

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034867.D
 Acq On : 31 Mar 2023 10:46
 Operator : JC/MD
 Sample : VX0331WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 05:32:01 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	24150	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	168817	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	183498	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71796	30.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.133%	
60) 4-Bromofluorobenzene	11.079	95	106600	29.073	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.900%	
63) Toluene-d8	8.647	98	187625	30.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	52295	22.831	ug/l	99
3) Chloromethane	1.294	50	63417	21.352	ug/l	99
4) Vinyl Chloride	1.374	62	62090	21.189	ug/l	95
5) Bromomethane	1.617	94	42956	22.287	ug/l	100
6) Chloroethane	1.691	64	40379	21.174	ug/l	97
7) Trichlorofluoromethane	1.892	101	102872	22.039	ug/l	97
8) Diethyl Ether	2.130	74	34742	20.675	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	52571	22.200	ug/l	99
10) 1,1-Dichloroethene	2.319	96	50008	20.862	ug/l	100
11) Methyl Iodide	2.453	142	61938	20.290	ug/l	97
12) Methyl Acetate	2.703	43	108476	20.434	ug/l	99
13) Acrolein	2.239	56	57330	93.130	ug/l	98
14) Acrylonitrile	3.062	53	147138	100.657	ug/l	98
15) Acetone	2.392	58	44988	113.362	ug/l	94
16) Carbon Disulfide	2.514	76	119823	19.542	ug/l	100
17) Allyl chloride	2.666	41	94733	20.423	ug/l	99
18) Methylene Chloride	2.788	84	57240	20.271	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	53814	20.516	ug/l	94
20) Diisopropyl ether	3.757	45	198334	20.870	ug/l	99
21) 1,1-Dichloroethane	3.611	63	104949	20.653	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	63915	20.921	ug/l	99
23) tert-Butyl Alcohol	3.001	59	64500m	98.070	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	181723	20.401	ug/l	97
25) Chloroform	5.086	83	107571	20.813	ug/l	97
26) Cyclohexane	5.470	56	93549	21.009	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	81281	20.934	ug/l	98
30) 2-Butanone	4.562	43	224055	103.472	ug/l	100
31) 2,2-Dichloropropane	4.477	77	81271	20.640	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	89402	19.627	ug/l	98
33) Carbon Tetrachloride	5.678	117	75700	20.136	ug/l	96
34) Benzene	6.037	78	229394	20.330	ug/l	97
35) Methacrylonitrile	4.916	41	47295	19.956	ug/l	99
36) 1,2-Dichloroethane	6.086	62	91152	20.604	ug/l	98
37) Trichloroethene	7.123	130	58936	20.523	ug/l	91
38) Methylcyclohexane	7.379	83	86795	20.460	ug/l	99
39) 1,2-Dichloropropane	7.427	63	60070	20.481	ug/l	97
40) Dibromomethane	7.580	93	40177	19.941	ug/l	98
41) Bromodichloromethane	7.824	83	75727	19.954	ug/l #	98
42) Vinyl Acetate	3.721	43	721282	102.104	ug/l	99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	83962	19.993	ug/l	99
44) Isopropyl Acetate	6.336	43	138806	19.525	ug/l	99
45) 1,4-Dioxane	7.708	88	28652	406.798	ug/l	97
46) Methyl methacrylate	7.690	41	68652	19.819	ug/l	98
47) n-amyl Acetate	10.841	43	119676	19.363	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	79714	19.278	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	89124	19.619	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	57035	20.320	ug/l	97
51) Ethyl methacrylate	9.116	69	87640	19.238	ug/l	98
52) 1,3-Dichloropropane	9.305	76	101243	20.419	ug/l	100
53) Dibromochloromethane	9.519	129	53415	19.236	ug/l	98
54) 1,2-Dibromoethane	9.610	107	60366	20.106	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	236729	98.744	ug/l	99
56) Bromoform	10.799	173	33509	17.502	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	426119	101.283	ug/l	100
59) 2-Hexanone	9.427	43	328517	103.709	ug/l	99
61) Tetrachloroethene	9.275	164	50721	20.514	ug/l	96
62) Toluene	8.720	91	247484	20.626	ug/l	99
64) Chlorobenzene	10.079	112	151421	20.493	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	51751	19.592	ug/l	97
66) Ethyl Benzene	10.195	91	279045	20.881	ug/l	98
67) m/p-Xylenes	10.299	106	210060	41.311	ug/l	100
68) o-Xylene	10.640	106	102339	20.352	ug/l	97
69) Styrene	10.652	104	165632	19.980	ug/l	100
70) Isopropylbenzene	10.963	105	265019	20.364	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	86659	20.258	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	71528m	18.369	ug/l	
73) Bromobenzene	11.201	156	63365	20.274	ug/l	97
74) n-propylbenzene	11.305	91	311336	20.550	ug/l	100
75) 2-Chlorotoluene	11.366	91	193281	20.465	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	220737	20.149	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	19889	16.631	ug/l	89
78) 4-Chlorotoluene	11.457	91	220773	20.390	ug/l	100
79) tert-butylbenzene	11.713	119	207787	19.869	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	219754	20.186	ug/l	100
81) sec-Butylbenzene	11.890	105	253872	20.034	ug/l	100
82) p-Isopropyltoluene	12.006	119	213078	19.926	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	118709	20.113	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	121823	20.553	ug/l	99
85) n-Butylbenzene	12.329	91	185575	20.136	ug/l	100
86) Hexachloroethane	12.536	117	31664	18.079	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	119047	20.613	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	16805	17.977	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	67798	19.569	ug/l	98
90) Hexachlorobutadiene	13.725	225	26855	20.099	ug/l	92
91) Naphthalene	13.774	128	241813	19.755	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	69287	20.005	ug/l	99

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

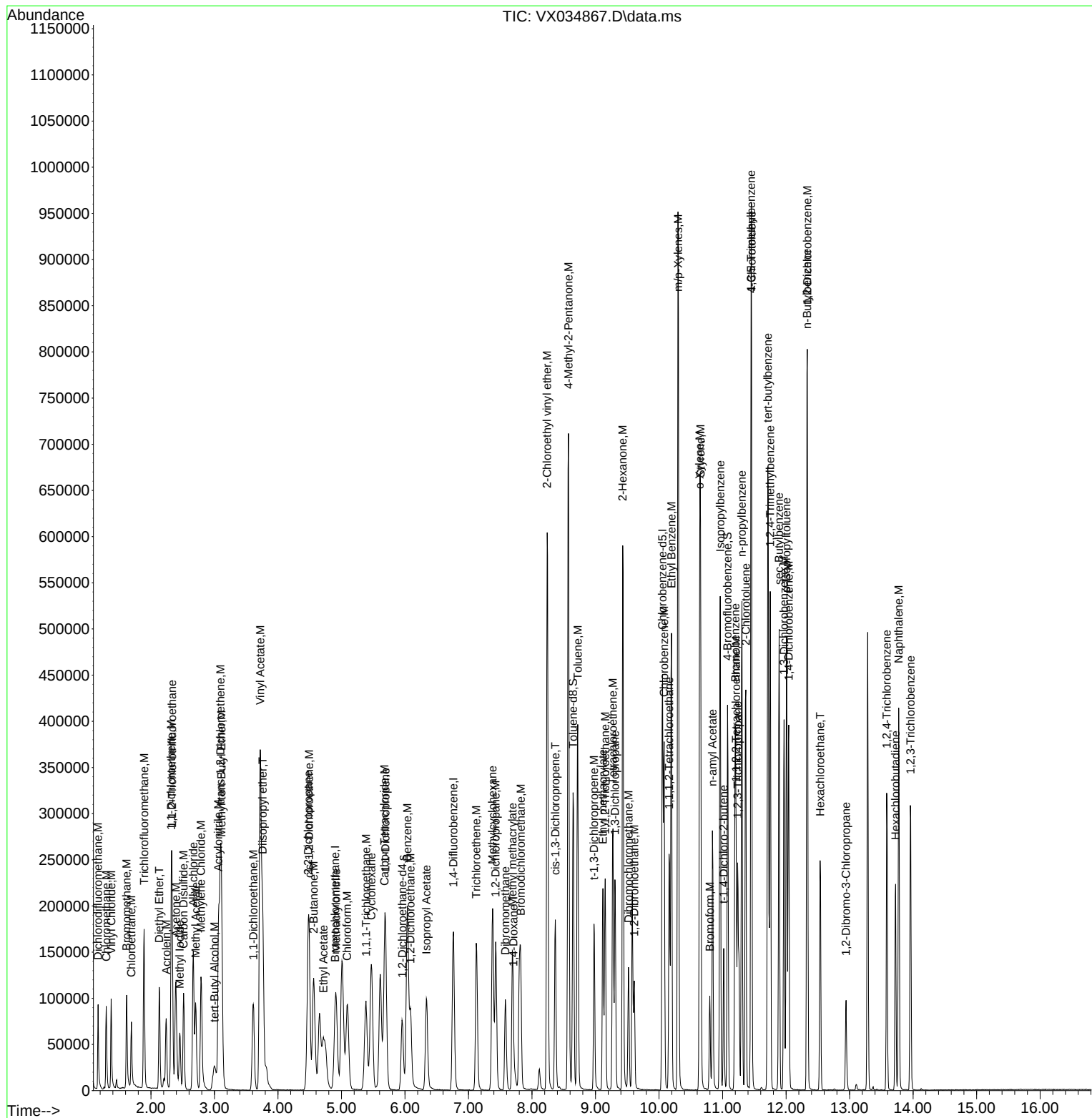
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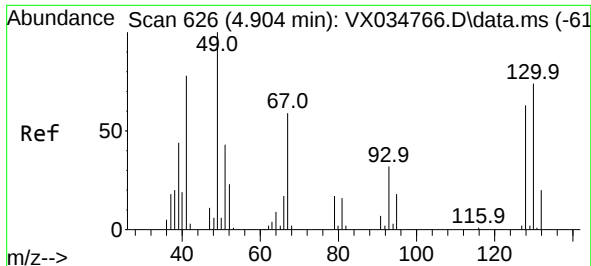
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MSVOA_X
ClientSampleId :
VX0331WBSD01

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 04/03/2023

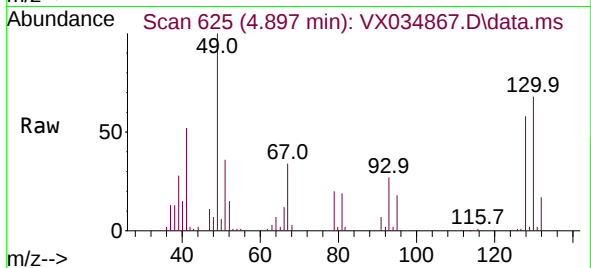
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 28 09:11:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

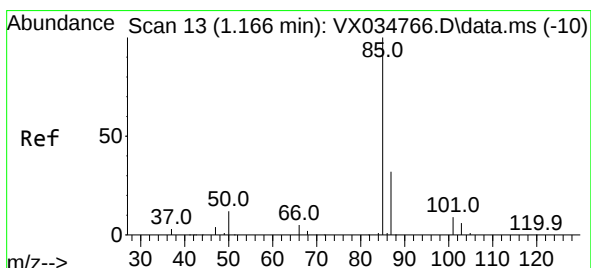
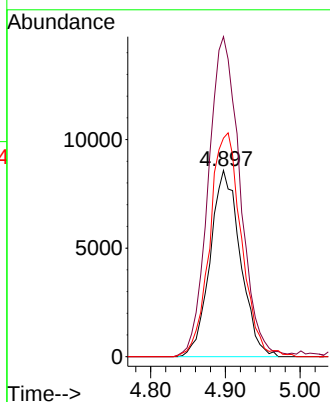
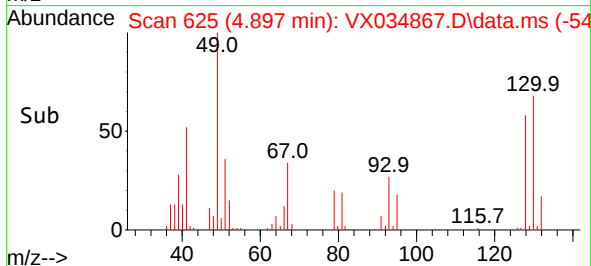
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:128 Resp: 24150
Ion Ratio Lower Upper
128 100
49 180.0 0.0 428.8
130 124.6 0.0 310.8

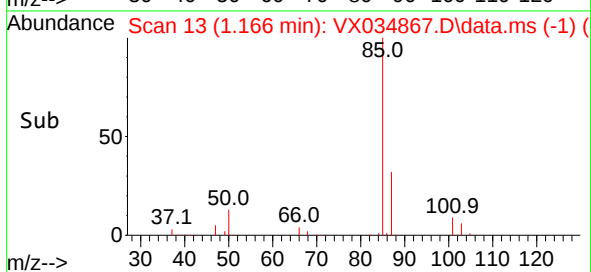
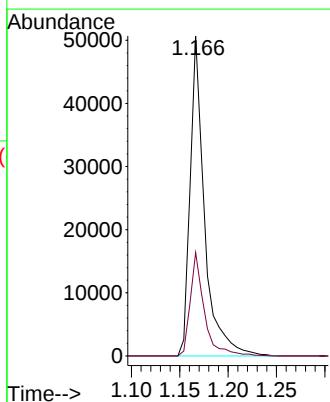
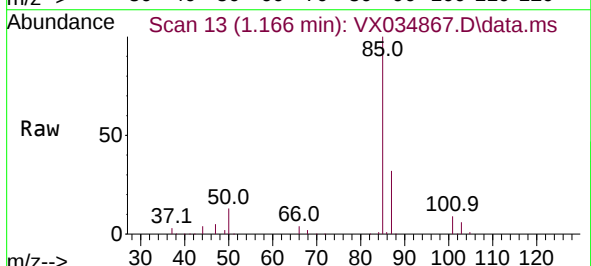
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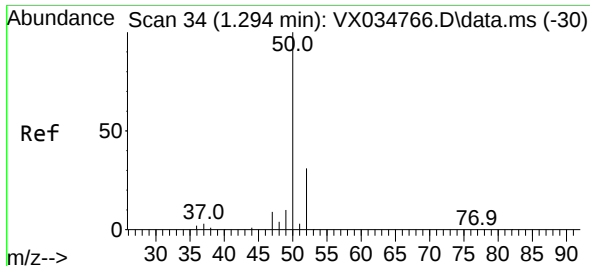
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 22.831 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

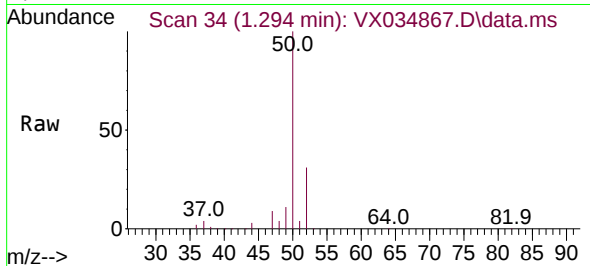
Tgt Ion: 85 Resp: 52295
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





#3
Chloromethane
Concen: 21.352 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

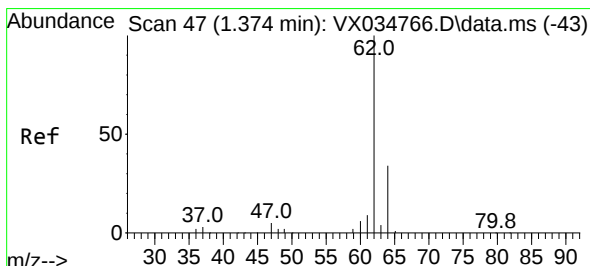
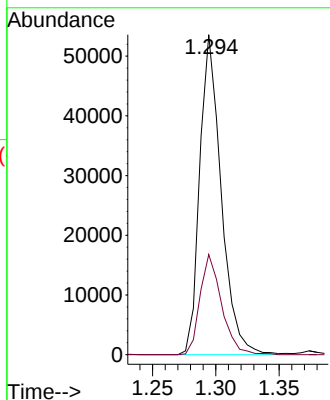
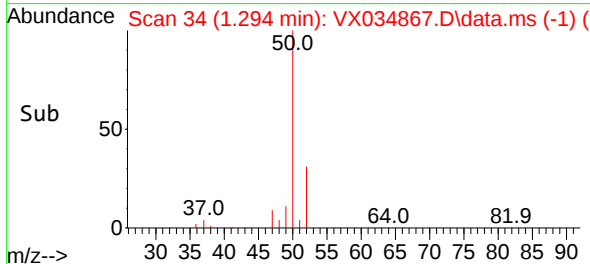
Instrument :
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ClientSampleId :
VX0331WBSD01



Tgt Ion: 50 Resp: 6341
Ion Ratio Lower Upper
50 100
52 31.3 24.6 36.8

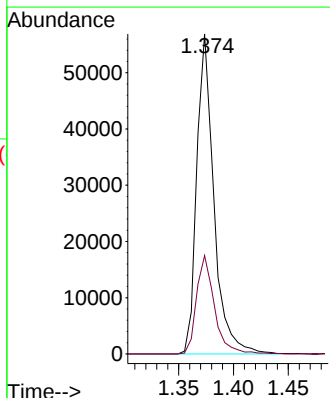
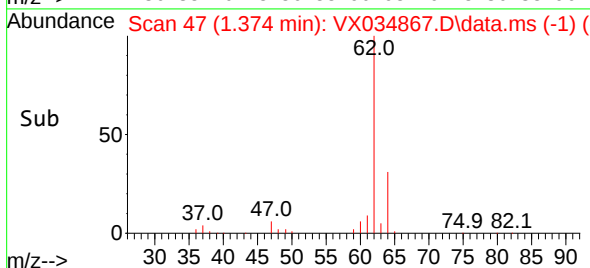
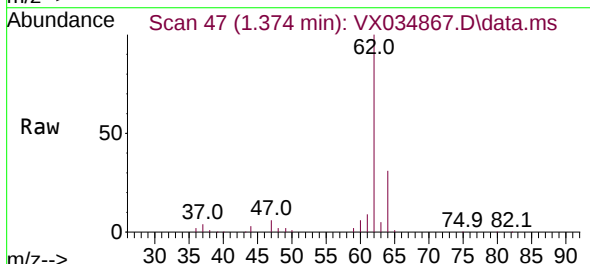
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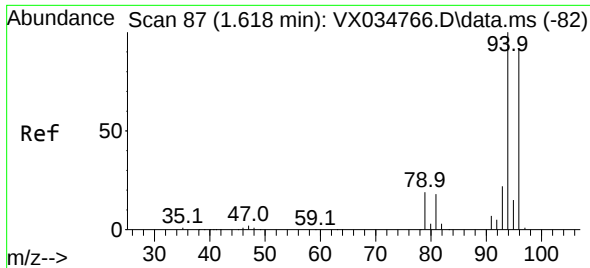
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#4
Vinyl Chloride
Concen: 21.189 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

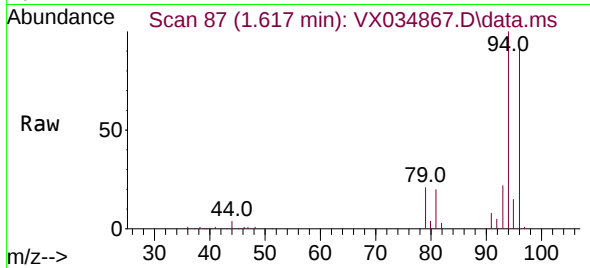
Tgt Ion: 62 Resp: 62090
Ion Ratio Lower Upper
62 100
64 30.7 26.9 40.3





#5
Bromomethane
Concen: 22.287 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

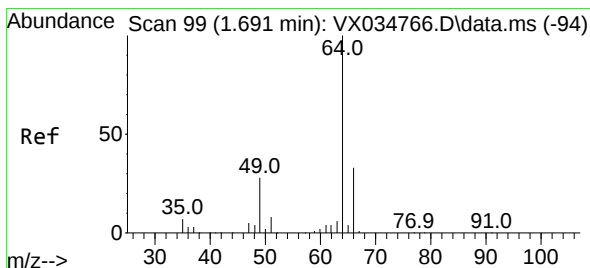
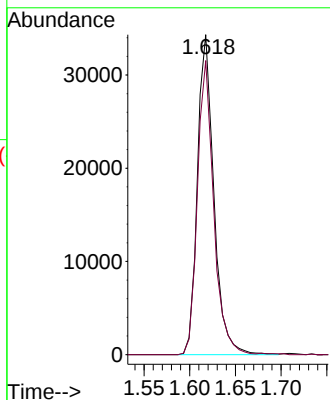
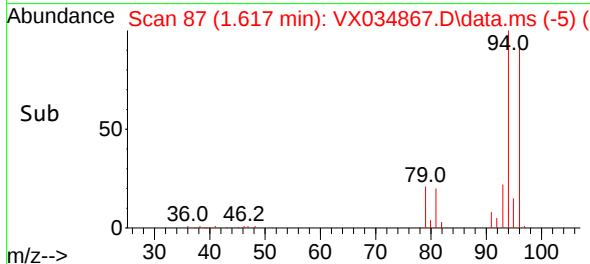
Instrument :
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Tgt Ion: 94 Resp: 42950
Ion Ratio Lower Upper
94 100
96 91.9 73.4 110.0

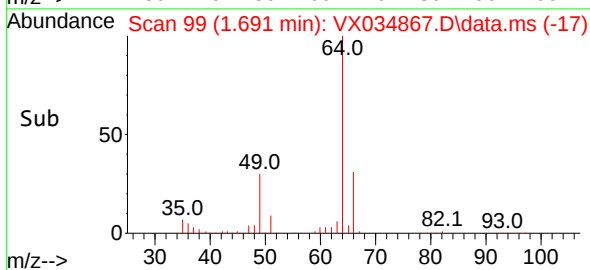
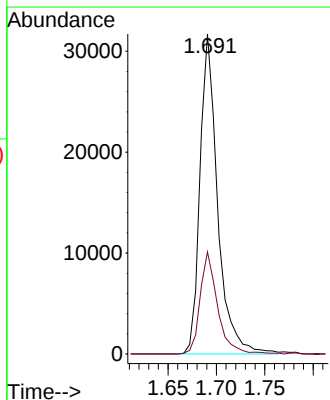
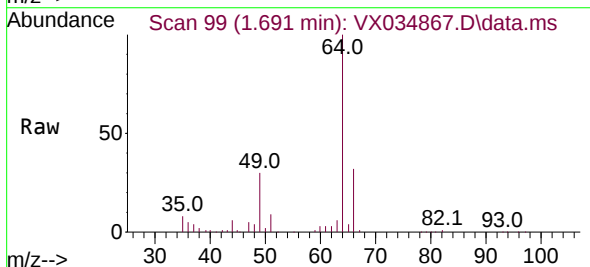
Manual Integrations
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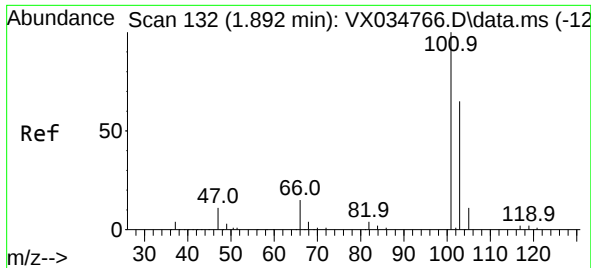
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 21.174 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

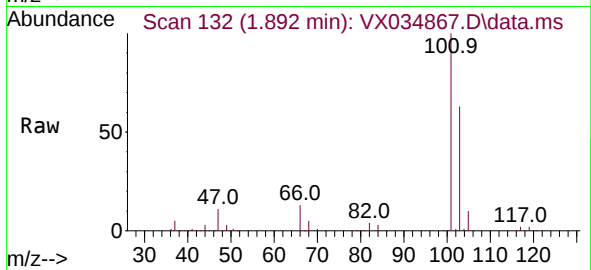
Tgt Ion: 64 Resp: 40379
Ion Ratio Lower Upper
64 100
66 31.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 22.039 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

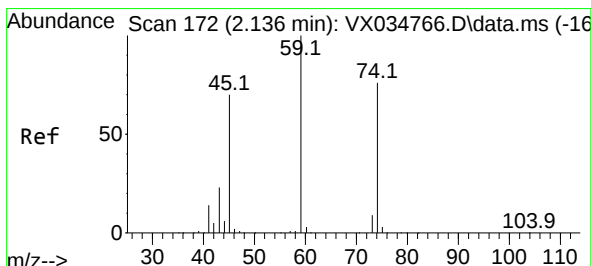
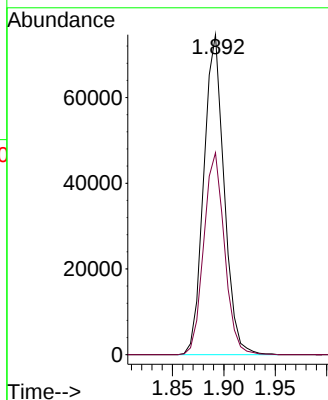
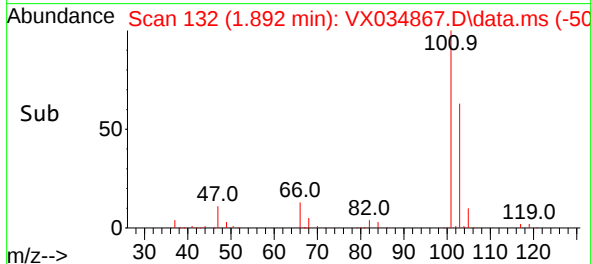
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MSVOA_X
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VX0331WBSD01



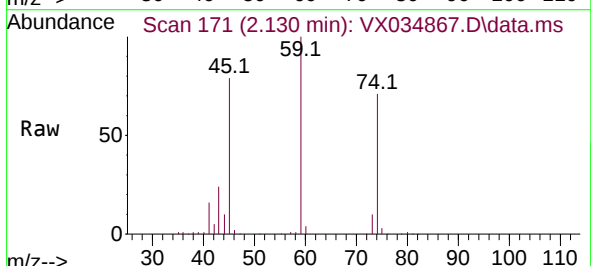
Tgt Ion:101 Resp: 102872
Ion Ratio Lower Upper
101 100
103 63.1 52.1 78.1

Manual Integrations
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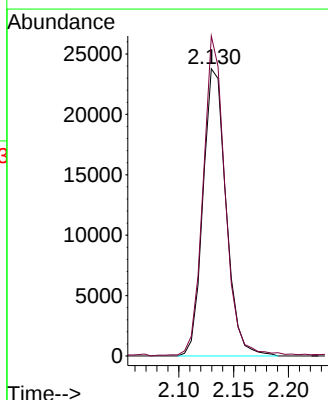
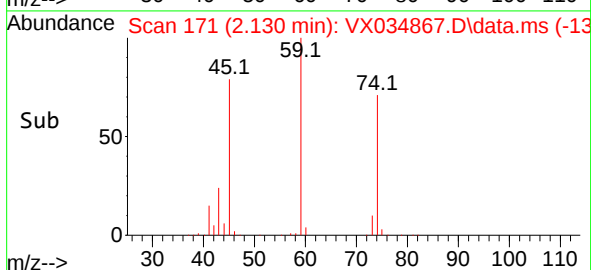
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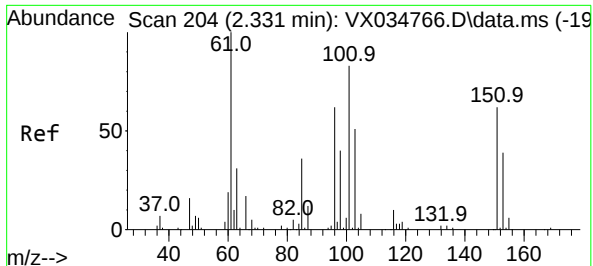


#8
Diethyl Ether
Concen: 20.675 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



Tgt Ion: 74 Resp: 34742
Ion Ratio Lower Upper
74 100
45 107.0 20.5 184.5





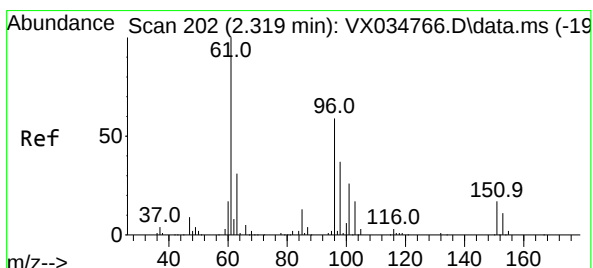
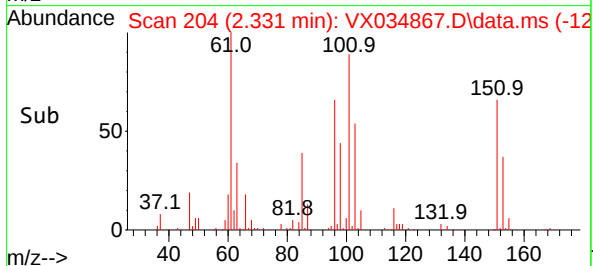
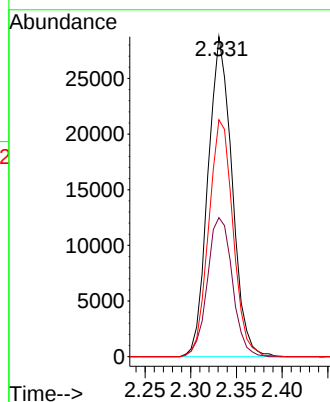
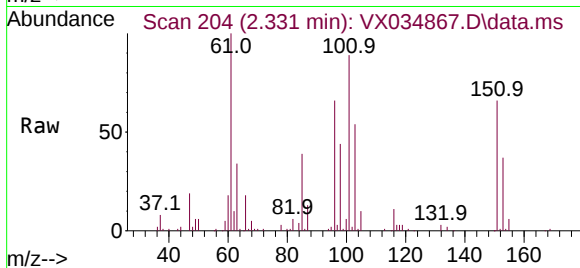
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1,1,2-Trichlorotrifluoroethane
Concen: 22.200 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion:101 Resp: 5257
Ion Ratio Lower Upper
101 100
85 45.2 0.0 88.8
151 74.7 0.0 147.6

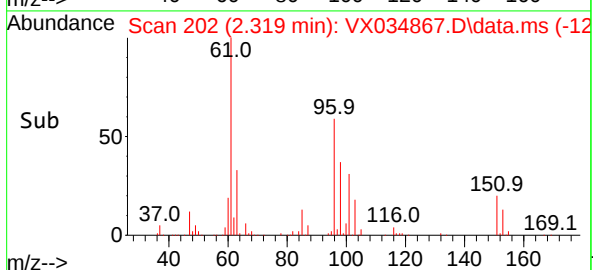
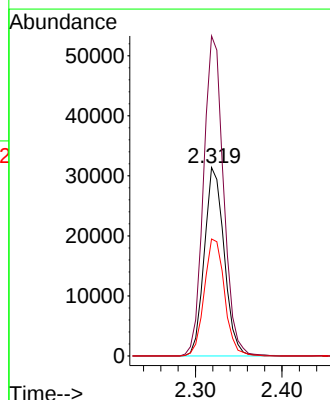
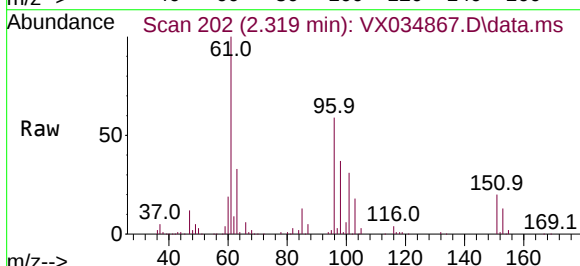
Manual Integrations
APPROVED

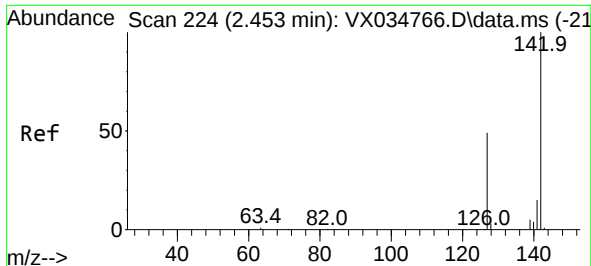
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
1,1-Dichloroethene
Concen: 20.862 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

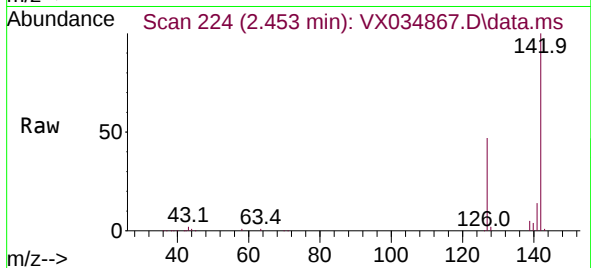
Tgt Ion: 96 Resp: 50008
Ion Ratio Lower Upper
96 100
61 169.7 135.8 203.6
98 62.0 49.8 74.6





#11
Methyl Iodide
Concen: 20.290 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

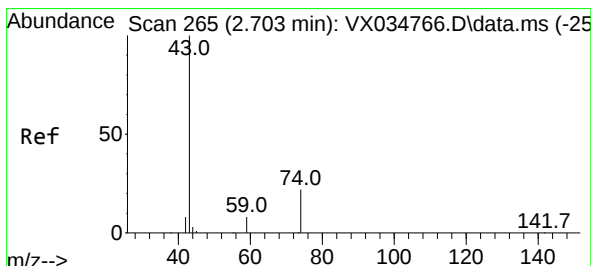
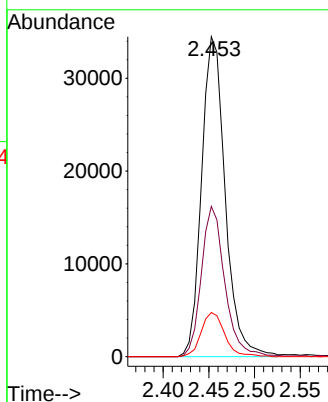
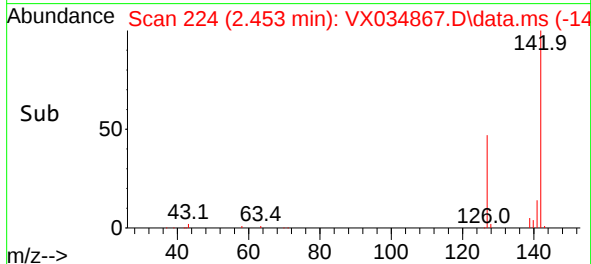
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:142 Resp: 61938
Ion Ratio Lower Upper
142 100
127 46.9 24.5 73.5
141 13.8 7.6 22.8

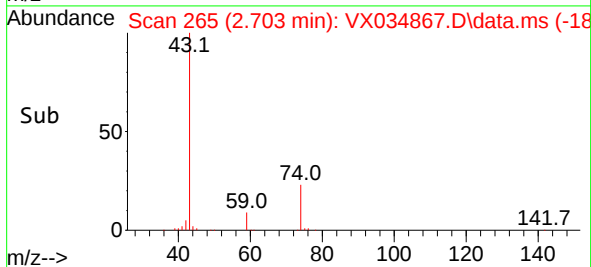
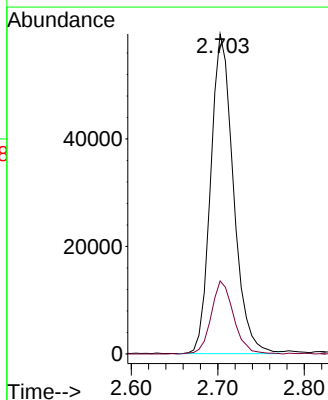
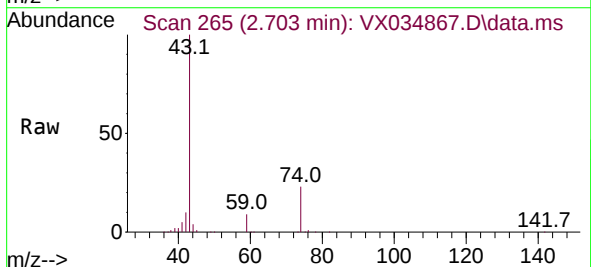
Manual Integrations
APPROVED

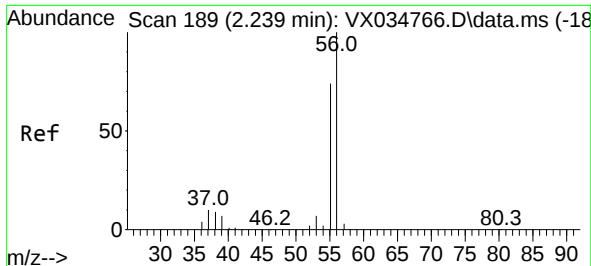
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
Methyl Acetate
Concen: 20.434 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

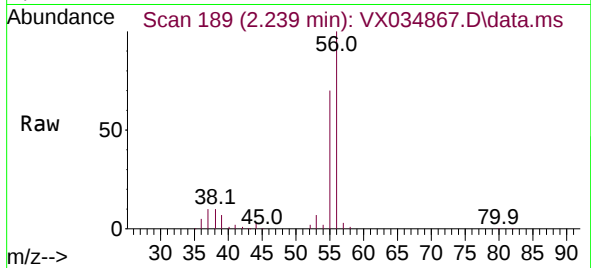
Tgt Ion: 43 Resp: 108476
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0





#13
Acrolein
Concen: 93.130 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

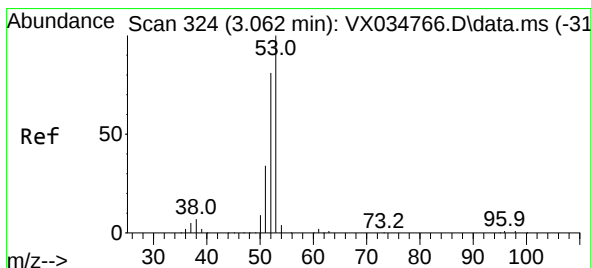
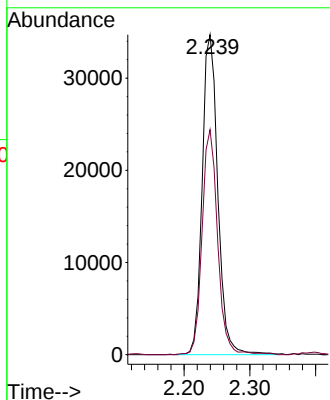
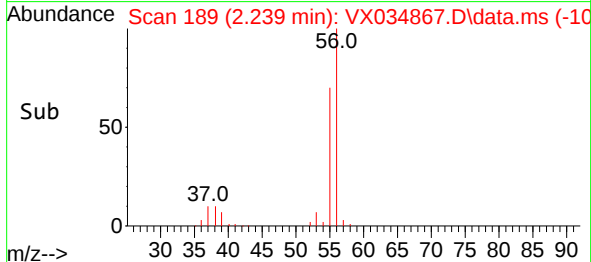
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



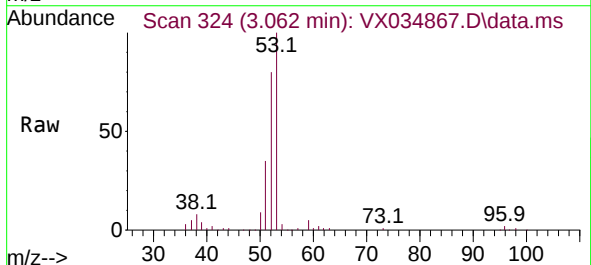
Tgt Ion: 56 Resp: 57330
Ion Ratio Lower Upper
56 100
55 69.0 56.6 85.0

Manual Integrations
APPROVED

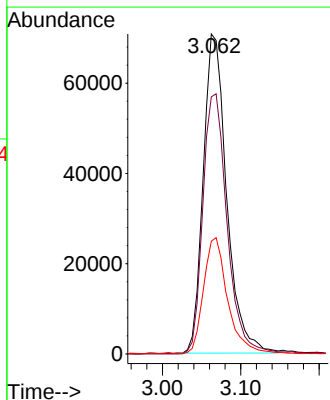
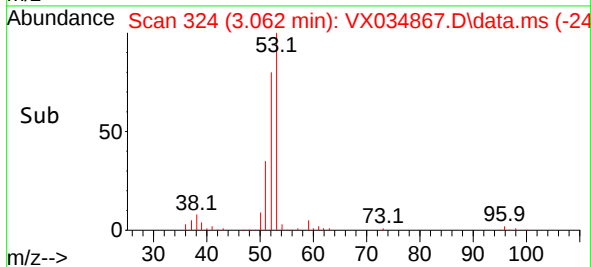
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

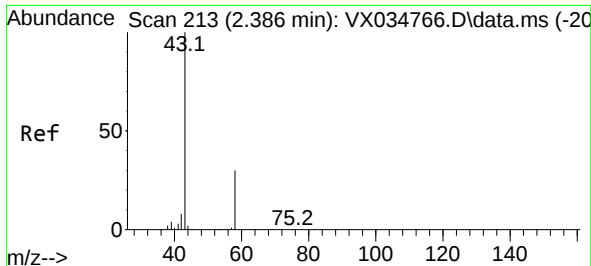


#14
Acrylonitrile
Concen: 100.657 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



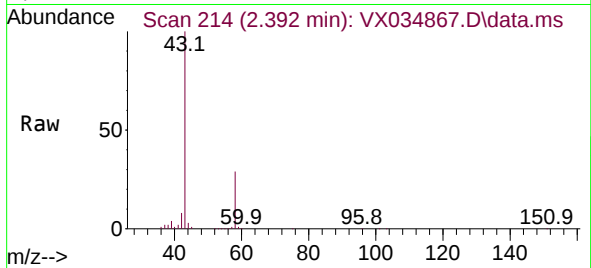
Tgt Ion: 53 Resp: 147138
Ion Ratio Lower Upper
53 100
52 84.3 41.3 123.7
51 37.7 17.9 53.7





#15
Acetone
Concen: 113.362 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

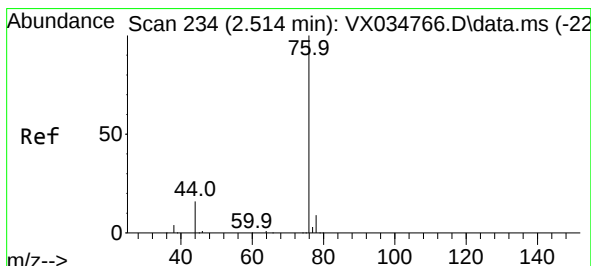
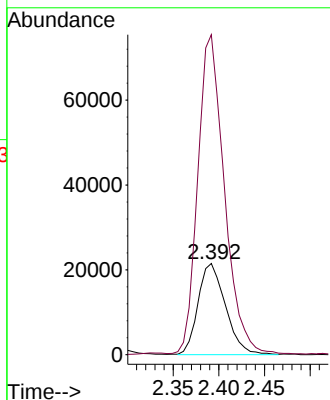
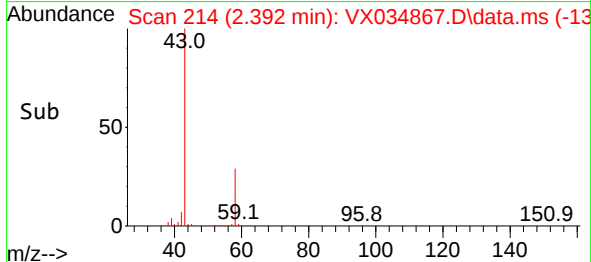
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 58 Resp: 44988
Ion Ratio Lower Upper
58 100
43 350.4 270.8 406.2

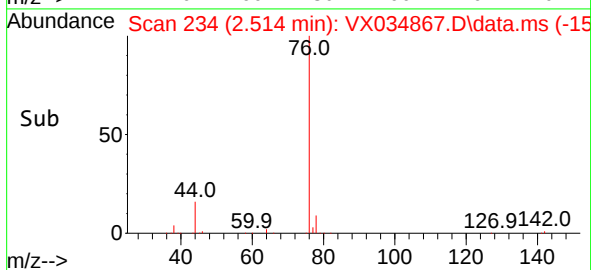
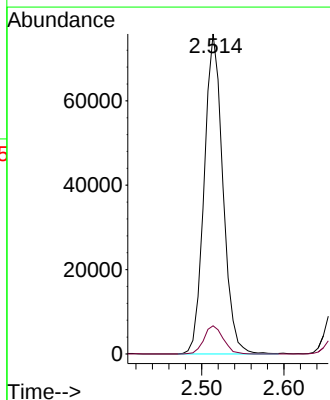
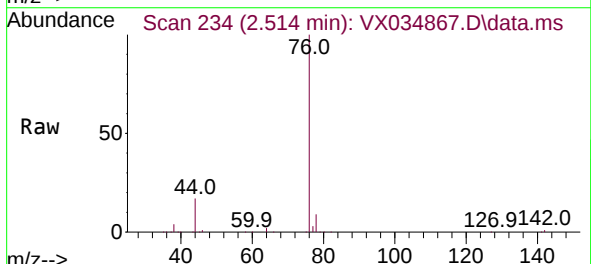
Manual Integrations
APPROVED

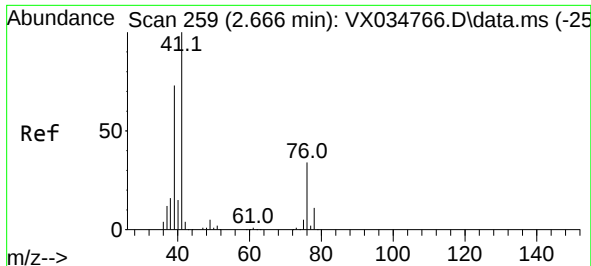
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Carbon Disulfide
Concen: 19.542 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 76 Resp: 119823
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





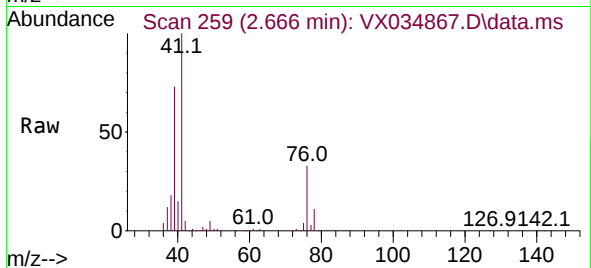
#17
 Allyl chloride
 Concen: 20.423 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01



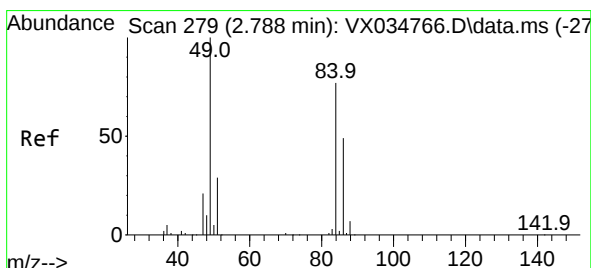
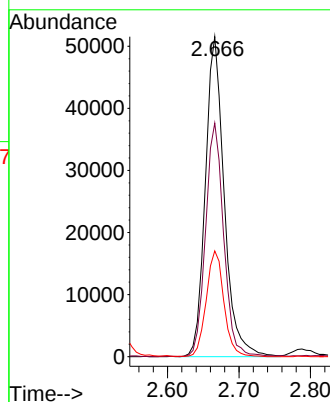
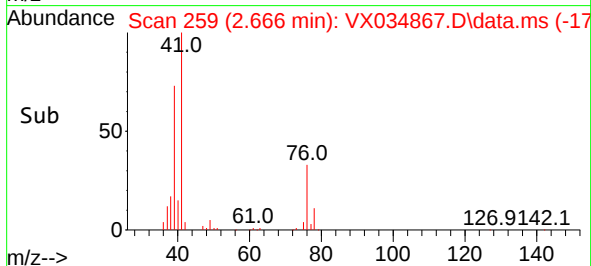
Tgt Ion: 41 Resp: 9473
 Ion Ratio Lower Upper
 41 100
 39 73.0 36.4 109.3
 76 33.1 17.0 51.0

Manual Integrations

APPROVED

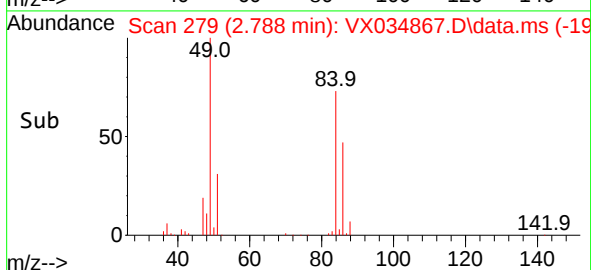
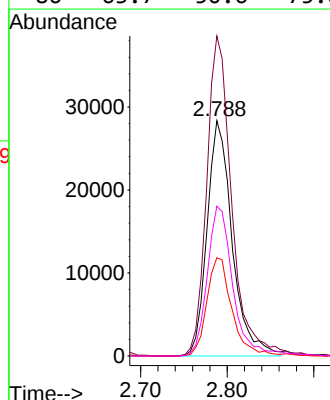
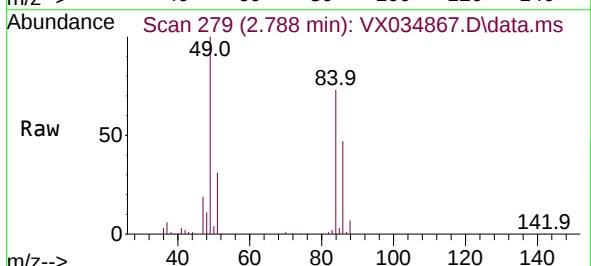
Reviewed By :John Carlone 04/03/2023

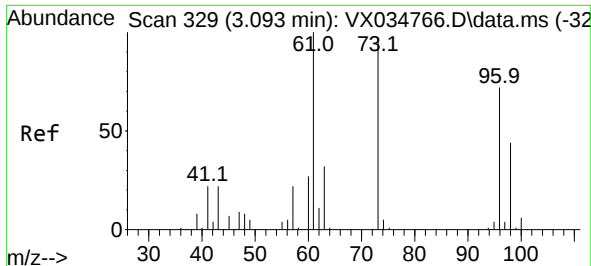
Supervised By :Mahesh Dadoda 04/03/2023



#18
 Methylene Chloride
 Concen: 20.271 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

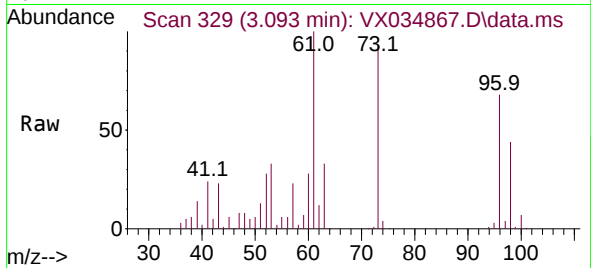
Tgt Ion: 84 Resp: 57240
 Ion Ratio Lower Upper
 84 100
 49 135.9 103.9 155.9
 51 41.7 30.6 45.8
 86 63.7 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 20.516 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

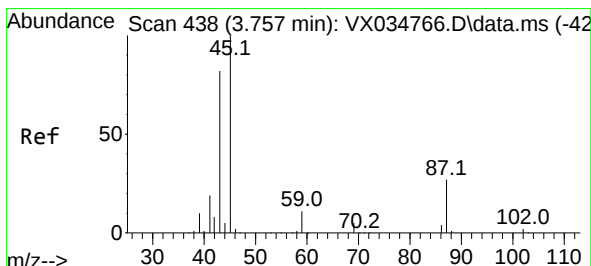
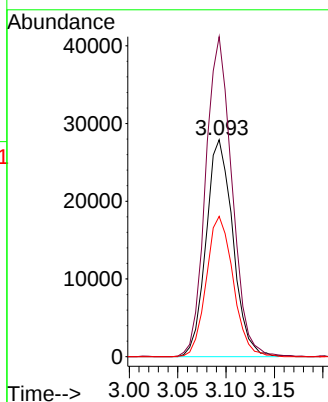
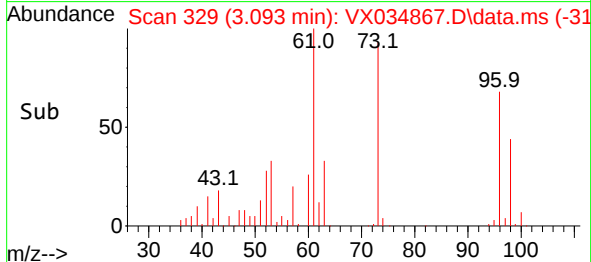
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 96 Resp: 53814
Ion Ratio Lower Upper
96 100
61 147.2 111.1 166.7
98 64.5 48.6 72.8

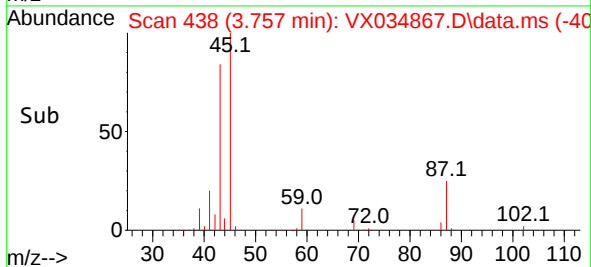
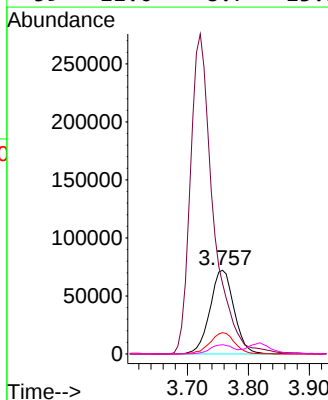
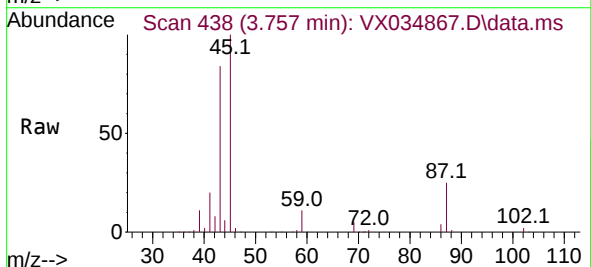
Manual Integrations
APPROVED

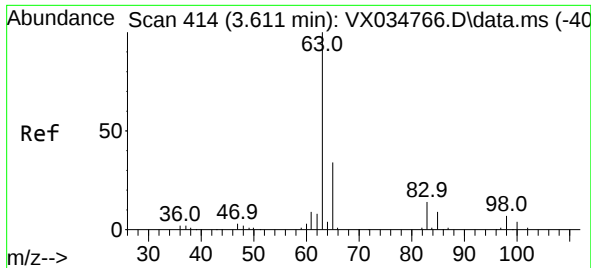
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Diisopropyl ether
Concen: 20.870 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 45 Resp: 198334
Ion Ratio Lower Upper
45 100
43 82.4 66.0 99.0
87 25.3 21.8 32.6
59 11.0 8.7 13.1





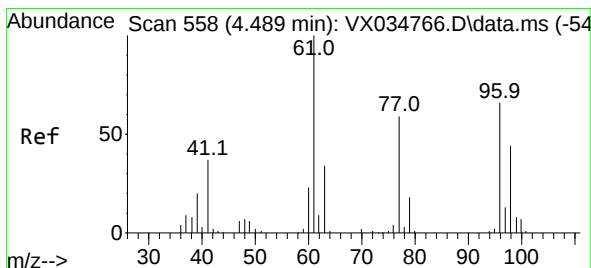
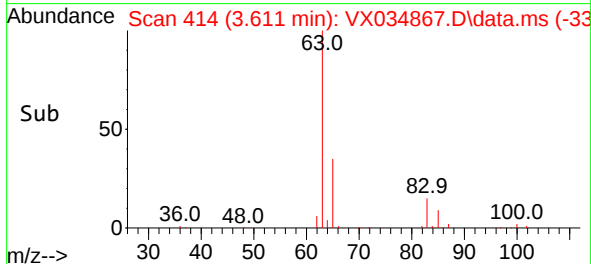
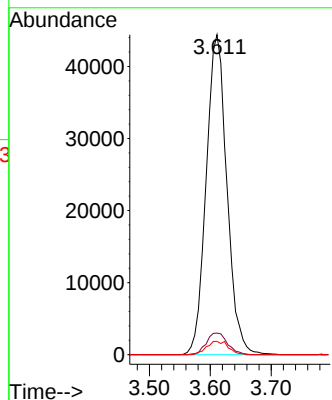
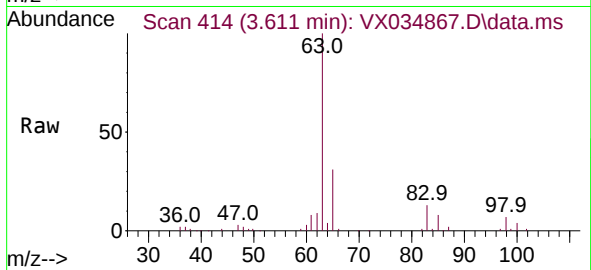
#21
1,1-Dichloroethane
Concen: 20.653 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 63 Resp: 104949
Ion Ratio Lower Upper
63 100
98 6.8 3.5 10.6
100 4.1 2.2 6.6

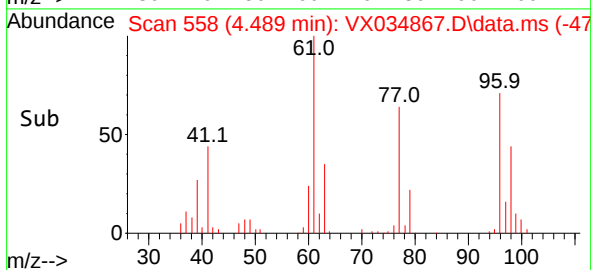
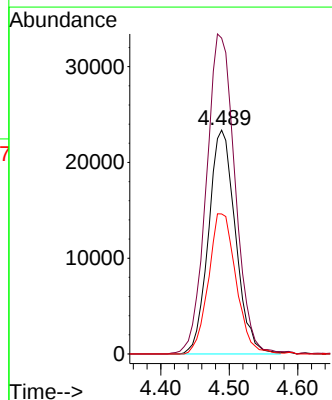
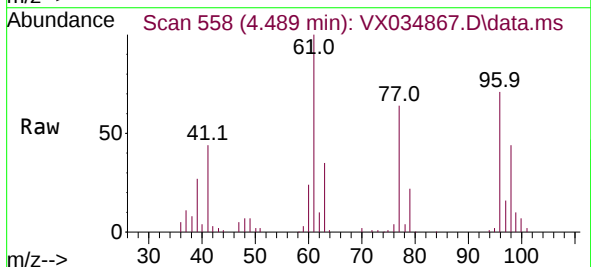
Manual Integrations
APPROVED

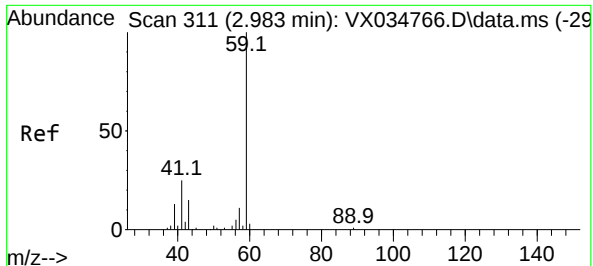
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
cis-1,2-Dichloroethene
Concen: 20.921 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 96 Resp: 63915
Ion Ratio Lower Upper
96 100
61 152.4 121.7 182.5
98 63.5 52.2 78.2





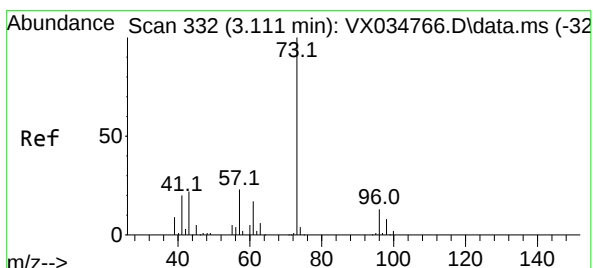
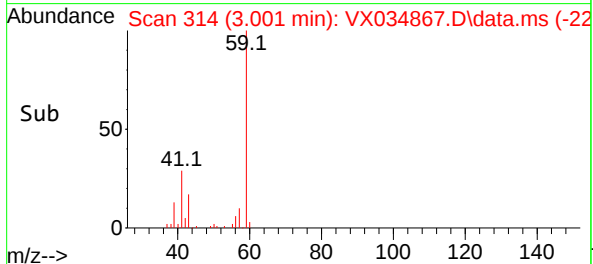
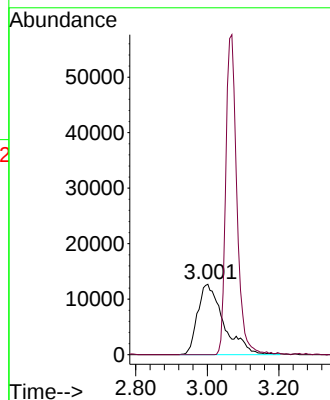
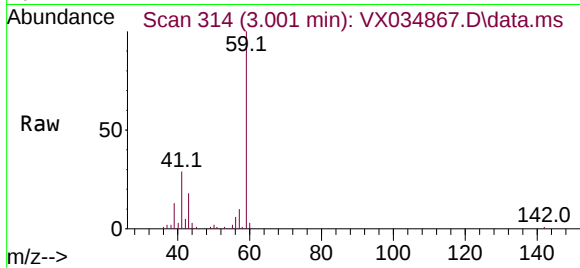
#23
tert-Butyl Alcohol
Concen: 98.070 ug/l m
RT: 3.001 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 59 Resp: 64500
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

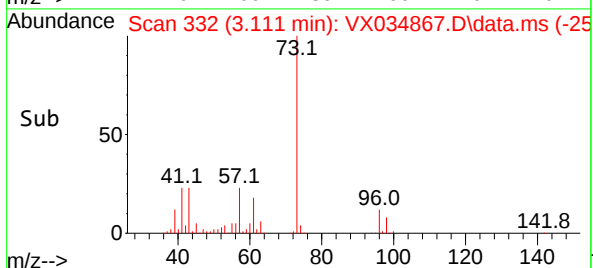
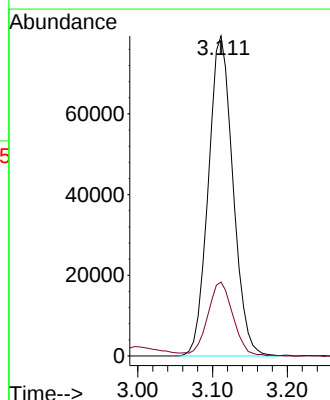
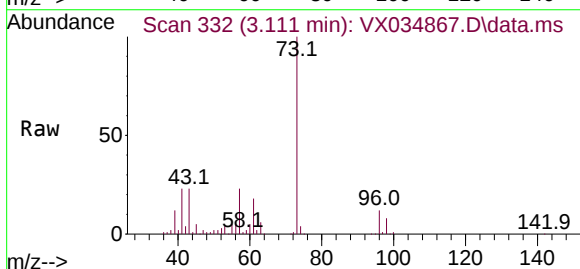
Manual Integrations
APPROVED

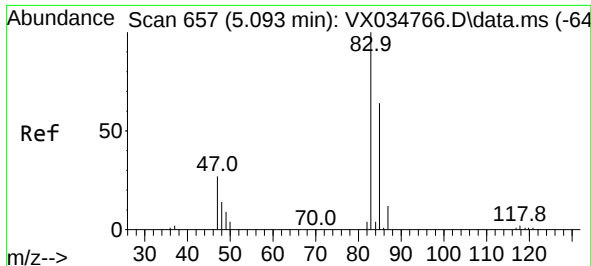
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#24
Methyl tert-Butyl Ether
Concen: 20.401 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

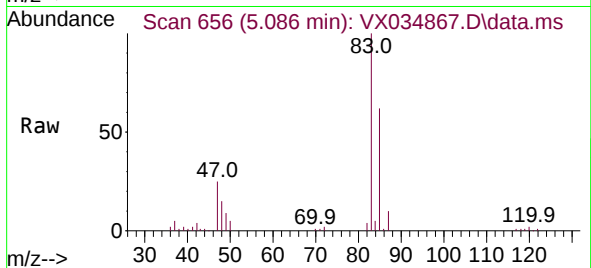
Tgt Ion: 73 Resp: 181723
Ion Ratio Lower Upper
73 100
43 23.6 17.9 26.9





#25
Chloroform
Concen: 20.813 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.007 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

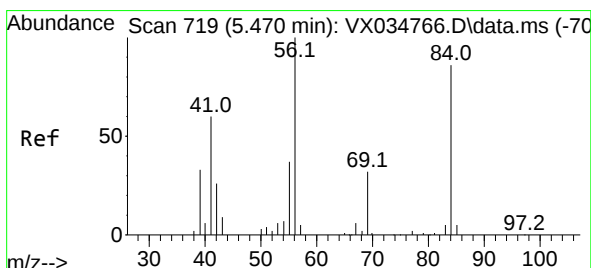
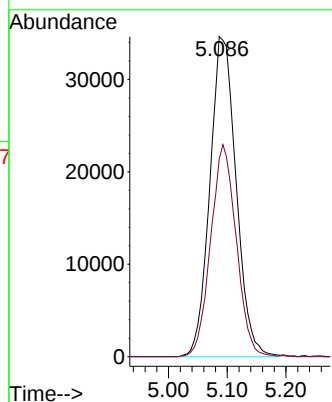
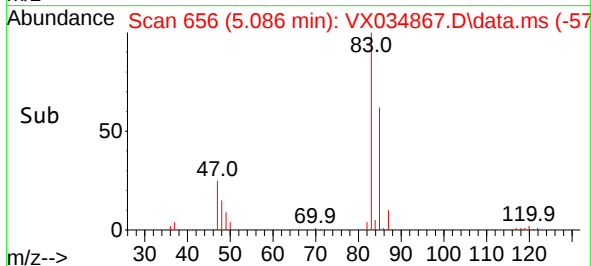
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 83 Resp: 10757
Ion Ratio Lower Upper
83 100
85 61.6 51.2 76.8

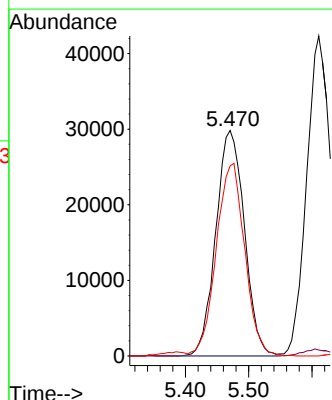
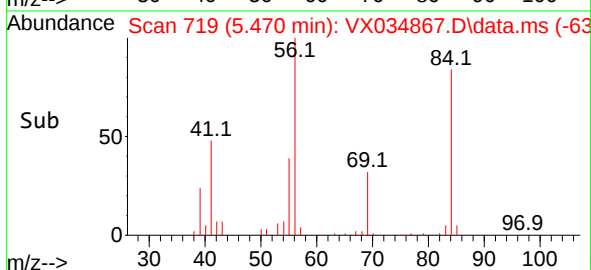
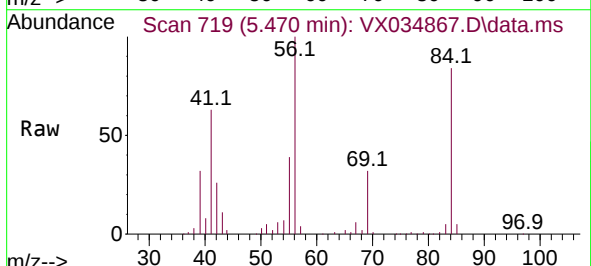
Manual Integrations
APPROVED

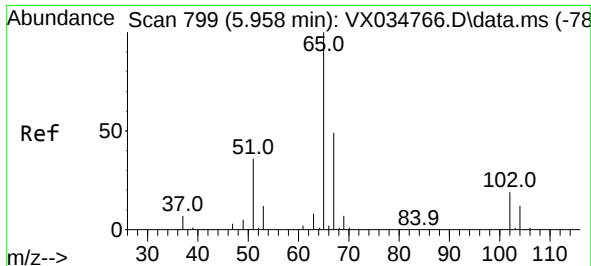
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
Cyclohexane
Concen: 21.009 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

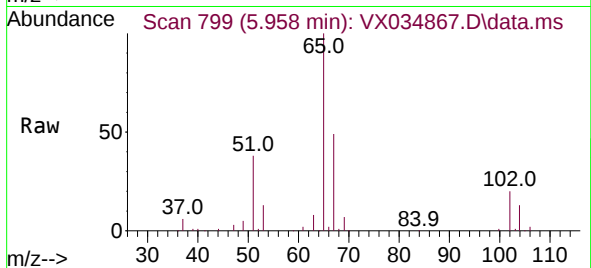
Tgt Ion: 56 Resp: 93549
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.2 67.4 101.2





#27
 1,2-Dichloroethane-d4
 Concen: 30.941 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

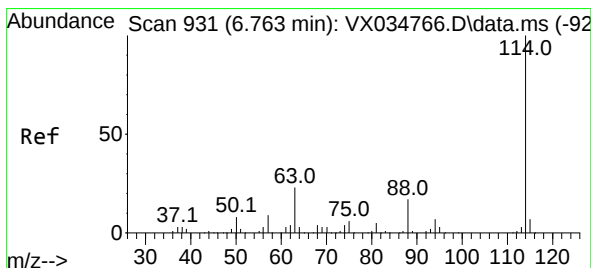
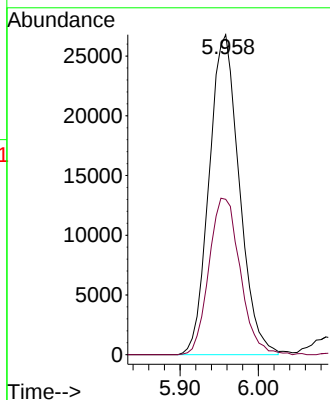
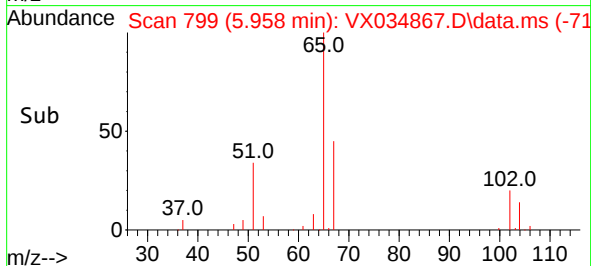
Instrument :
 MSVOA_X
 Client Sample Id :
 VX0331WBSD01



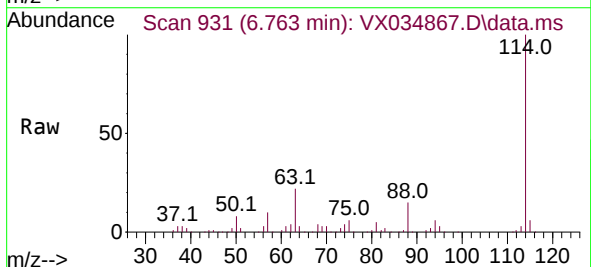
Tgt Ion: 65 Resp: 71790
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.9 61.3

Manual Integrations
 APPROVED

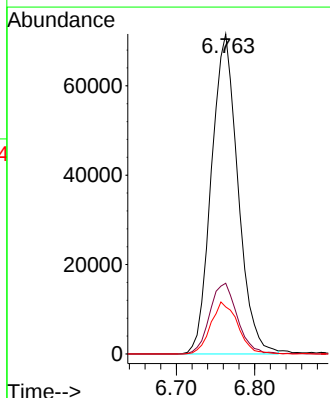
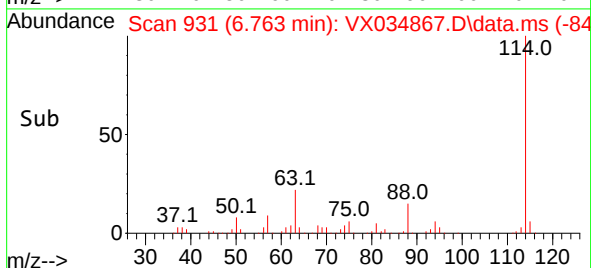
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

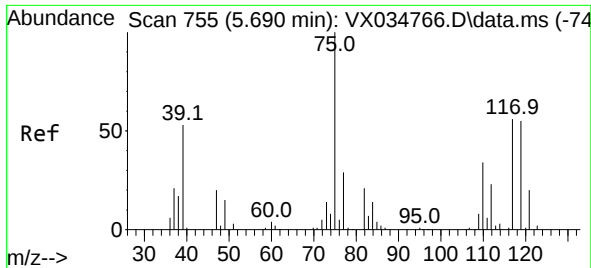


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46



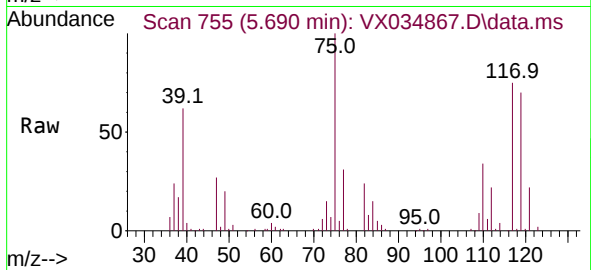
Tgt Ion:114 Resp: 168817
 Ion Ratio Lower Upper
 114 100
 63 22.7 18.0 27.0
 88 16.5 13.3 19.9





#29
1,1-Dichloropropene
Concen: 20.934 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

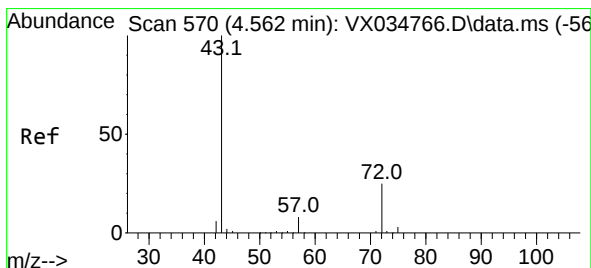
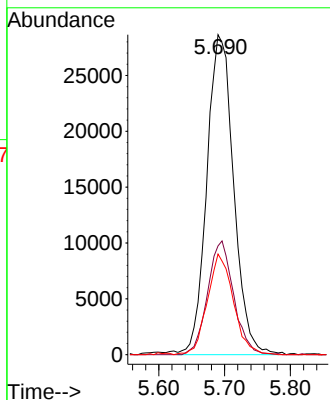
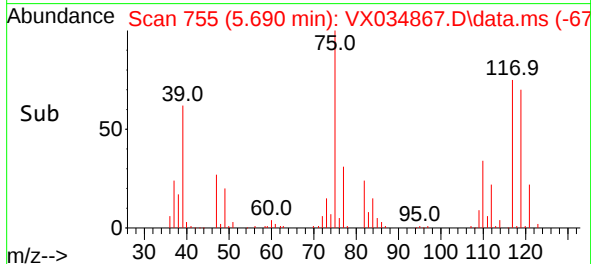
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 75 Resp: 8128
Ion Ratio Lower Upper
75 100
110 34.5 0.0 71.4
77 30.3 0.0 61.6

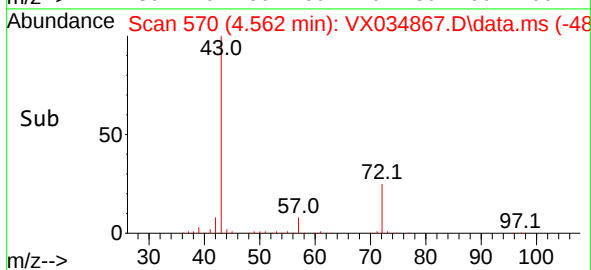
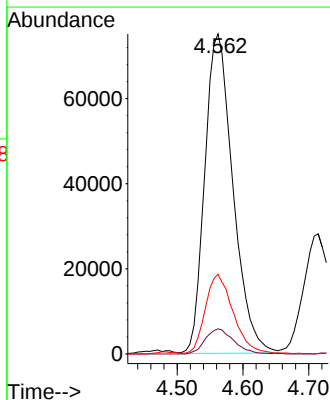
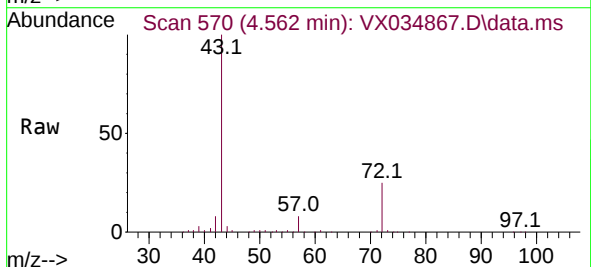
Manual Integrations
APPROVED

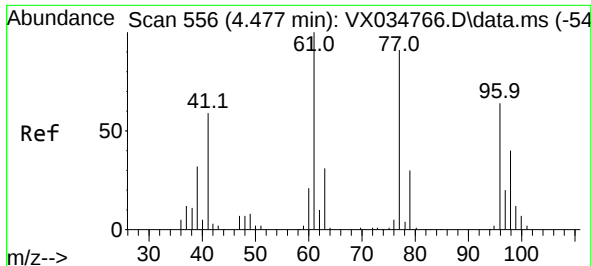
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#30
2-Butanone
Concen: 103.472 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

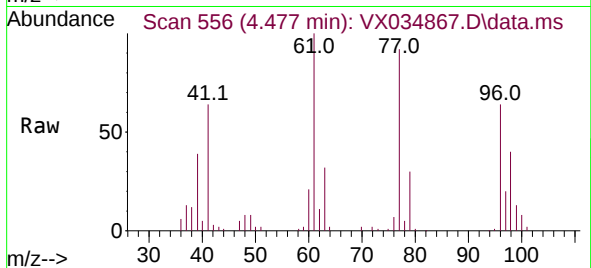
Tgt Ion: 43 Resp: 224055
Ion Ratio Lower Upper
43 100
57 8.0 6.3 9.5
72 24.2 19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.640 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

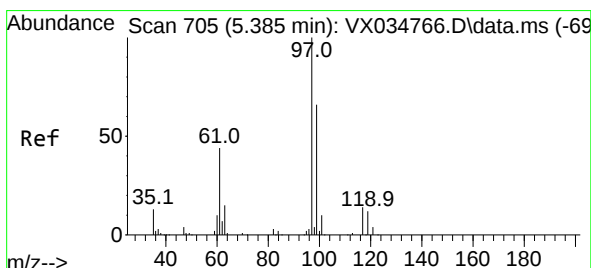
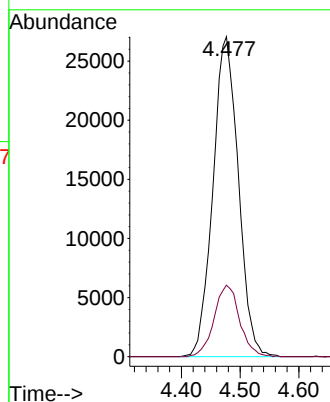
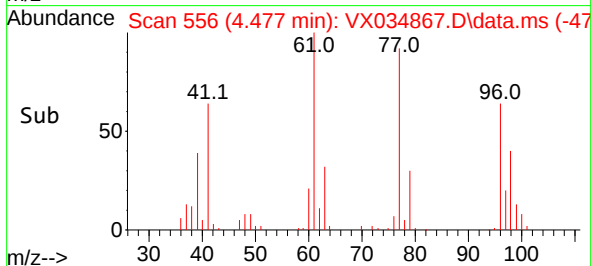
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



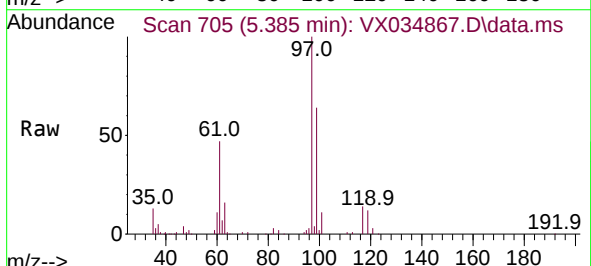
Tgt Ion: 77 Resp: 8127
Ion Ratio Lower Upper
77 100
97 22.4 18.2 27.4

Manual Integrations
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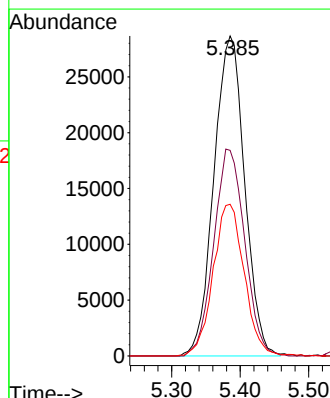
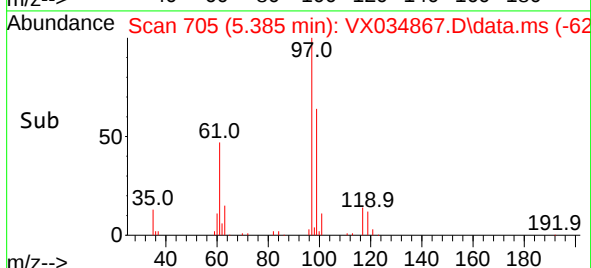
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

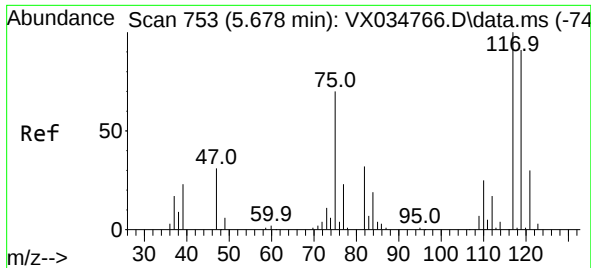


#32
1,1,1-Trichloroethane
Concen: 19.627 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



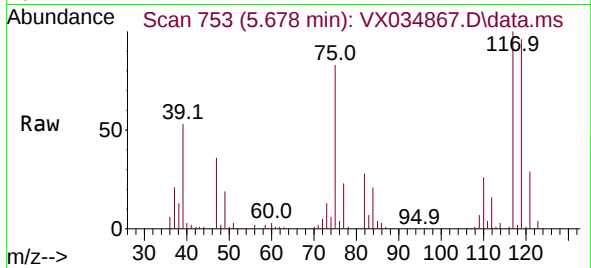
Tgt Ion: 97 Resp: 89402
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 47.7 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.136 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

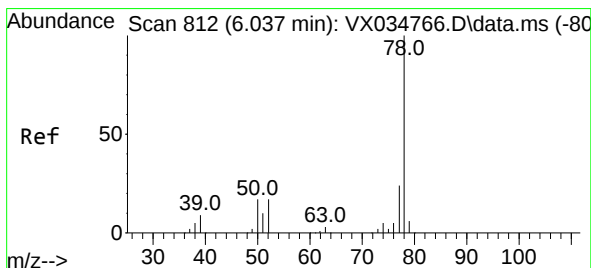
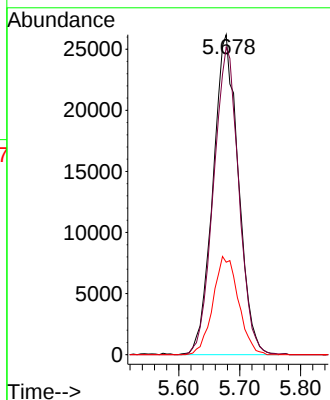
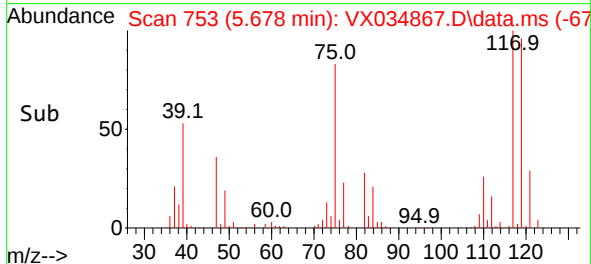
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:117 Resp: 75700
Ion Ratio Lower Upper
117 100
119 96.1 73.3 109.9
121 28.9 24.0 36.0

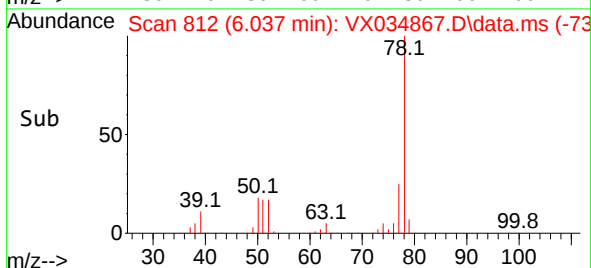
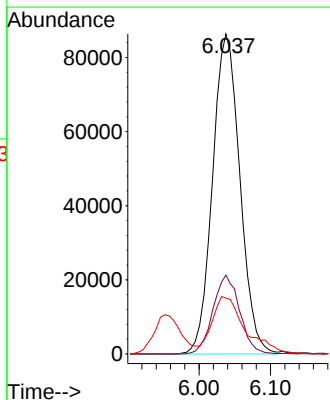
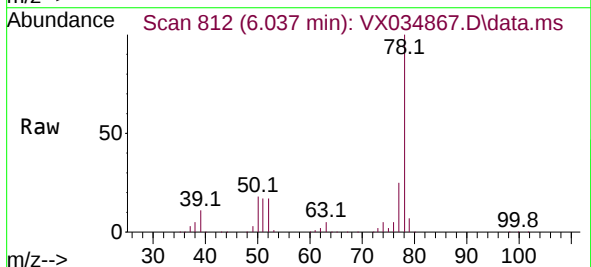
Manual Integrations
APPROVED

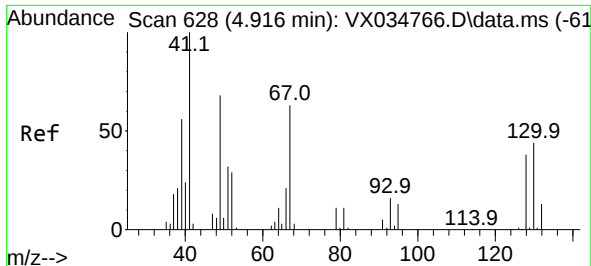
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#34
Benzene
Concen: 20.330 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

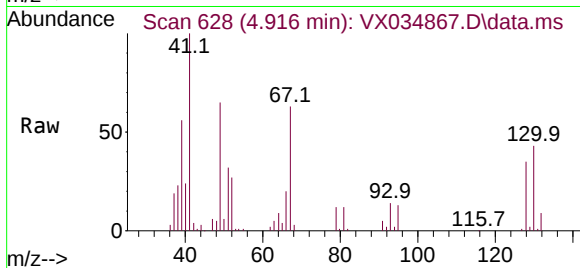
Tgt Ion: 78 Resp: 229394
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4
51 16.0 14.6 21.8





#35
Methacrylonitrile
Concen: 19.956 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

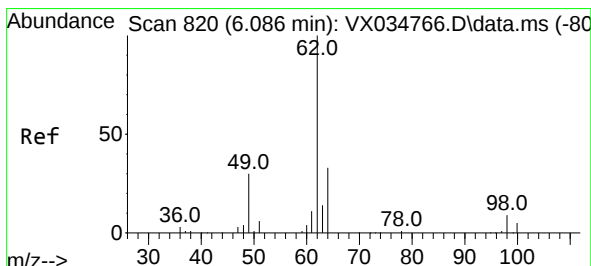
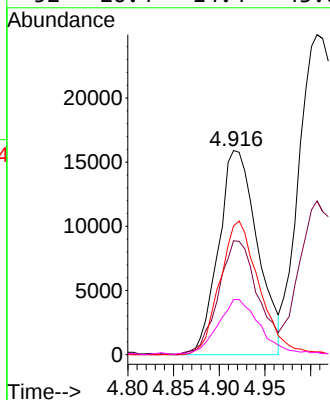
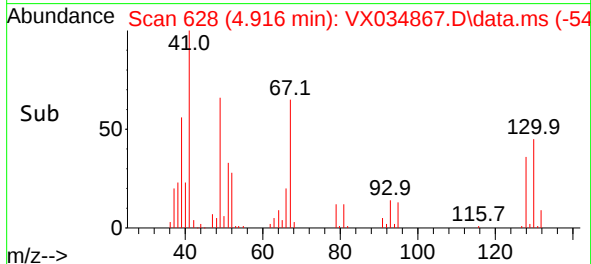
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:	41	Resp:	4729
Ion Ratio	Lower	Upper	
41	100		
39	55.8	28.0	84.0
67	63.1	31.6	94.7
52	26.4	14.4	43.0

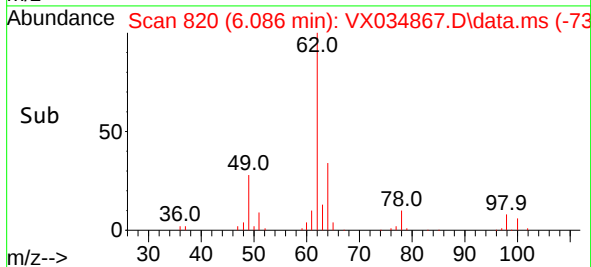
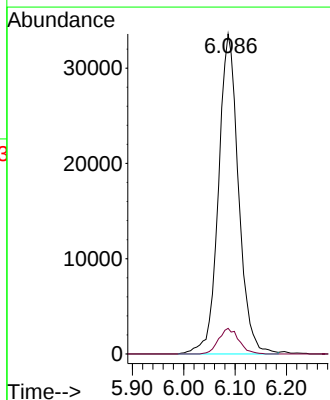
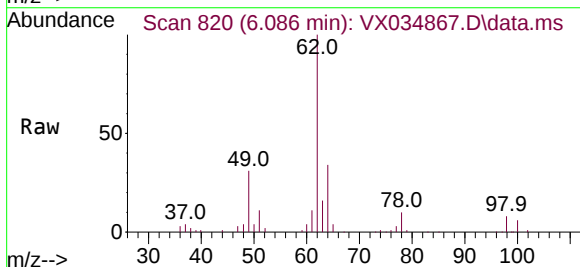
Manual Integrations
APPROVED

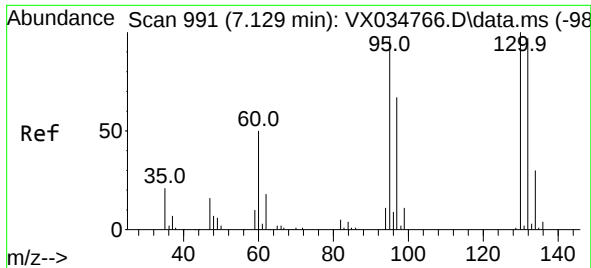
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#36
1,2-Dichloroethane
Concen: 20.604 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

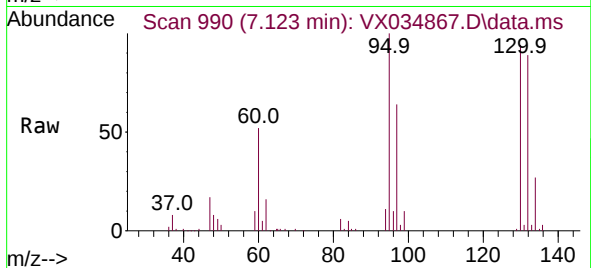
Tgt Ion:	62	Resp:	91152
Ion Ratio	Lower	Upper	
62	100		
98	8.1	7.0	10.6





#37
Trichloroethene
Concen: 20.523 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

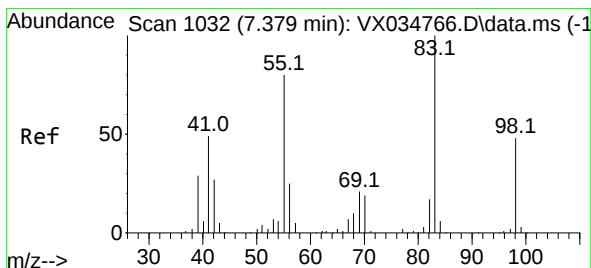
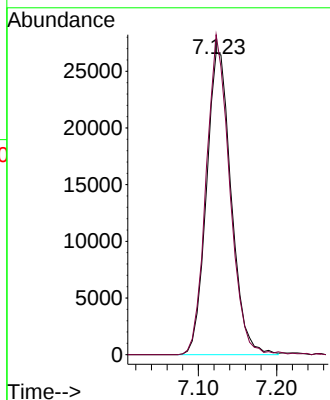
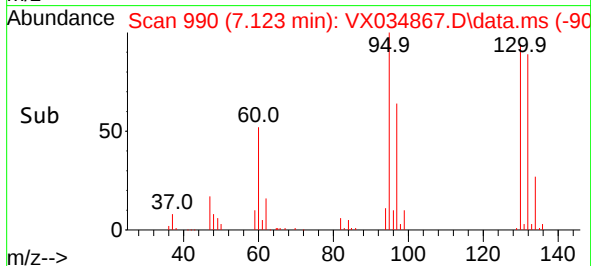
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:130 Resp: 58936
Ion Ratio Lower Upper
130 100
95 105.9 77.8 116.6

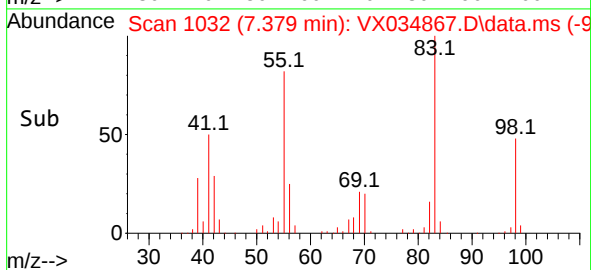
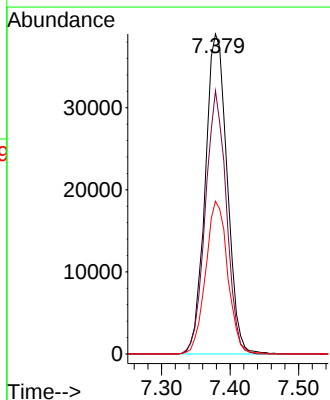
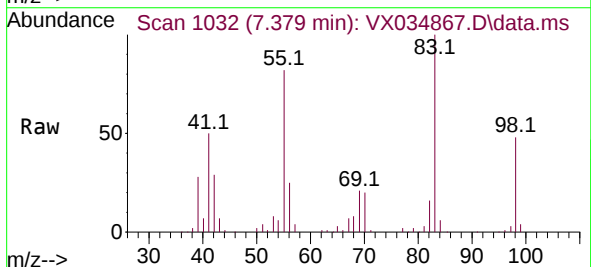
Manual Integrations
APPROVED

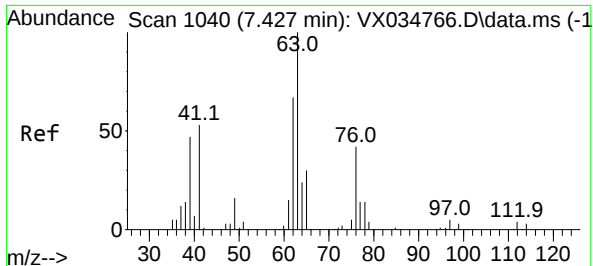
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#38
Methylcyclohexane
Concen: 20.460 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 83 Resp: 86795
Ion Ratio Lower Upper
83 100
55 78.5 38.8 116.4
98 48.0 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.481 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034867.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

Tgt Ion: 63 Resp: 60070

Ion Ratio Lower Upper

63 100

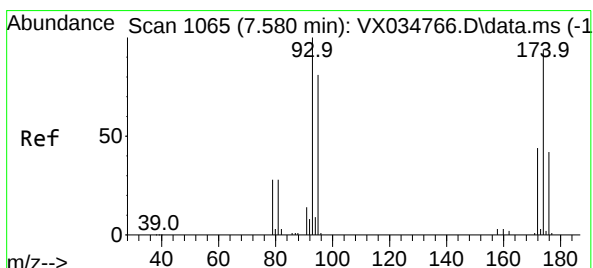
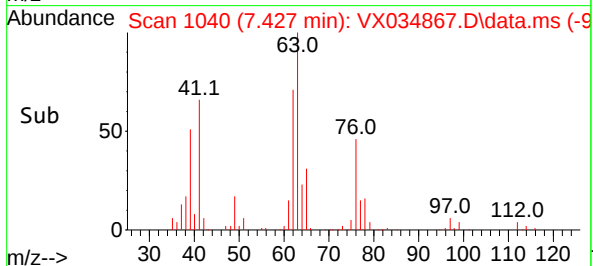
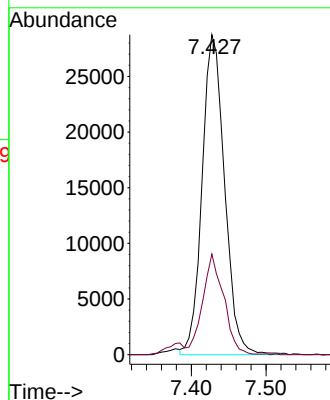
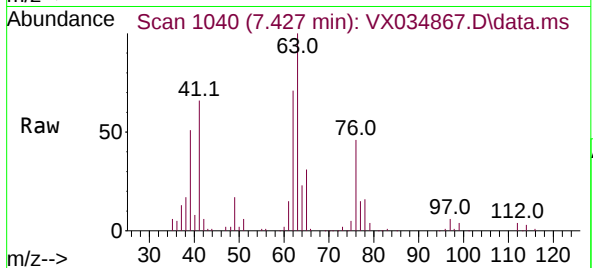
65 31.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Dibromomethane

Concen: 19.941 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034867.D

Acq: 31 Mar 2023 10:46

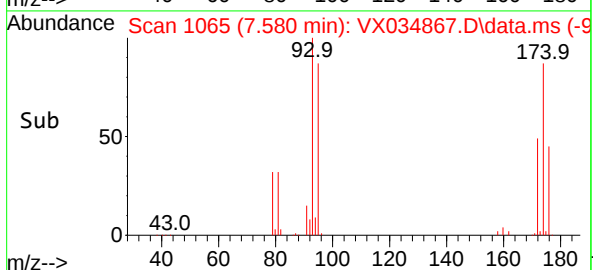
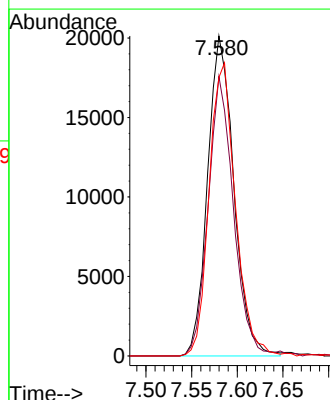
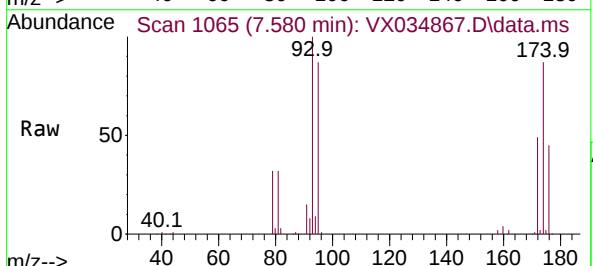
Tgt Ion: 93 Resp: 40177

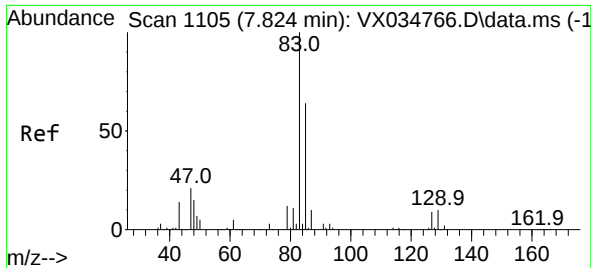
Ion Ratio Lower Upper

93 100

95 84.1 0.0 165.8

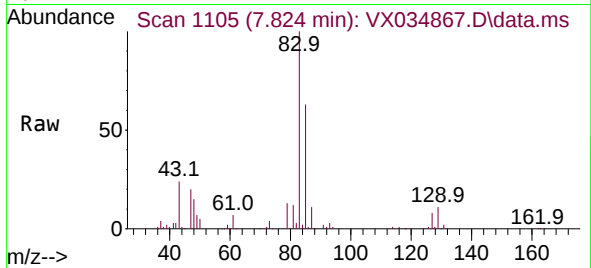
174 91.6 0.0 188.8





#41
Bromodichloromethane
Concen: 19.954 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

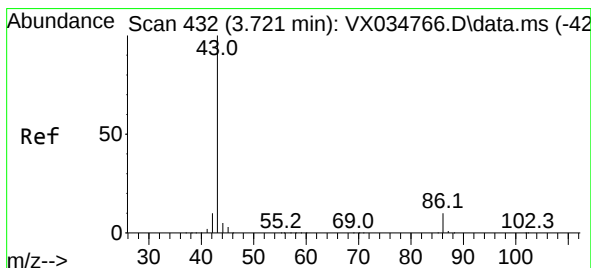
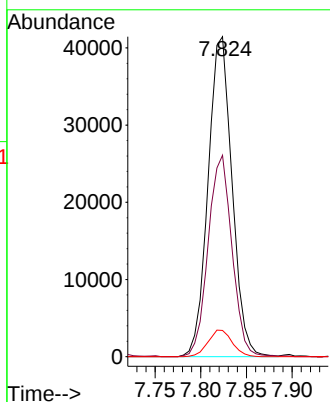
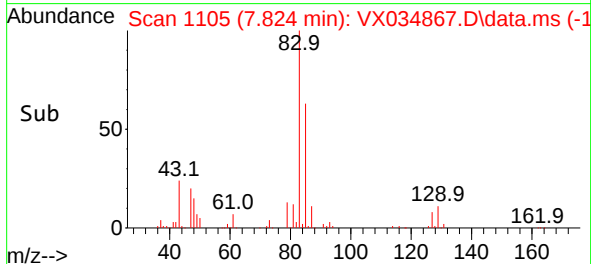
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 83 Resp: 7572
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.2 8.2 12.4

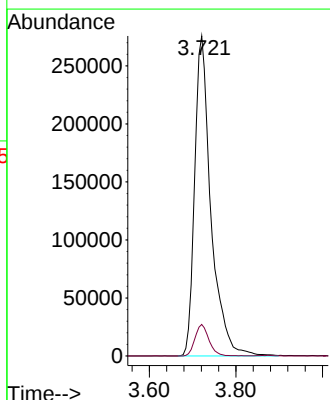
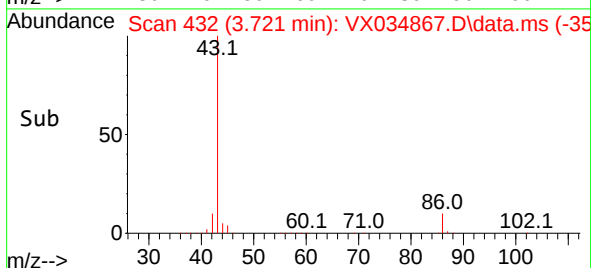
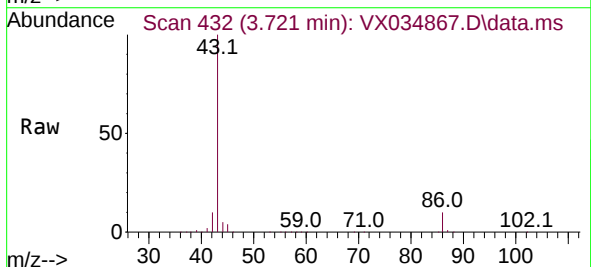
Manual Integrations
APPROVED

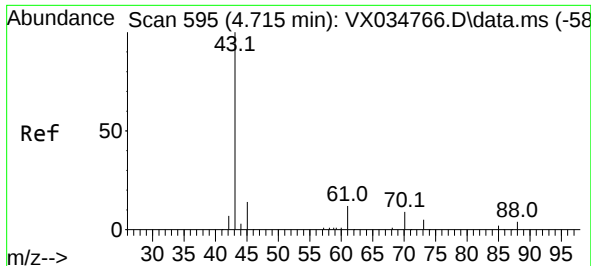
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#42
Vinyl Acetate
Concen: 102.104 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 43 Resp: 721282
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43

Ethyl Acetate

Concen: 19.993 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX034867.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

Tgt Ion: 43 Resp: 83962

Ion Ratio Lower Upper

43 100

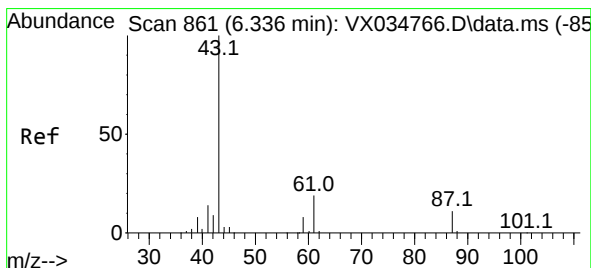
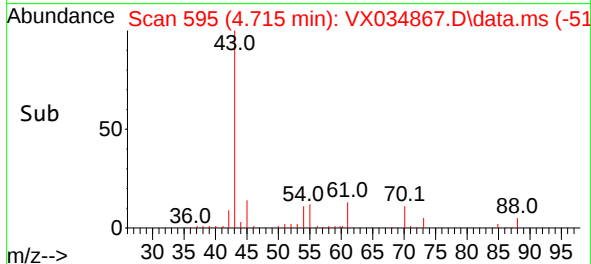
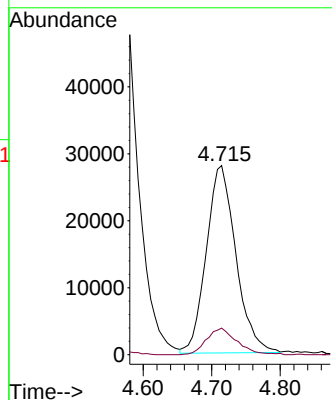
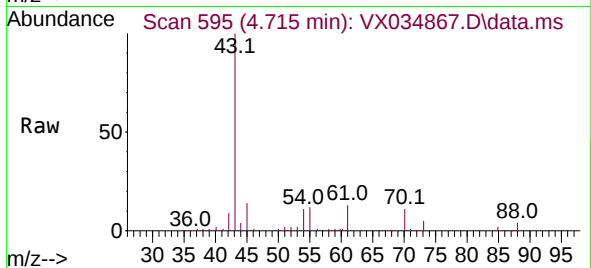
45 14.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Isopropyl Acetate

Concen: 19.525 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034867.D

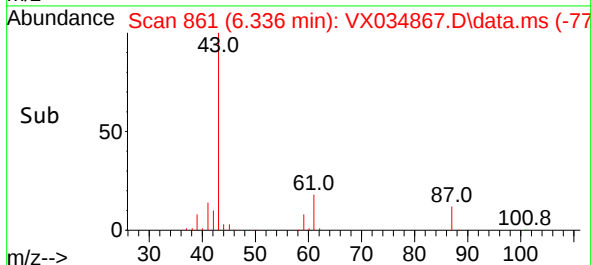
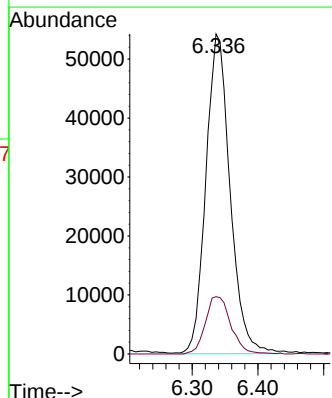
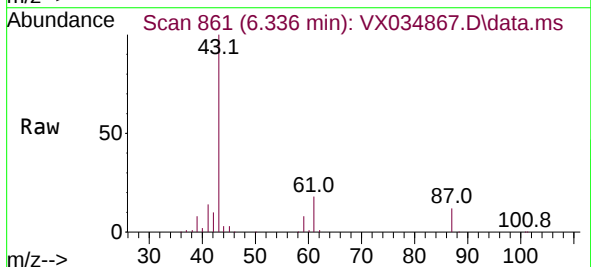
Acq: 31 Mar 2023 10:46

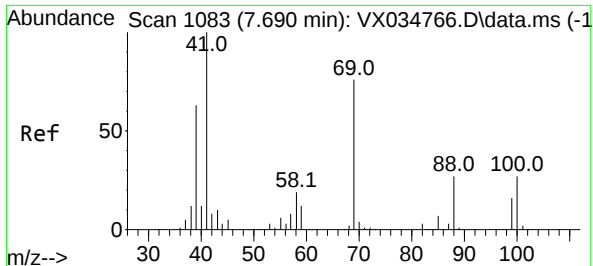
Tgt Ion: 43 Resp: 138806

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.0





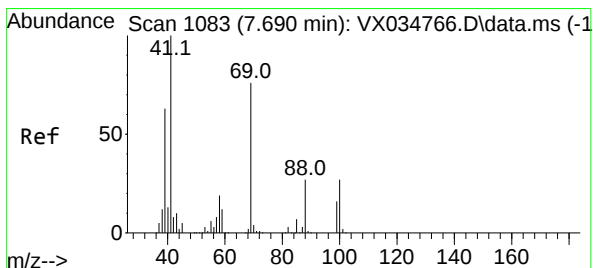
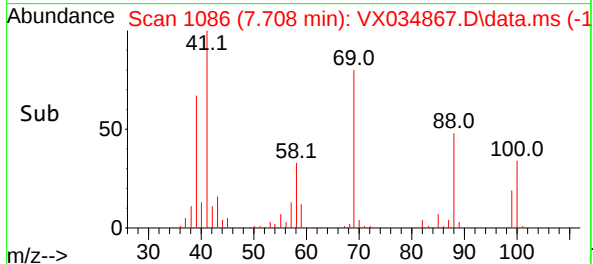
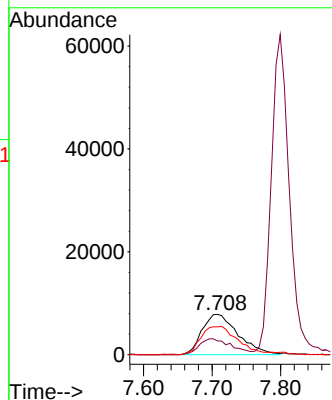
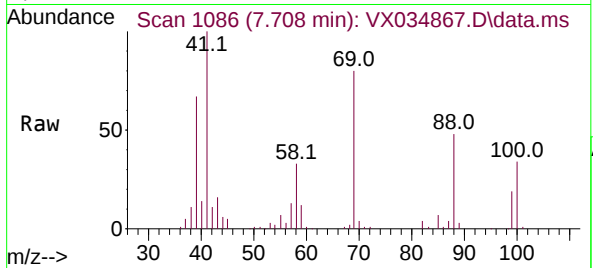
#45
1,4-Dioxane
Concen: 406.798 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 88 Resp: 28652
Ion Ratio Lower Upper
88 100
43 35.4 26.5 39.7
58 71.3 55.6 83.4

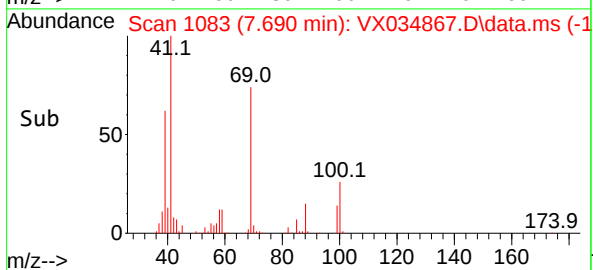
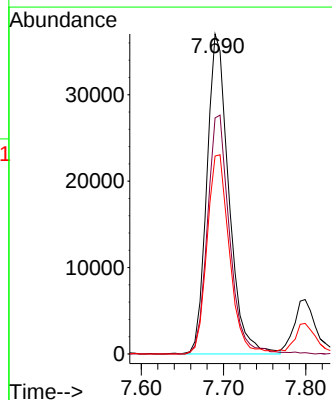
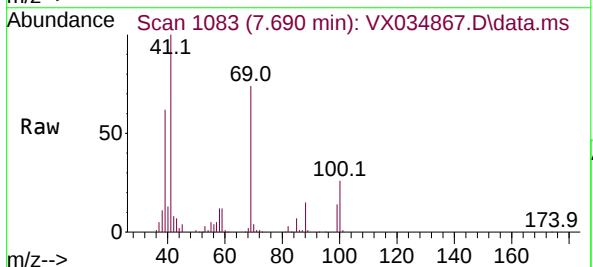
Manual Integrations
APPROVED

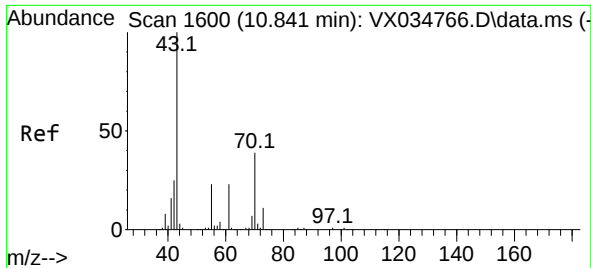
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#46
Methyl methacrylate
Concen: 19.819 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

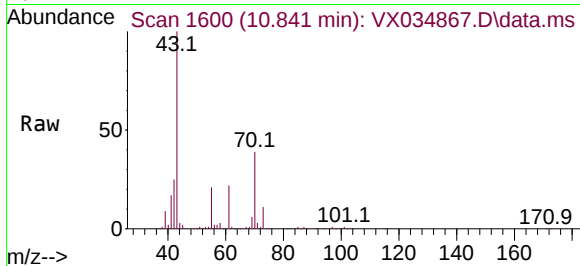
Tgt Ion: 41 Resp: 68652
Ion Ratio Lower Upper
41 100
69 73.8 38.1 114.5
39 61.9 31.4 94.3





#47
n-amy1 Acetate
Concen: 19.363 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

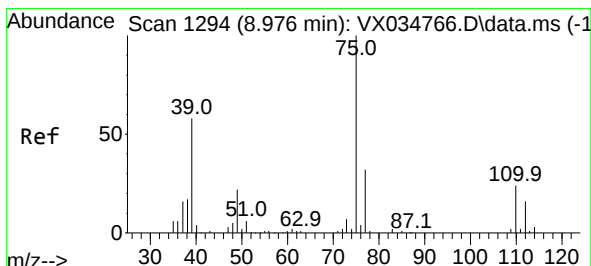
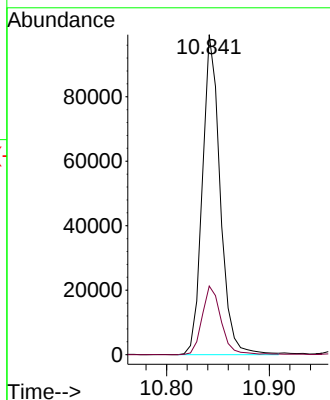
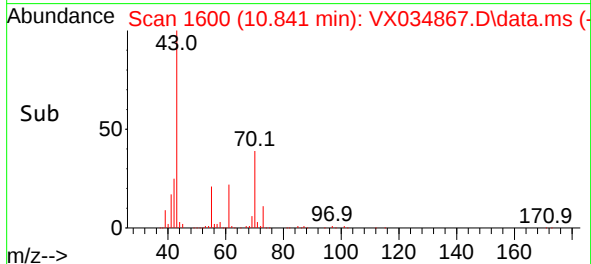
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 43 Resp: 119670
Ion Ratio Lower Upper
43 100
55 22.6 18.6 28.0

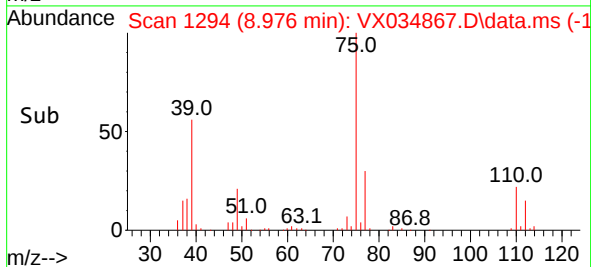
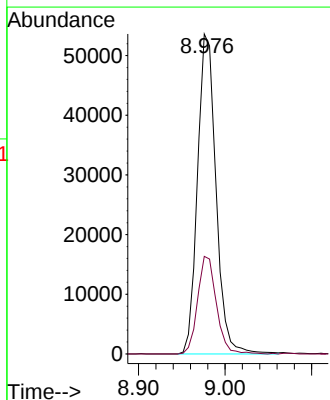
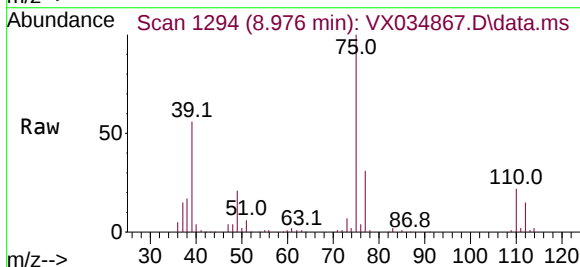
Manual Integrations
APPROVED

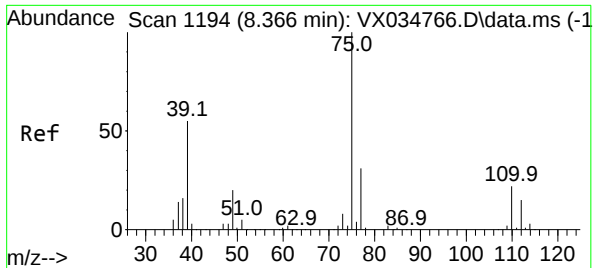
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
t-1,3-Dichloropropene
Concen: 19.278 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

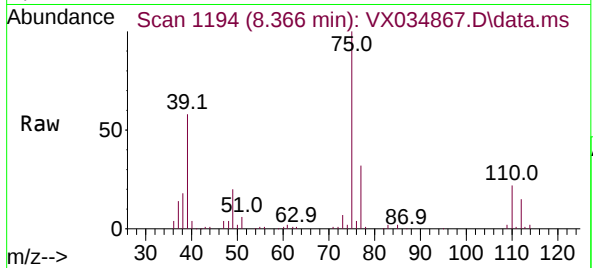
Tgt Ion: 75 Resp: 79714
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3





#49
 cis-1,3-Dichloropropene
 Concen: 19.619 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

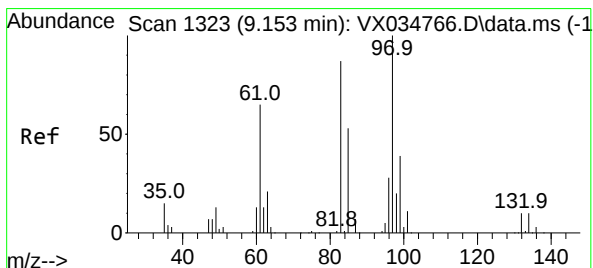
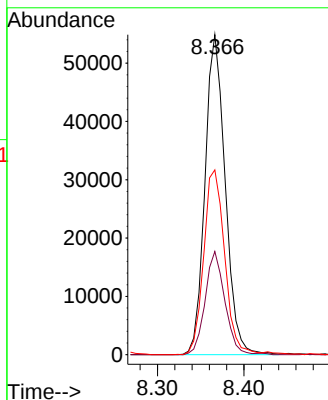
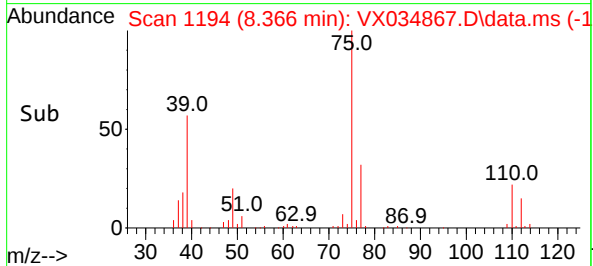
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01



Tgt Ion: 75 Resp: 89124
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0
 39 57.6 44.2 66.2

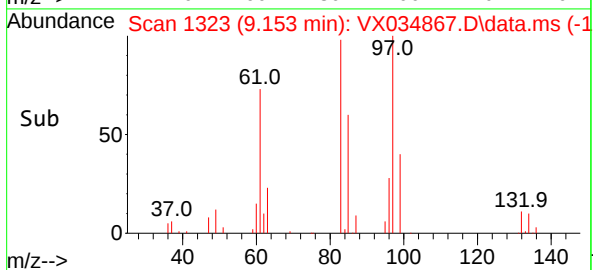
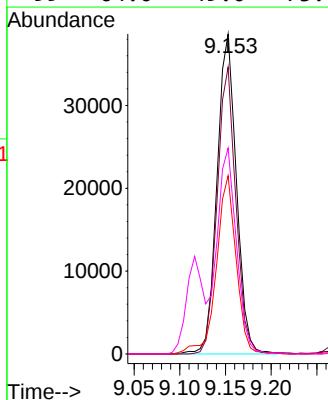
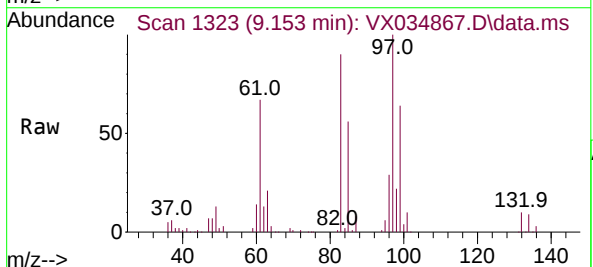
Manual Integrations
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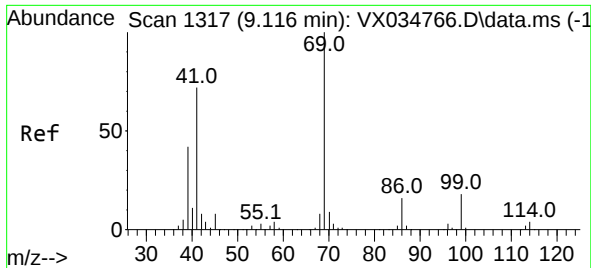
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#50
 1,1,2-Trichloroethane
 Concen: 20.320 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

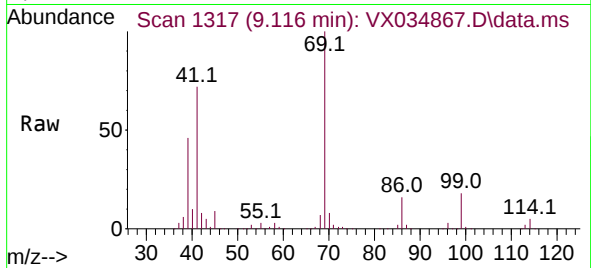
Tgt Ion: 97 Resp: 57035
 Ion Ratio Lower Upper
 97 100
 83 89.7 68.9 103.3
 85 55.5 44.0 66.0
 99 64.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.238 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

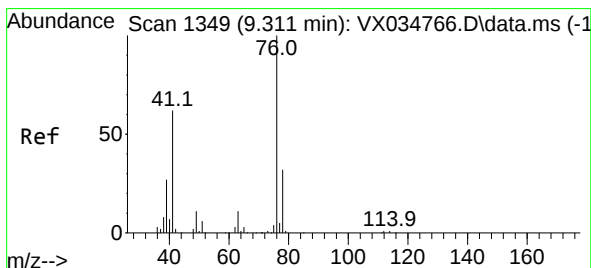
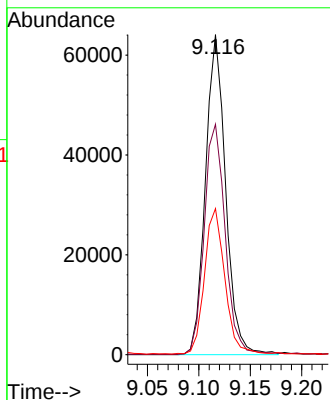
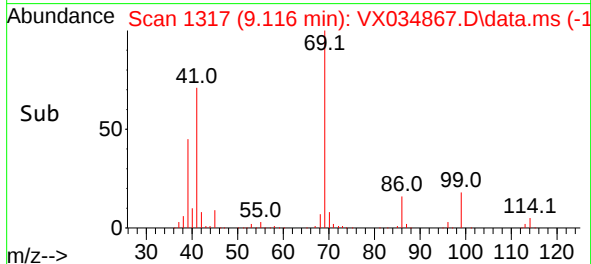
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



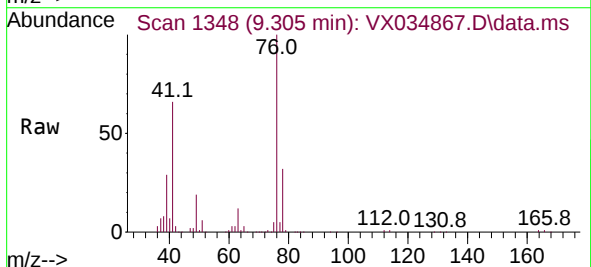
Tgt Ion: 69 Resp: 87640
Ion Ratio Lower Upper
69 100
41 71.9 36.2 108.6
39 45.2 21.2 63.6

Manual Integrations
APPROVED

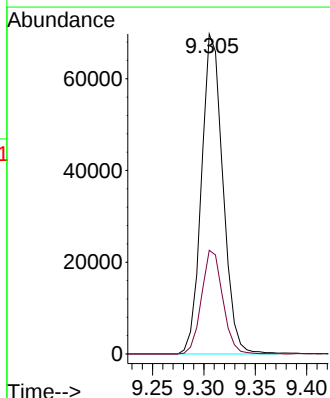
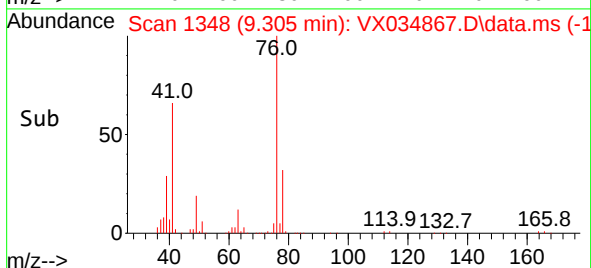
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

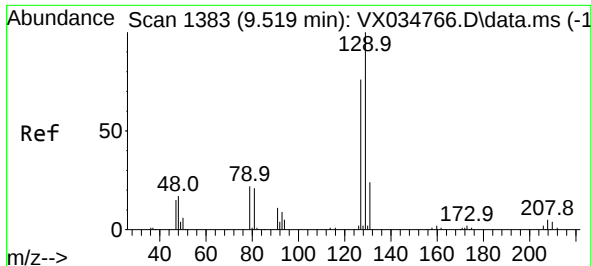


#52
1,3-Dichloropropane
Concen: 20.419 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



Tgt Ion: 76 Resp: 101243
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.8





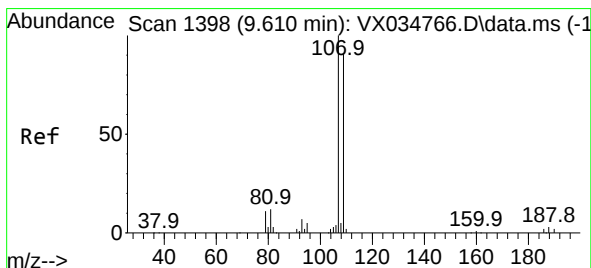
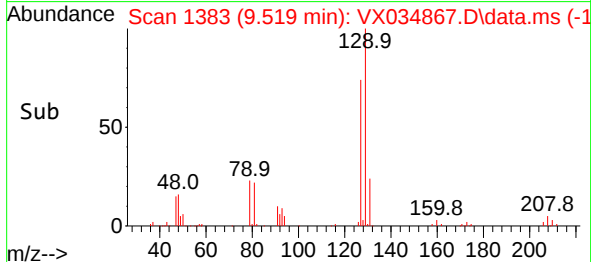
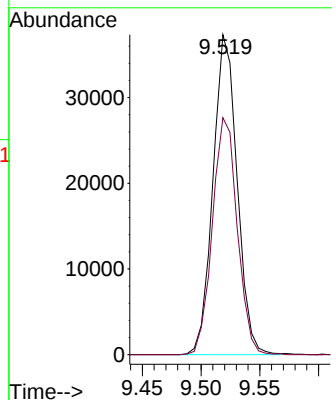
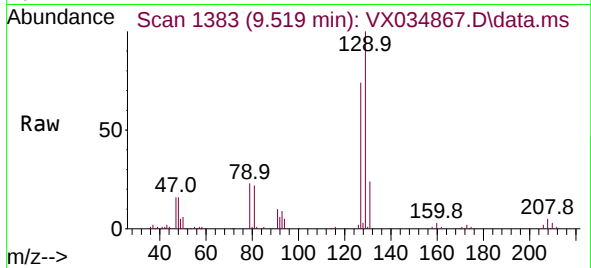
#53
Dibromochloromethane
Concen: 19.236 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion:129 Resp: 53415
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.5

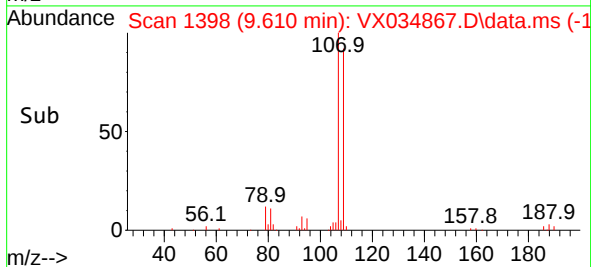
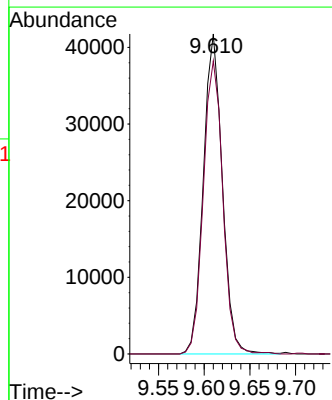
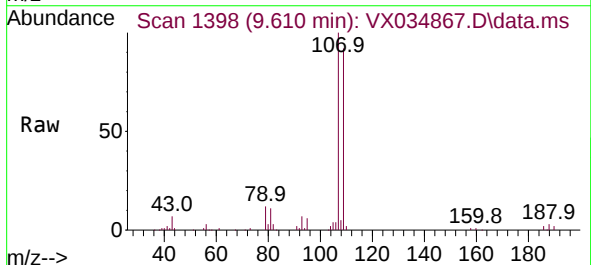
Manual Integrations
APPROVED

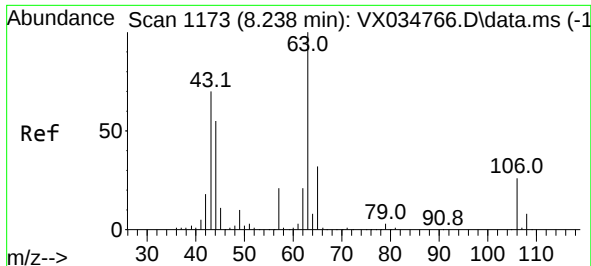
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#54
1,2-Dibromoethane
Concen: 20.106 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion:107 Resp: 60366
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2





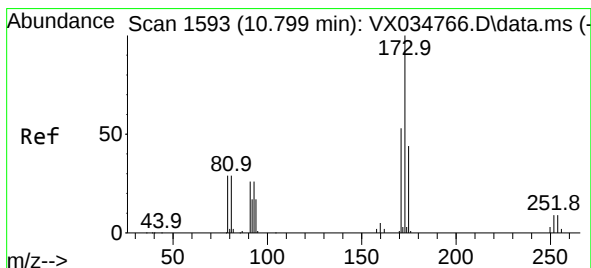
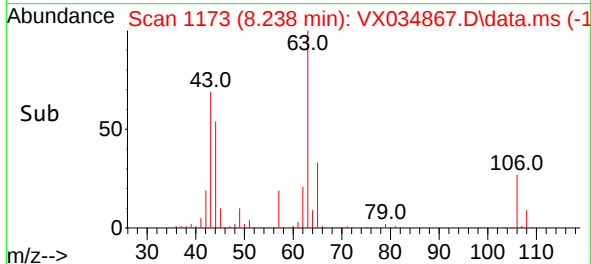
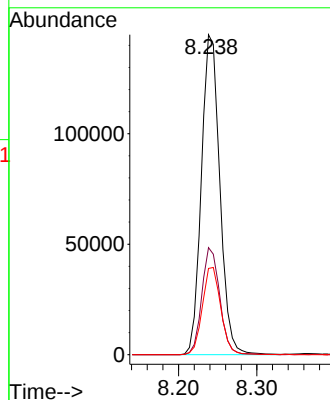
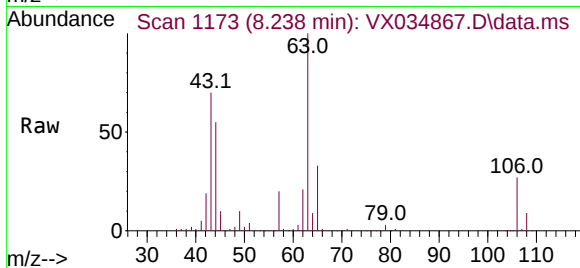
#55
2-Chloroethyl vinyl ether
Concen: 98.744 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 63 Resp: 236729
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.2
106 27.3 21.6 32.4

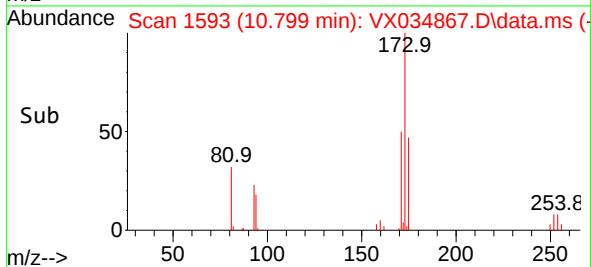
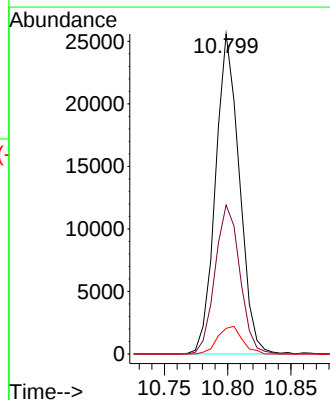
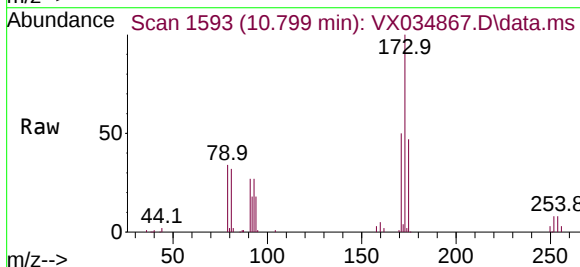
Manual Integrations
APPROVED

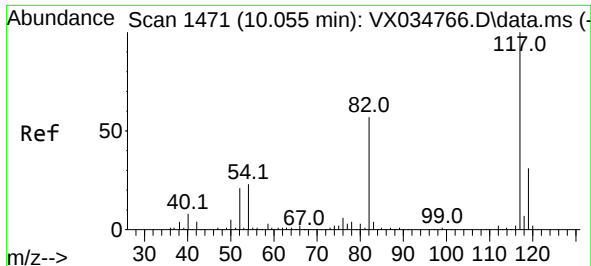
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#56
Bromoform
Concen: 17.502 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

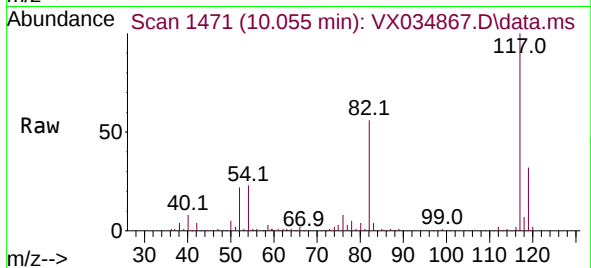
Tgt Ion:173 Resp: 33509
Ion Ratio Lower Upper
173 100
175 48.4 37.0 55.4
254 8.9 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

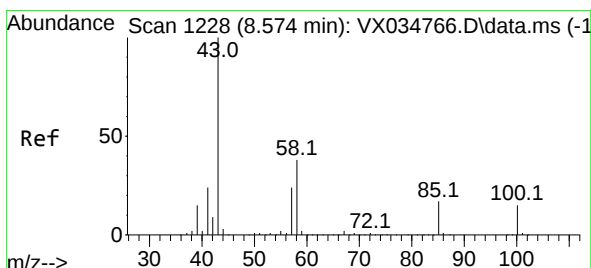
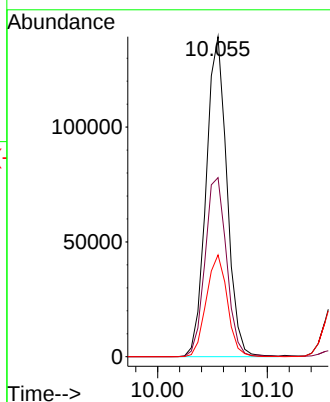
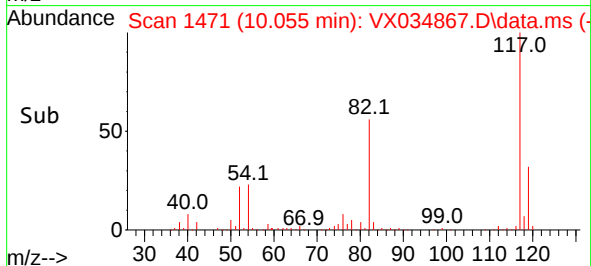
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 117 Resp: 183498
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 32.1 25.4 38.0

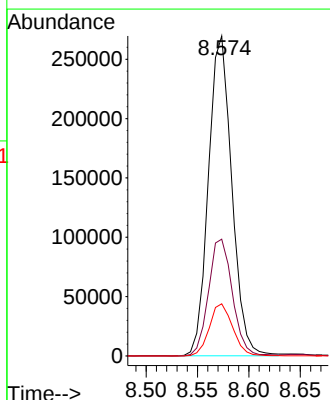
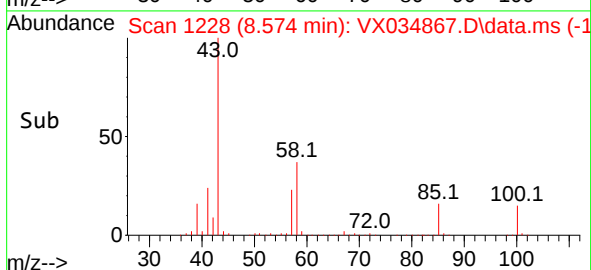
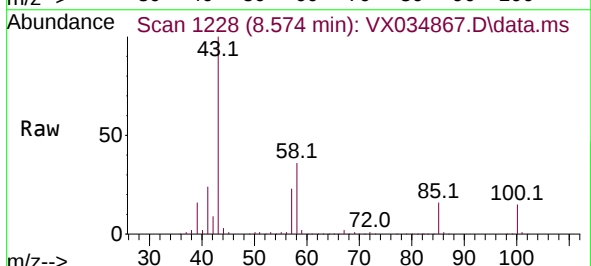
Manual Integrations
APPROVED

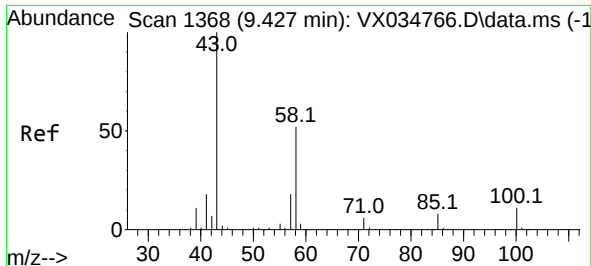
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#58
4-Methyl-2-Pentanone
Concen: 101.283 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

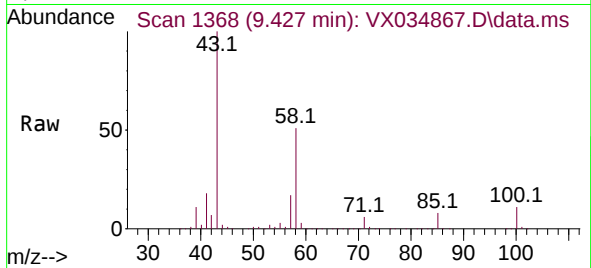
Tgt Ion: 43 Resp: 426119
Ion Ratio Lower Upper
43 100
58 37.5 29.9 44.9
85 16.4 13.2 19.8





#59
2-Hexanone
Concen: 103.709 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

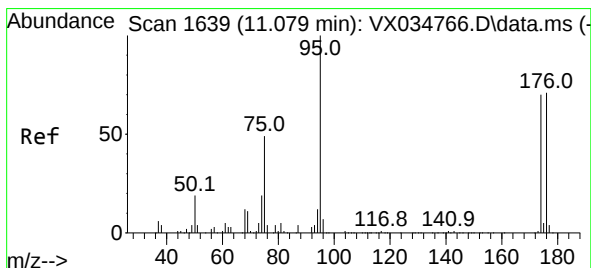
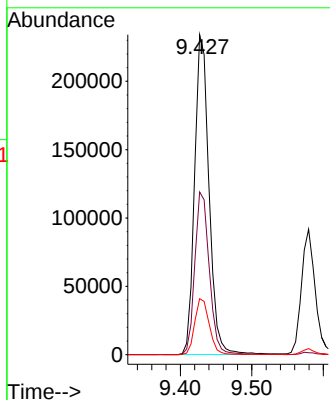
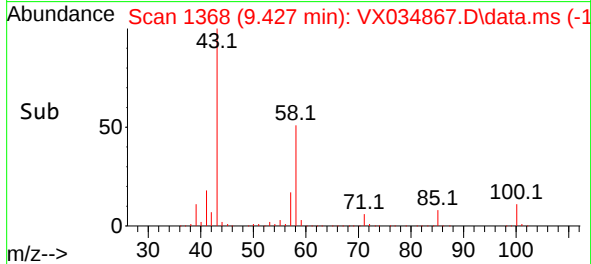
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



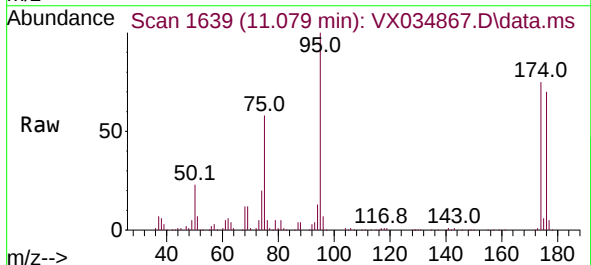
Tgt Ion: 43 Resp: 32851
Ion Ratio Lower Upper
43 100
58 51.3 41.7 62.5
57 17.6 14.7 22.1

Manual Integrations
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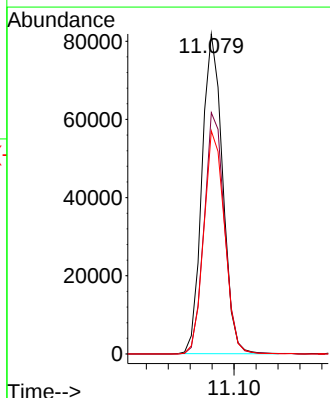
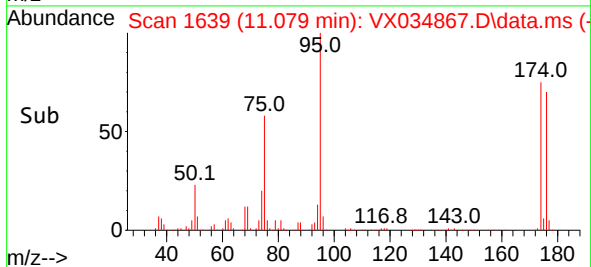
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

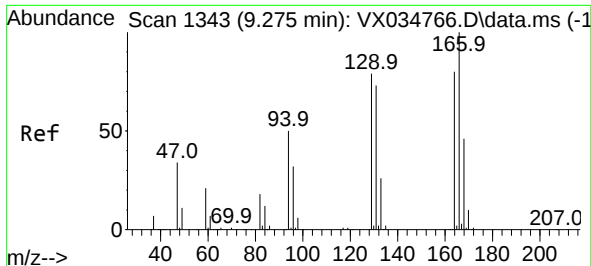


#60
4-Bromofluorobenzene
Concen: 29.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



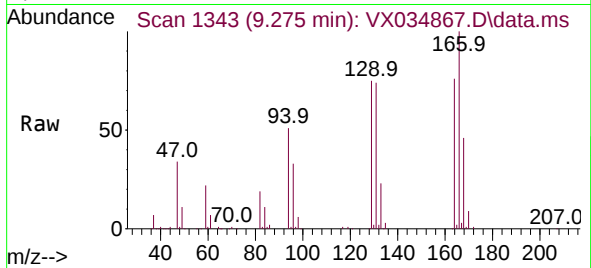
Tgt Ion: 95 Resp: 106600
Ion Ratio Lower Upper
95 100
174 74.6 0.2 0.4#
176 70.5 0.2 0.2#





#61
Tetrachloroethene
Concen: 20.514 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

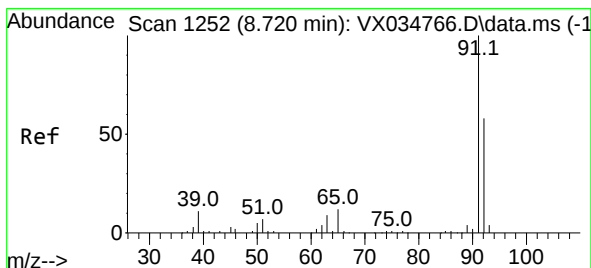
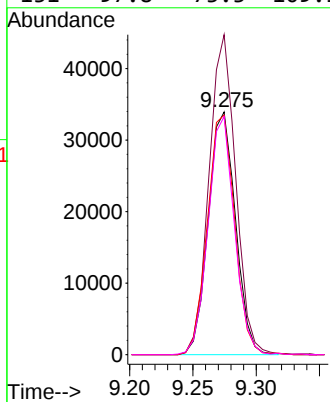
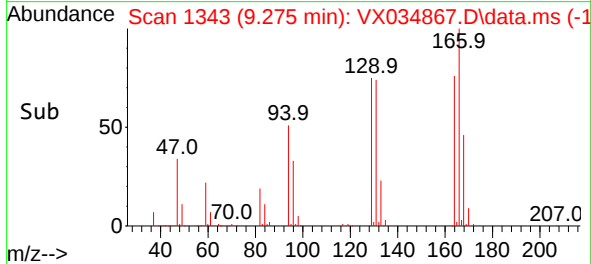
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:164 Resp: 5072
Ion Ratio Lower Upper
164 100
166 131.9 100.1 150.1
129 98.8 79.1 118.7
131 97.8 73.3 109.9

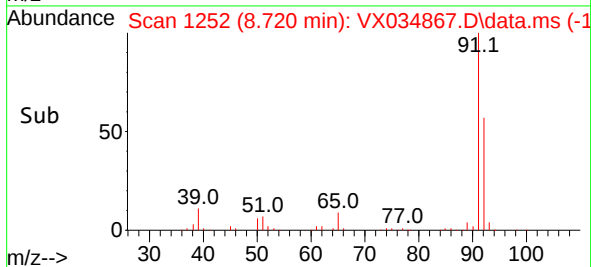
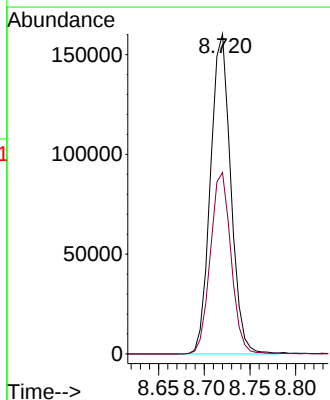
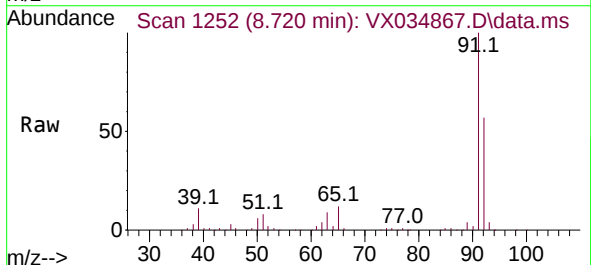
Manual Integrations
APPROVED

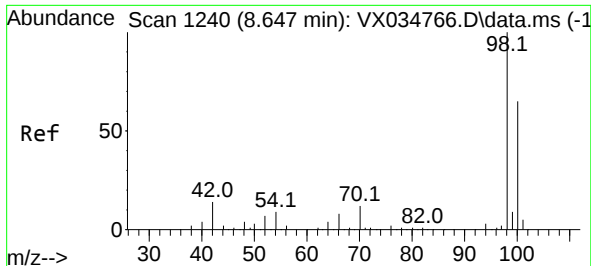
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
Toluene
Concen: 20.626 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

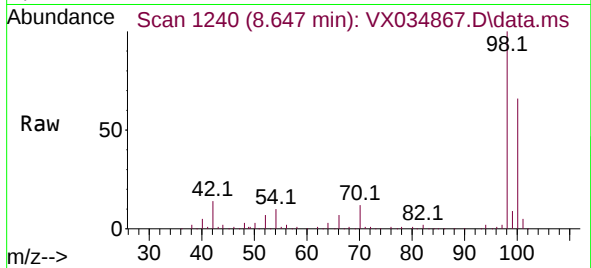
Tgt Ion: 91 Resp: 247484
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 30.088 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

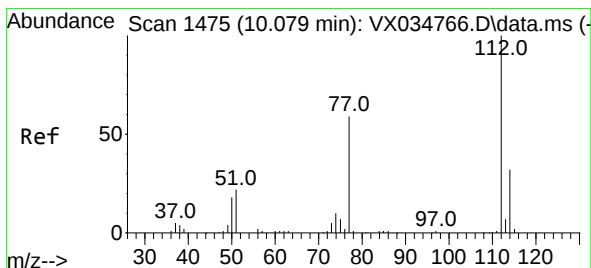
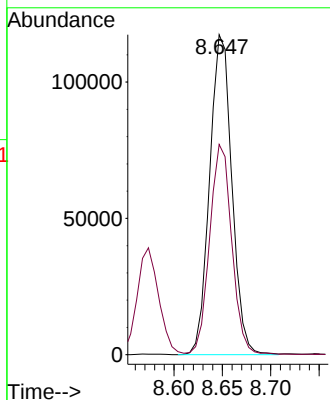
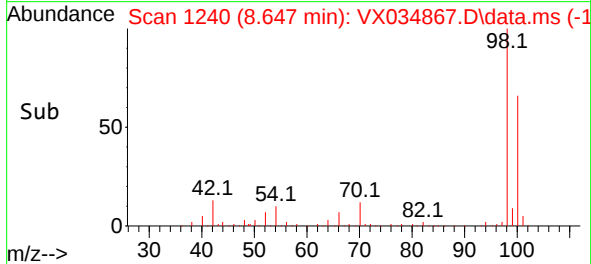
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



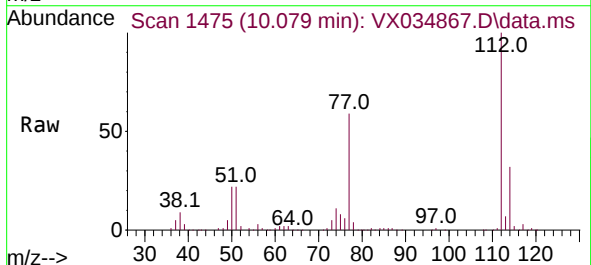
Tgt Ion: 98 Resp: 187629
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

Manual Integrations
APPROVED

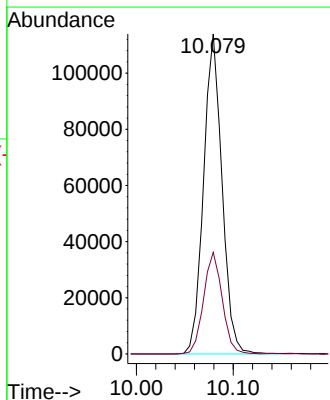
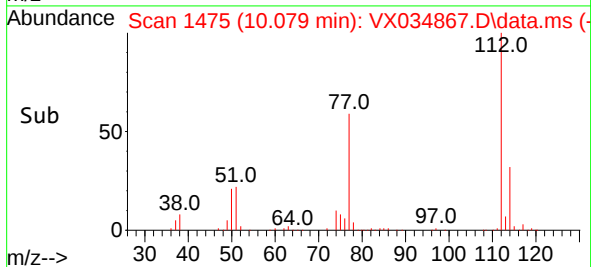
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

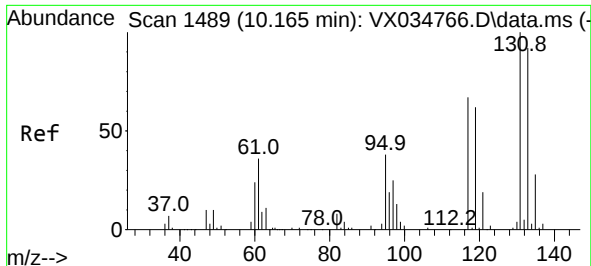


#64
Chlorobenzene
Concen: 20.493 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



Tgt Ion:112 Resp: 151421
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8





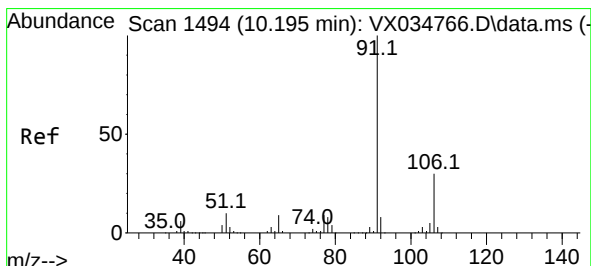
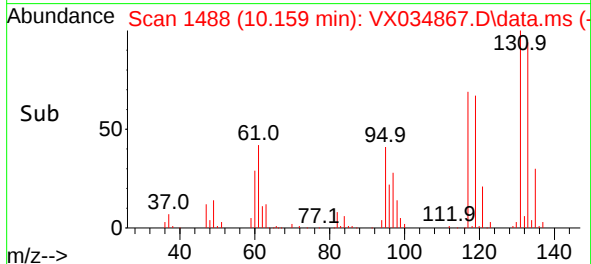
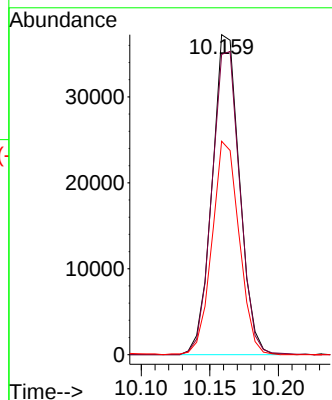
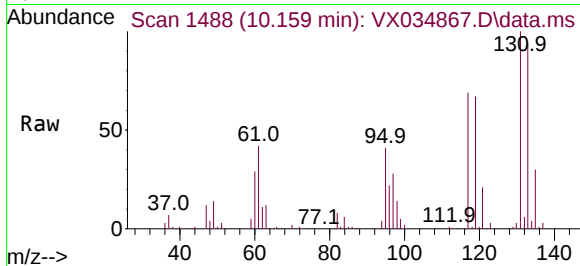
#65
1,1,1,2-Tetrachloroethane
Concen: 19.592 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion:131 Resp: 5175
Ion Ratio Lower Upper
131 100
133 96.8 0.0 186.6
119 65.9 0.0 128.6

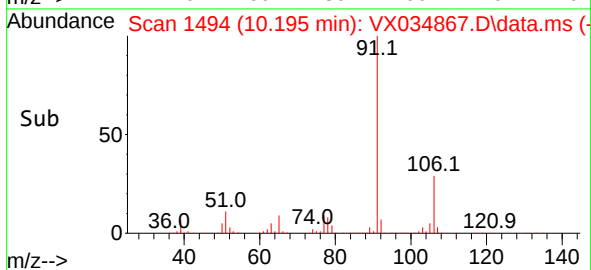
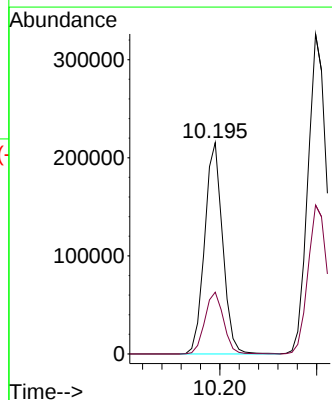
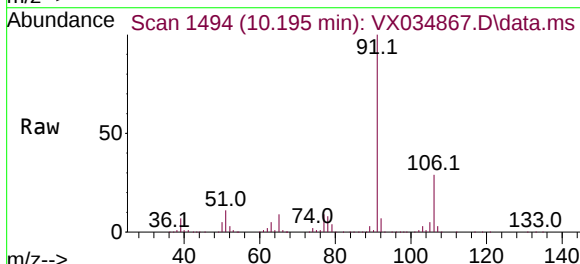
Manual Integrations
APPROVED

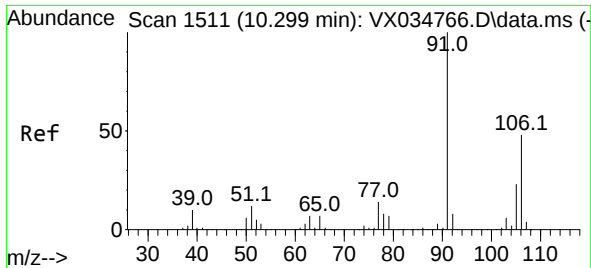
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
Ethyl Benzene
Concen: 20.881 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 91 Resp: 279045
Ion Ratio Lower Upper
91 100
106 29.2 24.4 36.6





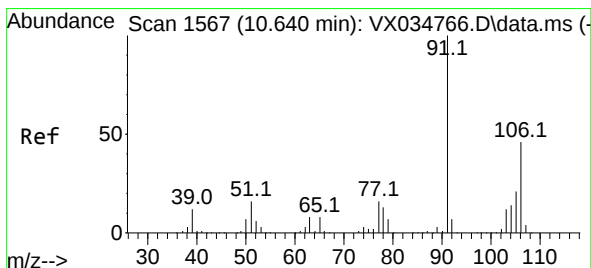
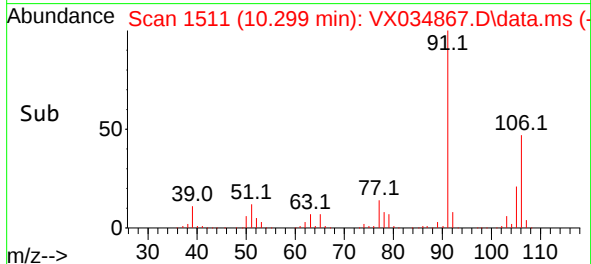
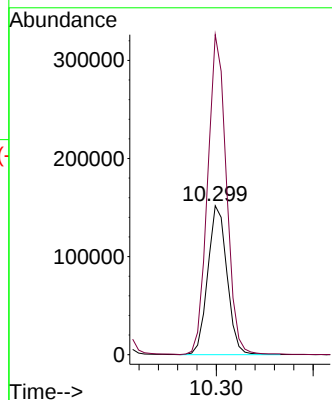
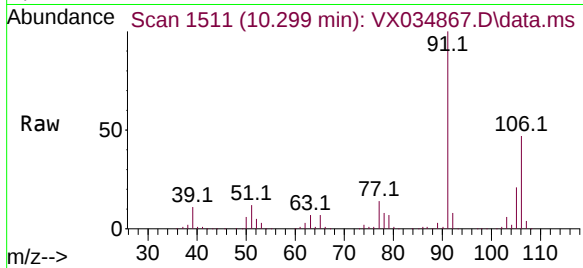
#67
m/p-Xylenes
Concen: 41.311 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion:106 Resp: 210060
Ion Ratio Lower Upper
106 100
91 209.1 167.4 251.2

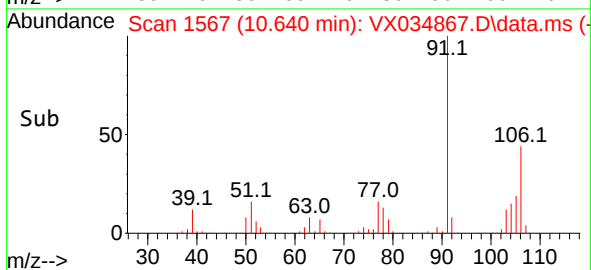
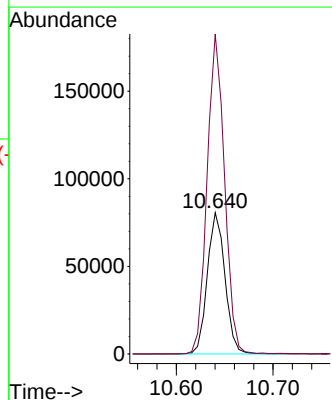
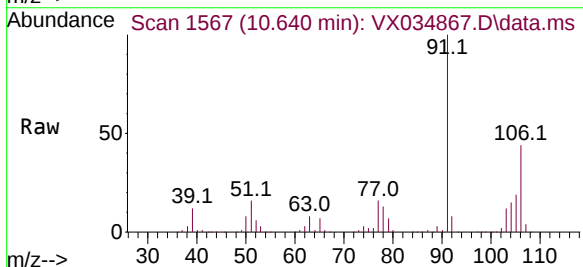
Manual Integrations
APPROVED

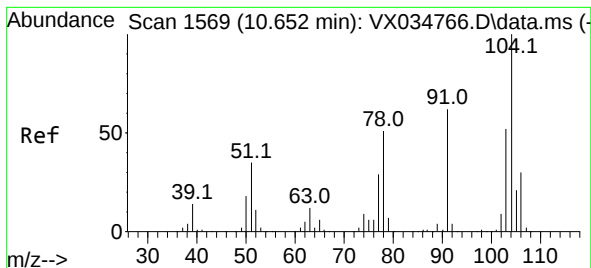
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#68
o-Xylene
Concen: 20.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion:106 Resp: 102339
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.8





#69

Styrene

Concen: 19.980 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034867.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

Tgt Ion:104 Resp: 16563

Ion Ratio Lower Upper

104 100

78 53.6 42.8 64.2

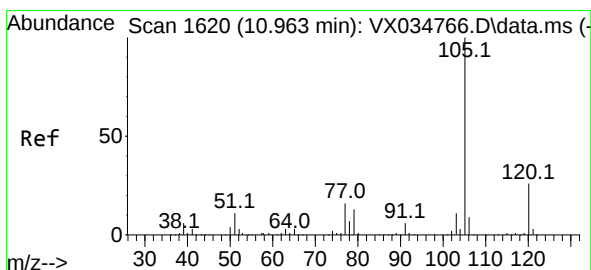
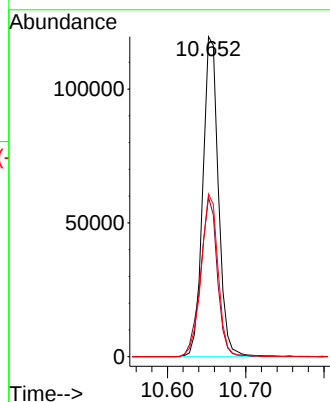
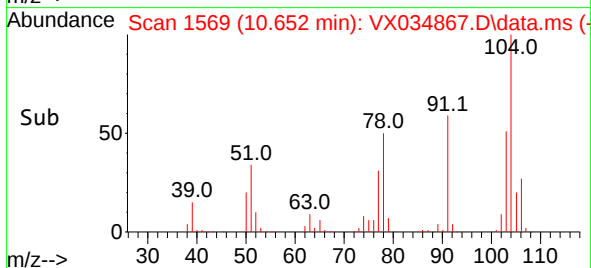
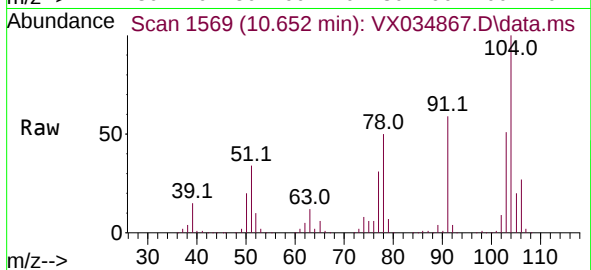
103 55.3 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#70

Isopropylbenzene

Concen: 20.364 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034867.D

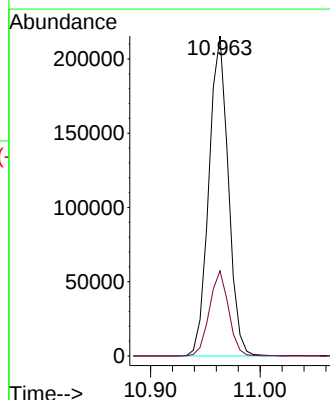
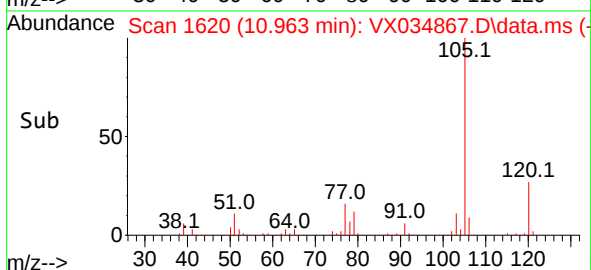
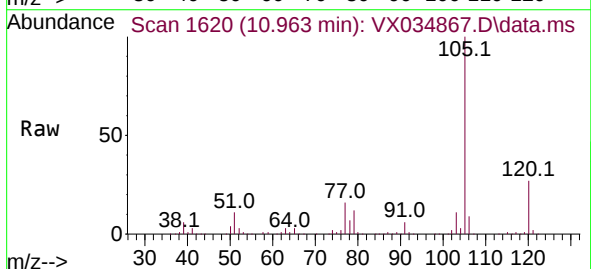
Acq: 31 Mar 2023 10:46

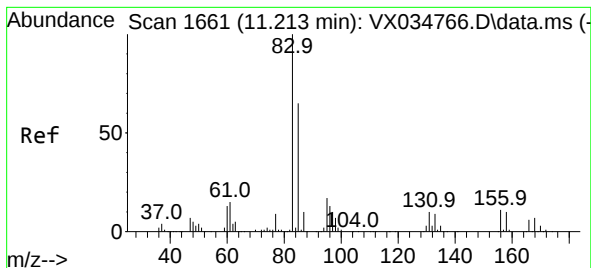
Tgt Ion:105 Resp: 265019

Ion Ratio Lower Upper

105 100

120 26.2 18.5 34.3





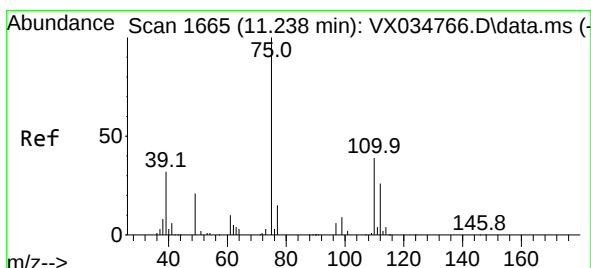
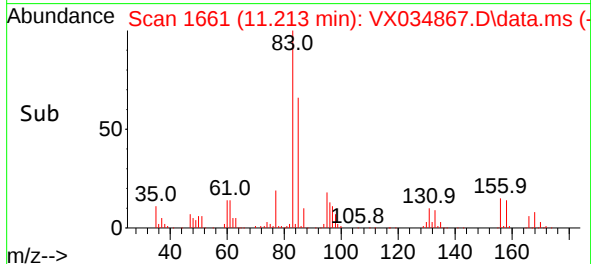
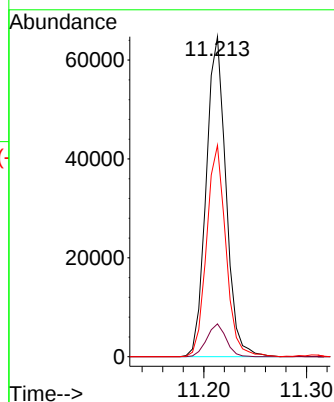
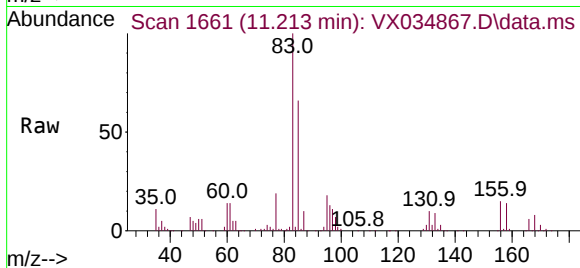
#71
1,1,2,2-Tetrachloroethane
Concen: 20.258 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 83 Resp: 86659
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.4 31.9 95.5

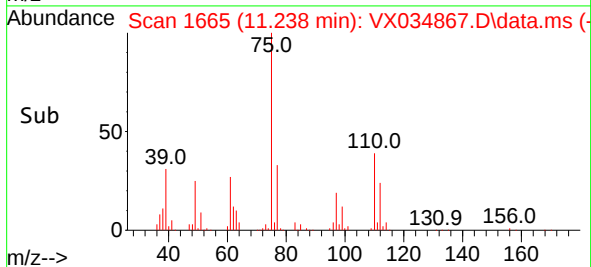
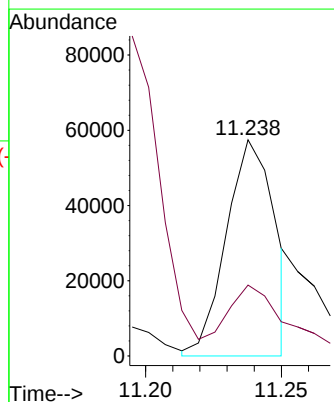
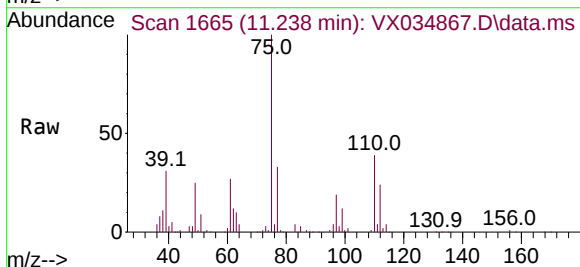
Manual Integrations
APPROVED

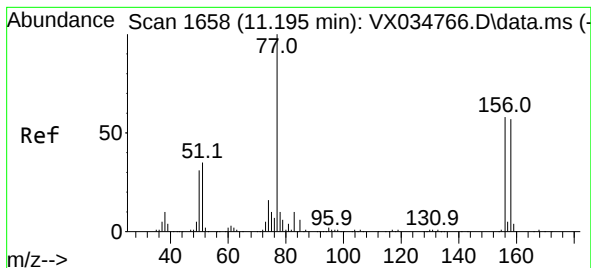
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#72
1,2,3-Trichloropropane
Concen: 18.369 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion: 75 Resp: 71528
Ion Ratio Lower Upper
75 100
77 41.4 0.0 73.8





#73

Bromobenzene

Concen: 20.274 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX034867.D

Acq: 31 Mar 2023 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

Tgt Ion:156 Resp: 6336

Ion Ratio Lower Upper

156 100

77 170.6 0.0 330.8

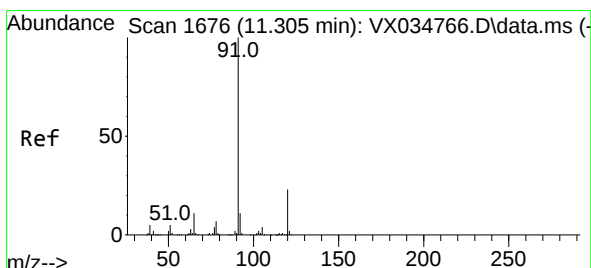
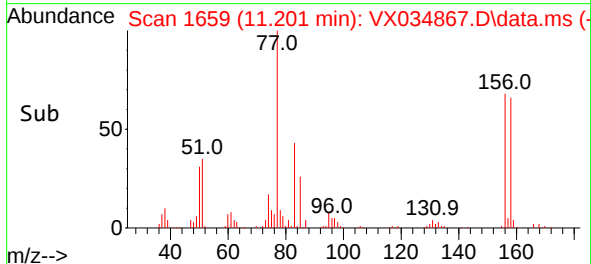
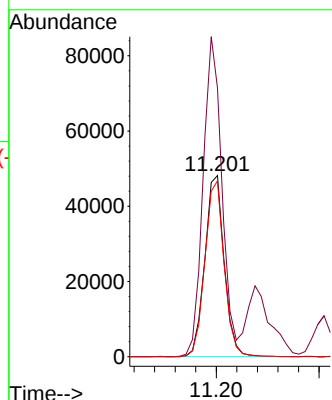
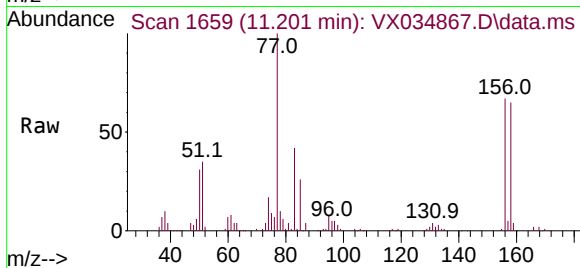
158 96.0 0.0 193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#74

n-propylbenzene

Concen: 20.550 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX034867.D

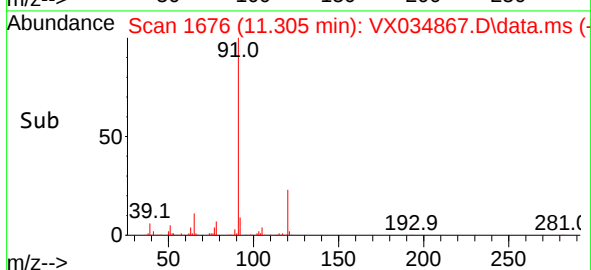
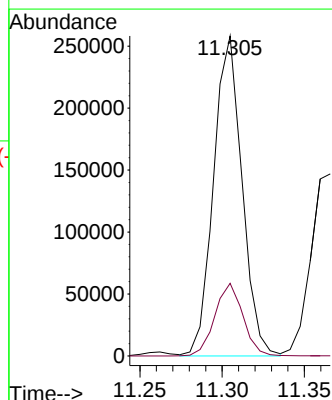
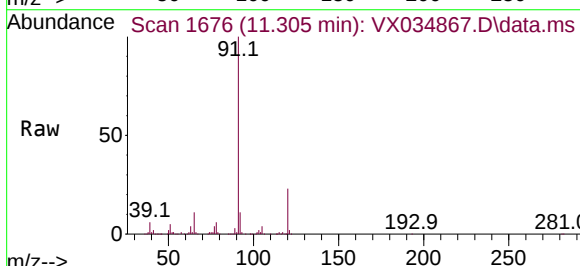
Acq: 31 Mar 2023 10:46

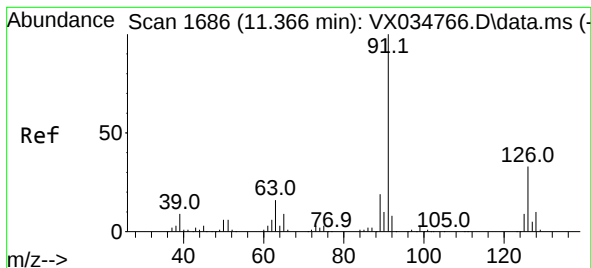
Tgt Ion: 91 Resp: 311336

Ion Ratio Lower Upper

91 100

120 22.5 0.0 44.8





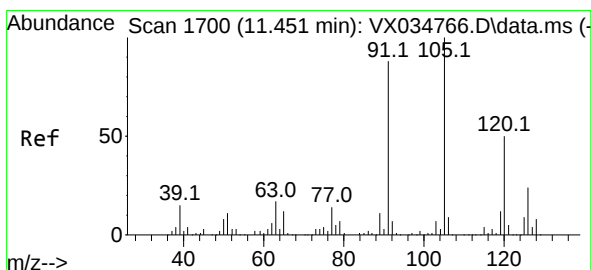
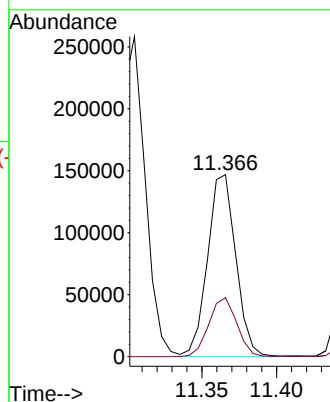
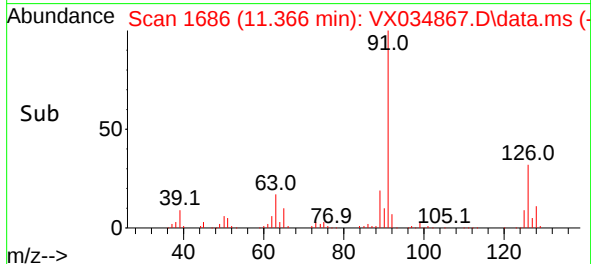
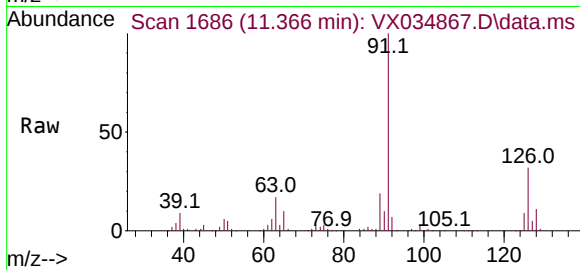
#75
2-Chlorotoluene
Concen: 20.465 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 91 Resp: 19328
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.4

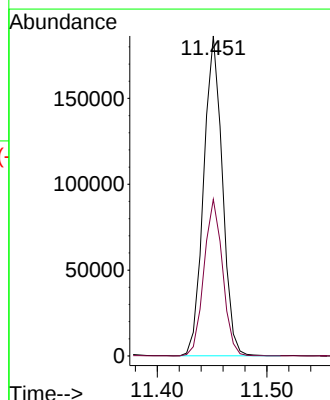
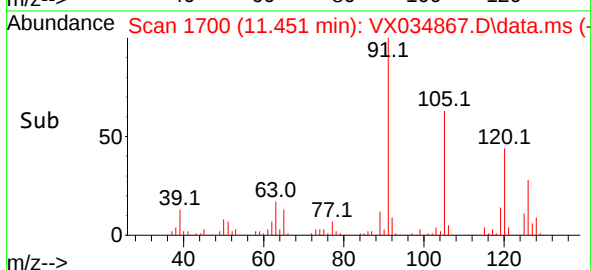
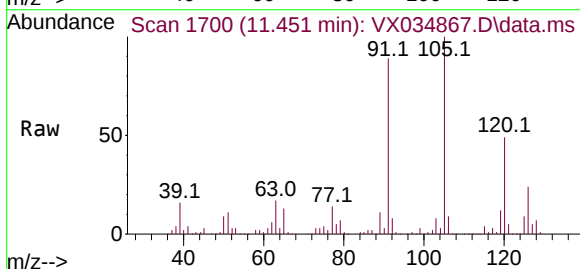
Manual Integrations
APPROVED

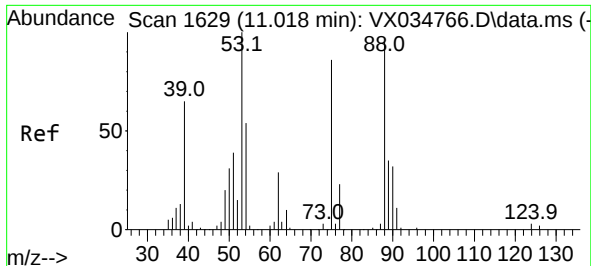
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.149 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion:105 Resp: 220737
Ion Ratio Lower Upper
105 100
120 48.8 0.0 96.4





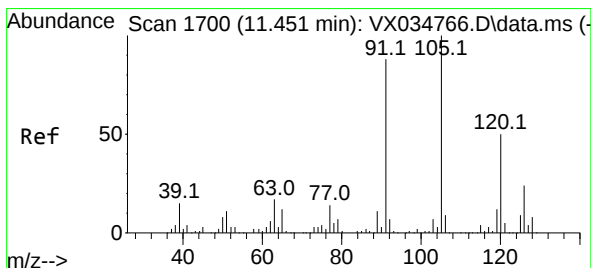
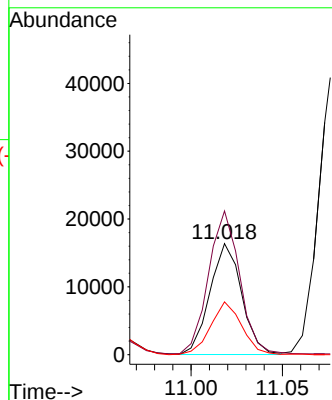
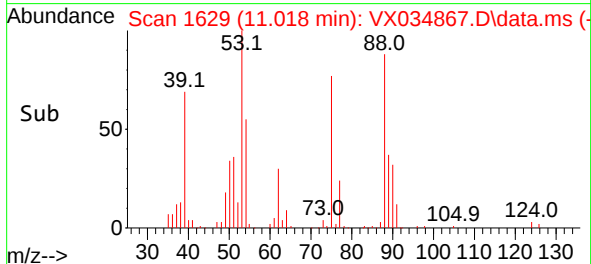
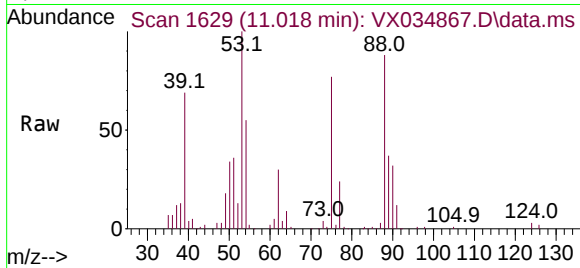
#77
t-1,4-Dichloro-2-butene
Concen: 16.631 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tgt Ion: 75 Resp: 19889
Ion Ratio Lower Upper
75 100
53 128.8 58.2 174.6
89 47.4 20.6 61.8

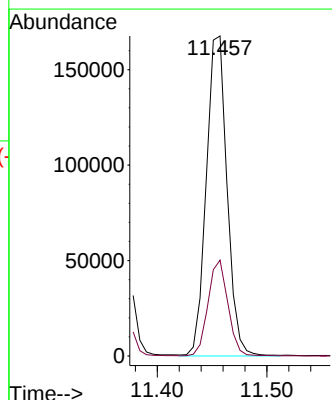
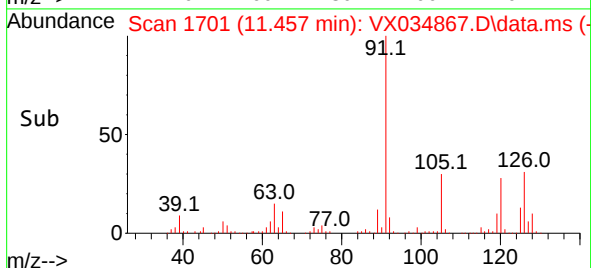
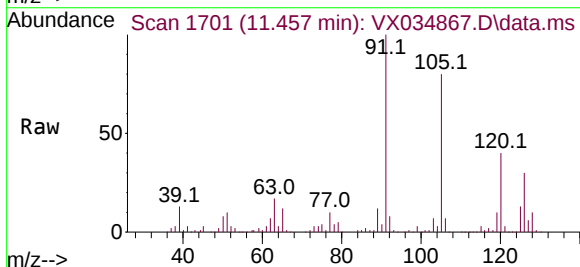
Manual Integrations
APPROVED

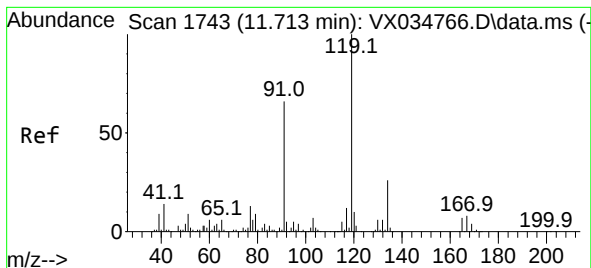
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#78
4-Chlorotoluene
Concen: 20.390 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

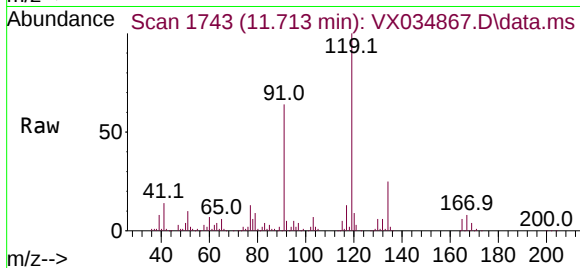
Tgt Ion: 91 Resp: 220773
Ion Ratio Lower Upper
91 100
126 28.4 0.0 56.8





#79
tert-butylbenzene
Concen: 19.869 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

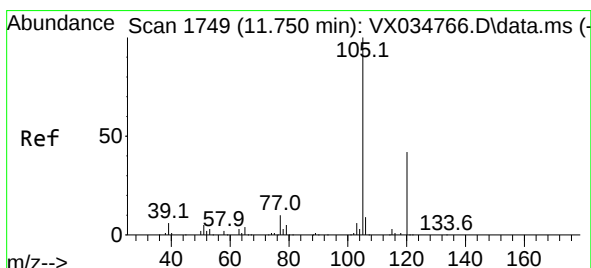
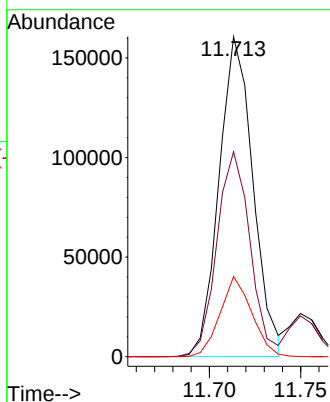
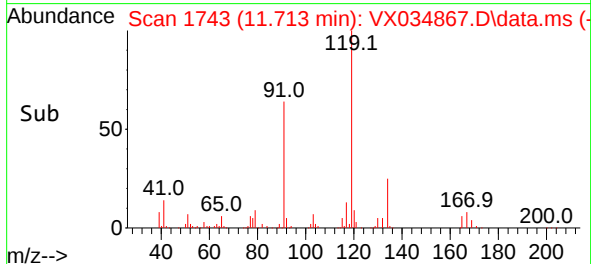
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



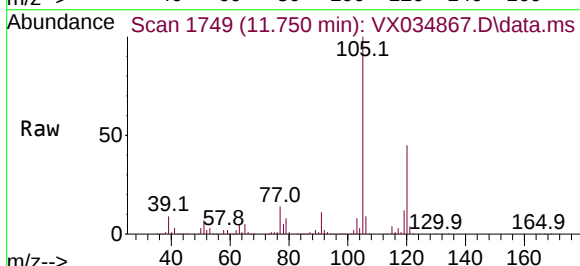
Tgt Ion:119 Resp: 20778
Ion Ratio Lower Upper
119 100
91 63.0 0.0 122.4
134 23.5 0.0 49.2

Manual Integrations
APPROVED

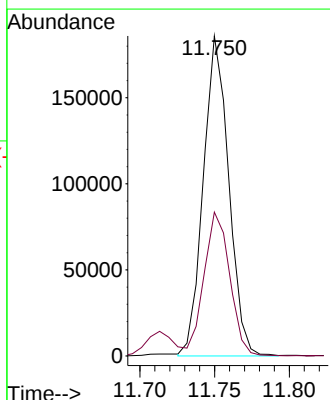
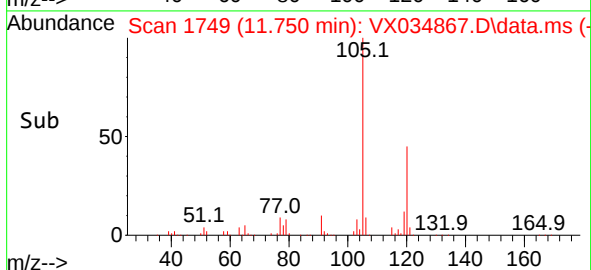
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

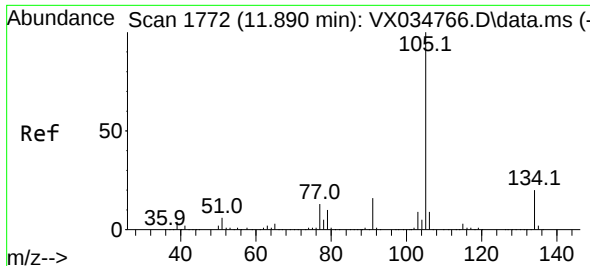


#80
1,2,4-Trimethylbenzene
Concen: 20.186 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



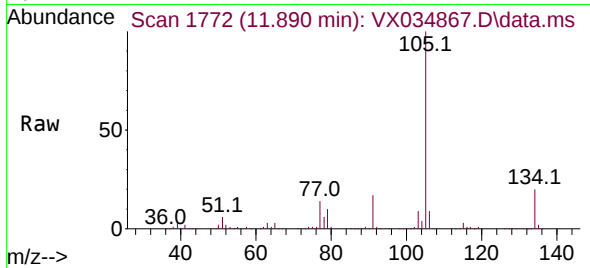
Tgt Ion:105 Resp: 219754
Ion Ratio Lower Upper
105 100
120 45.3 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.034 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46

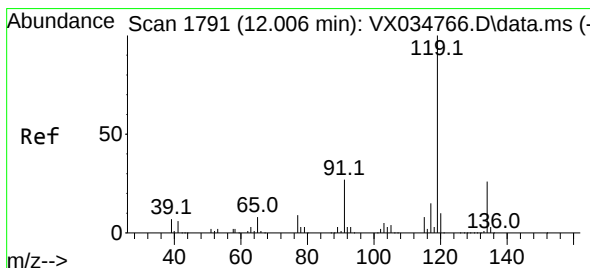
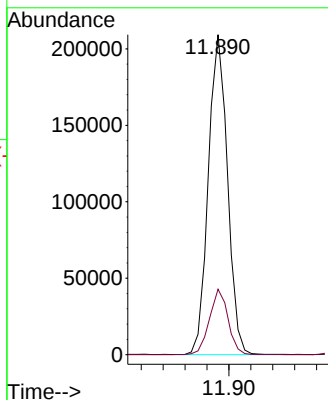
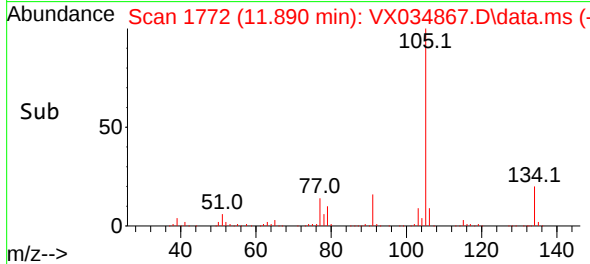
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01



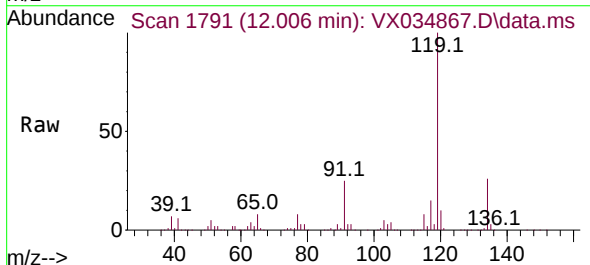
Tgt Ion:105 Resp: 253872
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.2

Manual Integrations
 APPROVED

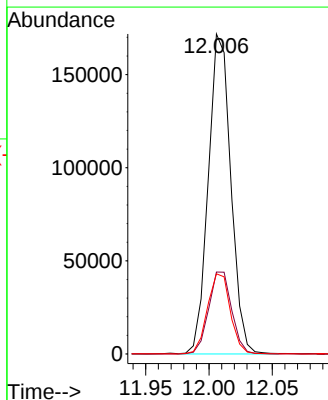
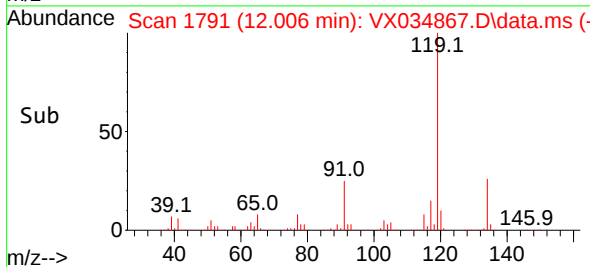
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

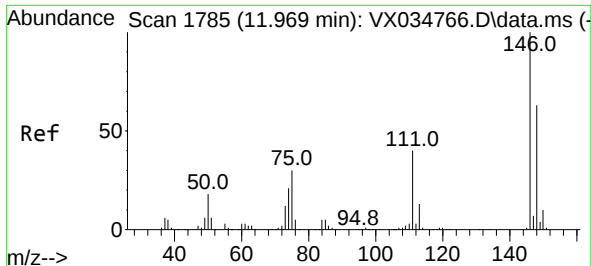


#82
 p-Isopropyltoluene
 Concen: 19.926 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034867.D
 Acq: 31 Mar 2023 10:46



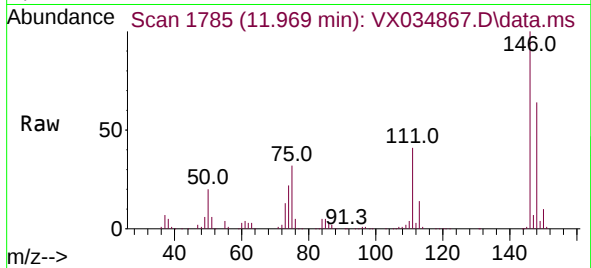
Tgt Ion:119 Resp: 213078
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 25.5 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 20.113 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

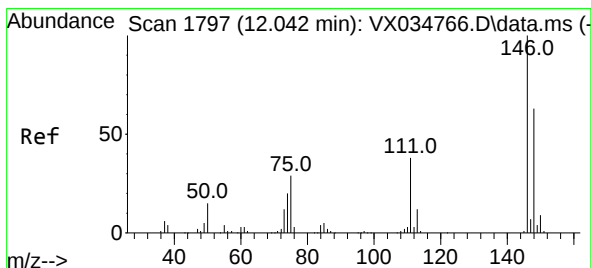
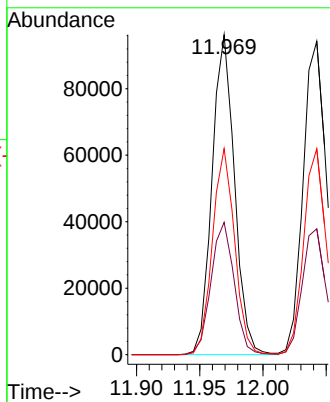
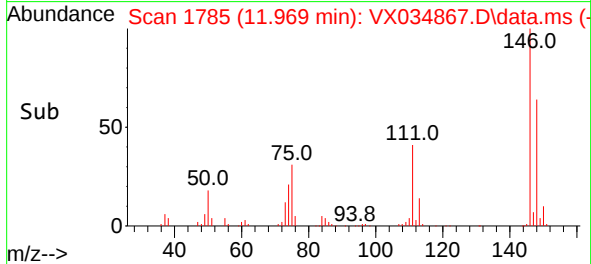
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



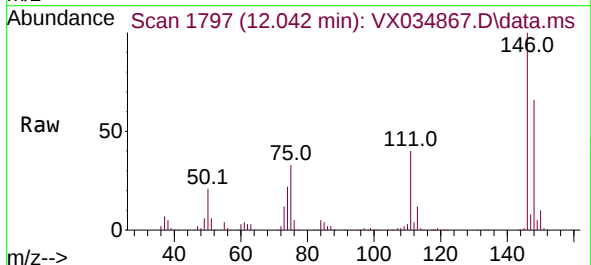
Tgt Ion:146 Resp: 118709
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.9
148 63.3 31.6 94.7

Manual Integrations
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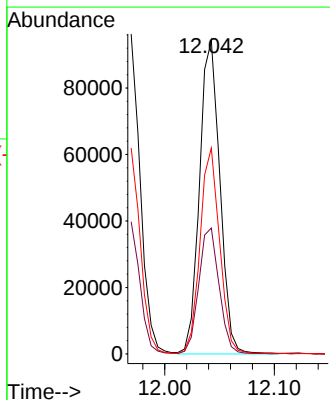
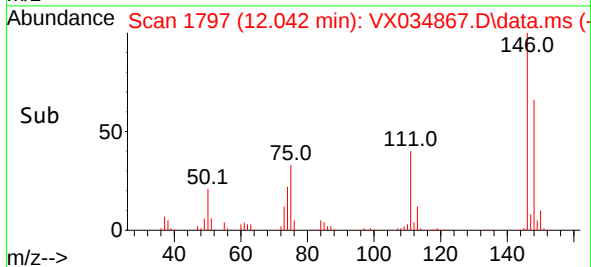
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

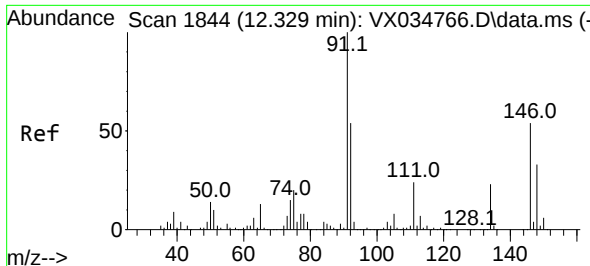


#84
1,4-Dichlorobenzene
Concen: 20.553 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



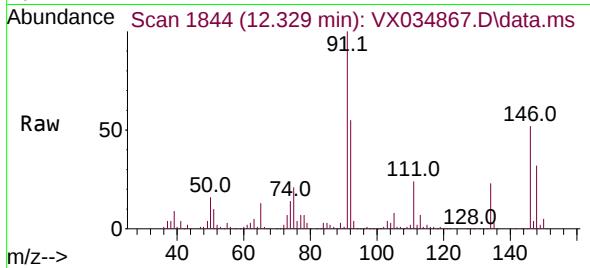
Tgt Ion:146 Resp: 121823
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 62.8 31.8 95.3





#85
n-Butylbenzene
Concen: 20.136 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

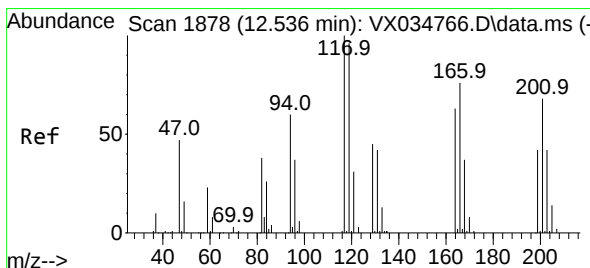
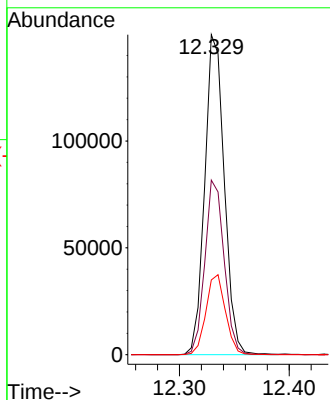
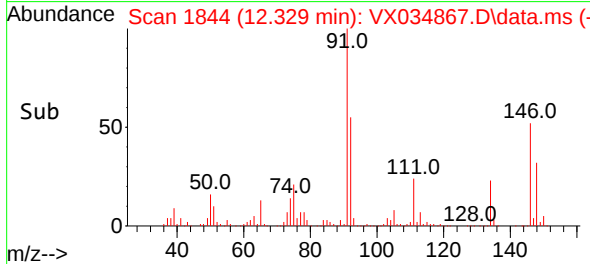
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion: 91 Resp: 185579
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.6
134 25.0 0.0 49.8

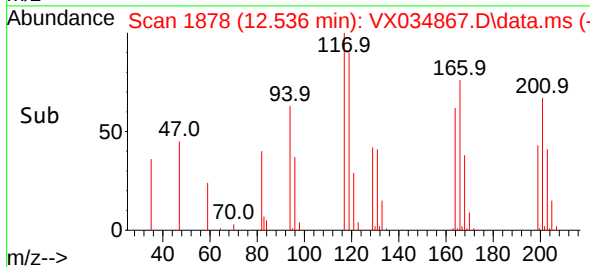
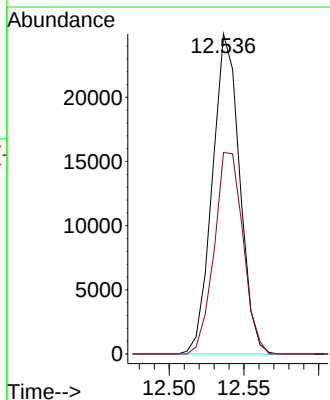
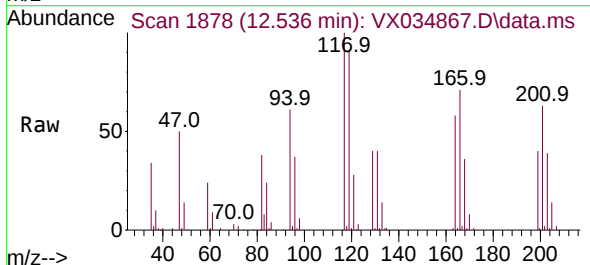
Manual Integrations
APPROVED

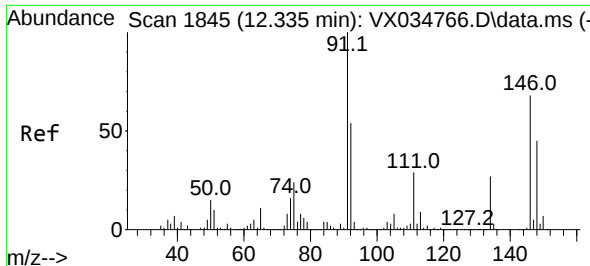
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#86
Hexachloroethane
Concen: 18.079 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

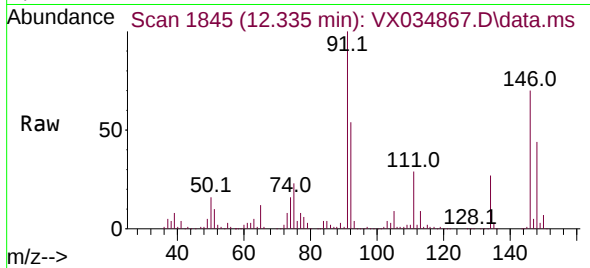
Tgt Ion:117 Resp: 31664
Ion Ratio Lower Upper
117 100
201 66.5 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

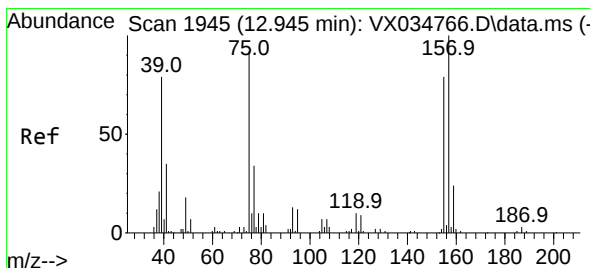
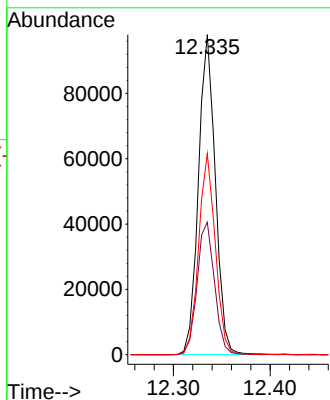
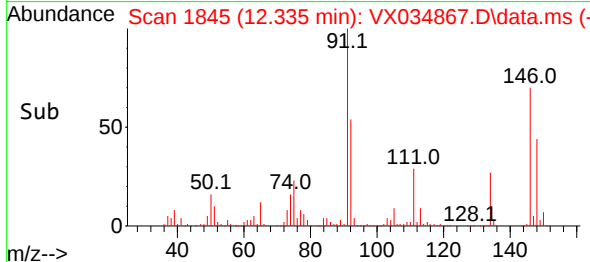
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:146 Resp: 11904
Ion Ratio Lower Upper
146 100
111 42.8 21.3 64.0
148 62.1 31.7 95.1

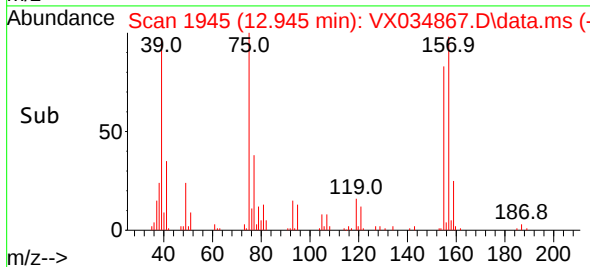
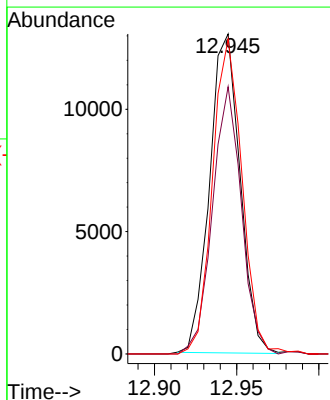
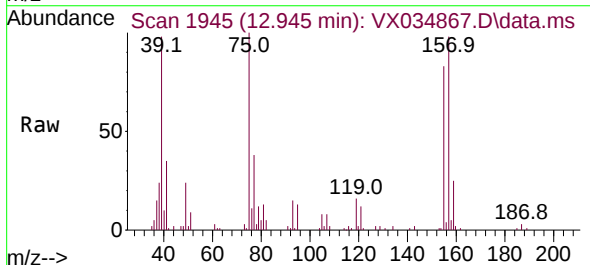
Manual Integrations
APPROVED

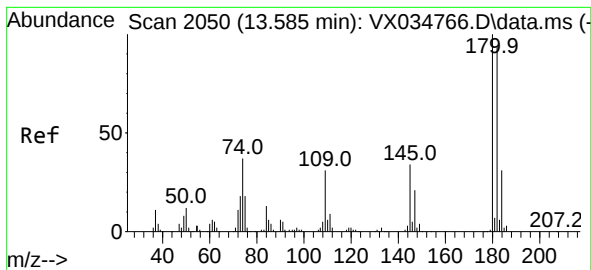
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.977 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

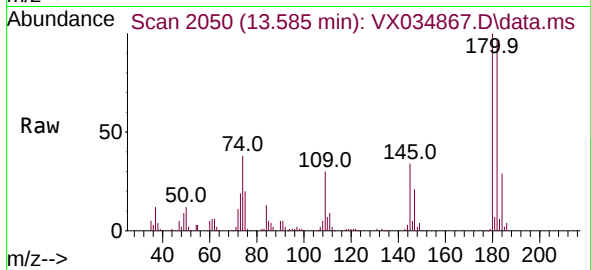
Tgt Ion: 75 Resp: 16805
Ion Ratio Lower Upper
75 100
155 79.4 63.7 95.5
157 95.1 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 19.569 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

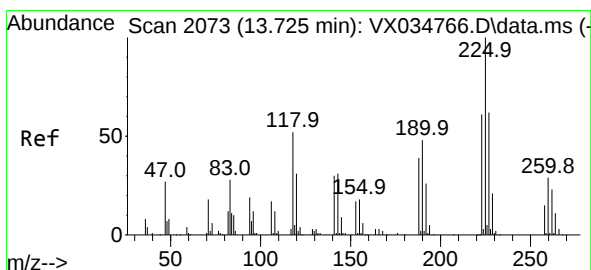
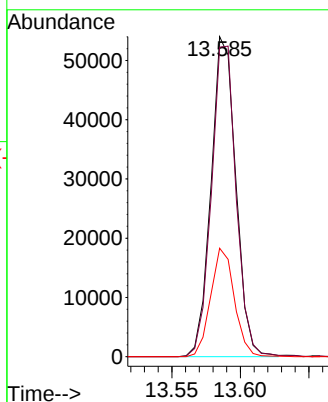
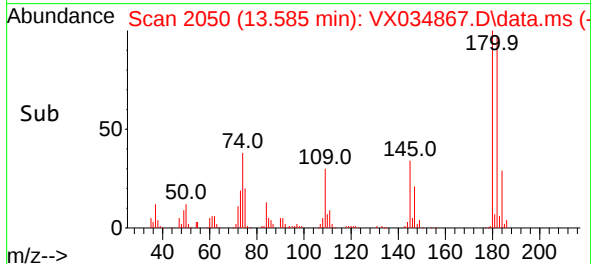
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



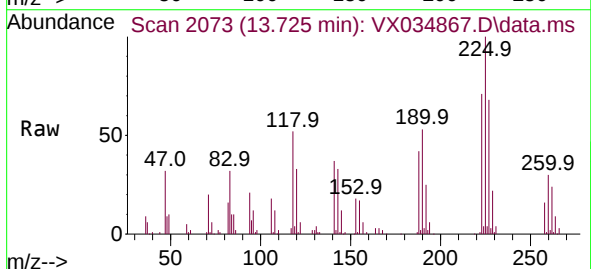
Tgt Ion:180 Resp: 67798
Ion Ratio Lower Upper
180 100
182 97.1 75.8 113.8
145 32.5 25.8 38.6

Manual Integrations
APPROVED

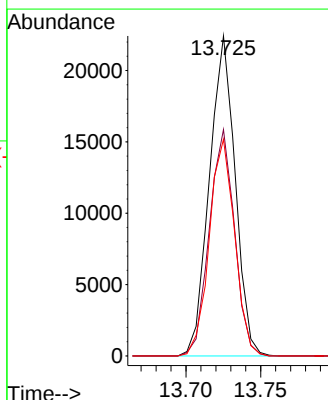
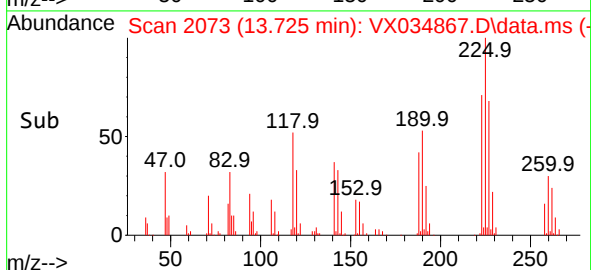
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

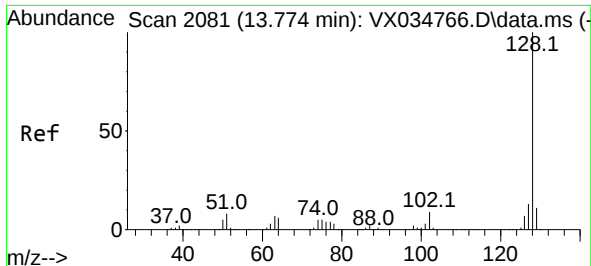


#90
Hexachlorobutadiene
Concen: 20.099 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46



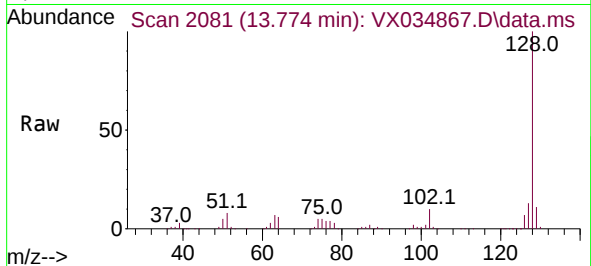
Tgt Ion:225 Resp: 26855
Ion Ratio Lower Upper
225 100
223 69.1 0.0 124.2
227 66.6 0.0 122.8





#91
Naphthalene
Concen: 19.755 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

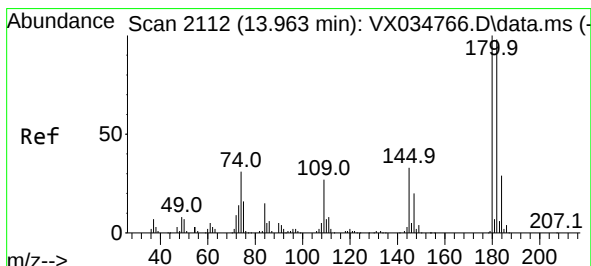
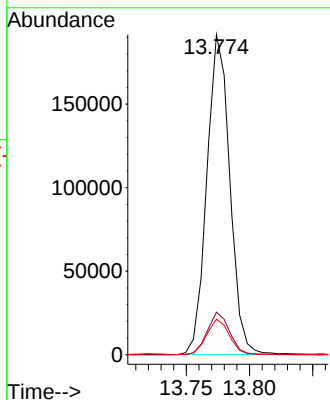
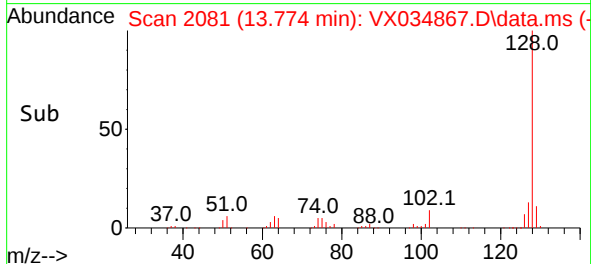
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01



Tgt Ion:128 Resp: 24181
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.005 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034867.D
Acq: 31 Mar 2023 10:46

Tgt Ion:180 Resp: 69287
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 33.5 0.0 66.8

