

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036051.D
 Acq On : 07 Jun 2023 09:52
 Operator : JC/MD
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 07:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	37021	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	211554	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	198059	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	101073	32.858	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.533%			
60) 4-Bromofluorobenzene	11.079	95	104979	31.588	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.300%			
63) Toluene-d8	8.647	98	265001	30.266	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53541	28.282	ug/l	98
3) Chloromethane	1.294	50	49055	21.122	ug/l	100
4) Vinyl Chloride	1.374	62	48336	22.146	ug/l	94
5) Bromomethane	1.617	94	30397	20.702	ug/l	99
6) Chloroethane	1.691	64	31214	22.685	ug/l	99
7) Trichlorofluoromethane	1.886	101	74912	22.640	ug/l	98
8) Diethyl Ether	2.130	74	29206	21.231	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	48011	26.970	ug/l	96
10) 1,1-Dichloroethene	2.319	96	42607	22.959	ug/l	96
11) Methyl Iodide	2.453	142	42104	18.781	ug/l	95
12) Methyl Acetate	2.709	43	121439	23.159	ug/l	98
13) Acrolein	2.239	56	45557	109.903	ug/l	100
14) Acrylonitrile	3.068	53	145613	110.771	ug/l	98
15) Acetone	2.404	58	45842	116.589	ug/l	80
16) Carbon Disulfide	2.514	76	87954	21.838	ug/l	98
17) Allyl chloride	2.666	41	84919	22.682	ug/l	94
18) Methylene Chloride	2.788	84	49511	20.487	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	46203	22.085	ug/l	92
20) Diisopropyl ether	3.757	45	178151	22.042	ug/l	95
21) 1,1-Dichloroethane	3.611	63	96026	22.667	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	55056	21.268	ug/l	94
23) tert-Butyl Alcohol	3.038	59	58250m	121.394	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	170451	22.789	ug/l	93
25) Chloroform	5.086	83	101148	23.267	ug/l	99
26) Cyclohexane	5.470	56	78388	24.466	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	71139	24.148	ug/l	98
30) 2-Butanone	4.568	43	223768	116.034	ug/l	99
31) 2,2-Dichloropropane	4.471	77	77618	24.524	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	85878	24.963	ug/l	99
33) Carbon Tetrachloride	5.678	117	70126	25.814	ug/l	98
34) Benzene	6.037	78	202573	21.797	ug/l	99
35) Methacrylonitrile	4.922	41	46443	22.569	ug/l	96
36) 1,2-Dichloroethane	6.086	62	88134	24.367	ug/l	97
37) Trichloroethene	7.123	130	52902	22.646	ug/l	94
38) Methylcyclohexane	7.379	83	80232	24.834	ug/l	99
39) 1,2-Dichloropropane	7.427	63	54378	21.738	ug/l	99
40) Dibromomethane	7.580	93	37651	22.254	ug/l	97
41) Bromodichloromethane	7.818	83	70877	23.173	ug/l	92
42) Vinyl Acetate	3.721	43	612781	108.177	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

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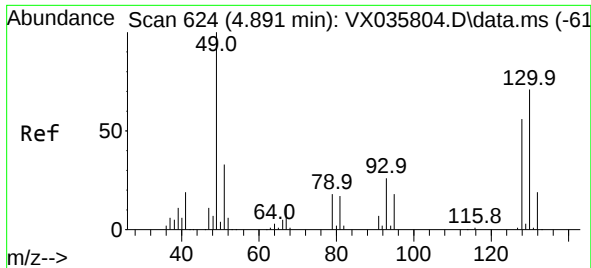
Manual Integrations
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 Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 07:21:02 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	83761m	22.775	ug/l	
44) Isopropyl Acetate	6.336	43	127900	21.334	ug/l	100
45) 1,4-Dioxane	7.744	88	27246m	478.498	ug/l	
46) Methyl methacrylate	7.690	41	62864	21.702	ug/l	96
47) n-amyl Acetate	10.841	43	105986	21.048	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	72815	21.519	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	82014	21.963	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	53857	22.250	ug/l	98
51) Ethyl methacrylate	9.116	69	83018	22.249	ug/l	95
52) 1,3-Dichloropropane	9.305	76	94893	22.496	ug/l	98
53) Dibromochloromethane	9.518	129	51775	23.324	ug/l	98
54) 1,2-Dibromoethane	9.610	107	56572	22.496	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	182383	92.107	ug/l	98
56) Bromoform	10.799	173	32945	22.894	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	417841	108.614	ug/l	98
59) 2-Hexanone	9.427	43	318396	109.993	ug/l	99
61) Tetrachloroethene	9.275	164	44710	23.440	ug/l	98
62) Toluene	8.714	91	224194	21.981	ug/l	98
64) Chlorobenzene	10.079	112	140681	21.778	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	49342	21.849	ug/l	98
66) Ethyl Benzene	10.195	91	254545	22.315	ug/l	99
67) m/p-Xylenes	10.299	106	197443	45.729	ug/l	99
68) o-Xylene	10.640	106	96696	22.390	ug/l	98
69) Styrene	10.652	104	159047	22.314	ug/l	99
70) Isopropylbenzene	10.963	105	257503	23.359	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	85710	21.951	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	74241m	21.831	ug/l	
73) Bromobenzene	11.195	156	58388	21.801	ug/l	93
74) n-propylbenzene	11.305	91	305370	23.240	ug/l	99
75) 2-Chlorotoluene	11.366	91	186322	23.084	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	218201	23.306	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	20965	20.436	ug/l	92
78) 4-Chlorotoluene	11.451	91	213771	23.249	ug/l	100
79) tert-butylbenzene	11.713	119	209769	23.209	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	220337	23.418	ug/l	99
81) sec-Butylbenzene	11.890	105	259823	22.769	ug/l	99
82) p-Isopropyltoluene	12.006	119	219186	23.088	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	114786	22.646	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	114951	22.594	ug/l	99
85) n-Butylbenzene	12.329	91	190320	22.534	ug/l	99
86) Hexachloroethane	12.536	117	30958	20.708	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	110609	22.272	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	17679	23.691	ug/l	91
89) 1,2,4-Trichlorobenzene	13.585	180	64729	21.748	ug/l	98
90) Hexachlorobutadiene	13.725	225	27217	24.806	ug/l	99
91) Naphthalene	13.774	128	223984	21.747	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	63822	21.477	ug/l	96

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



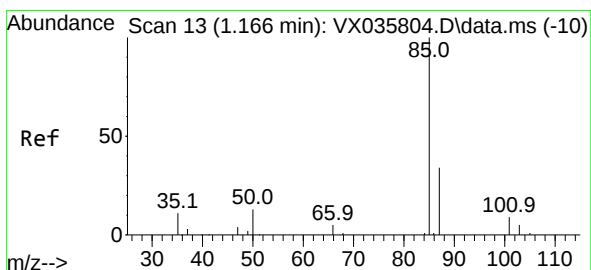
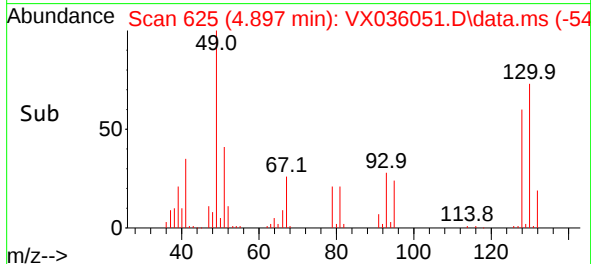
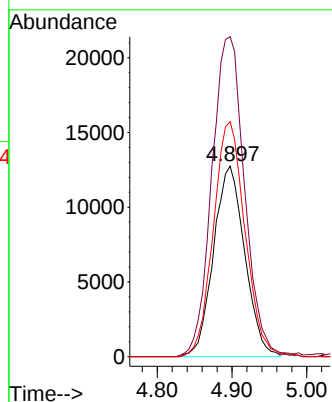
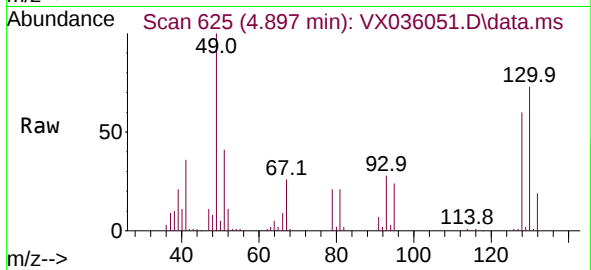
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion:128 Resp: 3702
Ion Ratio Lower Upper
128 100
49 176.2 0.0 428.8
130 125.1 0.0 310.8

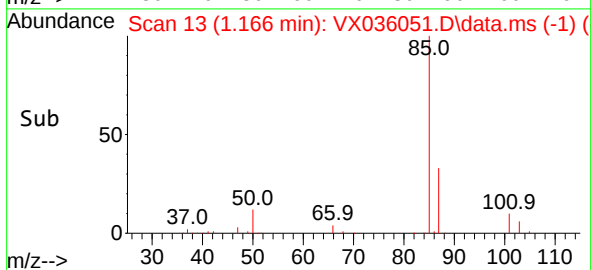
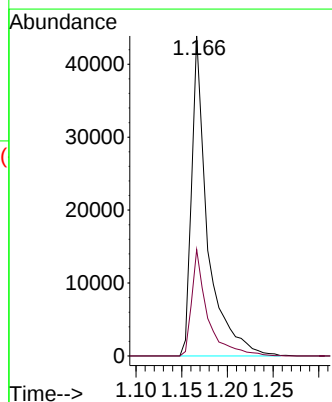
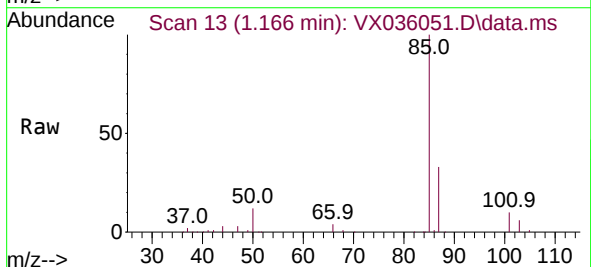
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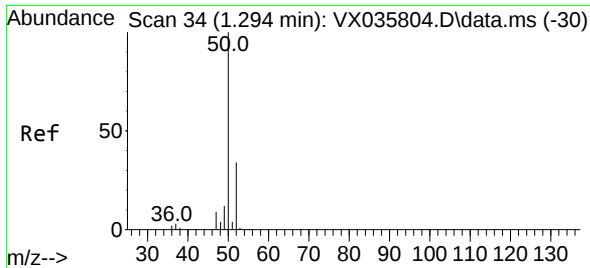
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#2
Dichlorodifluoromethane
Concen: 28.282 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

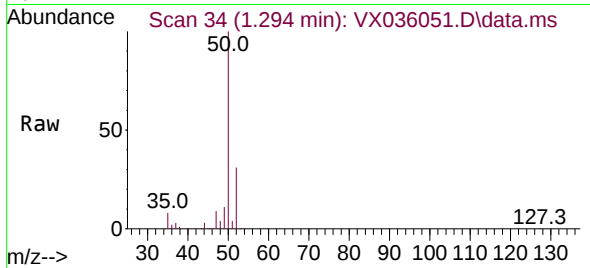
Tgt Ion: 85 Resp: 53541
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0





#3
Chloromethane
Concen: 21.122 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

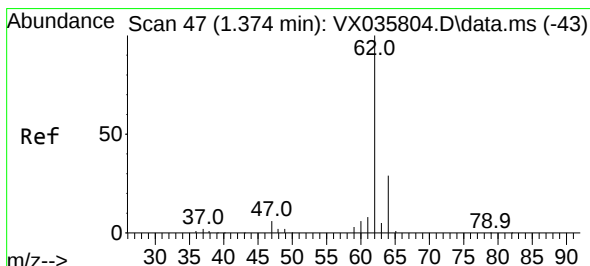
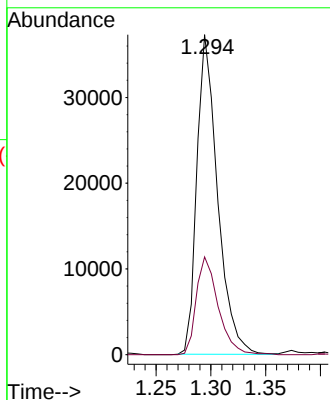
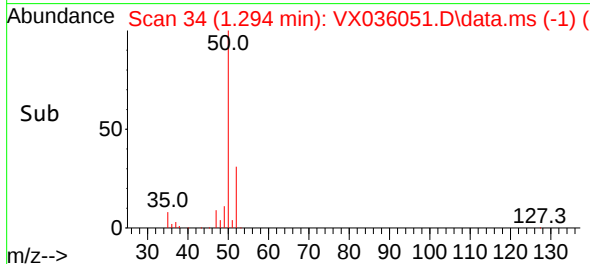
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 50 Resp: 4905
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8

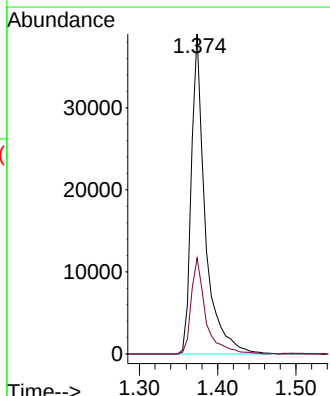
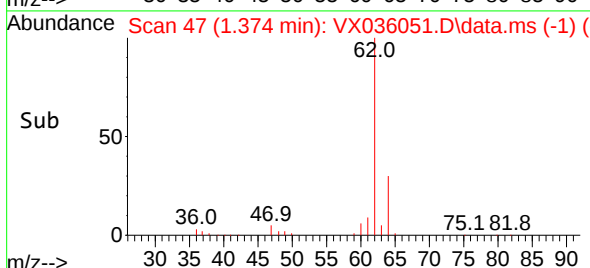
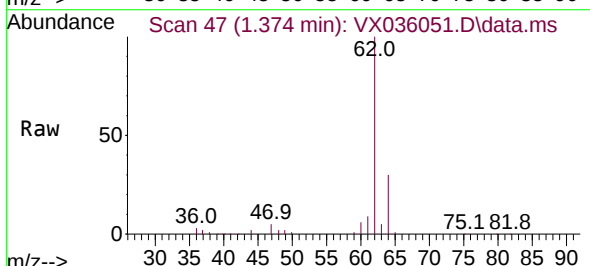
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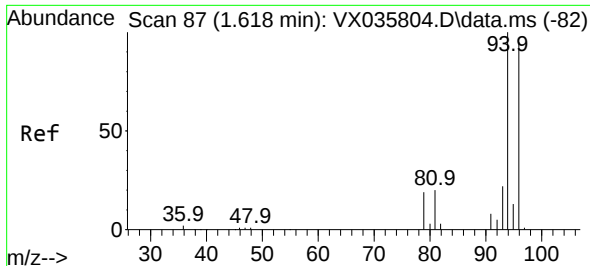
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#4
Vinyl Chloride
Concen: 22.146 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 62 Resp: 48336
Ion Ratio Lower Upper
62 100
64 30.0 26.9 40.3





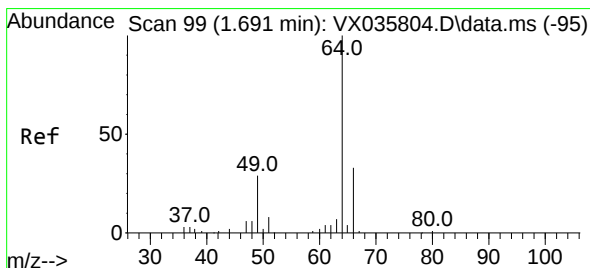
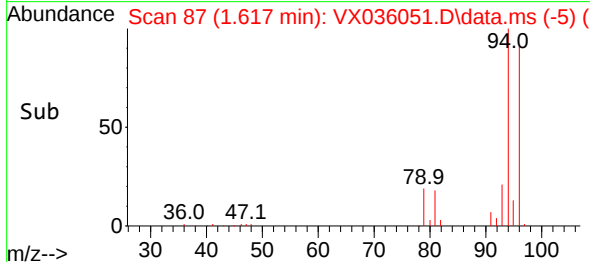
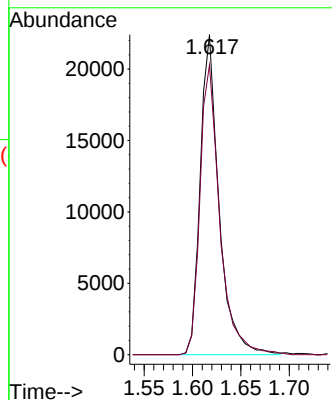
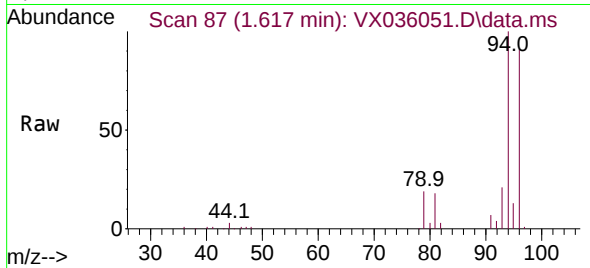
#5
Bromomethane
Concen: 20.702 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
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ClientSampleId :
VX0607WBS01

Tgt Ion: 94 Resp: 3039
Ion Ratio Lower Upper
94 100
96 90.5 73.4 110.0

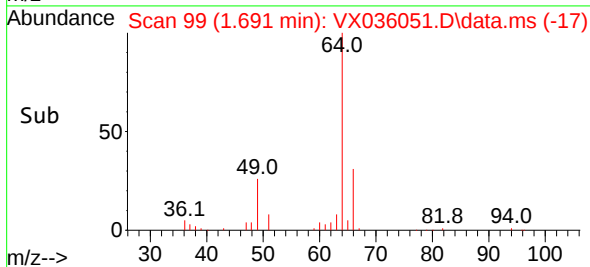
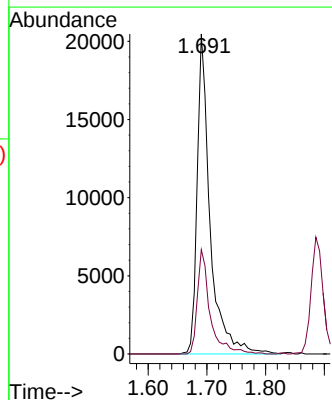
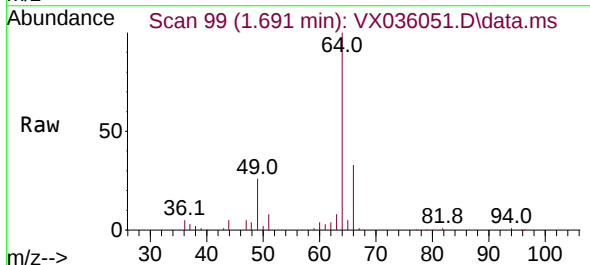
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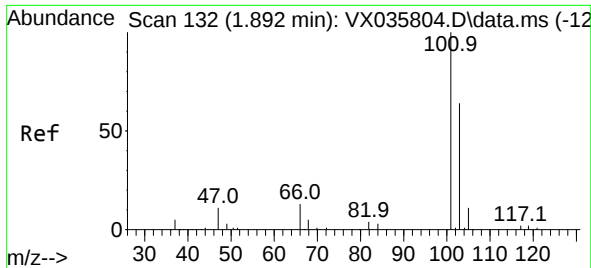
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#6
Chloroethane
Concen: 22.685 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 64 Resp: 31214
Ion Ratio Lower Upper
64 100
66 32.6 26.6 40.0





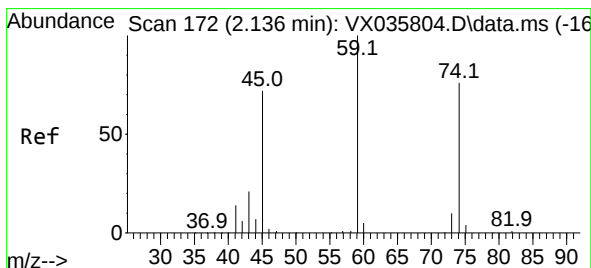
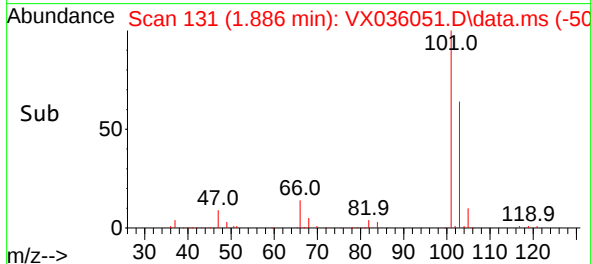
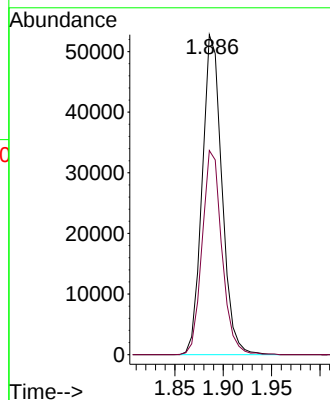
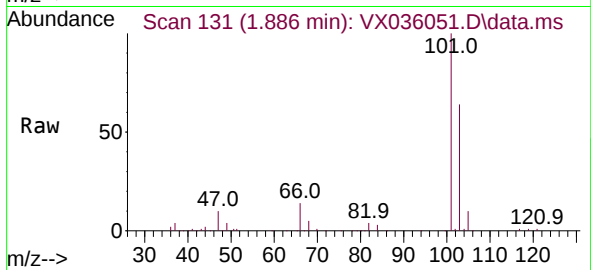
#7
Trichlorofluoromethane
Concen: 22.640 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 74912
Ion Ratio Lower Upper
101 100
103 63.8 52.1 78.1

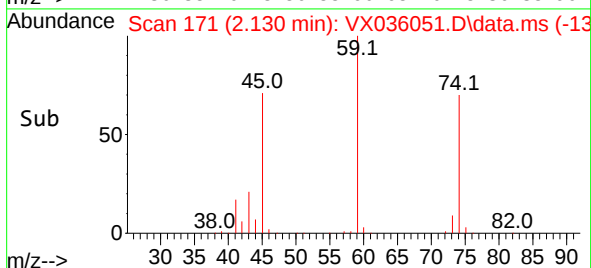
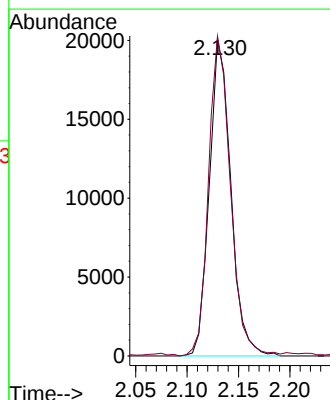
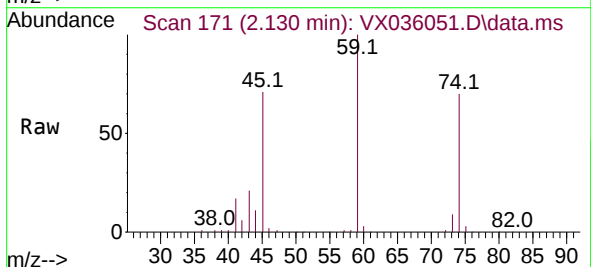
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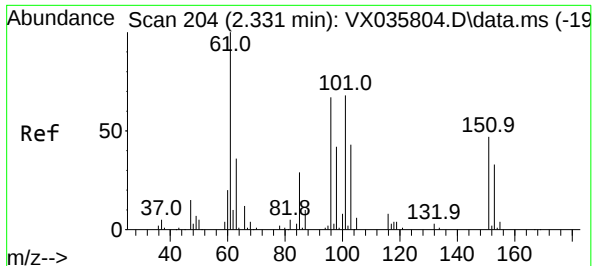
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#8
Diethyl Ether
Concen: 21.231 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 74 Resp: 29206
Ion Ratio Lower Upper
74 100
45 102.7 20.5 184.5





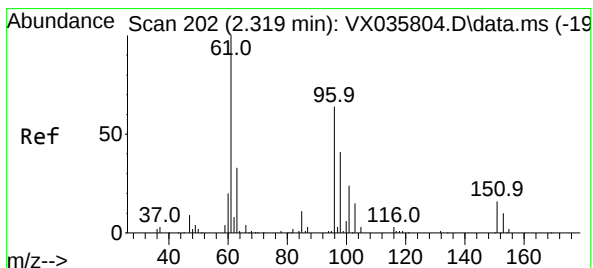
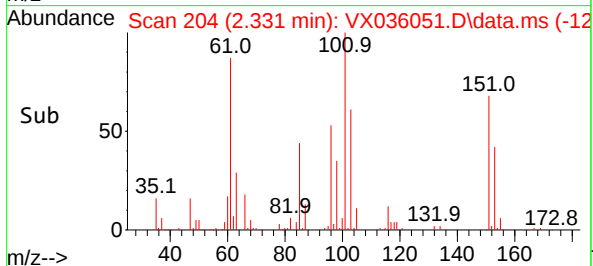
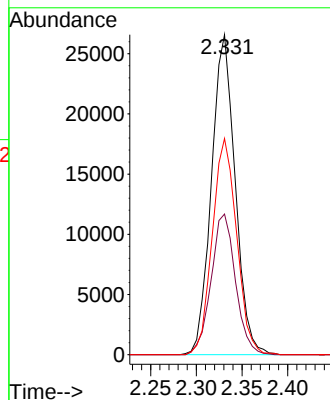
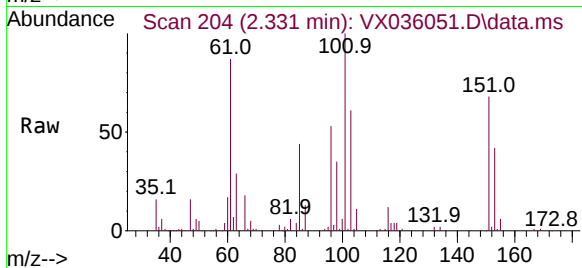
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1,1,2-Trichlorotrifluoroethane
Concen: 26.970 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion:101 Resp: 4801
Ion Ratio Lower Upper
101 100
85 45.0 0.0 88.8
151 69.2 0.0 147.6

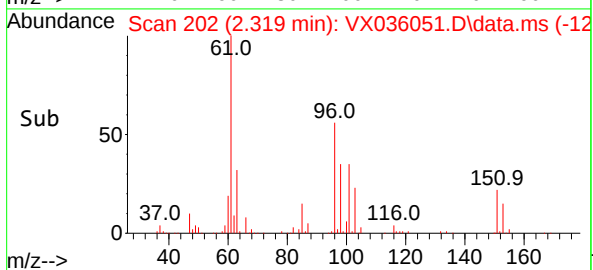
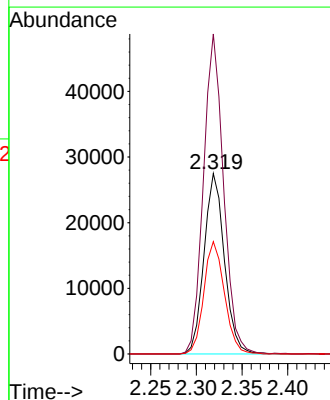
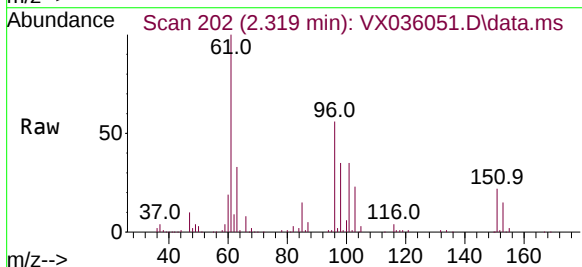
Manual Integrations
APPROVED

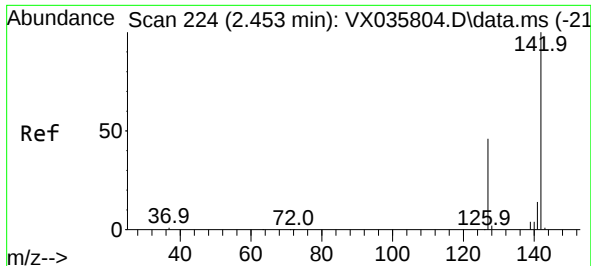
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#10
1,1-Dichloroethene
Concen: 22.959 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

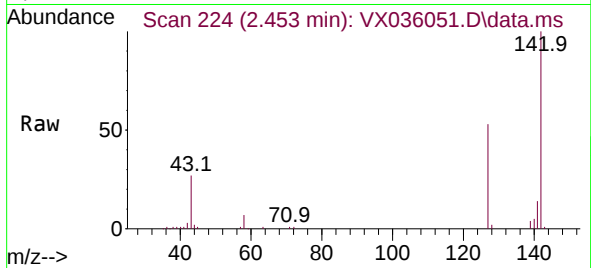
Tgt Ion: 96 Resp: 42607
Ion Ratio Lower Upper
96 100
61 177.3 135.8 203.6
98 62.2 49.8 74.6





#11
Methyl Iodide
Concen: 18.781 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

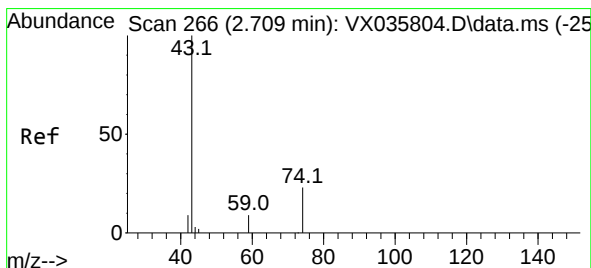
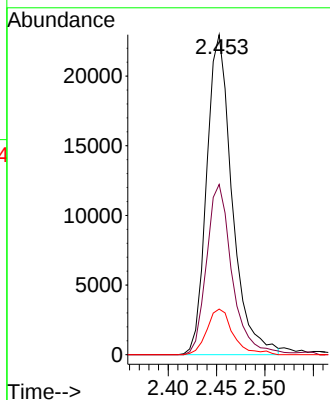
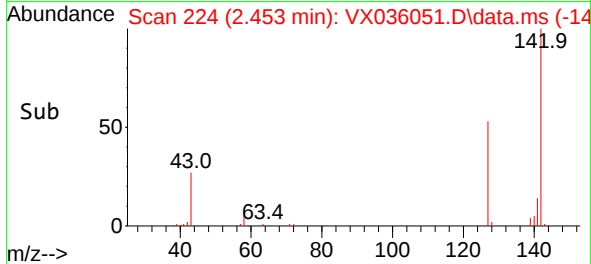
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion:142 Resp: 42104
Ion Ratio Lower Upper
142 100
127 53.2 24.5 73.5
141 14.4 7.6 22.8

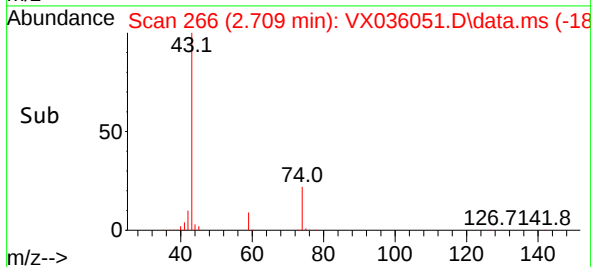
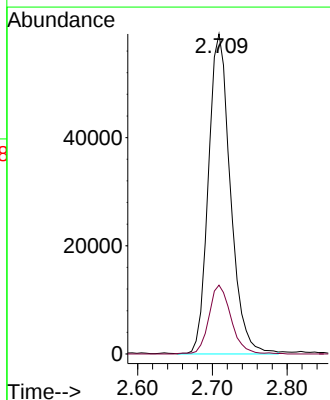
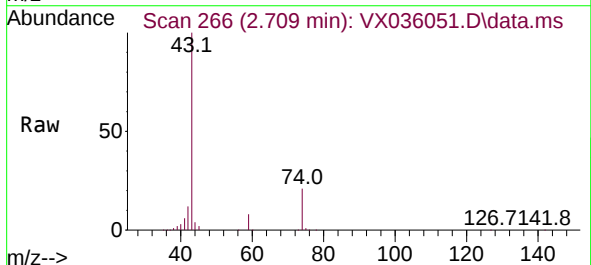
Manual Integrations
APPROVED

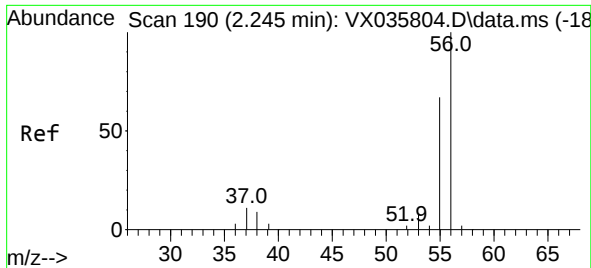
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#12
Methyl Acetate
Concen: 23.159 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 43 Resp: 121439
Ion Ratio Lower Upper
43 100
74 21.4 18.0 27.0





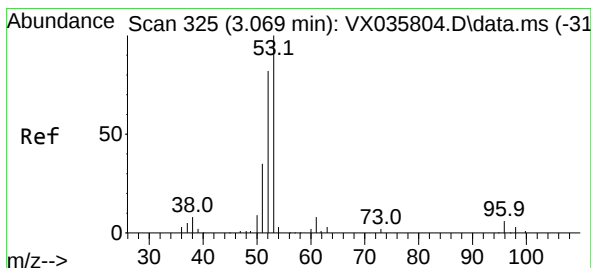
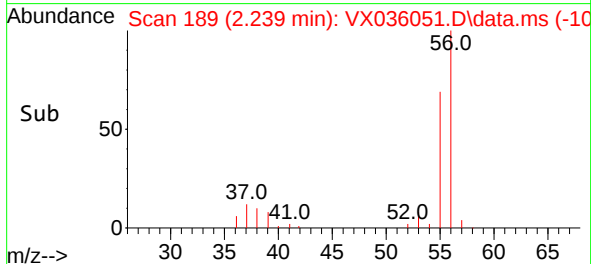
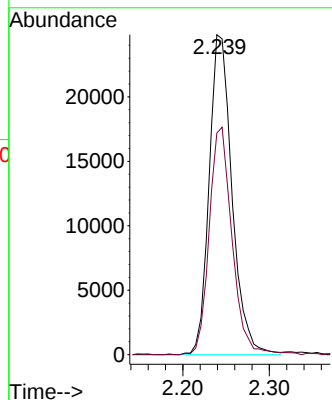
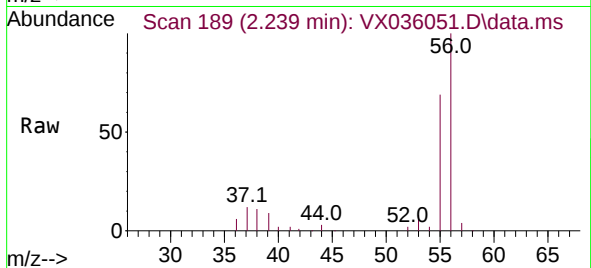
#13
Acrolein
Concen: 109.903 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 56 Resp: 4555
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

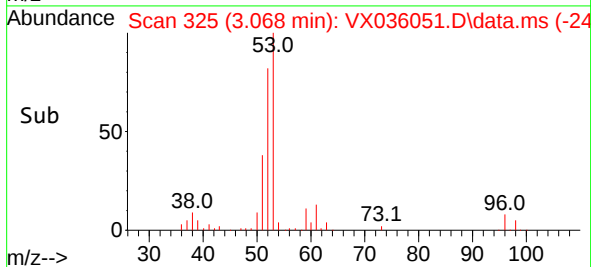
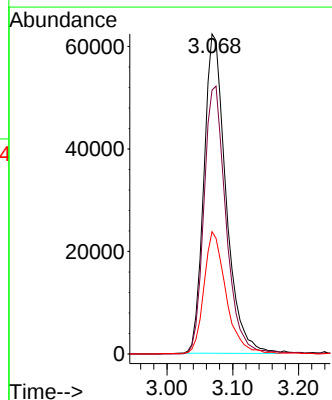
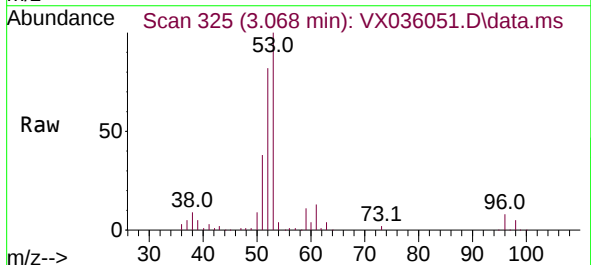
Manual Integrations
APPROVED

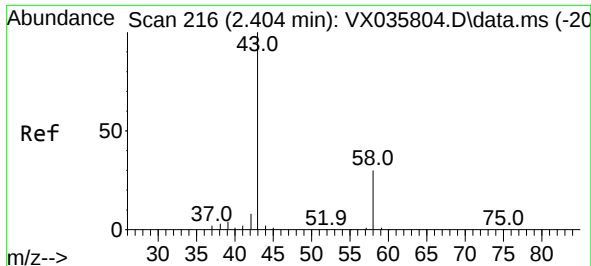
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#14
Acrylonitrile
Concen: 110.771 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 53 Resp: 145613
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.7
51 38.1 17.9 53.7





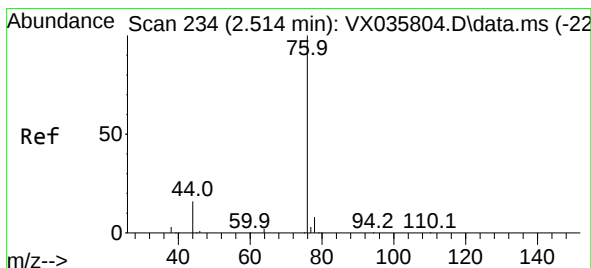
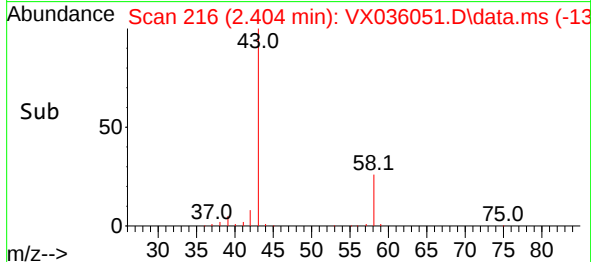
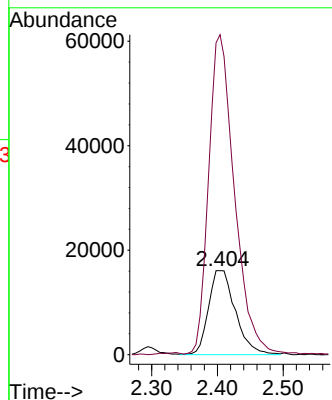
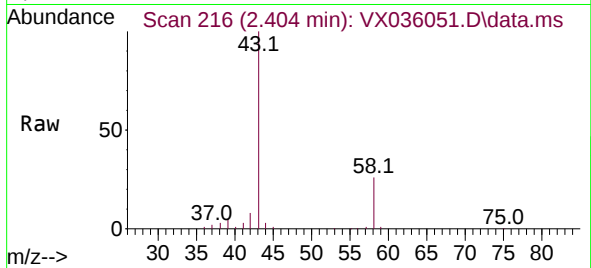
#15
Acetone
Concen: 116.589 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 58 Resp: 4584
Ion Ratio Lower Upper
58 100
43 380.9 270.8 406.2

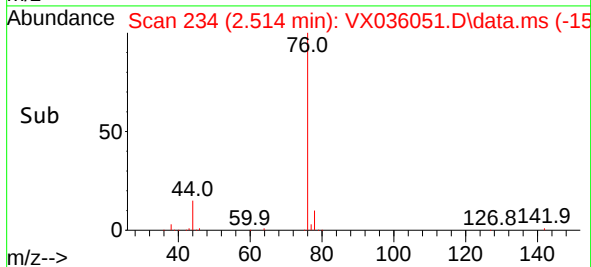
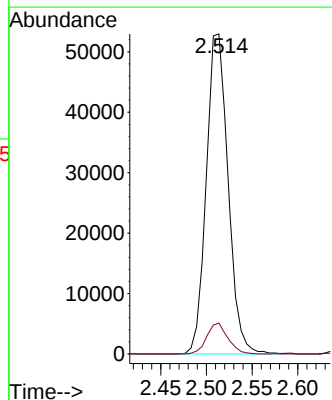
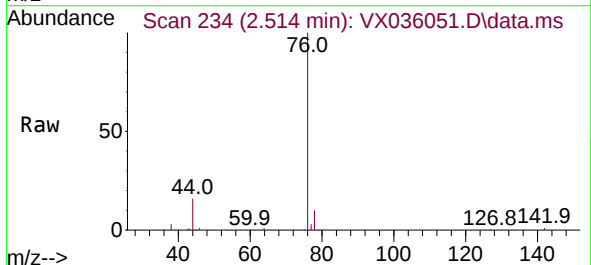
Manual Integrations
APPROVED

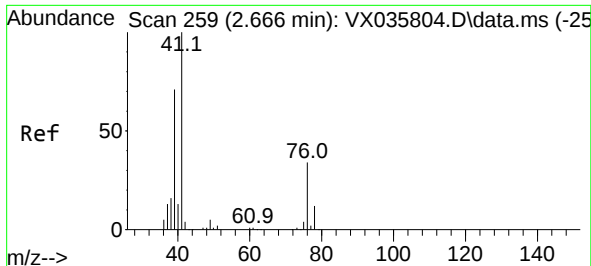
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
Carbon Disulfide
Concen: 21.838 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

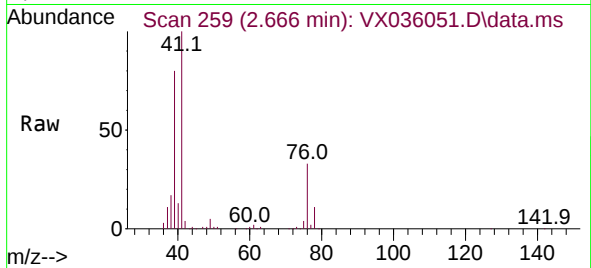
Tgt Ion: 76 Resp: 87954
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6





#17
 Allyl chloride
 Concen: 22.682 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX036051.D
 Acq: 07 Jun 2023 09:52

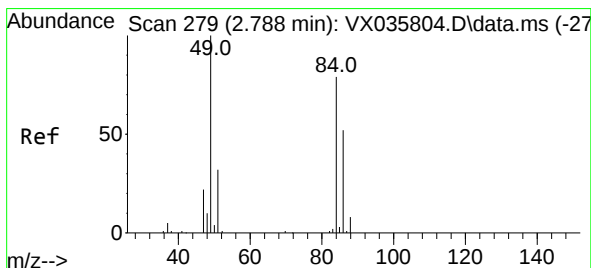
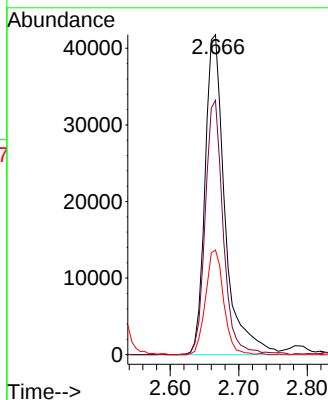
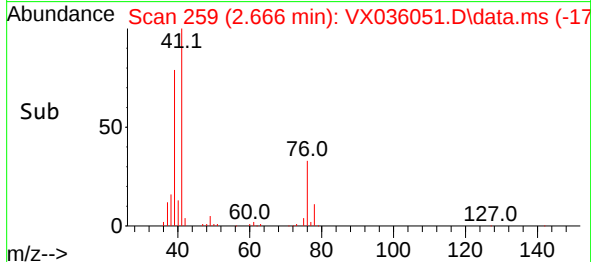
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01



Tgt Ion: 41 Resp: 84919
 Ion Ratio Lower Upper
 41 100
 39 79.5 36.4 109.3
 76 32.7 17.0 51.0

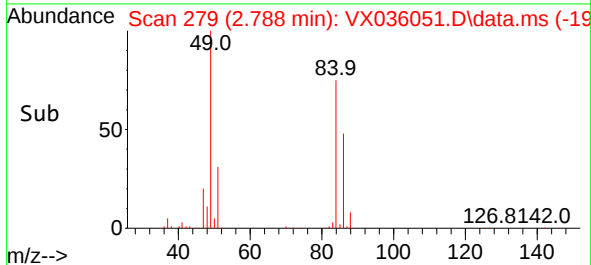
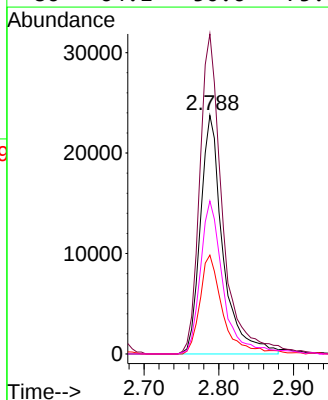
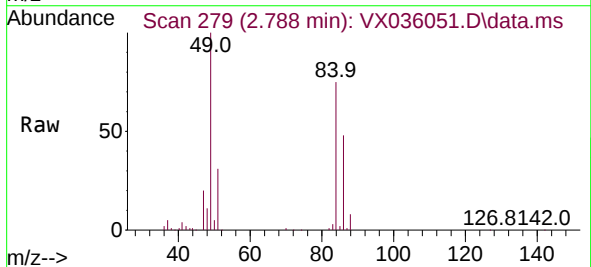
Manual Integrations
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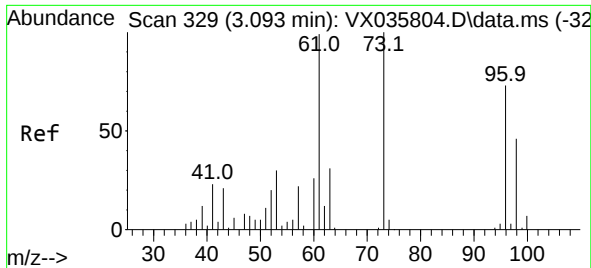
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#18
 Methylene Chloride
 Concen: 20.487 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX036051.D
 Acq: 07 Jun 2023 09:52

Tgt Ion: 84 Resp: 49511
 Ion Ratio Lower Upper
 84 100
 49 134.1 103.9 155.9
 51 41.4 30.6 45.8
 86 64.1 50.6 75.8





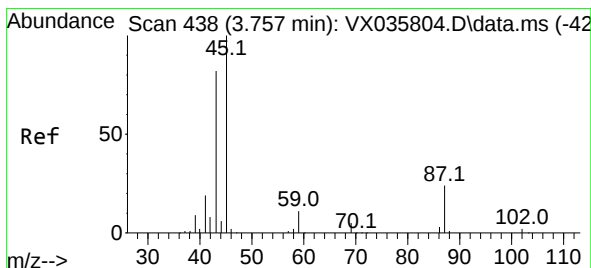
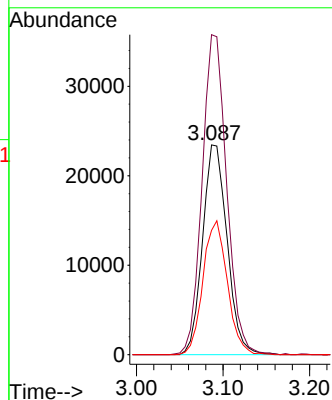
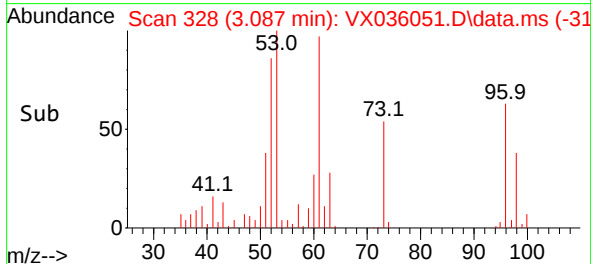
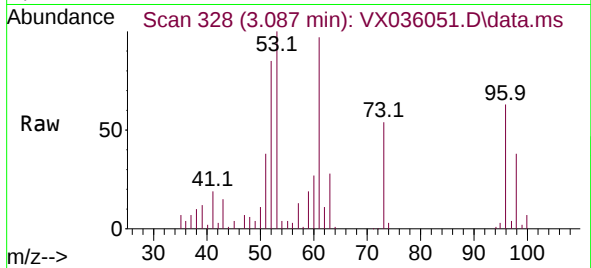
#19
trans-1,2-Dichloroethene
Concen: 22.085 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 96 Resp: 4620
Ion Ratio Lower Upper
96 100
61 152.6 111.1 166.7
98 59.3 48.6 72.8

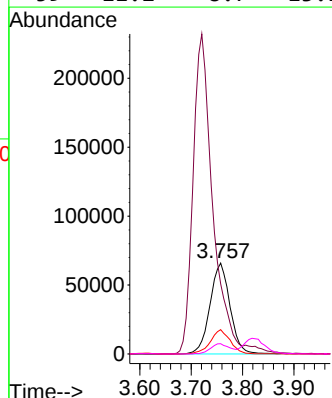
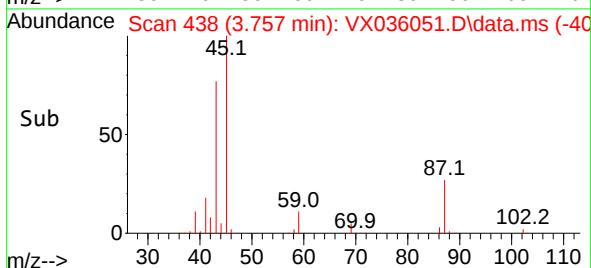
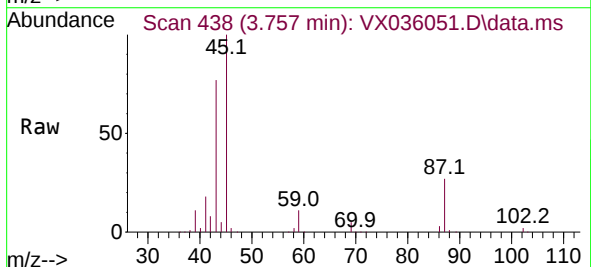
Manual Integrations
APPROVED

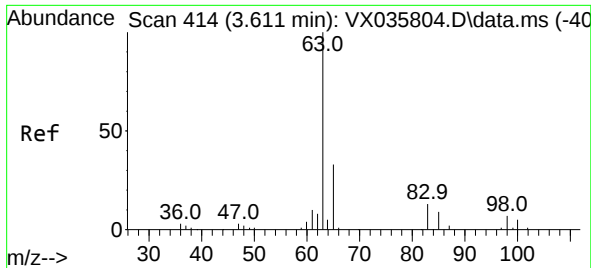
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#20
Diisopropyl ether
Concen: 22.042 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 45 Resp: 178151
Ion Ratio Lower Upper
45 100
43 75.8 66.0 99.0
87 26.7 21.8 32.6
59 11.2 8.7 13.1





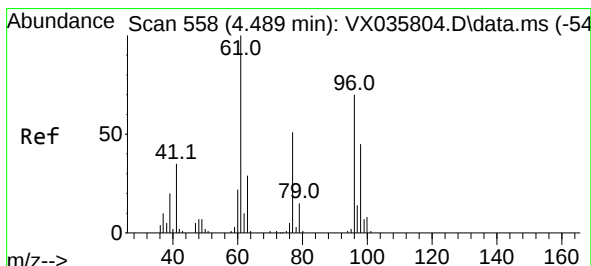
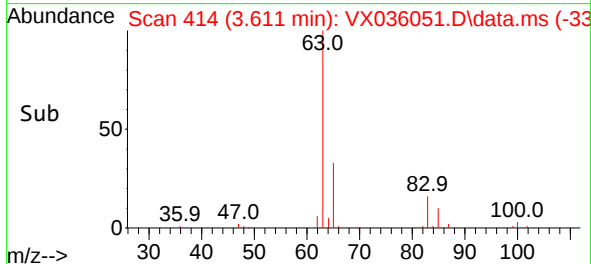
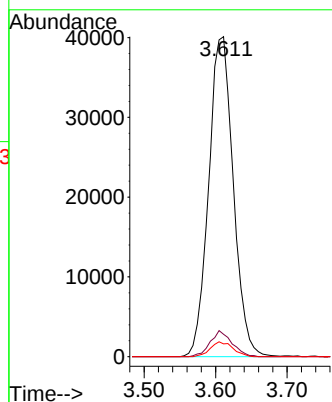
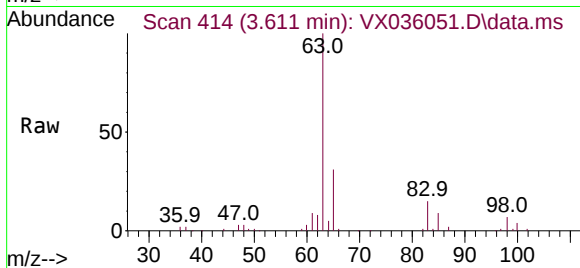
#21
1,1-Dichloroethane
Concen: 22.667 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 63 Resp: 96020
Ion Ratio Lower Upper
63 100
98 7.0 3.5 10.6
100 4.0 2.2 6.6

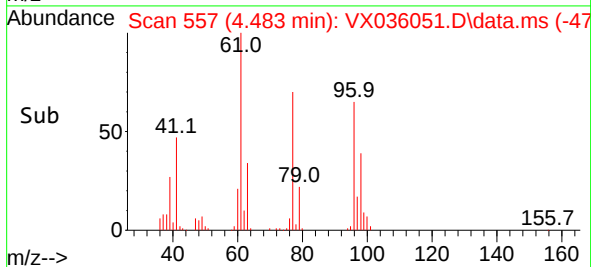
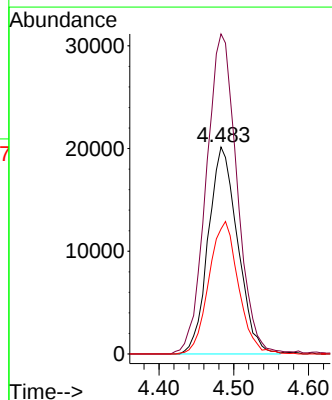
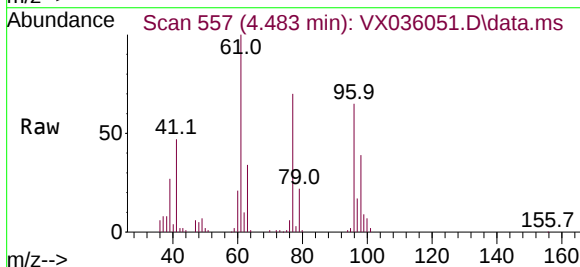
Manual Integrations
APPROVED

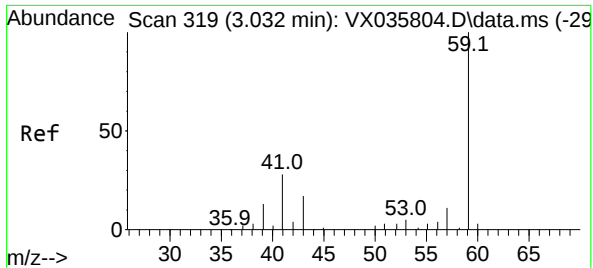
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#22
cis-1,2-Dichloroethene
Concen: 21.268 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 96 Resp: 55056
Ion Ratio Lower Upper
96 100
61 162.4 121.7 182.5
98 64.3 52.2 78.2





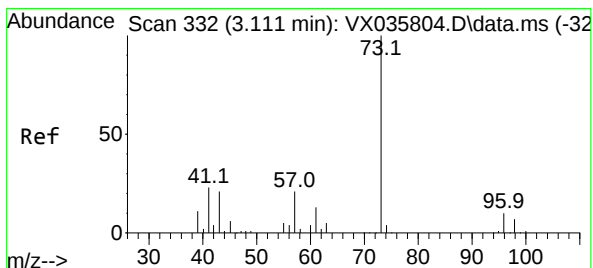
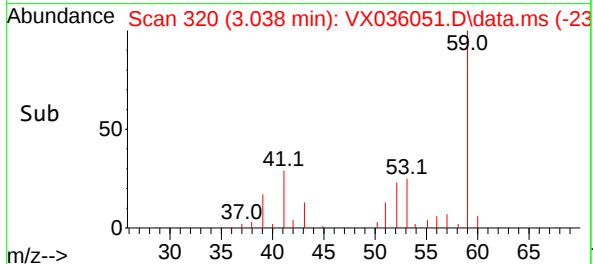
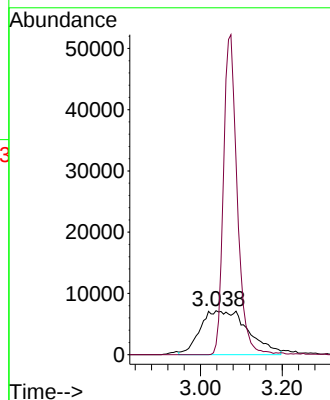
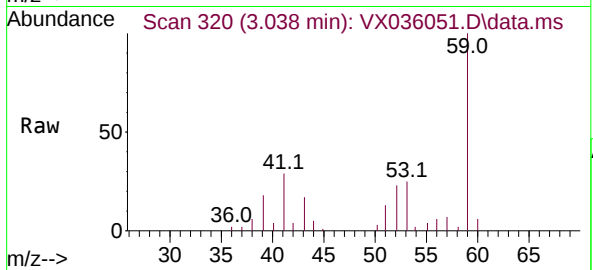
#23
tert-Butyl Alcohol
Concen: 121.394 ug/l m
RT: 3.038 min Scan# 319
Delta R.T. 0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 59 Resp: 58250
Ion Ratio Lower Upper
59 100
52 208.4 0.2 0.4

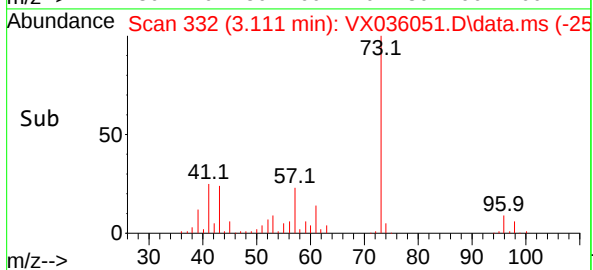
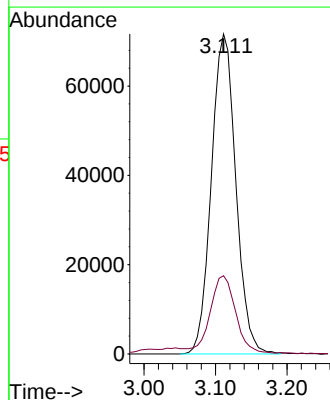
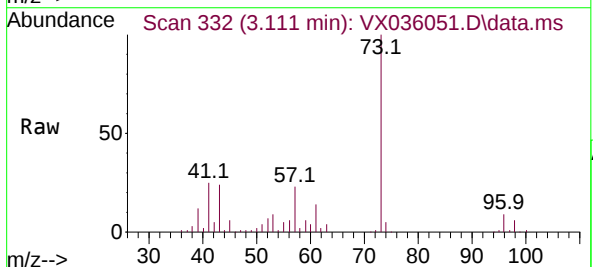
Manual Integrations
APPROVED

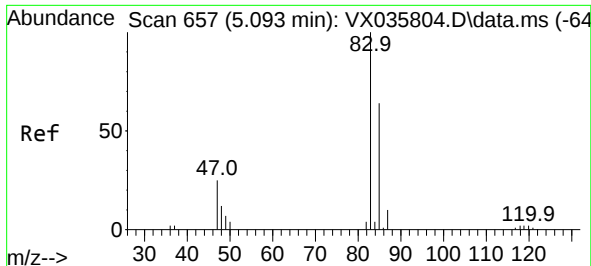
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#24
Methyl tert-Butyl Ether
Concen: 22.789 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 73 Resp: 170451
Ion Ratio Lower Upper
73 100
43 25.6 17.9 26.9





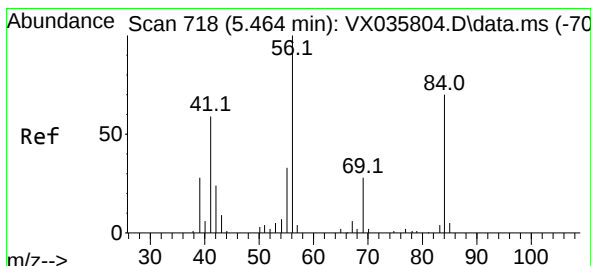
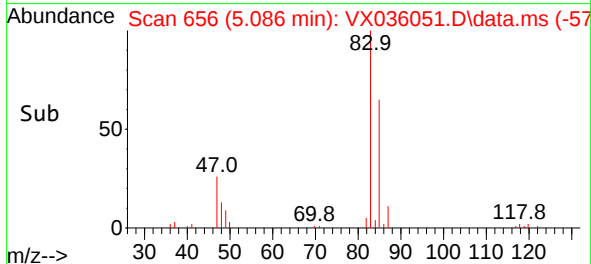
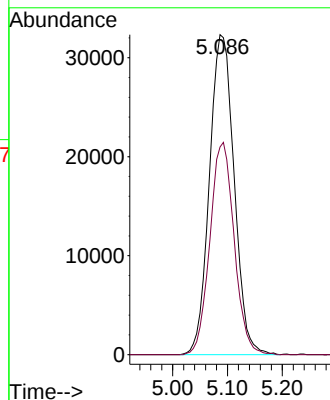
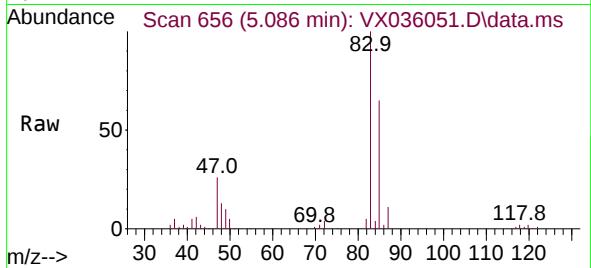
#25
Chloroform
Concen: 23.267 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 83 Resp: 101148
Ion Ratio Lower Upper
83 100
85 64.9 51.2 76.8

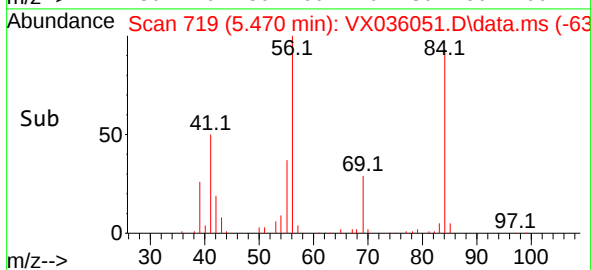
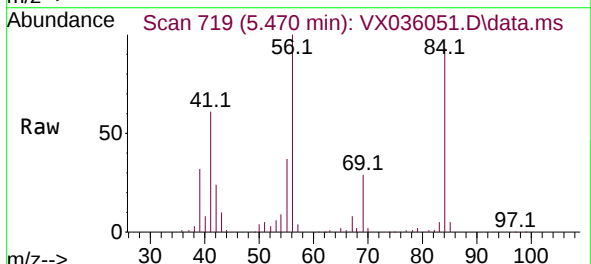
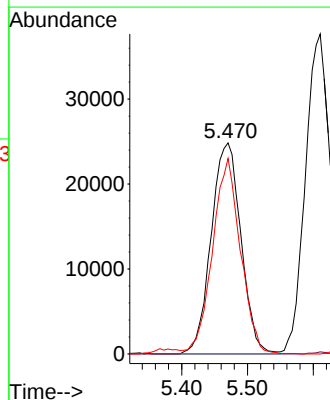
Manual Integrations
APPROVED

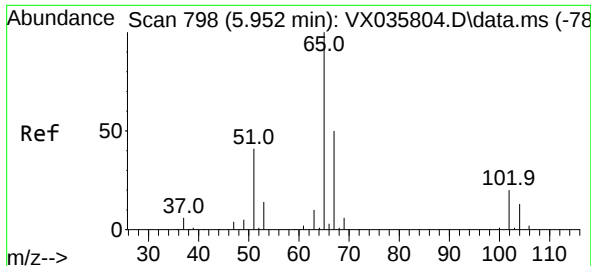
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#26
Cyclohexane
Concen: 24.466 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 56 Resp: 78388
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 67.4 101.2





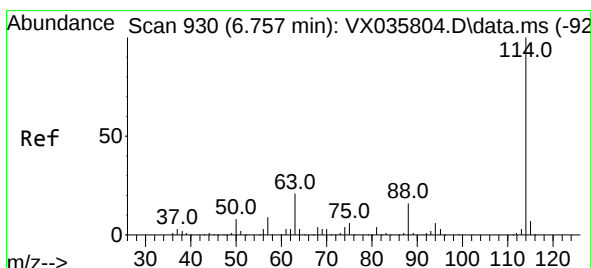
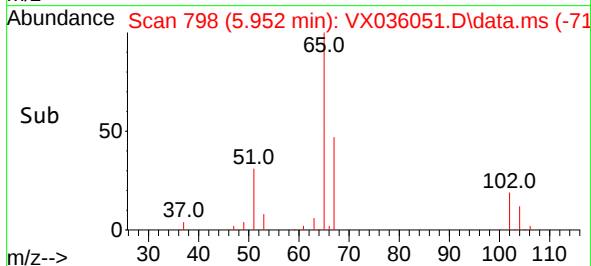
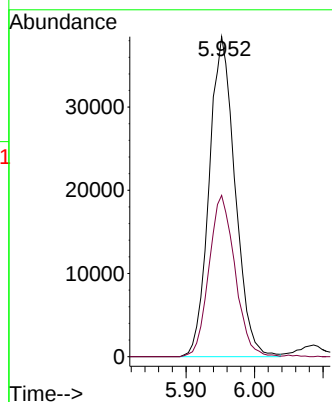
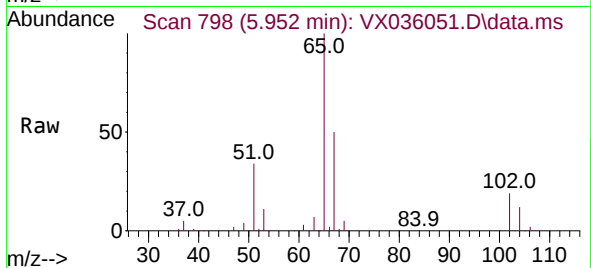
#27
1,2-Dichloroethane-d4
Concen: 32.858 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 65 Resp: 101073
Ion Ratio Lower Upper
65 100
67 50.4 40.9 61.3

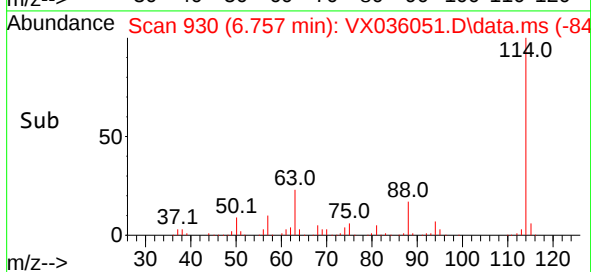
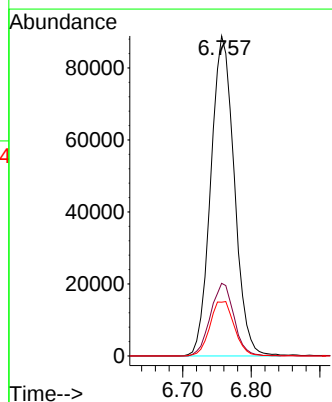
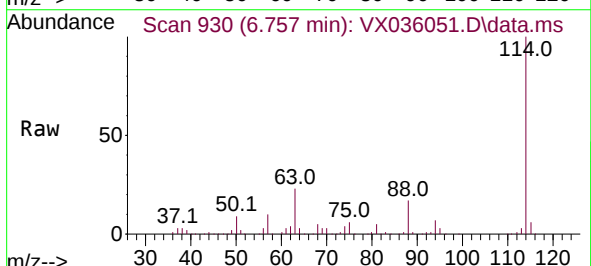
Manual Integrations
APPROVED

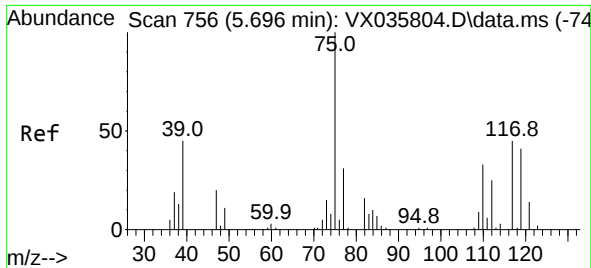
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion:114 Resp: 211554
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 17.7 13.3 19.9





#29

1,1-Dichloropropene

Concen: 24.148 ug/l

RT: 5.690 min Scan# 71139

Delta R.T. -0.006 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion: 75 Resp: 71139

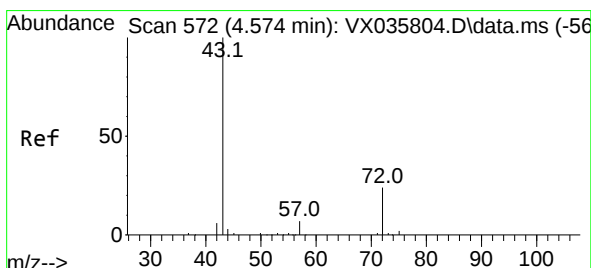
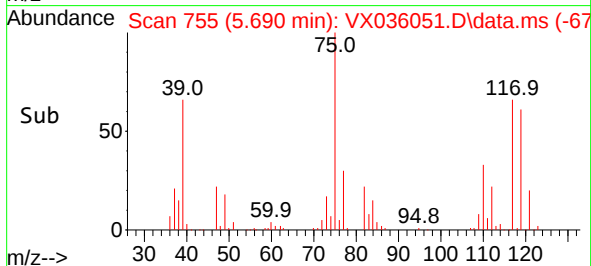
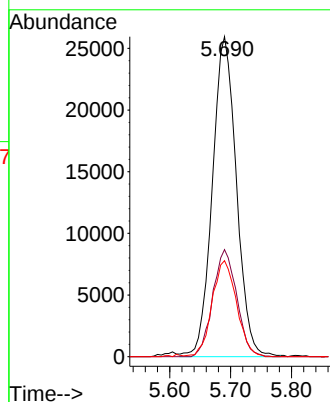
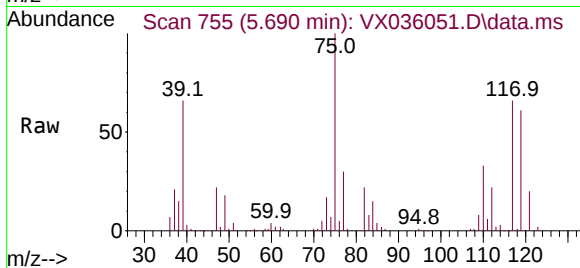
Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	71.4
77	30.5	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#30

2-Butanone

Concen: 116.034 ug/l

RT: 4.568 min Scan# 571

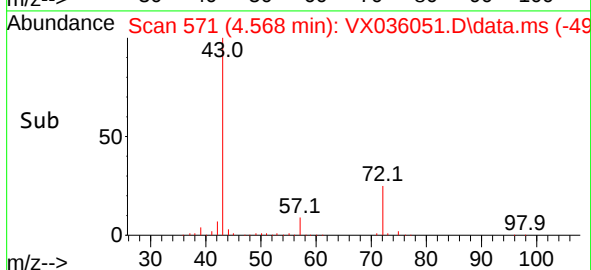
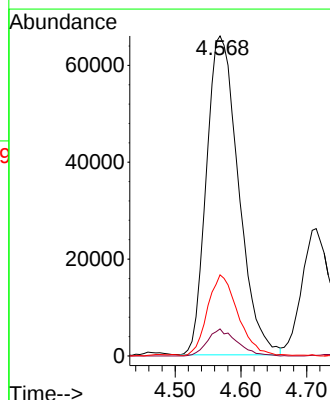
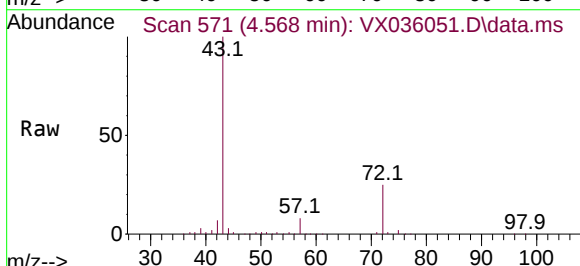
Delta R.T. -0.006 min

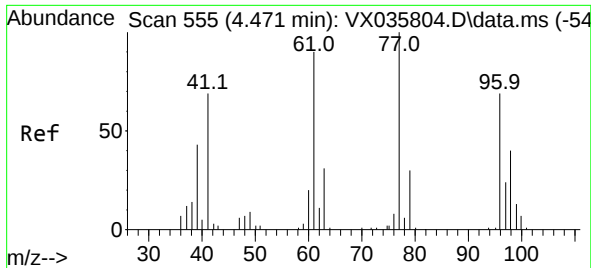
Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Tgt Ion: 43 Resp: 223768

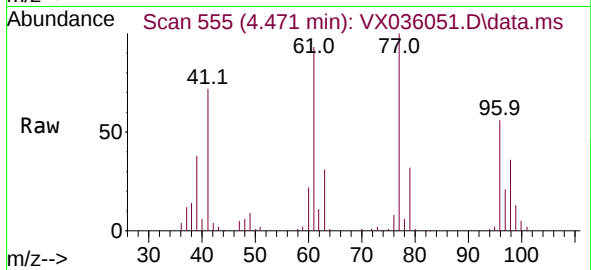
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.3	9.5
72	24.1	19.6	29.4





#31
2,2-Dichloropropane
Concen: 24.524 ug/l
RT: 4.471 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

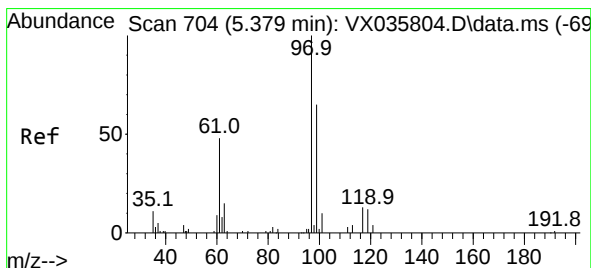
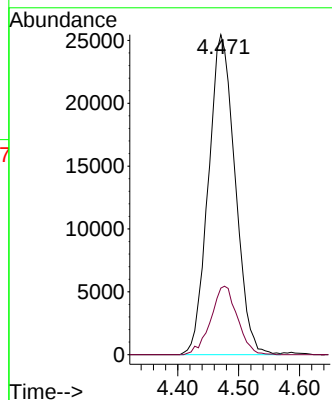
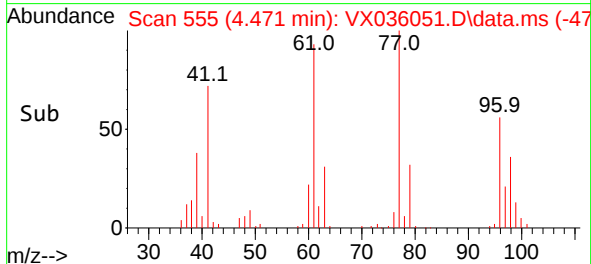
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



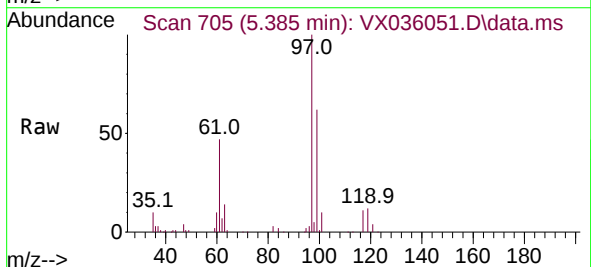
Tgt Ion: 77 Resp: 77618
Ion Ratio Lower Upper
77 100
97 21.3 18.2 27.4

Manual Integrations
APPROVED

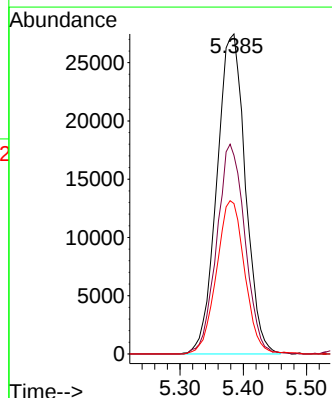
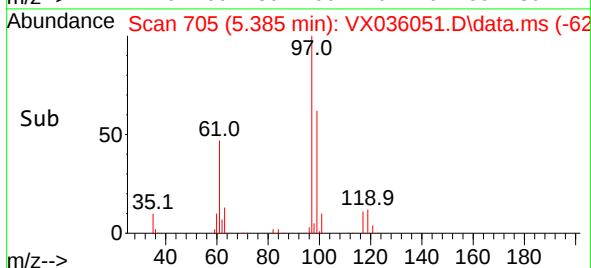
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

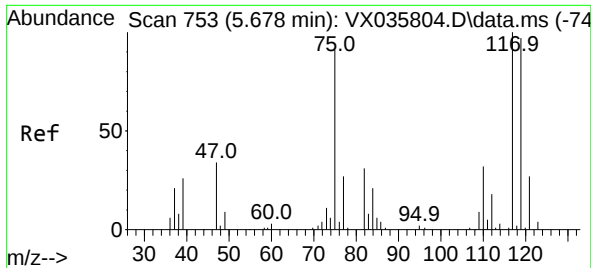


#32
1,1,1-Trichloroethane
Concen: 24.963 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



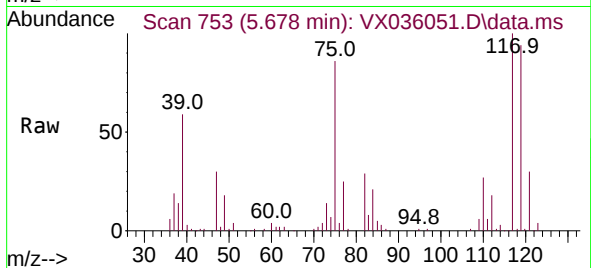
Tgt Ion: 97 Resp: 85878
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 47.3 36.6 55.0





#33
Carbon Tetrachloride
Concen: 25.814 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

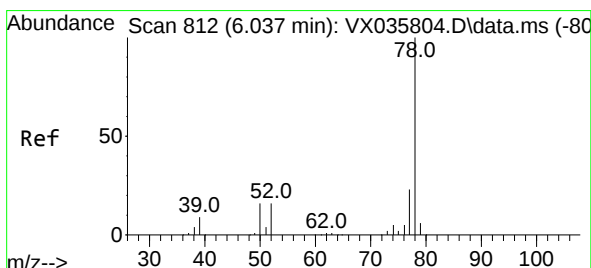
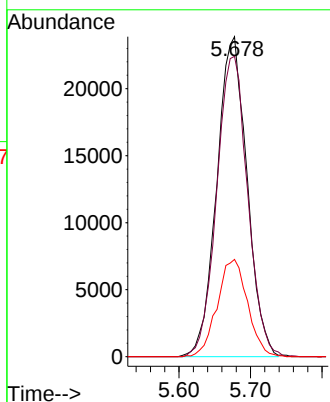
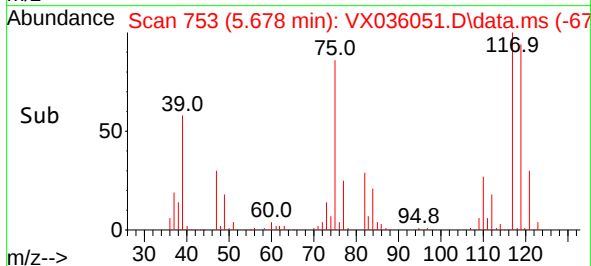
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion:117 Resp: 70120
Ion Ratio Lower Upper
117 100
119 93.8 73.3 109.9
121 30.4 24.0 36.0

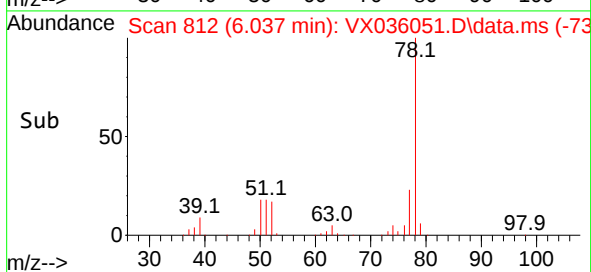
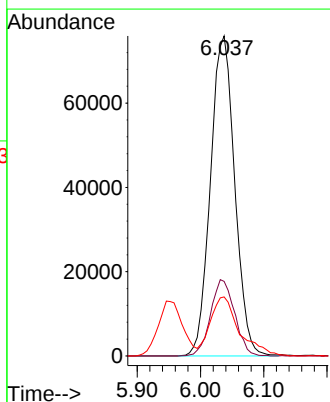
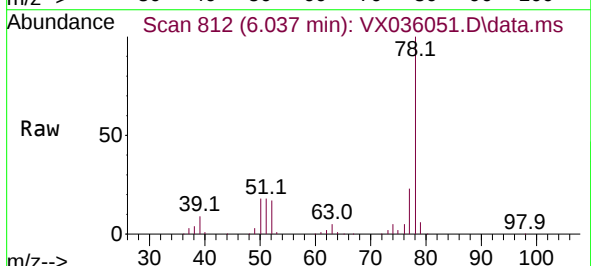
Manual Integrations
APPROVED

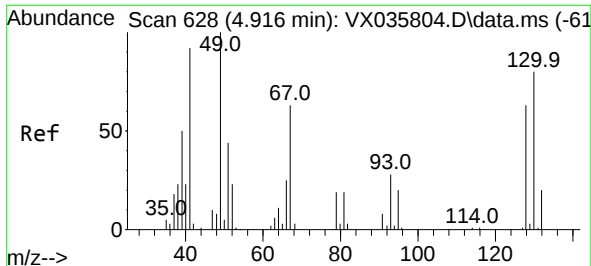
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#34
Benzene
Concen: 21.797 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

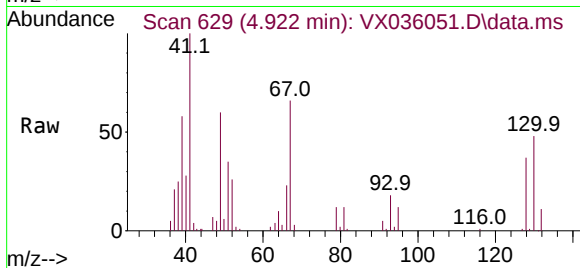
Tgt Ion: 78 Resp: 202573
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4
51 17.9 14.6 21.8





#35
Methacrylonitrile
Concen: 22.569 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

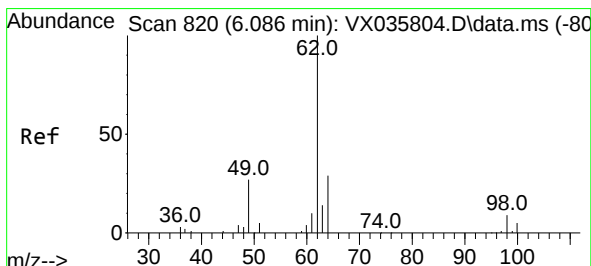
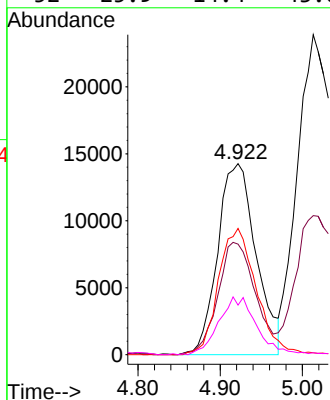
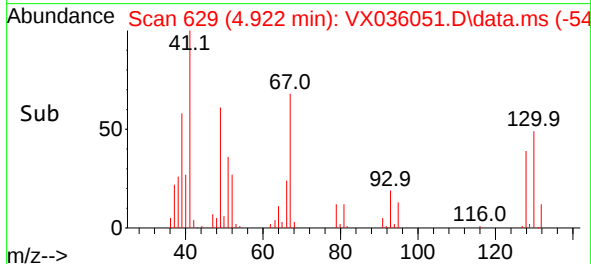
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 41 Resp: 4644
Ion Ratio Lower Upper
41 100
39 57.9 28.0 84.0
67 66.1 31.6 94.7
52 25.9 14.4 43.0

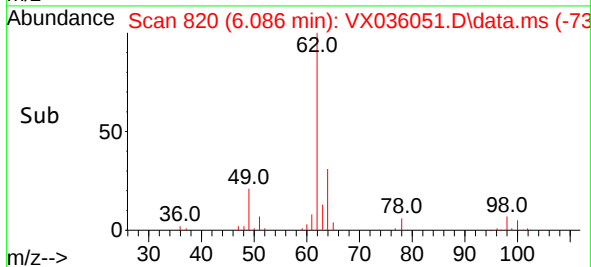
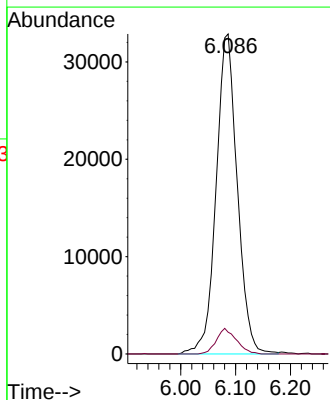
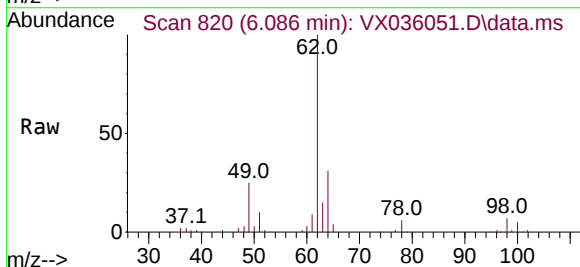
Manual Integrations
APPROVED

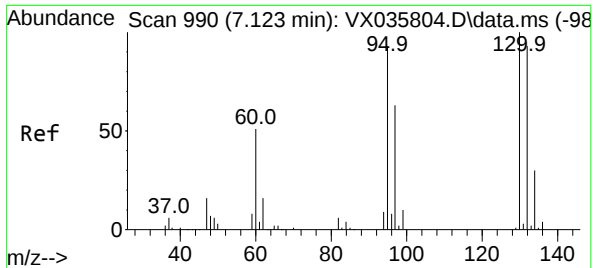
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#36
1,2-Dichloroethane
Concen: 24.367 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

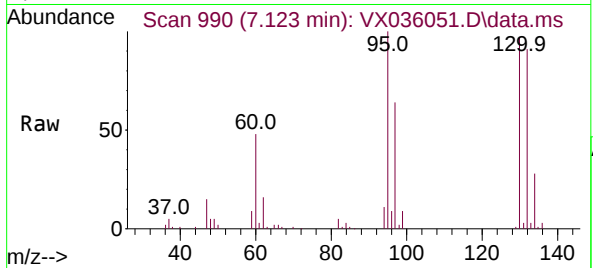
Tgt Ion: 62 Resp: 88134
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.6





#37
Trichloroethene
Concen: 22.646 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

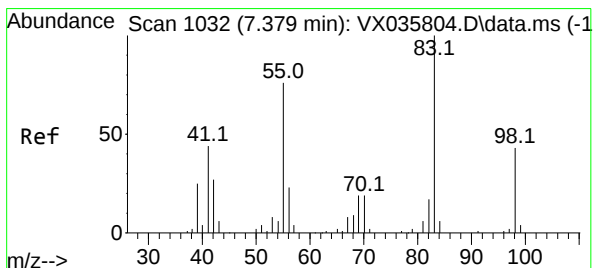
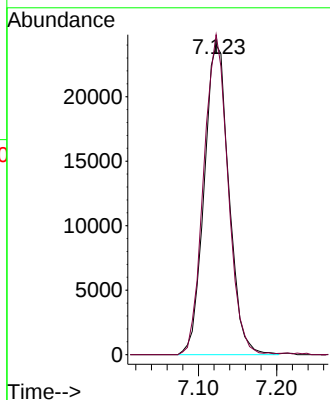
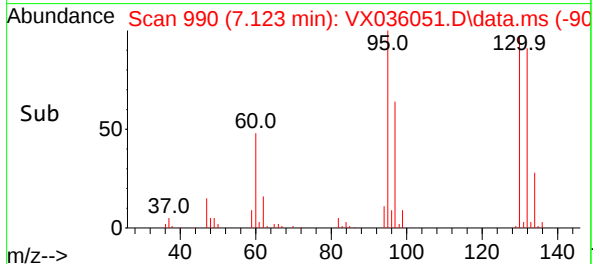
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



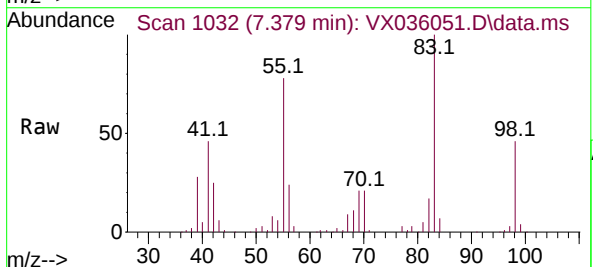
Tgt Ion:130 Resp: 5290
Ion Ratio Lower Upper
130 100
95 103.2 77.8 116.6

Manual Integrations
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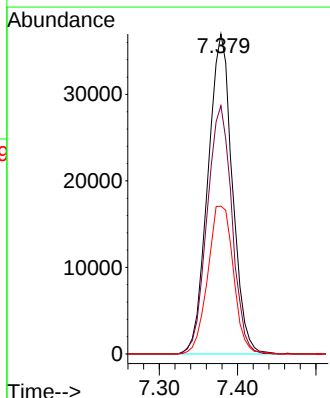
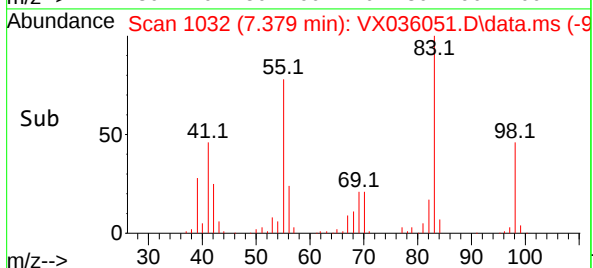
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

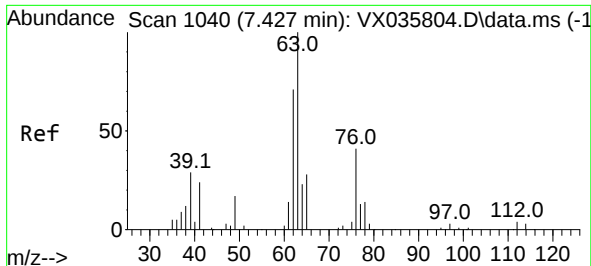


#38
Methylcyclohexane
Concen: 24.834 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



Tgt Ion: 83 Resp: 80232
Ion Ratio Lower Upper
83 100
55 78.5 38.8 116.4
98 48.6 23.8 71.2





#39

1,2-Dichloropropane

Concen: 21.738 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion: 63 Resp: 54378

Ion Ratio Lower Upper

63 100

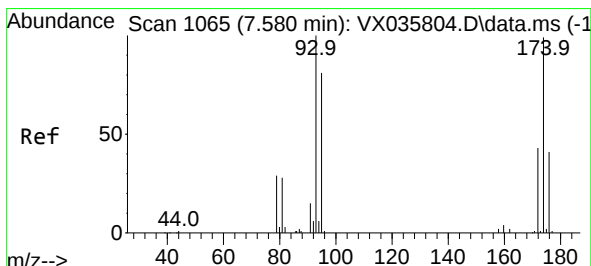
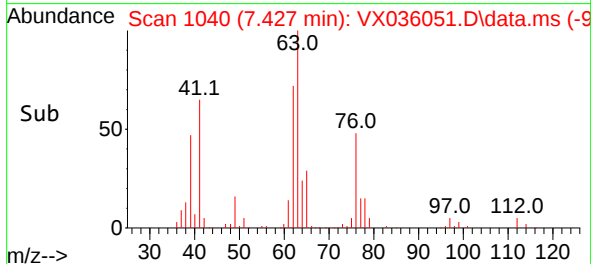
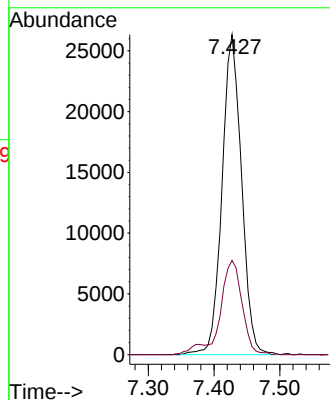
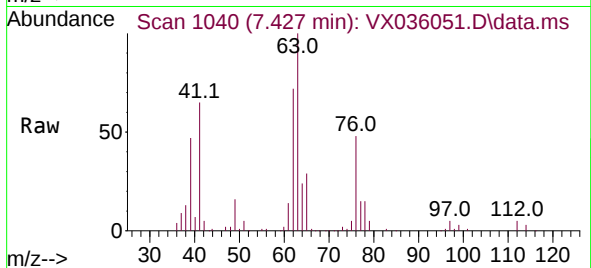
65 29.5 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

Dibromomethane

Concen: 22.254 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

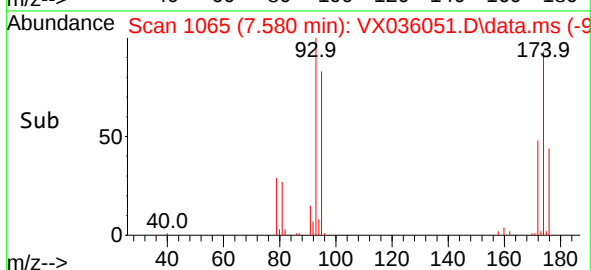
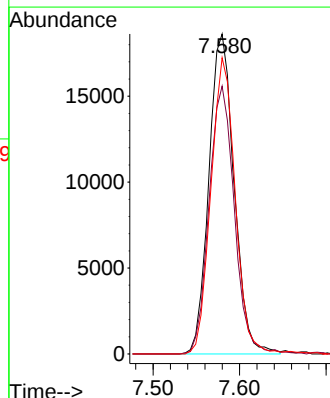
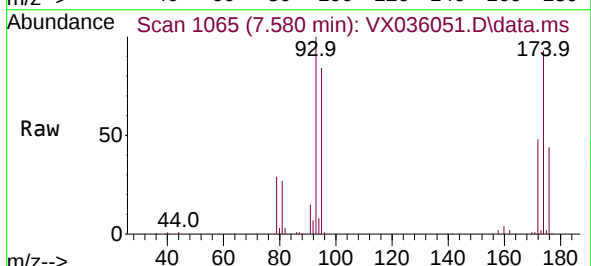
Tgt Ion: 93 Resp: 37651

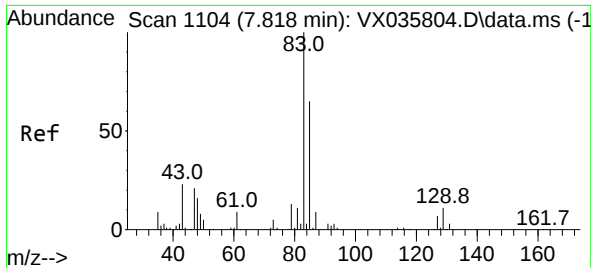
Ion Ratio Lower Upper

93 100

95 83.5 0.0 165.8

174 89.0 0.0 188.8





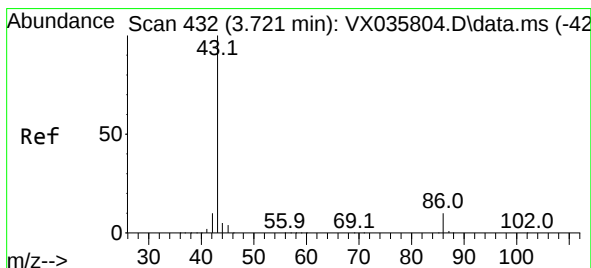
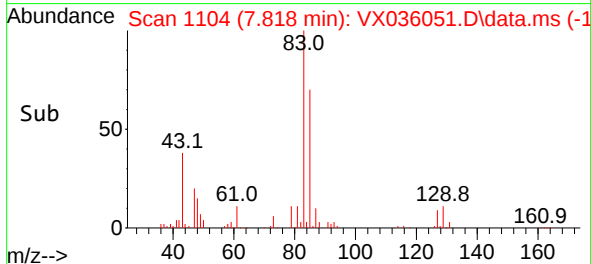
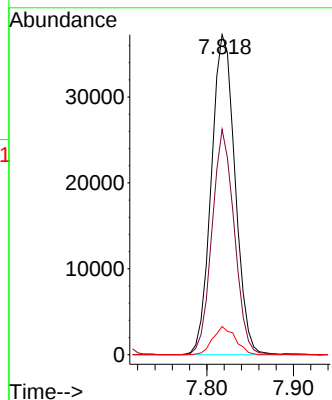
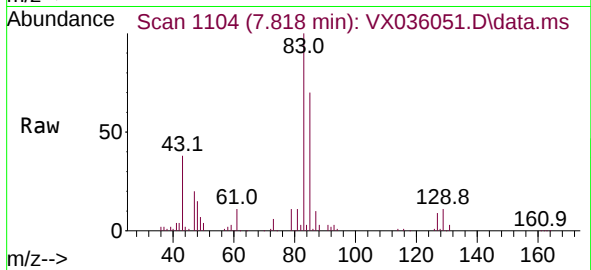
#41
Bromodichloromethane
Concen: 23.173 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 83 Resp: 7087
Ion Ratio Lower Upper
83 100
85 70.4 51.1 76.7
127 8.8 8.2 12.4

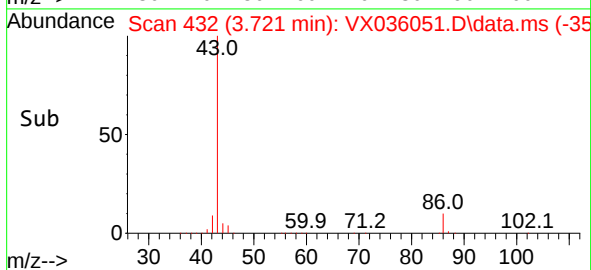
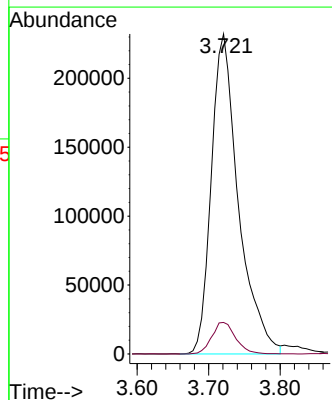
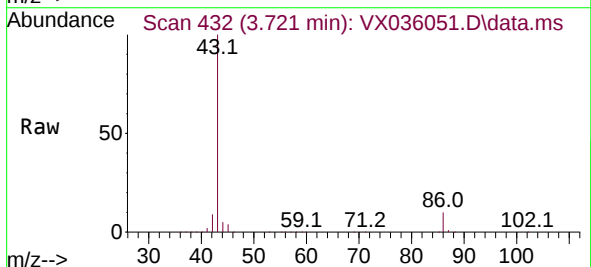
Manual Integrations
APPROVED

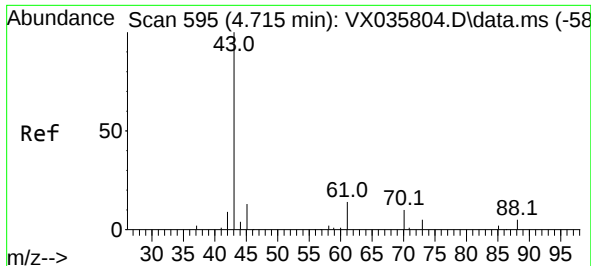
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#42
Vinyl Acetate
Concen: 108.177 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

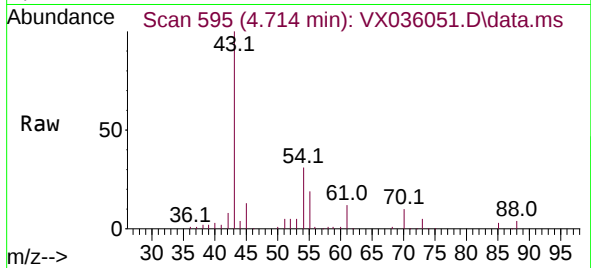
Tgt Ion: 43 Resp: 612781
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





#43
Ethyl Acetate
Concen: 22.775 ug/l m
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

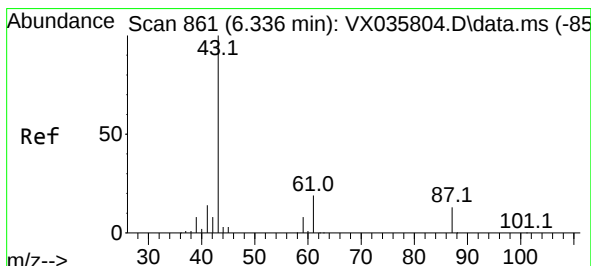
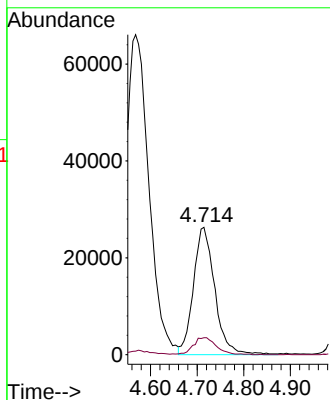
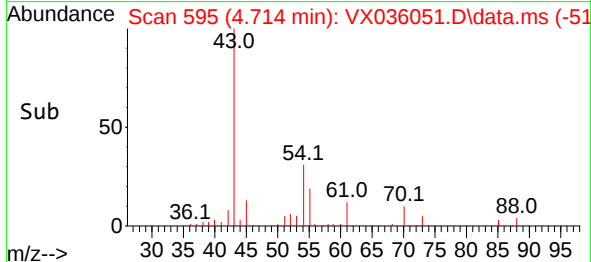
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 43 Resp: 8376
Ion Ratio Lower Upper
43 100
45 0.1 12.0 18.0

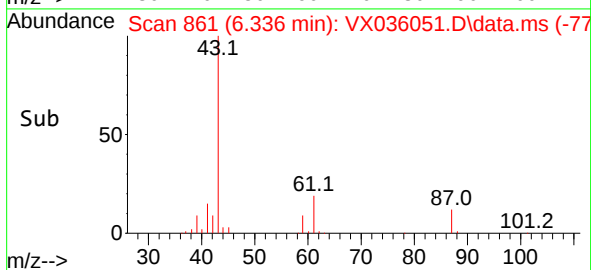
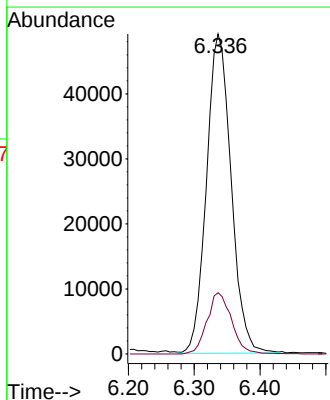
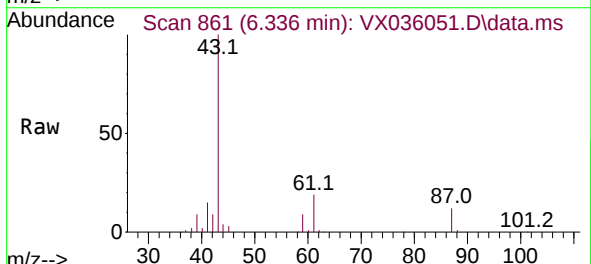
Manual Integrations
APPROVED

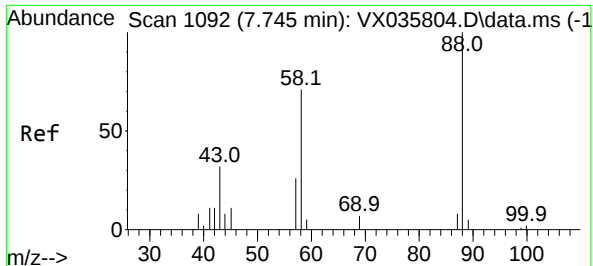
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#44
Isopropyl Acetate
Concen: 21.334 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

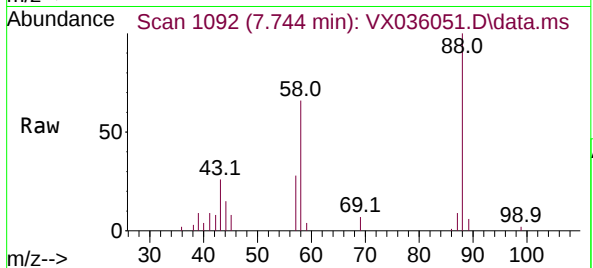
Tgt Ion: 43 Resp: 127900
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0





#45
1,4-Dioxane
Concen: 478.498 ug/l m
RT: 7.744 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

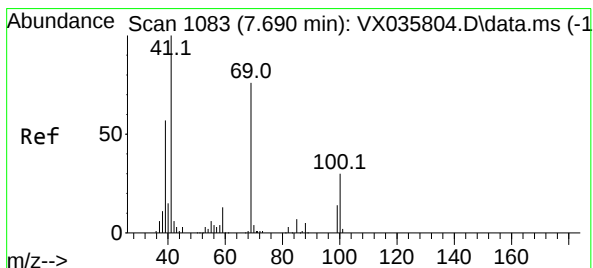
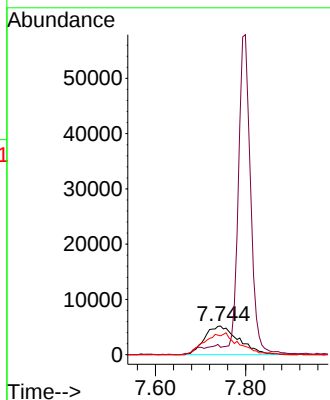
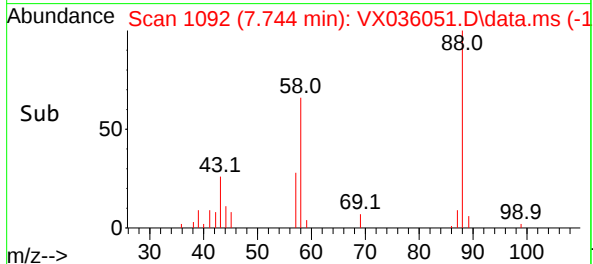
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 88 Resp: 27240
Ion Ratio Lower Upper
88 100
43 0.1 26.5 39.7
58 0.0 55.6 83.4

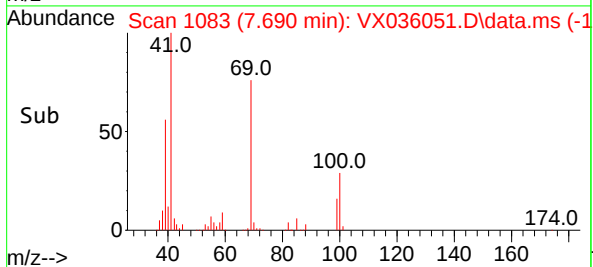
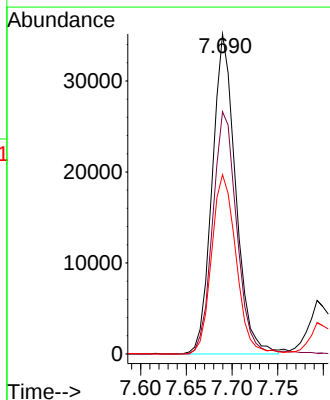
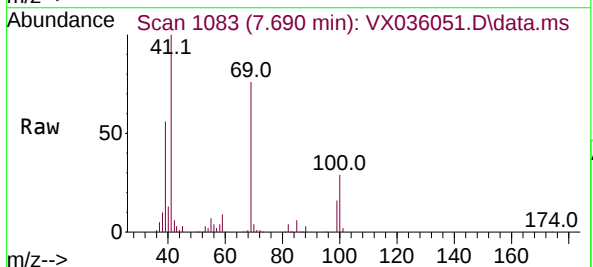
Manual Integrations
APPROVED

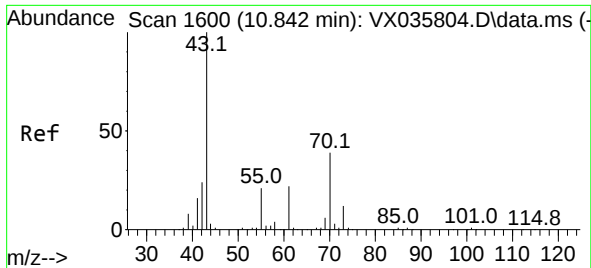
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#46
Methyl methacrylate
Concen: 21.702 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

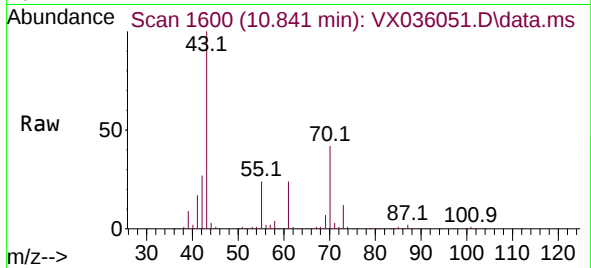
Tgt Ion: 41 Resp: 62864
Ion Ratio Lower Upper
41 100
69 75.7 38.1 114.5
39 56.1 31.4 94.3





#47
n-amyl acetate
Concen: 21.048 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

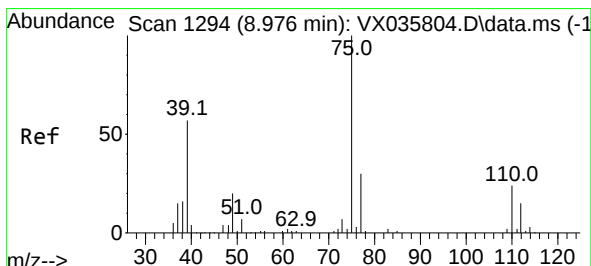
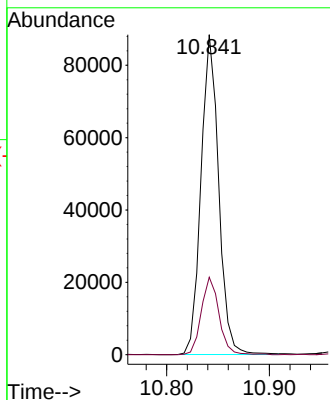
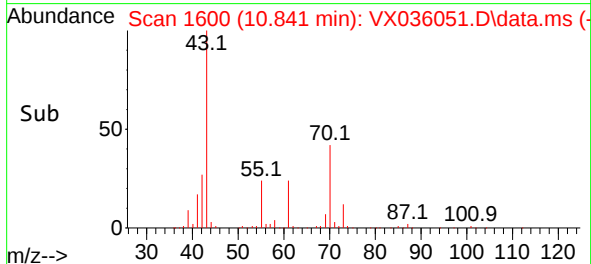
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 43 Resp: 105980
Ion Ratio Lower Upper
43 100
55 24.0 18.6 28.0

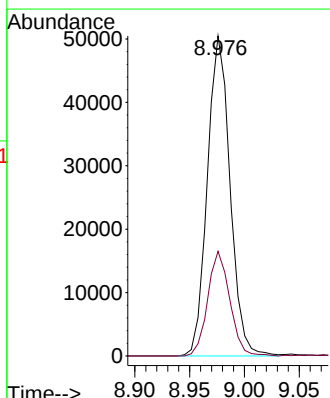
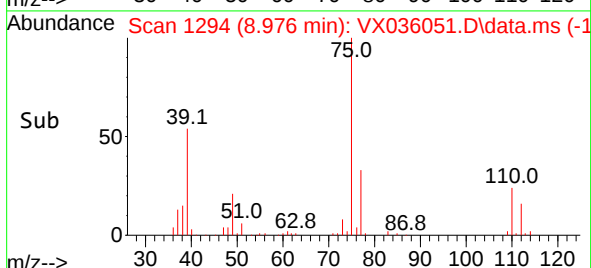
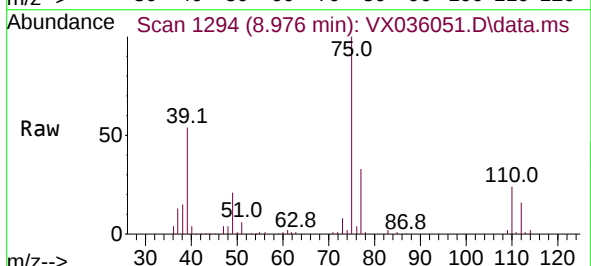
Manual Integrations
APPROVED

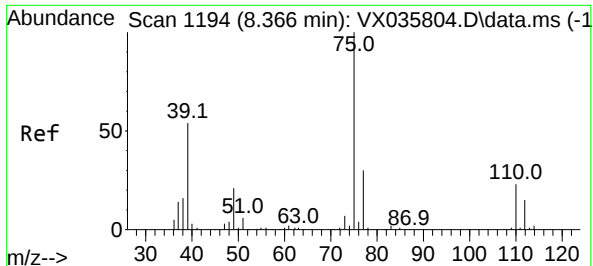
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#48
t-1,3-Dichloropropene
Concen: 21.519 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 75 Resp: 72815
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 21.963 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion: 75 Resp: 82014

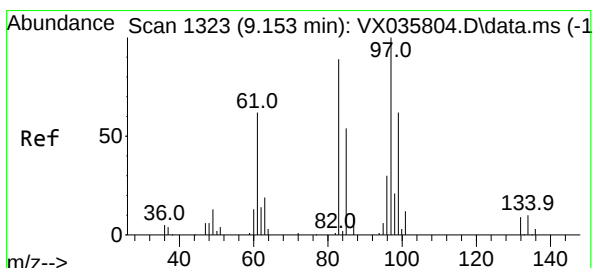
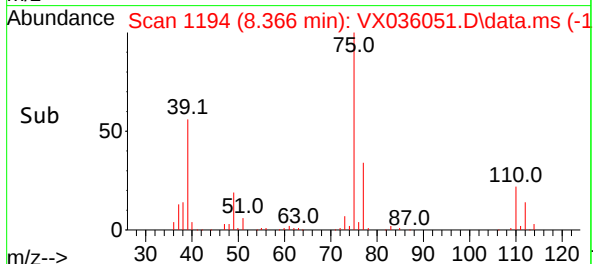
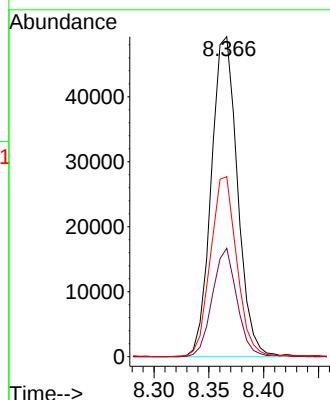
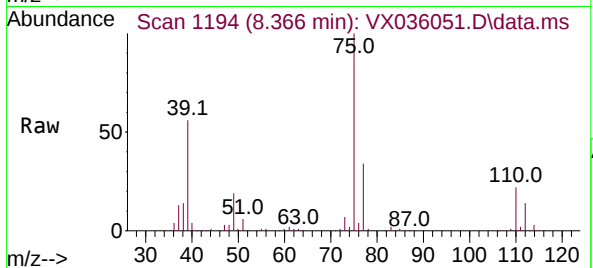
Ion	Ratio	Lower	Upper
75	100		
77	33.9	24.6	37.0
39	56.0	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

1,1,2-Trichloroethane

Concen: 22.250 ug/l

RT: 9.153 min Scan# 1323

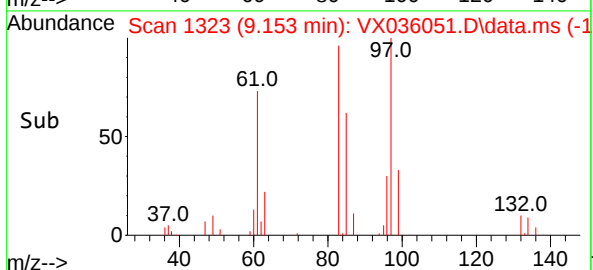
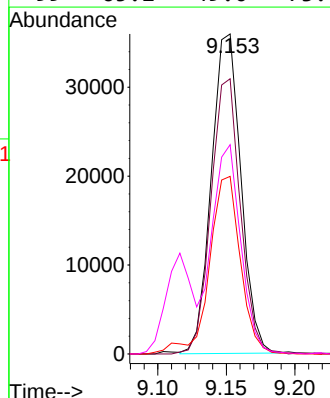
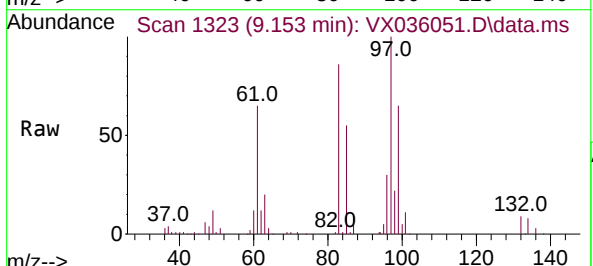
Delta R.T. -0.000 min

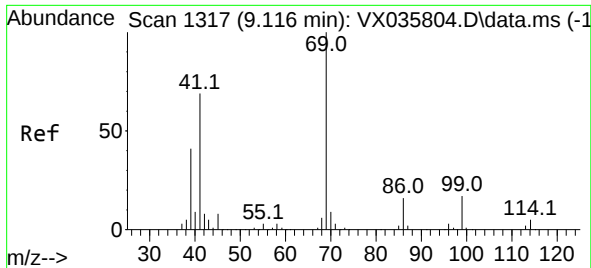
Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Tgt Ion: 97 Resp: 53857

Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.9	103.3
85	55.5	44.0	66.0
99	65.2	49.0	73.4





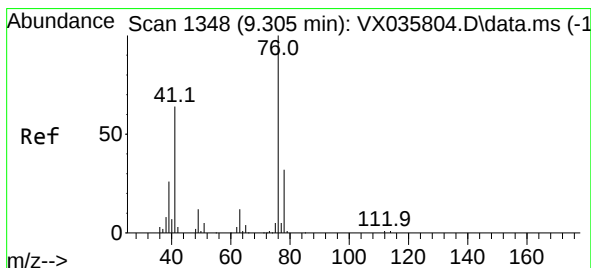
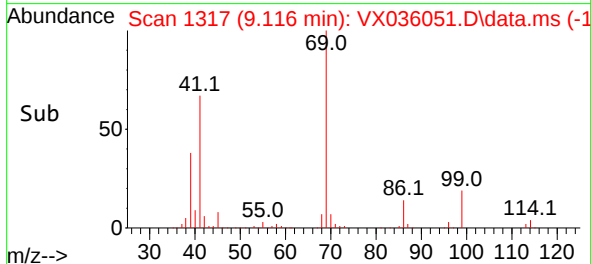
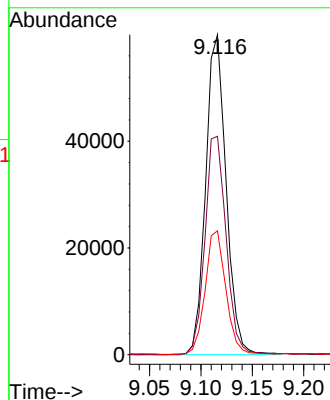
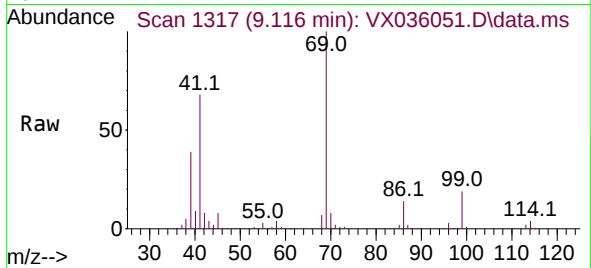
#51
Ethyl methacrylate
Concen: 22.249 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 69 Resp: 83018
Ion Ratio Lower Upper
69 100
41 68.1 36.2 108.6
39 38.5 21.2 63.6

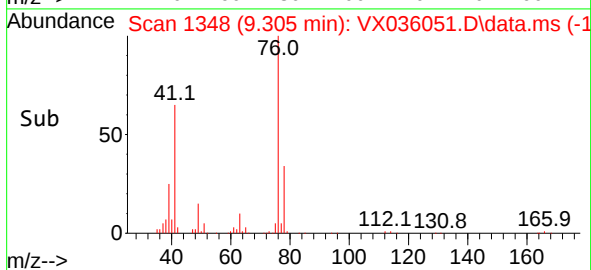
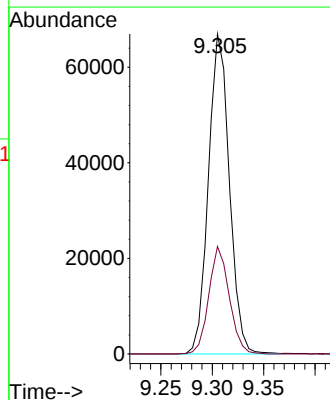
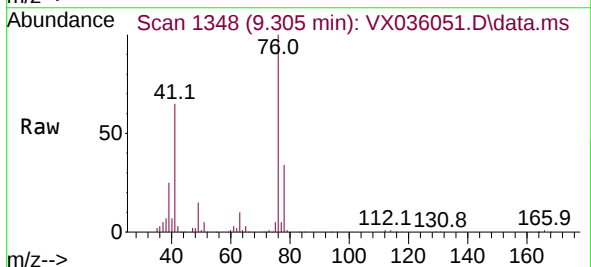
Manual Integrations
APPROVED

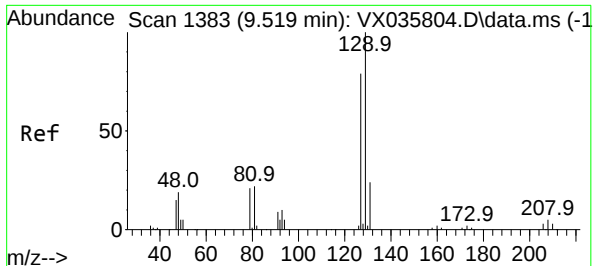
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#52
1,3-Dichloropropane
Concen: 22.496 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

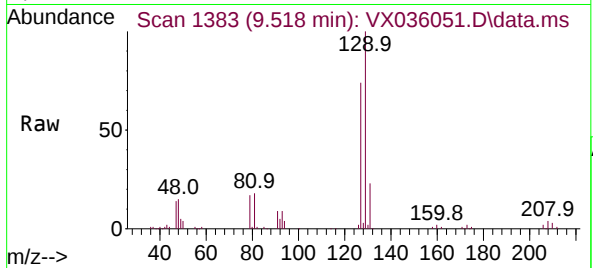
Tgt Ion: 76 Resp: 94893
Ion Ratio Lower Upper
76 100
78 32.8 0.0 63.8





#53
Dibromochloromethane
Concen: 23.324 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

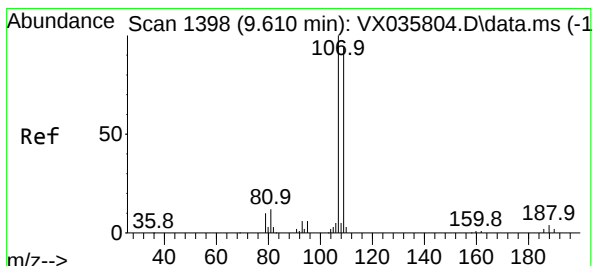
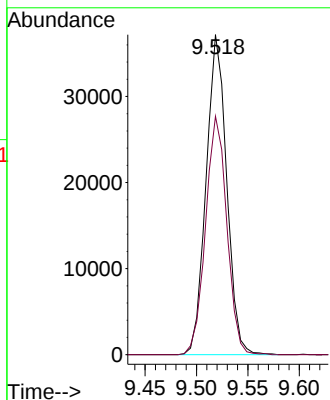
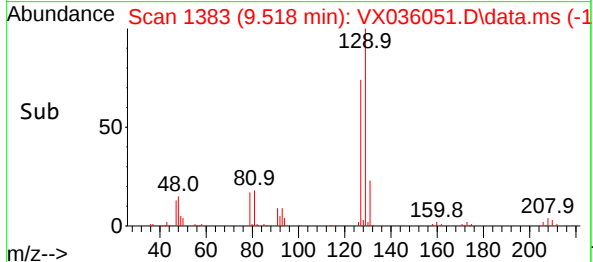
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion:129 Resp: 51775
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.5

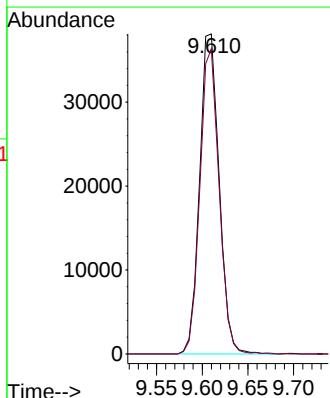
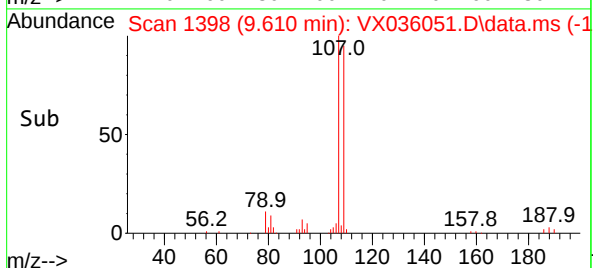
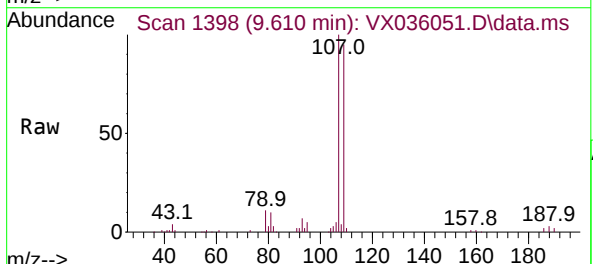
Manual Integrations
APPROVED

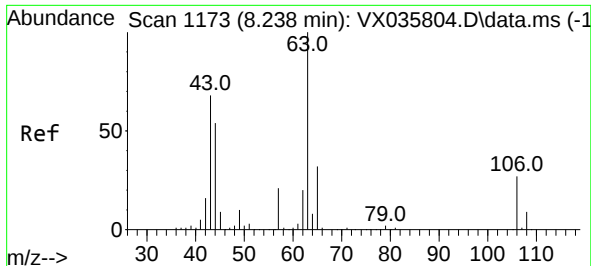
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#54
1,2-Dibromoethane
Concen: 22.496 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion:107 Resp: 56572
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2





#55

2-Chloroethyl vinyl ether

Concen: 92.107 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion: 63 Resp: 18238

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2

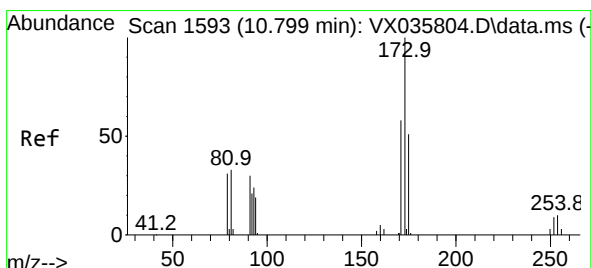
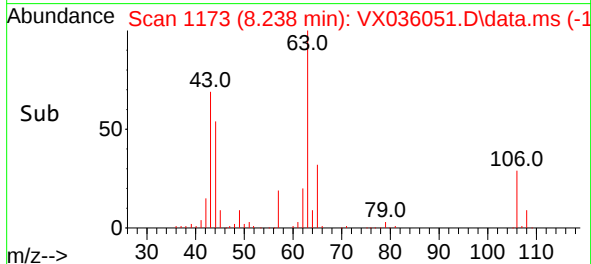
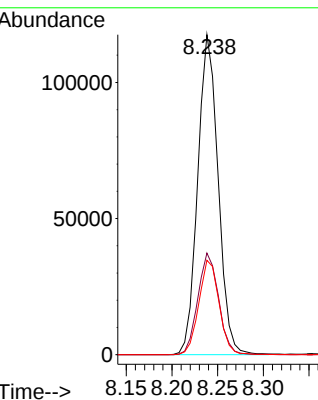
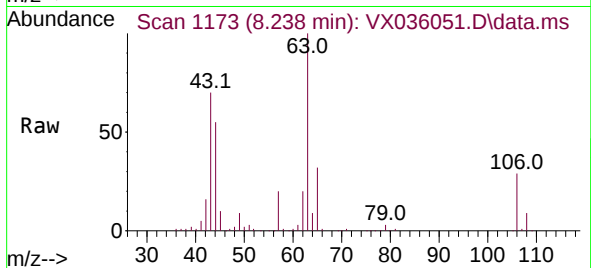
106 29.3 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#56

Bromoform

Concen: 22.894 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

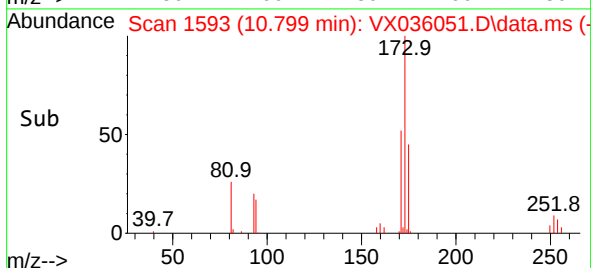
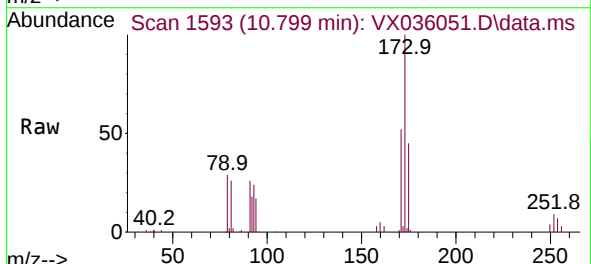
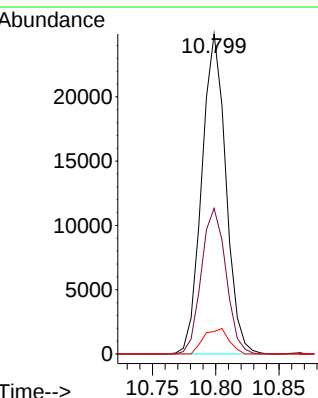
Tgt Ion:173 Resp: 32945

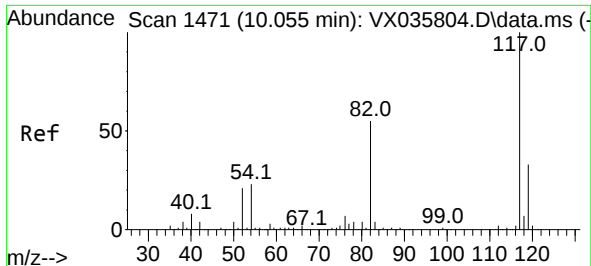
Ion Ratio Lower Upper

173 100

175 46.5 37.0 55.4

254 8.2 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion: 117 Resp: 198059

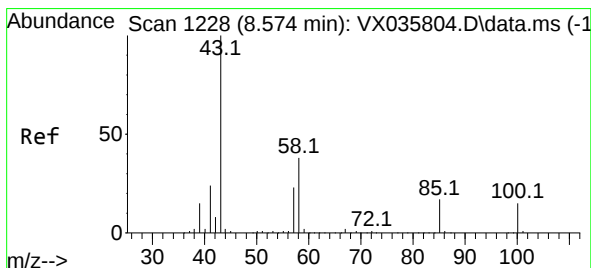
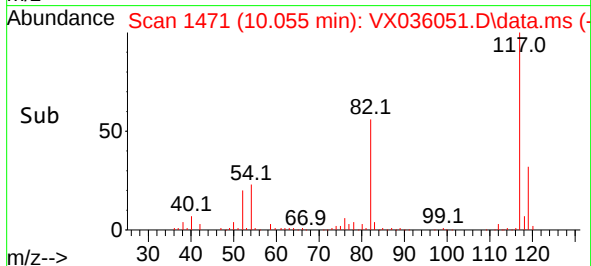
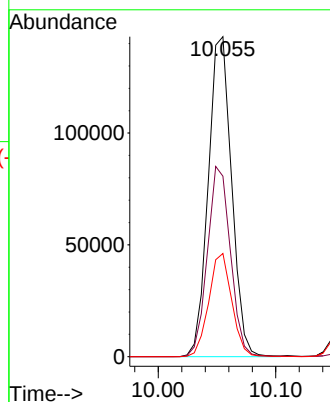
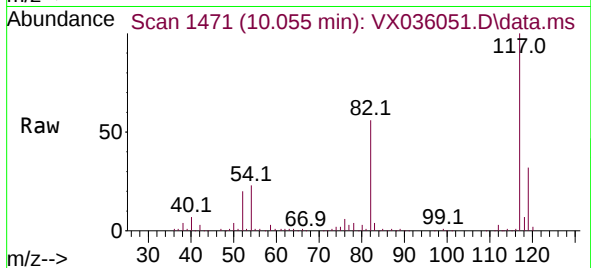
Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.8
119	31.8	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#58

4-Methyl-2-Pentanone

Concen: 108.614 ug/l

RT: 8.574 min Scan# 1228

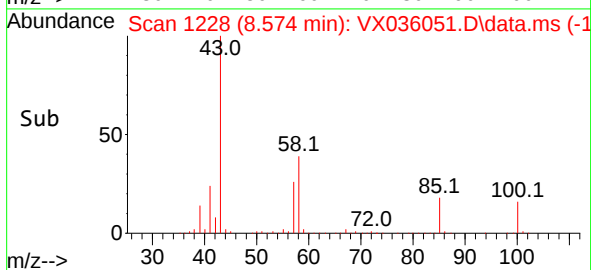
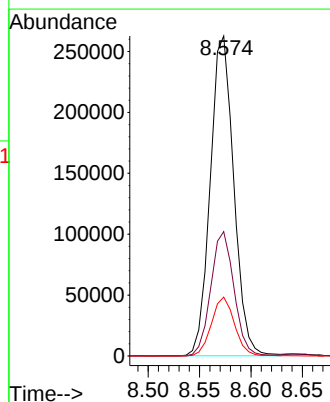
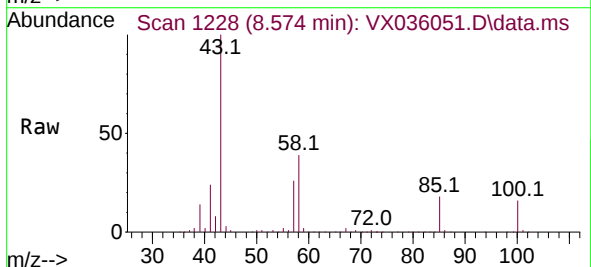
Delta R.T. -0.000 min

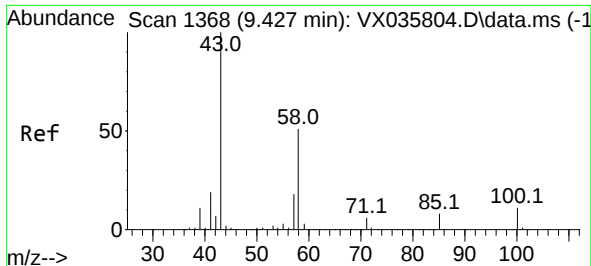
Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Tgt Ion: 43 Resp: 417841

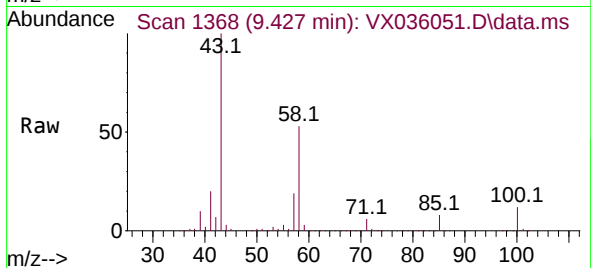
Ion	Ratio	Lower	Upper
43	100		
58	38.4	29.9	44.9
85	18.0	13.2	19.8





#59
2-Hexanone
Concen: 109.993 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

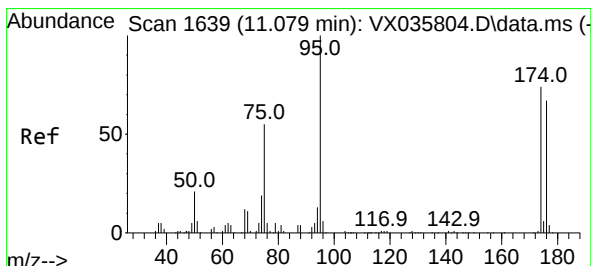
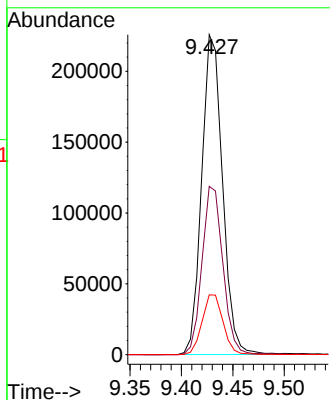
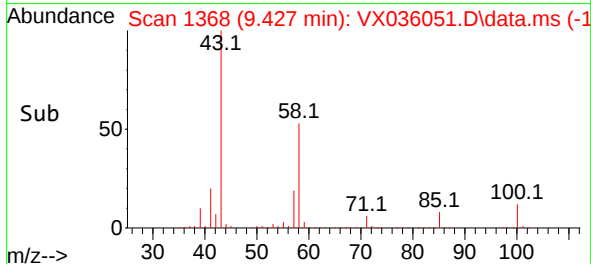
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 43 Resp: 318390
Ion Ratio Lower Upper
43 100
58 53.0 41.7 62.5
57 19.0 14.7 22.1

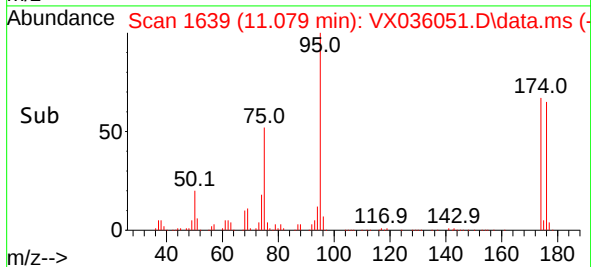
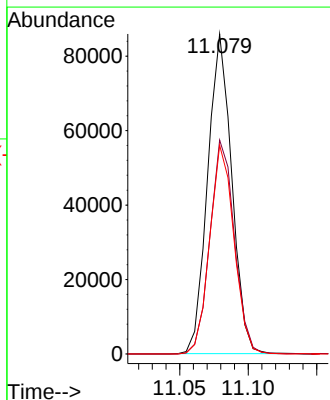
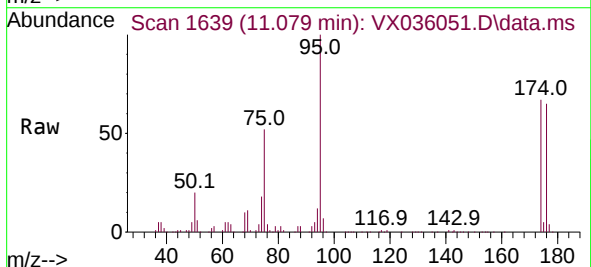
Manual Integrations
APPROVED

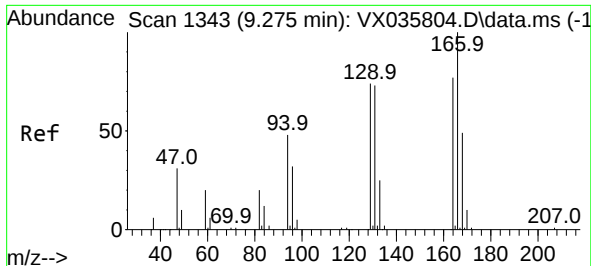
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#60
4-Bromofluorobenzene
Concen: 31.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

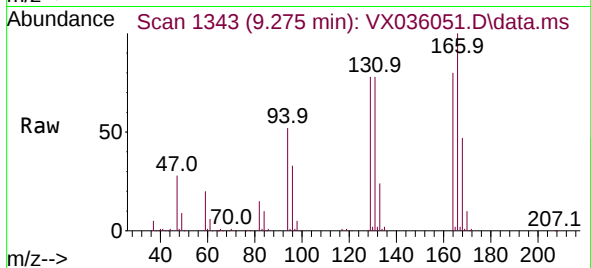
Tgt Ion: 95 Resp: 104979
Ion Ratio Lower Upper
95 100
174 68.1 0.2 0.4#
176 65.8 0.2 0.2#





#61
Tetrachloroethene
Concen: 23.440 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

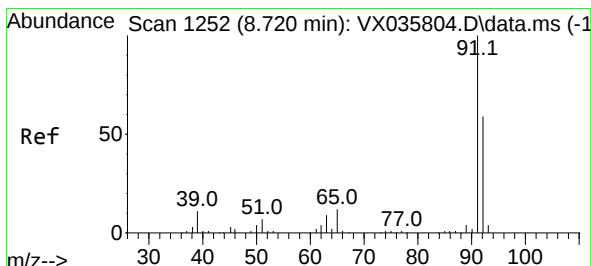
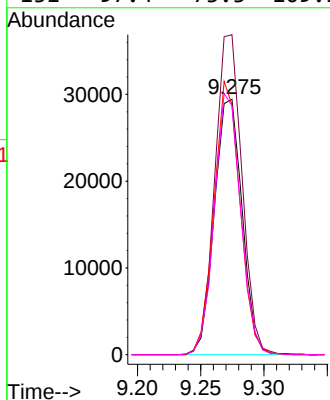
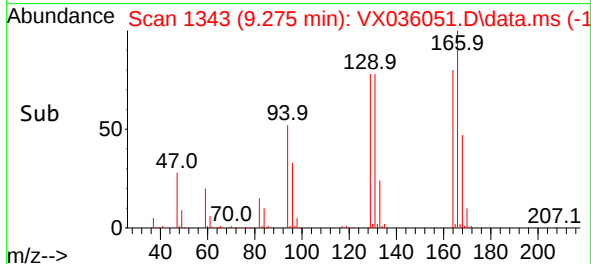
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



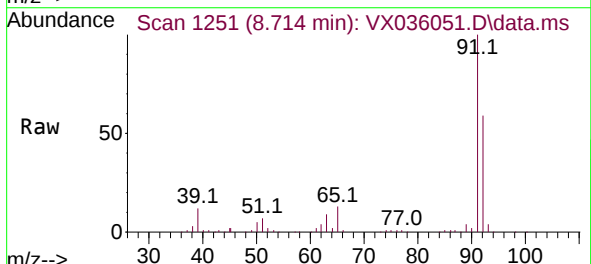
Tgt Ion:164 Resp: 44710
Ion Ratio Lower Upper
164 100
166 125.2 100.1 150.1
129 97.7 79.1 118.7
131 97.4 73.3 109.9

Manual Integrations
APPROVED

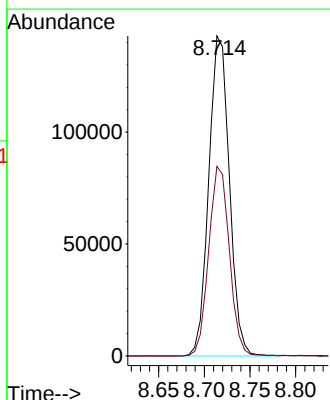
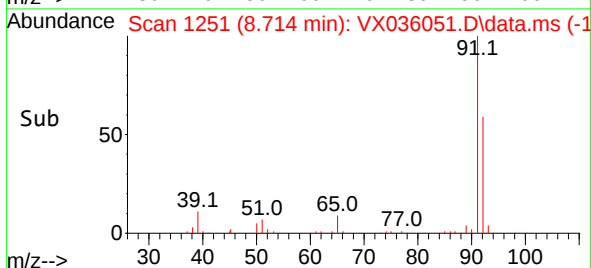
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

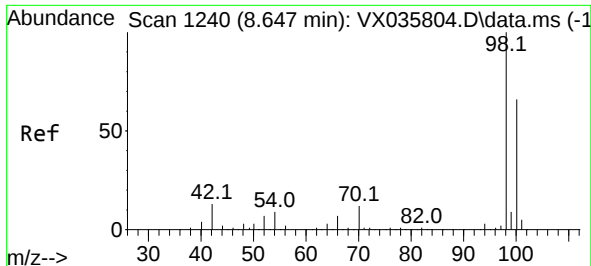


#62
Toluene
Concen: 21.981 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



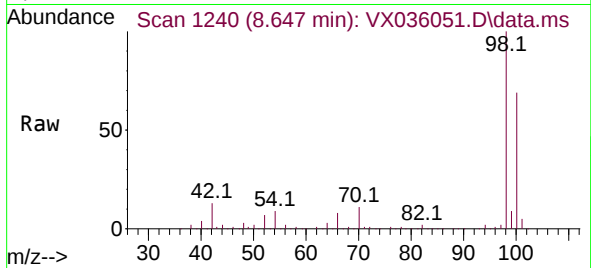
Tgt Ion: 91 Resp: 224194
Ion Ratio Lower Upper
91 100
92 59.3 46.5 69.7





#63
Toluene-d8
Concen: 30.266 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

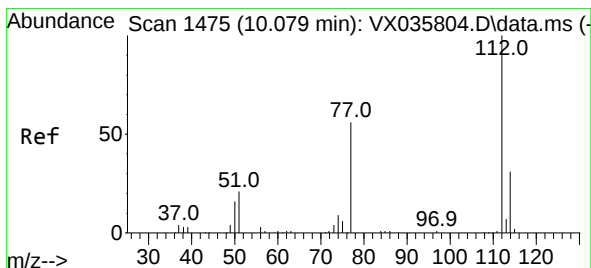
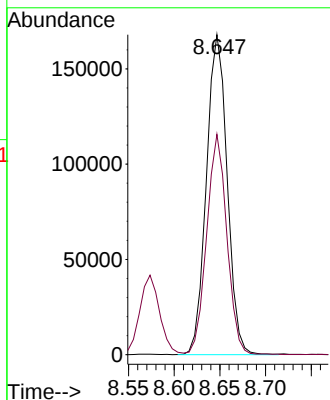
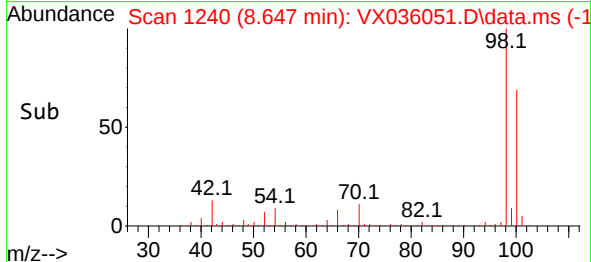
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 98 Resp: 26500
Ion Ratio Lower Upper
98 100
100 66.9 52.1 78.1

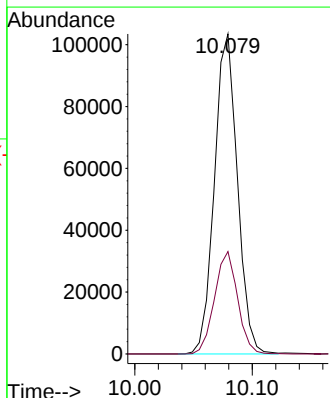
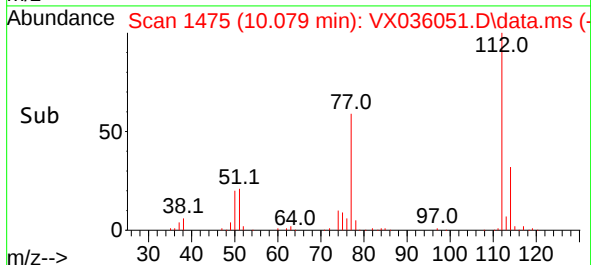
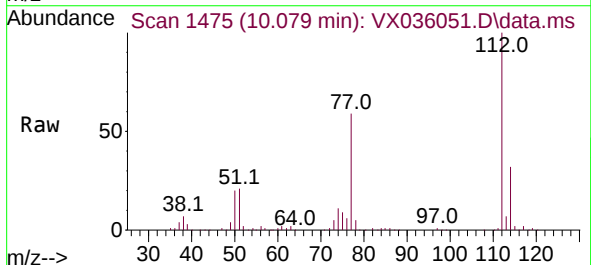
Manual Integrations
APPROVED

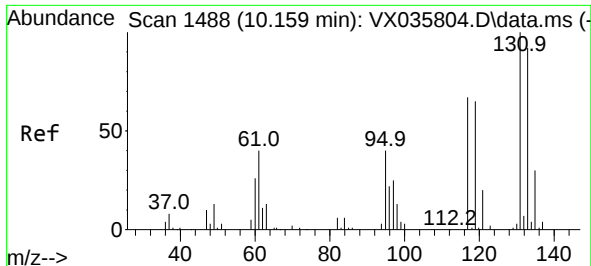
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#64
Chlorobenzene
Concen: 21.778 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

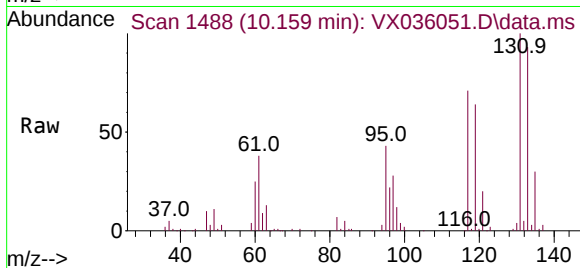
Tgt Ion:112 Resp: 140681
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 21.849 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

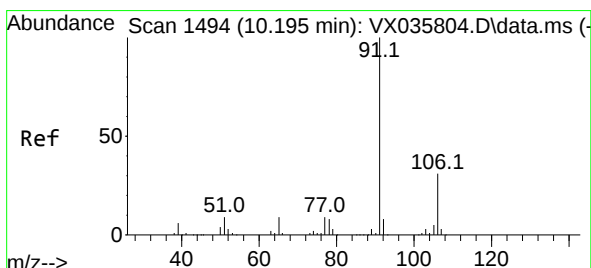
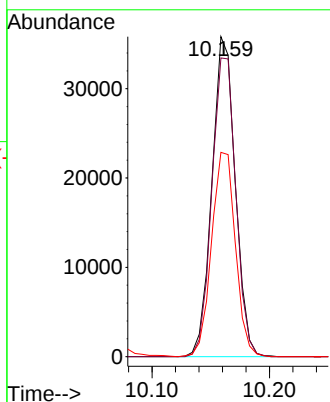
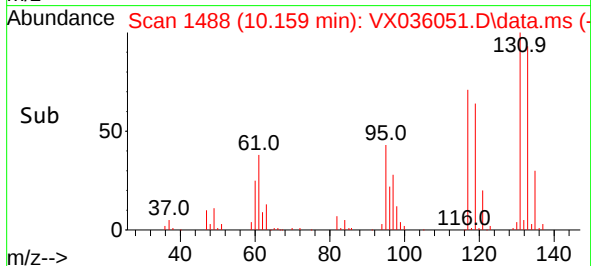
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



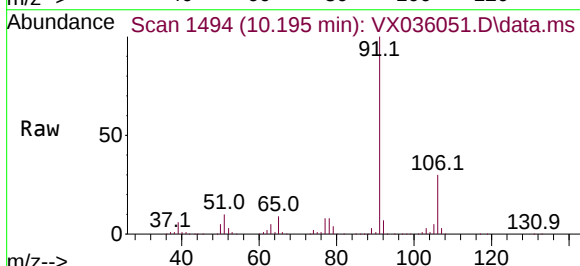
Tgt Ion:131 Resp: 4934
Ion Ratio Lower Upper
131 100
133 95.9 0.0 186.6
119 65.4 0.0 128.6

Manual Integrations
APPROVED

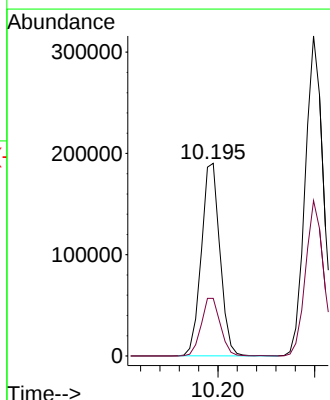
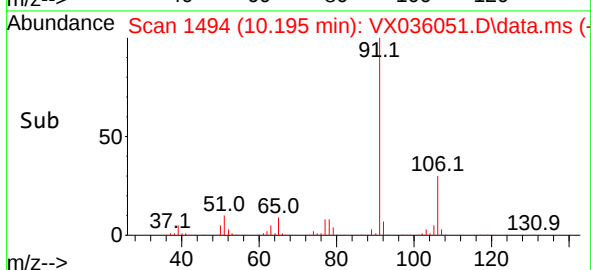
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

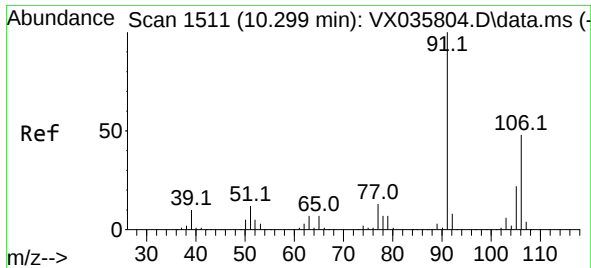


#66
Ethyl Benzene
Concen: 22.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



Tgt Ion: 91 Resp: 254545
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





#67

m/p-Xylenes

Concen: 45.729 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

Tgt Ion:106 Resp: 19744

Ion Ratio Lower Upper

106 100

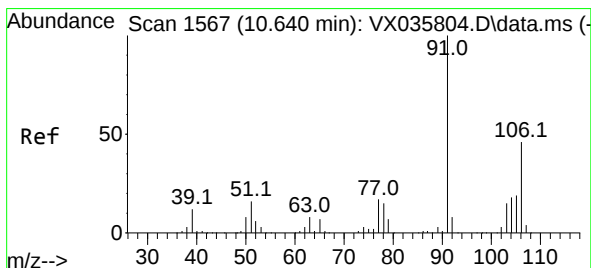
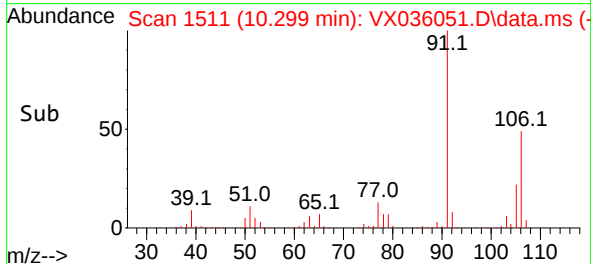
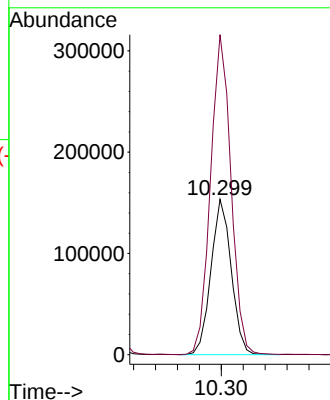
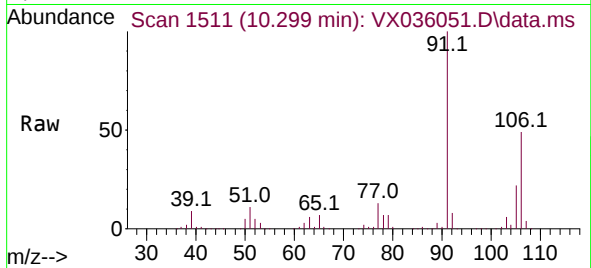
91 207.8 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#68

o-Xylene

Concen: 22.390 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX036051.D

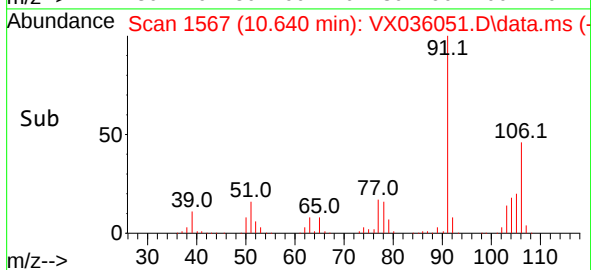
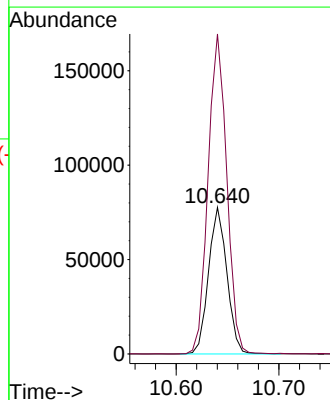
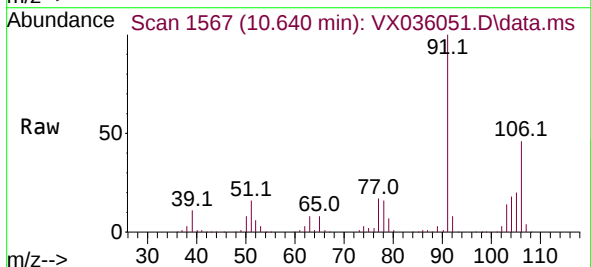
Acq: 07 Jun 2023 09:52

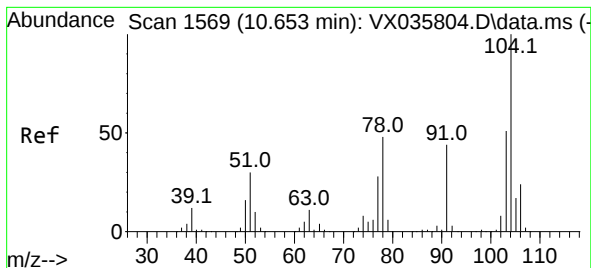
Tgt Ion:106 Resp: 96696

Ion Ratio Lower Upper

106 100

91 221.0 108.9 326.8





#69

Styrene

Concen: 22.314 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

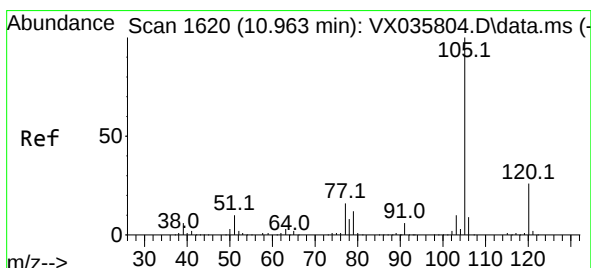
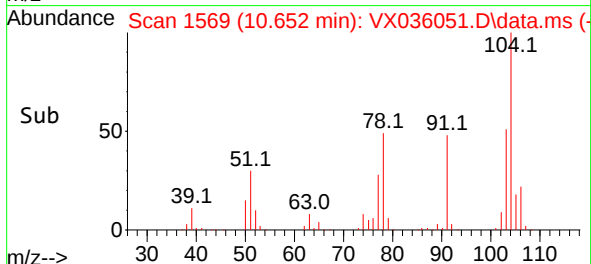
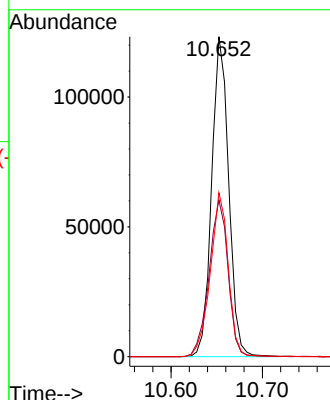
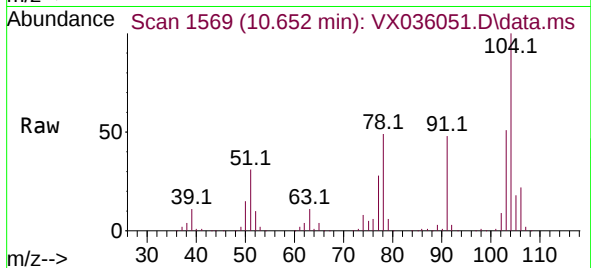
Tgt Ion:104 Resp: 15904
 Ion Ratio Lower Upper
 104 100
 78 54.7 42.8 64.2
 103 54.2 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#70

Isopropylbenzene

Concen: 23.359 ug/l

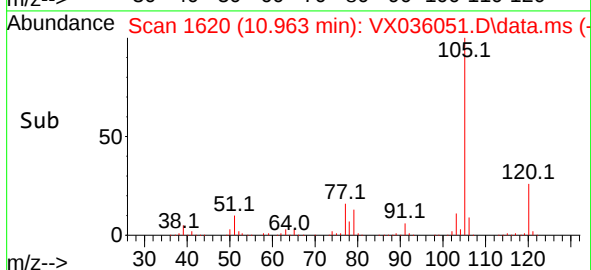
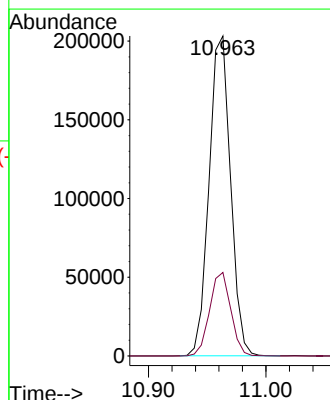
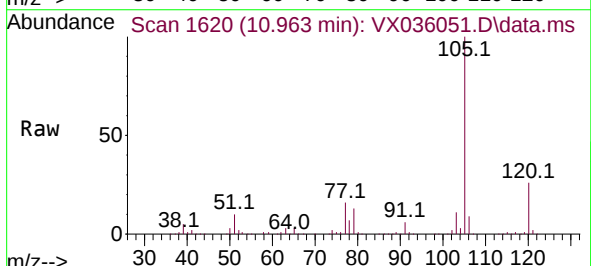
RT: 10.963 min Scan# 1620

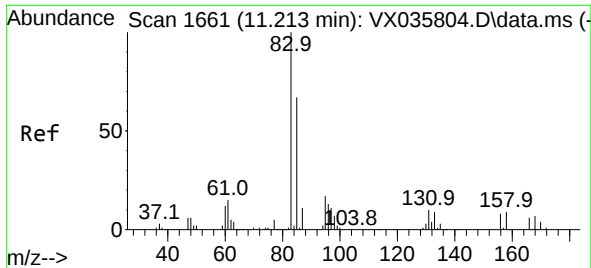
Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Tgt Ion:105 Resp: 257503
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.5 34.3





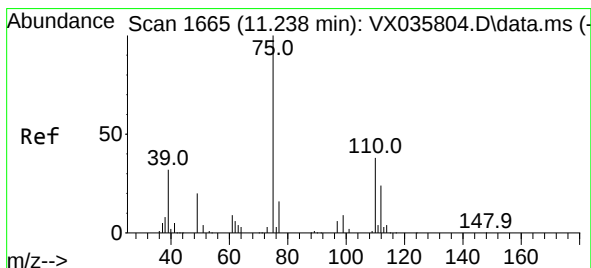
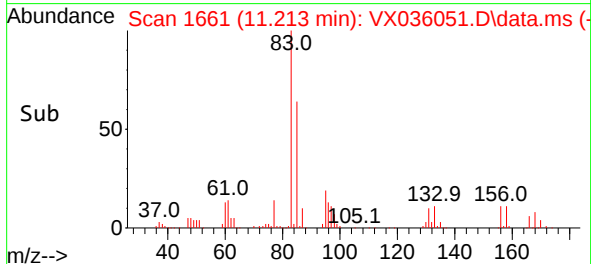
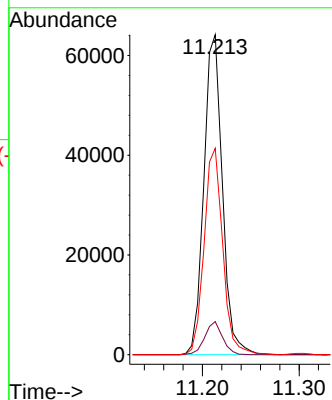
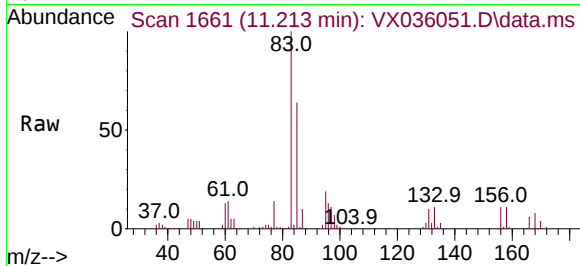
#71
1,1,2,2-Tetrachloroethane
Concen: 21.951 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 83 Resp: 85710
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.8 31.9 95.5

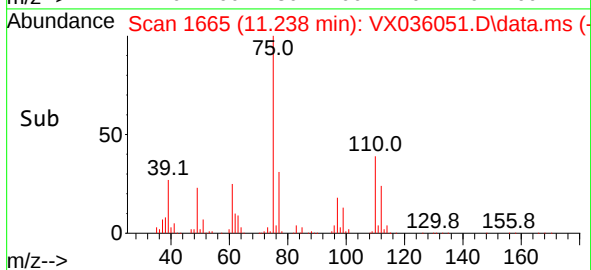
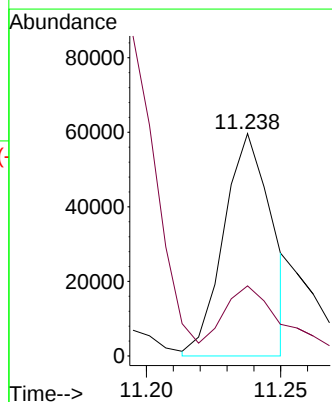
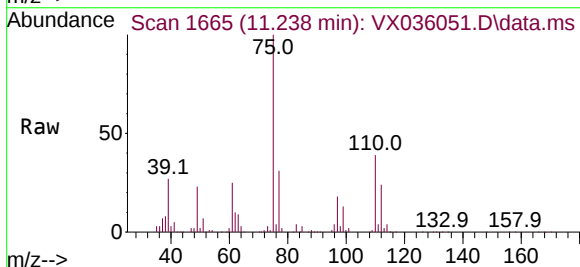
Manual Integrations
APPROVED

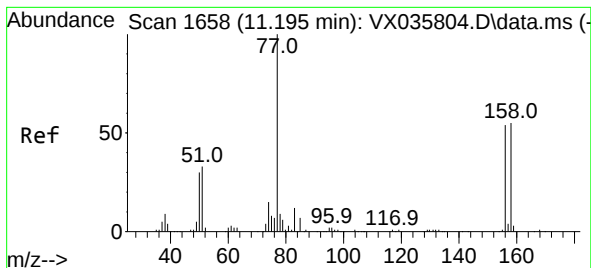
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#72
1,2,3-Trichloropropane
Concen: 21.831 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion: 75 Resp: 74241
Ion Ratio Lower Upper
75 100
77 40.3 0.0 73.8





#73

Bromobenzene

Concen: 21.801 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

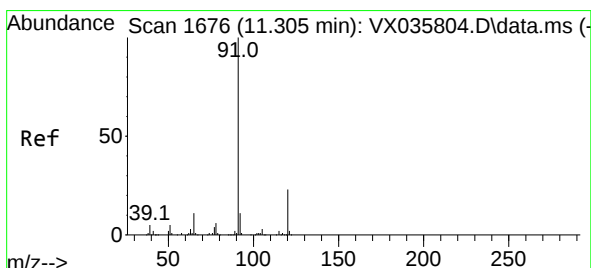
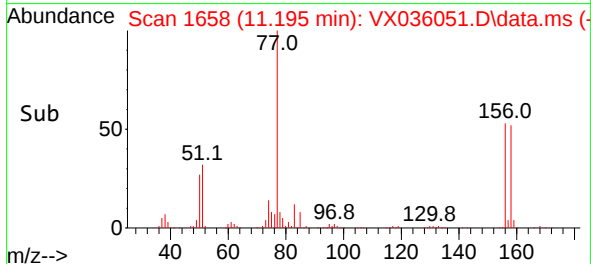
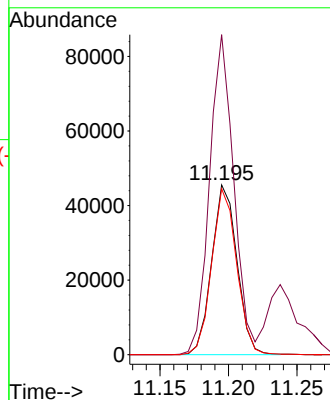
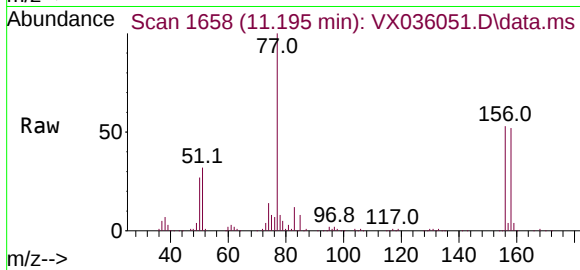
Tgt Ion:	156	Resp:	5838
Ion Ratio	Lower	Upper	
156	100		
77	180.7	0.0	330.8
158	96.9	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#74

n-propylbenzene

Concen: 23.240 ug/l

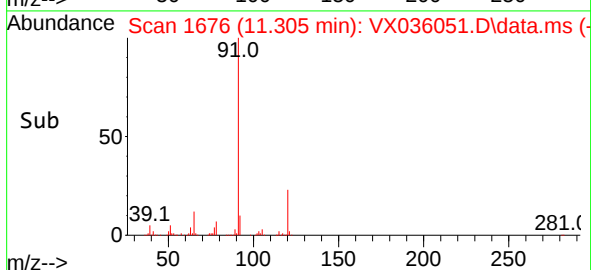
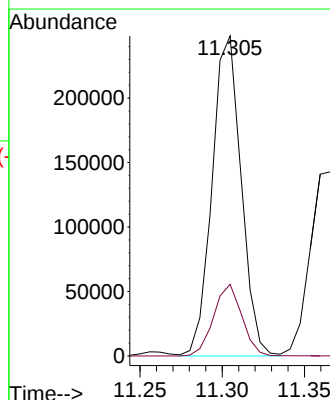
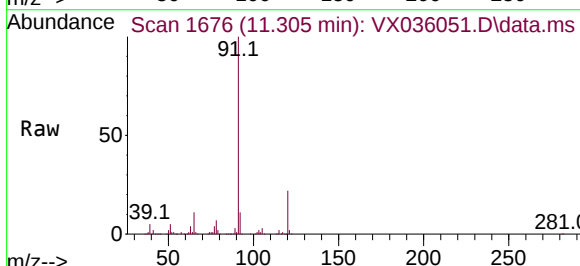
RT: 11.305 min Scan# 1676

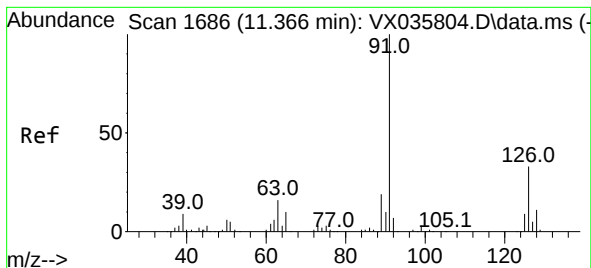
Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Tgt Ion:	91	Resp:	305370
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	44.8





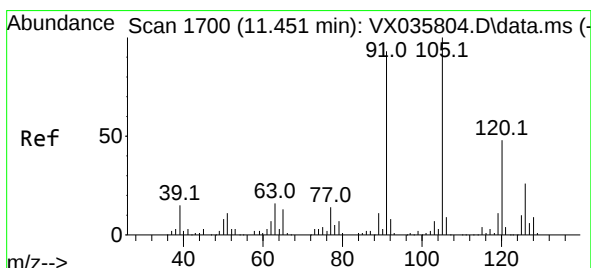
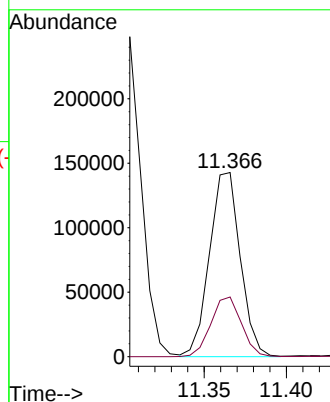
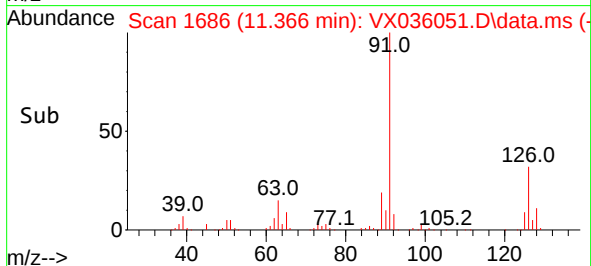
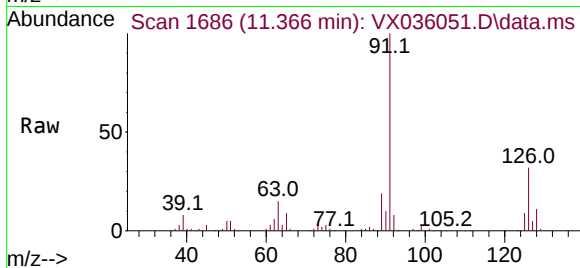
#75
2-Chlorotoluene
Concen: 23.084 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01

Tgt Ion: 91 Resp: 18632
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.4

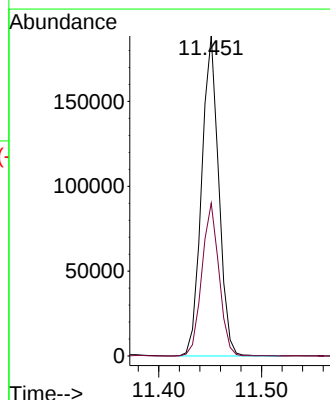
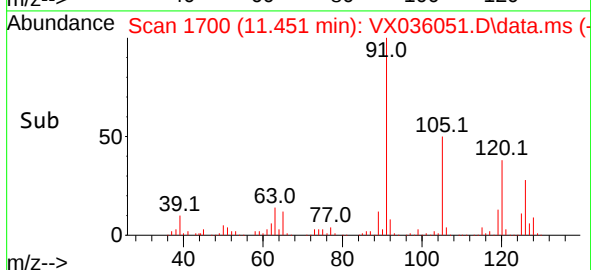
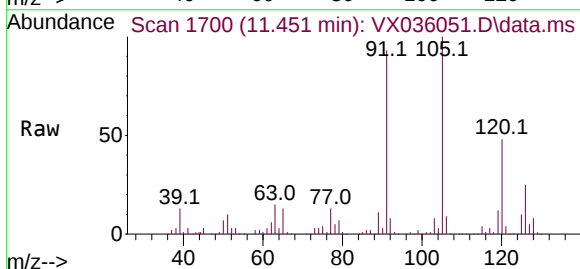
Manual Integrations
APPROVED

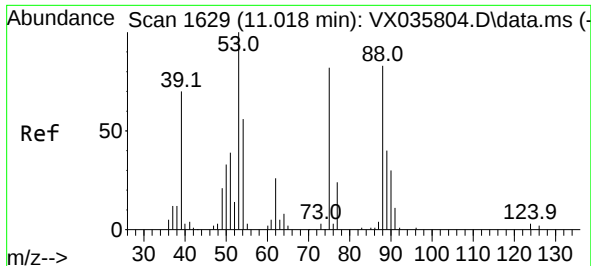
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#76
1,3,5-Trimethylbenzene
Concen: 23.306 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

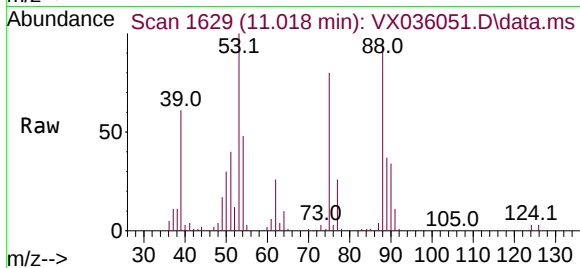
Tgt Ion:105 Resp: 218201
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 20.436 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

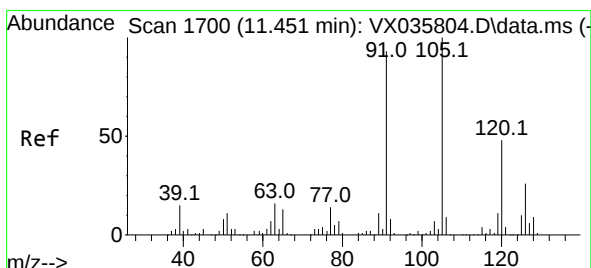
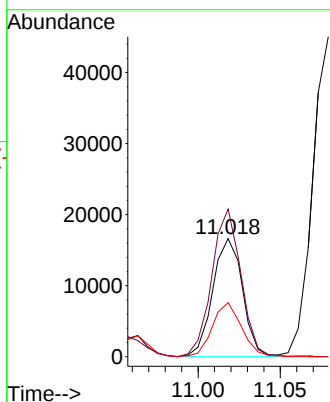
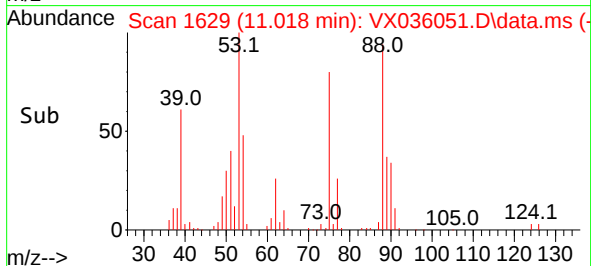
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 75 Resp: 2096
Ion Ratio Lower Upper
75 100
53 125.0 58.2 174.6
89 45.5 20.6 61.8

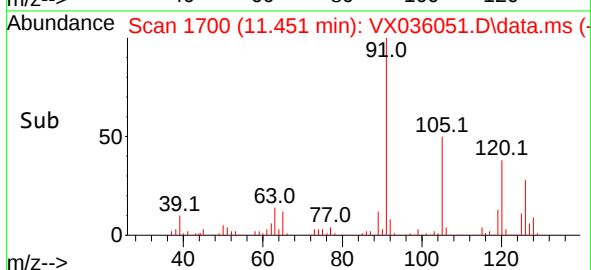
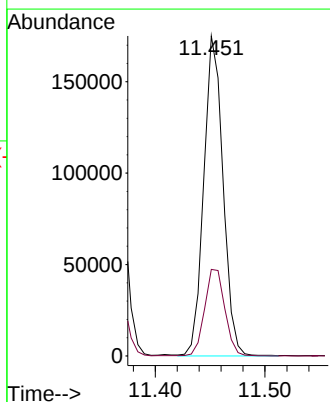
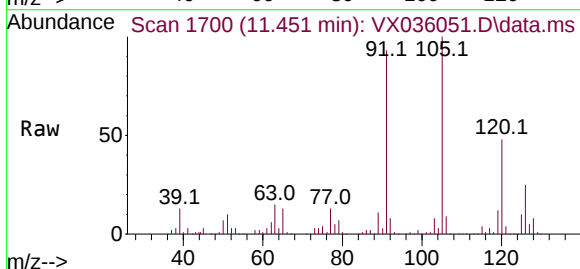
Manual Integrations
APPROVED

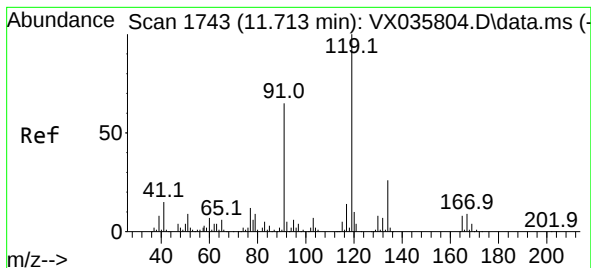
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#78
4-Chlorotoluene
Concen: 23.249 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

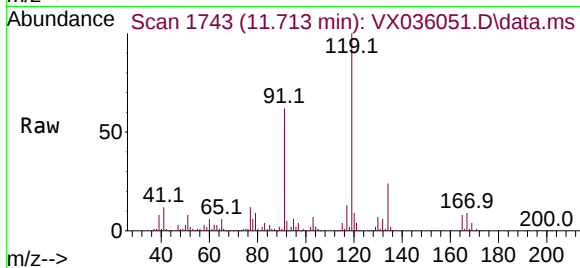
Tgt Ion: 91 Resp: 213771
Ion Ratio Lower Upper
91 100
126 28.4 0.0 56.8





#79
tert-butylbenzene
Concen: 23.209 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

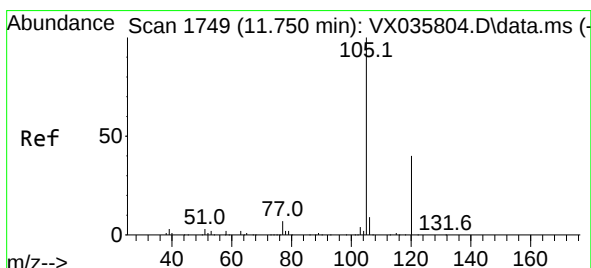
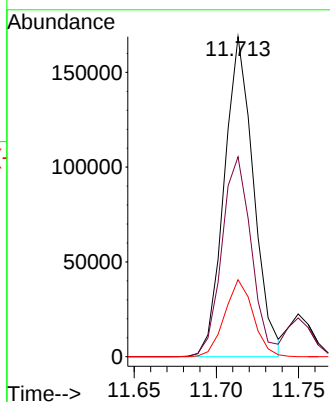
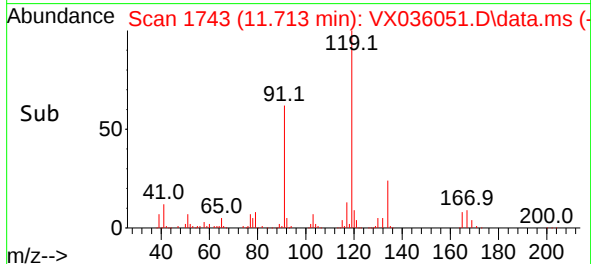
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion:119 Resp: 209769
Ion Ratio Lower Upper
119 100
91 63.2 0.0 122.4
134 23.3 0.0 49.2

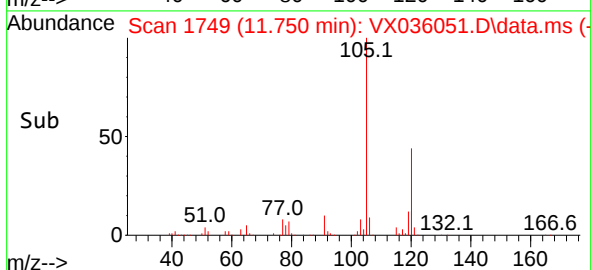
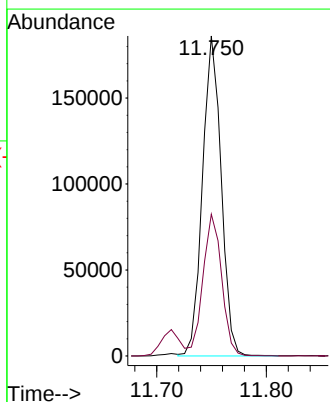
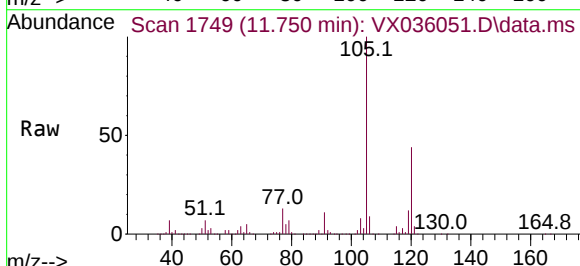
Manual Integrations
APPROVED

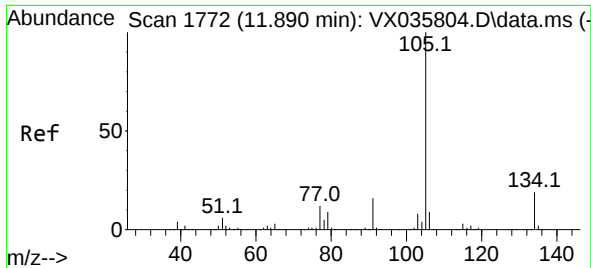
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.418 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

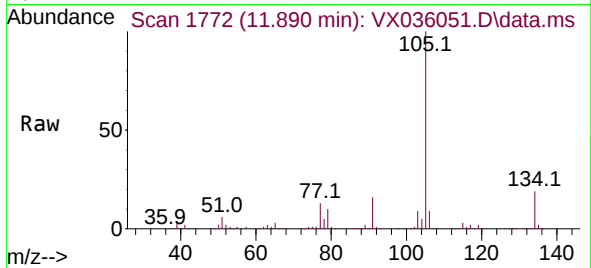
Tgt Ion:105 Resp: 220337
Ion Ratio Lower Upper
105 100
120 44.2 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 22.769 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036051.D
 Acq: 07 Jun 2023 09:52

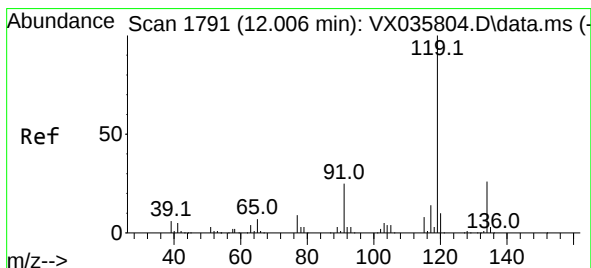
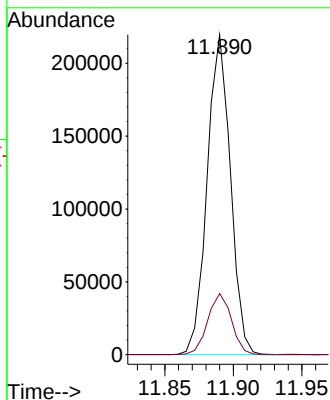
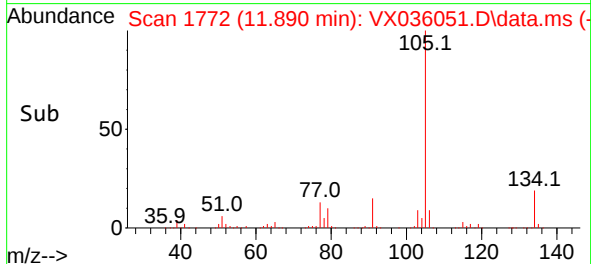
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01



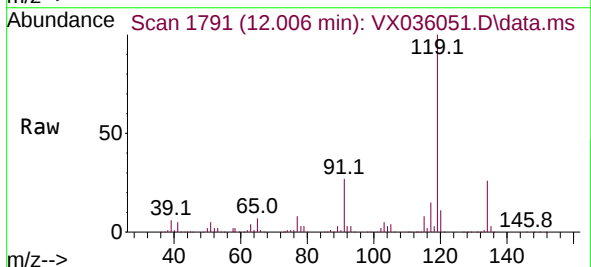
Tgt Ion:105 Resp: 25982
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 40.2

Manual Integrations
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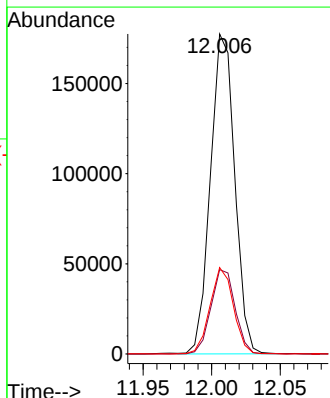
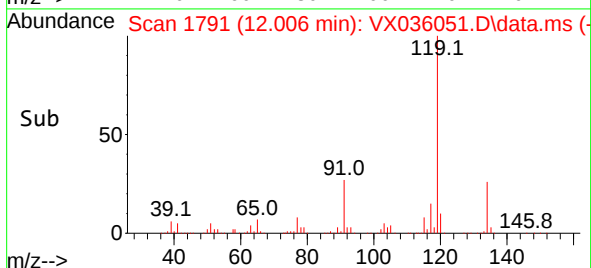
Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

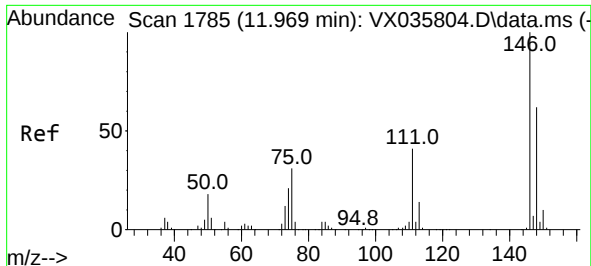


#82
 p-Isopropyltoluene
 Concen: 23.088 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036051.D
 Acq: 07 Jun 2023 09:52



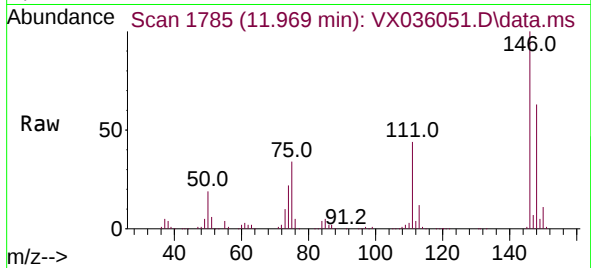
Tgt Ion:119 Resp: 219186
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 26.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 22.646 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

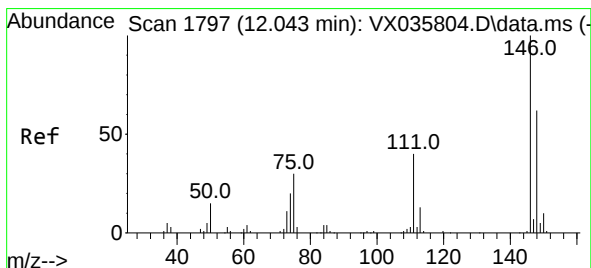
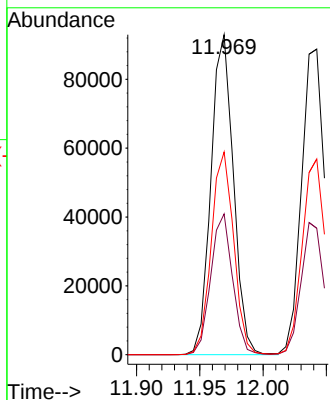
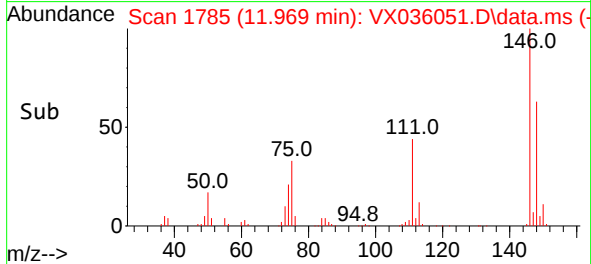
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



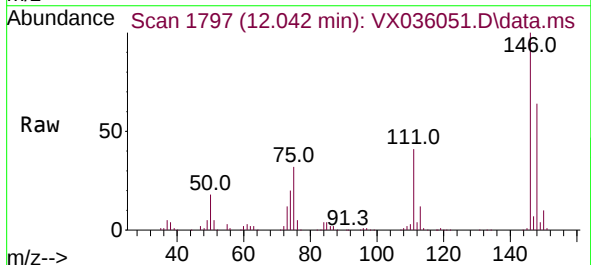
Tgt Ion:146 Resp: 114780
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.9
148 63.2 31.6 94.7

Manual Integrations
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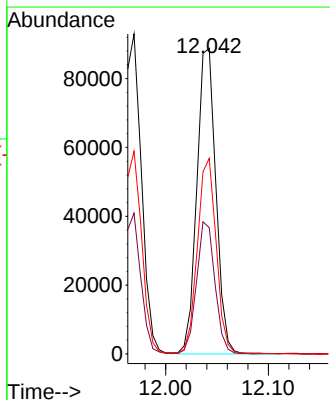
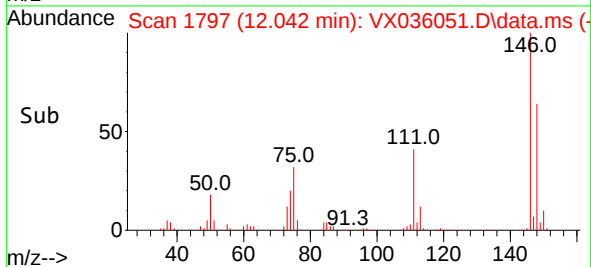
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

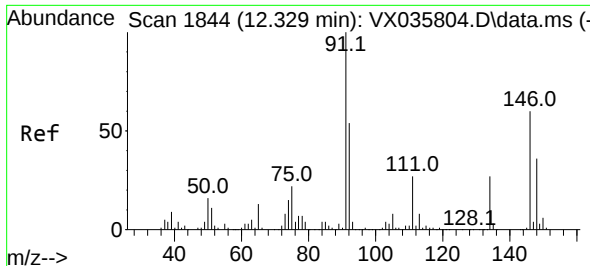


#84
1,4-Dichlorobenzene
Concen: 22.594 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



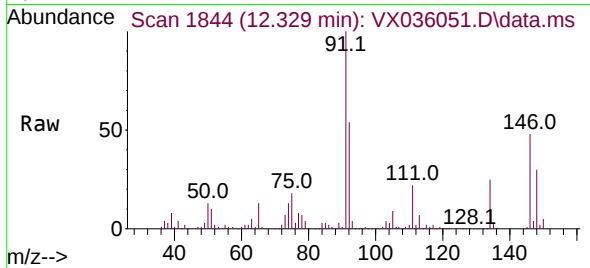
Tgt Ion:146 Resp: 114951
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.2 31.8 95.3





#85
n-Butylbenzene
Concen: 22.534 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

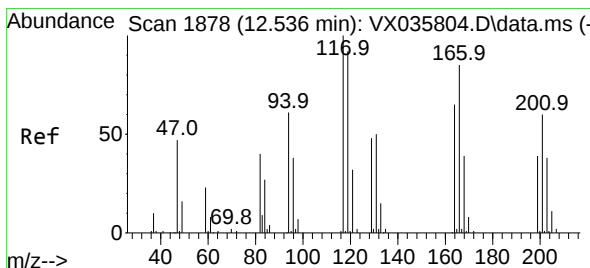
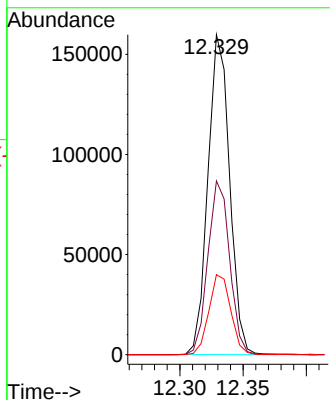
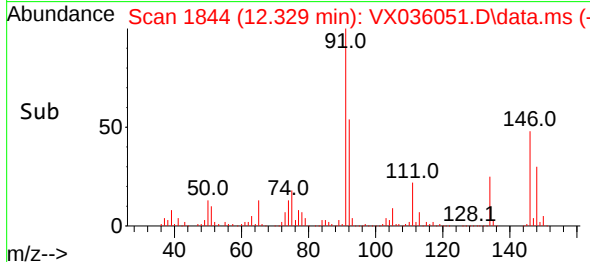
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



Tgt Ion: 91 Resp: 190320
Ion Ratio Lower Upper
91 100
92 54.5 0.0 107.6
134 25.1 0.0 49.8

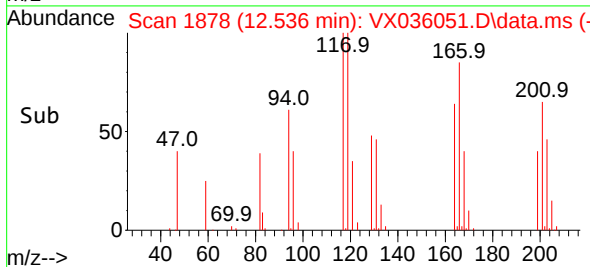
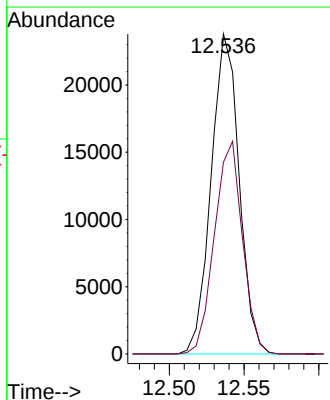
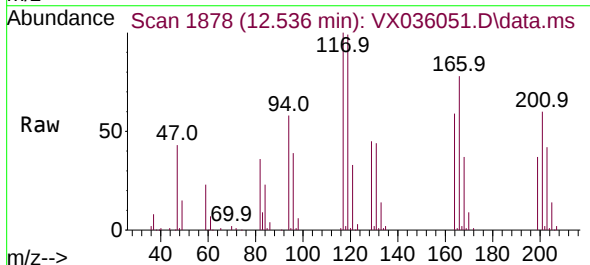
Manual Integrations
APPROVED

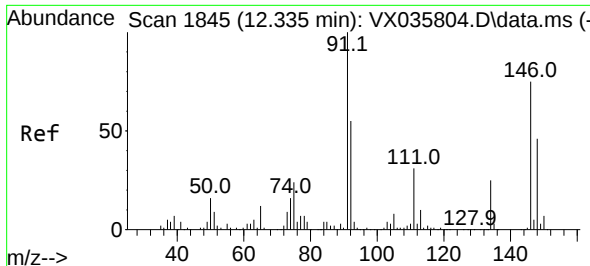
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#86
Hexachloroethane
Concen: 20.708 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

Tgt Ion:117 Resp: 30958
Ion Ratio Lower Upper
117 100
201 66.5 35.4 106.2





#87

1,2-Dichlorobenzene

Concen: 22.272 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX036051.D

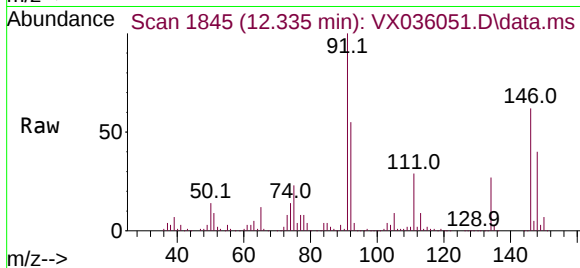
Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01



Tgt Ion:146 Resp: 110609

Ion Ratio Lower Upper

146 100

111 45.4 21.3 64.0

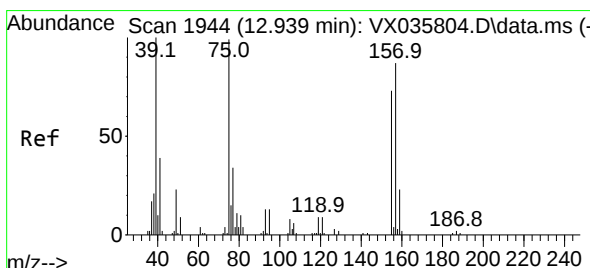
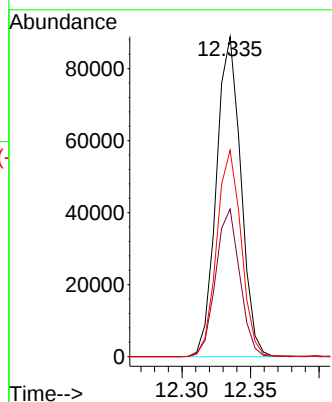
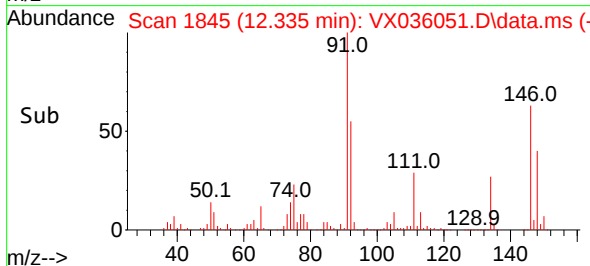
148 64.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 23.691 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

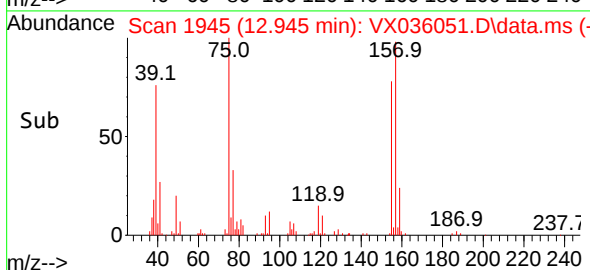
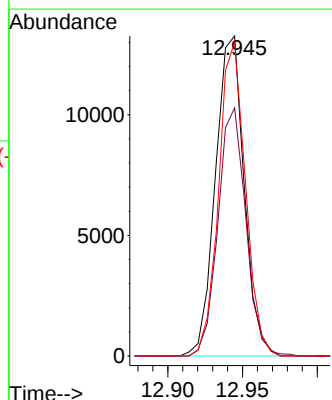
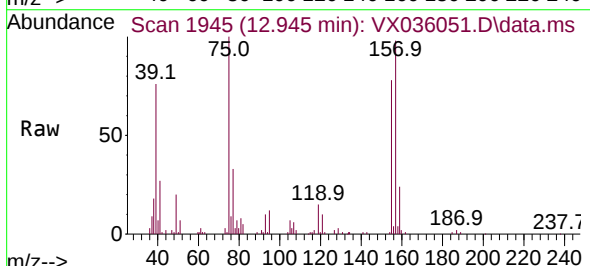
Tgt Ion: 75 Resp: 17679

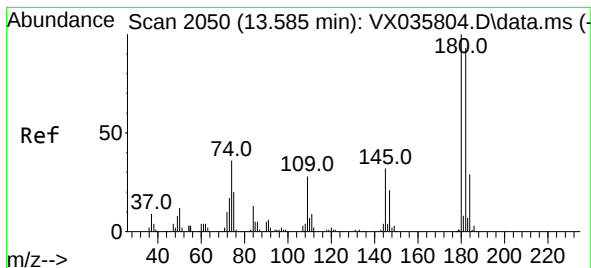
Ion Ratio Lower Upper

75 100

155 75.3 63.7 95.5

157 91.2 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 21.748 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBS01

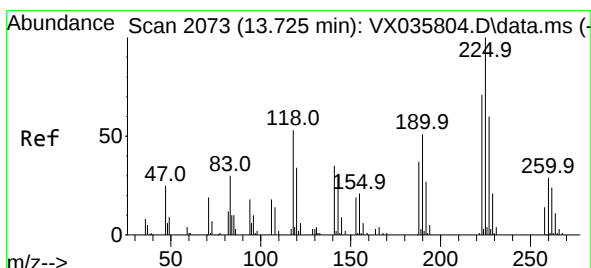
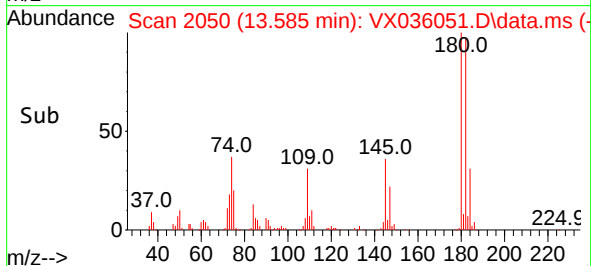
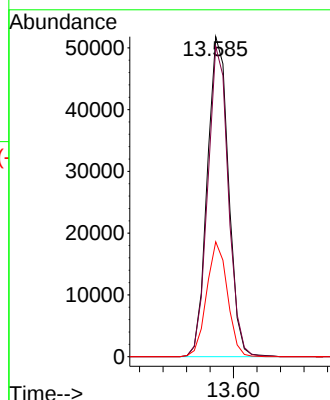
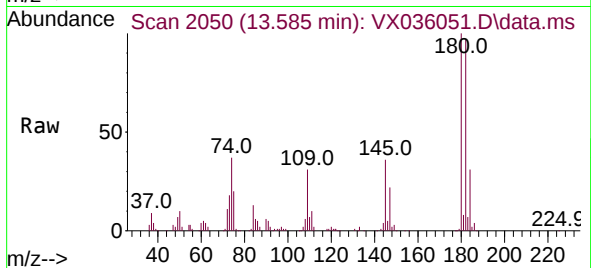
Tgt Ion:180	Resp:	64729
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.8 113.8
145	35.2	25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#90

Hexachlorobutadiene

Concen: 24.806 ug/l

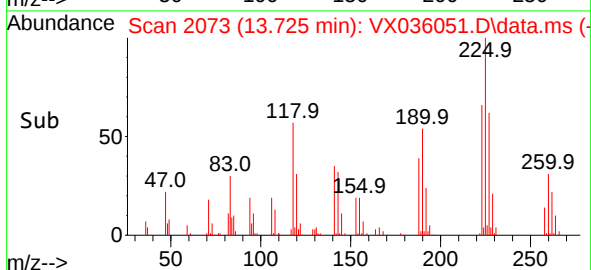
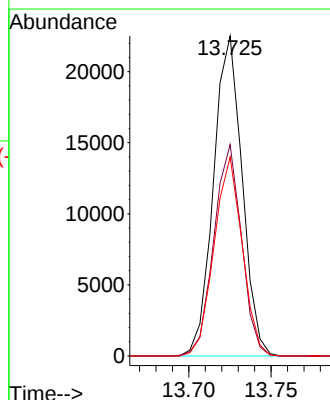
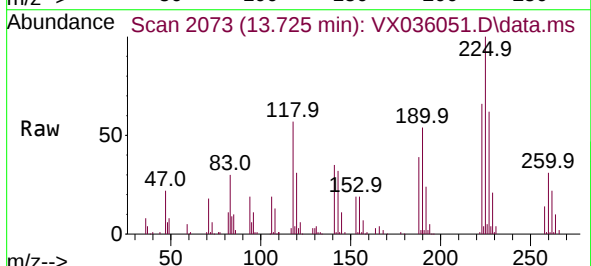
RT: 13.725 min Scan# 2073

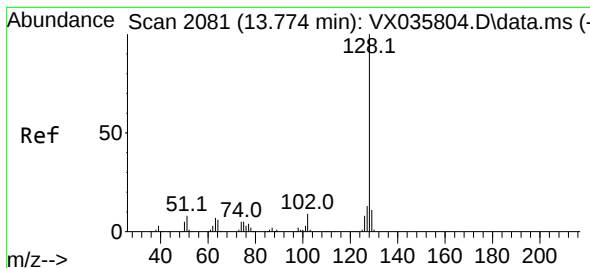
Delta R.T. -0.000 min

Lab File: VX036051.D

Acq: 07 Jun 2023 09:52

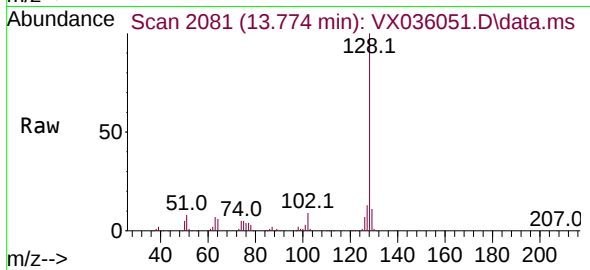
Tgt Ion:225	Resp:	27217
Ion Ratio	Lower	Upper
225	100	
223	63.9	0.0 124.2
227	61.1	0.0 122.8





#91
Naphthalene
Concen: 21.747 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52

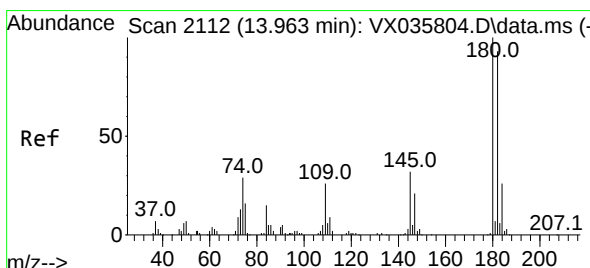
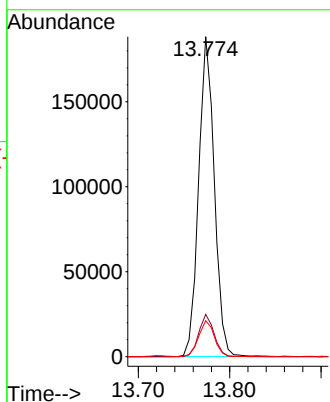
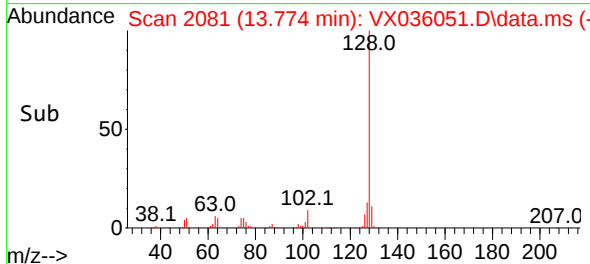
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBS01



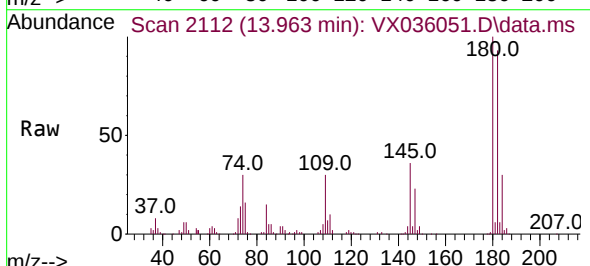
Tgt Ion:128 Resp: 223984
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.477 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036051.D
Acq: 07 Jun 2023 09:52



Tgt Ion:180 Resp: 63822
Ion Ratio Lower Upper
180 100
182 92.9 0.0 191.0
145 37.1 0.0 66.8

