

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037649.D
 Acq On : 11 Sep 2023 18:37
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 12 08:53:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 08:46:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	177830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	318262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	286167	99.462	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 198.920%#			
35) Dibromofluoromethane	5.391	113	231221	102.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.000%#			
50) Toluene-d8	8.652	98	861985	101.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 202.640%#			
62) 4-Bromofluorobenzene	11.079	95	309187	100.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 201.460%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	178475	93.869	ug/l	98
3) Chloromethane	1.300	50	188819	84.673	ug/l	97
4) Vinyl Chloride	1.373	62	222158	90.522	ug/l	99
5) Bromomethane	1.599	94	199203	95.606	ug/l	100
6) Chloroethane	1.672	64	156630	93.625	ug/l	98
7) Trichlorofluoromethane	1.879	101	392063	95.590	ug/l	100
8) Diethyl Ether	2.135	74	161010	95.723	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.324	101	172690	93.800	ug/l	99
10) Methyl Iodide	2.446	142	218576	99.877	ug/l	95
11) Tert butyl alcohol	2.977	59	286119	490.864	ug/l #	91
12) 1,1-Dichloroethene	2.312	96	171877	95.033	ug/l	90
13) Acrolein	2.239	56	221627	473.049	ug/l	100
14) Allyl chloride	2.660	41	312377	97.062	ug/l #	96
15) Acrylonitrile	3.068	53	641198	473.871	ug/l	99
16) Acetone	2.385	43	530976	446.431	ug/l	91
17) Carbon Disulfide	2.507	76	439395	94.246	ug/l	100
18) Methyl Acetate	2.702	43	479677	96.227	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	730737	100.087	ug/l	99
20) Methylene Chloride	2.788	84	222452	100.183	ug/l	92
21) trans-1,2-Dichloroethene	3.086	96	207831	96.904	ug/l	93
22) Diisopropyl ether	3.763	45	705674	100.459	ug/l	86
23) Vinyl Acetate	3.727	43	2692003	522.337	ug/l	96
24) 1,1-Dichloroethane	3.611	63	401347	97.661	ug/l	99
25) 2-Butanone	4.562	43	903665	473.214	ug/l	92
26) 2,2-Dichloropropane	4.476	77	295537	103.860	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	256162	99.881	ug/l	92
28) Bromochloromethane	4.897	49	197703	94.874	ug/l	89
29) Tetrahydrofuran	5.007	42	604684	492.334	ug/l	91
30) Chloroform	5.098	83	442978	99.419	ug/l	99
31) Cyclohexane	5.470	56	323305	97.584	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	380676	101.718	ug/l	99
36) 1,1-Dichloropropene	5.690	75	300052	96.452	ug/l	98
37) Ethyl Acetate	4.714	43	362205	100.802	ug/l	98
38) Carbon Tetrachloride	5.677	117	317468	102.179	ug/l	97
39) Methylcyclohexane	7.378	83	360703	98.580	ug/l	96
40) Benzene	6.037	78	935586	98.907	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.921	41	191666	100.555	ug/l	91
42) 1,2-Dichloroethane	6.086	62	358210	97.725	ug/l	98
43) Isopropyl Acetate	6.342	43	581876	102.598	ug/l	97
44) Trichloroethene	7.128	130	232053	100.514	ug/l	99
45) 1,2-Dichloropropane	7.433	63	246837	99.448	ug/l	98
46) Dibromomethane	7.579	93	181154	100.038	ug/l	98
47) Bromodichloromethane	7.823	83	349120	107.567	ug/l	97
48) Methyl methacrylate	7.695	41	278881	100.684	ug/l	88
49) 1,4-Dioxane	7.665	88	129273	1873.758	ug/l #	89
51) 4-Methyl-2-Pentanone	8.579	43	1804359	482.530	ug/l	95
52) Toluene	8.720	92	601183	100.442	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	374480	114.373	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	395587	110.572	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	256389	99.619	ug/l	94
56) Ethyl methacrylate	9.116	69	406472	105.091	ug/l	93
57) 1,3-Dichloropropane	9.311	76	419529	97.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1000781	536.096	ug/l	99
59) 2-Hexanone	9.433	43	1400028	488.117	ug/l	93
60) Dibromochloromethane	9.524	129	274331	109.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	277694	102.322	ug/l	99
64) Tetrachloroethene	9.274	164	194572	99.369	ug/l	99
65) Chlorobenzene	10.079	112	640548	97.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	242071	105.260	ug/l	98
67) Ethyl Benzene	10.195	91	1165372	99.447	ug/l	100
68) m/p-Xylenes	10.305	106	898640	201.258	ug/l	98
69) o-Xylene	10.646	106	449135	101.440	ug/l	98
70) Styrene	10.658	104	748191	102.426	ug/l	97
71) Bromoform	10.798	173	198560	112.948	ug/l #	100
73) Isopropylbenzene	10.963	105	1146669	98.108	ug/l	98
74) N-amyl acetate	10.841	43	527517	102.670	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	422798	95.409	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	324458m	94.100	ug/l	
77) Bromobenzene	11.201	156	276546	98.590	ug/l	93
78) n-propylbenzene	11.304	91	1331563	98.710	ug/l	99
79) 2-Chlorotoluene	11.365	91	795258	95.862	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	987959	100.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	128488	114.388	ug/l	89
82) 4-Chlorotoluene	11.457	91	927129	98.193	ug/l	98
83) tert-Butylbenzene	11.713	119	985992	100.155	ug/l	95
84) 1,2,4-Trimethylbenzene	11.749	105	990705	99.907	ug/l	98
85) sec-Butylbenzene	11.890	105	1215755	99.637	ug/l	100
86) p-Isopropyltoluene	12.012	119	1019690	101.482	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	517514	97.104	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	526229	96.488	ug/l	98
89) n-Butylbenzene	12.335	91	928825	103.262	ug/l	98
90) Hexachloroethane	12.542	117	181932	107.096	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	524129	96.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	96334	103.506	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	330460	104.981	ug/l	97
94) Hexachlorobutadiene	13.725	225	132682	97.255	ug/l	99
95) Naphthalene	13.773	128	1204527	105.711	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	336135	103.552	ug/l	98

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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

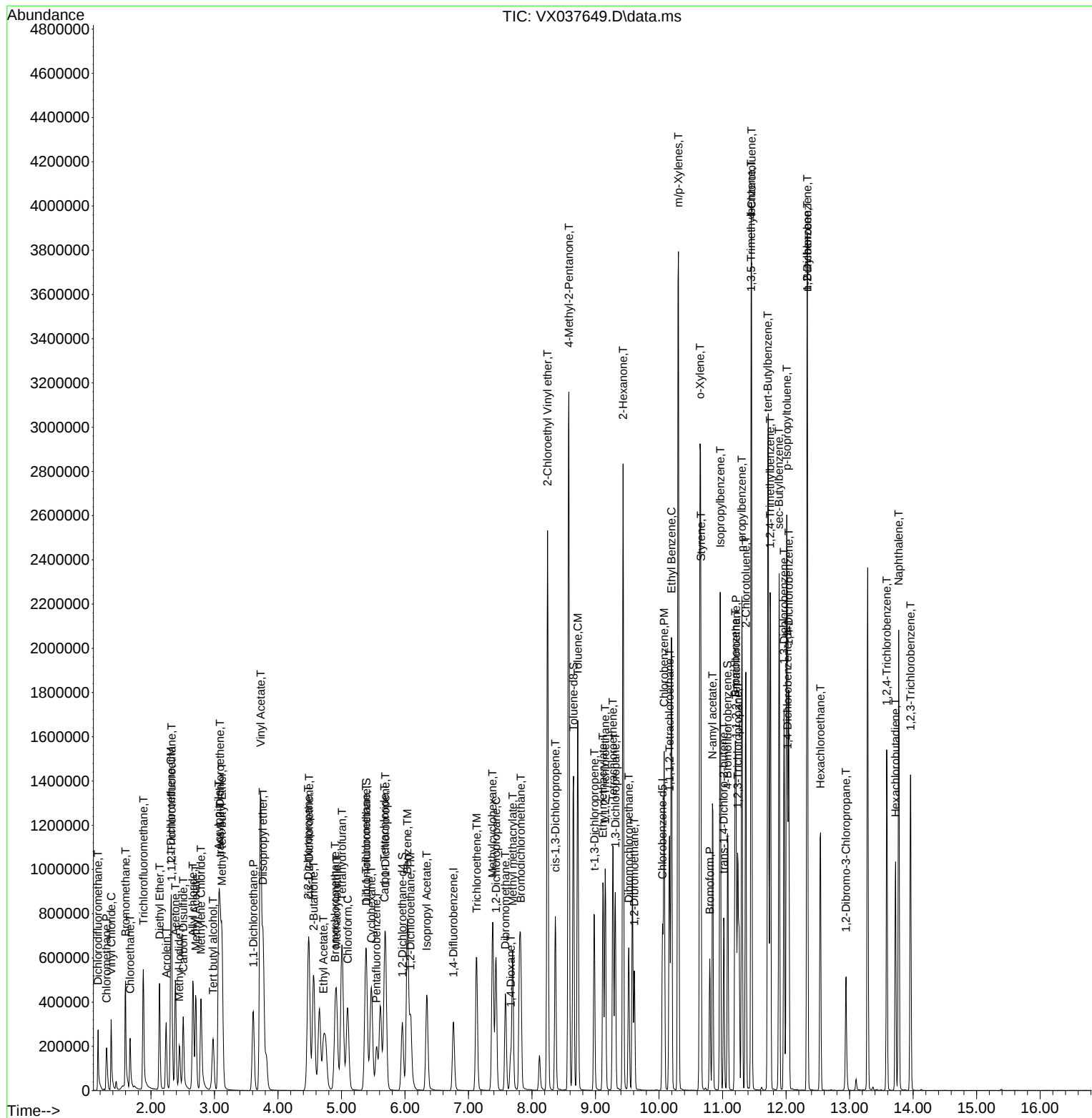
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
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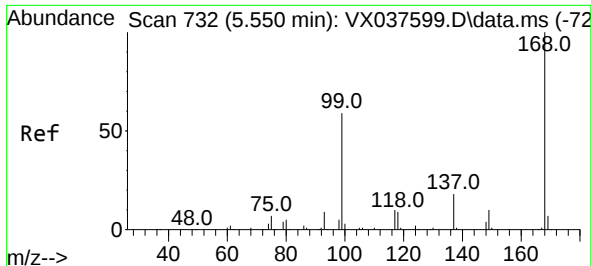
Instrument :
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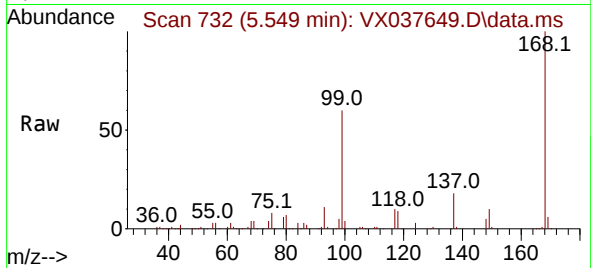
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

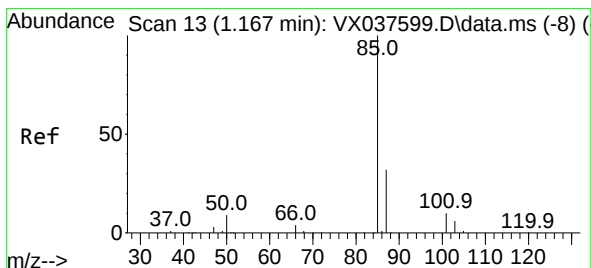
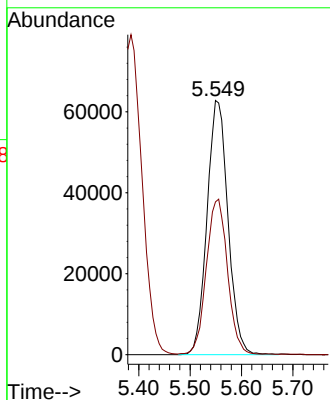
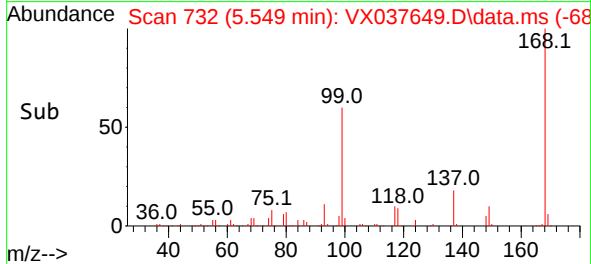
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 177830
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

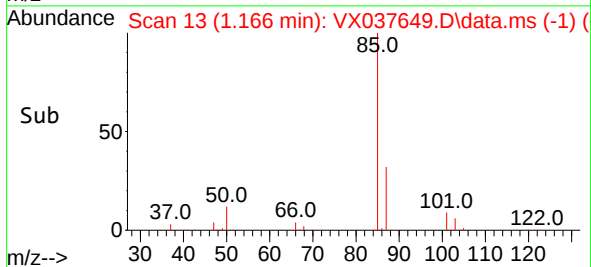
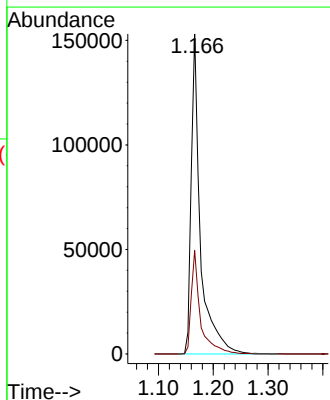
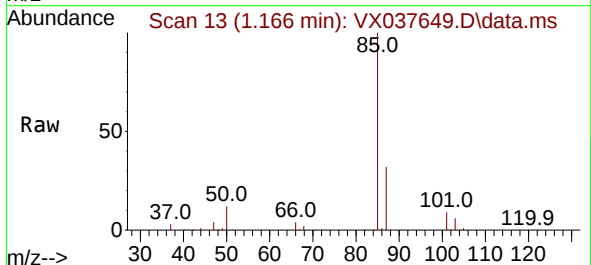
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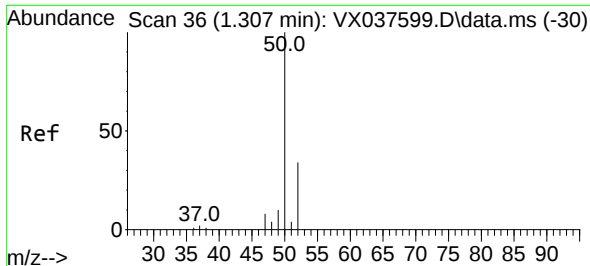
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 93.869 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

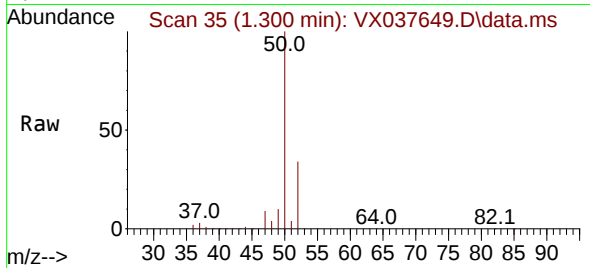
Tgt Ion: 85 Resp: 178475
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 84.673 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.007 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

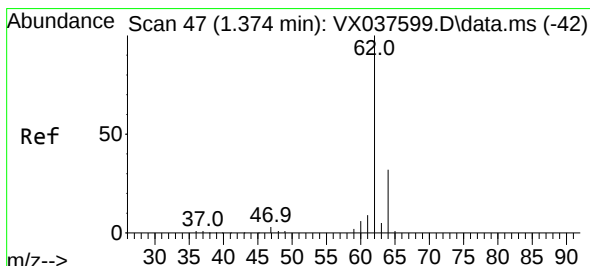
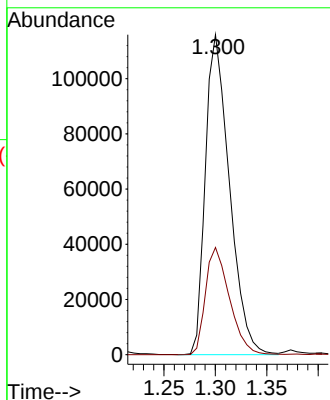
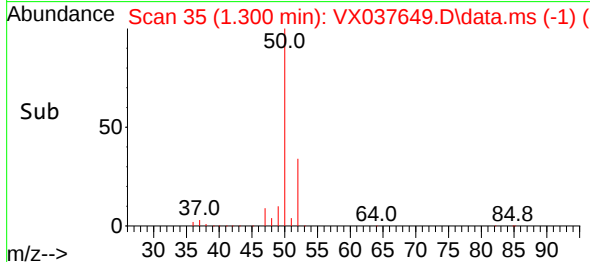
Instrument :
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ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 188819
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

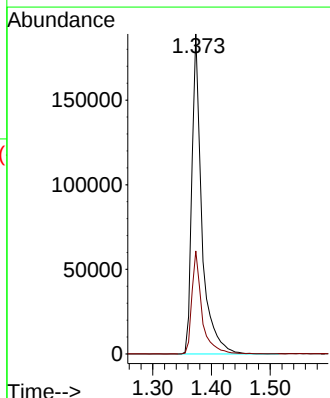
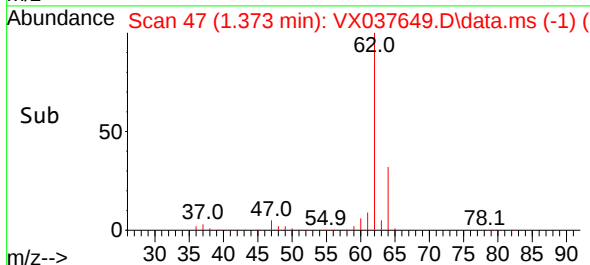
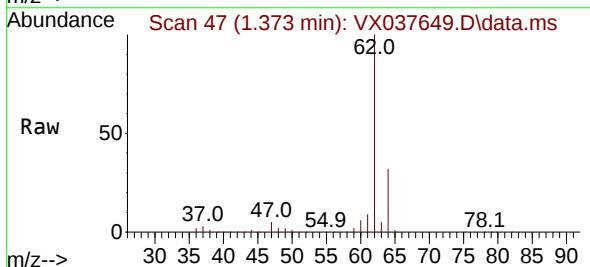
Manual Integrations
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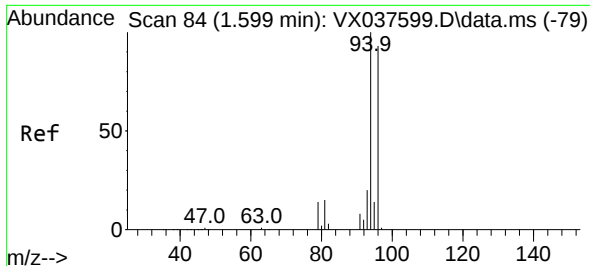
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 90.522 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

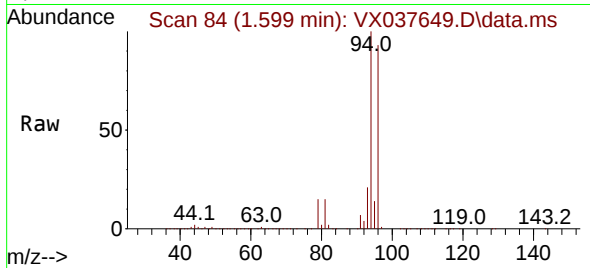
Tgt Ion: 62 Resp: 222158
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 95.606 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

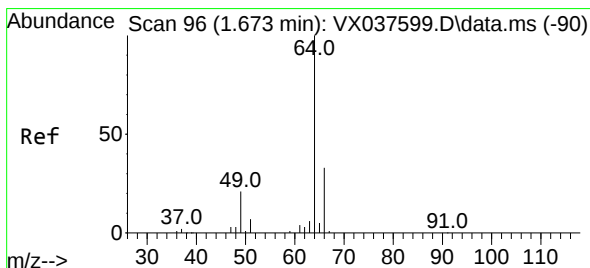
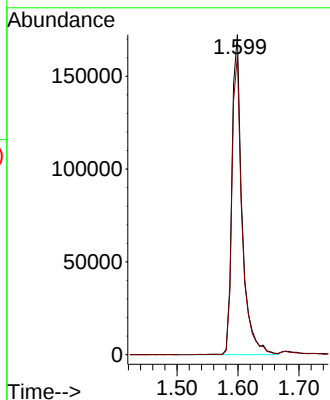
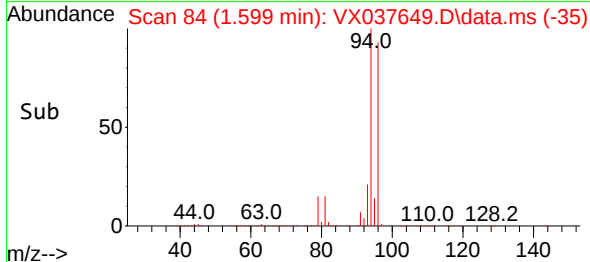
Instrument :
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Tgt Ion: 94 Resp: 19920
Ion Ratio Lower Upper
94 100
96 93.5 74.6 111.8

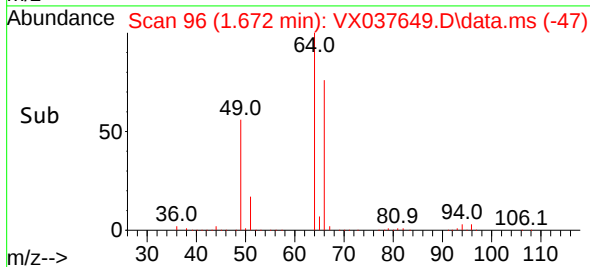
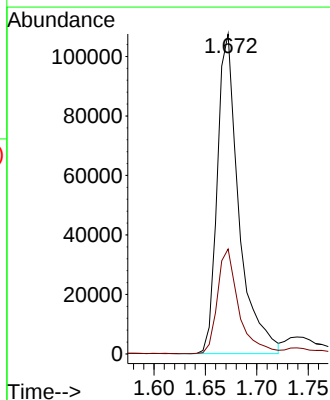
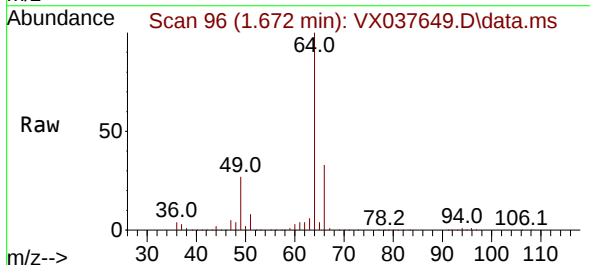
Manual Integrations
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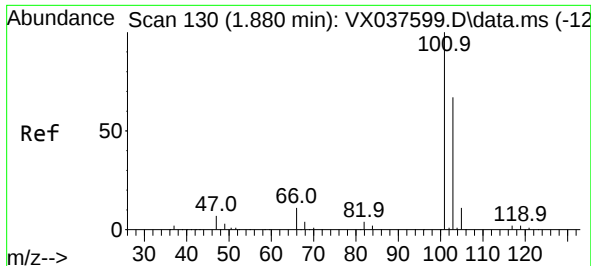
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 93.625 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

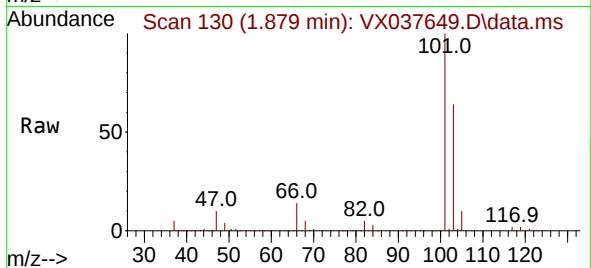
Tgt Ion: 64 Resp: 156630
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 95.590 ug/l
RT: 1.879 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

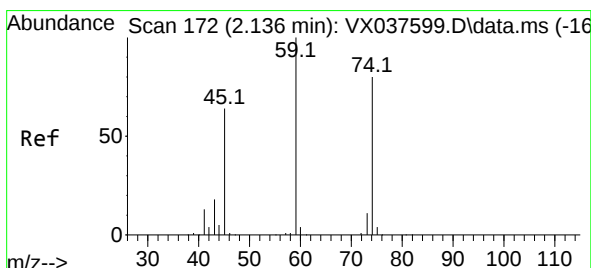
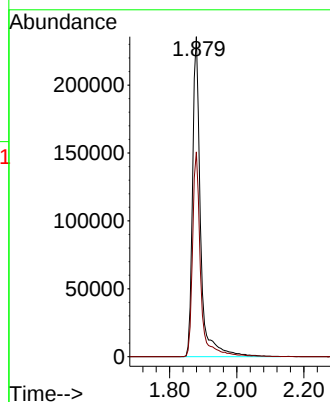
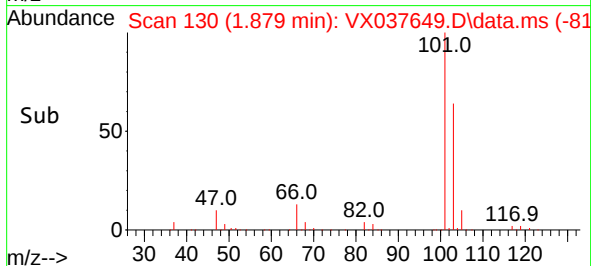
Instrument :
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Tgt Ion:101 Resp: 39206
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

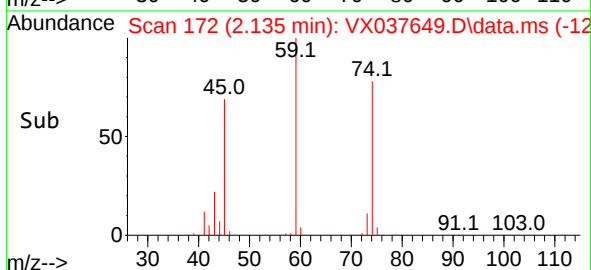
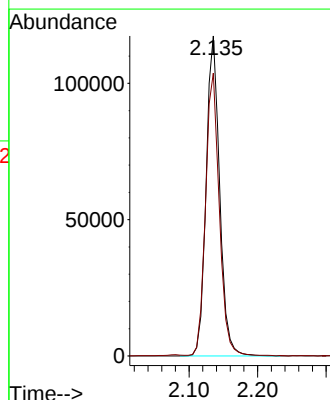
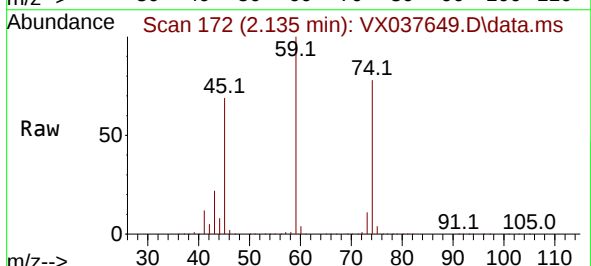
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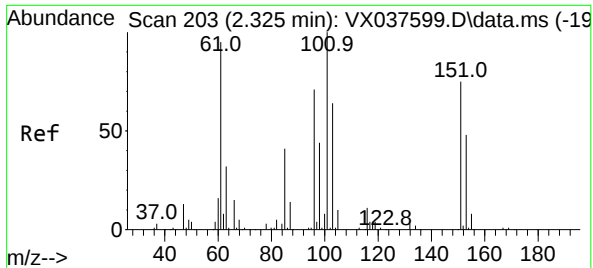
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#8
Diethyl Ether
Concen: 95.723 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 74 Resp: 161010
Ion Ratio Lower Upper
74 100
45 90.4 53.3 159.8





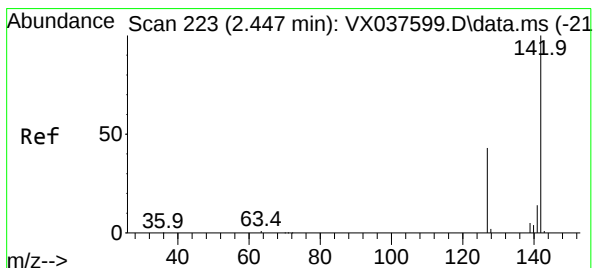
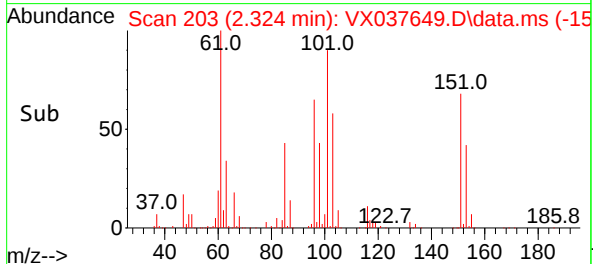
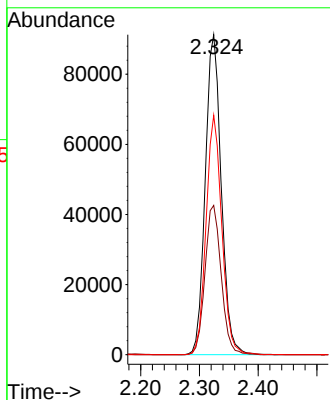
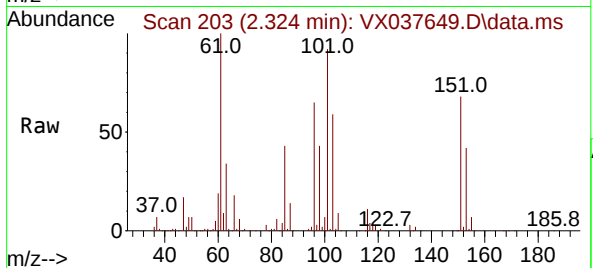
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.800 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 172690
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 73.8 58.6 87.8

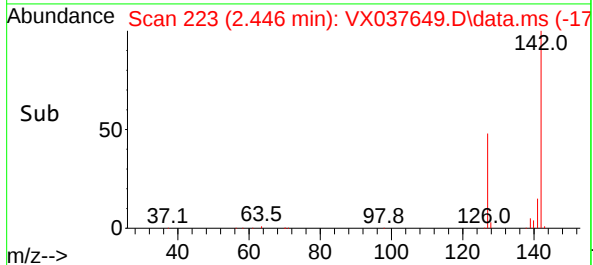
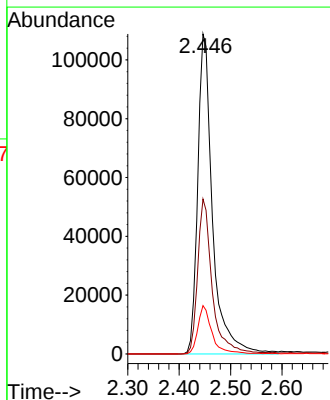
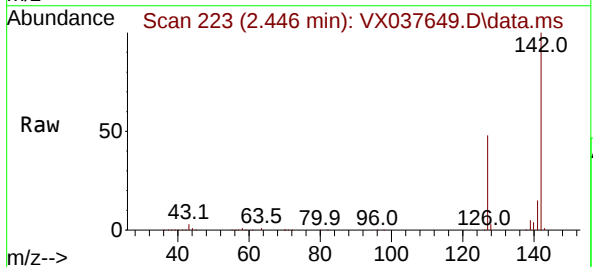
Manual Integrations
APPROVED

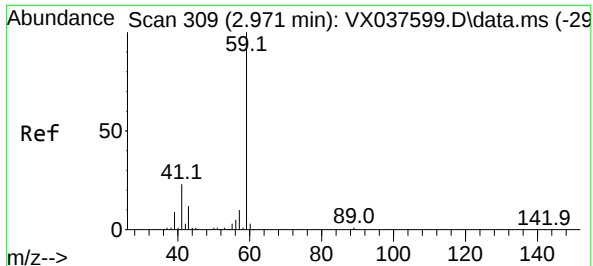
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 99.877 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion:142 Resp: 218576
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 14.5 11.6 17.4





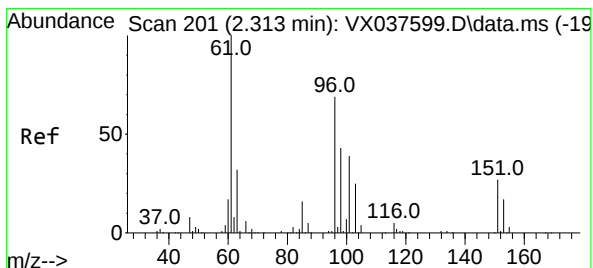
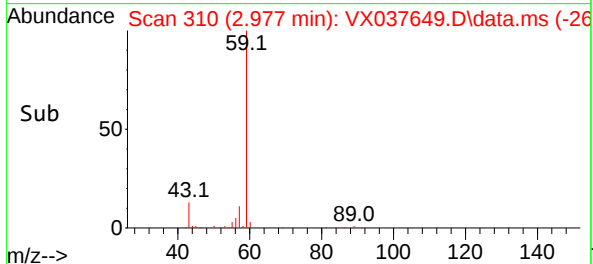
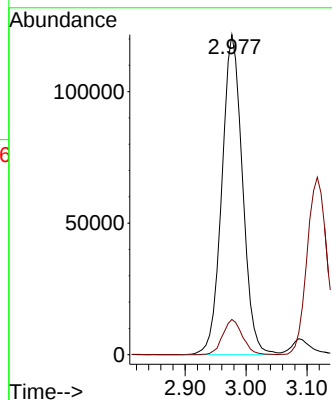
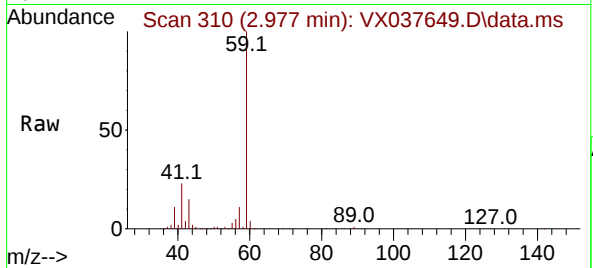
#11
Tert butyl alcohol
Concen: 490.864 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 286119
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

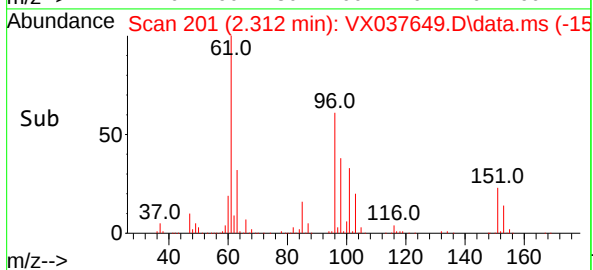
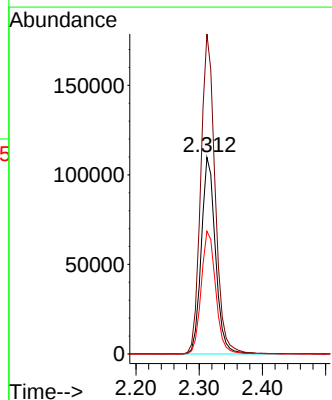
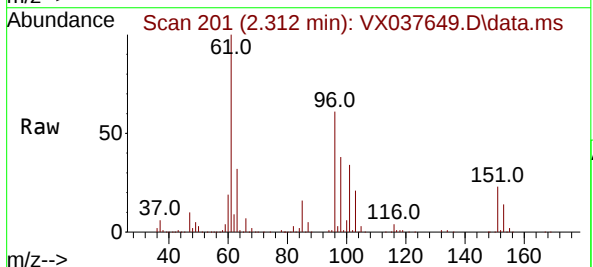
Manual Integrations
APPROVED

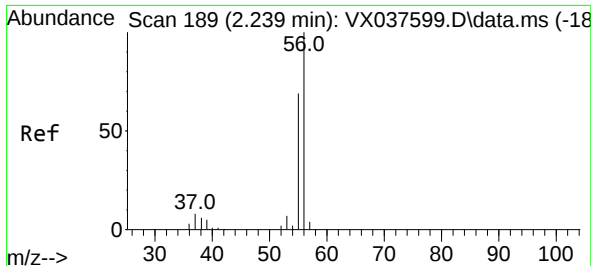
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 95.033 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

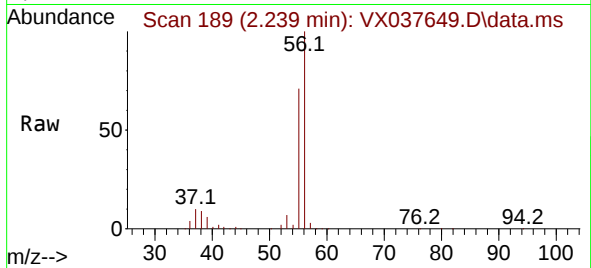
Tgt Ion: 96 Resp: 171877
Ion Ratio Lower Upper
96 100
61 162.7 144.6 216.8
98 62.4 50.4 75.6





#13
Acrolein
Concen: 473.049 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

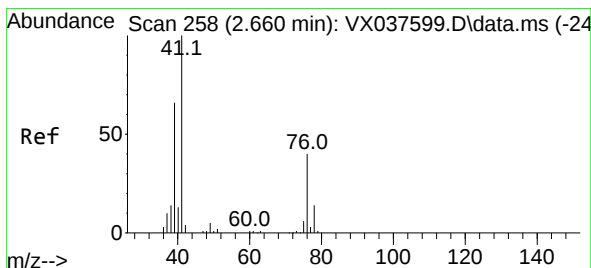
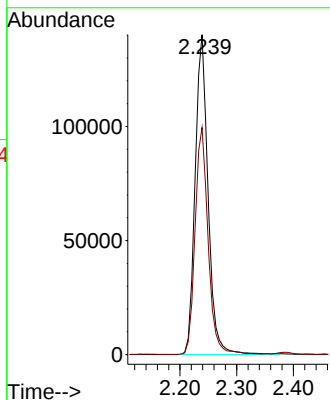
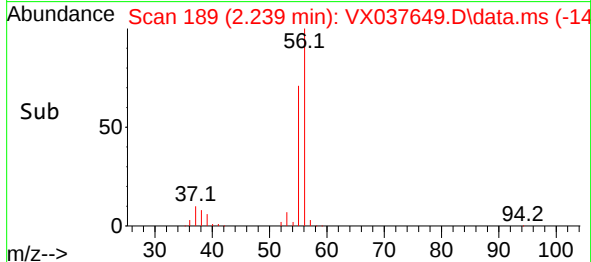
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 22162
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

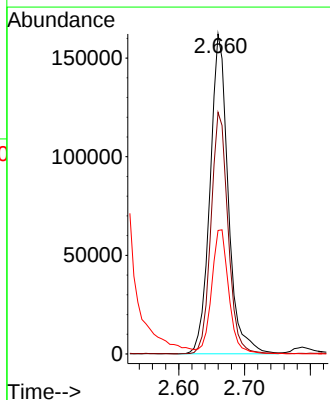
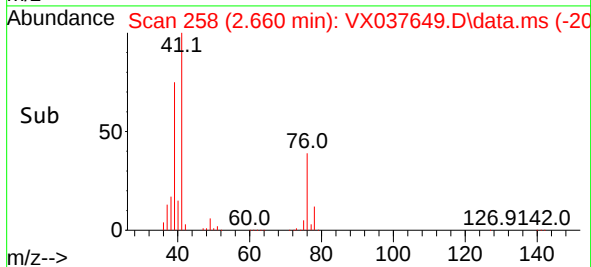
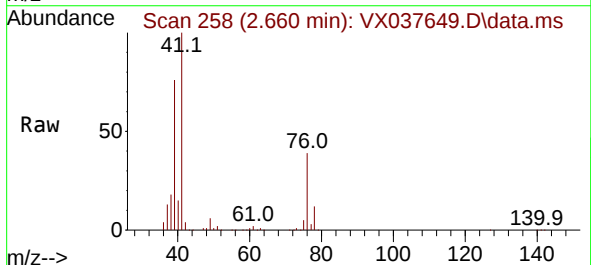
Manual Integrations
APPROVED

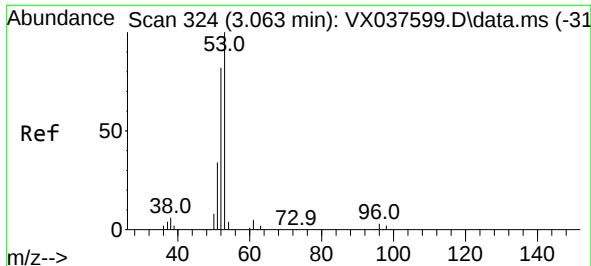
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 97.062 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

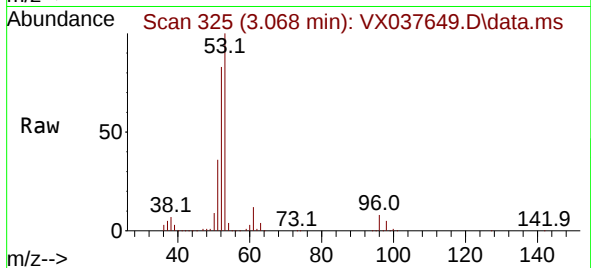
Tgt Ion: 41 Resp: 312377
Ion Ratio Lower Upper
41 100
39 70.8 55.8 83.6
76 36.6 24.3 36.5





#15
Acrylonitrile
Concen: 473.871 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

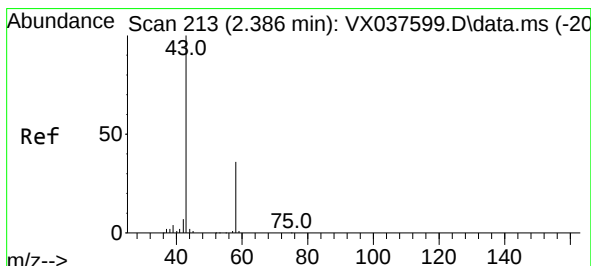
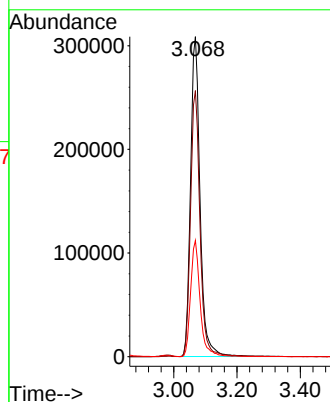
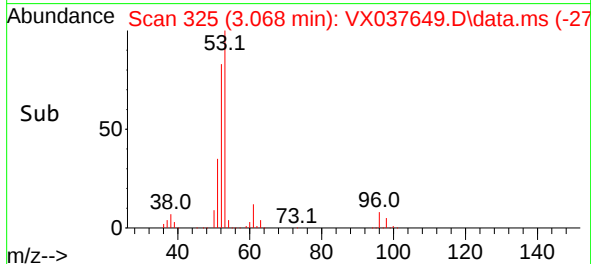
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 641198
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.4 29.8 44.6

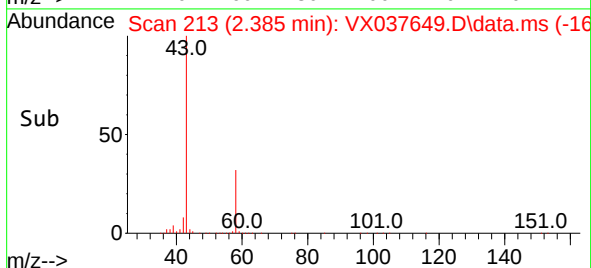
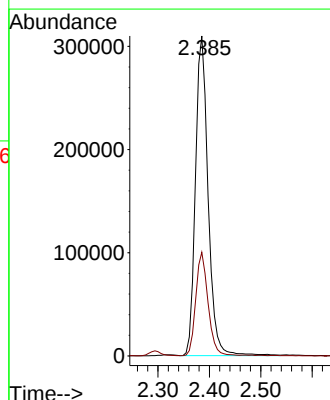
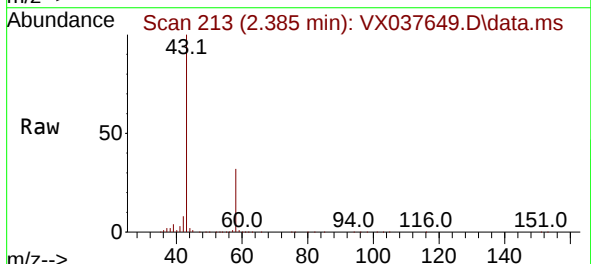
Manual Integrations
APPROVED

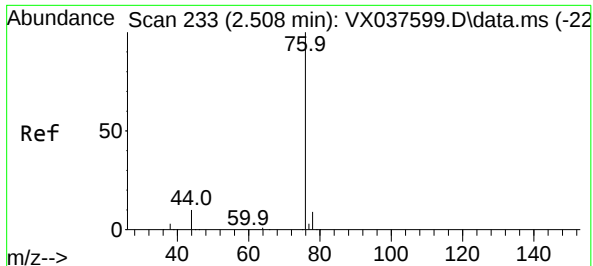
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 446.431 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 43 Resp: 530976
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17

Carbon Disulfide

Concen: 94.246 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 43939

Ion Ratio Lower Upper

76 100

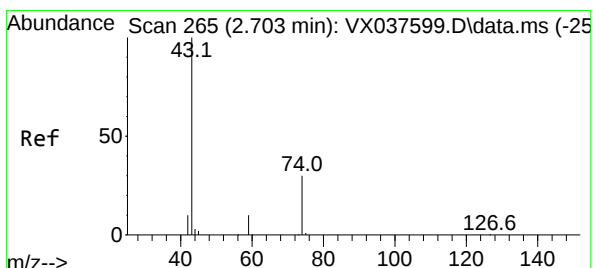
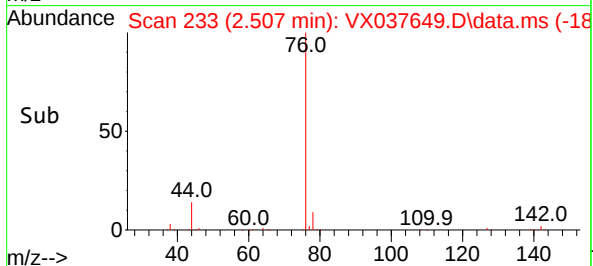
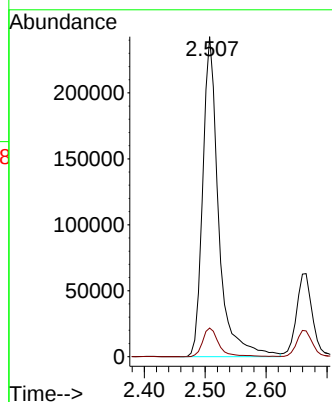
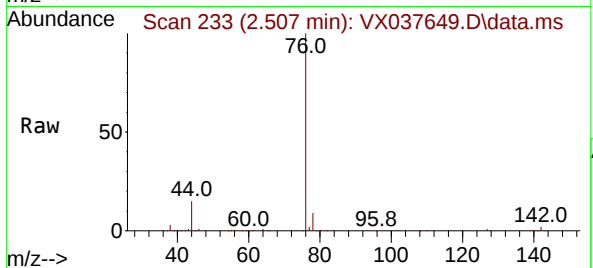
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#18

Methyl Acetate

Concen: 96.227 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.001 min

Lab File: VX037649.D

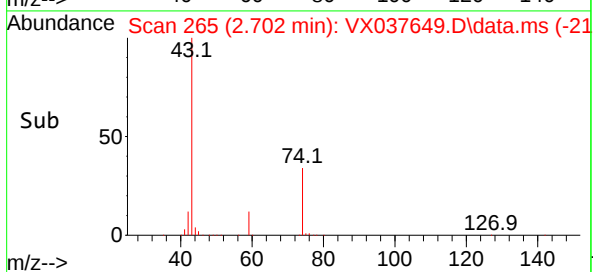
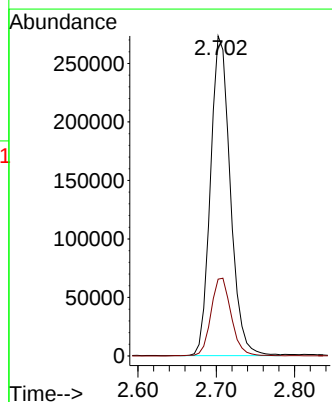
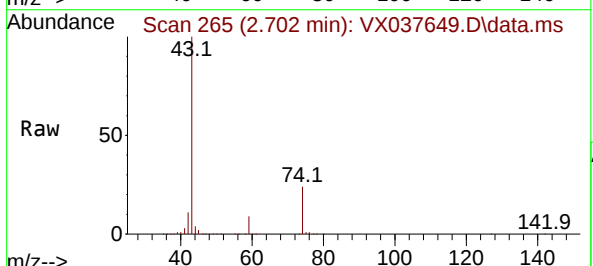
Acq: 11 Sep 2023 18:37

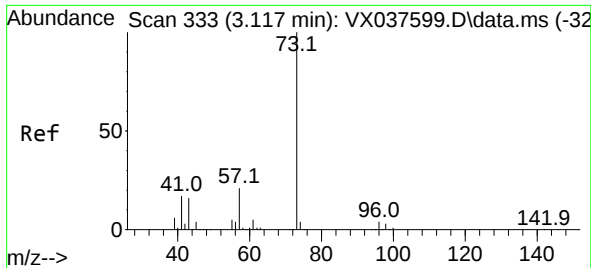
Tgt Ion: 43 Resp: 479677

Ion Ratio Lower Upper

43 100

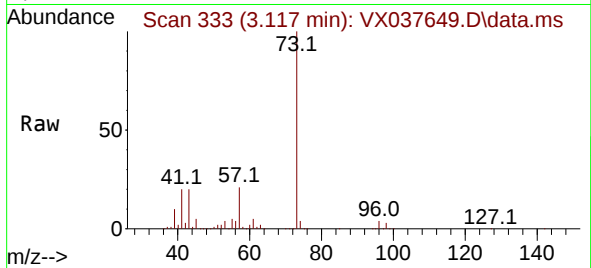
74 25.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 100.087 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

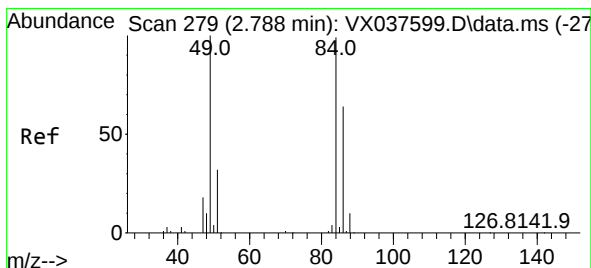
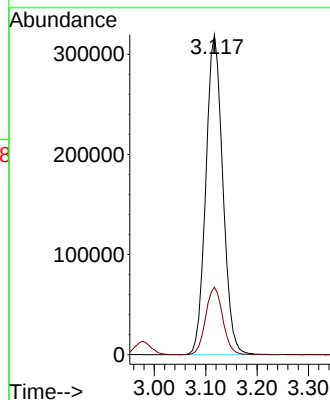
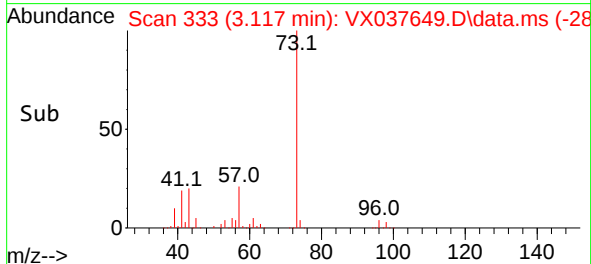
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 73073
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

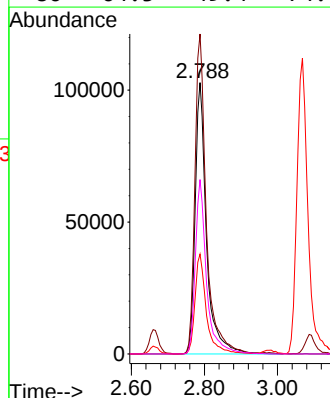
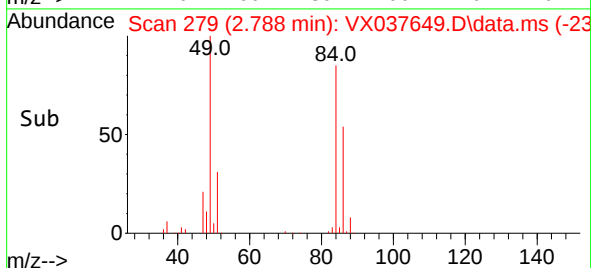
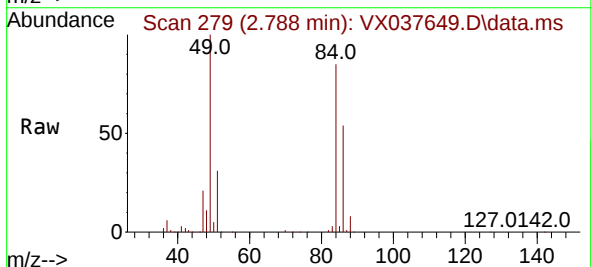
Manual Integrations
APPROVED

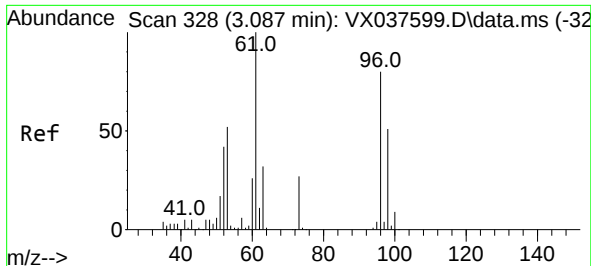
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 100.183 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

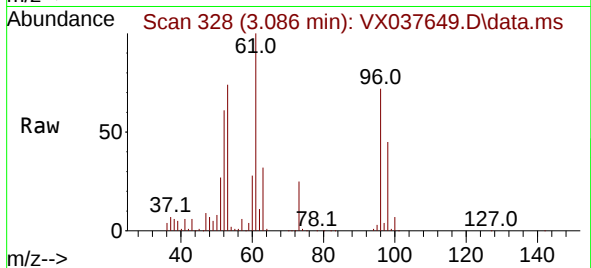
Tgt Ion: 84 Resp: 222452
Ion Ratio Lower Upper
84 100
49 117.9 103.6 155.4
51 36.8 33.8 50.6
86 64.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 96.904 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

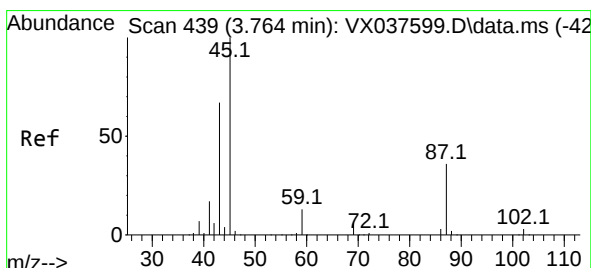
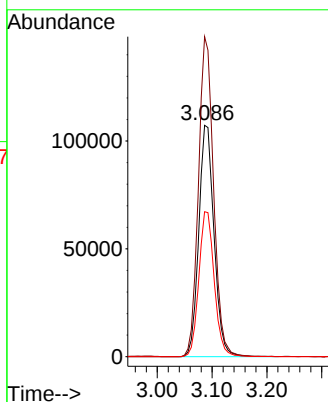
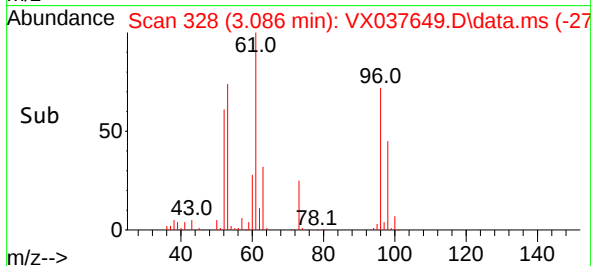
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 20783
Ion Ratio Lower Upper
96 100
61 138.3 119.2 178.8
98 62.7 48.7 73.1

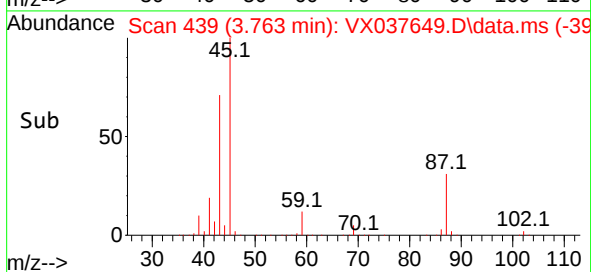
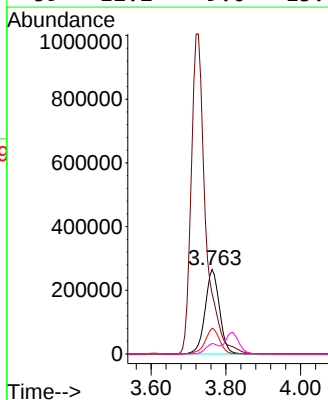
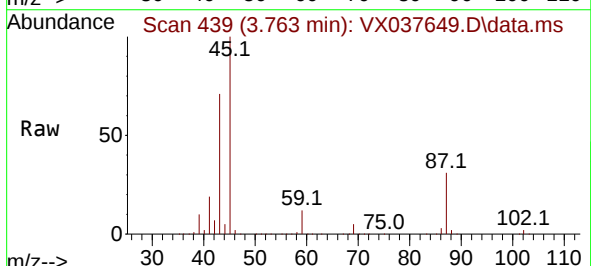
Manual Integrations
APPROVED

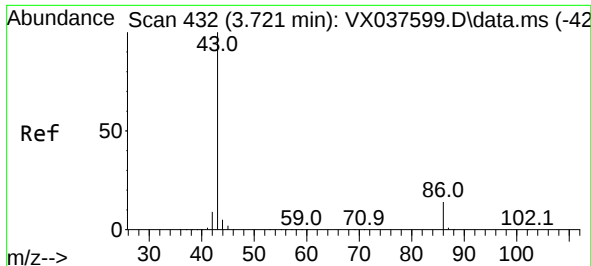
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 100.459 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 45 Resp: 705674
Ion Ratio Lower Upper
45 100
43 71.1 69.7 104.5
87 30.5 20.8 31.2
59 12.2 9.0 13.4





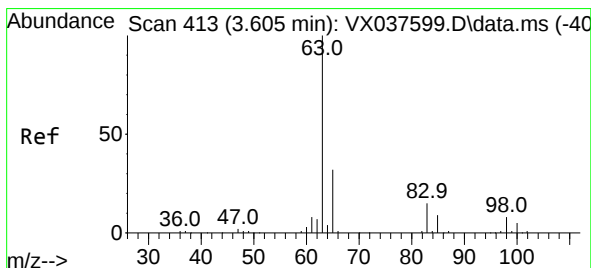
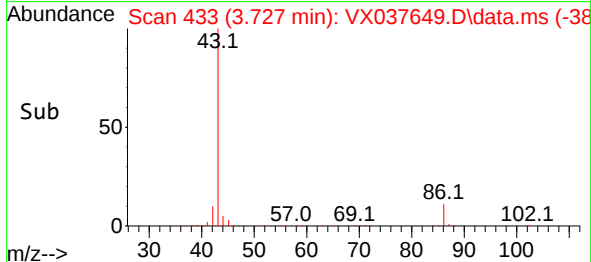
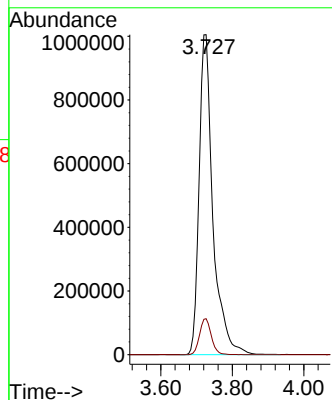
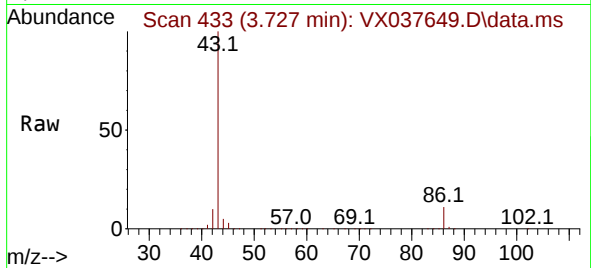
#23
 Vinyl Acetate
 Concen: 522.337 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 269200
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8

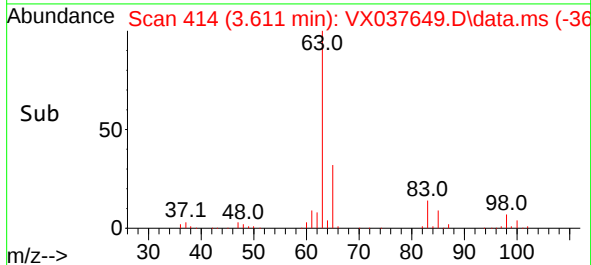
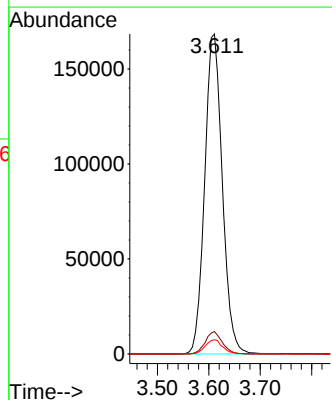
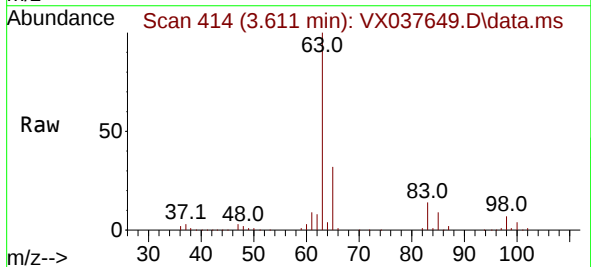
Manual Integrations
 APPROVED

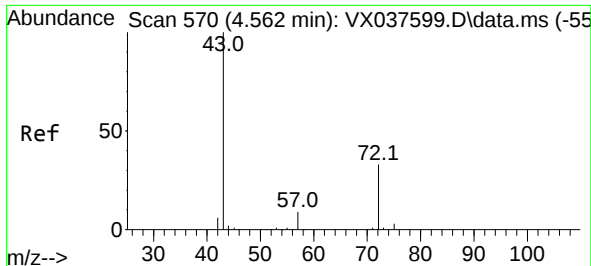
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 97.661 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37

Tgt Ion: 63 Resp: 401347
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.4 2.1 6.5





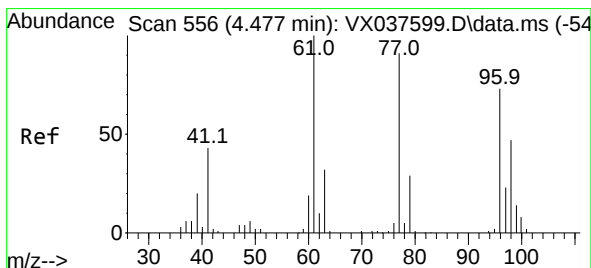
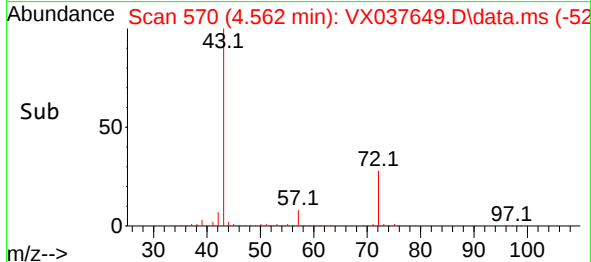
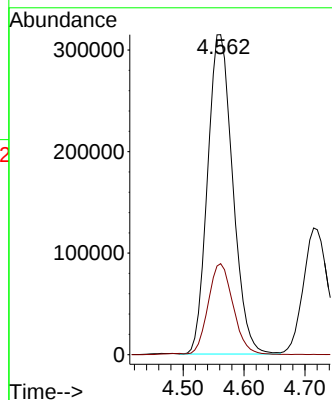
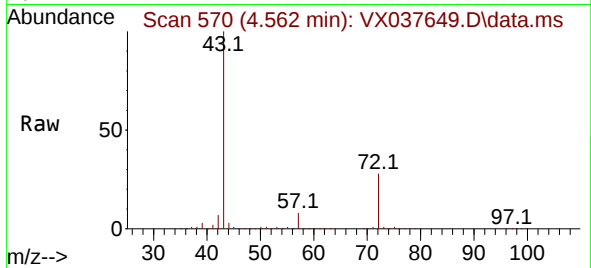
#25
2-Butanone
Concen: 473.214 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 90366
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

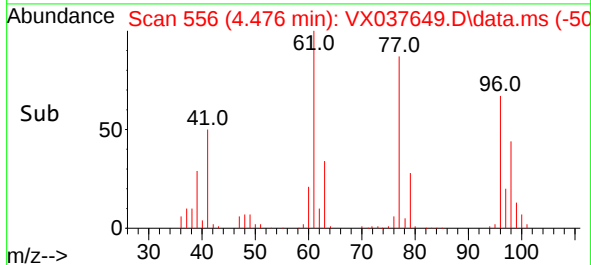
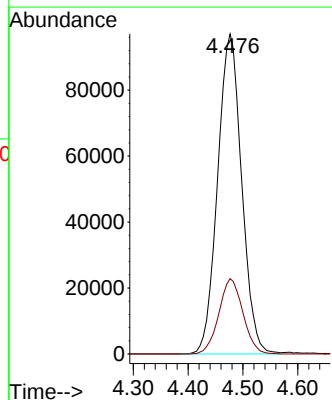
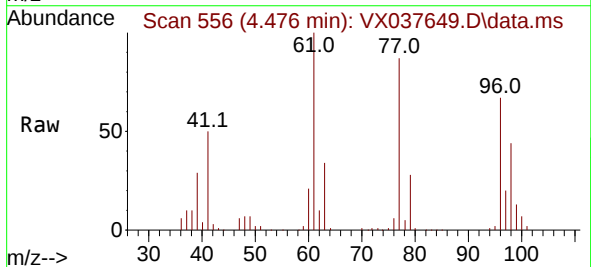
Manual Integrations
APPROVED

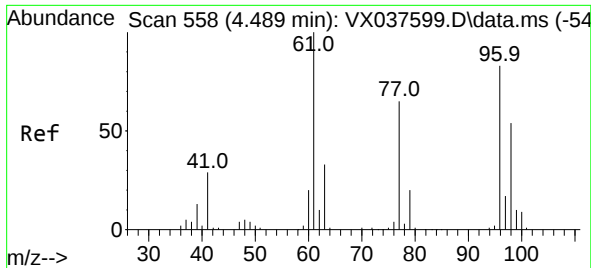
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 103.860 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

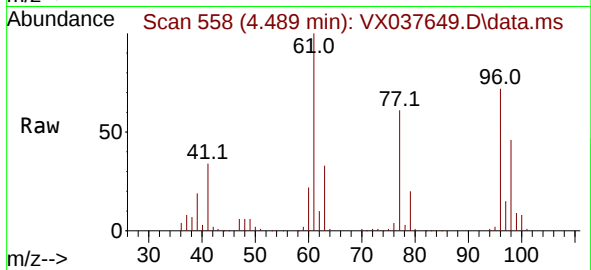
Tgt Ion: 77 Resp: 295537
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 99.881 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.001 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37

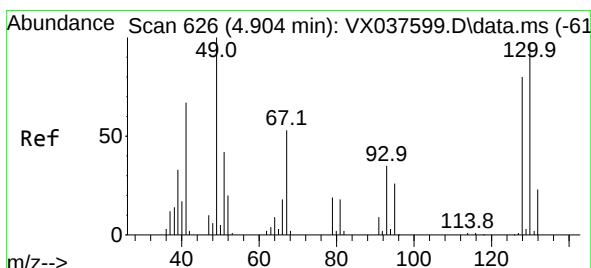
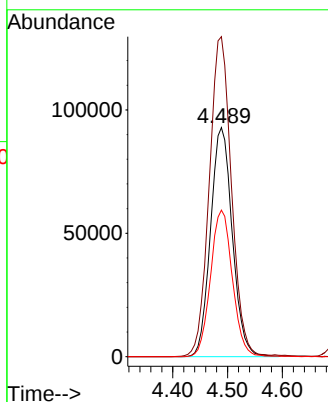
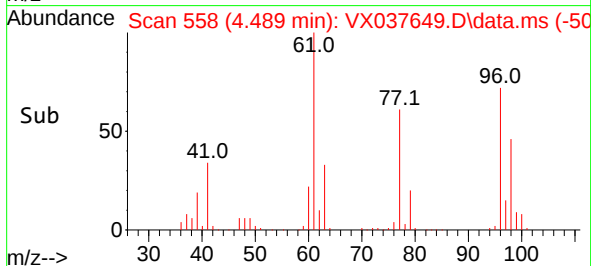
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



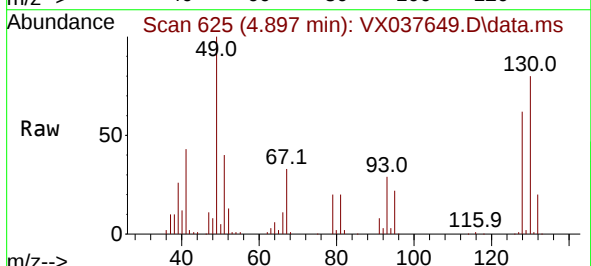
Tgt Ion: 96 Resp: 256162
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 312.2
 98 64.2 0.0 129.0

Manual Integrations
 APPROVED

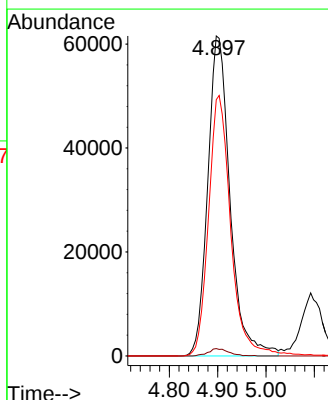
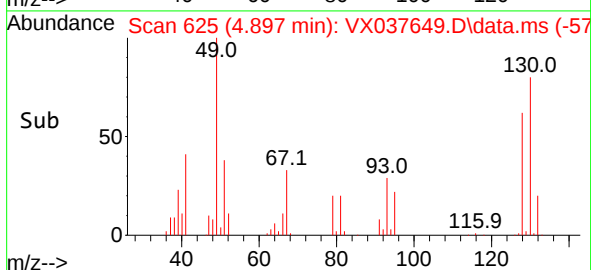
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

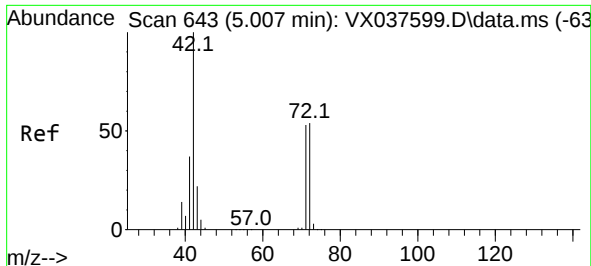


#28
 Bromochloromethane
 Concen: 94.874 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.007 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37



Tgt Ion: 49 Resp: 197703
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 492.334 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 604684

Ion Ratio Lower Upper

42 100

72 48.5 34.2 51.4

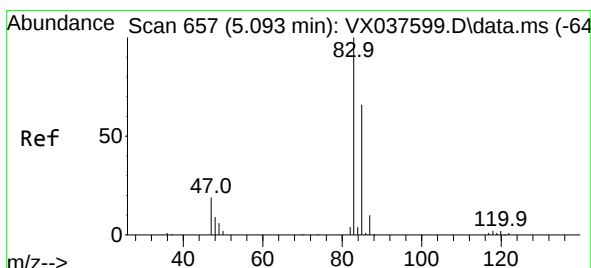
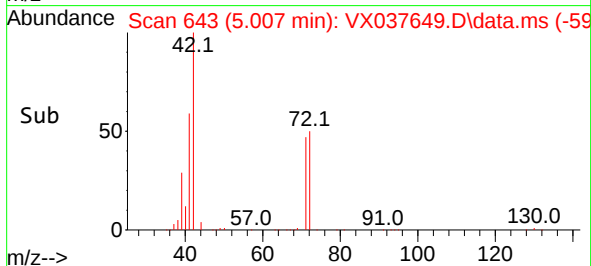
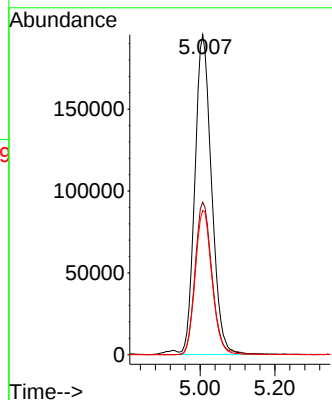
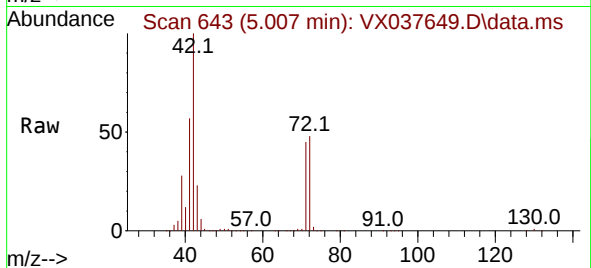
71 45.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 99.419 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037649.D

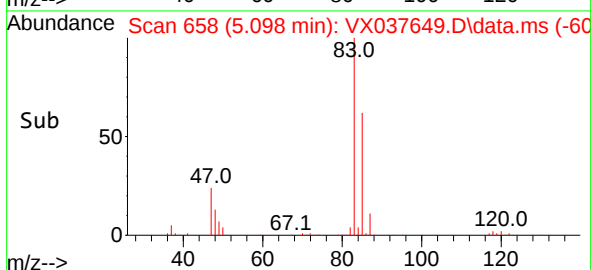
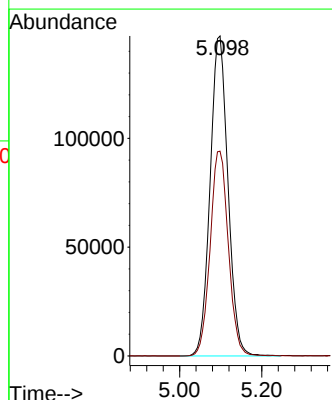
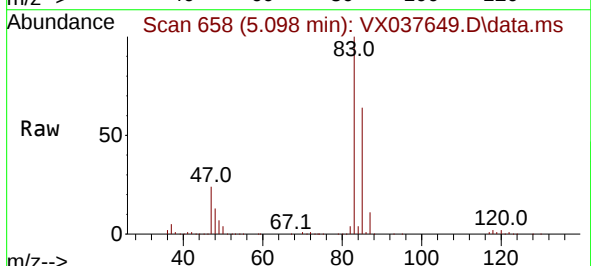
Acq: 11 Sep 2023 18:37

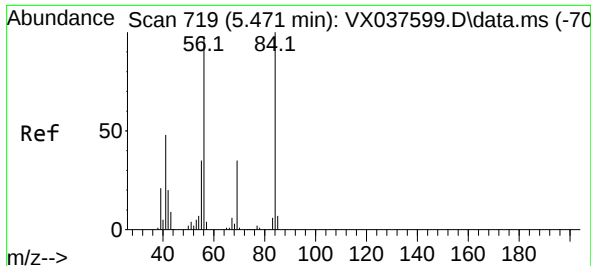
Tgt Ion: 83 Resp: 442978

Ion Ratio Lower Upper

83 100

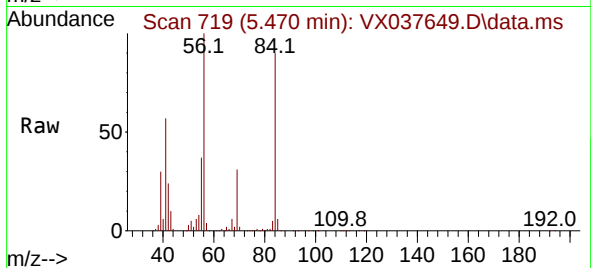
85 64.0 50.3 75.5





#31
Cyclohexane
Concen: 97.584 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

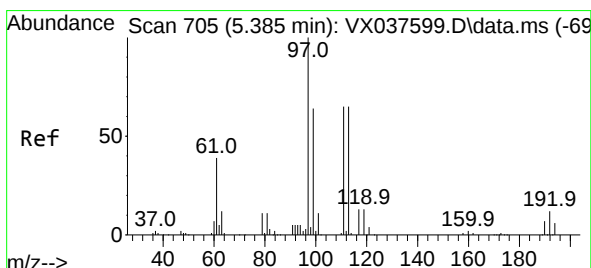
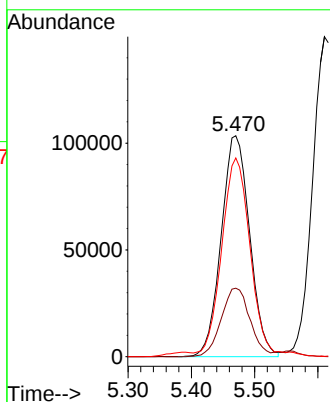
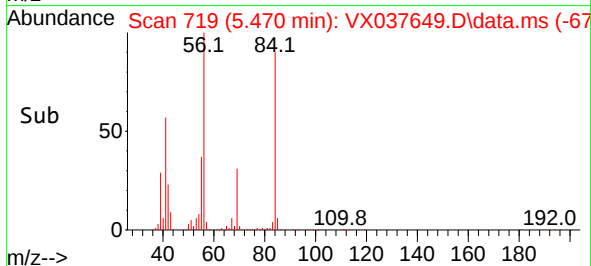
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



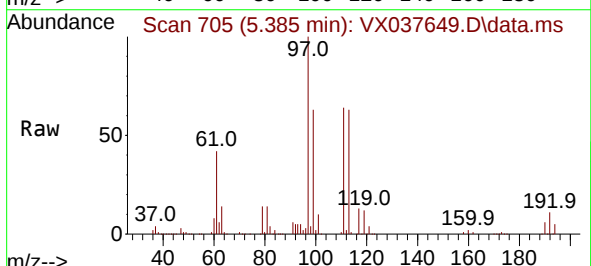
Tgt Ion: 56 Resp: 32330
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.2
84 88.1 65.9 98.9

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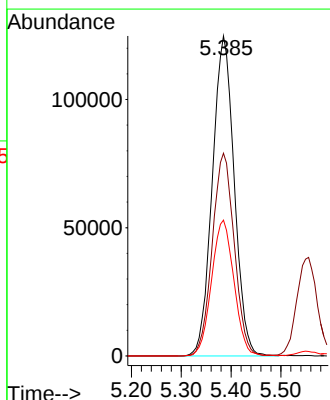
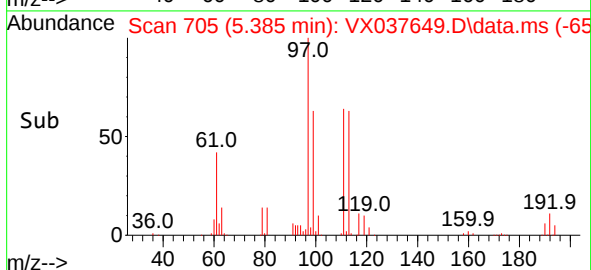
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

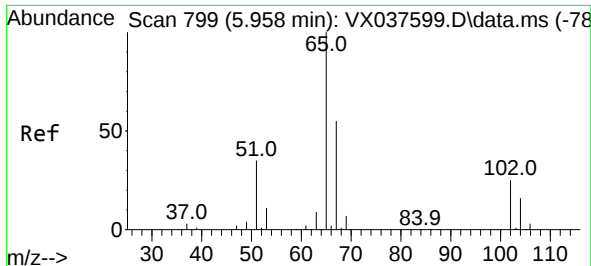


#32
1,1,1-Trichloroethane
Concen: 101.718 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



Tgt Ion: 97 Resp: 380676
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 43.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 99.462 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 28616

Ion Ratio Lower Upper

65 100

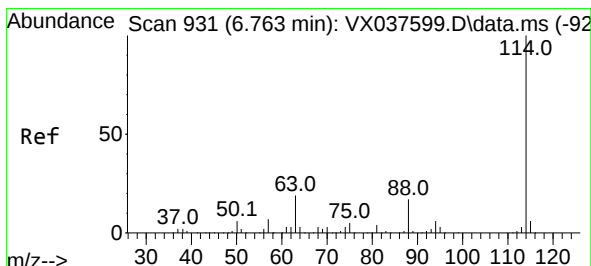
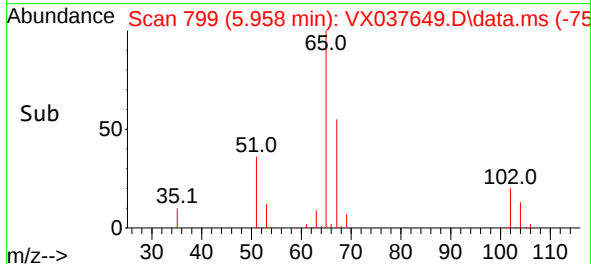
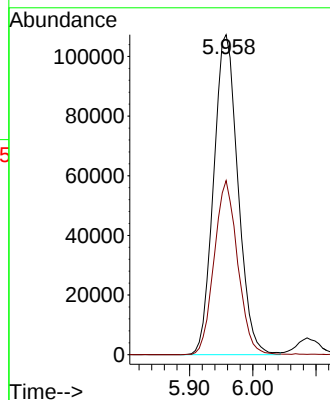
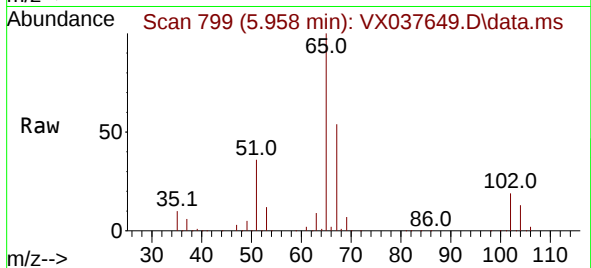
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

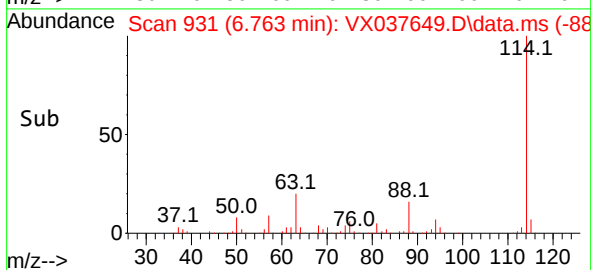
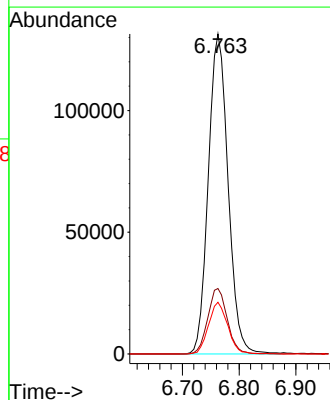
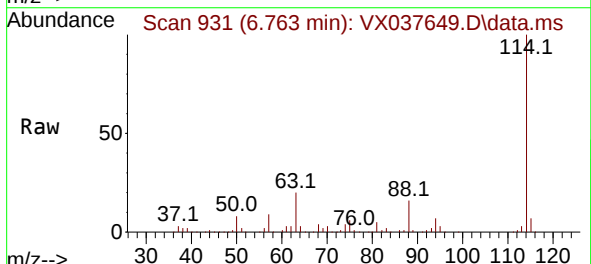
Tgt Ion:114 Resp: 318262

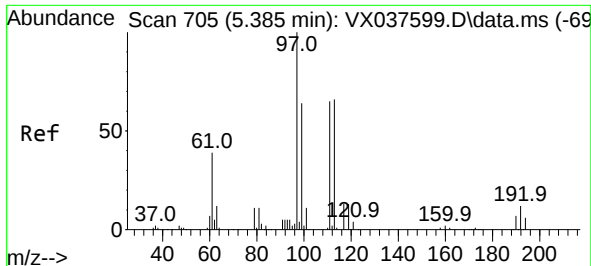
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

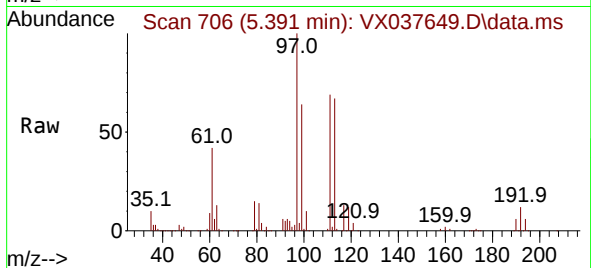
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 102.497 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

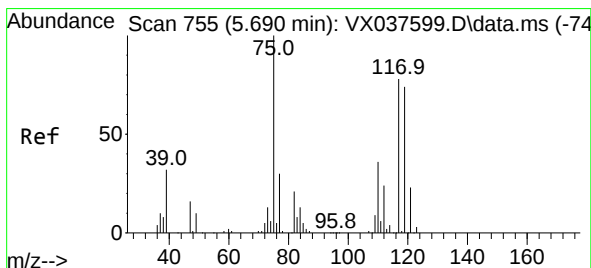
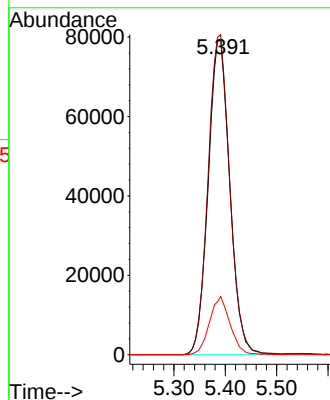
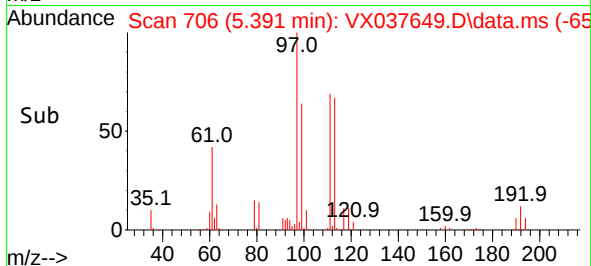
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 113 Resp: 23122
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.6 13.3 19.9

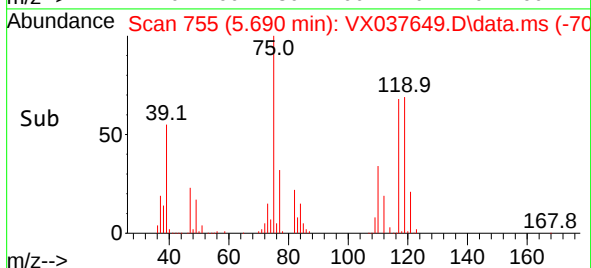
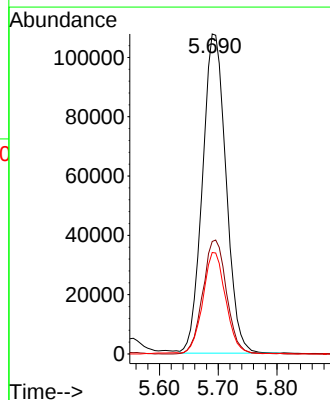
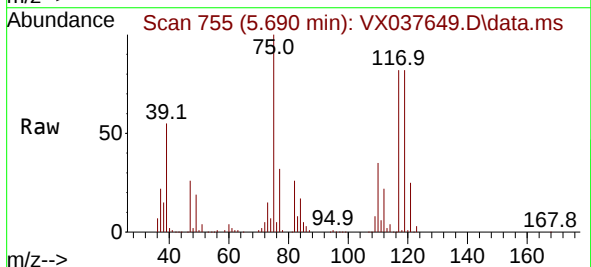
Manual Integrations
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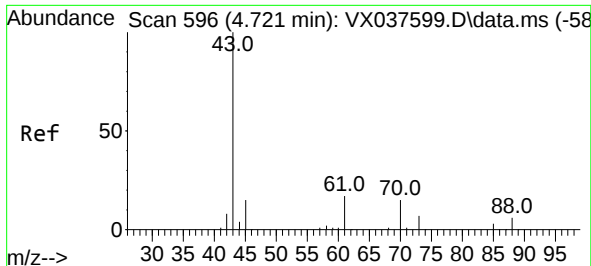
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#36
1,1-Dichloropropene
Concen: 96.452 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 75 Resp: 300052
Ion Ratio Lower Upper
75 100
110 36.0 17.0 50.9
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 100.802 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.007 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 362208

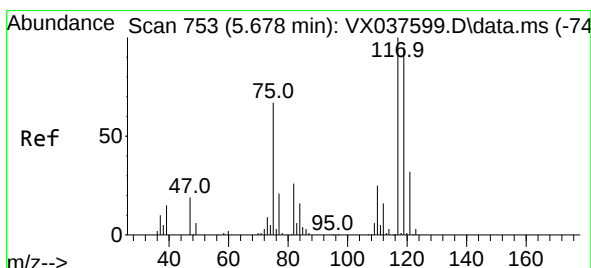
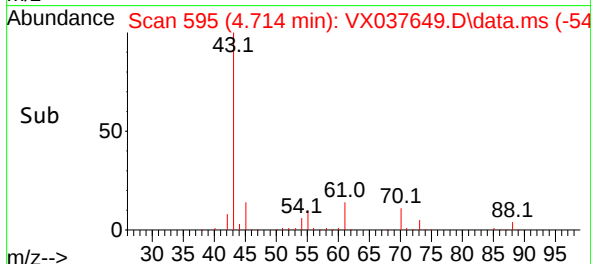
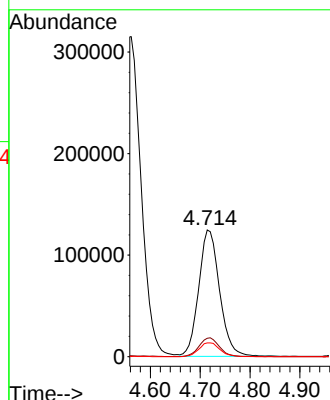
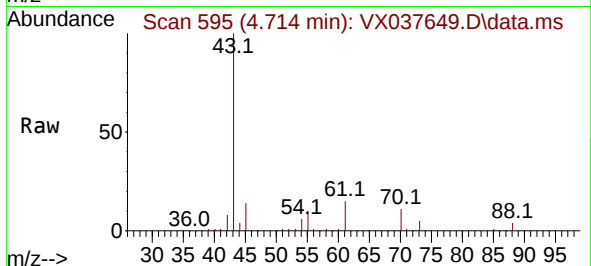
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.1	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 102.179 ug/l

RT: 5.677 min Scan# 753

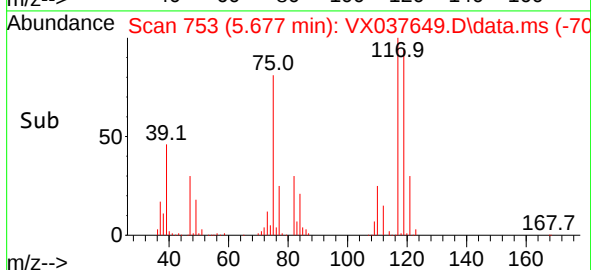
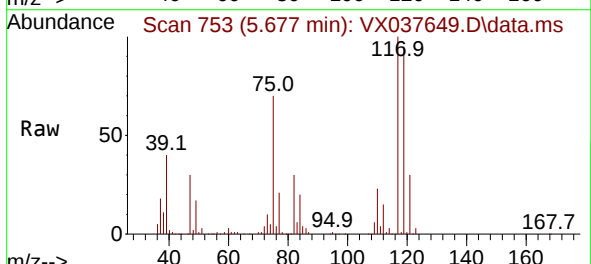
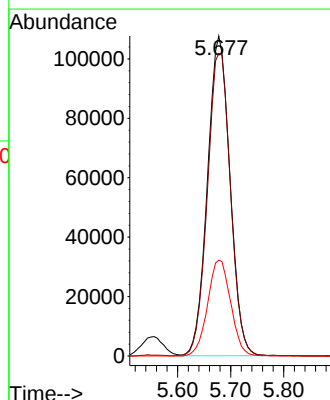
Delta R.T. -0.000 min

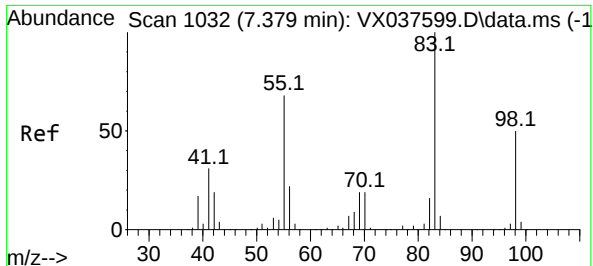
Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Tgt Ion:117 Resp: 317468

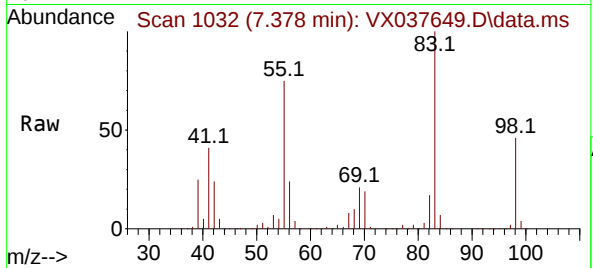
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.2
121	30.0	24.4	36.6





#39
Methylcyclohexane
Concen: 98.580 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

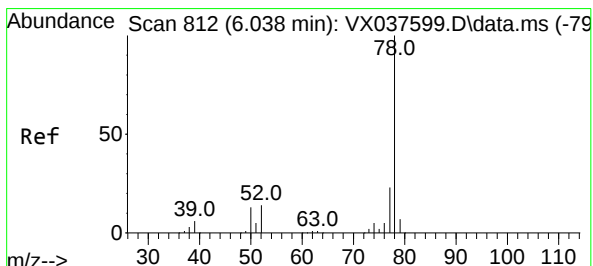
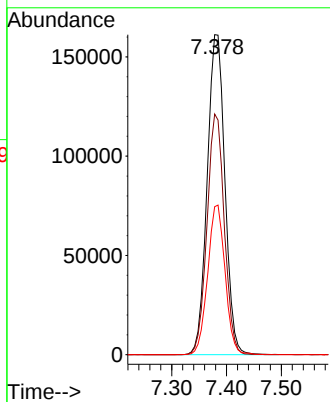
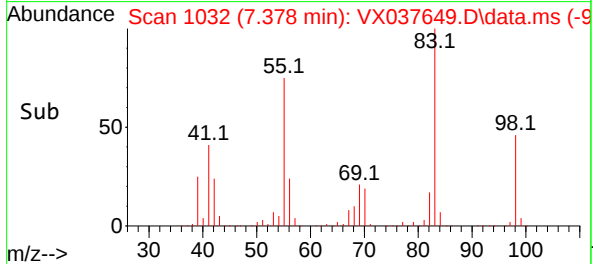
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



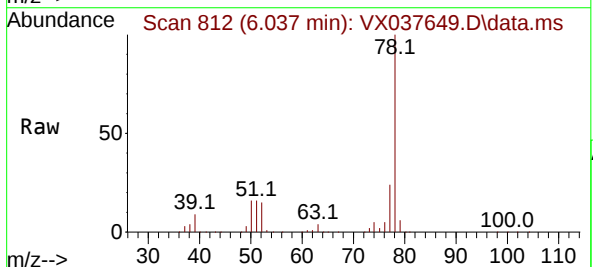
Tgt Ion: 83 Resp: 36070
Ion Ratio Lower Upper
83 100
55 75.2 64.6 97.0
98 46.3 36.7 55.1

Manual Integrations
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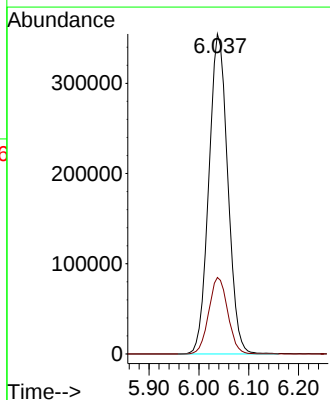
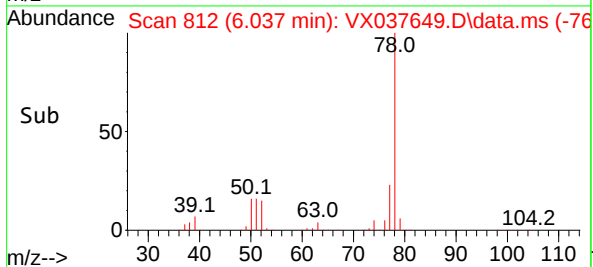
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

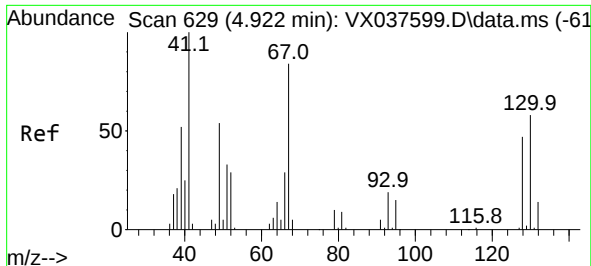


#40
Benzene
Concen: 98.907 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



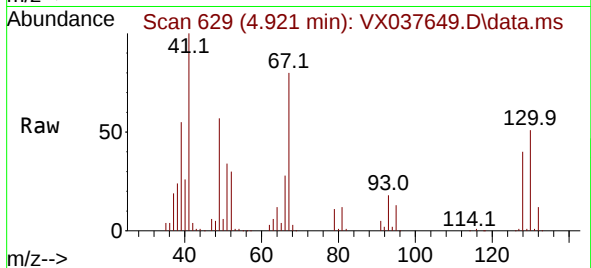
Tgt Ion: 78 Resp: 935586
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 100.555 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

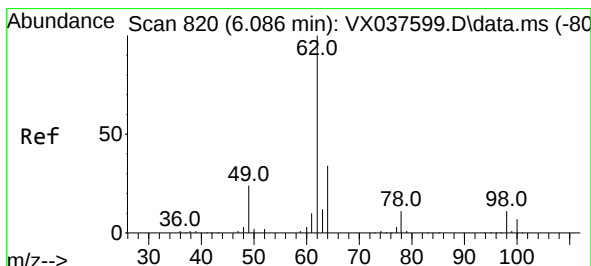
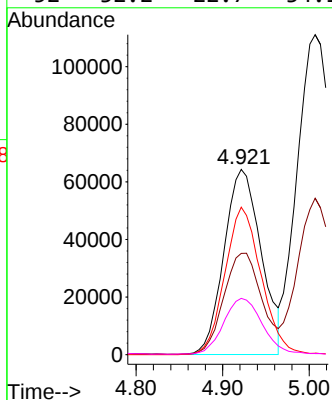
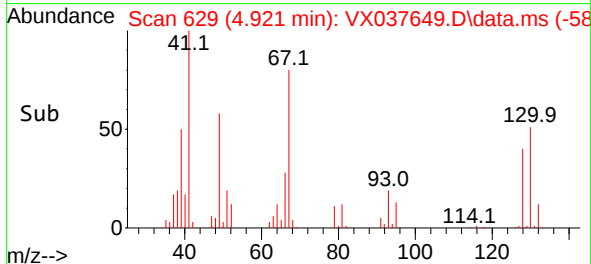
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:	41	Resp:	19166
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.2	67.8
67	78.3	52.6	78.8
52	32.2	22.7	34.1

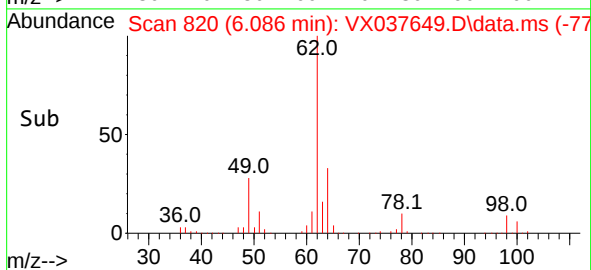
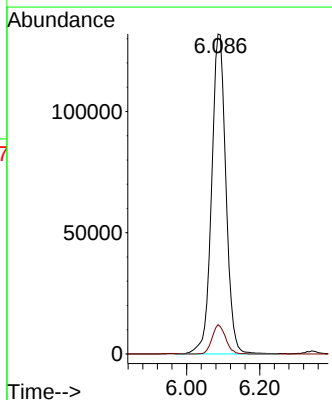
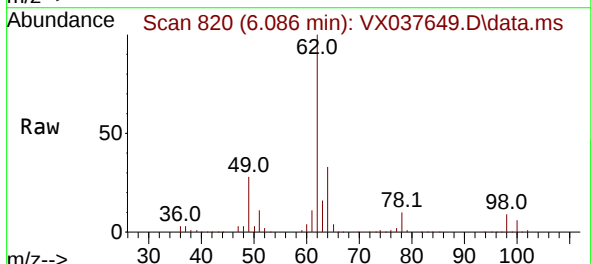
Manual Integrations
APPROVED

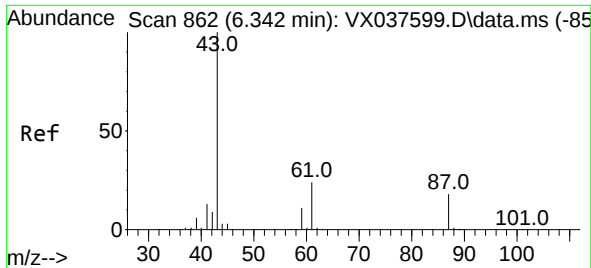
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 97.725 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion:	62	Resp:	358210
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.0





#43

Isopropyl Acetate

Concen: 102.598 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

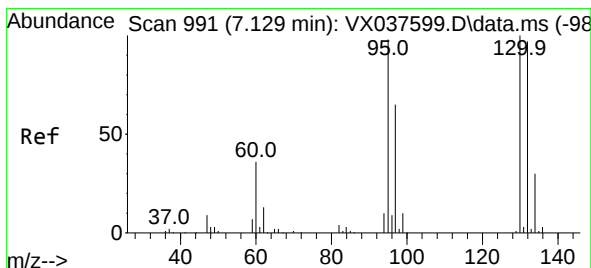
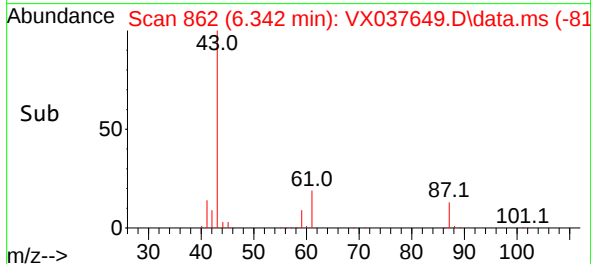
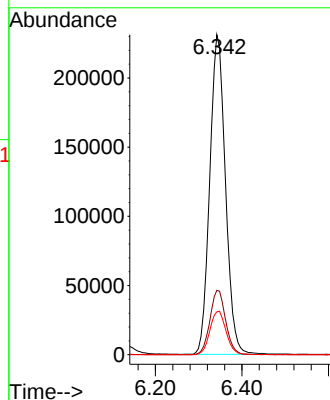
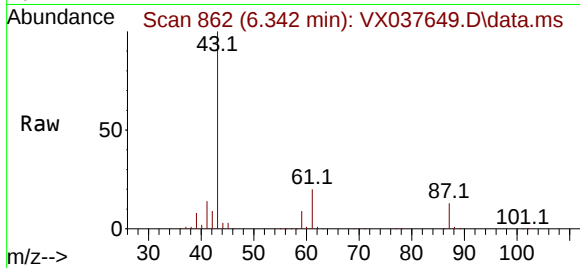
Tgt Ion:	43	Resp:	58187
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.2	22.8
87	14.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Trichloroethene

Concen: 100.514 ug/l

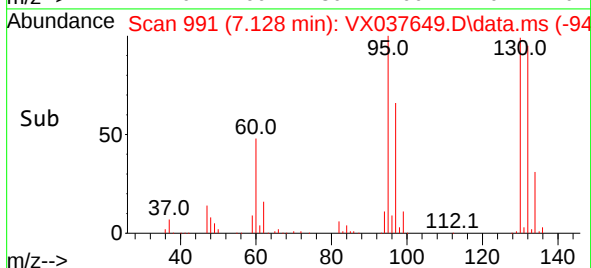
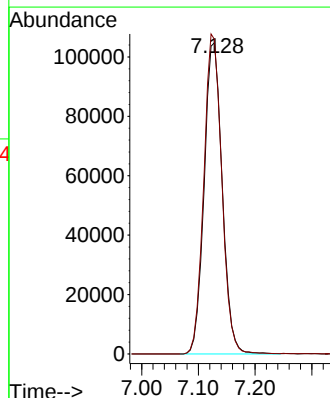
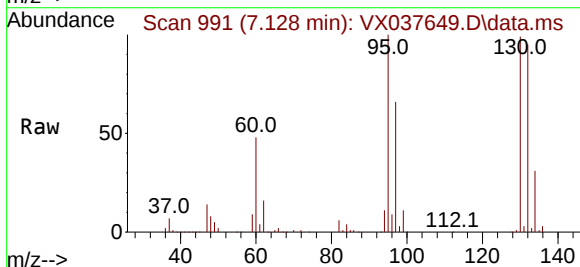
RT: 7.128 min Scan# 991

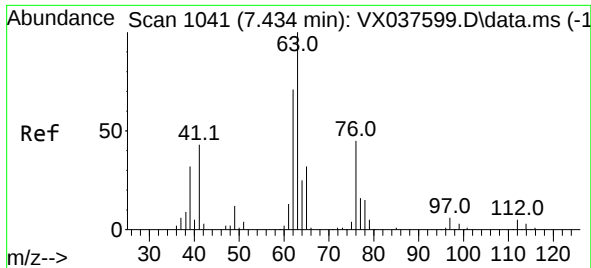
Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

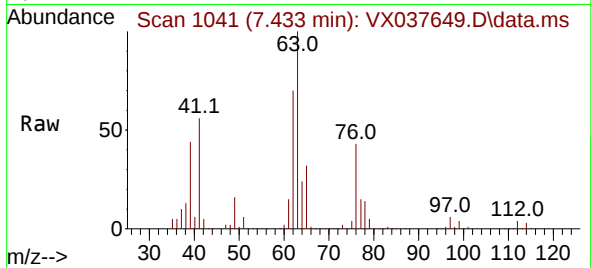
Tgt Ion:	130	Resp:	232053
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	204.4





#45
1,2-Dichloropropane
Concen: 99.448 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

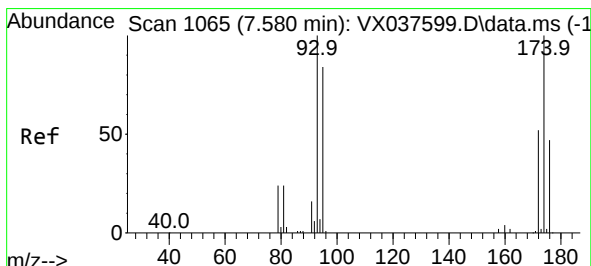
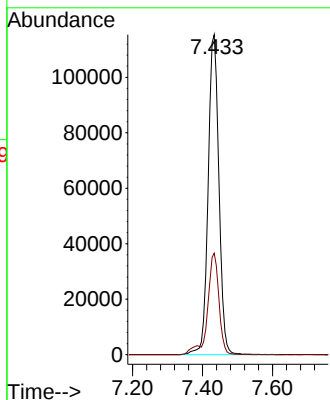
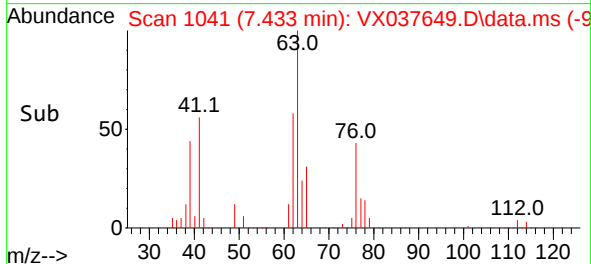
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



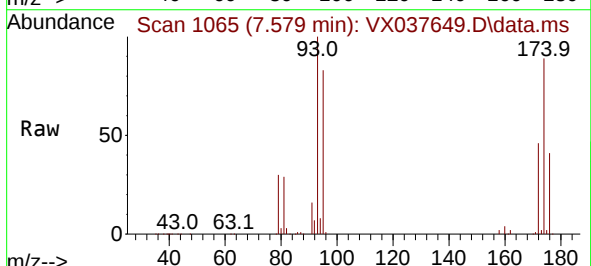
Tgt Ion: 63 Resp: 24683
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5

Manual Integrations
APPROVED

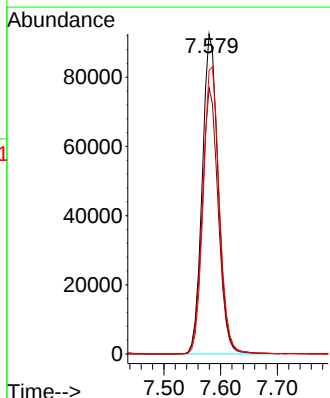
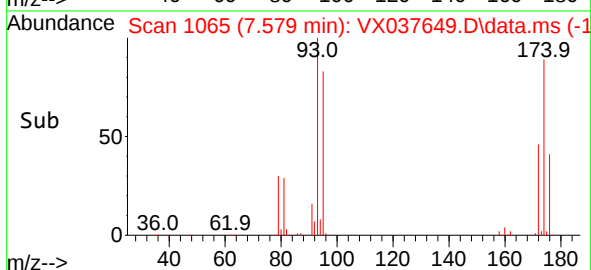
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

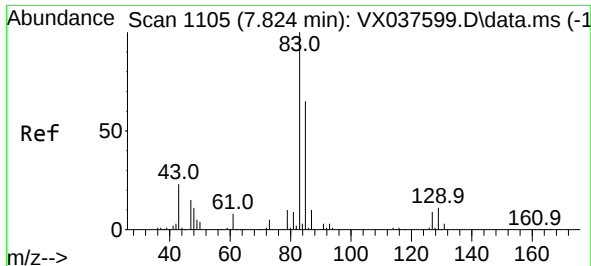


#46
Dibromomethane
Concen: 100.038 ug/l
RT: 7.579 min Scan# 1065
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



Tgt Ion: 93 Resp: 181154
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 90.7 69.4 104.0





#47
Bromodichloromethane
Concen: 107.567 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

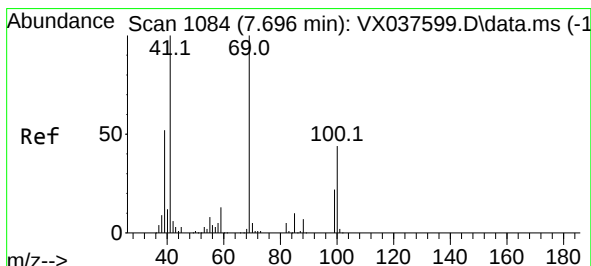
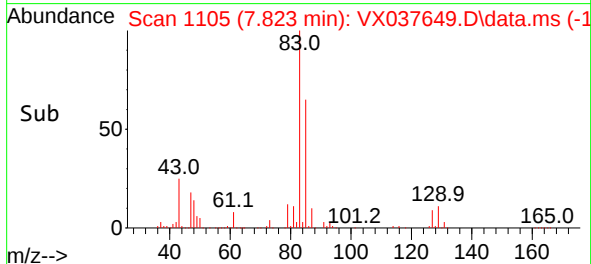
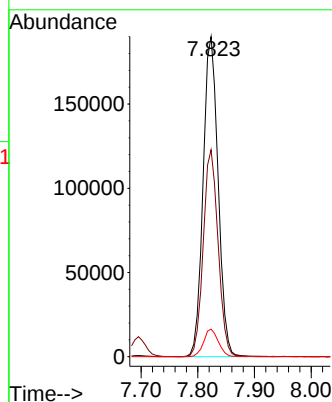
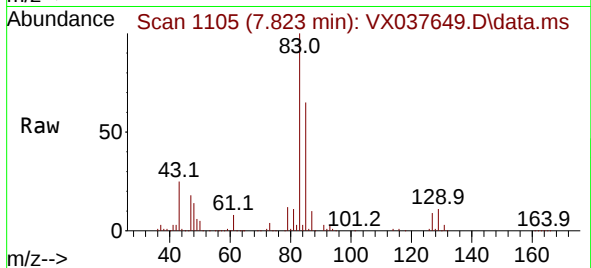
VSTDICC100

Tgt Ion: 83 Resp: 349120
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations

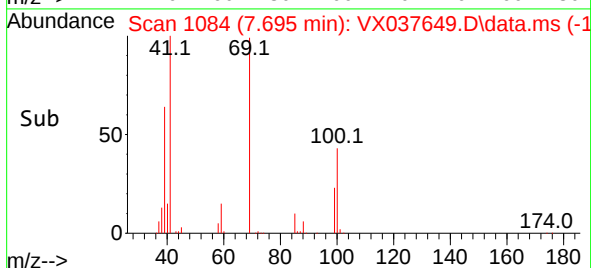
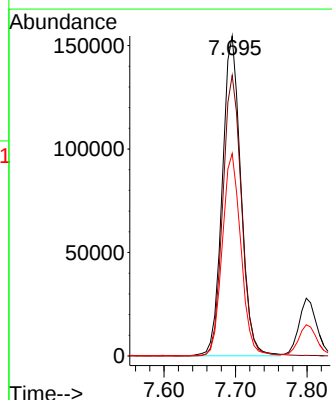
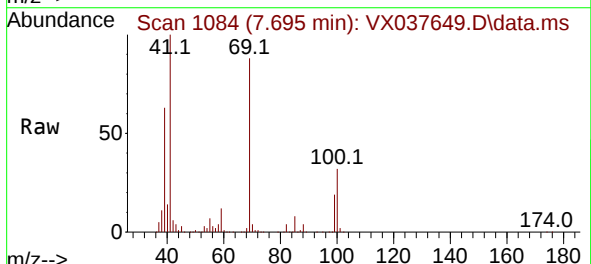
APPROVED

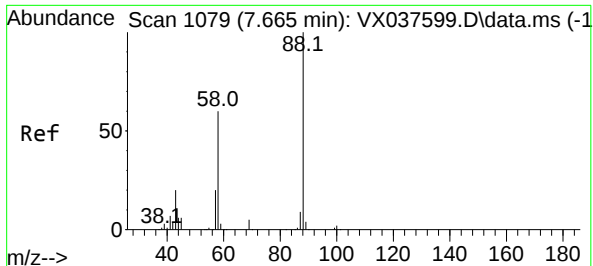
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 100.684 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 41 Resp: 278881
Ion Ratio Lower Upper
41 100
69 88.7 59.2 88.8
39 63.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1873.758 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 12927

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0

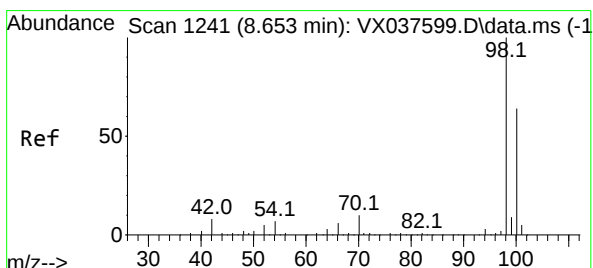
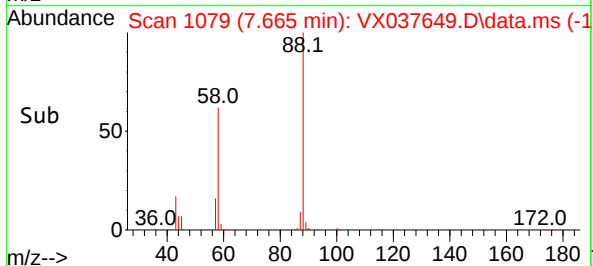
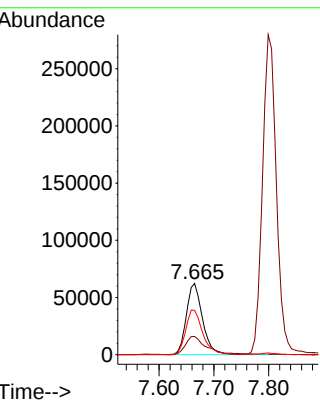
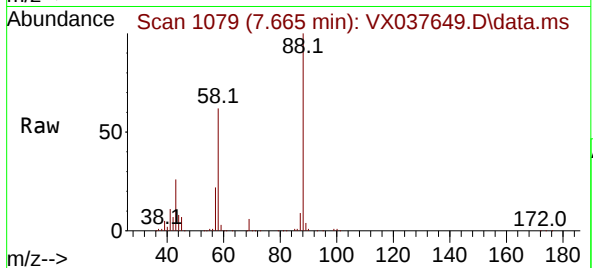
58 65.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 101.316 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.001 min

Lab File: VX037649.D

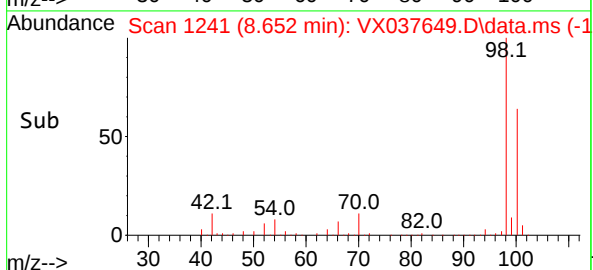
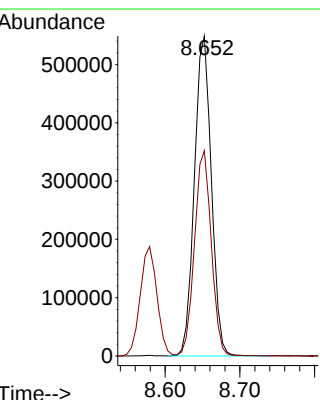
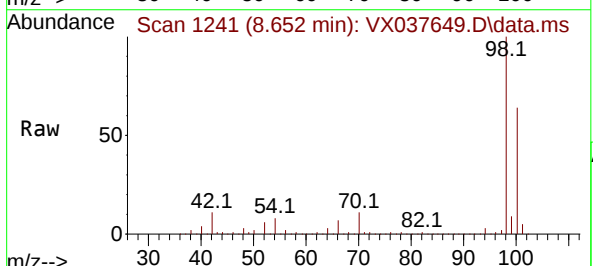
Acq: 11 Sep 2023 18:37

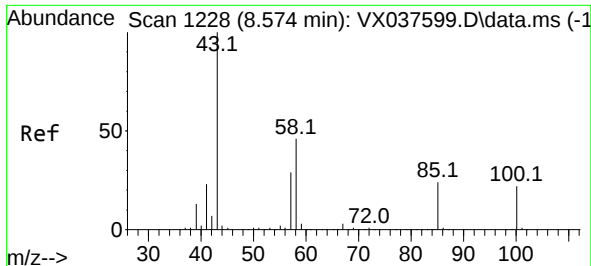
Tgt Ion: 98 Resp: 861985

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 482.530 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. 0.005 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 180435

Ion Ratio Lower Upper

43 100

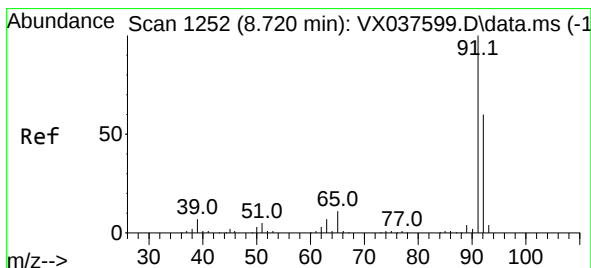
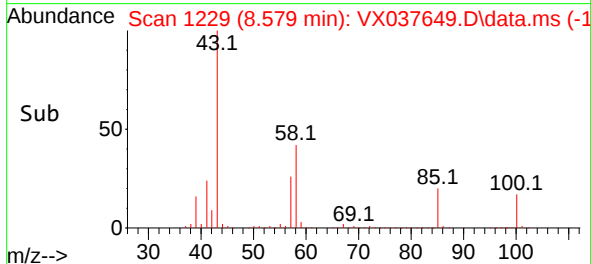
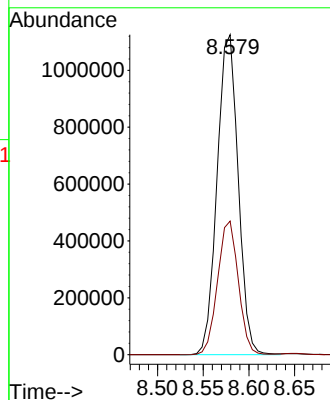
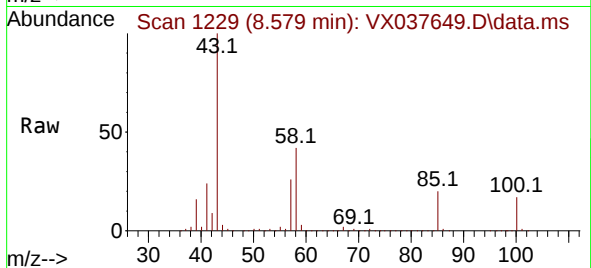
58 41.1 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#52

Toluene

Concen: 100.442 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037649.D

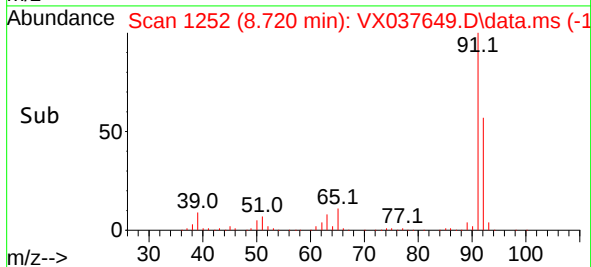
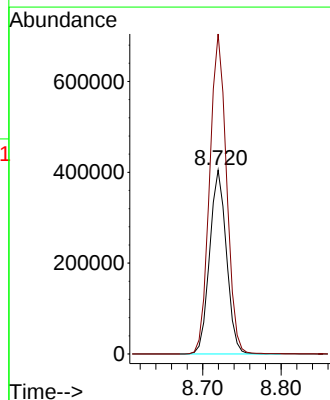
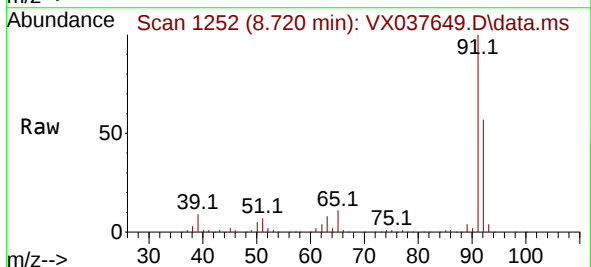
Acq: 11 Sep 2023 18:37

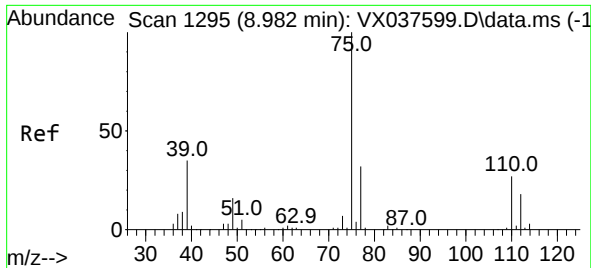
Tgt Ion: 92 Resp: 601183

Ion Ratio Lower Upper

92 100

91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 114.373 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 374480

Ion Ratio Lower Upper

75 100

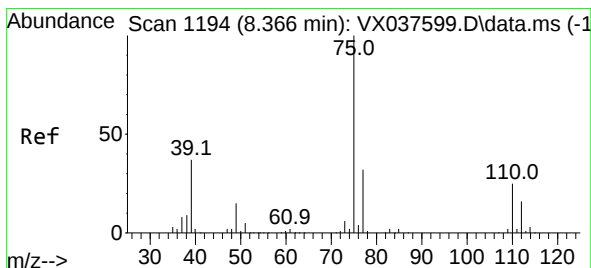
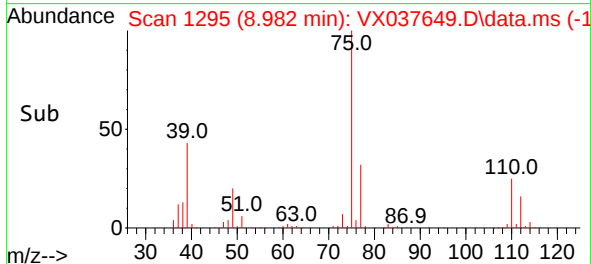
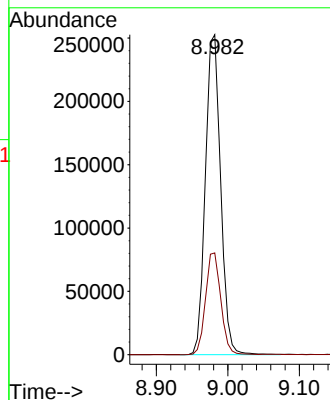
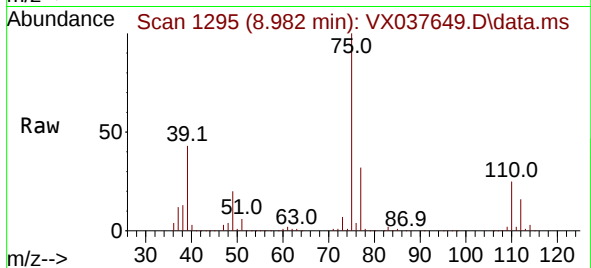
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

cis-1,3-Dichloropropene

Concen: 110.572 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

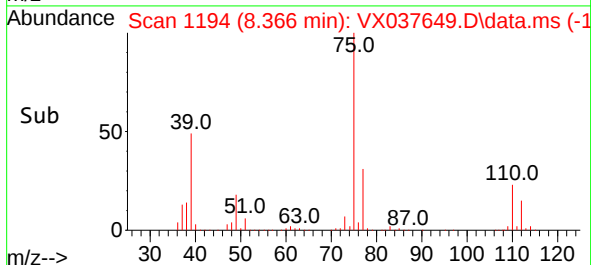
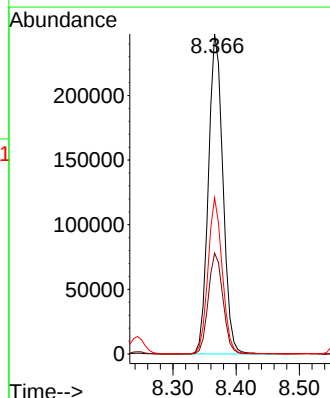
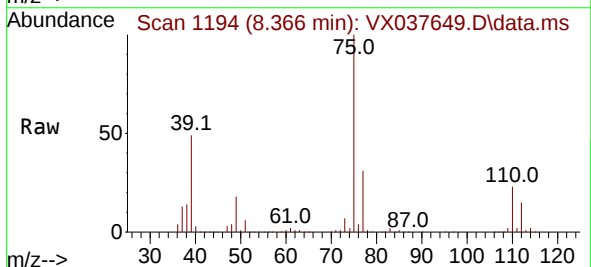
Tgt Ion: 75 Resp: 395587

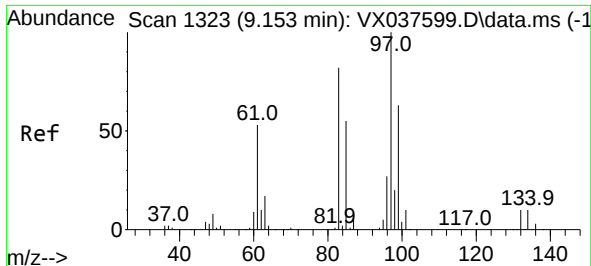
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 48.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 99.619 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

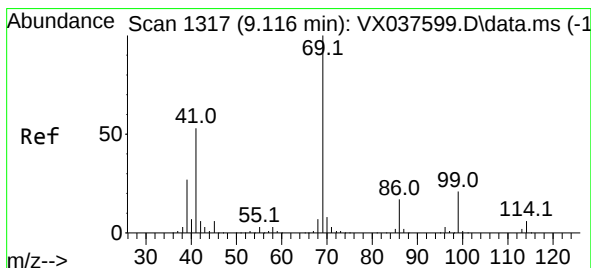
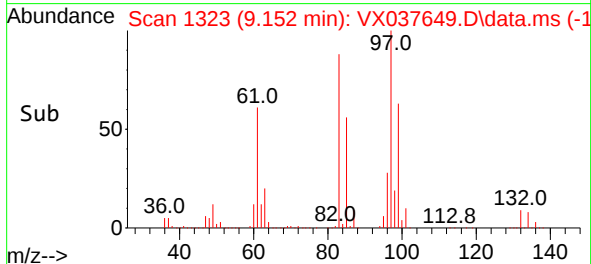
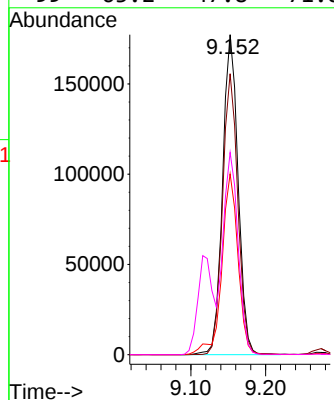
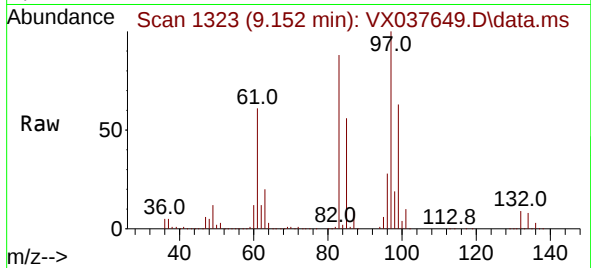
VSTDICC100

Tgt Ion: 97 Resp: 256389
Ion Ratio Lower Upper
97 100
83 87.8 65.8 98.8
85 56.5 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations

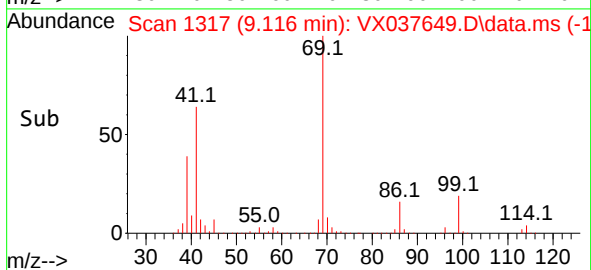
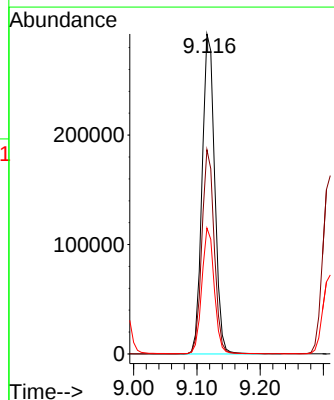
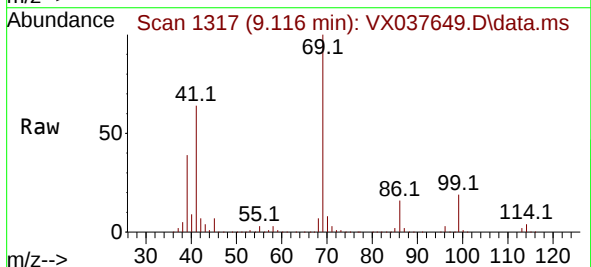
APPROVED

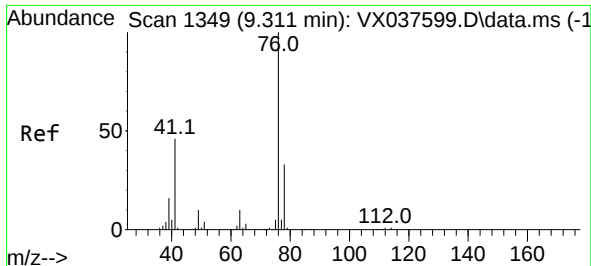
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 105.091 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 69 Resp: 406472
Ion Ratio Lower Upper
69 100
41 62.6 56.8 85.2
39 38.6 32.0 48.0





#57

1,3-Dichloropropane

Concen: 97.920 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 419529

Ion Ratio Lower Upper

76 100

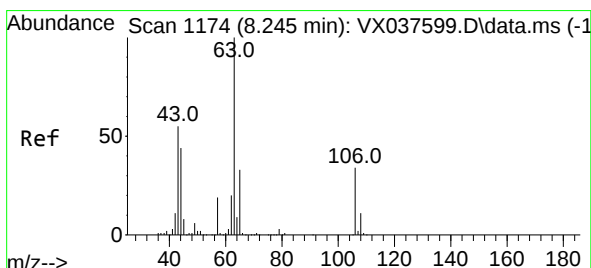
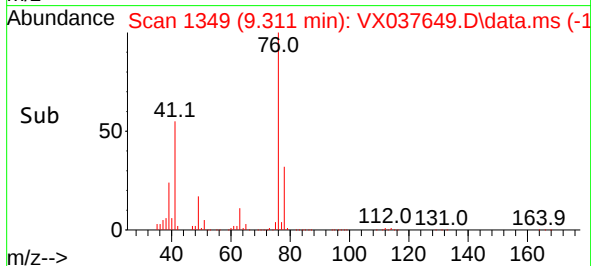
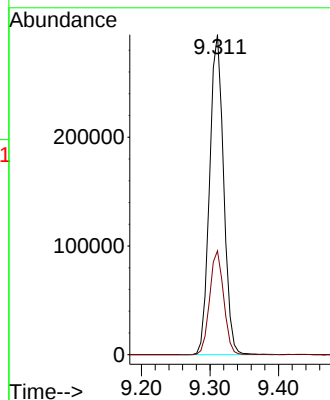
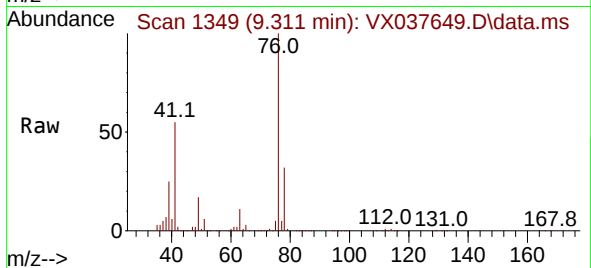
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 536.096 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX037649.D

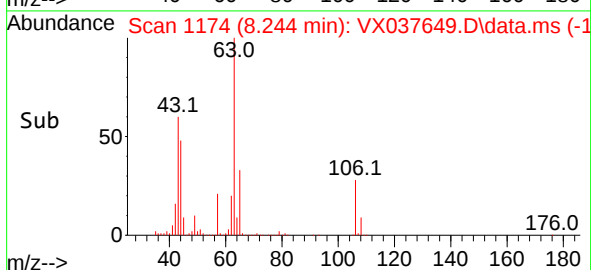
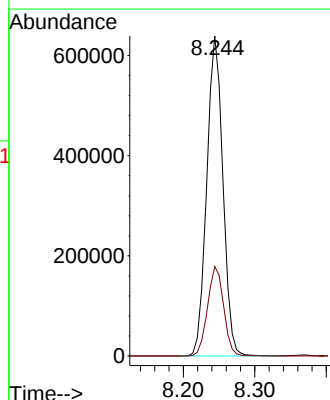
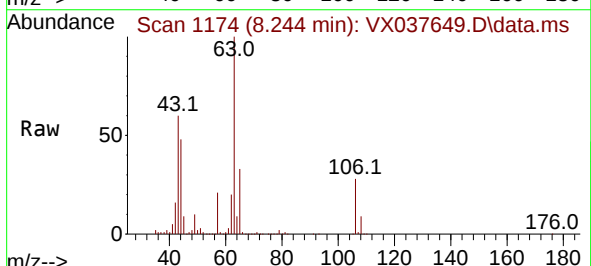
Acq: 11 Sep 2023 18:37

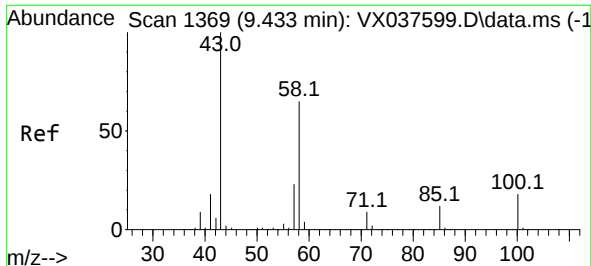
Tgt Ion: 63 Resp: 1000781

Ion Ratio Lower Upper

63 100

106 27.8 22.5 33.7





#59

2-Hexanone

Concen: 488.117 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 1400028

Ion Ratio Lower Upper

43 100

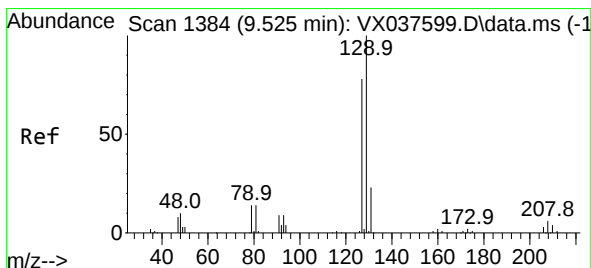
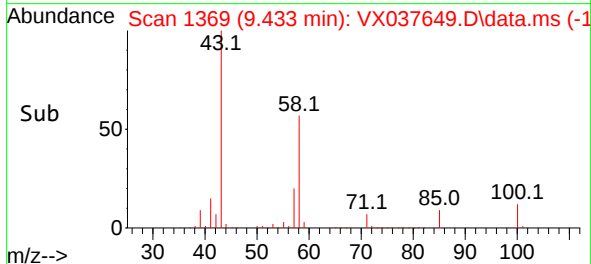
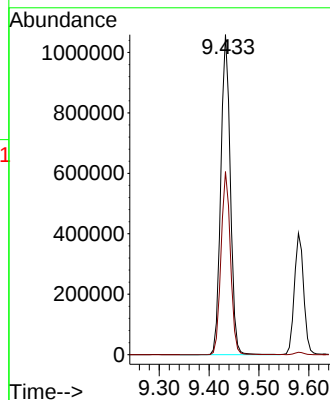
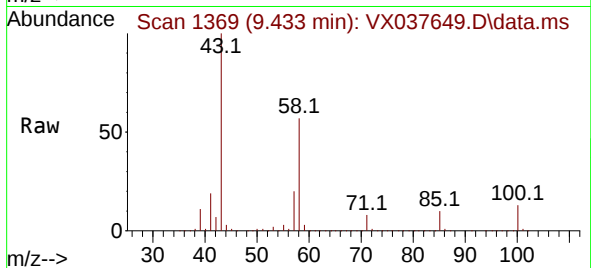
58 56.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#60

Dibromochloromethane

Concen: 109.814 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX037649.D

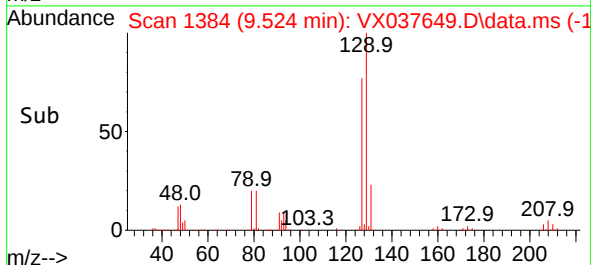
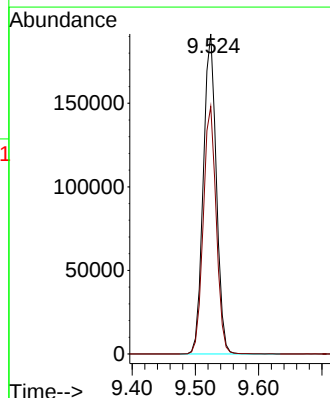
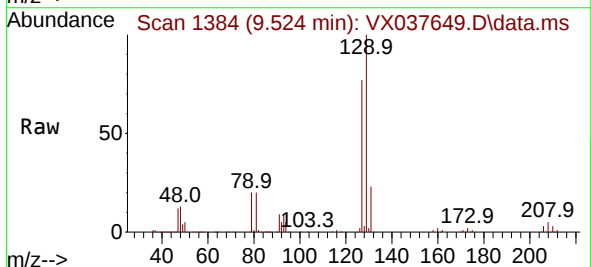
Acq: 11 Sep 2023 18:37

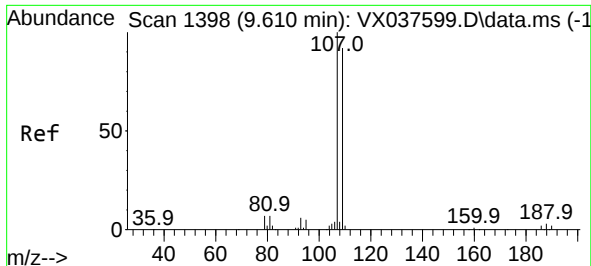
Tgt Ion:129 Resp: 274331

Ion Ratio Lower Upper

129 100

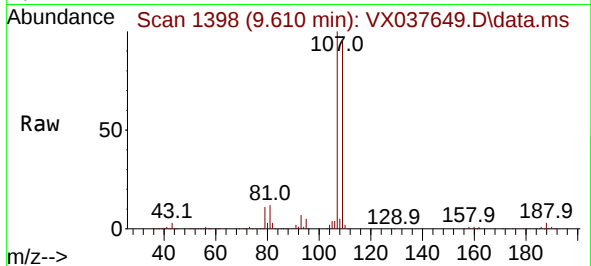
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 102.322 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

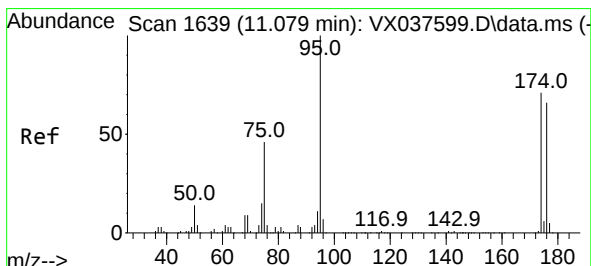
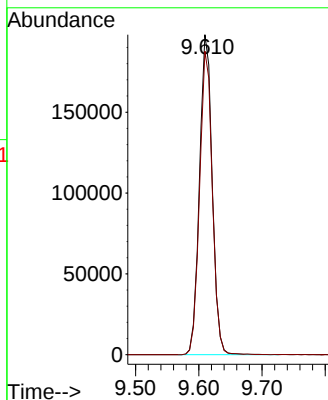
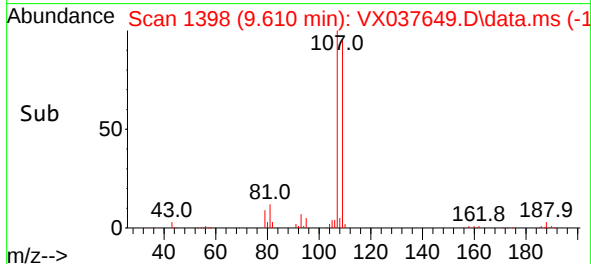
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



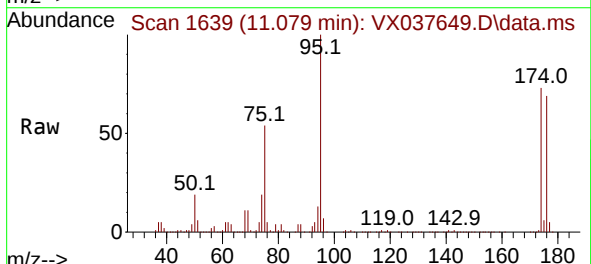
Tgt Ion:107 Resp: 277694
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations
APPROVED

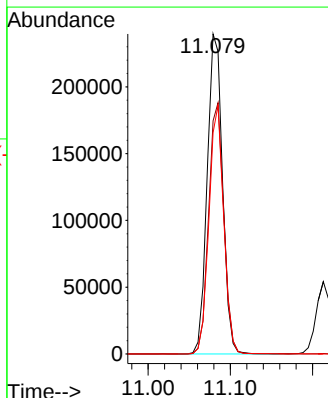
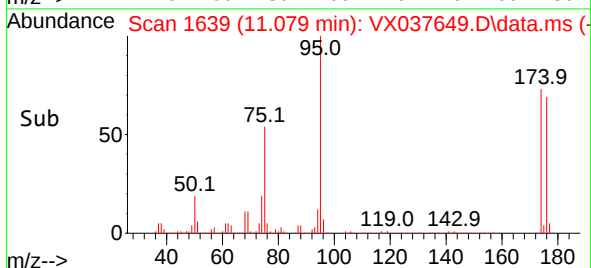
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

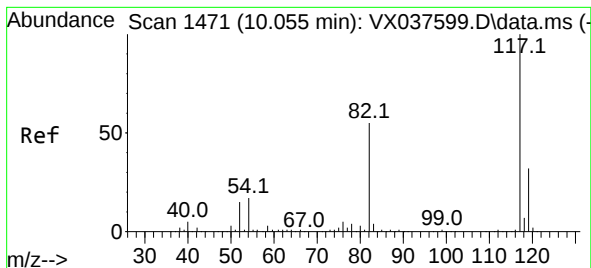


#62
4-Bromofluorobenzene
Concen: 100.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



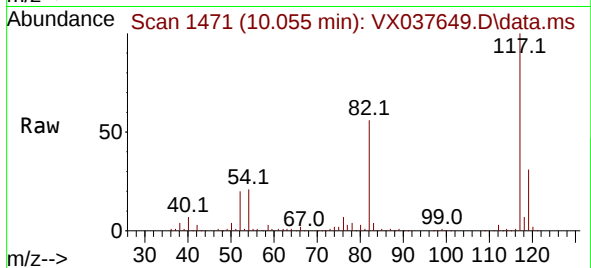
Tgt Ion: 95 Resp: 309187
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 75.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

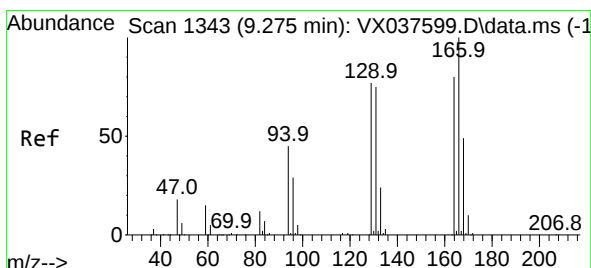
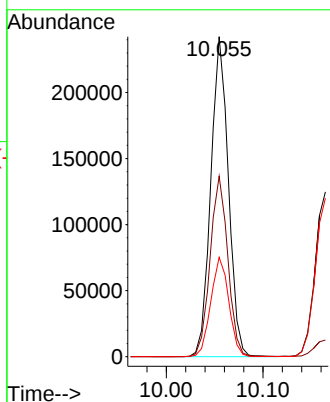
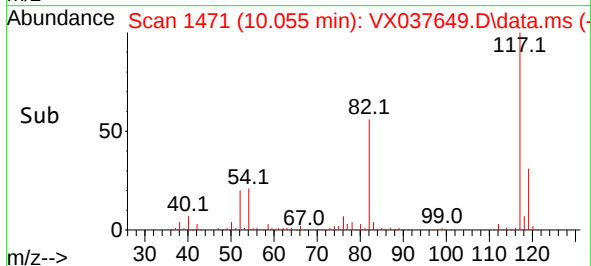
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 305672
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 31.0 25.5 38.3

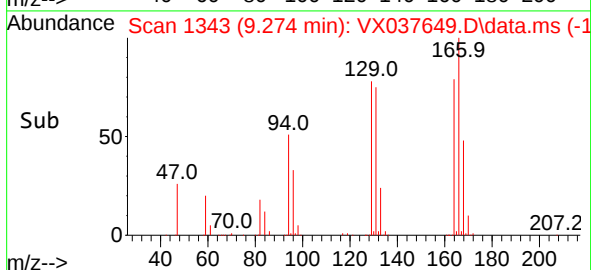
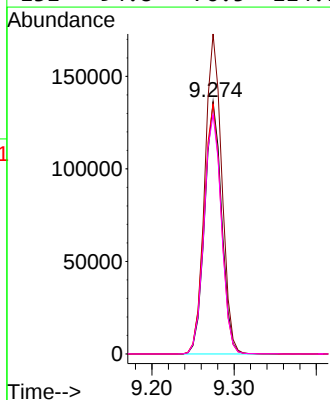
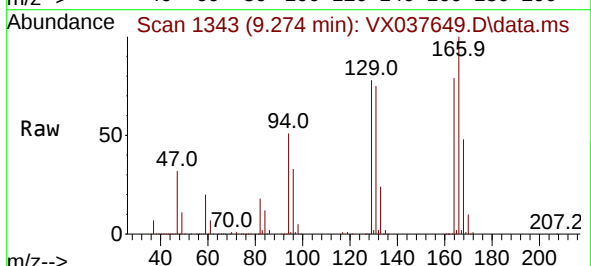
Manual Integrations
APPROVED

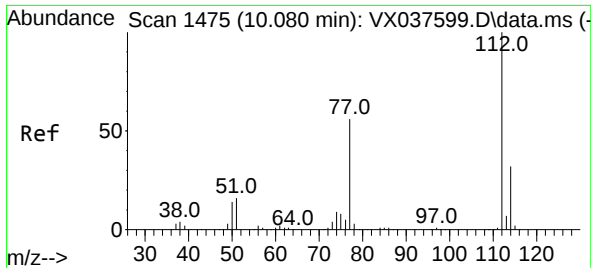
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 99.369 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion:164 Resp: 194572
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 99.0 80.4 120.6
131 94.8 76.5 114.7





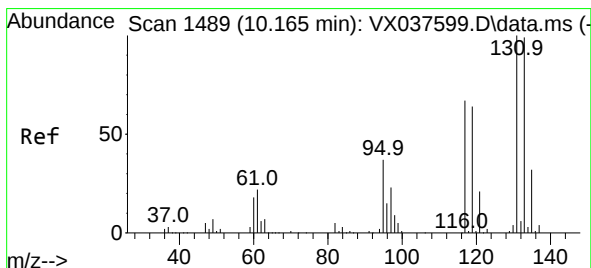
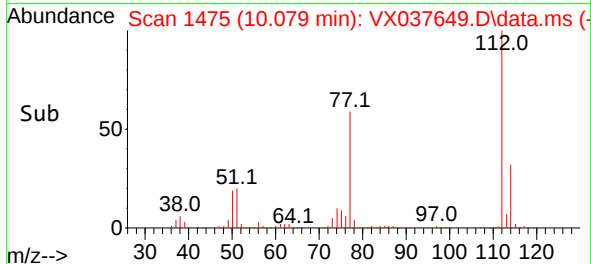
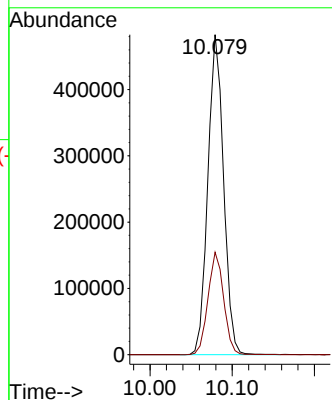
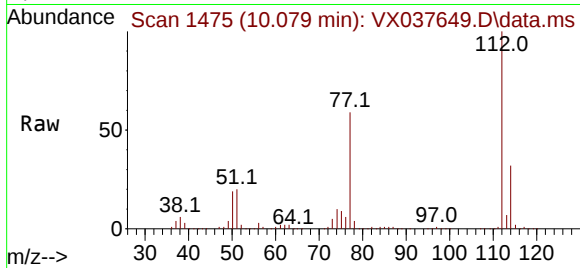
#65
Chlorobenzene
Concen: 97.205 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 640548
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

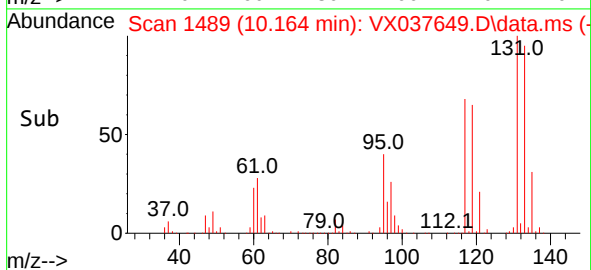
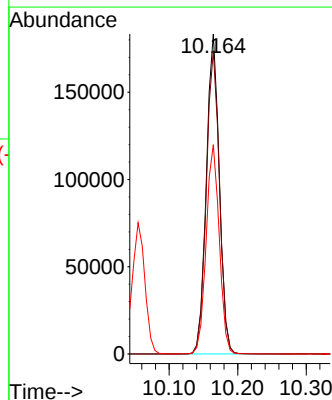
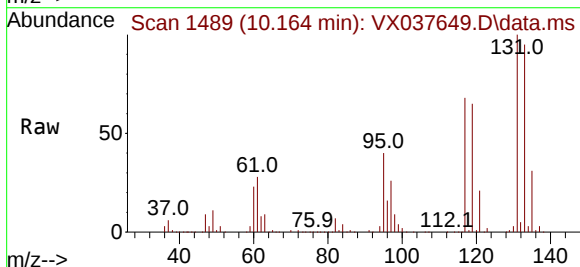
Manual Integrations
APPROVED

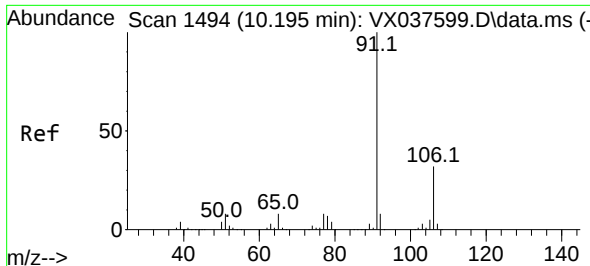
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 105.260 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion:131 Resp: 242071
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 66.0 32.2 96.6





#67

Ethyl Benzene

Concen: 99.447 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1165372

Ion Ratio Lower Upper

91 100

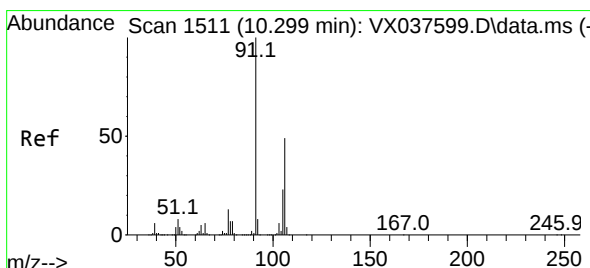
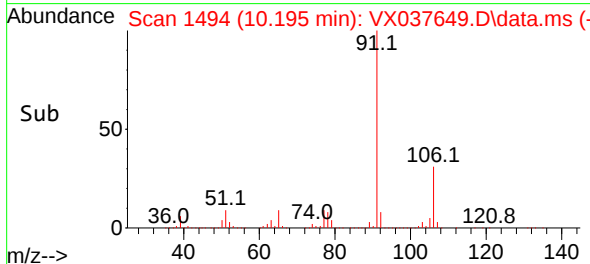
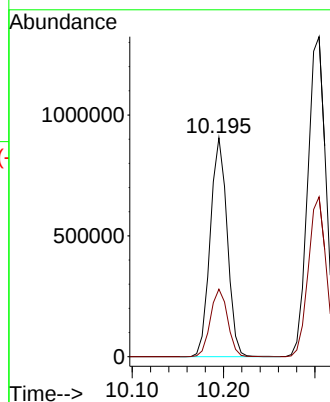
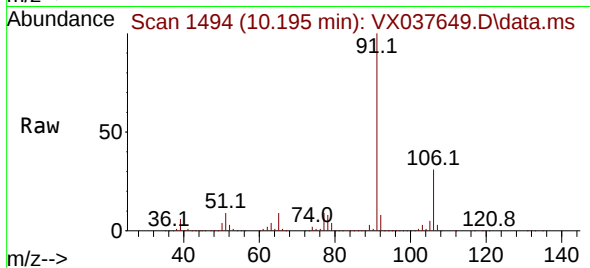
106 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#68

m/p-Xylenes

Concen: 201.258 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037649.D

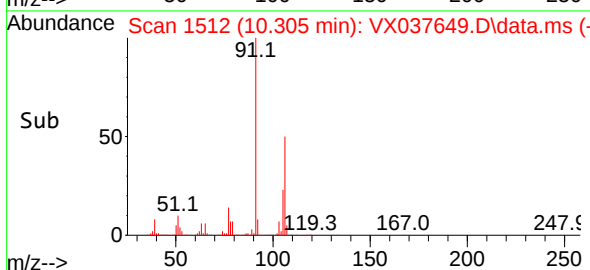
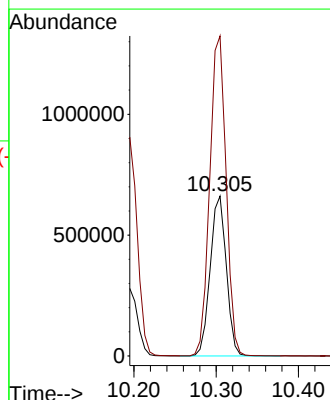
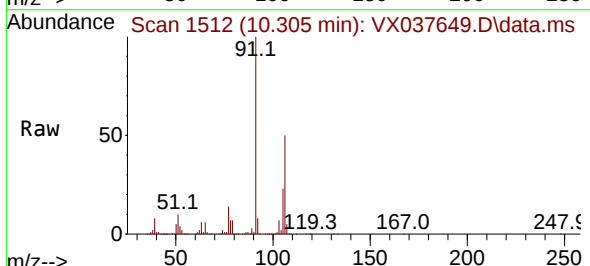
Acq: 11 Sep 2023 18:37

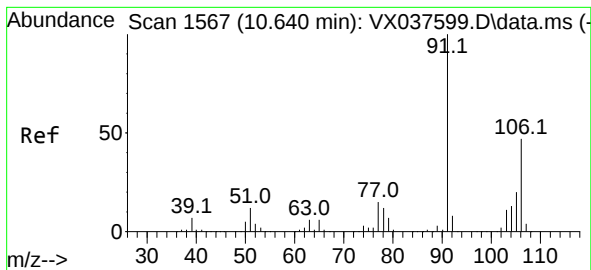
Tgt Ion:106 Resp: 898640

Ion Ratio Lower Upper

106 100

91 203.8 165.5 248.3





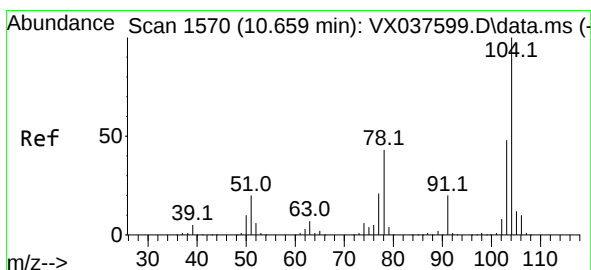
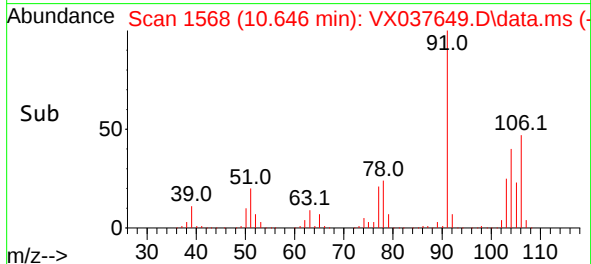
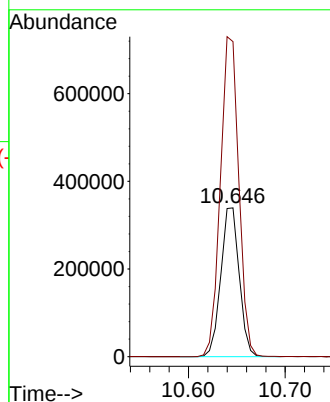
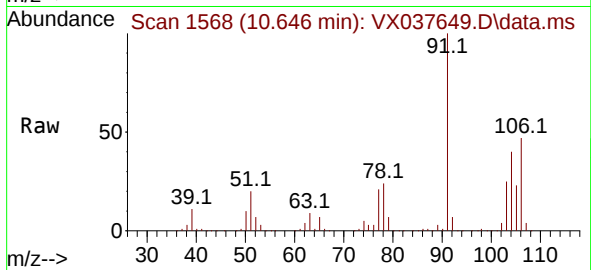
#69
o-Xylene
Concen: 101.440 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 449135
Ion Ratio Lower Upper
106 100
91 214.9 108.9 326.8

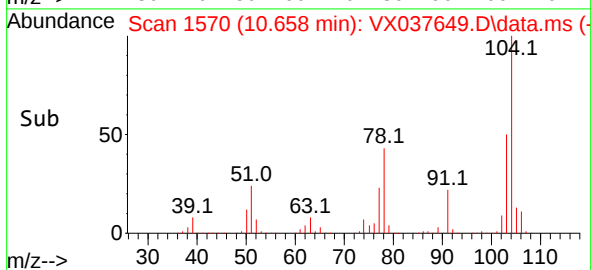
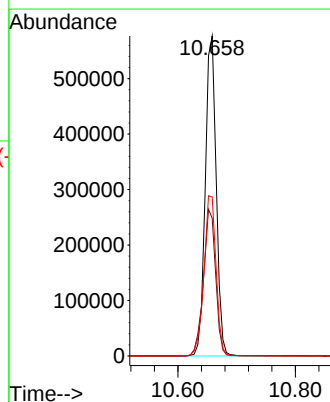
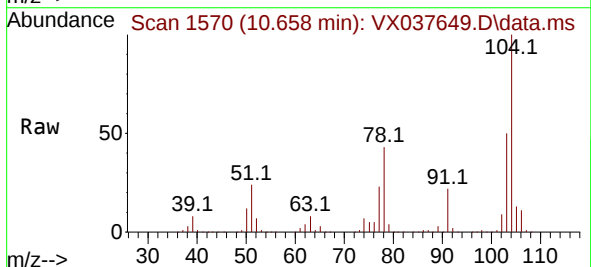
Manual Integrations
APPROVED

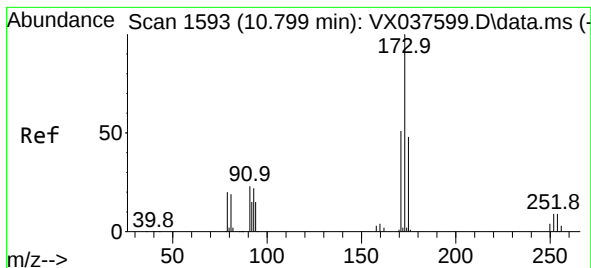
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 102.426 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

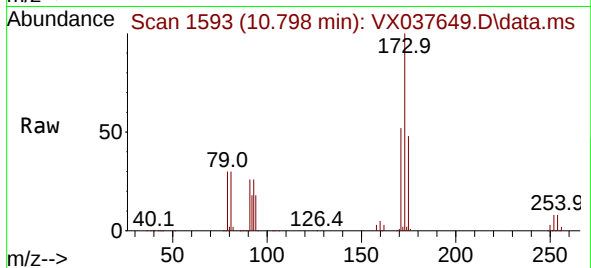
Tgt Ion:104 Resp: 748191
Ion Ratio Lower Upper
104 100
78 51.0 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 112.948 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

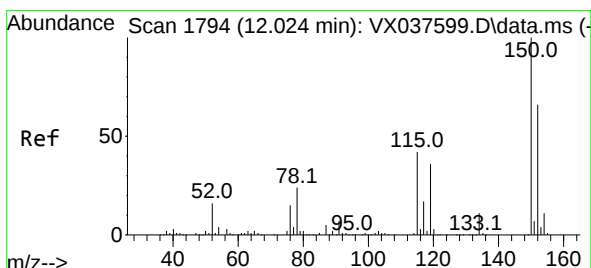
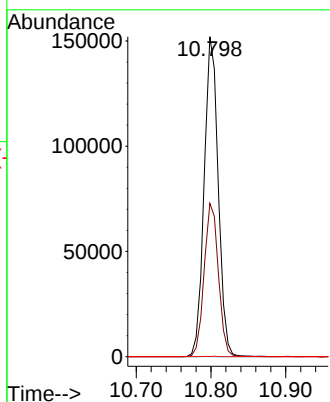
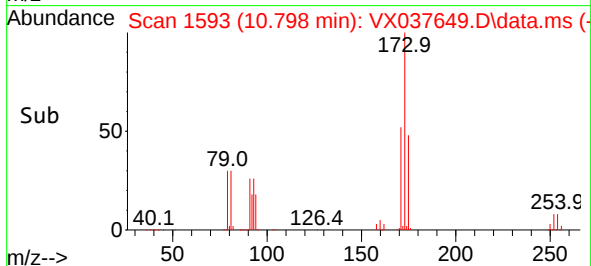
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 198560
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0

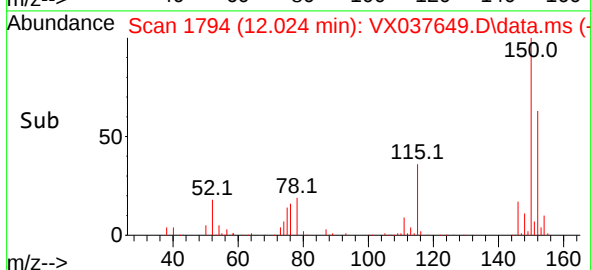
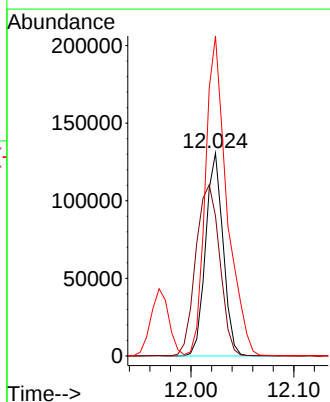
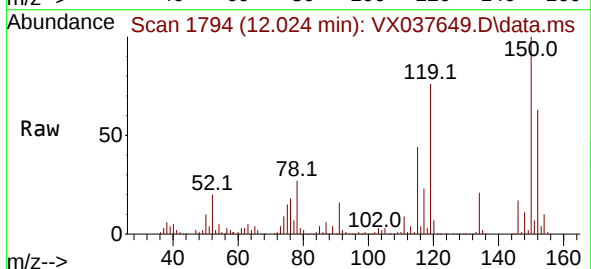
Manual Integrations
APPROVED

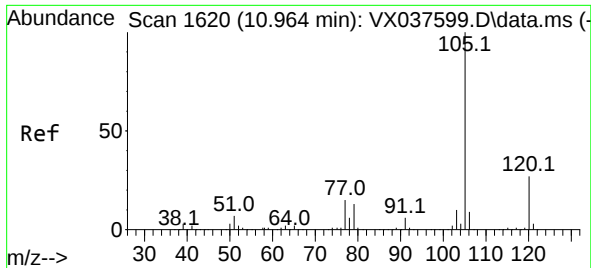
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

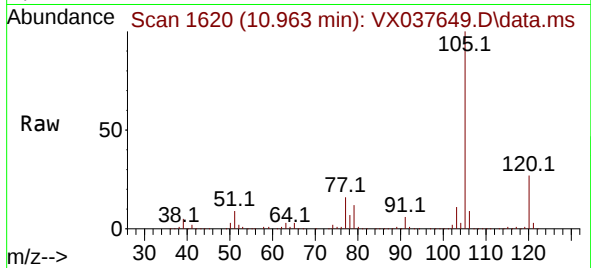
Tgt Ion:152 Resp: 155309
Ion Ratio Lower Upper
152 100
115 115.3 43.3 129.9
150 193.0 0.0 345.0





#73
Isopropylbenzene
Concen: 98.108 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

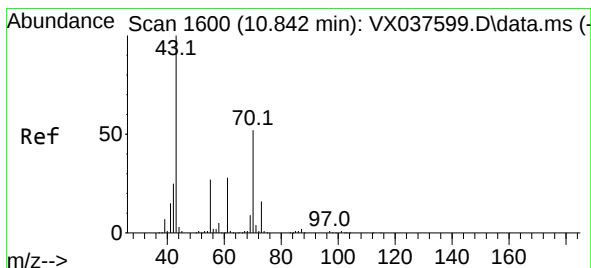
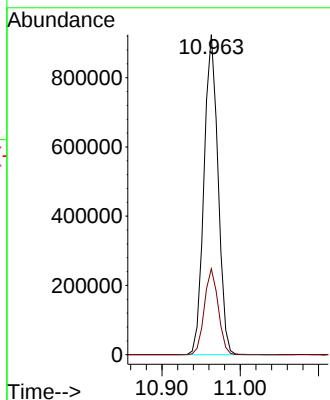
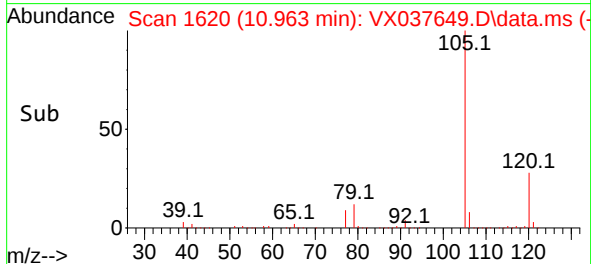
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



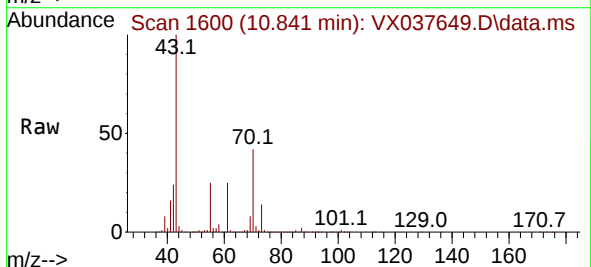
Tgt Ion:105 Resp: 1146669
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

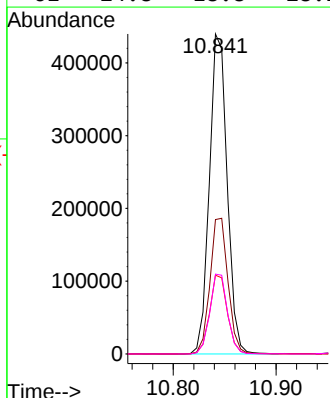
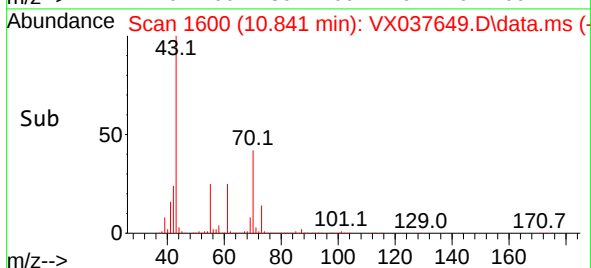
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

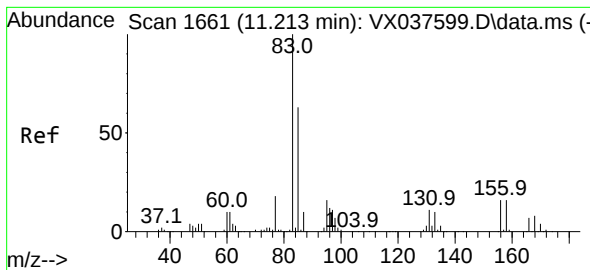


#74
N-ethyl acetate
Concen: 102.670 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



Tgt Ion: 43 Resp: 527517
Ion Ratio Lower Upper
43 100
70 43.1 32.9 49.3
55 24.8 19.3 28.9
61 24.8 18.8 28.2





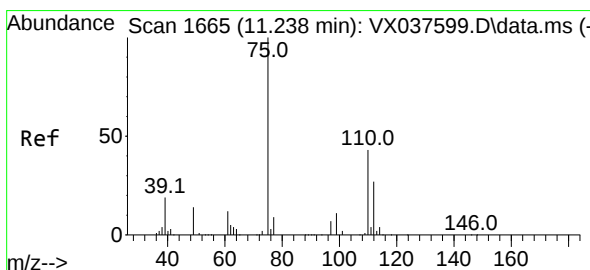
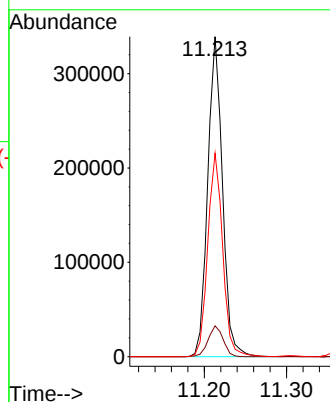
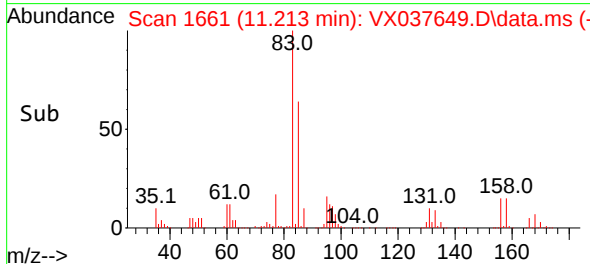
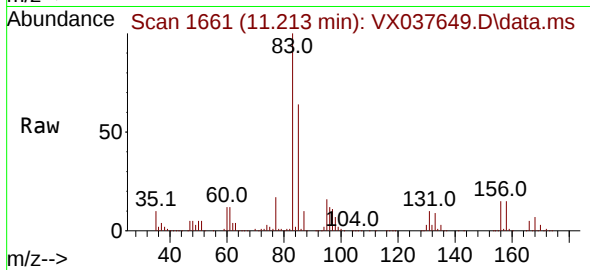
#75
1,1,2,2-Tetrachloroethane
Concen: 95.409 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 422798
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.3 32.0 96.2

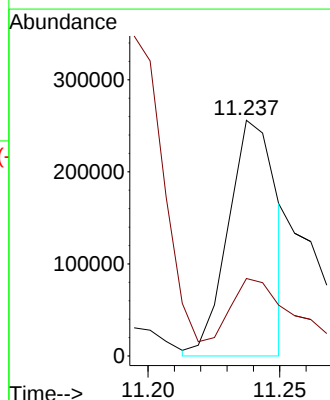
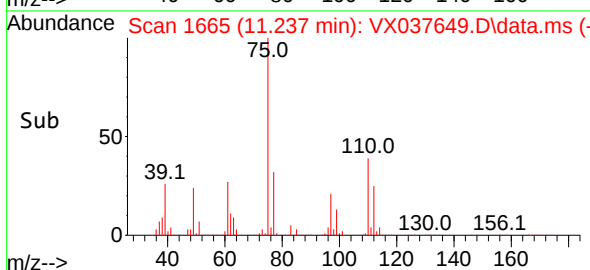
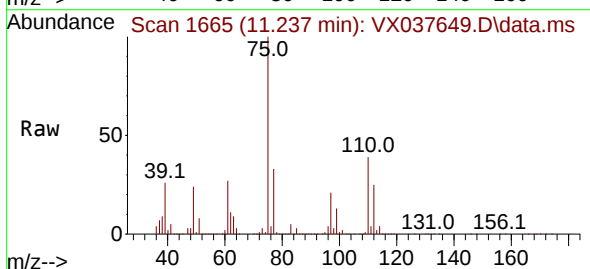
Manual Integrations
APPROVED

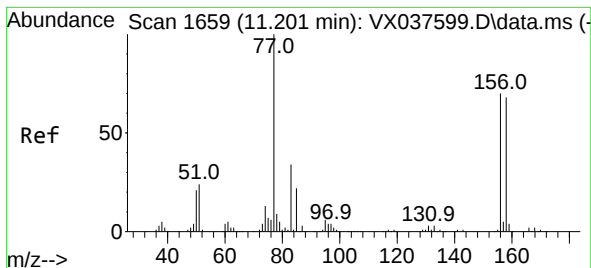
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 94.100 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 75 Resp: 324458
Ion Ratio Lower Upper
75 100
77 46.4 19.1 57.5





#77

Bromobenzene

Concen: 98.590 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

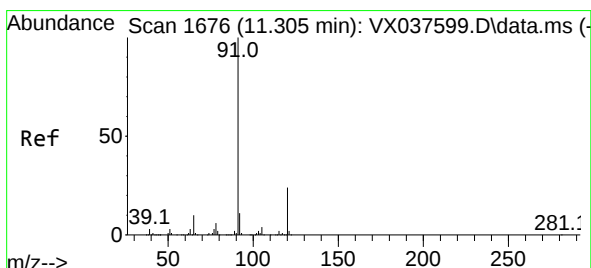
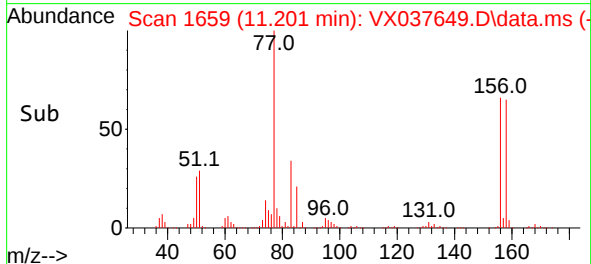
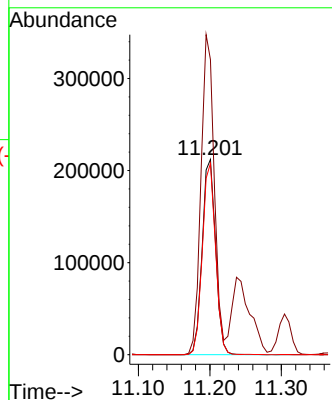
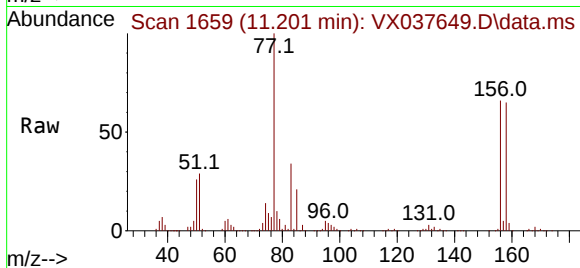
Tgt Ion:	156	Resp:	276540
Ion Ratio	Lower	Upper	
156	100		
77	161.3	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 98.710 ug/l

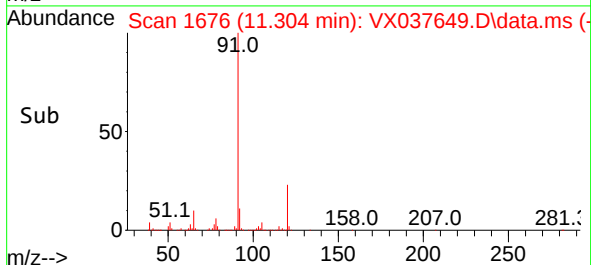
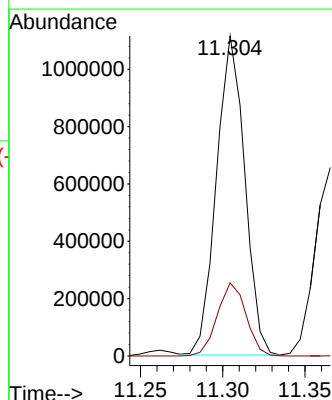
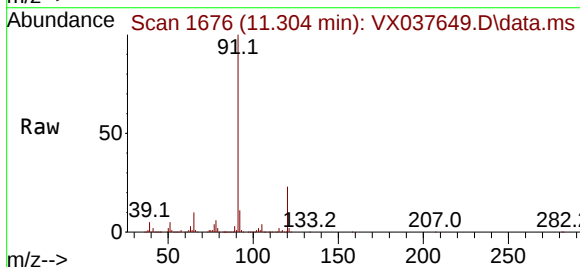
RT: 11.304 min Scan# 1676

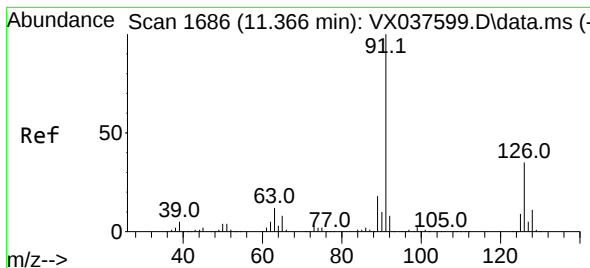
Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

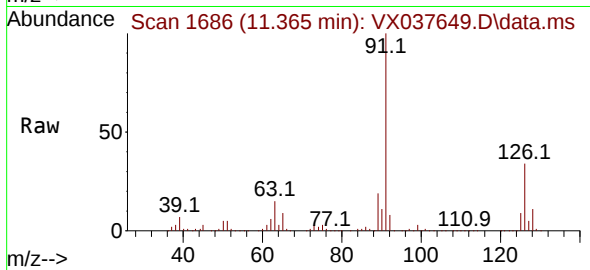
Tgt Ion:	91	Resp:	1331563
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79
2-Chlorotoluene
Concen: 95.862 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

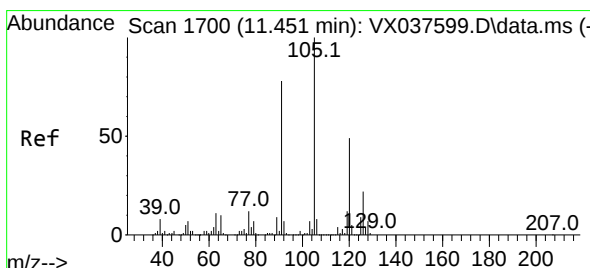
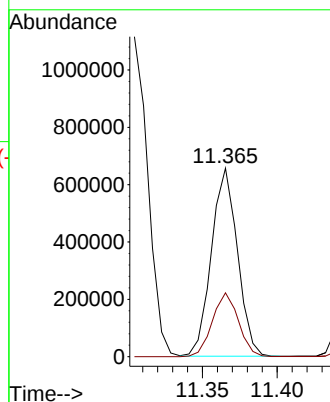
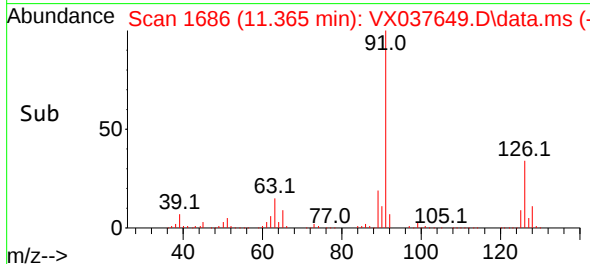
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



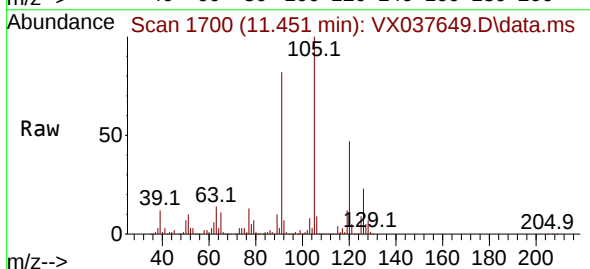
Tgt Ion: 91 Resp: 795258
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

Manual Integrations
APPROVED

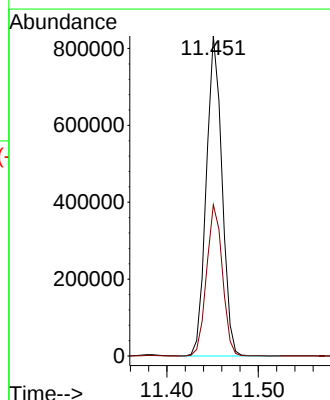
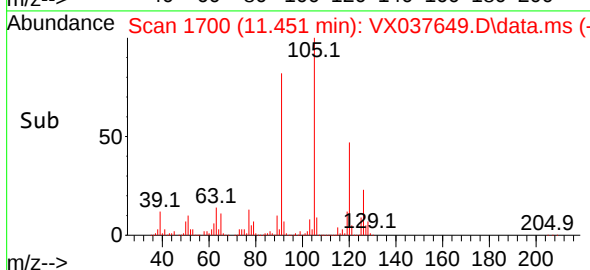
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

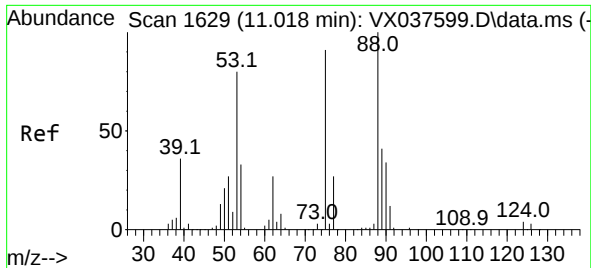


#80
1,3,5-Trimethylbenzene
Concen: 100.064 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



Tgt Ion:105 Resp: 987959
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





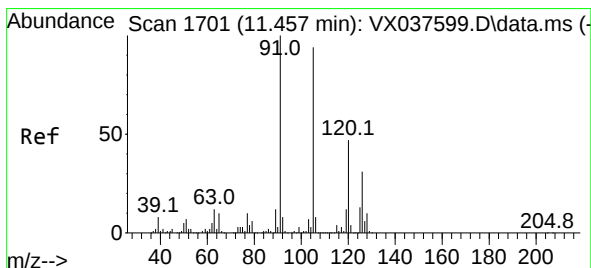
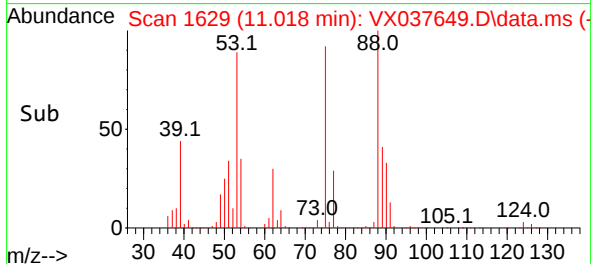
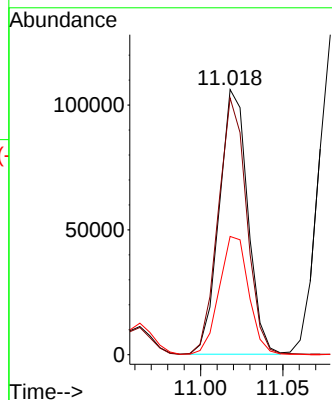
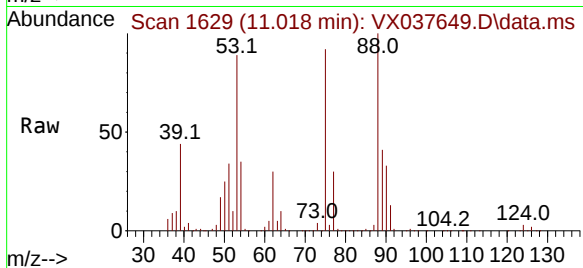
#81
trans-1,4-Dichloro-2-butene
Concen: 114.388 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 128488
Ion Ratio Lower Upper
75 100
53 96.2 90.5 135.7
89 46.3 36.9 55.3

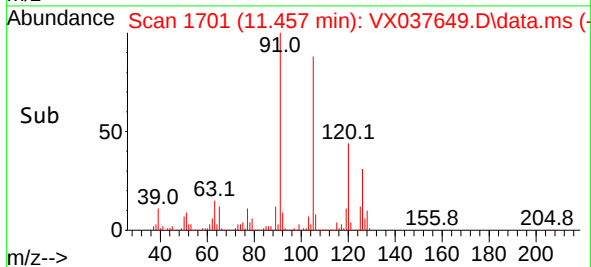
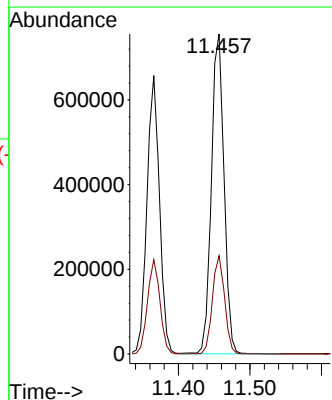
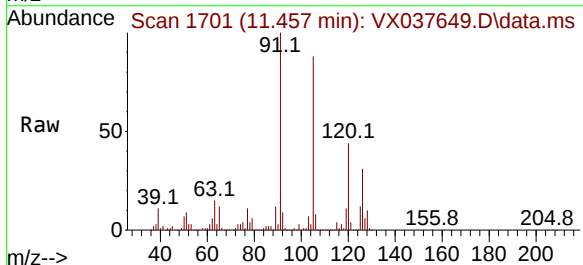
Manual Integrations
APPROVED

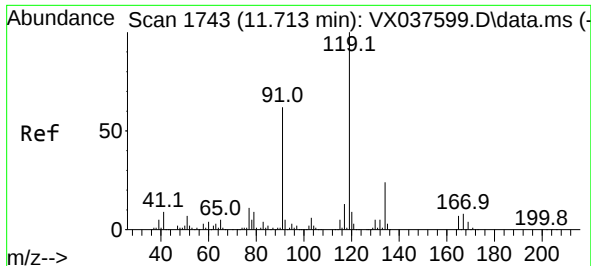
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 98.193 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

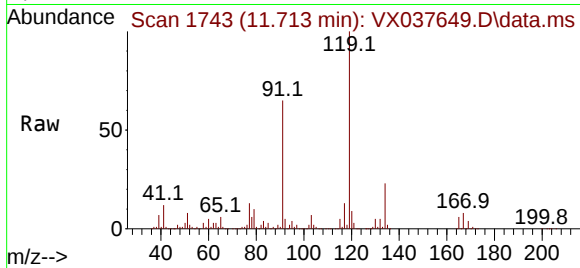
Tgt Ion: 91 Resp: 927129
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 100.155 ug/l
RT: 11.713 min Scan# 11743
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

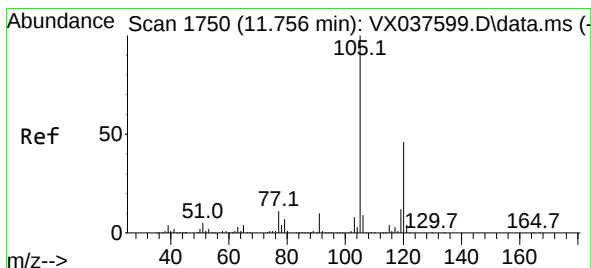
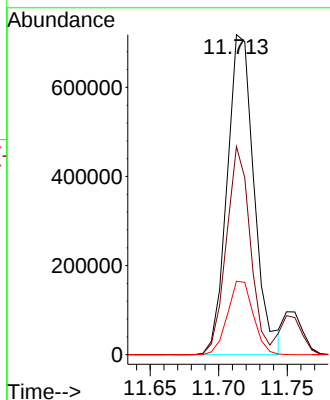
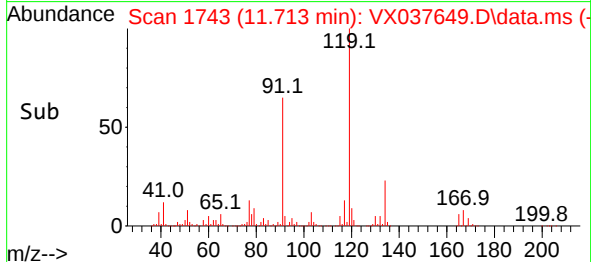
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



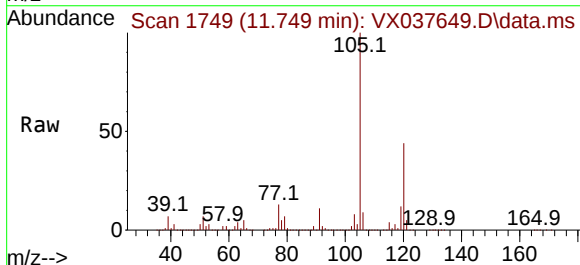
Tgt Ion:119 Resp: 985992
Ion Ratio Lower Upper
119 100
91 57.7 31.2 93.6
134 22.0 11.7 35.0

Manual Integrations
APPROVED

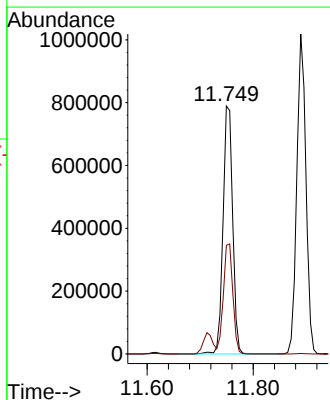
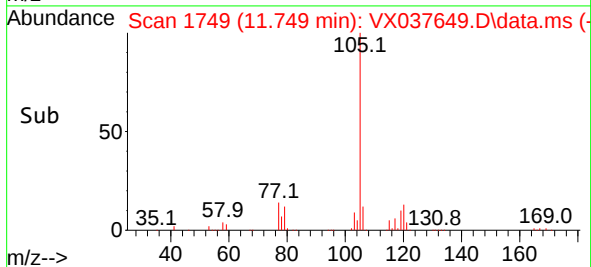
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

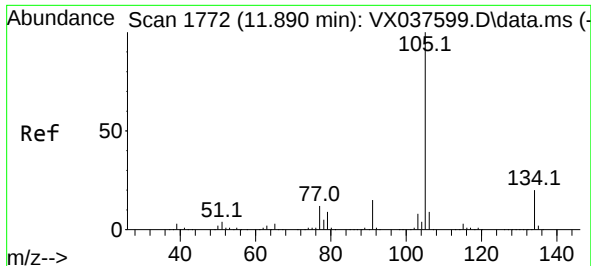


#84
1,2,4-Trimethylbenzene
Concen: 99.907 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37



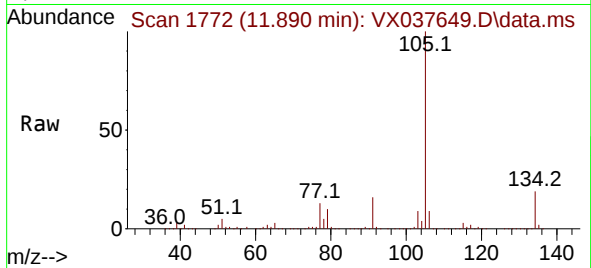
Tgt Ion:105 Resp: 990705
Ion Ratio Lower Upper
105 100
120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 99.637 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37

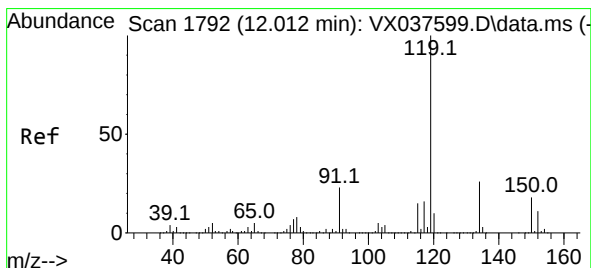
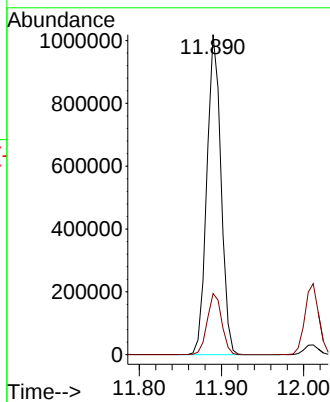
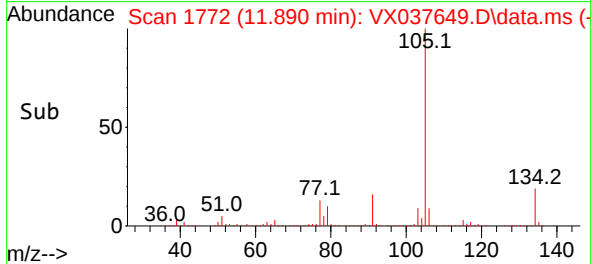
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



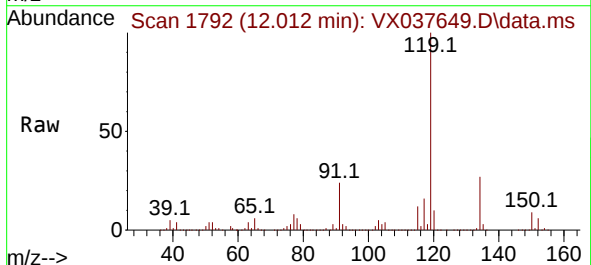
Tgt Ion:105 Resp: 121575
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
 APPROVED

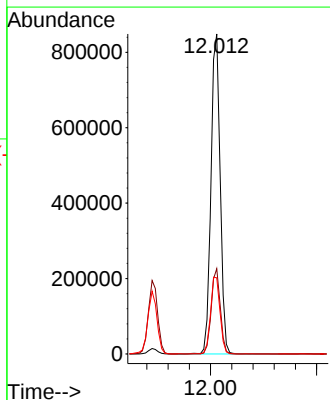
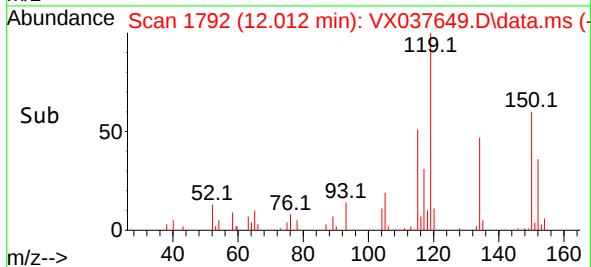
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

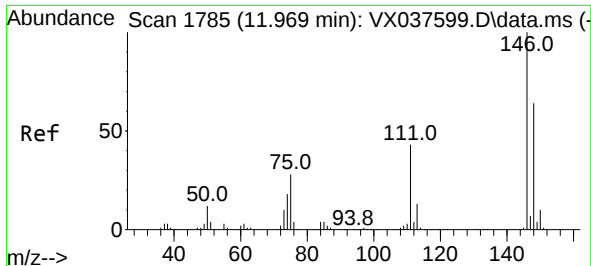


#86
 p-Isopropyltoluene
 Concen: 101.482 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.001 min
 Lab File: VX037649.D
 Acq: 11 Sep 2023 18:37



Tgt Ion:119 Resp: 1019690
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 97.104 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 517514

Ion Ratio Lower Upper

146 100

111 42.2 22.1 66.1

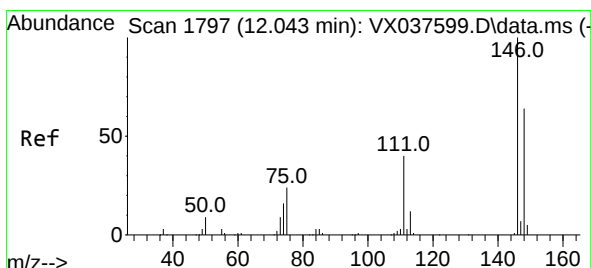
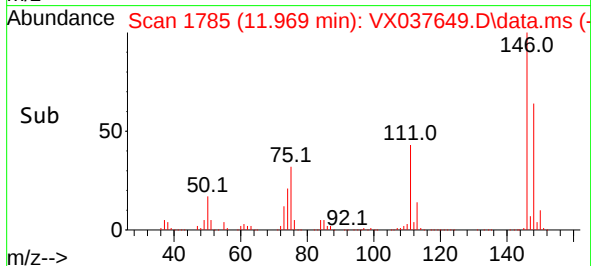
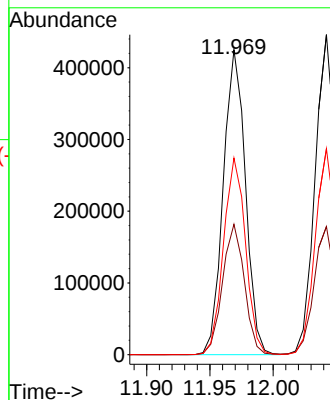
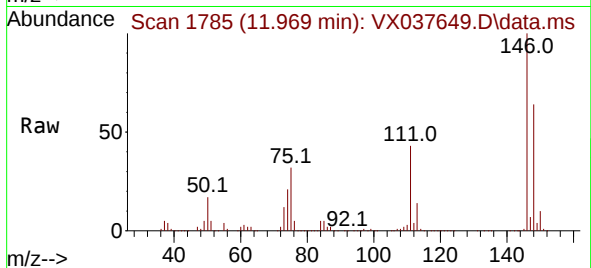
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 96.488 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

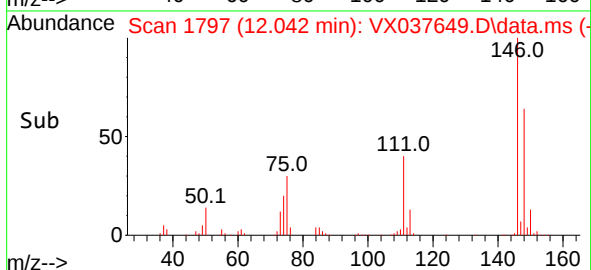
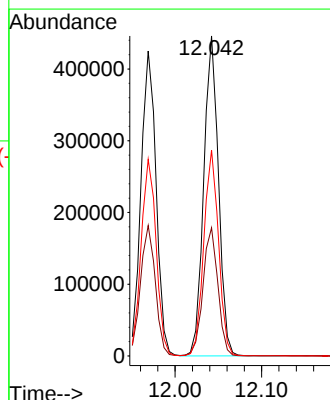
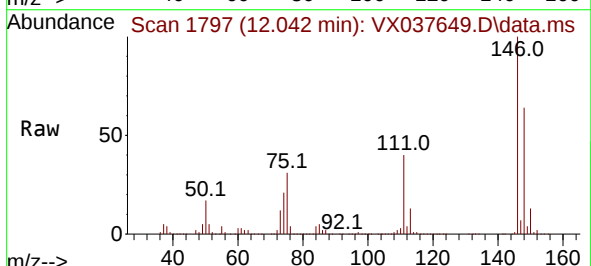
Tgt Ion:146 Resp: 526229

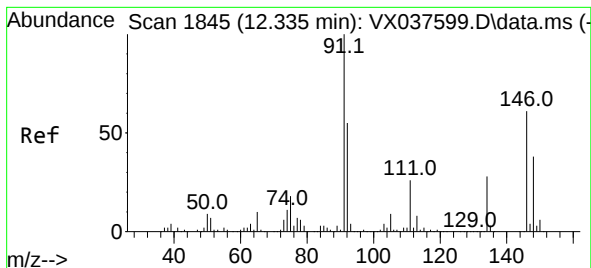
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

148 64.4 31.8 95.4





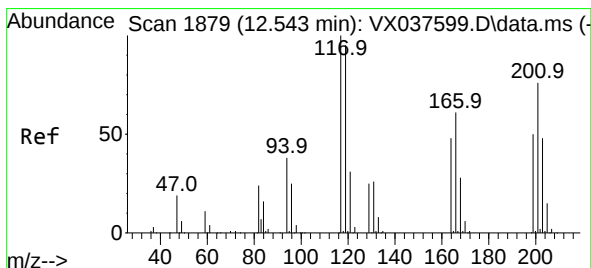
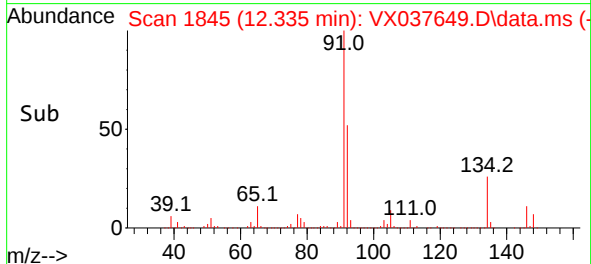
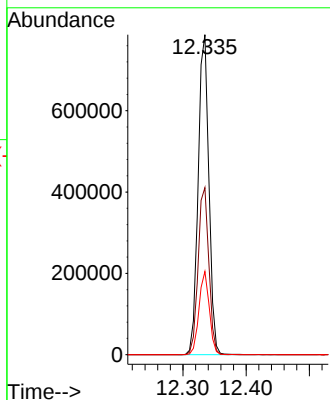
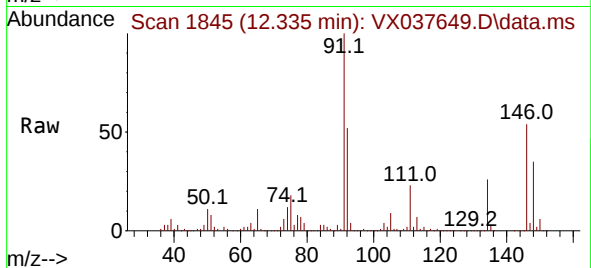
#89
n-Butylbenzene
Concen: 103.262 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 928825
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 25.1 12.6 37.8

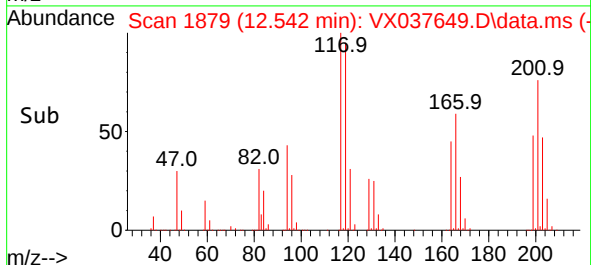
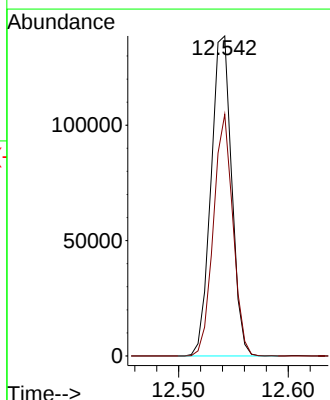
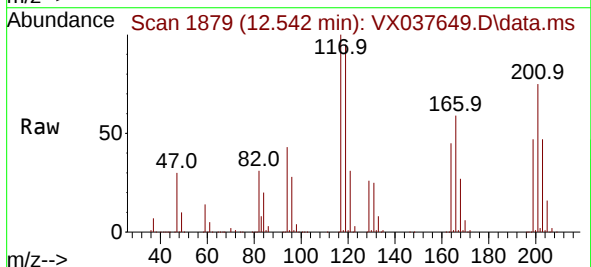
Manual Integrations
APPROVED

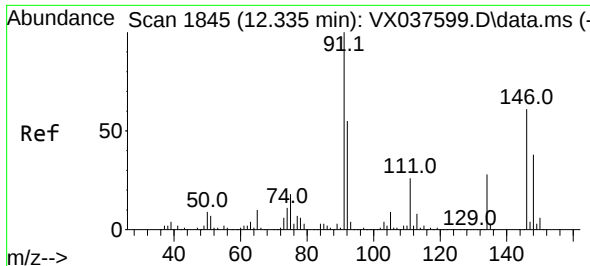
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 107.096 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

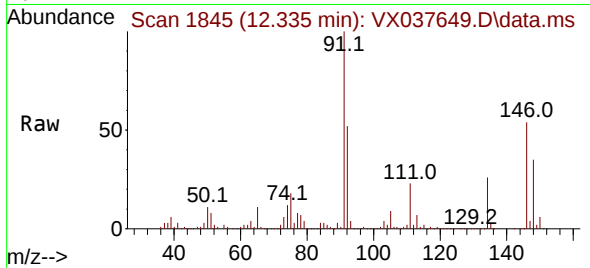
Tgt Ion:117 Resp: 181932
Ion Ratio Lower Upper
117 100
201 71.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 96.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

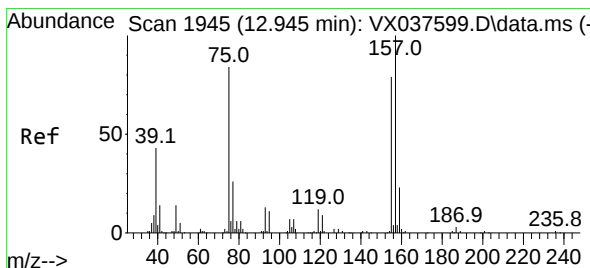
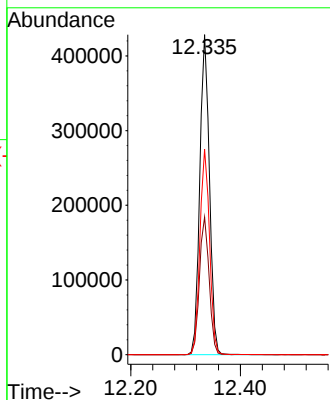
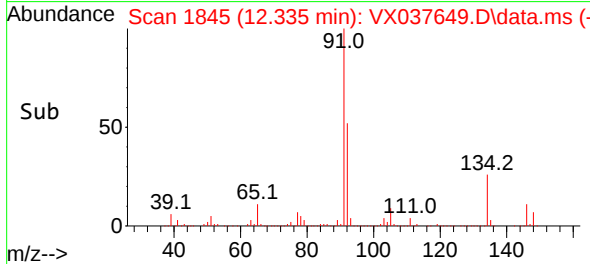
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 524129
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.0
148 64.2 31.6 95.0

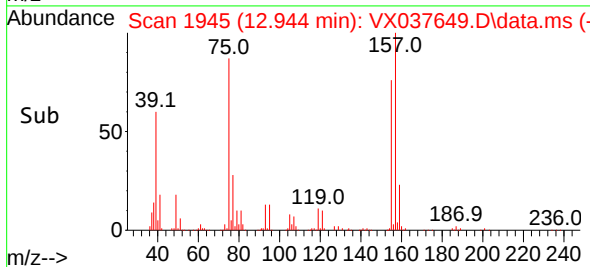
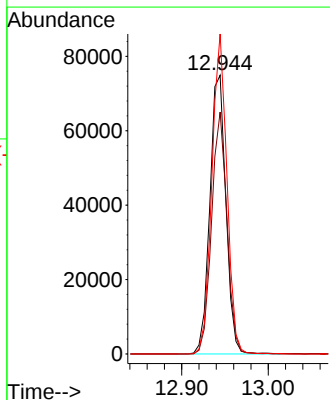
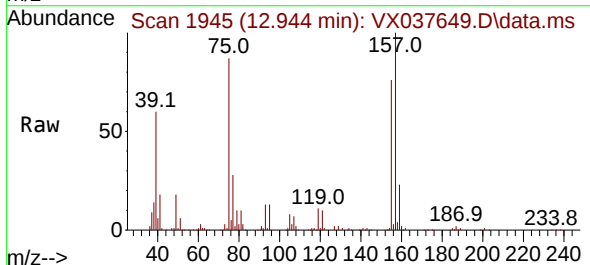
Manual Integrations
APPROVED

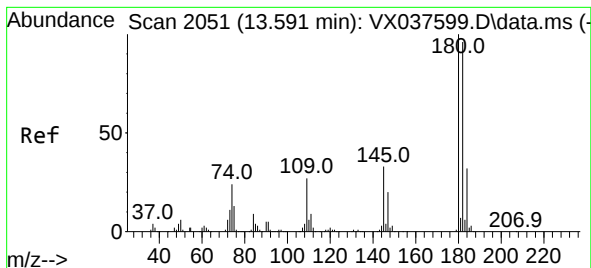
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.506 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion: 75 Resp: 96334
Ion Ratio Lower Upper
75 100
155 83.4 36.1 108.5
157 107.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 104.981 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.007 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 330460

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

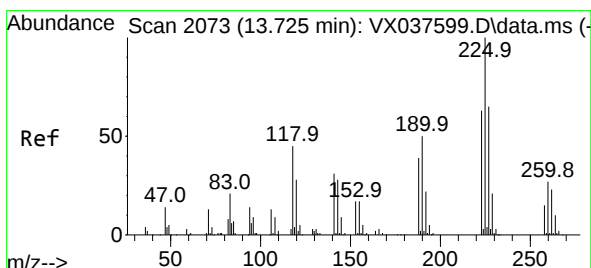
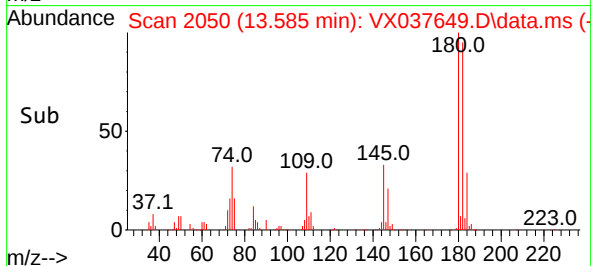
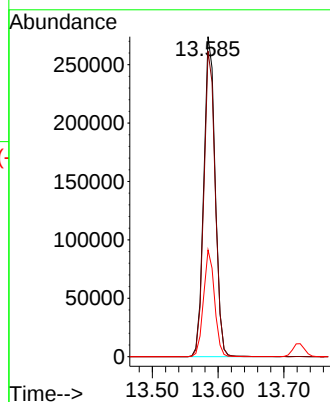
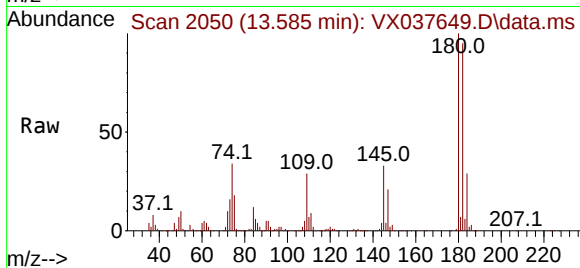
145 32.2 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 97.255 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.001 min

Lab File: VX037649.D

Acq: 11 Sep 2023 18:37

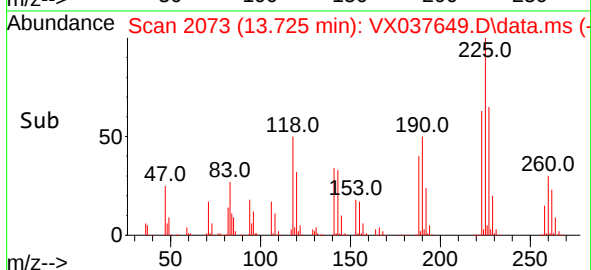
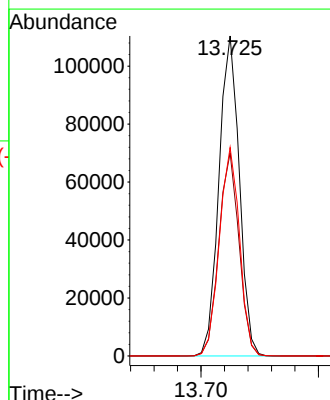
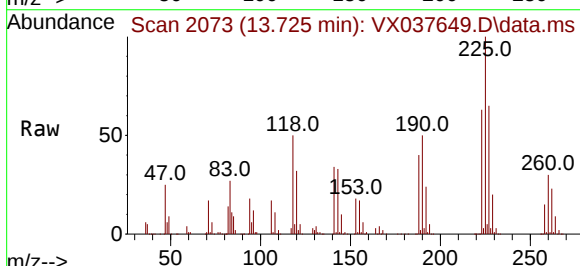
Tgt Ion:225 Resp: 132682

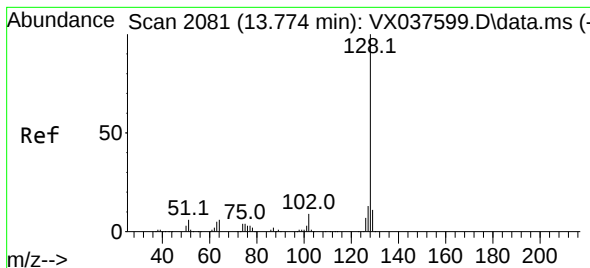
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

227 64.8 32.5 97.5





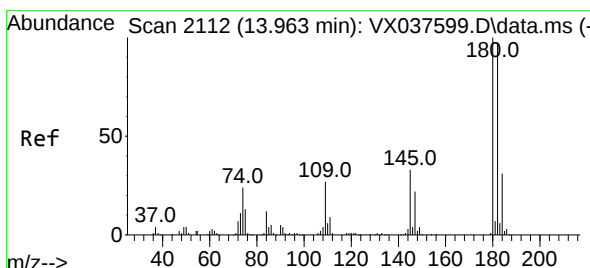
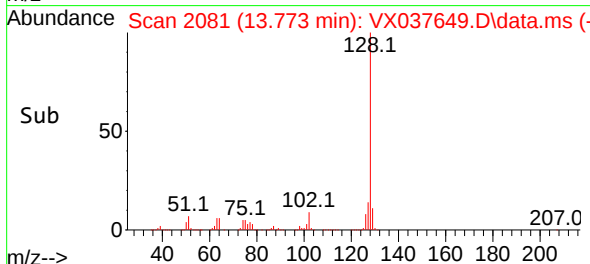
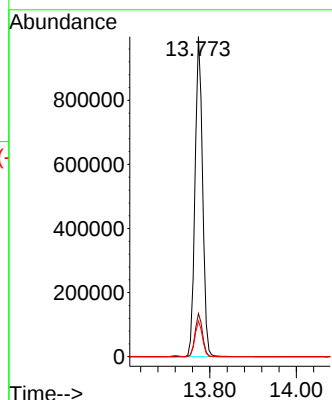
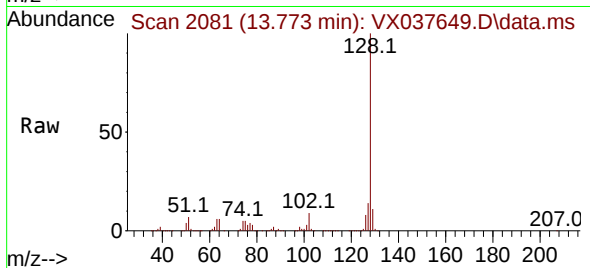
#95
Naphthalene
Concen: 105.711 ug/l
RT: 13.773 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 120452
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 103.552 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. -0.001 min
Lab File: VX037649.D
Acq: 11 Sep 2023 18:37

Tgt Ion:180 Resp: 336135
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 34.2 17.8 53.5

