

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034061.D
 Acq On : 07 Feb 2023 15:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 15:41:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	145355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	196299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63653	45.424	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.840%		
35) Dibromofluoromethane	5.385	113	57407	45.951	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.900%		
50) Toluene-d8	8.647	98	208126	46.238	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.480%		
62) 4-Bromofluorobenzene	11.079	95	77522	48.222	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60882	51.525	ug/l	99
3) Chloromethane	1.294	50	53293	47.794	ug/l	100
4) Vinyl Chloride	1.374	62	52521	44.976	ug/l	99
5) Bromomethane	1.605	94	28801	47.895	ug/l	99
6) Chloroethane	1.685	64	31073	48.119	ug/l	95
7) Trichlorofluoromethane	1.886	101	90829	48.885	ug/l	97
8) Diethyl Ether	2.130	74	28921	45.255	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	59614	48.057	ug/l	92
10) Methyl Iodide	2.453	142	83312	47.406	ug/l	94
11) Tert butyl alcohol	2.947	59	51274	261.169	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	55187	46.370	ug/l	91
13) Acrolein	2.233	56	60701	230.520	ug/l	99
14) Allyl chloride	2.666	41	90414	46.594	ug/l	91
15) Acrylonitrile	3.056	53	144762	229.867	ug/l	99
16) Acetone	2.373	43	132401	223.707	ug/l	94
17) Carbon Disulfide	2.514	76	135138	44.754	ug/l	99
18) Methyl Acetate	2.697	43	86112	46.773	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	176537	48.103	ug/l	99
20) Methylene Chloride	2.788	84	61866	45.690	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	60471	46.651	ug/l	95
22) Diisopropyl ether	3.757	45	177103	46.249	ug/l	90
23) Vinyl Acetate	3.715	43	683781	234.495	ug/l	97
24) 1,1-Dichloroethane	3.605	63	104811	47.485	ug/l	99
25) 2-Butanone	4.550	43	195783	227.177	ug/l	94
26) 2,2-Dichloropropane	4.471	77	78049	48.475	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	70371	47.196	ug/l	95
28) Bromochloromethane	4.891	49	41127	42.380	ug/l	85
29) Tetrahydrofuran	4.995	42	123082	224.553	ug/l	93
30) Chloroform	5.092	83	110882	48.202	ug/l	100
31) Cyclohexane	5.470	56	94678	46.395	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	96809	48.867	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82574	48.208	ug/l	99
37) Ethyl Acetate	4.702	43	75248	47.158	ug/l	98
38) Carbon Tetrachloride	5.672	117	89876	49.197	ug/l	98
39) Methylcyclohexane	7.379	83	103685	48.089	ug/l	94
40) Benzene	6.037	78	238049	48.032	ug/l	98

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 Supervised By : Mahesh Dadoda 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	43123	48.022	ug/l	96
42) 1,2-Dichloroethane	6.086	62	85541	50.794	ug/l	100
43) Isopropyl Acetate	6.336	43	118661	47.684	ug/l	97
44) Trichloroethene	7.123	130	73602	48.321	ug/l	99
45) 1,2-Dichloropropane	7.427	63	59176	48.361	ug/l	98
46) Dibromomethane	7.580	93	43374	49.477	ug/l	94
47) Bromodichloromethane	7.818	83	83206	50.089	ug/l #	93
48) Methyl methacrylate	7.690	41	63047	49.070	ug/l	95
49) 1,4-Dioxane	7.665	88	29605	1197.063	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	381658	244.511	ug/l	98
52) Toluene	8.714	92	157162	48.932	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86372	51.723	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95596	50.316	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	63660	49.622	ug/l	97
56) Ethyl methacrylate	9.116	69	91534	51.084	ug/l	96
57) 1,3-Dichloropropane	9.305	76	103947	49.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	203020	243.523	ug/l	96
59) 2-Hexanone	9.427	43	282428	247.248	ug/l	98
60) Dibromochloromethane	9.519	129	72317	50.861	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68213	49.447	ug/l	96
64) Tetrachloroethene	9.275	164	70209	47.613	ug/l	98
65) Chlorobenzene	10.079	112	178985	49.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	68787	49.909	ug/l	99
67) Ethyl Benzene	10.195	91	307052	49.739	ug/l	100
68) m/p-Xylenes	10.299	106	244701	99.166	ug/l	100
69) o-Xylene	10.640	106	119579	50.457	ug/l	100
70) Styrene	10.652	104	200748	51.431	ug/l	99
71) Bromoform	10.799	173	58574	52.101	ug/l #	99
73) Isopropylbenzene	10.963	105	317418	49.004	ug/l	100
74) N-amyl acetate	10.841	43	103537	48.520	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	89934	46.144	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82696m	49.691	ug/l	
77) Bromobenzene	11.195	156	86493	48.154	ug/l	97
78) n-propylbenzene	11.305	91	355292	49.608	ug/l	100
79) 2-Chlorotoluene	11.366	91	207172	47.774	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	267240	49.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25411	47.023	ug/l	99
82) 4-Chlorotoluene	11.451	91	241581	49.255	ug/l	99
83) tert-Butylbenzene	11.713	119	273276	49.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	268600	49.865	ug/l	98
85) sec-Butylbenzene	11.890	105	330071	49.526	ug/l	99
86) p-Isopropyltoluene	12.006	119	293334	50.183	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159518	48.400	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	159304	47.608	ug/l	99
89) n-Butylbenzene	12.329	91	234049	51.071	ug/l	99
90) Hexachloroethane	12.536	117	45685	49.646	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	155687	48.435	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18591	48.510	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	114712	50.509	ug/l	99
94) Hexachlorobutadiene	13.725	225	54170	48.187	ug/l	99
95) Naphthalene	13.774	128	304118	48.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	110725	48.535	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

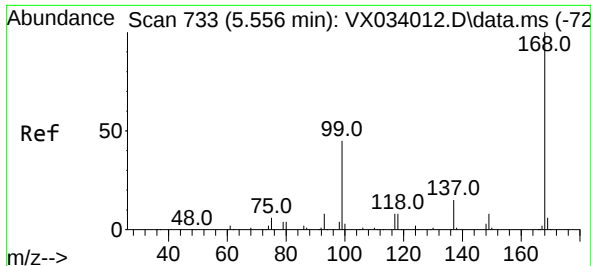
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

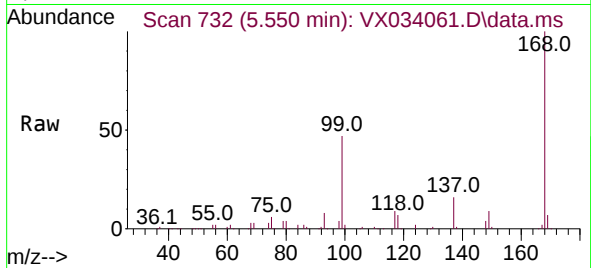
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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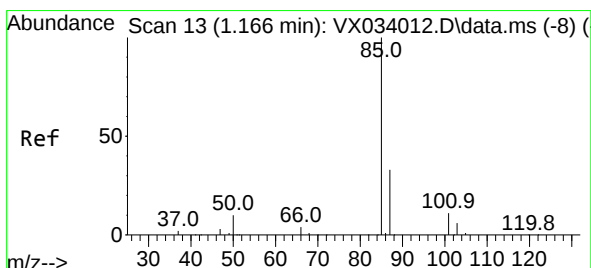
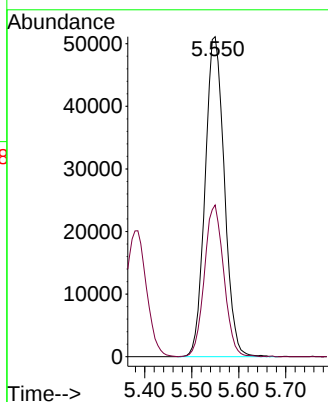
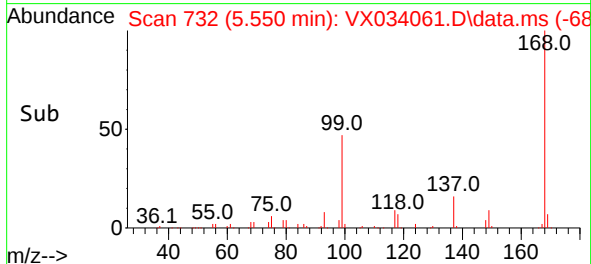
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14535
Ion Ratio Lower Upper
168 100
99 47.4 39.6 59.4

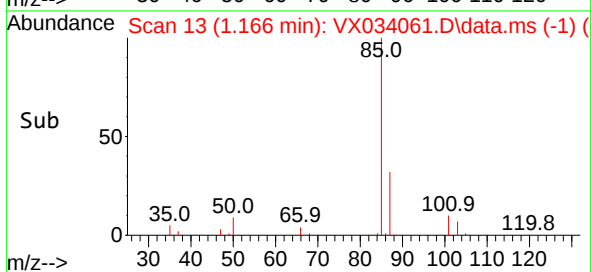
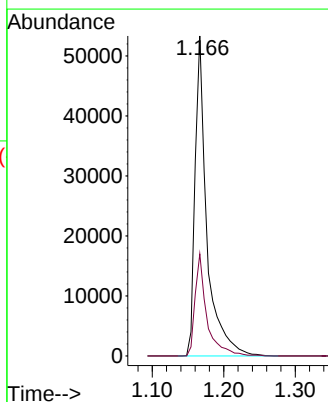
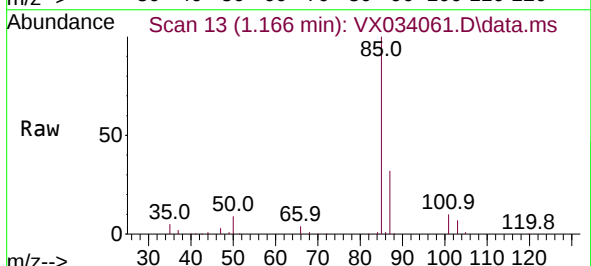
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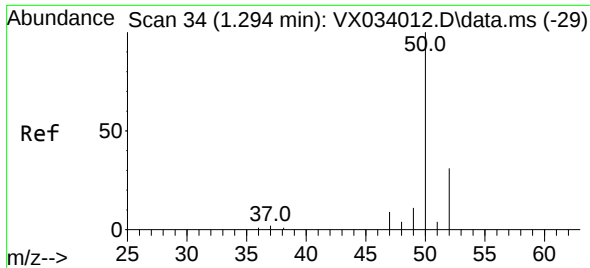
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#2
Dichlorodifluoromethane
Concen: 51.525 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 85 Resp: 60882
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





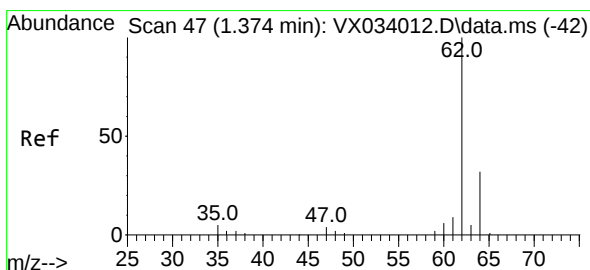
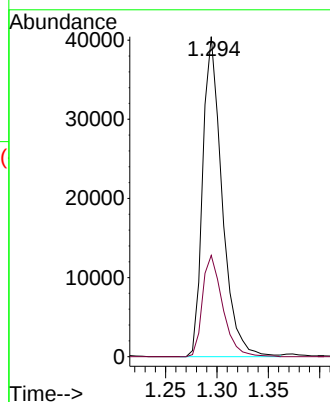
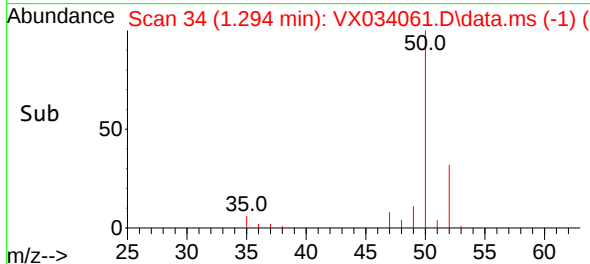
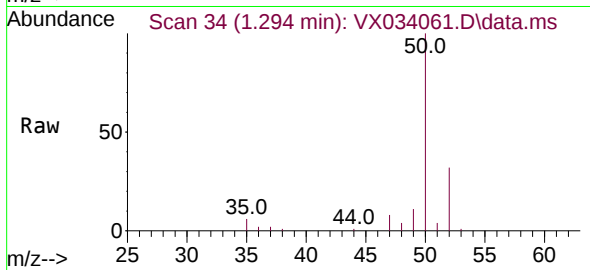
#3
Chloromethane
Concen: 47.794 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

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Tgt Ion: 50 Resp: 5329
Ion Ratio Lower Upper
50 100
52 31.6 25.2 37.8

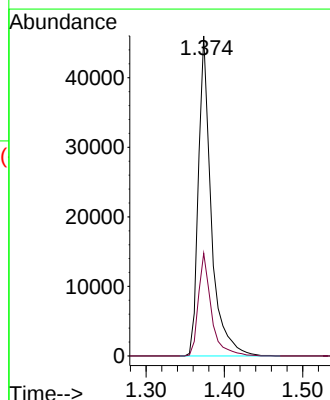
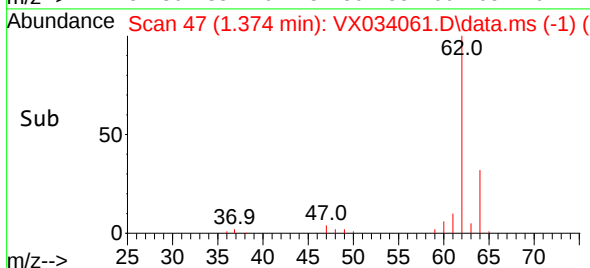
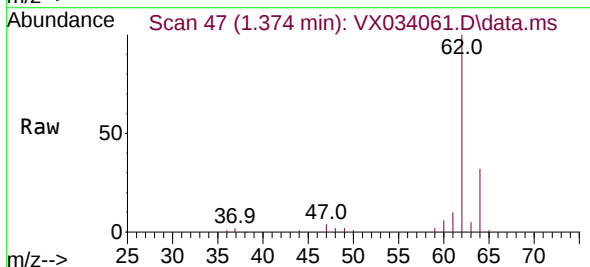
Manual Integrations
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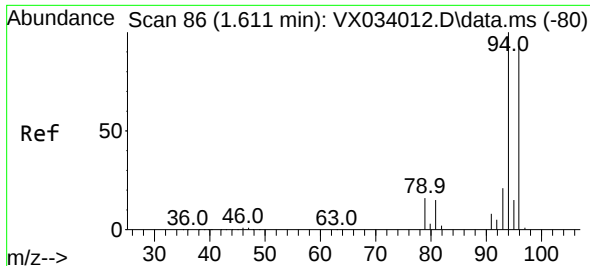
Reviewed By :John Carlone 02/08/2023
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#4
Vinyl Chloride
Concen: 44.976 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

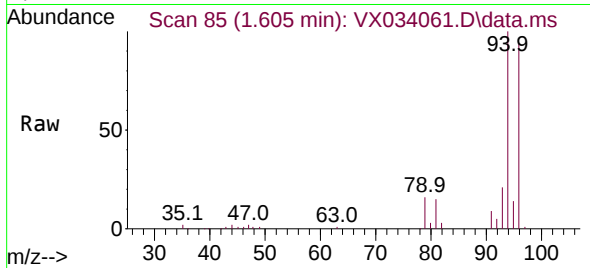
Tgt Ion: 62 Resp: 52521
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.4





#5
Bromomethane
Concen: 47.895 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

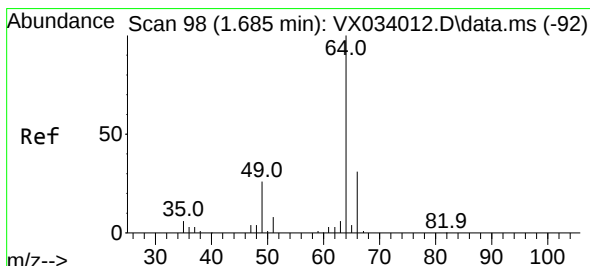
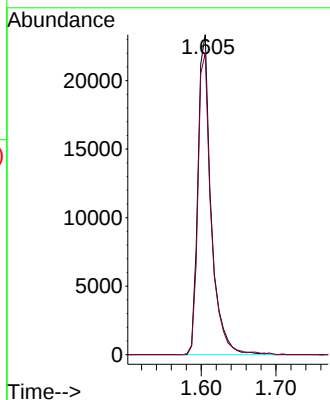
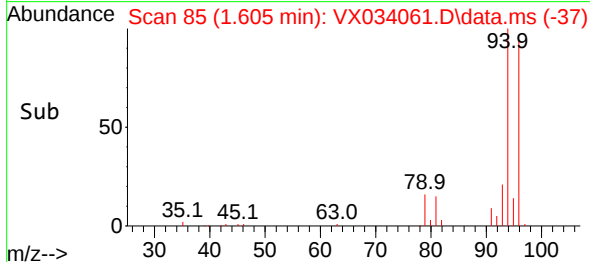
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 2880
Ion Ratio Lower Upper
94 100
96 94.1 74.3 111.5

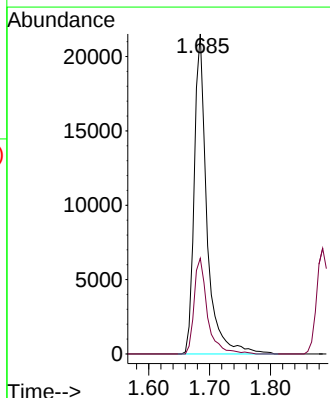
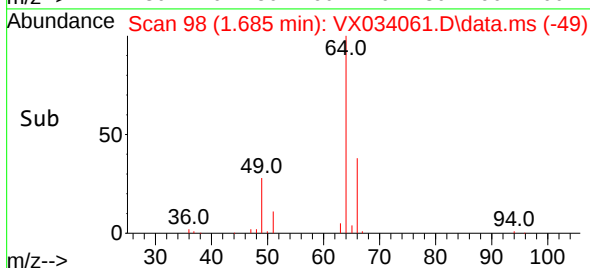
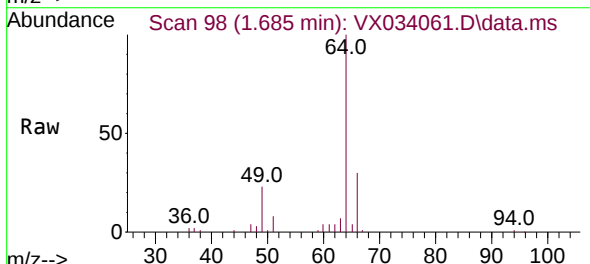
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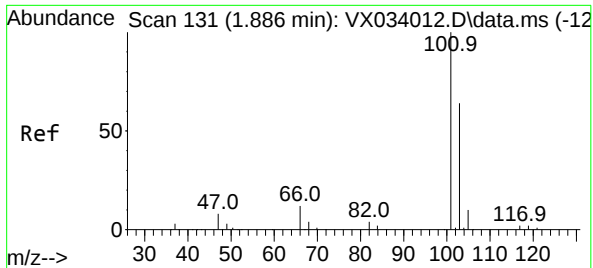
Reviewed By :John Carlone 02/08/2023
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#6
Chloroethane
Concen: 48.119 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX034061.D
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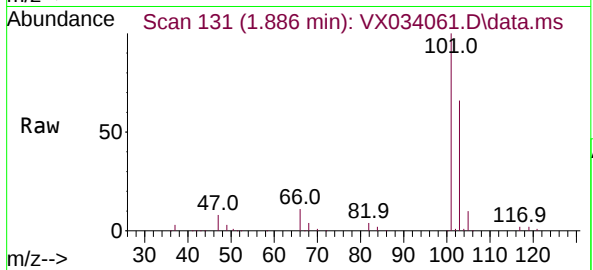
Tgt Ion: 64 Resp: 31073
Ion Ratio Lower Upper
64 100
66 29.9 26.1 39.1





#7
Trichlorofluoromethane
Concen: 48.885 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

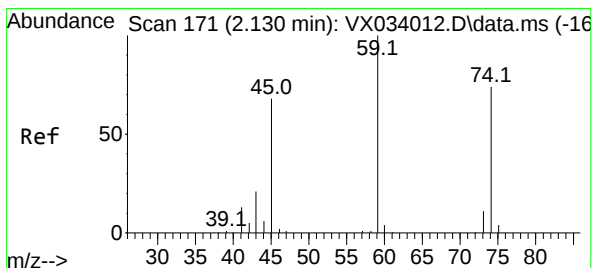
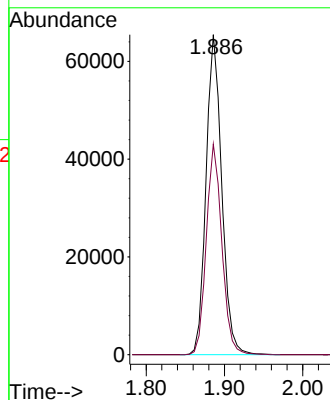
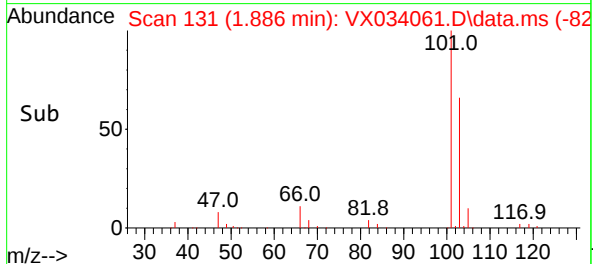
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 90829
Ion Ratio Lower Upper
101 100
103 65.8 50.6 75.8

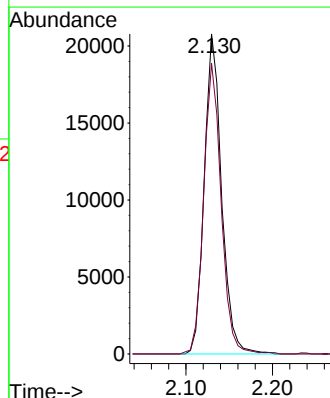
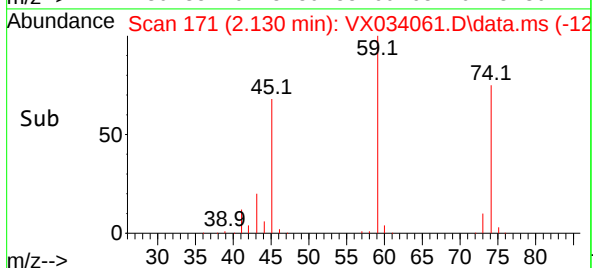
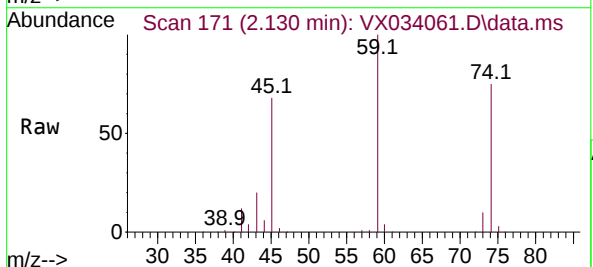
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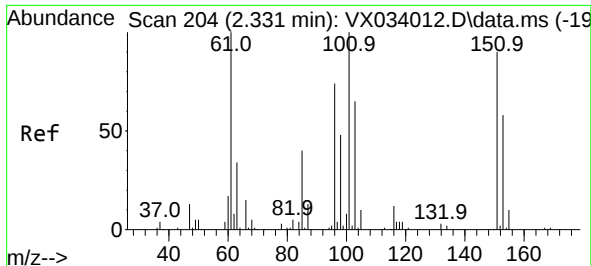
Reviewed By :John Carlone 02/08/2023
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#8
Diethyl Ether
Concen: 45.255 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034061.D
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Tgt Ion: 74 Resp: 28921
Ion Ratio Lower Upper
74 100
45 91.5 51.5 154.5





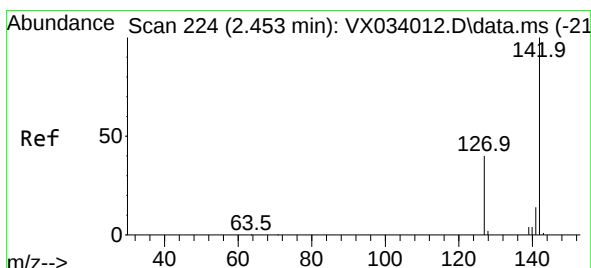
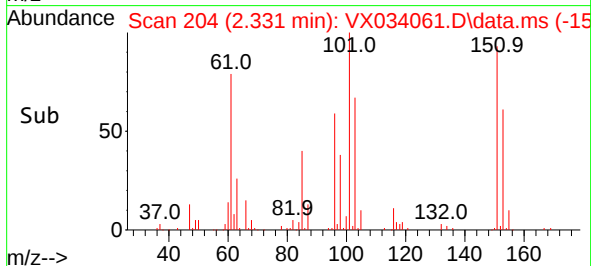
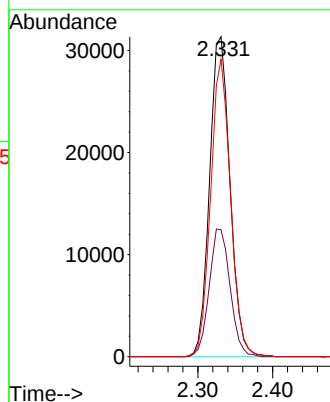
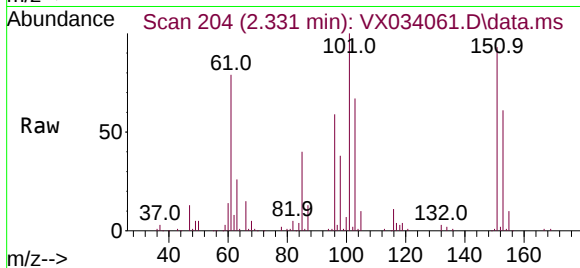
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.057 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 59614
Ion Ratio Lower Upper
101 100
85 40.7 36.7 55.1
151 90.4 66.5 99.7

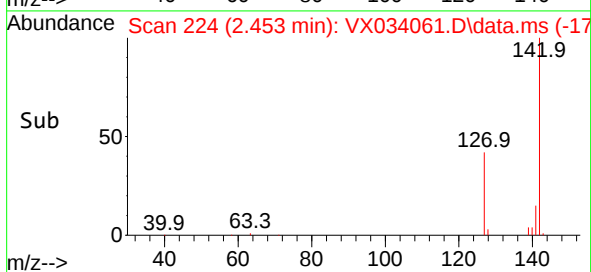
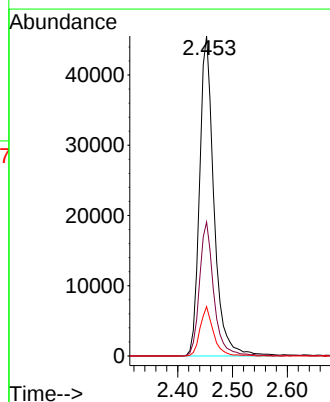
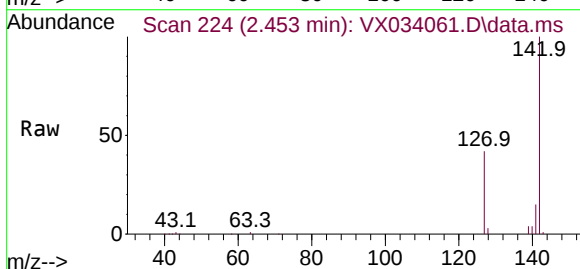
Manual Integrations
APPROVED

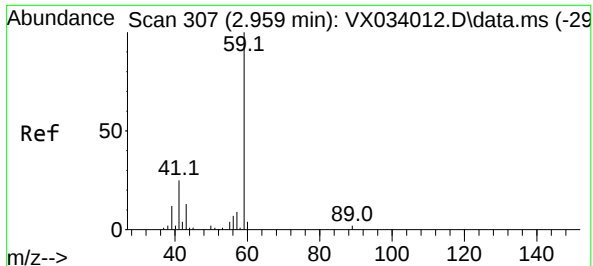
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 47.406 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion:142 Resp: 83312
Ion Ratio Lower Upper
142 100
127 41.6 37.3 55.9
141 14.3 11.5 17.3





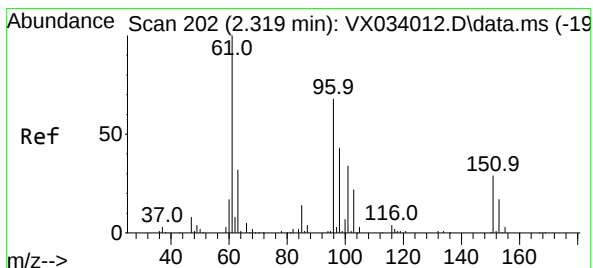
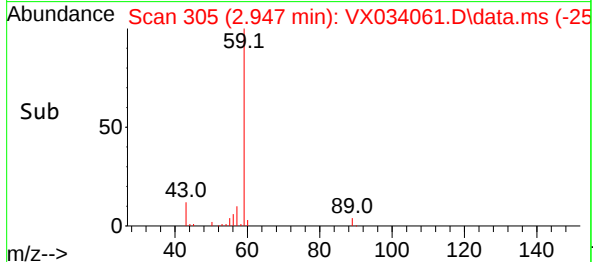
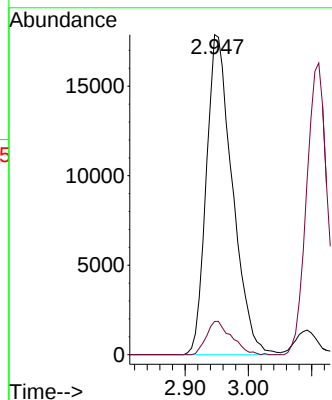
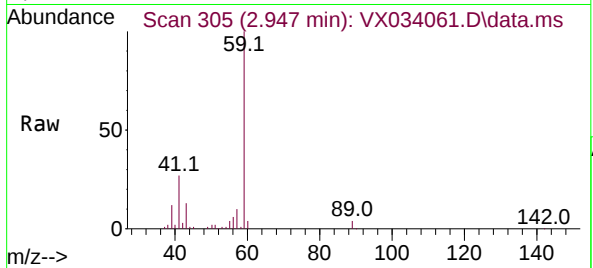
#11
Tert butyl alcohol
Concen: 261.169 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 51274
Ion Ratio Lower Upper
59 100
57 10.0 3.7 5.5

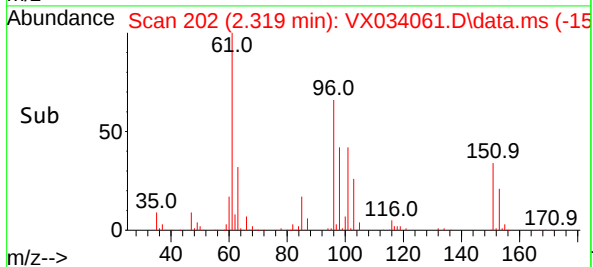
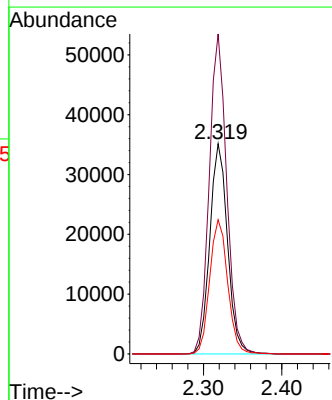
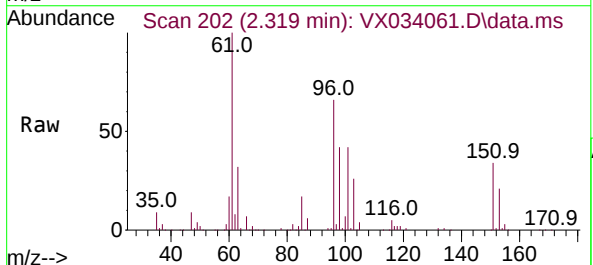
Manual Integrations
APPROVED

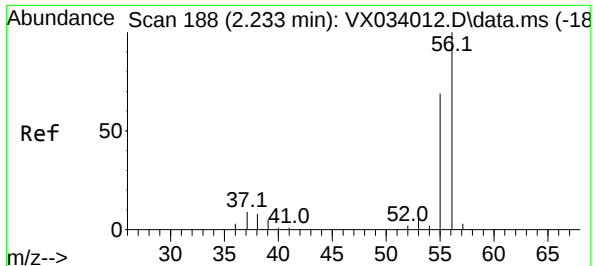
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 46.370 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

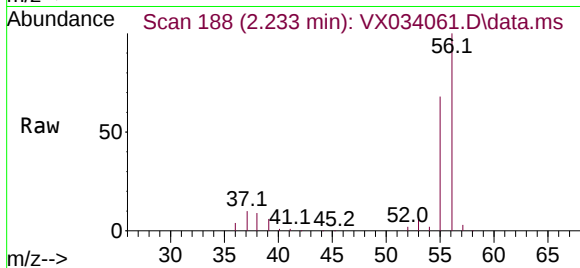
Tgt Ion: 96 Resp: 55187
Ion Ratio Lower Upper
96 100
61 152.2 134.2 201.4
98 63.8 50.2 75.2





#13
Acrolein
Concen: 230.520 ug/l
RT: 2.233 min Scan# 118
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

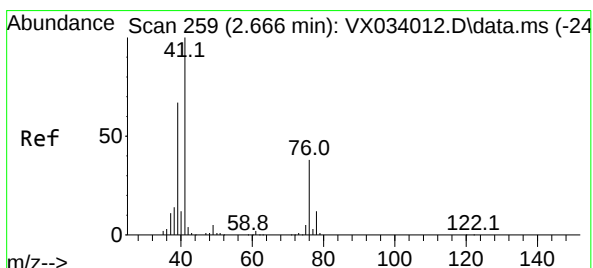
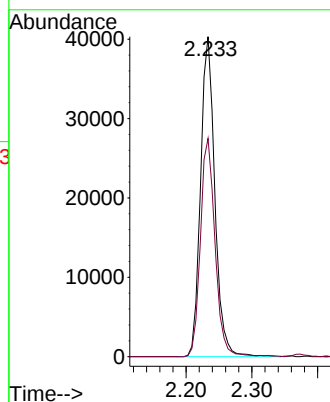
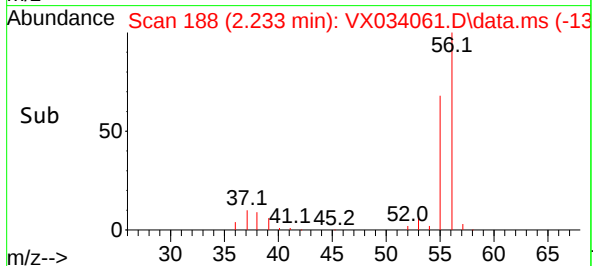
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 6070
Ion Ratio Lower Upper
56 100
55 69.6 56.3 84.5

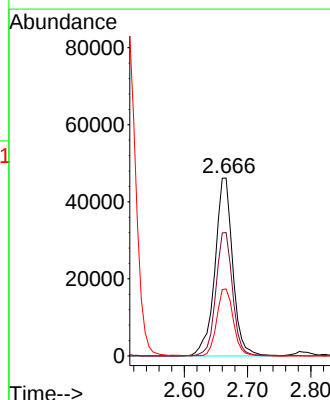
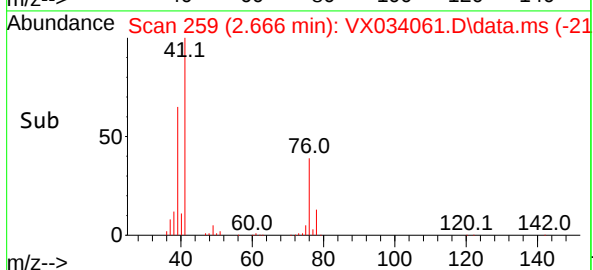
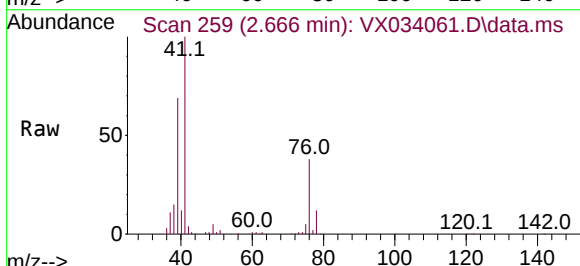
Manual Integrations
APPROVED

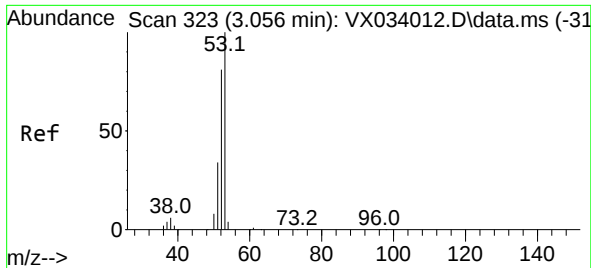
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 46.594 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

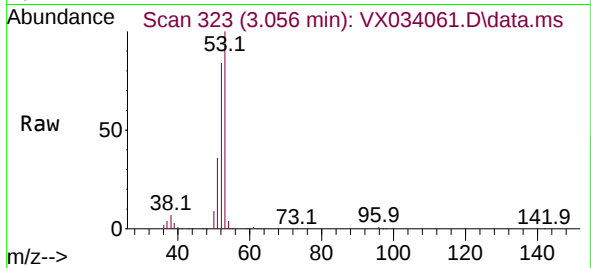
Tgt Ion: 41 Resp: 90414
Ion Ratio Lower Upper
41 100
39 65.0 59.0 88.4
76 34.9 24.6 37.0





#15
Acrylonitrile
Concen: 229.867 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

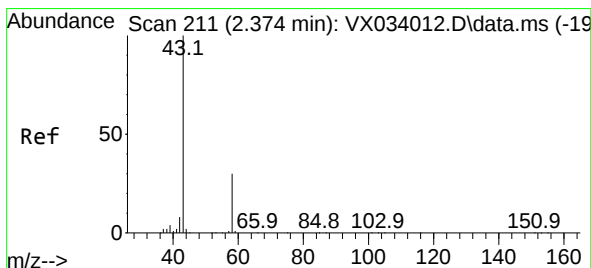
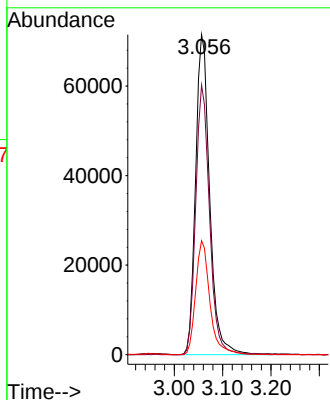
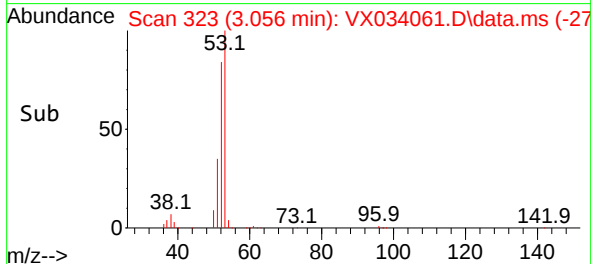
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 144762
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.9 29.0 43.4

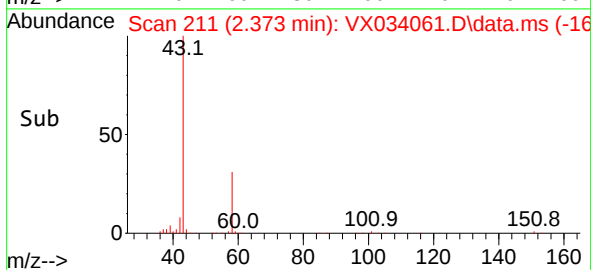
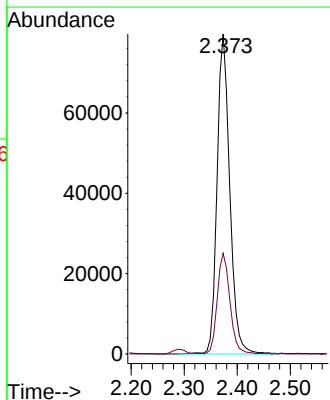
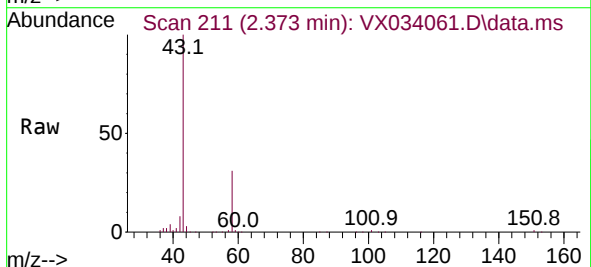
Manual Integrations
APPROVED

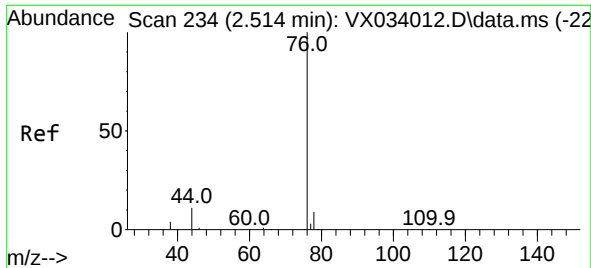
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
Acetone
Concen: 223.707 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 43 Resp: 132401
Ion Ratio Lower Upper
43 100
58 31.4 22.6 33.8





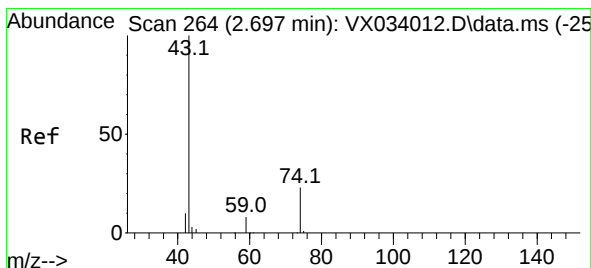
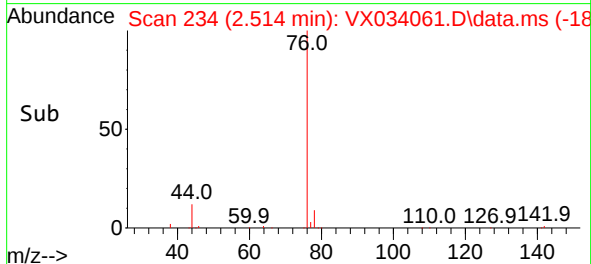
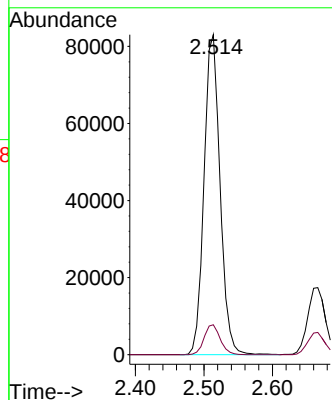
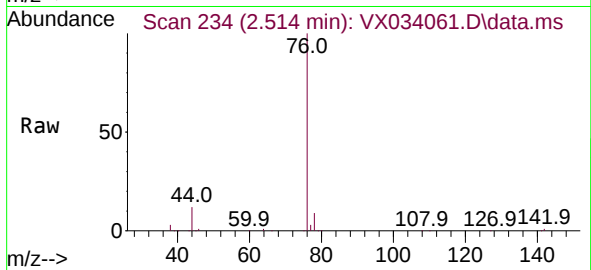
#17
Carbon Disulfide
Concen: 44.754 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 135138
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

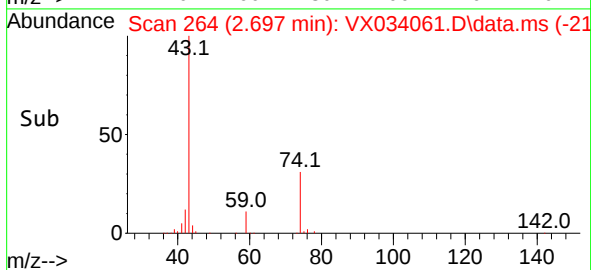
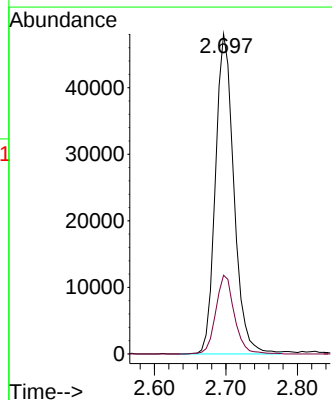
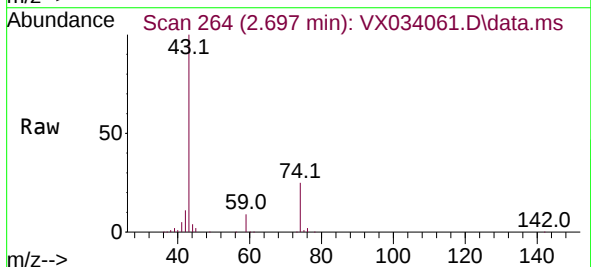
Manual Integrations
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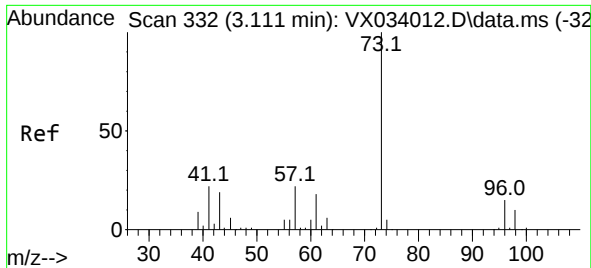
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#18
Methyl Acetate
Concen: 46.773 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 43 Resp: 86112
Ion Ratio Lower Upper
43 100
74 24.8 18.2 27.4





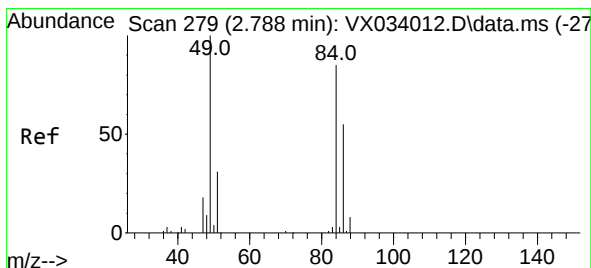
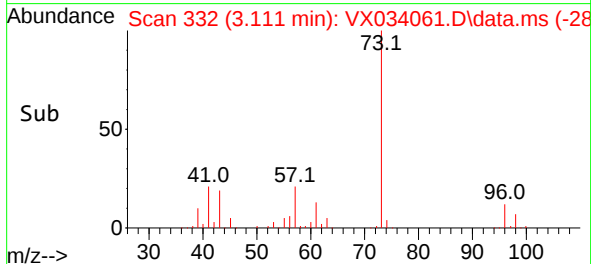
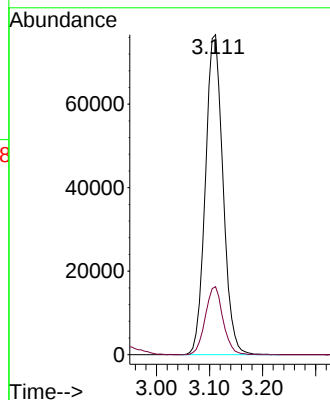
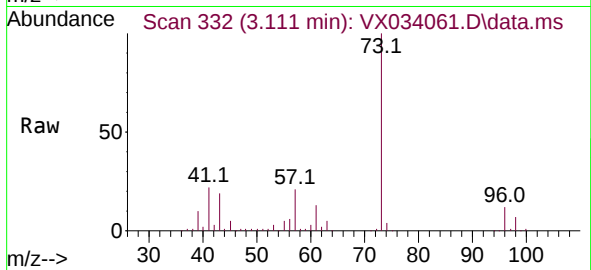
#19
Methyl tert-butyl Ether
Concen: 48.103 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 17653
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

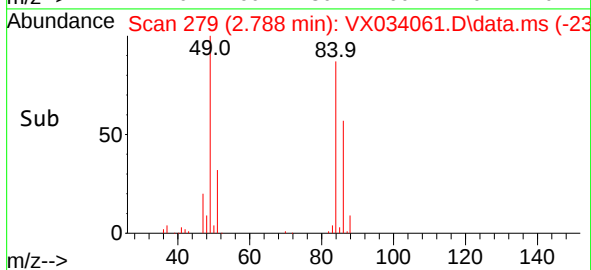
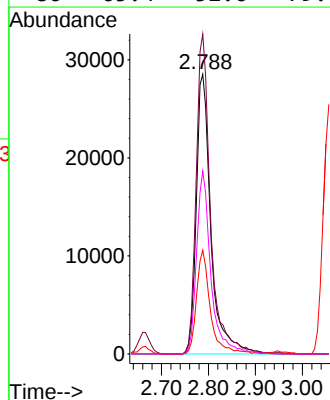
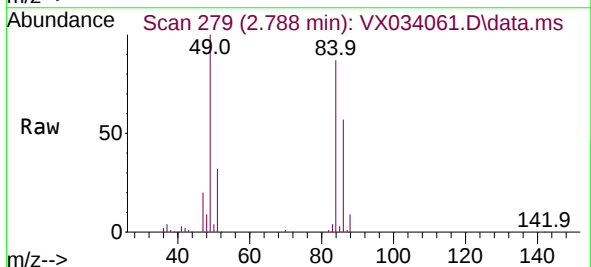
Manual Integrations
APPROVED

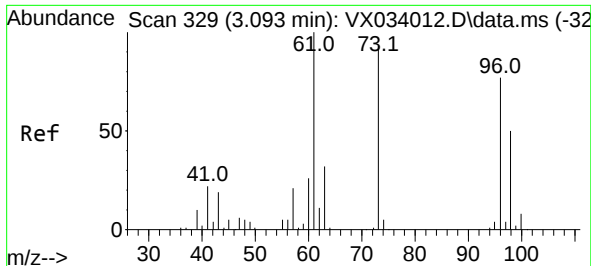
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 45.690 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

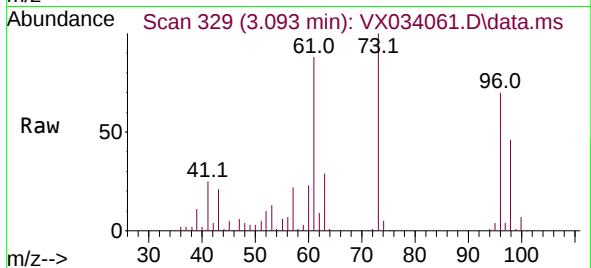
Tgt Ion: 84 Resp: 61866
Ion Ratio Lower Upper
84 100
49 114.4 101.1 151.7
51 37.1 31.0 46.6
86 65.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.651 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

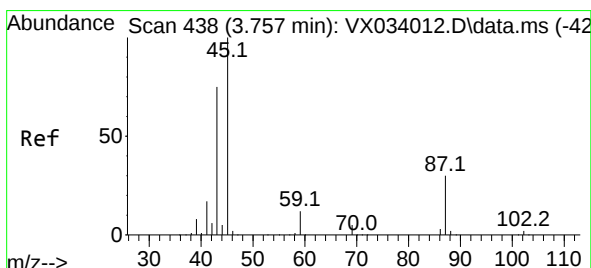
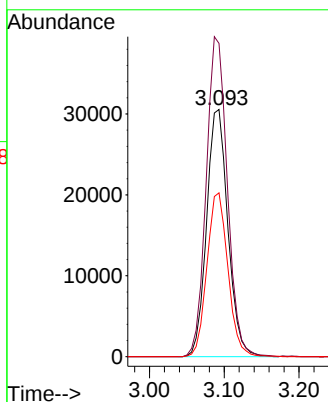
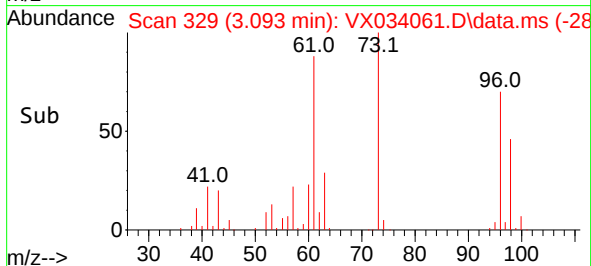
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



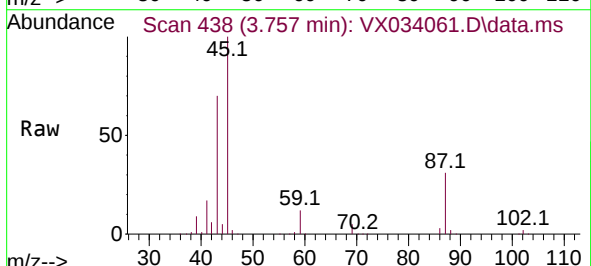
Tgt Ion: 96 Resp: 6047
Ion Ratio Lower Upper
96 100
61 126.8 106.7 160.1
98 66.3 50.0 75.0

Manual Integrations
APPROVED

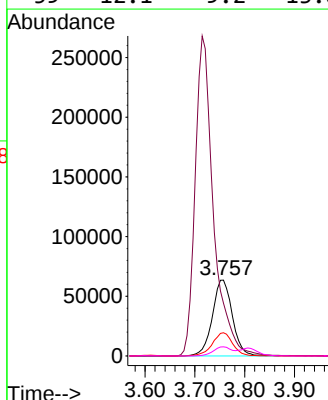
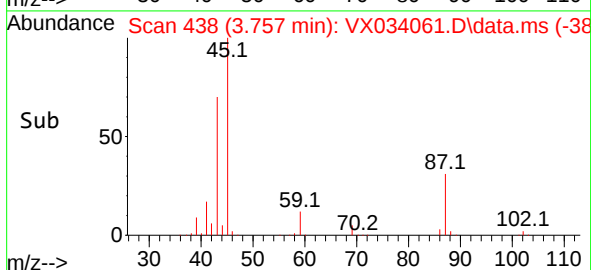
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#22
Diisopropyl ether
Concen: 46.249 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



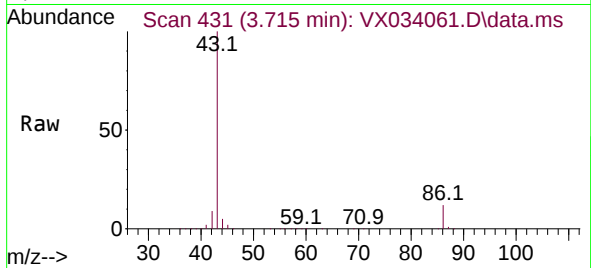
Tgt Ion: 45 Resp: 177103
Ion Ratio Lower Upper
45 100
43 69.3 64.6 97.0
87 30.5 21.9 32.9
59 12.1 9.2 13.8





#23
 Vinyl Acetate
 Concen: 234.495 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034061.D
 Acq: 07 Feb 2023 15:12

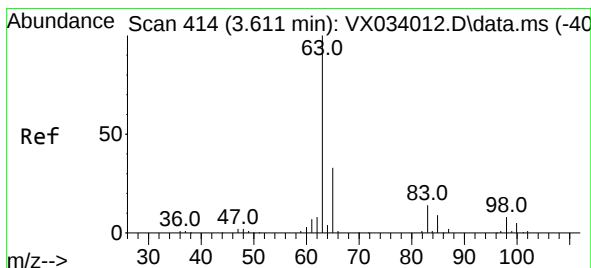
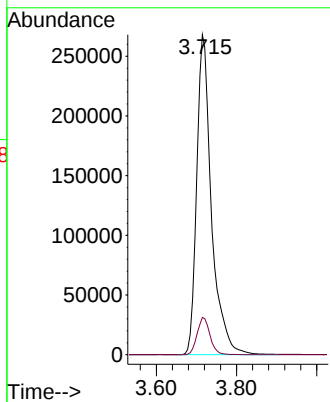
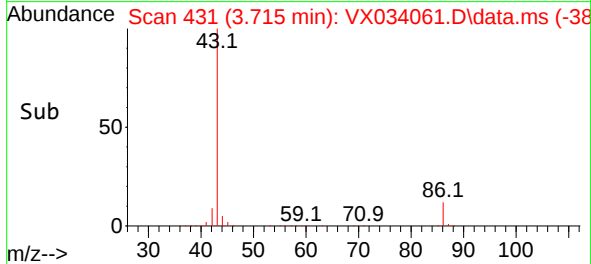
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 68378
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.4 12.6

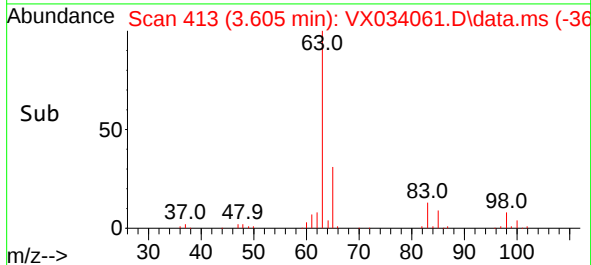
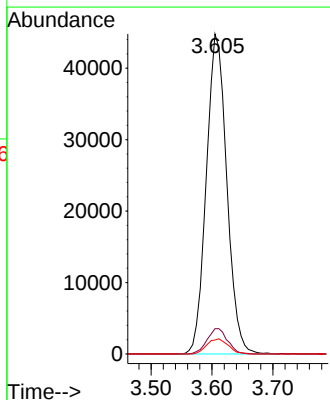
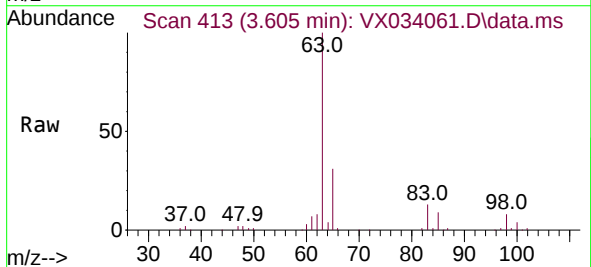
Manual Integrations
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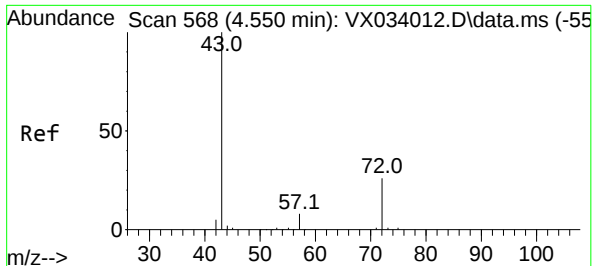
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#24
 1,1-Dichloroethane
 Concen: 47.485 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX034061.D
 Acq: 07 Feb 2023 15:12

Tgt Ion: 63 Resp: 104811
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.2
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 227.177 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19578

Ion Ratio Lower Upper

43 100

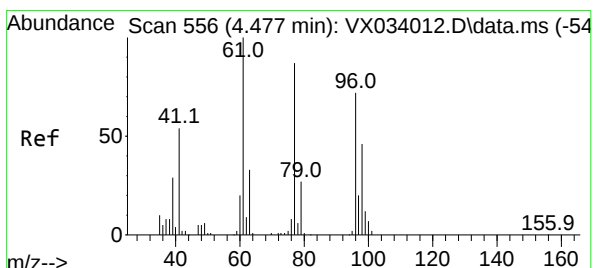
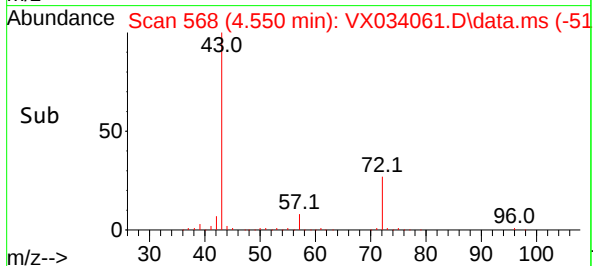
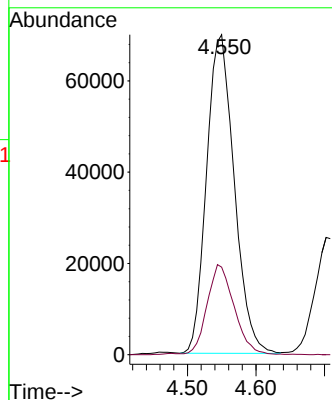
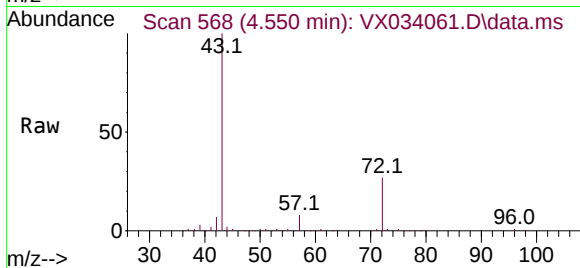
72 27.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#26

2,2-Dichloropropane

Concen: 48.475 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX034061.D

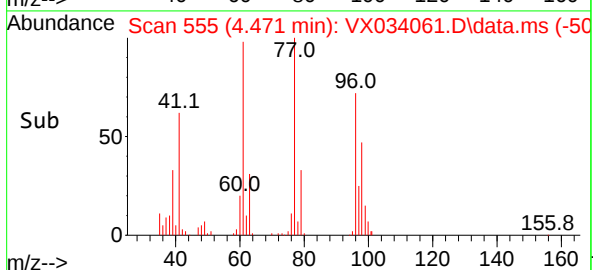
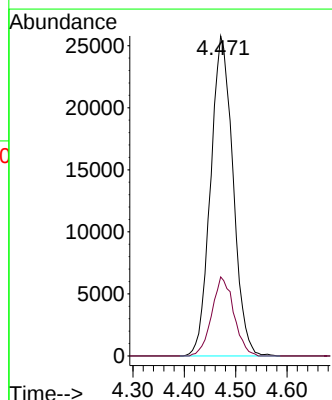
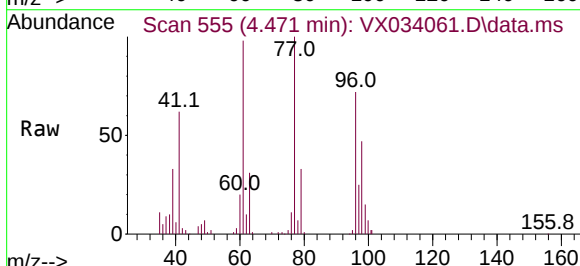
Acq: 07 Feb 2023 15:12

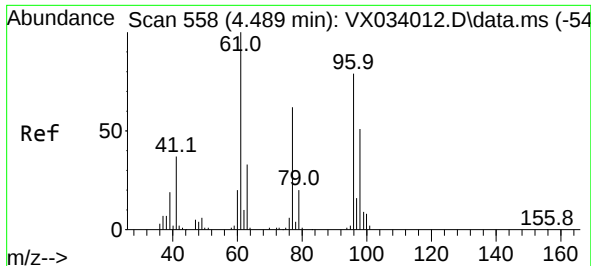
Tgt Ion: 77 Resp: 78049

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.196 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7037

Ion Ratio Lower Upper

96 100

61 131.1 0.0 277.6

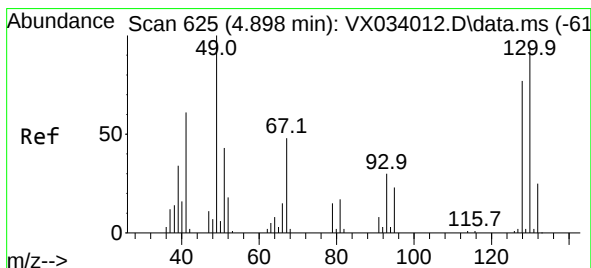
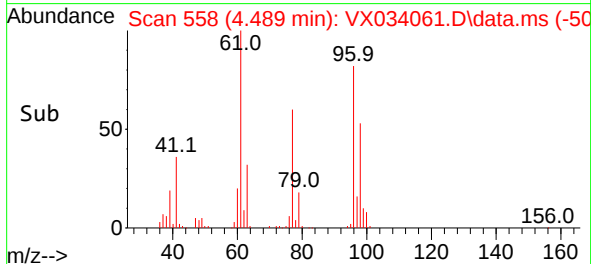
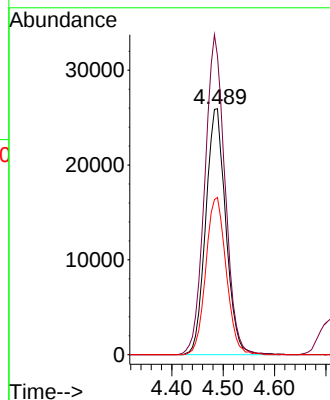
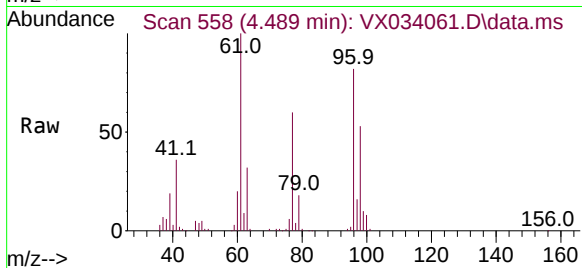
98 64.8 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#28

Bromochloromethane

Concen: 42.380 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

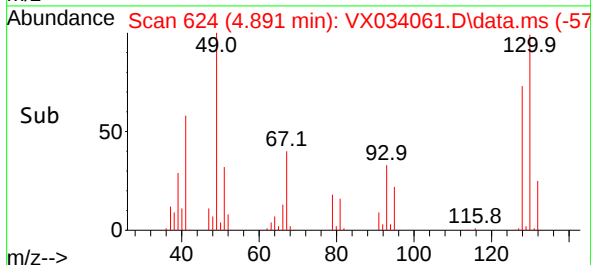
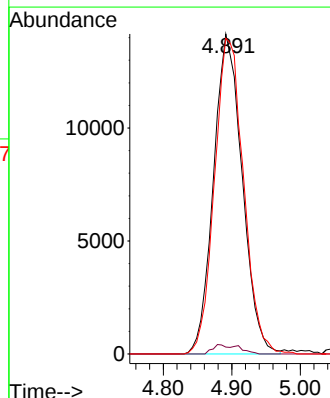
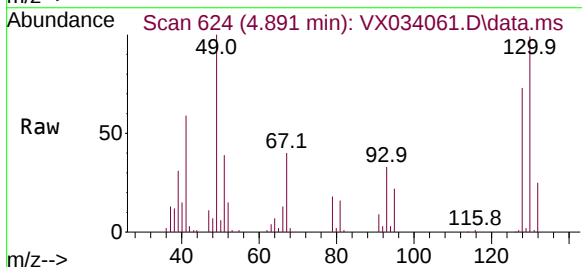
Tgt Ion: 49 Resp: 41127

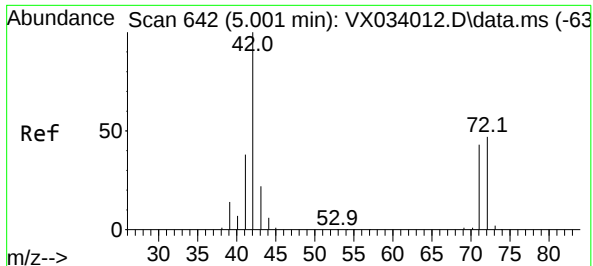
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 100.0 68.5 102.7





#29

Tetrahydrofuran

Concen: 224.553 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 123082

Ion Ratio Lower Upper

42 100

72 48.1 34.8 52.2

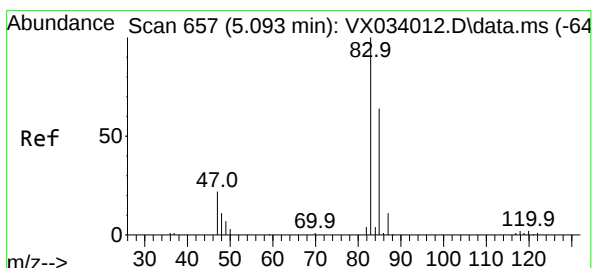
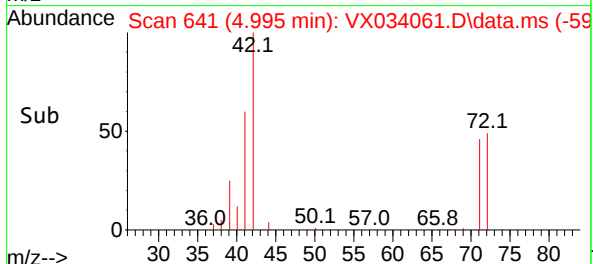
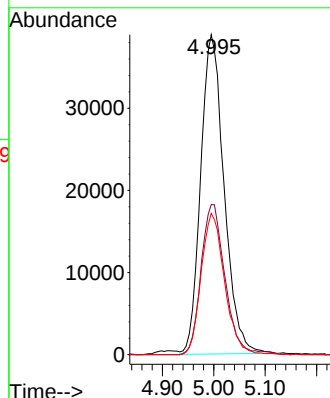
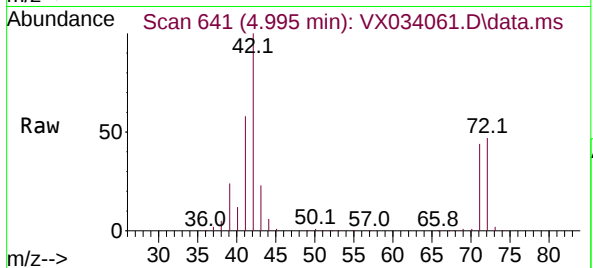
71 44.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#30

Chloroform

Concen: 48.202 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX034061.D

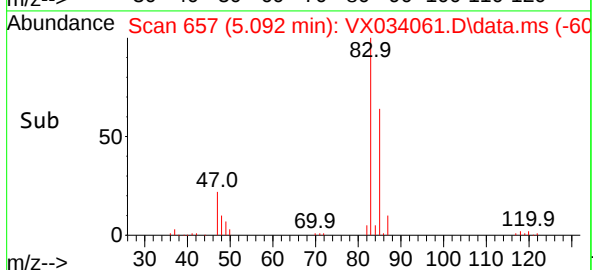
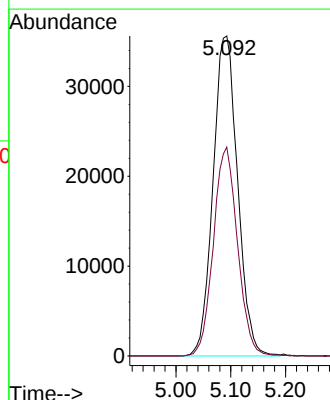
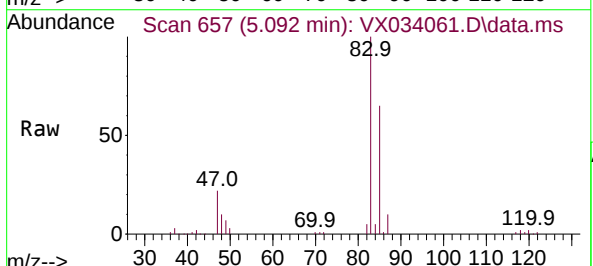
Acq: 07 Feb 2023 15:12

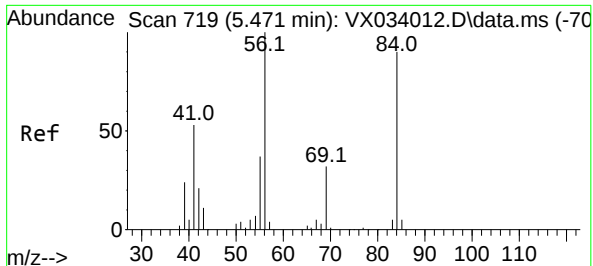
Tgt Ion: 83 Resp: 110882

Ion Ratio Lower Upper

83 100

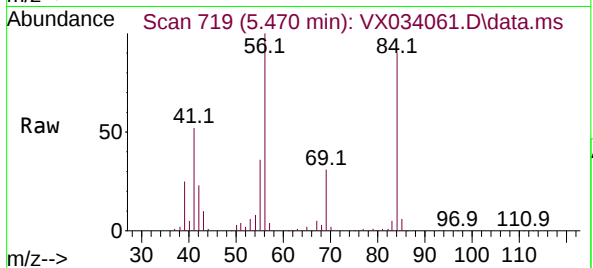
85 65.2 52.1 78.1





#31
Cyclohexane
Concen: 46.395 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

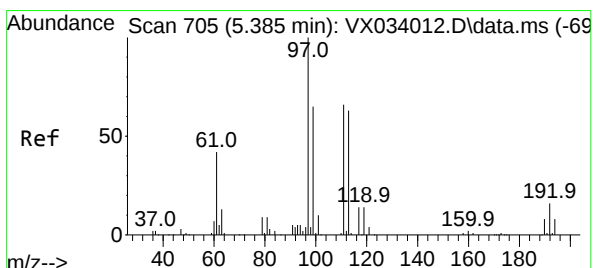
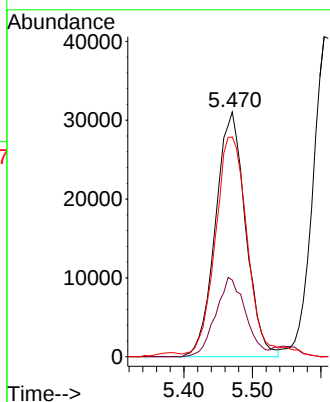
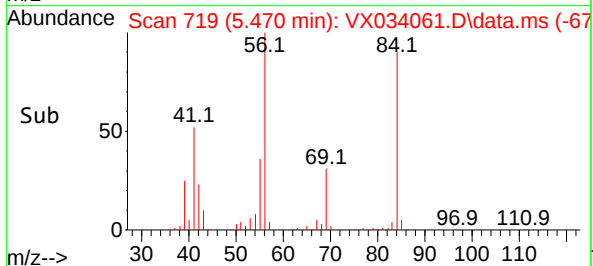
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



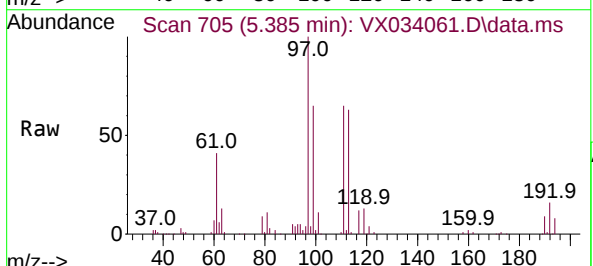
Tgt Ion: 56 Resp: 94678
Ion Ratio Lower Upper
56 100
69 31.3 24.6 37.0
84 88.4 71.0 106.6

Manual Integrations
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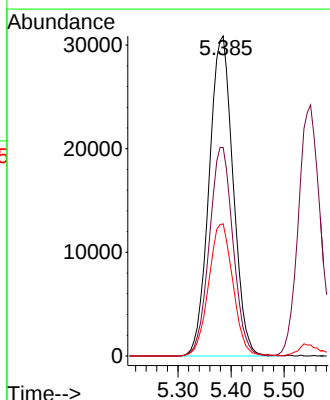
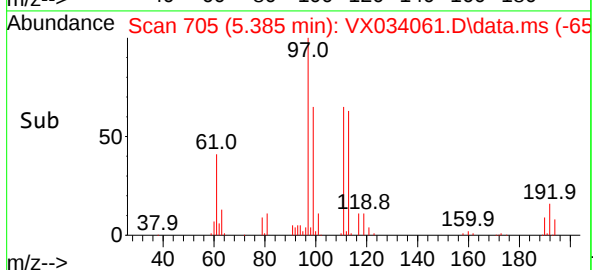
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

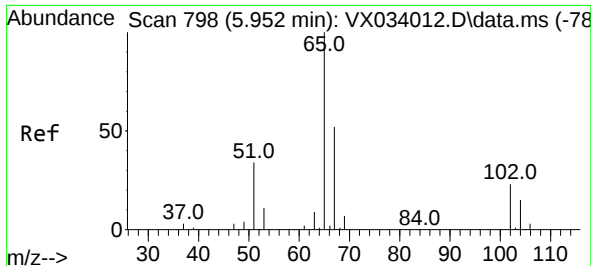


#32
1,1,1-Trichloroethane
Concen: 48.867 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



Tgt Ion: 97 Resp: 96809
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 42.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.424 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6365

Ion Ratio Lower Upper

65 100

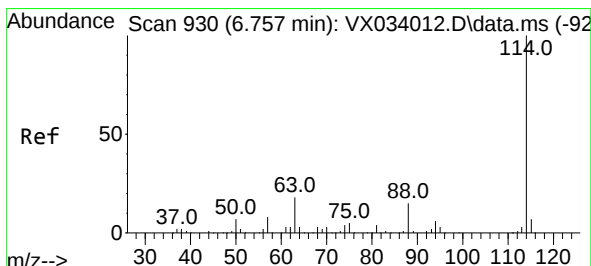
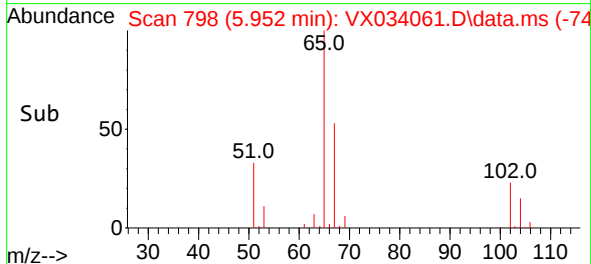
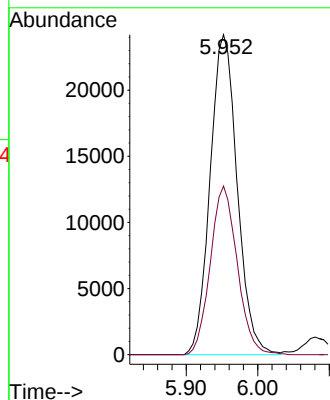
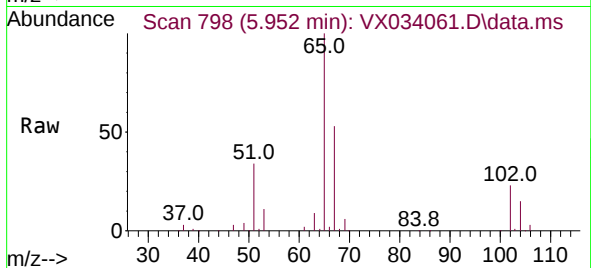
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

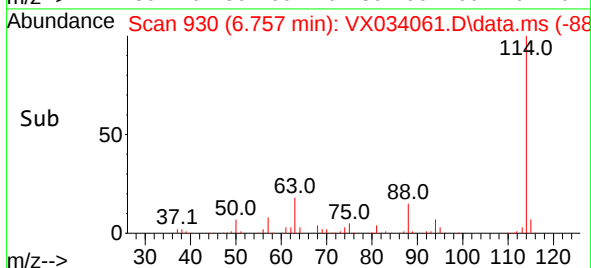
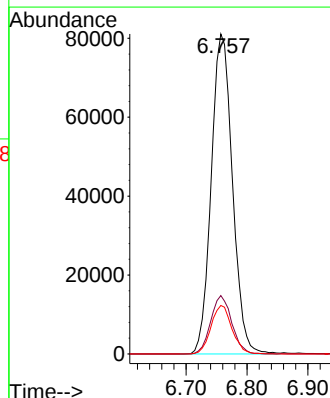
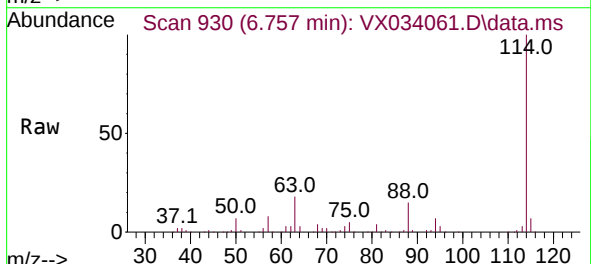
Tgt Ion:114 Resp: 196299

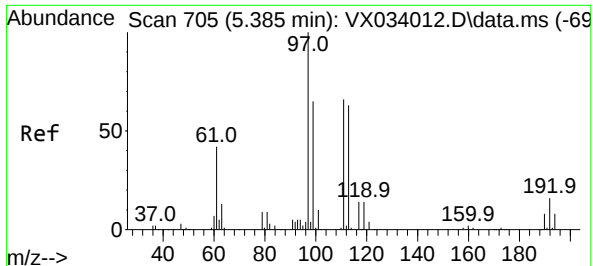
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

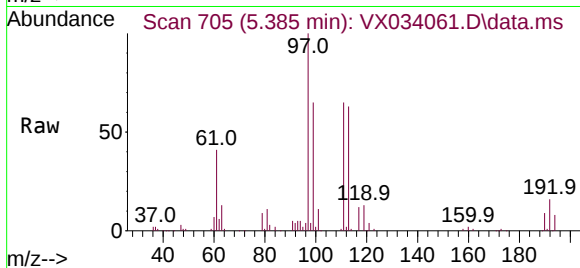
88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.951 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

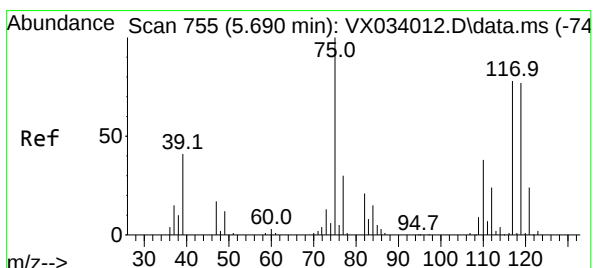
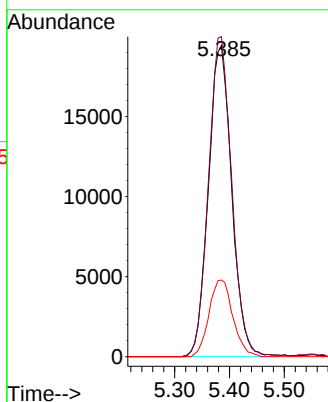
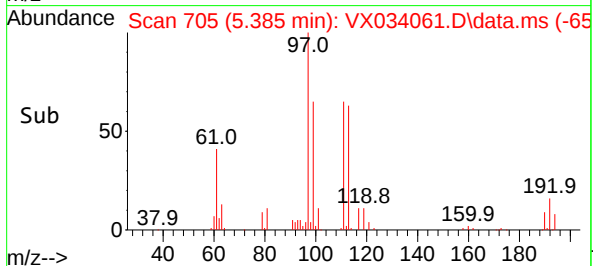
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 5740
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 25.2 19.0 28.4

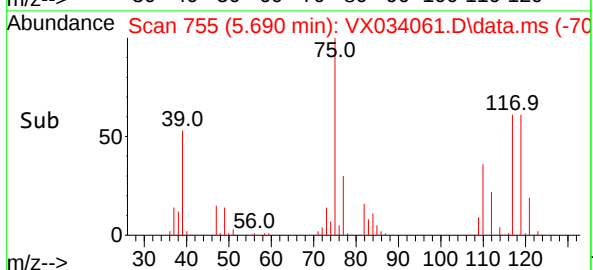
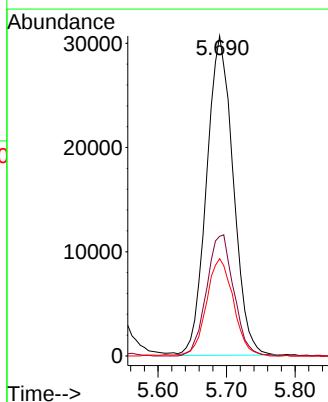
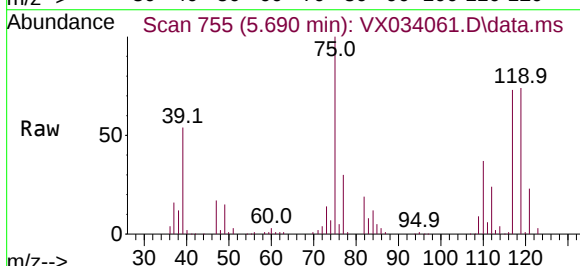
Manual Integrations
APPROVED

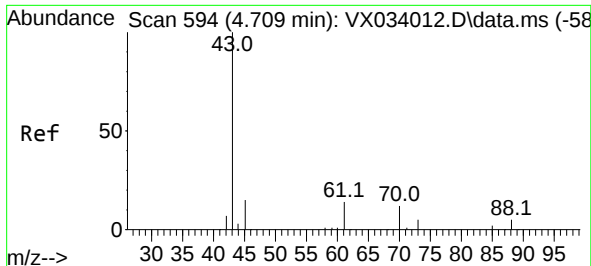
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#36
1,1-Dichloropropene
Concen: 48.208 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

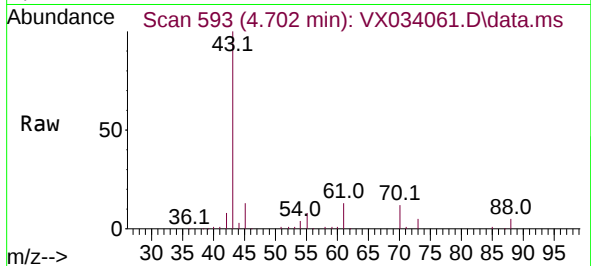
Tgt Ion: 75 Resp: 82574
Ion Ratio Lower Upper
75 100
110 38.8 18.8 56.4
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 47.158 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

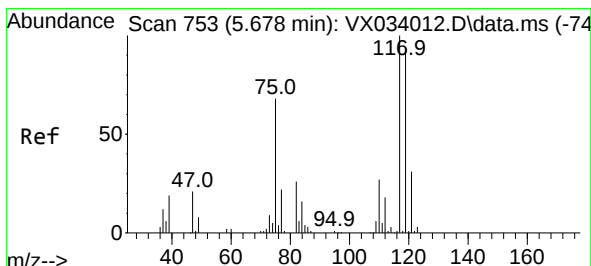
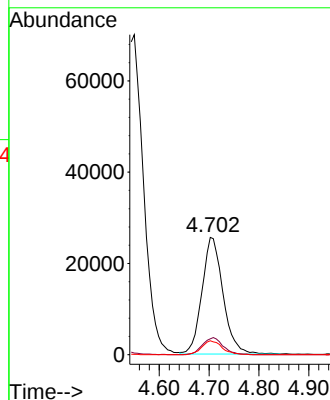
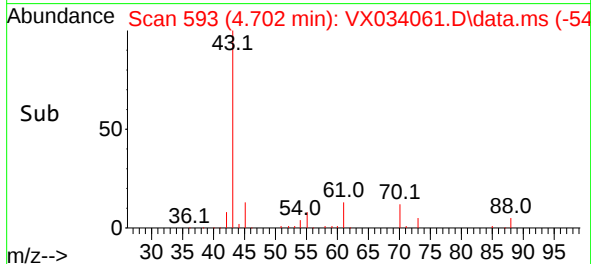
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 75248
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.5 8.5 12.7

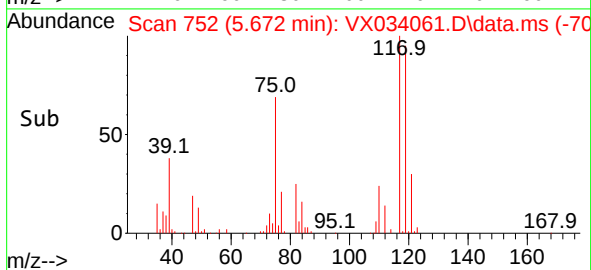
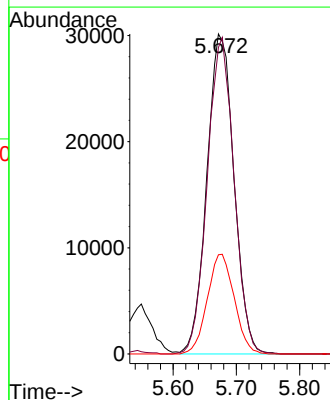
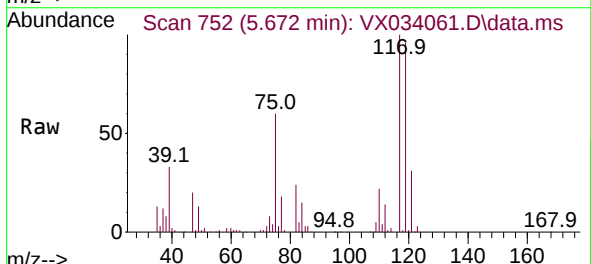
Manual Integrations
APPROVED

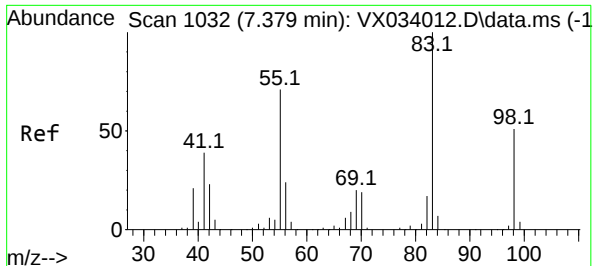
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 49.197 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion:117 Resp: 89876
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0
121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 48.089 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10368

Ion Ratio Lower Upper

83 100

55 72.8 61.8 92.6

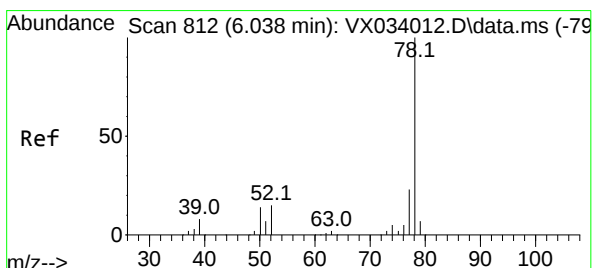
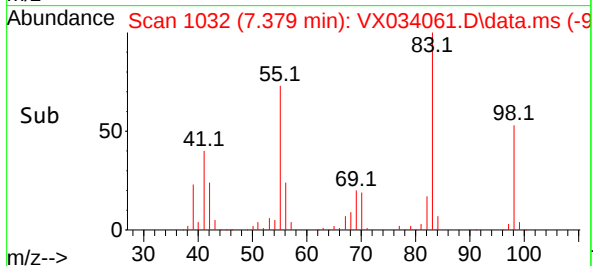
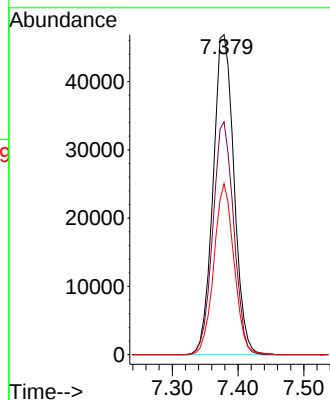
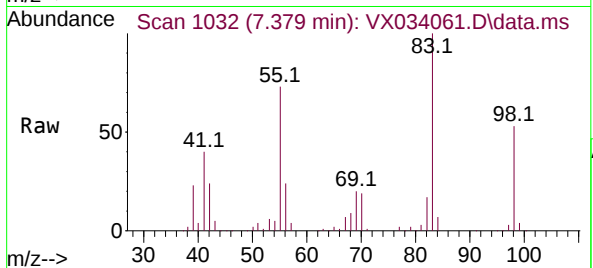
98 53.4 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#40

Benzene

Concen: 48.032 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX034061.D

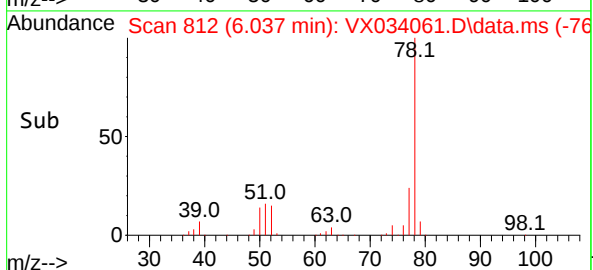
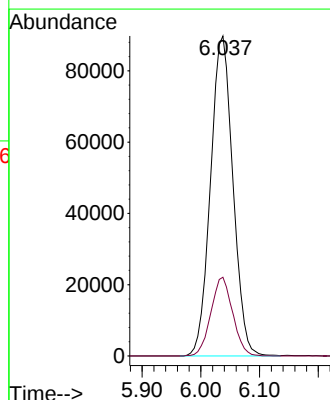
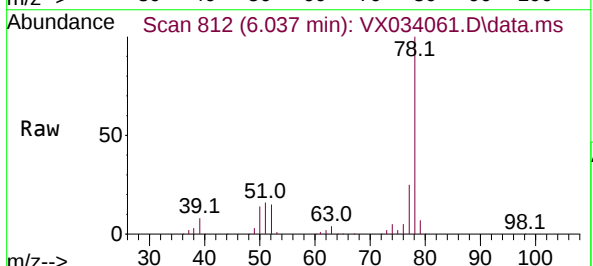
Acq: 07 Feb 2023 15:12

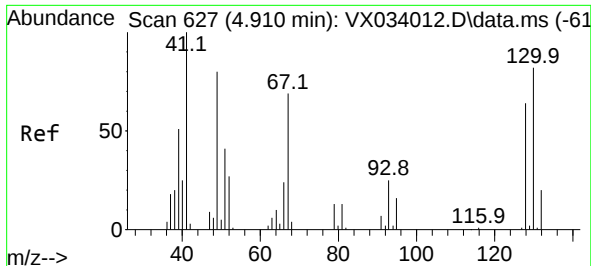
Tgt Ion: 78 Resp: 238049

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4





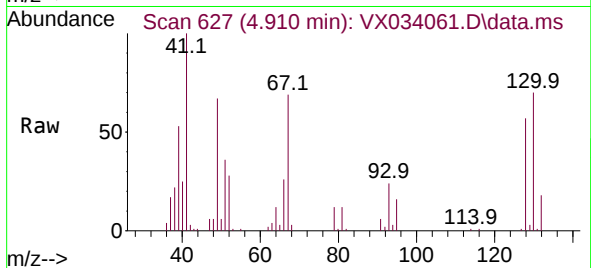
#41
Methacrylonitrile
Concen: 48.022 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



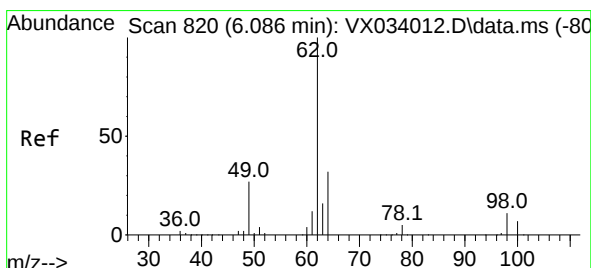
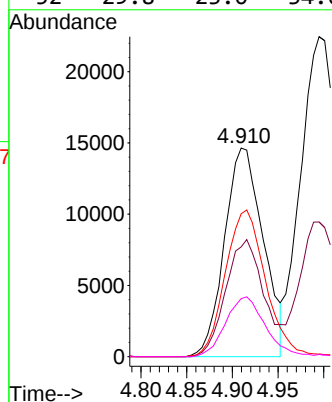
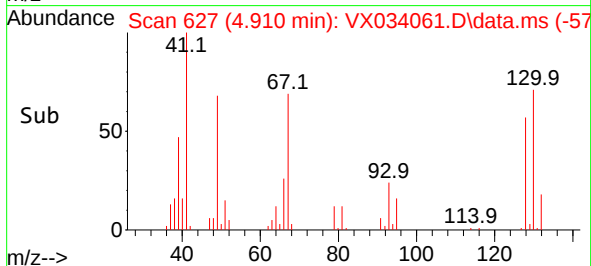
Tgt Ion: 41 Resp: 4312
Ion Ratio Lower Upper
41 100
39 56.9 43.8 65.6
67 73.5 54.8 82.2
52 29.8 23.0 34.6

Manual Integrations

APPROVED

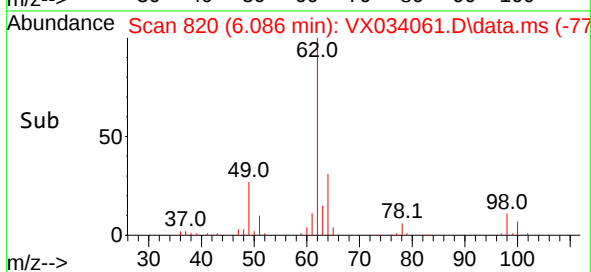
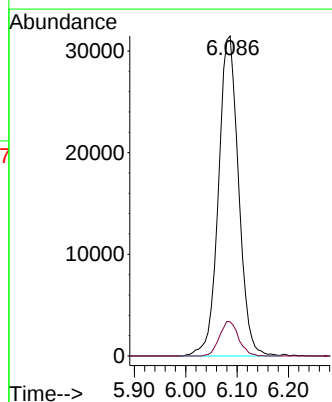
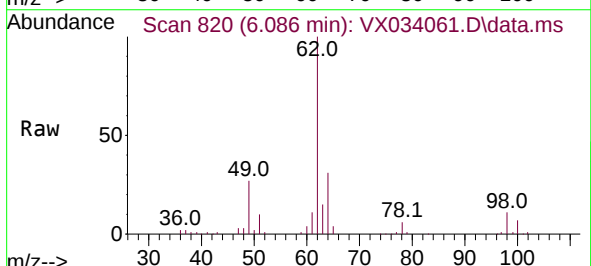
Reviewed By :John Carlone 02/08/2023

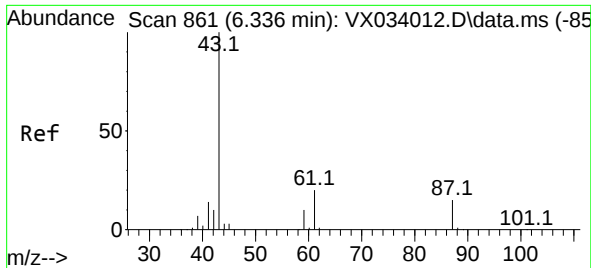
Supervised By :Mahesh Dadoda 02/08/2023



#42
1,2-Dichloroethane
Concen: 50.794 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

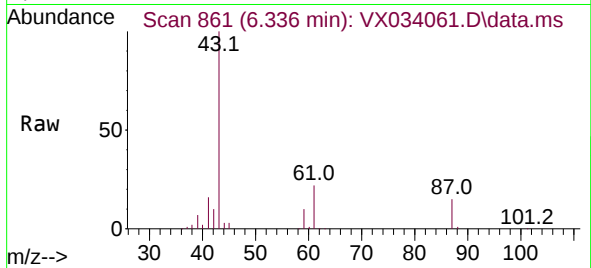
Tgt Ion: 62 Resp: 85541
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43
Isopropyl Acetate
Concen: 47.684 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

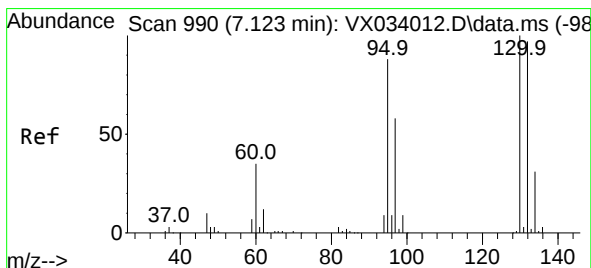
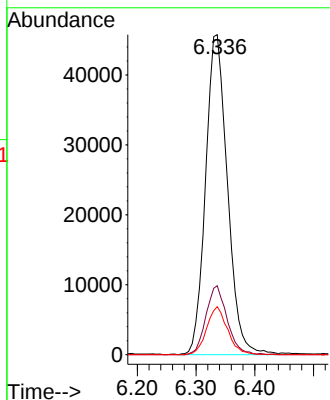
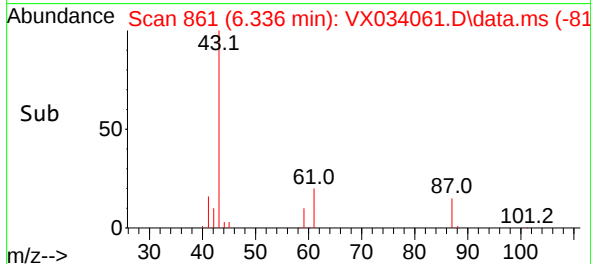
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11866
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 14.3 10.6 15.8

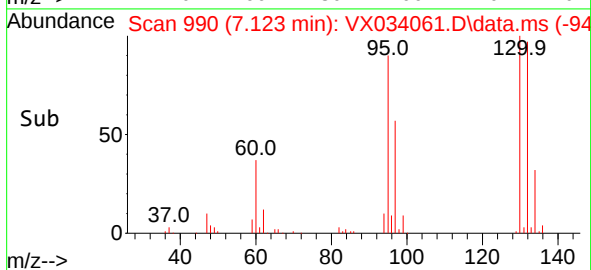
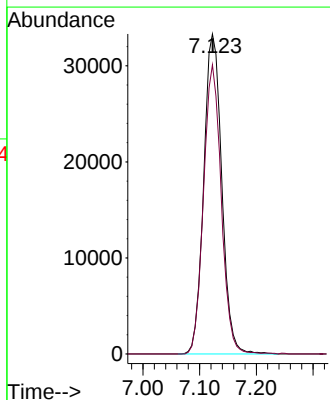
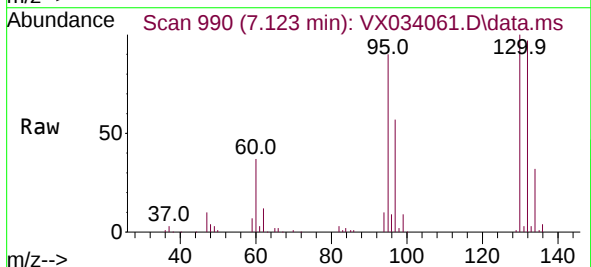
Manual Integrations
APPROVED

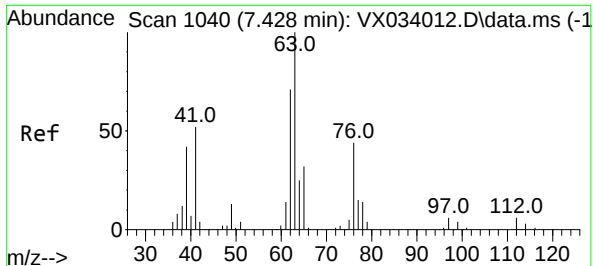
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
Trichloroethene
Concen: 48.321 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion:130 Resp: 73602
Ion Ratio Lower Upper
130 100
95 90.3 0.0 182.6





#45

1,2-Dichloropropane

Concen: 48.361 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59170

Ion Ratio Lower Upper

63 100

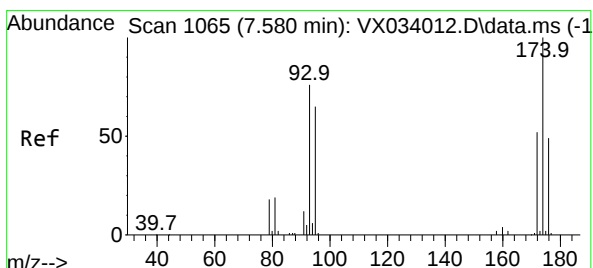
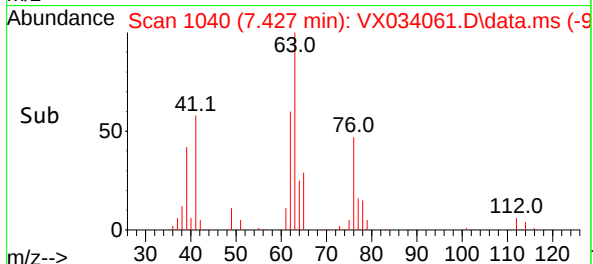
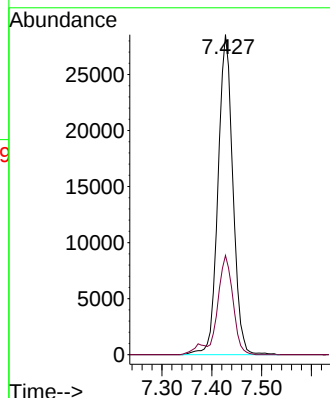
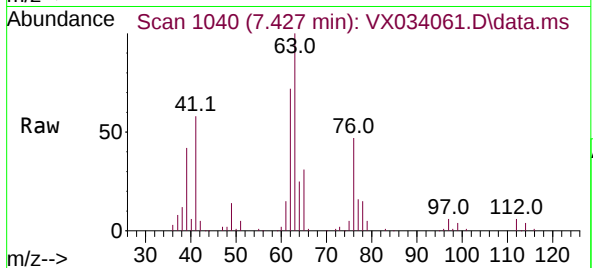
65 31.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 49.477 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

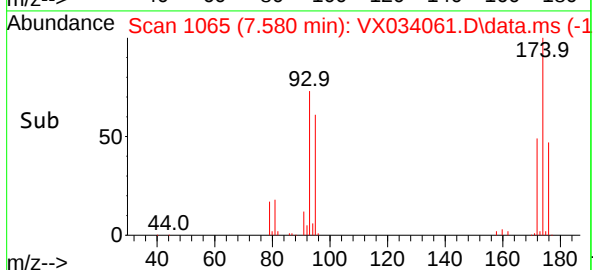
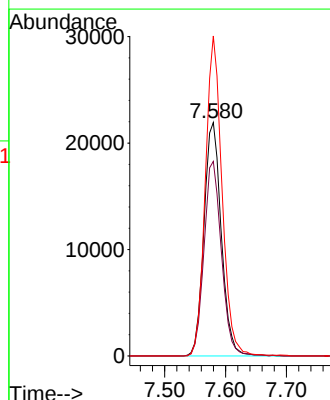
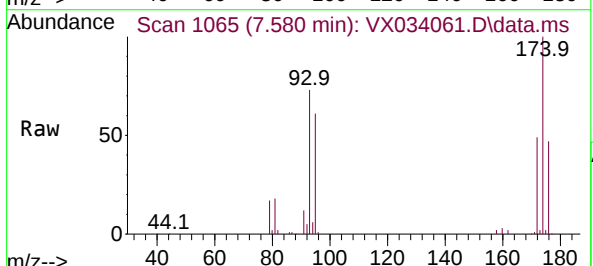
Tgt Ion: 93 Resp: 43374

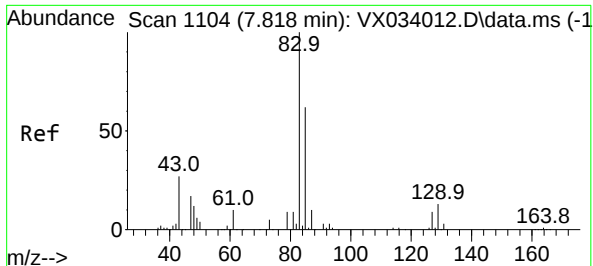
Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

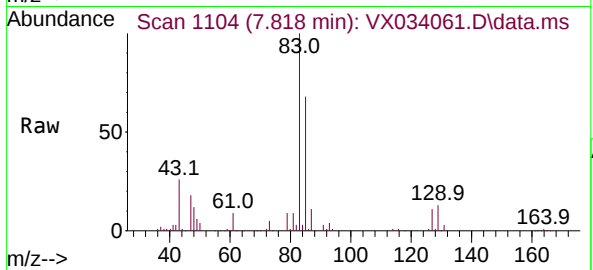
174 131.6 97.4 146.0





#47
Bromodichloromethane
Concen: 50.089 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

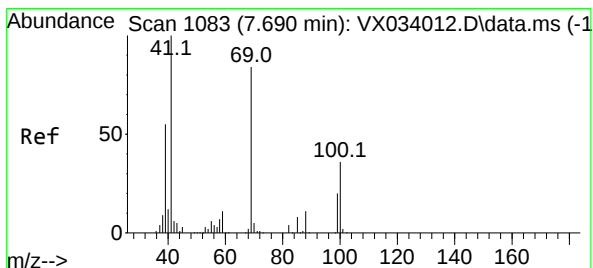
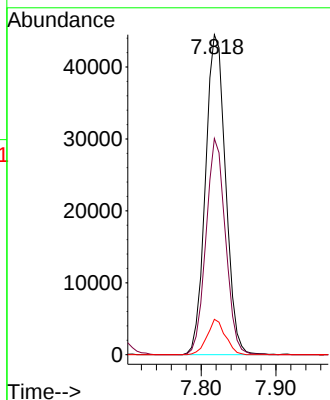
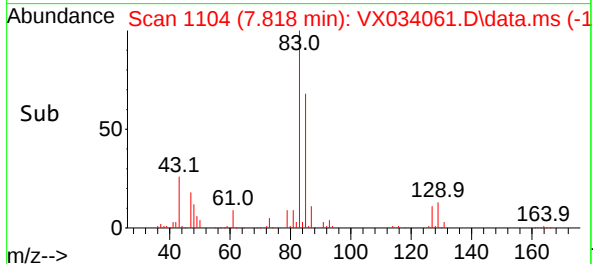
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 83200
Ion Ratio Lower Upper
83 100
85 67.6 49.8 74.6
127 11.0 7.0 10.4

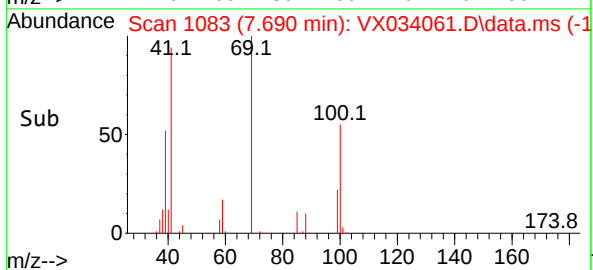
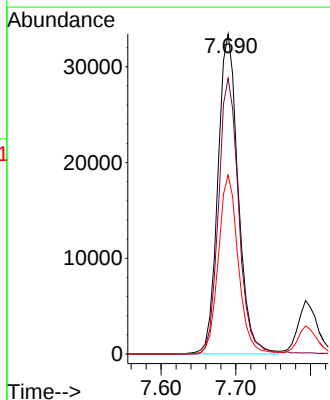
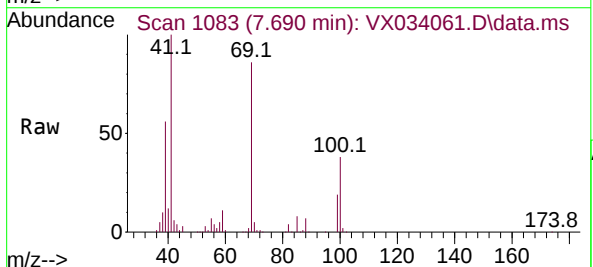
Manual Integrations
APPROVED

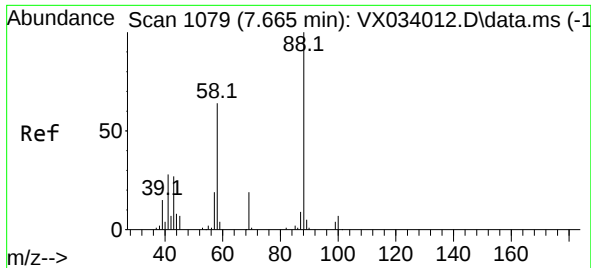
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#48
Methyl methacrylate
Concen: 49.070 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 41 Resp: 63047
Ion Ratio Lower Upper
41 100
69 86.0 63.1 94.7
39 55.0 43.2 64.8





#49

1,4-Dioxane

Concen: 1197.063 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2960

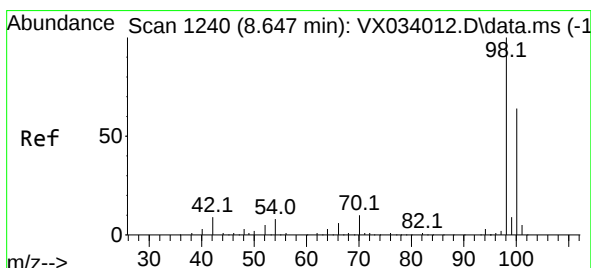
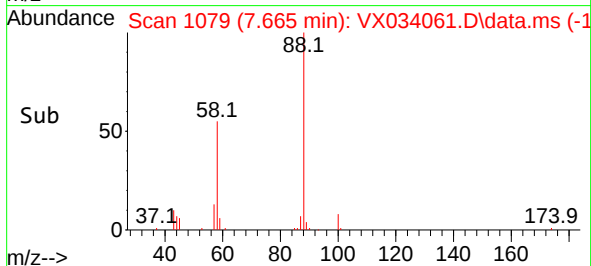
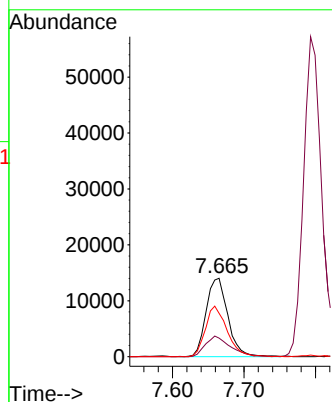
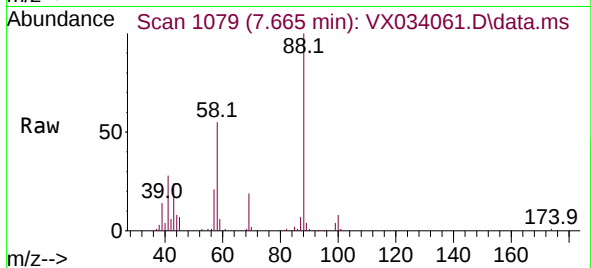
Ion	Ratio	Lower	Upper
88	100		
43	30.1	0.0	0.0
58	64.3	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 46.238 ug/l

RT: 8.647 min Scan# 1240

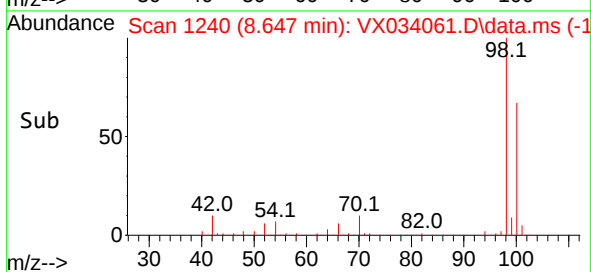
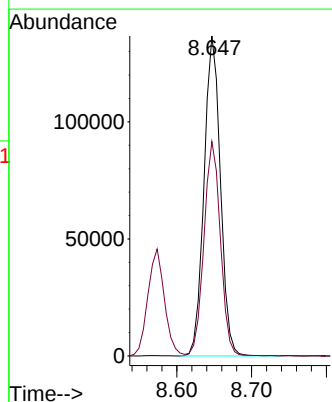
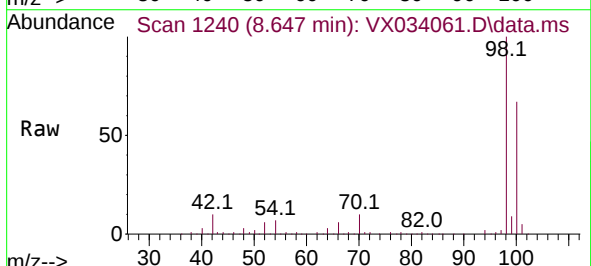
Delta R.T. -0.000 min

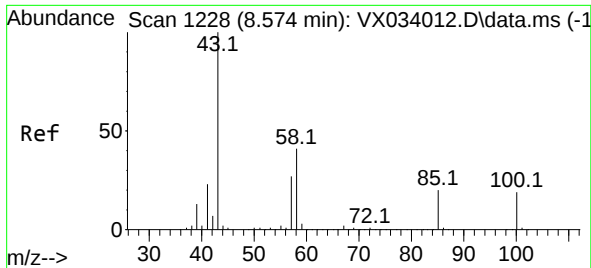
Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Tgt Ion: 98 Resp: 208126

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.6	80.4





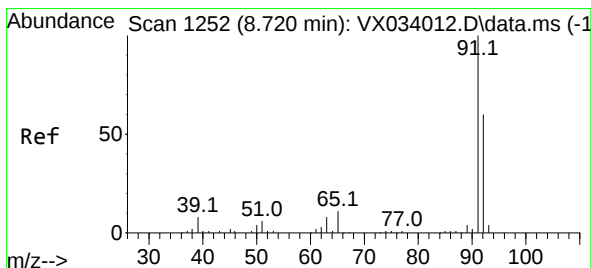
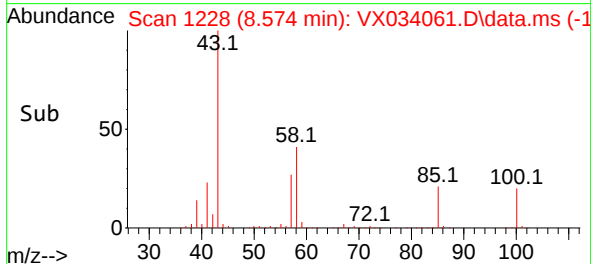
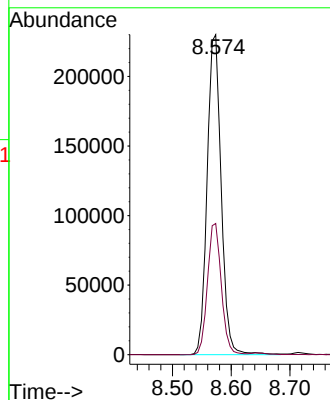
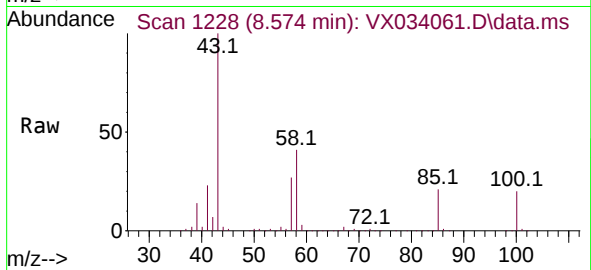
#51
4-Methyl-2-Pentanone
Concen: 244.511 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 381658
Ion Ratio Lower Upper
43 100
58 40.5 31.2 46.8

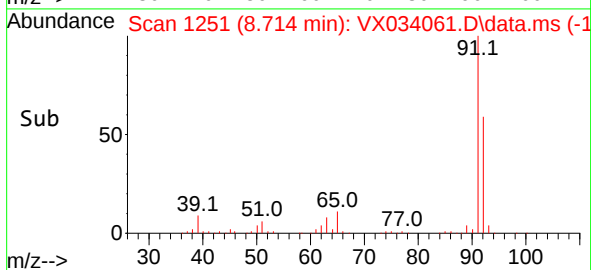
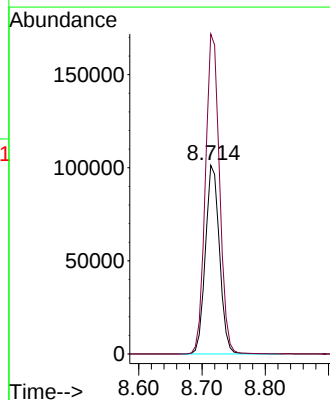
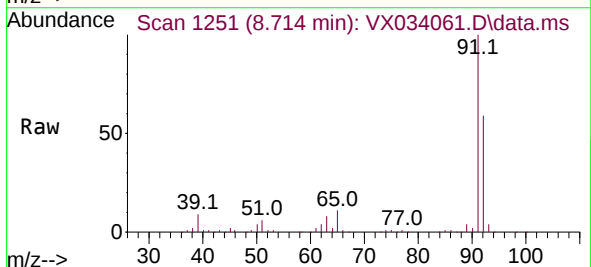
Manual Integrations
APPROVED

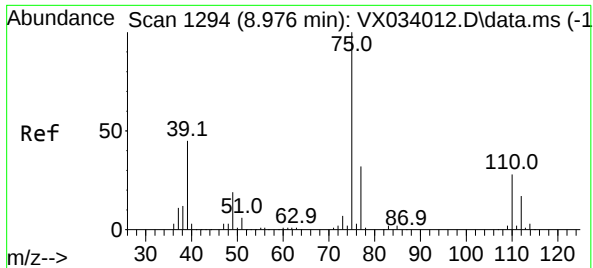
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#52
Toluene
Concen: 48.932 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 92 Resp: 157162
Ion Ratio Lower Upper
92 100
91 170.4 135.5 203.3





#53
t-1,3-Dichloropropene
Concen: 51.723 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

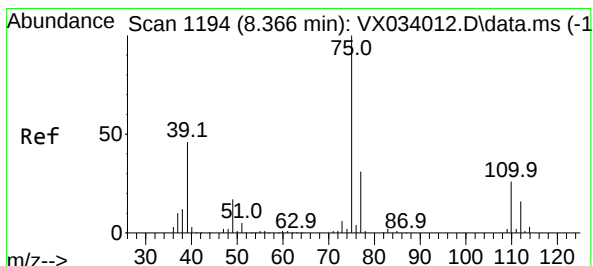
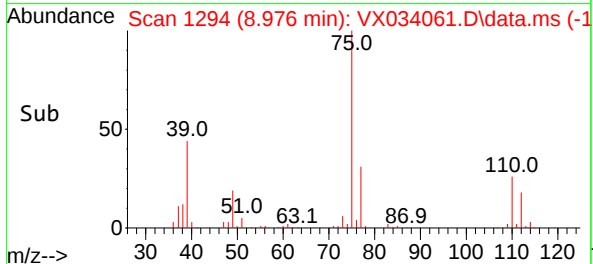
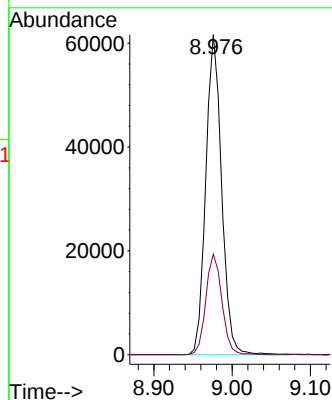
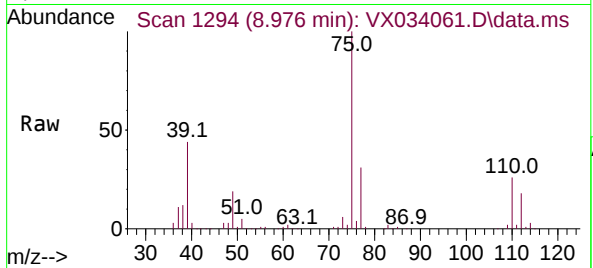
VSTDCCC050

Tgt Ion: 75 Resp: 86372
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

Manual Integrations

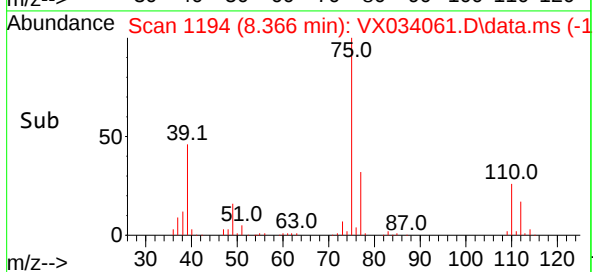
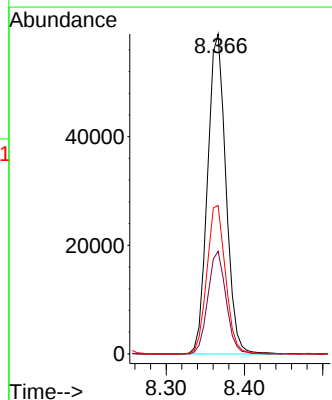
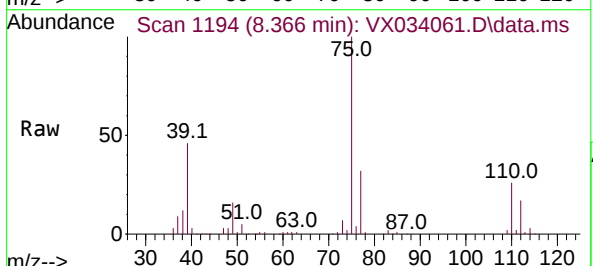
APPROVED

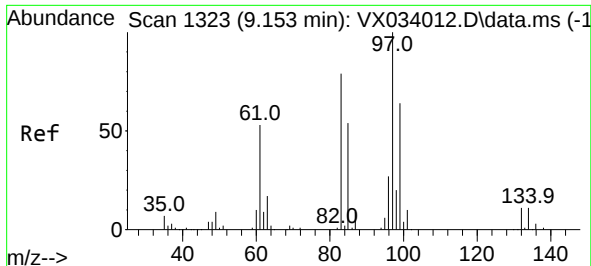
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 50.316 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion: 75 Resp: 95596
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6
39 46.4 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 49.622 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 63660

Ion Ratio Lower Upper

97 100

83 80.9 67.4 101.0

85 52.0 43.2 64.8

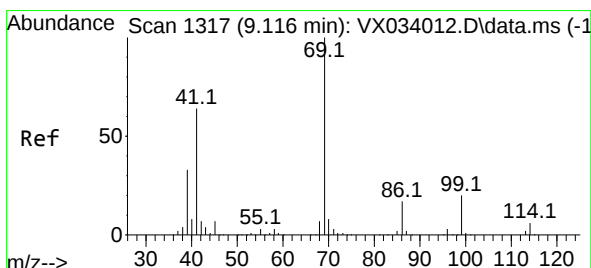
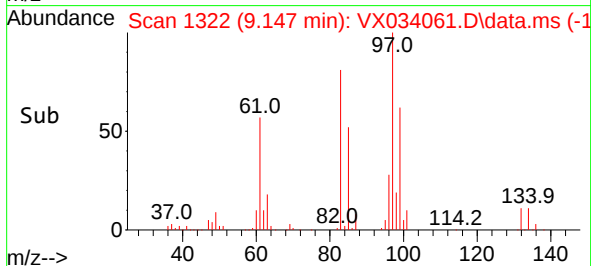
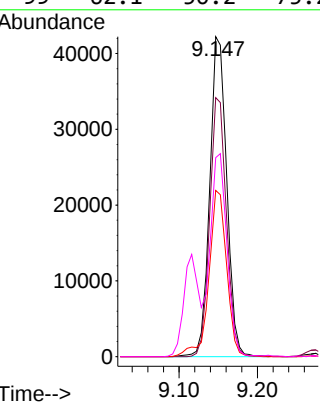
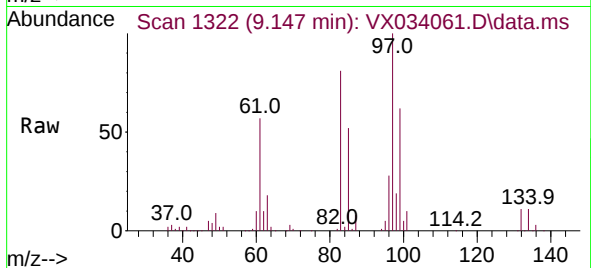
99 62.1 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#56

Ethyl methacrylate

Concen: 51.084 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

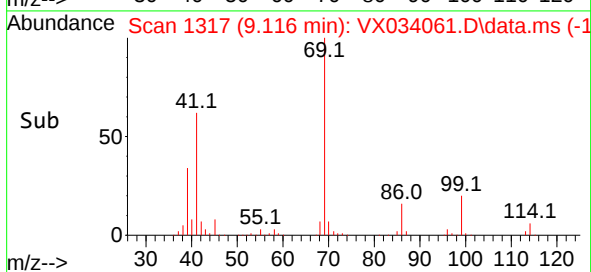
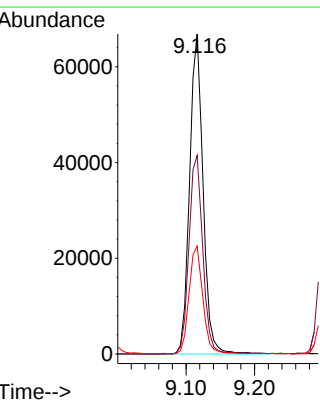
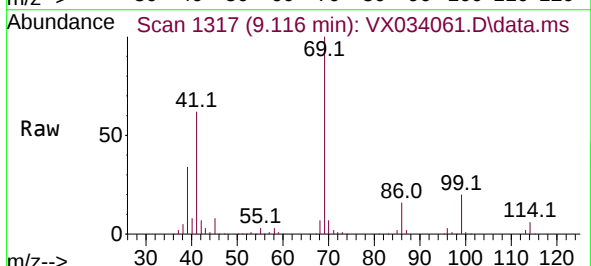
Tgt Ion: 69 Resp: 91534

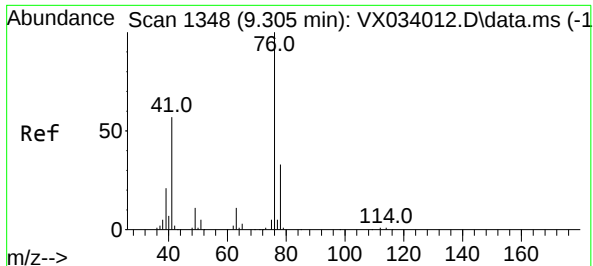
Ion Ratio Lower Upper

69 100

41 64.1 55.1 82.7

39 34.7 28.5 42.7





#57

1,3-Dichloropropane

Concen: 49.600 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10394

Ion Ratio Lower Upper

76 100

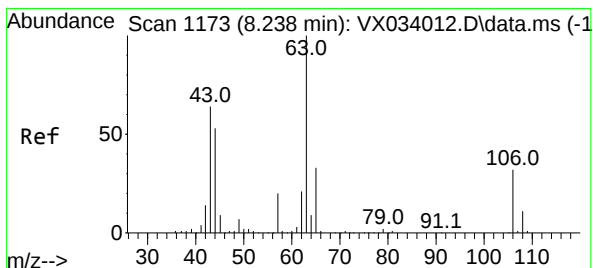
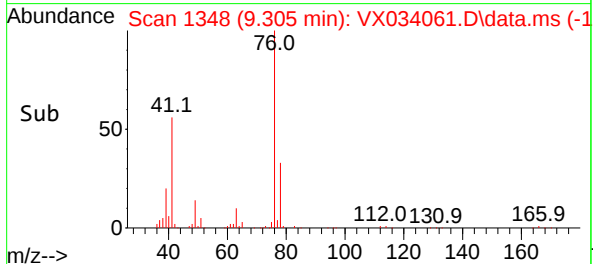
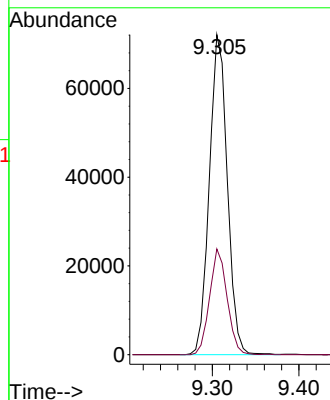
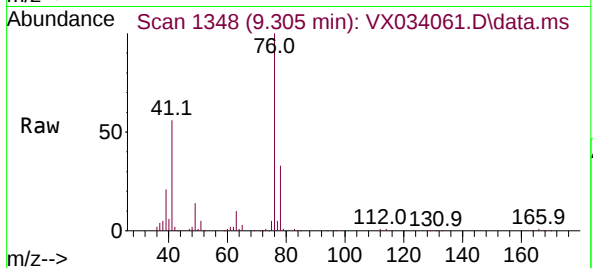
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 243.523 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034061.D

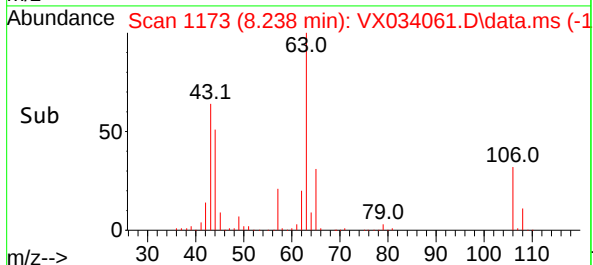
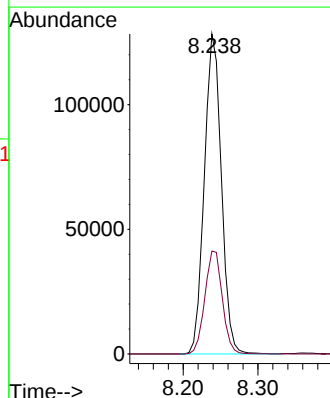
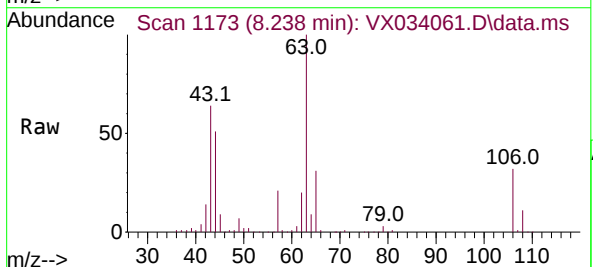
Acq: 07 Feb 2023 15:12

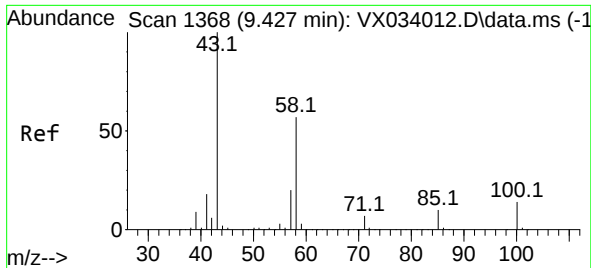
Tgt Ion: 63 Resp: 203020

Ion Ratio Lower Upper

63 100

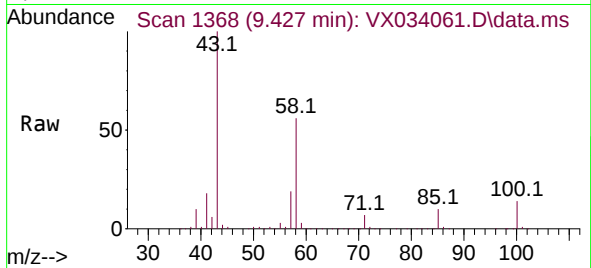
106 33.0 24.5 36.7





#59
2-Hexanone
Concen: 247.248 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

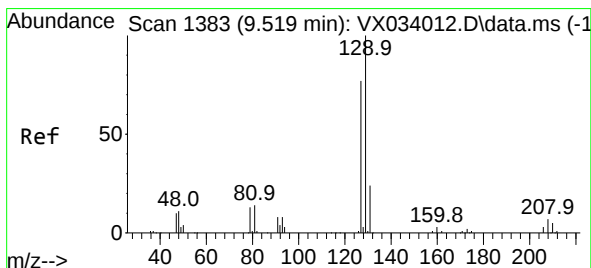
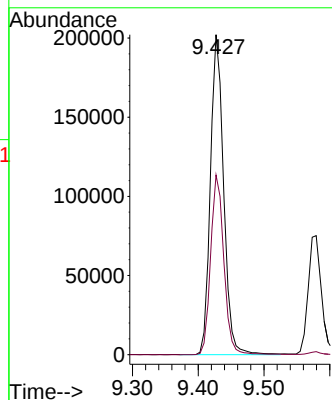
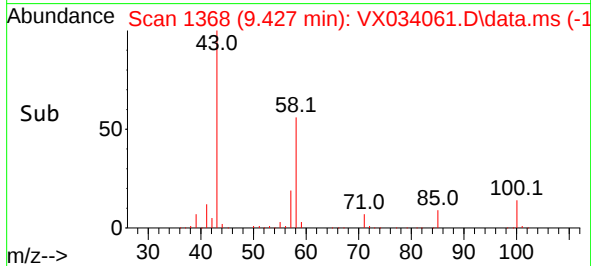
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 282428
Ion Ratio Lower Upper
43 100
58 56.4 27.4 82.0

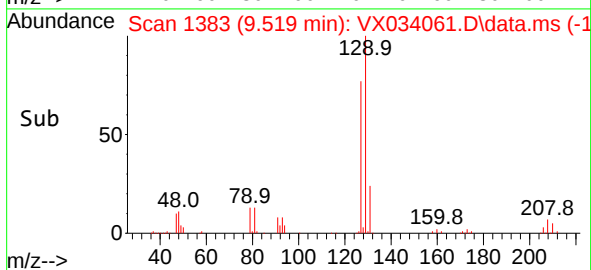
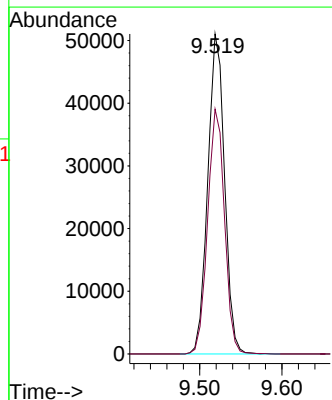
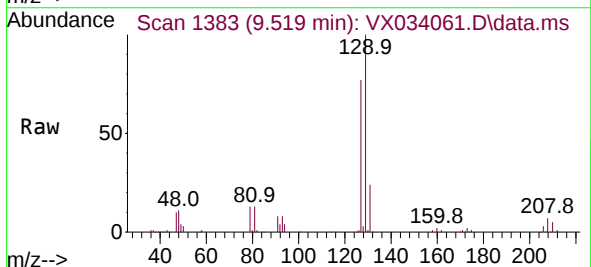
Manual Integrations
APPROVED

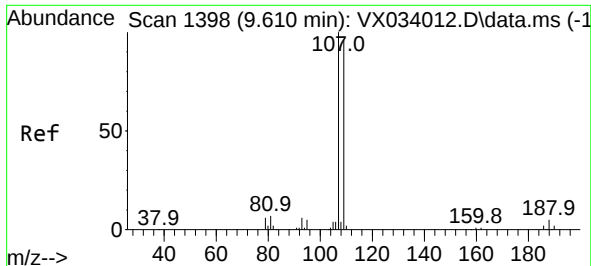
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 50.861 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

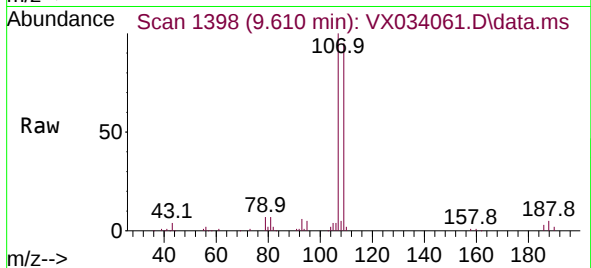
Tgt Ion:129 Resp: 72317
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61
1,2-Dibromoethane
Concen: 49.447 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

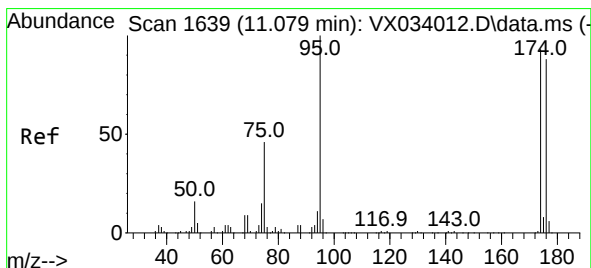
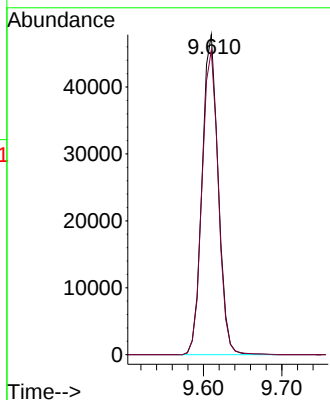
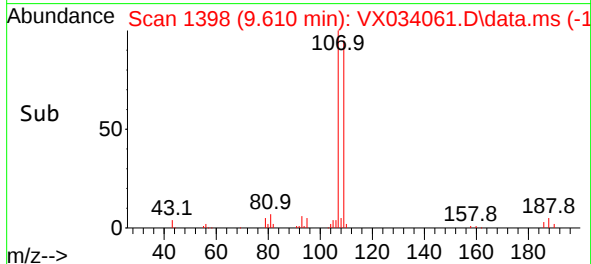
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



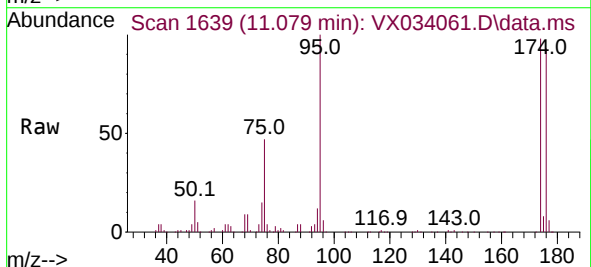
Tgt Ion:107 Resp: 6821
Ion Ratio Lower Upper
107 100
109 96.4 74.2 111.2

Manual Integrations
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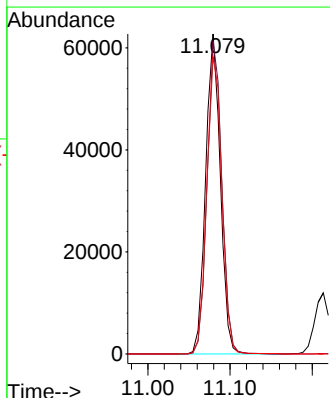
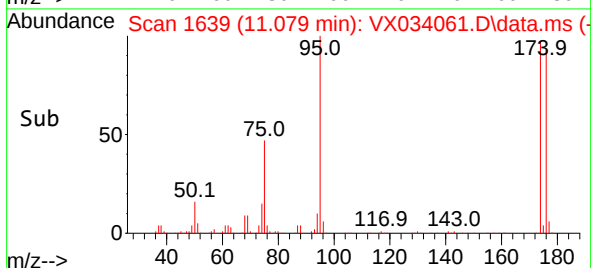
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

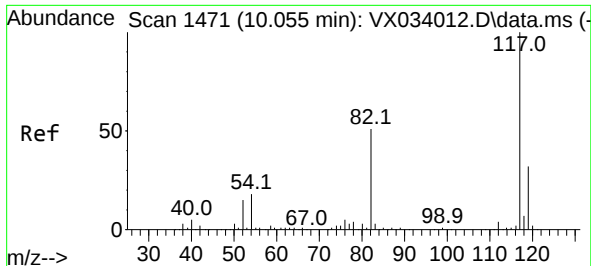


#62
4-Bromofluorobenzene
Concen: 48.222 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



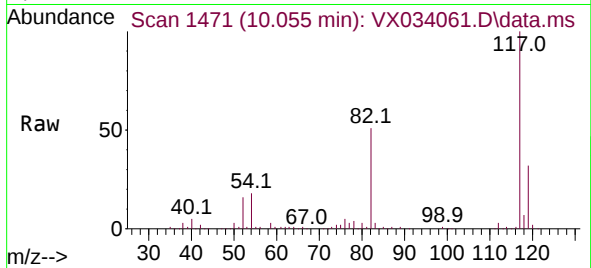
Tgt Ion: 95 Resp: 77522
Ion Ratio Lower Upper
95 100
174 98.5 0.0 184.4
176 95.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

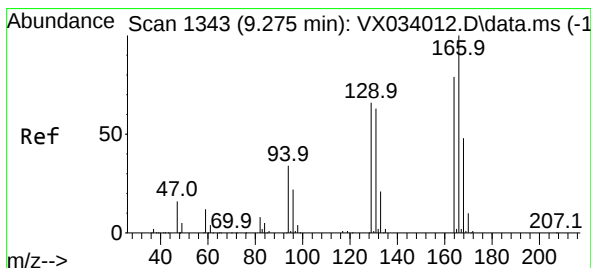
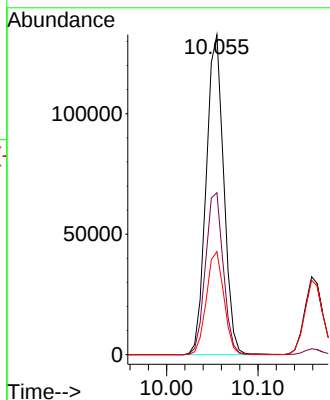
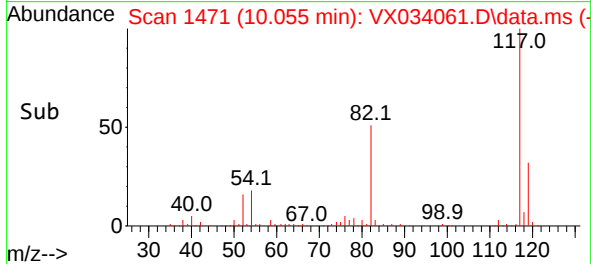
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 176598
Ion Ratio Lower Upper
117 100
82 50.6 40.6 60.8
119 32.2 25.6 38.4

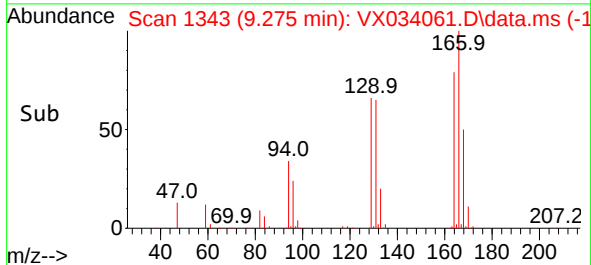
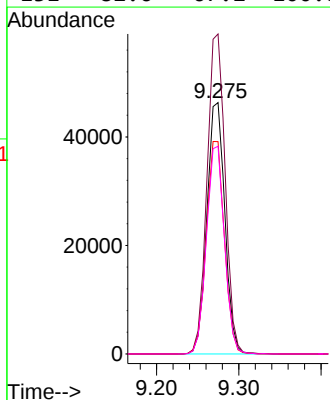
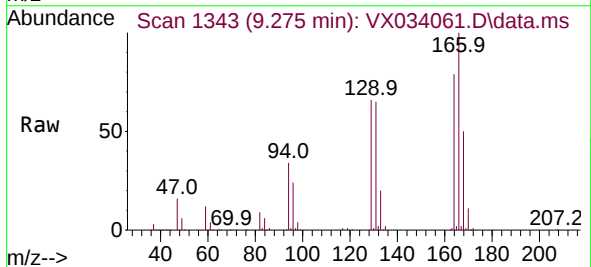
Manual Integrations
APPROVED

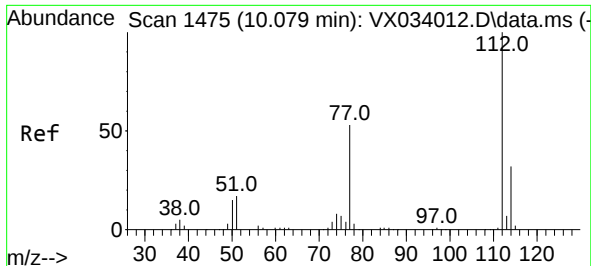
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 47.613 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Tgt Ion:164 Resp: 70209
Ion Ratio Lower Upper
164 100
166 127.3 100.2 150.2
129 84.5 69.2 103.8
131 82.6 67.2 100.8





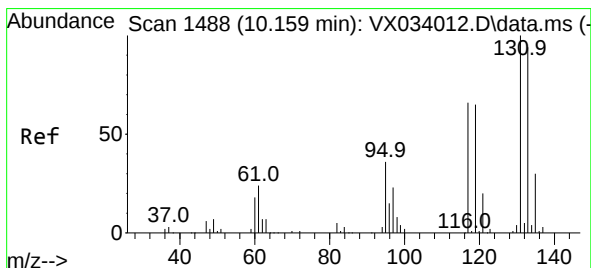
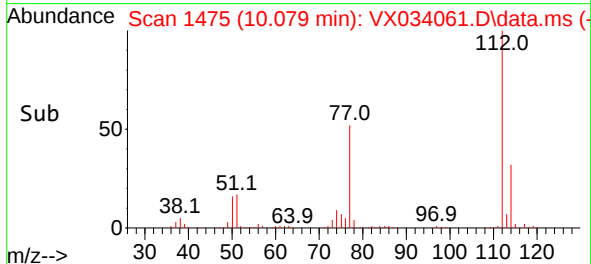
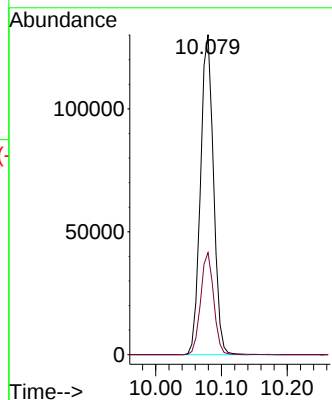
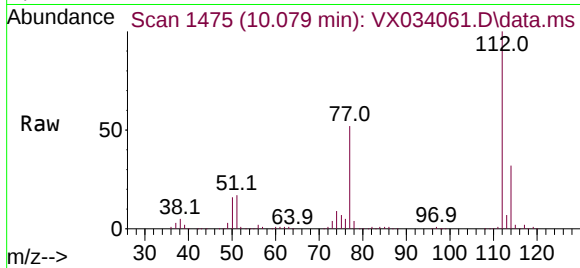
#65
Chlorobenzene
Concen: 49.074 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17898
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

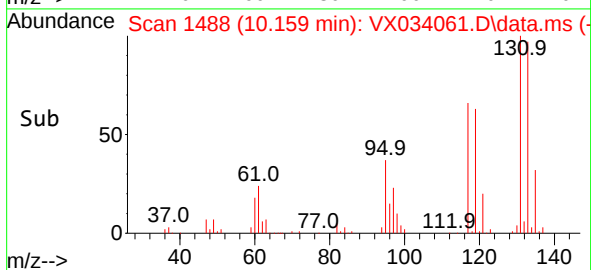
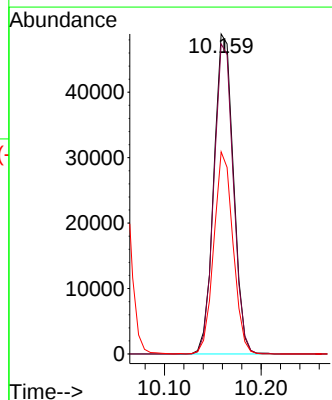
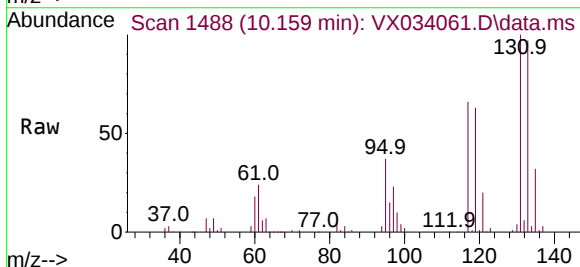
Manual Integrations
APPROVED

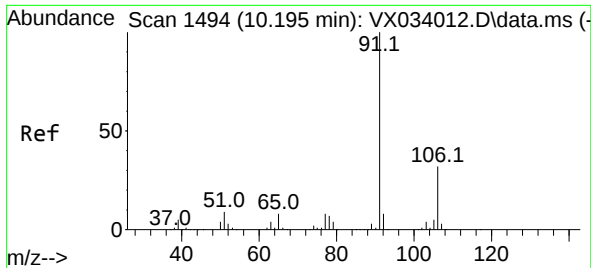
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.909 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

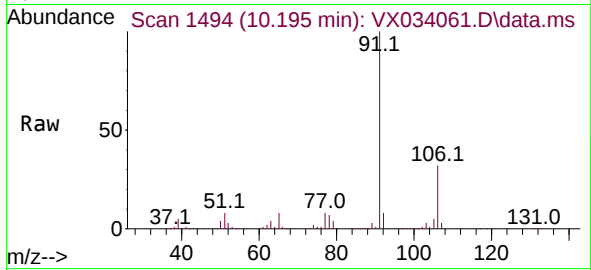
Tgt Ion:131 Resp: 68787
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.0
119 61.9 31.9 95.7





#67
Ethyl Benzene
Concen: 49.739 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

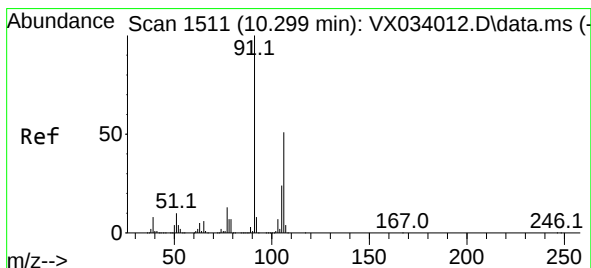
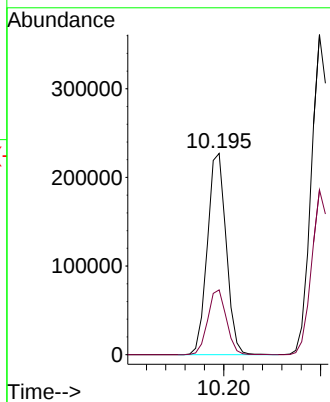
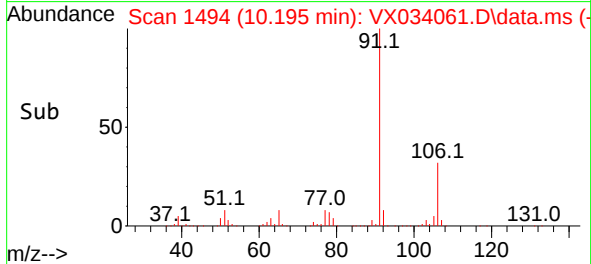
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



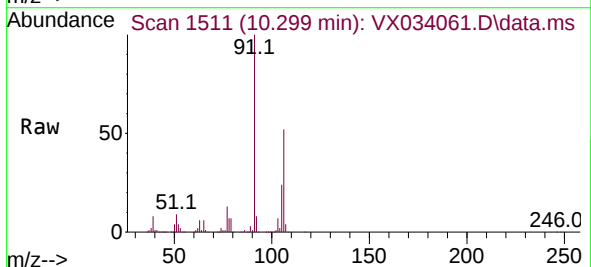
Tgt Ion: 91 Resp: 307052
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

Manual Integrations
APPROVED

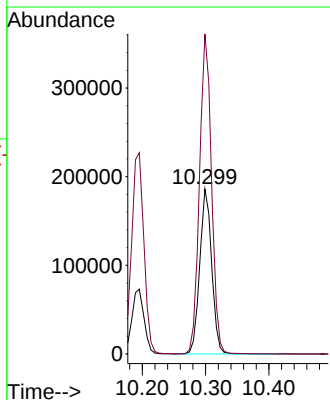
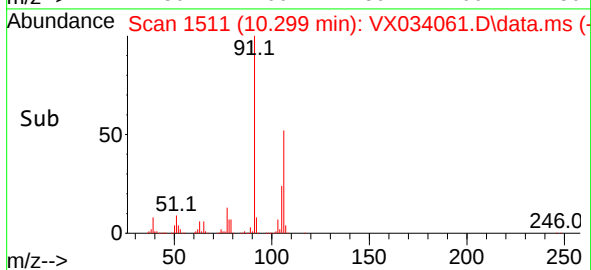
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

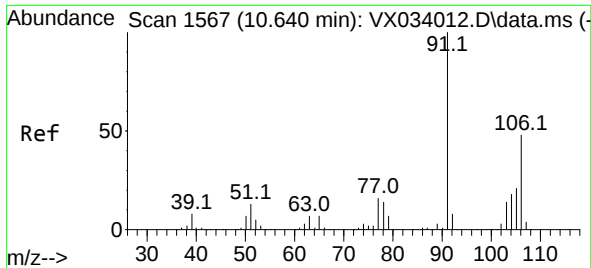


#68
m/p-Xylenes
Concen: 99.166 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



Tgt Ion:106 Resp: 244701
Ion Ratio Lower Upper
106 100
91 195.7 156.4 234.6





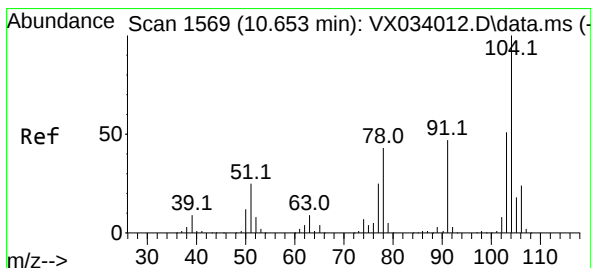
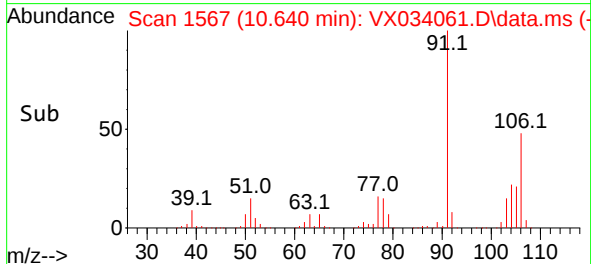
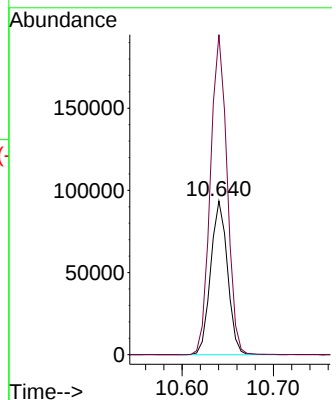
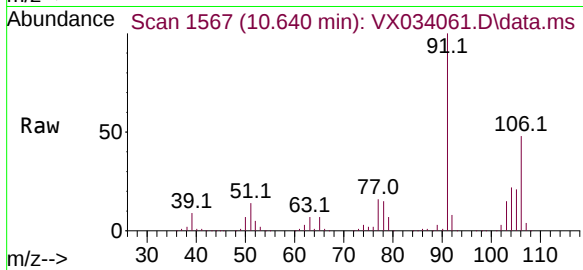
#69
o-Xylene
Concen: 50.457 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 119579
Ion Ratio Lower Upper
106 100
91 206.6 103.1 309.3

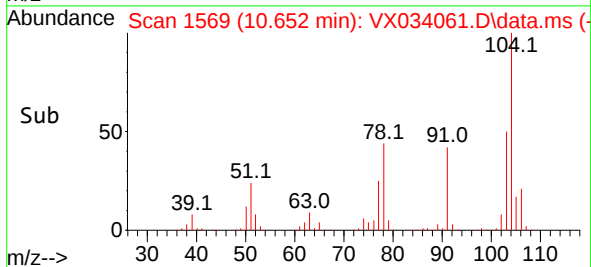
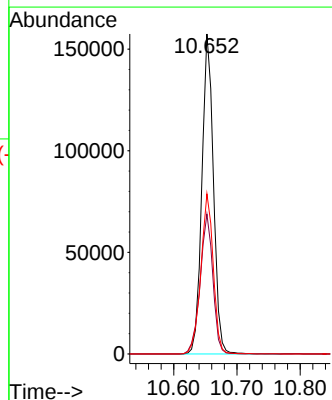
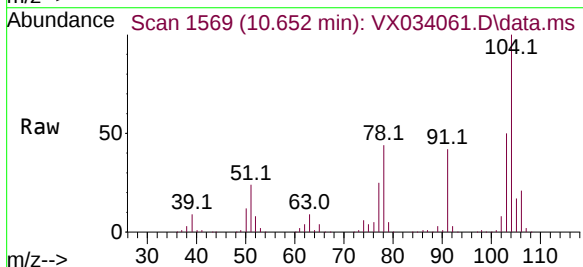
Manual Integrations
APPROVED

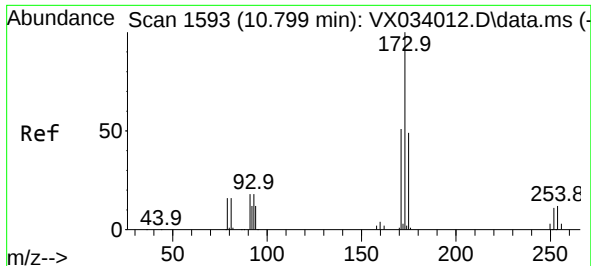
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 51.431 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

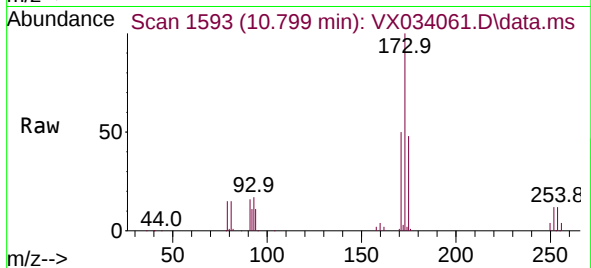
Tgt Ion:104 Resp: 200748
Ion Ratio Lower Upper
104 100
78 47.8 37.5 56.3
103 53.8 43.3 64.9





#71
Bromoform
Concen: 52.101 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

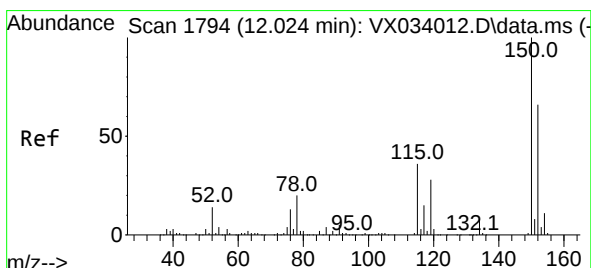
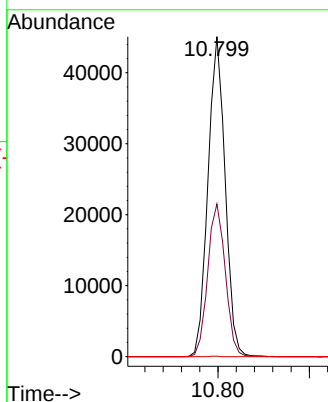
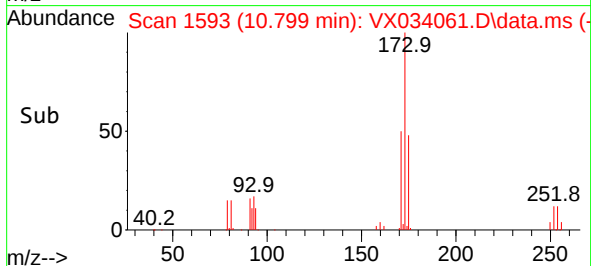
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



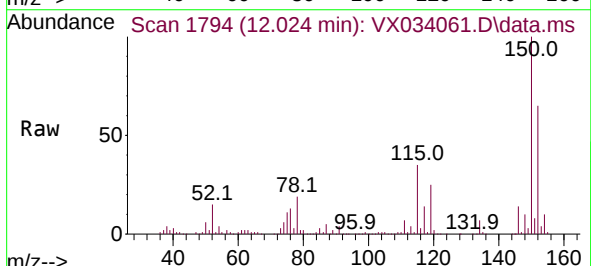
Tgt Ion:173 Resp: 58574
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.1 0.1 0.1

Manual Integrations
APPROVED

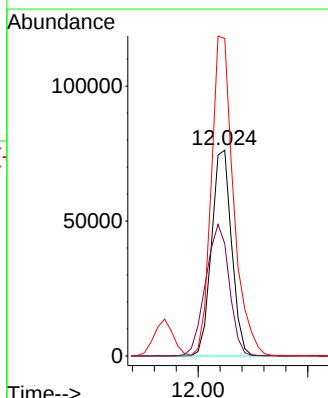
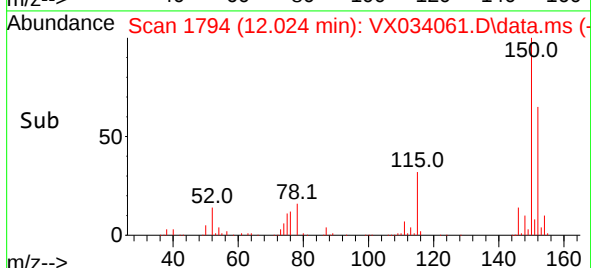
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

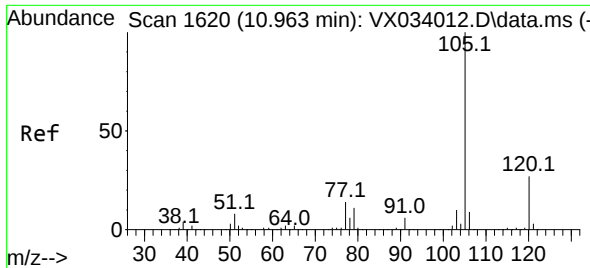


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



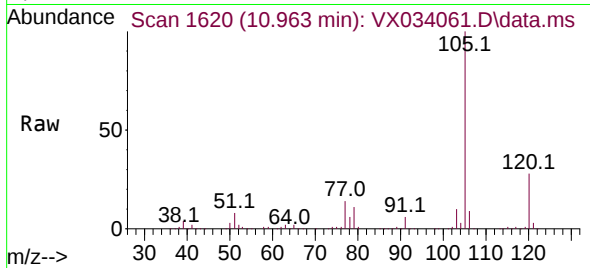
Tgt Ion:152 Resp: 96921
Ion Ratio Lower Upper
152 100
115 75.3 38.7 116.1
150 171.6 0.0 348.2





#73
Isopropylbenzene
Concen: 49.004 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

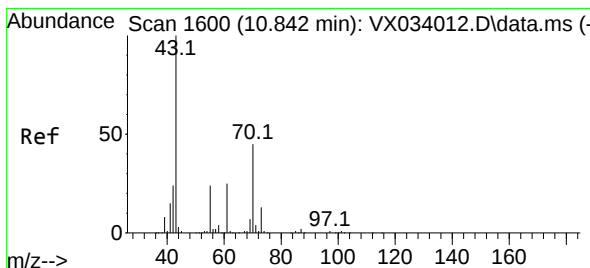
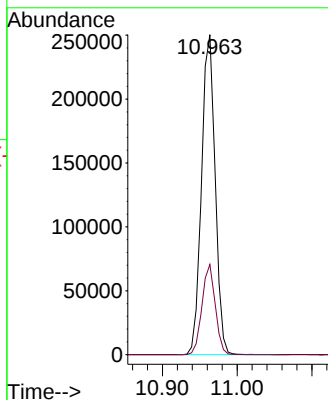
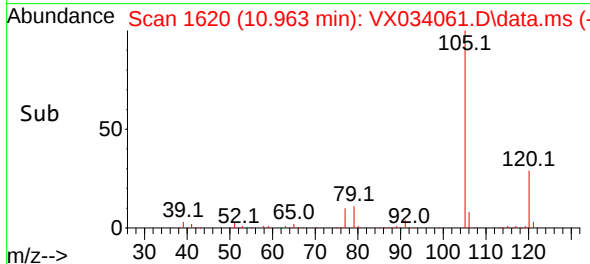
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



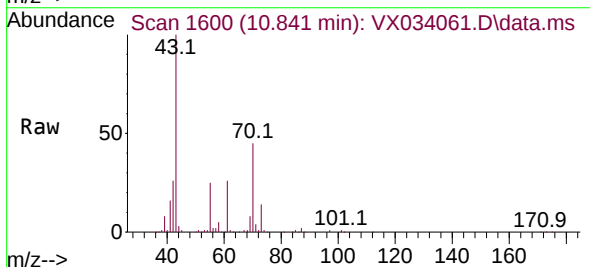
Tgt Ion:105 Resp: 317418
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8

Manual Integrations
APPROVED

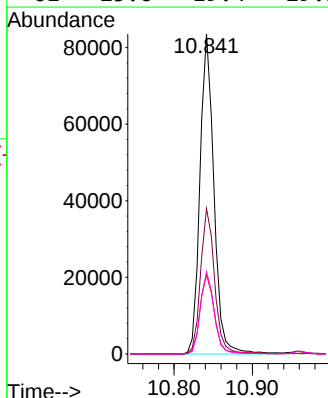
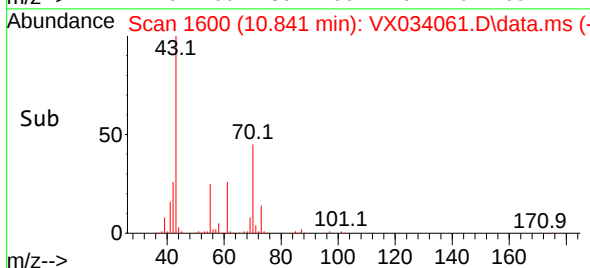
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

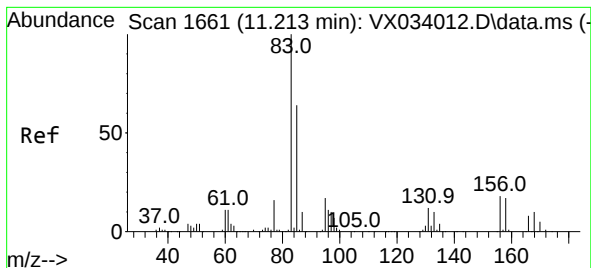


#74
N-ethyl acetate
Concen: 48.520 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



Tgt Ion: 43 Resp: 103537
Ion Ratio Lower Upper
43 100
70 45.9 34.8 52.2
55 25.7 19.4 29.0
61 25.6 19.4 29.2





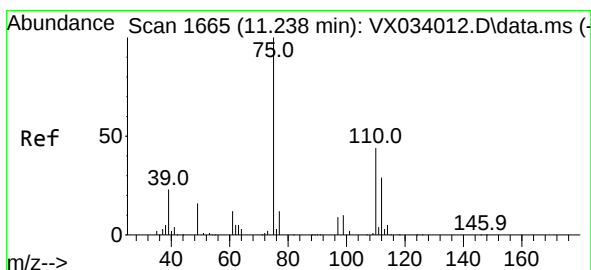
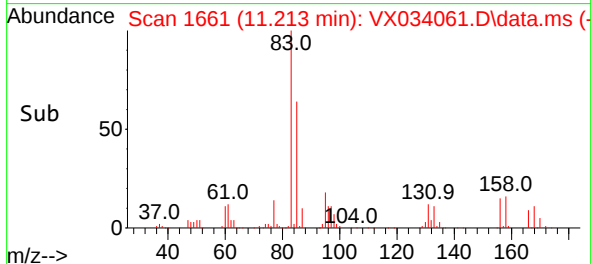
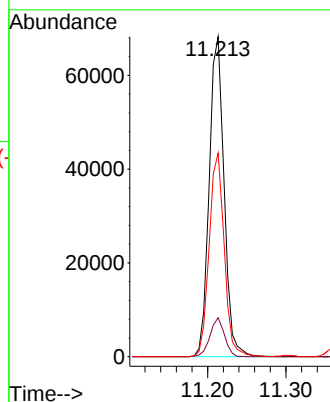
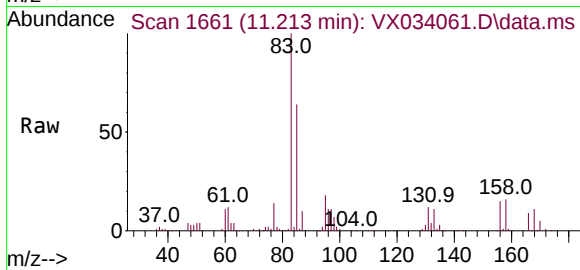
#75
1,1,2,2-Tetrachloroethane
Concen: 46.144 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 89934
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.7
85 64.2 32.3 96.9

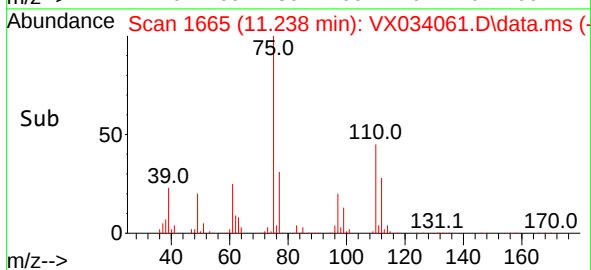
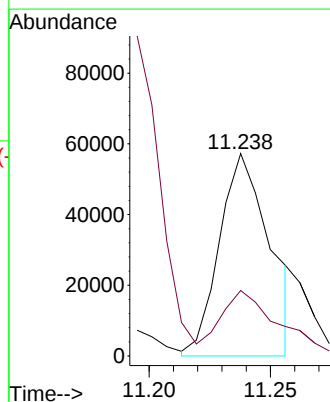
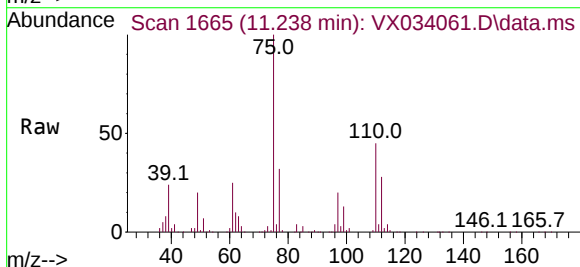
Manual Integrations
APPROVED

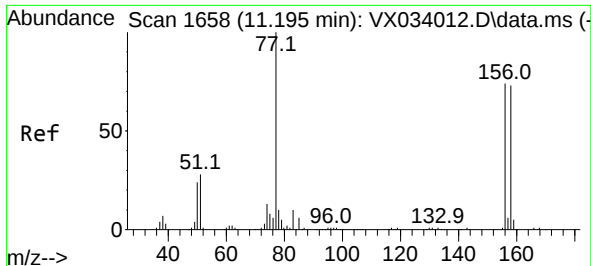
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#76
1,2,3-Trichloropropane
Concen: 49.691 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

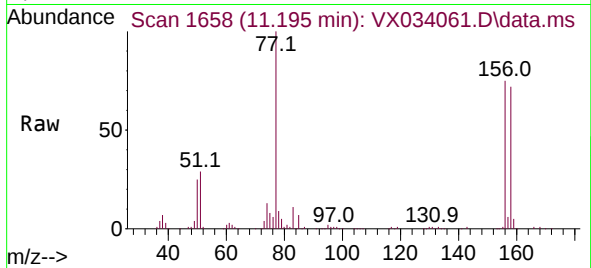
Tgt Ion: 75 Resp: 82696
Ion Ratio Lower Upper
75 100
77 37.4 21.8 65.4





#77
Bromobenzene
Concen: 48.154 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

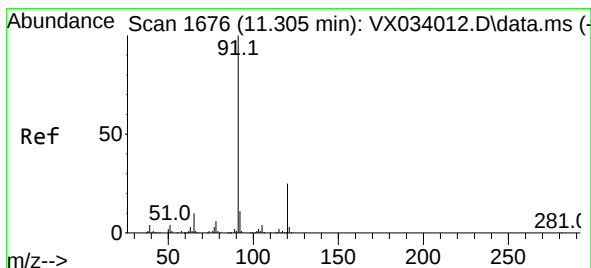
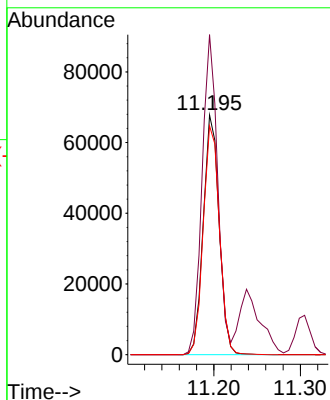
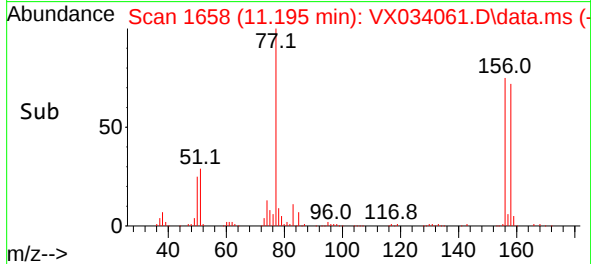
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



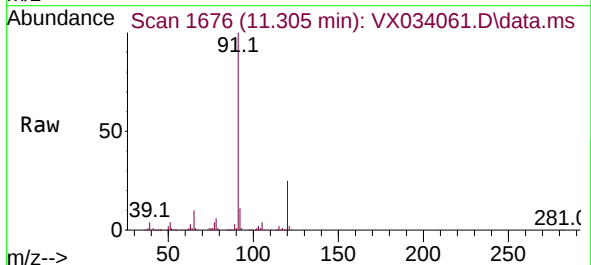
Tgt Ion:156 Resp: 8649
Ion Ratio Lower Upper
156 100
77 130.7 68.1 204.3
158 97.5 48.0 144.2

Manual Integrations
APPROVED

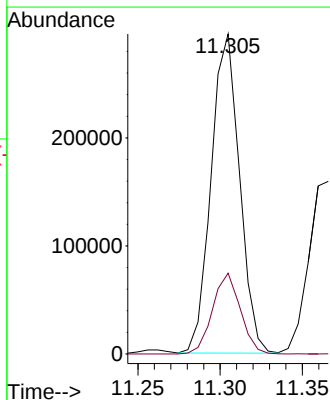
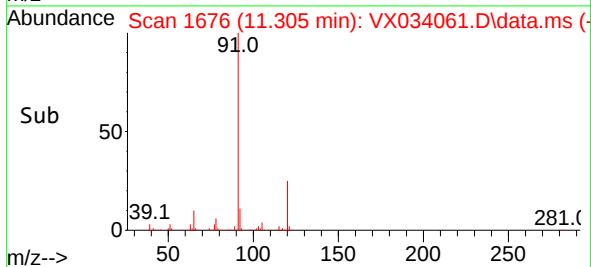
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

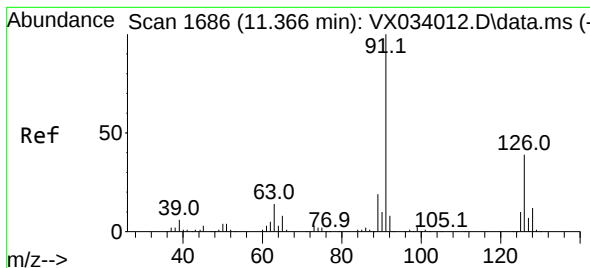


#78
n-propylbenzene
Concen: 49.608 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



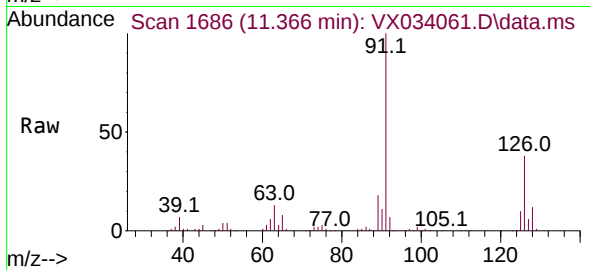
Tgt Ion: 91 Resp: 355292
Ion Ratio Lower Upper
91 100
120 24.7 12.3 36.8





#79
2-Chlorotoluene
Concen: 47.774 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

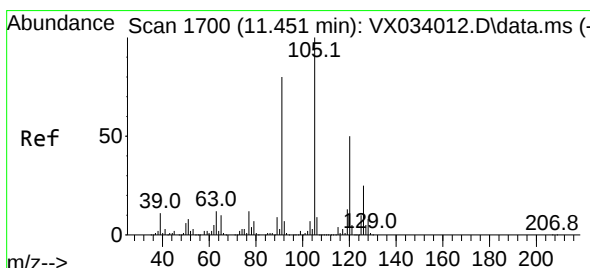
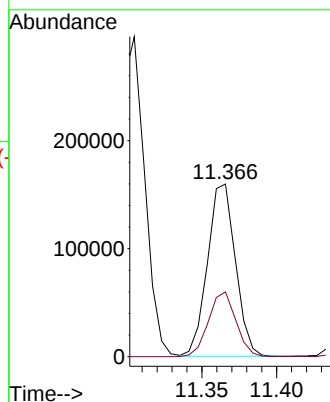
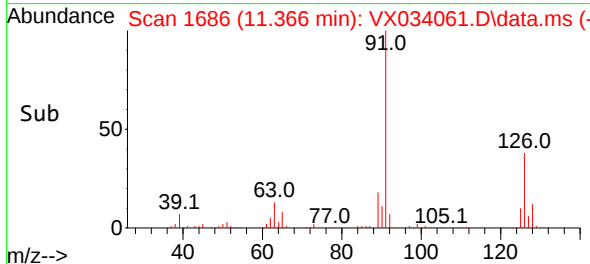
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



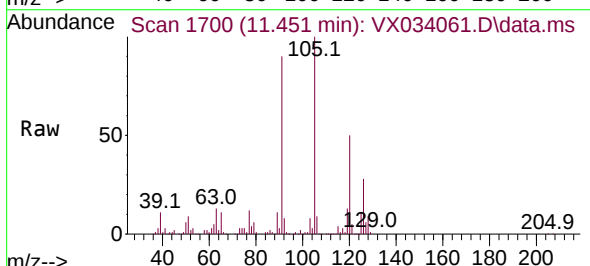
Tgt Ion: 91 Resp: 207172
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.1

Manual Integrations
APPROVED

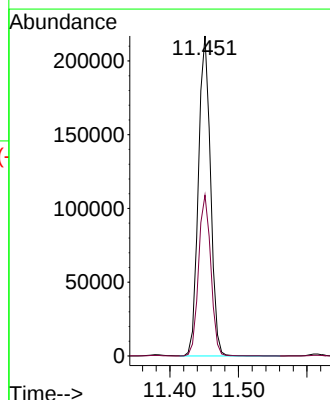
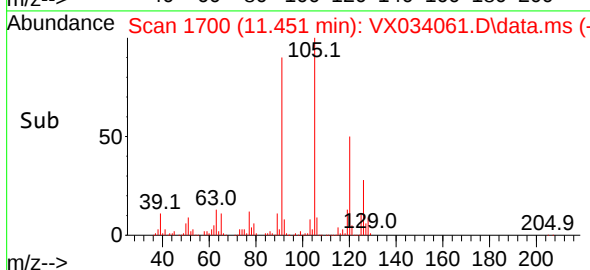
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.566 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



Tgt Ion:105 Resp: 267240
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.8





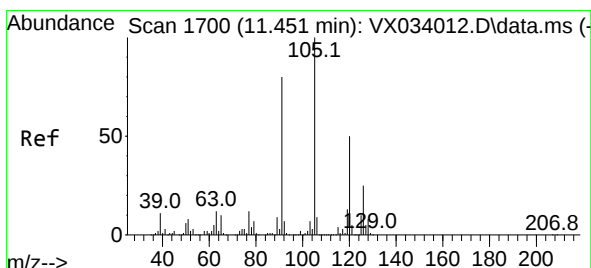
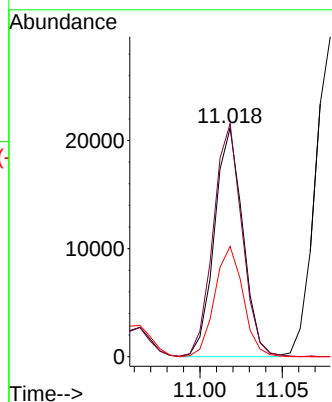
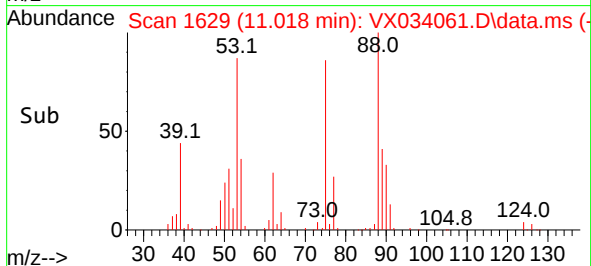
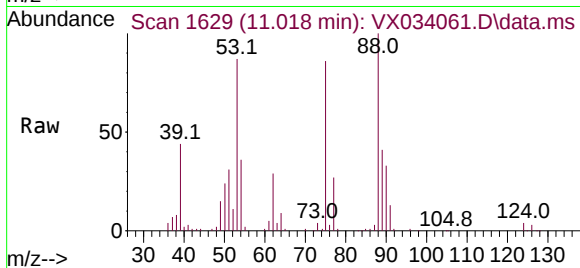
#81
trans-1,4-Dichloro-2-butene
Concen: 47.023 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2541
Ion Ratio Lower Upper
75 100
53 103.4 83.0 124.6
89 48.0 37.7 56.5

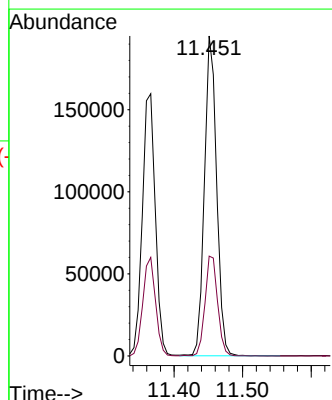
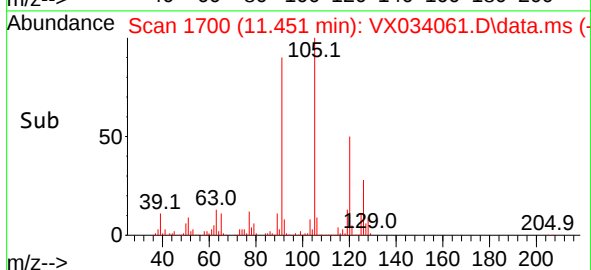
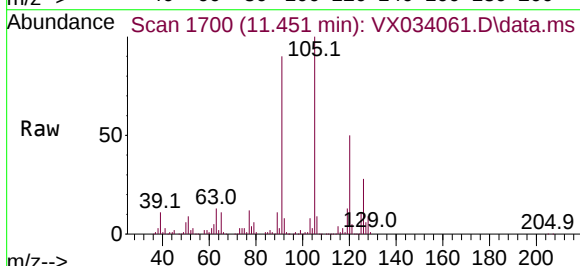
Manual Integrations
APPROVED

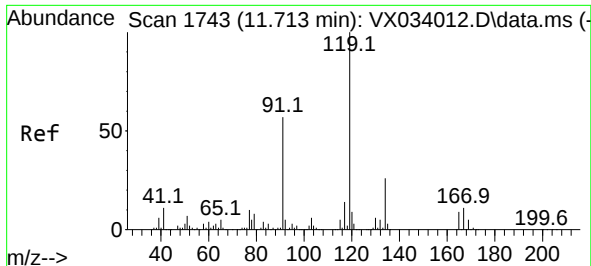
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 49.255 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

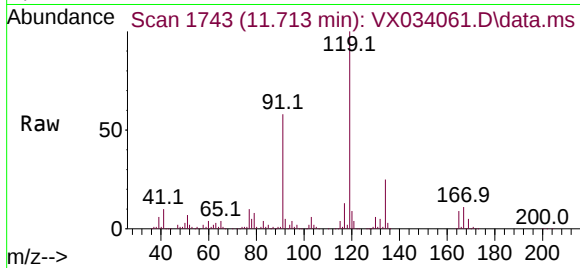
Tgt Ion: 91 Resp: 241581
Ion Ratio Lower Upper
91 100
126 32.4 15.8 47.4





#83
tert-Butylbenzene
Concen: 49.060 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

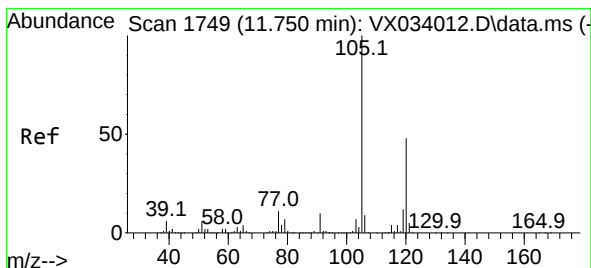
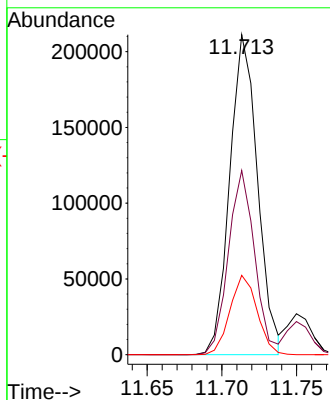
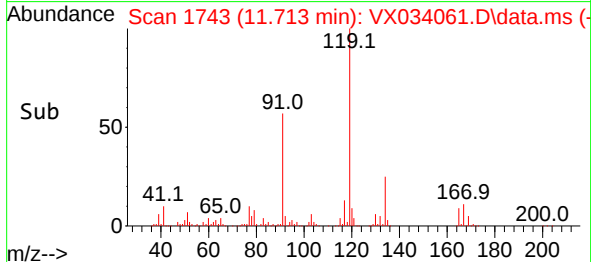
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



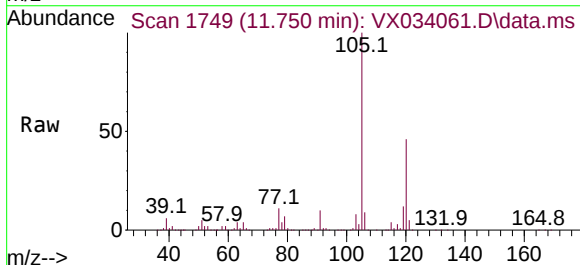
Tgt Ion:119 Resp: 273270
Ion Ratio Lower Upper
119 100
91 54.5 26.9 80.7
134 24.2 12.3 36.8

Manual Integrations
APPROVED

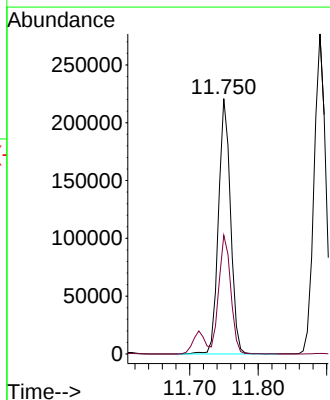
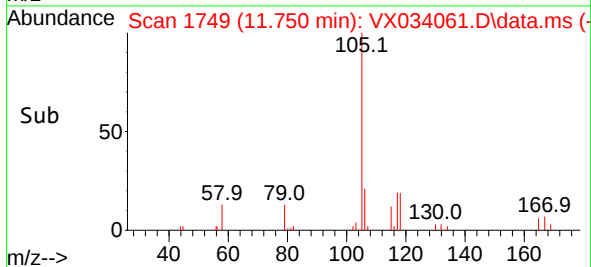
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

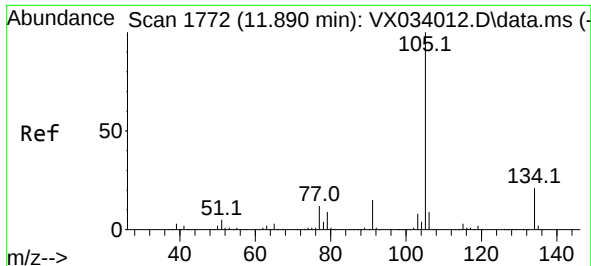


#84
1,2,4-Trimethylbenzene
Concen: 49.865 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



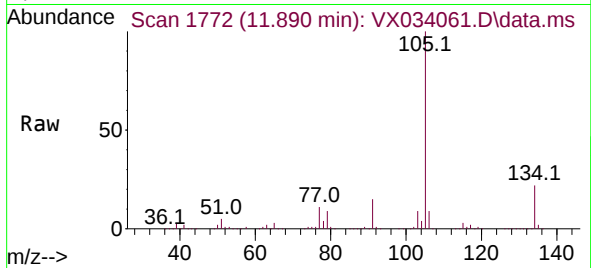
Tgt Ion:105 Resp: 268600
Ion Ratio Lower Upper
105 100
120 45.6 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.526 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034061.D
 Acq: 07 Feb 2023 15:12

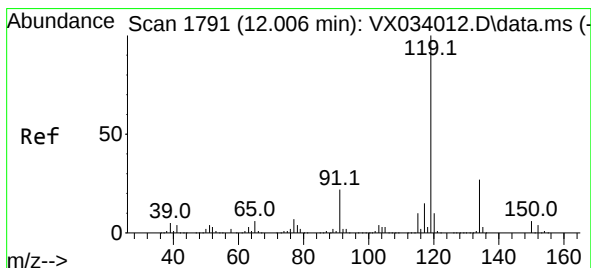
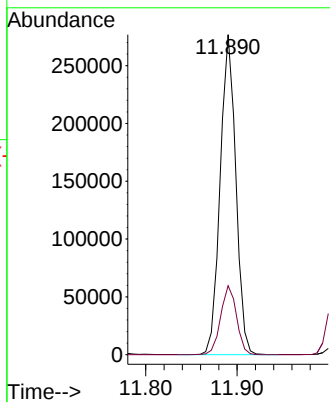
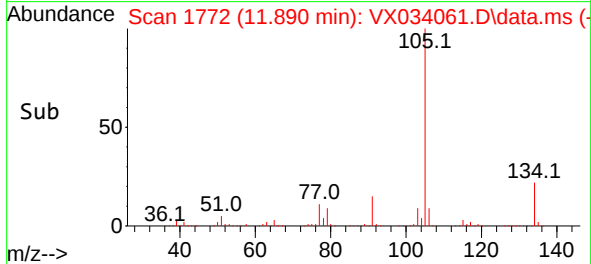
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



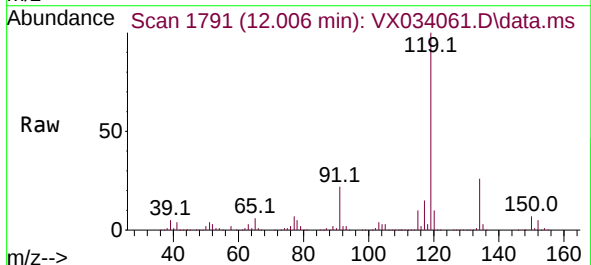
Tgt Ion:105 Resp: 330072
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations
 APPROVED

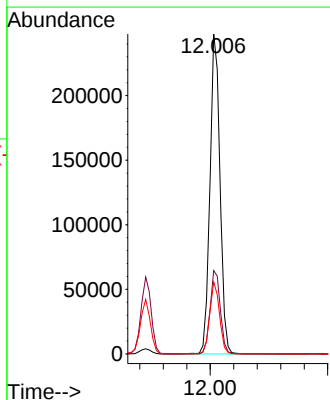
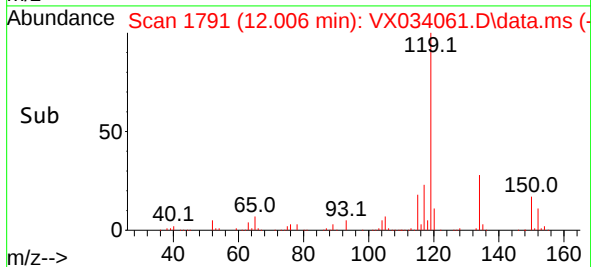
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

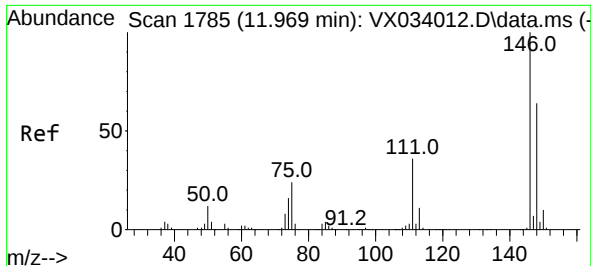


#86
 p-Isopropyltoluene
 Concen: 50.183 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034061.D
 Acq: 07 Feb 2023 15:12



Tgt Ion:119 Resp: 293334
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.400 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 159518

Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.6

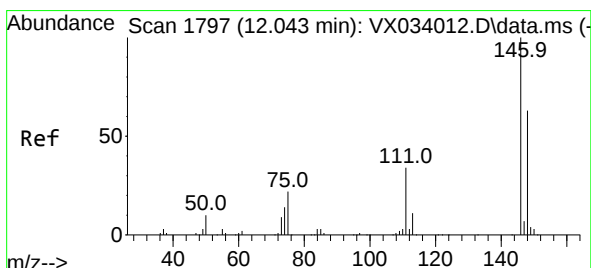
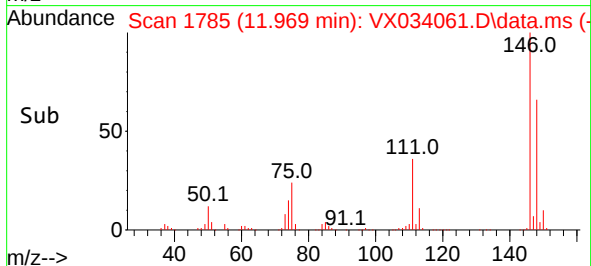
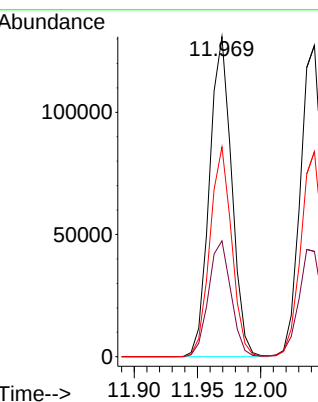
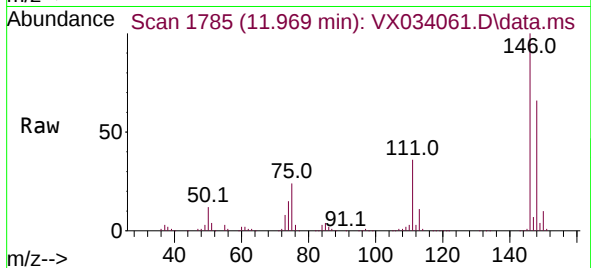
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#88

1,4-Dichlorobenzene

Concen: 47.608 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

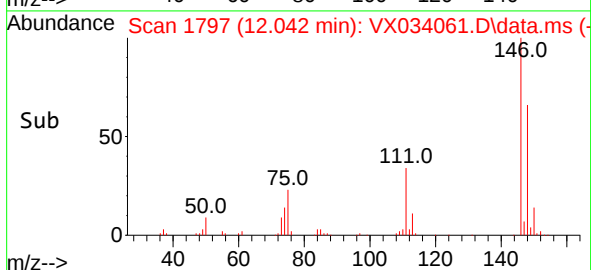
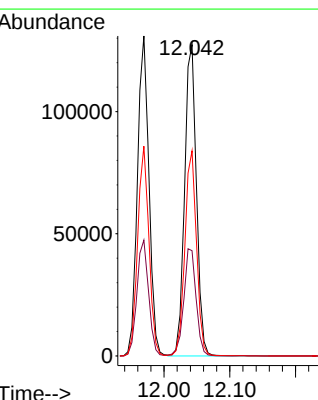
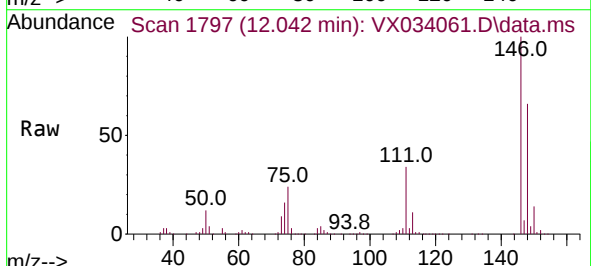
Tgt Ion:146 Resp: 159304

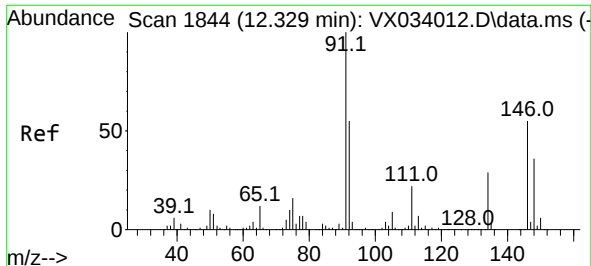
Ion Ratio Lower Upper

146 100

111 35.9 17.8 53.4

148 65.1 32.1 96.3





#89

n-Butylbenzene

Concen: 51.071 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX034061.D

Acq: 07 Feb 2023 15:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 234049

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.5

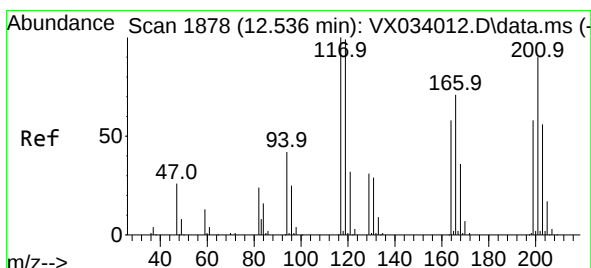
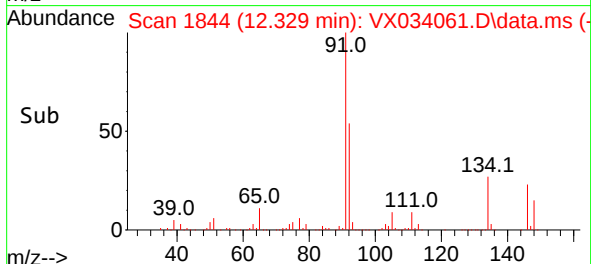
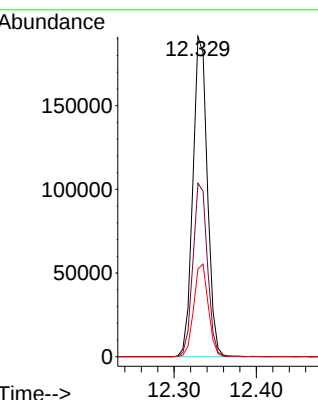
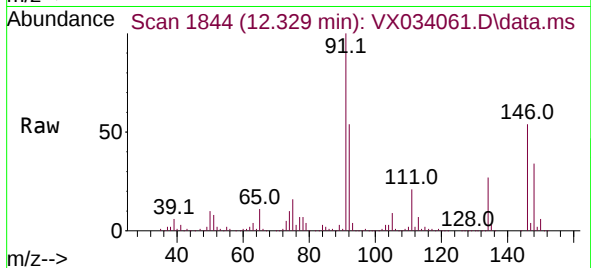
134 29.0 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#90

Hexachloroethane

Concen: 49.646 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034061.D

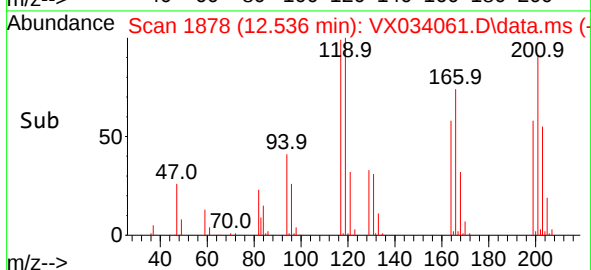
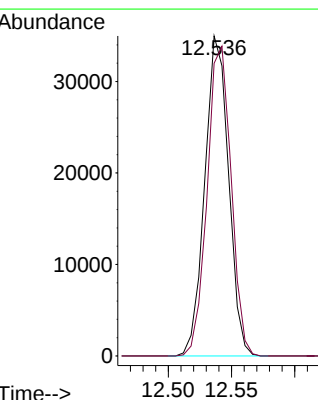
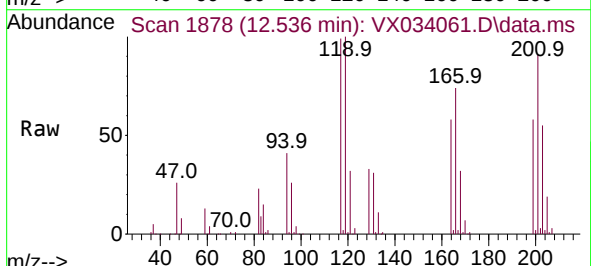
Acq: 07 Feb 2023 15:12

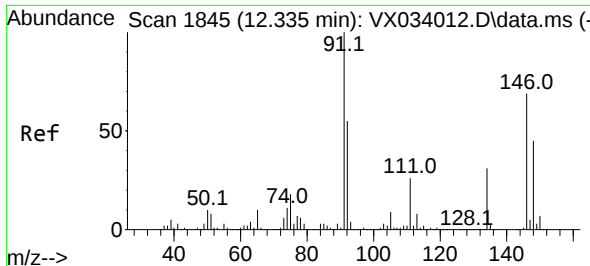
Tgt Ion:117 Resp: 45685

Ion Ratio Lower Upper

117 100

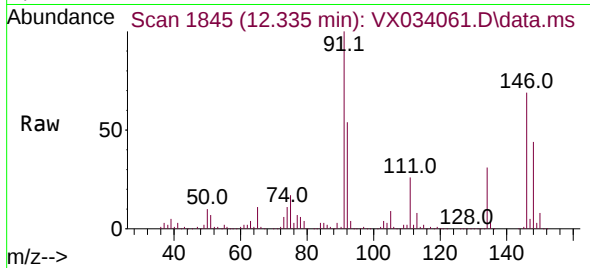
201 97.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 48.435 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

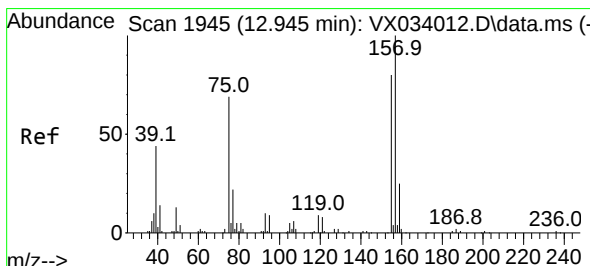
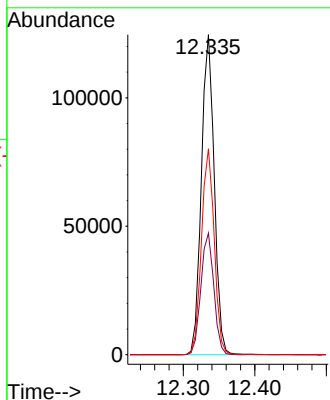
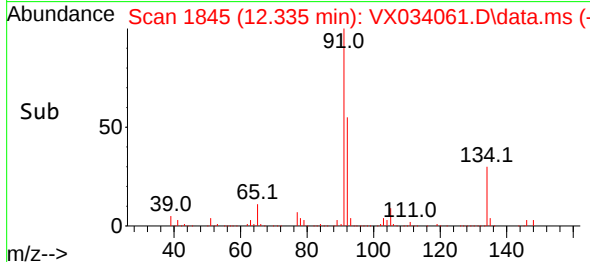
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 15568
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.8
148 63.9 32.3 96.9

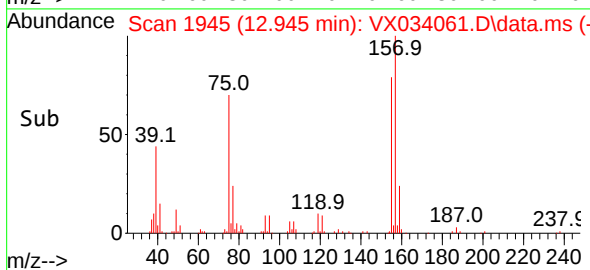
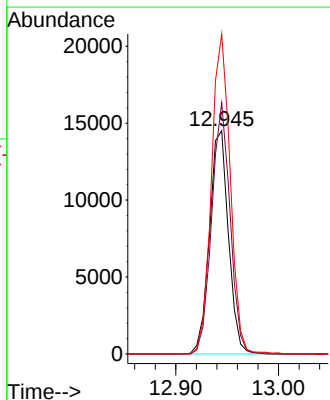
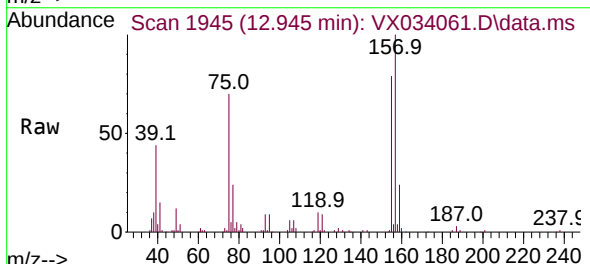
Manual Integrations
APPROVED

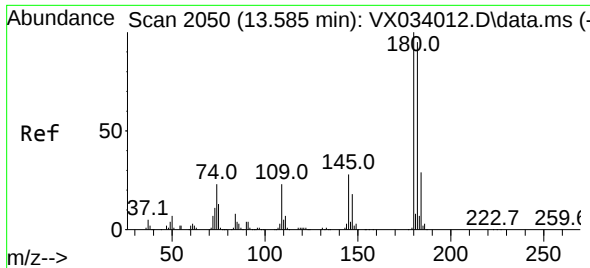
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.510 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

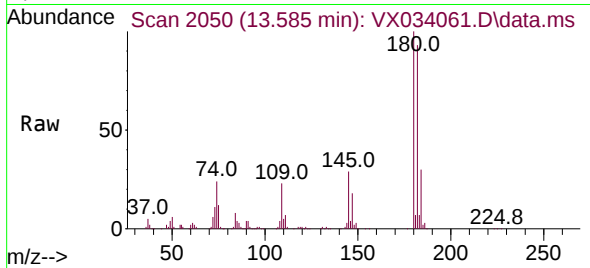
Tgt Ion: 75 Resp: 18591
Ion Ratio Lower Upper
75 100
155 108.5 51.7 155.1
157 141.5 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 50.509 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

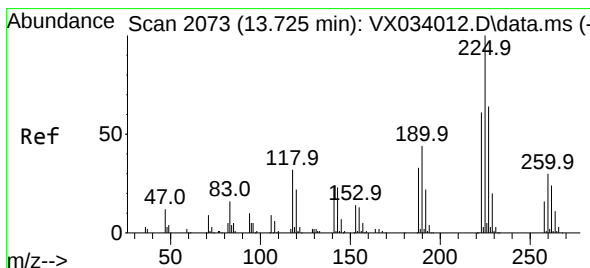
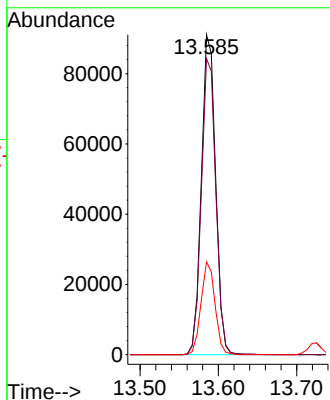
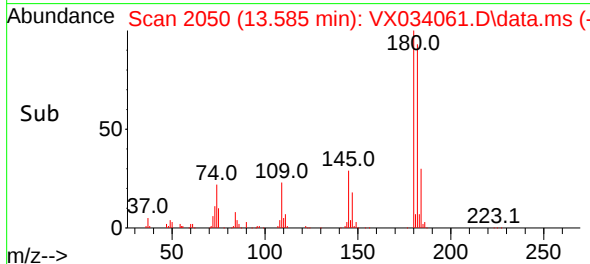
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



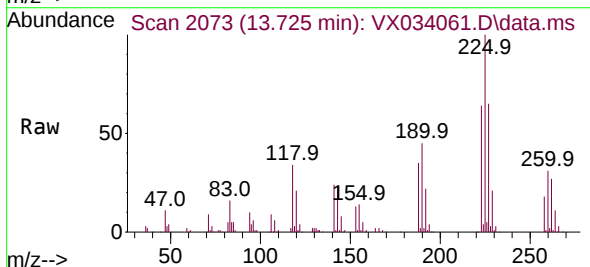
Tgt Ion:180 Resp: 11471
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.6
145 28.5 14.1 42.2

Manual Integrations
APPROVED

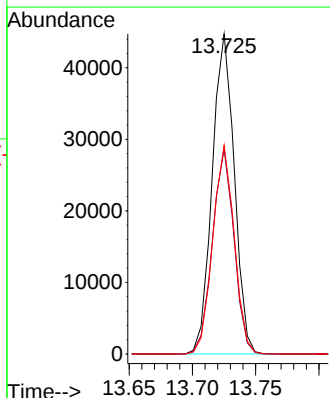
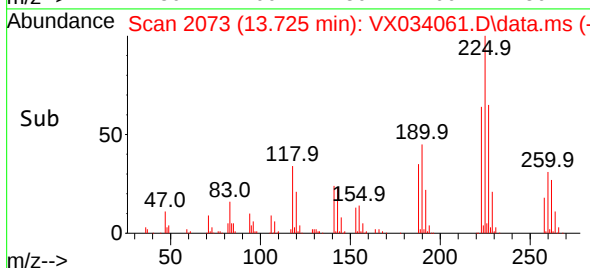
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

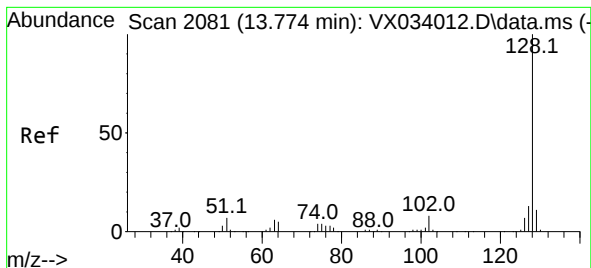


#94
Hexachlorobutadiene
Concen: 48.187 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



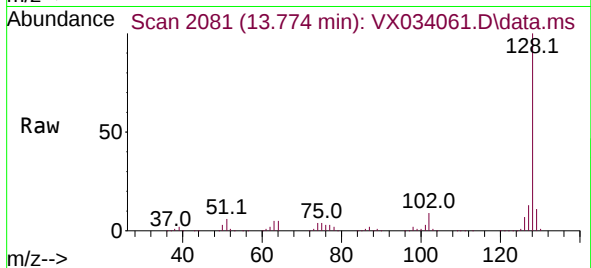
Tgt Ion:225 Resp: 54170
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.9
227 63.4 32.3 96.9





#95
Naphthalene
Concen: 48.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12

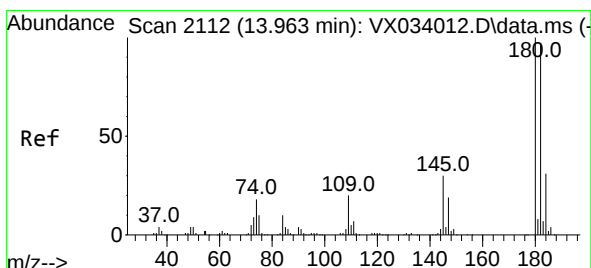
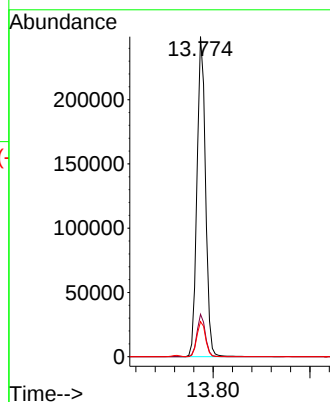
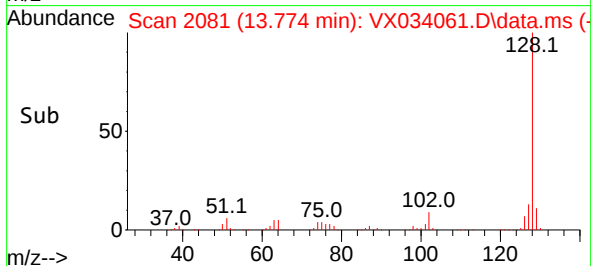
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



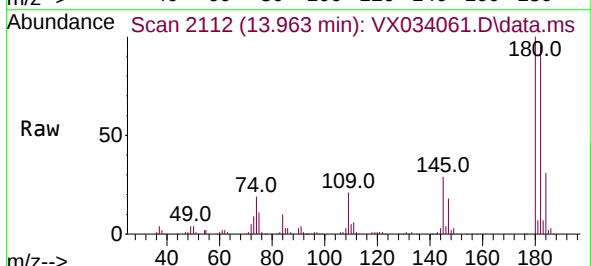
Tgt Ion:128 Resp: 304118
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.535 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX034061.D
Acq: 07 Feb 2023 15:12



Tgt Ion:180 Resp: 110725
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.9
145 29.9 15.1 45.3

