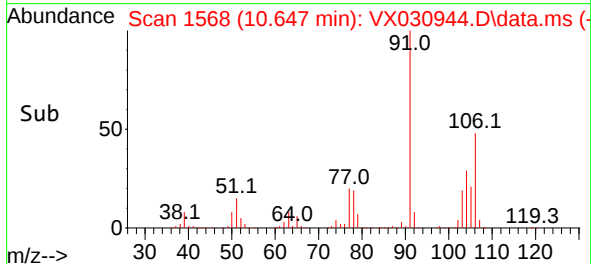
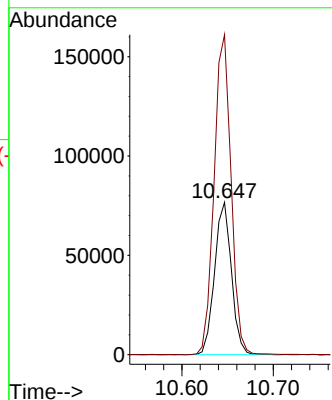
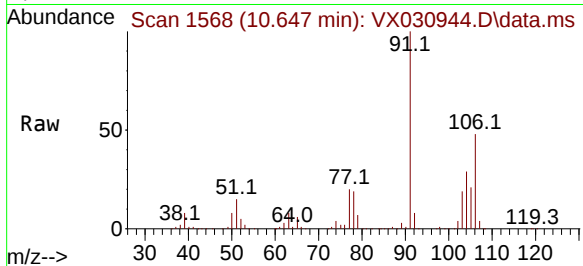
#69
o-Xylene
Concen: 20.256 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion:106 Resp: 98018
Ion Ratio Lower Upper
106 100
91 211.9 103.8 311.6

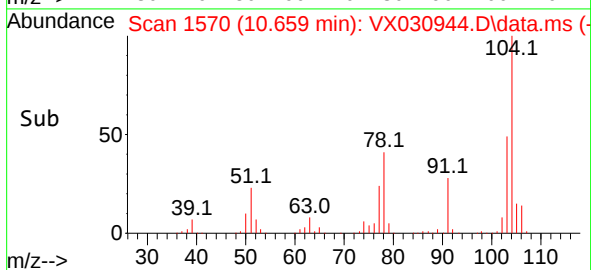
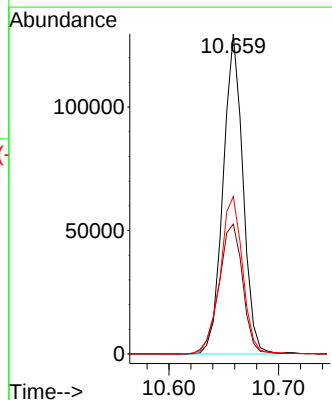
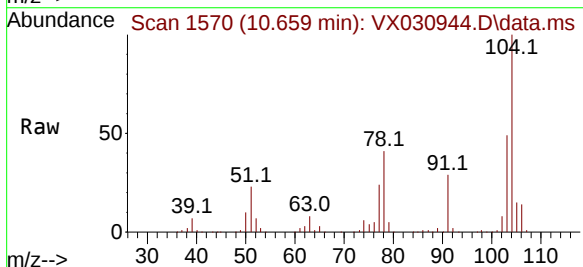
Manual Integrations
APPROVED

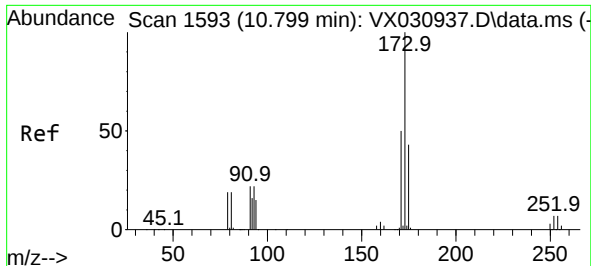
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#70
Styrene
Concen: 19.907 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

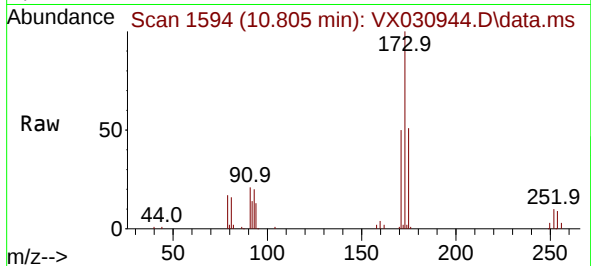
Tgt Ion:104 Resp: 162617
Ion Ratio Lower Upper
104 100
78 48.8 37.8 56.8
103 55.9 44.5 66.7





#71
Bromoform
Concen: 20.250 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

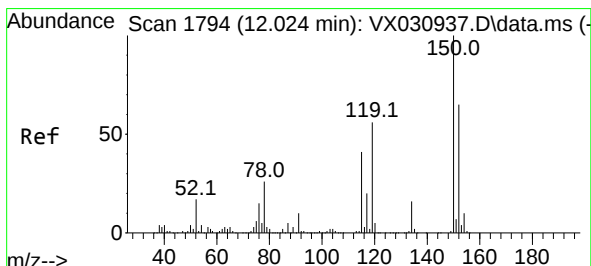
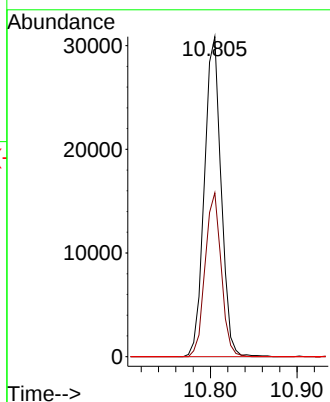
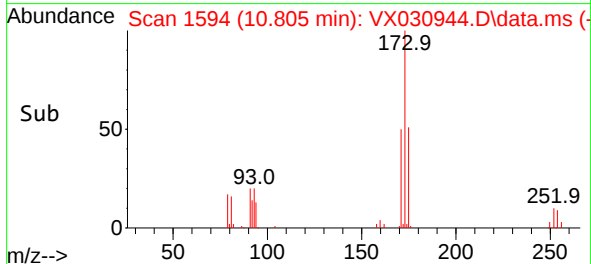
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion:173 Resp: 4143
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.2
254 0.0 0.1 0.1

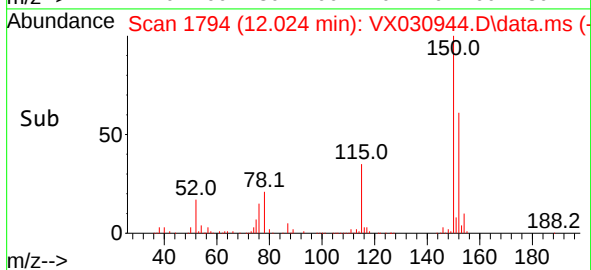
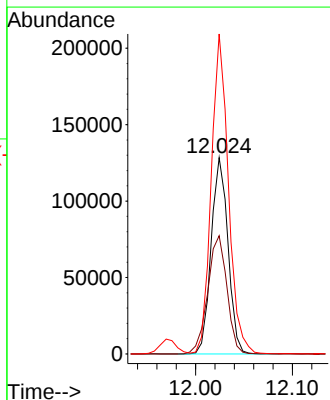
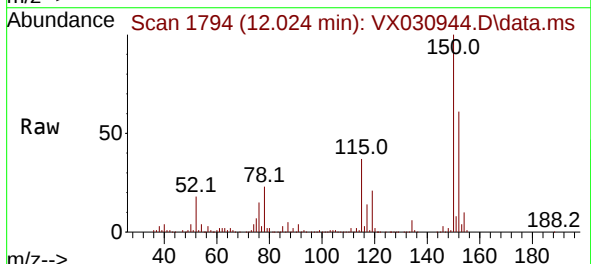
Manual Integrations
APPROVED

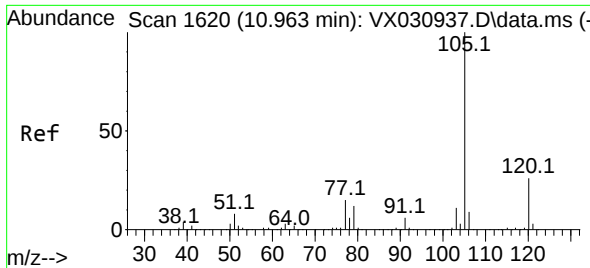
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

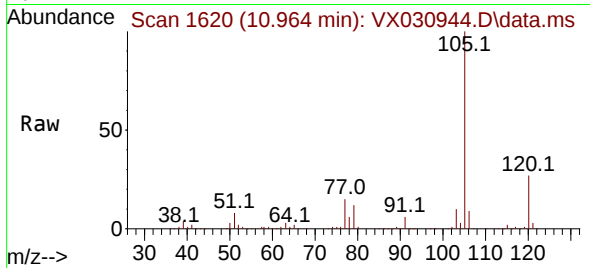
Tgt Ion:152 Resp: 155158
Ion Ratio Lower Upper
152 100
115 68.7 40.5 121.5
150 165.8 0.0 347.0





#73
Isopropylbenzene
Concen: 20.736 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

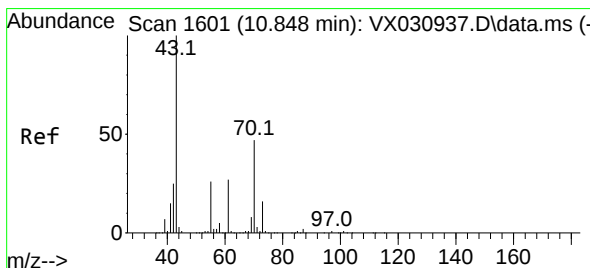
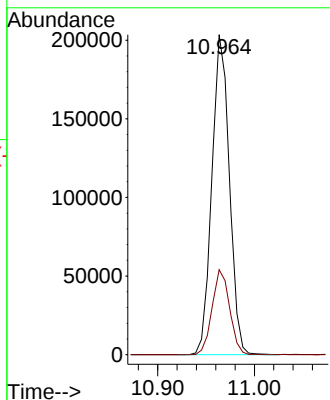
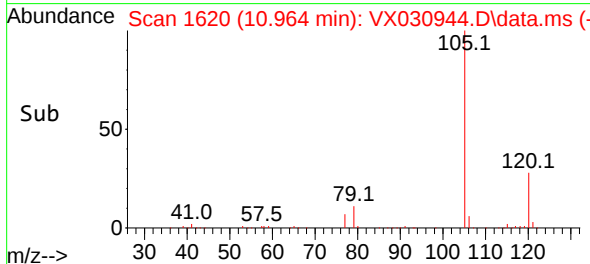
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



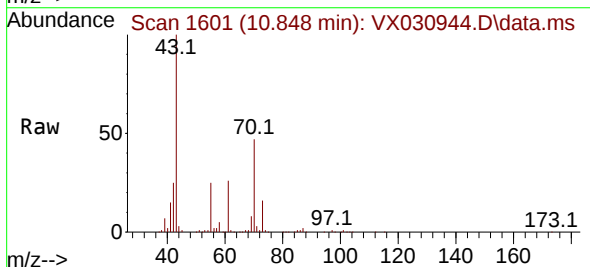
Tgt Ion:105 Resp: 25453
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

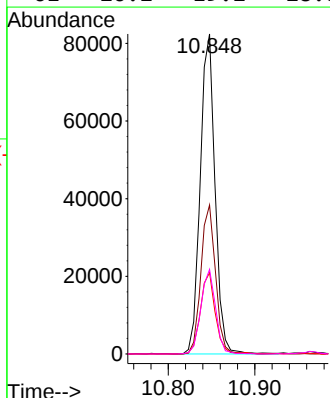
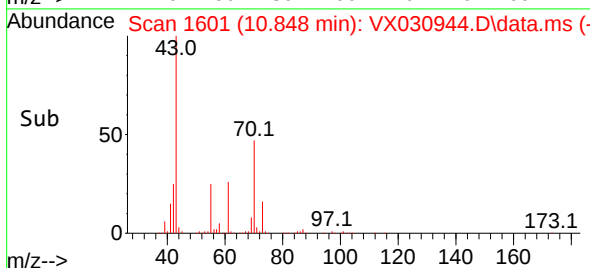
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

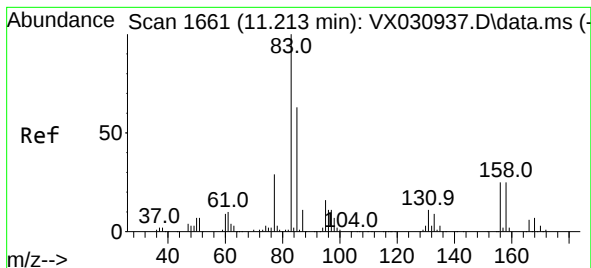


#74
N-ethyl acetate
Concen: 20.633 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



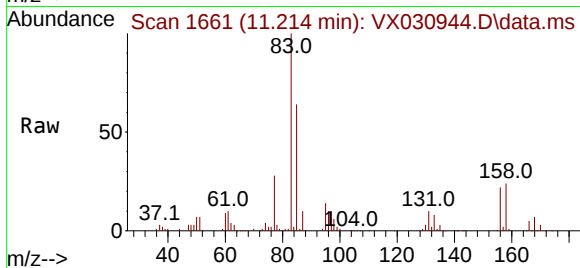
Tgt Ion: 43 Resp: 97919
Ion Ratio Lower Upper
43 100
70 46.0 32.3 48.5
55 25.7 18.4 27.6
61 26.2 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.176 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

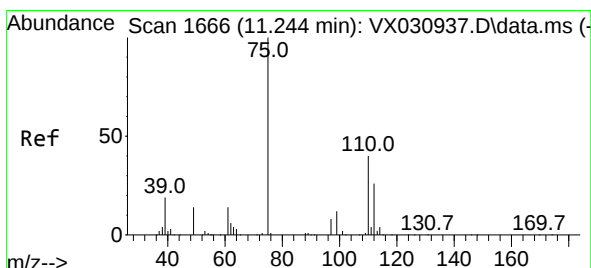
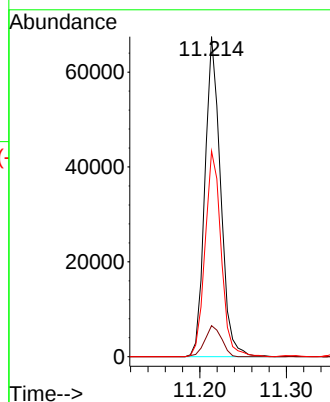
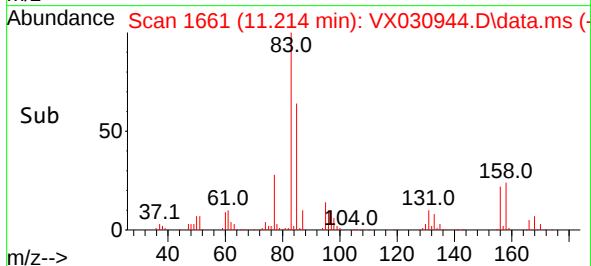
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion: 83 Resp: 8484
Ion Ratio Lower Upper
83 100
131 10.3 4.5 13.7
85 65.8 32.5 97.5

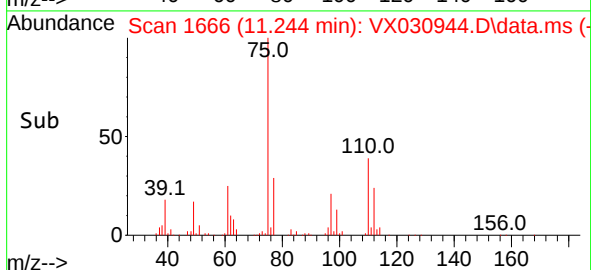
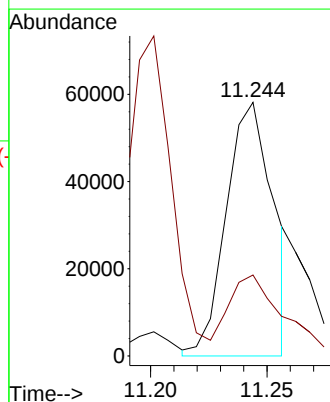
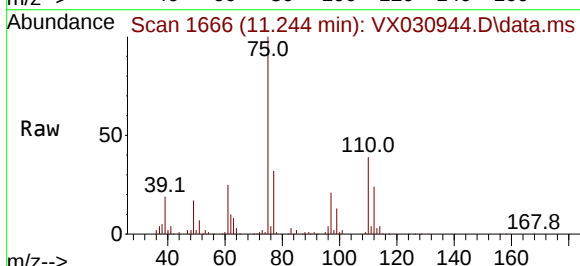
Manual Integrations
APPROVED

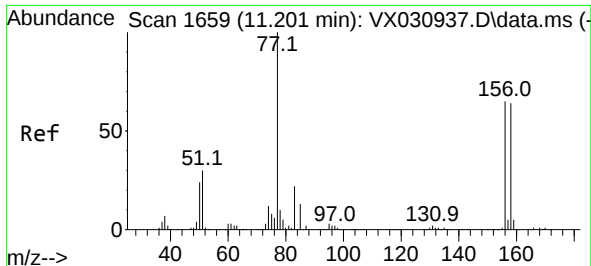
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#76
1,2,3-Trichloropropane
Concen: 21.344 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

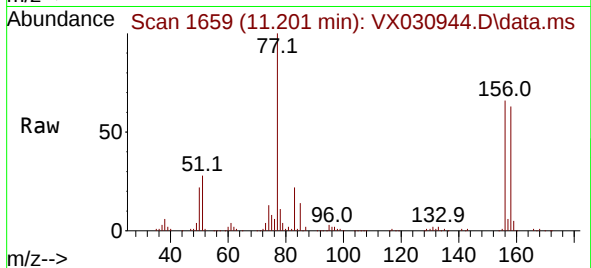
Tgt Ion: 75 Resp: 81531
Ion Ratio Lower Upper
75 100
77 37.8 19.8 59.3





#77
Bromobenzene
Concen: 20.525 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

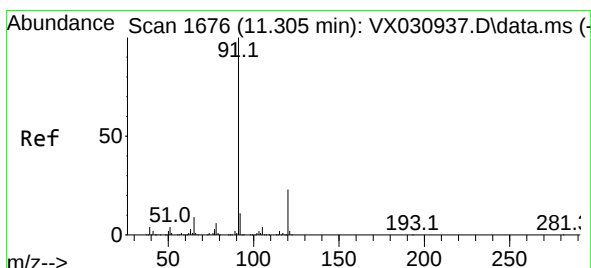
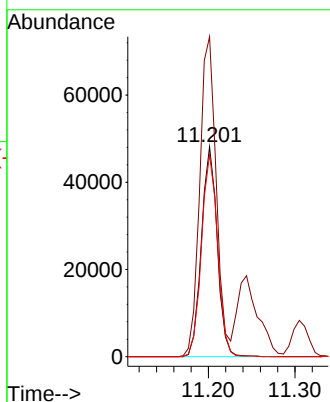
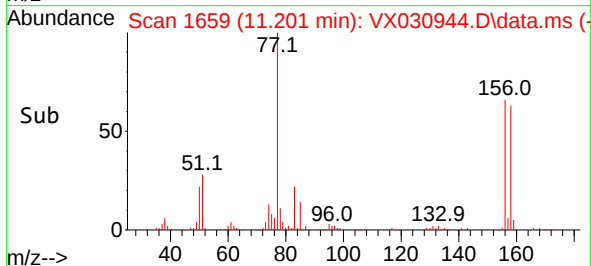
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



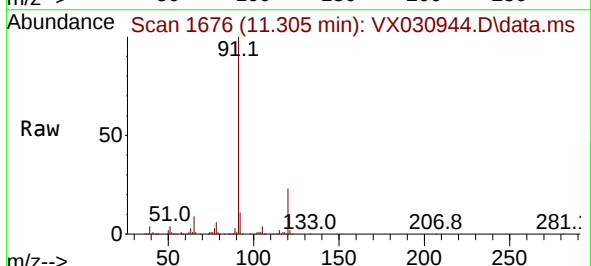
Tgt Ion:156 Resp: 61054
Ion Ratio Lower Upper
156 100
77 158.7 82.7 247.9
158 98.1 47.5 142.5

Manual Integrations
APPROVED

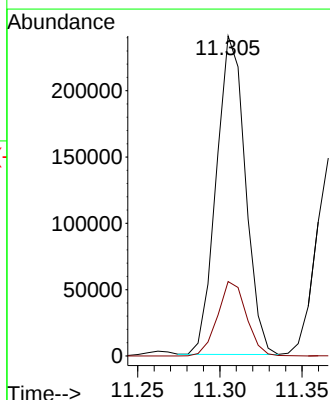
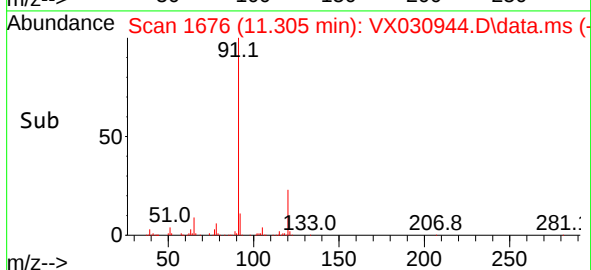
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

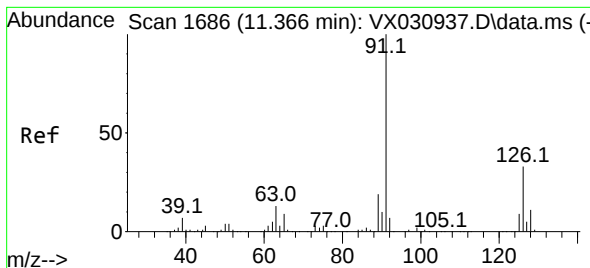


#78
n-propylbenzene
Concen: 20.537 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



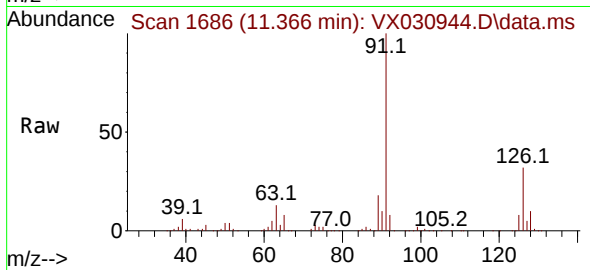
Tgt Ion: 91 Resp: 295445
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#79
2-Chlorotoluene
Concen: 20.172 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

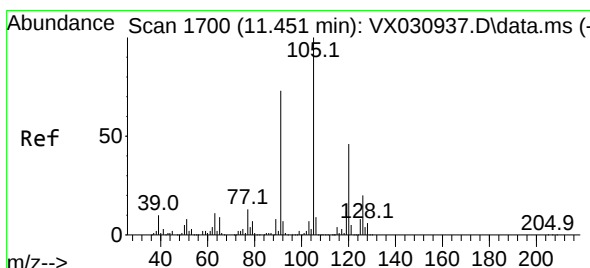
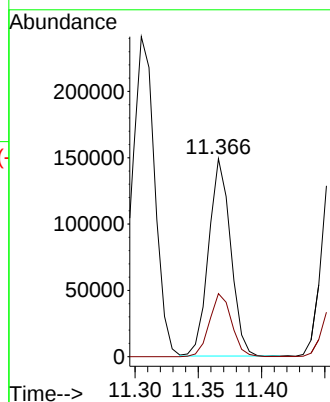
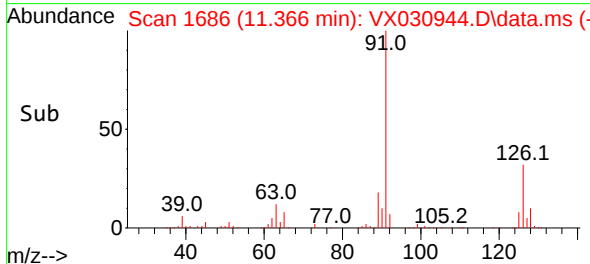
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



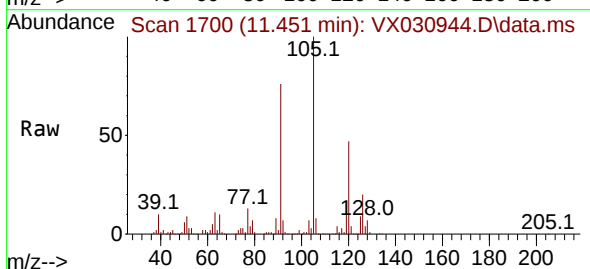
Tgt Ion: 91 Resp: 18023
Ion Ratio Lower Upper
91 100
126 32.3 17.4 52.3

Manual Integrations
APPROVED

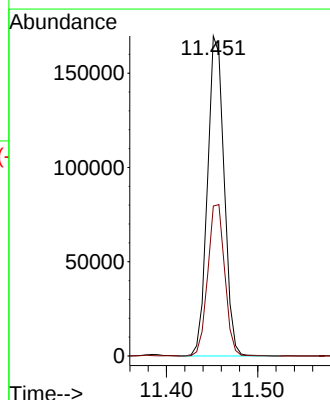
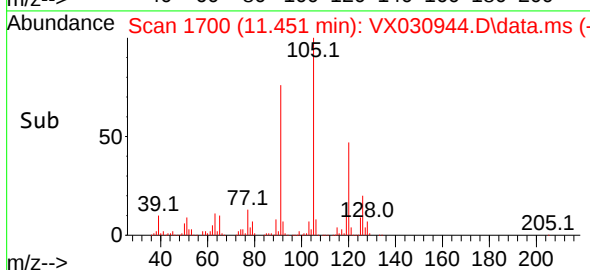
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

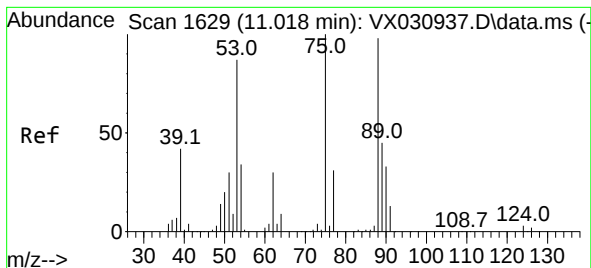


#80
1,3,5-Trimethylbenzene
Concen: 20.705 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion:105 Resp: 214162
Ion Ratio Lower Upper
105 100
120 48.3 24.4 73.2





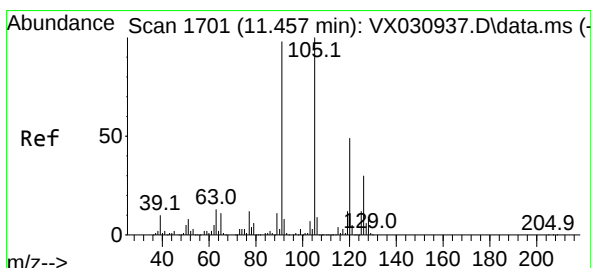
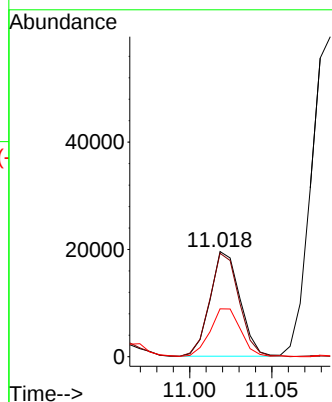
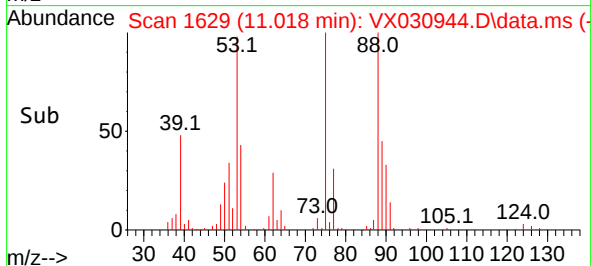
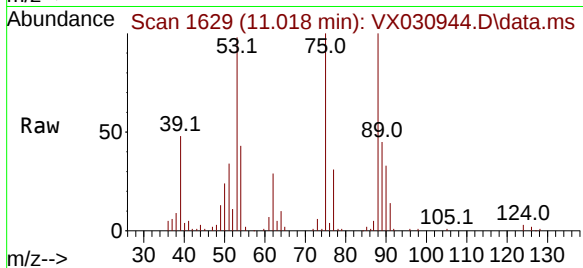
#81
trans-1,4-Dichloro-2-butene
Concen: 19.244 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01

Tgt Ion: 75 Resp: 24724
Ion Ratio Lower Upper
75 100
53 97.6 74.2 111.4
89 47.1 34.8 52.2

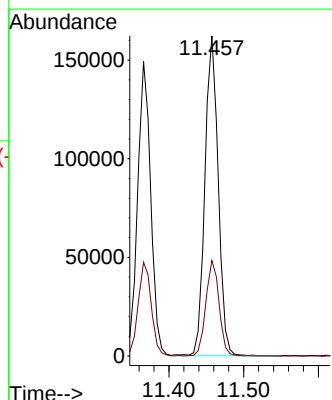
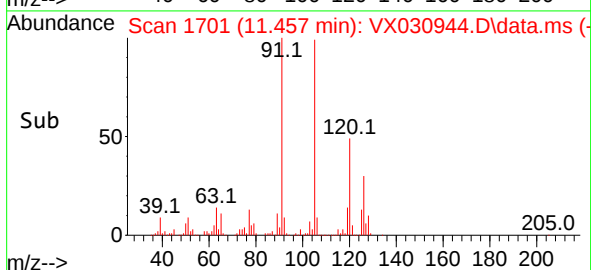
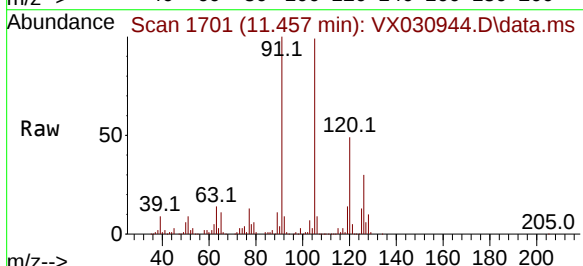
Manual Integrations
APPROVED

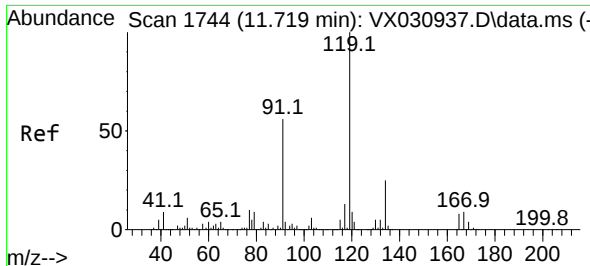
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#82
4-Chlorotoluene
Concen: 19.998 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

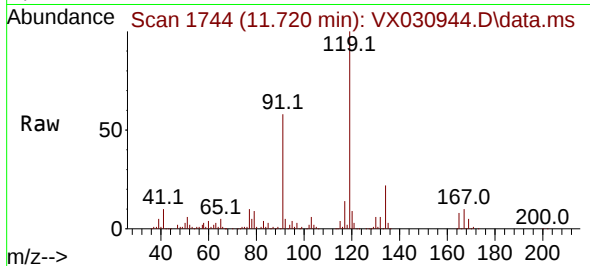
Tgt Ion: 91 Resp: 199754
Ion Ratio Lower Upper
91 100
126 29.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.118 ug/l
RT: 11.720 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

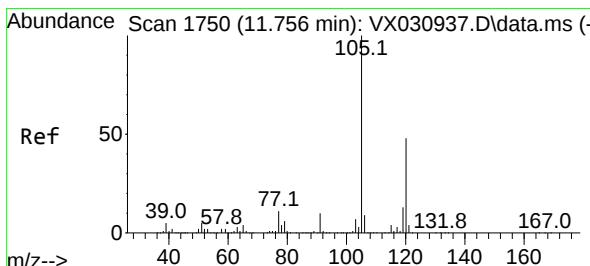
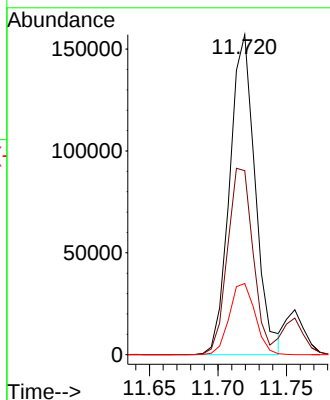
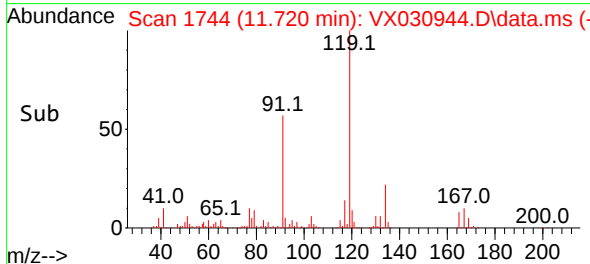
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



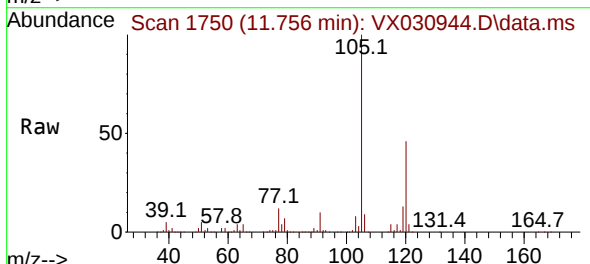
Tgt Ion:119 Resp: 204269
Ion Ratio Lower Upper
119 100
91 58.4 28.3 84.9
134 22.5 11.2 33.5

Manual Integrations
APPROVED

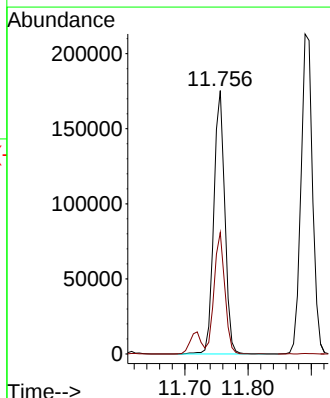
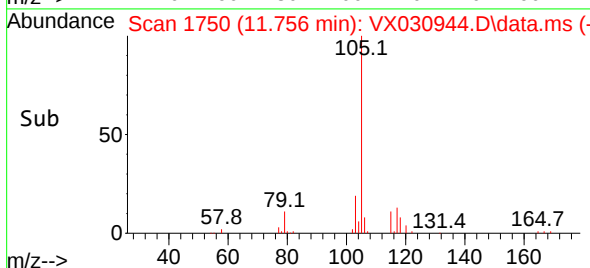
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

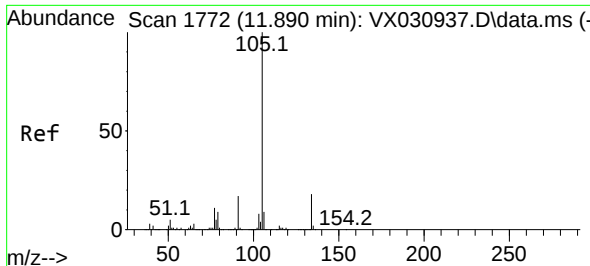


#84
1,2,4-Trimethylbenzene
Concen: 20.046 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



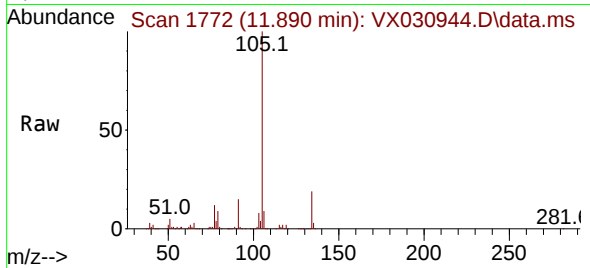
Tgt Ion:105 Resp: 212267
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 20.298 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030944.D
 Acq: 30 Aug 2022 17:22

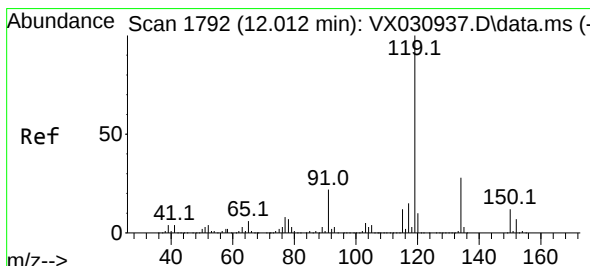
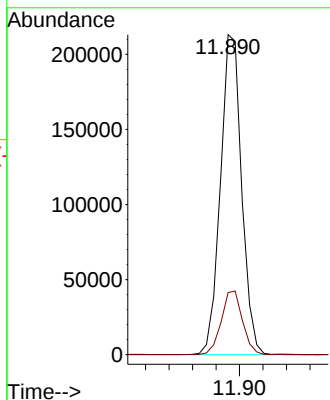
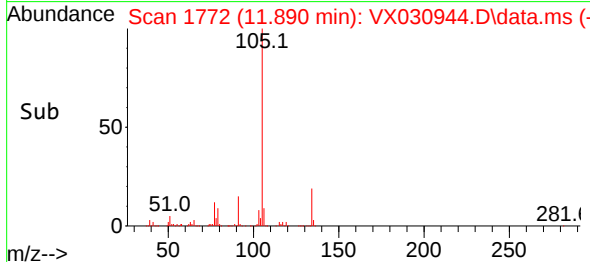
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830MBS01



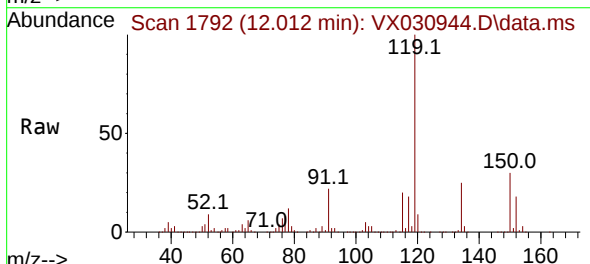
Tgt Ion:105 Resp: 267499
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

Manual Integrations
 APPROVED

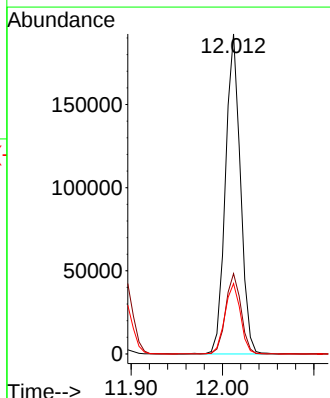
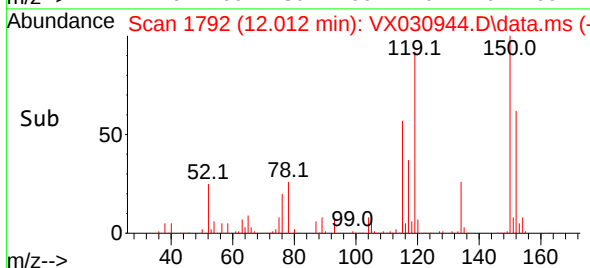
Reviewed By :John Carlone 08/31/2022
 Supervised By :Mahesh Dadoda 08/31/2022

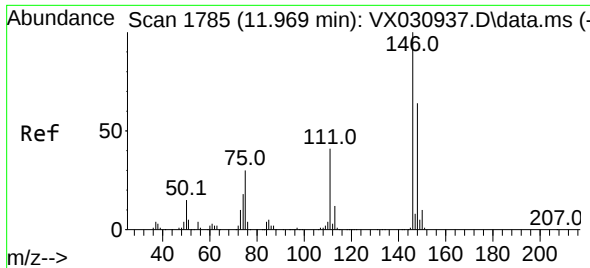


#86
 p-Isopropyltoluene
 Concen: 20.038 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030944.D
 Acq: 30 Aug 2022 17:22



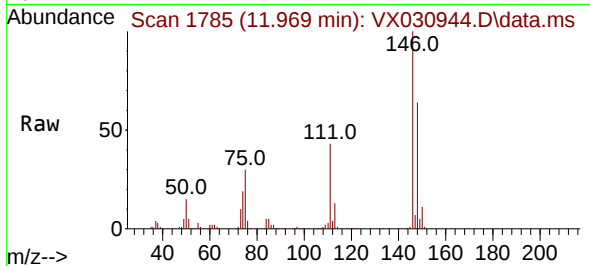
Tgt Ion:119 Resp: 219079
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.9 41.6
 91 23.0 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 19.526 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

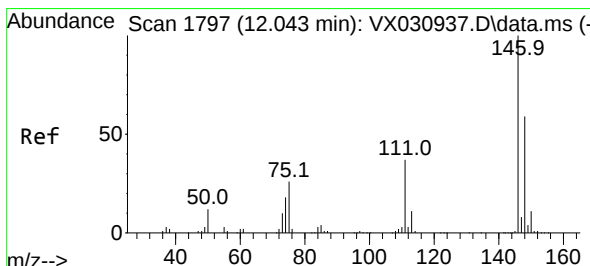
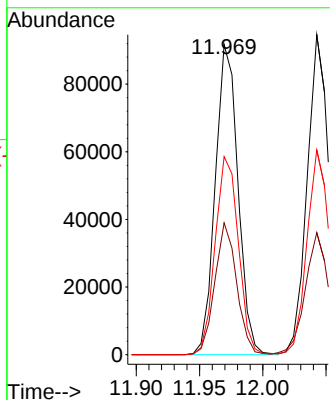
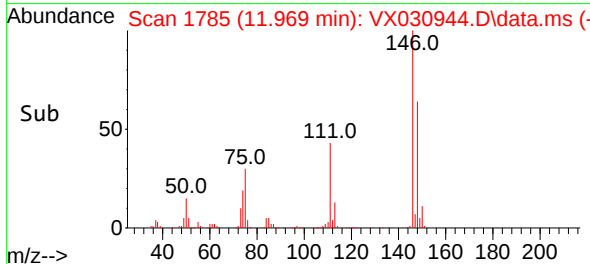
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



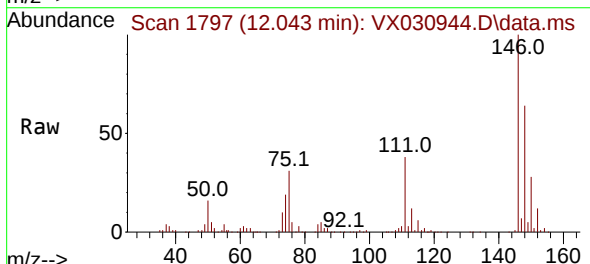
Tgt Ion:146 Resp: 114519
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.8
148 65.2 31.8 95.3

Manual Integrations
APPROVED

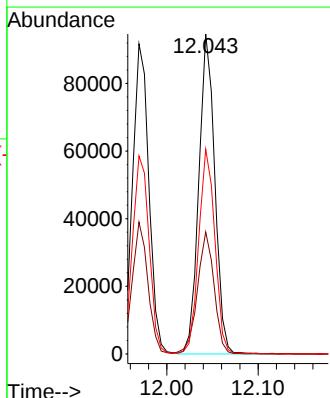
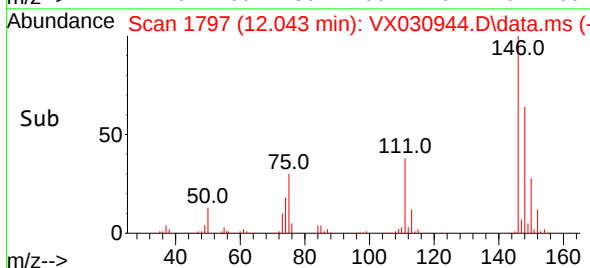
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

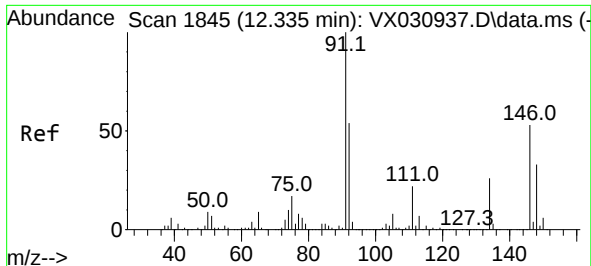


#88
1,4-Dichlorobenzene
Concen: 19.107 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



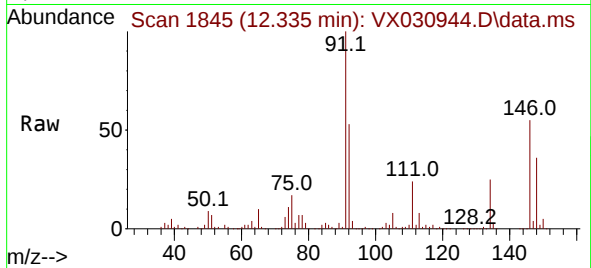
Tgt Ion:146 Resp: 114901
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 64.8 32.3 96.8





#89
n-Butylbenzene
Concen: 18.610 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

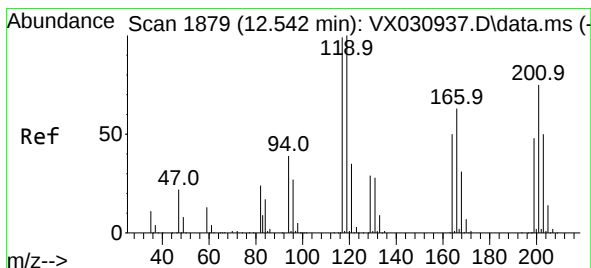
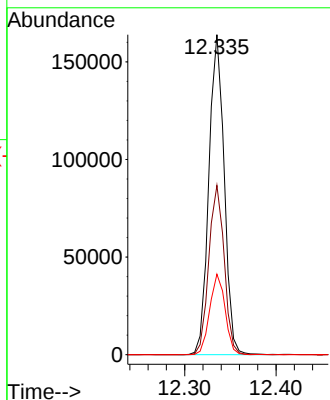
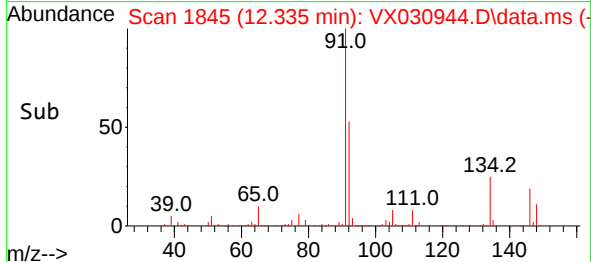
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



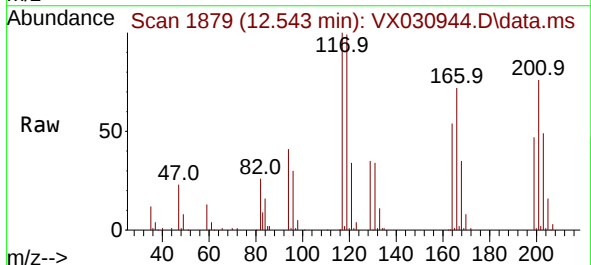
Tgt Ion: 91 Resp: 190429
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.5
134 25.2 12.6 37.8

Manual Integrations
APPROVED

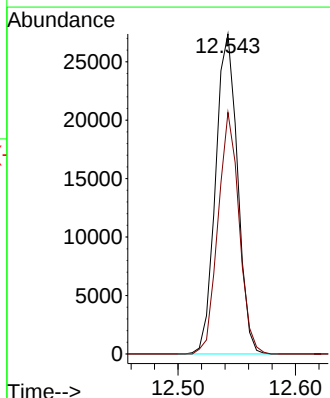
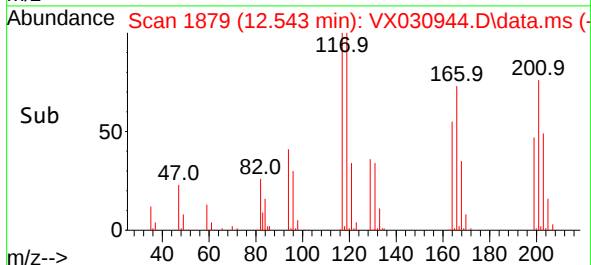
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

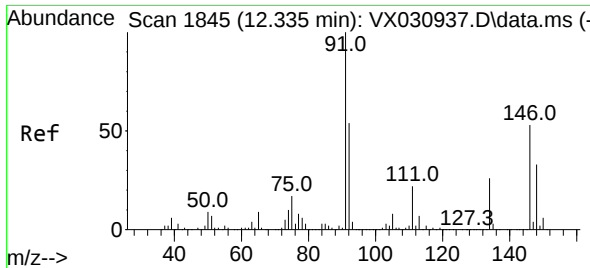


#90
Hexachloroethane
Concen: 18.523 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



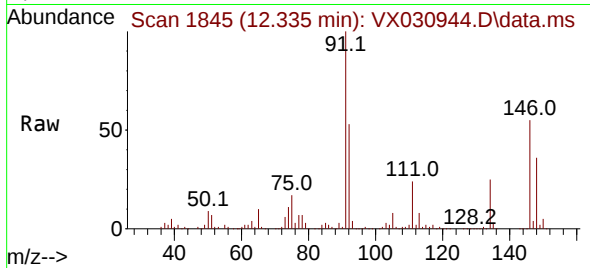
Tgt Ion:117 Resp: 35555
Ion Ratio Lower Upper
117 100
201 72.5 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 19.544 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

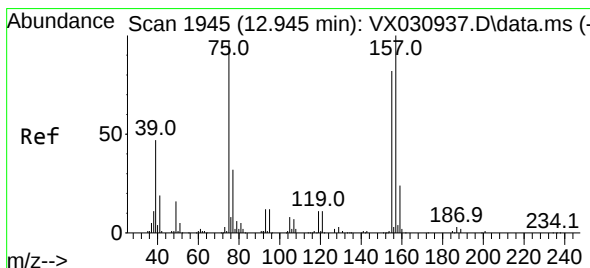
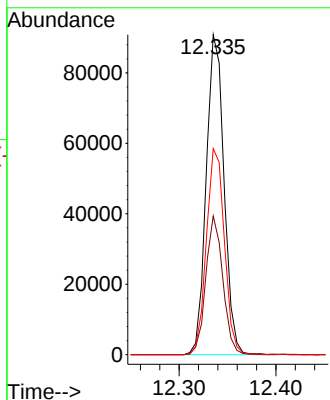
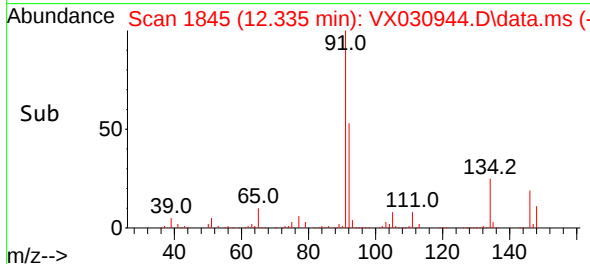
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



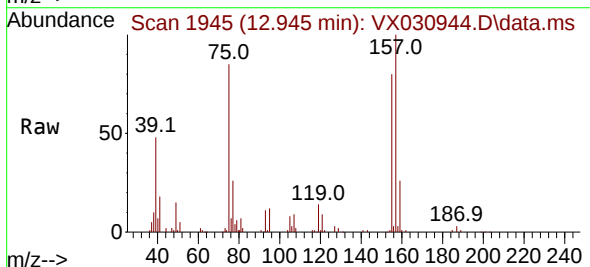
Tgt Ion:146 Resp: 116274
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 65.3 32.0 96.2

Manual Integrations
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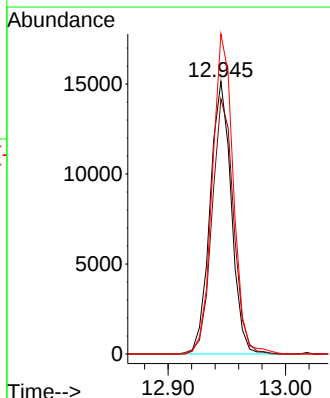
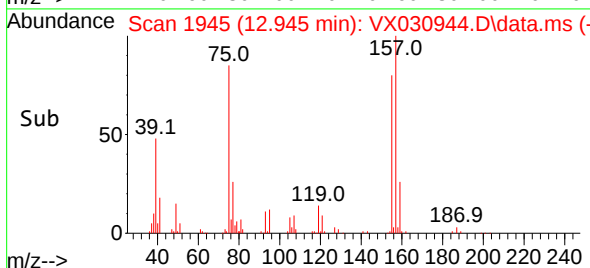
Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022

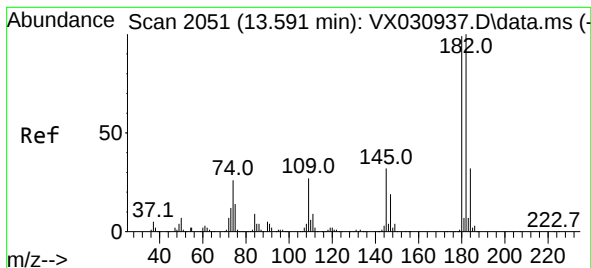


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.052 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22



Tgt Ion: 75 Resp: 18937
Ion Ratio Lower Upper
75 100
155 95.5 45.0 134.8
157 116.2 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 18.650 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830MBS01

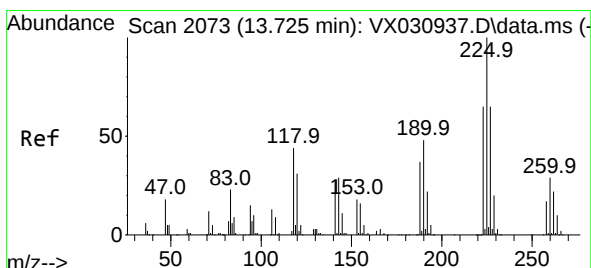
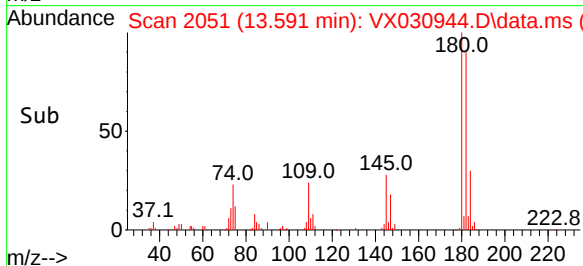
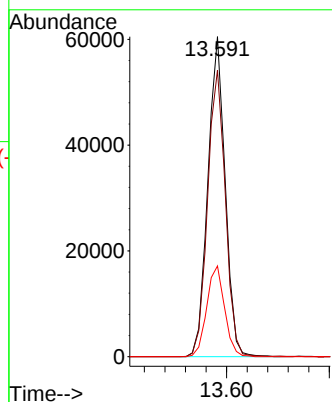
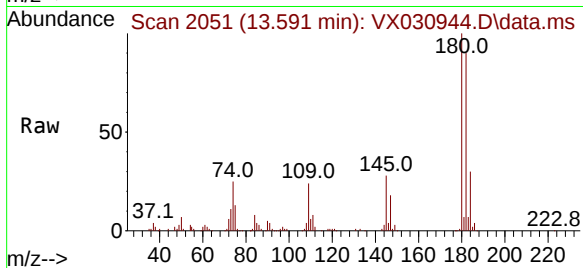
Tgt Ion:180	Resp:	7092	
Ion Ratio	Lower	Upper	
180	100		
182	92.0	48.2	144.6
145	29.2	15.9	47.6

Manual Integrations

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Reviewed By :John Carlone 08/31/2022

Supervised By :Mahesh Dadoda 08/31/2022



#94

Hexachlorobutadiene

Concen: 18.221 ug/l

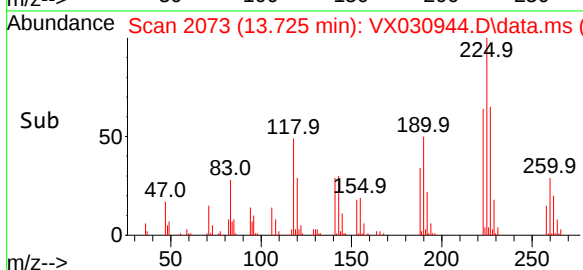
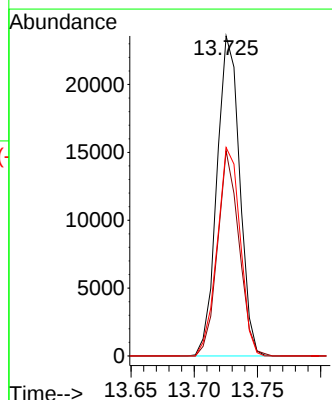
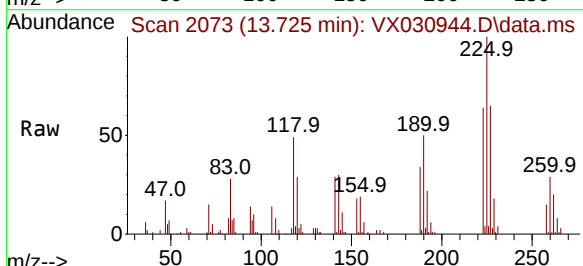
RT: 13.725 min Scan# 2073

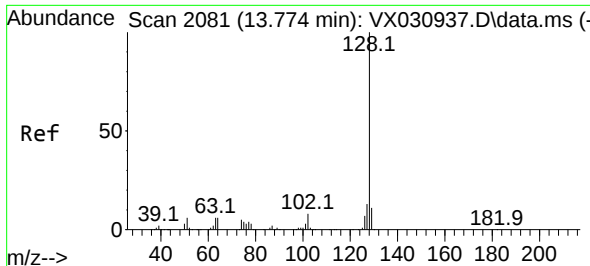
Delta R.T. 0.000 min

Lab File: VX030944.D

Acq: 30 Aug 2022 17:22

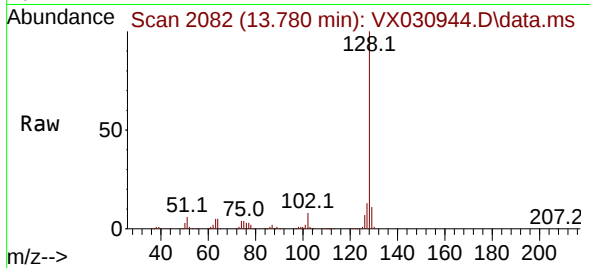
Tgt Ion:225	Resp:	29427	
Ion Ratio	Lower	Upper	
225	100		
223	60.6	30.6	91.6
227	65.8	31.9	95.9





#95
Naphthalene
Concen: 18.578 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

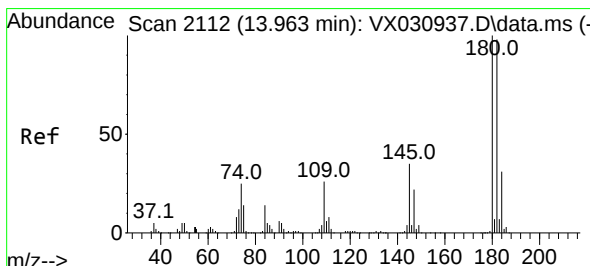
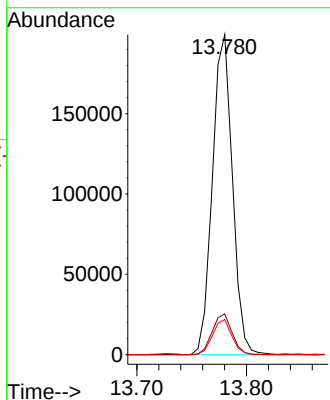
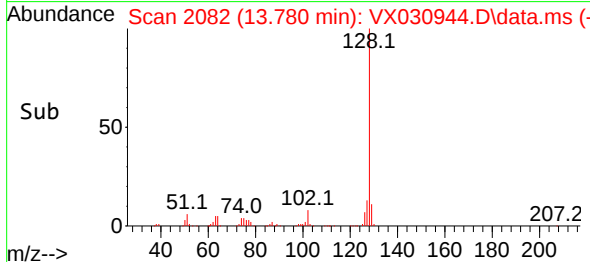
Instrument :
MSVOA_X
ClientSampleId :
VX0830MBS01



Tgt Ion:128 Resp: 252684
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Mahesh Dadoda 08/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.042 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030944.D
Acq: 30 Aug 2022 17:22

Tgt Ion:180 Resp: 69277
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 33.7 17.0 50.9

