

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034359.D
 Acq On : 07 Mar 2023 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 08 00:59:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	304842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	500792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	463756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	209091	50.929	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.860%			
35) Dibromofluoromethane	5.379	113	168384	51.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.280%			
50) Toluene-d8	8.647	98	599631	51.221	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.440%			
62) 4-Bromofluorobenzene	11.079	95	252899	56.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	127530	48.414	ug/l	100
3) Chloromethane	1.301	50	179251	47.287	ug/l	96
4) Vinyl Chloride	1.374	62	174546	50.560	ug/l	96
5) Bromomethane	1.599	94	94737	75.790	ug/l	99
6) Chloroethane	1.685	64	102703	59.176	ug/l	99
7) Trichlorofluoromethane	1.886	101	266872	57.140	ug/l	94
8) Diethyl Ether	2.130	74	101517	53.952	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	159758	48.571	ug/l	95
10) Methyl Iodide	2.453	142	198838	49.650	ug/l	95
11) Tert butyl alcohol	2.953	59	198662	216.349	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	151651	45.994	ug/l	97
13) Acrolein	2.233	56	124299	296.541	ug/l	99
14) Allyl chloride	2.660	41	313872	44.876	ug/l	91
15) Acrylonitrile	3.063	53	481714	240.474	ug/l	99
16) Acetone	2.374	43	529575	250.057	ug/l	95
17) Carbon Disulfide	2.514	76	411279	43.385	ug/l	99
18) Methyl Acetate	2.703	43	318428	48.592	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	586002	50.356	ug/l	99
20) Methylene Chloride	2.788	84	181816	47.647	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	168152	48.669	ug/l	98
22) Diisopropyl ether	3.758	45	647527	52.809	ug/l	94
23) Vinyl Acetate	3.721	43	2517254	256.236	ug/l	100
24) 1,1-Dichloroethane	3.611	63	331401	49.232	ug/l	99
25) 2-Butanone	4.550	43	743139	242.515	ug/l	99
26) 2,2-Dichloropropane	4.471	77	288754	47.353	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	205558	50.242	ug/l	94
28) Bromochloromethane	4.891	49	151883	50.579	ug/l	87
29) Tetrahydrofuran	5.001	42	447554	239.416	ug/l	99
30) Chloroform	5.087	83	336627	52.079	ug/l	98
31) Cyclohexane	5.471	56	298161	48.643	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	290985	50.219	ug/l	99
36) 1,1-Dichloropropene	5.690	75	245934	51.001	ug/l	98
37) Ethyl Acetate	4.709	43	271724	50.420	ug/l	99
38) Carbon Tetrachloride	5.678	117	252315	50.848	ug/l	97
39) Methylcyclohexane	7.379	83	304112	49.006	ug/l	100
40) Benzene	6.032	78	728782	50.998	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	153540	51.135	ug/l	99
42) 1,2-Dichloroethane	6.086	62	280709	55.851	ug/l	97
43) Isopropyl Acetate	6.336	43	484851	50.982	ug/l	99
44) Trichloroethene	7.123	130	188005	51.267	ug/l	94
45) 1,2-Dichloropropane	7.428	63	196758	51.721	ug/l	98
46) Dibromomethane	7.580	93	133248	53.222	ug/l #	86
47) Bromodichloromethane	7.818	83	268711	52.299	ug/l	98
48) Methyl methacrylate	7.690	41	231323	51.247	ug/l	96
49) 1,4-Dioxane	7.653	88	89264	991.449	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	1406731	268.855	ug/l	99
52) Toluene	8.714	92	464791	53.678	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	315834	53.403	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	326355	51.545	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	193982	55.501	ug/l	98
56) Ethyl methacrylate	9.116	69	323134	54.652	ug/l	96
57) 1,3-Dichloropropane	9.305	76	335508	55.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	667640	260.668	ug/l	95
59) 2-Hexanone	9.427	43	1102831	276.567	ug/l	97
60) Dibromochloromethane	9.519	129	211511	54.769	ug/l	100
61) 1,2-Dibromoethane	9.610	107	205907	55.705	ug/l	99
64) Tetrachloroethene	9.269	164	160866	49.148	ug/l	93
65) Chlorobenzene	10.080	112	498920	51.611	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	193961	51.829	ug/l	98
67) Ethyl Benzene	10.195	91	902797	51.983	ug/l	99
68) m/p-Xylenes	10.299	106	685691	103.170	ug/l	93
69) o-Xylene	10.640	106	344004	51.991	ug/l	94
70) Styrene	10.653	104	574183	53.357	ug/l	95
71) Bromoform	10.799	173	156595	51.264	ug/l	99
73) Isopropylbenzene	10.964	105	897822	50.071	ug/l	99
74) N-amyl acetate	10.842	43	442338	49.103	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	299132	48.775	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	252832m	42.707	ug/l	
77) Bromobenzene	11.195	156	216851	50.254	ug/l	83
78) n-propylbenzene	11.305	91	1059776	50.819	ug/l	98
79) 2-Chlorotoluene	11.366	91	640039	50.053	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	754042	50.018	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	103528	44.923	ug/l	96
82) 4-Chlorotoluene	11.451	91	737398	50.630	ug/l	95
83) tert-Butylbenzene	11.713	119	753300	48.789	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	766973	50.317	ug/l	96
85) sec-Butylbenzene	11.890	105	943543	50.322	ug/l	97
86) p-Isopropyltoluene	12.006	119	780954	50.328	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	409605	50.615	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	409115	50.121	ug/l	97
89) n-Butylbenzene	12.335	91	704743	50.992	ug/l	98
90) Hexachloroethane	12.536	117	152880	47.121	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	397943	50.259	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	68259	46.674	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	249297	49.042	ug/l	97
94) Hexachlorobutadiene	13.725	225	102262	48.527	ug/l	99
95) Naphthalene	13.774	128	848109	49.526	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	251264	49.788	ug/l	98

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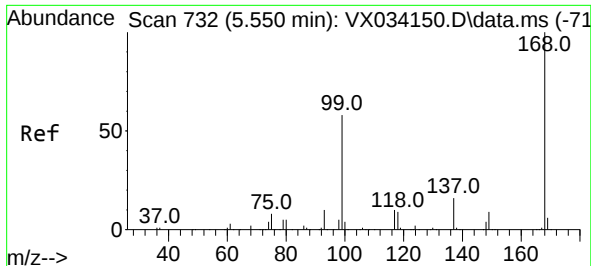
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

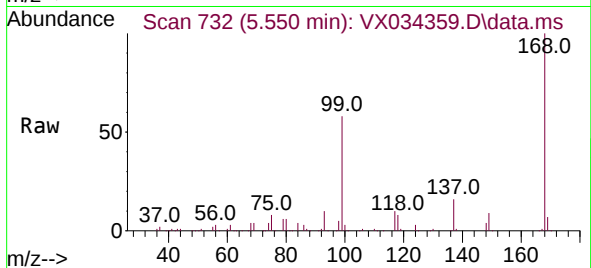
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034359.D
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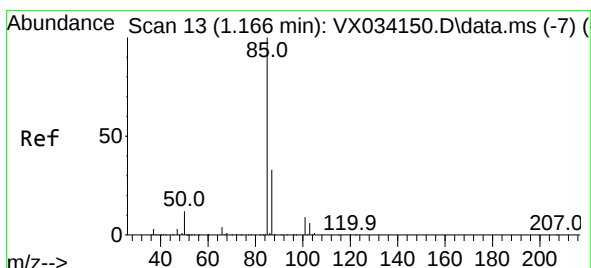
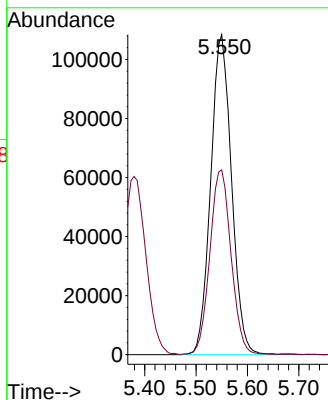
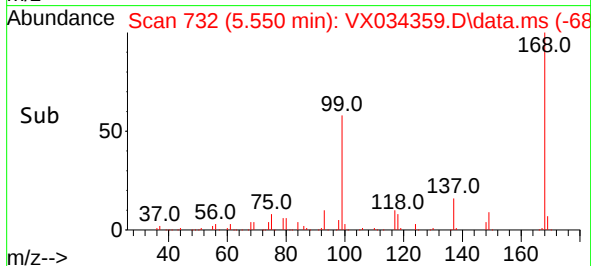
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



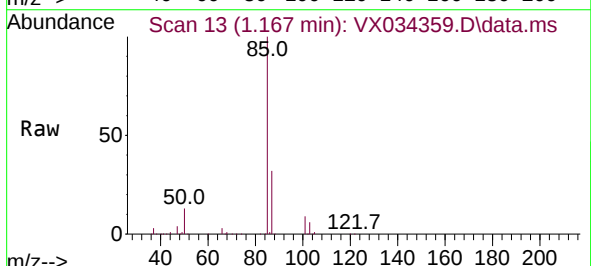
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Ion Ratio Lower Upper
168 100
99 57.6 39.6 59.4

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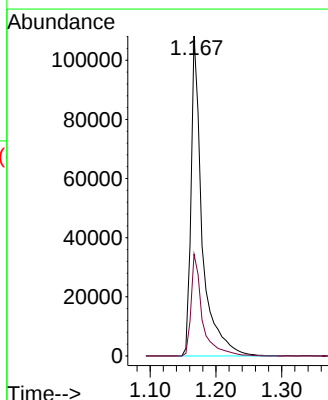
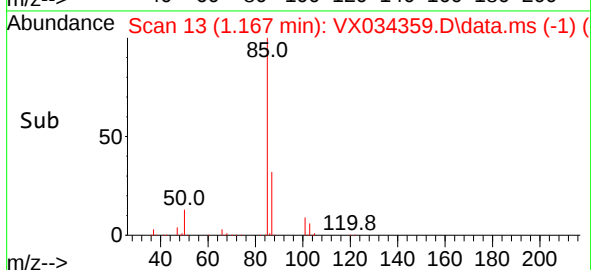
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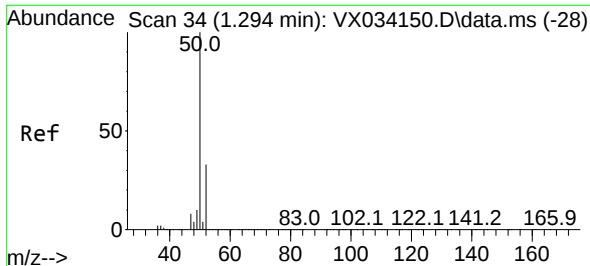


#2
Dichlorodifluoromethane
Concen: 48.414 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



Tgt Ion: 85 Resp: 127530
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





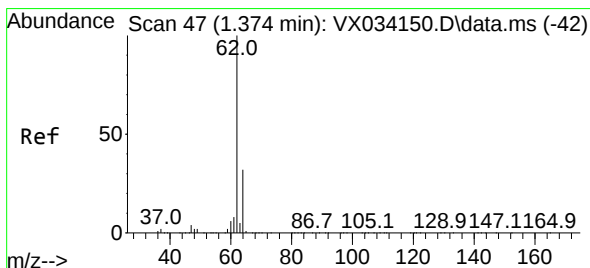
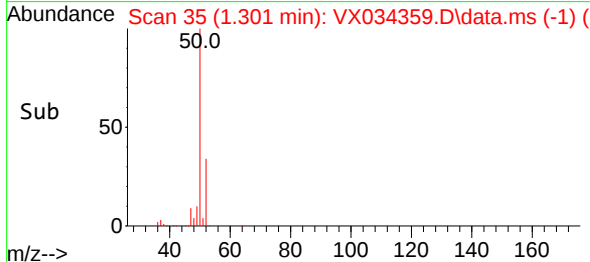
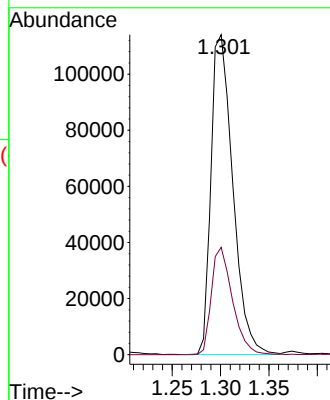
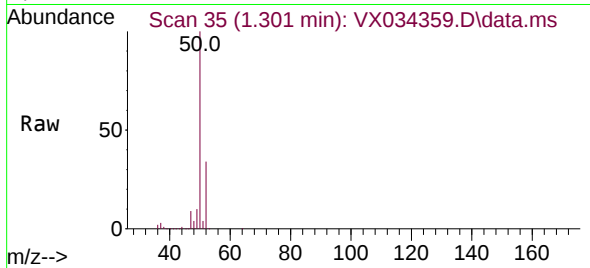
#3
Chloromethane
Concen: 47.287 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 17925
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8

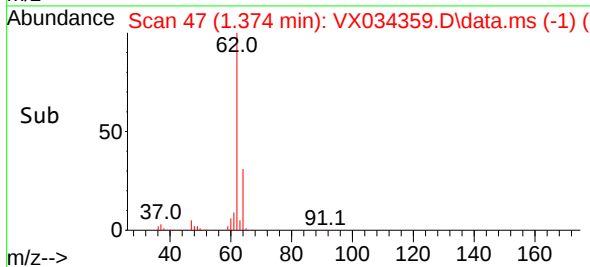
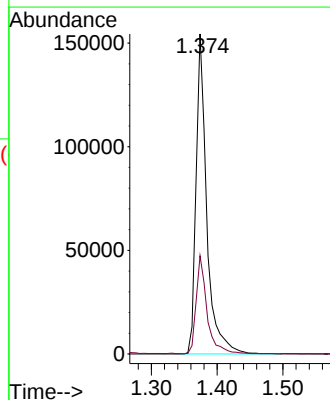
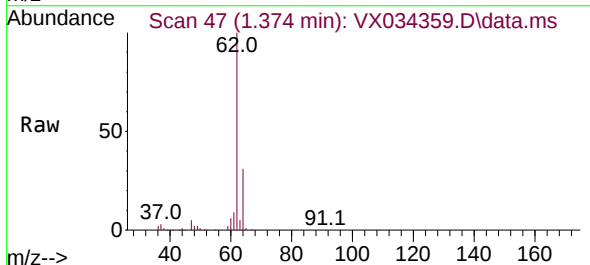
Manual Integrations
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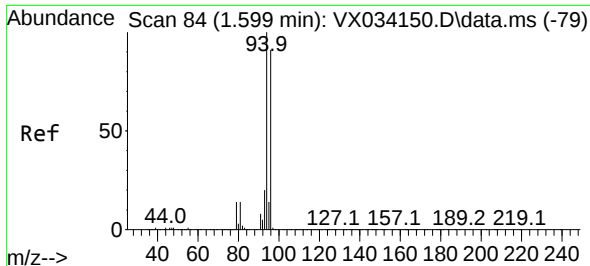
Reviewed By :John Carlone 03/08/2023
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#4
Vinyl Chloride
Concen: 50.560 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

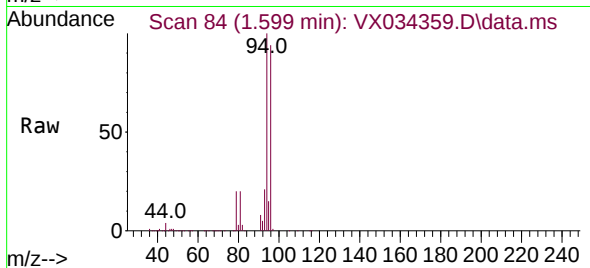
Tgt Ion: 62 Resp: 174546
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.4





#5
Bromomethane
Concen: 75.790 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

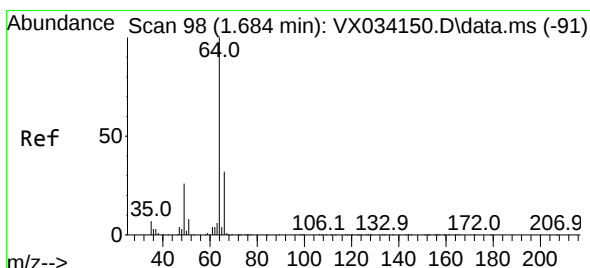
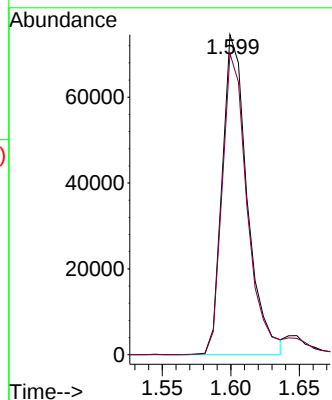
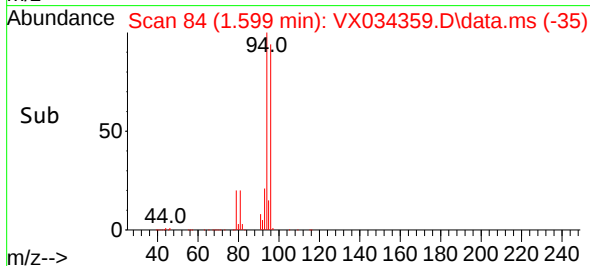
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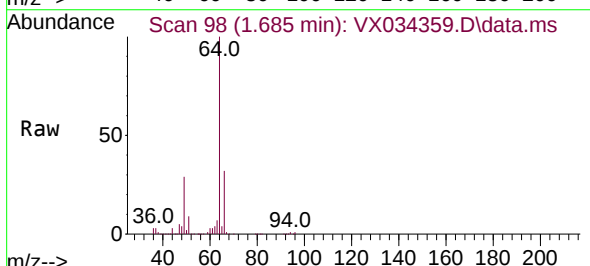
Tgt Ion: 94 Resp: 9473
Ion Ratio Lower Upper
94 100
96 94.1 74.3 111.5

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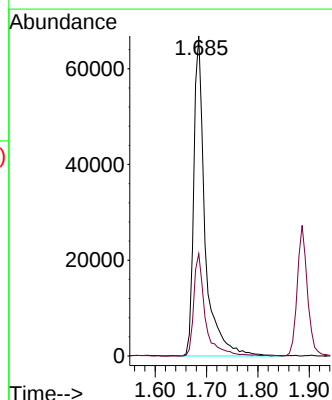
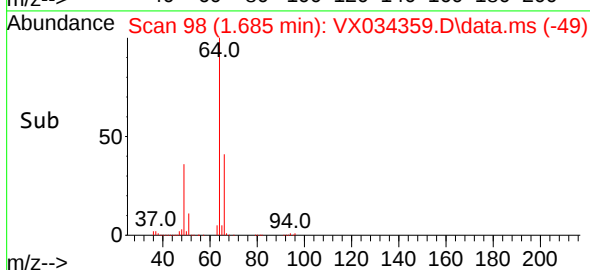
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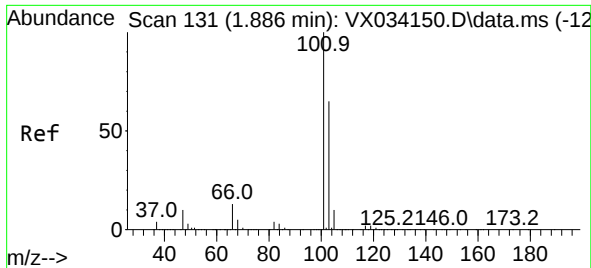


#6
Chloroethane
Concen: 59.176 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034359.D
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Tgt Ion: 64 Resp: 102703
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





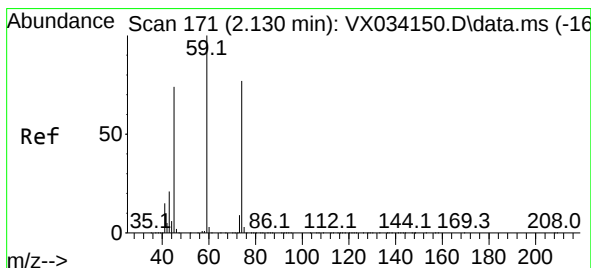
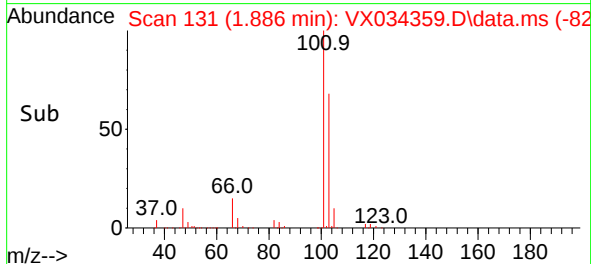
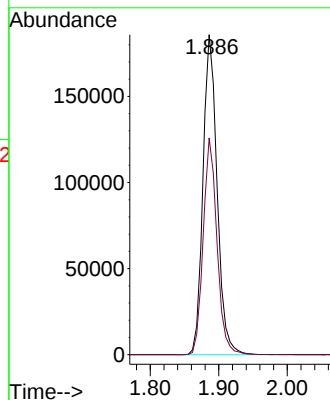
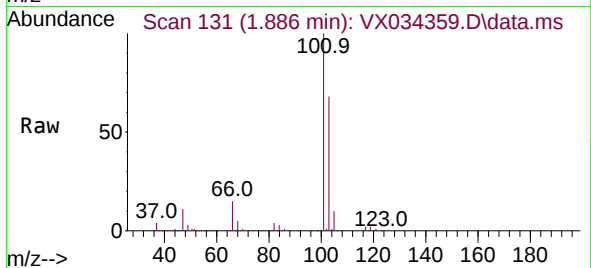
#7
 Trichlorofluoromethane
 Concen: 57.140 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 266872
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.6 75.8

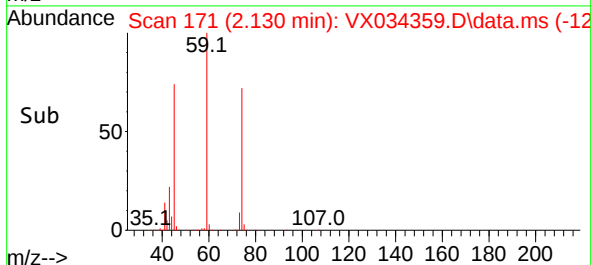
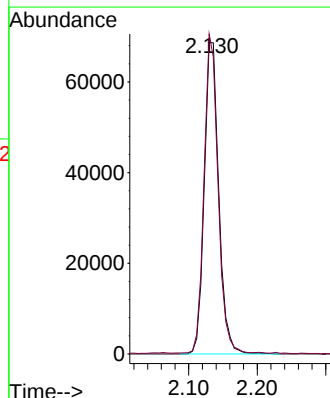
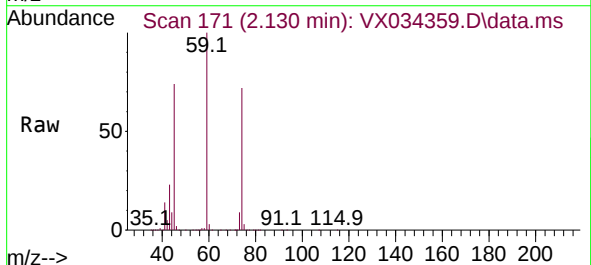
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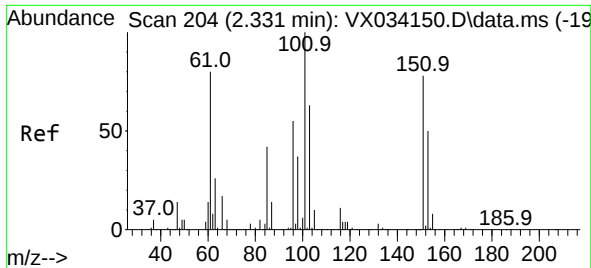
Reviewed By :John Carlone 03/08/2023
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#8
 Diethyl Ether
 Concen: 53.952 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44

Tgt Ion: 74 Resp: 101517
 Ion Ratio Lower Upper
 74 100
 45 99.1 51.5 154.5





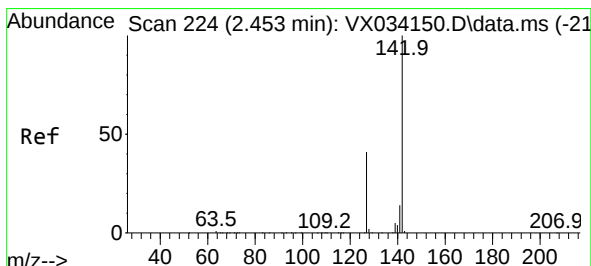
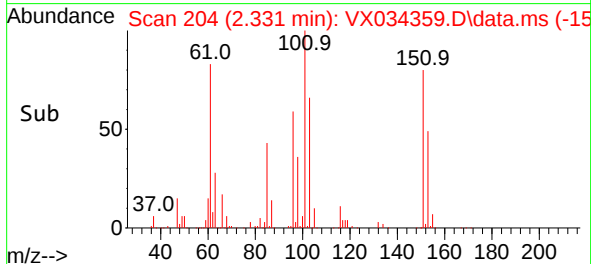
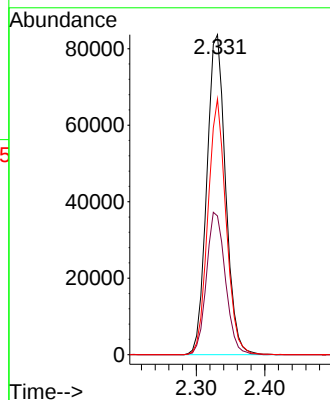
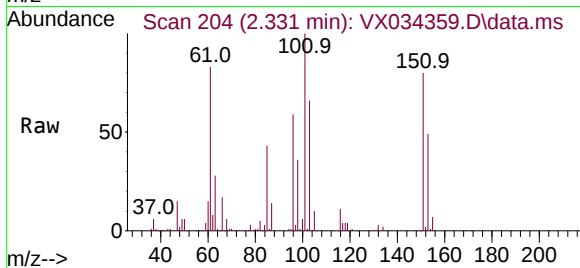
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.571 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 159758
Ion Ratio Lower Upper
101 100
85 44.9 36.7 55.1
151 77.1 66.5 99.7

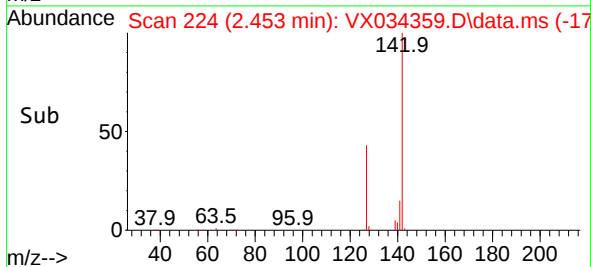
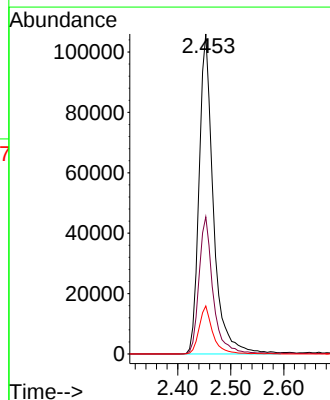
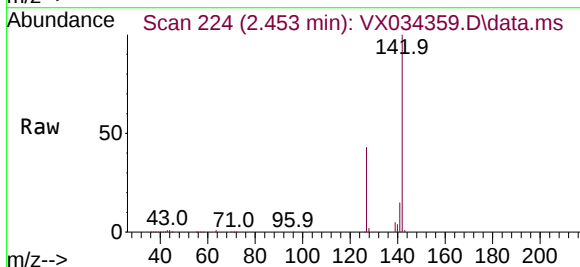
Manual Integrations
APPROVED

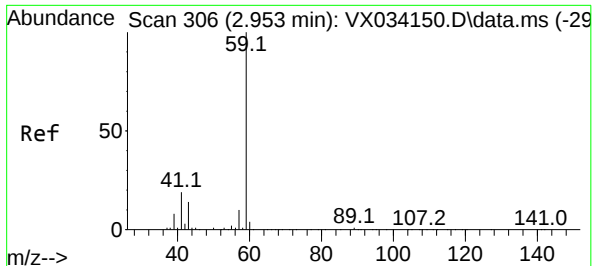
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#10
Methyl Iodide
Concen: 49.650 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

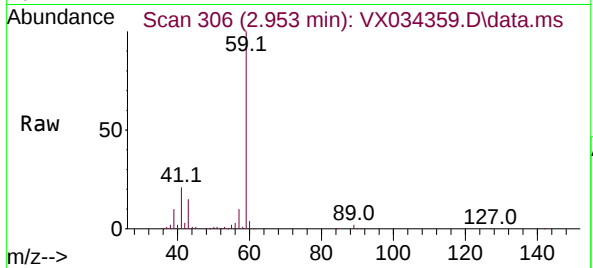
Tgt Ion:142 Resp: 198838
Ion Ratio Lower Upper
142 100
127 42.5 37.3 55.9
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 216.349 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

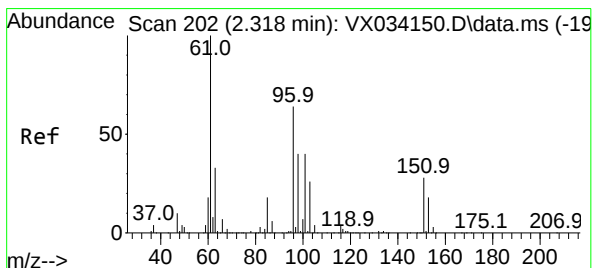
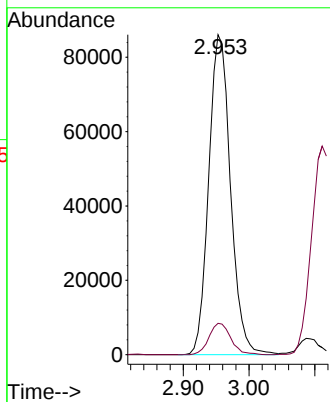
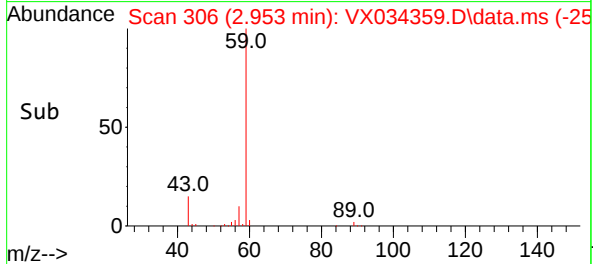
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



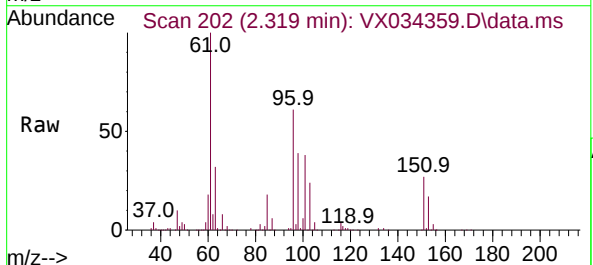
Tgt Ion: 59 Resp: 198662
Ion Ratio Lower Upper
59 100
57 9.8 3.7 5.5

Manual Integrations
APPROVED

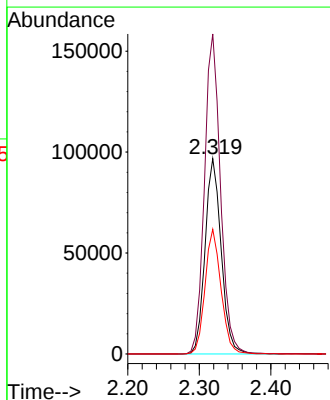
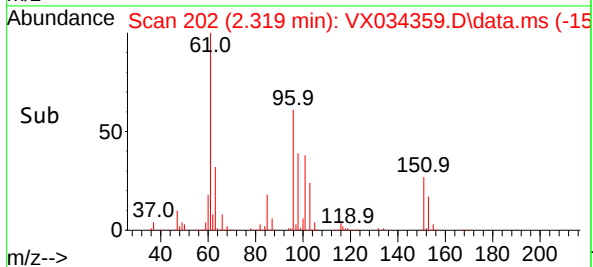
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

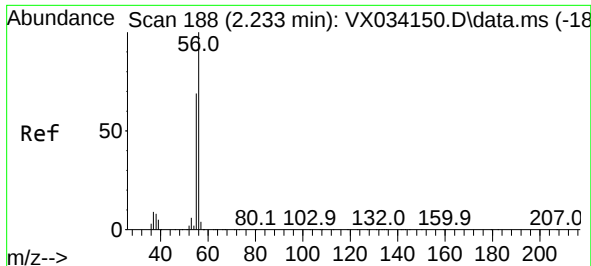


#12
1,1-Dichloroethene
Concen: 45.994 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



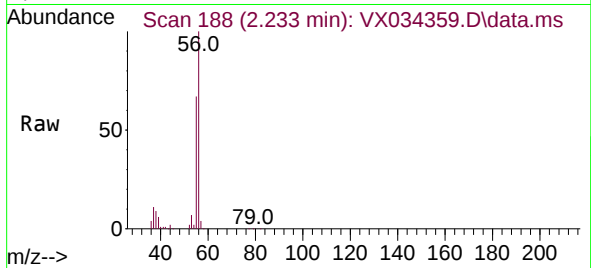
Tgt Ion: 96 Resp: 151651
Ion Ratio Lower Upper
96 100
61 163.8 134.2 201.4
98 63.8 50.2 75.2





#13
Acrolein
Concen: 296.541 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

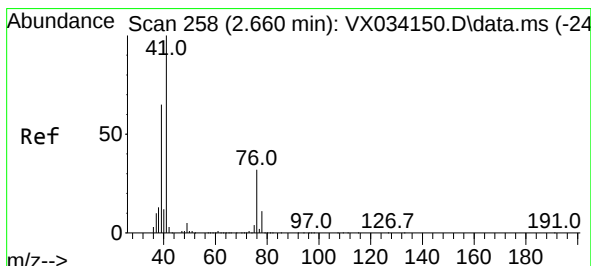
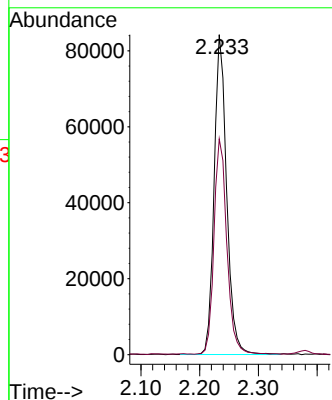
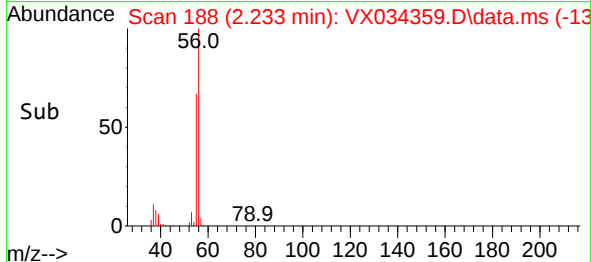
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



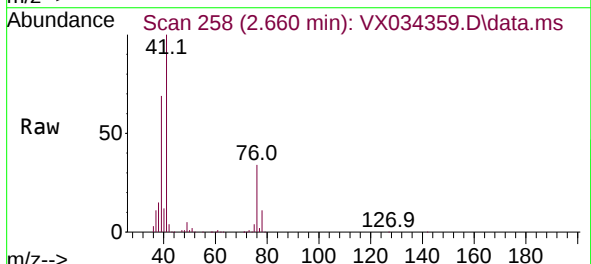
Tgt Ion: 56 Resp: 124299
Ion Ratio Lower Upper
56 100
55 69.6 56.3 84.5

Manual Integrations
APPROVED

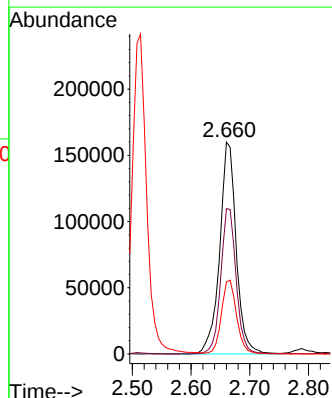
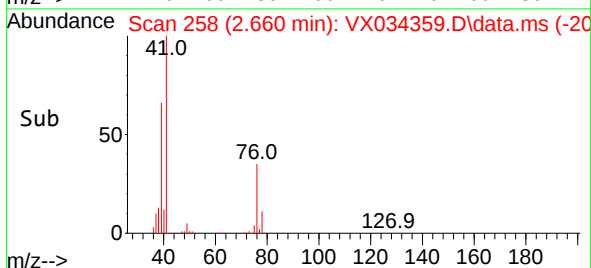
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

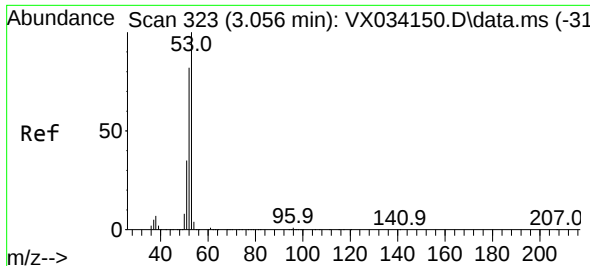


#14
Allyl chloride
Concen: 44.876 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



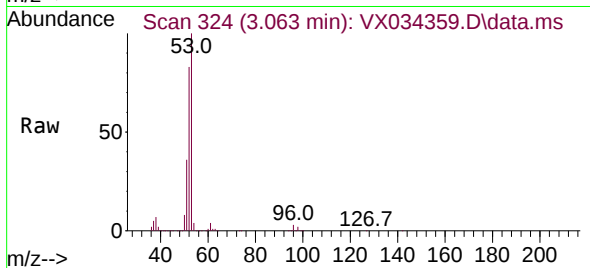
Tgt Ion: 41 Resp: 313872
Ion Ratio Lower Upper
41 100
39 64.0 59.0 88.4
76 32.0 24.6 37.0





#15
Acrylonitrile
Concen: 240.474 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

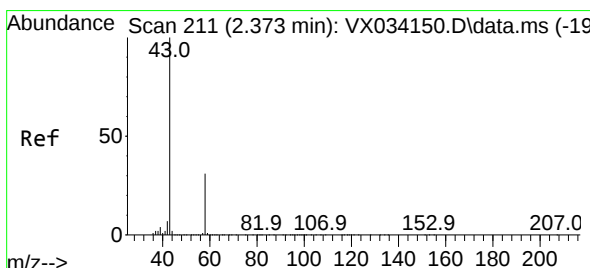
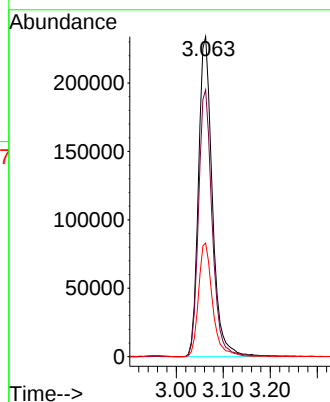
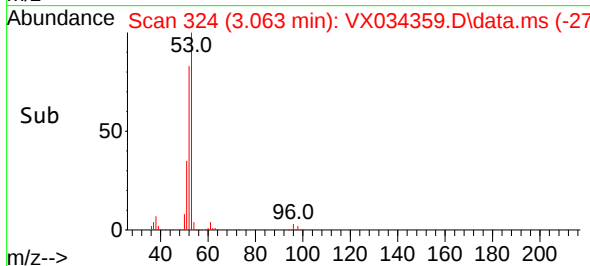
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 481714
Ion Ratio Lower Upper
53 100
52 82.6 65.7 98.5
51 35.9 29.0 43.4

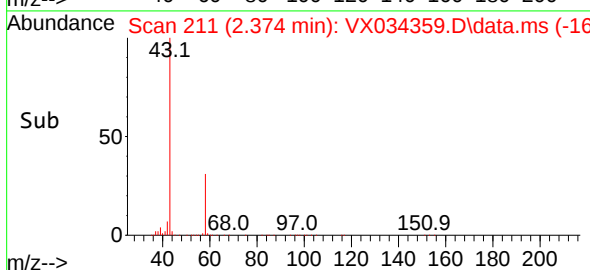
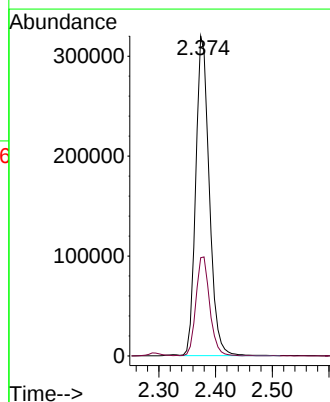
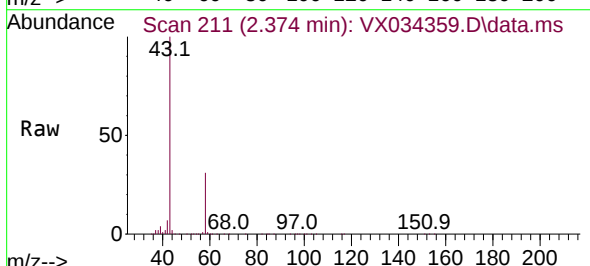
Manual Integrations
APPROVED

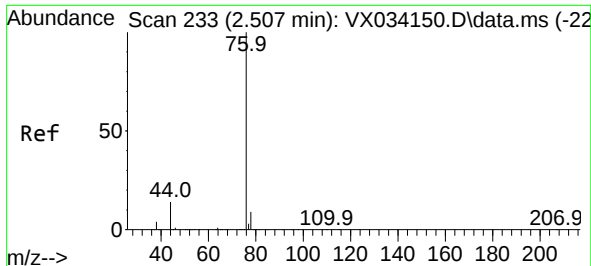
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#16
Acetone
Concen: 250.057 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

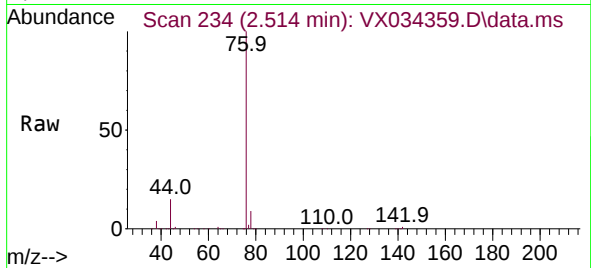
Tgt Ion: 43 Resp: 529575
Ion Ratio Lower Upper
43 100
58 30.7 22.6 33.8





#17
Carbon Disulfide
Concen: 43.385 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

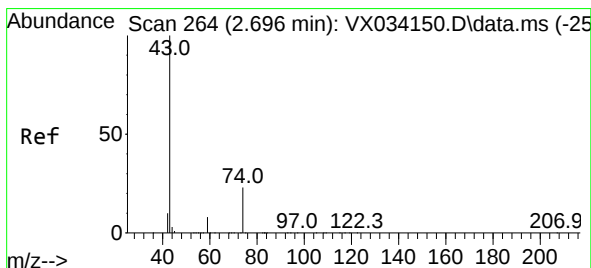
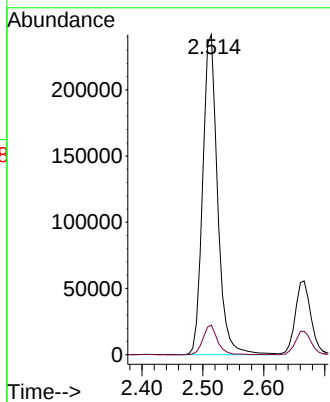
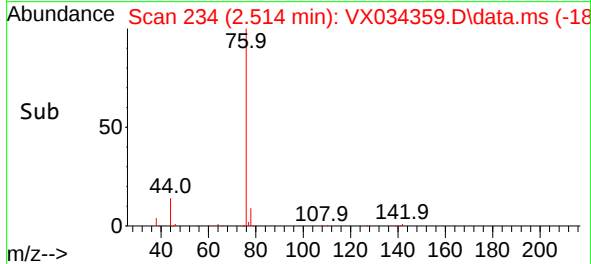
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 411279
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

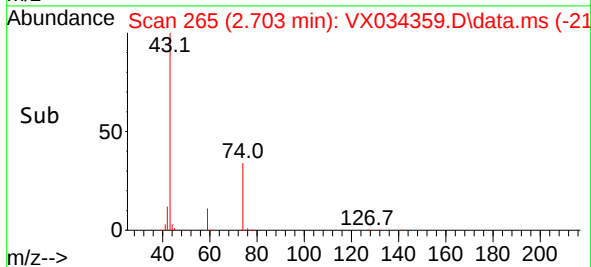
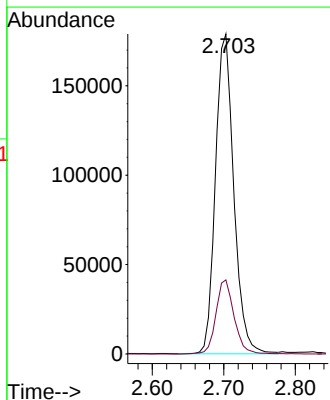
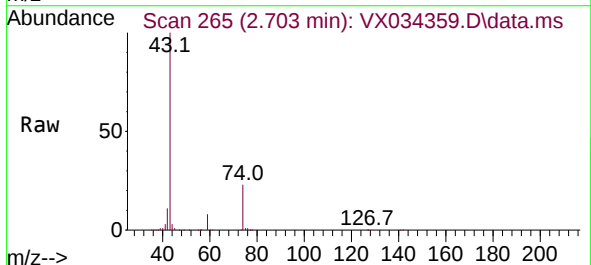
Manual Integrations
APPROVED

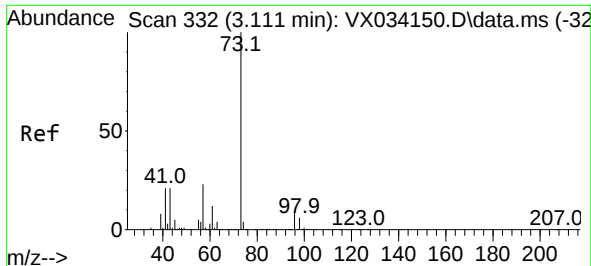
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#18
Methyl Acetate
Concen: 48.592 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

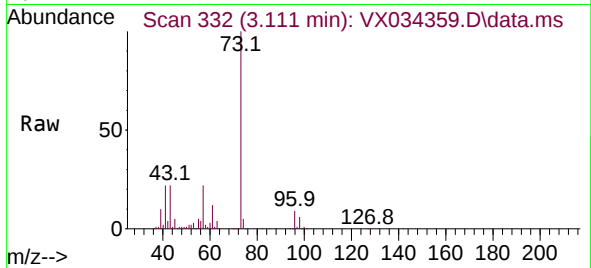
Tgt Ion: 43 Resp: 318428
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 50.356 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

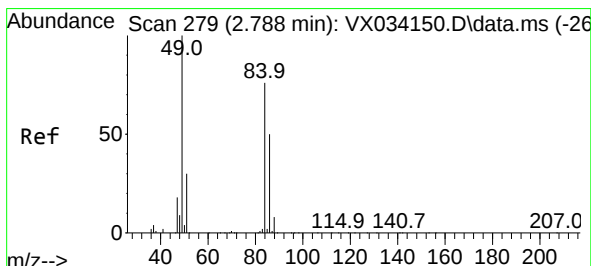
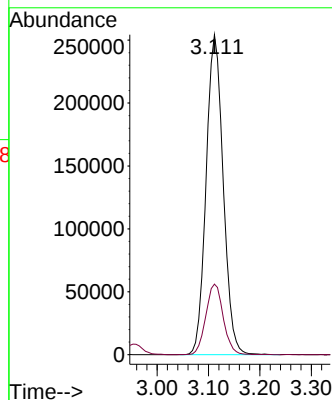
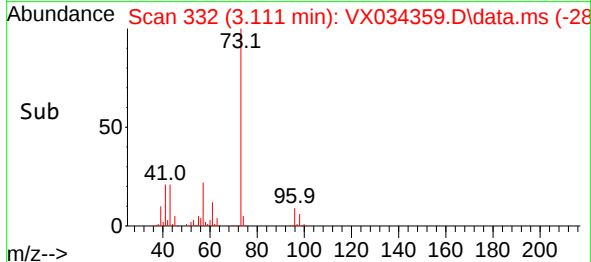
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



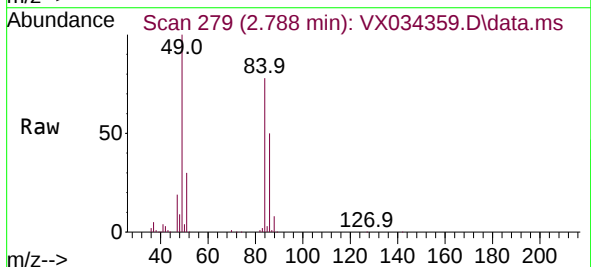
Tgt Ion: 73 Resp: 58600
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0

Manual Integrations
APPROVED

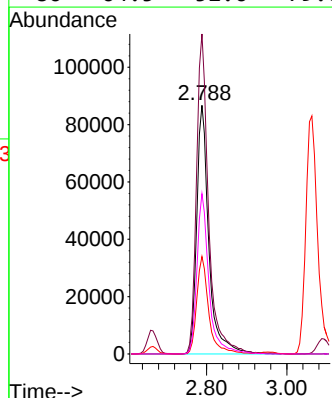
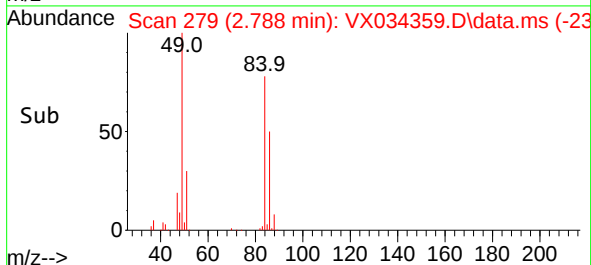
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

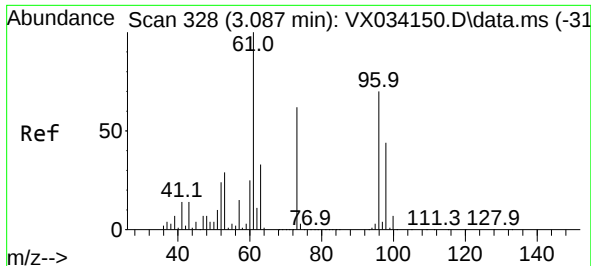


#20
Methylene Chloride
Concen: 47.647 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



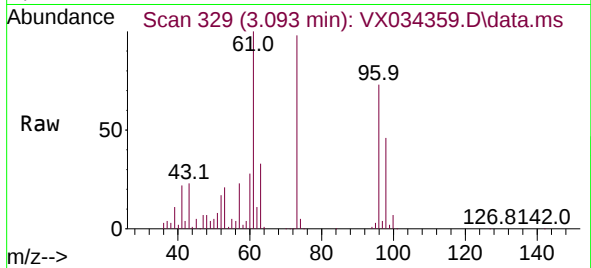
Tgt Ion: 84 Resp: 181816
Ion Ratio Lower Upper
84 100
49 128.7 101.1 151.7
51 39.2 31.0 46.6
86 64.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 48.669 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

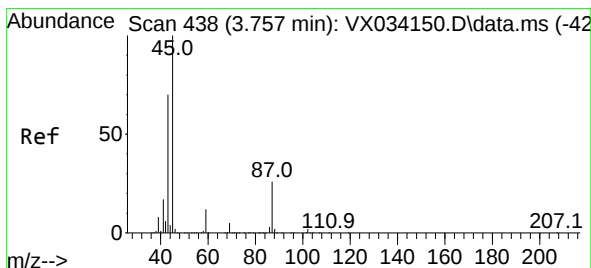
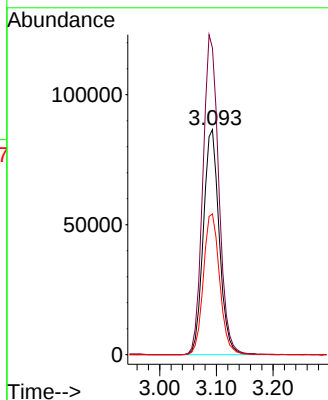
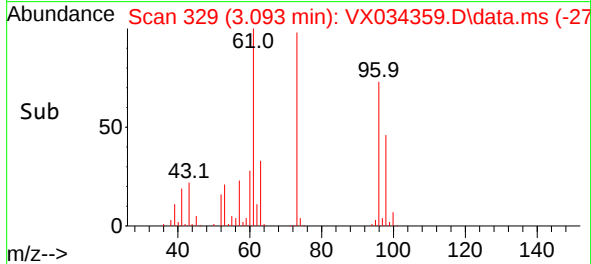
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 168152
Ion Ratio Lower Upper
96 100
61 136.2 106.7 160.1
98 62.5 50.0 75.0

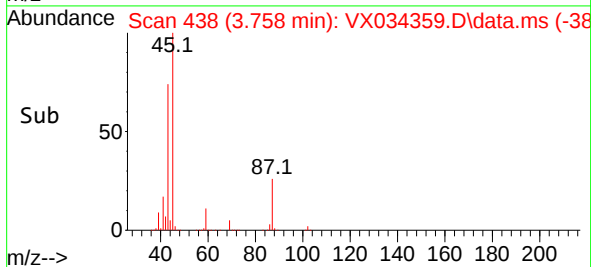
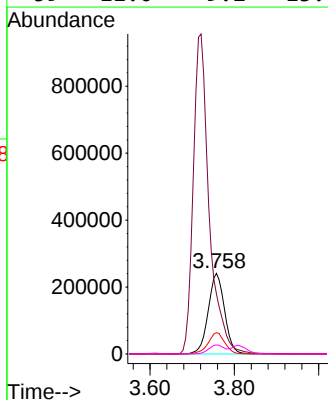
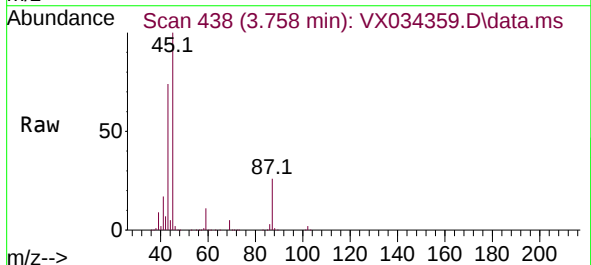
Manual Integrations
APPROVED

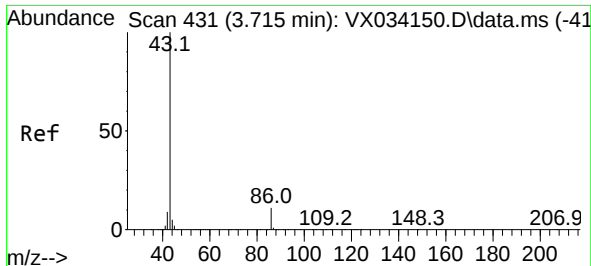
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#22
Diisopropyl ether
Concen: 52.809 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

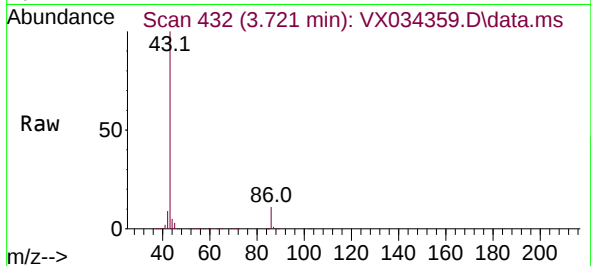
Tgt Ion: 45 Resp: 647527
Ion Ratio Lower Upper
45 100
43 74.1 64.6 97.0
87 26.4 21.9 32.9
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 256.236 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44

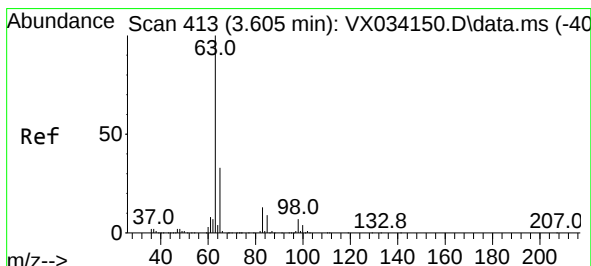
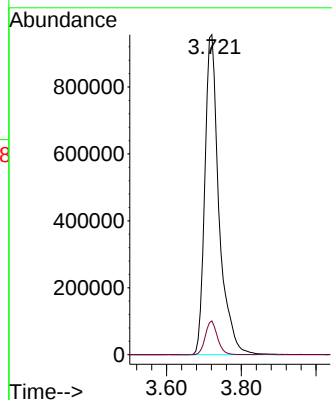
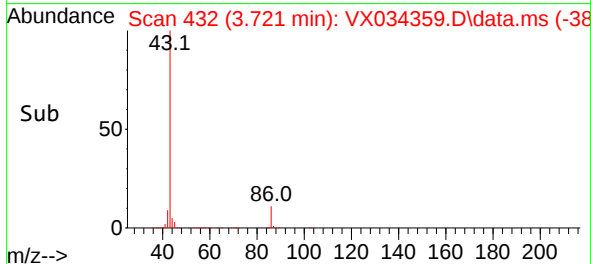
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



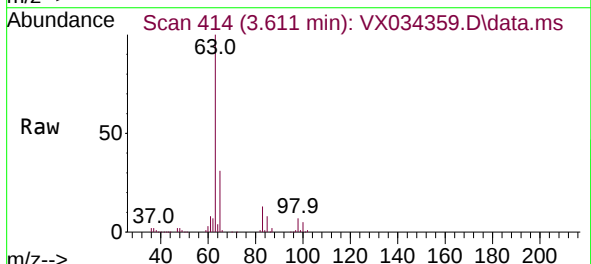
Tgt Ion: 43 Resp: 2517254
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.4 12.6

Manual Integrations
 APPROVED

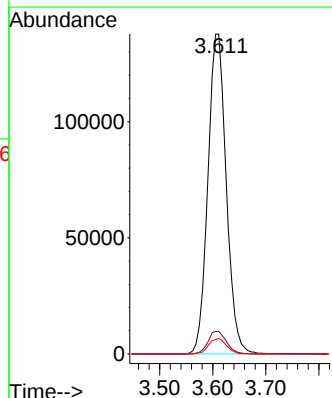
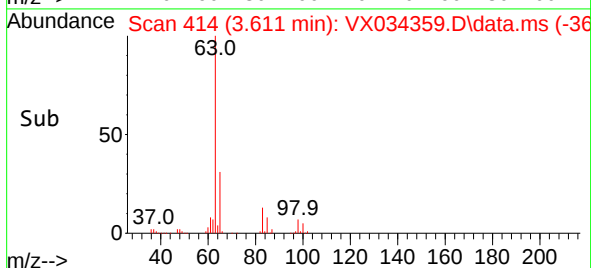
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

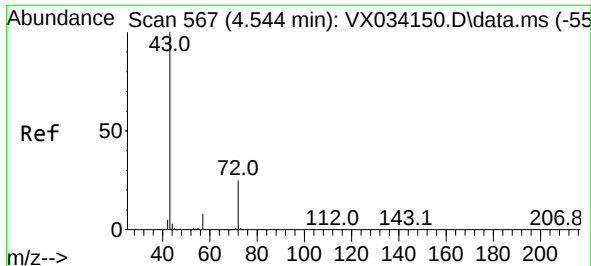


#24
 1,1-Dichloroethane
 Concen: 49.232 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44



Tgt Ion: 63 Resp: 331401
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.2
 100 4.9 2.4 7.2





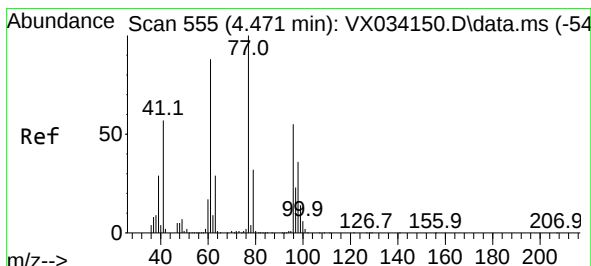
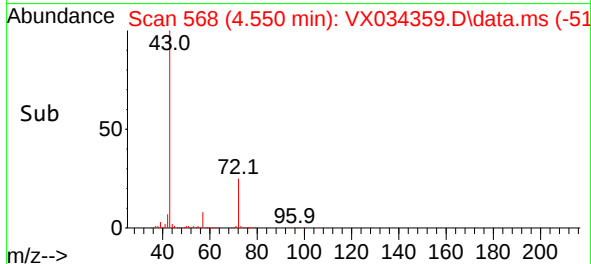
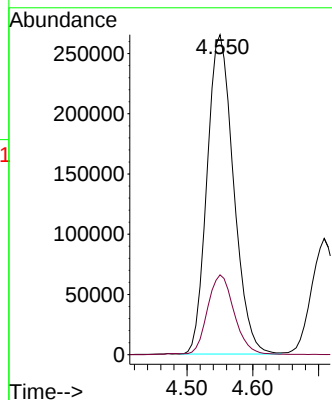
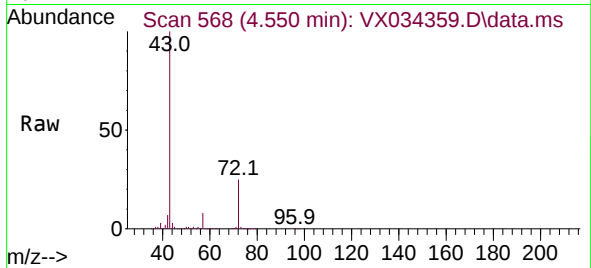
#25
2-Butanone
Concen: 242.515 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 743139
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

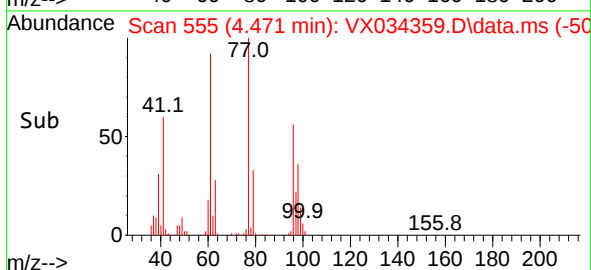
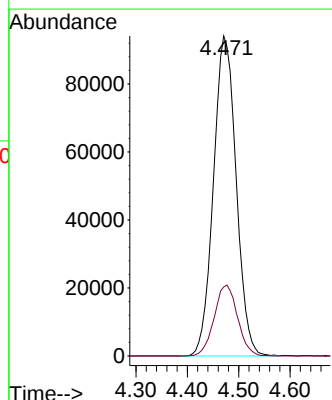
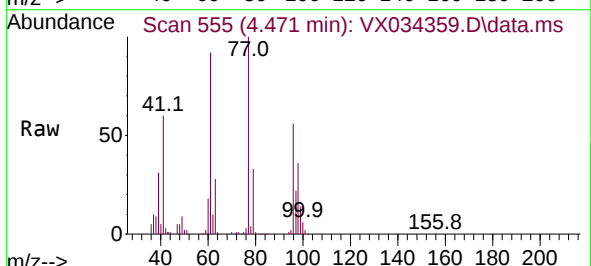
Manual Integrations
APPROVED

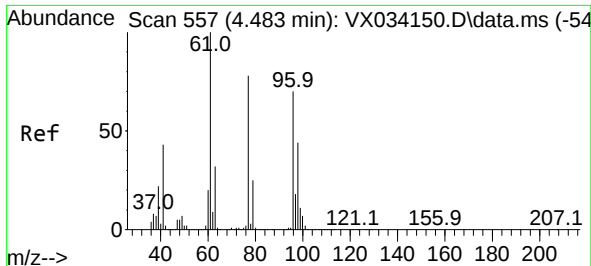
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#26
2,2-Dichloropropane
Concen: 47.353 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion: 77 Resp: 288754
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 50.242 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 205558

Ion Ratio Lower Upper

96 100

61 148.2 0.0 277.6

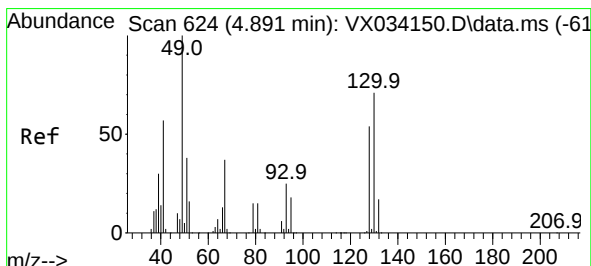
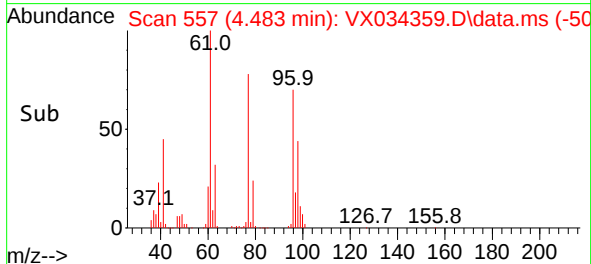
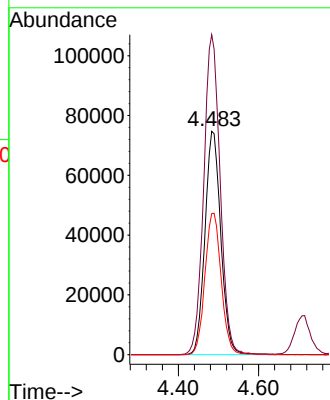
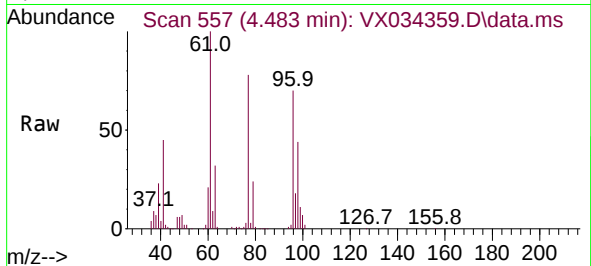
98 64.7 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#28

Bromochloromethane

Concen: 50.579 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

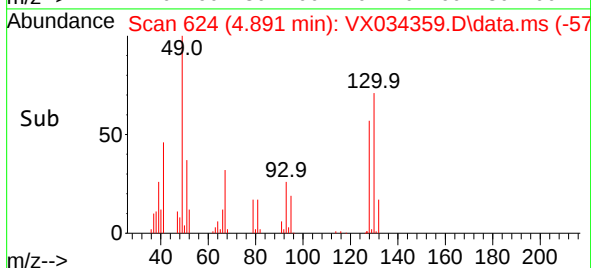
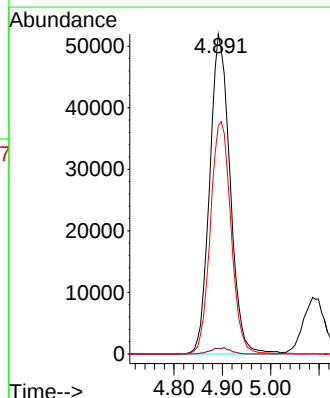
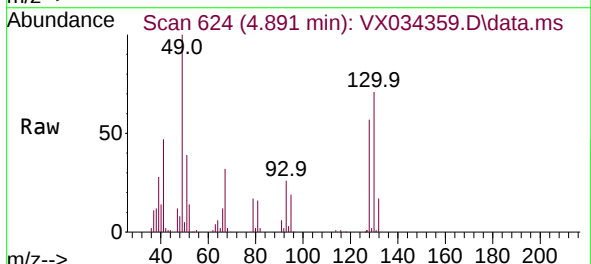
Tgt Ion: 49 Resp: 151883

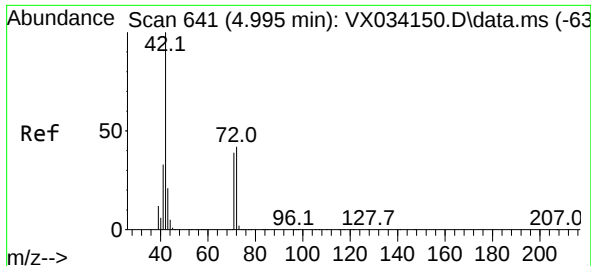
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 73.5 68.5 102.7





#29

Tetrahydrofuran

Concen: 239.416 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034359.D

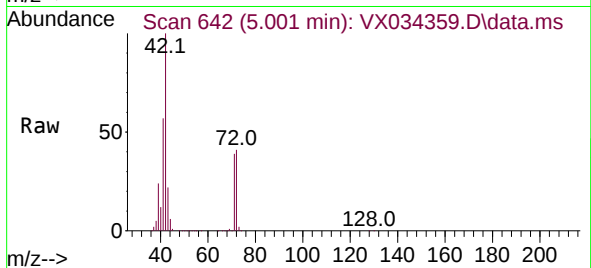
Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 447554

Ion Ratio Lower Upper

42 100

72 42.7 34.8 52.2

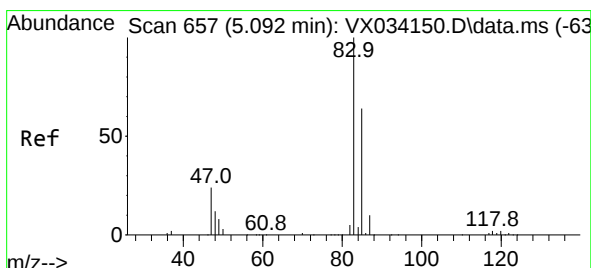
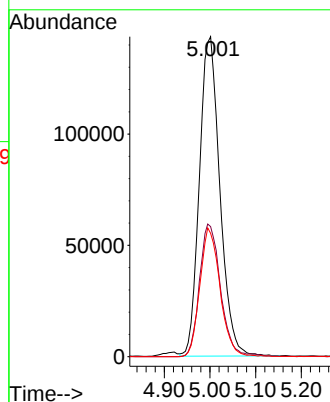
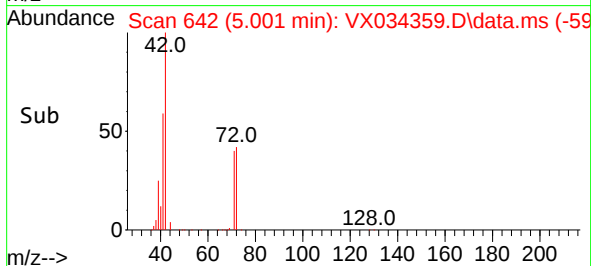
71 39.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#30

Chloroform

Concen: 52.079 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX034359.D

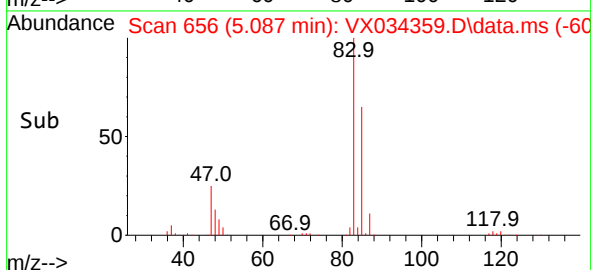
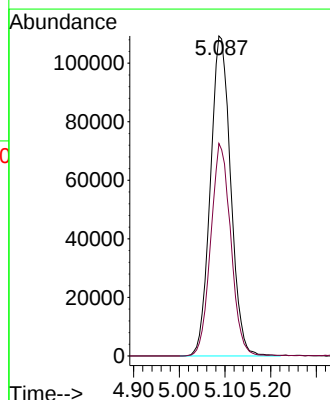
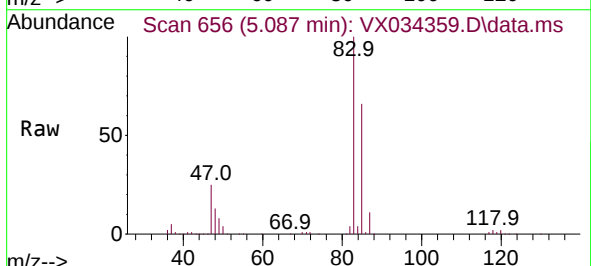
Acq: 07 Mar 2023 09:44

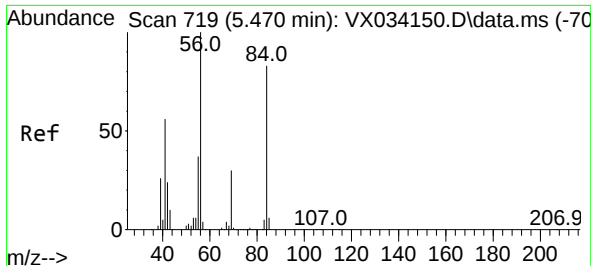
Tgt Ion: 83 Resp: 336627

Ion Ratio Lower Upper

83 100

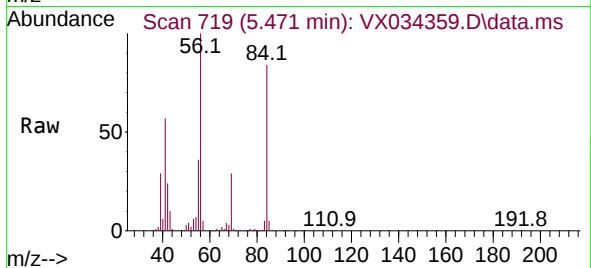
85 66.4 52.1 78.1





#31
Cyclohexane
Concen: 48.643 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

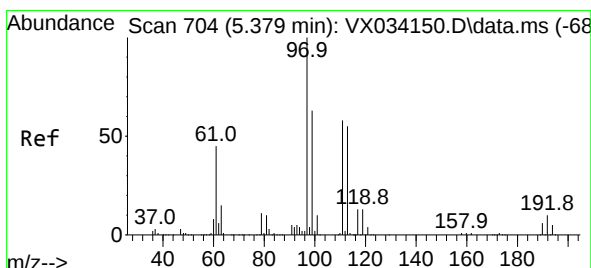
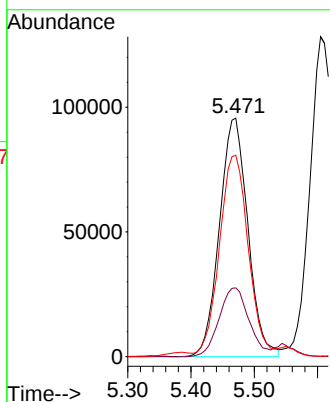
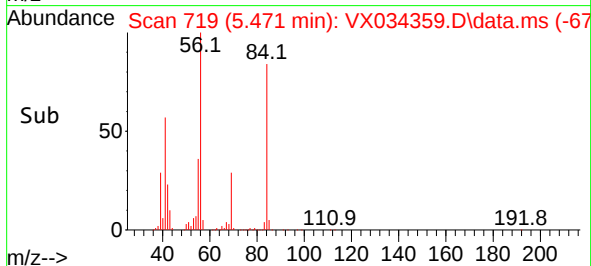
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



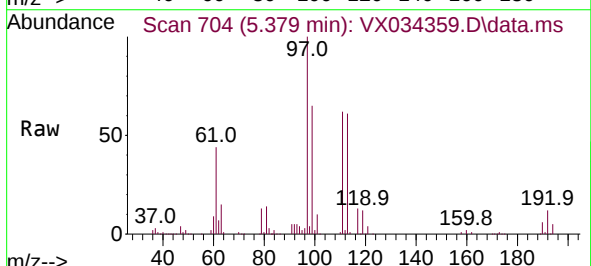
Tgt Ion: 56 Resp: 29816
Ion Ratio Lower Upper
56 100
69 28.8 24.6 37.0
84 82.7 71.0 106.6

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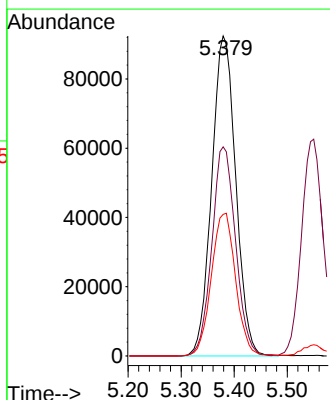
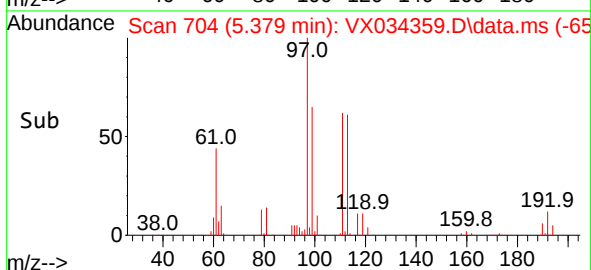
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

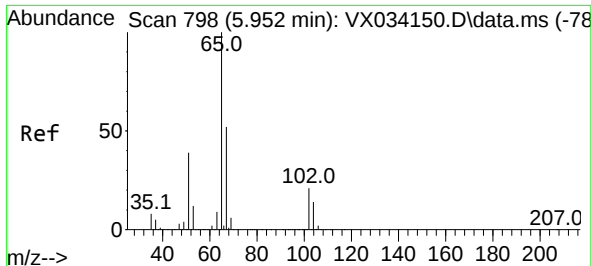


#32
1,1,1-Trichloroethane
Concen: 50.219 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



Tgt Ion: 97 Resp: 290985
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 45.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.929 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20909

Ion Ratio Lower Upper

65 100

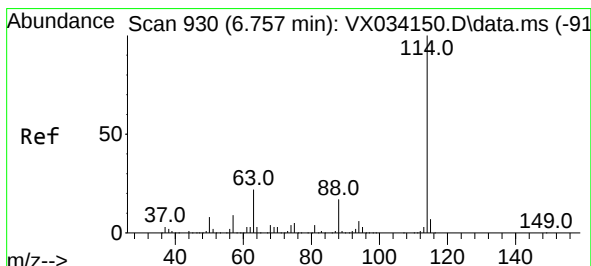
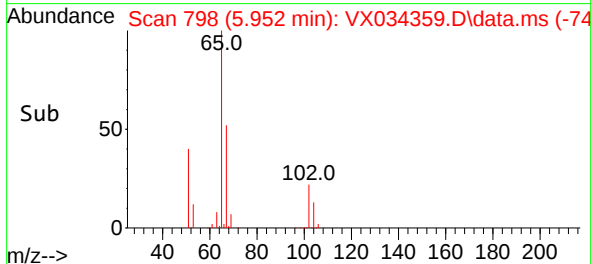
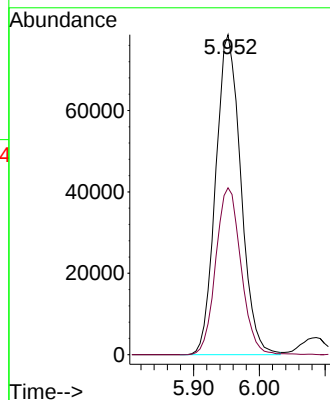
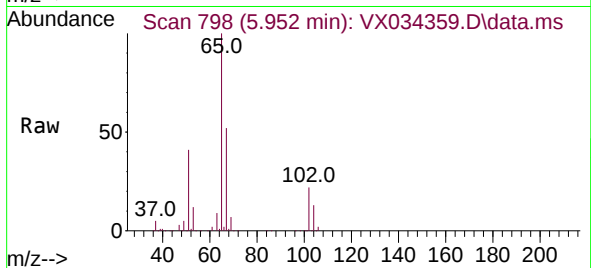
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

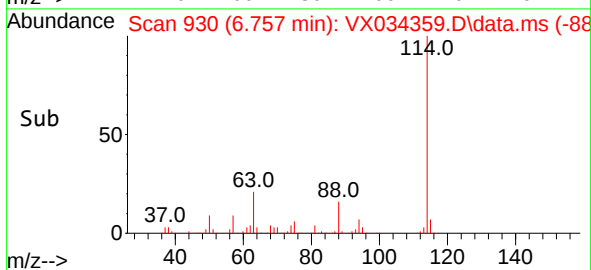
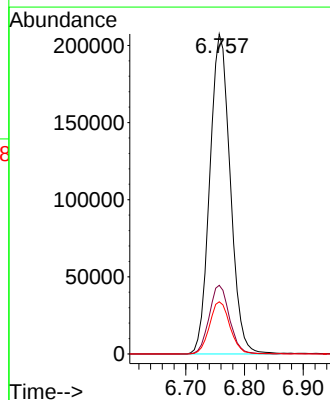
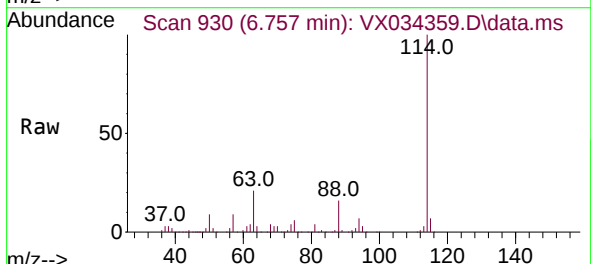
Tgt Ion:114 Resp: 500792

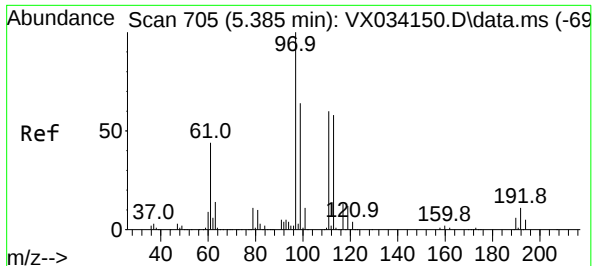
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.641 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034359.D

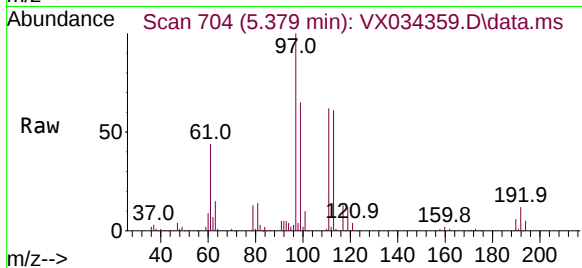
Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 168384

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.6

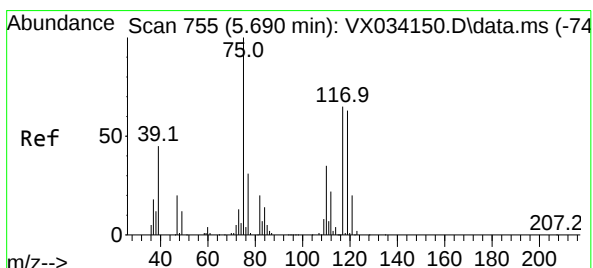
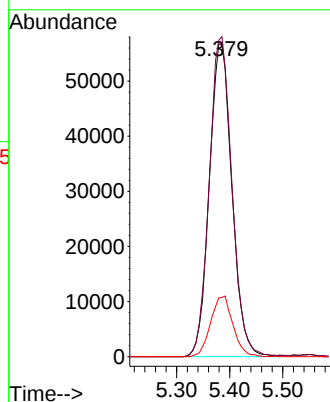
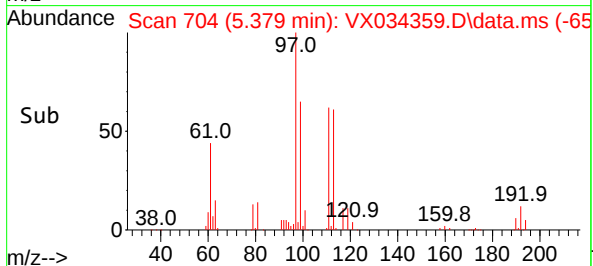
192 19.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#36

1,1-Dichloropropene

Concen: 51.001 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

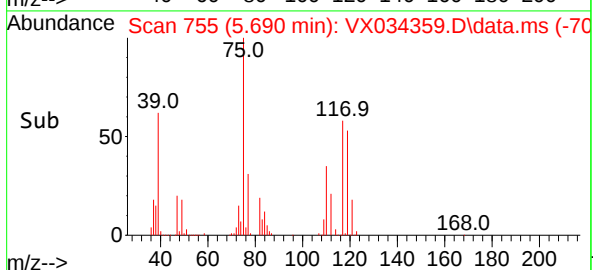
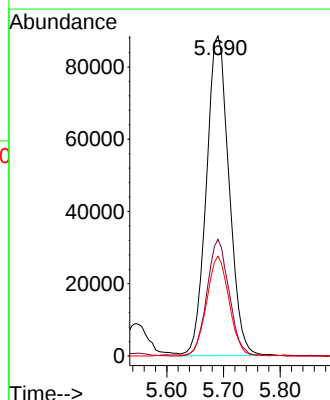
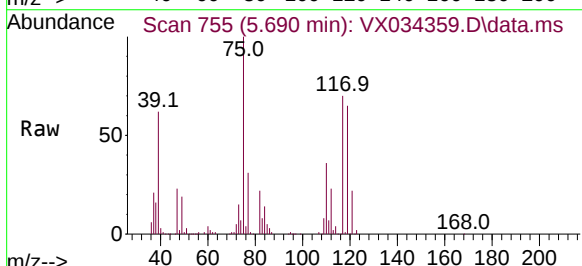
Tgt Ion: 75 Resp: 245934

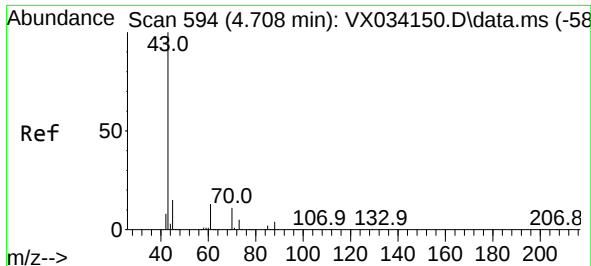
Ion Ratio Lower Upper

75 100

110 35.6 18.8 56.4

77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 50.420 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034359.D

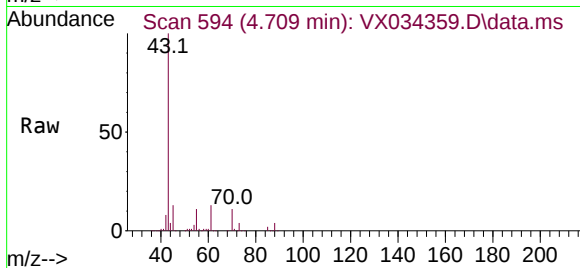
Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



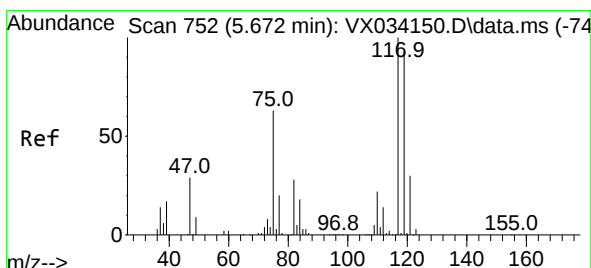
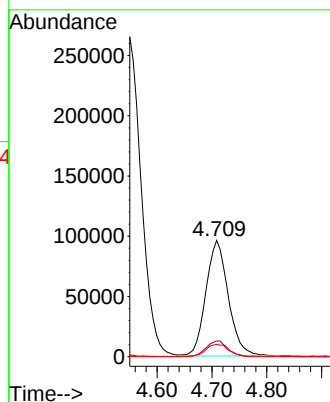
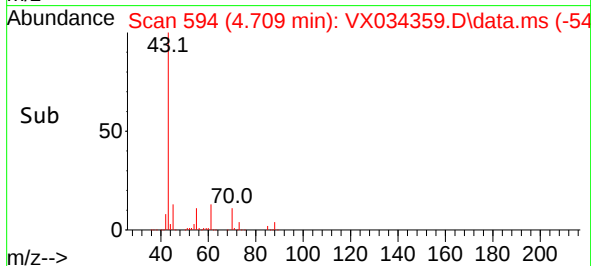
Tgt Ion:	43	Resp:	271724
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	11.0	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#38

Carbon Tetrachloride

Concen: 50.848 ug/l

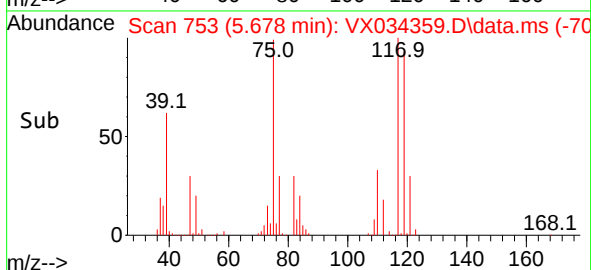
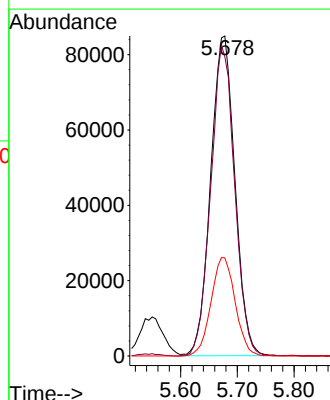
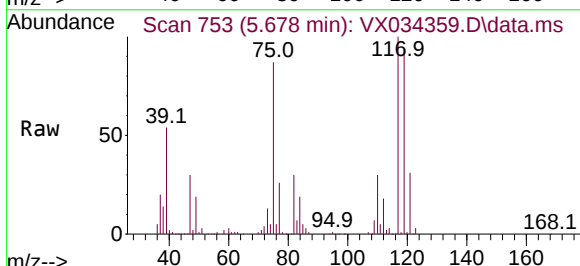
RT: 5.678 min Scan# 753

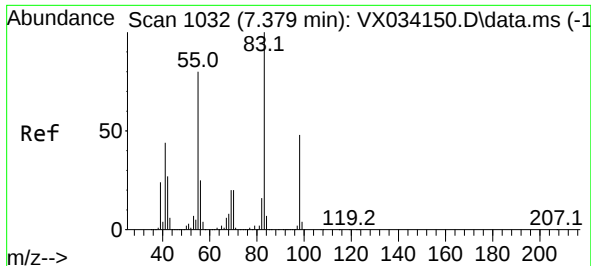
Delta R.T. 0.006 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

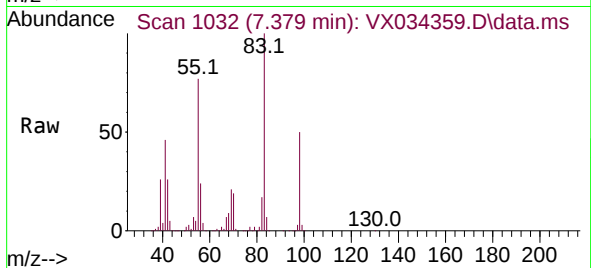
Tgt Ion:	117	Resp:	252315
Ion	Ratio	Lower	Upper
117	100		
119	93.6	78.0	117.0
121	30.7	24.4	36.6





#39
Methylcyclohexane
Concen: 49.006 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

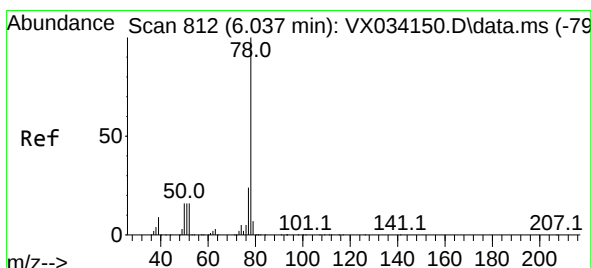
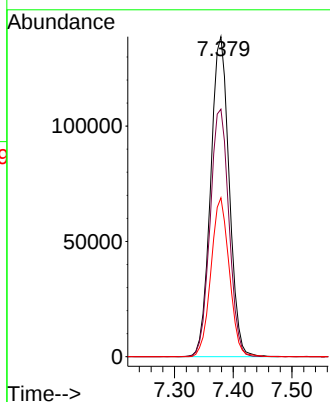
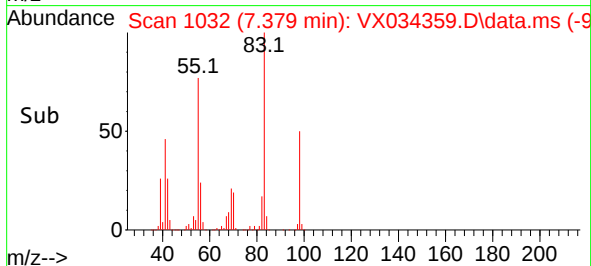
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 30411
Ion Ratio Lower Upper
83 100
55 77.4 61.8 92.6
98 49.6 39.3 58.9

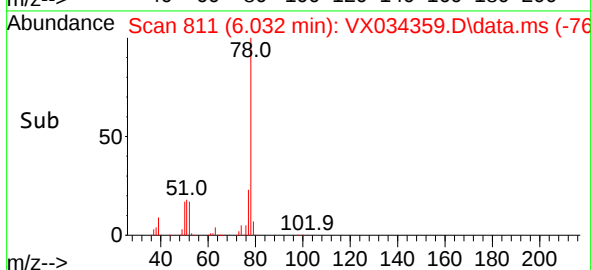
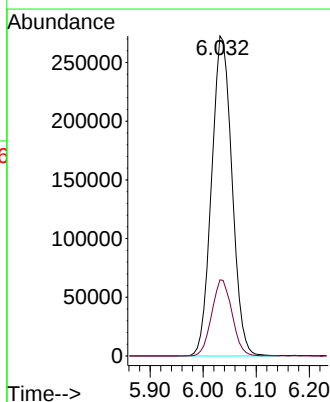
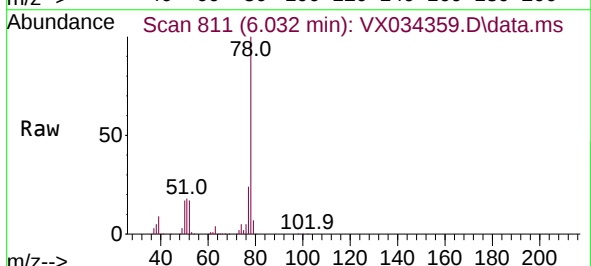
Manual Integrations
APPROVED

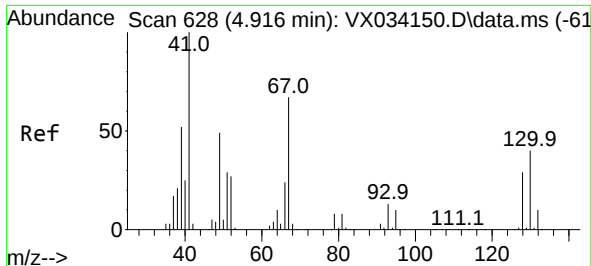
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#40
Benzene
Concen: 50.998 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion: 78 Resp: 728782
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





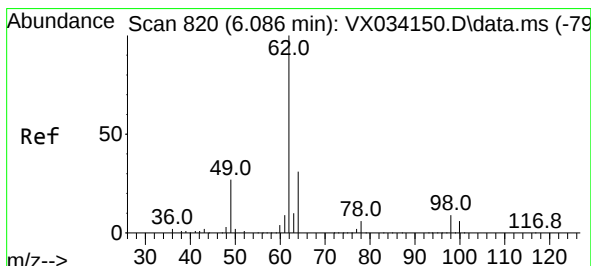
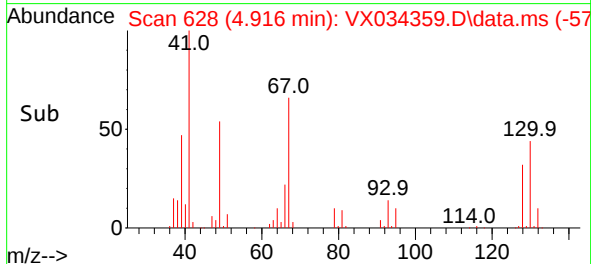
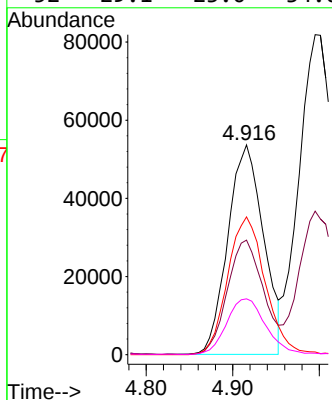
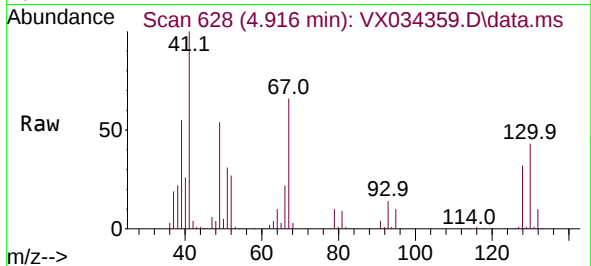
#41
Methacrylonitrile
Concen: 51.135 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 153540
Ion Ratio Lower Upper
41 100
39 54.9 43.8 65.6
67 69.6 54.8 82.2
52 29.1 23.0 34.6

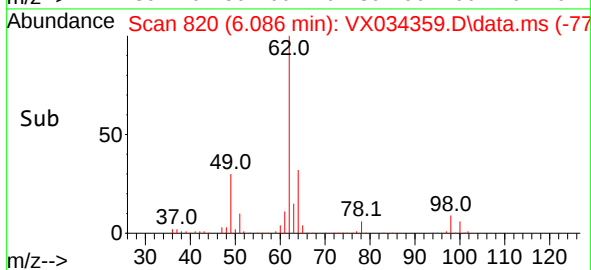
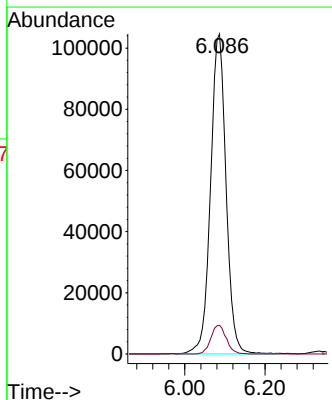
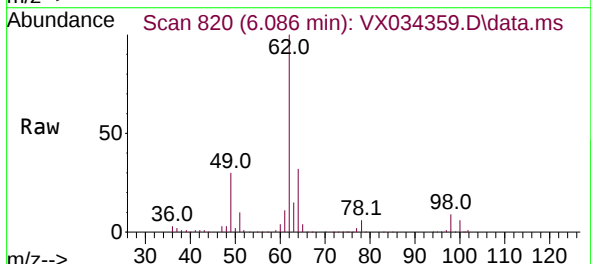
Manual Integrations
APPROVED

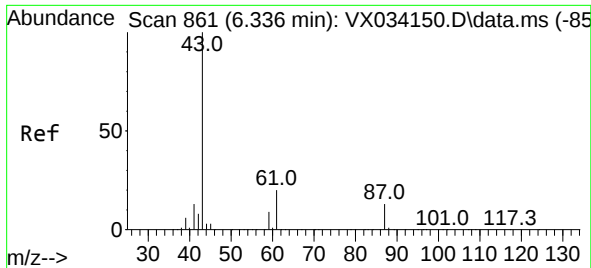
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#42
1,2-Dichloroethane
Concen: 55.851 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion: 62 Resp: 280709
Ion Ratio Lower Upper
62 100
98 8.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 50.982 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 48485

Ion Ratio Lower Upper

43 100

61 19.7 15.7 23.5

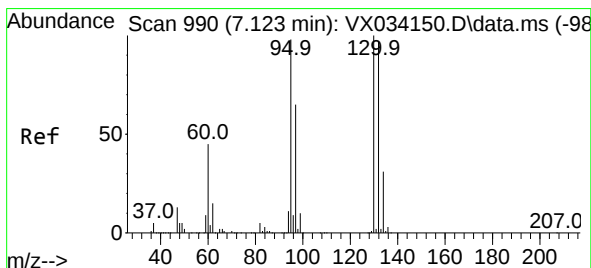
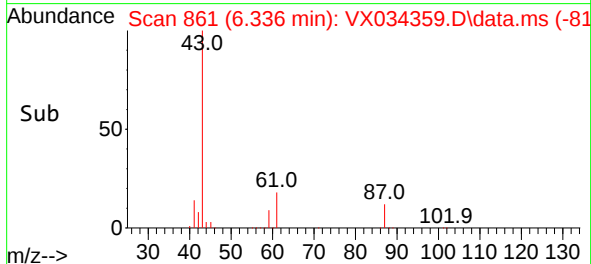
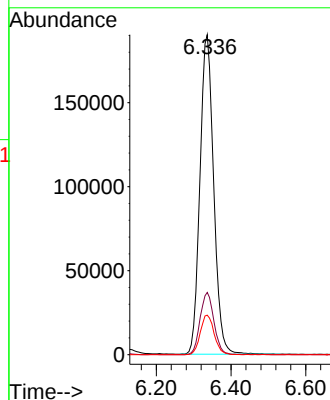
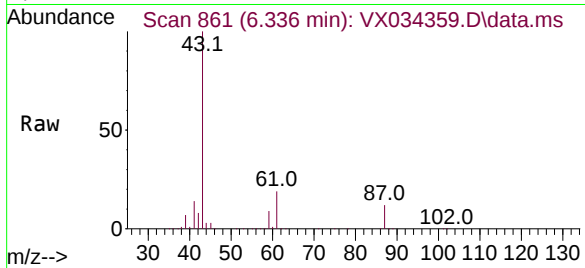
87 12.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#44

Trichloroethene

Concen: 51.267 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX034359.D

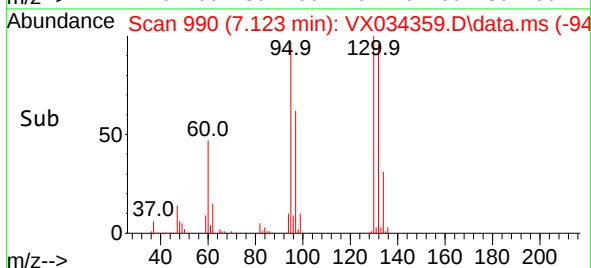
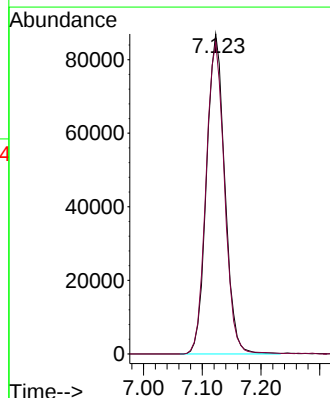
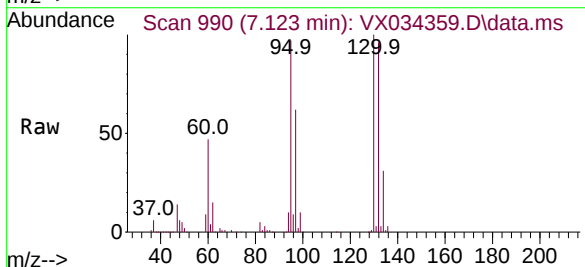
Acq: 07 Mar 2023 09:44

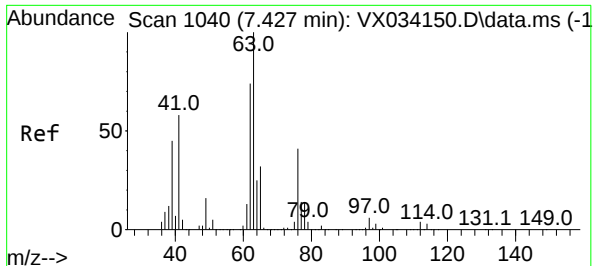
Tgt Ion:130 Resp: 188005

Ion Ratio Lower Upper

130 100

95 97.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 51.721 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 196758

Ion Ratio Lower Upper

63 100

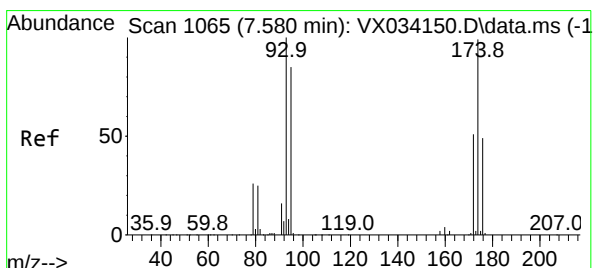
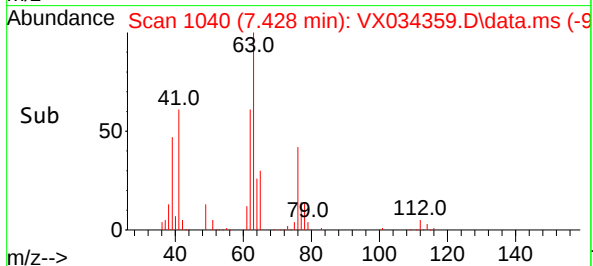
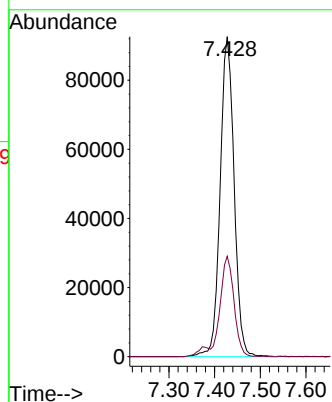
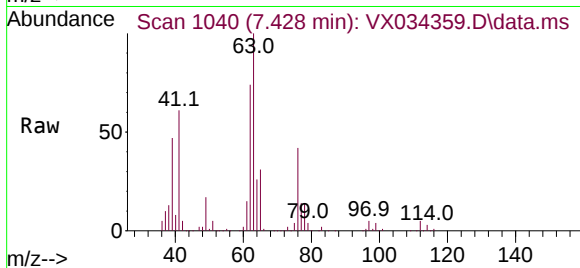
65 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#46

Dibromomethane

Concen: 53.222 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

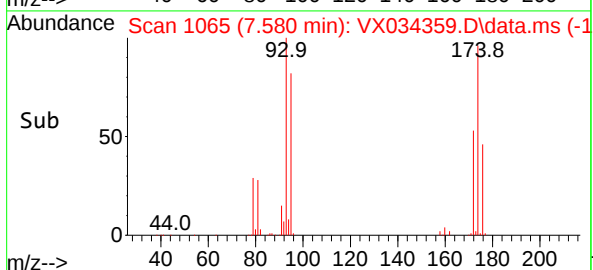
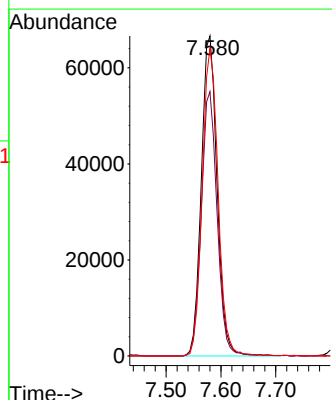
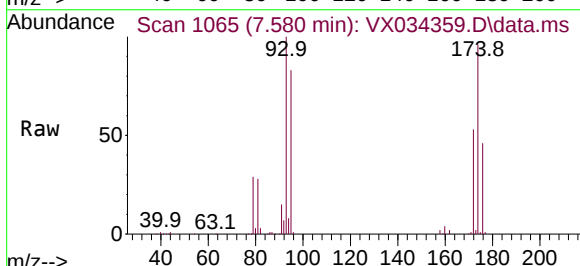
Tgt Ion: 93 Resp: 133248

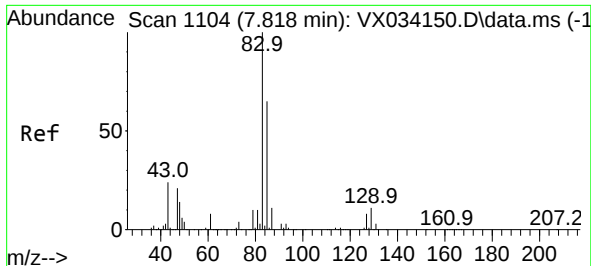
Ion Ratio Lower Upper

93 100

95 82.3 67.6 101.4

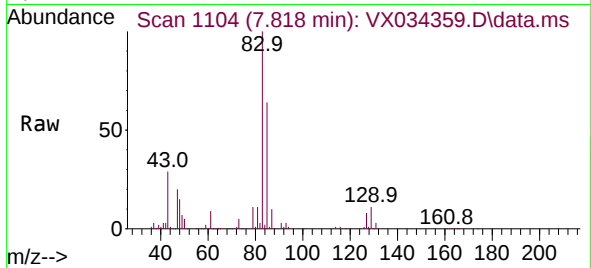
174 96.6 97.4 146.0#





#47
Bromodichloromethane
Concen: 52.299 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

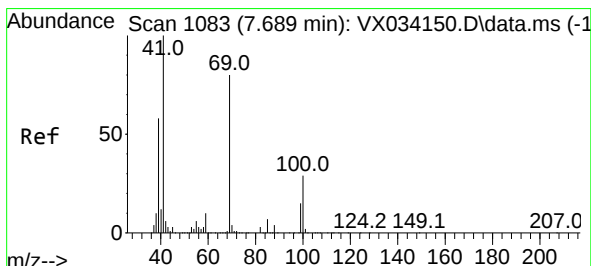
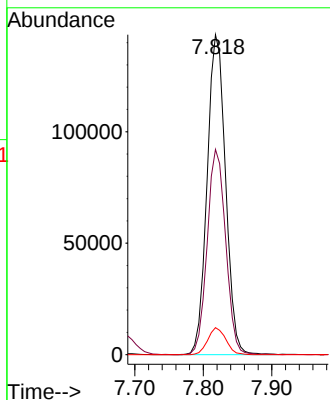
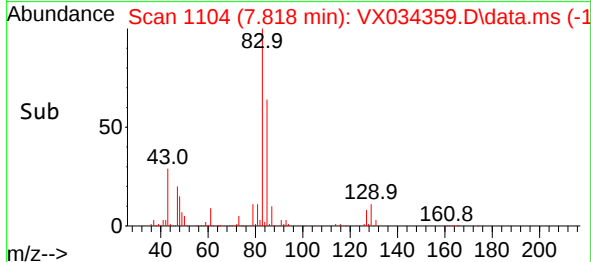
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



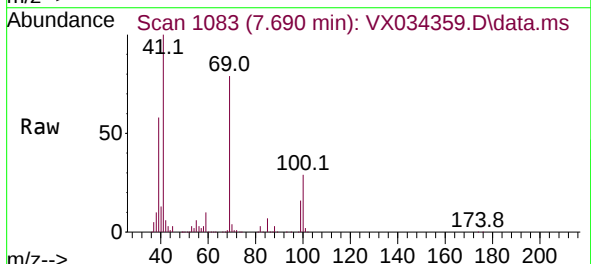
Tgt Ion: 83 Resp: 26871
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.4 7.0 10.4

Manual Integrations
APPROVED

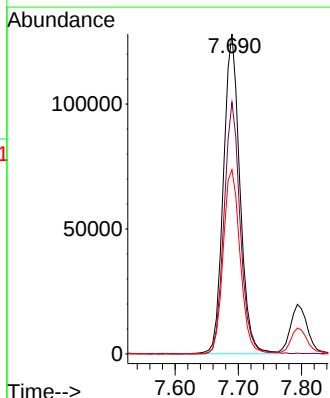
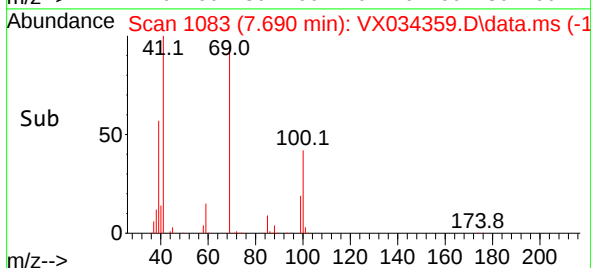
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

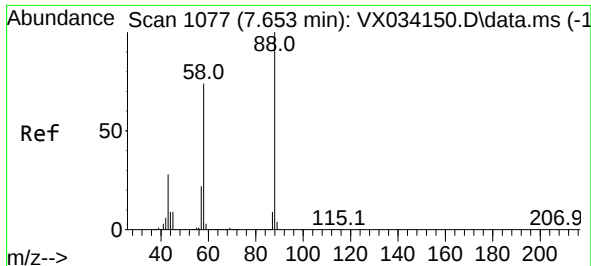


#48
Methyl methacrylate
Concen: 51.247 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



Tgt Ion: 41 Resp: 231323
Ion Ratio Lower Upper
41 100
69 77.6 63.1 94.7
39 59.2 43.2 64.8





#49

1,4-Dioxane

Concen: 991.449 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

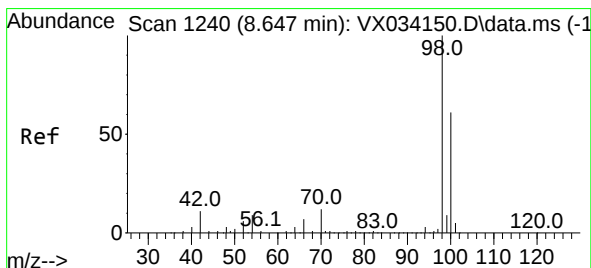
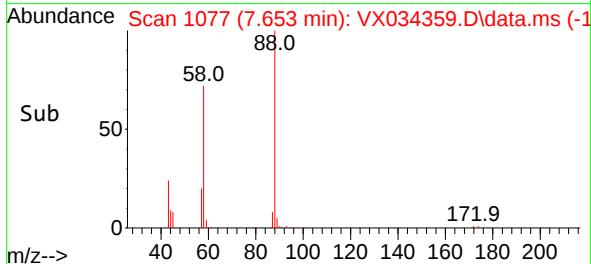
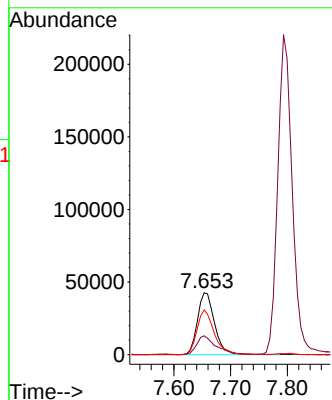
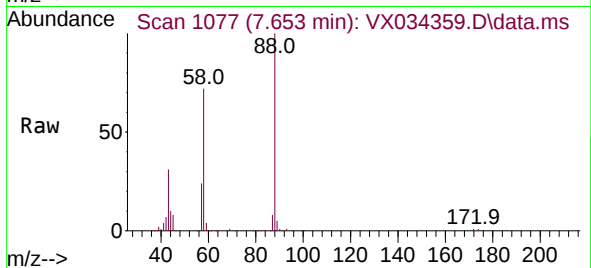
Tgt Ion:	88	Resp:	89264
Ion	Ratio	Lower	Upper
88	100		
43	34.4	0.0	0.0
58	72.4	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#50

Toluene-d8

Concen: 51.221 ug/l

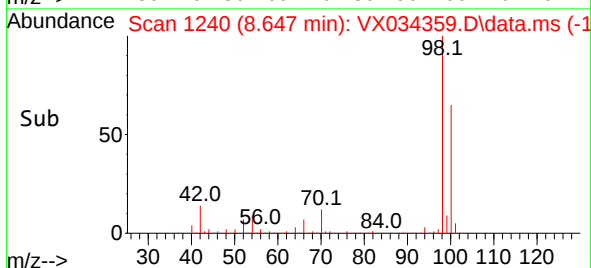
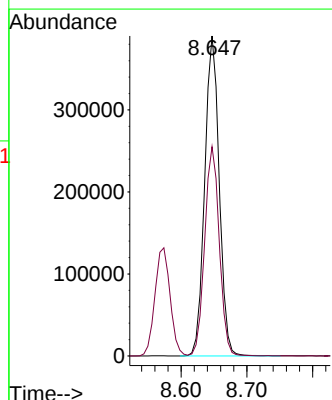
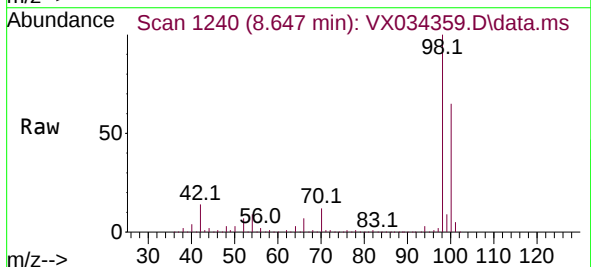
RT: 8.647 min Scan# 1240

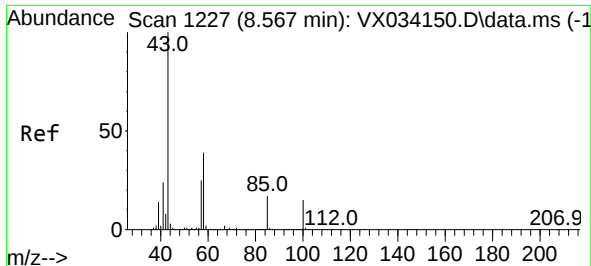
Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Tgt Ion:	98	Resp:	599631
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.6	80.4





#51

4-Methyl-2-Pentanone

Concen: 268.855 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 140673

Ion Ratio Lower Upper

43 100

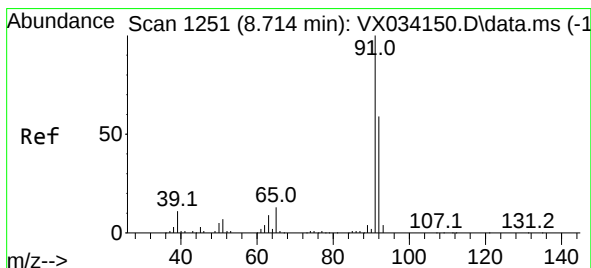
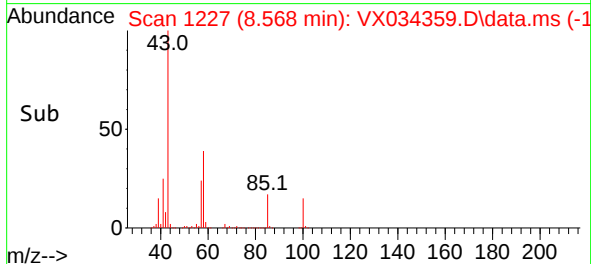
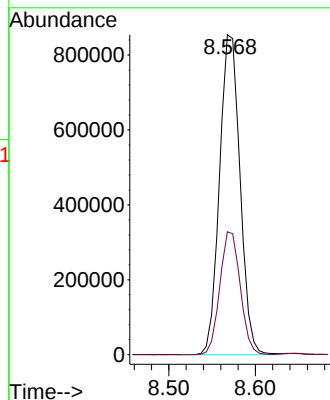
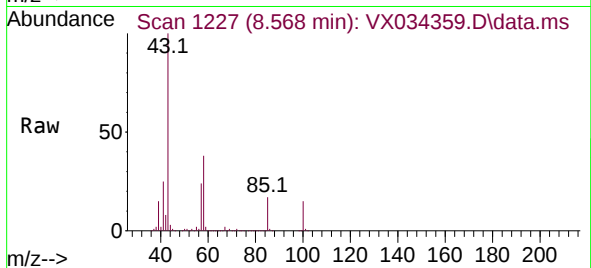
58 38.2 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#52

Toluene

Concen: 53.678 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX034359.D

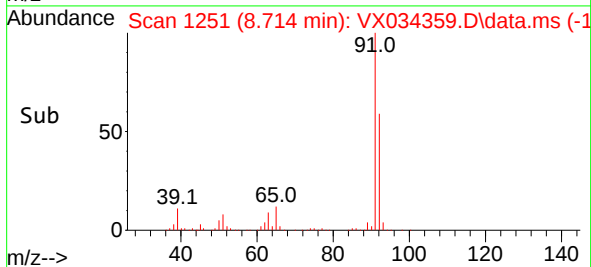
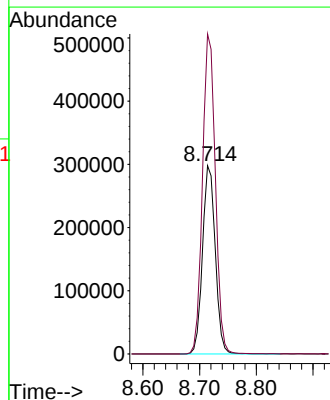
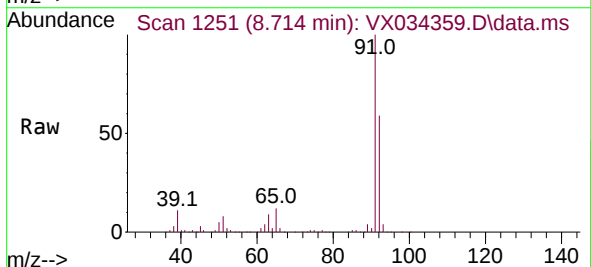
Acq: 07 Mar 2023 09:44

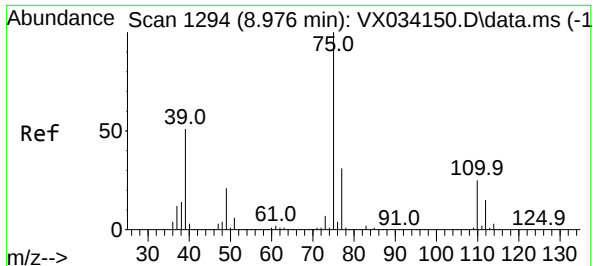
Tgt Ion: 92 Resp: 464791

Ion Ratio Lower Upper

92 100

91 171.5 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 53.403 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 315834

Ion Ratio Lower Upper

75 100

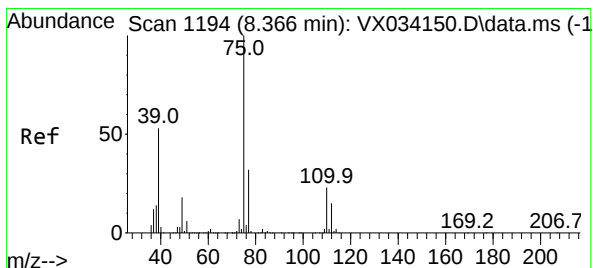
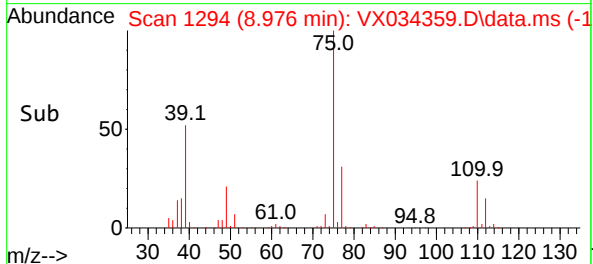
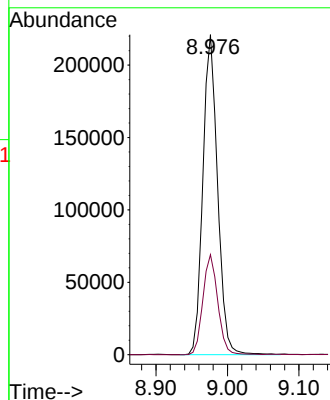
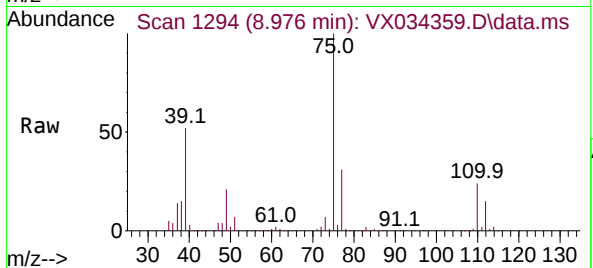
77 31.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#54

cis-1,3-Dichloropropene

Concen: 51.545 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

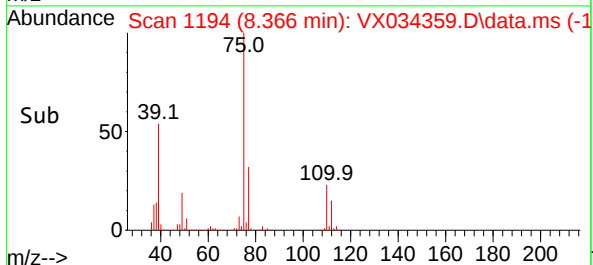
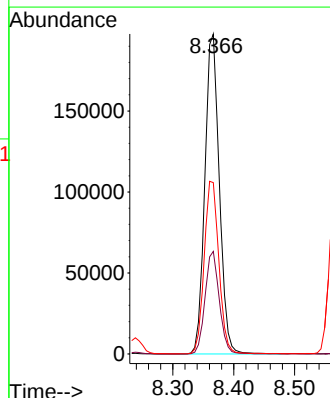
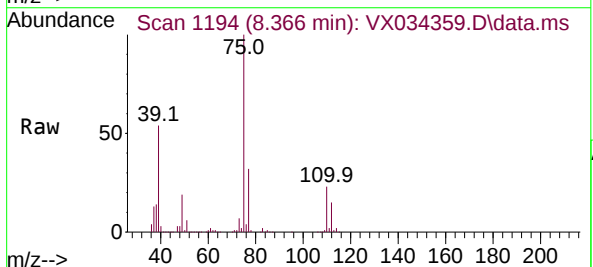
Tgt Ion: 75 Resp: 326355

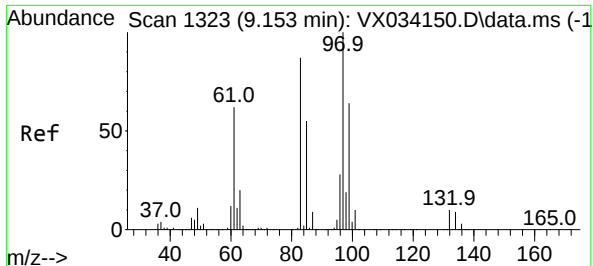
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 53.5 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 55.501 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 19398

Ion Ratio Lower Upper

97 100

83 86.6 67.4 101.0

85 54.5 43.2 64.8

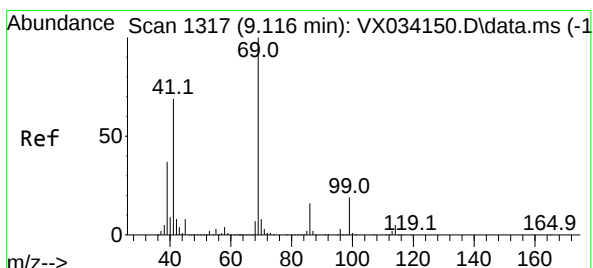
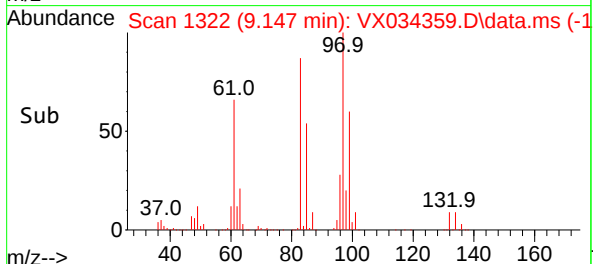
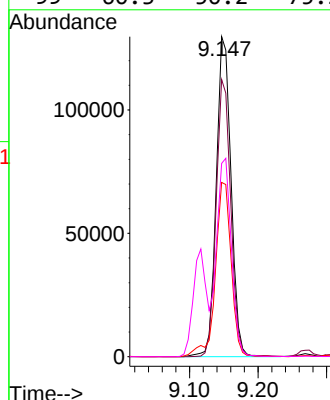
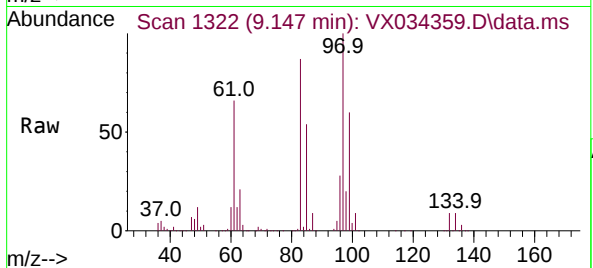
99 60.3 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#56

Ethyl methacrylate

Concen: 54.652 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

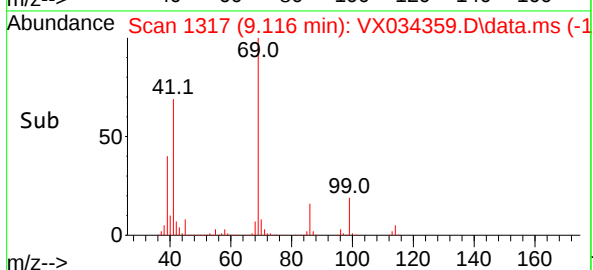
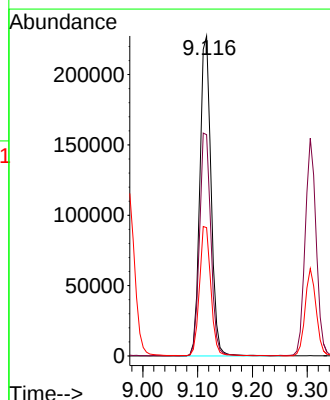
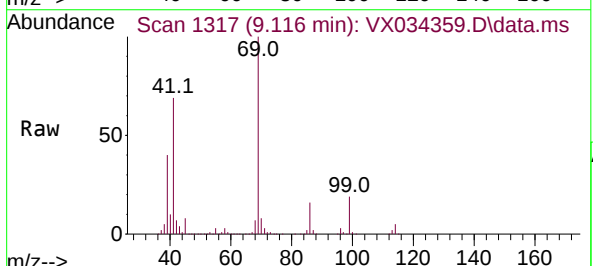
Tgt Ion: 69 Resp: 323134

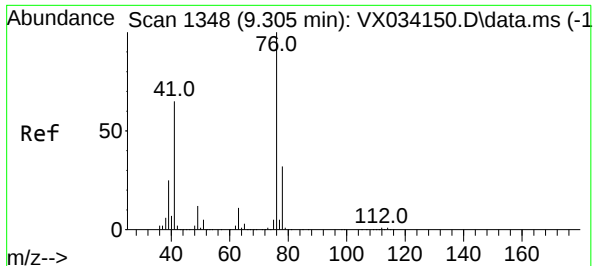
Ion Ratio Lower Upper

69 100

41 70.5 55.1 82.7

39 40.9 28.5 42.7





#57

1,3-Dichloropropane

Concen: 55.174 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 335508

Ion Ratio Lower Upper

76 100

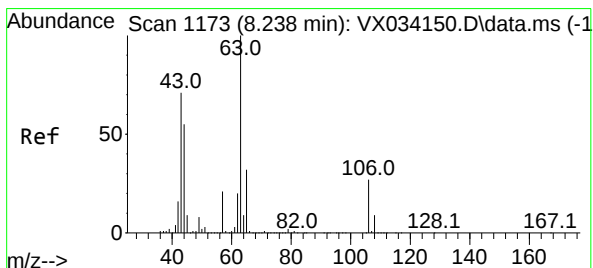
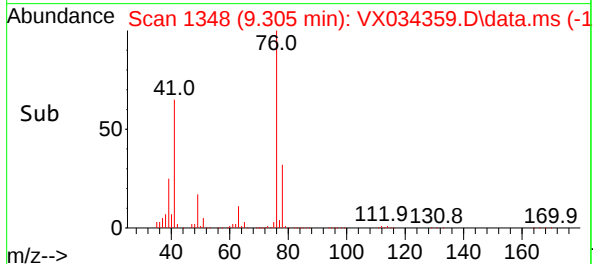
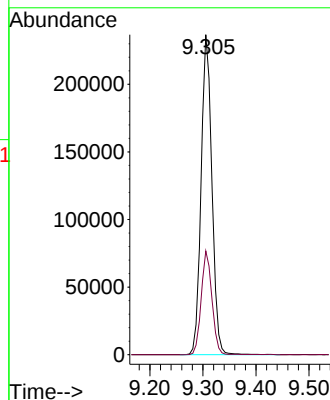
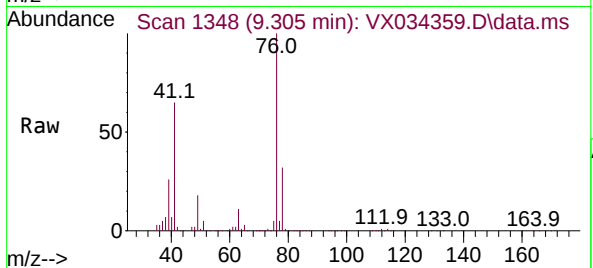
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 260.668 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034359.D

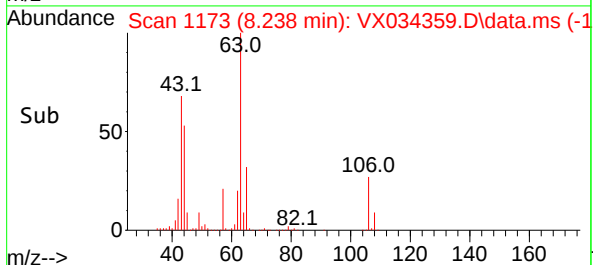
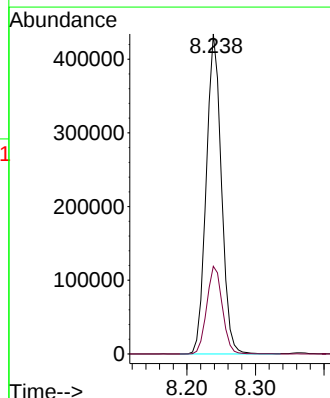
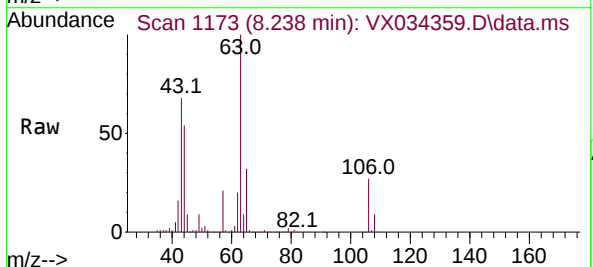
Acq: 07 Mar 2023 09:44

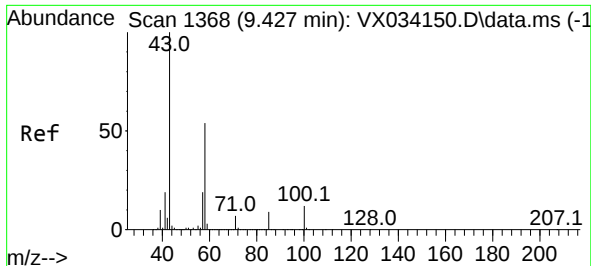
Tgt Ion: 63 Resp: 667640

Ion Ratio Lower Upper

63 100

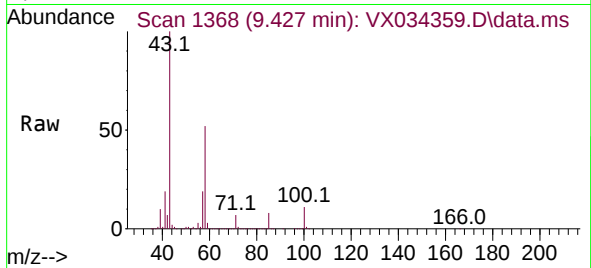
106 28.1 24.5 36.7





#59
2-Hexanone
Concen: 276.567 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

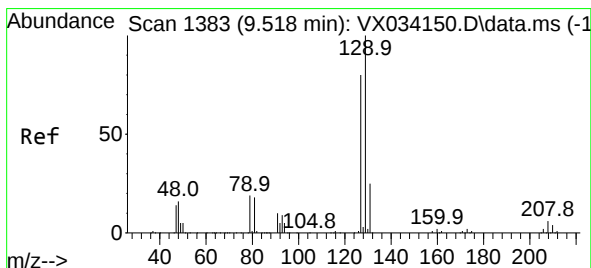
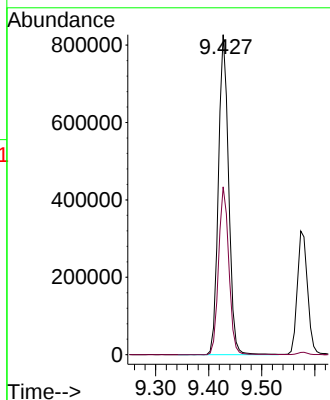
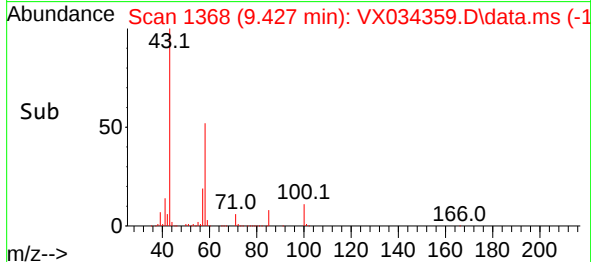
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 110283
Ion Ratio Lower Upper
43 100
58 52.7 27.4 82.0

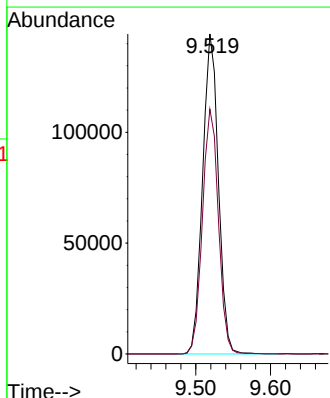
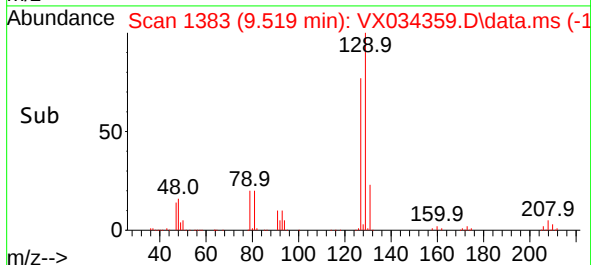
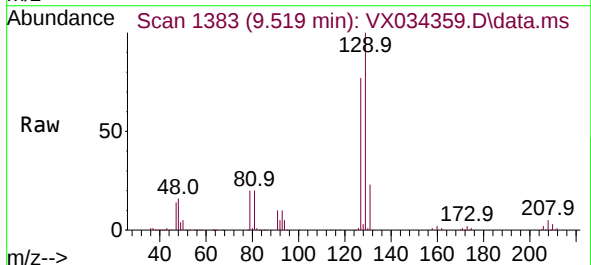
Manual Integrations
APPROVED

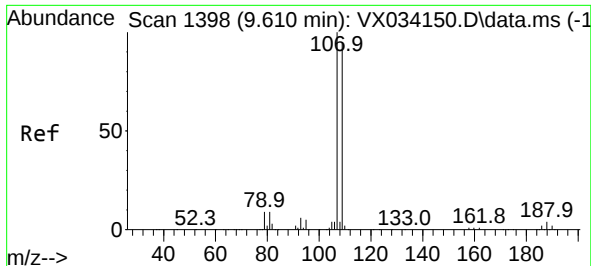
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#60
Dibromochloromethane
Concen: 54.769 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

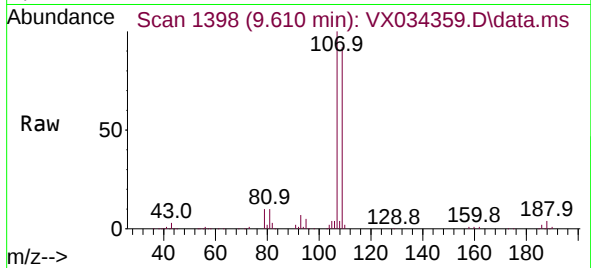
Tgt Ion:129 Resp: 211511
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 55.705 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

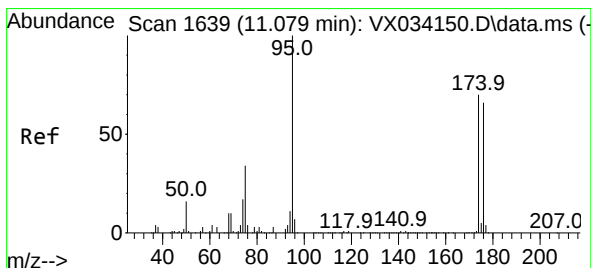
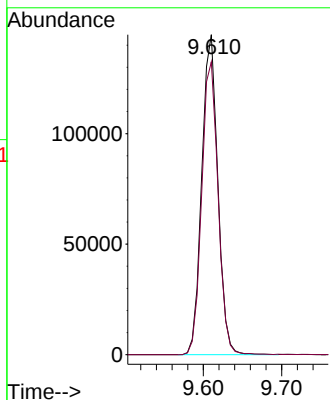
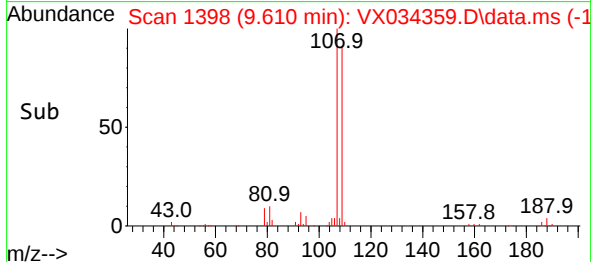
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



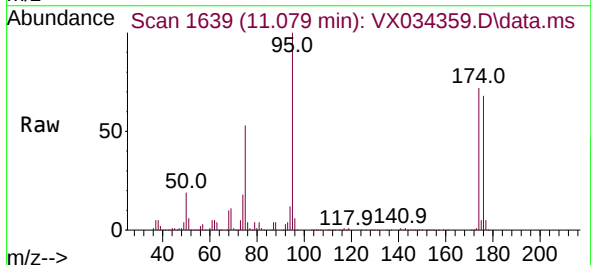
Tgt Ion:107 Resp: 205907
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.2

Manual Integrations
APPROVED

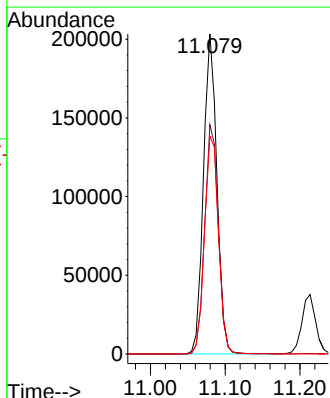
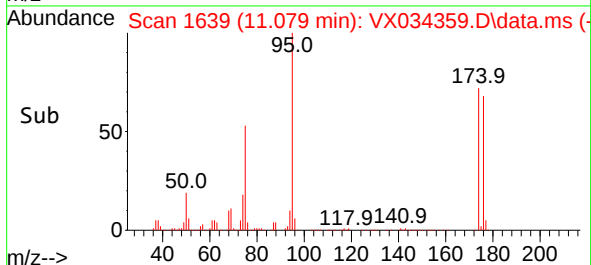
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

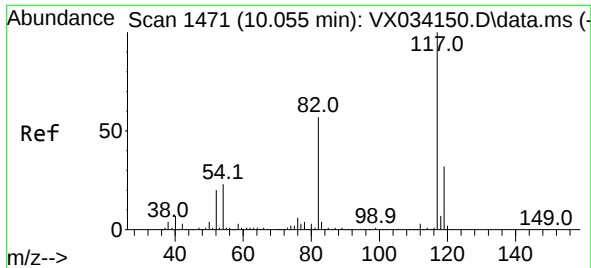


#62
4-Bromofluorobenzene
Concen: 56.477 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



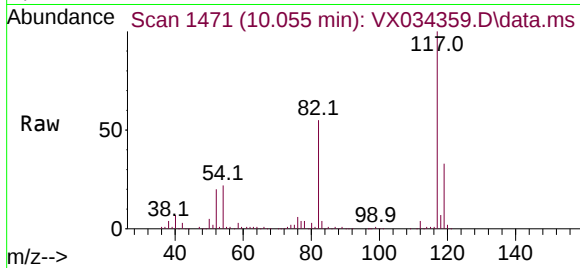
Tgt Ion: 95 Resp: 252899
Ion Ratio Lower Upper
95 100
174 73.2 0.0 184.4
176 70.9 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

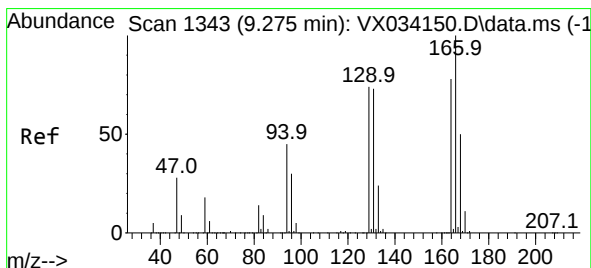
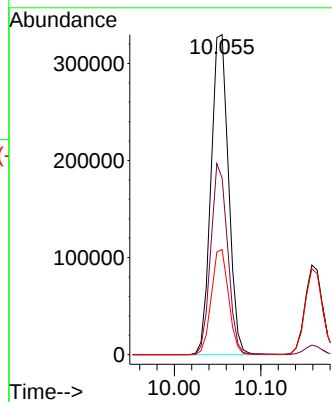
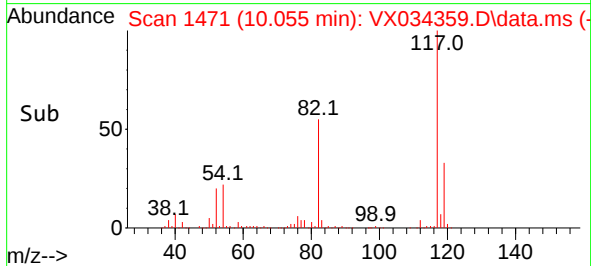
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 463750
Ion Ratio Lower Upper
117 100
82 55.1 40.6 60.8
119 32.9 25.6 38.4

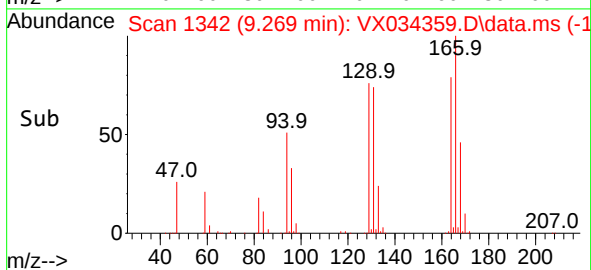
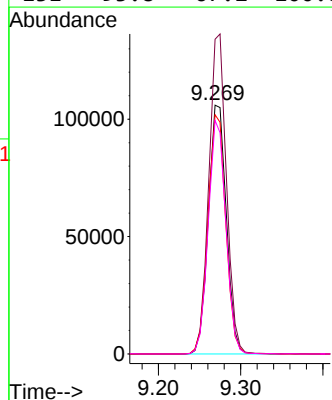
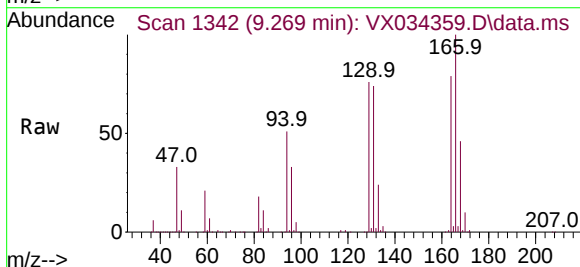
Manual Integrations
APPROVED

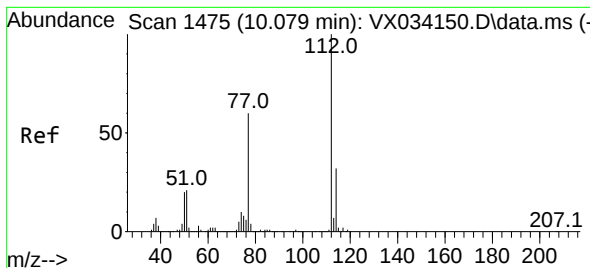
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#64
Tetrachloroethene
Concen: 49.148 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion:164 Resp: 160866
Ion Ratio Lower Upper
164 100
166 126.5 100.2 150.2
129 96.1 69.2 103.8
131 93.8 67.2 100.8





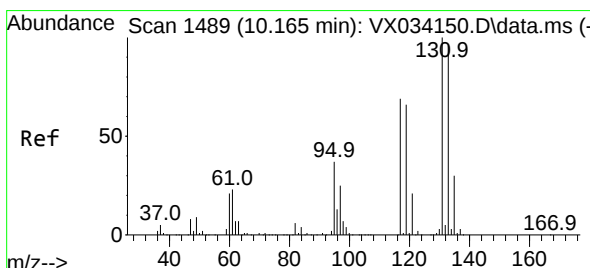
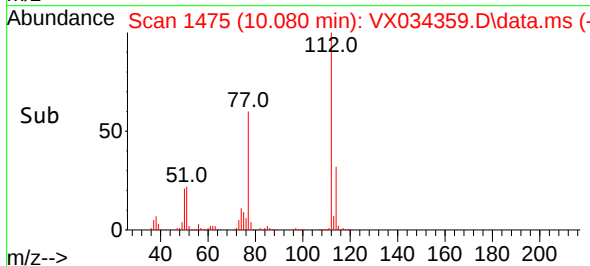
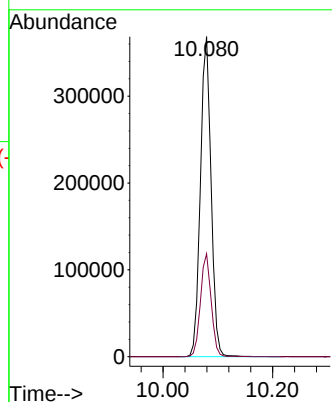
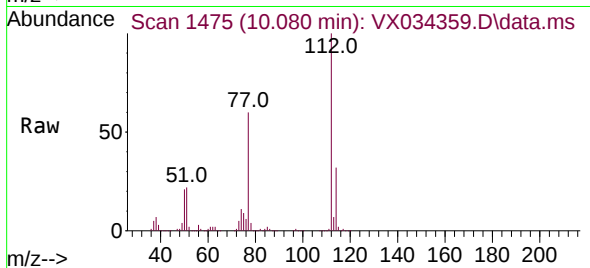
#65
Chlorobenzene
Concen: 51.611 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 498920
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4

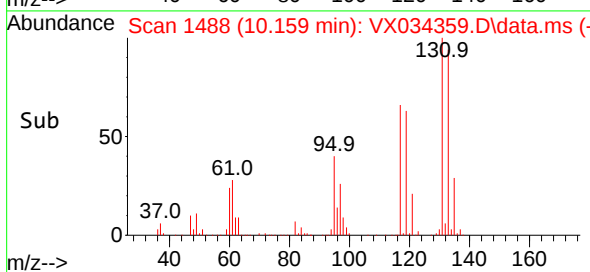
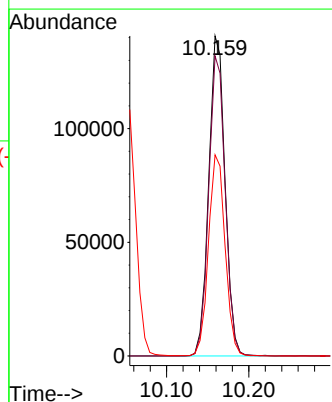
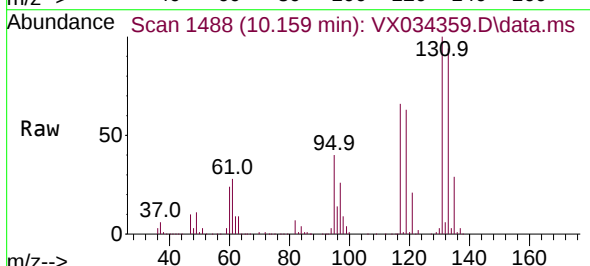
Manual Integrations
APPROVED

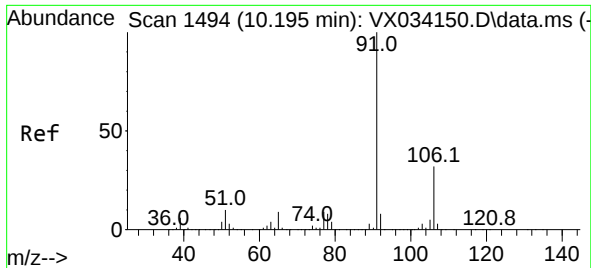
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.829 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

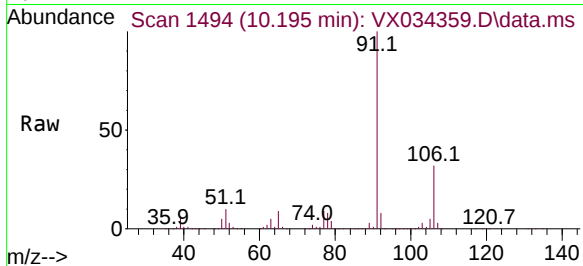
Tgt Ion:131 Resp: 193961
Ion Ratio Lower Upper
131 100
133 94.5 48.4 145.0
119 64.2 31.9 95.7





#67
Ethyl Benzene
Concen: 51.983 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

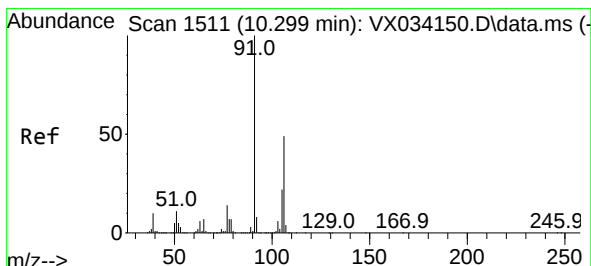
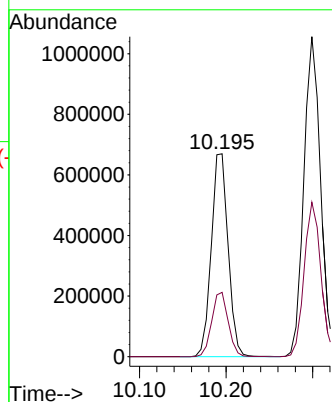
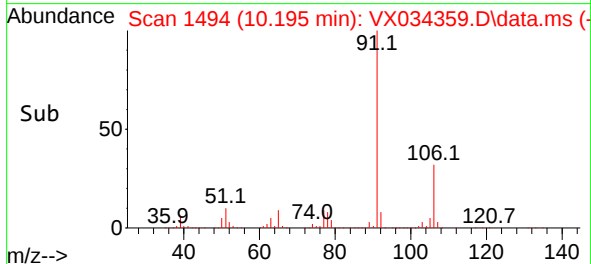
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



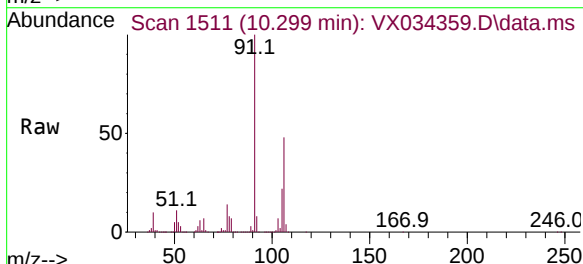
Tgt Ion: 91 Resp: 90279
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.8

Manual Integrations
APPROVED

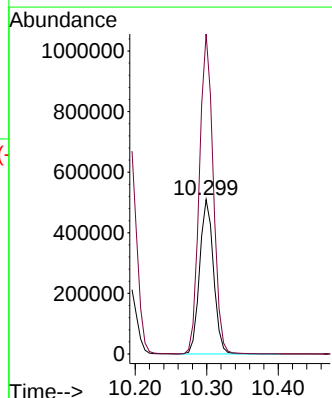
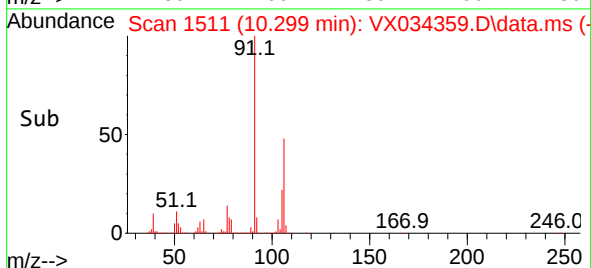
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

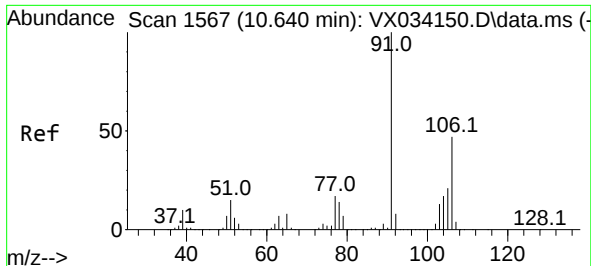


#68
m/p-Xylenes
Concen: 103.170 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



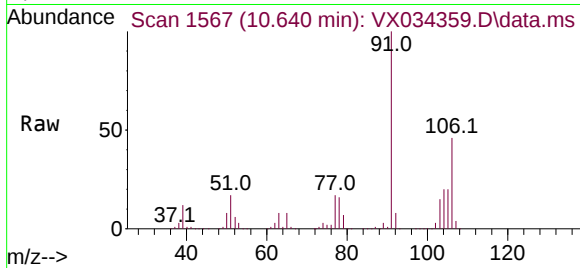
Tgt Ion:106 Resp: 685691
Ion Ratio Lower Upper
106 100
91 206.5 156.4 234.6





#69
o-Xylene
Concen: 51.991 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

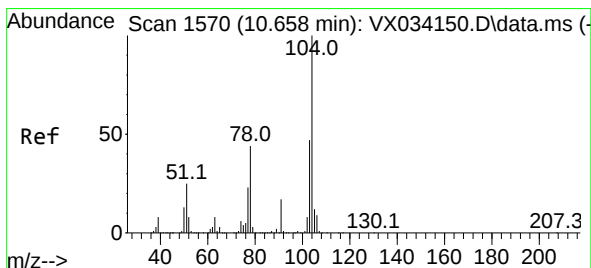
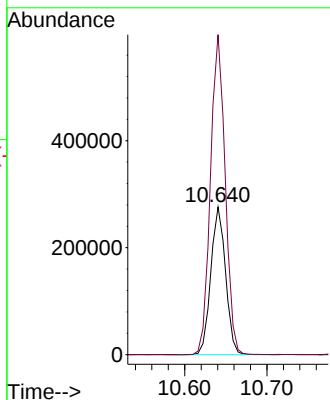
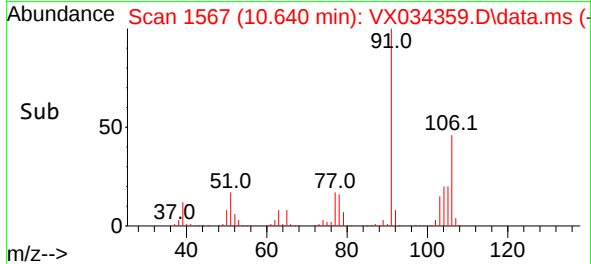
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



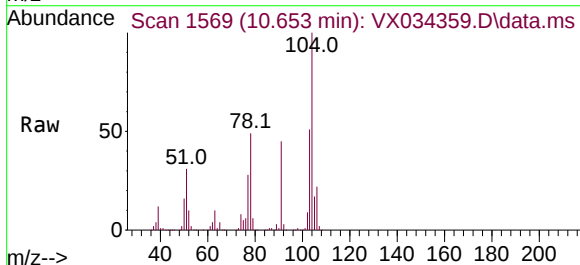
Tgt Ion:106 Resp: 344004
Ion Ratio Lower Upper
106 100
91 216.2 103.1 309.3

Manual Integrations
APPROVED

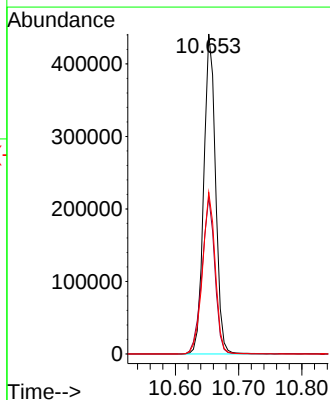
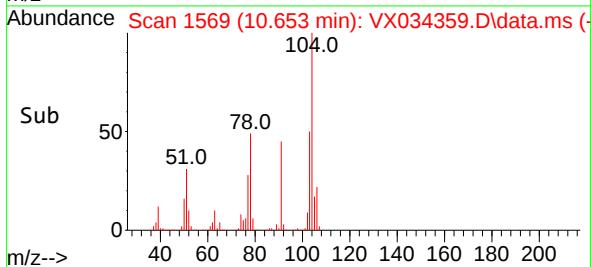
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

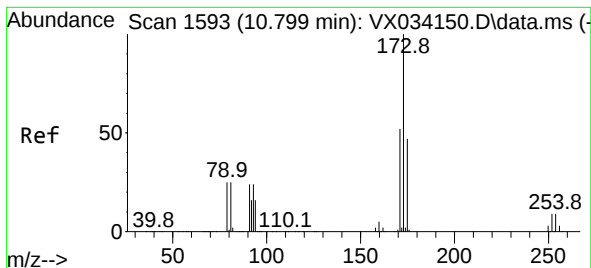


#70
Styrene
Concen: 53.357 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



Tgt Ion:104 Resp: 574183
Ion Ratio Lower Upper
104 100
78 53.3 37.5 56.3
103 54.4 43.3 64.9





#71

Bromoform

Concen: 51.264 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 15659

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

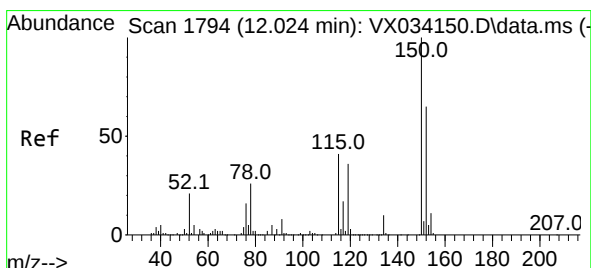
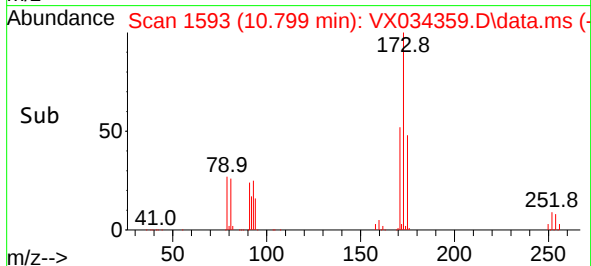
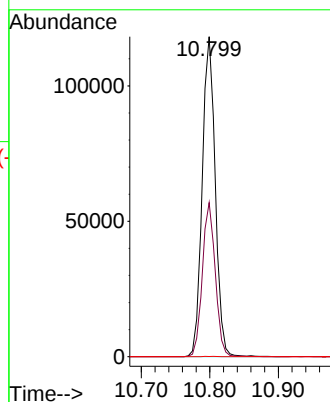
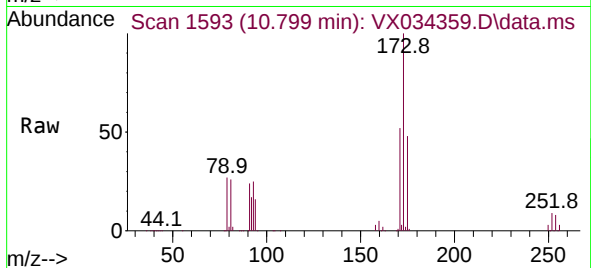
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

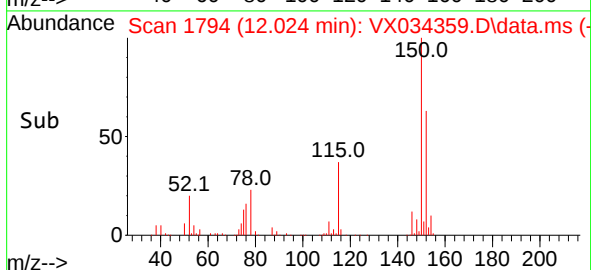
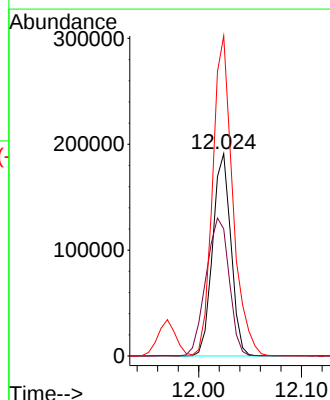
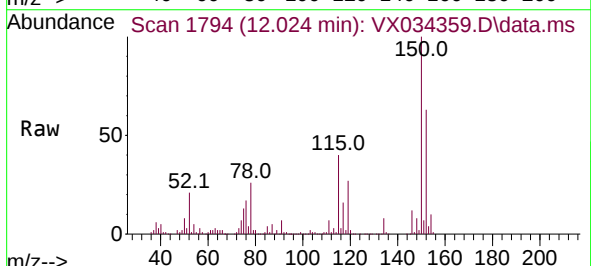
Tgt Ion:152 Resp: 235275

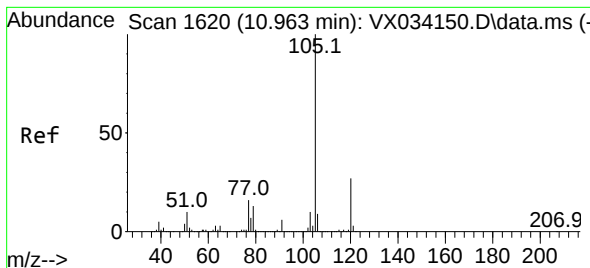
Ion Ratio Lower Upper

152 100

115 86.9 38.7 116.1

150 174.0 0.0 348.2





#73

Isopropylbenzene

Concen: 50.071 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 89782

Ion Ratio Lower Upper

105 100

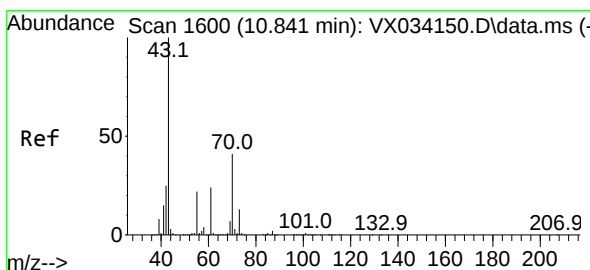
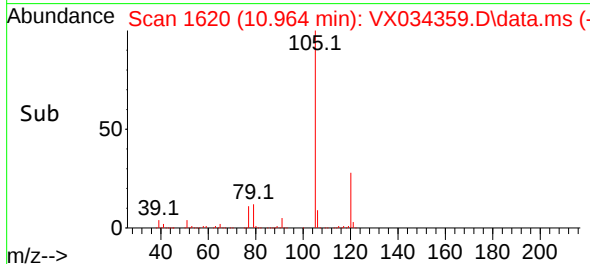
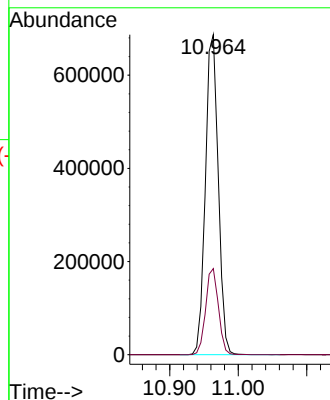
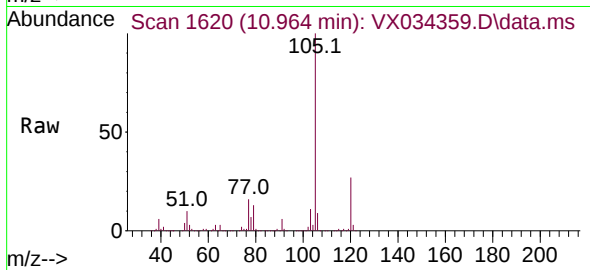
120 26.7 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#74

N-ethyl acetate

Concen: 49.103 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Tgt Ion: 43 Resp: 442338

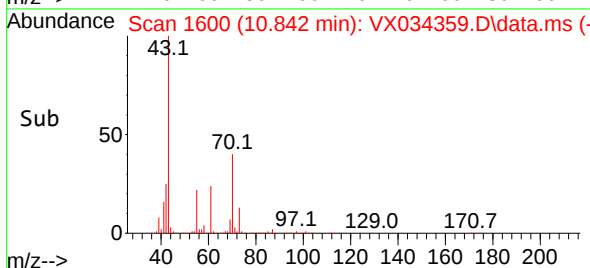
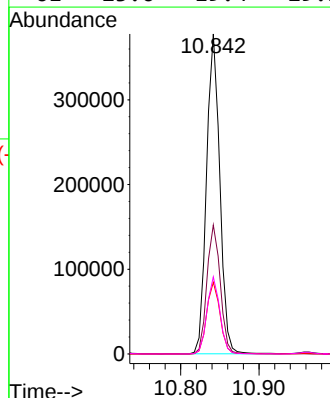
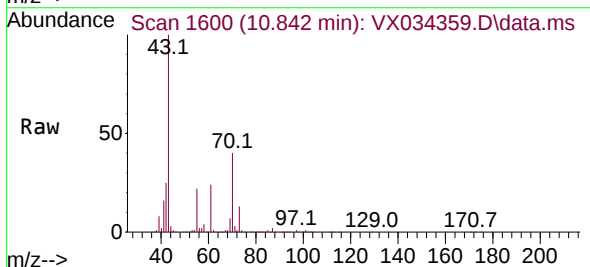
Ion Ratio Lower Upper

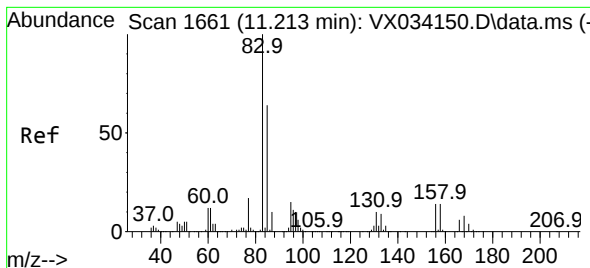
43 100

70 40.7 34.8 52.2

55 22.7 19.4 29.0

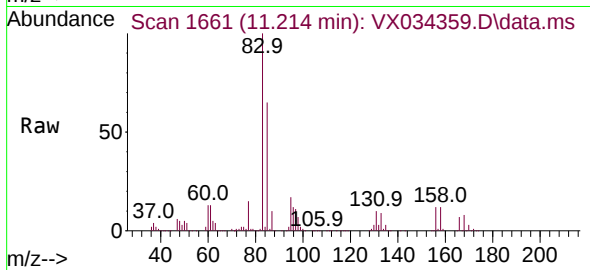
61 23.6 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.775 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

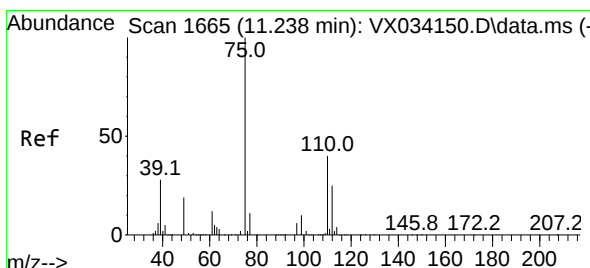
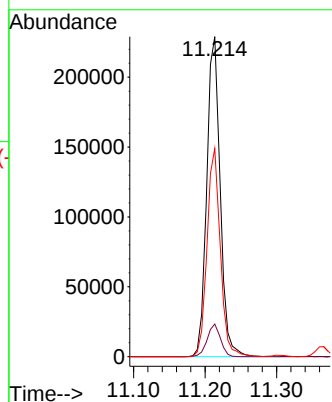
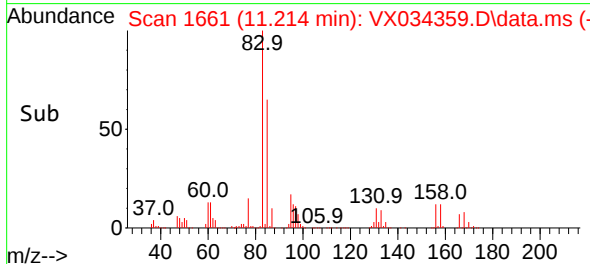
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



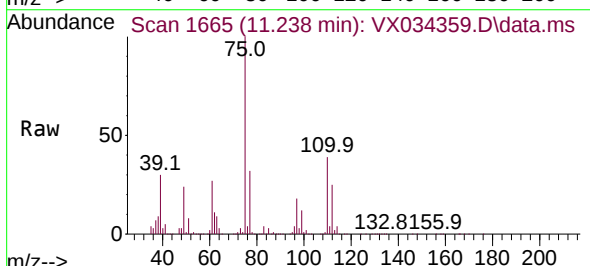
Tgt Ion: 83 Resp: 299132
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.7
85 64.3 32.3 96.9

Manual Integrations
APPROVED

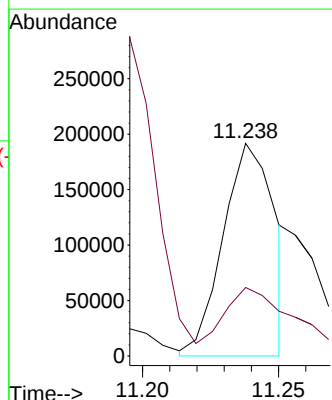
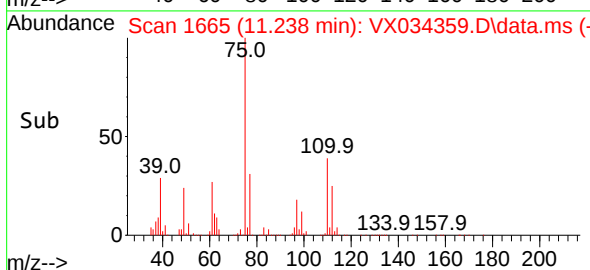
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

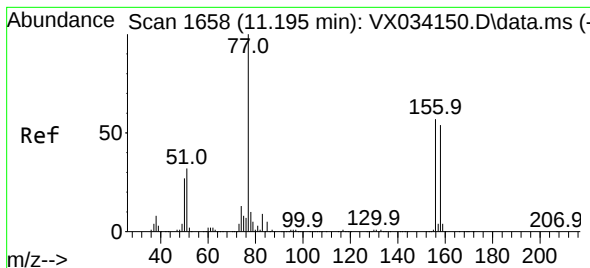


#76
1,2,3-Trichloropropane
Concen: 42.707 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



Tgt Ion: 75 Resp: 252832
Ion Ratio Lower Upper
75 100
77 44.4 21.8 65.4





#77

Bromobenzene

Concen: 50.254 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

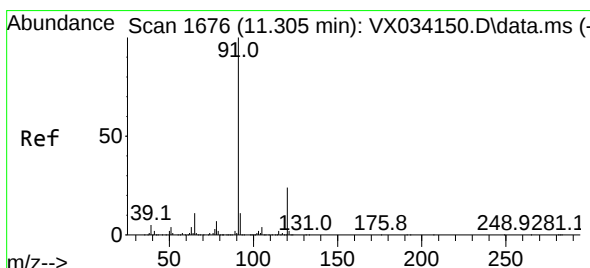
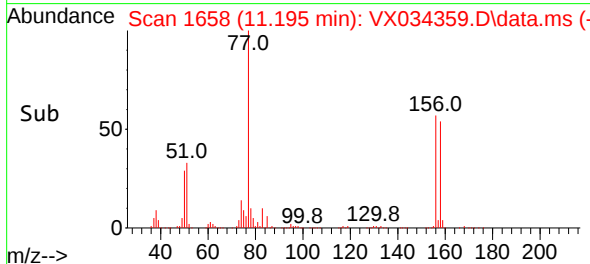
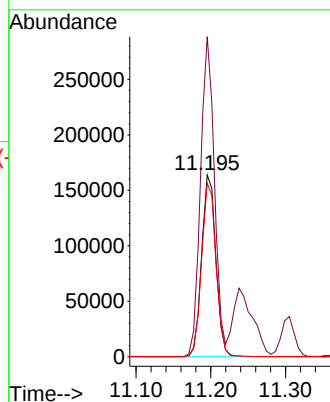
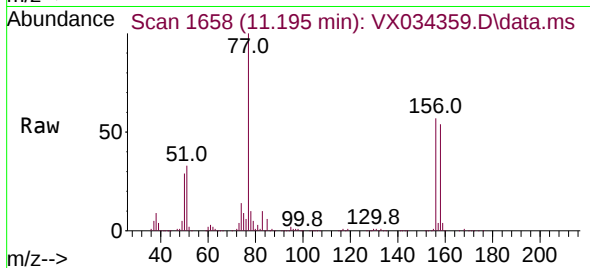
Tgt Ion:	156	Resp:	21685
Ion Ratio	Lower	Upper	
156	100		
77	171.6	68.1	204.3
158	96.0	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#78

n-propylbenzene

Concen: 50.819 ug/l

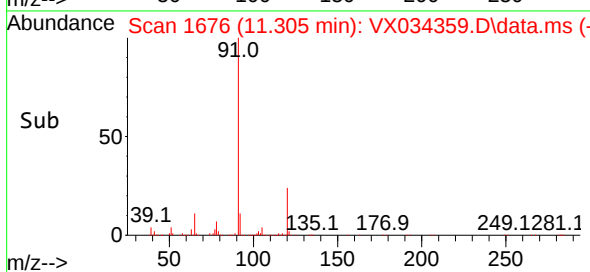
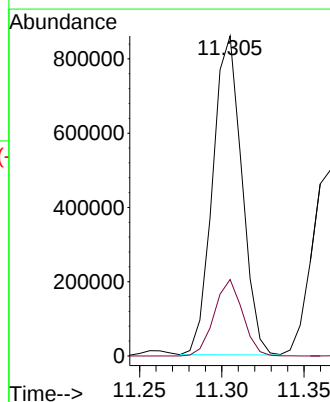
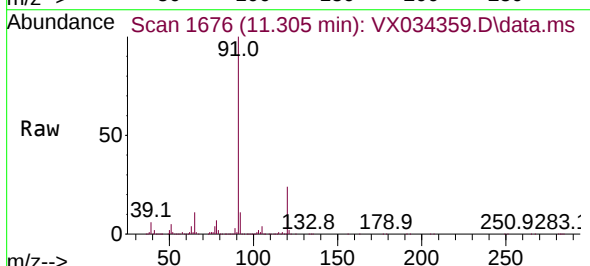
RT: 11.305 min Scan# 1676

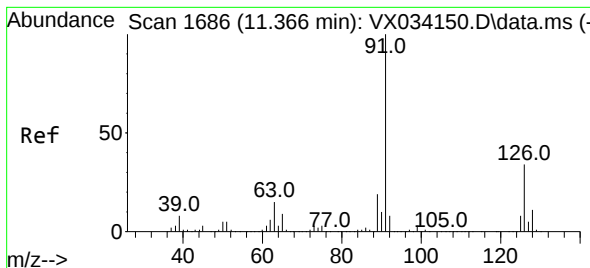
Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Tgt Ion:	91	Resp:	1059776
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.3	36.8





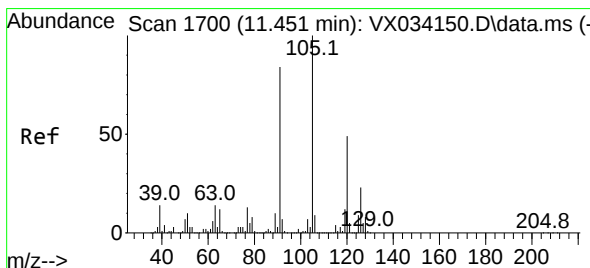
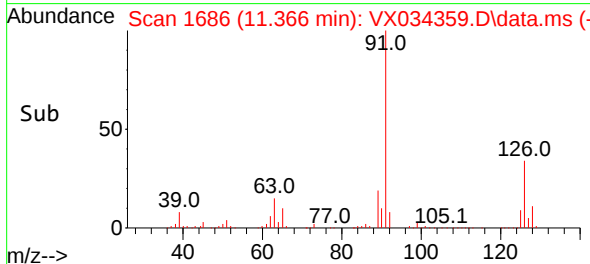
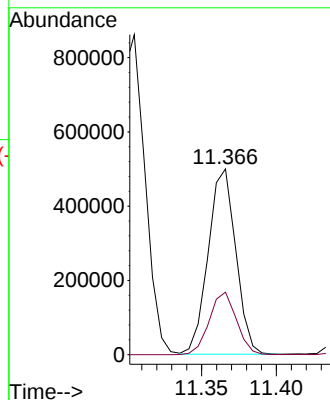
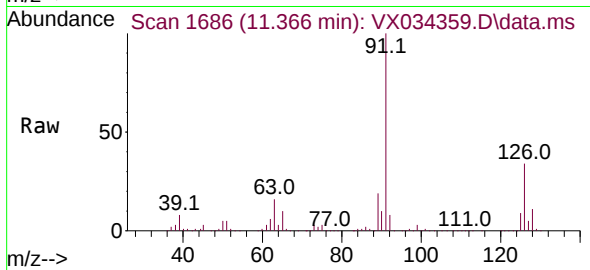
#79
2-Chlorotoluene
Concen: 50.053 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 640039
Ion Ratio Lower Upper
91 100
126 33.3 18.1 54.1

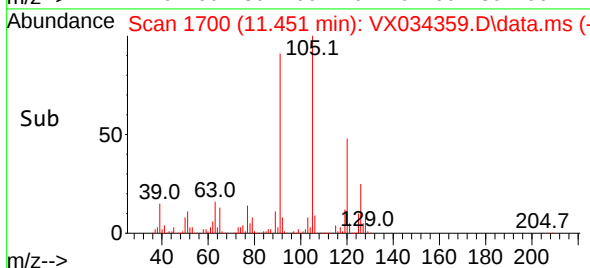
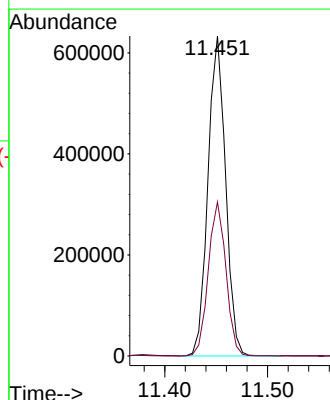
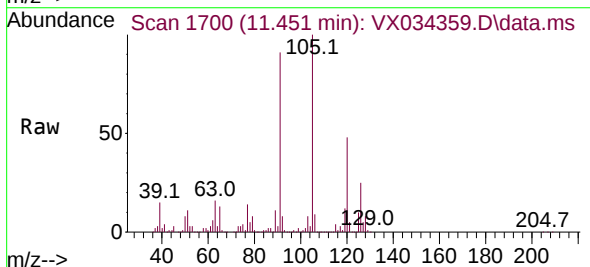
Manual Integrations
APPROVED

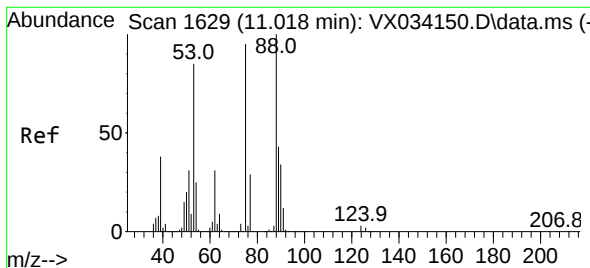
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.018 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

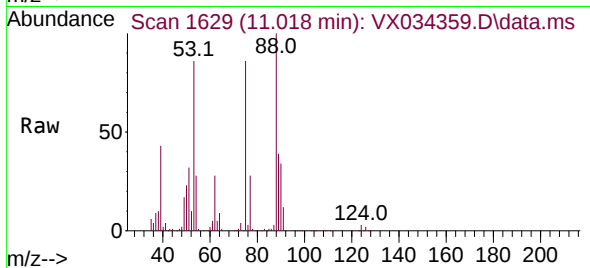
Tgt Ion:105 Resp: 754042
Ion Ratio Lower Upper
105 100
120 48.4 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.923 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

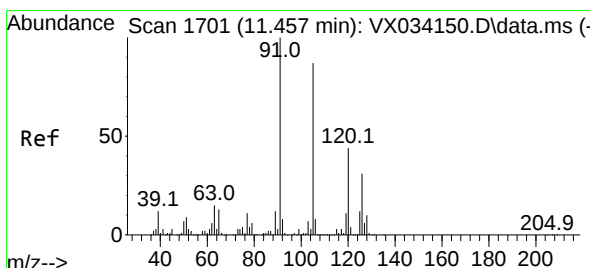
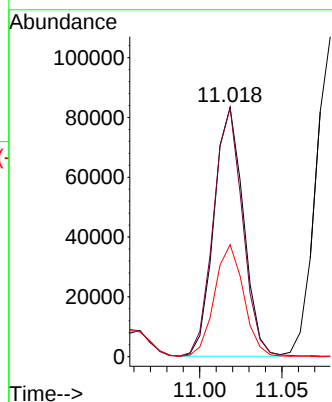
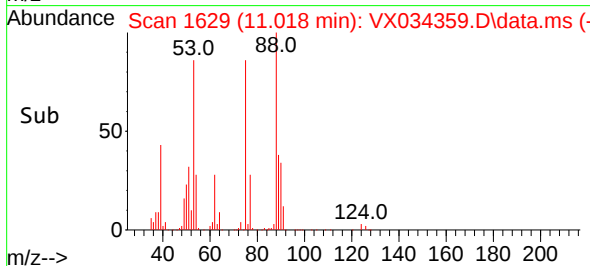
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 103528
Ion Ratio Lower Upper
75 100
53 99.0 83.0 124.6
89 44.9 37.7 56.5

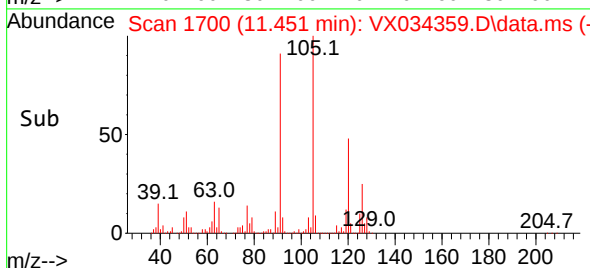
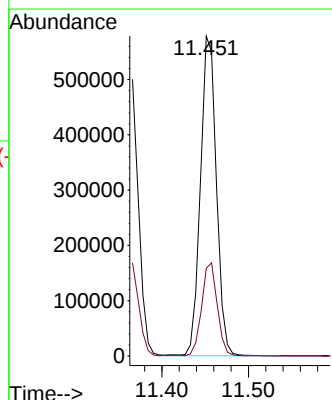
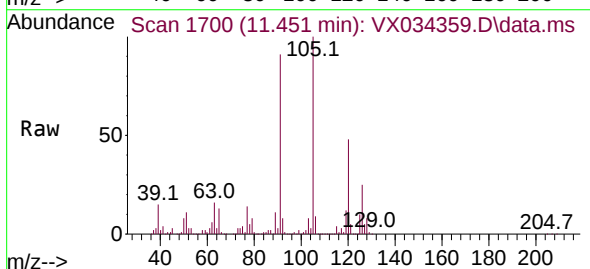
Manual Integrations
APPROVED

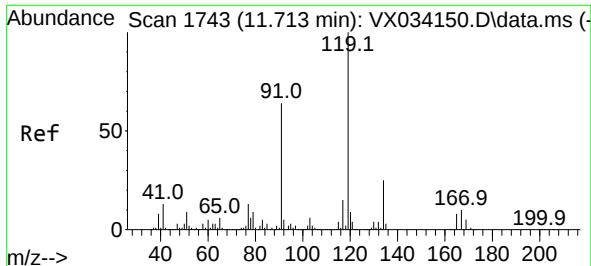
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#82
4-Chlorotoluene
Concen: 50.630 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

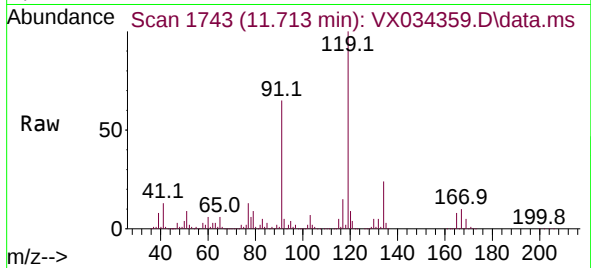
Tgt Ion: 91 Resp: 737398
Ion Ratio Lower Upper
91 100
126 28.6 15.8 47.4





#83
tert-Butylbenzene
Concen: 48.789 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

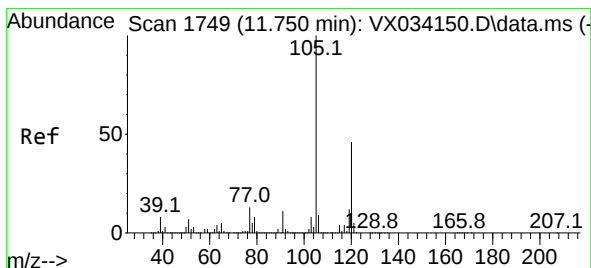
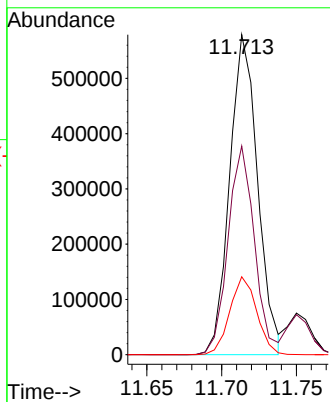
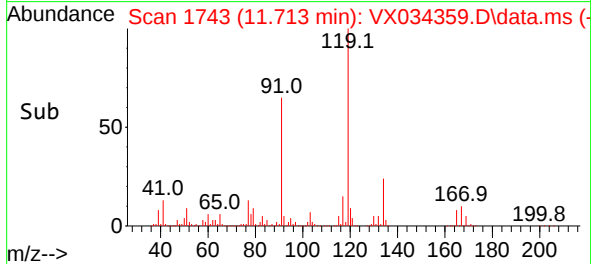
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



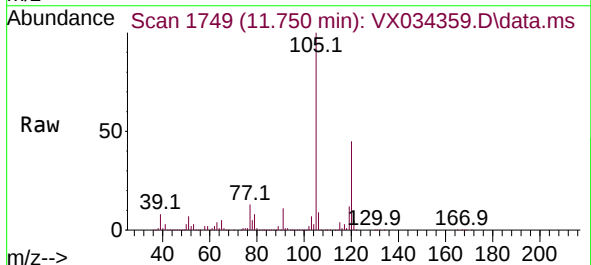
Tgt Ion:119 Resp: 753300
Ion Ratio Lower Upper
119 100
91 61.6 26.9 80.7
134 23.5 12.3 36.8

Manual Integrations
APPROVED

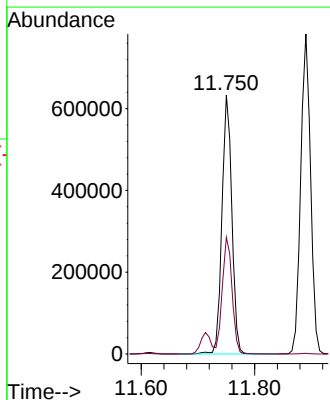
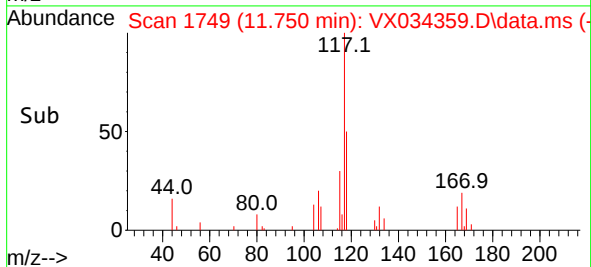
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

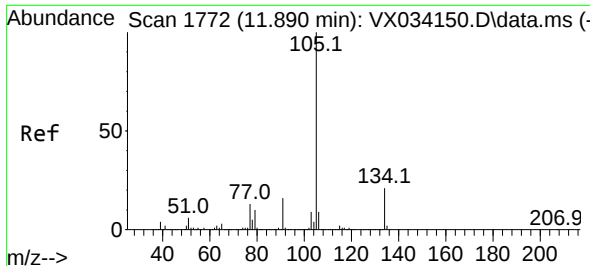


#84
1,2,4-Trimethylbenzene
Concen: 50.317 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44



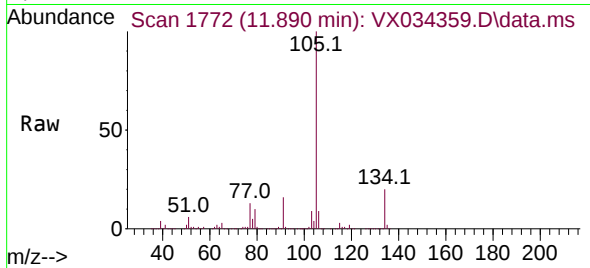
Tgt Ion:105 Resp: 766973
Ion Ratio Lower Upper
105 100
120 44.3 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.322 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44

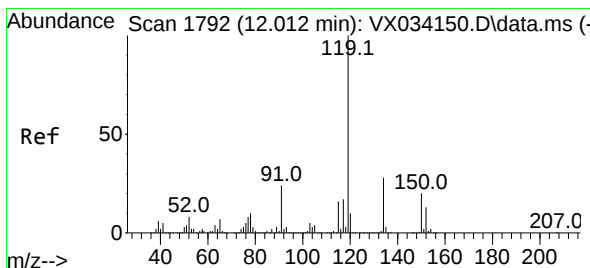
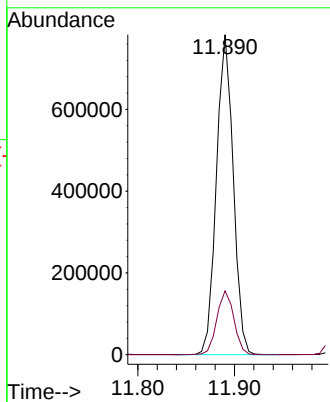
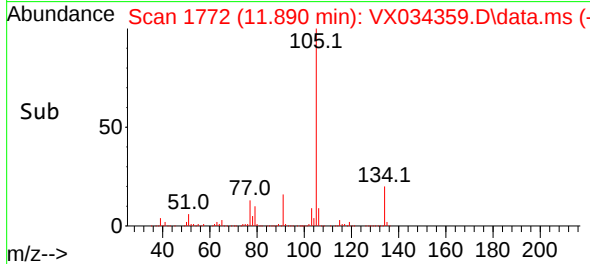
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



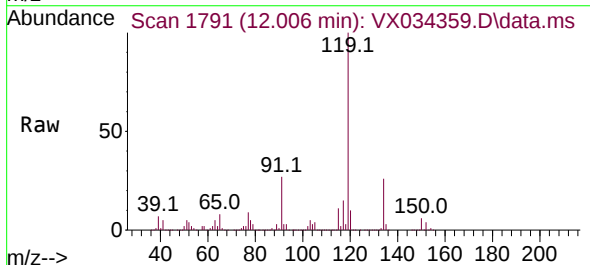
Tgt Ion:105 Resp: 94354
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.8 32.3

Manual Integrations
 APPROVED

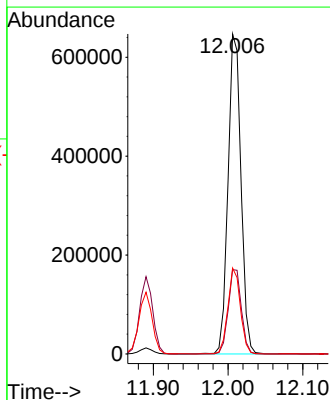
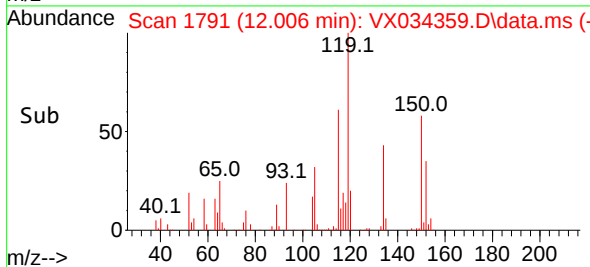
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

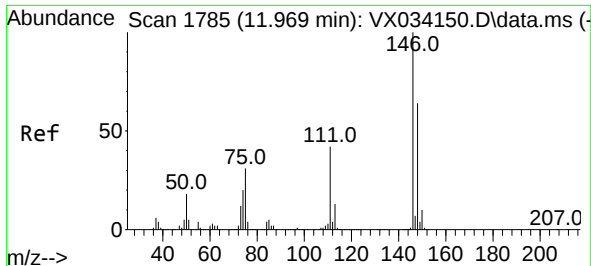


#86
 p-Isopropyltoluene
 Concen: 50.328 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034359.D
 Acq: 07 Mar 2023 09:44



Tgt Ion:119 Resp: 780954
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.9 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.615 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 409609

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.6

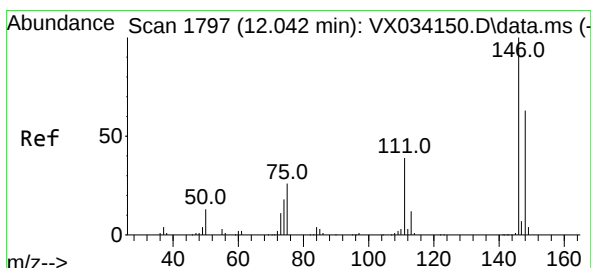
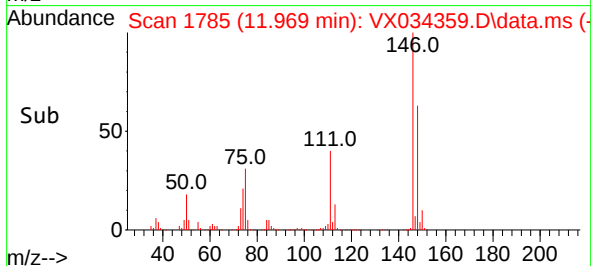
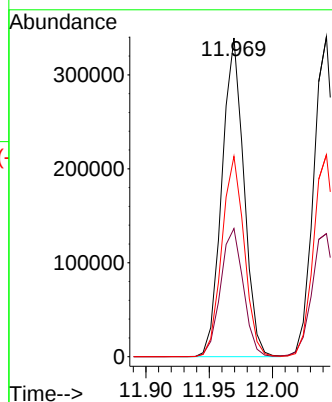
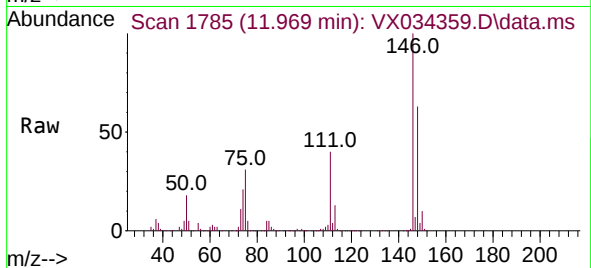
148 64.0 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#88

1,4-Dichlorobenzene

Concen: 50.121 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

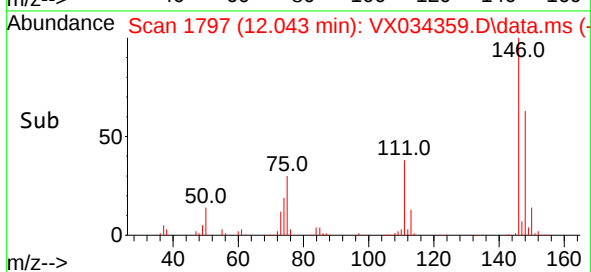
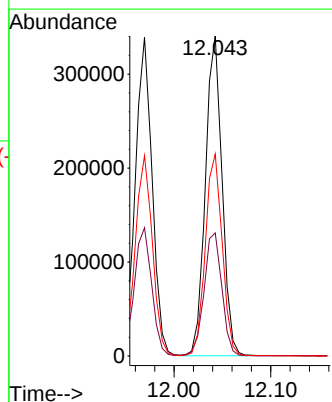
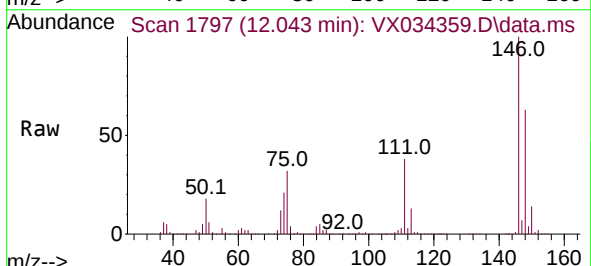
Tgt Ion:146 Resp: 409115

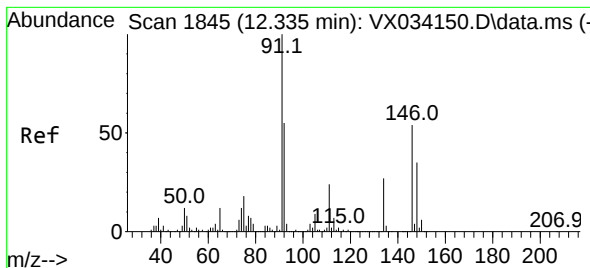
Ion Ratio Lower Upper

146 100

111 41.1 17.8 53.4

148 64.2 32.1 96.3





#89

n-Butylbenzene

Concen: 50.992 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 70474

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.5

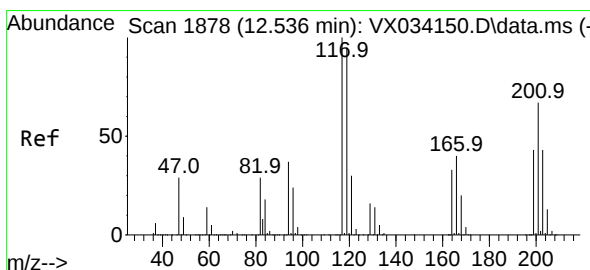
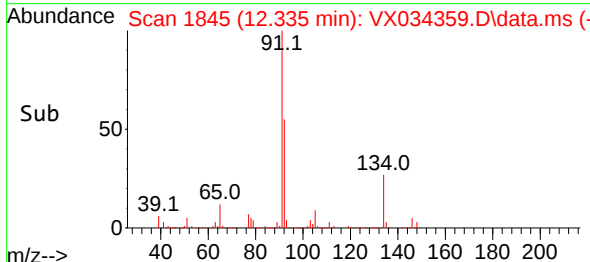
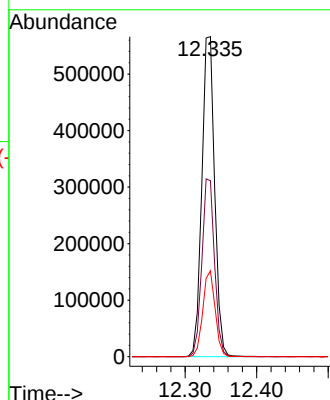
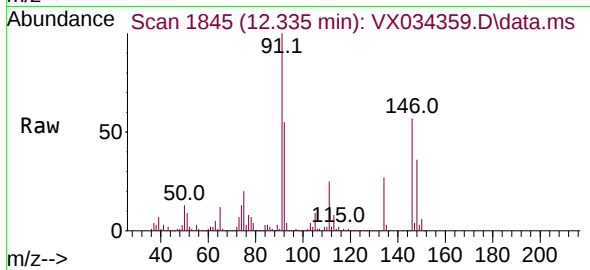
134 25.9 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#90

Hexachloroethane

Concen: 47.121 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034359.D

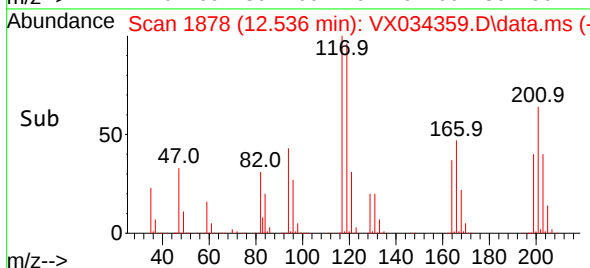
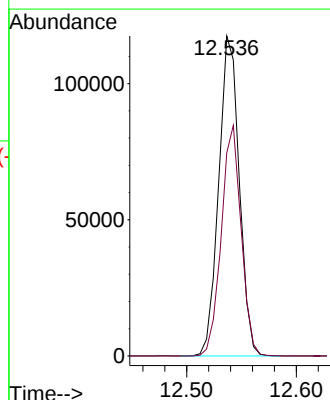
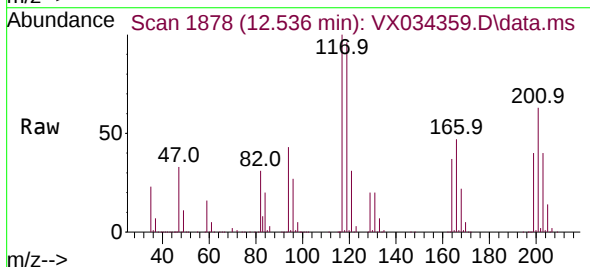
Acq: 07 Mar 2023 09:44

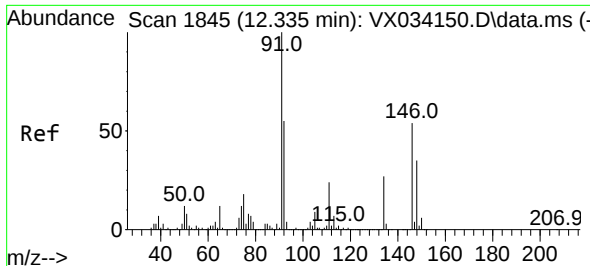
Tgt Ion:117 Resp: 152880

Ion Ratio Lower Upper

117 100

201 69.6 45.1 135.3





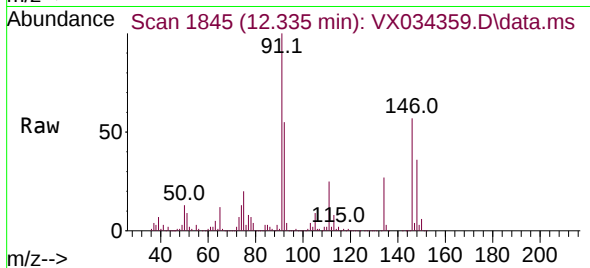
#91
1,2-Dichlorobenzene
Concen: 50.259 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



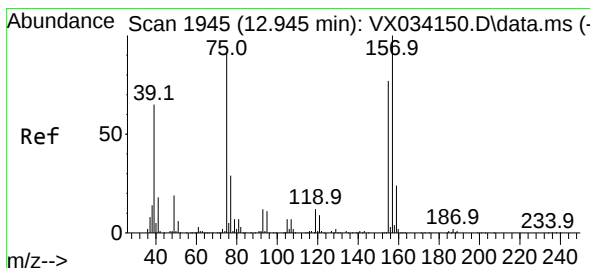
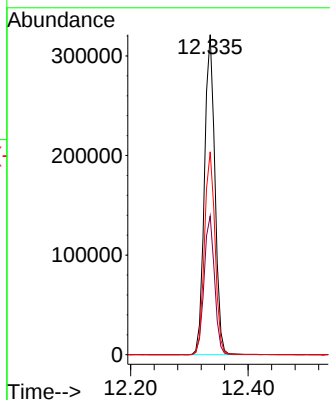
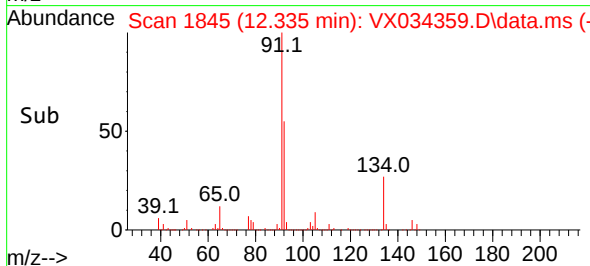
Tgt Ion:146 Resp: 39794
Ion Ratio Lower Upper
146 100
111 43.3 19.3 57.8
148 63.9 32.3 96.9

Manual Integrations

APPROVED

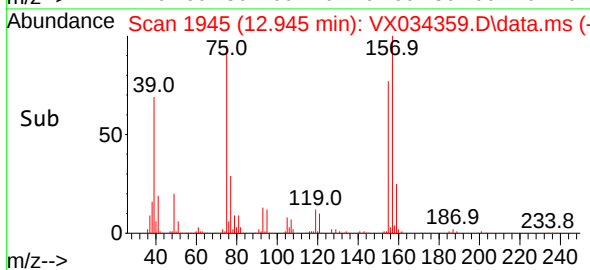
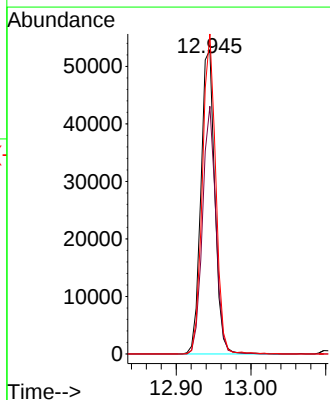
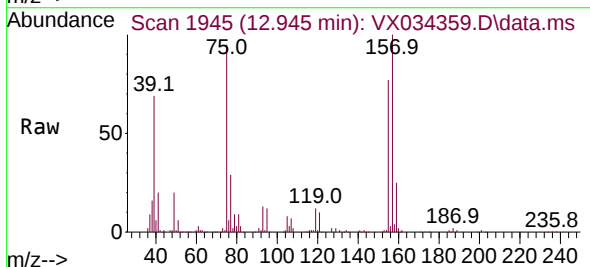
Reviewed By :John Carlone 03/08/2023

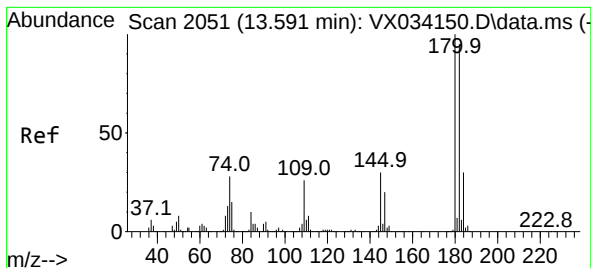
Supervised By :Mahesh Dadoda 03/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.674 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion: 75 Resp: 68259
Ion Ratio Lower Upper
75 100
155 77.9 51.7 155.1
157 101.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 49.042 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 24929

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.6

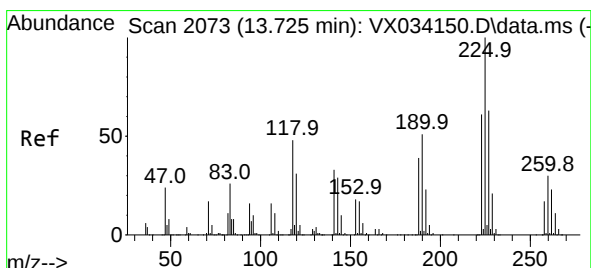
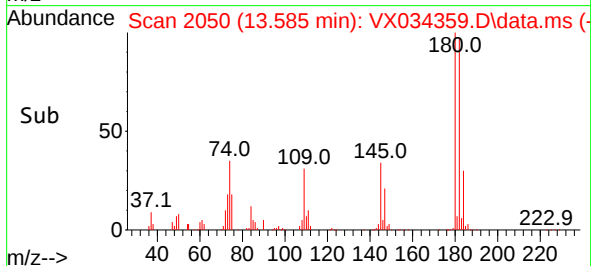
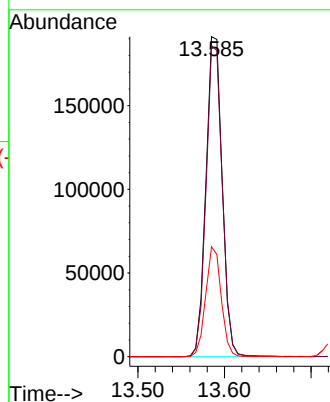
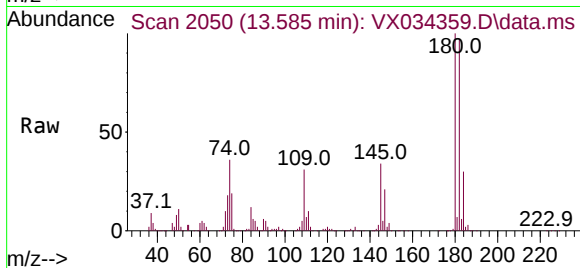
145 33.0 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#94

Hexachlorobutadiene

Concen: 48.527 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034359.D

Acq: 07 Mar 2023 09:44

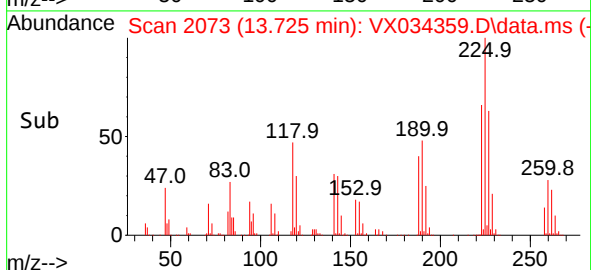
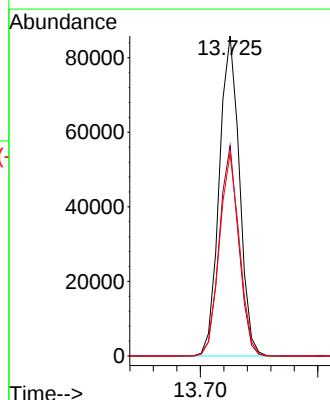
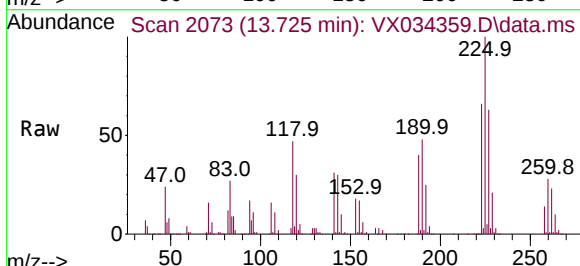
Tgt Ion:225 Resp: 102262

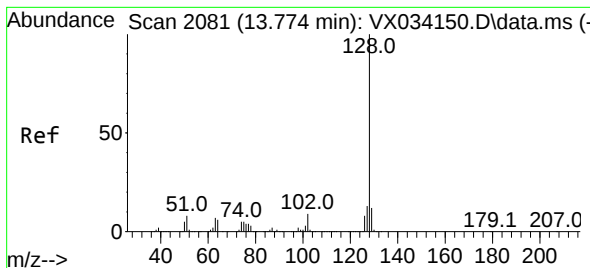
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.9

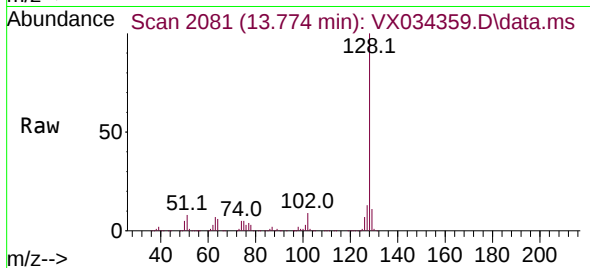
227 63.1 32.3 96.9





#95
Naphthalene
Concen: 49.526 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

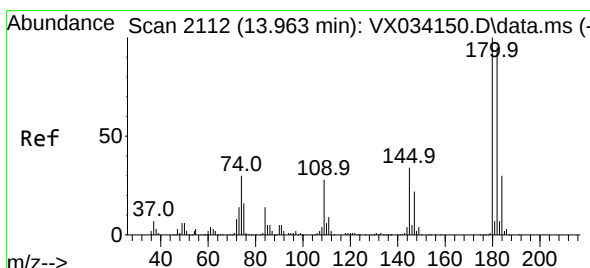
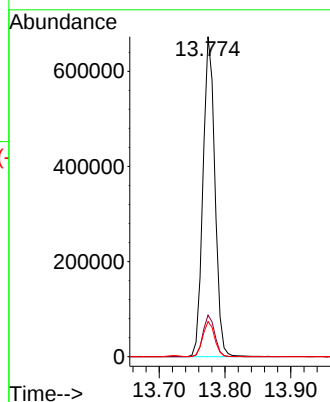
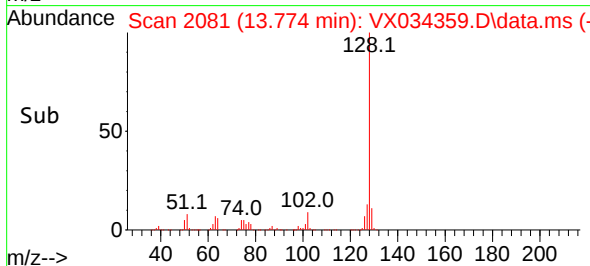
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 848109
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.788 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034359.D
Acq: 07 Mar 2023 09:44

Tgt Ion:180 Resp: 251264
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 34.3 15.1 45.3

