

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
 Data File : VX035934.D
 Acq On : 31 May 2023 14:24
 Operator : JC/MD
 Sample : VX0531WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: May 31 17:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	203589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154887	46.850	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.700%		
35) Dibromofluoromethane	5.385	113	116494	48.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.720%		
50) Toluene-d8	8.647	98	428773	49.593	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.180%		
62) 4-Bromofluorobenzene	11.079	95	170909	50.076	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43504	19.558	ug/l	97
3) Chloromethane	1.294	50	49415	19.436	ug/l	98
4) Vinyl Chloride	1.374	62	46241	19.362	ug/l	99
5) Bromomethane	1.618	94	29678	18.868	ug/l	99
6) Chloroethane	1.691	64	28966	20.598	ug/l	100
7) Trichlorofluoromethane	1.886	101	66959	19.925	ug/l	98
8) Diethyl Ether	2.130	74	27370	18.753	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	40780	19.552	ug/l	99
10) Methyl Iodide	2.453	142	46402	18.899	ug/l	96
11) Tert butyl alcohol	3.014	59	59047	100.571	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	39335	19.259	ug/l	96
13) Acrolein	2.239	56	54359	96.119	ug/l	97
14) Allyl chloride	2.666	41	78671	18.737	ug/l	94
15) Acrylonitrile	3.069	53	137821	99.910	ug/l	99
16) Acetone	2.398	43	132585	97.209	ug/l	95
17) Carbon Disulfide	2.514	76	97436	19.038	ug/l	98
18) Methyl Acetate	2.709	43	106109	20.012	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	156543	19.566	ug/l	97
20) Methylene Chloride	2.788	84	49916	18.999	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	44902	19.232	ug/l	100
22) Diisopropyl ether	3.757	45	160188	19.615	ug/l	96
23) Vinyl Acetate	3.721	43	578009	100.739	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87138	19.238	ug/l	98
25) 2-Butanone	4.568	43	200504	102.710	ug/l	98
26) 2,2-Dichloropropane	4.477	77	67897	19.666	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	54700	19.520	ug/l	94
28) Bromochloromethane	4.897	49	46597	19.645	ug/l	92
29) Tetrahydrofuran	5.013	42	130792	103.970	ug/l	99
30) Chloroform	5.093	83	89578	19.200	ug/l	95
31) Cyclohexane	5.471	56	69811	20.168	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	77858	19.748	ug/l	97
36) 1,1-Dichloropropene	5.690	75	63129	19.654	ug/l	98
37) Ethyl Acetate	4.715	43	75688	21.159	ug/l	99
38) Carbon Tetrachloride	5.678	117	62038	19.819	ug/l	97
39) Methylcyclohexane	7.379	83	68790	20.526	ug/l	99
40) Benzene	6.038	78	191135	19.827	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	41885	20.640	ug/l	97
42) 1,2-Dichloroethane	6.080	62	75681	19.824	ug/l	98
43) Isopropyl Acetate	6.342	43	119414	20.302	ug/l	99
44) Trichloroethene	7.123	130	49852	19.935	ug/l	93
45) 1,2-Dichloropropane	7.428	63	50243	19.802	ug/l	100
46) Dibromomethane	7.580	93	34988	19.851	ug/l	96
47) Bromodichloromethane	7.824	83	65712	19.820	ug/l	98
48) Methyl methacrylate	7.690	41	58545	20.297	ug/l	94
49) 1,4-Dioxane	7.726	88	27269	412.779	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	378907	105.535	ug/l	99
52) Toluene	8.720	92	121076	19.977	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	68966	19.678	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	77682	20.072	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	50457	19.982	ug/l	97
56) Ethyl methacrylate	9.116	69	76098	20.157	ug/l	96
57) 1,3-Dichloropropane	9.305	76	86648	19.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	195776	98.971	ug/l	99
59) 2-Hexanone	9.427	43	296424	111.674	ug/l	99
60) Dibromochloromethane	9.519	129	48005	19.584	ug/l	98
61) 1,2-Dibromoethane	9.610	107	52142	20.199	ug/l	98
64) Tetrachloroethene	9.275	164	39536	19.464	ug/l	96
65) Chlorobenzene	10.079	112	129398	19.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	46564	20.299	ug/l	100
67) Ethyl Benzene	10.195	91	234209	20.177	ug/l	100
68) m/p-Xylenes	10.299	106	179677	40.801	ug/l	96
69) o-Xylene	10.640	106	89074	20.129	ug/l	96
70) Styrene	10.653	104	147894	20.684	ug/l	98
71) Bromoform	10.799	173	30540	19.223	ug/l #	97
73) Isopropylbenzene	10.963	105	227134	20.120	ug/l	98
74) N-amyl acetate	10.842	43	99957	20.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78174	20.244	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66862m	19.083	ug/l	
77) Bromobenzene	11.195	156	54801	19.630	ug/l	95
78) n-propylbenzene	11.305	91	260682	20.459	ug/l	97
79) 2-Chlorotoluene	11.366	91	163389	19.690	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	195924	20.585	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18961	18.228	ug/l	96
82) 4-Chlorotoluene	11.451	91	190646	20.017	ug/l	97
83) tert-Butylbenzene	11.713	119	186105	20.467	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	196205	20.087	ug/l	99
85) sec-Butylbenzene	11.890	105	224191	20.786	ug/l	99
86) p-Isopropyltoluene	12.006	119	190264	20.633	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	102738	20.090	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	103631	19.237	ug/l	100
89) n-Butylbenzene	12.329	91	158893	20.396	ug/l	99
90) Hexachloroethane	12.536	117	28223	19.301	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	102974	20.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16563	20.783	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	60036	20.265	ug/l	99
94) Hexachlorobutadiene	13.725	225	22807	20.238	ug/l	96
95) Naphthalene	13.774	128	220230	21.359	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60075	20.558	ug/l	99

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

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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

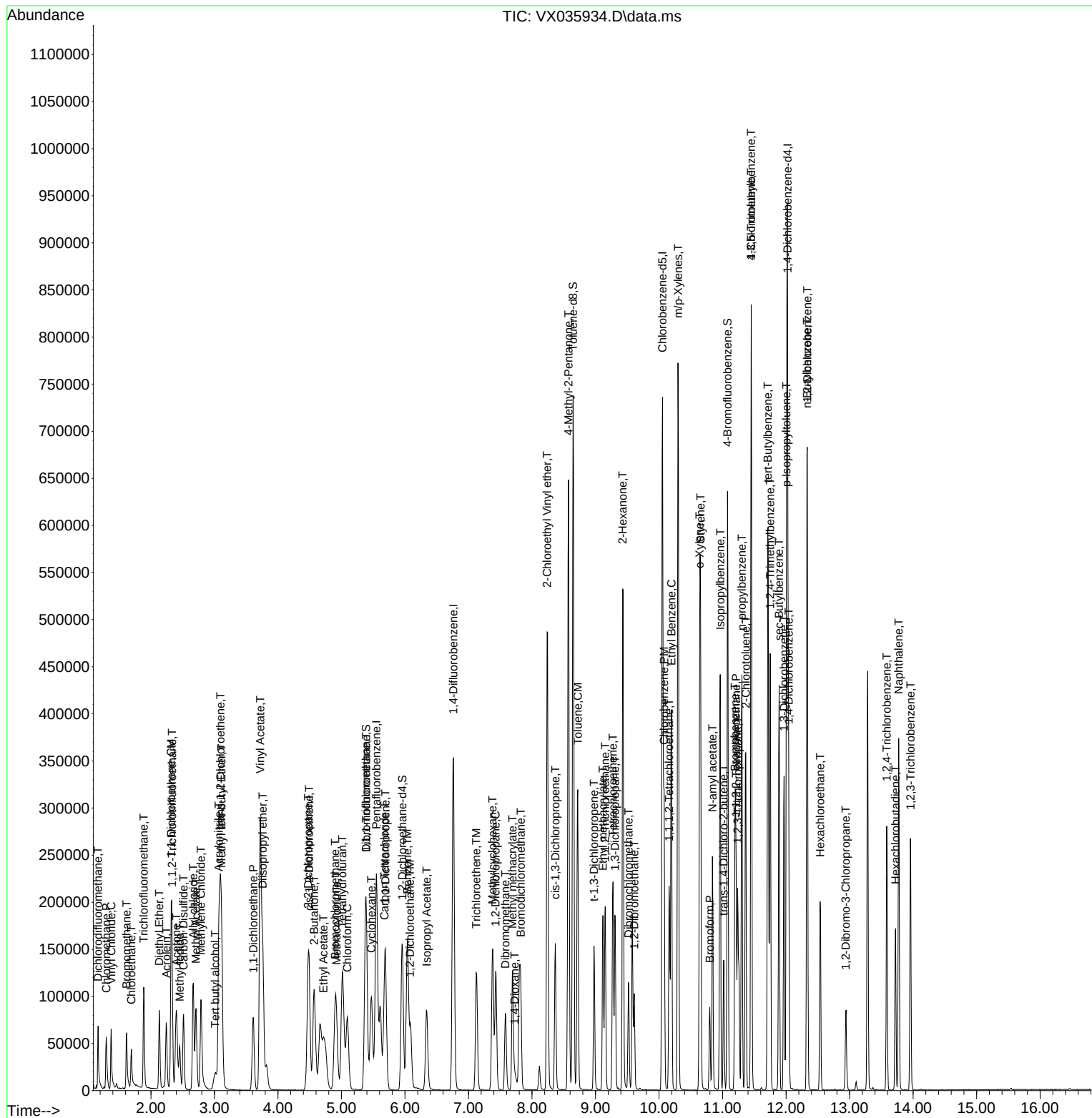
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053123\
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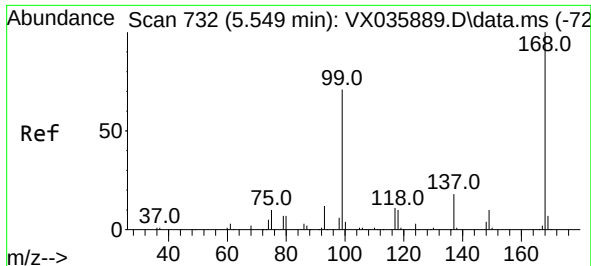
Instrument :
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Manual Integrations
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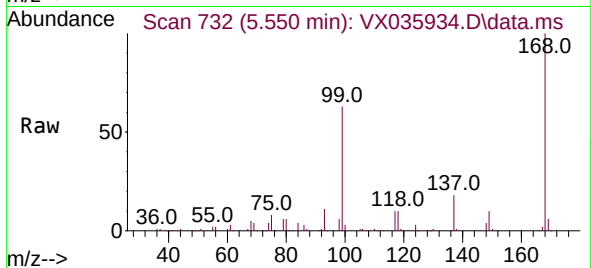
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035934.D
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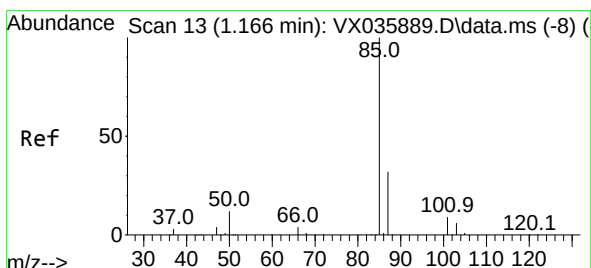
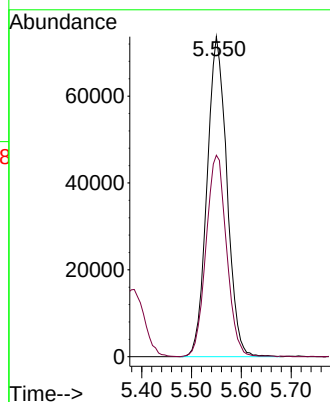
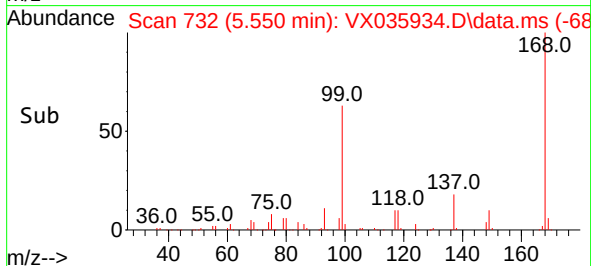
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion:168 Resp: 203589
Ion Ratio Lower Upper
168 100
99 62.9 57.0 85.6

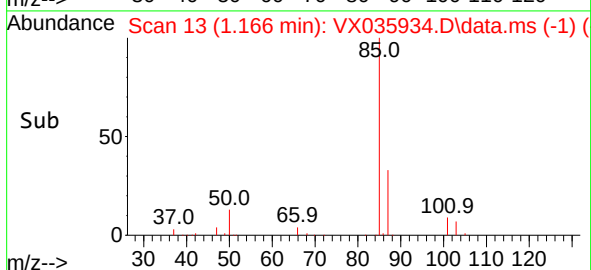
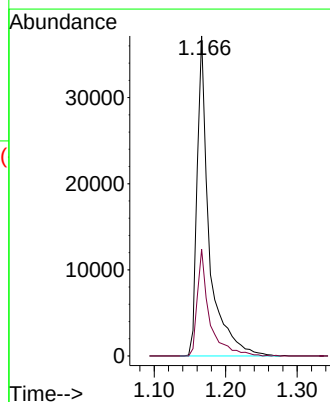
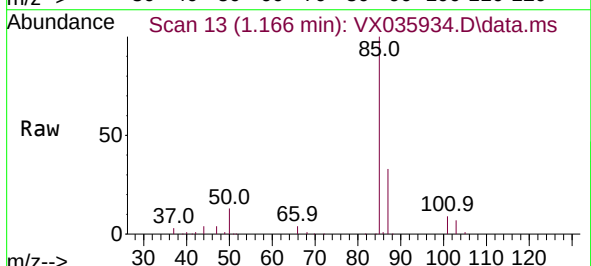
Manual Integrations
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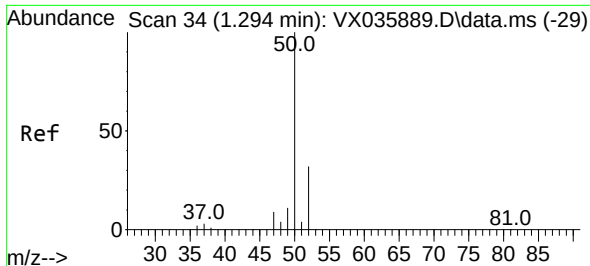
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#2
Dichlorodifluoromethane
Concen: 19.558 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 85 Resp: 43504
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





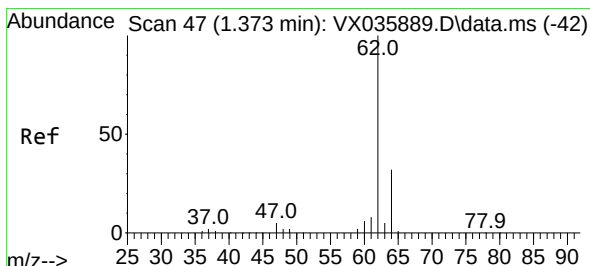
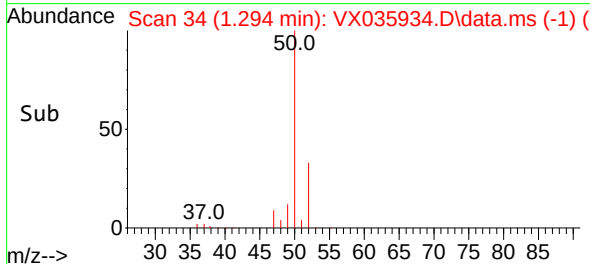
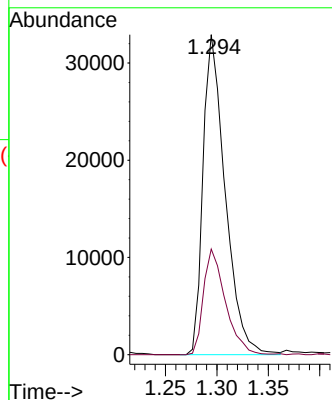
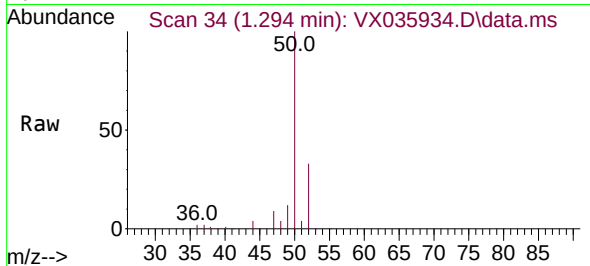
#3
Chloromethane
Concen: 19.436 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4941
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

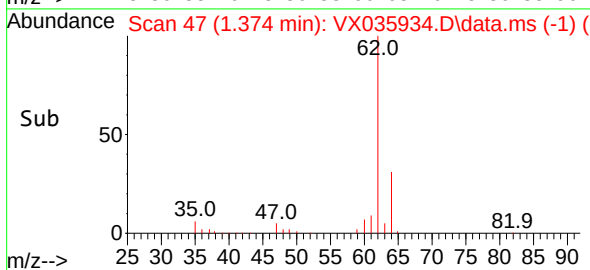
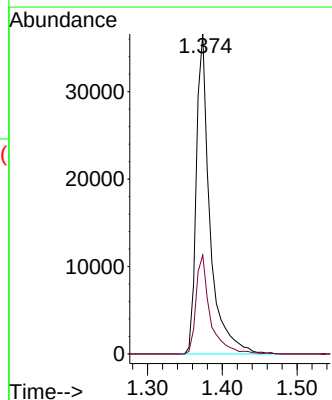
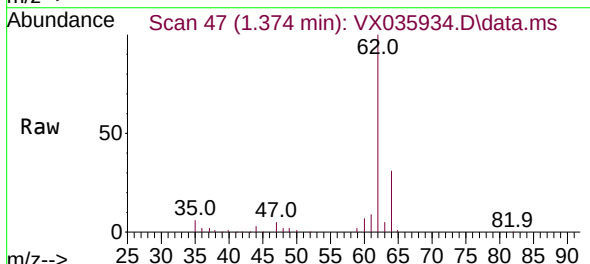
Manual Integrations
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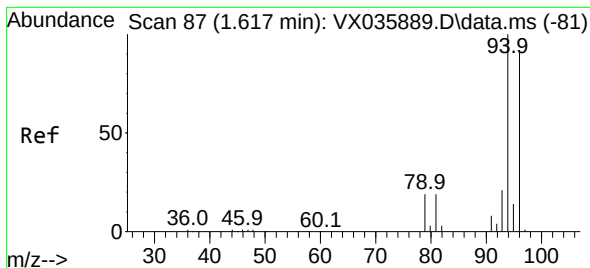
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#4
Vinyl Chloride
Concen: 19.362 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

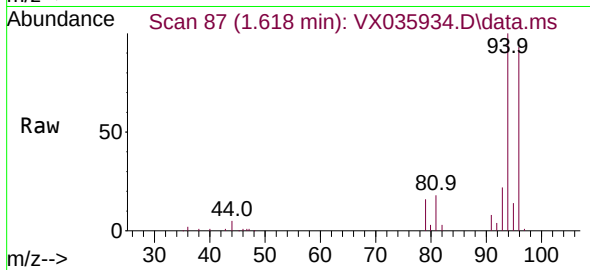
Tgt Ion: 62 Resp: 46241
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8





#5
Bromomethane
Concen: 18.868 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

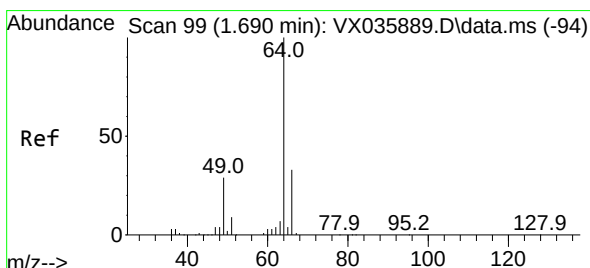
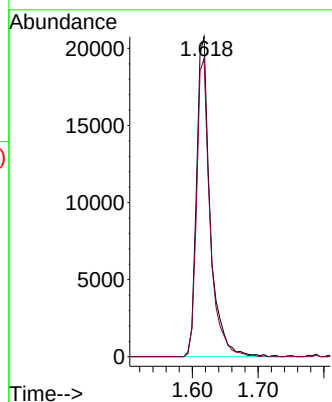
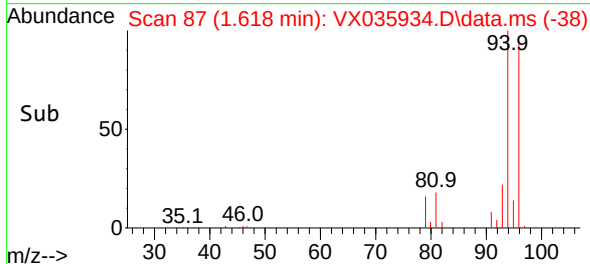
Instrument :
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Tgt Ion: 94 Resp: 29678
Ion Ratio Lower Upper
94 100
96 93.1 73.5 110.3

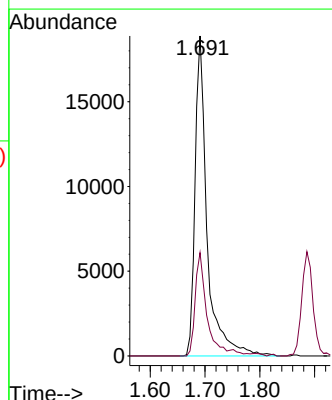
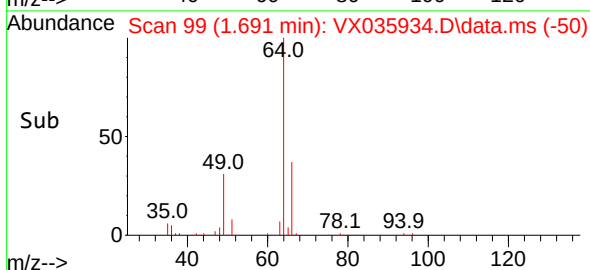
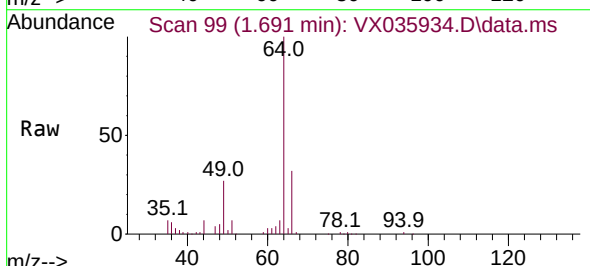
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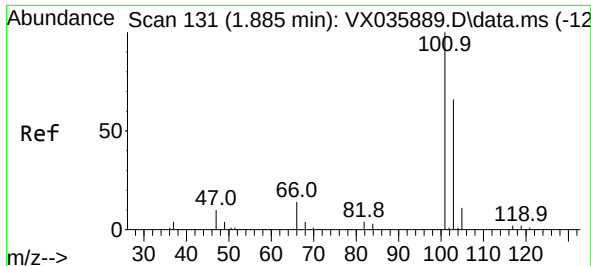
Reviewed By :John Carlone 06/01/2023
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#6
Chloroethane
Concen: 20.598 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

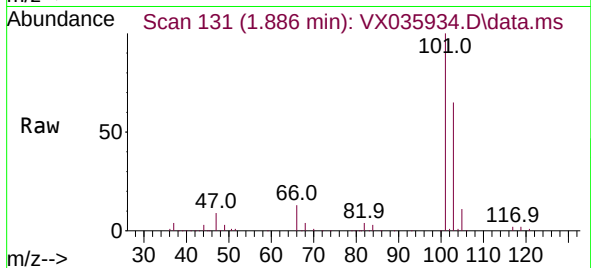
Tgt Ion: 64 Resp: 28966
Ion Ratio Lower Upper
64 100
66 32.3 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 19.925 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035934.D
 Acq: 31 May 2023 14:24

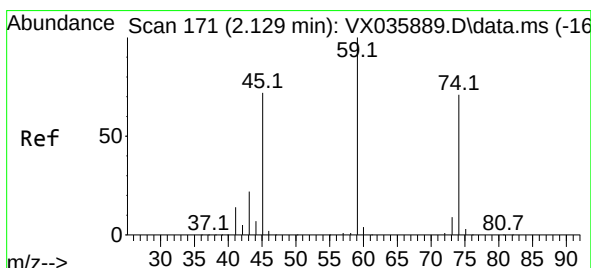
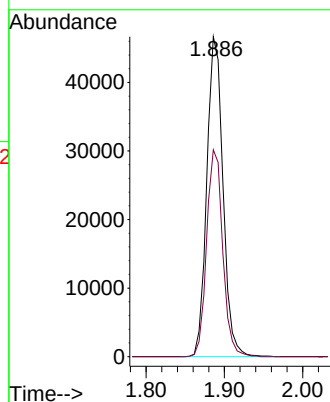
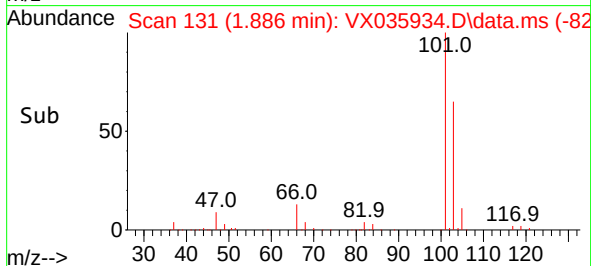
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 66959
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.2 79.8

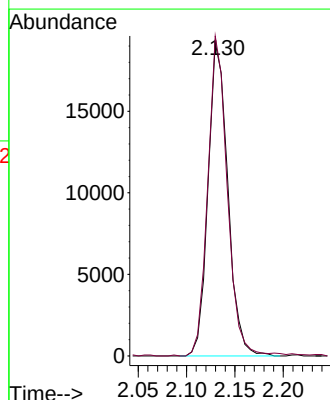
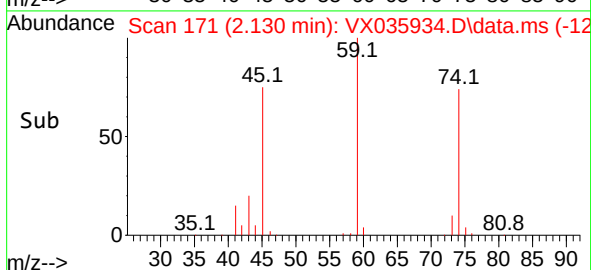
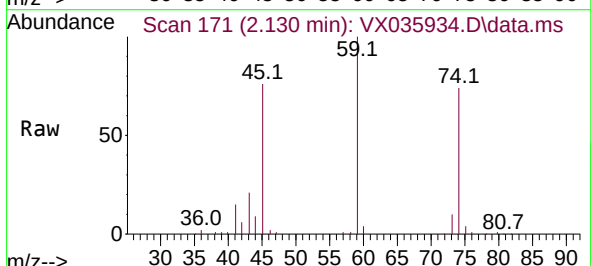
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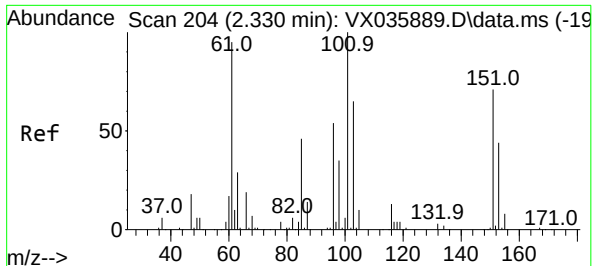
Reviewed By :John Carlone 06/01/2023
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#8
 Diethyl Ether
 Concen: 18.753 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX035934.D
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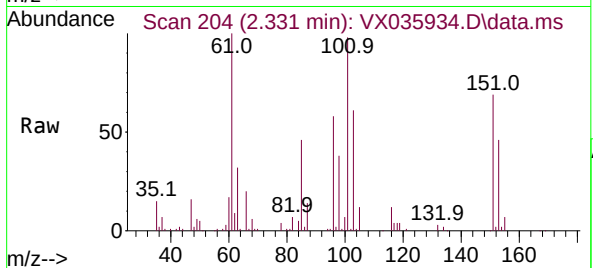
Tgt Ion: 74 Resp: 27370
 Ion Ratio Lower Upper
 74 100
 45 102.0 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.552 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

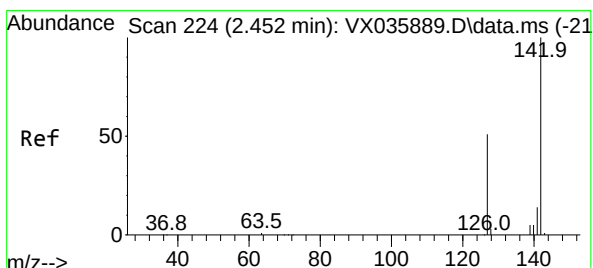
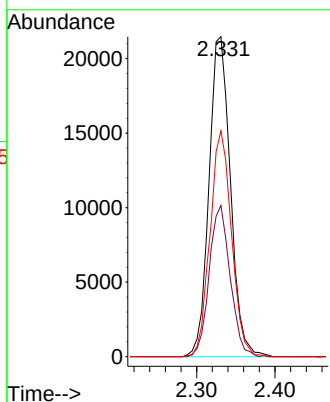
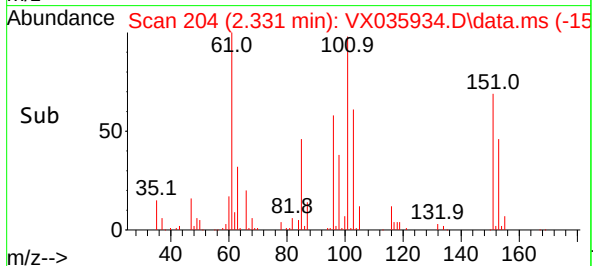
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



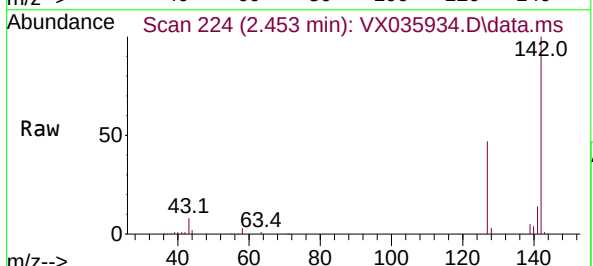
Tgt Ion:101 Resp: 40780
Ion Ratio Lower Upper
101 100
85 46.2 37.3 55.9
151 70.8 57.0 85.6

Manual Integrations
APPROVED

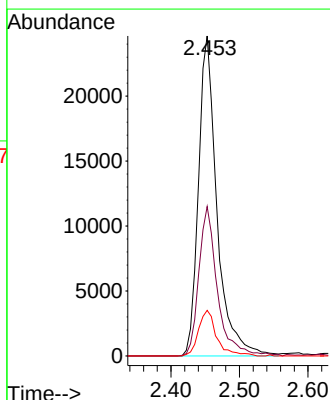
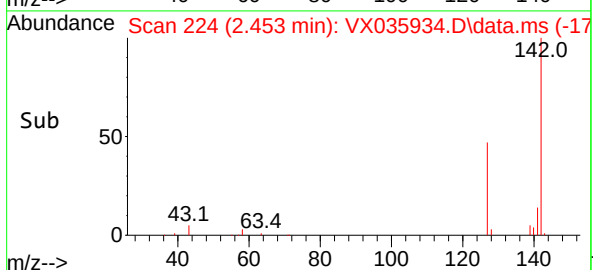
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

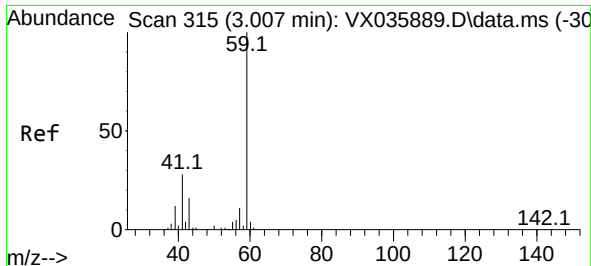


#10
Methyl Iodide
Concen: 18.899 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion:142 Resp: 46402
Ion Ratio Lower Upper
142 100
127 46.8 40.3 60.5
141 14.0 11.4 17.0





#11

Tert butyl alcohol

Concen: 100.571 ug/l

RT: 3.014 min Scan# 315

Delta R.T. 0.007 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 59 Resp: 5904

Ion Ratio Lower Upper

59 100

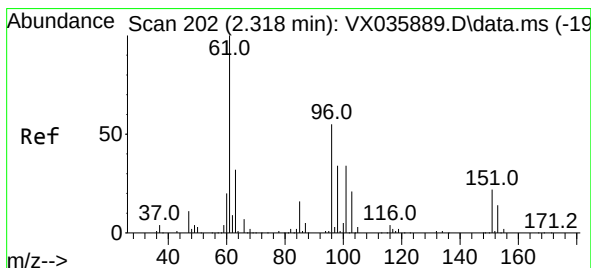
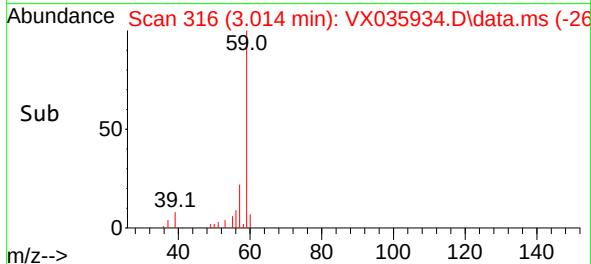
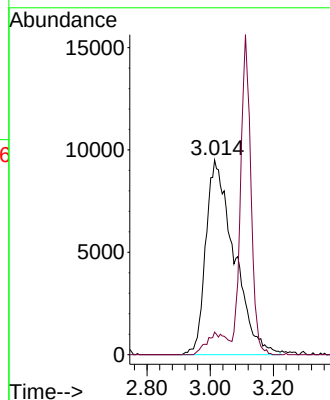
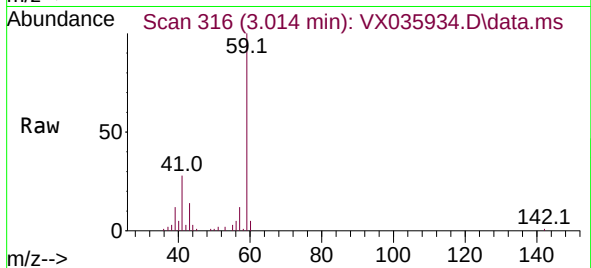
57 4.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#12

1,1-Dichloroethene

Concen: 19.259 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

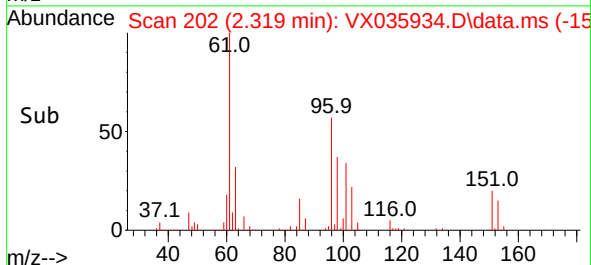
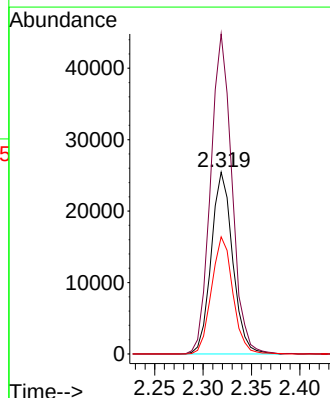
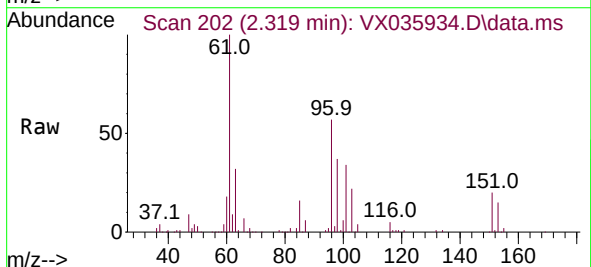
Tgt Ion: 96 Resp: 39335

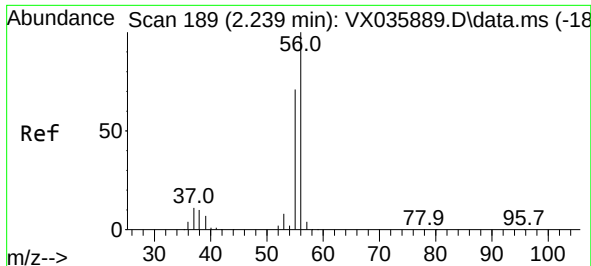
Ion Ratio Lower Upper

96 100

61 176.0 145.2 217.8

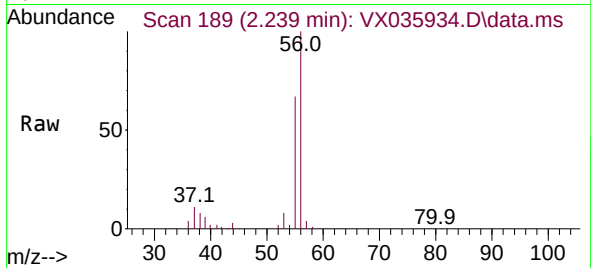
98 64.5 49.3 73.9





#13
Acrolein
Concen: 96.119 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

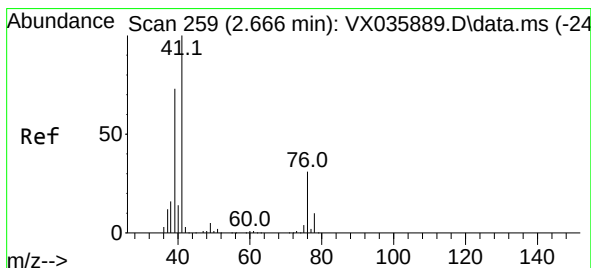
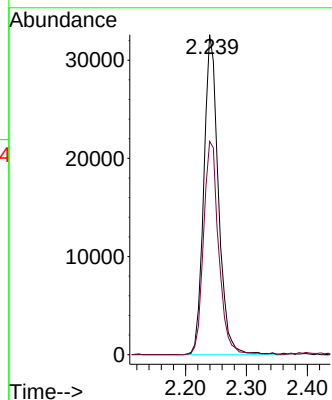
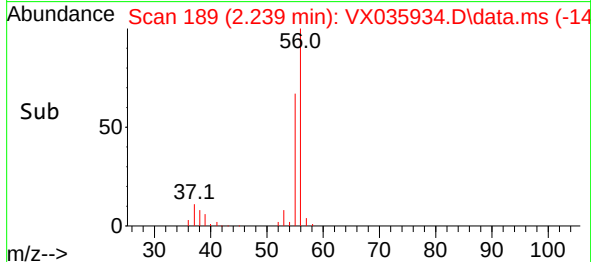
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 56 Resp: 54359
Ion Ratio Lower Upper
56 100
55 69.2 57.3 85.9

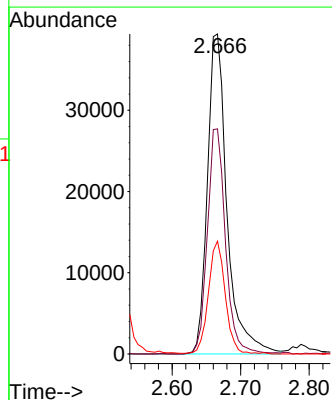
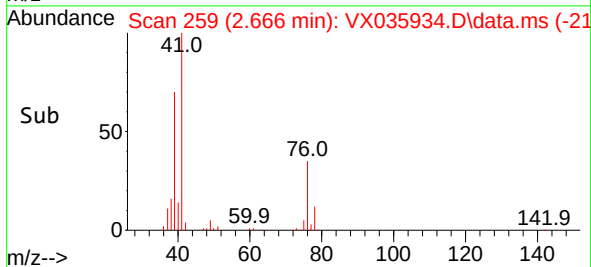
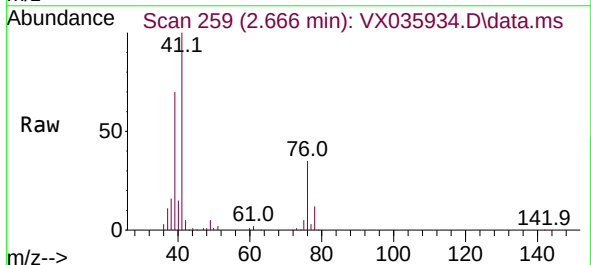
Manual Integrations
APPROVED

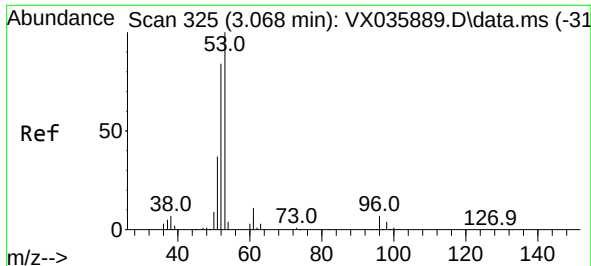
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#14
Allyl chloride
Concen: 18.737 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 41 Resp: 78671
Ion Ratio Lower Upper
41 100
39 64.8 56.9 85.3
76 30.5 24.1 36.1





#15

Acrylonitrile

Concen: 99.910 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

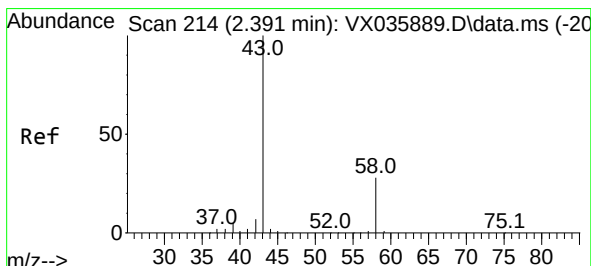
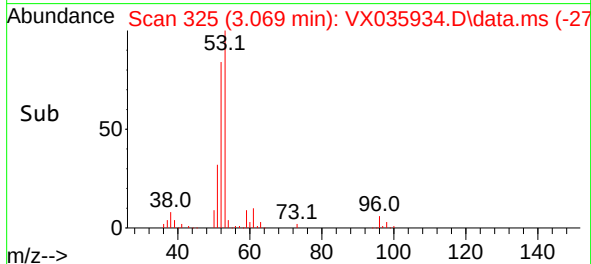
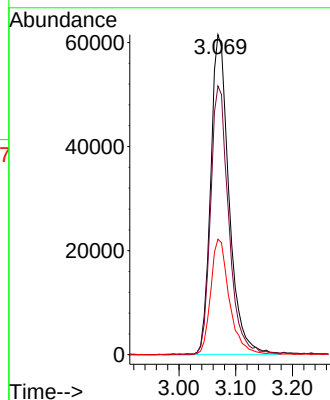
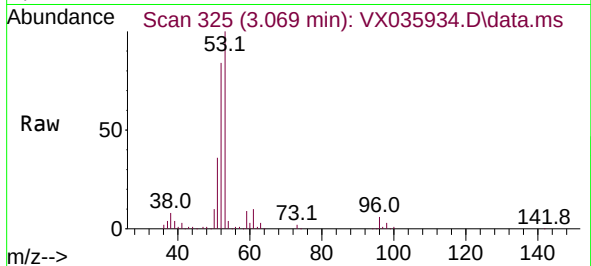
Tgt Ion: 53	Resp: 13782
Ion Ratio	Lower Upper
53 100	
52 83.5	67.0 100.4
51 36.0	29.8 44.8

Manual Integrations

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Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#16

Acetone

Concen: 97.209 ug/l

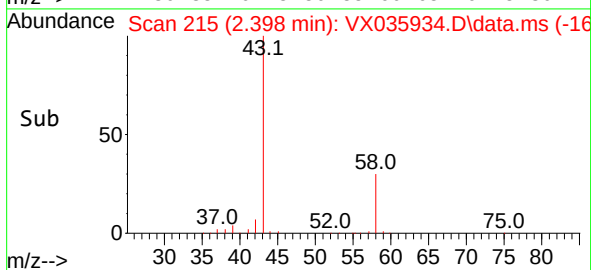
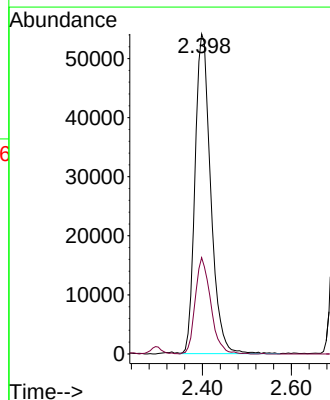
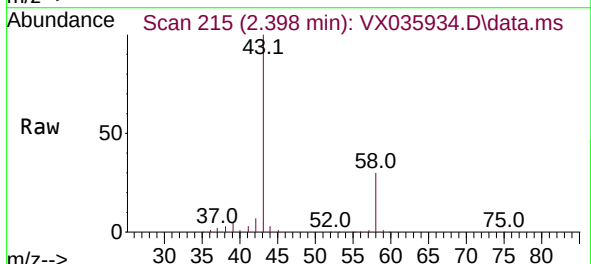
RT: 2.398 min Scan# 215

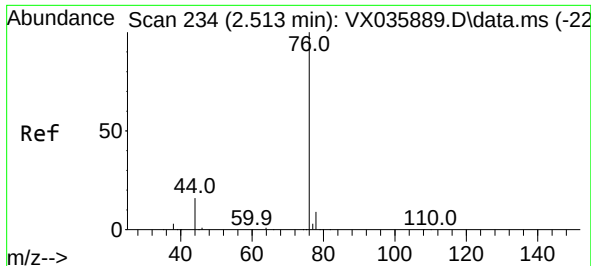
Delta R.T. 0.007 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

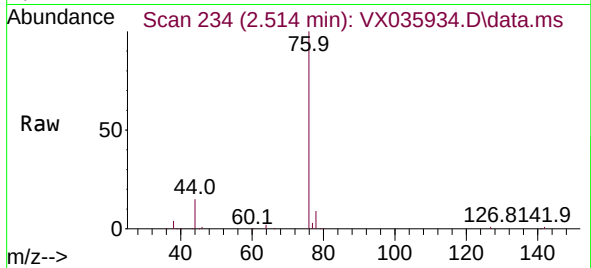
Tgt Ion: 43	Resp: 132585
Ion Ratio	Lower Upper
43 100	
58 30.1	22.2 33.2





#17
Carbon Disulfide
Concen: 19.038 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

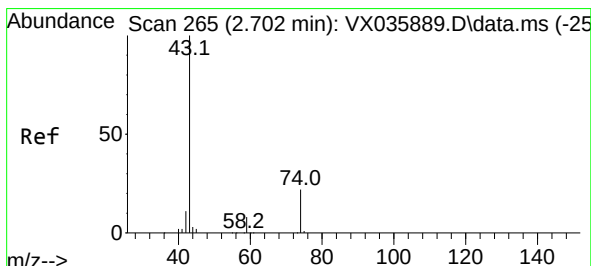
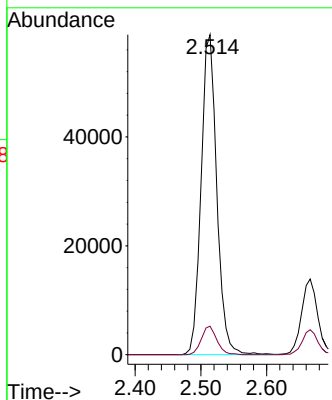
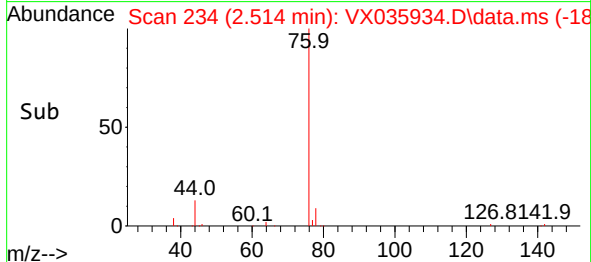
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



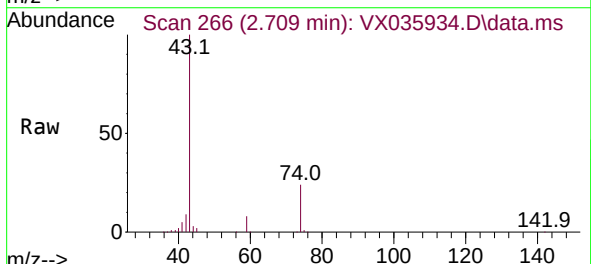
Tgt Ion: 76 Resp: 97436
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

Manual Integrations
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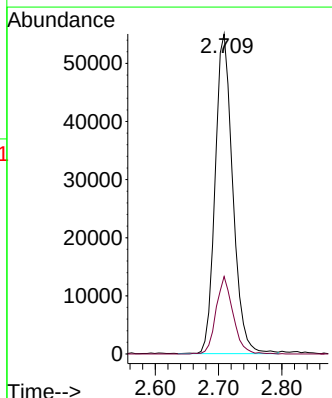
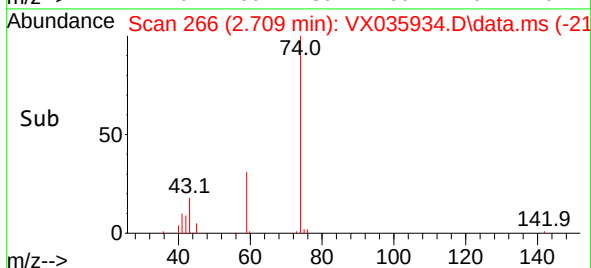
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

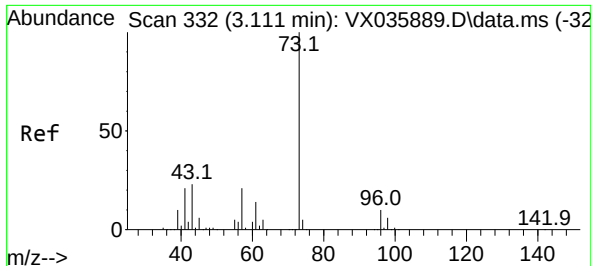


#18
Methyl Acetate
Concen: 20.012 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion: 43 Resp: 106109
Ion Ratio Lower Upper
43 100
74 23.4 17.7 26.5





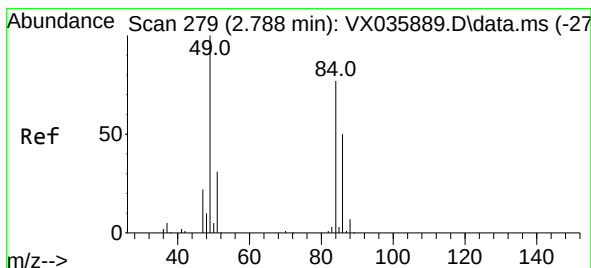
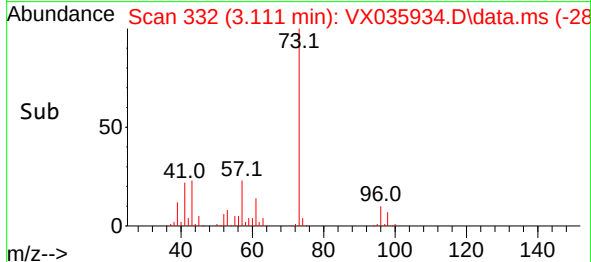
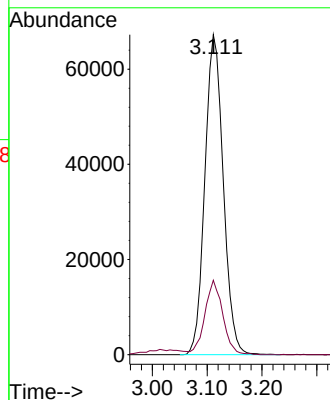
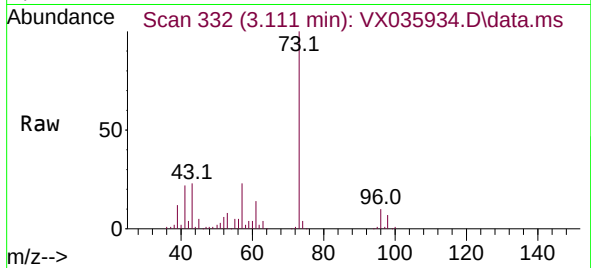
#19
Methyl tert-butyl Ether
Concen: 19.566 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion: 73 Resp: 15654
Ion Ratio Lower Upper
73 100
57 23.2 17.6 26.4

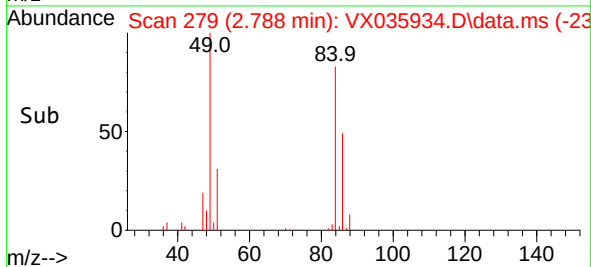
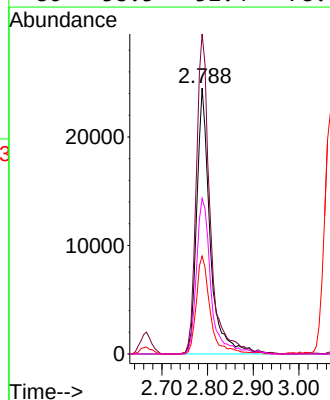
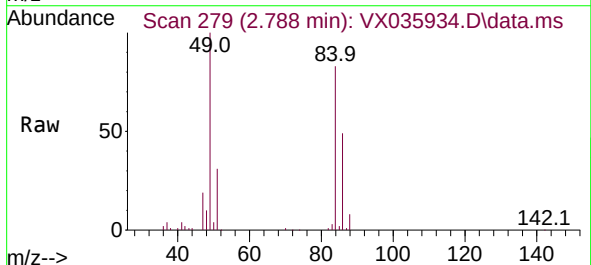
Manual Integrations
APPROVED

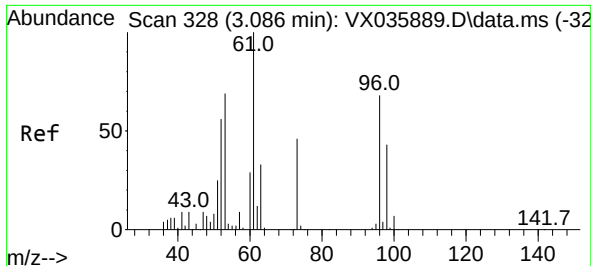
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#20
Methylene Chloride
Concen: 18.999 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

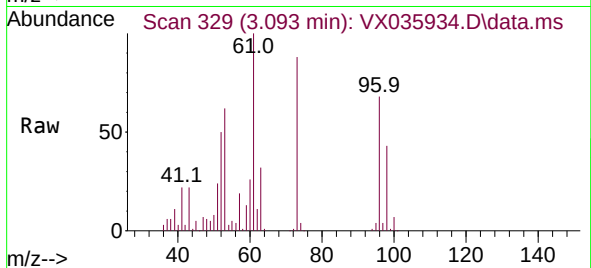
Tgt Ion: 84 Resp: 49916
Ion Ratio Lower Upper
84 100
49 120.4 104.6 156.8
51 36.8 32.2 48.4
86 58.5 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 19.232 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

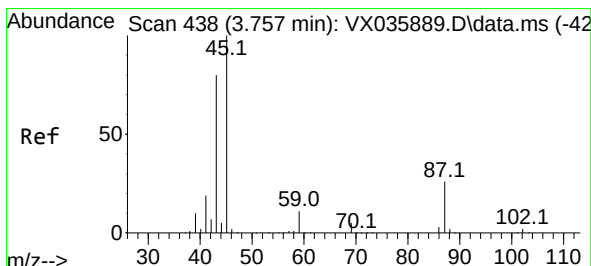
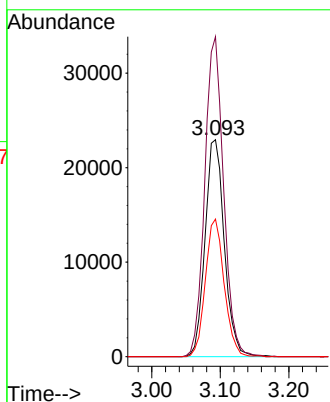
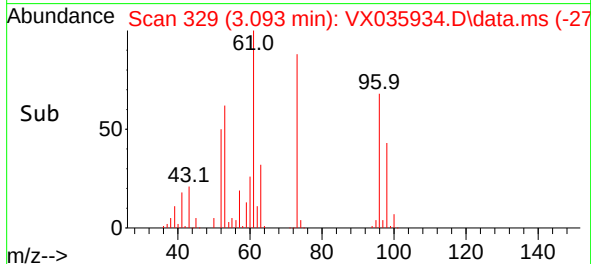
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 96 Resp: 44902
Ion Ratio Lower Upper
96 100
61 147.5 118.2 177.4
98 63.4 50.6 75.8

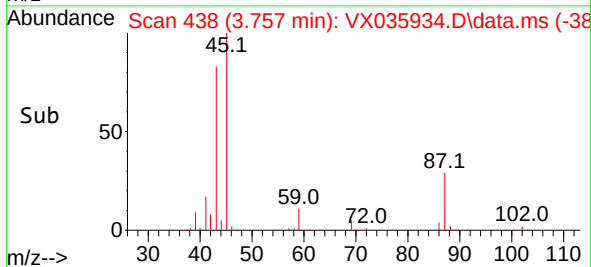
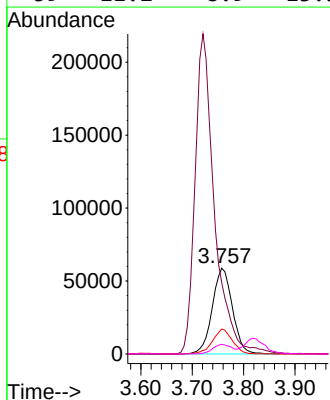
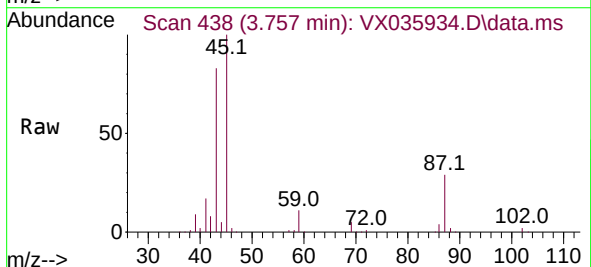
Manual Integrations
APPROVED

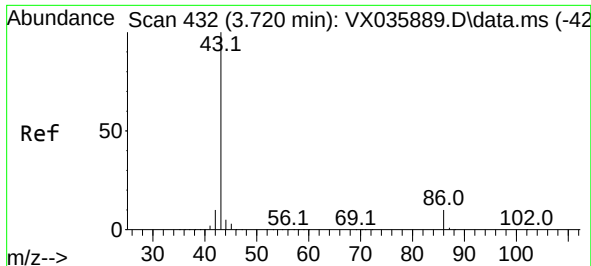
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#22
Diisopropyl ether
Concen: 19.615 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

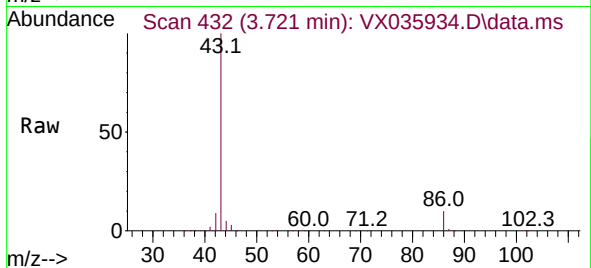
Tgt Ion: 45 Resp: 160188
Ion Ratio Lower Upper
45 100
43 82.8 63.8 95.6
87 29.1 20.6 31.0
59 11.2 8.9 13.3





#23
 Vinyl Acetate
 Concen: 100.739 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035934.D
 Acq: 31 May 2023 14:24

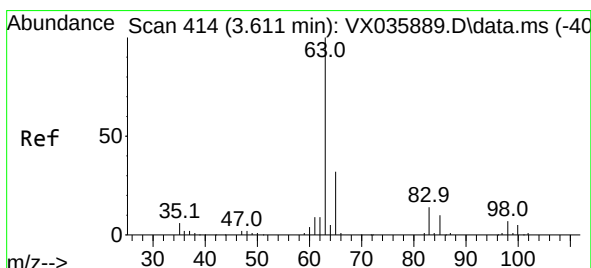
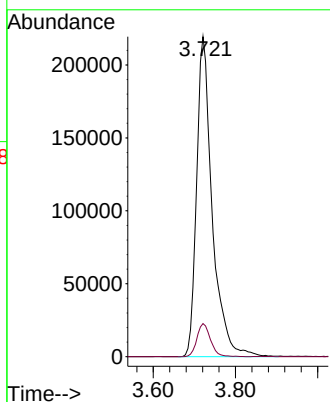
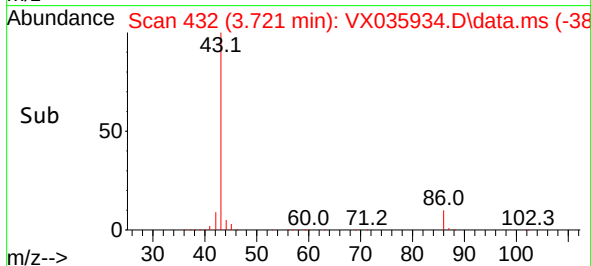
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD01



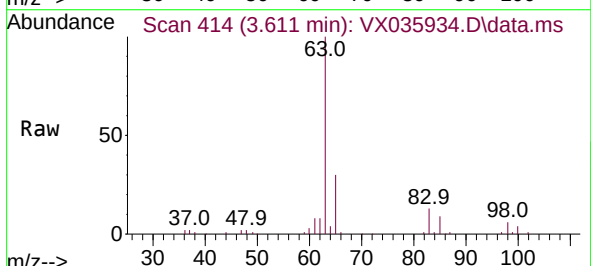
Tgt Ion: 43 Resp: 578009
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.6

Manual Integrations
 APPROVED

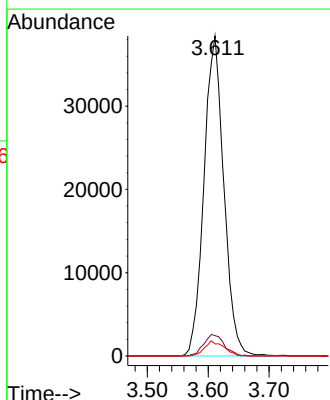
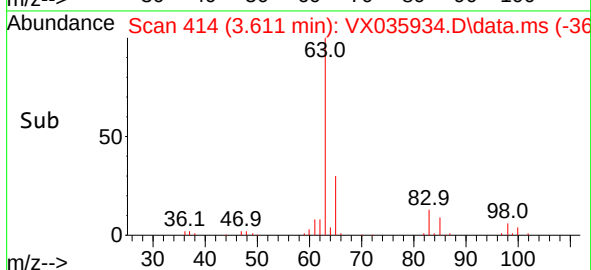
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

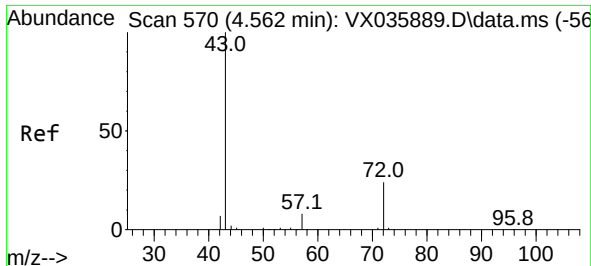


#24
 1,1-Dichloroethane
 Concen: 19.238 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035934.D
 Acq: 31 May 2023 14:24



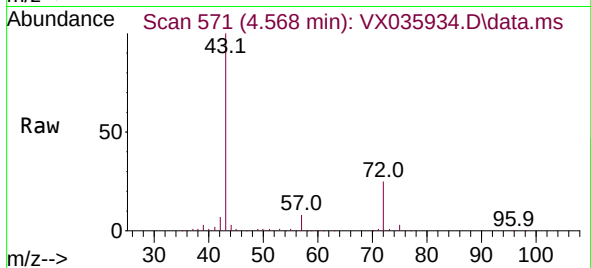
Tgt Ion: 63 Resp: 87138
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 3.7 2.3 6.9





#25
2-Butanone
Concen: 102.710 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

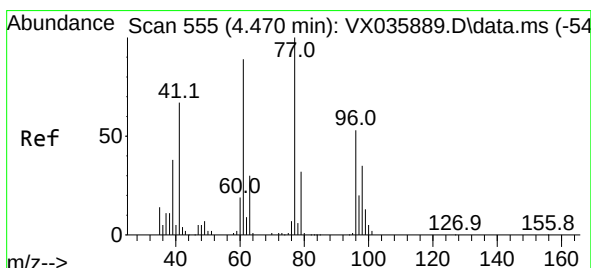
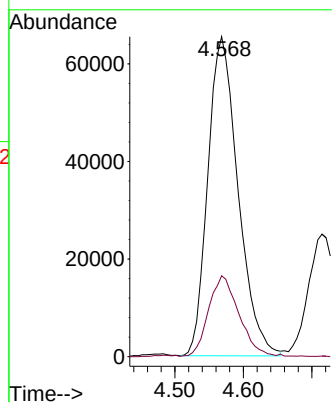
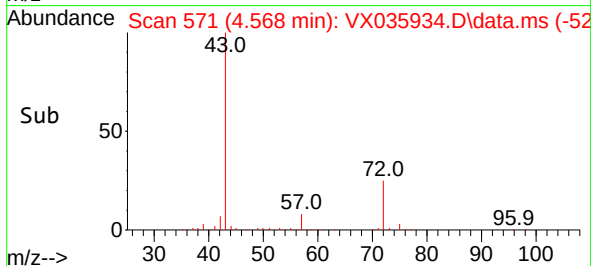
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 43 Resp: 200504
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

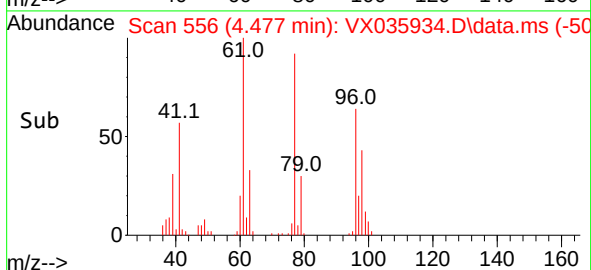
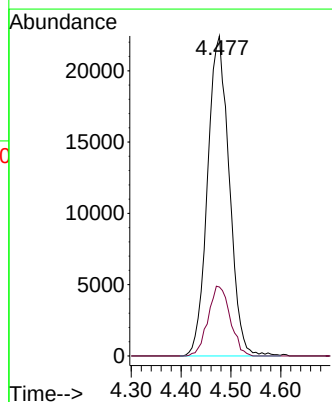
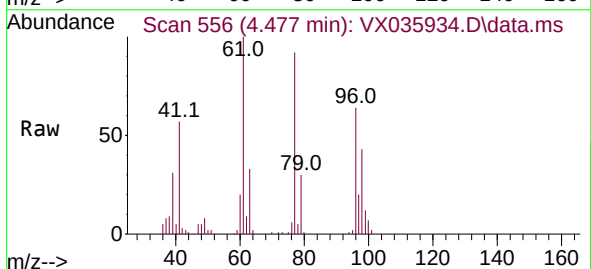
Manual Integrations
APPROVED

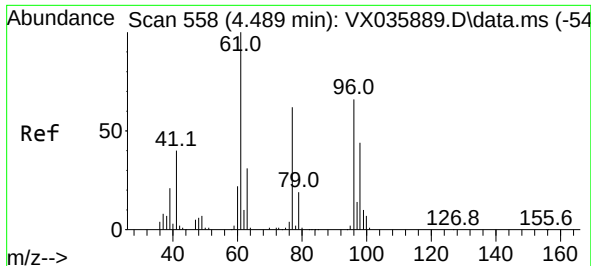
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#26
2,2-Dichloropropane
Concen: 19.666 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 77 Resp: 67897
Ion Ratio Lower Upper
77 100
97 22.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.520 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 96 Resp: 54700

Ion Ratio Lower Upper

96 100

61 145.2 0.0 312.6

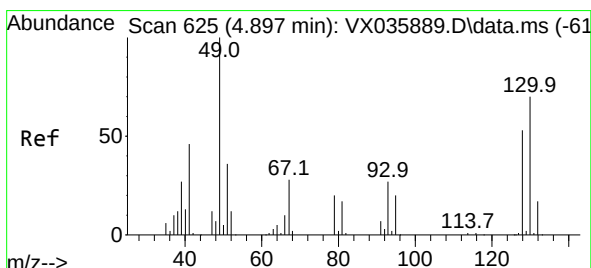
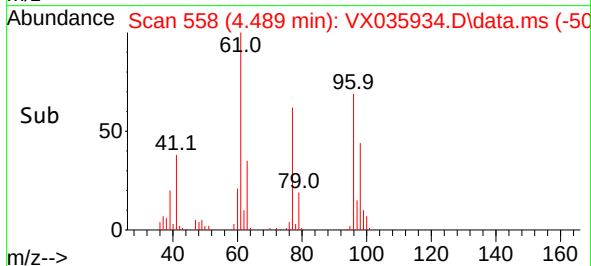
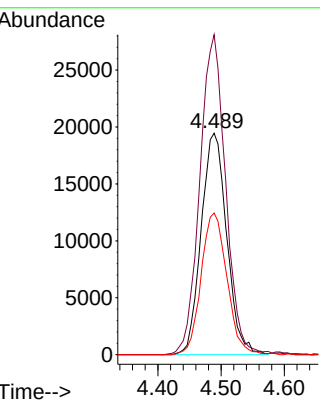
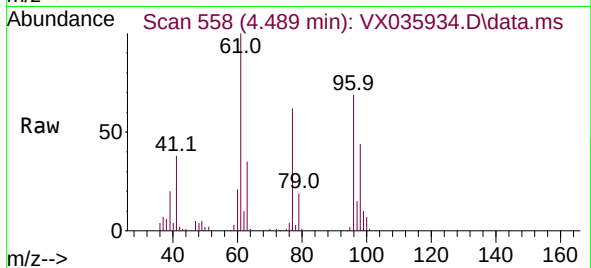
98 64.2 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#28

Bromochloromethane

Concen: 19.645 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

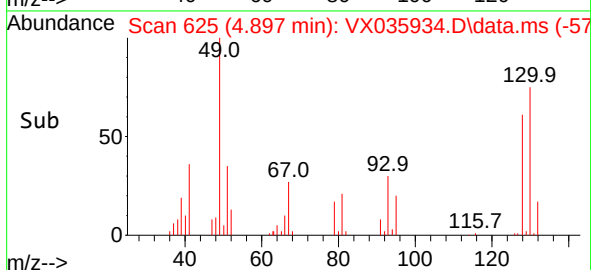
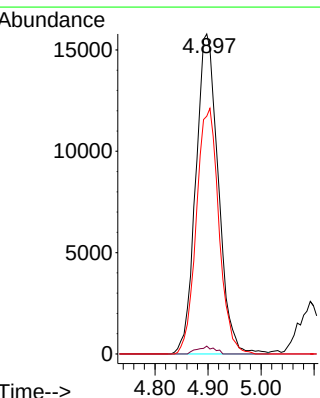
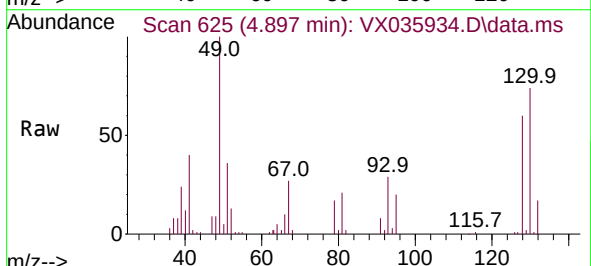
Tgt Ion: 49 Resp: 46597

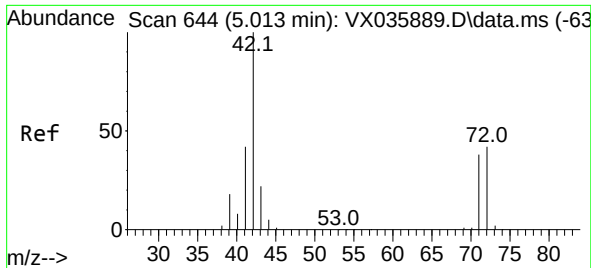
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

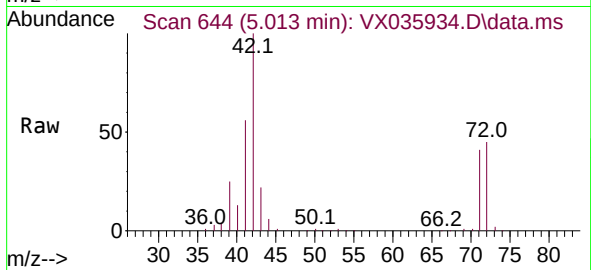
130 76.6 55.8 83.8





#29
Tetrahydrofuran
Concen: 103.970 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

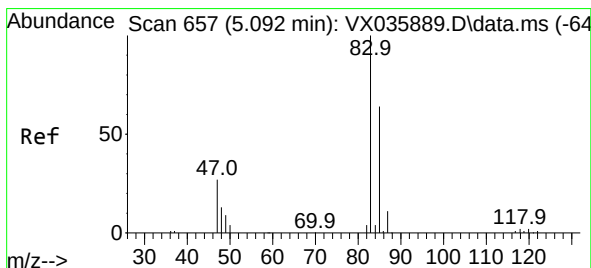
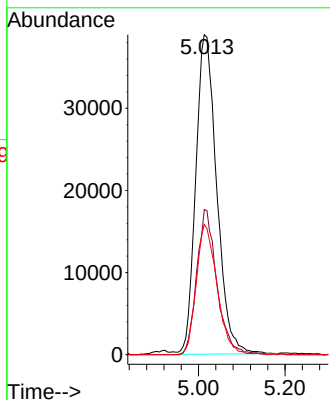
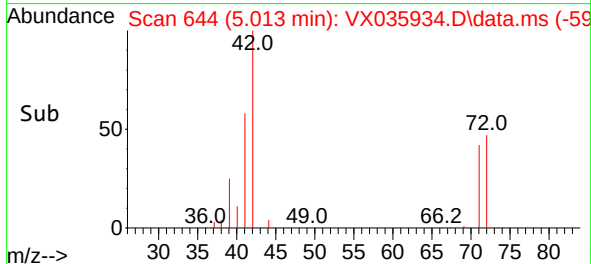
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 42 Resp: 130792
Ion Ratio Lower Upper
42 100
72 43.7 34.2 51.2
71 40.2 31.8 47.8

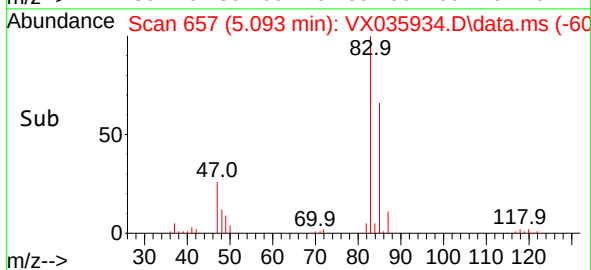
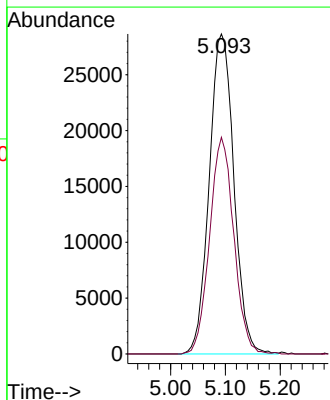
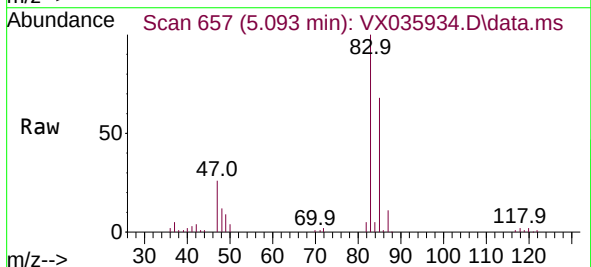
Manual Integrations
APPROVED

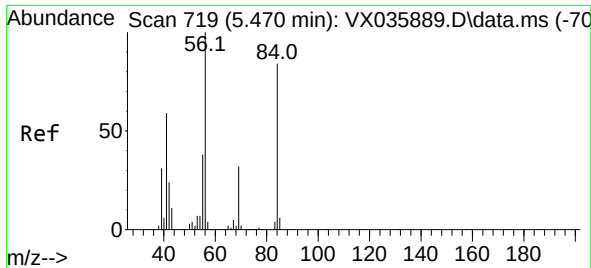
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#30
Chloroform
Concen: 19.200 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

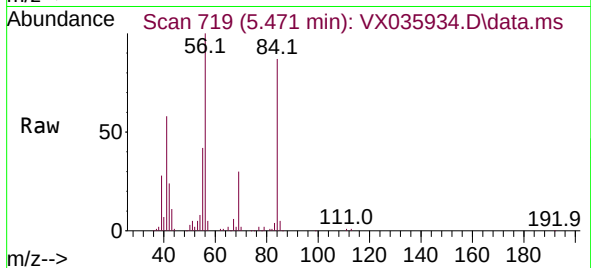
Tgt Ion: 83 Resp: 89578
Ion Ratio Lower Upper
83 100
85 67.7 51.0 76.4





#31
Cyclohexane
Concen: 20.168 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

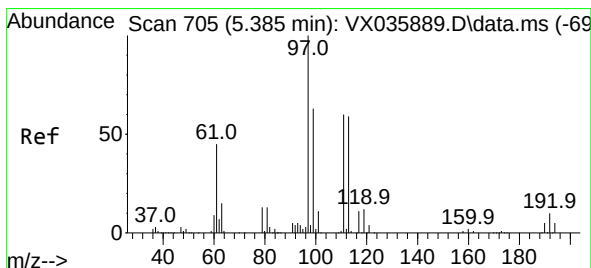
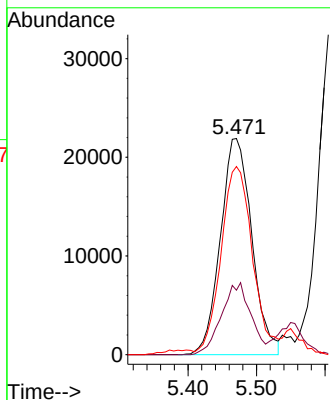
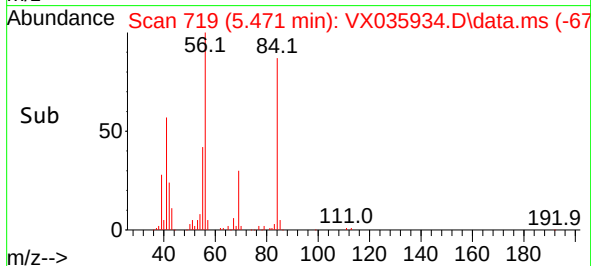
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 56 Resp: 6981
Ion Ratio Lower Upper
56 100
69 29.9 25.9 38.9
84 85.0 67.6 101.4

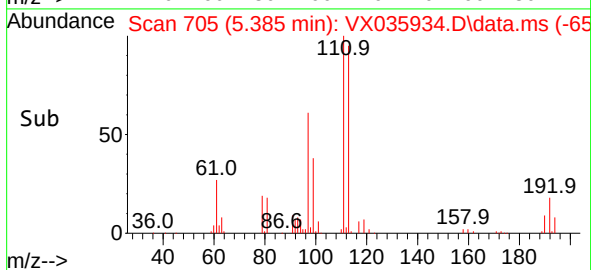
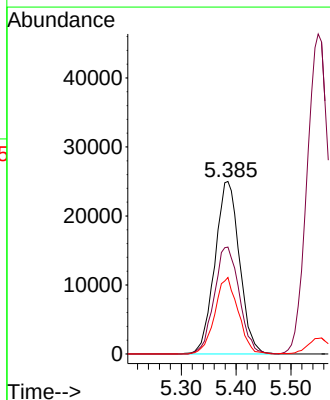
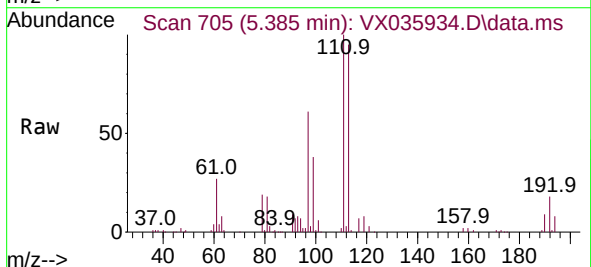
Manual Integrations
APPROVED

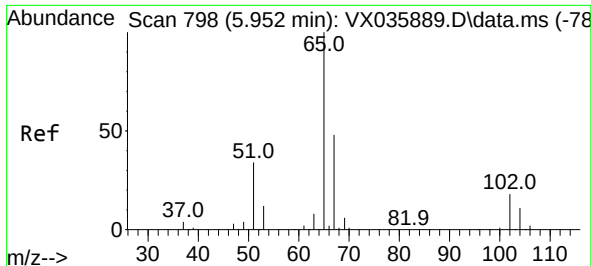
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#32
1,1,1-Trichloroethane
Concen: 19.748 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 97 Resp: 77858
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 42.2 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 46.850 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 65 Resp: 15488

Ion Ratio Lower Upper

65 100

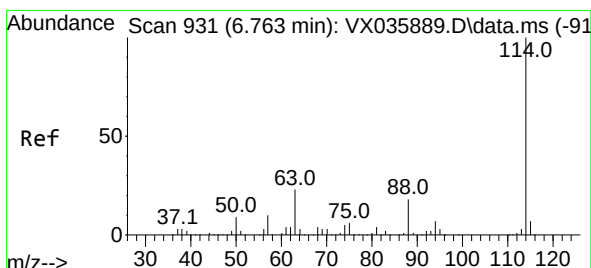
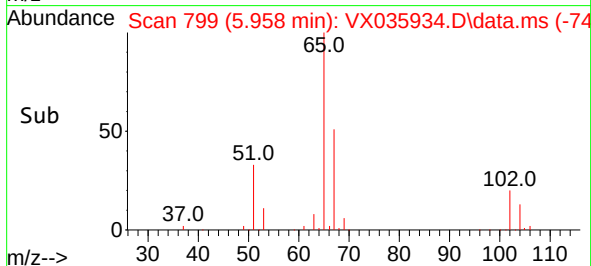
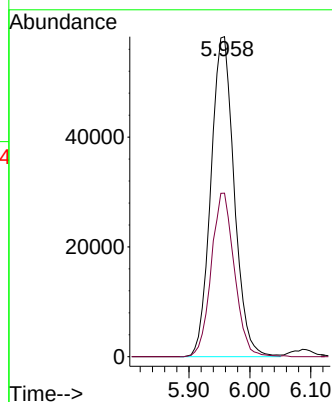
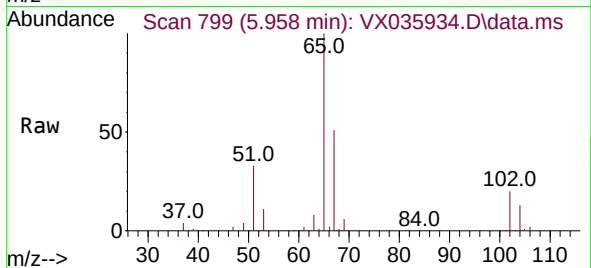
67 50.9 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

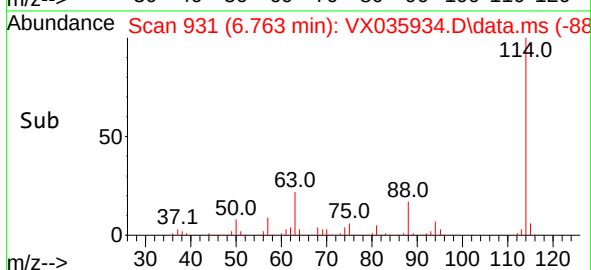
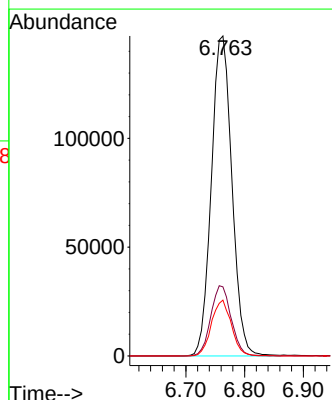
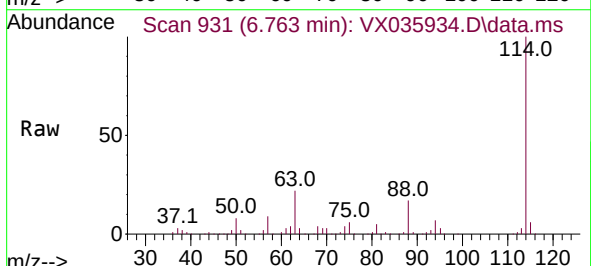
Tgt Ion:114 Resp: 358167

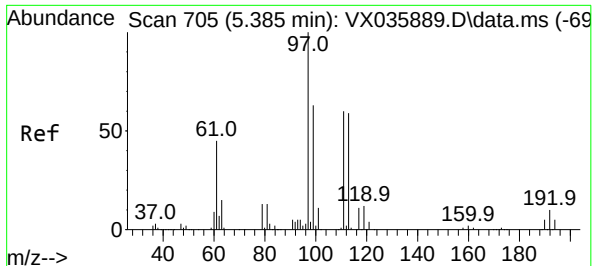
Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.0

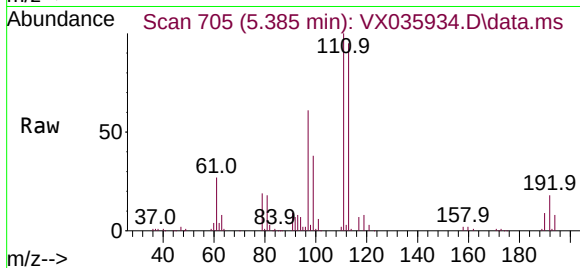
88 17.5 0.0 35.2





#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

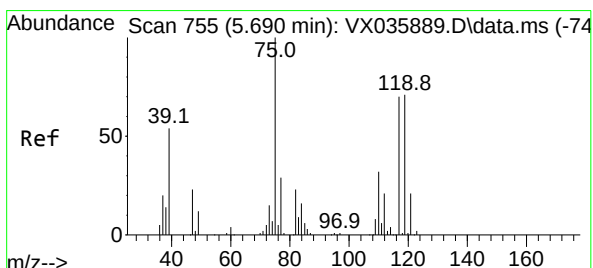
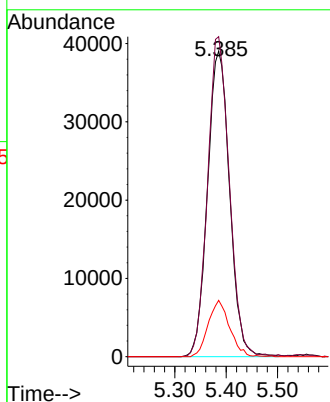
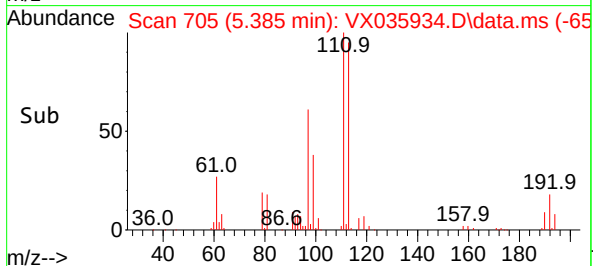
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 113 Resp: 116494
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 17.9 13.5 20.3

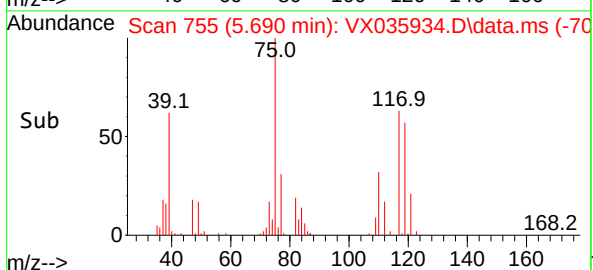
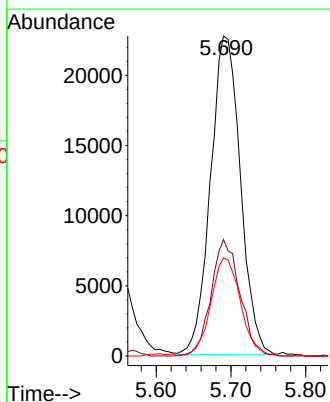
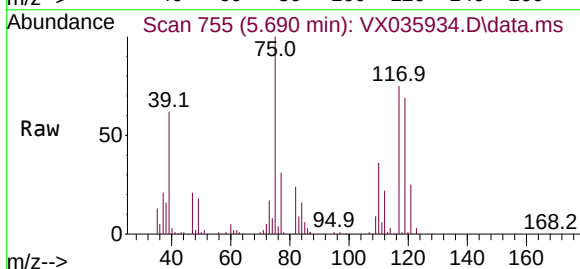
Manual Integrations
APPROVED

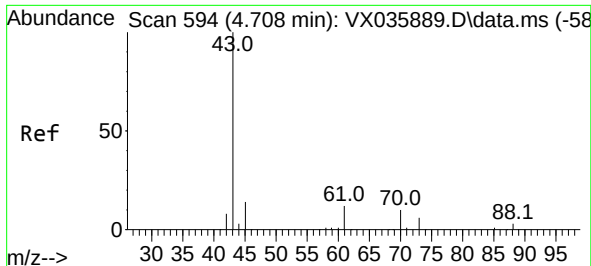
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#36
1,1-Dichloropropene
Concen: 19.654 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 75 Resp: 63129
Ion Ratio Lower Upper
75 100
110 35.2 16.6 49.7
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 21.159 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.007 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

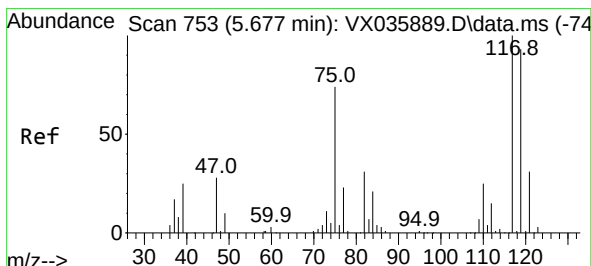
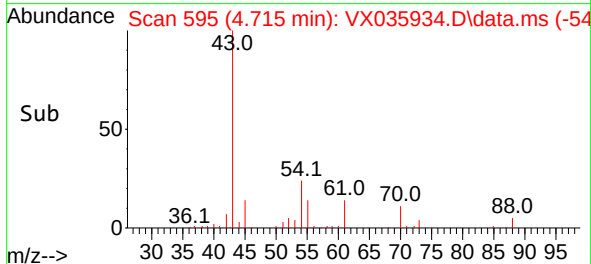
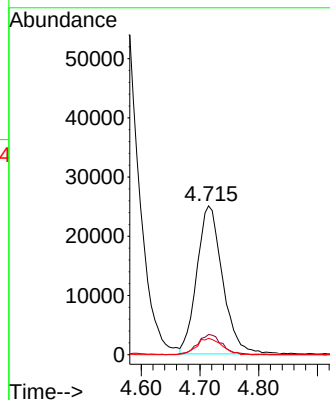
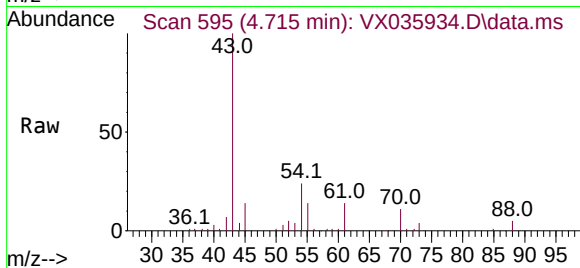
Tgt Ion: 43	Resp: 7568
Ion Ratio	Lower Upper
43 100	
61 13.1	10.3 15.5
70 10.8	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#38

Carbon Tetrachloride

Concen: 19.819 ug/l

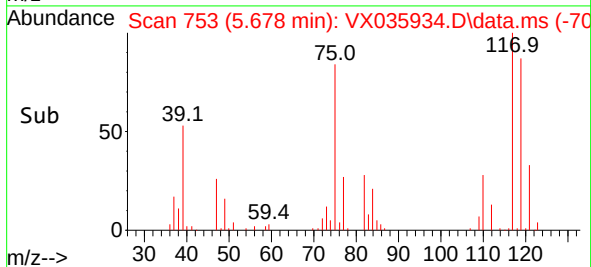
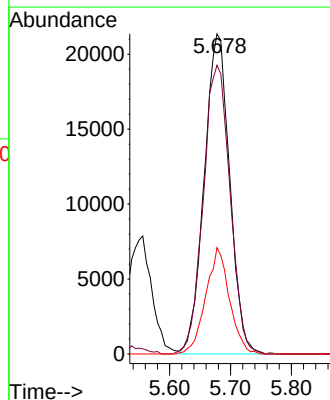
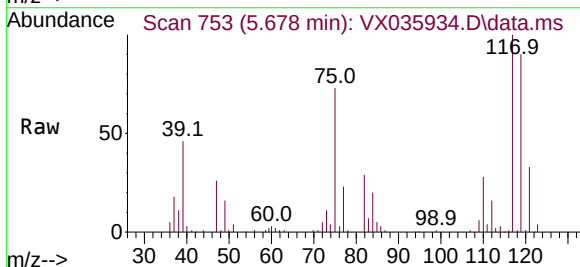
RT: 5.678 min Scan# 753

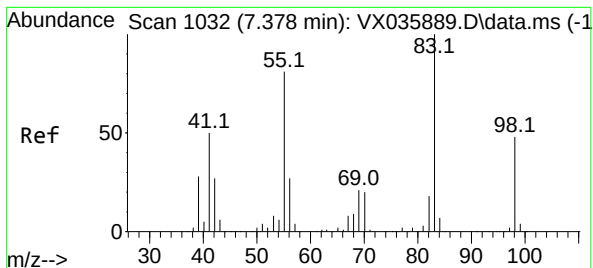
Delta R.T. 0.001 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Tgt Ion: 117	Resp: 62038
Ion Ratio	Lower Upper
117 100	
119 90.2	74.1 111.1
121 33.2	25.0 37.4





#39

Methylcyclohexane

Concen: 20.526 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 83 Resp: 68790

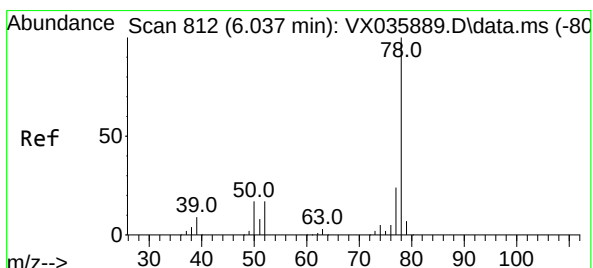
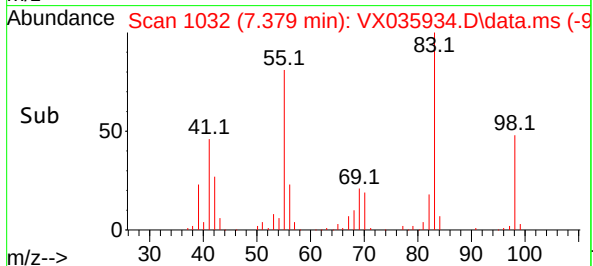
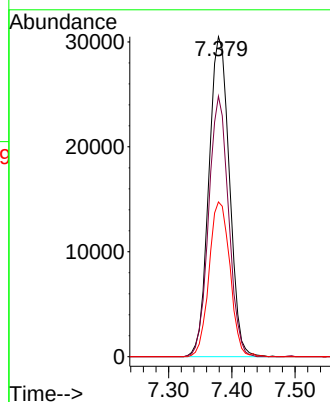
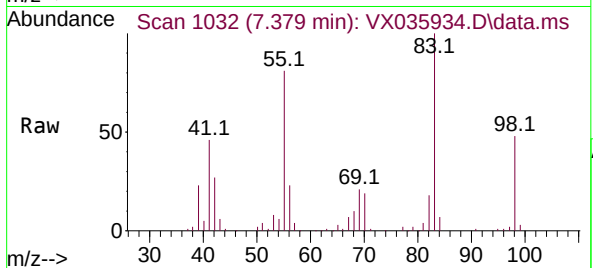
Ion	Ratio	Lower	Upper
83	100		
55	81.4	64.9	97.3
98	48.3	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#40

Benzene

Concen: 19.827 ug/l

RT: 6.038 min Scan# 812

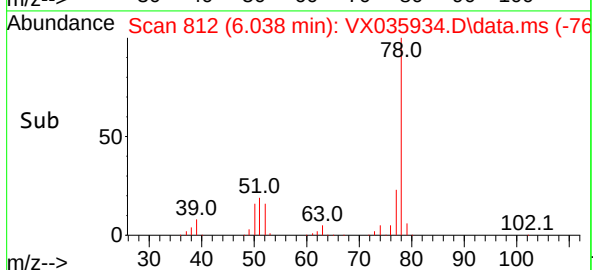
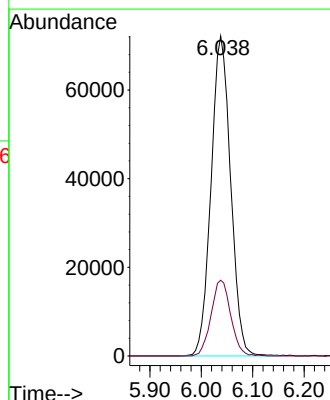
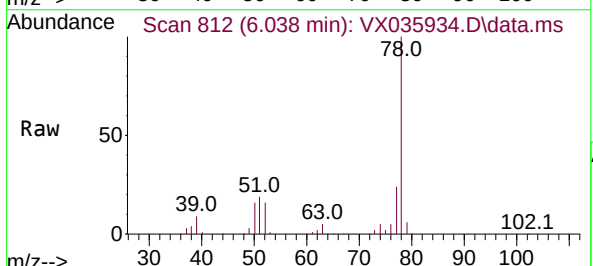
Delta R.T. 0.001 min

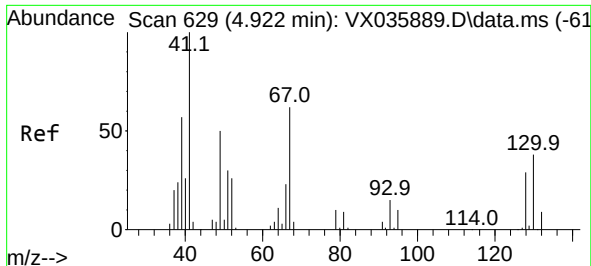
Lab File: VX035934.D

Acq: 31 May 2023 14:24

Tgt Ion: 78 Resp: 191135

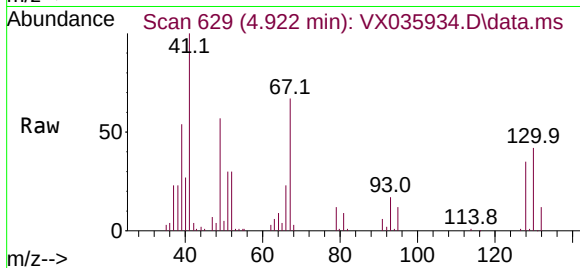
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





#41
Methacrylonitrile
Concen: 20.640 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

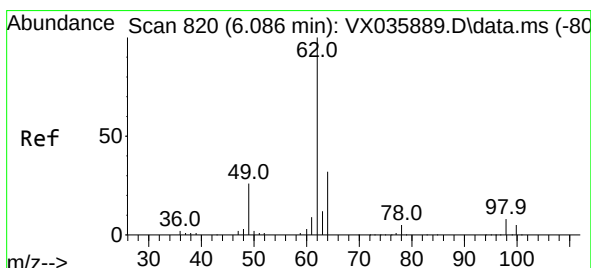
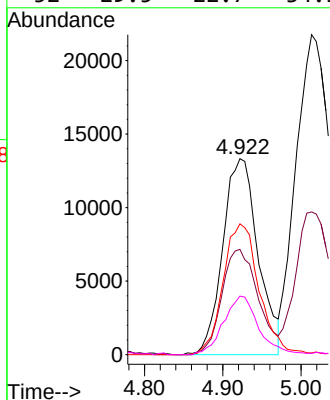
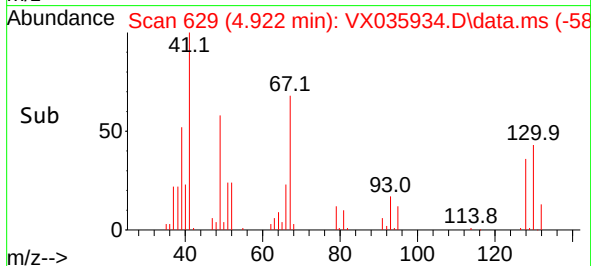
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 41 Resp: 4188
Ion Ratio Lower Upper
41 100
39 55.2 45.6 68.4
67 68.4 51.8 77.6
52 29.5 22.7 34.1

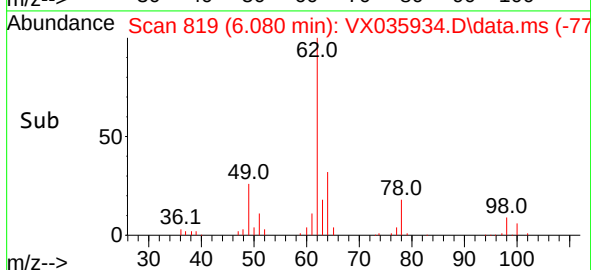
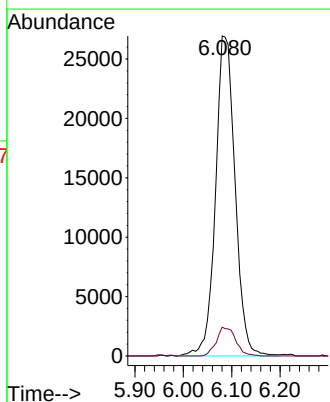
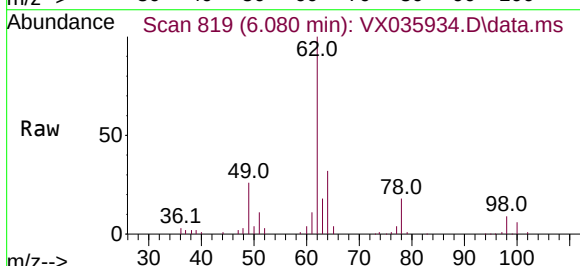
Manual Integrations
APPROVED

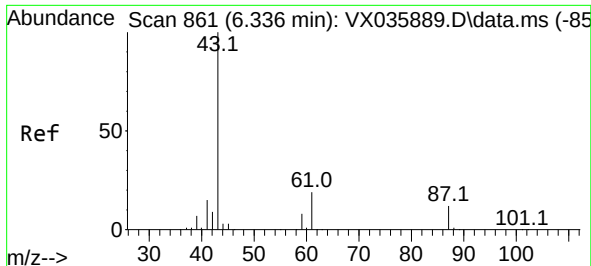
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#42
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 62 Resp: 75681
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.302 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 43 Resp: 119414

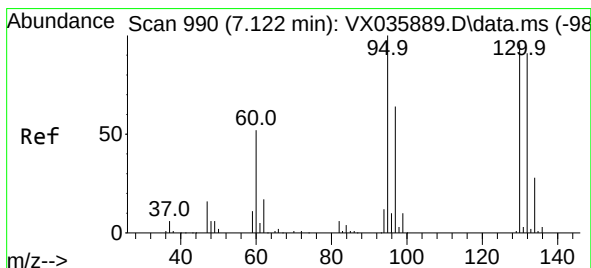
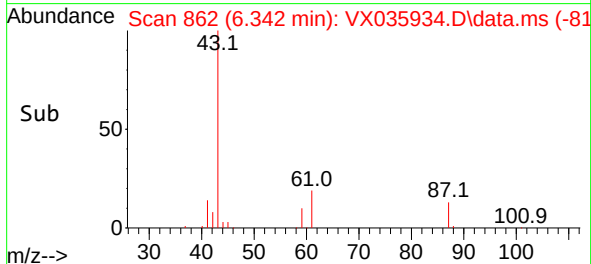
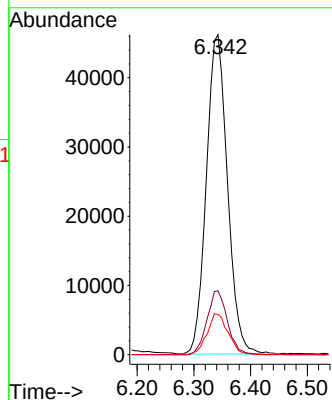
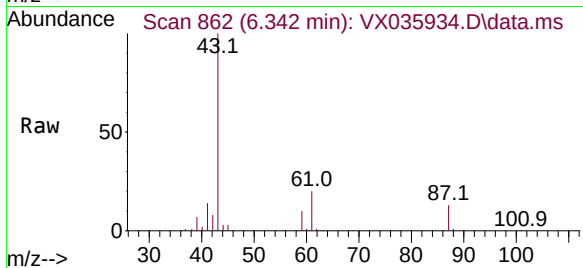
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.0	22.4
87	12.7	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#44

Trichloroethene

Concen: 19.935 ug/l

RT: 7.123 min Scan# 990

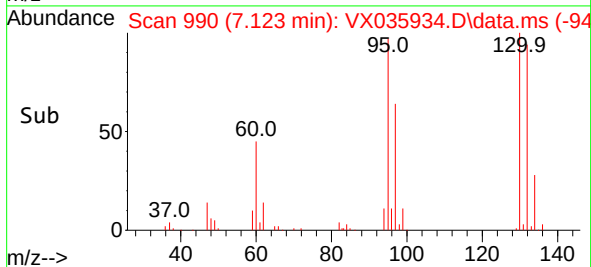
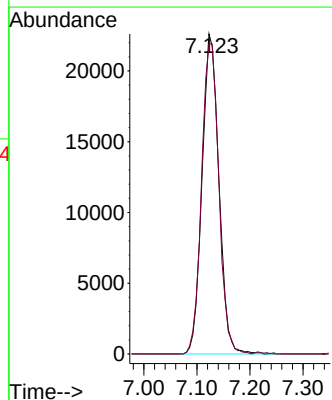
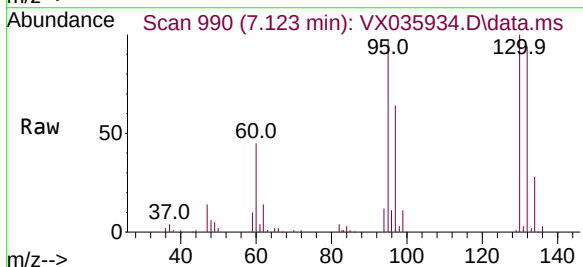
Delta R.T. 0.001 min

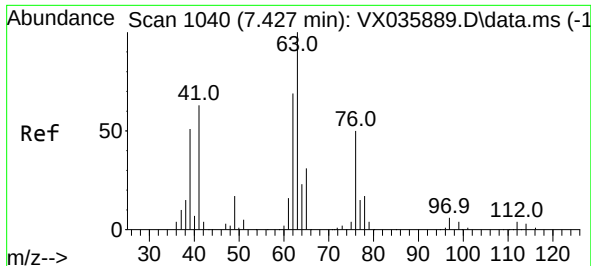
Lab File: VX035934.D

Acq: 31 May 2023 14:24

Tgt Ion:130 Resp: 49852

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.6





#45

1,2-Dichloropropane

Concen: 19.802 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 63 Resp: 5024

Ion Ratio Lower Upper

63 100

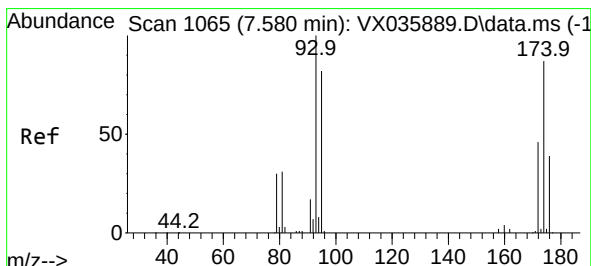
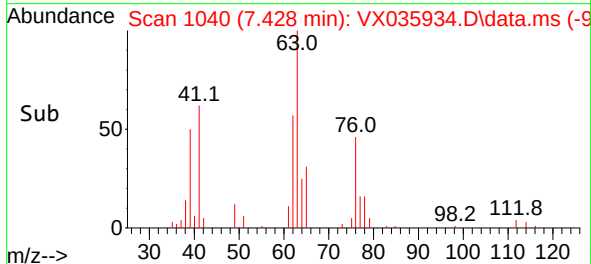
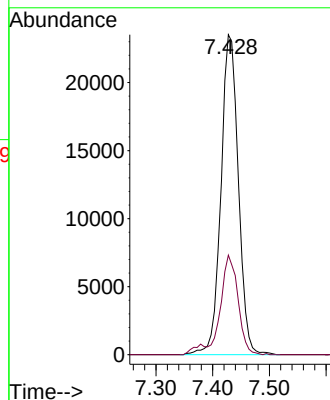
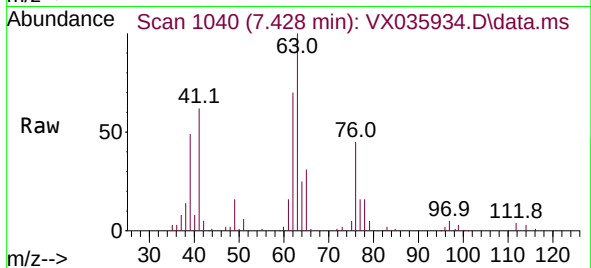
65 31.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#46

Dibromomethane

Concen: 19.851 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

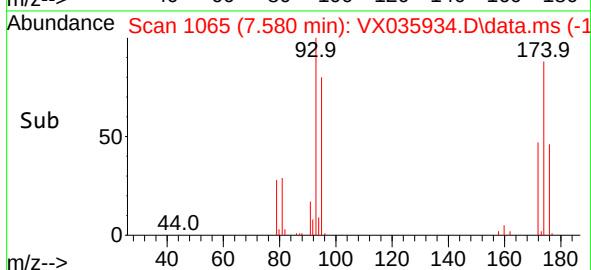
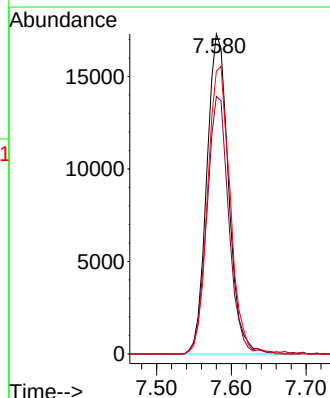
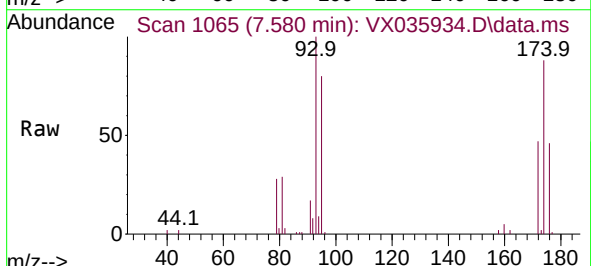
Tgt Ion: 93 Resp: 34988

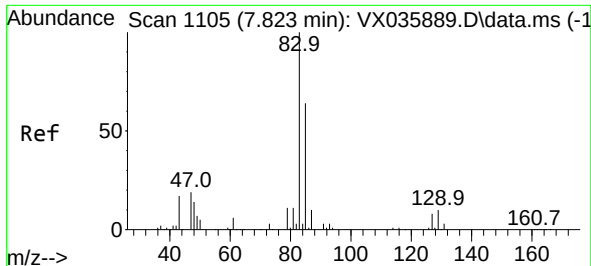
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.2

174 92.7 69.5 104.3





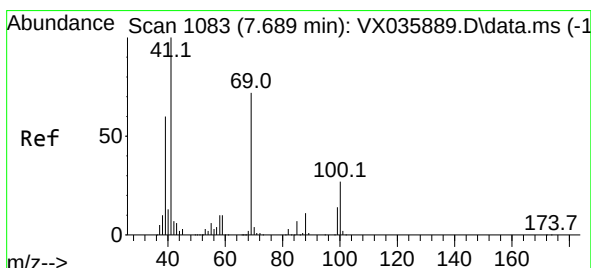
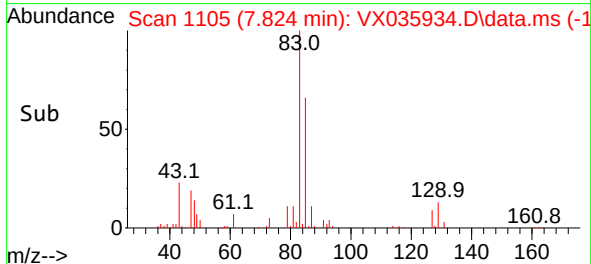
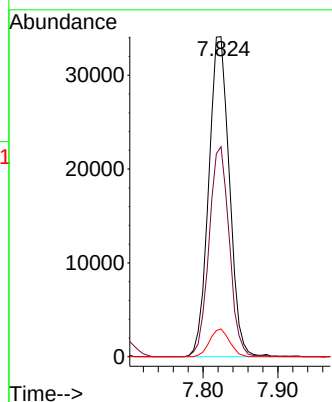
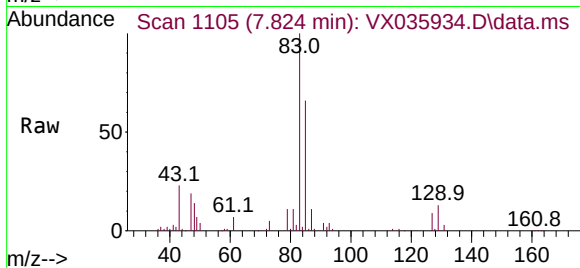
#47
Bromodichloromethane
Concen: 19.820 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion: 83 Resp: 65712
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9
127 8.7 6.6 10.0

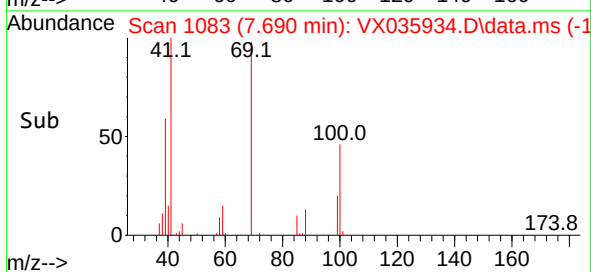
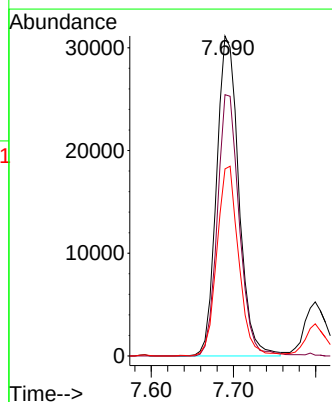
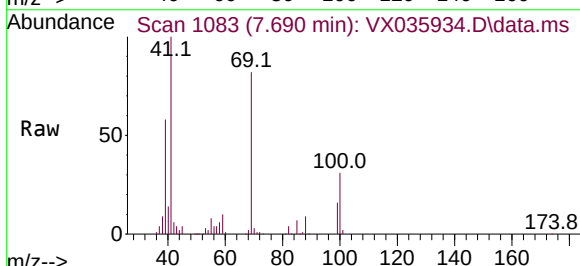
Manual Integrations
APPROVED

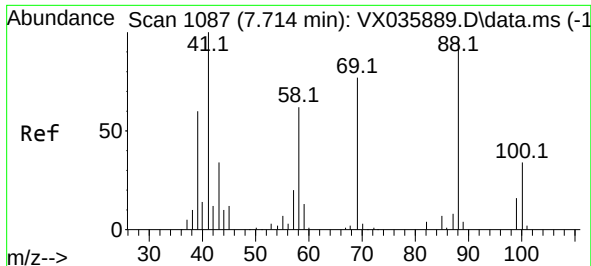
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#48
Methyl methacrylate
Concen: 20.297 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 41 Resp: 58545
Ion Ratio Lower Upper
41 100
69 80.2 59.0 88.6
39 58.2 48.4 72.6





#49

1,4-Dioxane

Concen: 412.779 ug/l

RT: 7.726 min Scan# 1087

Delta R.T. 0.012 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 88 Resp: 27269

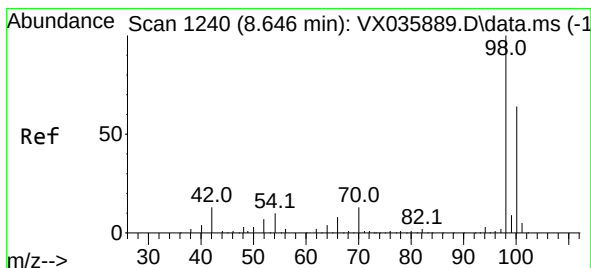
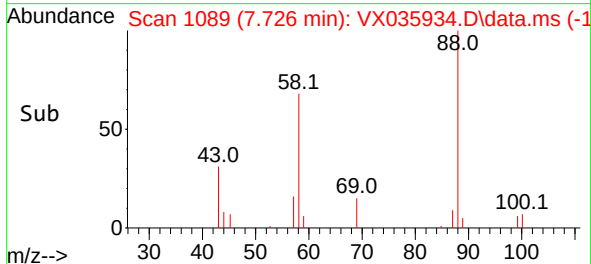
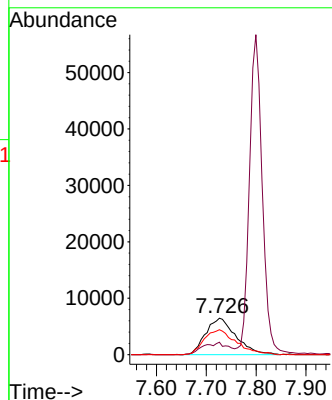
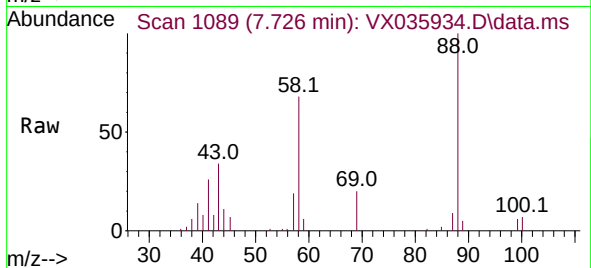
Ion	Ratio	Lower	Upper
88	100		
43	28.3	27.4	41.0
58	72.3	58.9	88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#50

Toluene-d8

Concen: 49.593 ug/l

RT: 8.647 min Scan# 1240

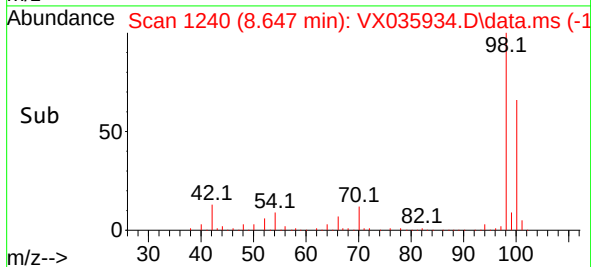
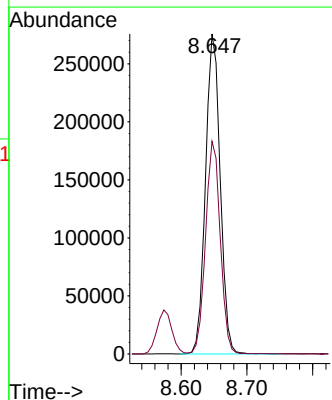
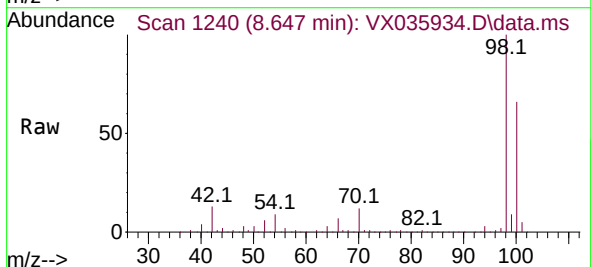
Delta R.T. 0.001 min

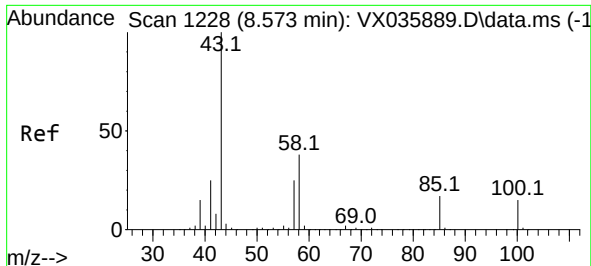
Lab File: VX035934.D

Acq: 31 May 2023 14:24

Tgt Ion: 98 Resp: 428773

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.4	80.0





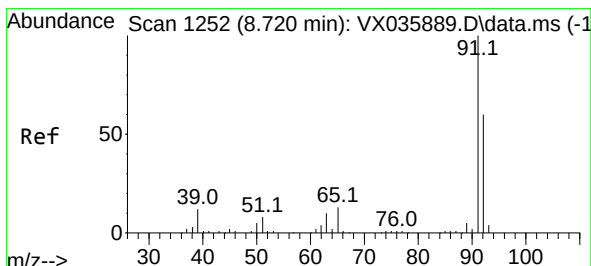
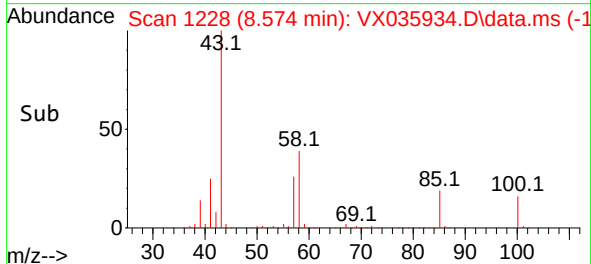
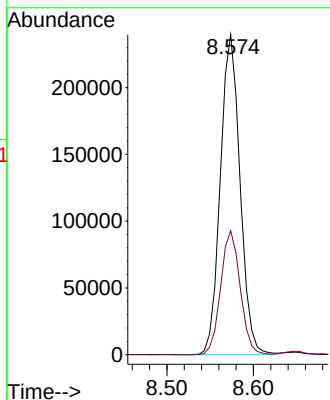
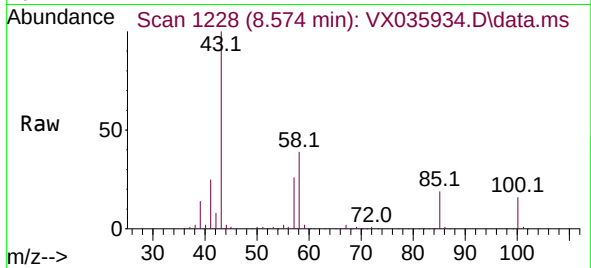
#51
4-Methyl-2-Pentanone
Concen: 105.535 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion: 43 Resp: 37890
Ion Ratio Lower Upper
43 100
58 38.3 30.1 45.1

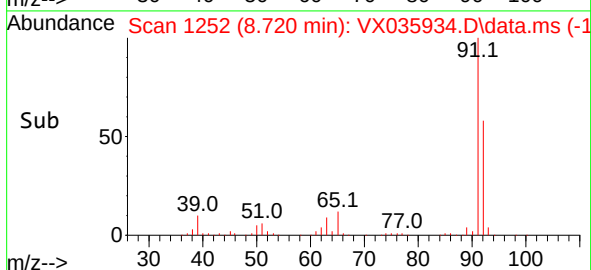
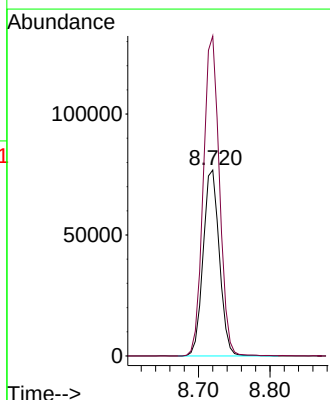
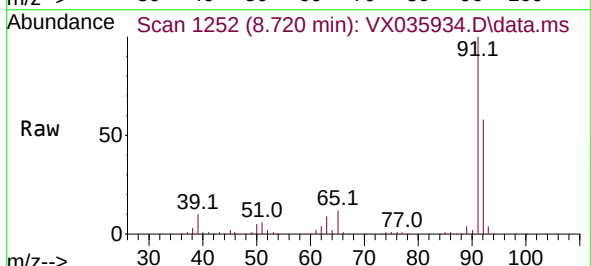
Manual Integrations
APPROVED

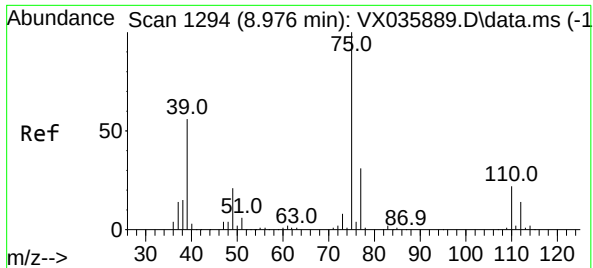
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#52
Toluene
Concen: 19.977 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

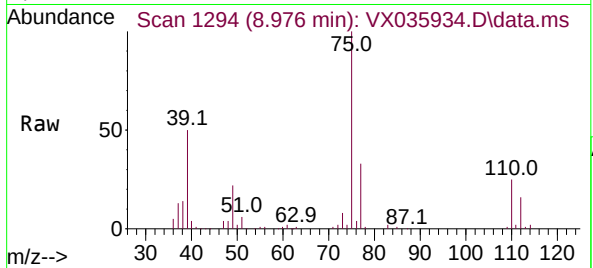
Tgt Ion: 92 Resp: 121076
Ion Ratio Lower Upper
92 100
91 171.2 133.5 200.3





#53
t-1,3-Dichloropropene
Concen: 19.678 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

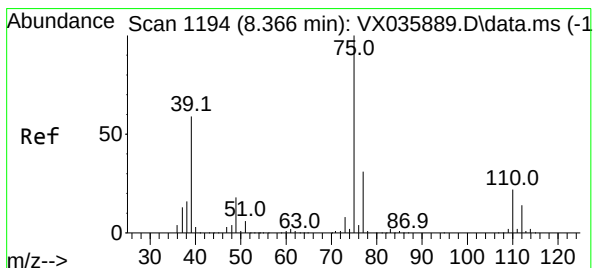
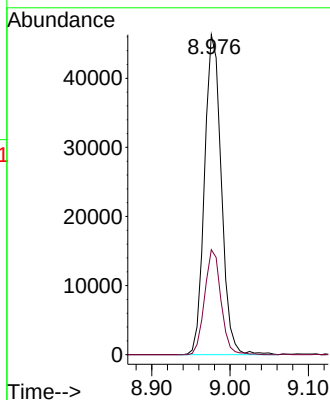
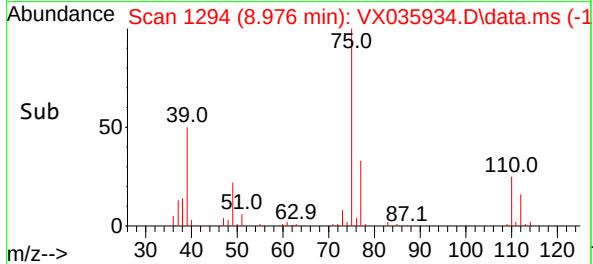
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



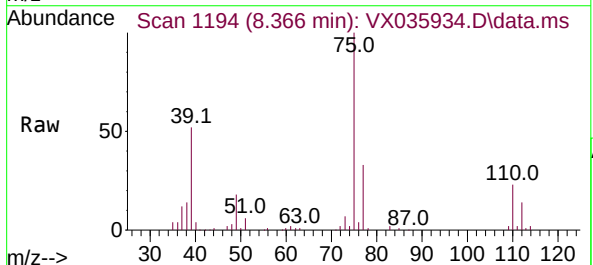
Tgt Ion: 75 Resp: 68960
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.6

Manual Integrations
APPROVED

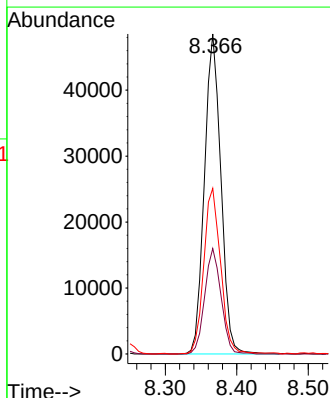
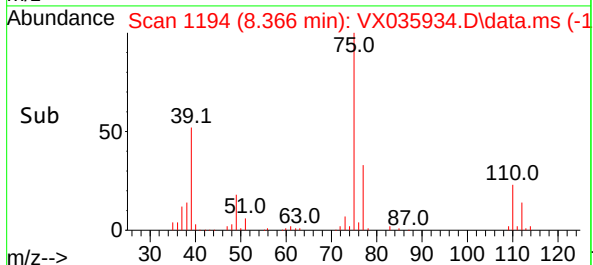
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

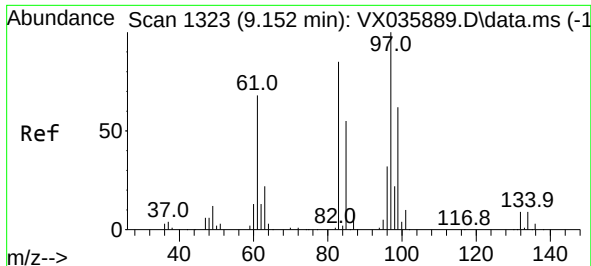


#54
cis-1,3-Dichloropropene
Concen: 20.072 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



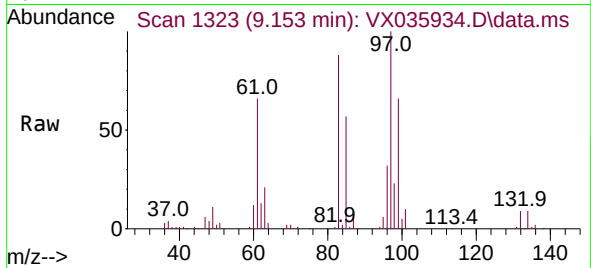
Tgt Ion: 75 Resp: 77682
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 51.7 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 19.982 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

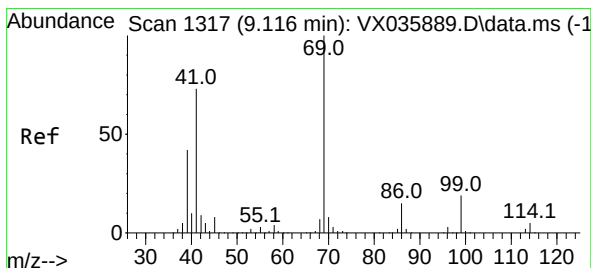
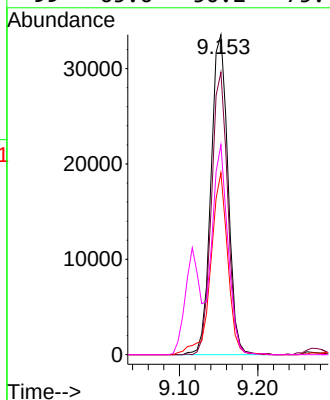
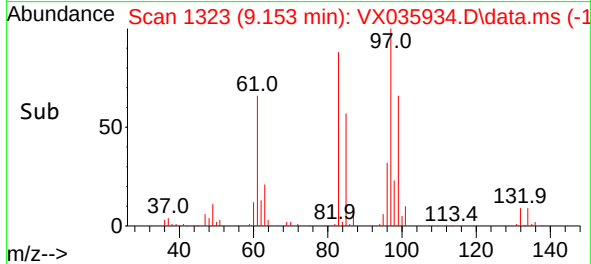
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



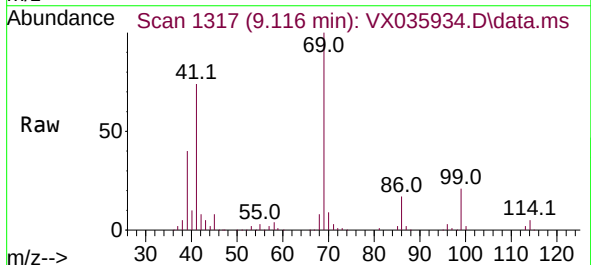
Tgt Ion: 97 Resp: 5045
Ion Ratio Lower Upper
97 100
83 88.2 68.3 102.5
85 56.8 44.2 66.2
99 65.6 50.2 75.4

Manual Integrations
APPROVED

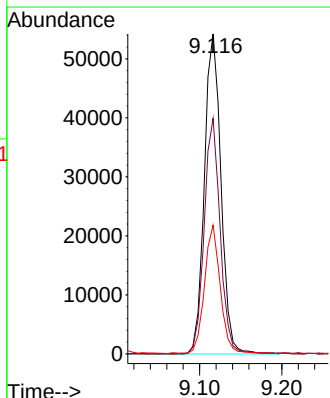
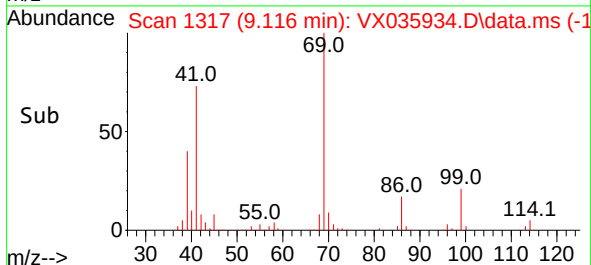
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

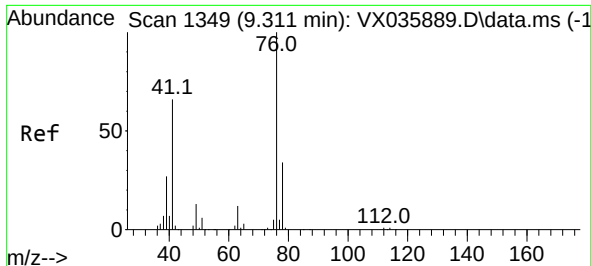


#56
Ethyl methacrylate
Concen: 20.157 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion: 69 Resp: 76098
Ion Ratio Lower Upper
69 100
41 71.1 58.9 88.3
39 38.2 33.4 50.0





#57

1,3-Dichloropropane

Concen: 19.939 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 76 Resp: 8664

Ion Ratio Lower Upper

76 100

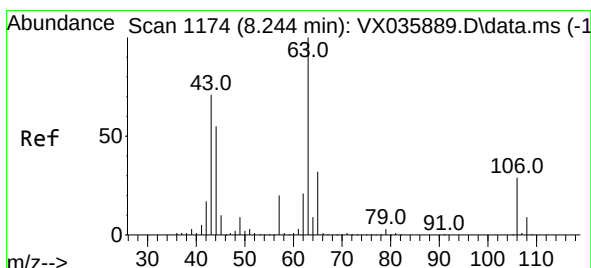
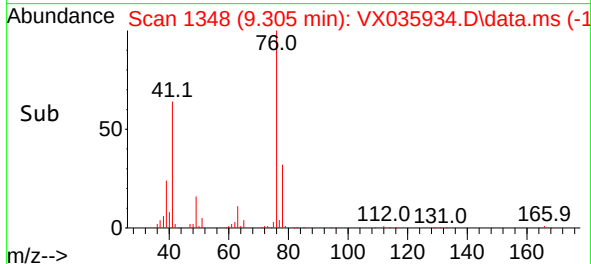
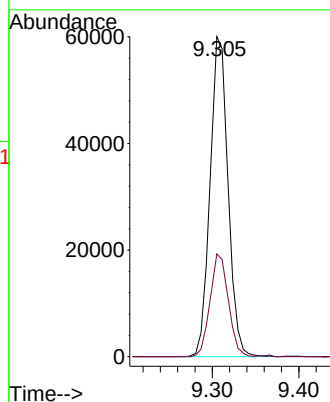
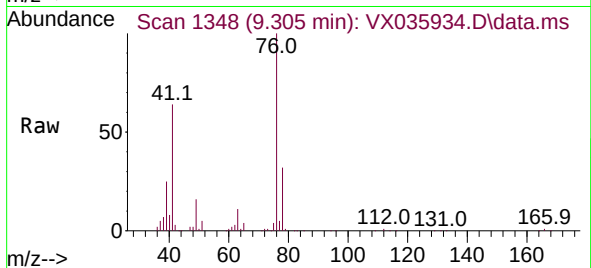
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 98.971 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX035934.D

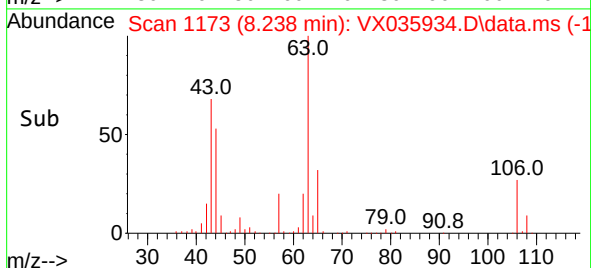
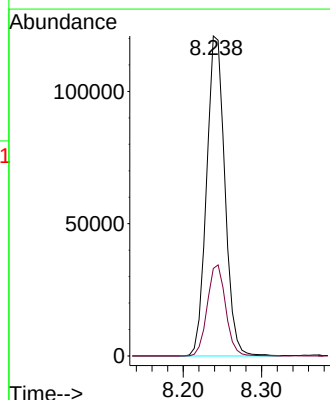
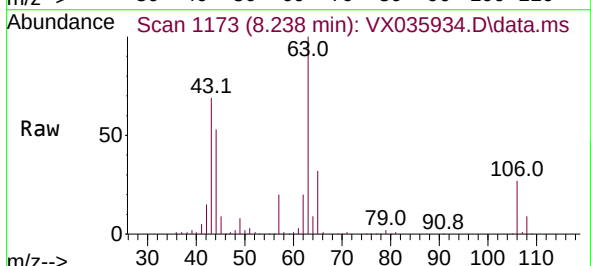
Acq: 31 May 2023 14:24

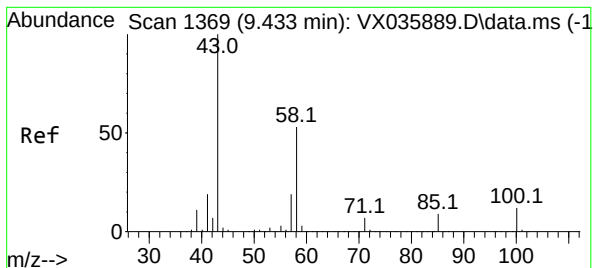
Tgt Ion: 63 Resp: 195776

Ion Ratio Lower Upper

63 100

106 28.6 22.3 33.5





#59

2-Hexanone

Concen: 111.674 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 43 Resp: 296424

Ion Ratio Lower Upper

43 100

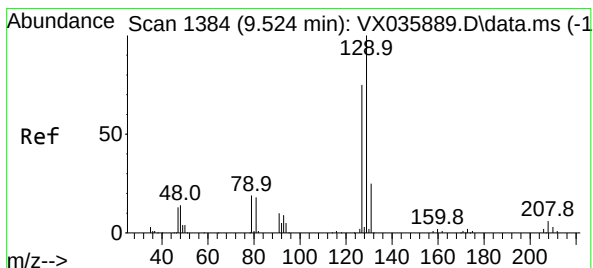
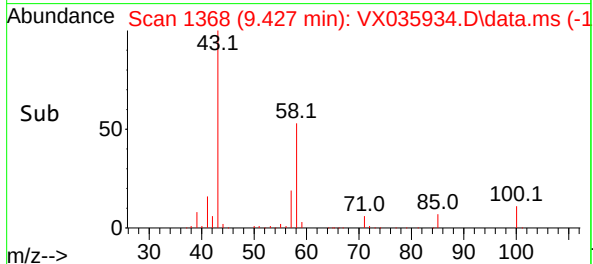
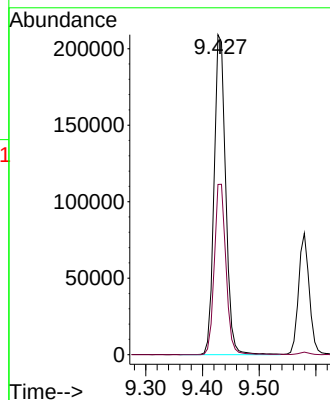
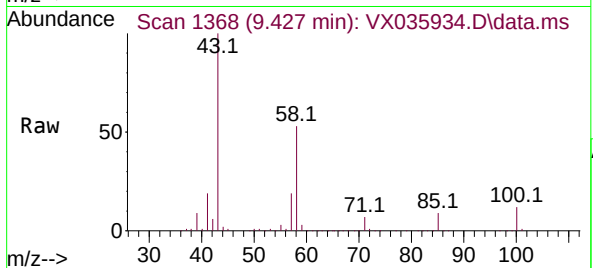
58 53.3 26.3 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#60

Dibromochloromethane

Concen: 19.584 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035934.D

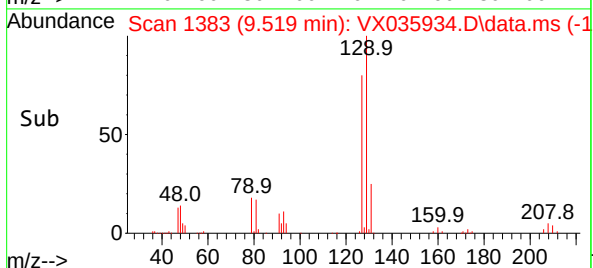
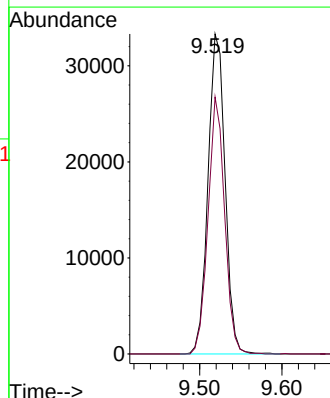
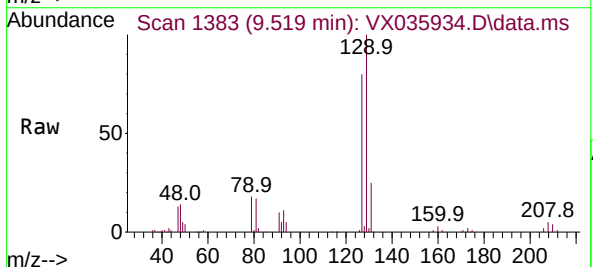
Acq: 31 May 2023 14:24

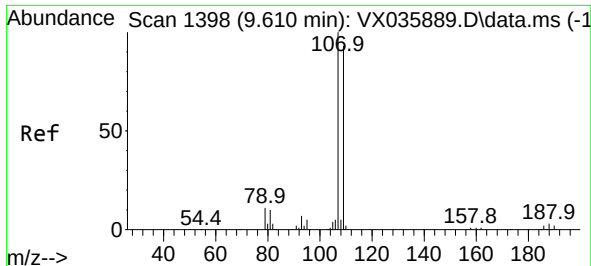
Tgt Ion:129 Resp: 48005

Ion Ratio Lower Upper

129 100

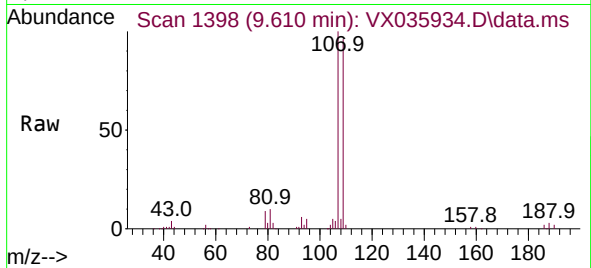
127 78.1 38.4 115.1





#61
1,2-Dibromoethane
Concen: 20.199 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

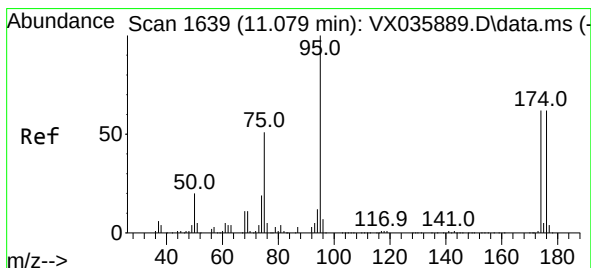
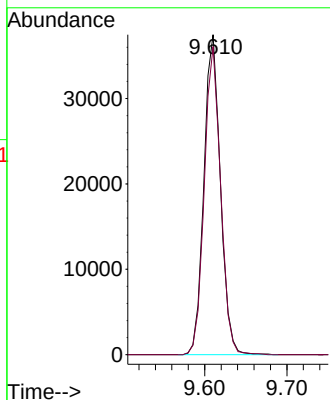
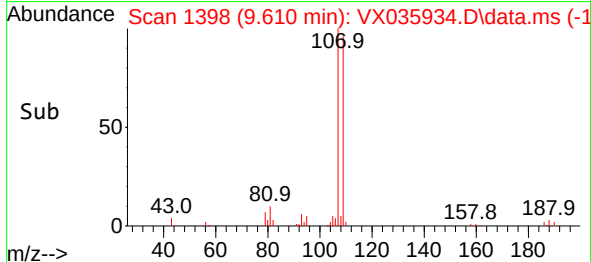
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



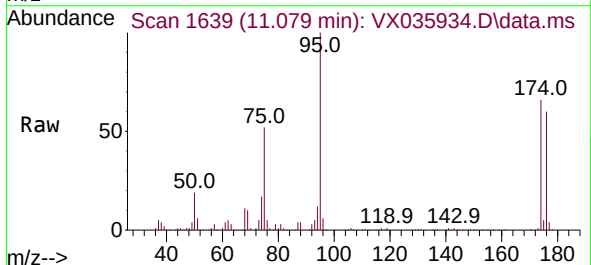
Tgt Ion:107 Resp: 5214
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2

Manual Integrations
APPROVED

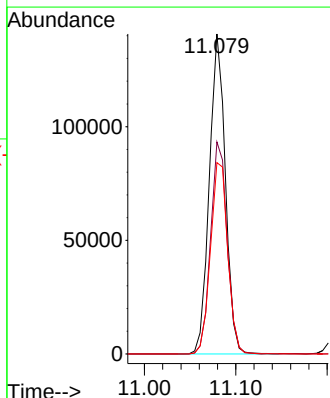
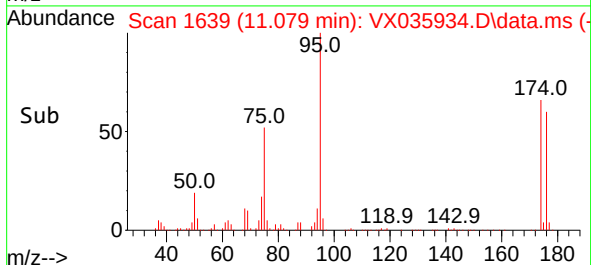
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

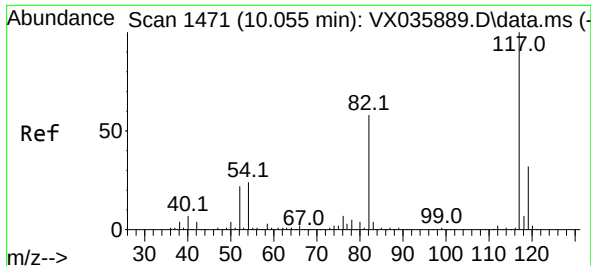


#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



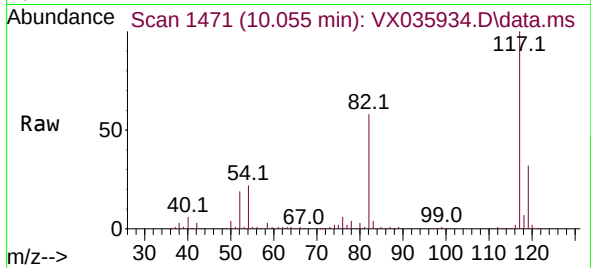
Tgt Ion: 95 Resp: 170909
Ion Ratio Lower Upper
95 100
174 68.2 0.0 132.6
176 64.4 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

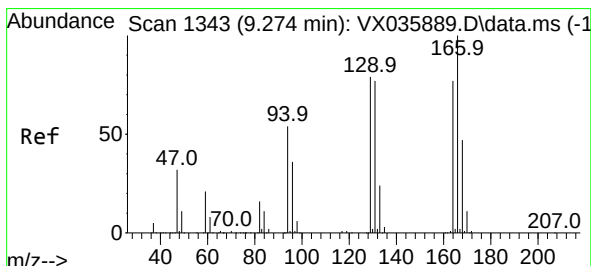
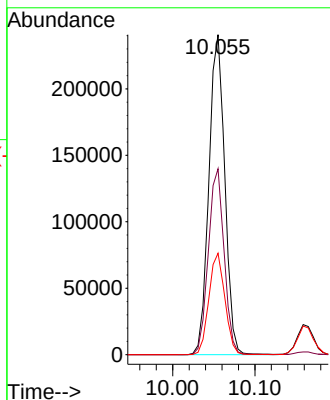
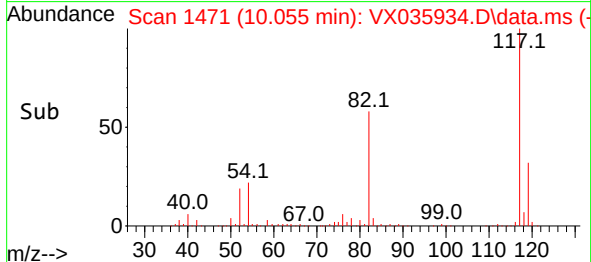
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion:117 Resp: 32323
Ion Ratio Lower Upper
117 100
82 58.1 46.6 69.8
119 31.7 25.4 38.2

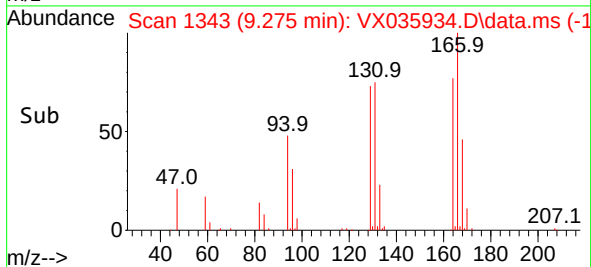
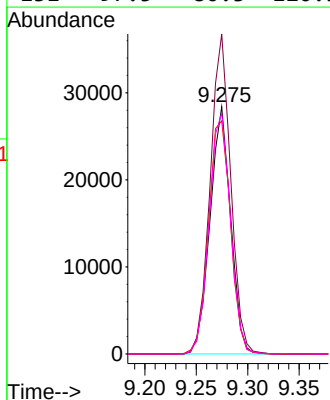
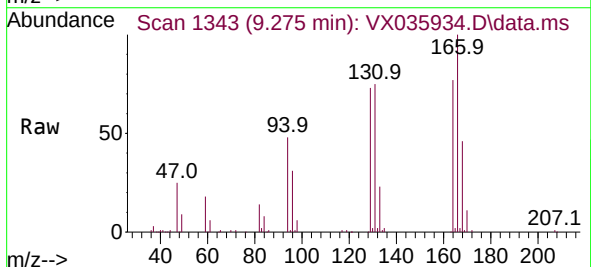
Manual Integrations
APPROVED

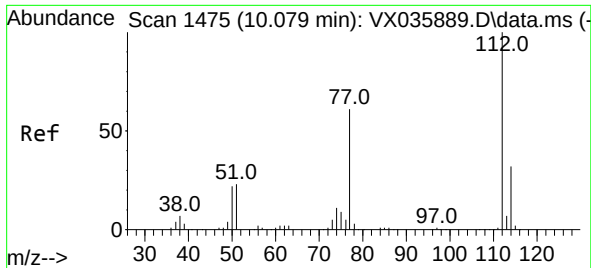
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#64
Tetrachloroethene
Concen: 19.464 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion:164 Resp: 39536
Ion Ratio Lower Upper
164 100
166 129.5 104.4 156.6
129 94.3 82.0 123.0
131 97.5 80.3 120.5





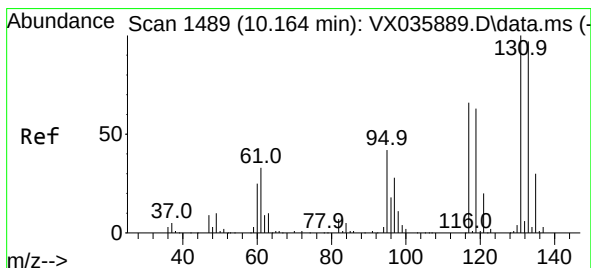
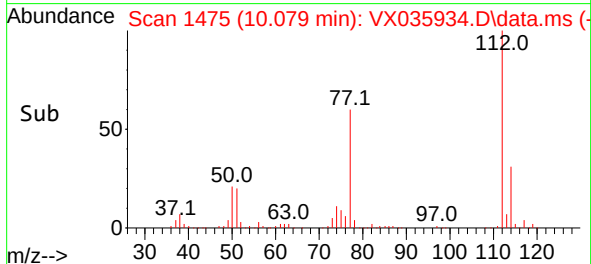
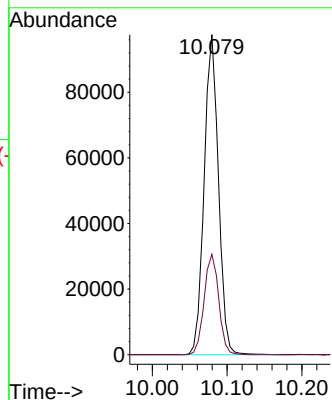
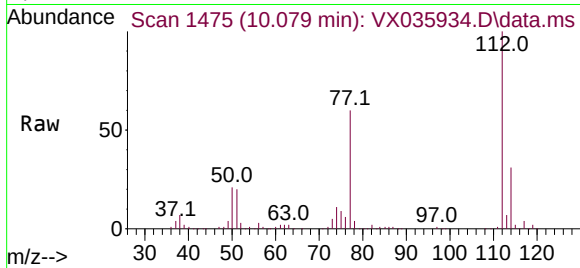
#65
Chlorobenzene
Concen: 19.840 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion:112 Resp: 129398
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

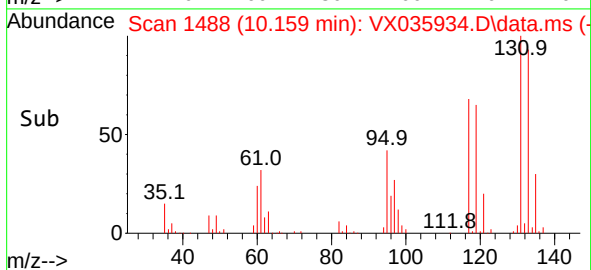
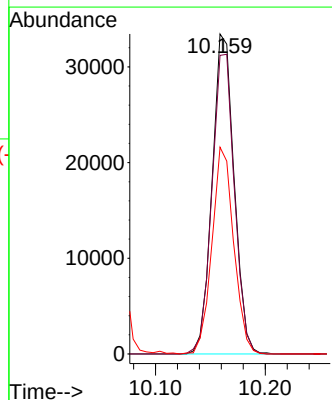
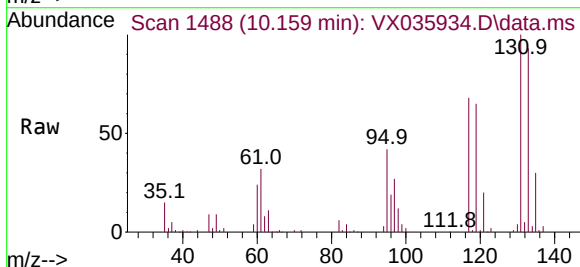
Manual Integrations
APPROVED

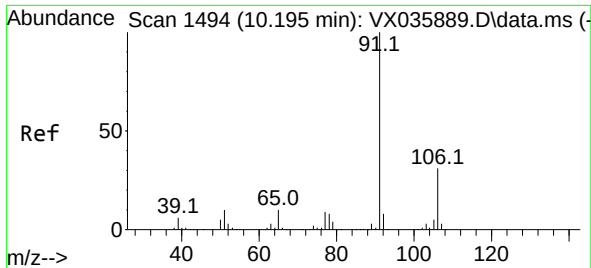
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.299 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

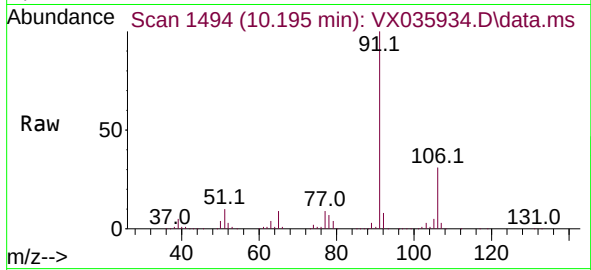
Tgt Ion:131 Resp: 46564
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 64.0 32.1 96.5





#67
Ethyl Benzene
Concen: 20.177 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

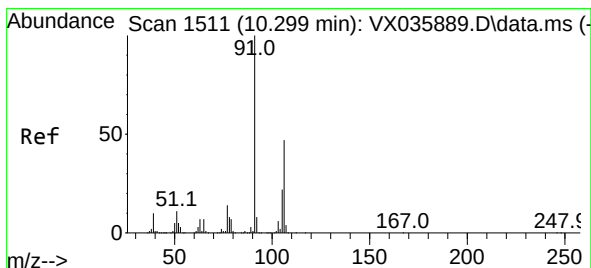
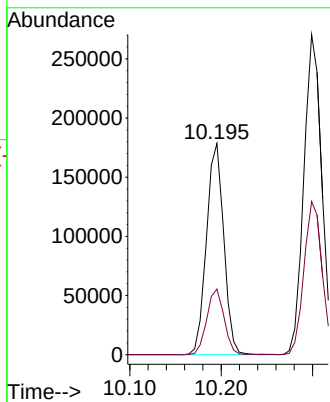
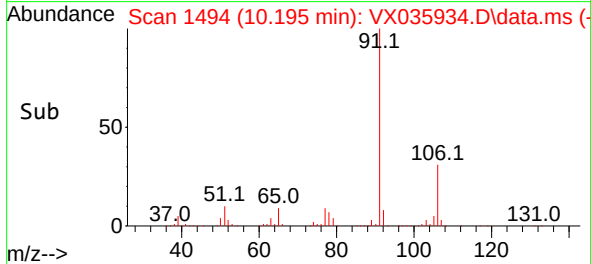
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



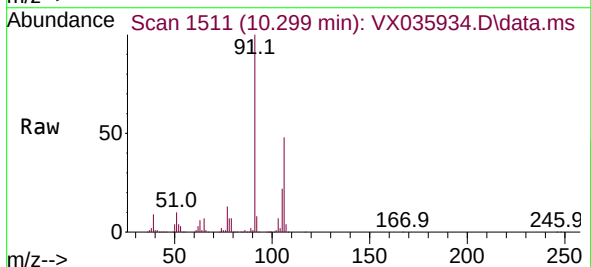
Tgt Ion: 91 Resp: 234209
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

Manual Integrations
APPROVED

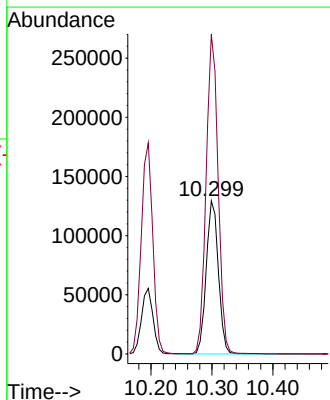
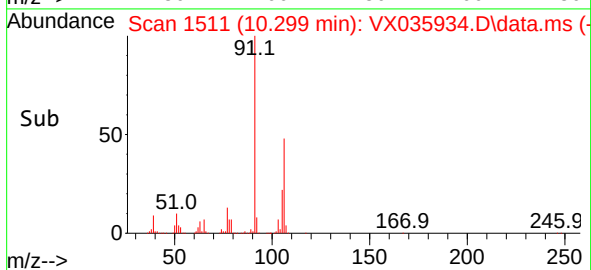
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

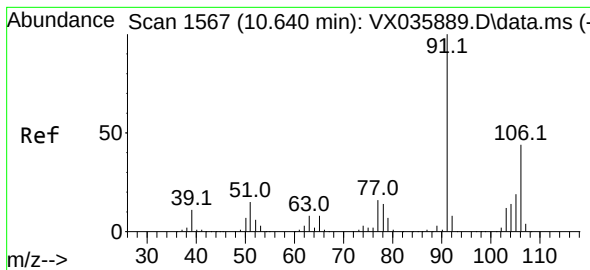


#68
m/p-Xylenes
Concen: 40.801 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion:106 Resp: 179677
Ion Ratio Lower Upper
106 100
91 205.9 169.8 254.8





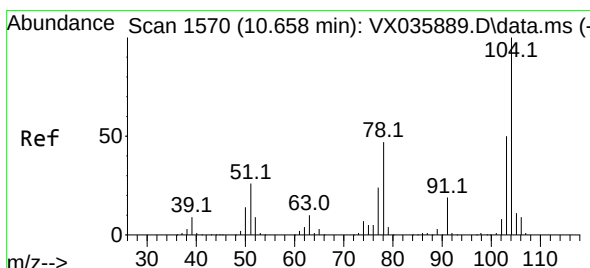
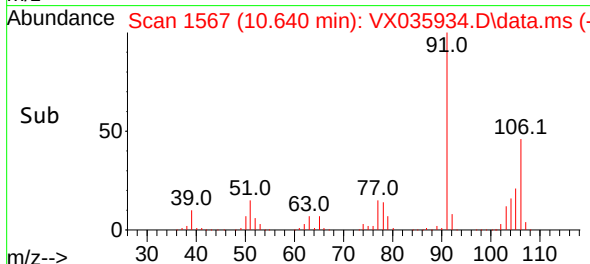
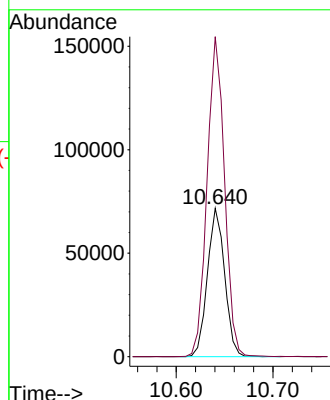
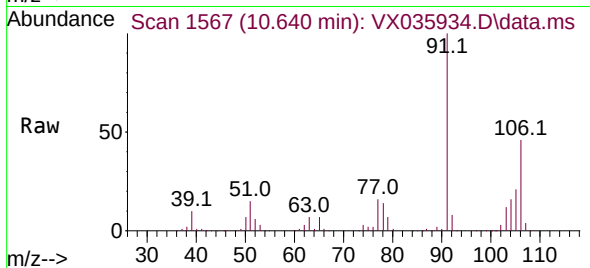
#69
o-Xylene
Concen: 20.129 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion:106 Resp: 89074
Ion Ratio Lower Upper
106 100
91 218.3 112.5 337.4

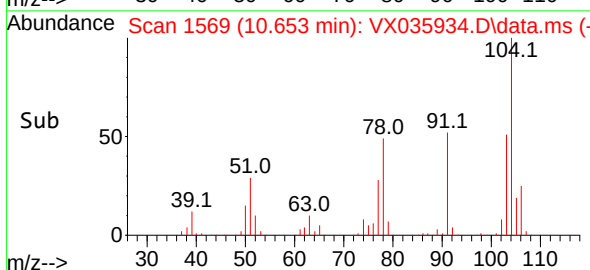
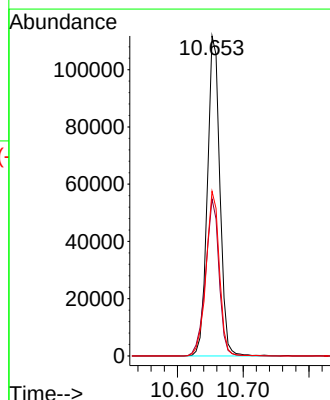
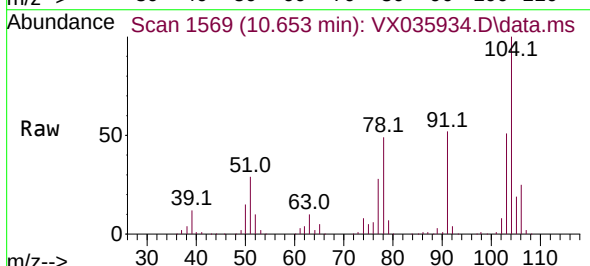
Manual Integrations
APPROVED

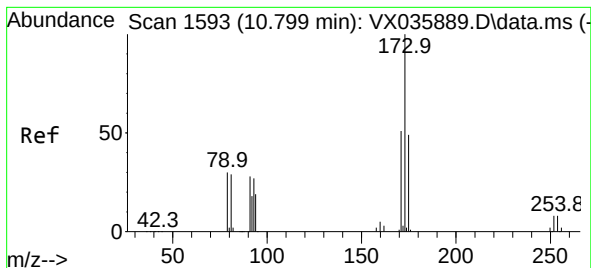
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#70
Styrene
Concen: 20.684 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion:104 Resp: 147894
Ion Ratio Lower Upper
104 100
78 52.8 44.7 67.1
103 54.7 44.0 66.0





#71

Bromoform

Concen: 19.223 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

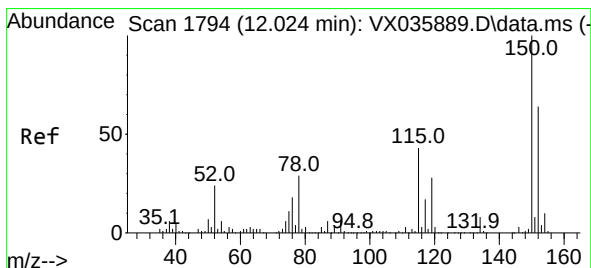
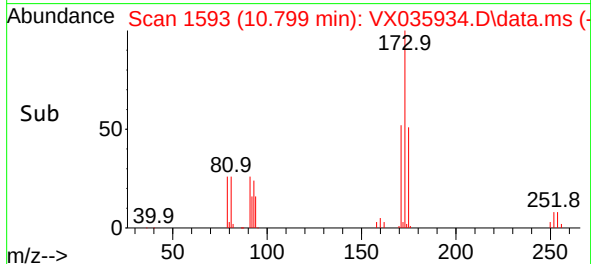
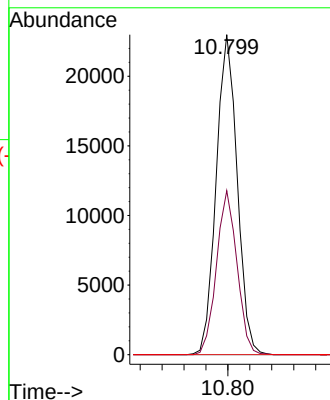
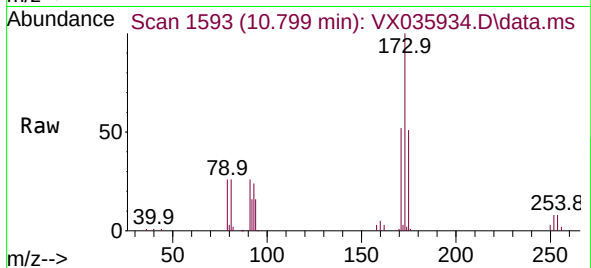
Tgt Ion:173 Resp: 30540
 Ion Ratio Lower Upper
 173 100
 175 50.1 24.2 72.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

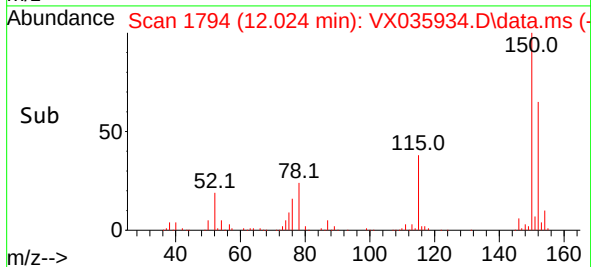
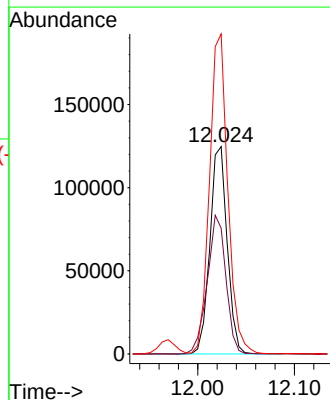
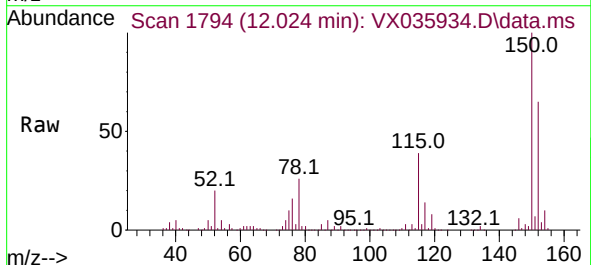
RT: 12.024 min Scan# 1794

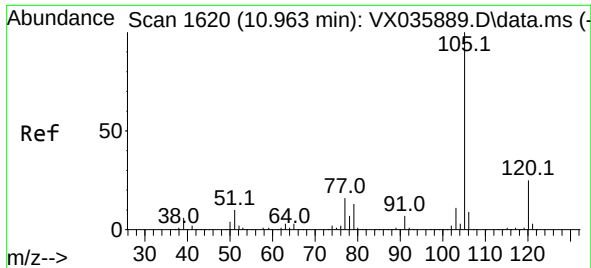
Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

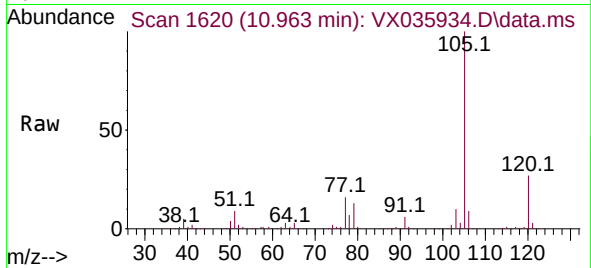
Tgt Ion:152 Resp: 155350
 Ion Ratio Lower Upper
 152 100
 115 72.0 45.5 136.5
 150 162.6 0.0 345.2





#73
Isopropylbenzene
Concen: 20.120 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

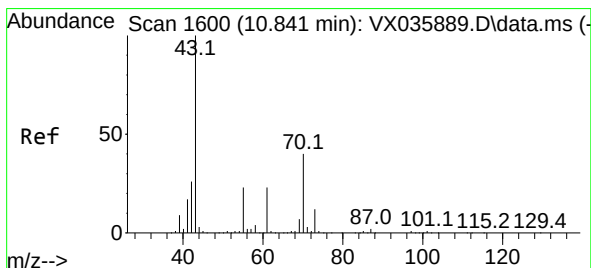
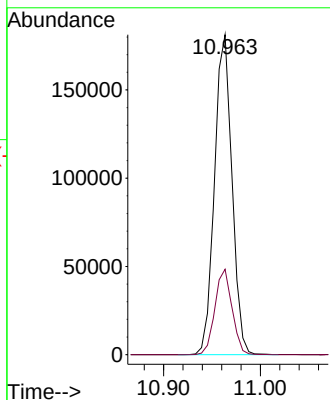
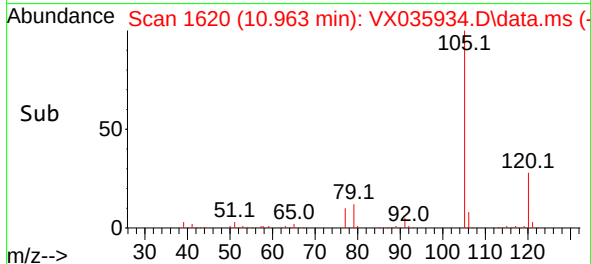
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



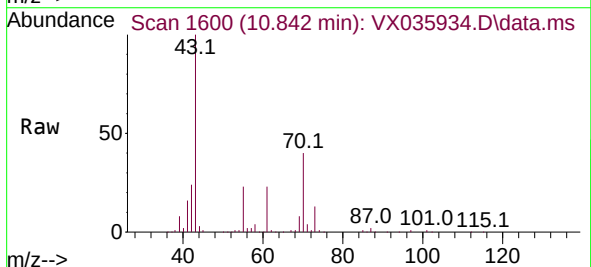
Tgt Ion:105 Resp: 227134
Ion Ratio Lower Upper
105 100
120 26.2 12.7 38.0

Manual Integrations
APPROVED

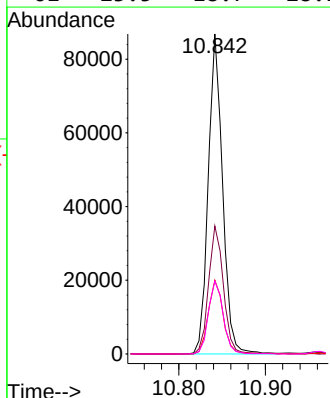
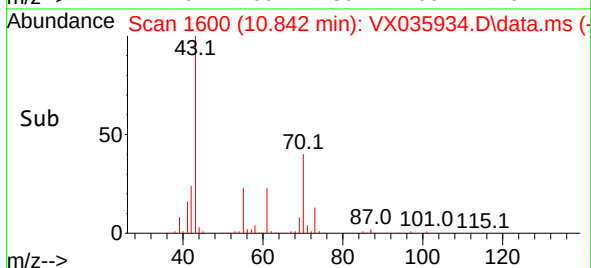
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

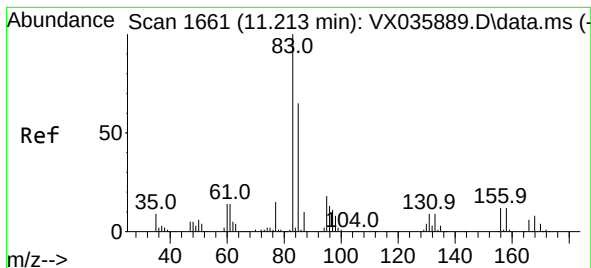


#74
N-ethyl acetate
Concen: 20.314 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion: 43 Resp: 99957
Ion Ratio Lower Upper
43 100
70 41.5 32.6 48.8
55 24.2 19.0 28.4
61 23.5 18.7 28.1





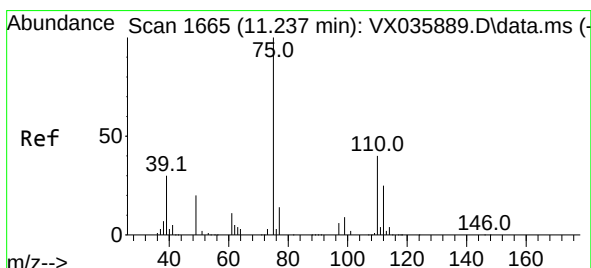
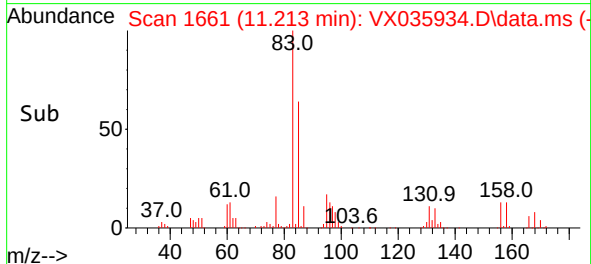
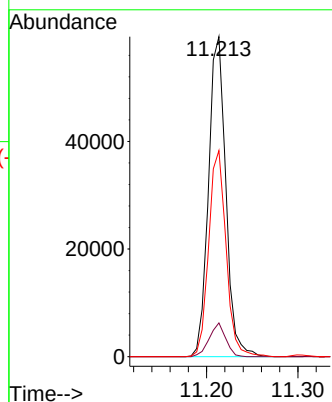
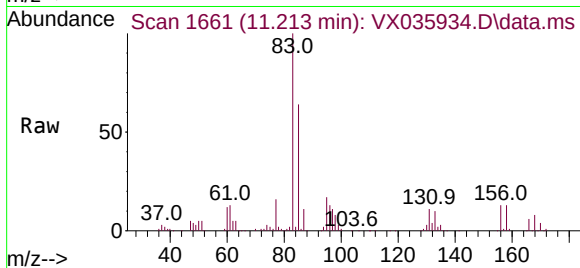
#75
1,1,2,2-Tetrachloroethane
Concen: 20.244 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01

Tgt Ion: 83 Resp: 78174
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 64.6 32.4 97.0

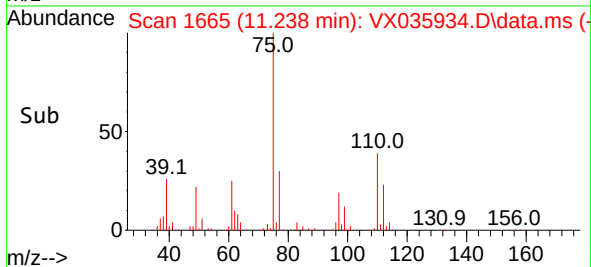
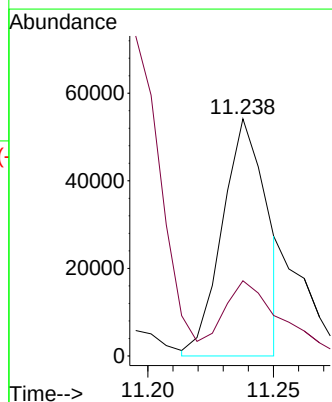
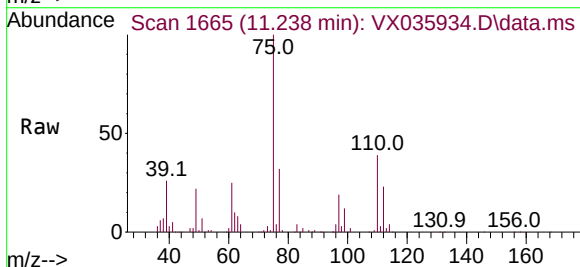
Manual Integrations
APPROVED

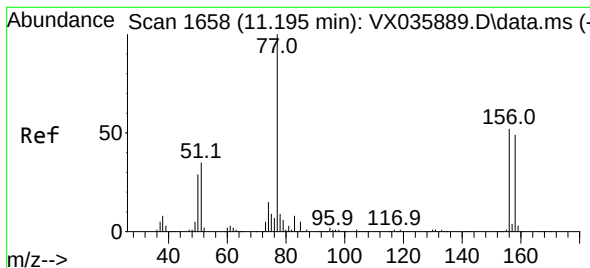
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#76
1,2,3-Trichloropropane
Concen: 19.083 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 75 Resp: 66862
Ion Ratio Lower Upper
75 100
77 41.3 21.4 64.2





#77

Bromobenzene

Concen: 19.630 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion:156 Resp: 5480

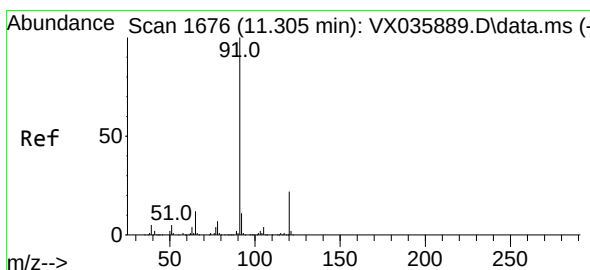
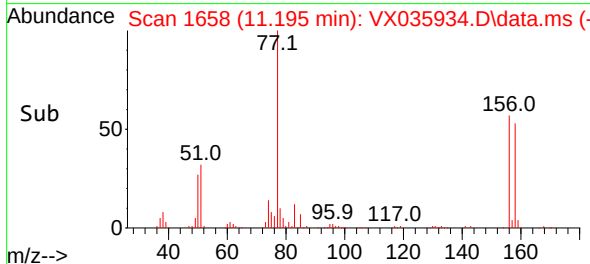
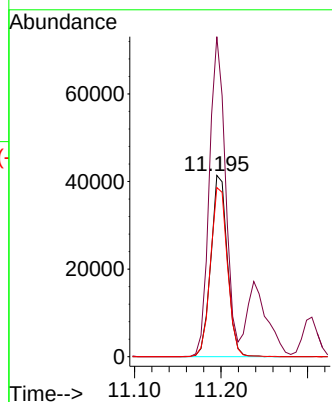
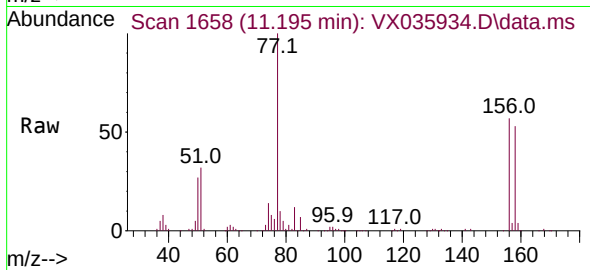
Ion	Ratio	Lower	Upper
156	100		
77	172.1	90.8	272.3
158	95.9	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#78

n-propylbenzene

Concen: 20.459 ug/l

RT: 11.305 min Scan# 1676

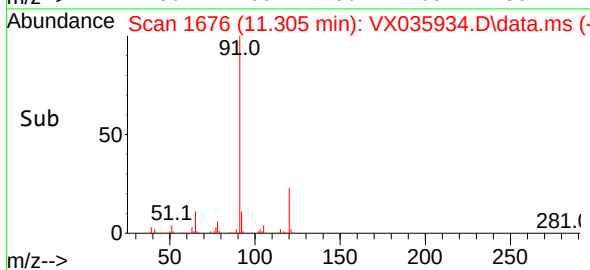
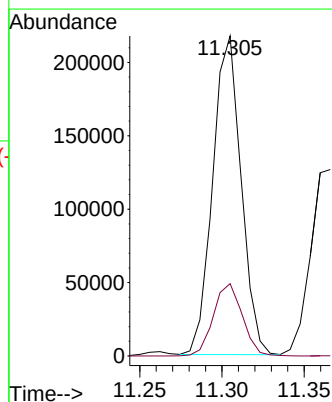
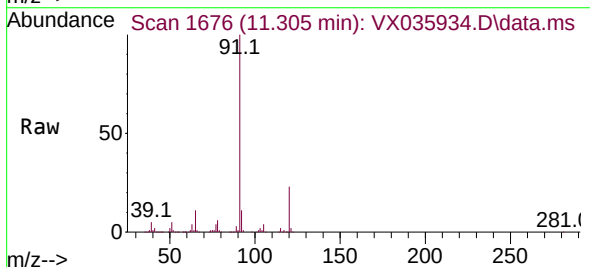
Delta R.T. -0.000 min

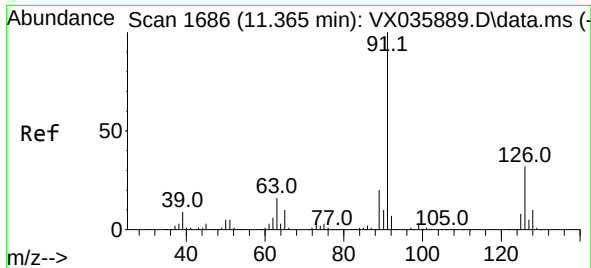
Lab File: VX035934.D

Acq: 31 May 2023 14:24

Tgt Ion: 91 Resp: 260682

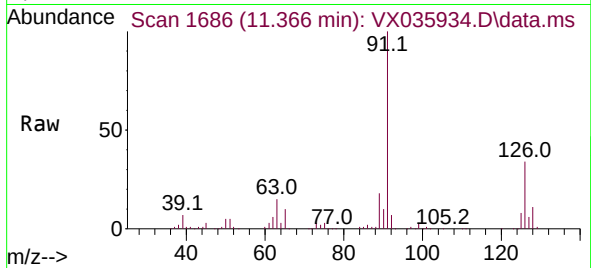
Ion	Ratio	Lower	Upper
91	100		
120	23.1	10.9	32.9





#79
2-Chlorotoluene
Concen: 19.690 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

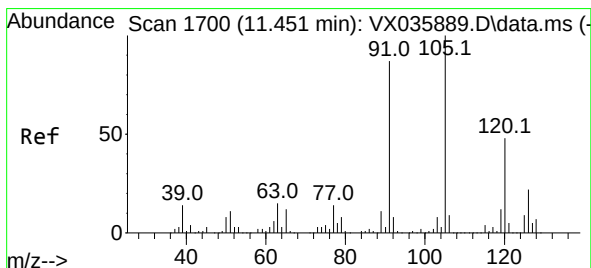
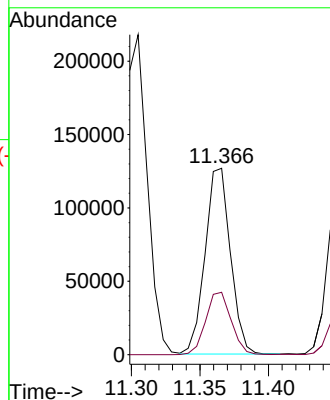
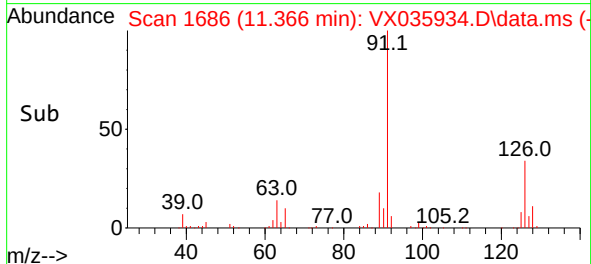
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



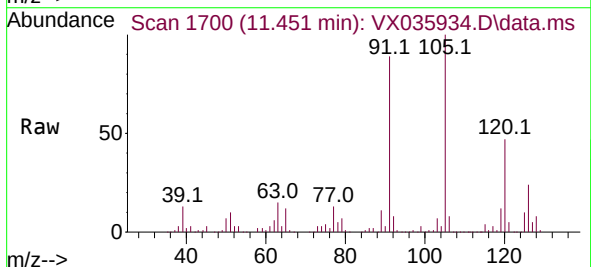
Tgt Ion: 91 Resp: 163389
Ion Ratio Lower Upper
91 100
126 33.8 15.8 47.4

Manual Integrations
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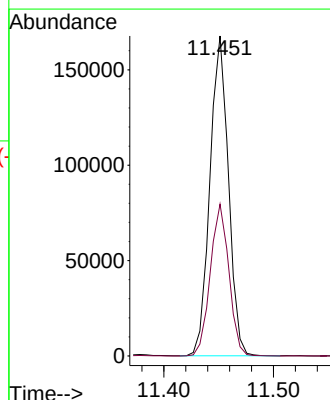
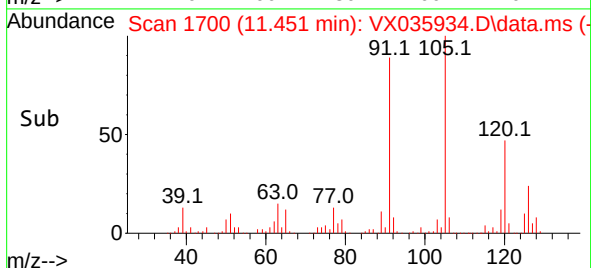
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

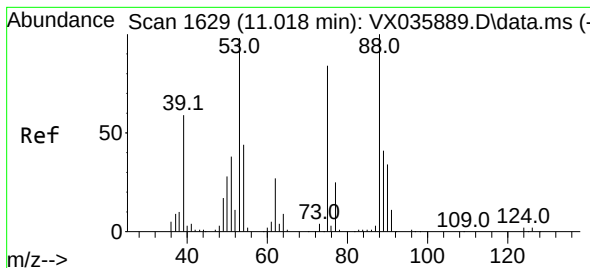


#80
1,3,5-Trimethylbenzene
Concen: 20.585 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



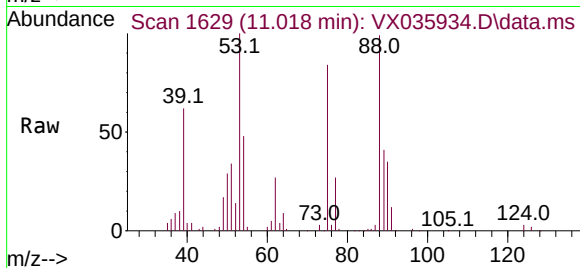
Tgt Ion:105 Resp: 195924
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.228 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

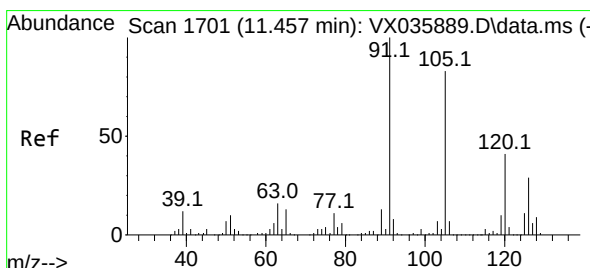
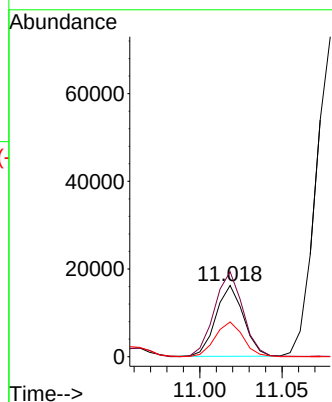
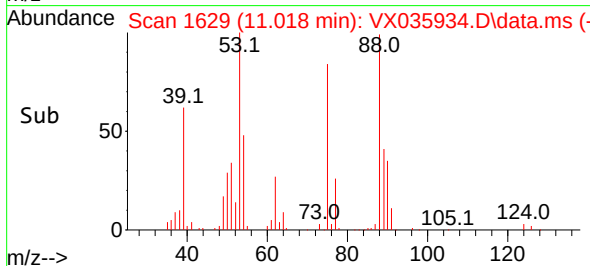
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion: 75 Resp: 1896
Ion Ratio Lower Upper
75 100
53 124.4 95.2 142.8
89 49.5 38.0 57.0

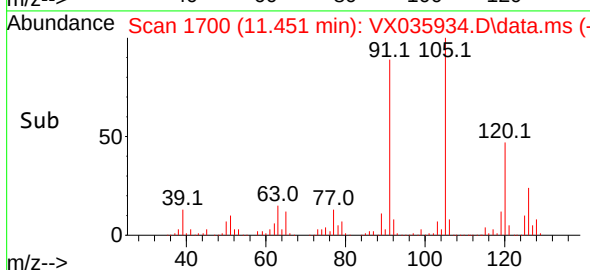
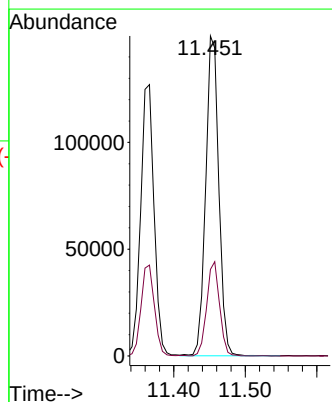
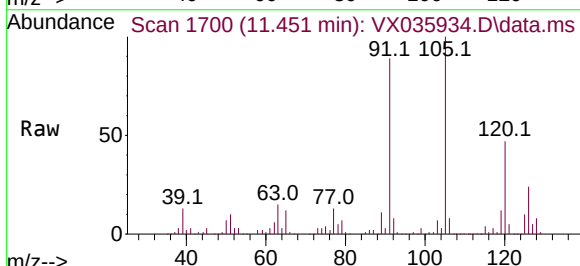
Manual Integrations
APPROVED

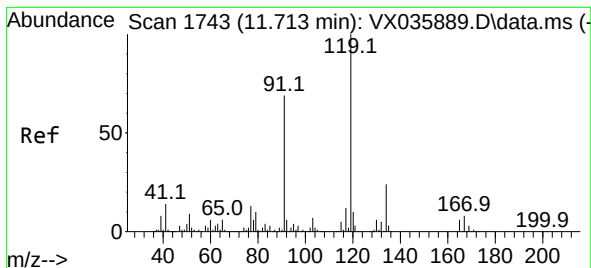
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#82
4-Chlorotoluene
Concen: 20.017 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion: 91 Resp: 190646
Ion Ratio Lower Upper
91 100
126 28.9 13.7 41.0





#83

tert-Butylbenzene

Concen: 20.467 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

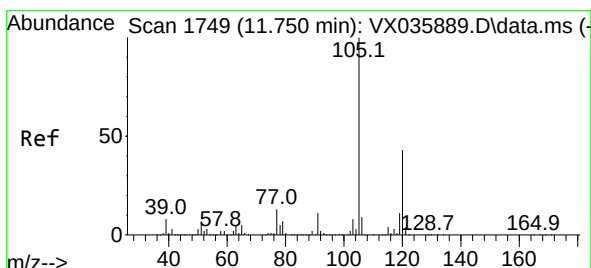
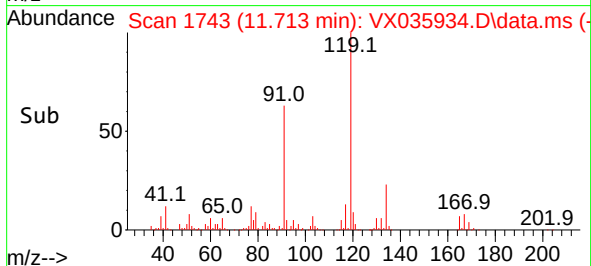
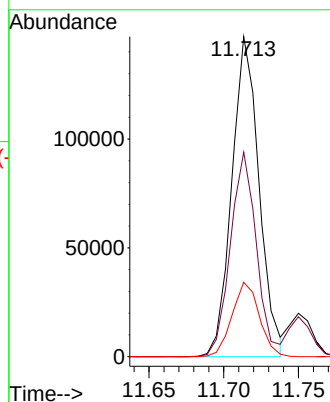
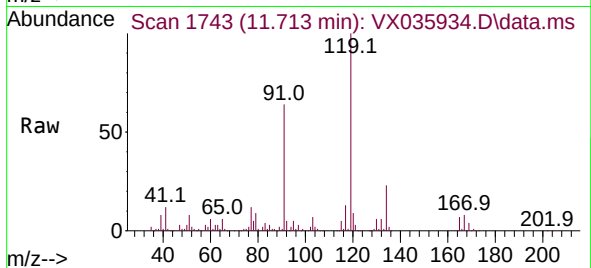
Tgt Ion:119 Resp: 186105
 Ion Ratio Lower Upper
 119 100
 91 61.3 32.4 97.0
 134 23.4 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.087 ug/l

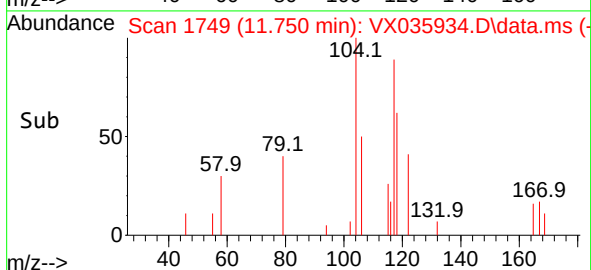
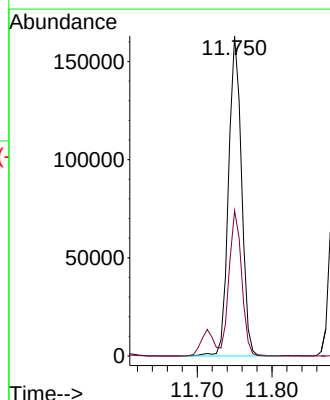
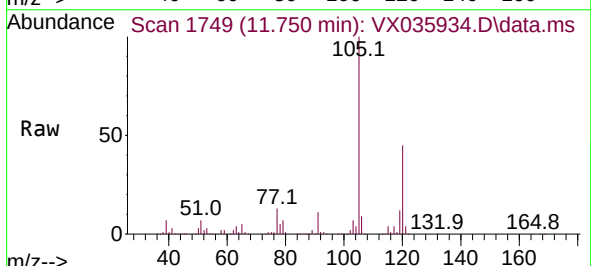
RT: 11.750 min Scan# 1749

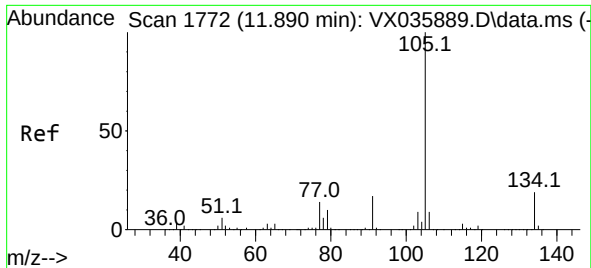
Delta R.T. -0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

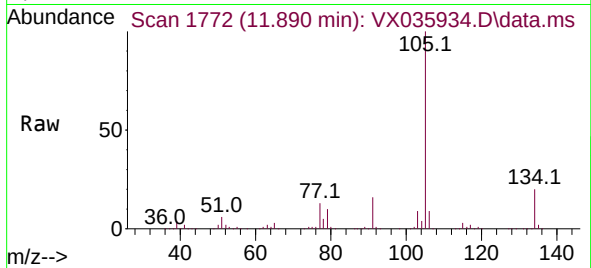
Tgt Ion:105 Resp: 196205
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 20.786 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035934.D
 Acq: 31 May 2023 14:24

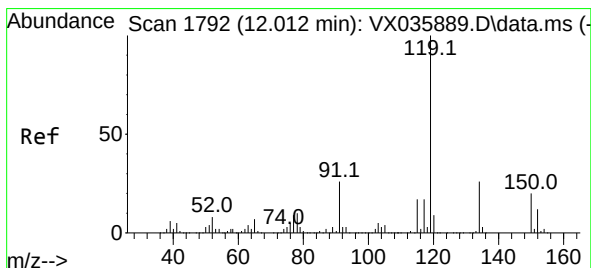
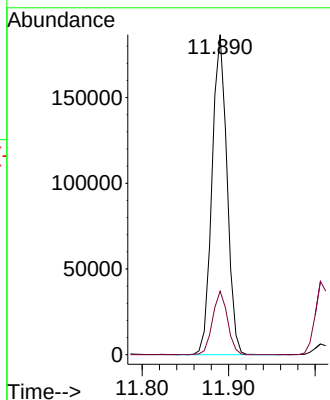
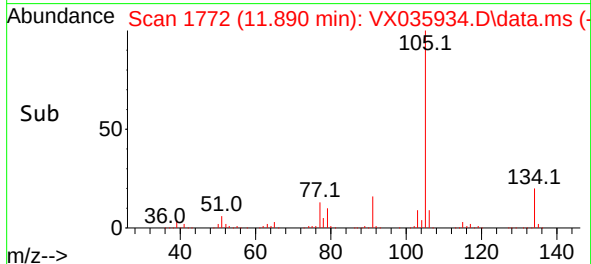
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBSD01



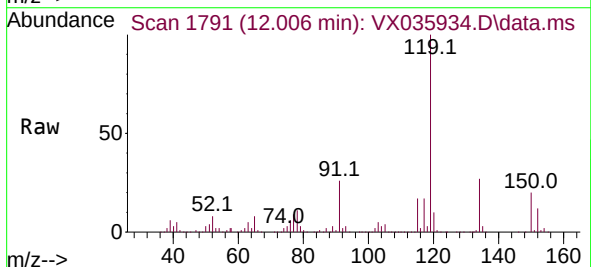
Tgt Ion:105 Resp: 22419
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 28.9

Manual Integrations
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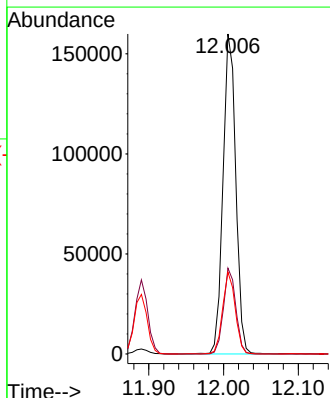
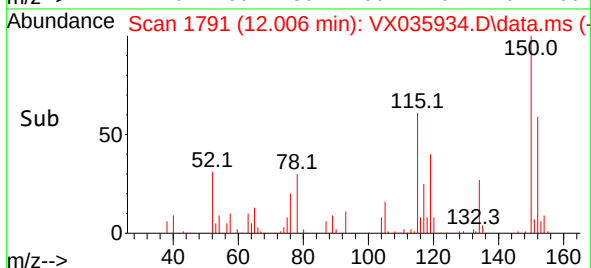
Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

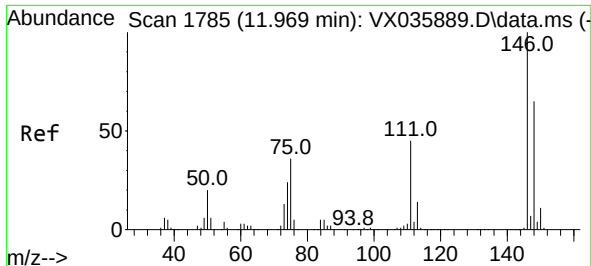


#86
 p-Isopropyltoluene
 Concen: 20.633 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035934.D
 Acq: 31 May 2023 14:24



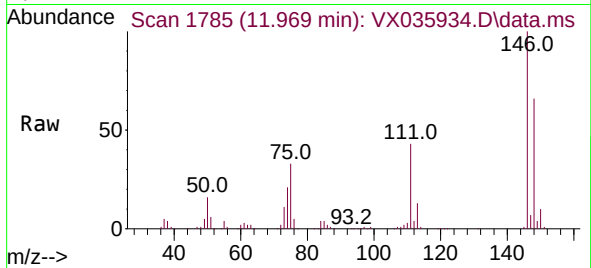
Tgt Ion:119 Resp: 190264
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.7 38.1
 91 25.3 13.5 40.5





#87
1,3-Dichlorobenzene
Concen: 20.090 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

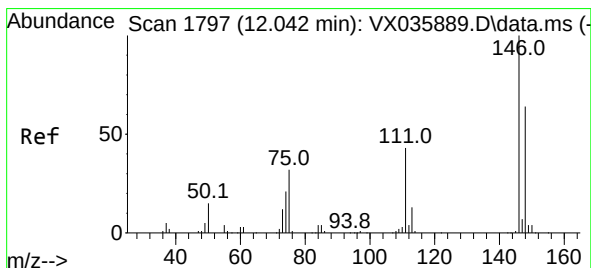
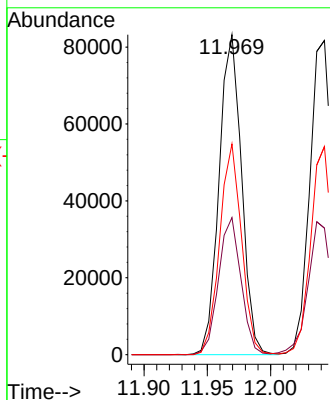
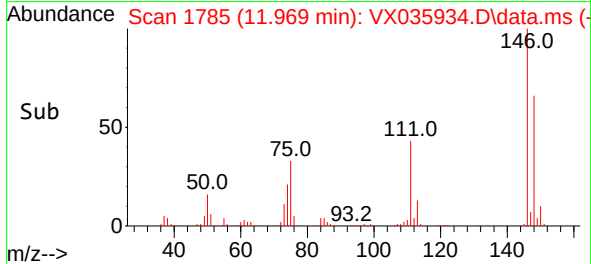
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



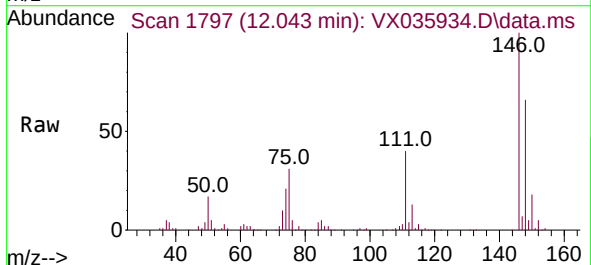
Tgt Ion:146 Resp: 102738
Ion Ratio Lower Upper
146 100
111 42.9 22.6 67.7
148 64.0 31.9 95.7

Manual Integrations
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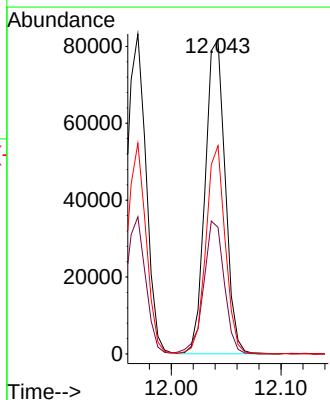
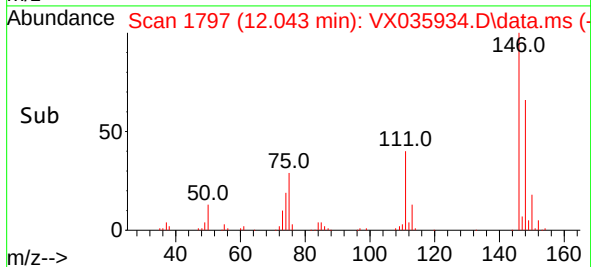
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

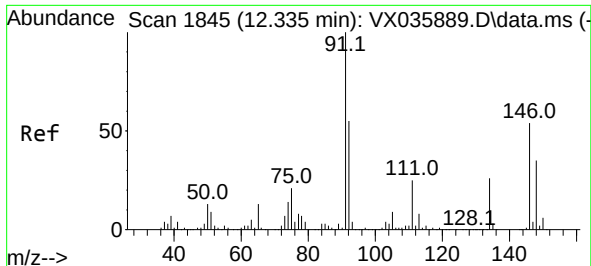


#88
1,4-Dichlorobenzene
Concen: 19.237 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion:146 Resp: 103631
Ion Ratio Lower Upper
146 100
111 43.4 21.8 65.3
148 64.1 31.9 95.7





#89

n-Butylbenzene

Concen: 20.396 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

Tgt Ion: 91 Resp: 15889

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.8

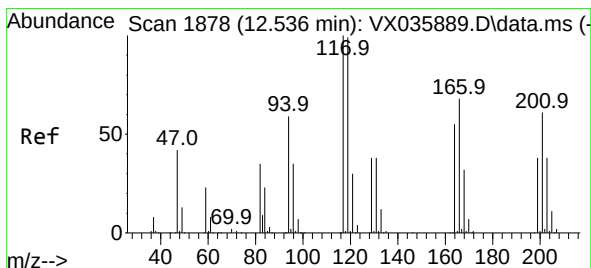
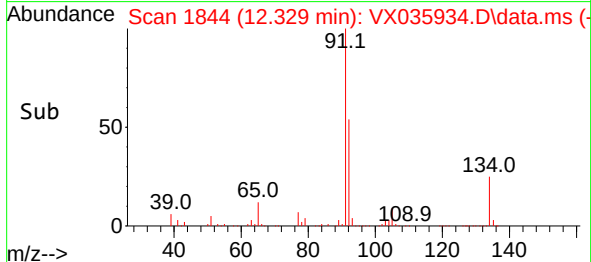
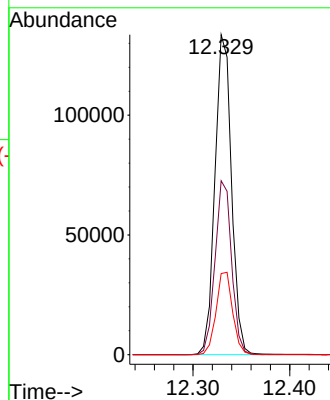
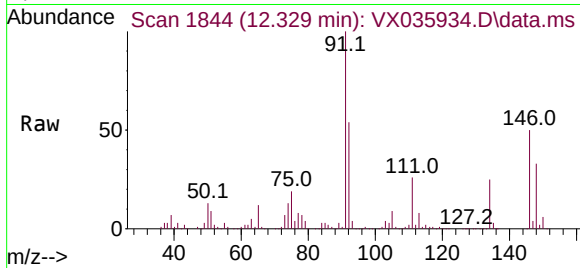
134 25.8 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#90

Hexachloroethane

Concen: 19.301 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035934.D

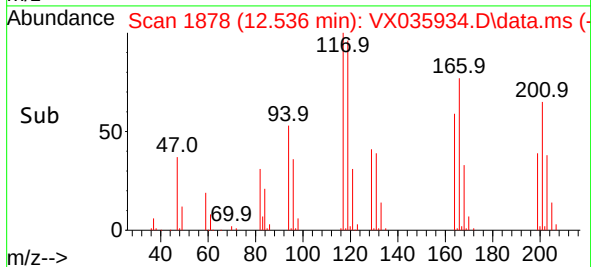
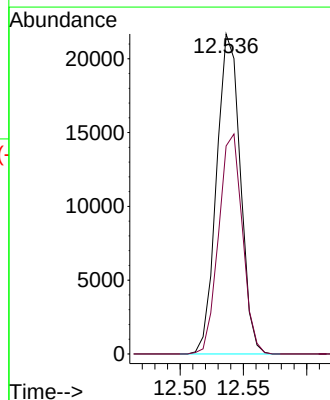
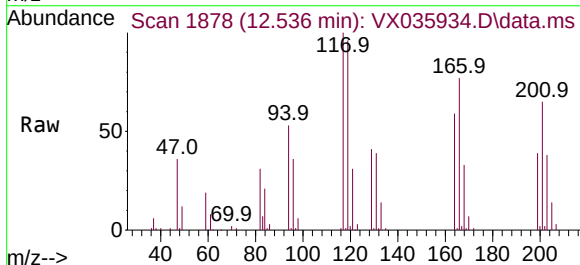
Acq: 31 May 2023 14:24

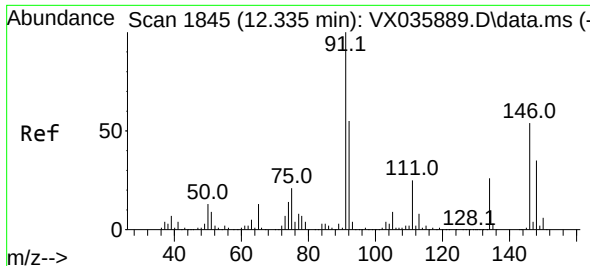
Tgt Ion:117 Resp: 28223

Ion Ratio Lower Upper

117 100

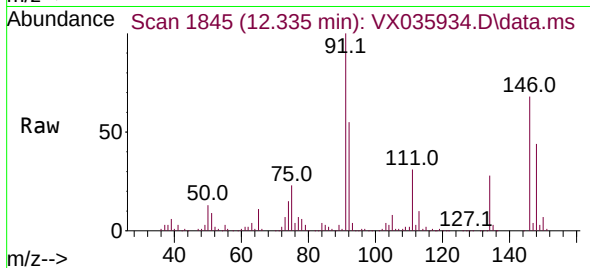
201 68.8 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 20.228 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

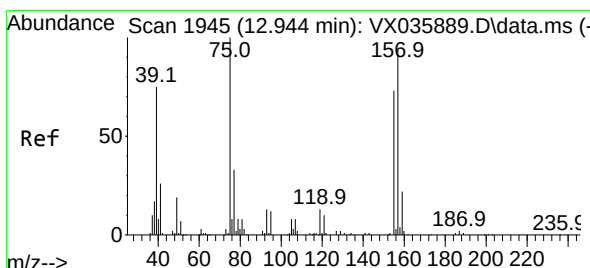
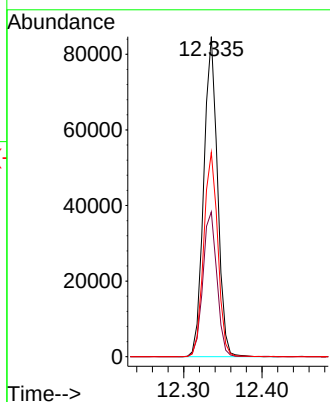
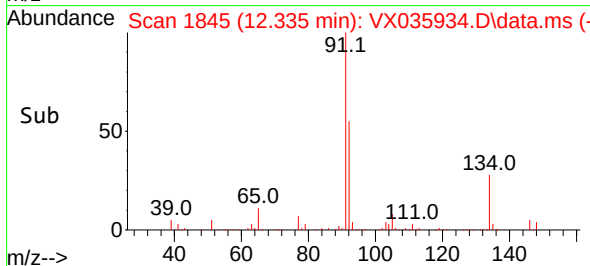
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



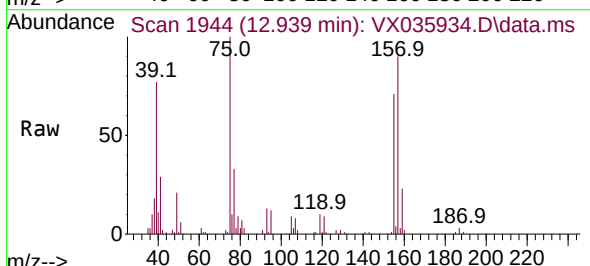
Tgt Ion:146 Resp: 102974
Ion Ratio Lower Upper
146 100
111 46.1 23.3 69.9
148 65.1 31.9 95.7

Manual Integrations
APPROVED

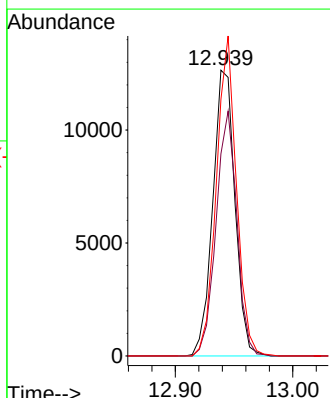
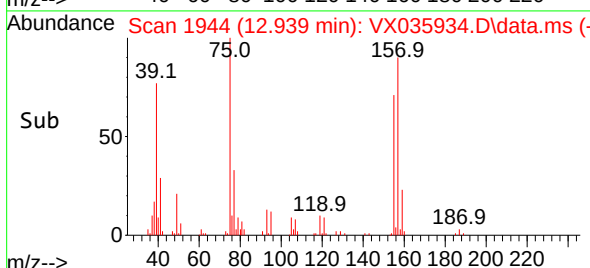
Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023

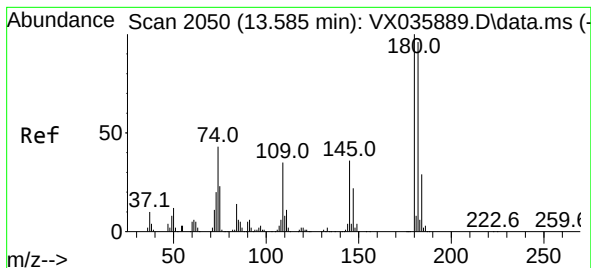


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.783 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.005 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24



Tgt Ion: 75 Resp: 16563
Ion Ratio Lower Upper
75 100
155 80.5 35.3 105.7
157 101.5 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 20.265 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBSD01

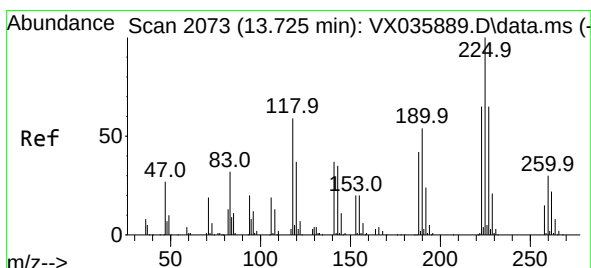
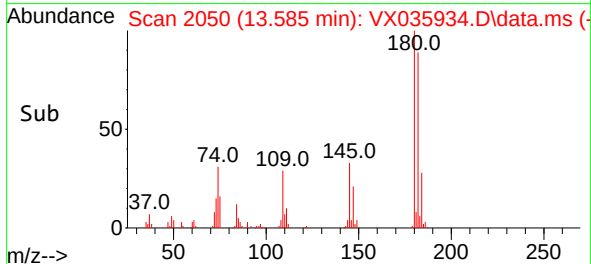
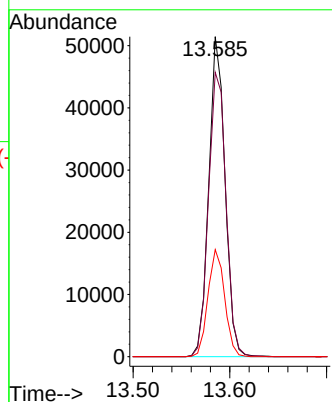
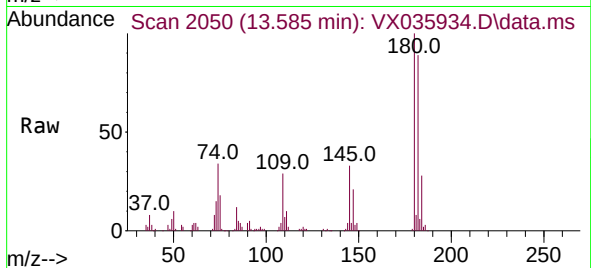
Tgt Ion:180	Resp: 60030
Ion Ratio	Lower Upper
180 100	
182 95.7	47.3 141.8
145 34.4	17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/01/2023

Supervised By :Mahesh Dadoda 06/01/2023



#94

Hexachlorobutadiene

Concen: 20.238 ug/l

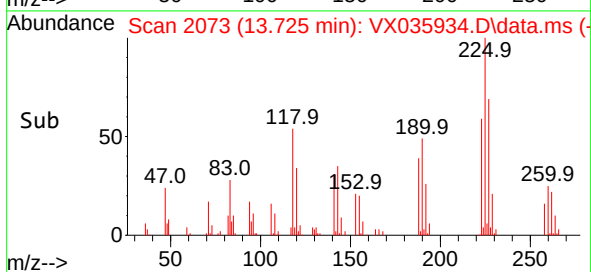
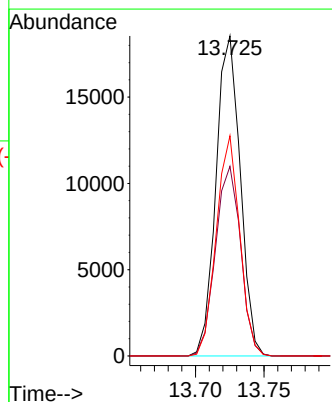
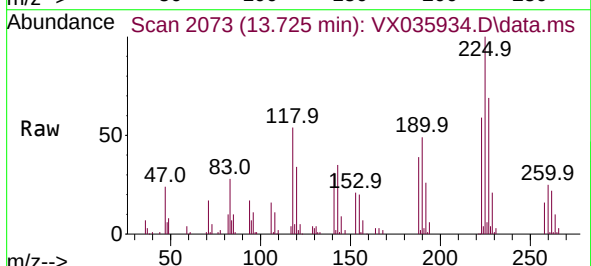
RT: 13.725 min Scan# 2073

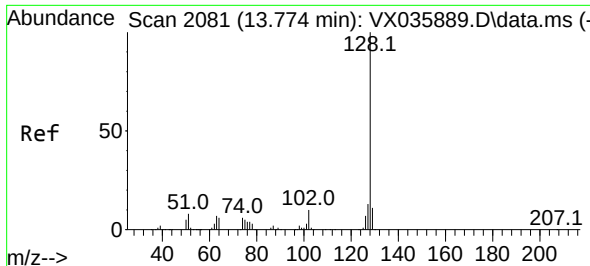
Delta R.T. 0.000 min

Lab File: VX035934.D

Acq: 31 May 2023 14:24

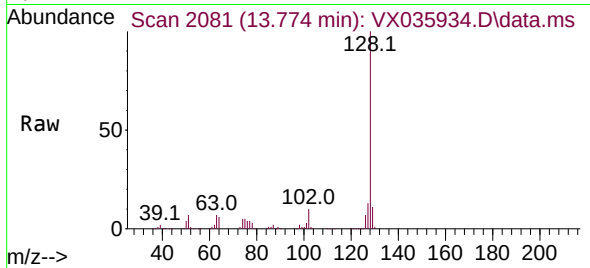
Tgt Ion:225	Resp: 22807
Ion Ratio	Lower Upper
225 100	
223 61.5	32.6 97.7
227 66.5	31.9 95.7





#95
Naphthalene
Concen: 21.359 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

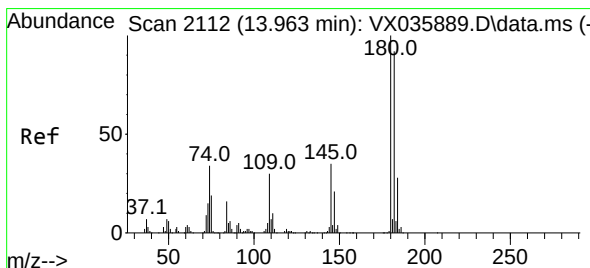
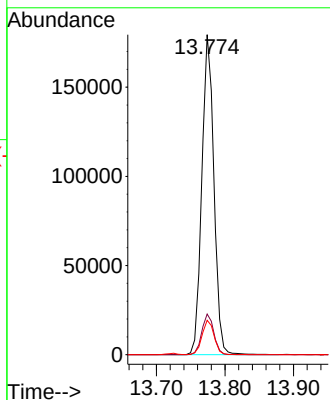
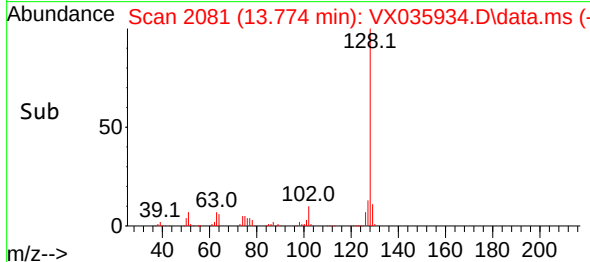
Instrument :
MSVOA_X
ClientSampleId :
VX0531WBSD01



Tgt Ion:128 Resp: 220230
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/01/2023
Supervised By :Mahesh Dadoda 06/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.558 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035934.D
Acq: 31 May 2023 14:24

Tgt Ion:180 Resp: 60075
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.7
145 35.2 18.1 54.3

