

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034949.D
 Acq On : 06 Apr 2023 10:08
 Operator : JC/MD
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2023
 Supervised By : Mahesh Dadoda 04/07/2023

Quant Time: Apr 07 03:16:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	29030	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	200121	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	216719	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	90077	32.294	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.633%			
60) 4-Bromofluorobenzene	11.079	95	132371	30.568	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.900%			
63) Toluene-d8	8.647	98	217747	29.566	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.567%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64500	23.426	ug/l	99
3) Chloromethane	1.294	50	72295	20.250	ug/l	98
4) Vinyl Chloride	1.373	62	70100	19.901	ug/l	97
5) Bromomethane	1.617	94	43933	18.962	ug/l	94
6) Chloroethane	1.690	64	40916	17.849	ug/l	94
7) Trichlorofluoromethane	1.886	101	101436	18.079	ug/l	96
8) Diethyl Ether	2.129	74	39898	19.752	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	58421	20.523	ug/l	98
10) 1,1-Dichloroethene	2.318	96	54011	18.744	ug/l	93
11) Methyl Iodide	2.453	142	67067	18.277	ug/l	98
12) Methyl Acetate	2.703	43	133114	20.860	ug/l	99
13) Acrolein	2.239	56	69661	94.138	ug/l	100
14) Acrylonitrile	3.062	53	180647	102.807	ug/l	99
15) Acetone	2.386	58	57195	119.895	ug/l	94
16) Carbon Disulfide	2.514	76	131812	17.884	ug/l	99
17) Allyl chloride	2.666	41	113357	20.330	ug/l	97
18) Methylene Chloride	2.788	84	66563	19.610	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	61216	19.414	ug/l	93
20) Diisopropyl ether	3.757	45	231558	20.270	ug/l	95
21) 1,1-Dichloroethane	3.611	63	121375	19.871	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	72452	19.729	ug/l	99
23) tert-Butyl Alcohol	2.989	59	79328m	100.339	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	220892	20.629	ug/l	98
25) Chloroform	5.092	83	123957	19.952	ug/l	98
26) Cyclohexane	5.470	56	102776	19.201	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	89281	19.397	ug/l	98
30) 2-Butanone	4.556	43	276340	107.656	ug/l	99
31) 2,2-Dichloropropane	4.471	77	95680	20.498	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	105668	19.569	ug/l	98
33) Carbon Tetrachloride	5.678	117	87961	19.738	ug/l	96
34) Benzene	6.037	78	260849	19.502	ug/l	100
35) Methacrylonitrile	4.916	41	57324	20.404	ug/l	98
36) 1,2-Dichloroethane	6.086	62	110162	21.006	ug/l	99
37) Trichloroethene	7.122	130	65604	19.272	ug/l	90
38) Methylcyclohexane	7.378	83	96434	19.177	ug/l	98
39) 1,2-Dichloropropane	7.427	63	68672	19.751	ug/l	100
40) Dibromomethane	7.580	93	47676	19.962	ug/l	99
41) Bromodichloromethane	7.817	83	90567	20.132	ug/l #	99
42) Vinyl Acetate	3.721	43	848744	101.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	101830	20.455	ug/l	99
44) Isopropyl Acetate	6.336	43	165430	19.630	ug/l	99
45) 1,4-Dioxane	7.696	88	35184	421.399	ug/l	95
46) Methyl methacrylate	7.689	41	82425	20.073	ug/l	97
47) n-amyl Acetate	10.841	43	136025	18.566	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	93818	19.140	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	105615	19.612	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	66672	20.037	ug/l	98
51) Ethyl methacrylate	9.116	69	105408	19.519	ug/l	99
52) 1,3-Dichloropropane	9.305	76	119351	20.305	ug/l	100
53) Dibromochloromethane	9.518	129	65404	19.870	ug/l	100
54) 1,2-Dibromoethane	9.610	107	70550	19.822	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	283107	99.617	ug/l	98
56) Bromoform	10.799	173	42449	18.703	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	513102	103.263	ug/l	99
59) 2-Hexanone	9.427	43	394085	105.338	ug/l	99
61) Tetrachloroethene	9.274	164	58399	19.999	ug/l	97
62) Toluene	8.714	91	278748	19.671	ug/l	99
64) Chlorobenzene	10.079	112	172821	19.804	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	62486	20.030	ug/l	97
66) Ethyl Benzene	10.195	91	313950	19.891	ug/l	99
67) m/p-Xylenes	10.299	106	241330	40.186	ug/l	99
68) o-Xylene	10.640	106	117027	19.705	ug/l	96
69) Styrene	10.652	104	193565	19.771	ug/l	99
70) Isopropylbenzene	10.963	105	304792	19.830	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	102796	20.347	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	86228m	18.749	ug/l	
73) Bromobenzene	11.195	156	72710	19.698	ug/l	96
74) n-propylbenzene	11.305	91	347321	19.411	ug/l	100
75) 2-Chlorotoluene	11.366	91	222455	19.943	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	255041	19.712	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	24140	17.092	ug/l	94
78) 4-Chlorotoluene	11.451	91	256823	20.083	ug/l	99
79) tert-butylbenzene	11.713	119	239227	19.369	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	256416	19.943	ug/l	99
81) sec-Butylbenzene	11.890	105	289093	19.317	ug/l	99
82) p-Isopropyltoluene	12.006	119	243213	19.258	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	135205	19.396	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	138216	19.745	ug/l	100
85) n-Butylbenzene	12.335	91	209535	19.251	ug/l	100
86) Hexachloroethane	12.536	117	36453	17.623	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	138240	20.267	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	21928	19.861	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	79131	19.339	ug/l	99
90) Hexachlorobutadiene	13.725	225	33958	21.519	ug/l	96
91) Naphthalene	13.774	128	285242	19.730	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	81042	19.812	ug/l	99

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

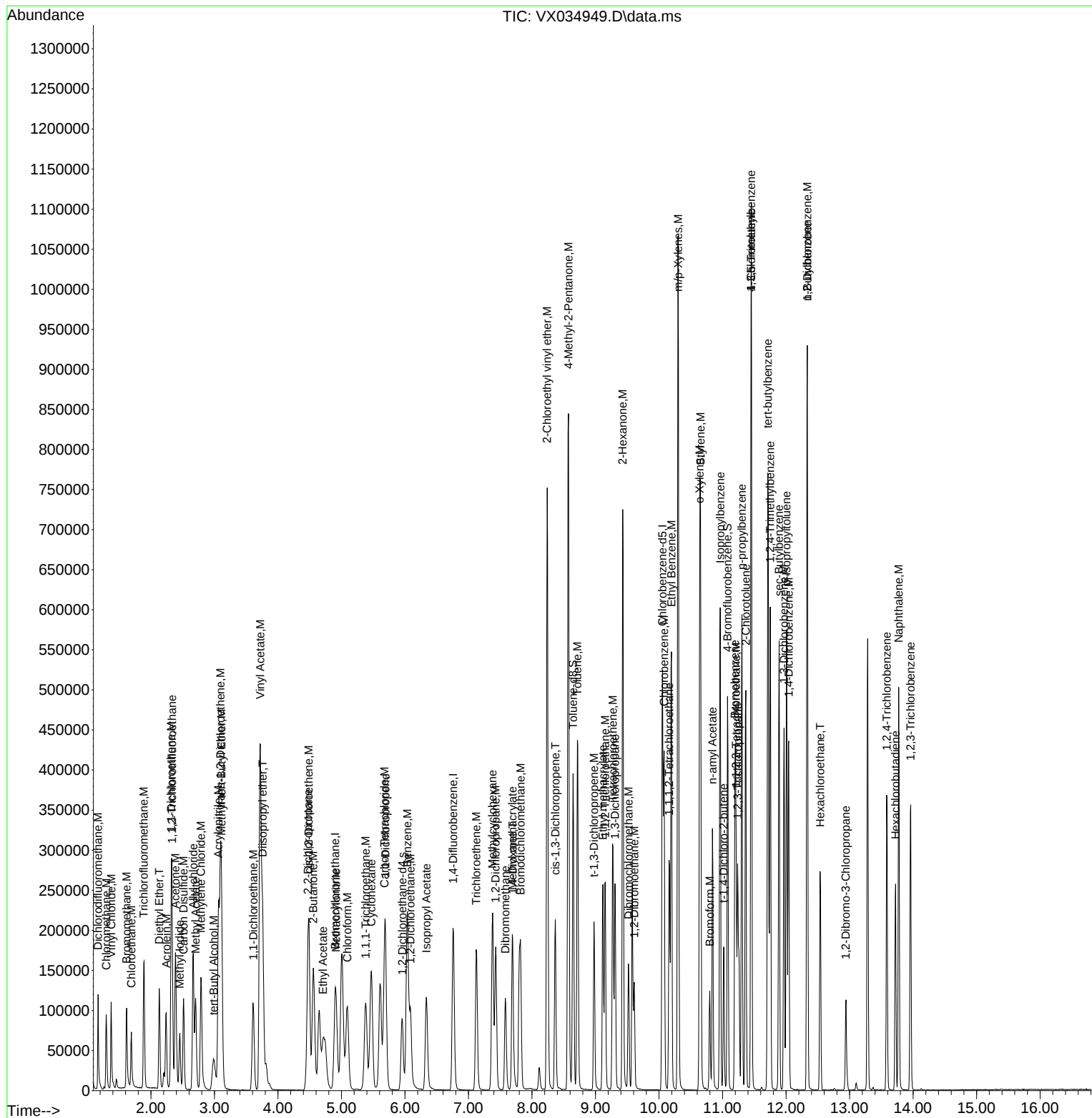
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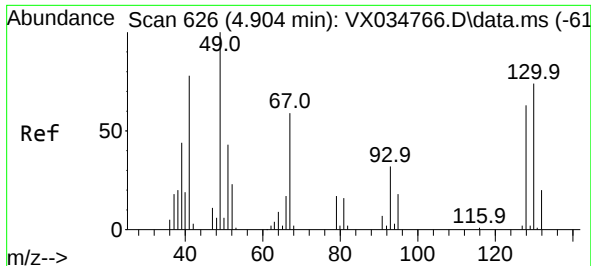
Instrument :
 MSVOA_X
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Manual Integrations APPROVED

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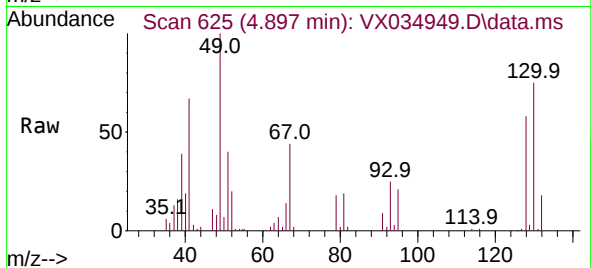
Quant Time: Apr 07 03:16:00 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

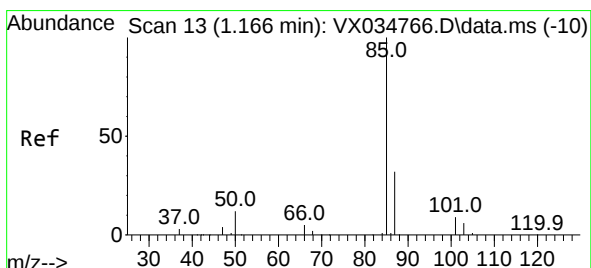
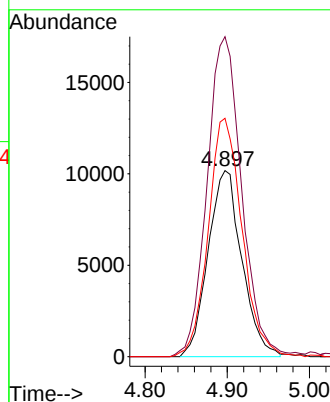
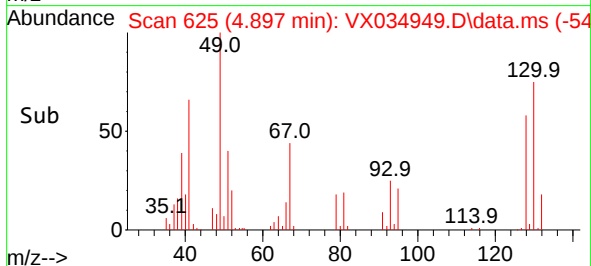
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:128 Resp: 29030
Ion Ratio Lower Upper
128 100
49 175.9 0.0 428.8
130 128.5 0.0 310.8

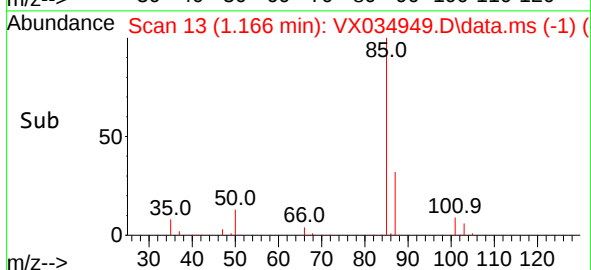
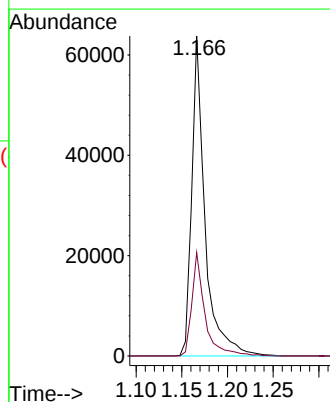
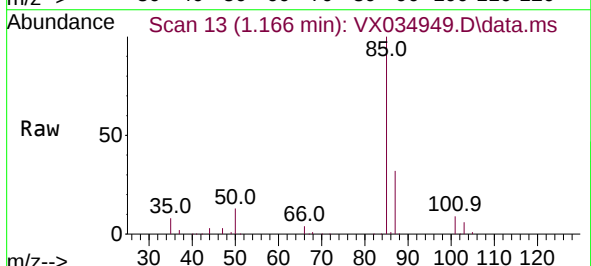
Manual Integrations
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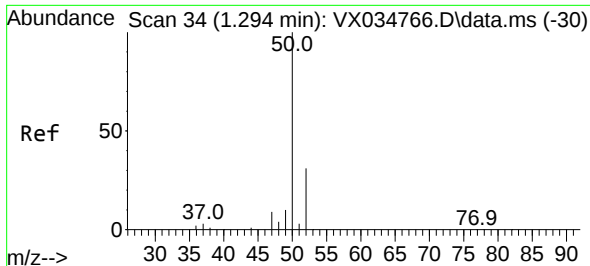
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 23.426 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

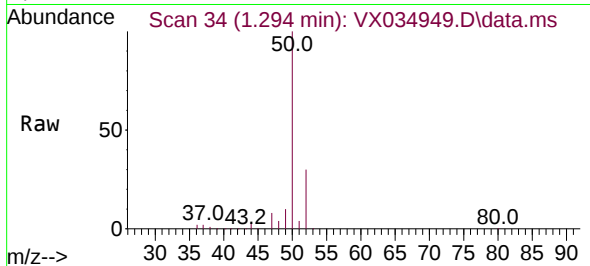
Tgt Ion: 85 Resp: 64500
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3
Chloromethane
Concen: 20.250 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

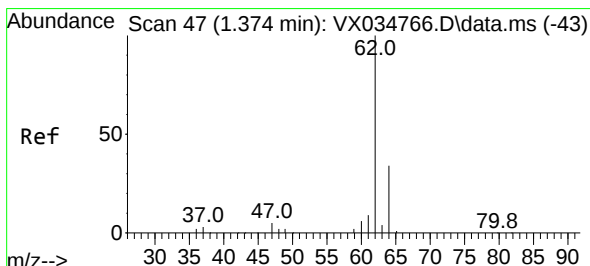
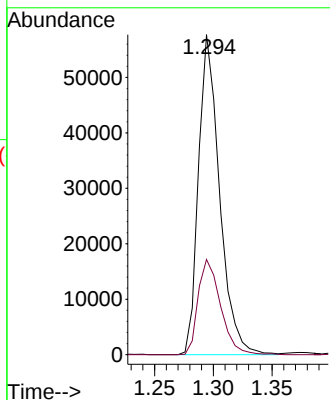
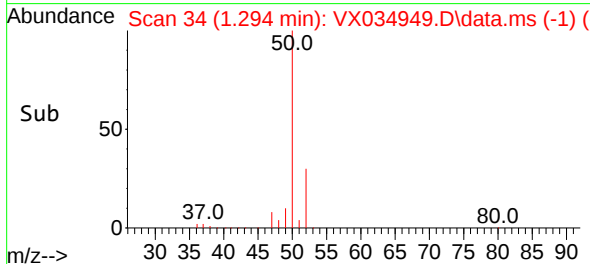
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Tgt Ion: 50 Resp: 7229
Ion Ratio Lower Upper
50 100
52 29.7 24.6 36.8

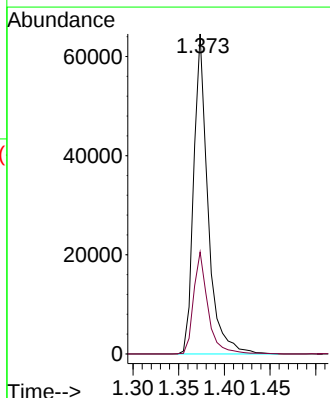
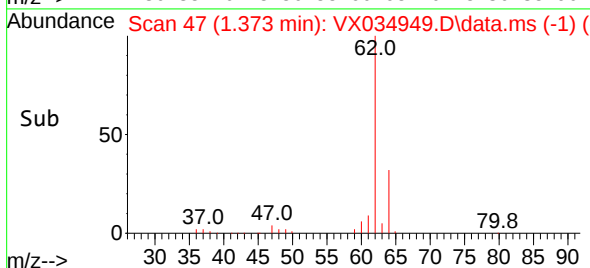
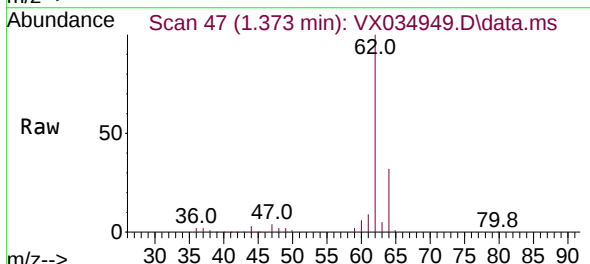
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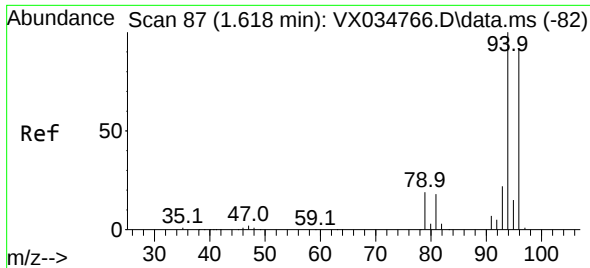
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 19.901 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

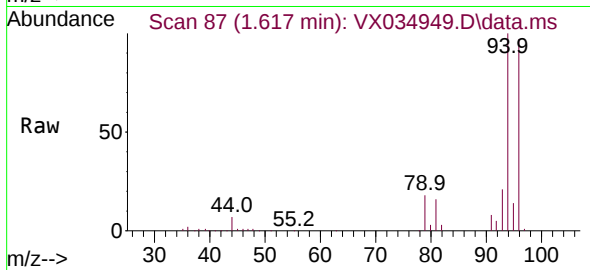
Tgt Ion: 62 Resp: 70100
Ion Ratio Lower Upper
62 100
64 31.7 26.9 40.3





#5
Bromomethane
Concen: 18.962 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

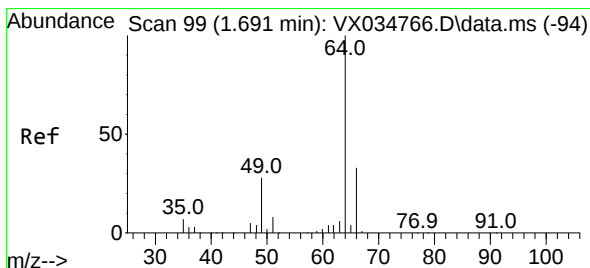
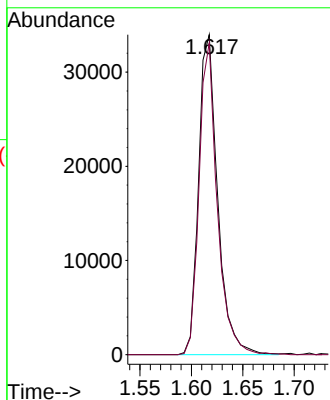
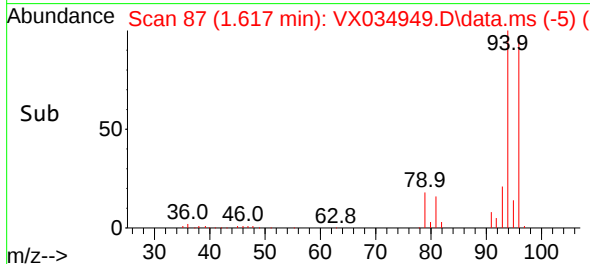
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Tgt Ion: 94 Resp: 4393
Ion Ratio Lower Upper
94 100
96 97.5 73.4 110.0

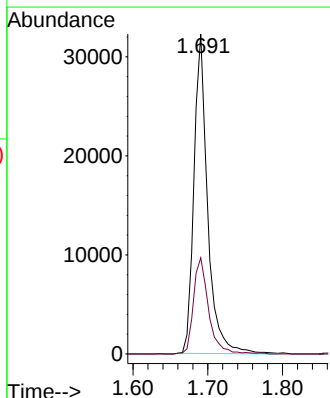
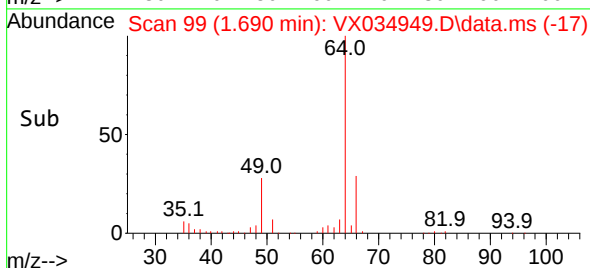
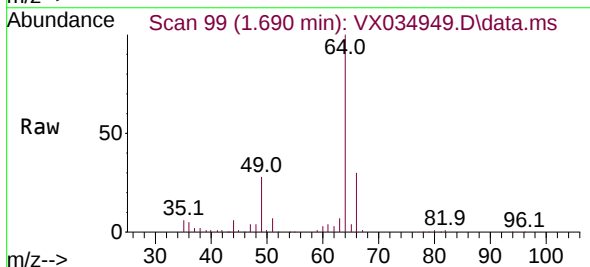
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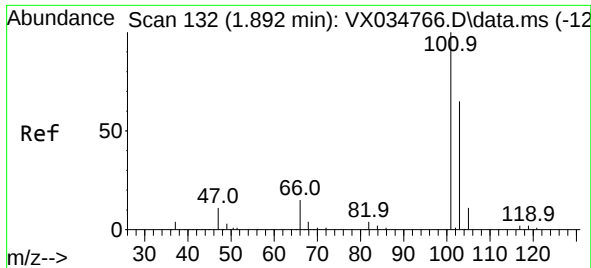
Reviewed By :John Carlone 04/07/2023
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#6
Chloroethane
Concen: 17.849 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

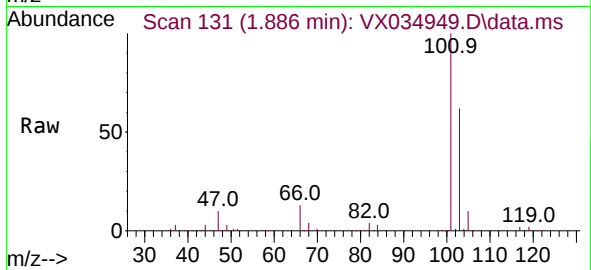
Tgt Ion: 64 Resp: 40916
Ion Ratio Lower Upper
64 100
66 30.1 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 18.079 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08

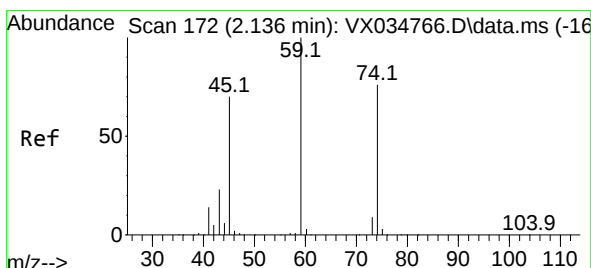
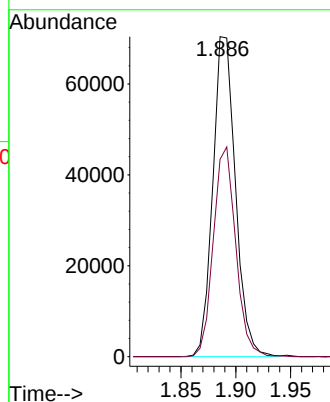
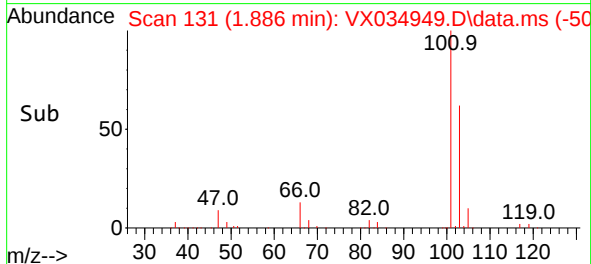
Instrument :
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Tgt Ion:101 Resp: 101430
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.1 78.1

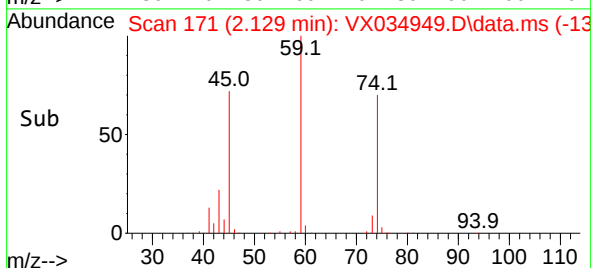
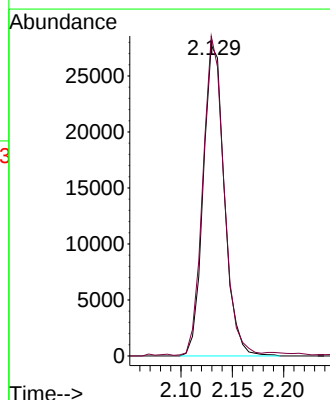
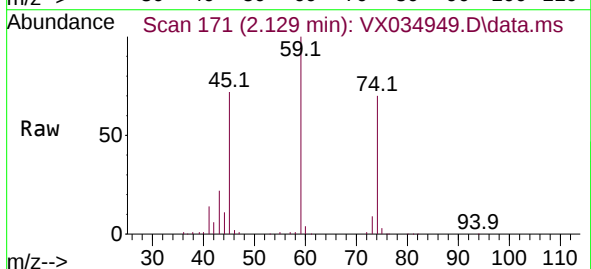
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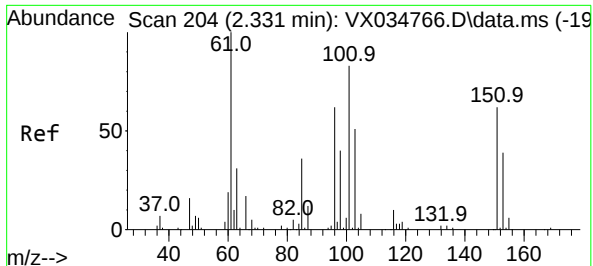
Reviewed By :John Carlone 04/07/2023
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#8
 Diethyl Ether
 Concen: 19.752 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.007 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08

Tgt Ion: 74 Resp: 39898
 Ion Ratio Lower Upper
 74 100
 45 101.7 20.5 184.5





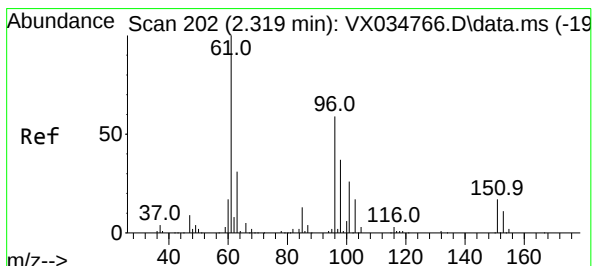
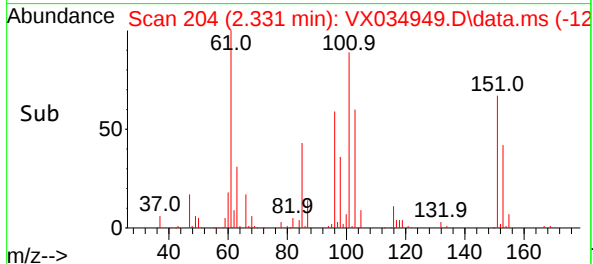
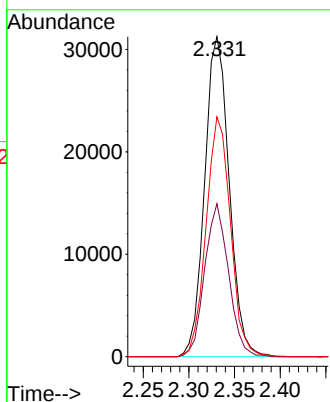
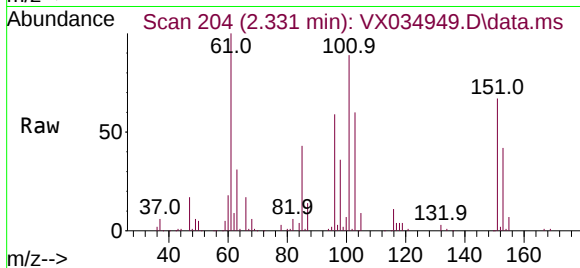
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.523 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion:101 Resp: 5842
Ion Ratio Lower Upper
101 100
85 46.4 0.0 88.8
151 74.4 0.0 147.6

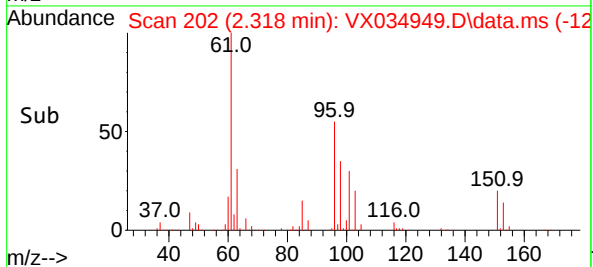
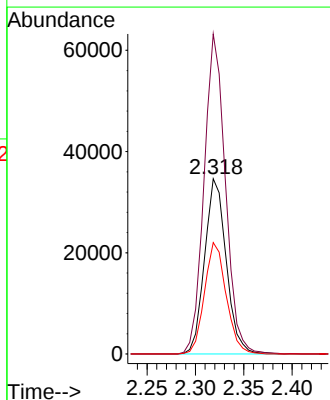
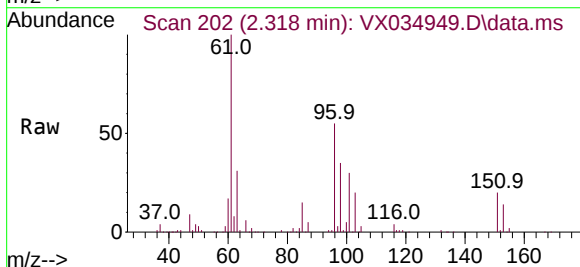
Manual Integrations
APPROVED

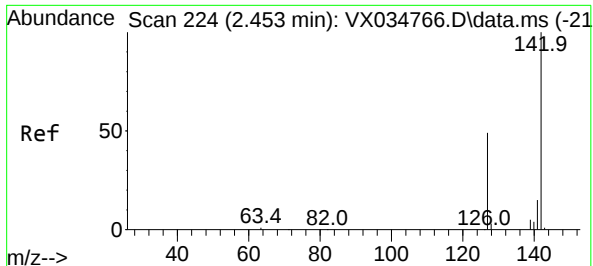
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
1,1-Dichloroethene
Concen: 18.744 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

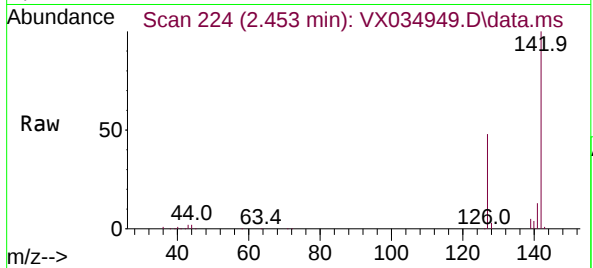
Tgt Ion: 96 Resp: 54011
Ion Ratio Lower Upper
96 100
61 182.7 135.8 203.6
98 63.6 49.8 74.6





#11
Methyl Iodide
Concen: 18.277 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

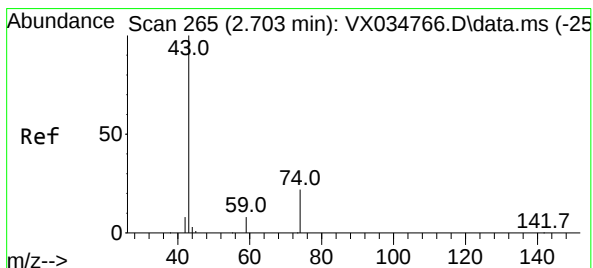
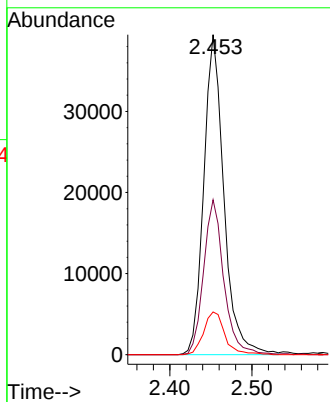
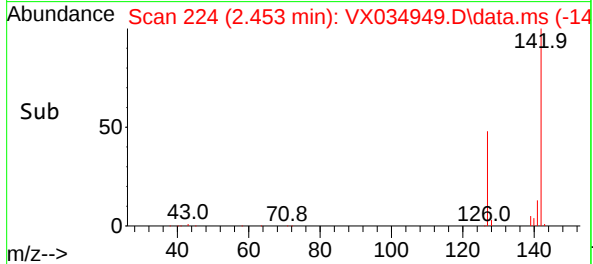
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:142 Resp: 6706
Ion Ratio Lower Upper
142 100
127 48.4 24.5 73.5
141 13.4 7.6 22.8

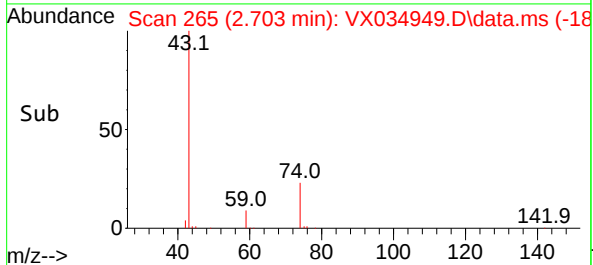
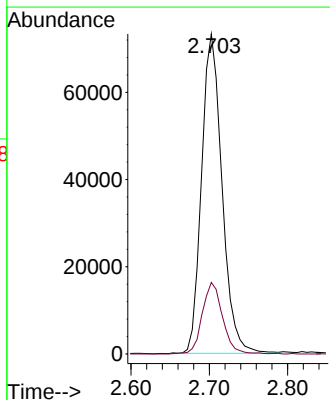
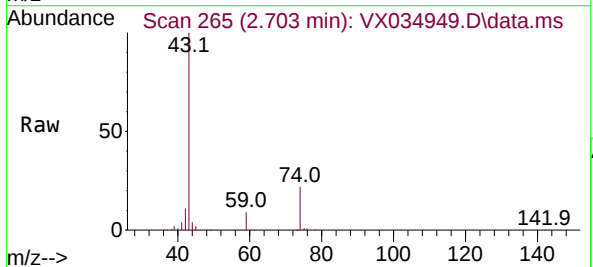
Manual Integrations
APPROVED

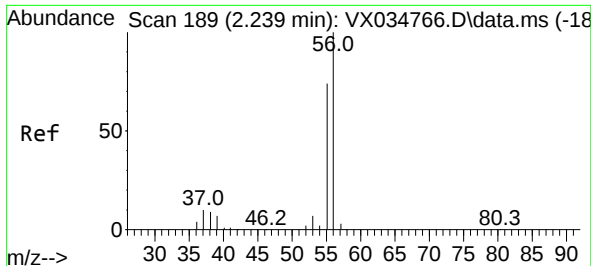
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#12
Methyl Acetate
Concen: 20.860 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

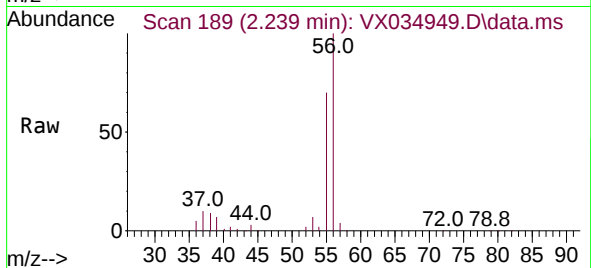
Tgt Ion: 43 Resp: 133114
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0





#13
Acrolein
Concen: 94.138 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

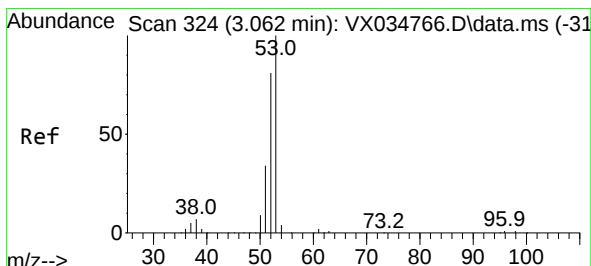
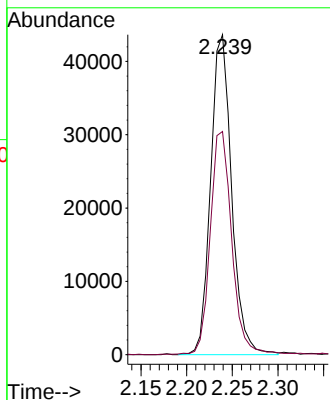
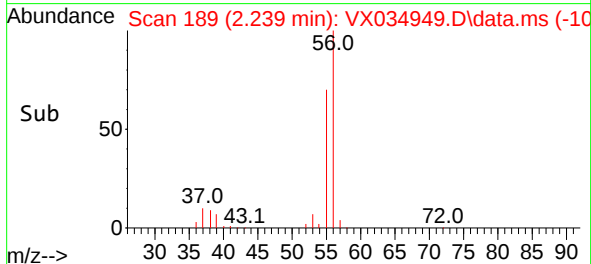
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



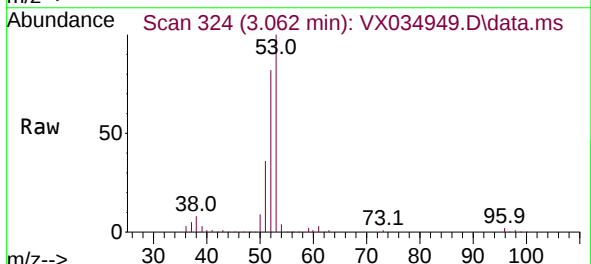
Tgt Ion: 56 Resp: 6966
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

Manual Integrations
APPROVED

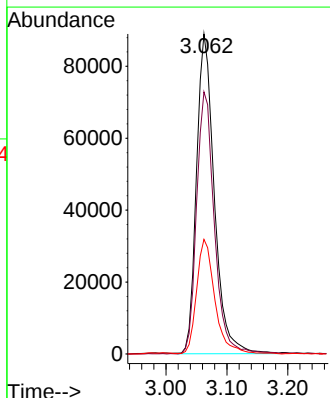
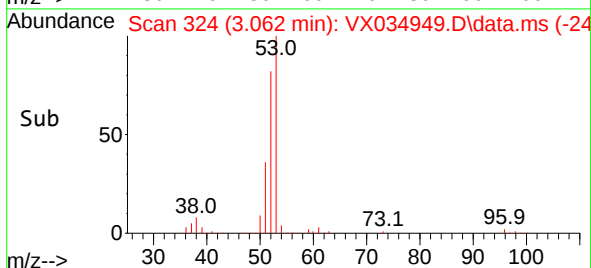
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

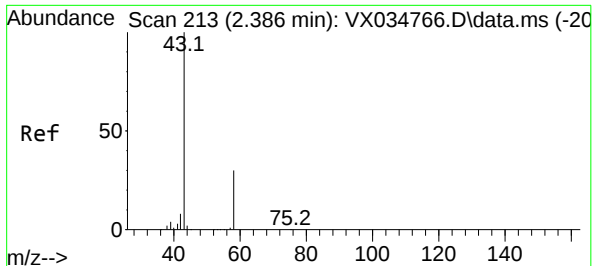


#14
Acrylonitrile
Concen: 102.807 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



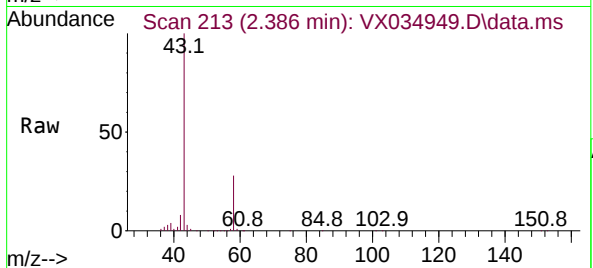
Tgt Ion: 53 Resp: 180647
Ion Ratio Lower Upper
53 100
52 81.9 41.3 123.7
51 37.0 17.9 53.7





#15
Acetone
Concen: 119.895 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

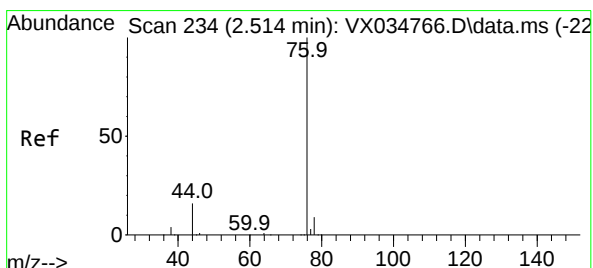
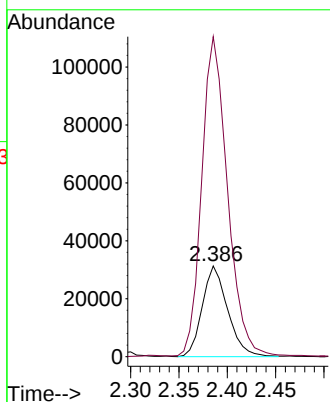
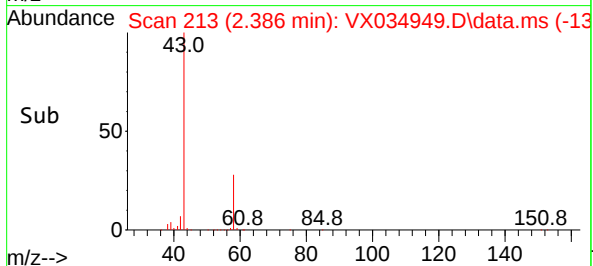
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 58 Resp: 5719
Ion Ratio Lower Upper
58 100
43 351.3 270.8 406.2

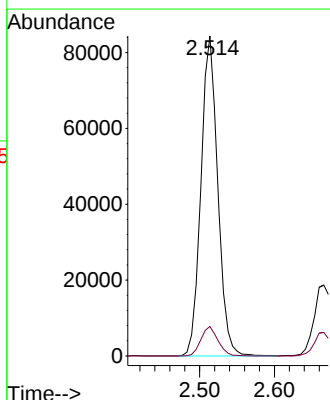
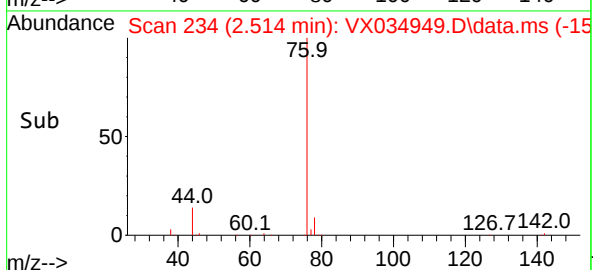
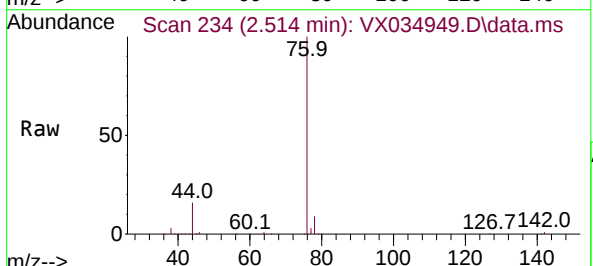
Manual Integrations
APPROVED

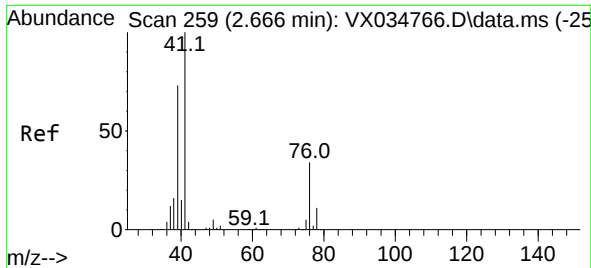
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
Carbon Disulfide
Concen: 17.884 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

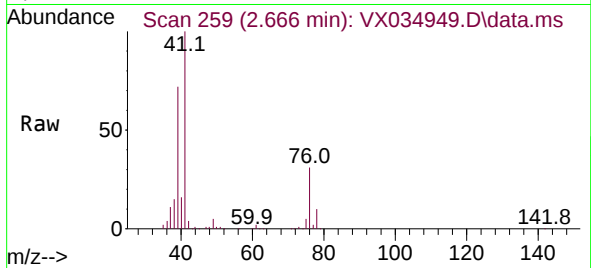
Tgt Ion: 76 Resp: 131812
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#17
 Allyl chloride
 Concen: 20.330 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08

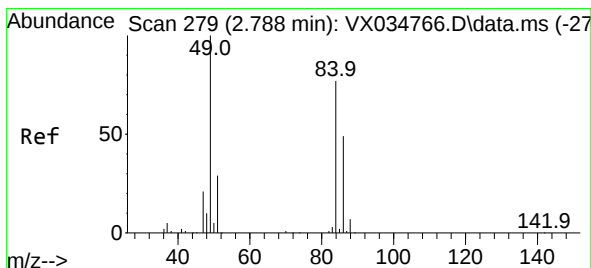
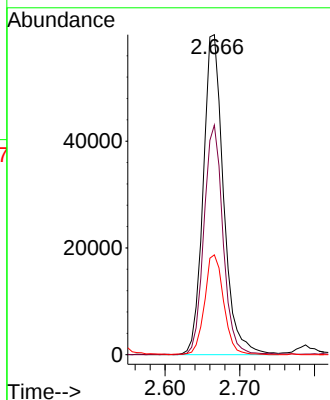
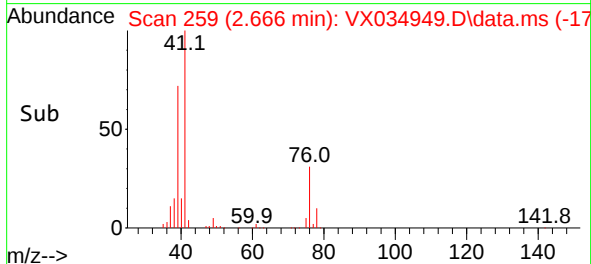
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01



Tgt Ion: 41 Resp: 11335
 Ion Ratio Lower Upper
 41 100
 39 71.6 36.4 109.3
 76 31.2 17.0 51.0

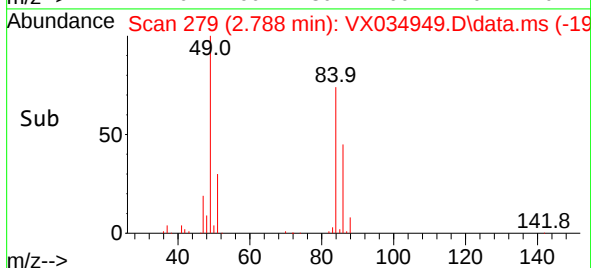
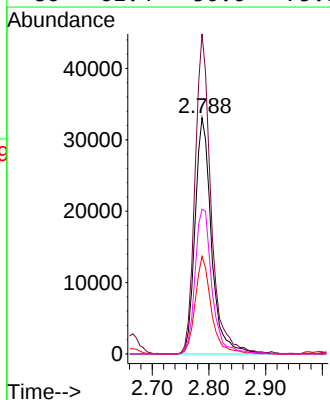
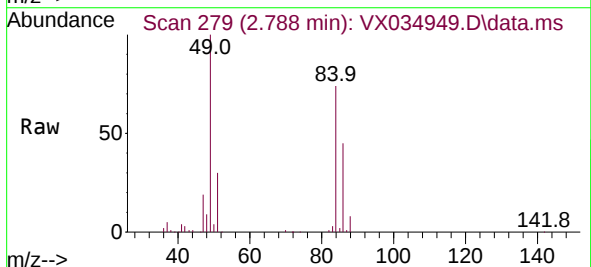
Manual Integrations
 APPROVED

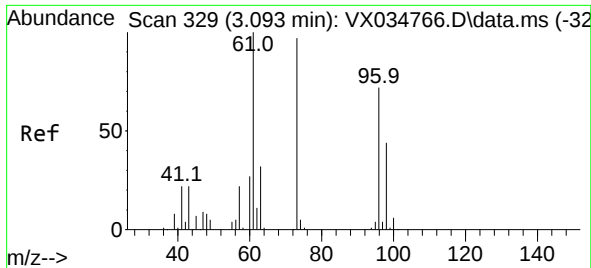
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#18
 Methylene Chloride
 Concen: 19.610 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08

Tgt Ion: 84 Resp: 66563
 Ion Ratio Lower Upper
 84 100
 49 135.5 103.9 155.9
 51 41.3 30.6 45.8
 86 61.4 50.6 75.8





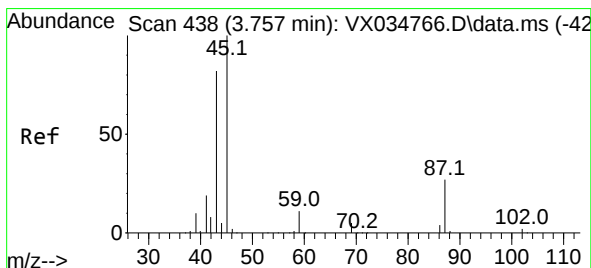
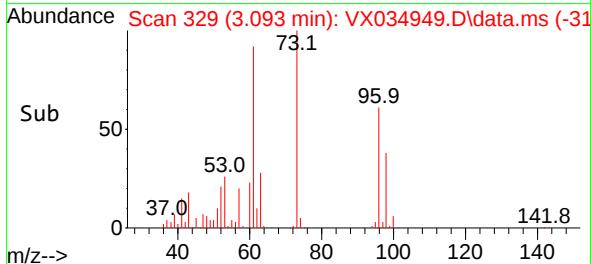
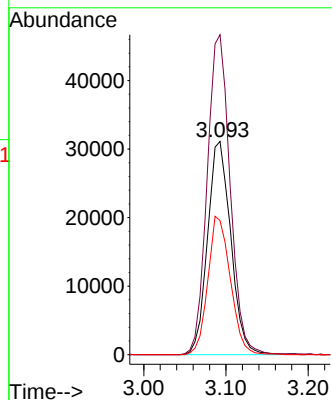
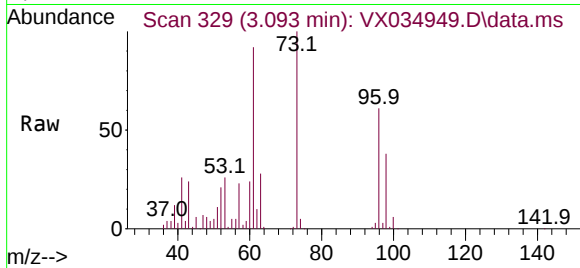
#19
trans-1,2-Dichloroethene
Concen: 19.414 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 96 Resp: 61210
Ion Ratio Lower Upper
96 100
61 150.1 111.1 166.7
98 62.9 48.6 72.8

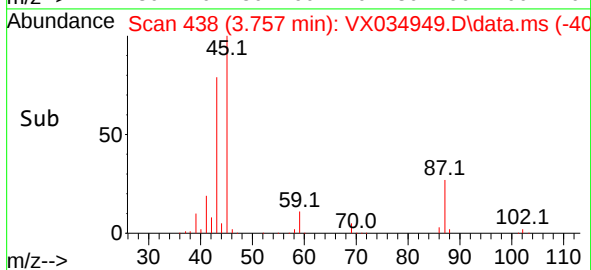
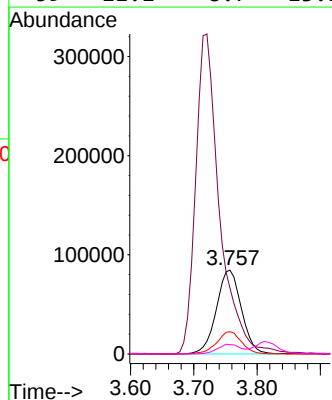
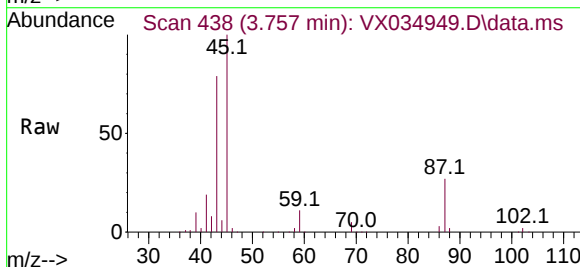
Manual Integrations
APPROVED

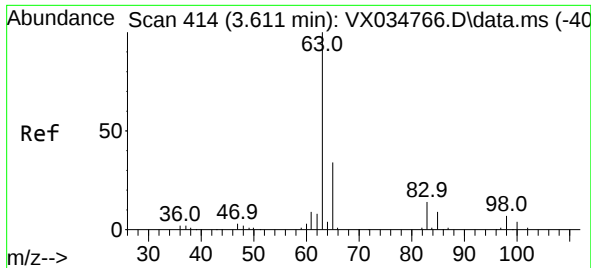
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#20
Diisopropyl ether
Concen: 20.270 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 45 Resp: 231558
Ion Ratio Lower Upper
45 100
43 75.9 66.0 99.0
87 26.5 21.8 32.6
59 11.1 8.7 13.1





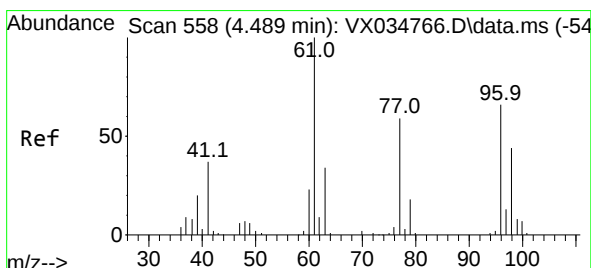
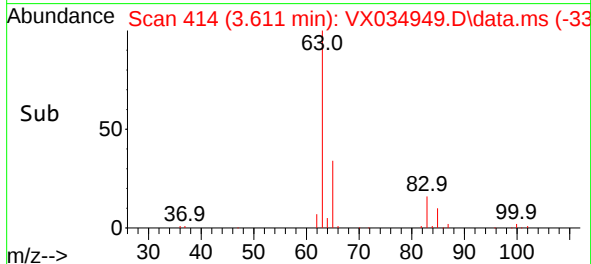
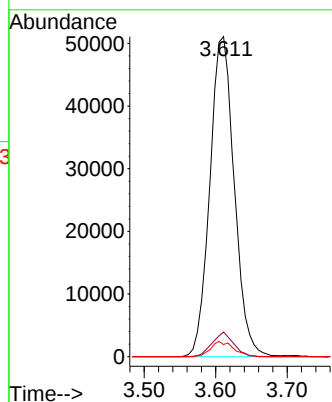
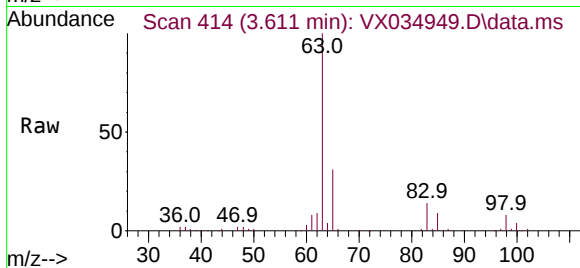
#21
1,1-Dichloroethane
Concen: 19.871 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 63 Resp: 121375
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.6
100 3.8 2.2 6.6

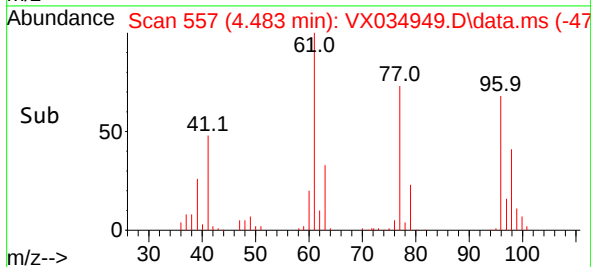
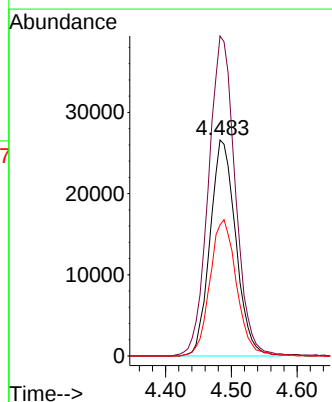
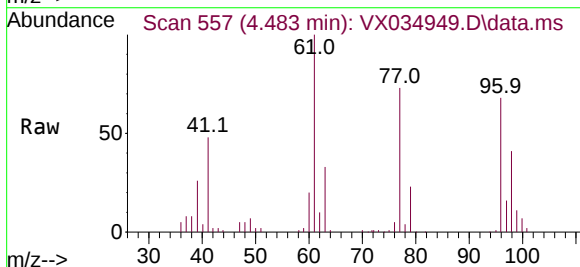
Manual Integrations
APPROVED

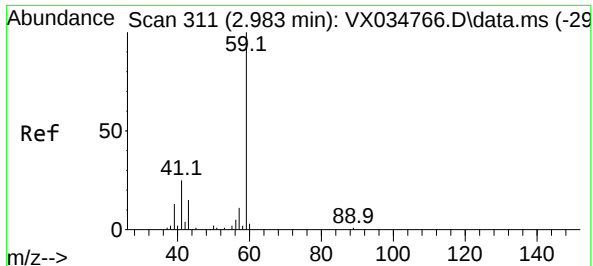
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 19.729 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 96 Resp: 72452
Ion Ratio Lower Upper
96 100
61 154.3 121.7 182.5
98 65.1 52.2 78.2





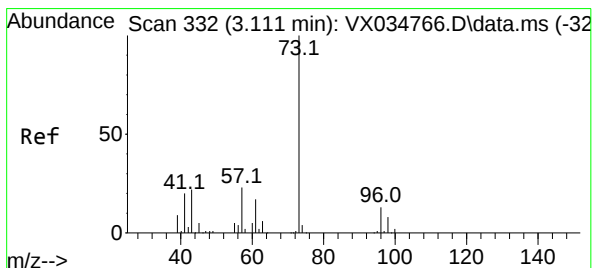
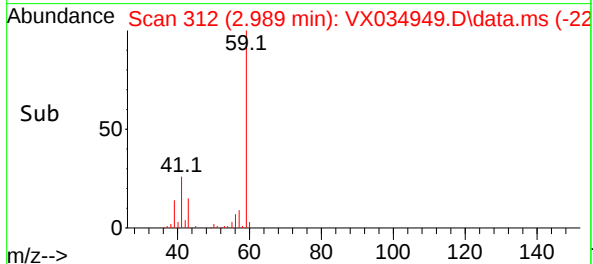
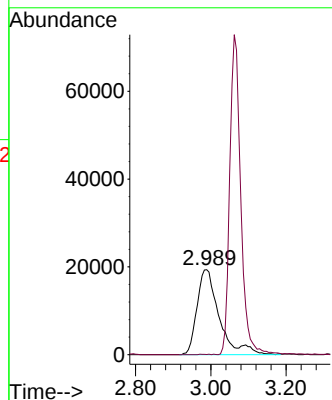
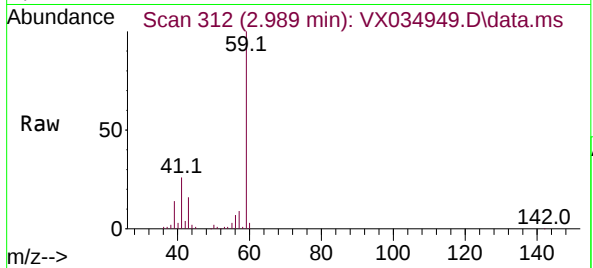
#23
tert-Butyl Alcohol
Concen: 100.339 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 59 Resp: 79328
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

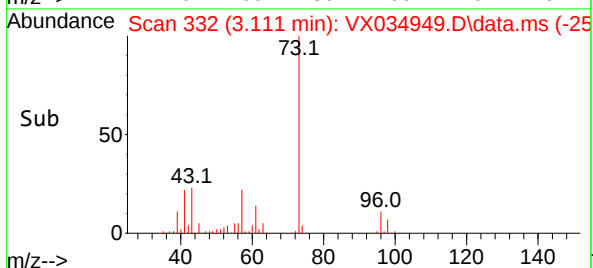
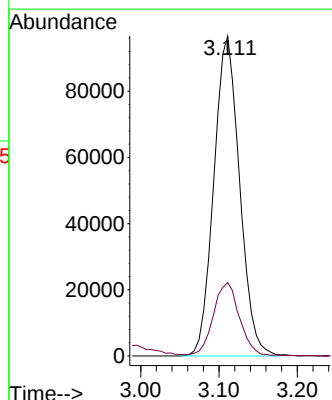
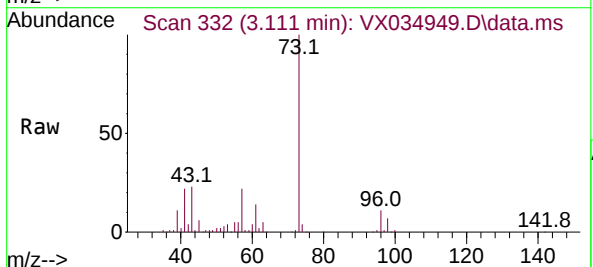
Manual Integrations
APPROVED

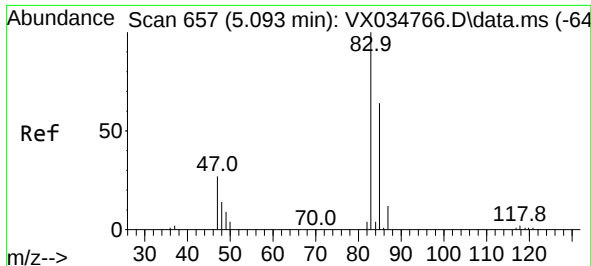
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
Methyl tert-Butyl Ether
Concen: 20.629 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

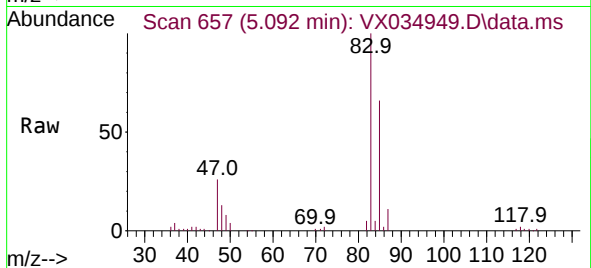
Tgt Ion: 73 Resp: 220892
Ion Ratio Lower Upper
73 100
43 23.3 17.9 26.9





#25
Chloroform
Concen: 19.952 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

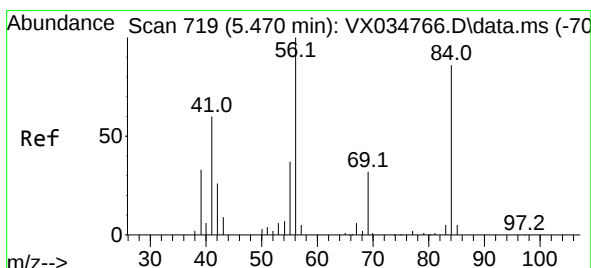
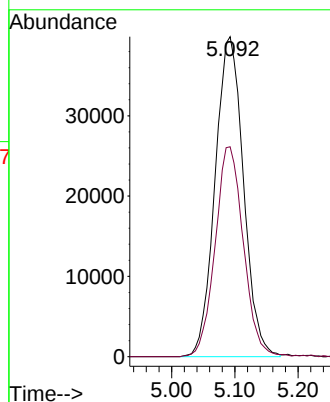
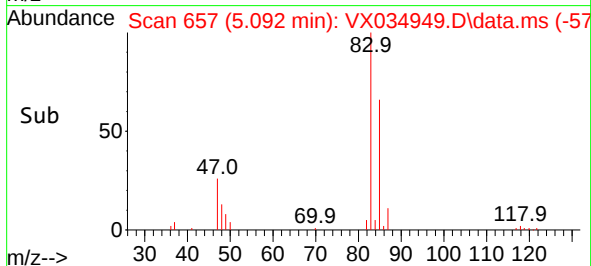
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



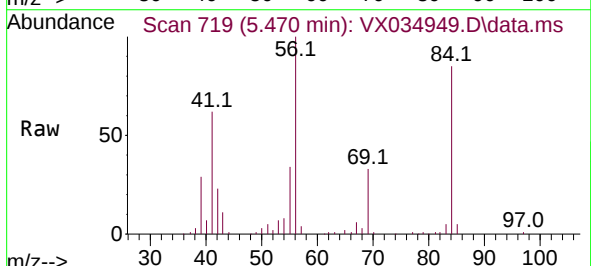
Tgt Ion: 83 Resp: 12395
Ion Ratio Lower Upper
83 100
85 65.6 51.2 76.8

Manual Integrations
APPROVED

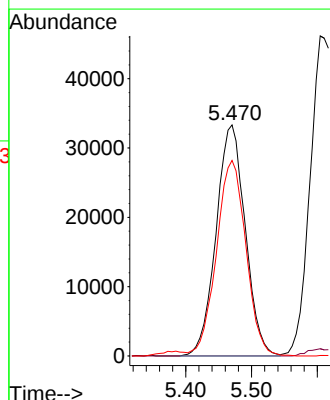
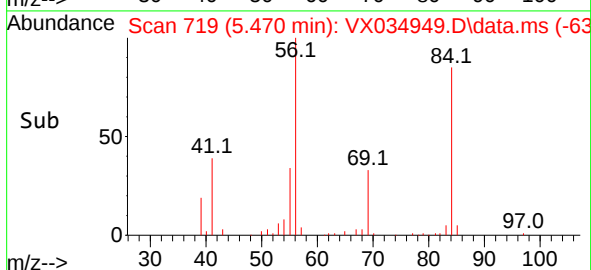
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

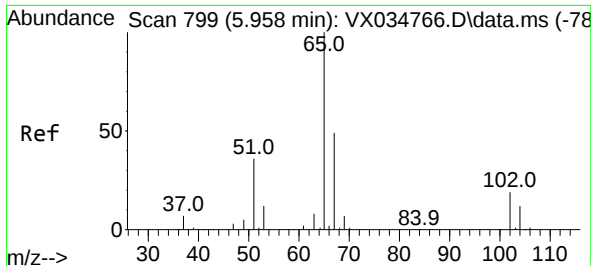


#26
Cyclohexane
Concen: 19.201 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



Tgt Ion: 56 Resp: 102776
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.4 101.2





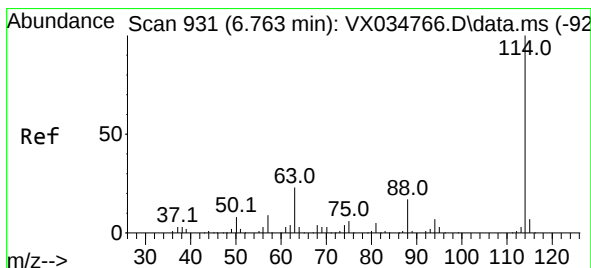
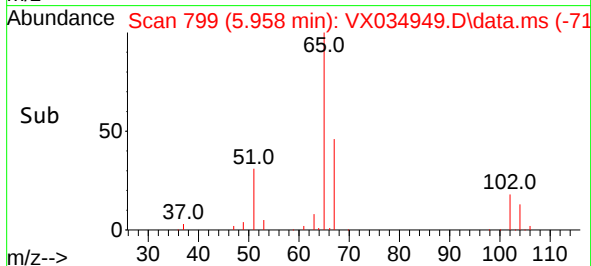
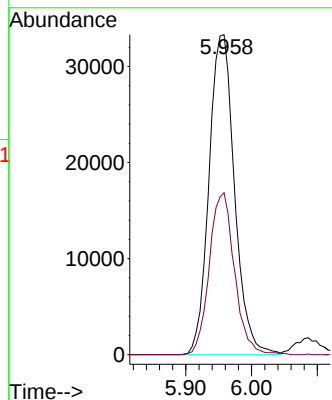
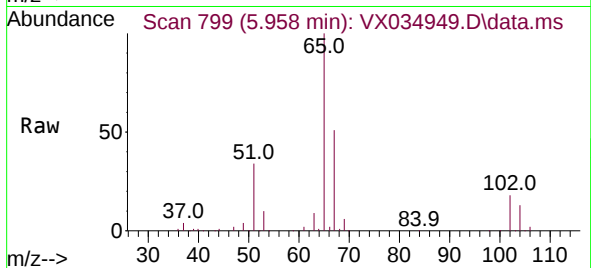
#27
1,2-Dichloroethane-d4
Concen: 32.294 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 65 Resp: 9007
Ion Ratio Lower Upper
65 100
67 49.6 40.9 61.3

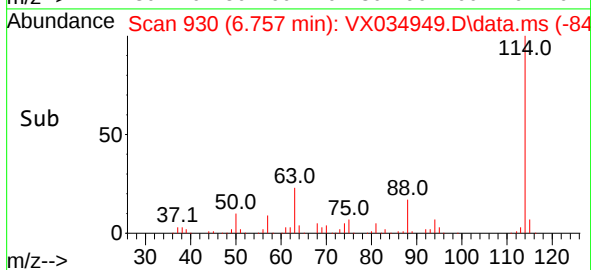
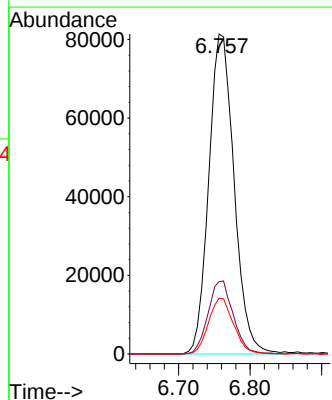
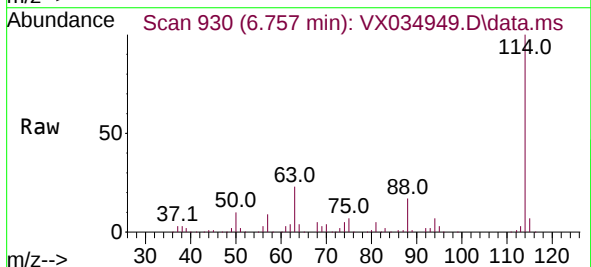
Manual Integrations
APPROVED

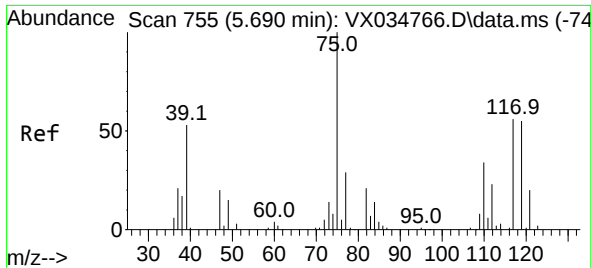
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

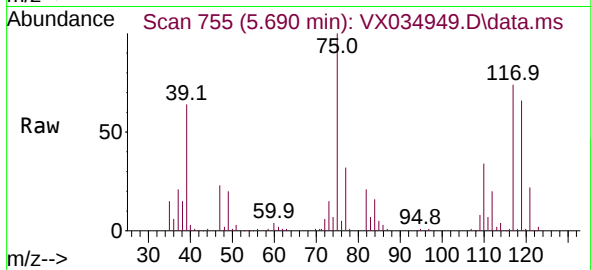
Tgt Ion:114 Resp: 200121
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 17.2 13.3 19.9





#29
1,1-Dichloropropene
Concen: 19.397 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

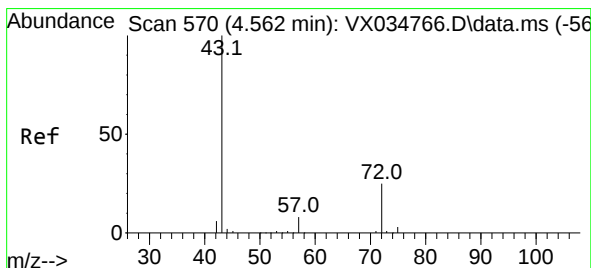
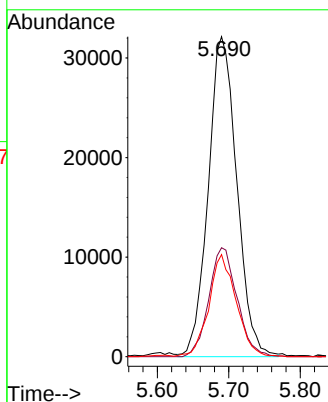
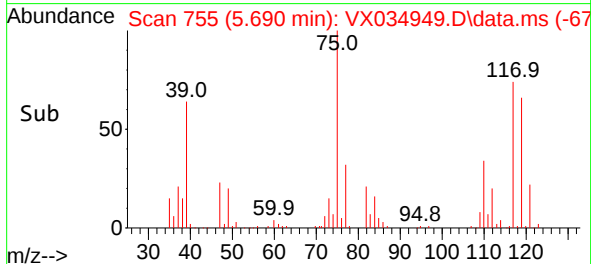
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



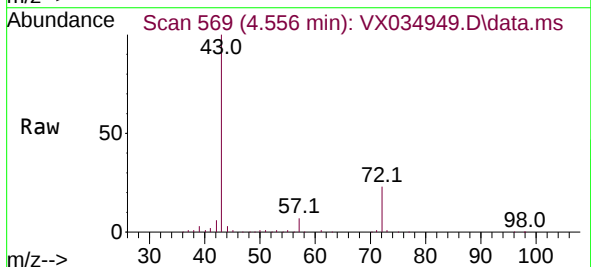
Tgt Ion: 75 Resp: 8928
Ion Ratio Lower Upper
75 100
110 33.6 0.0 71.4
77 30.5 0.0 61.6

Manual Integrations
APPROVED

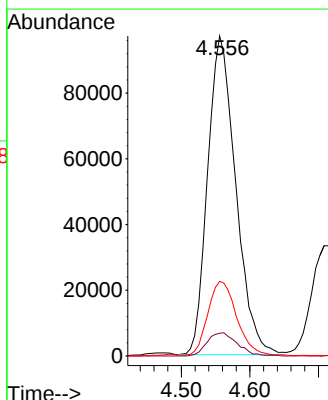
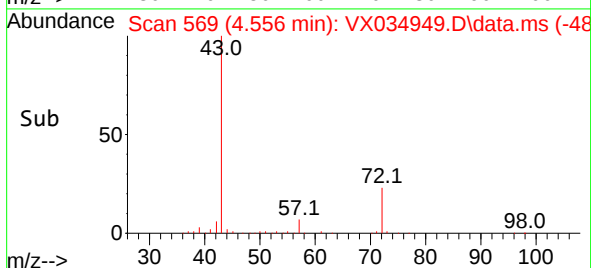
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

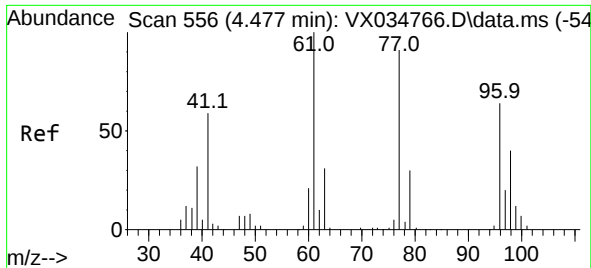


#30
2-Butanone
Concen: 107.656 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



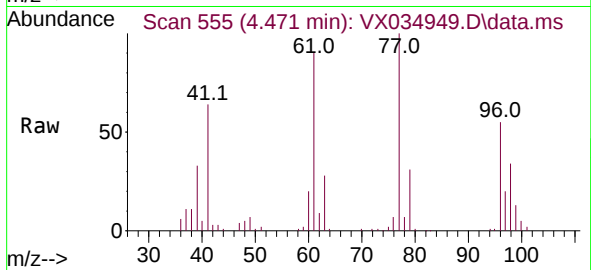
Tgt Ion: 43 Resp: 276340
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 24.2 19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.498 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

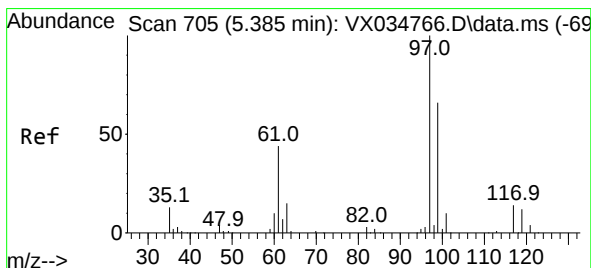
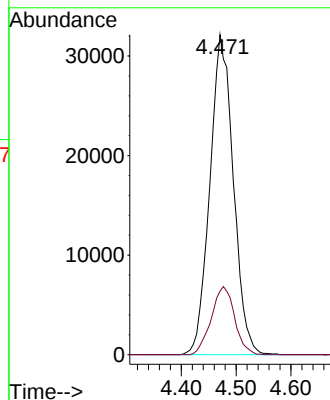
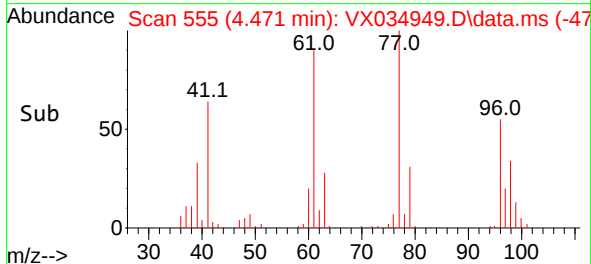
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



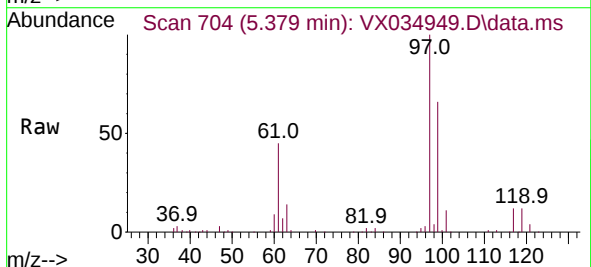
Tgt Ion: 77 Resp: 95680
Ion Ratio Lower Upper
77 100
97 21.2 18.2 27.4

Manual Integrations
APPROVED

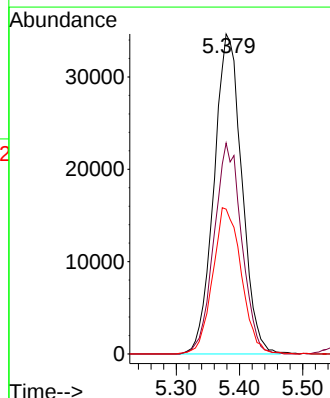
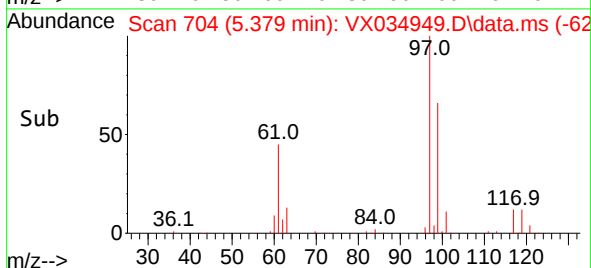
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

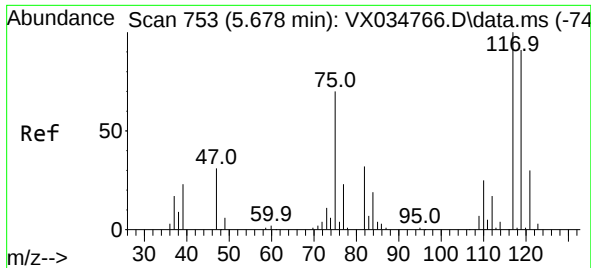


#32
1,1,1-Trichloroethane
Concen: 19.569 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



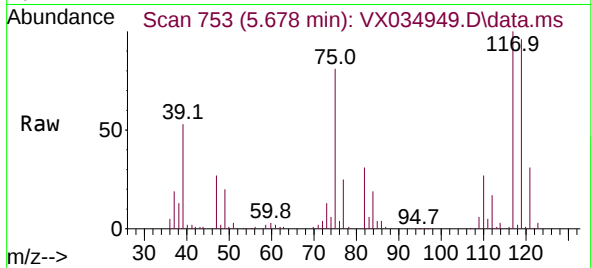
Tgt Ion: 97 Resp: 105668
Ion Ratio Lower Upper
97 100
99 65.6 51.3 76.9
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 19.738 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

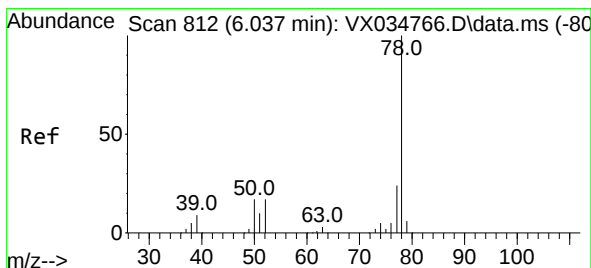
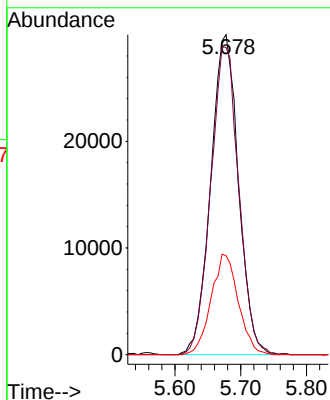
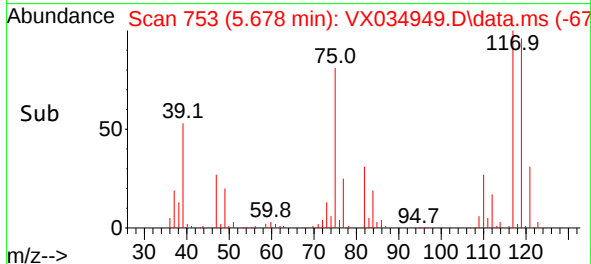
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 117 Resp: 8796
Ion Ratio Lower Upper
117 100
119 96.1 73.3 109.9
121 31.0 24.0 36.0

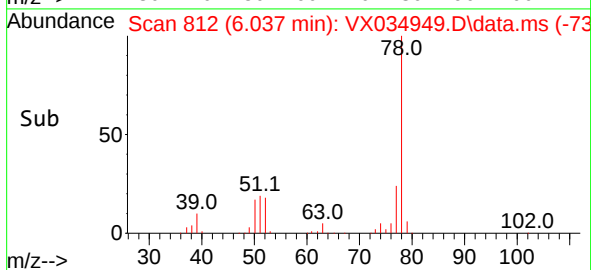
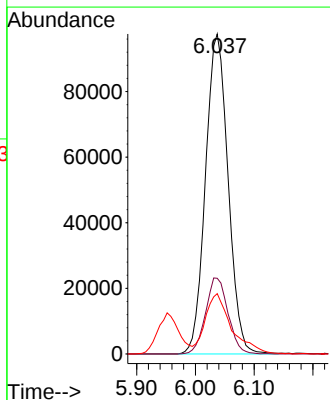
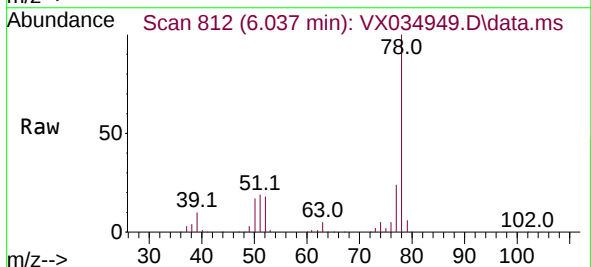
Manual Integrations
APPROVED

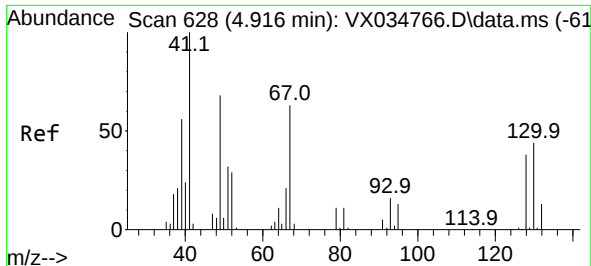
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Benzene
Concen: 19.502 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

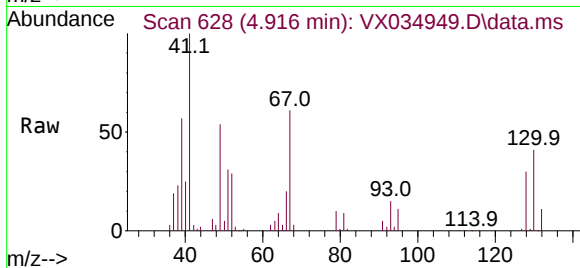
Tgt Ion: 78 Resp: 260849
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 18.6 14.6 21.8





#35
Methacrylonitrile
Concen: 20.404 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

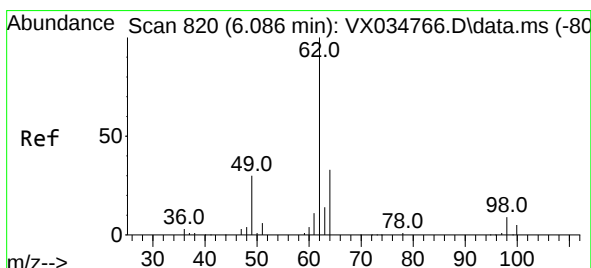
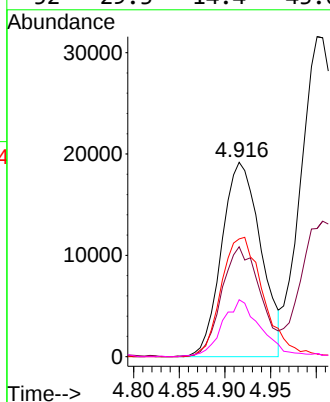
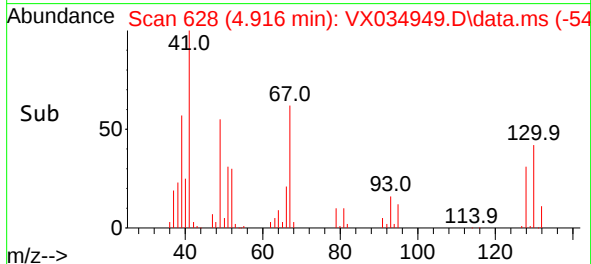
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:	41	Resp:	57324
Ion	Ratio	Lower	Upper
41	100		
39	56.2	28.0	84.0
67	60.6	31.6	94.7
52	29.3	14.4	43.0

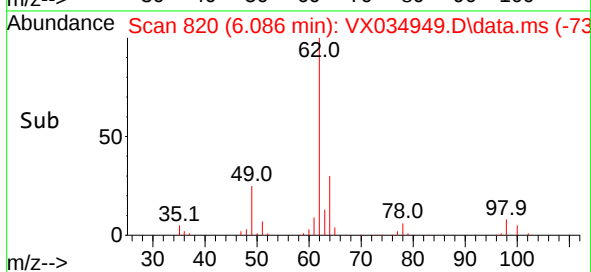
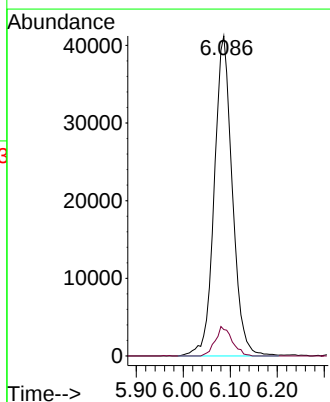
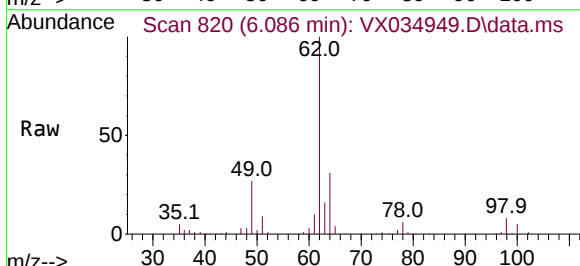
Manual Integrations
APPROVED

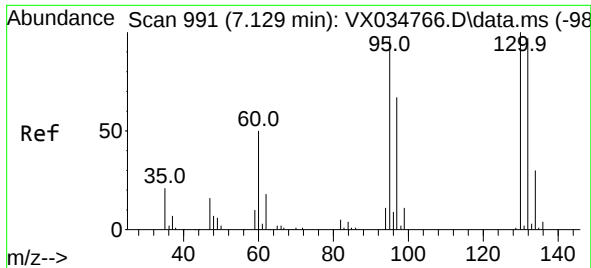
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 21.006 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

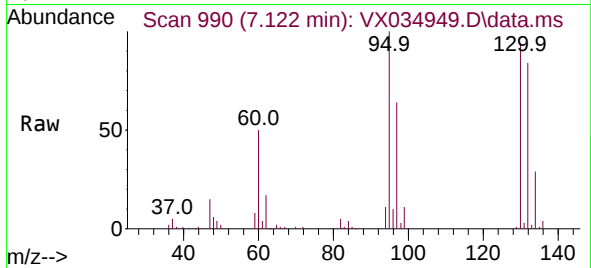
Tgt Ion:	62	Resp:	110162
Ion	Ratio	Lower	Upper
62	100		
98	8.6	7.0	10.6





#37
Trichloroethene
Concen: 19.272 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

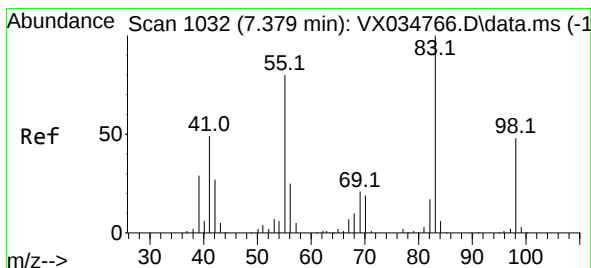
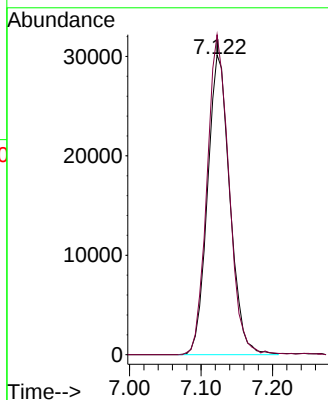
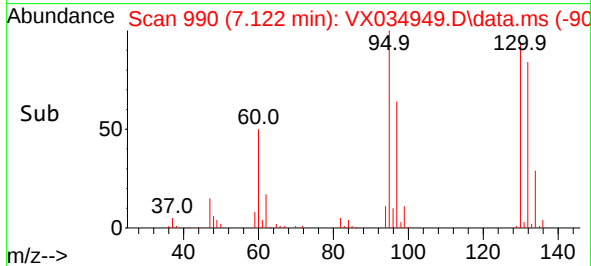
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:130 Resp: 65604
Ion Ratio Lower Upper
130 100
95 106.7 77.8 116.6

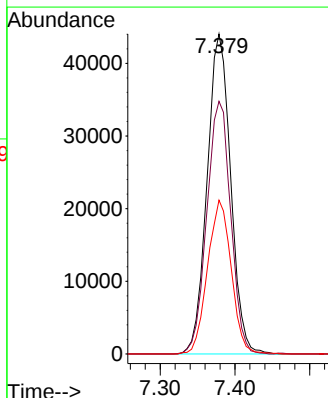
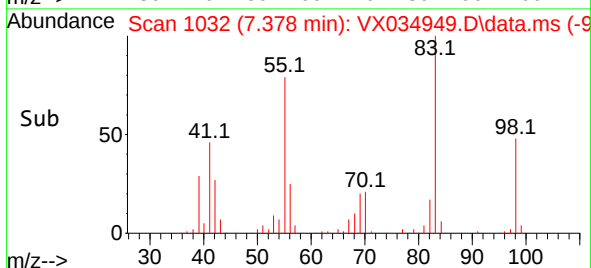
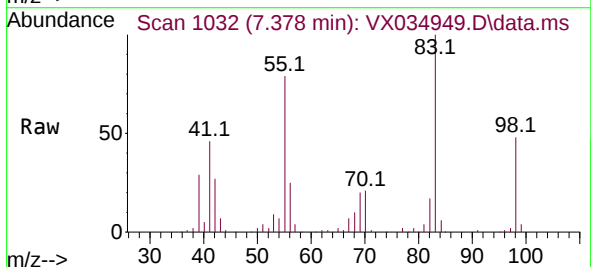
Manual Integrations
APPROVED

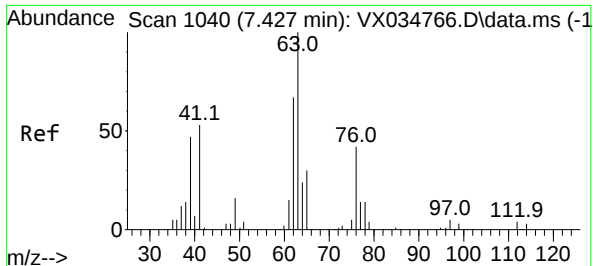
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#38
Methylcyclohexane
Concen: 19.177 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 83 Resp: 96434
Ion Ratio Lower Upper
83 100
55 80.1 38.8 116.4
98 48.3 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.751 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tgt Ion: 63 Resp: 68672

Ion Ratio Lower Upper

63 100

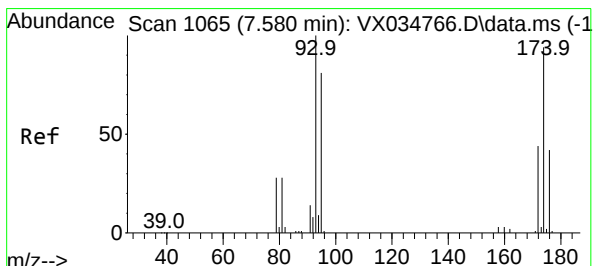
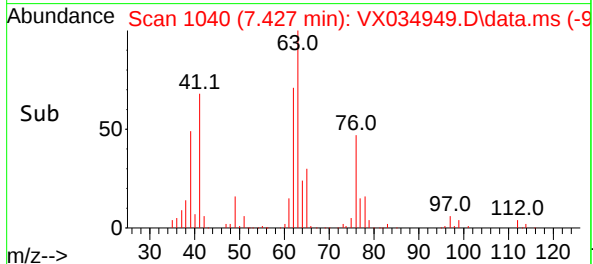
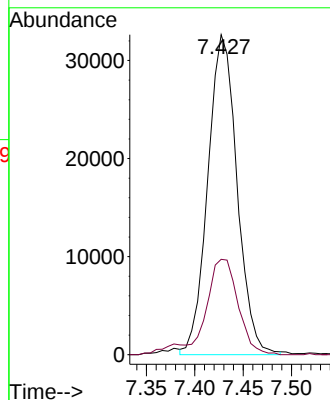
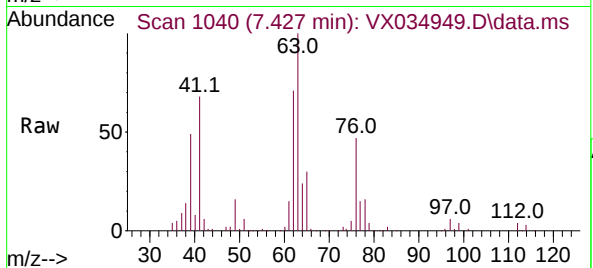
65 30.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Dibromomethane

Concen: 19.962 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

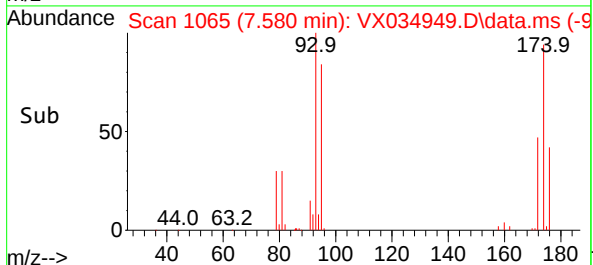
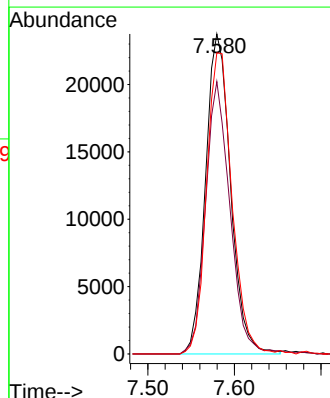
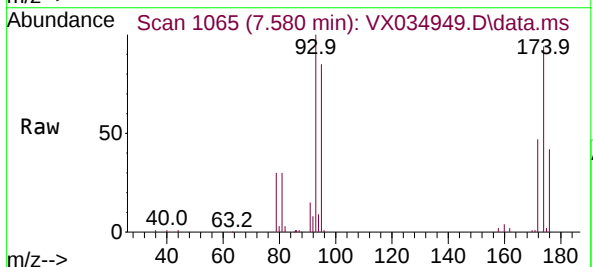
Tgt Ion: 93 Resp: 47676

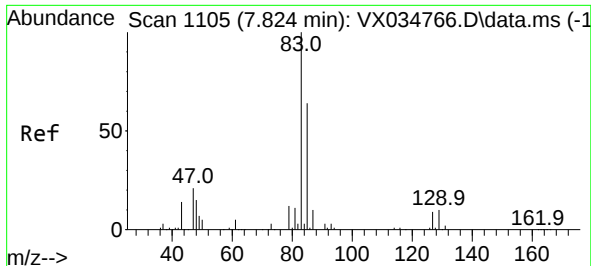
Ion Ratio Lower Upper

93 100

95 82.3 0.0 165.8

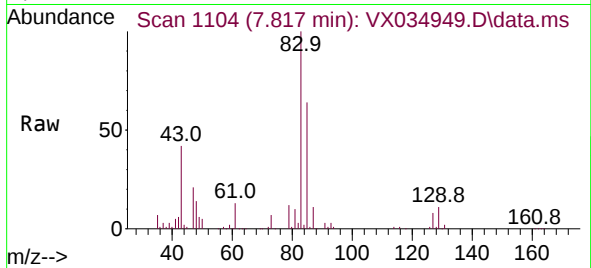
174 95.7 0.0 188.8





#41
Bromodichloromethane
Concen: 20.132 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

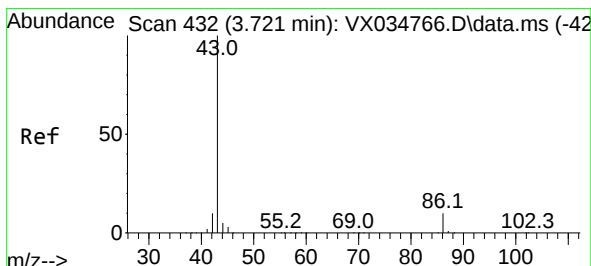
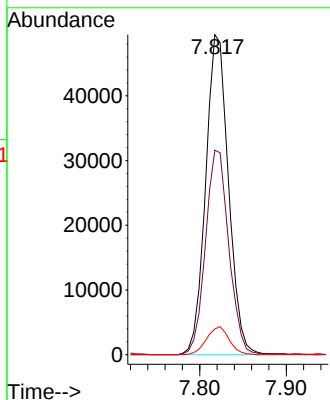
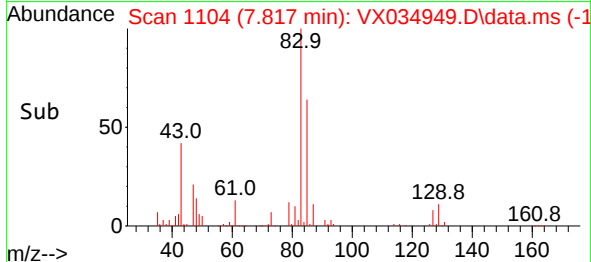
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 83 Resp: 9056
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.1 8.2 12.4

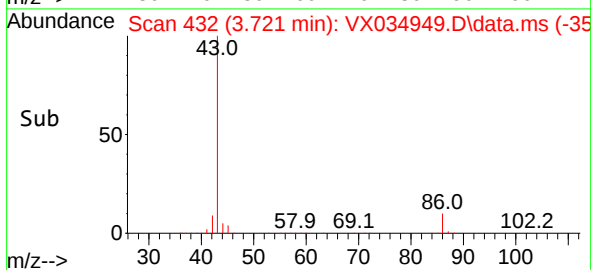
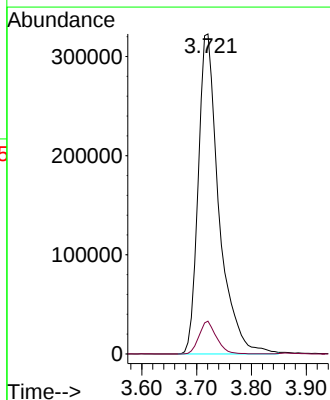
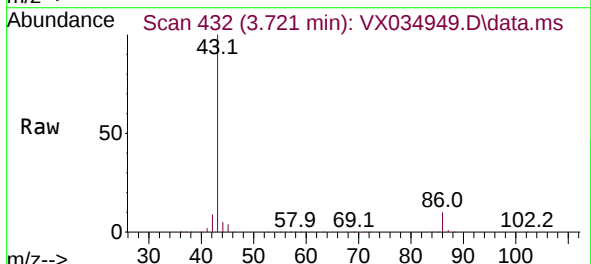
Manual Integrations
APPROVED

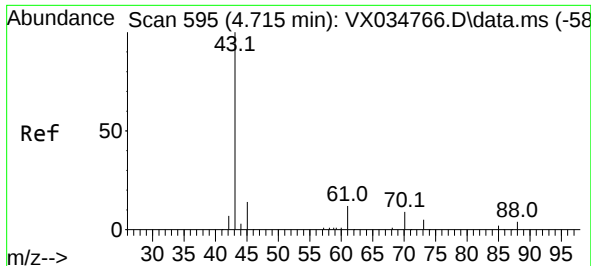
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#42
Vinyl Acetate
Concen: 101.353 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

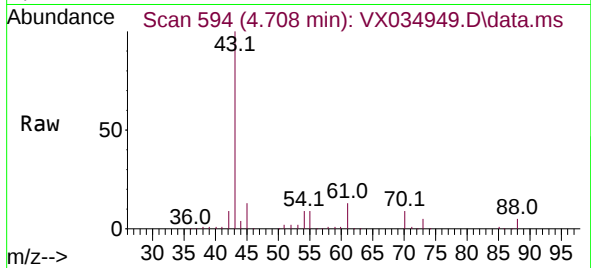
Tgt Ion: 43 Resp: 848744
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





#43
Ethyl Acetate
Concen: 20.455 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.007 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

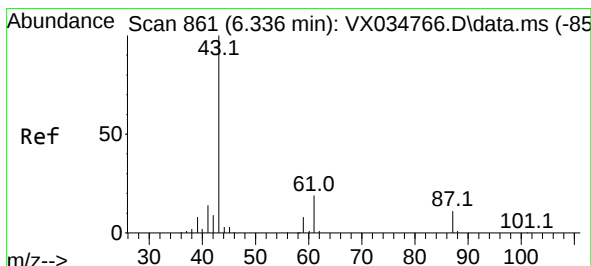
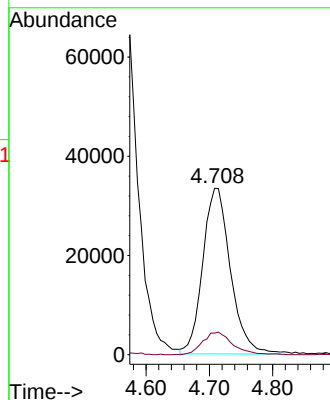
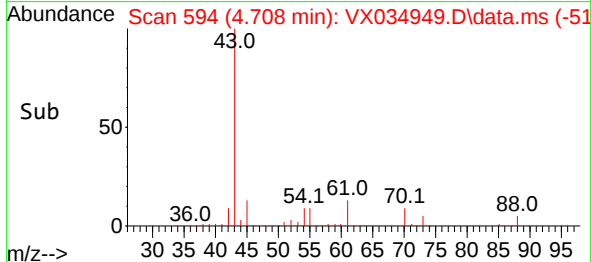
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 43 Resp: 101830
Ion Ratio Lower Upper
43 100
45 14.5 12.0 18.0

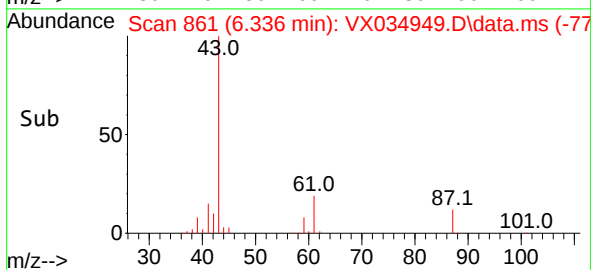
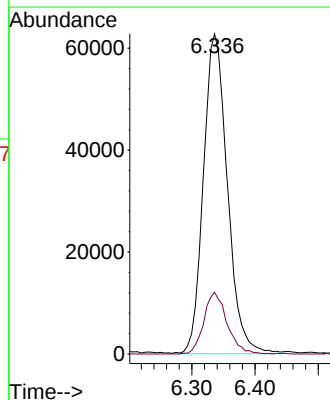
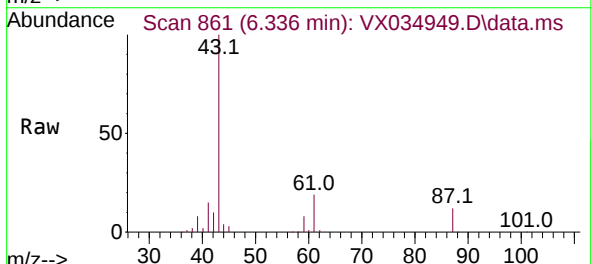
Manual Integrations
APPROVED

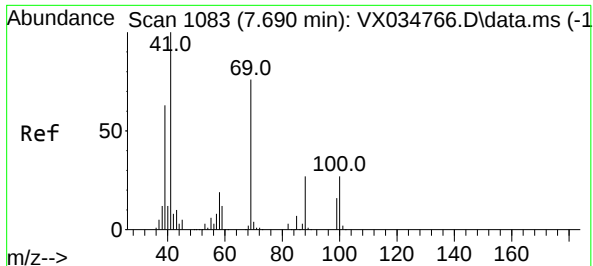
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#44
Isopropyl Acetate
Concen: 19.630 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 43 Resp: 165430
Ion Ratio Lower Upper
43 100
61 18.6 15.4 23.0





#45

1,4-Dioxane

Concen: 421.399 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

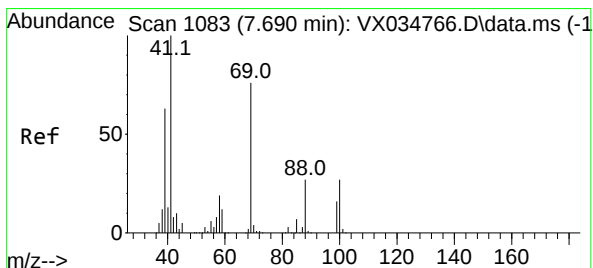
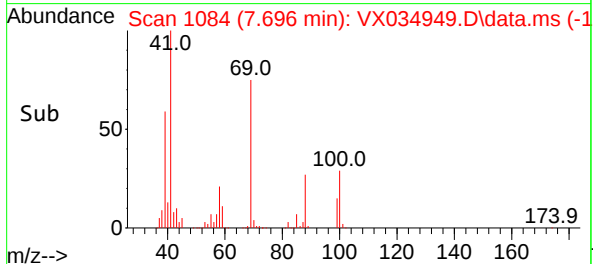
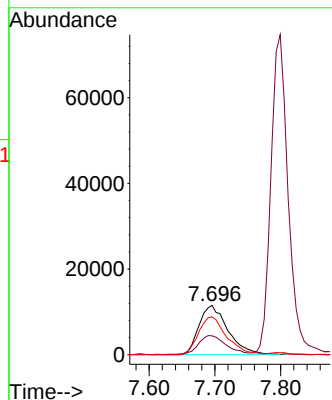
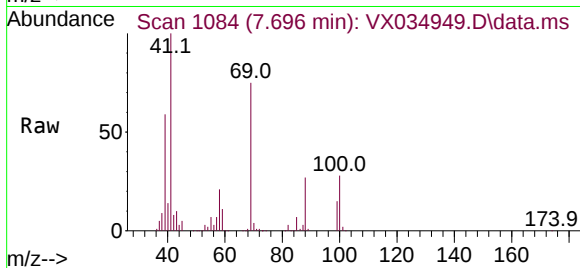
Tgt Ion: 88	Resp: 35184
Ion Ratio	Lower Upper
88 100	
43 35.3	26.5 39.7
58 74.0	55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

Methyl methacrylate

Concen: 20.073 ug/l

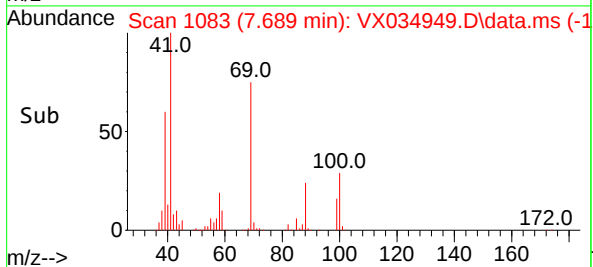
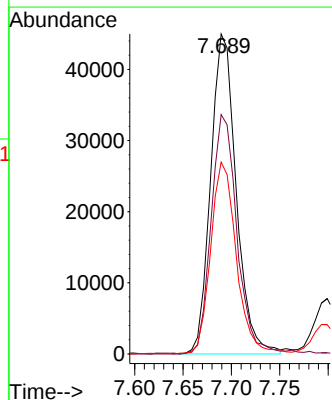
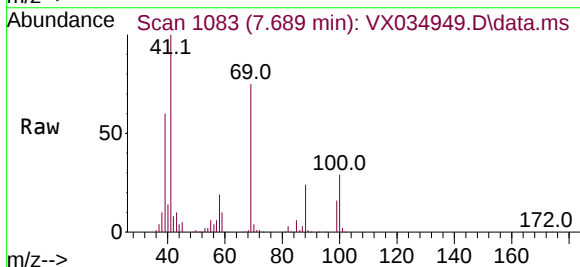
RT: 7.689 min Scan# 1083

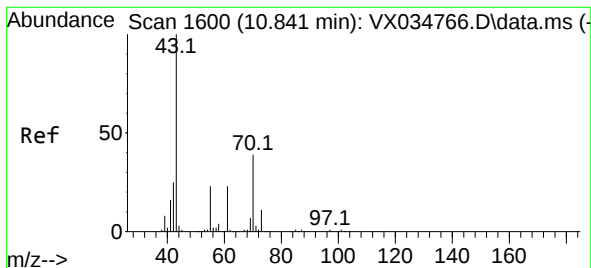
Delta R.T. -0.001 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Tgt Ion: 41	Resp: 82425
Ion Ratio	Lower Upper
41 100	
69 74.8	38.1 114.5
39 59.7	31.4 94.3





#47

n-amy1 Acetate

Concen: 18.566 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034949.D

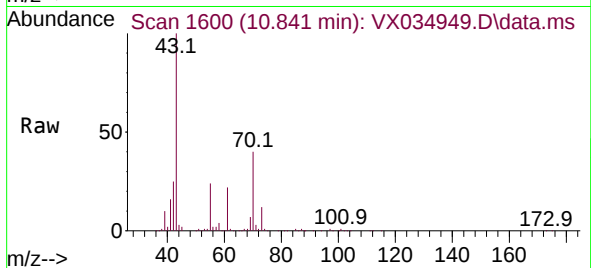
Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01



Tgt Ion: 43 Resp: 136025

Ion Ratio Lower Upper

43 100

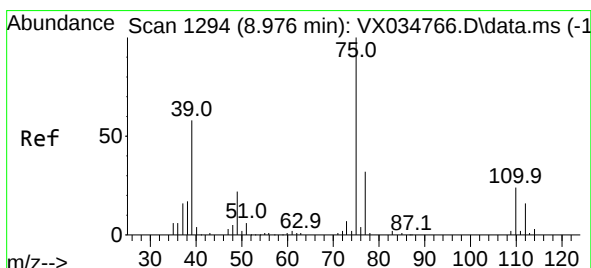
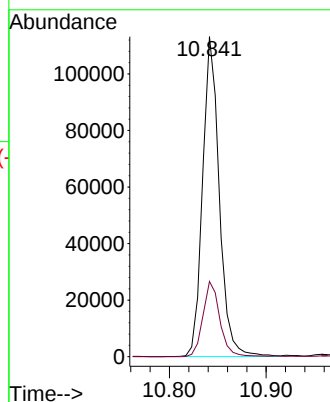
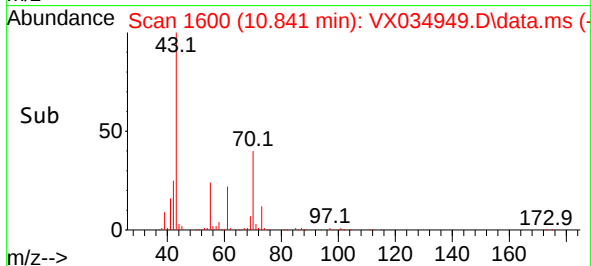
55 23.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

t-1,3-Dichloropropene

Concen: 19.140 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034949.D

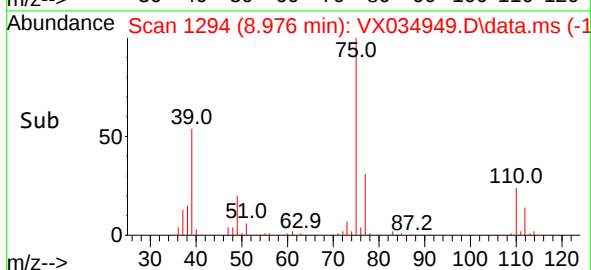
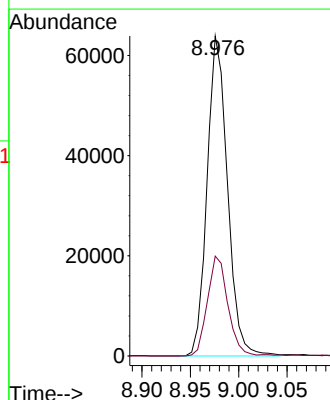
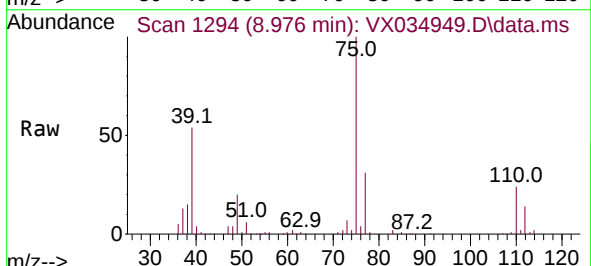
Acq: 06 Apr 2023 10:08

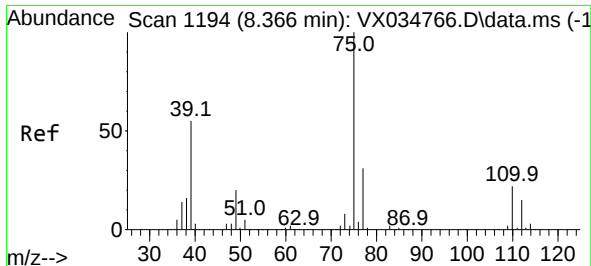
Tgt Ion: 75 Resp: 93818

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.612 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tgt Ion: 75 Resp: 10561

Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0

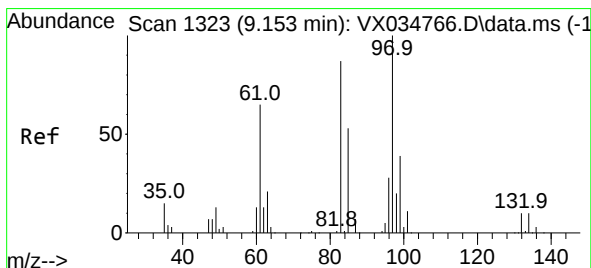
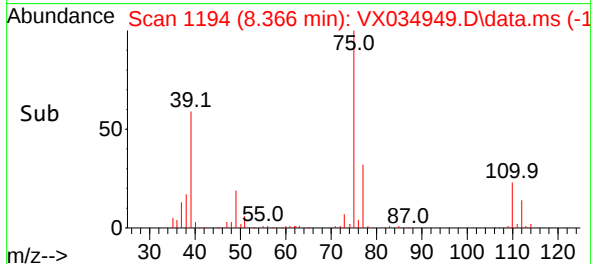
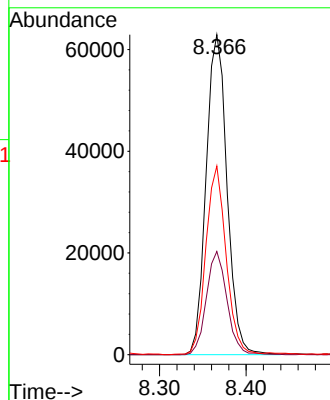
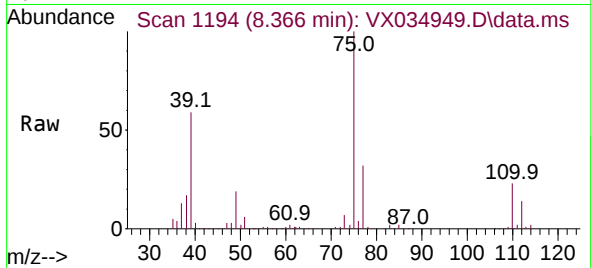
39 58.7 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

1,1,2-Trichloroethane

Concen: 20.037 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Tgt Ion: 97 Resp: 66672

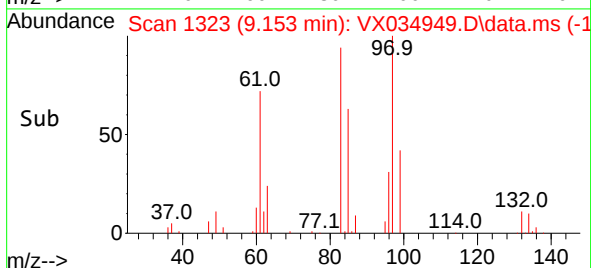
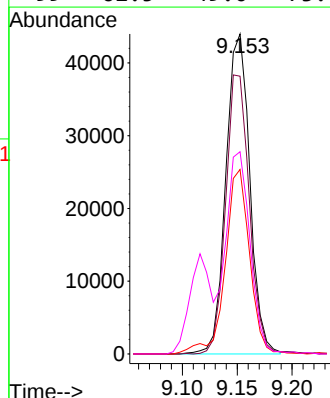
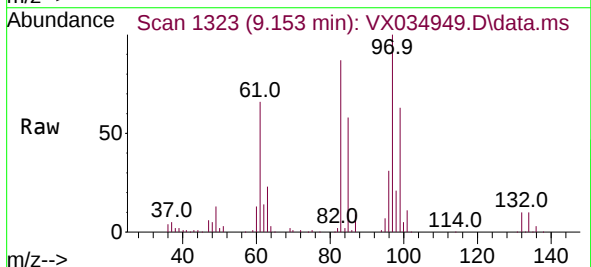
Ion Ratio Lower Upper

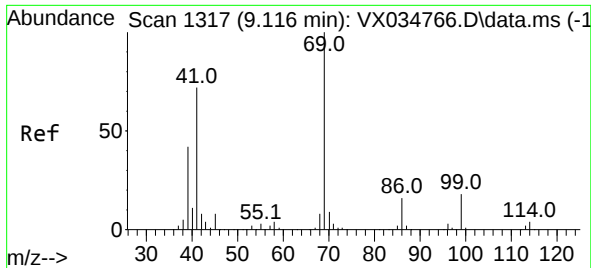
97 100

83 86.8 68.9 103.3

85 57.1 44.0 66.0

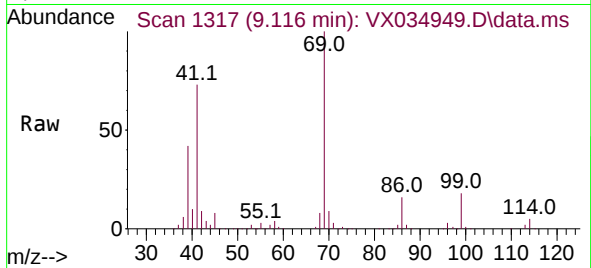
99 62.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.519 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

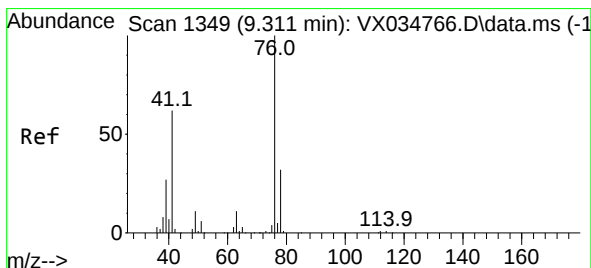
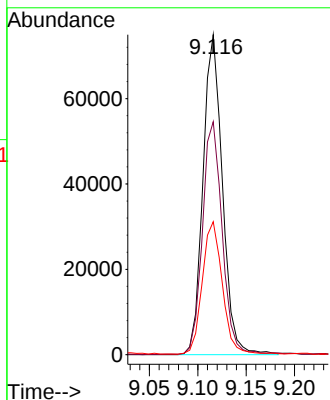
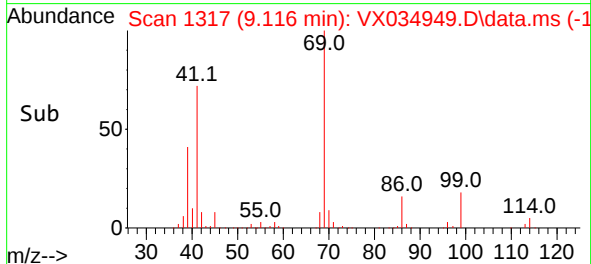
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



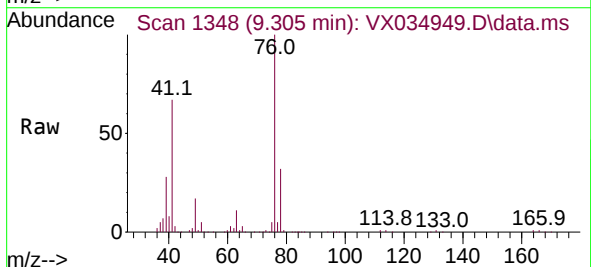
Tgt Ion: 69 Resp: 105408
Ion Ratio Lower Upper
69 100
41 72.7 36.2 108.6
39 41.3 21.2 63.6

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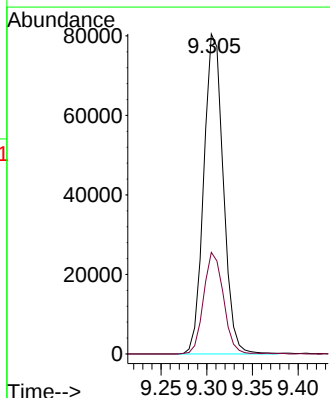
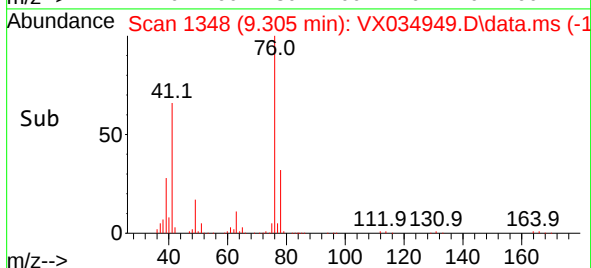
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

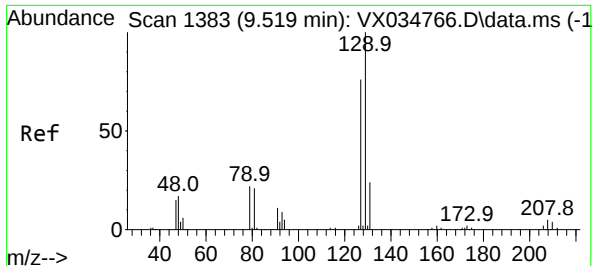


#52
1,3-Dichloropropane
Concen: 20.305 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



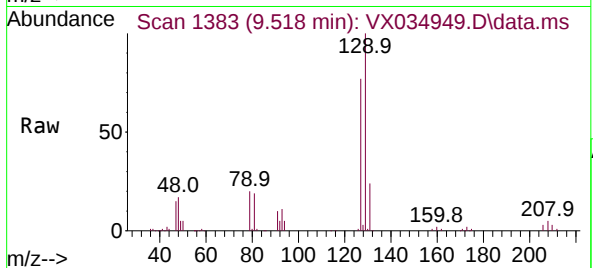
Tgt Ion: 76 Resp: 119351
Ion Ratio Lower Upper
76 100
78 32.1 0.0 63.8





#53
Dibromochloromethane
Concen: 19.870 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

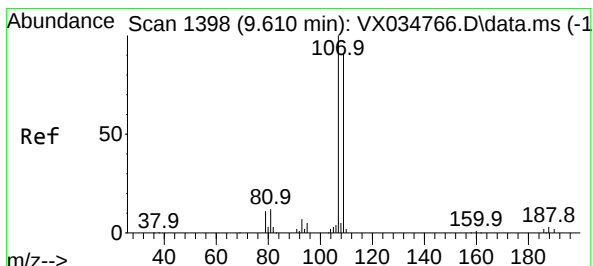
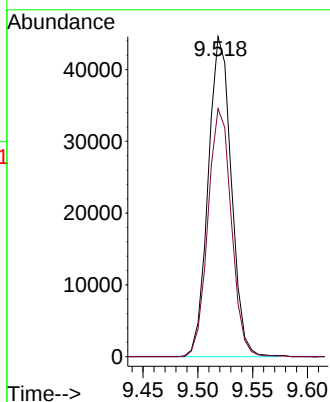
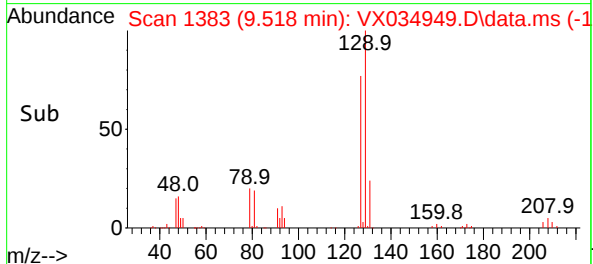
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:129 Resp: 65404
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.5

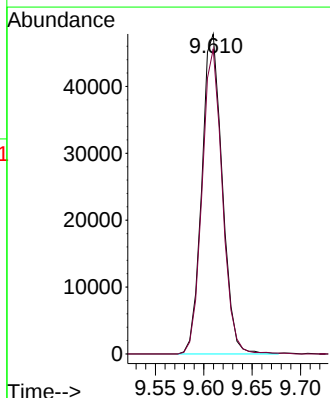
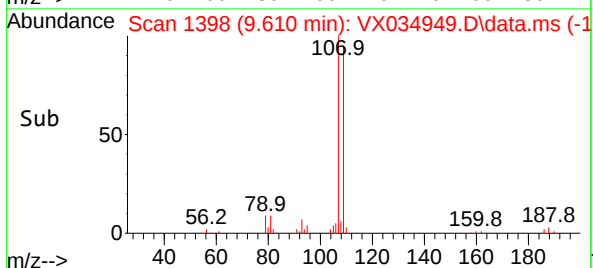
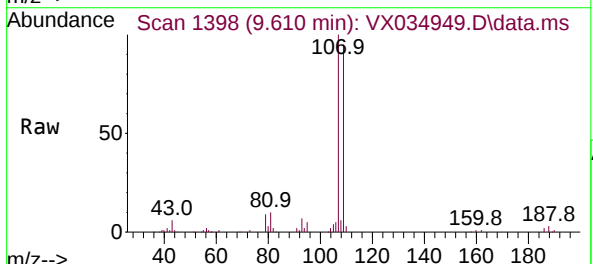
Manual Integrations
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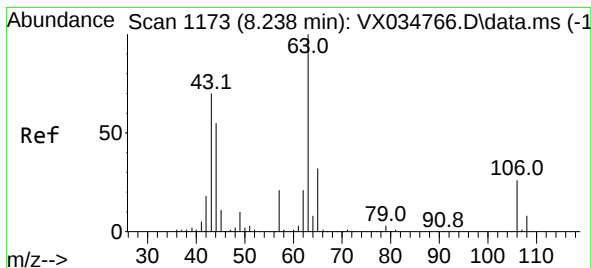
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#54
1,2-Dibromoethane
Concen: 19.822 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion:107 Resp: 70550
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2





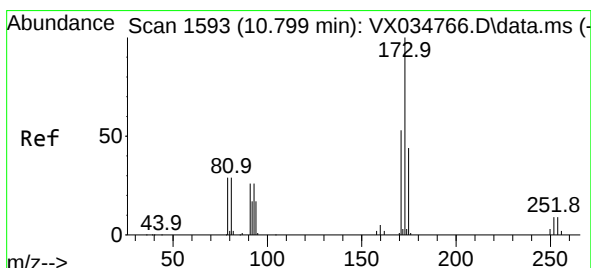
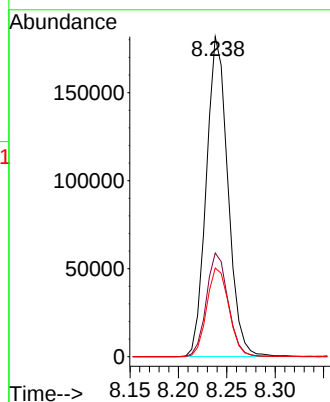
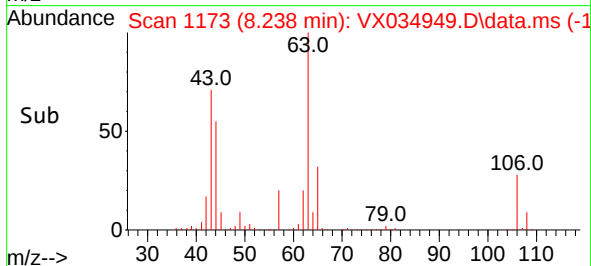
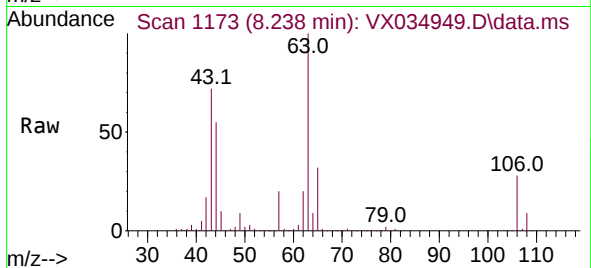
#55
2-Chloroethyl vinyl ether
Concen: 99.617 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 63 Resp: 28310
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.2
106 28.4 21.6 32.4

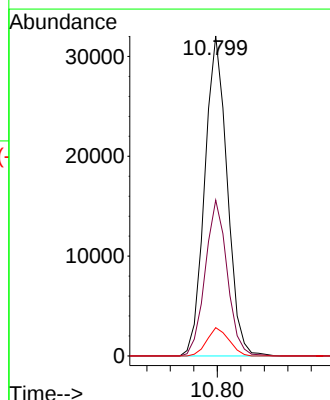
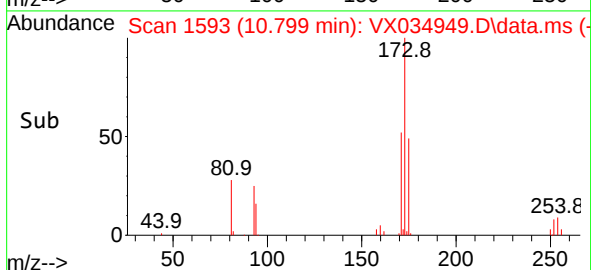
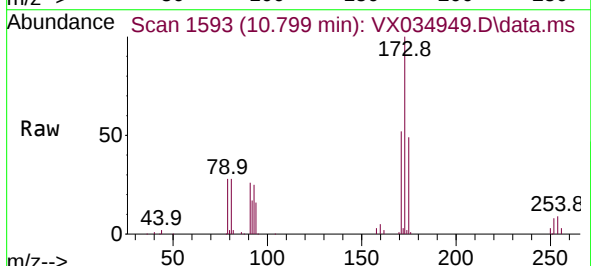
Manual Integrations
APPROVED

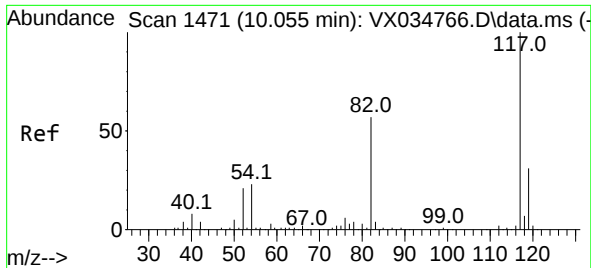
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
Bromoform
Concen: 18.703 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion:173 Resp: 42449
Ion Ratio Lower Upper
173 100
175 47.9 37.0 55.4
254 8.7 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: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tgt Ion: 117 Resp: 216719

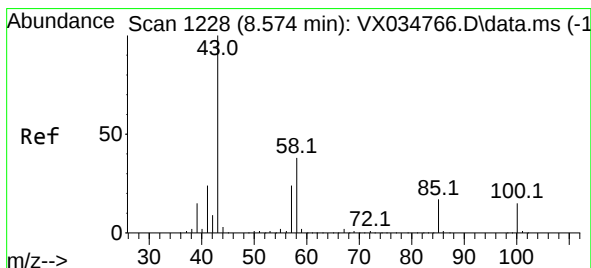
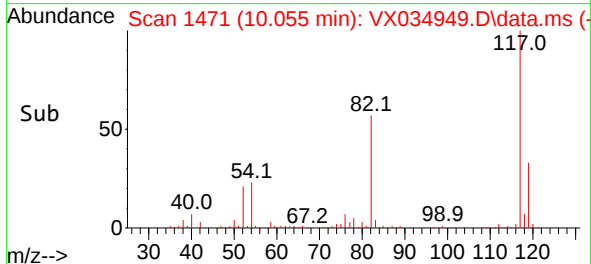
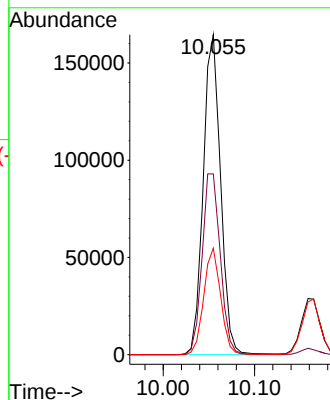
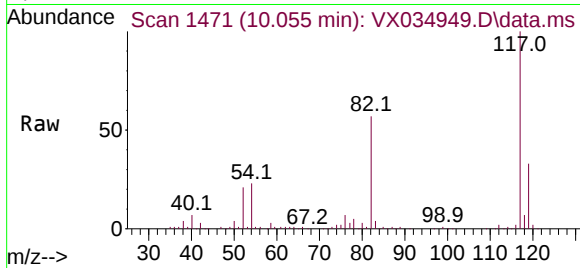
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.8	68.8
119	32.4	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#58

4-Methyl-2-Pentanone

Concen: 103.263 ug/l

RT: 8.573 min Scan# 1228

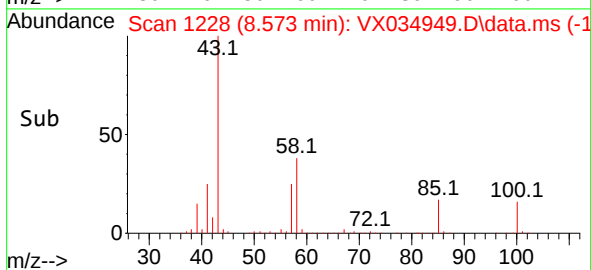
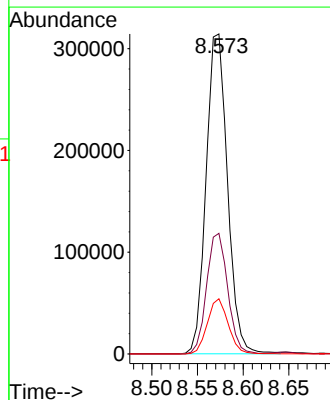
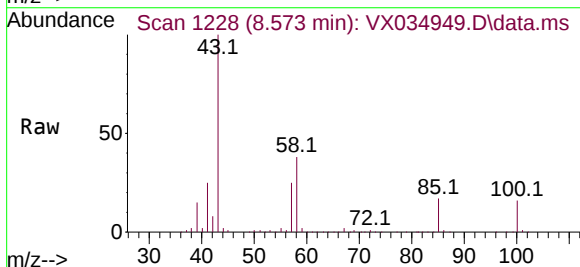
Delta R.T. -0.001 min

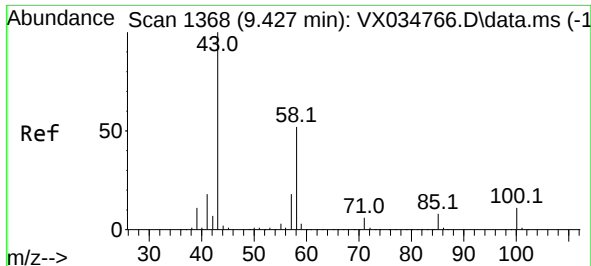
Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Tgt Ion: 43 Resp: 513102

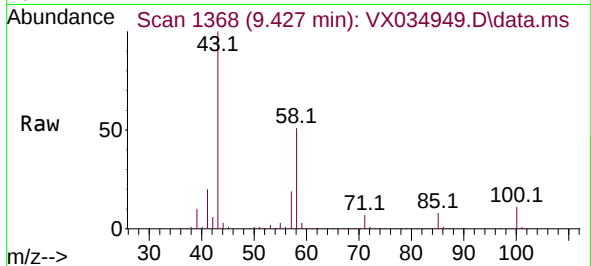
Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.9	44.9
85	16.9	13.2	19.8





#59
2-Hexanone
Concen: 105.338 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

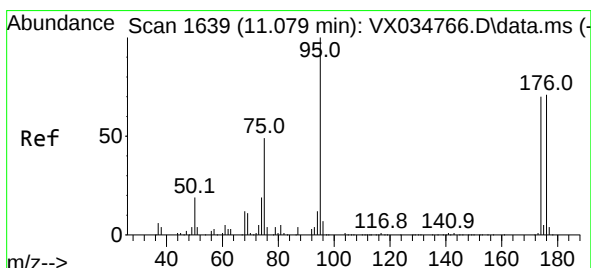
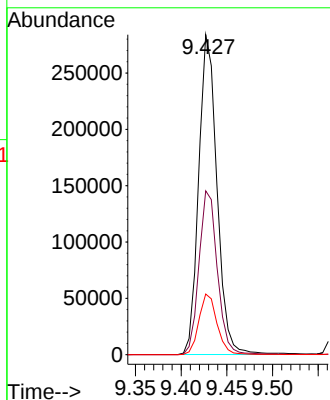
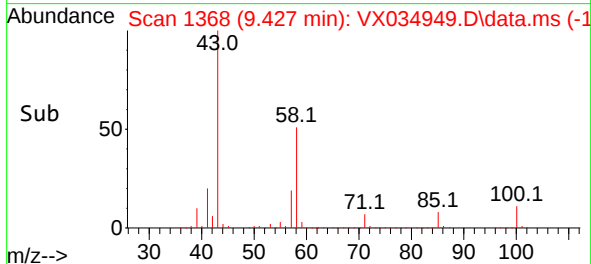
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 43 Resp: 394085
Ion Ratio Lower Upper
43 100
58 51.7 41.7 62.5
57 18.8 14.7 22.1

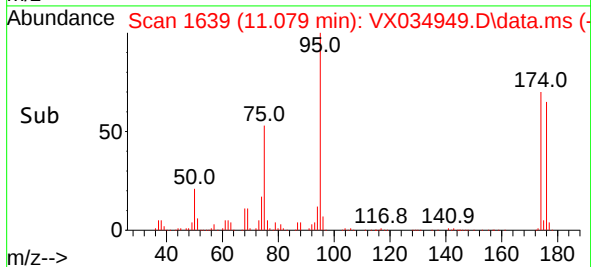
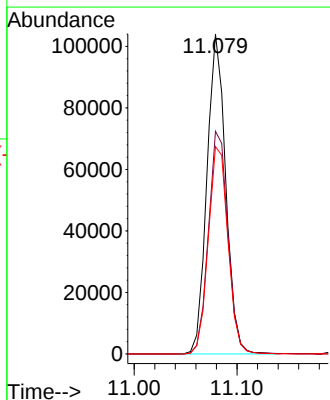
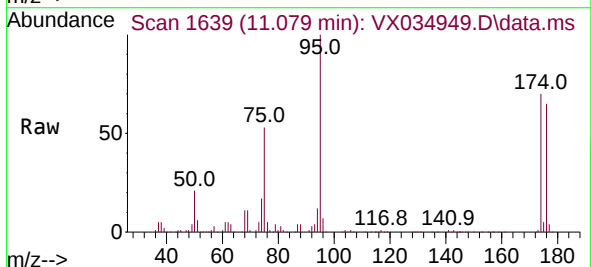
Manual Integrations
APPROVED

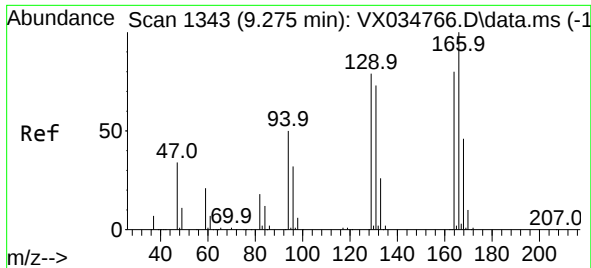
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
4-Bromofluorobenzene
Concen: 30.568 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

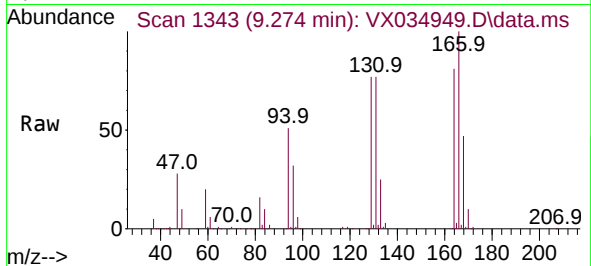
Tgt Ion: 95 Resp: 132371
Ion Ratio Lower Upper
95 100
174 72.2 0.2 0.4#
176 67.8 0.2 0.2#





#61
Tetrachloroethene
Concen: 19.999 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

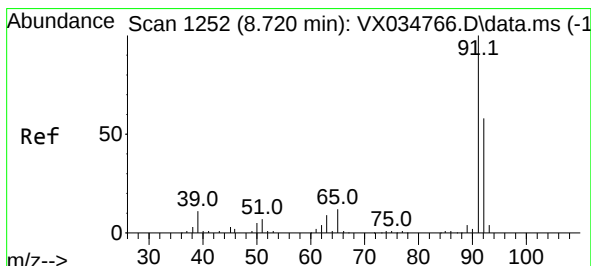
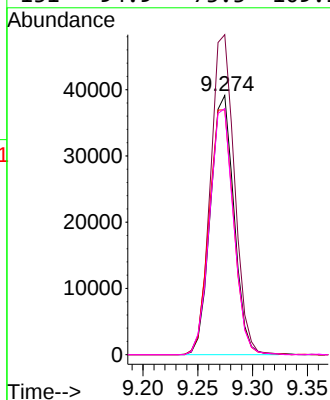
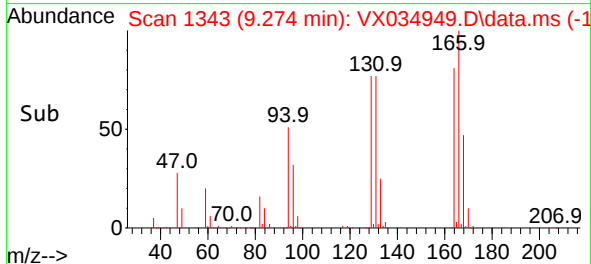
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:164 Resp: 58399
Ion Ratio Lower Upper
164 100
166 123.4 100.1 150.1
129 94.4 79.1 118.7
131 94.9 73.3 109.9

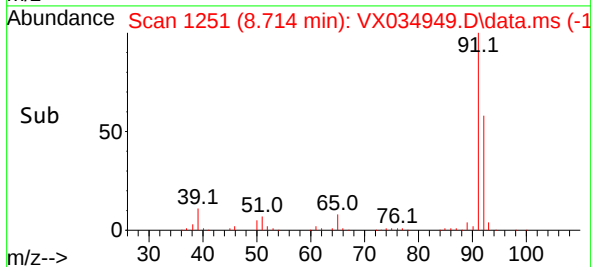
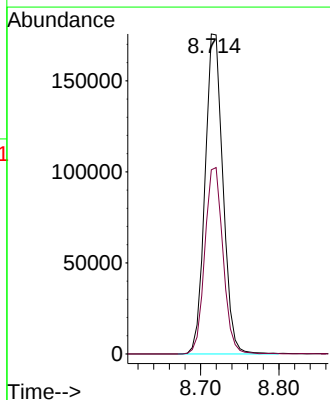
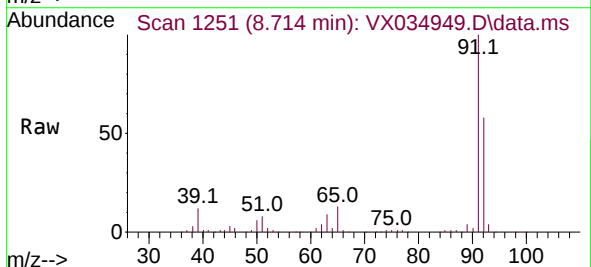
Manual Integrations
APPROVED

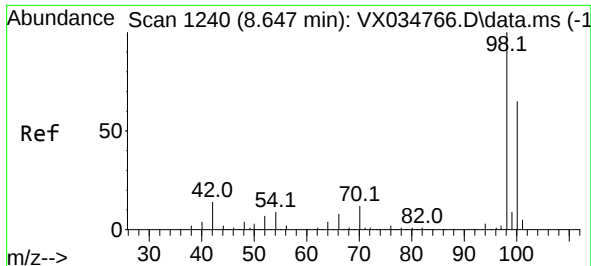
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Toluene
Concen: 19.671 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

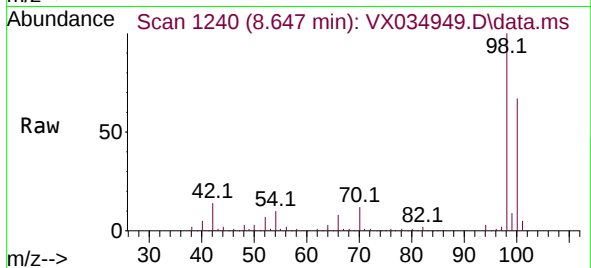
Tgt Ion: 91 Resp: 278748
Ion Ratio Lower Upper
91 100
92 59.0 46.5 69.7





#63
Toluene-d8
Concen: 29.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

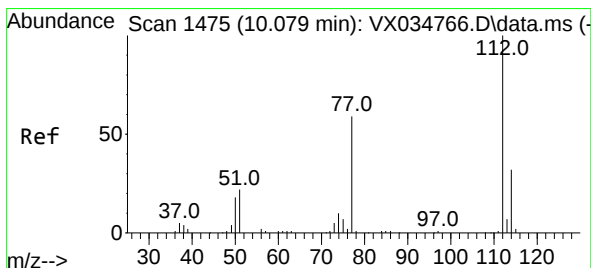
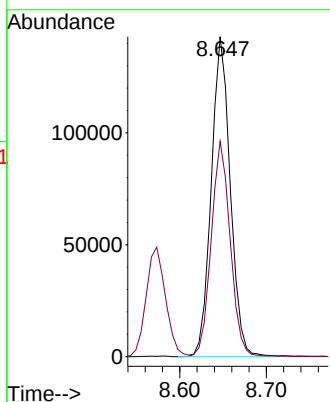
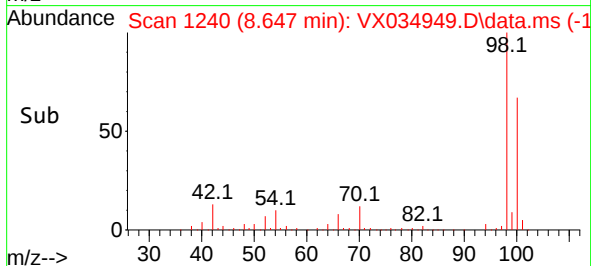
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 98 Resp: 21774
Ion Ratio Lower Upper
98 100
100 67.0 52.1 78.1

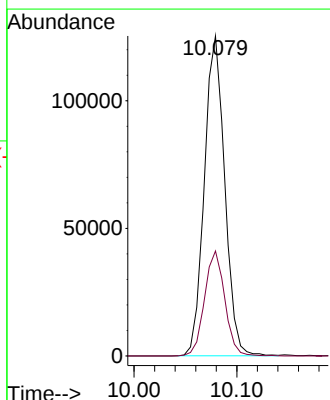
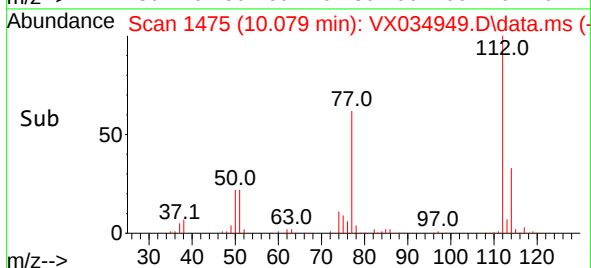
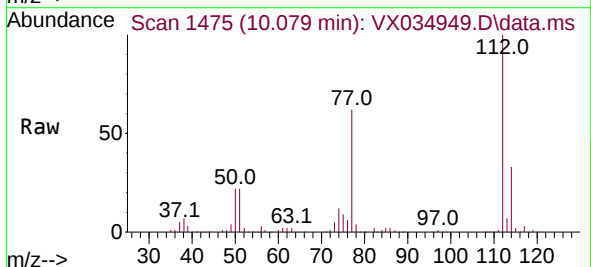
Manual Integrations
APPROVED

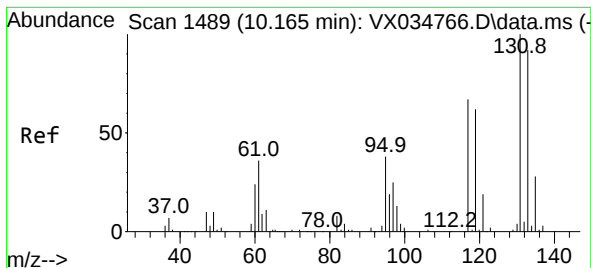
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
Chlorobenzene
Concen: 19.804 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion:112 Resp: 172821
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8





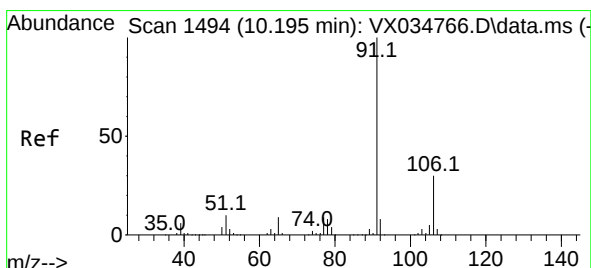
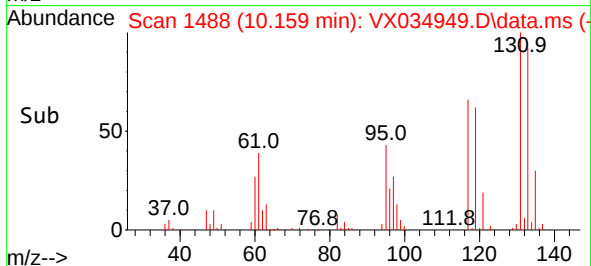
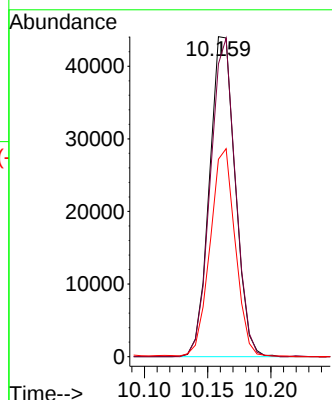
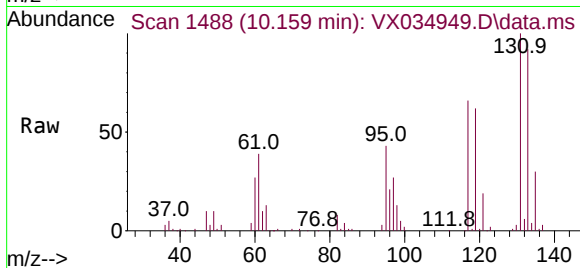
#65
1,1,1,2-Tetrachloroethane
Concen: 20.030 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion:131 Resp: 62480
Ion Ratio Lower Upper
131 100
133 96.8 0.0 186.6
119 63.4 0.0 128.6

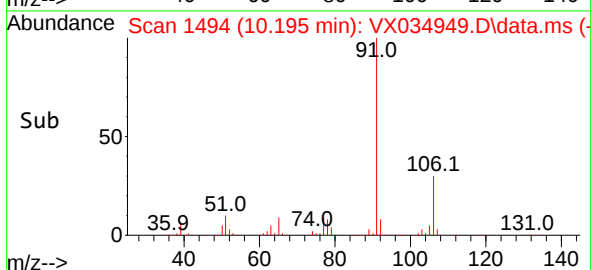
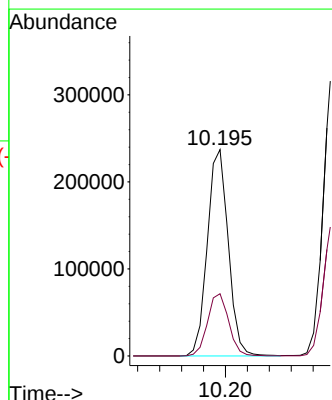
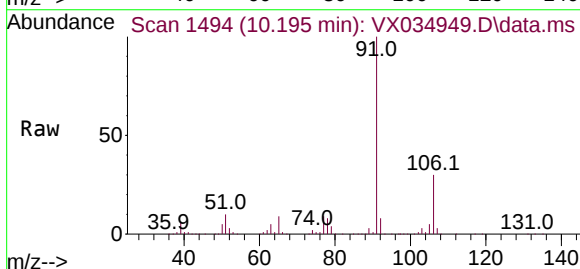
Manual Integrations
APPROVED

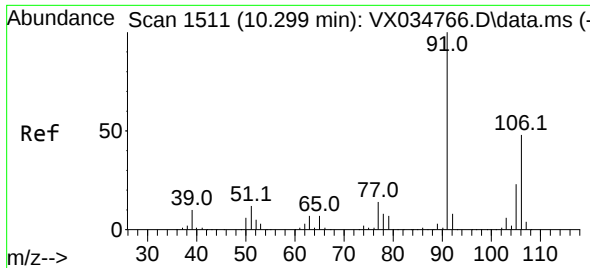
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Ethyl Benzene
Concen: 19.891 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 91 Resp: 313950
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6





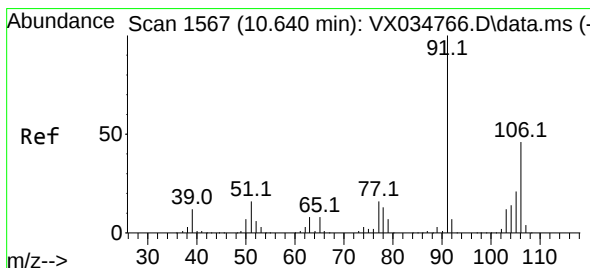
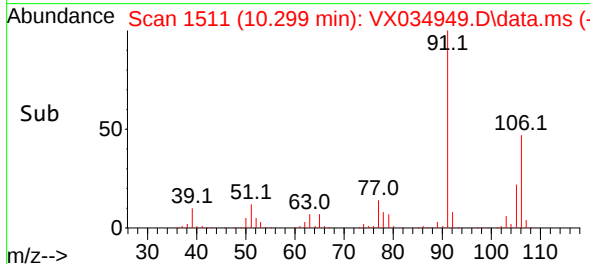
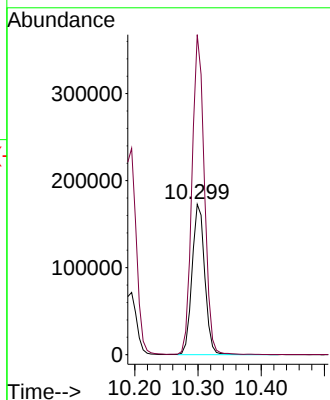
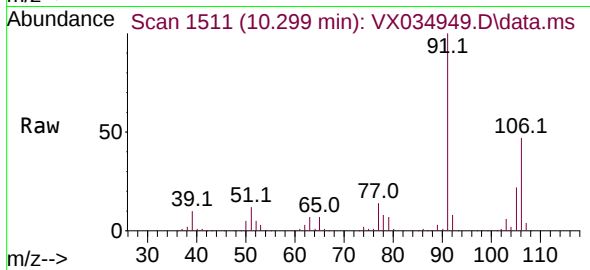
#67
m/p-Xylenes
Concen: 40.186 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion:106 Resp: 241330
Ion Ratio Lower Upper
106 100
91 207.8 167.4 251.2

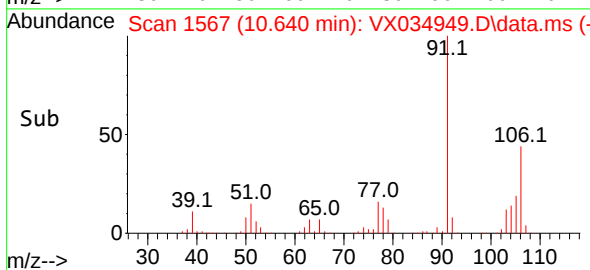
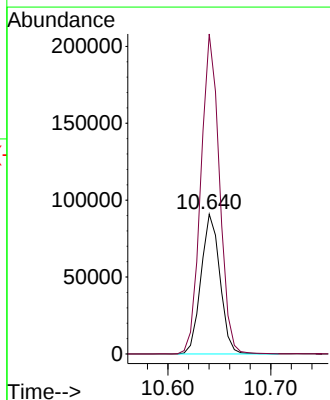
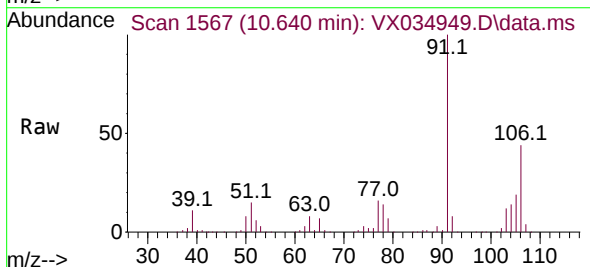
Manual Integrations
APPROVED

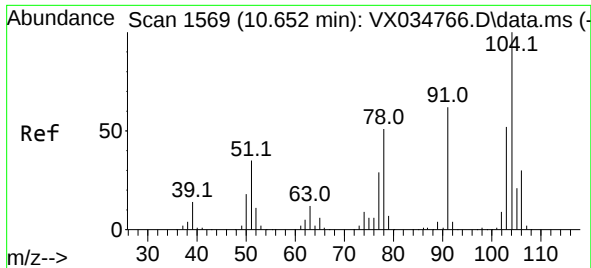
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#68
o-Xylene
Concen: 19.705 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion:106 Resp: 117027
Ion Ratio Lower Upper
106 100
91 224.7 108.9 326.8





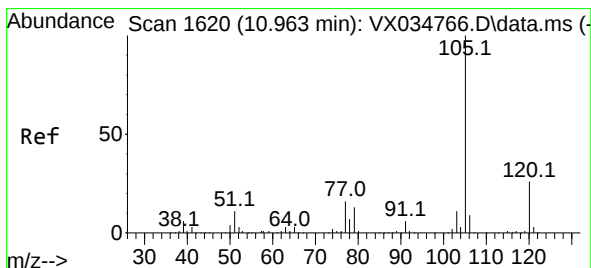
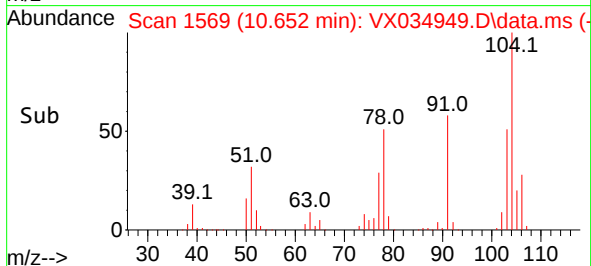
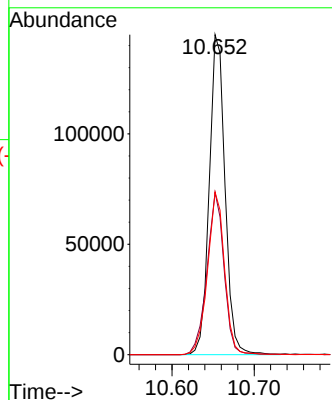
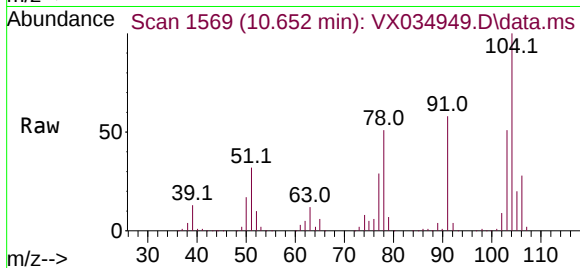
#69
Styrene
Concen: 19.771 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion:104 Resp: 19356
Ion Ratio Lower Upper
104 100
78 54.8 42.8 64.2
103 54.6 43.8 65.8

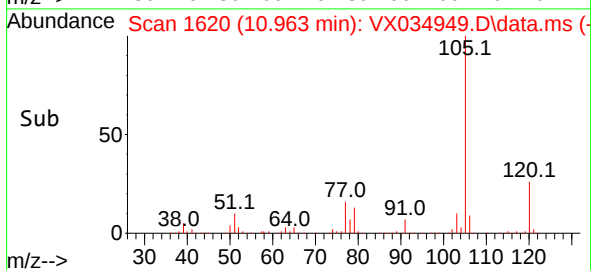
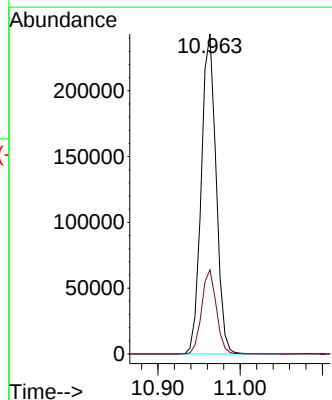
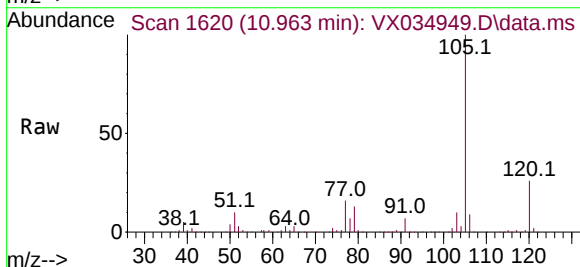
Manual Integrations
APPROVED

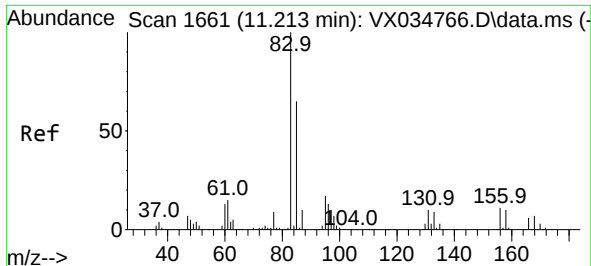
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
Isopropylbenzene
Concen: 19.830 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

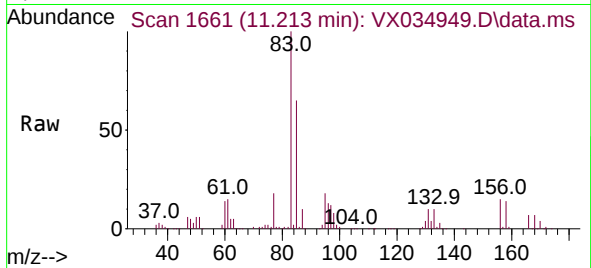
Tgt Ion:105 Resp: 304792
Ion Ratio Lower Upper
105 100
120 25.9 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.347 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

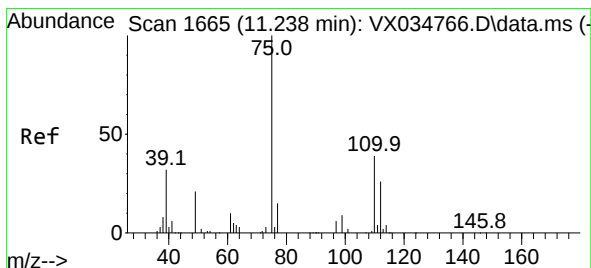
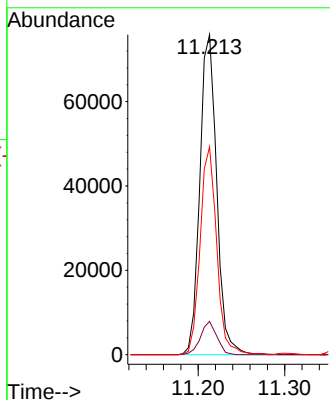
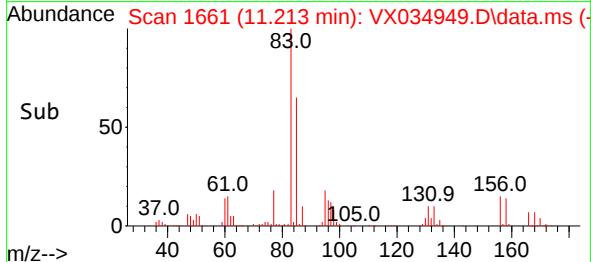
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



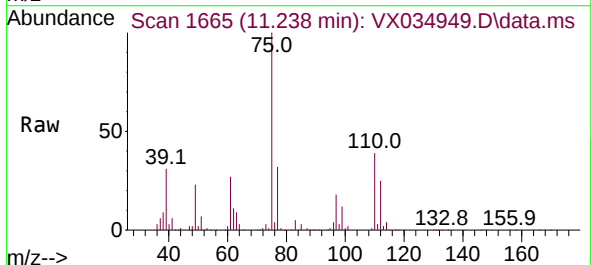
Tgt Ion: 83 Resp: 102790
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 63.8 31.9 95.5

Manual Integrations
APPROVED

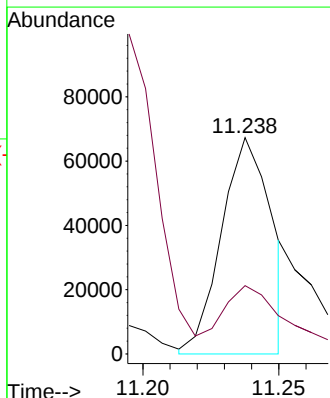
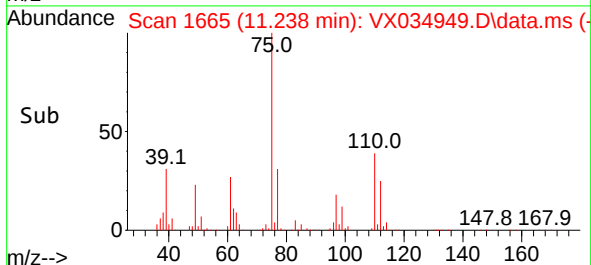
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

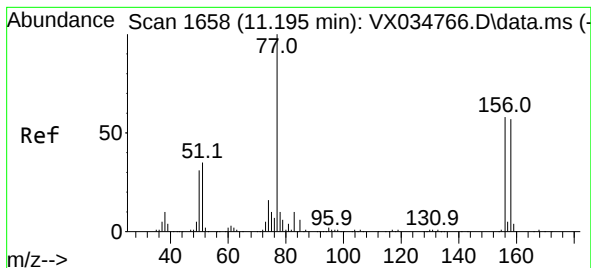


#72
1,2,3-Trichloropropane
Concen: 18.749 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



Tgt Ion: 75 Resp: 86228
Ion Ratio Lower Upper
75 100
77 41.2 0.0 73.8





#73

Bromobenzene

Concen: 19.698 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

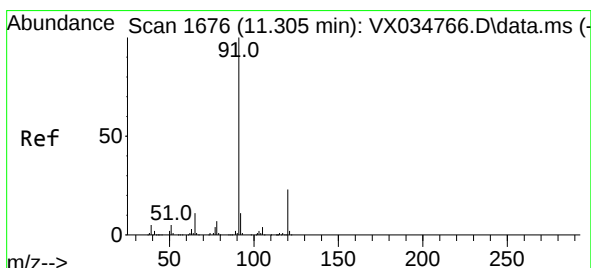
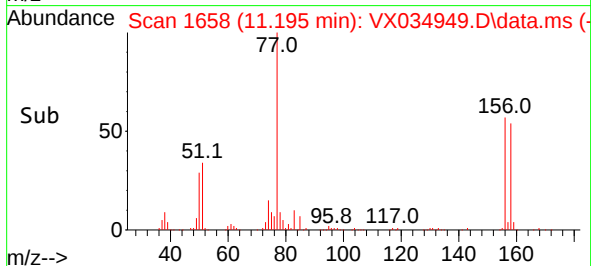
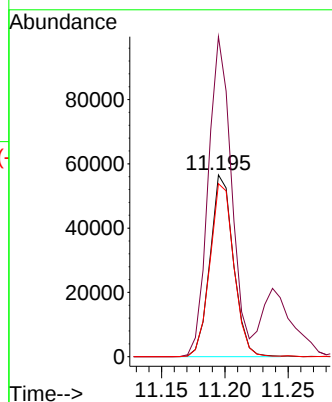
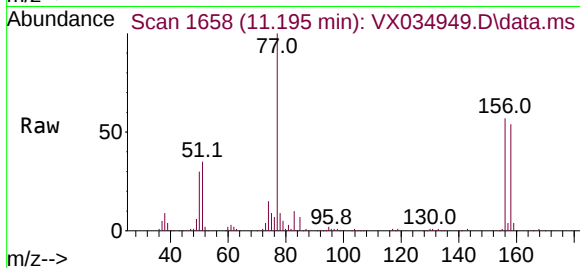
Tgt Ion:	156	Resp:	72710
Ion Ratio	Lower	Upper	
156	100		
77	174.8	0.0	330.8
158	96.8	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#74

n-propylbenzene

Concen: 19.411 ug/l

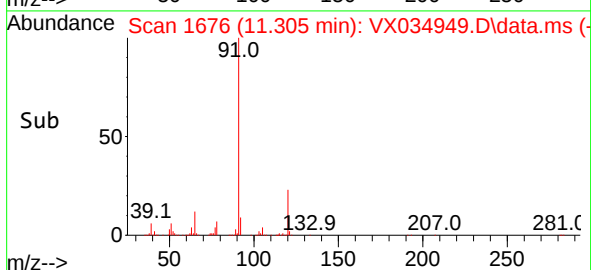
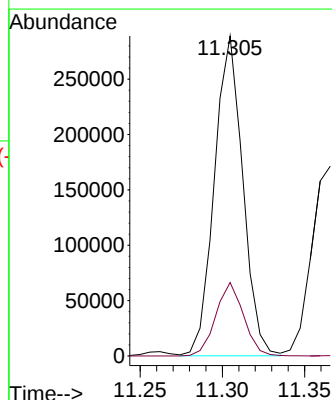
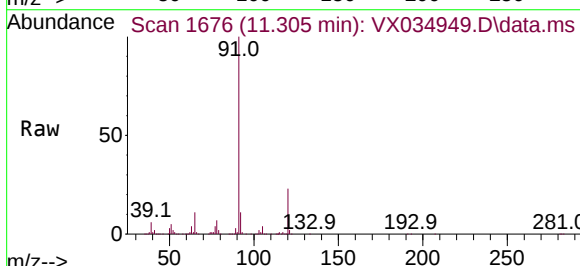
RT: 11.305 min Scan# 1676

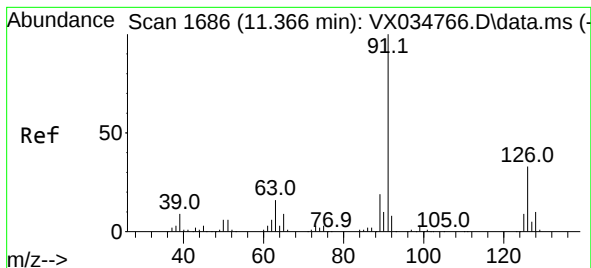
Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Tgt Ion:	91	Resp:	347321
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	44.8





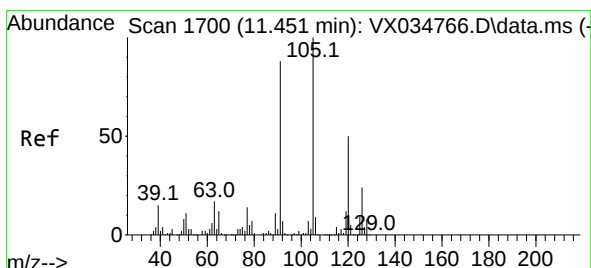
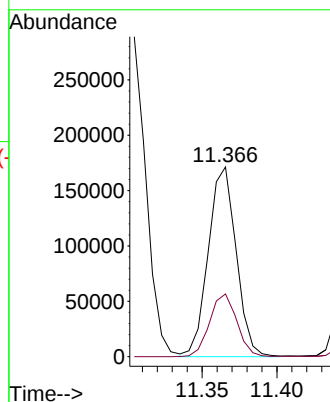
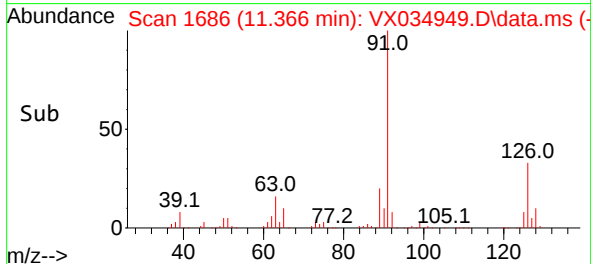
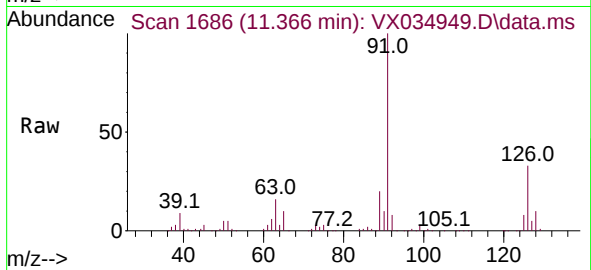
#75
2-Chlorotoluene
Concen: 19.943 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 91 Resp: 22245
Ion Ratio Lower Upper
91 100
126 32.3 0.0 66.4

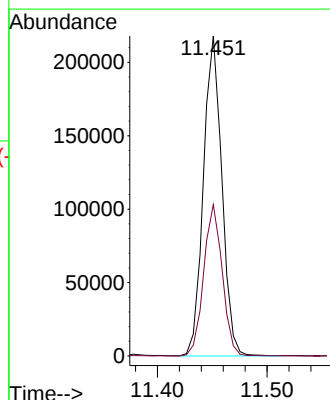
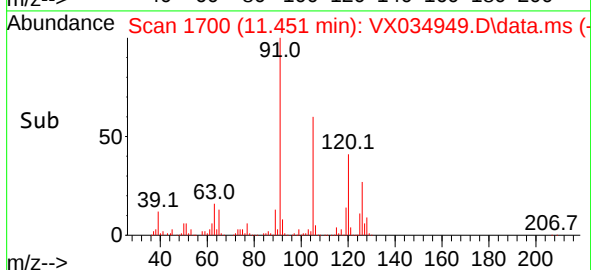
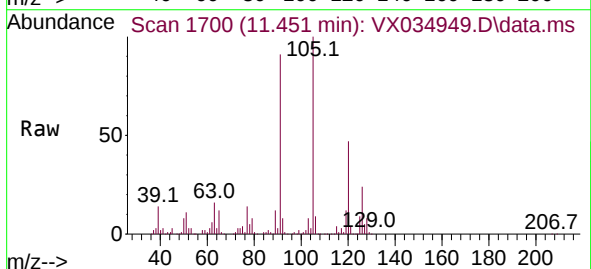
Manual Integrations
APPROVED

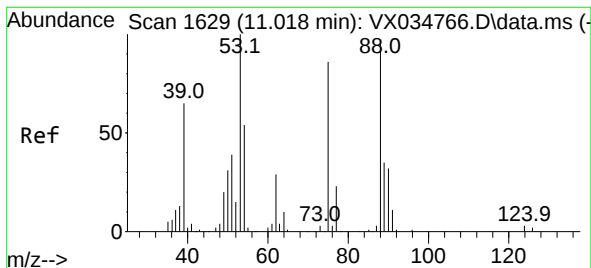
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.712 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion:105 Resp: 255041
Ion Ratio Lower Upper
105 100
120 47.3 0.0 96.4





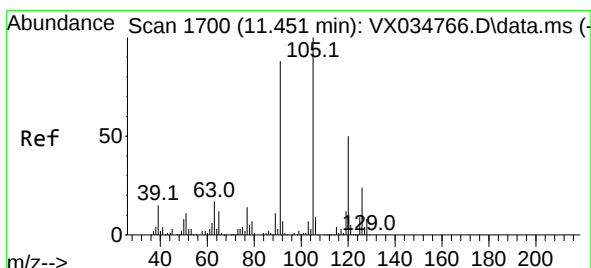
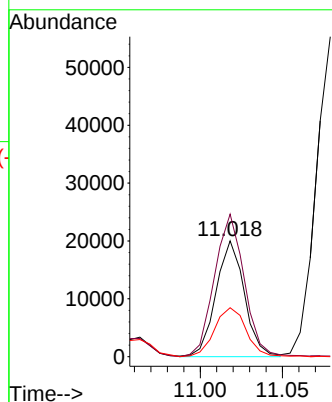
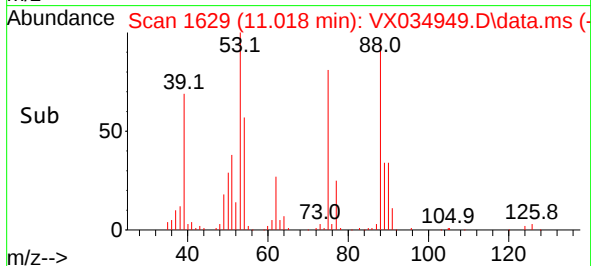
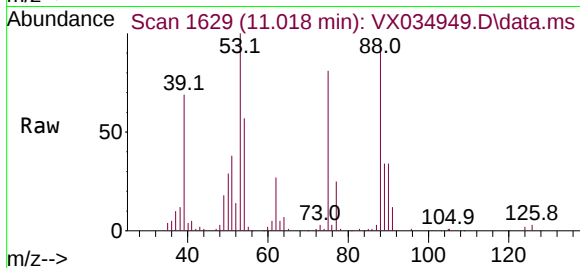
#77
t-1,4-Dichloro-2-butene
Concen: 17.092 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tgt Ion: 75 Resp: 24140
Ion Ratio Lower Upper
75 100
53 123.8 58.2 174.6
89 42.5 20.6 61.8

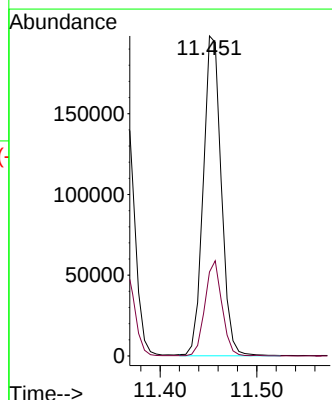
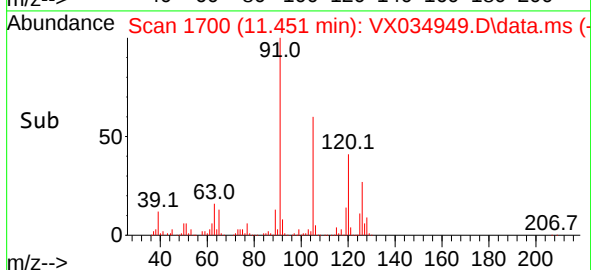
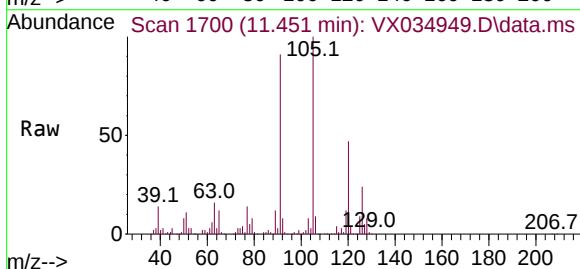
Manual Integrations
APPROVED

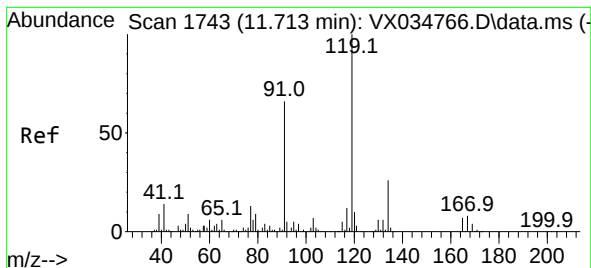
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
4-Chlorotoluene
Concen: 20.083 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 91 Resp: 256823
Ion Ratio Lower Upper
91 100
126 28.1 0.0 56.8





#79

tert-butylbenzene

Concen: 19.369 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

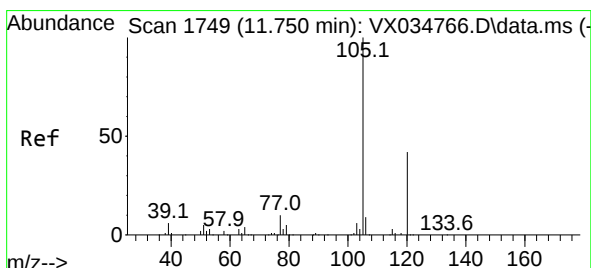
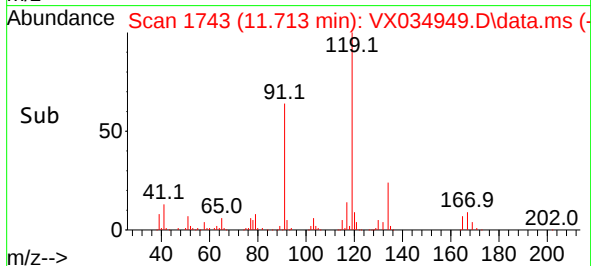
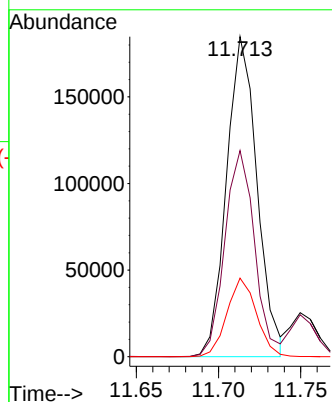
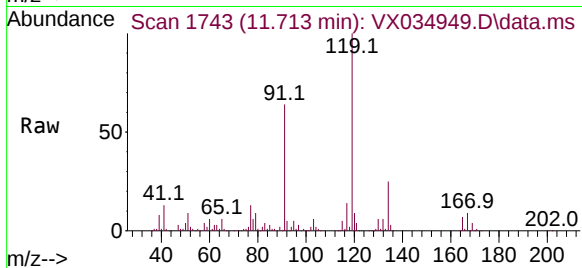
Tgt Ion:	119	Resp:	23922
Ion Ratio	Lower	Upper	
119	100		
91	62.9	0.0	122.4
134	23.8	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#80

1,2,4-Trimethylbenzene

Concen: 19.943 ug/l

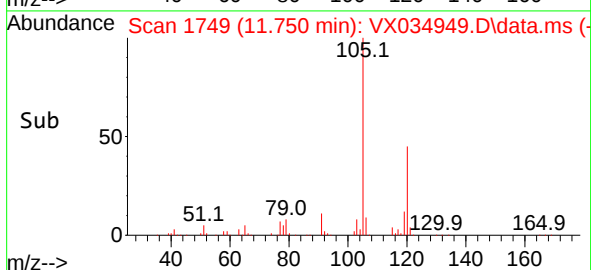
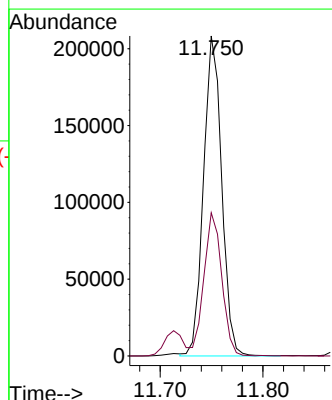
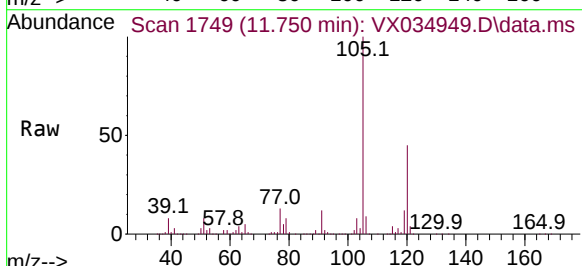
RT: 11.750 min Scan# 1749

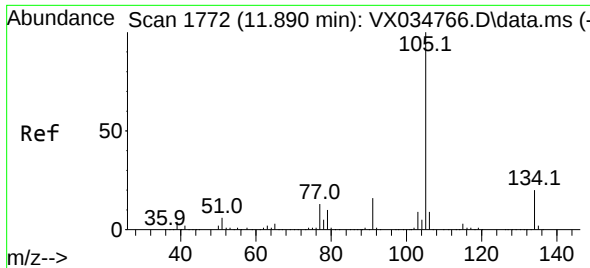
Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

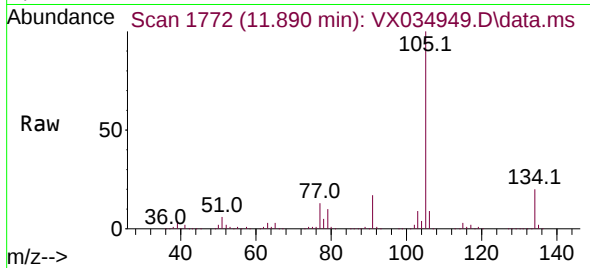
Tgt Ion:	105	Resp:	256416
Ion Ratio	Lower	Upper	
105	100		
120	44.4	0.0	90.4





#81
 sec-Butylbenzene
 Concen: 19.317 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08

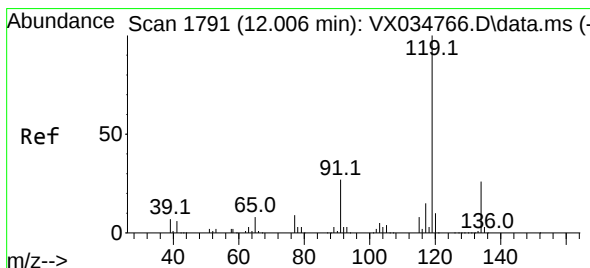
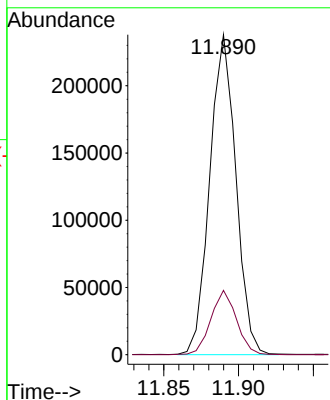
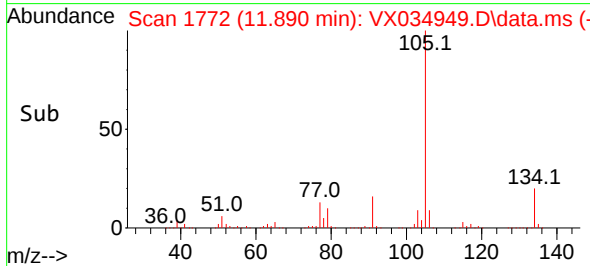
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01



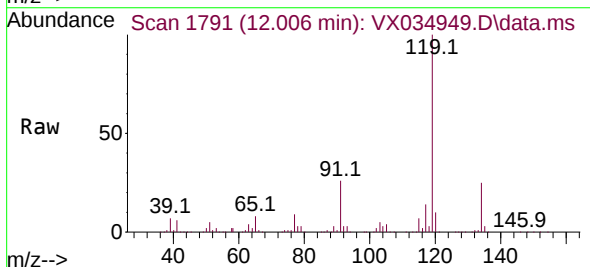
Tgt Ion:105 Resp: 289091
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.2

Manual Integrations
 APPROVED

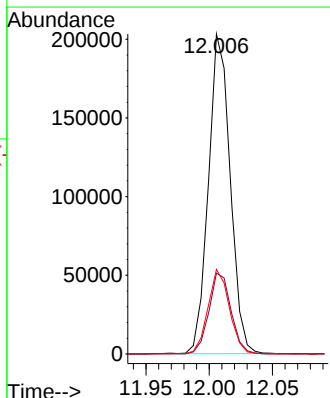
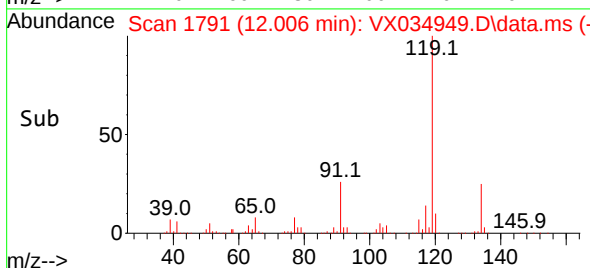
Reviewed By :John Carlone 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

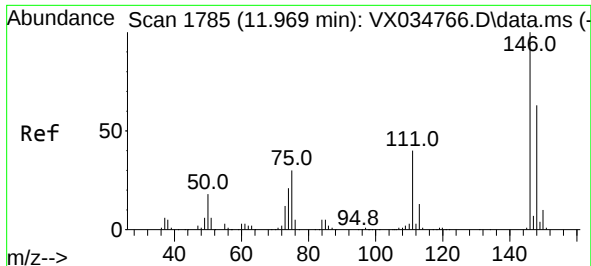


#82
 p-Isopropyltoluene
 Concen: 19.258 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034949.D
 Acq: 06 Apr 2023 10:08



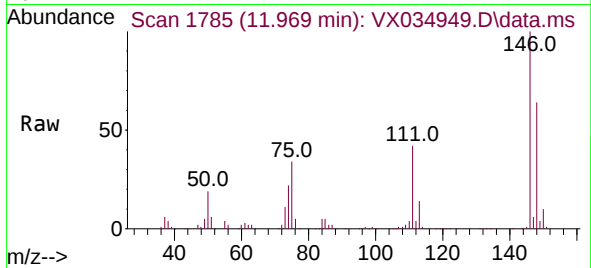
Tgt Ion:119 Resp: 243213
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 26.0 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.396 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

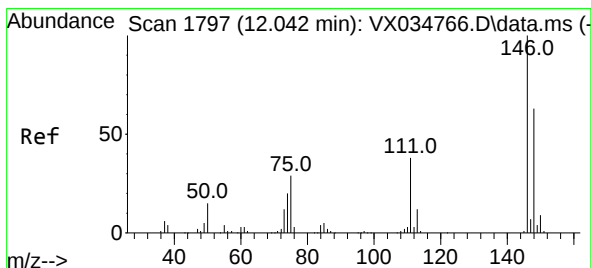
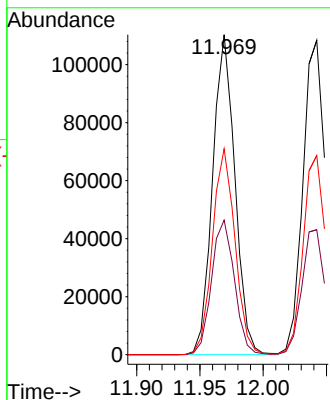
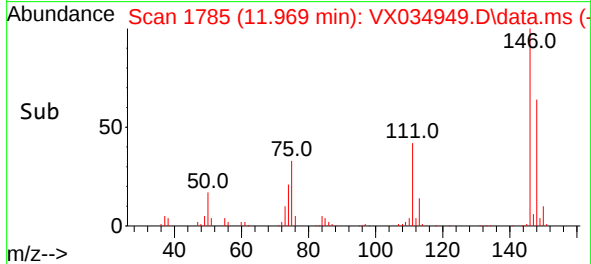
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



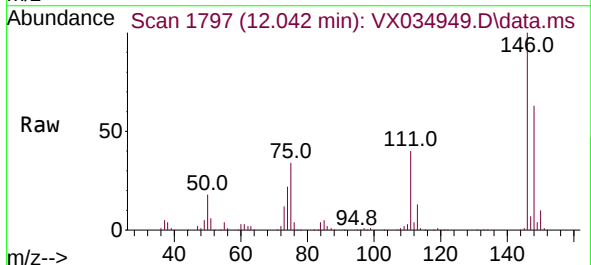
Tgt Ion:146 Resp: 13520
Ion Ratio Lower Upper
146 100
111 43.1 20.6 61.9
148 65.0 31.6 94.7

Manual Integrations
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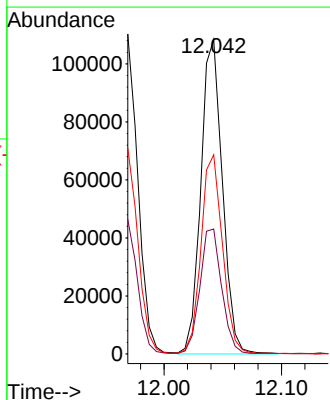
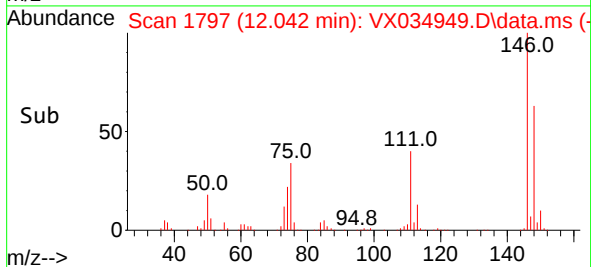
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

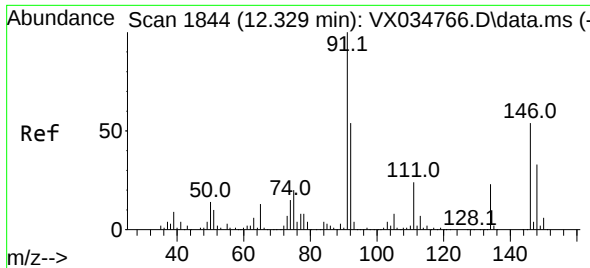


#84
1,4-Dichlorobenzene
Concen: 19.745 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



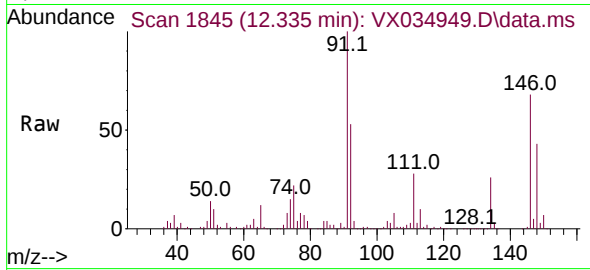
Tgt Ion:146 Resp: 138216
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.2 31.8 95.3





#85
n-Butylbenzene
Concen: 19.251 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

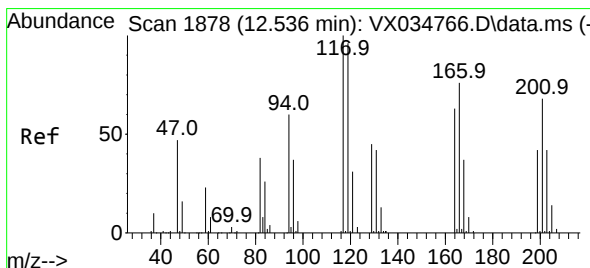
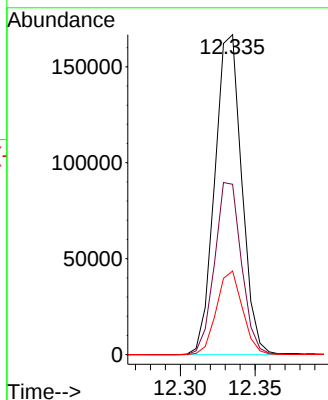
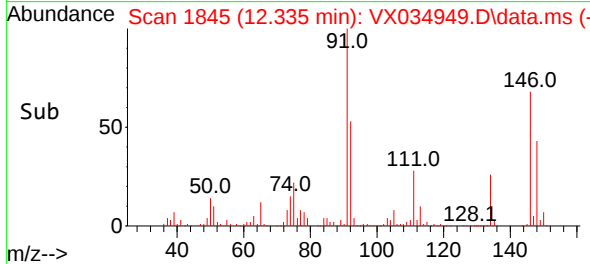
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion: 91 Resp: 20953
Ion Ratio Lower Upper
91 100
92 53.7 0.0 107.6
134 25.2 0.0 49.8

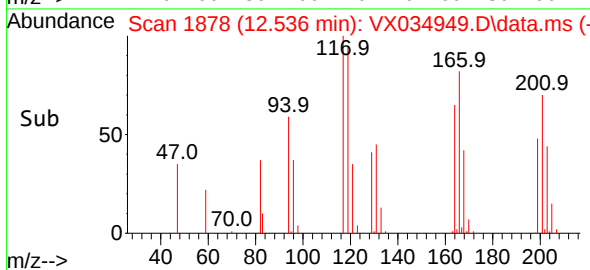
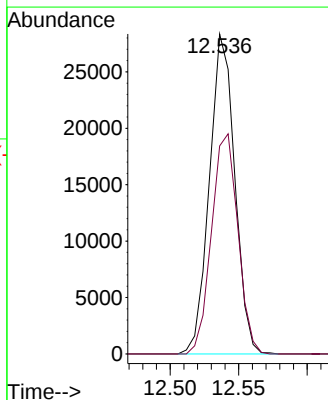
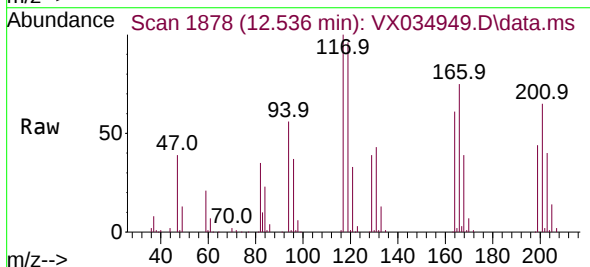
Manual Integrations
APPROVED

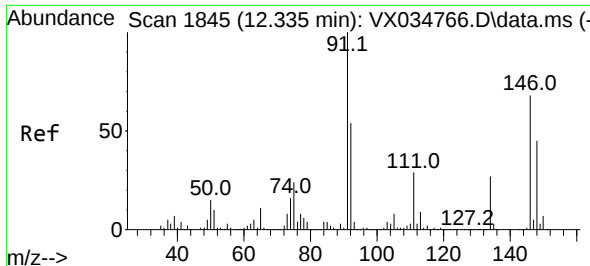
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
Hexachloroethane
Concen: 17.623 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

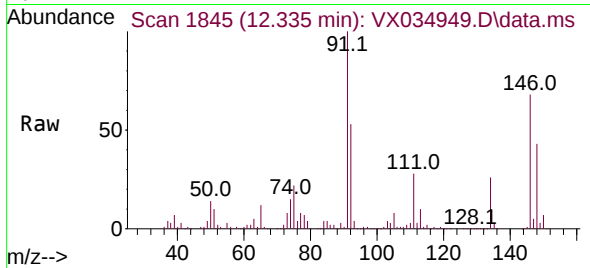
Tgt Ion:117 Resp: 36453
Ion Ratio Lower Upper
117 100
201 71.5 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.267 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

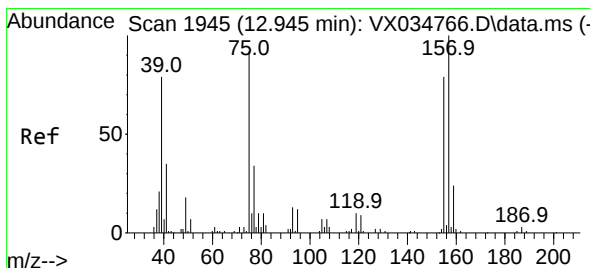
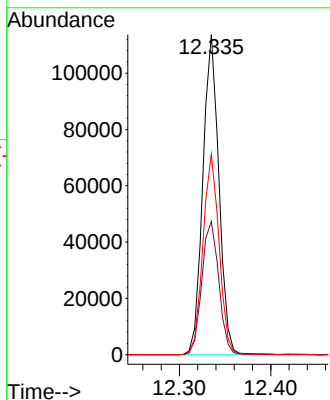
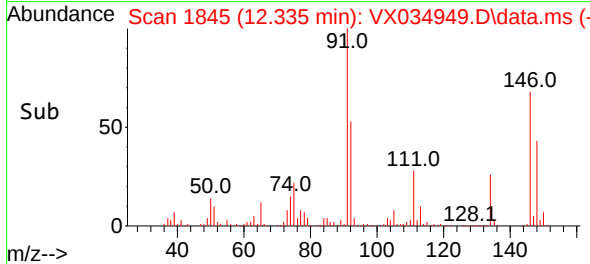
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



Tgt Ion:146 Resp: 138240
Ion Ratio Lower Upper
146 100
111 44.0 21.3 64.0
148 62.9 31.7 95.1

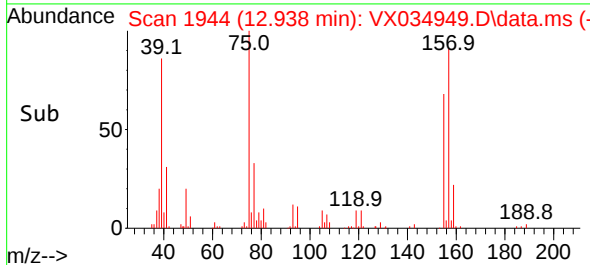
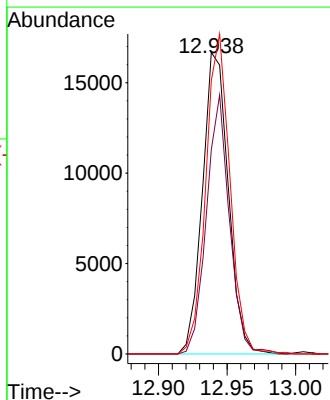
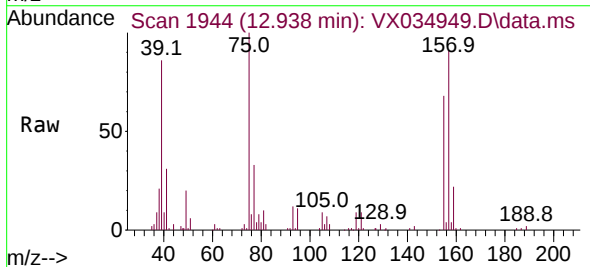
Manual Integrations
APPROVED

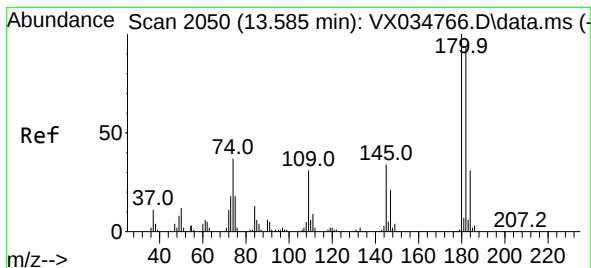
Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.861 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

Tgt Ion: 75 Resp: 21928
Ion Ratio Lower Upper
75 100
155 75.2 63.7 95.5
157 98.5 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 19.339 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

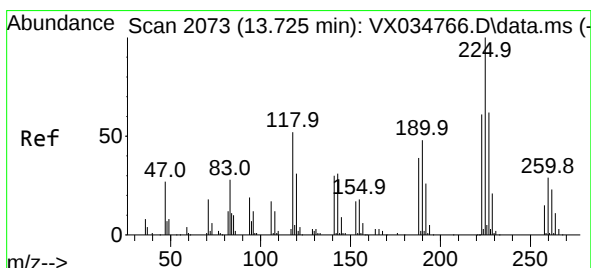
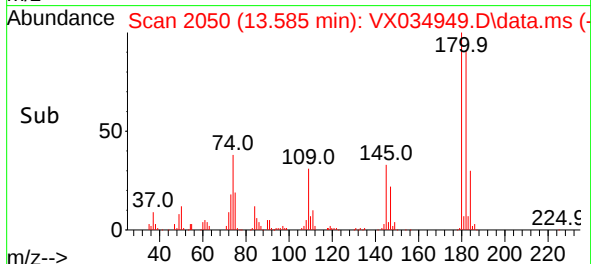
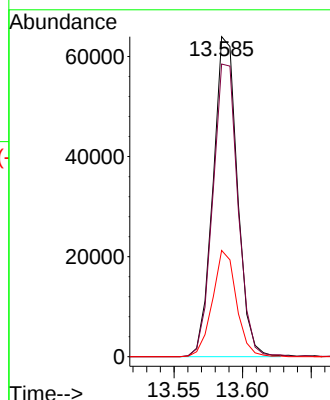
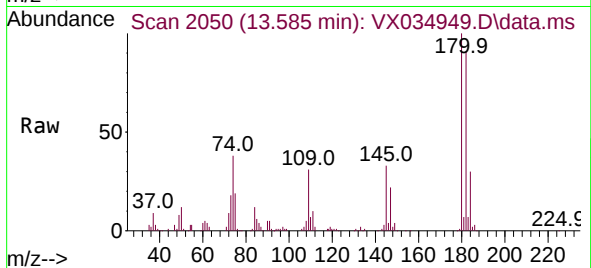
Tgt Ion:180	Resp:	7913
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.8 113.8
145	32.7	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#90

Hexachlorobutadiene

Concen: 21.519 ug/l

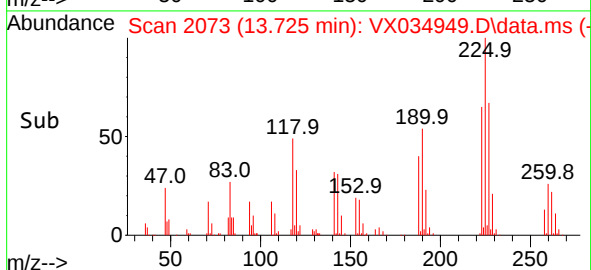
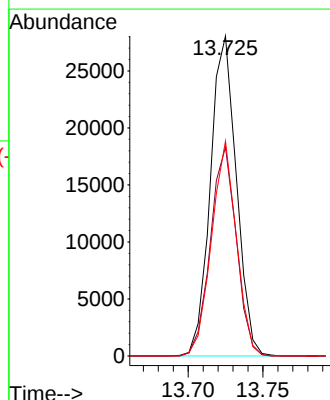
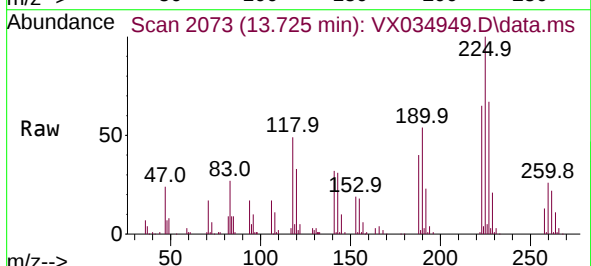
RT: 13.725 min Scan# 2073

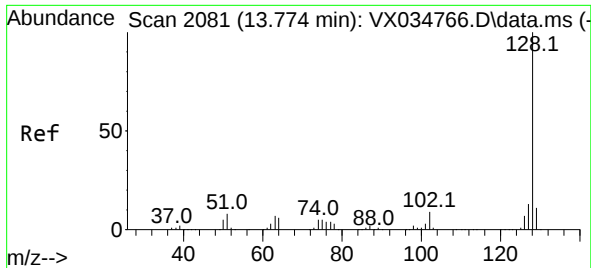
Delta R.T. -0.000 min

Lab File: VX034949.D

Acq: 06 Apr 2023 10:08

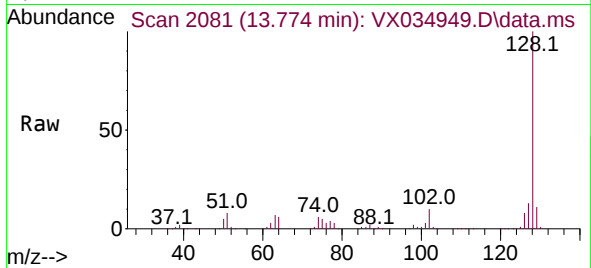
Tgt Ion:225	Resp:	33958
Ion Ratio	Lower	Upper
225	100	
223	65.0	0.0 124.2
227	64.2	0.0 122.8





#91
Naphthalene
Concen: 19.730 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08

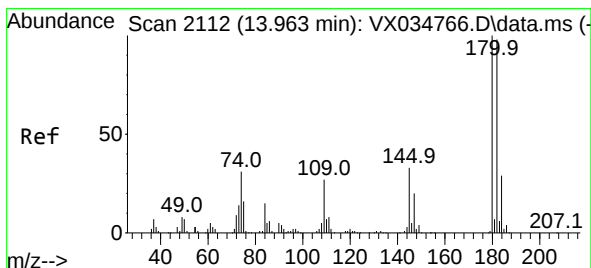
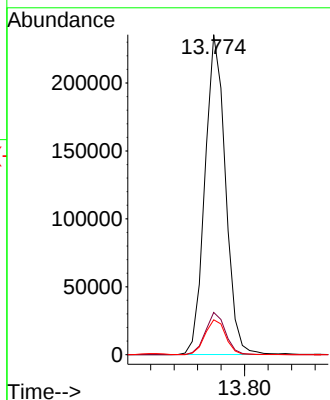
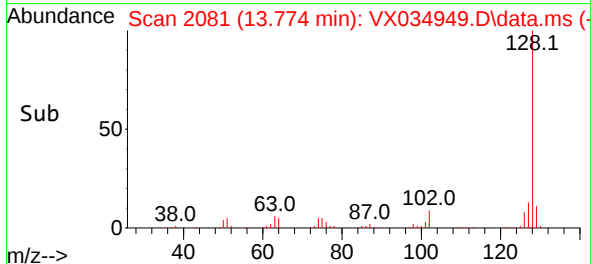
Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01



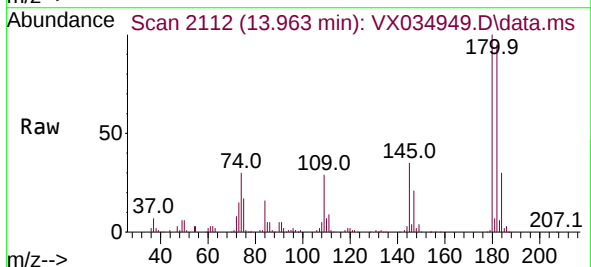
Tgt Ion:128 Resp: 28524
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.812 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034949.D
Acq: 06 Apr 2023 10:08



Tgt Ion:180 Resp: 81042
Ion Ratio Lower Upper
180 100
182 95.4 0.0 191.0
145 36.0 0.0 66.8

