

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030124\
 Data File : VX040551.D
 Acq On : 01 Mar 2024 16:36
 Operator : JC/MD
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 23:18:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	99604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163069	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85849	51.532	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.060%			
35) Dibromofluoromethane	5.379	113	59550	52.515	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.020%			
50) Toluene-d8	8.646	98	209726	50.952	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.900%			
62) 4-Bromofluorobenzene	11.079	95	74945	47.765	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20159	16.263	ug/l	99
3) Chloromethane	1.294	50	18974	15.432	ug/l	92
4) Vinyl Chloride	1.373	62	20787	15.635	ug/l	99
5) Bromomethane	1.605	94	13656	18.483	ug/l	91
6) Chloroethane	1.684	64	11881	14.120	ug/l	97
7) Trichlorofluoromethane	1.885	101	31916	15.199	ug/l	95
8) Diethyl Ether	2.129	74	10327	14.070	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	16599	14.685	ug/l	95
10) Methyl Iodide	2.452	142	17148	17.026	ug/l	97
11) Tert butyl alcohol	2.952	59	23205	82.859	ug/l #	90
12) 1,1-Dichloroethene	2.318	96	14603	12.868	ug/l	94
13) Acrolein	2.233	56	9282	51.696	ug/l	99
14) Allyl chloride	2.660	41	27705	13.955	ug/l	93
15) Acrylonitrile	3.062	53	54353	77.372	ug/l	98
16) Acetone	2.373	43	56883	104.701	ug/l	98
17) Carbon Disulfide	2.507	76	36265	11.540	ug/l	98
18) Methyl Acetate	2.696	43	27775	16.583	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	64061	16.550	ug/l	97
20) Methylene Chloride	2.788	84	20831	16.022	ug/l	89
21) trans-1,2-Dichloroethene	3.092	96	18157	15.003	ug/l	94
22) Diisopropyl ether	3.757	45	64067	16.058	ug/l	98
23) Vinyl Acetate	3.720	43	294514	80.586	ug/l	100
24) 1,1-Dichloroethane	3.605	63	37342	16.050	ug/l	100
25) 2-Butanone	4.550	43	85716	90.554	ug/l	100
26) 2,2-Dichloropropane	4.476	77	32009	17.280	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	21806	15.401	ug/l	99
28) Bromochloromethane	4.897	49	13940	14.324	ug/l	99
29) Tetrahydrofuran	4.995	42	52633	79.705	ug/l	99
30) Chloroform	5.092	83	40498	16.399	ug/l	96
31) Cyclohexane	5.464	56	28609	15.158	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	35621	16.900	ug/l	98
36) 1,1-Dichloropropene	5.683	75	28243	16.166	ug/l	98
37) Ethyl Acetate	4.708	43	31211	16.323	ug/l #	89
38) Carbon Tetrachloride	5.671	117	29206	17.304	ug/l	98
39) Methylcyclohexane	7.378	83	31047	16.460	ug/l	99
40) Benzene	6.037	78	76187	16.107	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	16550	15.496	ug/l	91
42) 1,2-Dichloroethane	6.086	62	36434	18.610	ug/l	97
43) Isopropyl Acetate	6.336	43	50842	16.946	ug/l	99
44) Trichloroethene	7.122	130	20336	15.986	ug/l	90
45) 1,2-Dichloropropane	7.427	63	20955	16.553	ug/l	100
46) Dibromomethane	7.586	93	15703	16.872	ug/l	98
47) Bromodichloromethane	7.817	83	31559	17.222	ug/l #	95
48) Methyl methacrylate	7.689	41	26497	17.670	ug/l	97
49) 1,4-Dioxane	7.653	88	9287	327.387	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	171487	86.451	ug/l	97
52) Toluene	8.720	92	49005	16.881	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	31555	16.968	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33970	16.994	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	20842	17.300	ug/l	94
56) Ethyl methacrylate	9.116	69	32262	17.320	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	35597	16.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	85926	87.982	ug/l	96
59) 2-Hexanone	9.427	43	138380	90.736	ug/l	96
60) Dibromochloromethane	9.518	129	22942	17.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22281	16.949	ug/l	99
64) Tetrachloroethene	9.268	164	19132	17.882	ug/l	95
65) Chlorobenzene	10.079	112	55275	17.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	20185	17.669	ug/l	98
67) Ethyl Benzene	10.195	91	104034	17.533	ug/l	96
68) m/p-Xylenes	10.299	106	75607	34.121	ug/l	93
69) o-Xylene	10.640	106	33332	15.728	ug/l	95
70) Styrene	10.652	104	53985	15.281	ug/l	96
71) Bromoform	10.798	173	14407	15.406	ug/l #	100
73) Isopropylbenzene	10.963	105	90398	15.392	ug/l	98
74) N-amyl acetate	10.841	43	41174	15.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	32600	15.349	ug/l	97
76) 1,2,3-Trichloropropane	11.237	75	27141m	15.464	ug/l	
77) Bromobenzene	11.195	156	22568	16.251	ug/l	96
78) n-propylbenzene	11.304	91	117002	16.061	ug/l	97
79) 2-Chlorotoluene	11.359	91	72687	16.575	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	85988	17.216	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	7496	14.922	ug/l	90
82) 4-Chlorotoluene	11.457	91	86770	17.110	ug/l	99
83) tert-Butylbenzene	11.713	119	83258	17.681	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	86384	17.431	ug/l	99
85) sec-Butylbenzene	11.890	105	108141	17.481	ug/l	99
86) p-Isopropyltoluene	12.006	119	88610	17.377	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	45525	16.447	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	46156	16.380	ug/l	97
89) n-Butylbenzene	12.335	91	86463	17.235	ug/l	96
90) Hexachloroethane	12.536	117	14557	17.153	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	44184	16.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8981	18.138	ug/l	97
93) 1,2,4-Trichlorobenzene	13.584	180	30654	17.807	ug/l	98
94) Hexachlorobutadiene	13.725	225	12955	18.414	ug/l	98
95) Naphthalene	13.773	128	94594	17.195	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	29874	18.256	ug/l	98

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ClientSampleId :
VX0301WBS01

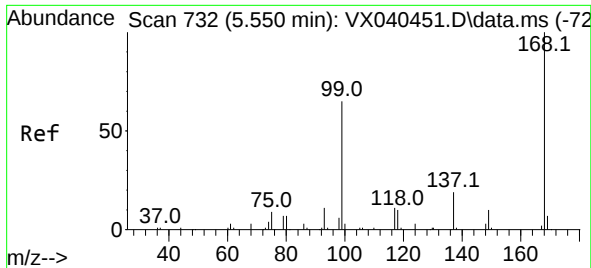
Manual Integrations
APPROVED

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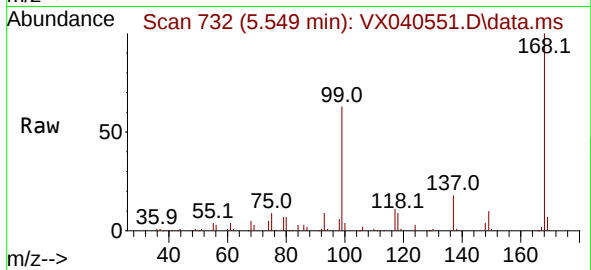
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
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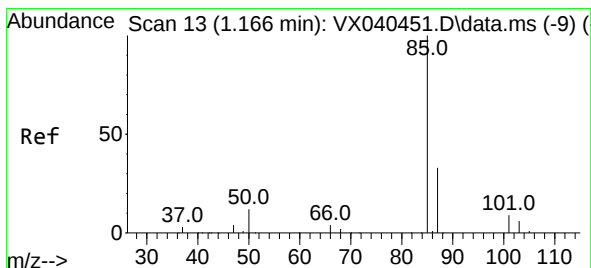
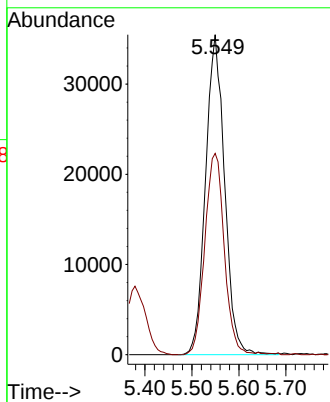
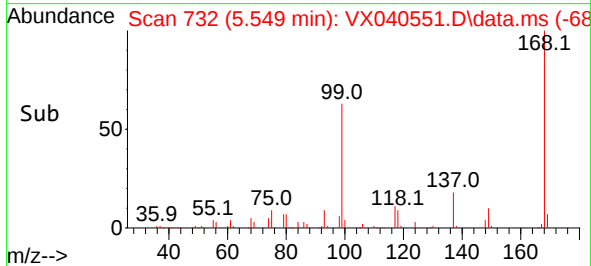
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion:168 Resp: 99604
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0

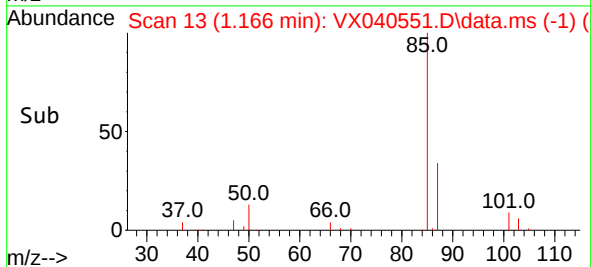
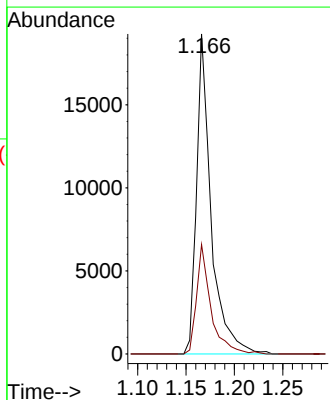
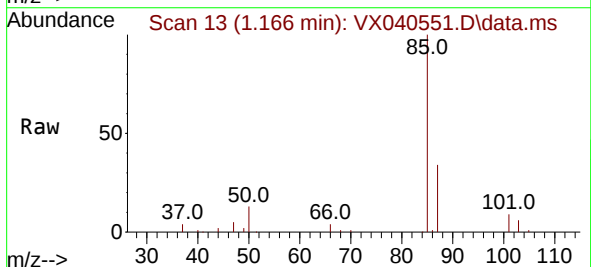
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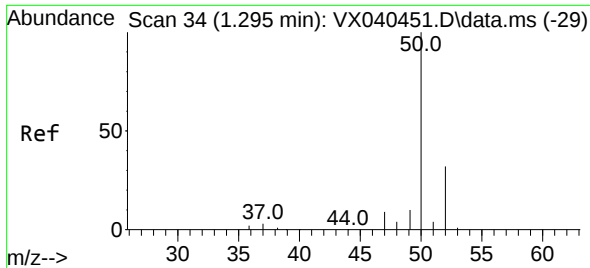
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#2
Dichlorodifluoromethane
Concen: 16.263 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 85 Resp: 20159
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.1





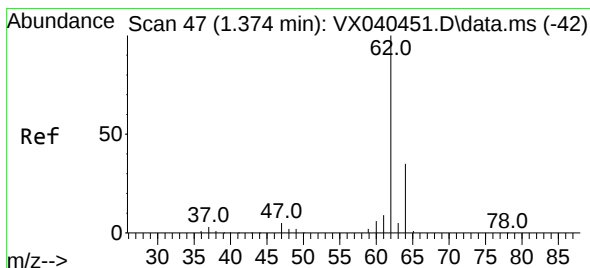
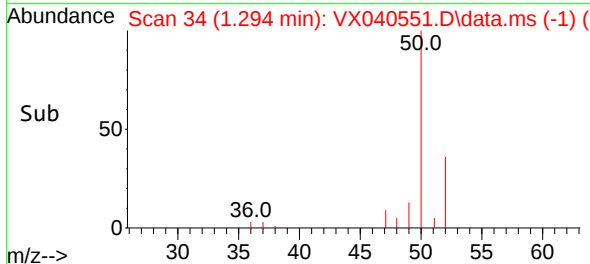
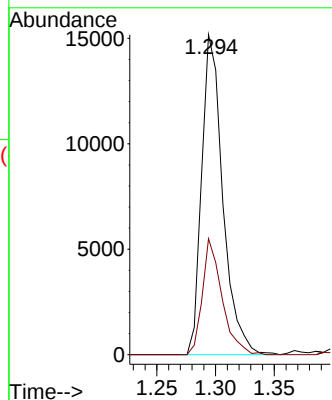
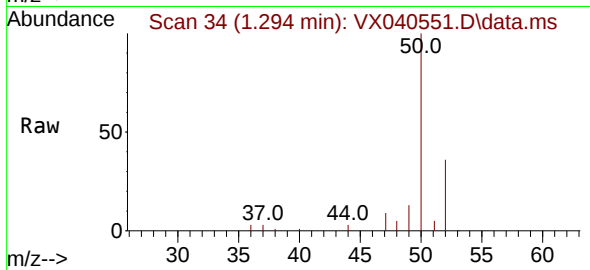
#3
Chloromethane
Concen: 15.432 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

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Tgt Ion: 50 Resp: 18974
Ion Ratio Lower Upper
50 100
52 36.3 25.5 38.3

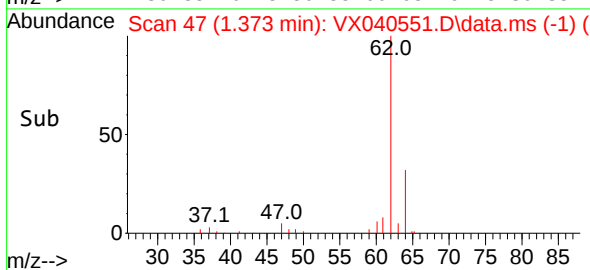
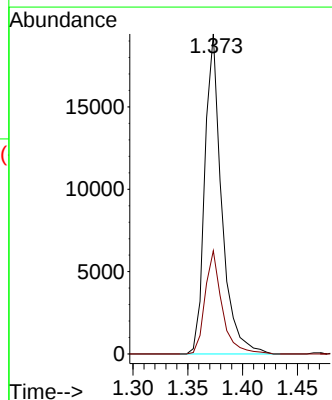
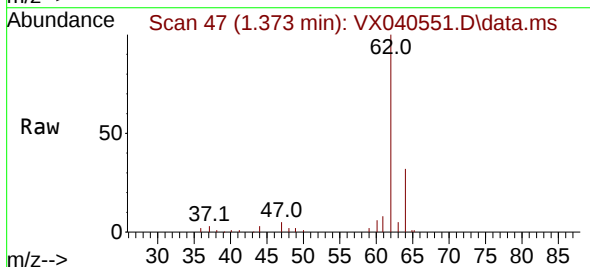
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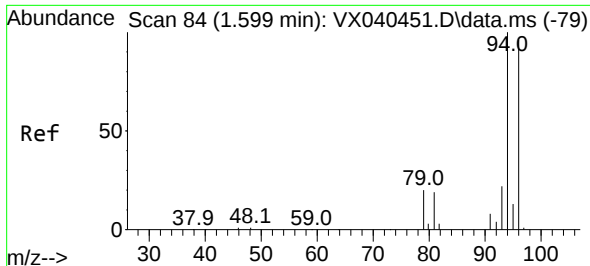
Reviewed By :John Carlone 03/04/2024
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#4
Vinyl Chloride
Concen: 15.635 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 62 Resp: 20787
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





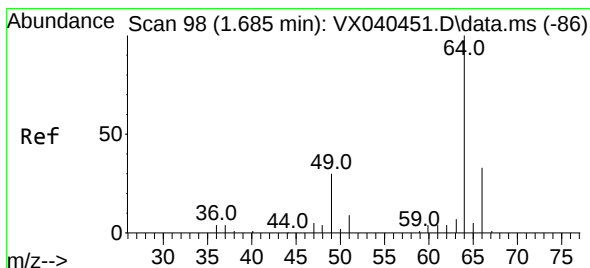
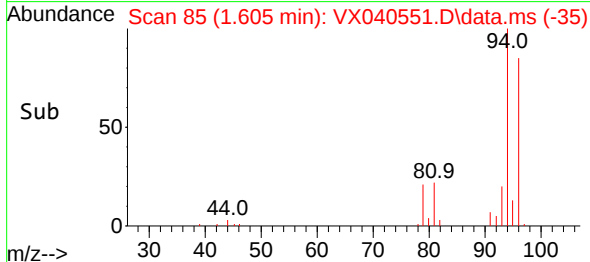
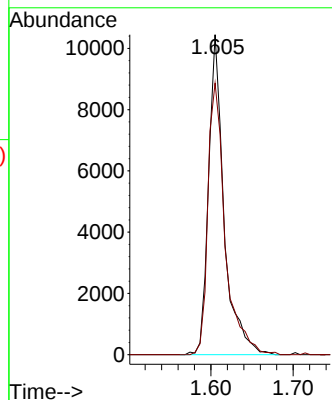
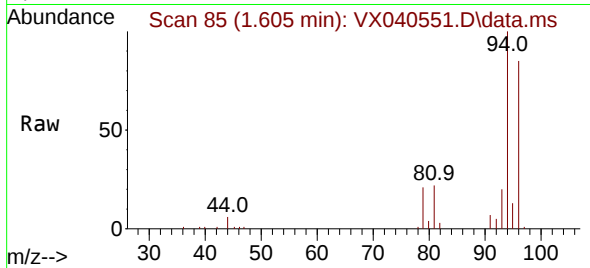
#5
Bromomethane
Concen: 18.483 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
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Tgt Ion: 94 Resp: 13650
Ion Ratio Lower Upper
94 100
96 84.8 74.6 111.8

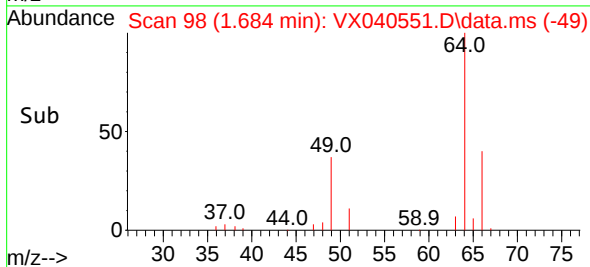
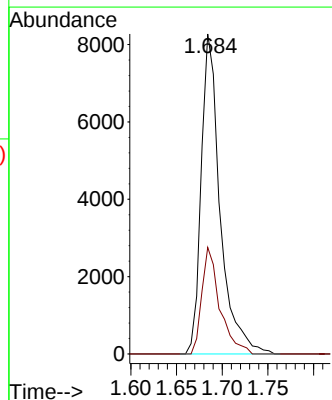
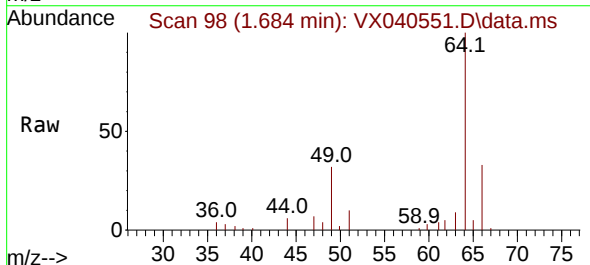
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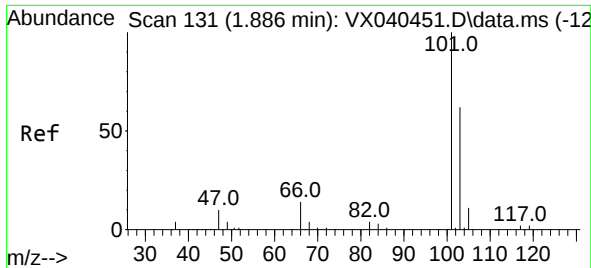
Reviewed By :John Carbone 03/04/2024
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#6
Chloroethane
Concen: 14.120 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 64 Resp: 11881
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





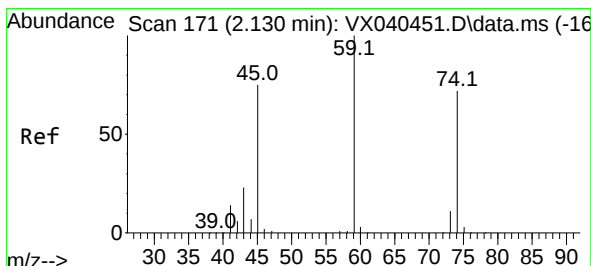
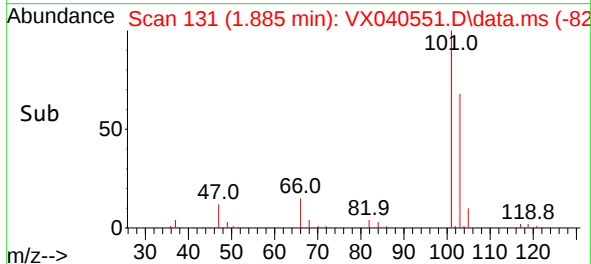
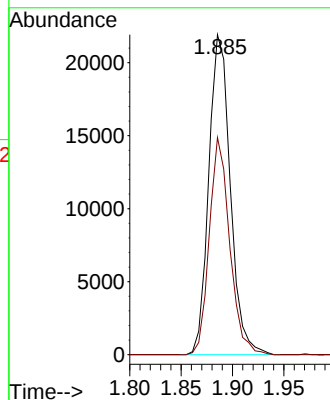
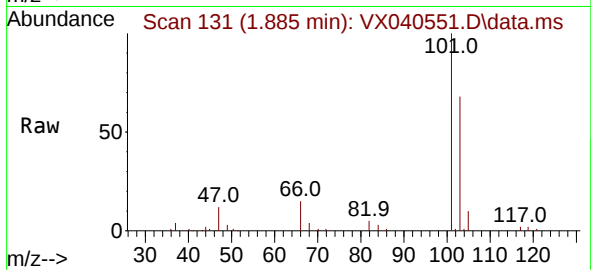
#7
Trichlorofluoromethane
Concen: 15.199 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 31910
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.2

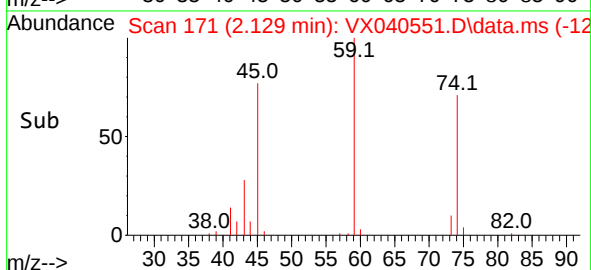
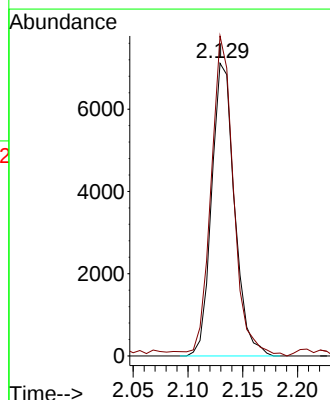
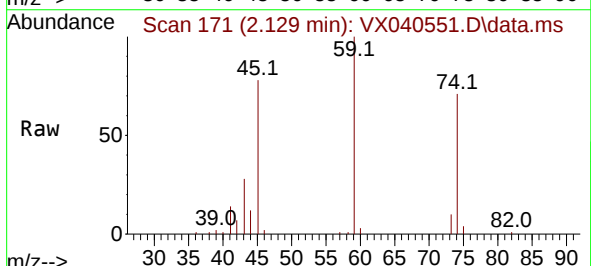
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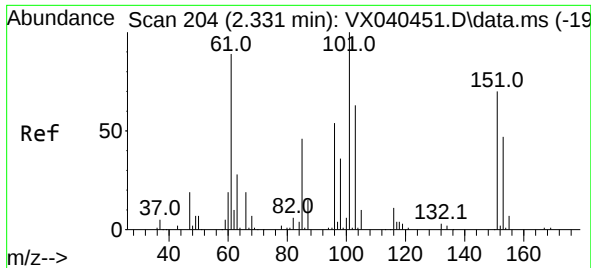
Reviewed By :John Carlone 03/04/2024
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#8
Diethyl Ether
Concen: 14.070 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 74 Resp: 10327
Ion Ratio Lower Upper
74 100
45 107.5 53.3 159.8





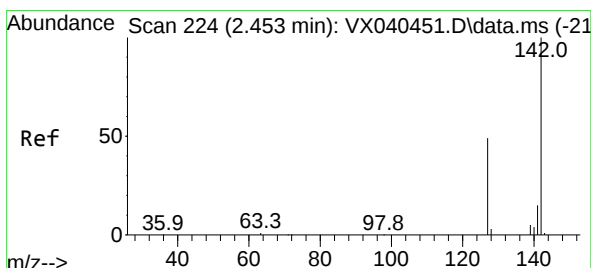
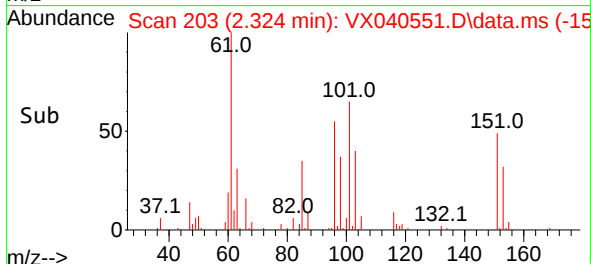
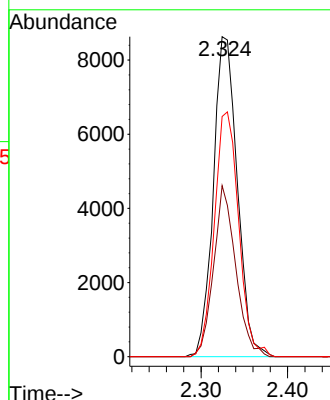
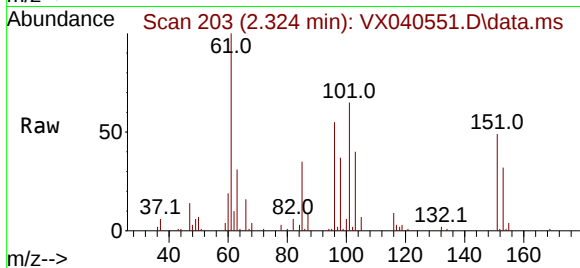
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.685 ug/l
RT: 2.324 min Scan# 204
Delta R.T. -0.007 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion:101 Resp: 1659
Ion Ratio Lower Upper
101 100
85 49.3 37.0 55.6
151 77.7 58.6 87.8

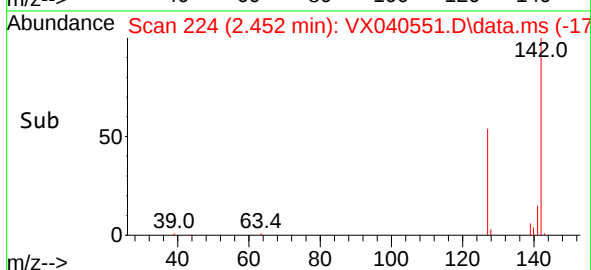
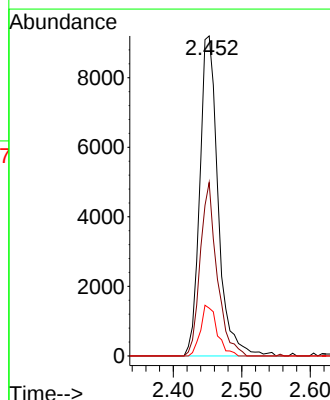
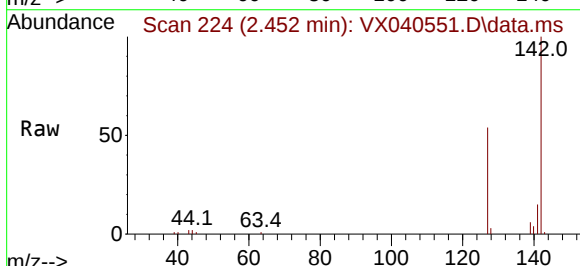
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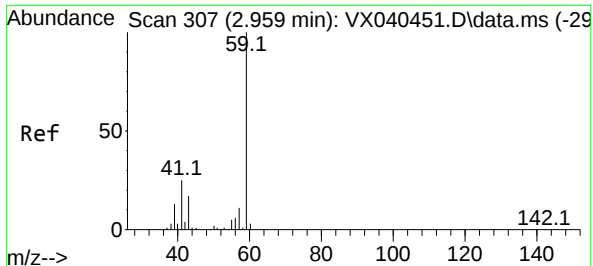
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#10
Methyl Iodide
Concen: 17.026 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:142 Resp: 17148
Ion Ratio Lower Upper
142 100
127 49.7 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 82.859 ug/l

RT: 2.952 min Scan# 307

Delta R.T. -0.007 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 59 Resp: 2320

Ion Ratio Lower Upper

59 100

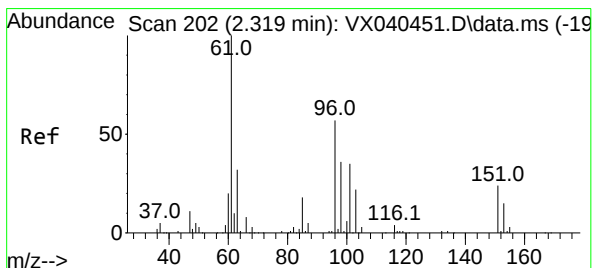
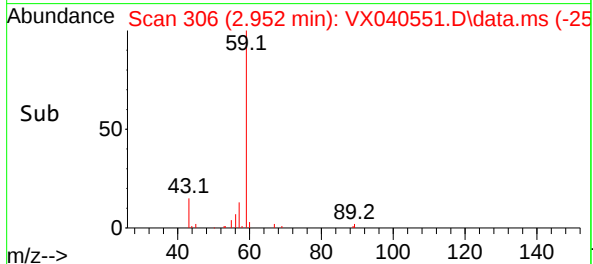
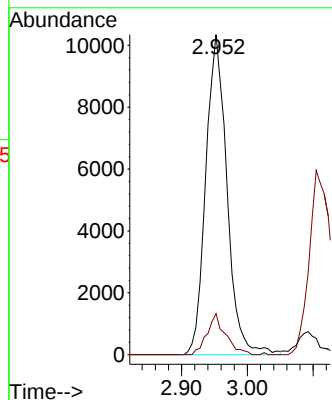
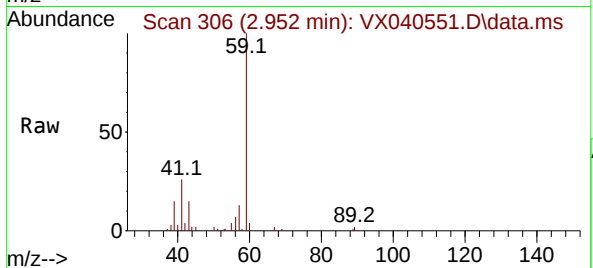
57 11.1 6.0 9.0

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Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#12

1,1-Dichloroethene

Concen: 12.868 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

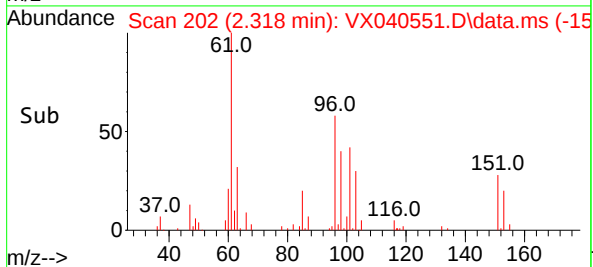
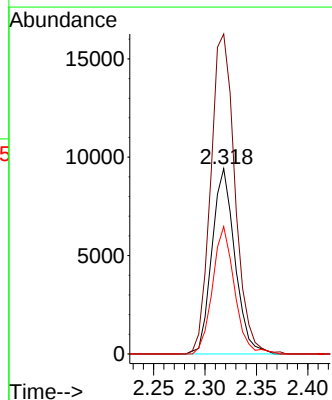
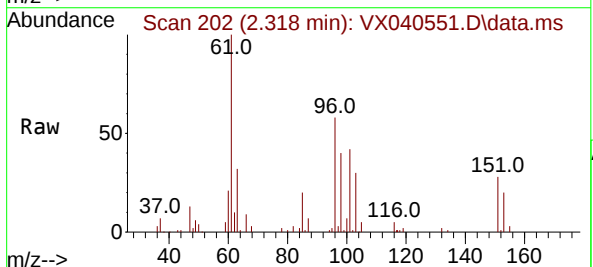
Tgt Ion: 96 Resp: 14603

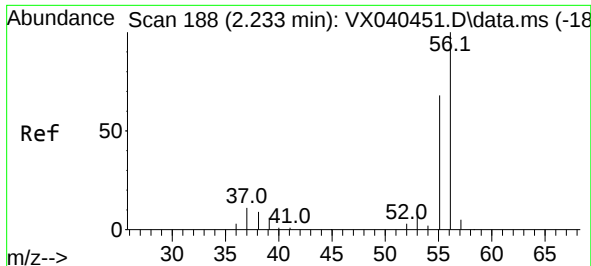
Ion Ratio Lower Upper

96 100

61 172.7 144.6 216.8

98 68.7 50.4 75.6





#13

Acrolein

Concen: 51.696 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 56 Resp: 928

Ion Ratio Lower Upper

56 100

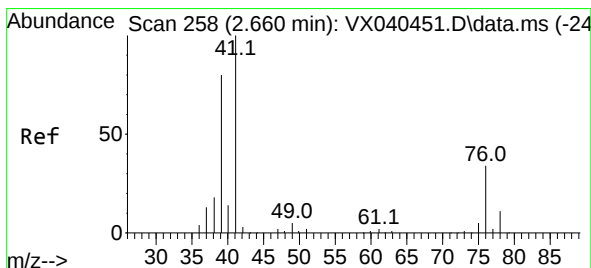
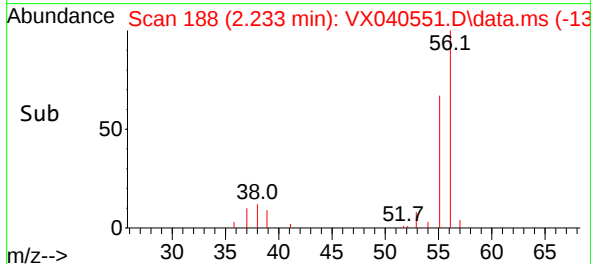
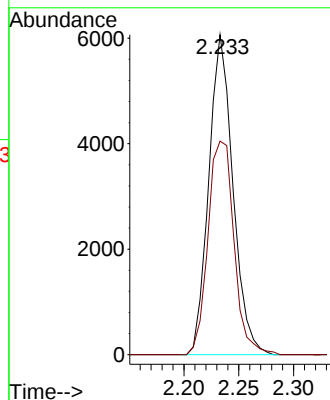
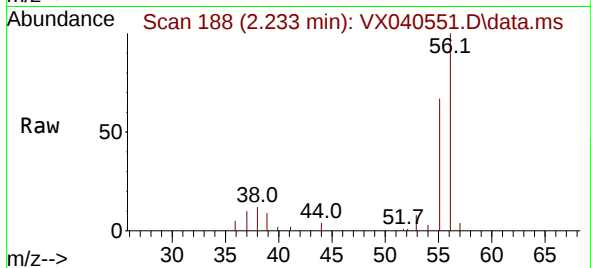
55 72.0 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#14

Allyl chloride

Concen: 13.955 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

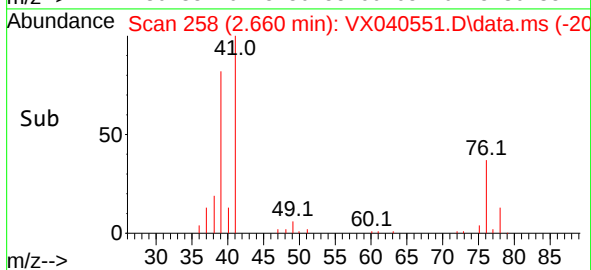
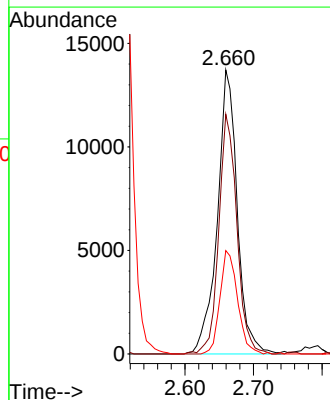
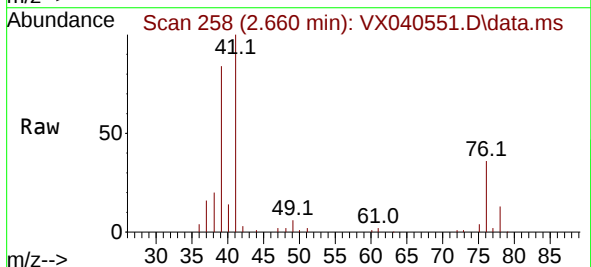
Tgt Ion: 41 Resp: 27705

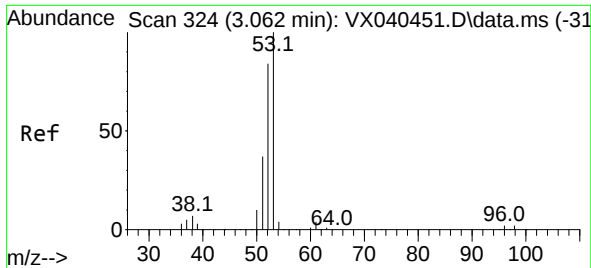
Ion Ratio Lower Upper

41 100

39 76.5 55.8 83.6

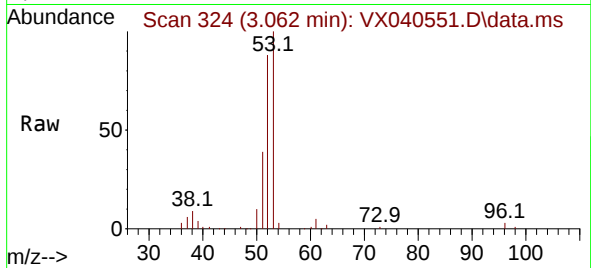
76 32.1 24.3 36.5





#15
Acrylonitrile
Concen: 77.372 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

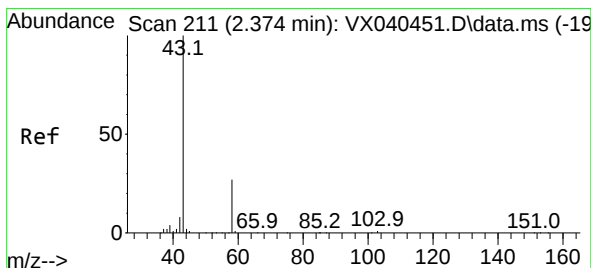
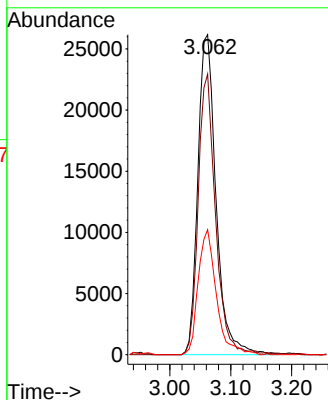
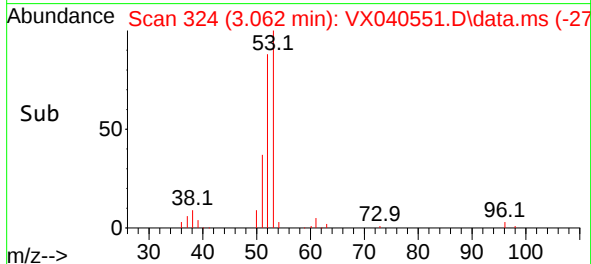
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 53 Resp: 5435
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 39.1 29.8 44.6

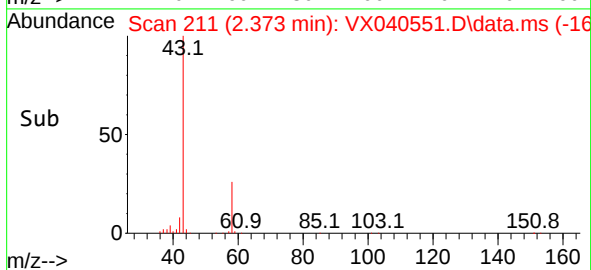
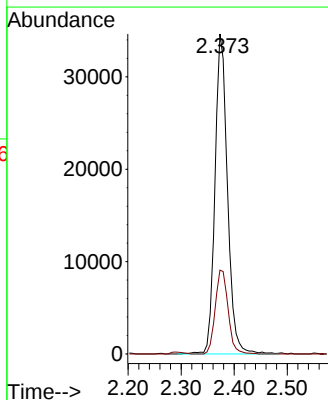
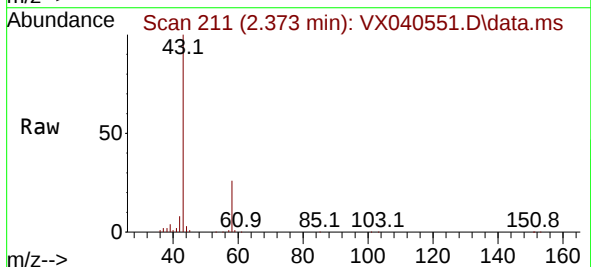
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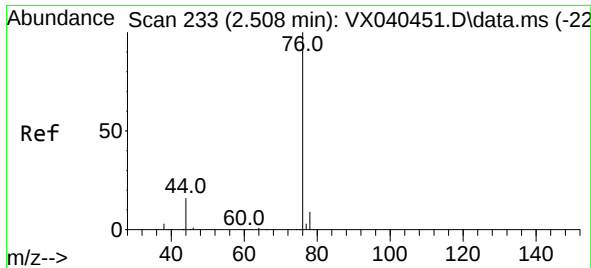
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#16
Acetone
Concen: 104.701 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 43 Resp: 56883
Ion Ratio Lower Upper
43 100
58 26.2 21.9 32.9





#17

Carbon Disulfide

Concen: 11.540 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 76 Resp: 3626

Ion Ratio Lower Upper

76 100

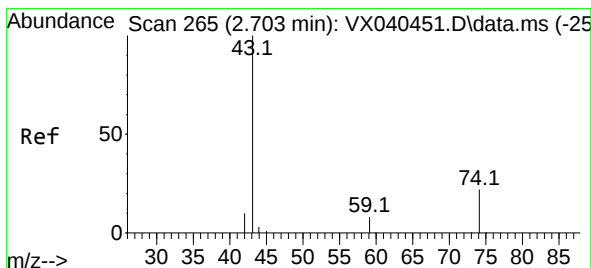
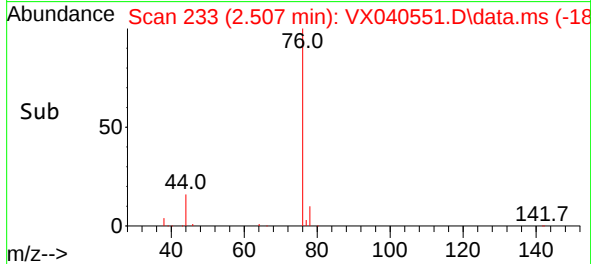
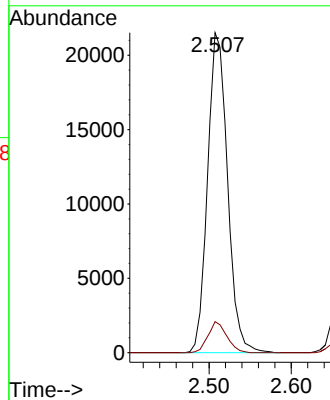
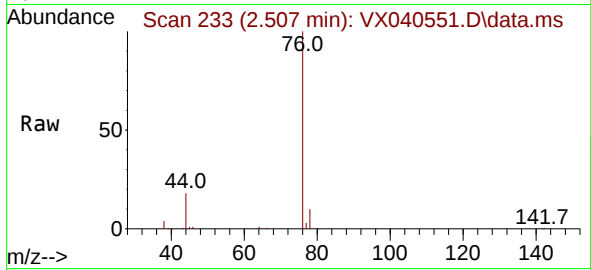
78 9.7 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#18

Methyl Acetate

Concen: 16.583 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.007 min

Lab File: VX040551.D

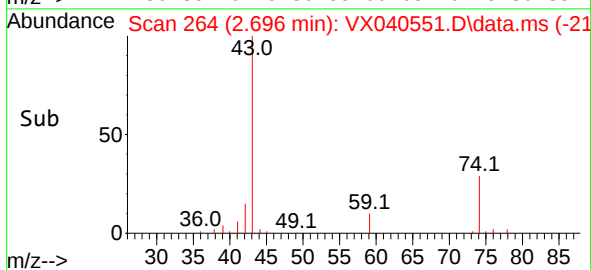
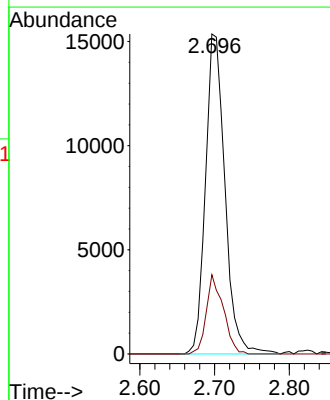
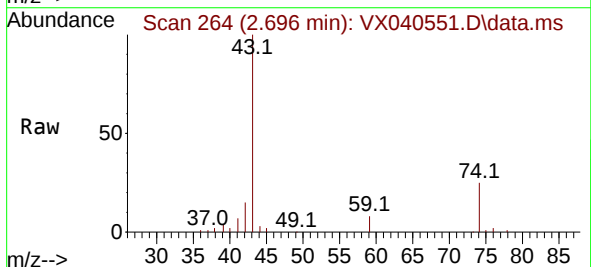
Acq: 01 Mar 2024 16:36

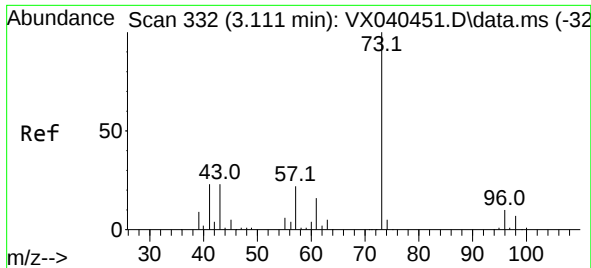
Tgt Ion: 43 Resp: 27775

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.8





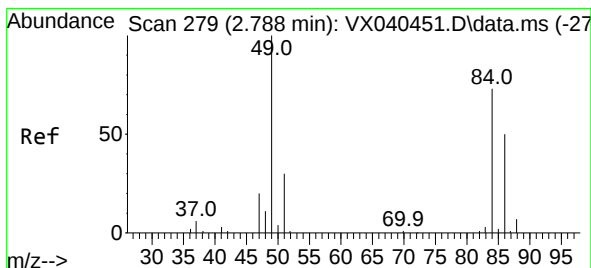
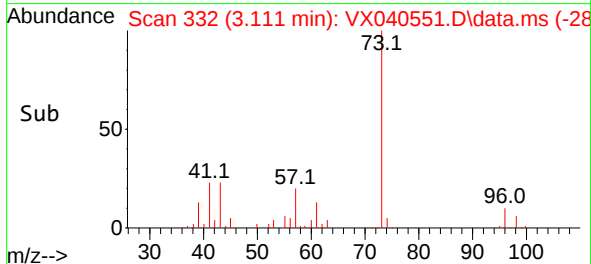
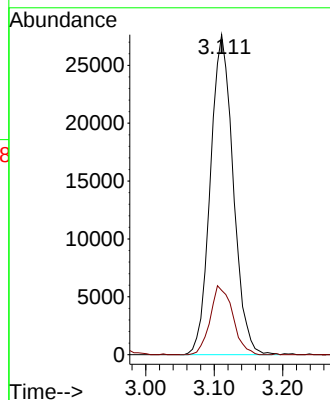
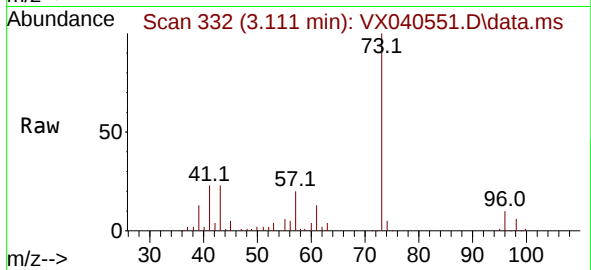
#19
Methyl tert-butyl Ether
Concen: 16.550 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 73 Resp: 6406
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

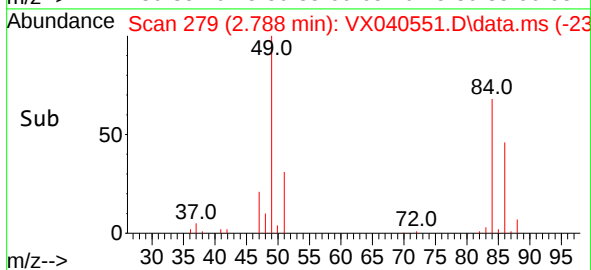
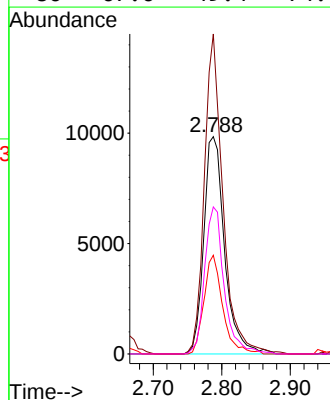
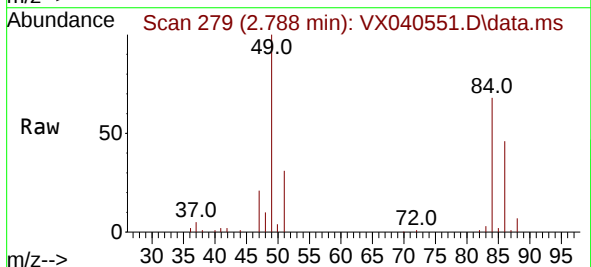
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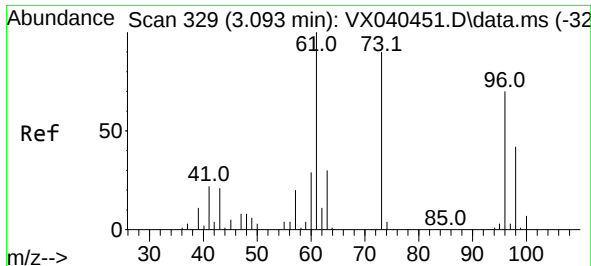
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#20
Methylene Chloride
Concen: 16.022 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 84 Resp: 20831
Ion Ratio Lower Upper
84 100
49 147.3 103.6 155.4
51 45.4 33.8 50.6
86 67.6 49.4 74.0





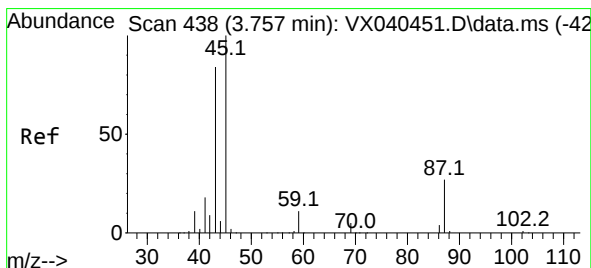
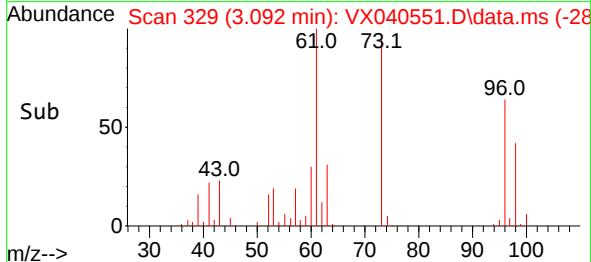
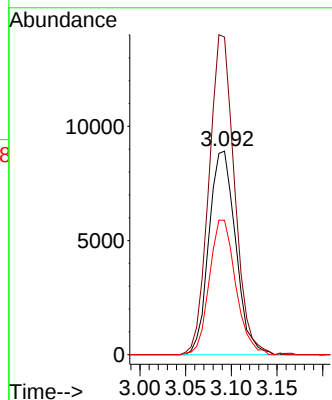
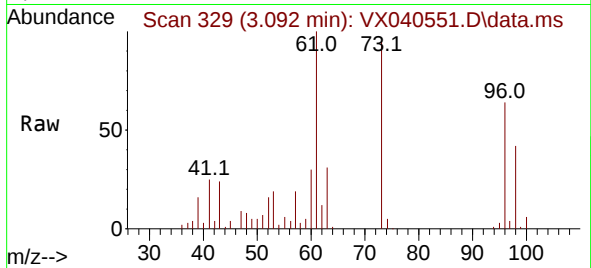
#21
trans-1,2-Dichloroethene
Concen: 15.003 ug/l
RT: 3.092 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 96 Resp: 1815
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 66.0 48.7 73.1

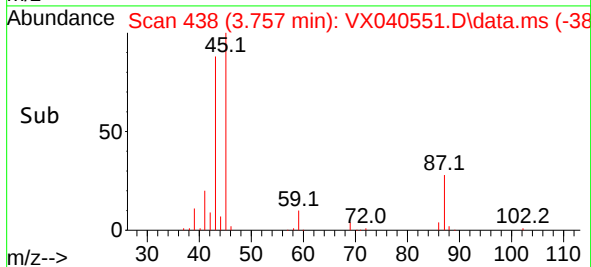
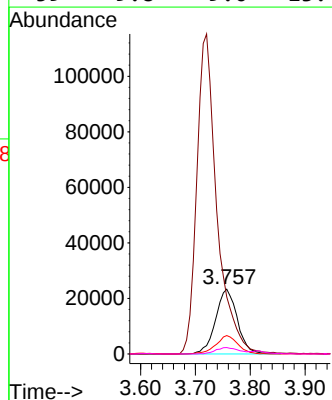
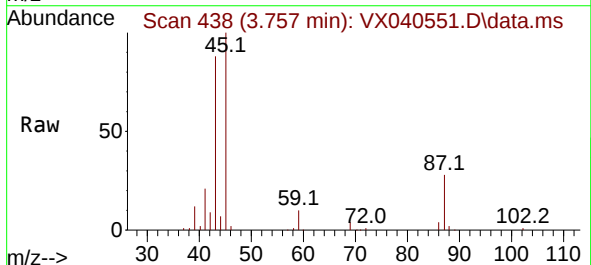
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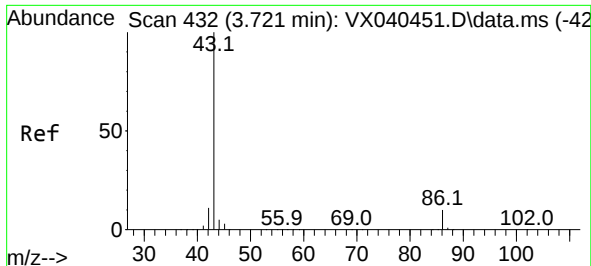
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#22
Diisopropyl ether
Concen: 16.058 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 45 Resp: 64067
Ion Ratio Lower Upper
45 100
43 87.4 69.7 104.5
87 28.4 20.8 31.2
59 9.8 9.0 13.4





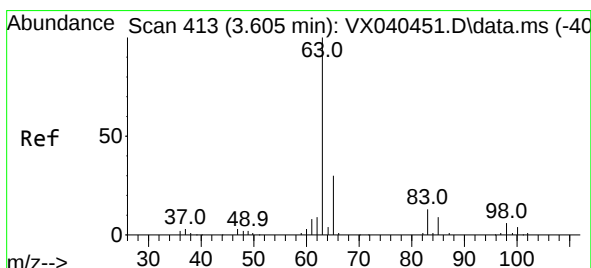
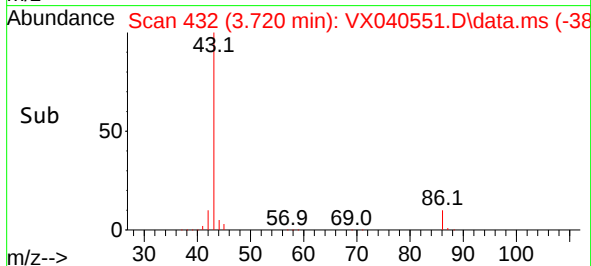
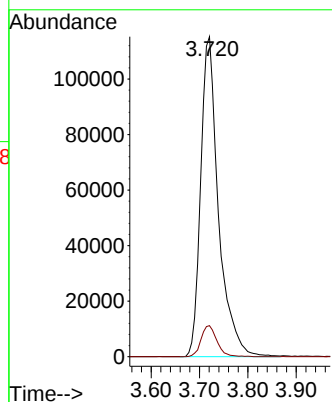
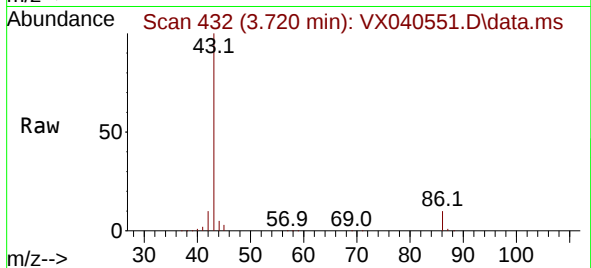
#23
 Vinyl Acetate
 Concen: 80.586 ug/l
 RT: 3.720 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tgt Ion: 43 Resp: 294514
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

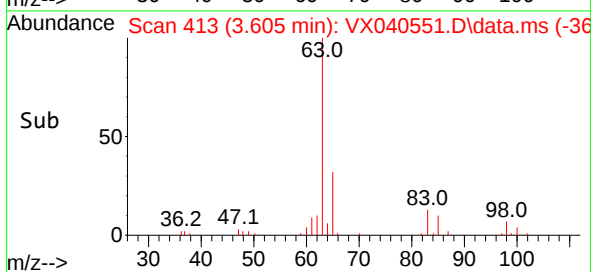
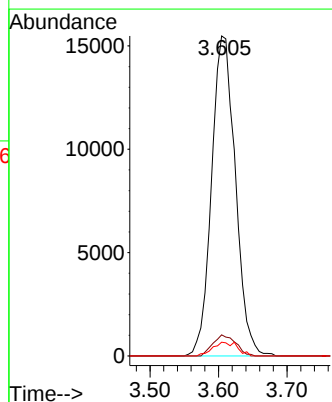
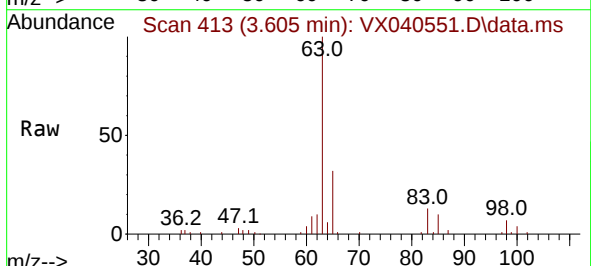
Manual Integrations
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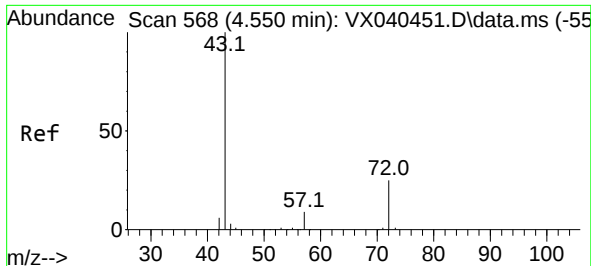
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#24
 1,1-Dichloroethane
 Concen: 16.050 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.001 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

Tgt Ion: 63 Resp: 37342
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 90.554 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 43 Resp: 85710

Ion Ratio Lower Upper

43 100

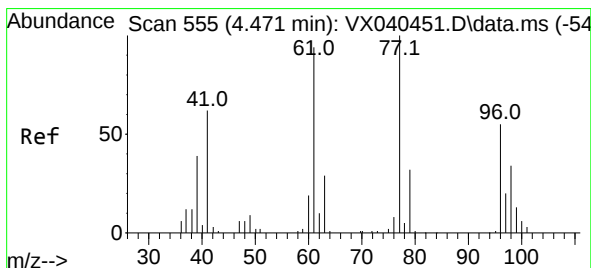
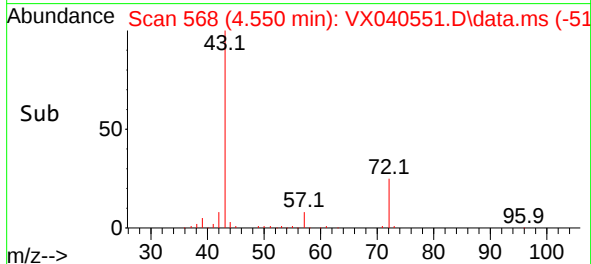
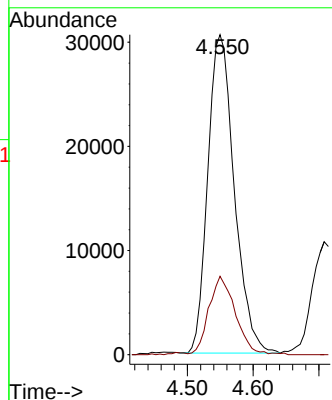
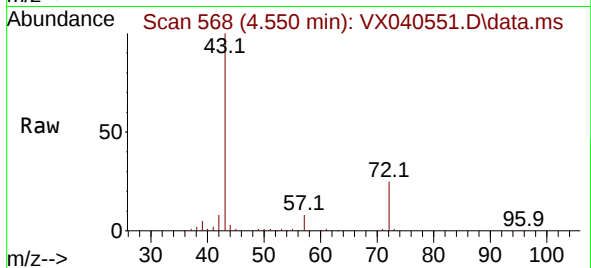
72 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#26

2,2-Dichloropropane

Concen: 17.280 ug/l

RT: 4.476 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX040551.D

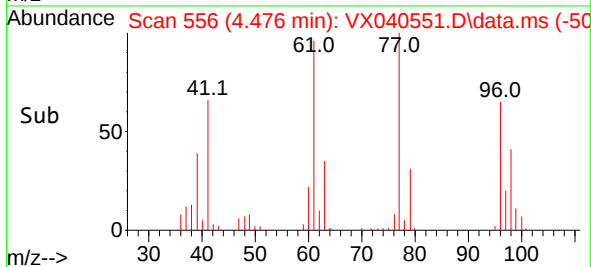
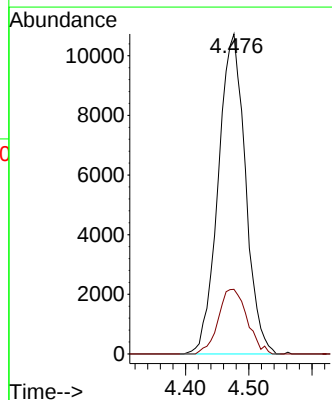
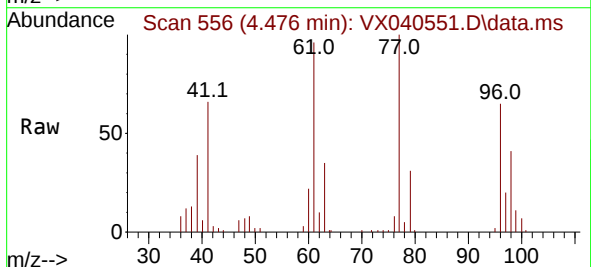
Acq: 01 Mar 2024 16:36

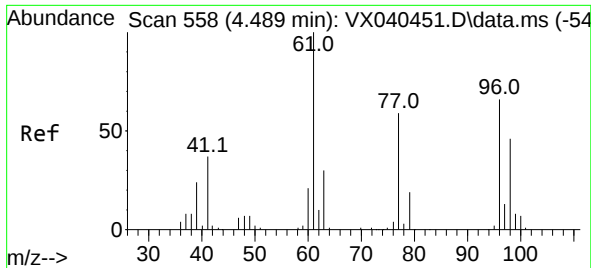
Tgt Ion: 77 Resp: 32009

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3





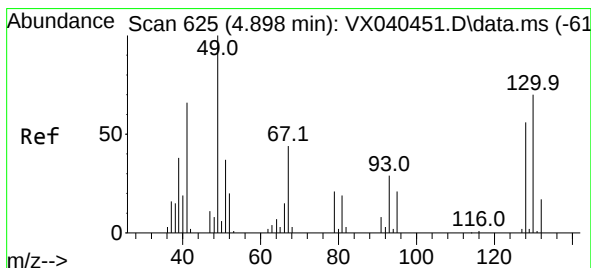
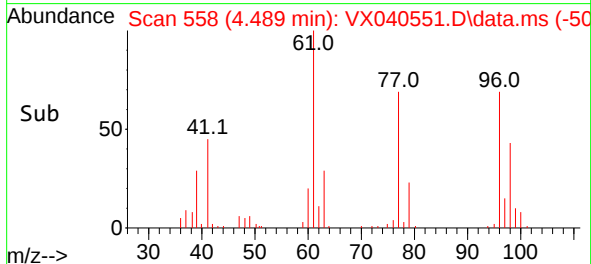
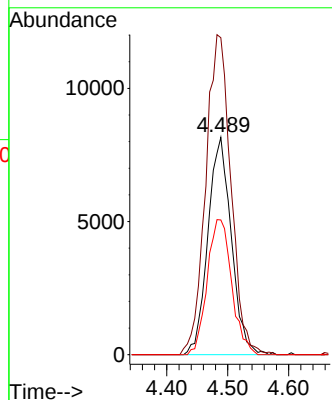
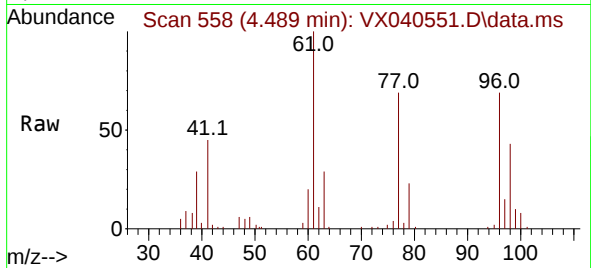
#27
 cis-1,2-Dichloroethene
 Concen: 15.401 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.001 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tgt Ion: 96 Resp: 21800
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 312.2
 98 64.9 0.0 129.0

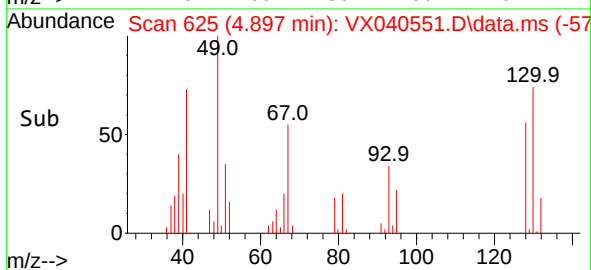
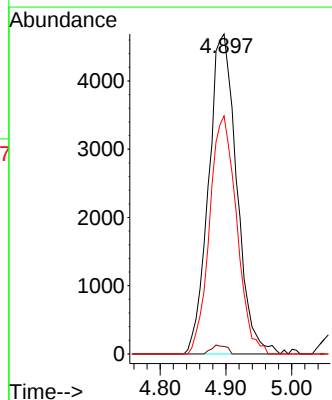
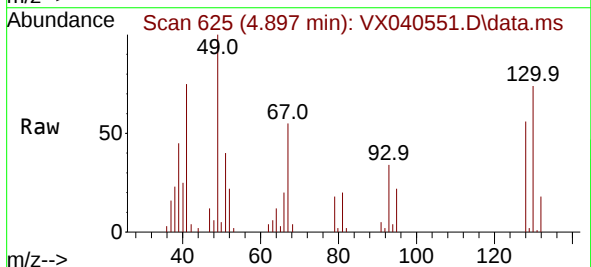
Manual Integrations
 APPROVED

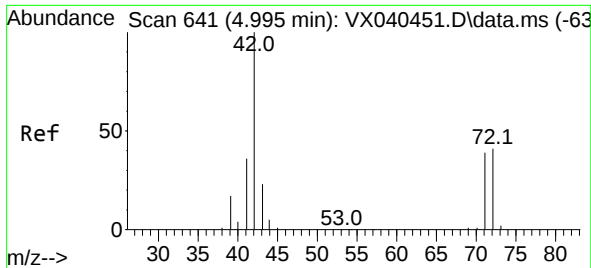
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#28
 Bromochloromethane
 Concen: 14.324 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

Tgt Ion: 49 Resp: 13940
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 71.4 57.5 86.3





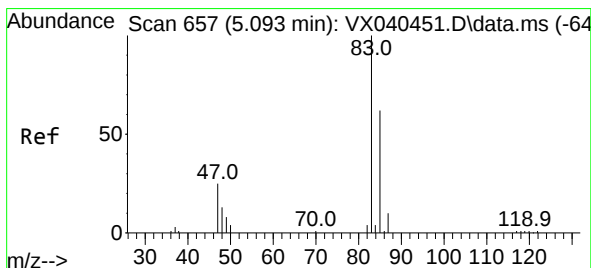
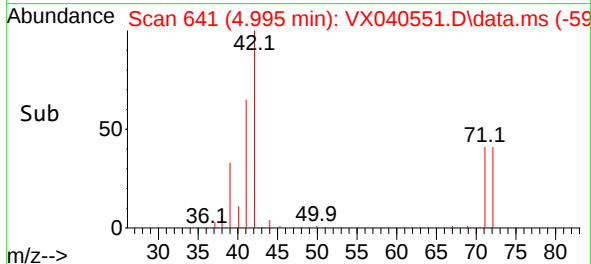
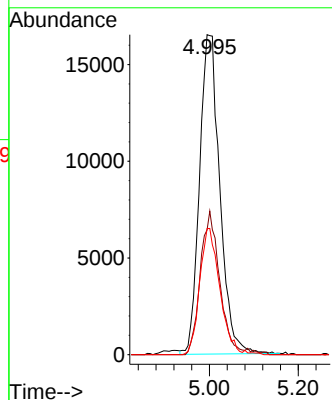
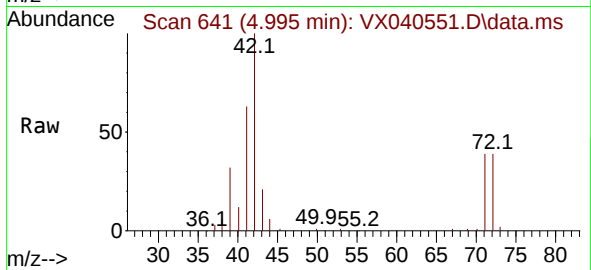
#29
Tetrahydrofuran
Concen: 79.705 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 42 Resp: 5263
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.4
71 38.9 32.2 48.2

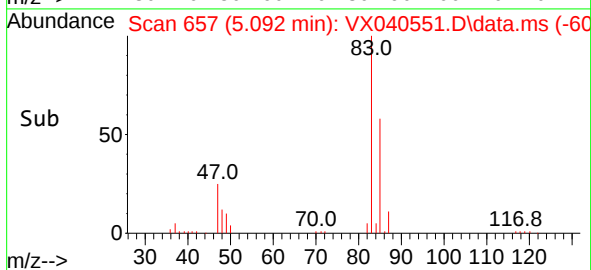
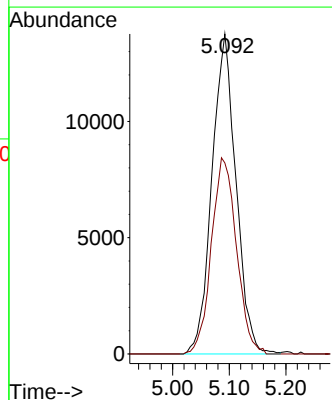
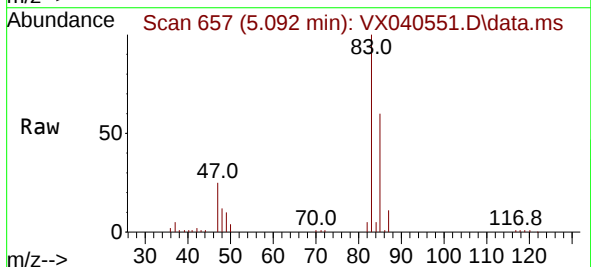
Manual Integrations
APPROVED

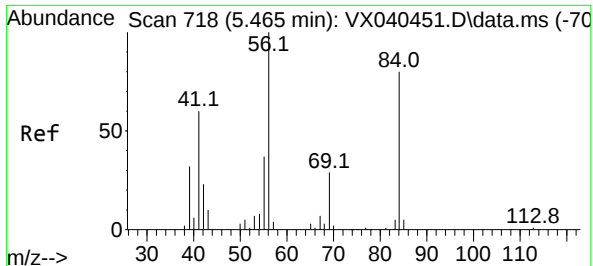
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#30
Chloroform
Concen: 16.399 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

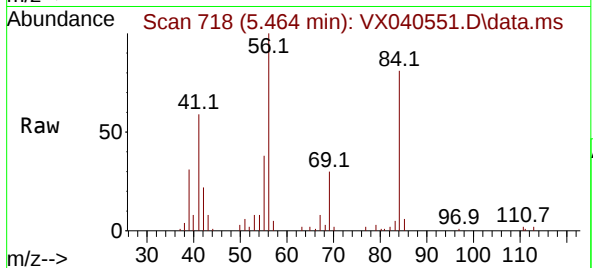
Tgt Ion: 83 Resp: 40498
Ion Ratio Lower Upper
83 100
85 59.7 50.3 75.5





#31
Cyclohexane
Concen: 15.158 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

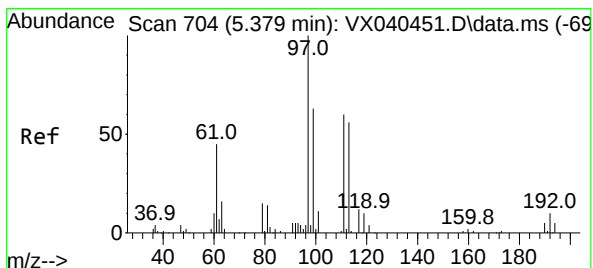
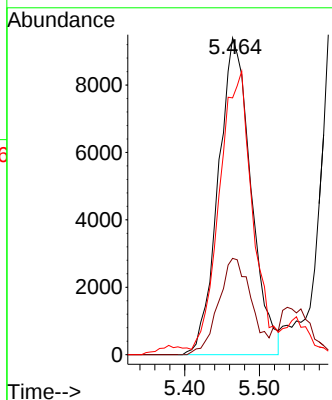
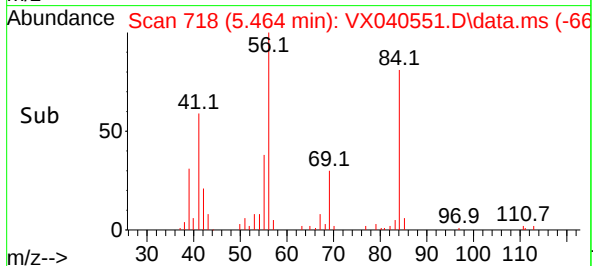
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 56 Resp: 28609
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 78.6 65.9 98.9

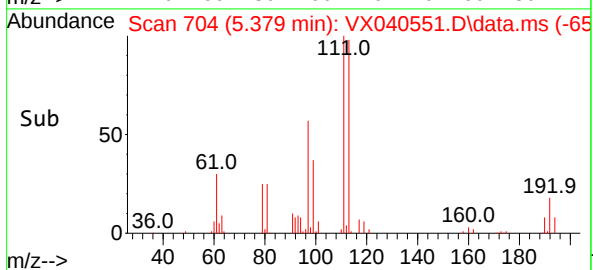
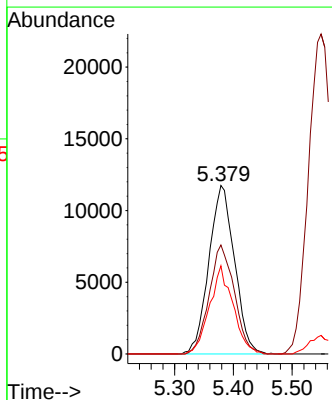
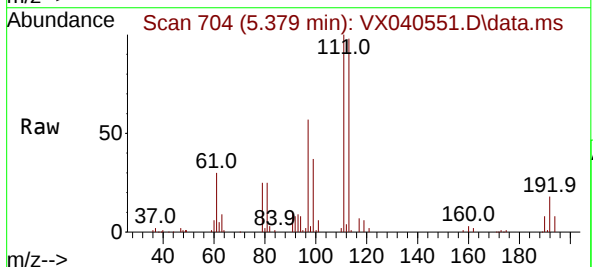
Manual Integrations
APPROVED

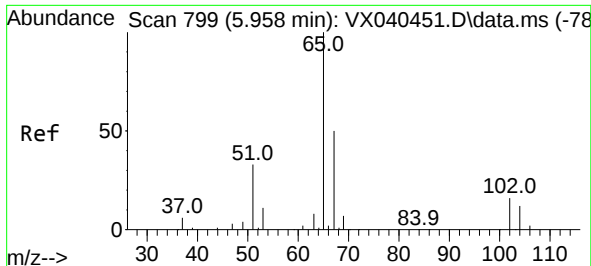
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#32
1,1,1-Trichloroethane
Concen: 16.900 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 97 Resp: 35621
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.532 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.007 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

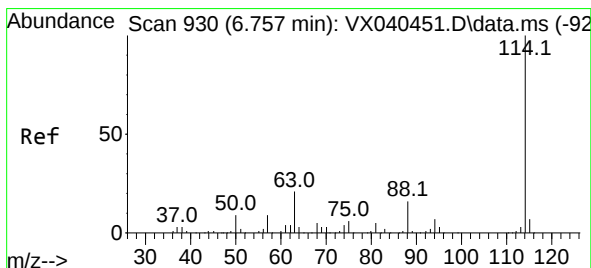
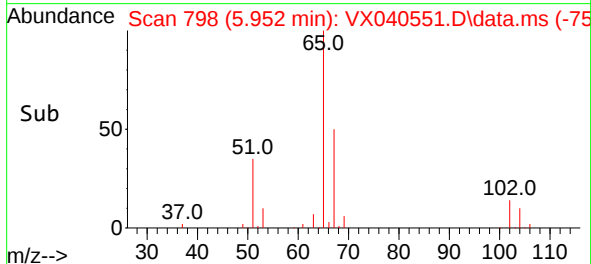
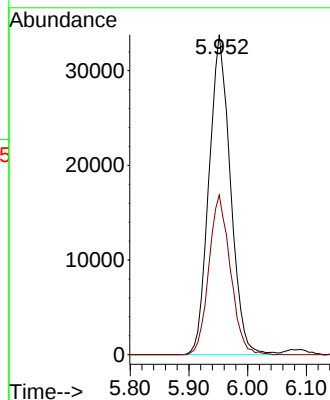
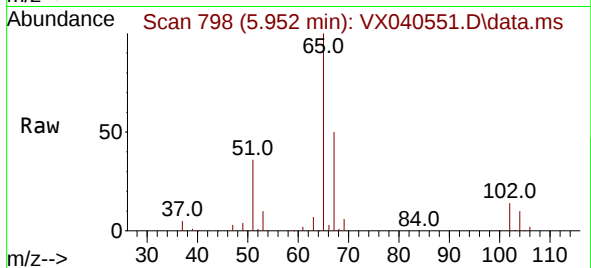
Tgt Ion: 65 Resp: 85849
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

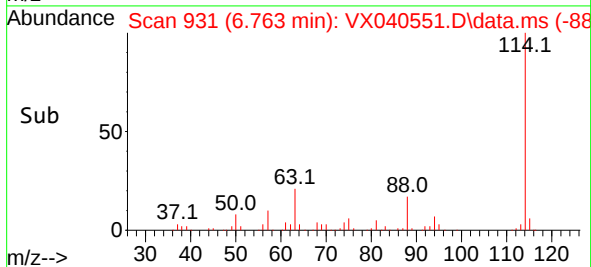
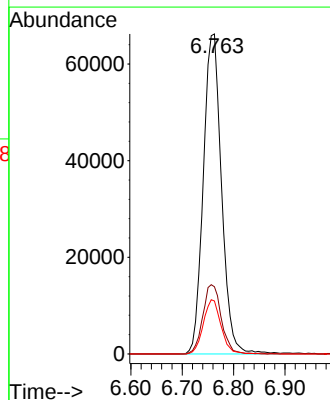
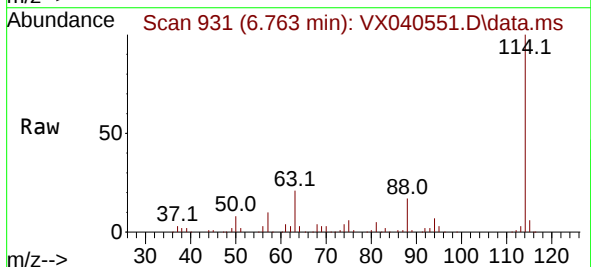
RT: 6.763 min Scan# 931

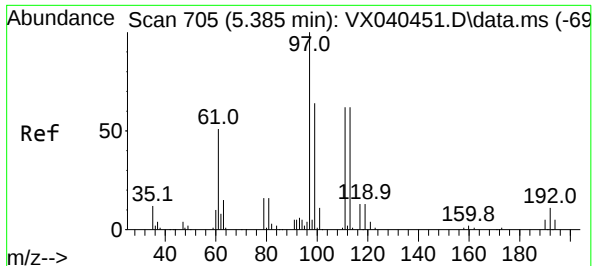
Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:114 Resp: 163069
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.515 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.007 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

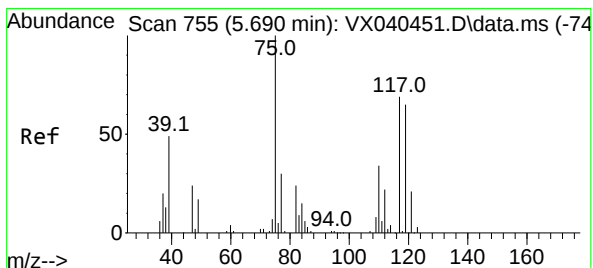
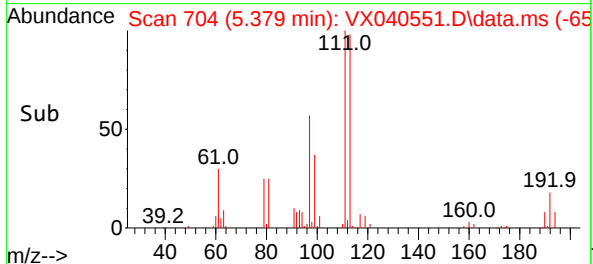
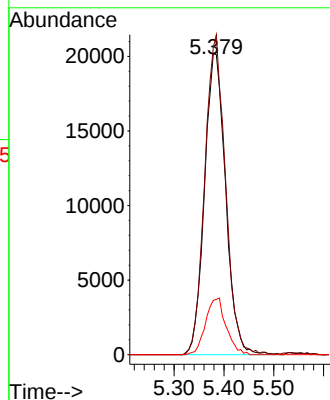
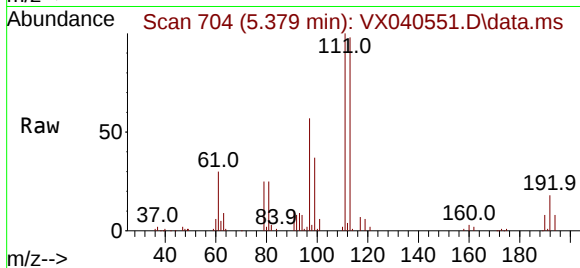
Tgt Ion:	113	Resp:	59550
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#36

1,1-Dichloropropene

Concen: 16.166 ug/l

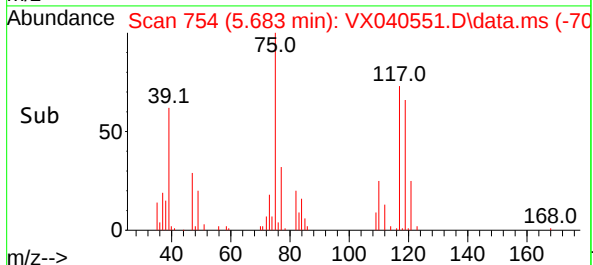
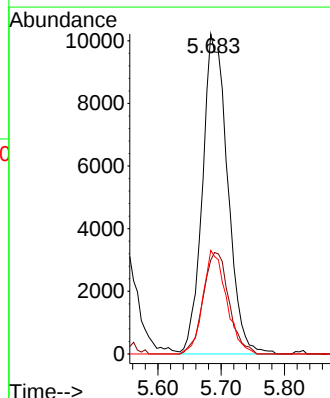
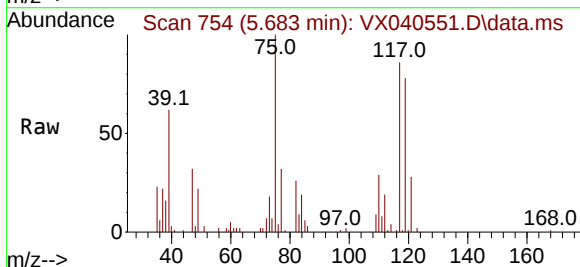
RT: 5.683 min Scan# 754

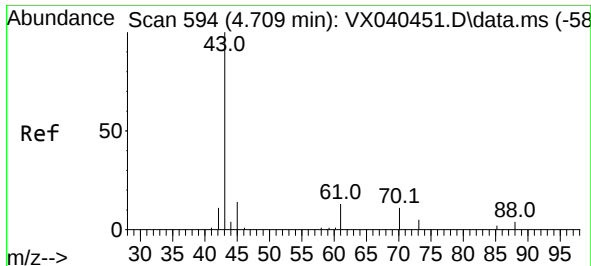
Delta R.T. -0.007 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

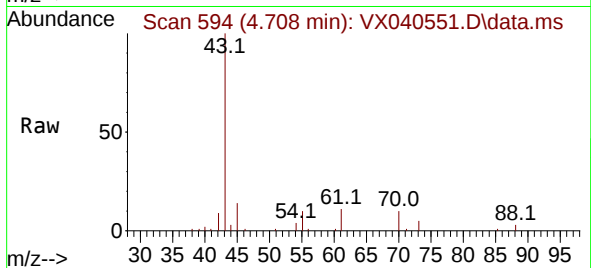
Tgt Ion:	75	Resp:	28243
Ion	Ratio	Lower	Upper
75	100		
110	32.5	17.0	50.9
77	30.3	24.7	37.1





#37
Ethyl Acetate
Concen: 16.323 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

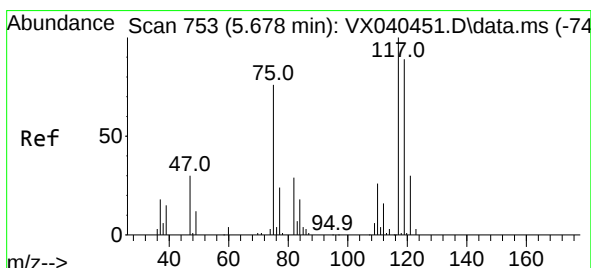
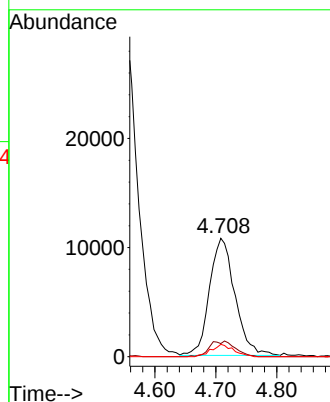
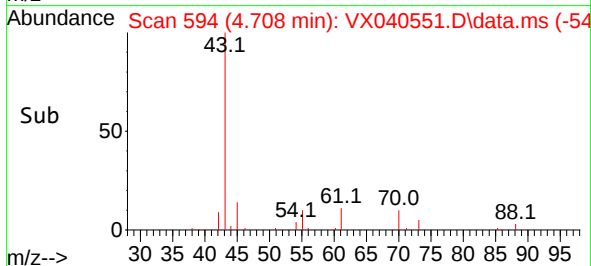
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 43 Resp: 3121
Ion Ratio Lower Upper
43 100
61 6.7 10.6 16.0
70 9.1 8.3 12.5

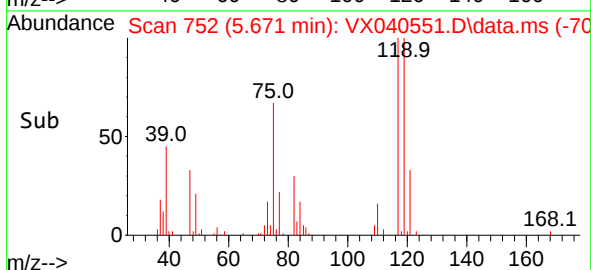
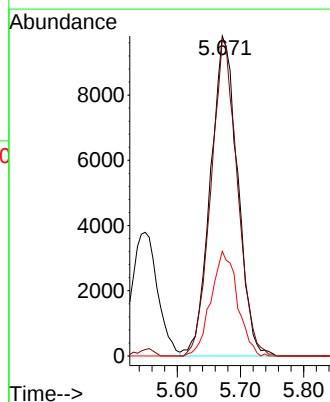
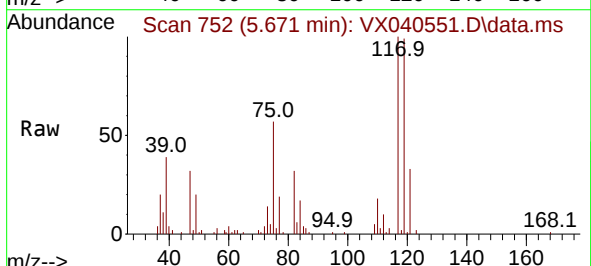
Manual Integrations
APPROVED

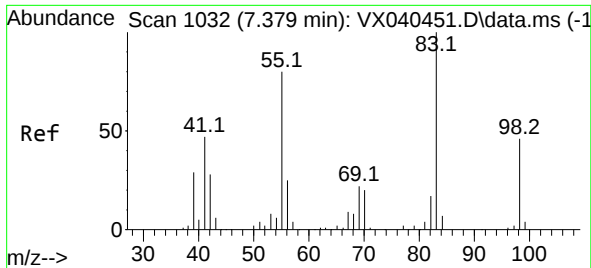
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#38
Carbon Tetrachloride
Concen: 17.304 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.007 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:117 Resp: 29206
Ion Ratio Lower Upper
117 100
119 98.8 78.2 117.2
121 32.7 24.4 36.6





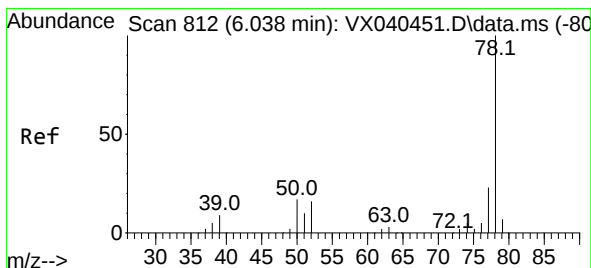
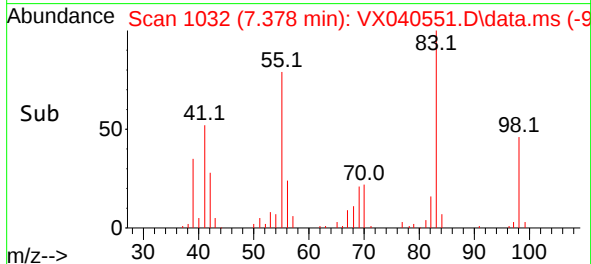
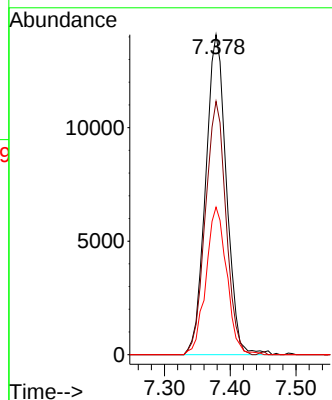
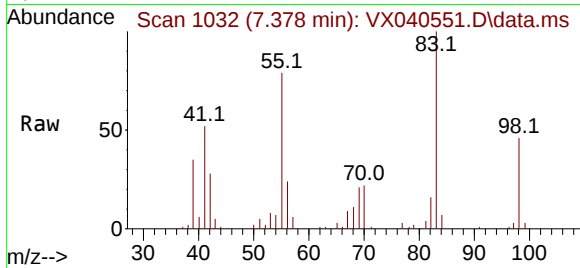
#39
Methylcyclohexane
Concen: 16.460 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 83 Resp: 3104
Ion Ratio Lower Upper
83 100
55 79.2 64.6 97.0
98 46.1 36.7 55.1

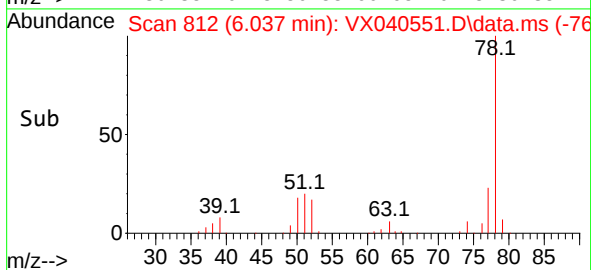
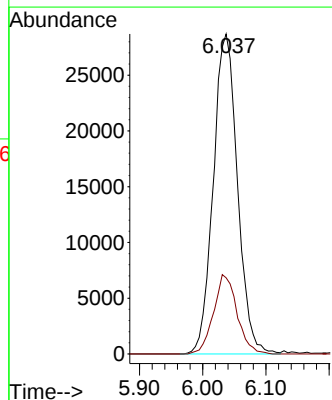
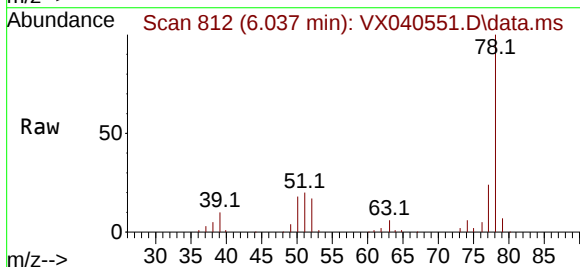
Manual Integrations
APPROVED

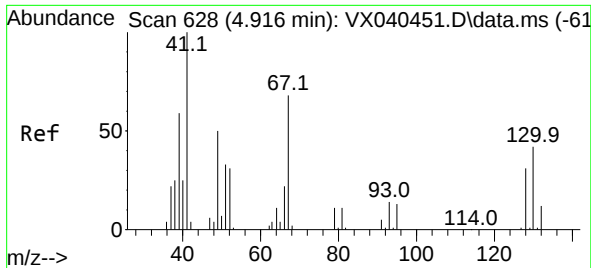
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#40
Benzene
Concen: 16.107 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

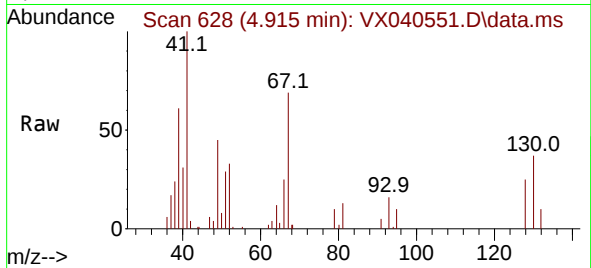
Tgt Ion: 78 Resp: 76187
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 15.496 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

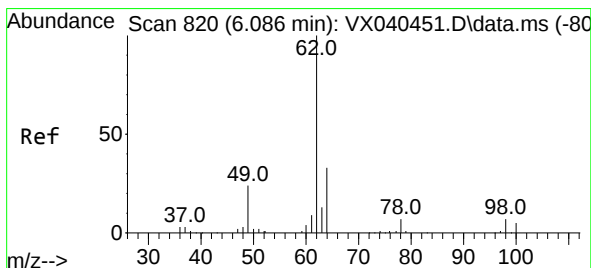
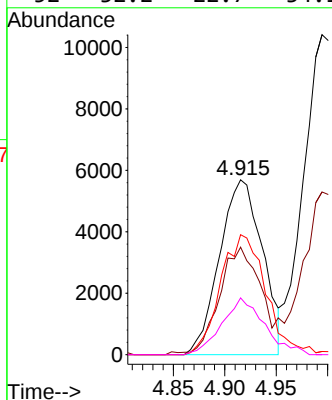
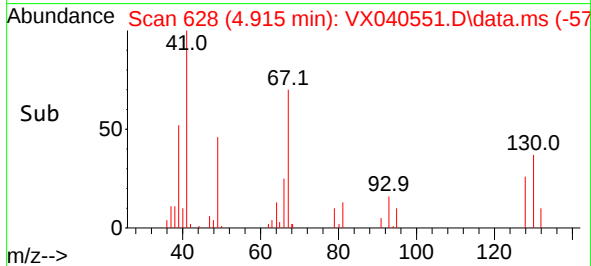
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 41 Resp: 16550
Ion Ratio Lower Upper
41 100
39 63.0 45.2 67.8
67 72.9 52.6 78.8
52 32.2 22.7 34.1

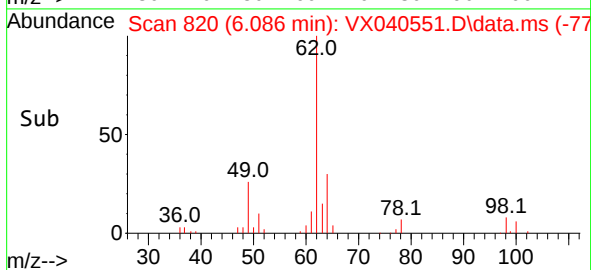
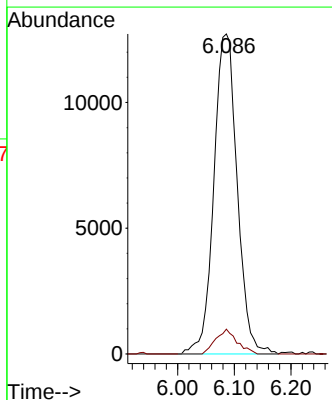
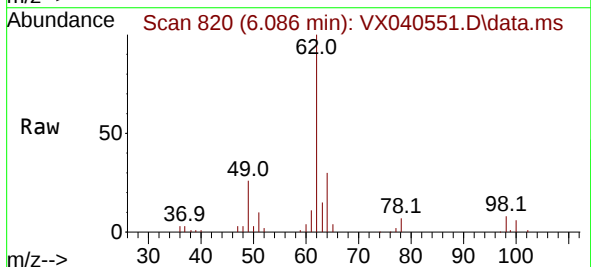
Manual Integrations
APPROVED

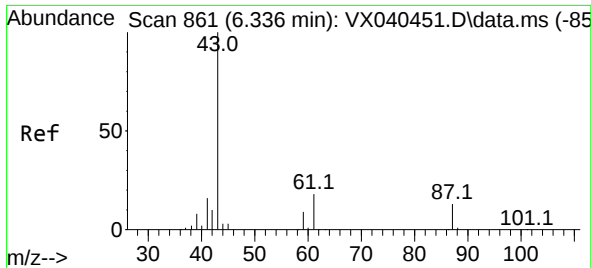
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#42
1,2-Dichloroethane
Concen: 18.610 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 62 Resp: 36434
Ion Ratio Lower Upper
62 100
98 7.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 16.946 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

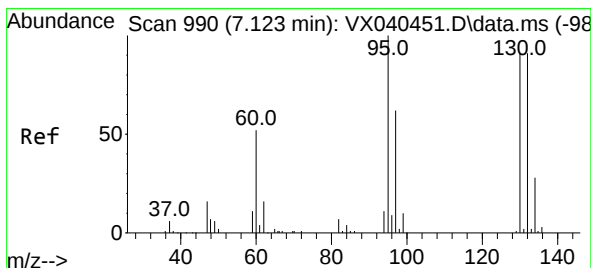
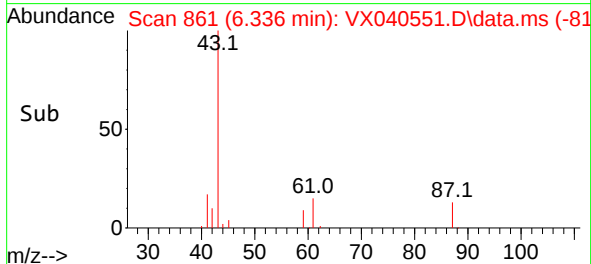
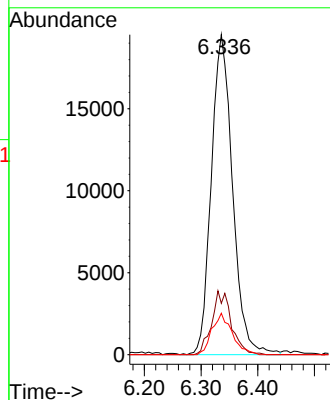
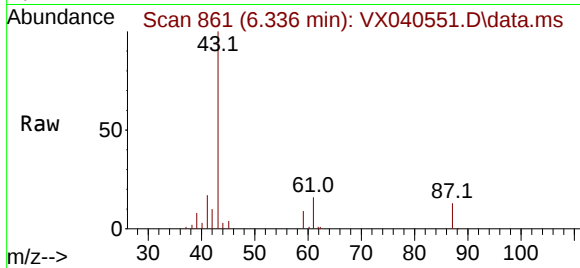
Tgt Ion: 43	Resp: 5084
Ion Ratio	Lower Upper
43 100	
61 18.4	15.2 22.8
87 12.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#44

Trichloroethene

Concen: 15.986 ug/l

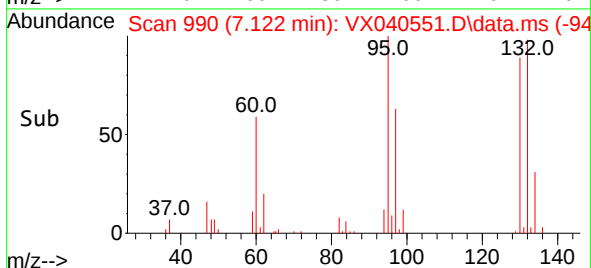
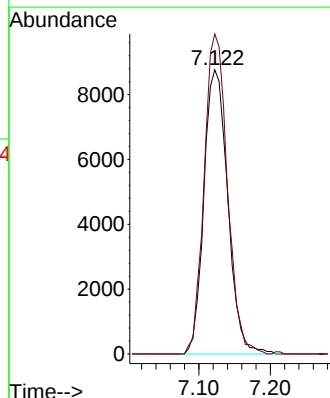
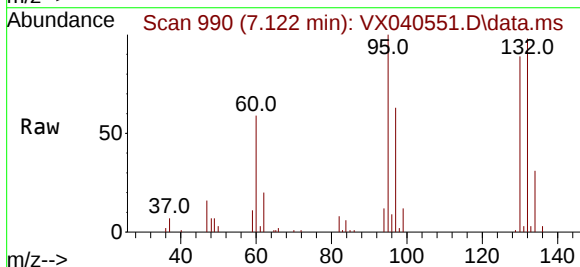
RT: 7.122 min Scan# 990

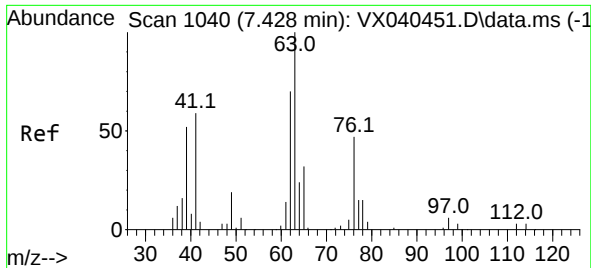
Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:130	Resp: 20336
Ion Ratio	Lower Upper
130 100	
95 112.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 16.553 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 63 Resp: 2095

Ion Ratio Lower Upper

63 100

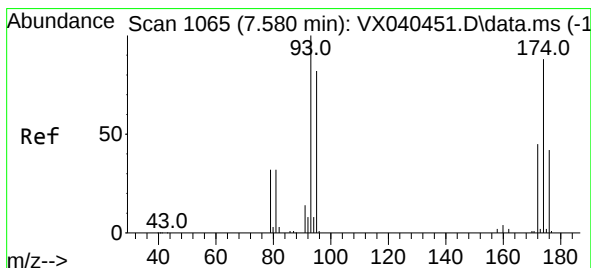
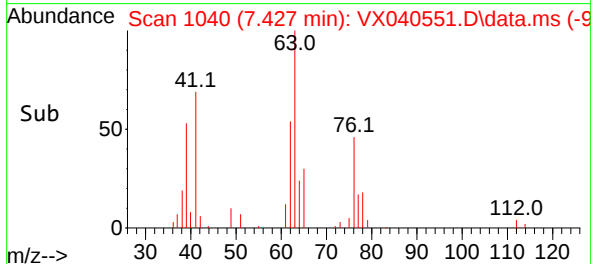
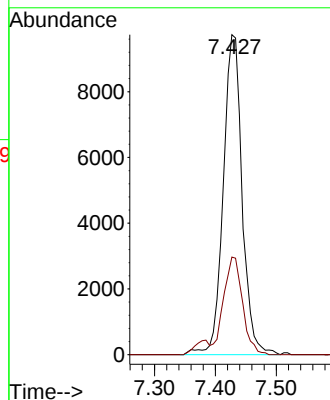
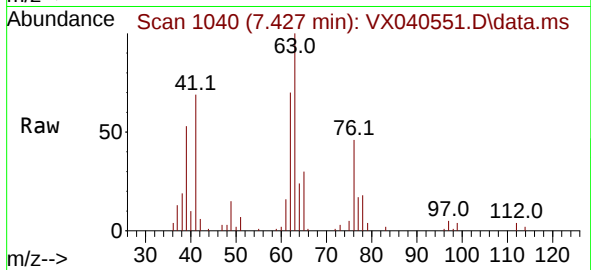
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#46

Dibromomethane

Concen: 16.872 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

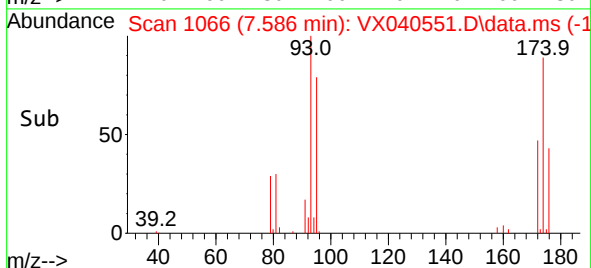
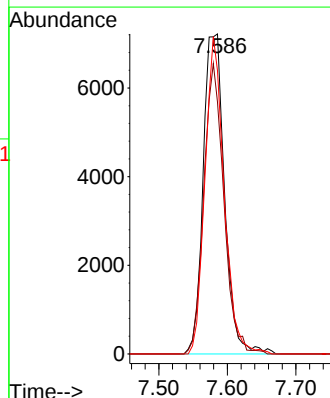
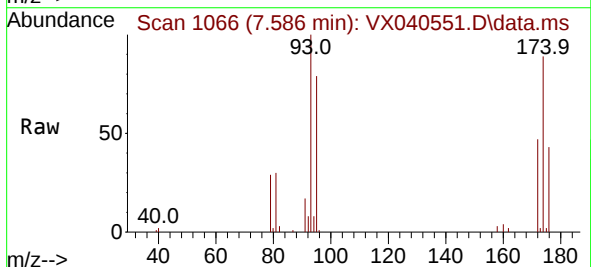
Tgt Ion: 93 Resp: 15703

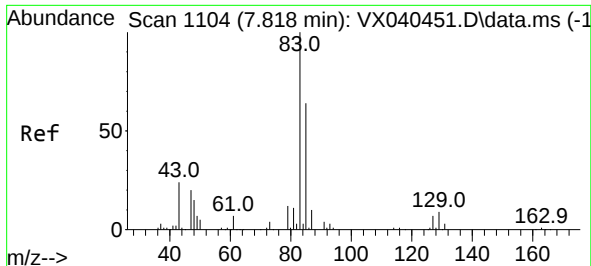
Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

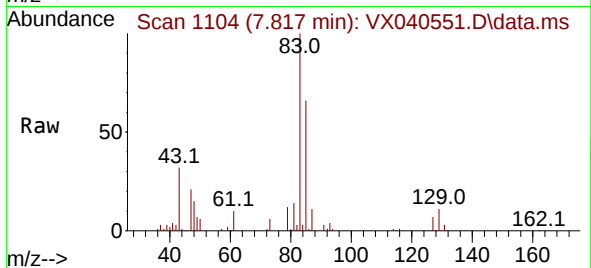
174 89.1 69.4 104.0





#47
Bromodichloromethane
Concen: 17.222 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

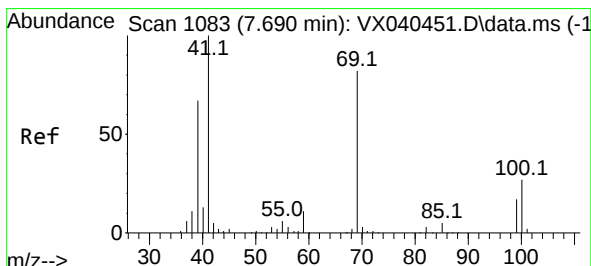
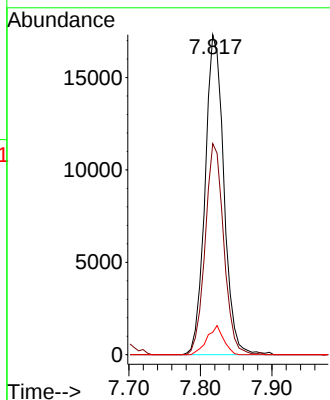
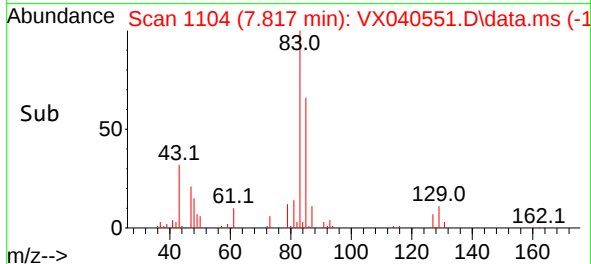
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



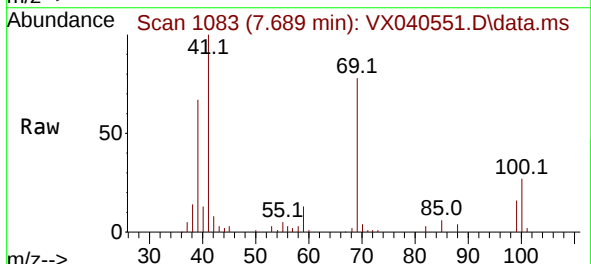
Tgt Ion: 83 Resp: 3155
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 7.0 7.1 10.7

Manual Integrations
APPROVED

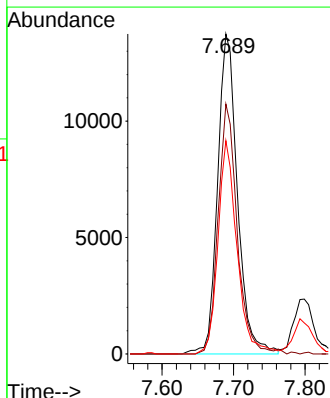
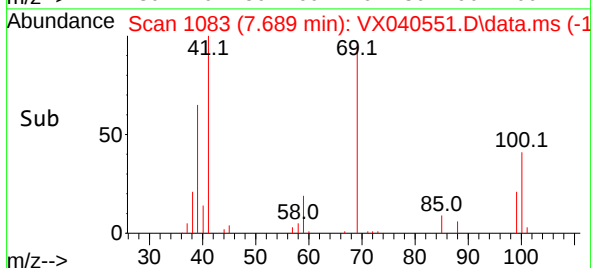
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

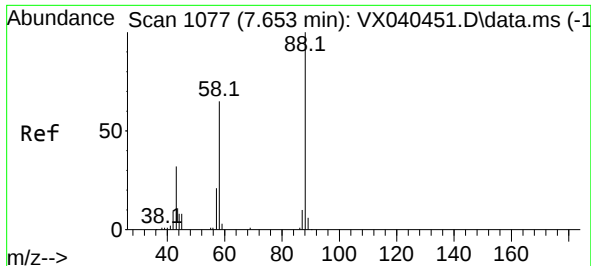


#48
Methyl methacrylate
Concen: 17.670 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36



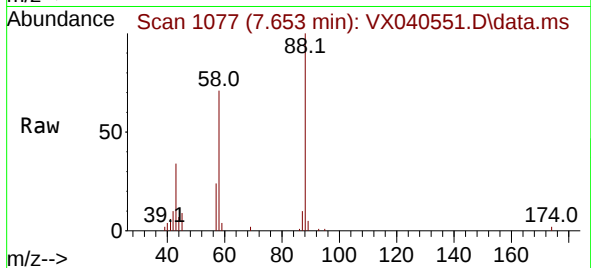
Tgt Ion: 41 Resp: 26497
Ion Ratio Lower Upper
41 100
69 75.1 59.2 88.8
39 63.9 47.7 71.5





#49
1,4-Dioxane
Concen: 327.387 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

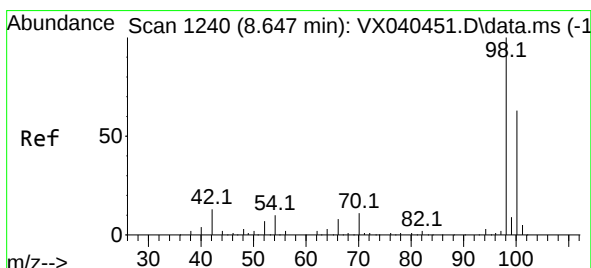
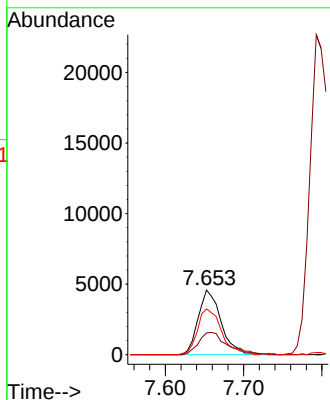
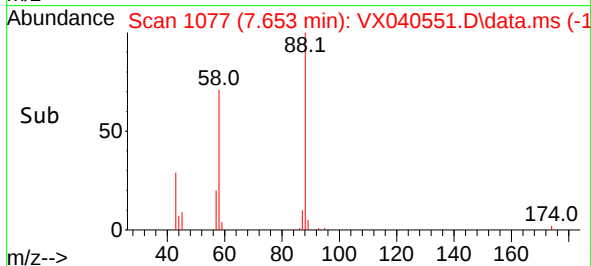
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 88 Resp: 928
Ion Ratio Lower Upper
88 100
43 43.0 0.0 0.0
58 73.7 60.1 90.1

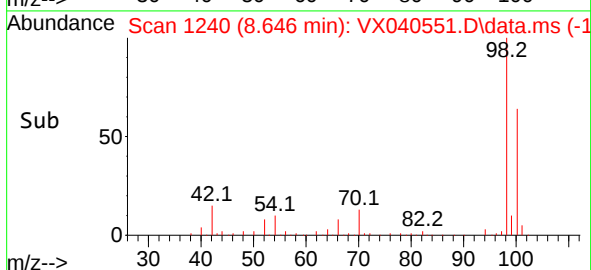
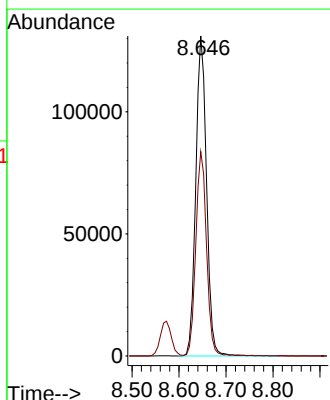
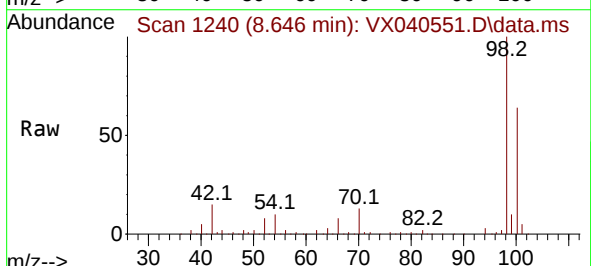
Manual Integrations
APPROVED

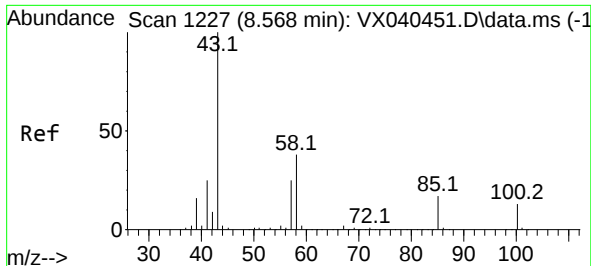
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#50
Toluene-d8
Concen: 50.952 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 98 Resp: 209726
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7





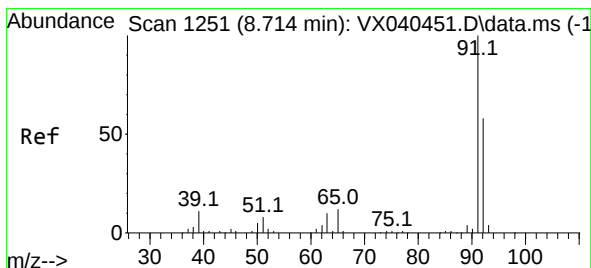
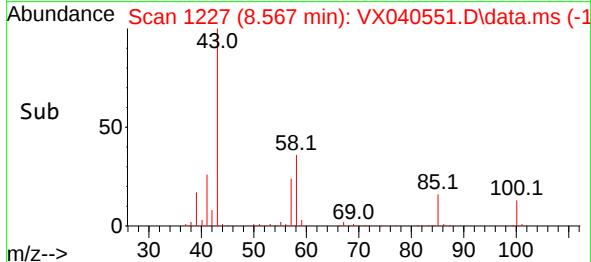
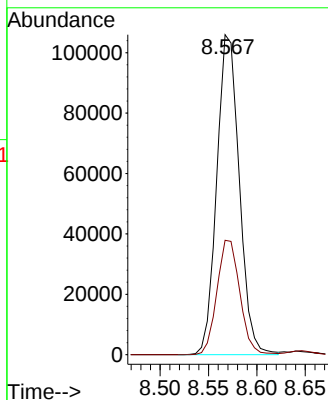
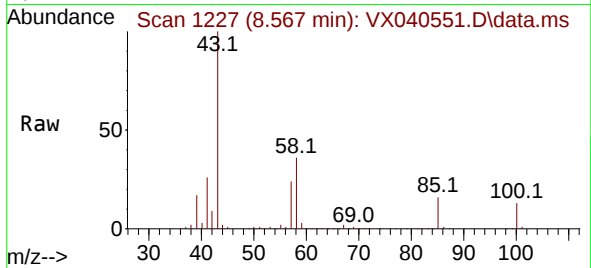
#51
4-Methyl-2-Pentanone
Concen: 86.451 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 43 Resp: 17148
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

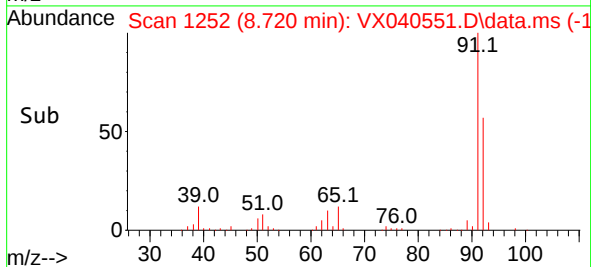
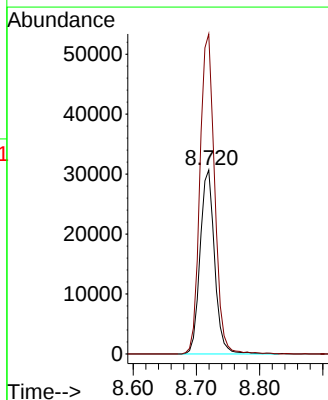
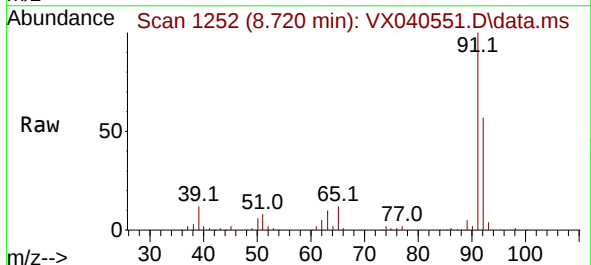
Manual Integrations
APPROVED

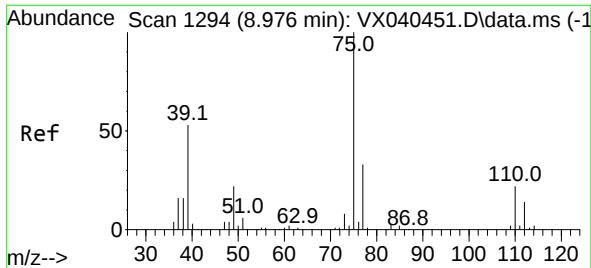
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#52
Toluene
Concen: 16.881 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 92 Resp: 49005
Ion Ratio Lower Upper
92 100
91 176.5 134.2 201.2





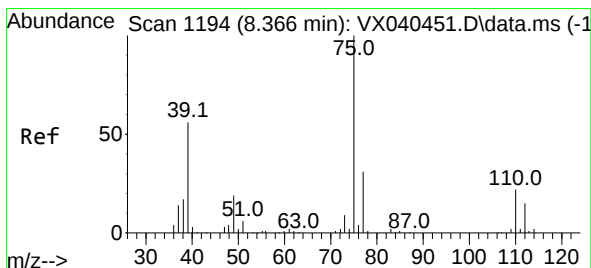
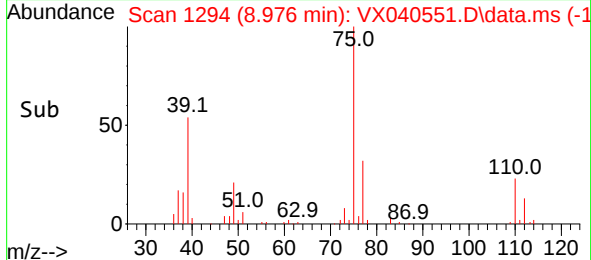
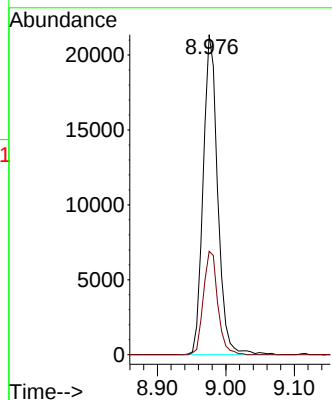
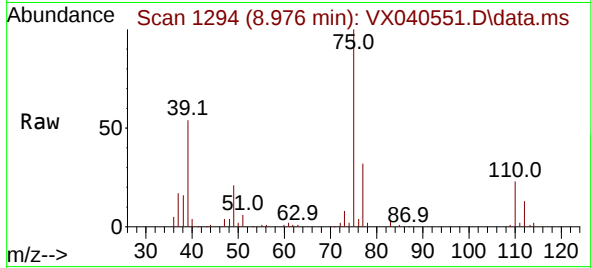
#53
 t-1,3-Dichloropropene
 Concen: 16.968 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Tgt Ion: 75 Resp: 3155
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.7 38.5

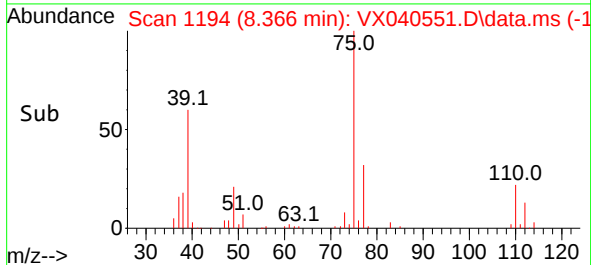
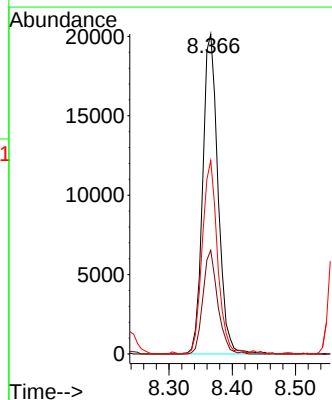
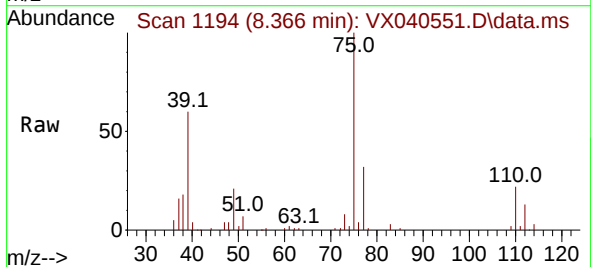
Manual Integrations
 APPROVED

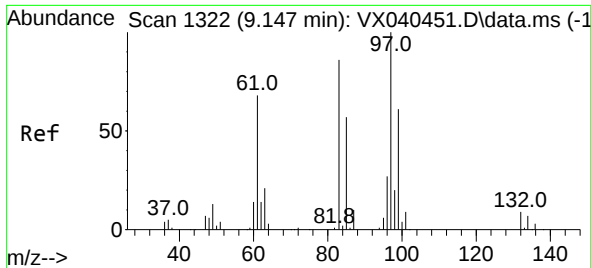
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024



#54
 cis-1,3-Dichloropropene
 Concen: 16.994 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

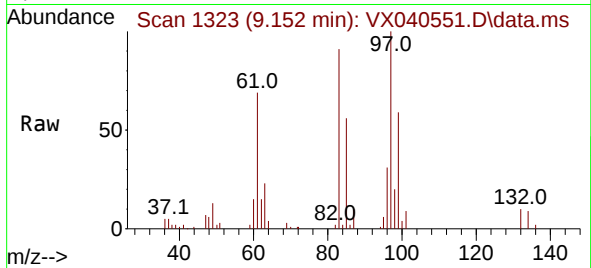
Tgt Ion: 75 Resp: 33970
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9
 39 60.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 17.300 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

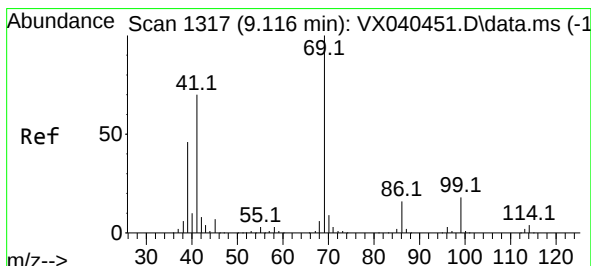
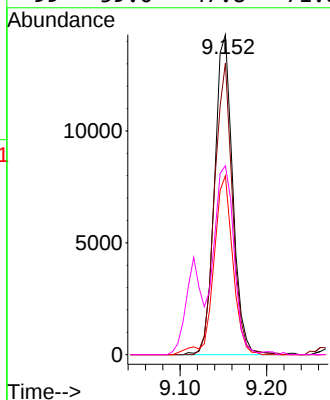
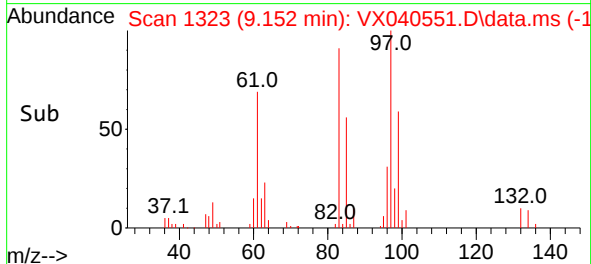
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



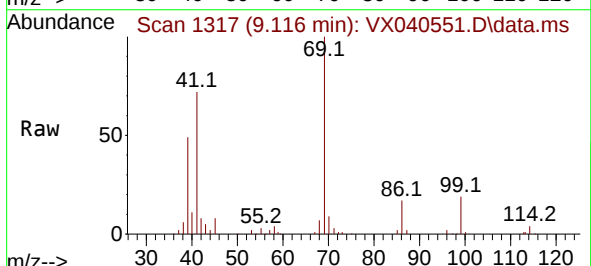
Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.1	65.8	98.8
85	55.9	41.6	62.4
99	59.0	47.8	71.8

Manual Integrations
APPROVED

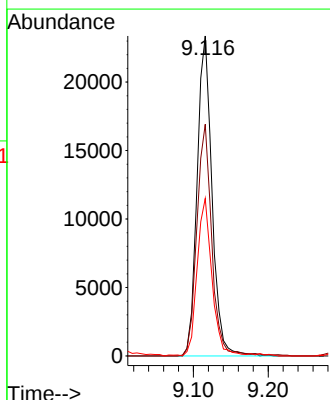
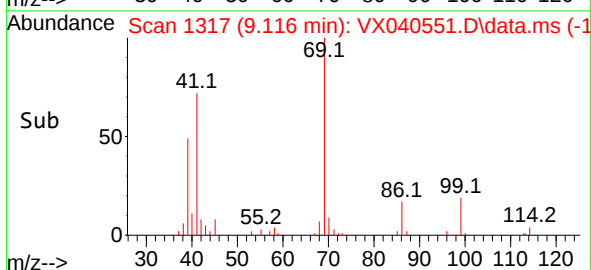
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024

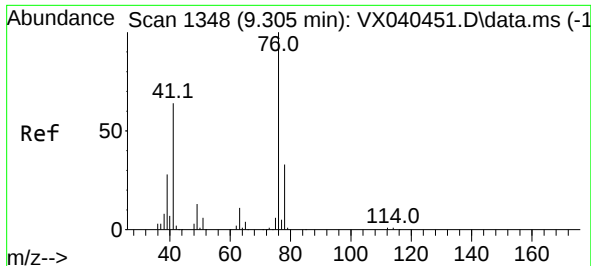


#56
Ethyl methacrylate
Concen: 17.320 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	56.8	85.2
39	49.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 16.965 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 76 Resp: 3559

Ion Ratio Lower Upper

76 100

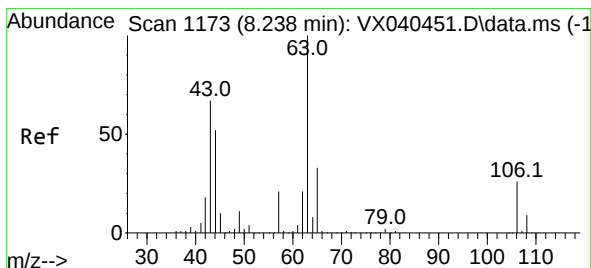
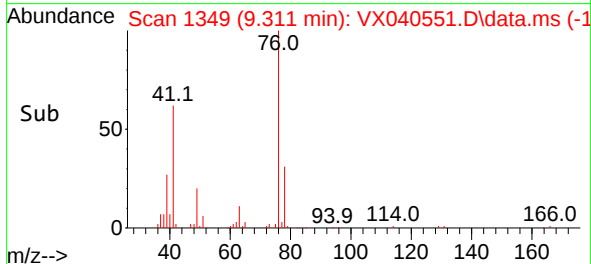
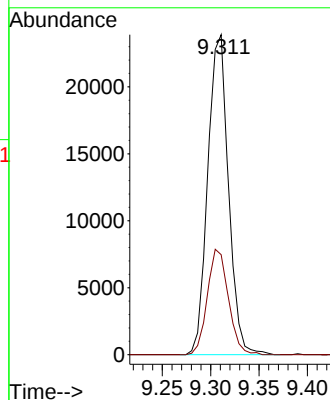
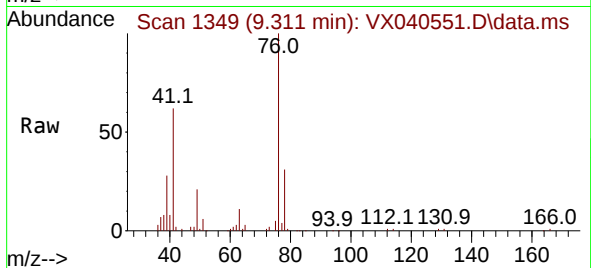
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 87.982 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.001 min

Lab File: VX040551.D

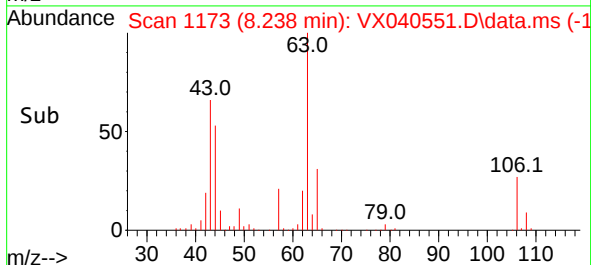
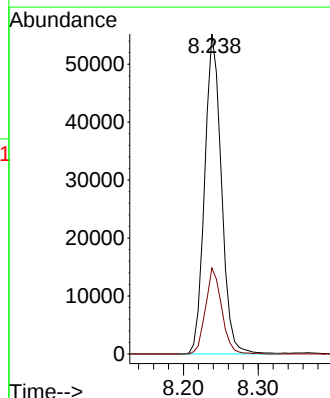
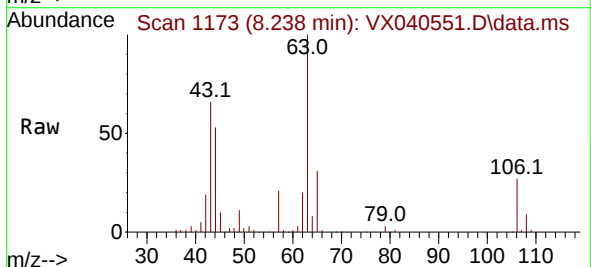
Acq: 01 Mar 2024 16:36

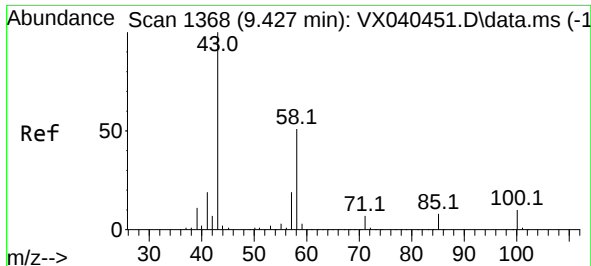
Tgt Ion: 63 Resp: 85926

Ion Ratio Lower Upper

63 100

106 25.9 22.5 33.7





#59

2-Hexanone

Concen: 90.736 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 43 Resp: 138380

Ion Ratio Lower Upper

43 100

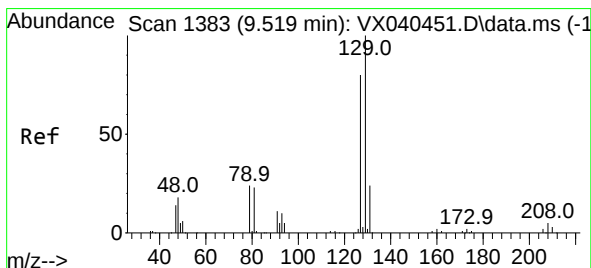
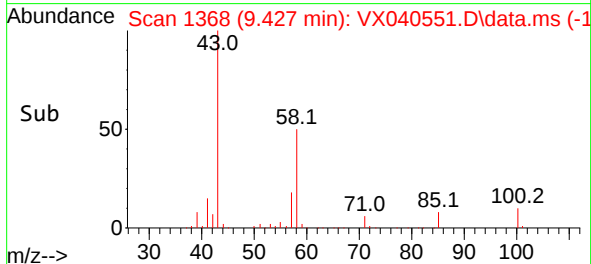
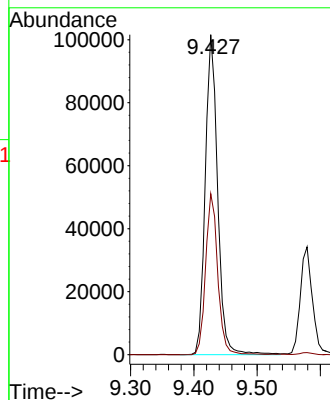
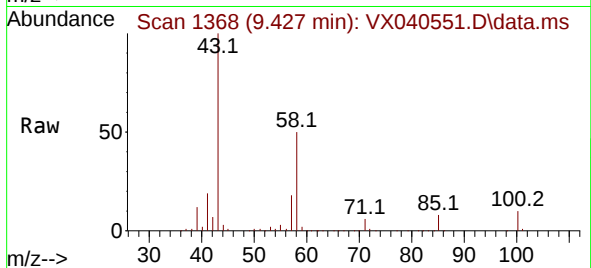
58 49.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#60

Dibromochloromethane

Concen: 17.533 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040551.D

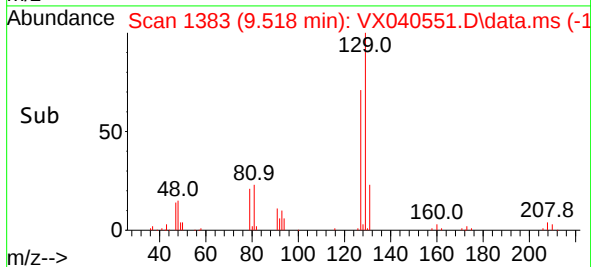
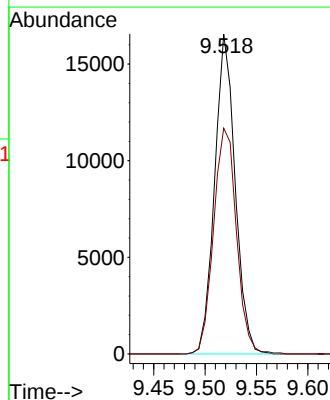
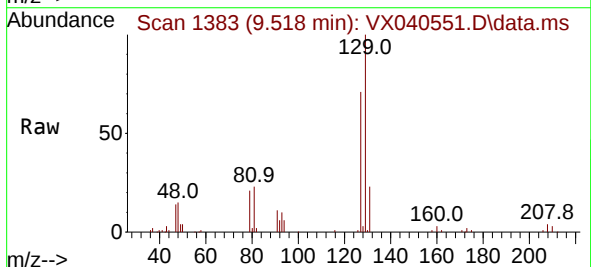
Acq: 01 Mar 2024 16:36

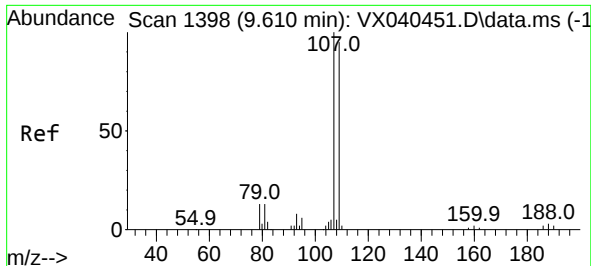
Tgt Ion:129 Resp: 22942

Ion Ratio Lower Upper

129 100

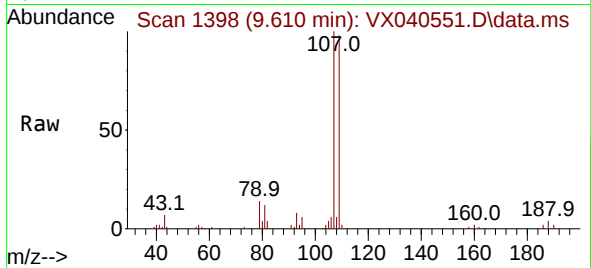
127 78.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 16.949 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

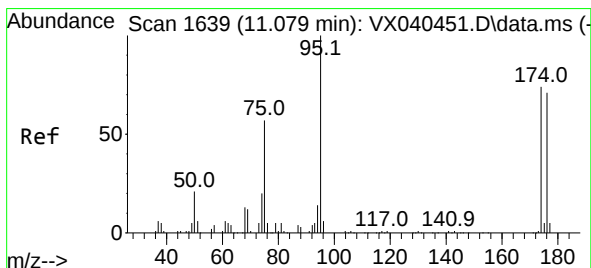
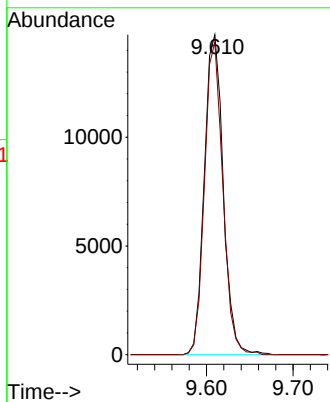
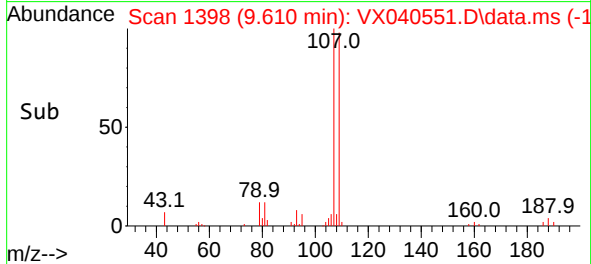
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion:107 Resp: 2228
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

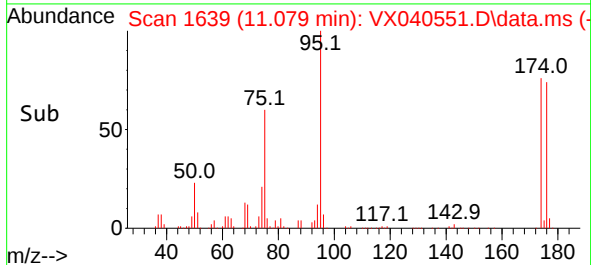
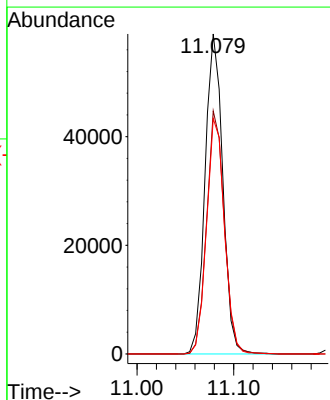
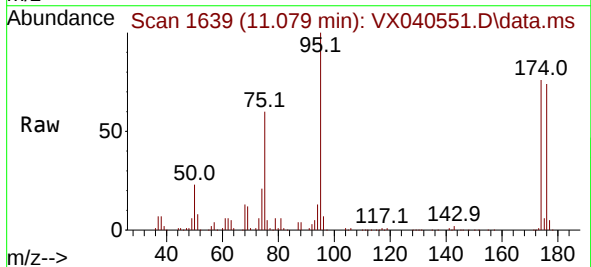
Manual Integrations
APPROVED

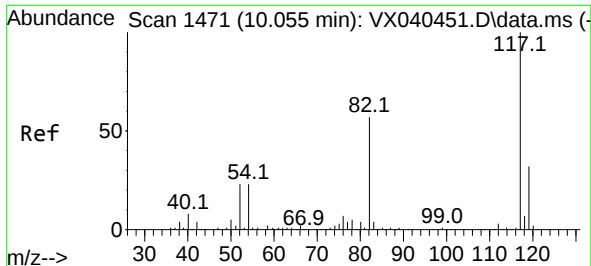
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#62
4-Bromofluorobenzene
Concen: 47.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

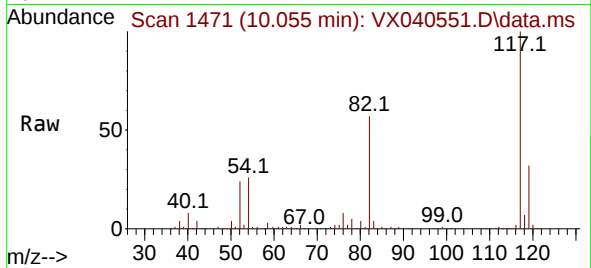
Tgt Ion: 95 Resp: 74945
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 74.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

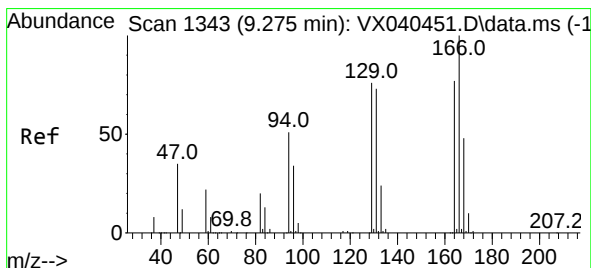
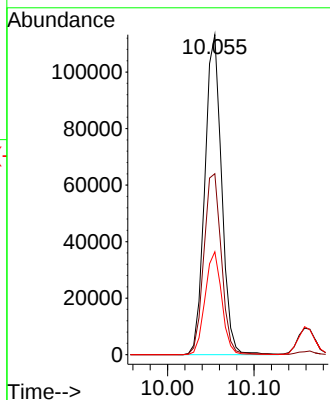
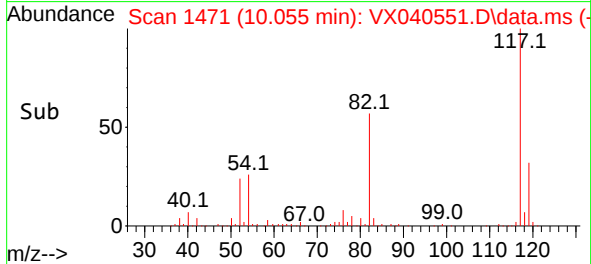
Instrument : MSVOA_X
ClientSampleId : VX0301WBS01



Tgt Ion:117 Resp: 152400
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.1 25.5 38.3

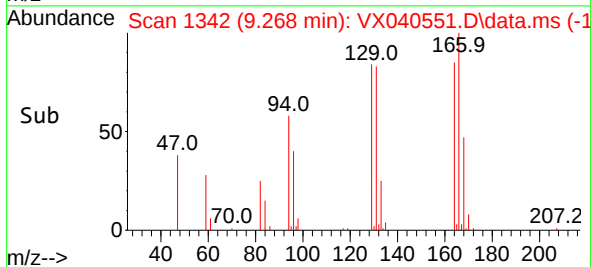
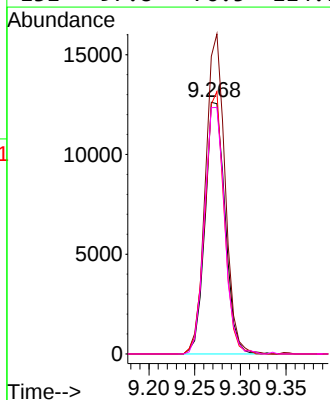
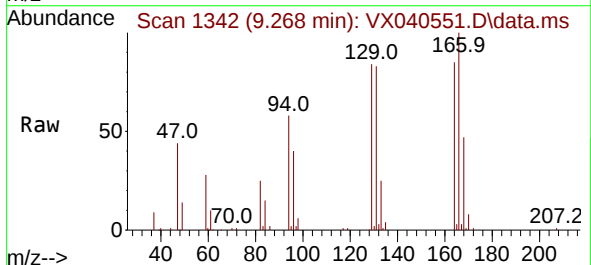
Manual Integrations
APPROVED

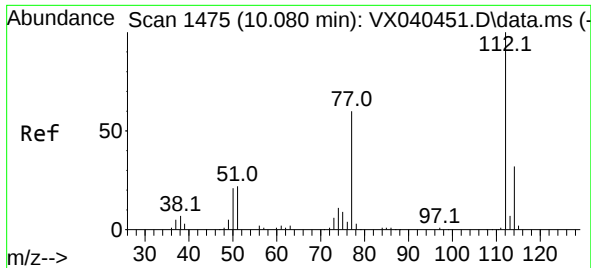
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#64
Tetrachloroethene
Concen: 17.882 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:164 Resp: 19132
Ion Ratio Lower Upper
164 100
166 118.2 102.7 154.1
129 99.3 80.4 120.6
131 97.8 76.5 114.7





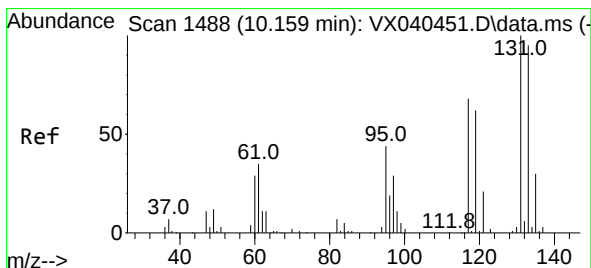
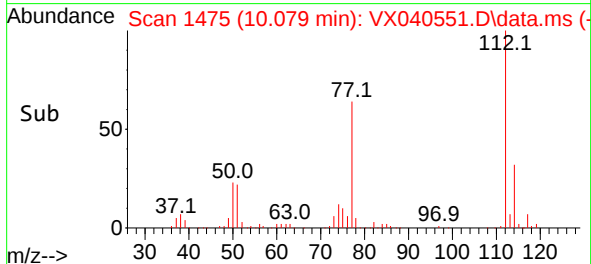
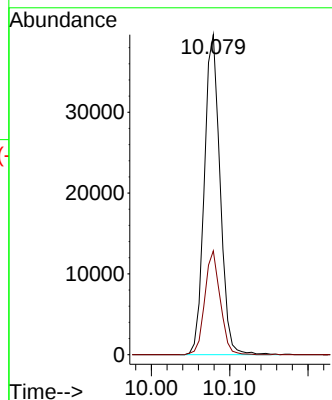
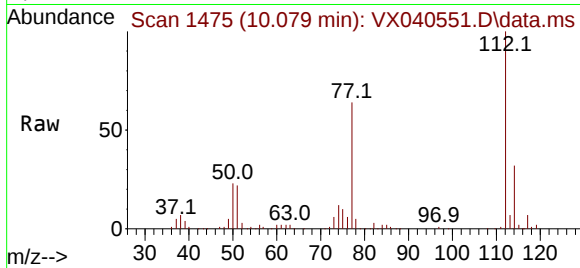
#65
Chlorobenzene
Concen: 17.052 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion:112 Resp: 55275
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

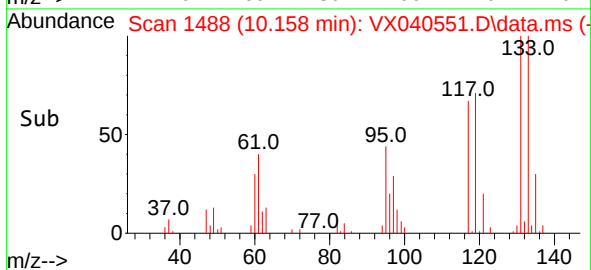
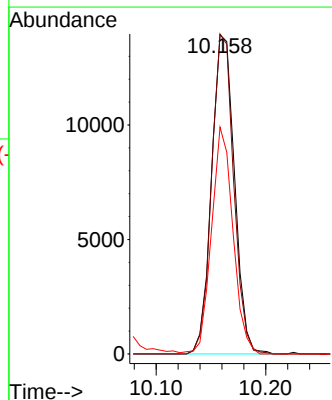
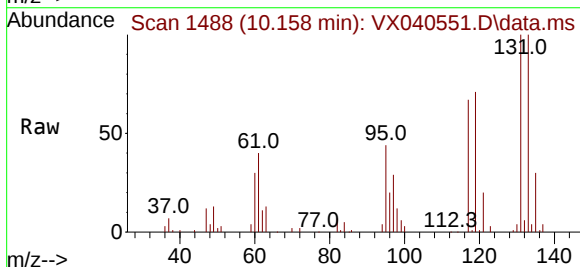
Manual Integrations
APPROVED

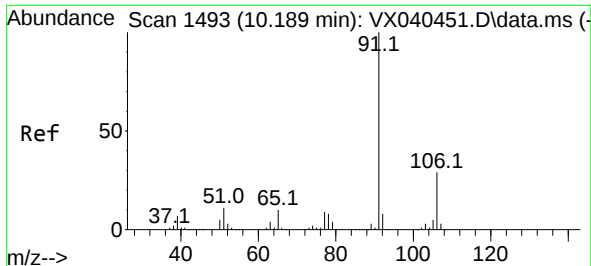
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 17.669 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:131 Resp: 20185
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 66.5 32.2 96.6





#67

Ethyl Benzene

Concen: 17.533 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion: 91 Resp: 104034

Ion Ratio Lower Upper

91 100

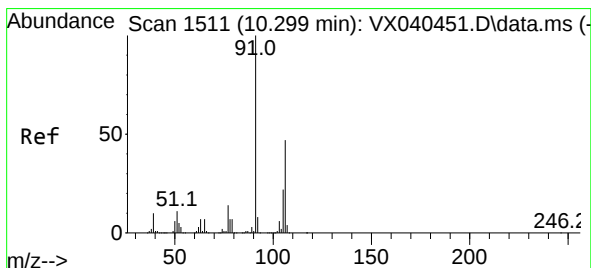
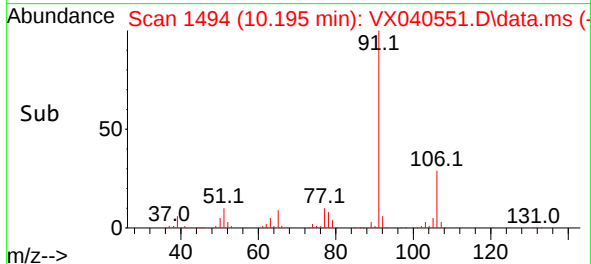
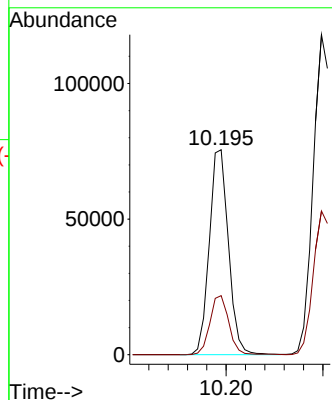
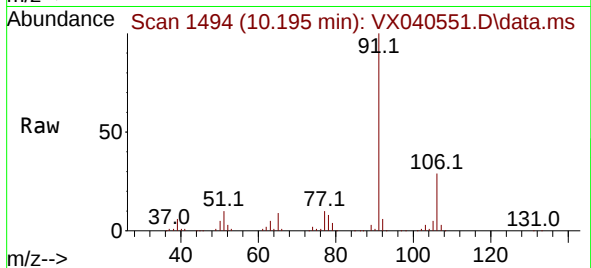
106 28.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#68

m/p-Xylenes

Concen: 34.121 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040551.D

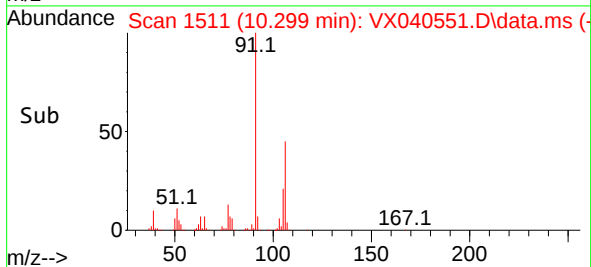
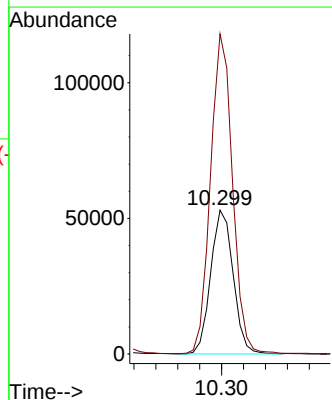
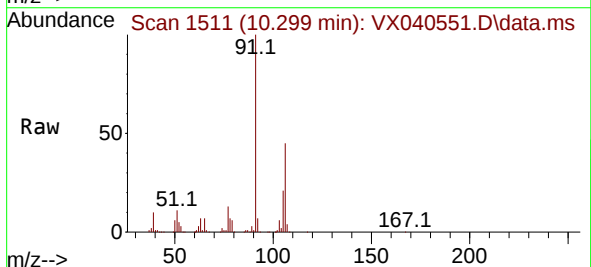
Acq: 01 Mar 2024 16:36

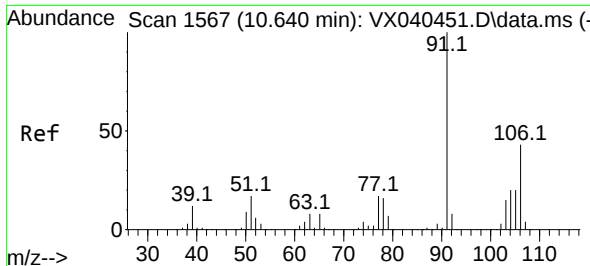
Tgt Ion:106 Resp: 75607

Ion Ratio Lower Upper

106 100

91 218.3 165.5 248.3





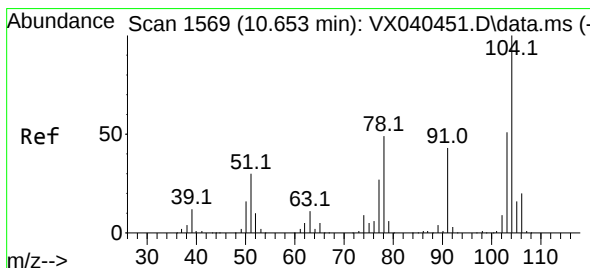
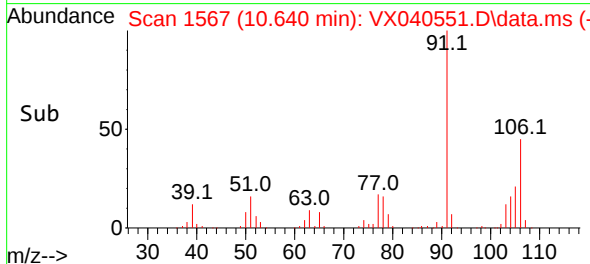
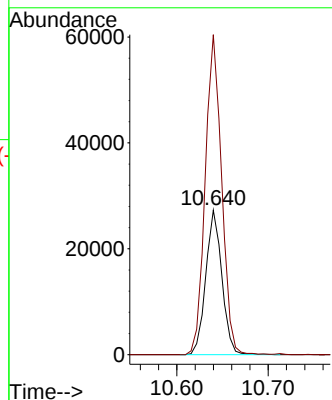
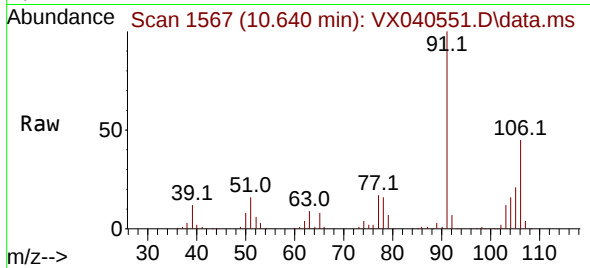
#69
o-Xylene
Concen: 15.728 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion:106 Resp: 3333
Ion Ratio Lower Upper
106 100
91 225.9 108.9 326.8

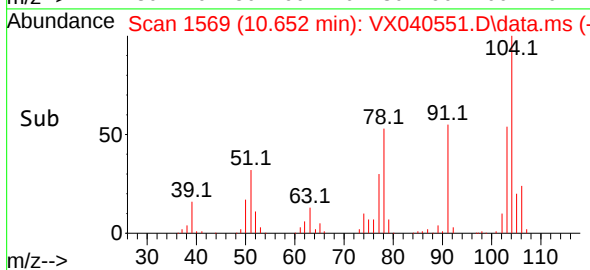
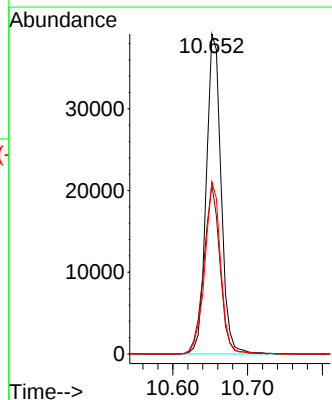
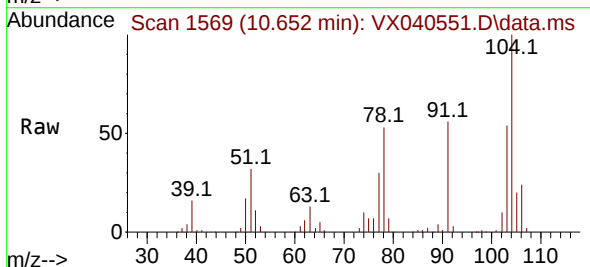
Manual Integrations
APPROVED

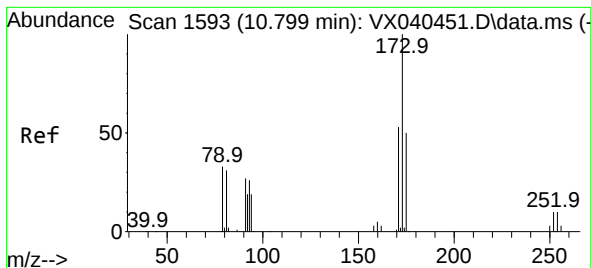
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#70
Styrene
Concen: 15.281 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:104 Resp: 53985
Ion Ratio Lower Upper
104 100
78 57.6 43.6 65.4
103 57.4 43.6 65.4





#71

Bromoform

Concen: 15.406 ug/l

RT: 10.798 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

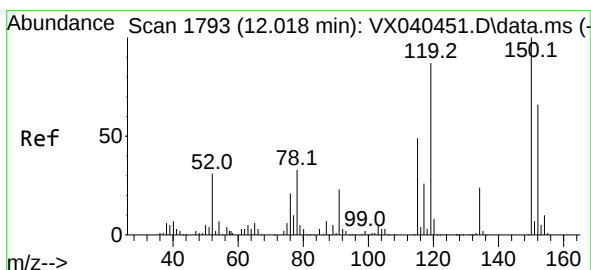
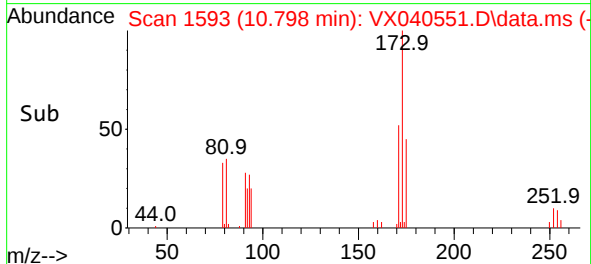
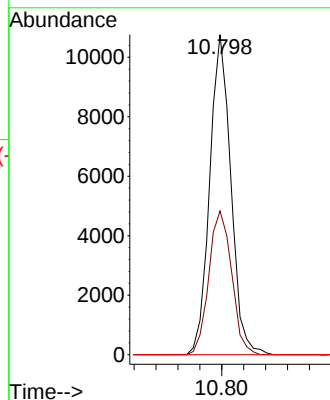
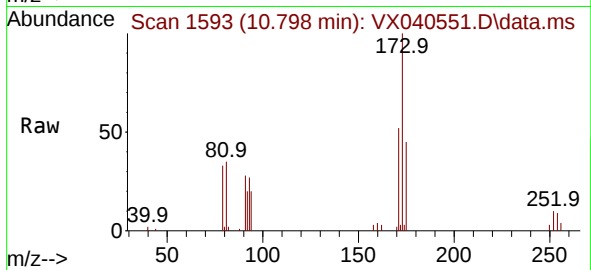
Tgt Ion:	173	Resp:	1440
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

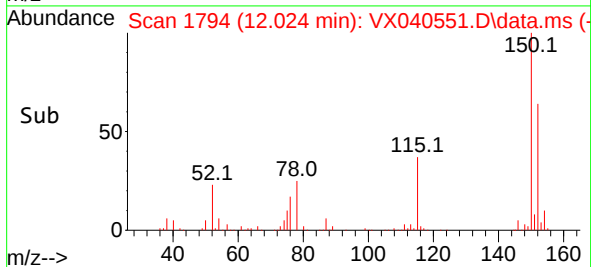
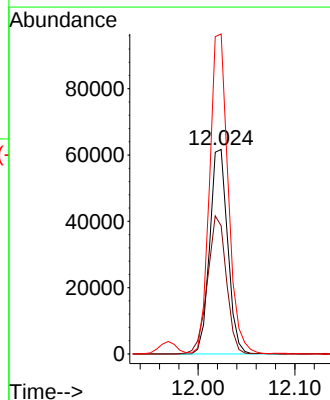
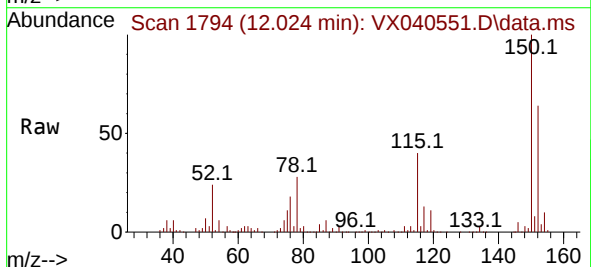
RT: 12.024 min Scan# 1794

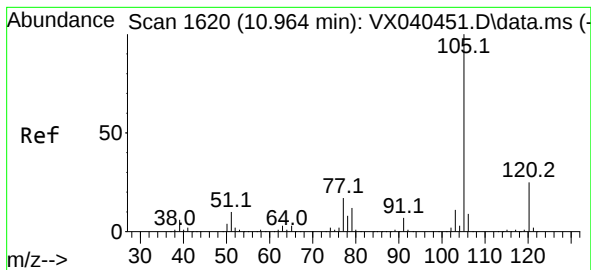
Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:	152	Resp:	79747
Ion Ratio	Lower	Upper	
152	100		
115	71.0	43.3	129.9
150	161.1	0.0	345.0





#73

Isopropylbenzene

Concen: 15.392 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion:105 Resp: 90398

Ion Ratio Lower Upper

105 100

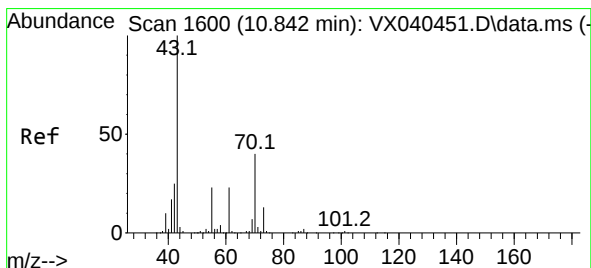
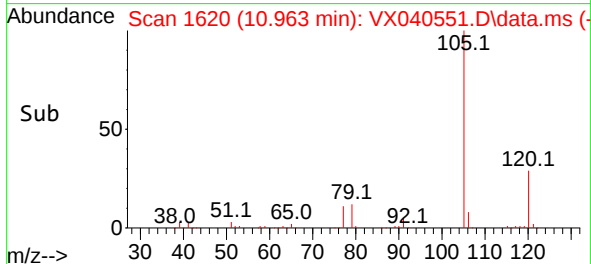
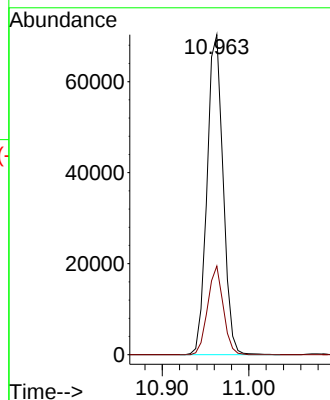
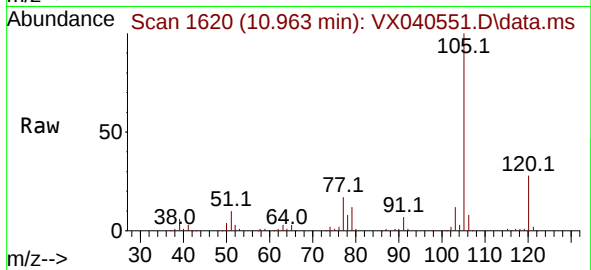
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#74

N-ethyl acetate

Concen: 15.095 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion: 43 Resp: 41174

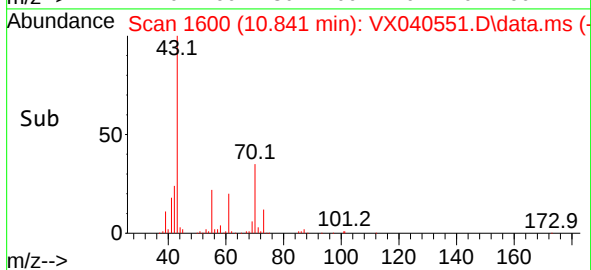
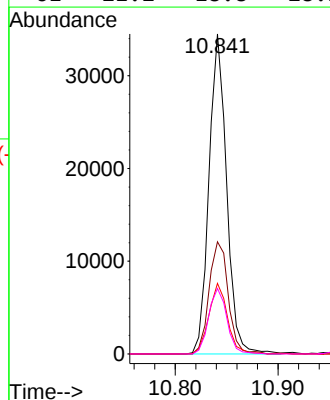
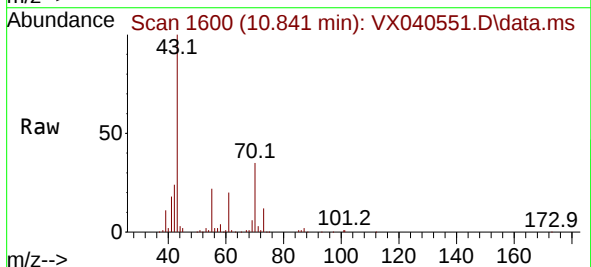
Ion Ratio Lower Upper

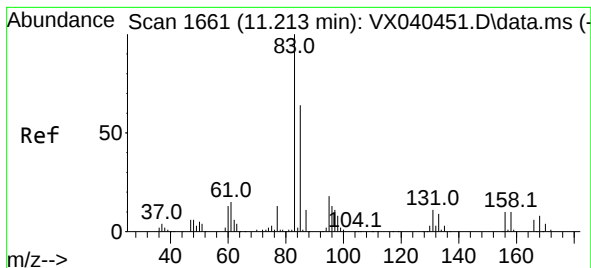
43 100

70 38.1 32.9 49.3

55 23.2 19.3 28.9

61 21.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 15.349 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

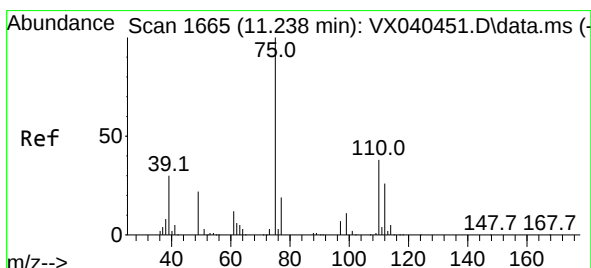
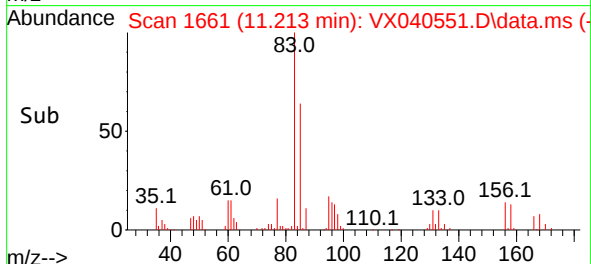
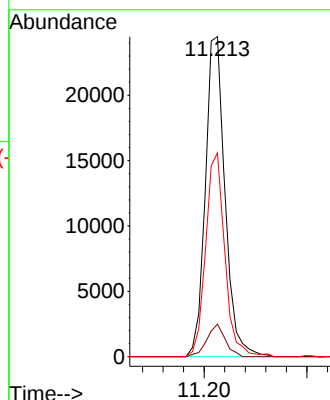
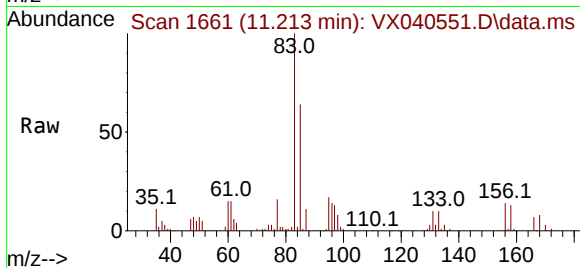
Tgt Ion: 83	Resp: 32600
Ion Ratio	Lower Upper
83 100	
131 9.5	5.3 15.8
85 62.1	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#76

1,2,3-Trichloropropane

Concen: 15.464 ug/l m

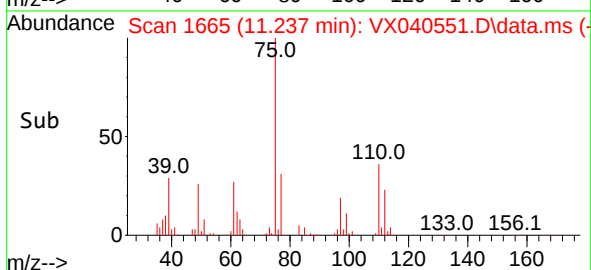
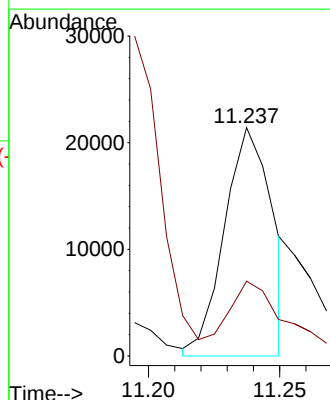
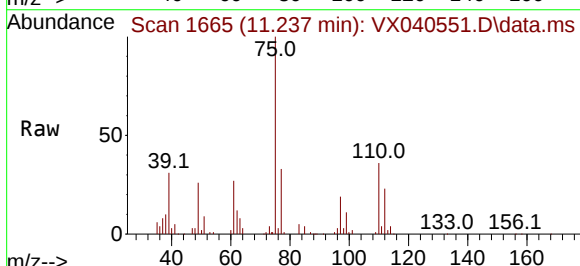
RT: 11.237 min Scan# 1665

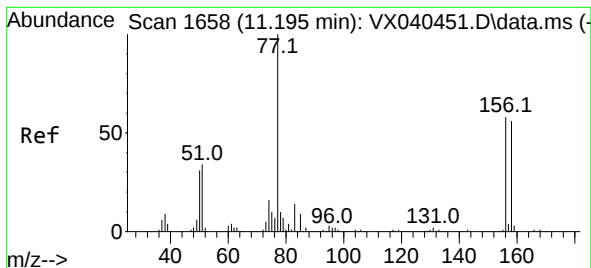
Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion: 75	Resp: 27141
Ion Ratio	Lower Upper
75 100	
77 40.4	19.1 57.5





#77

Bromobenzene

Concen: 16.251 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

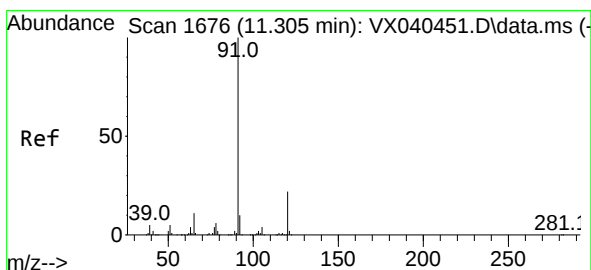
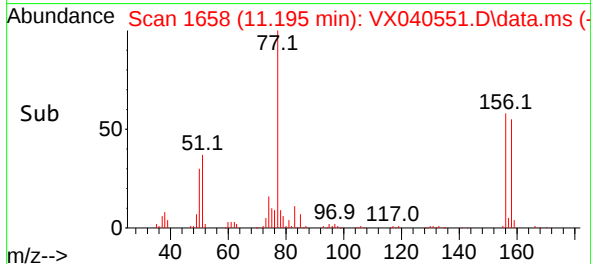
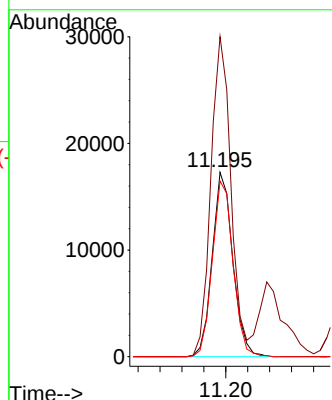
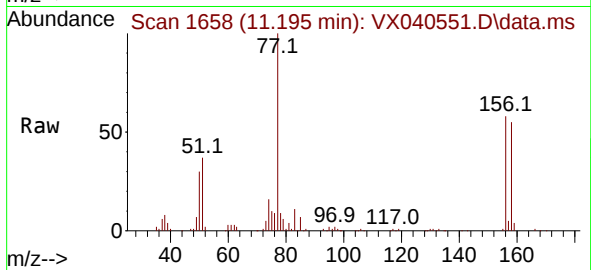
Tgt Ion:	156	Resp:	2256
Ion Ratio	Lower	Upper	
156	100		
77	168.3	88.4	265.3
158	95.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#78

n-propylbenzene

Concen: 16.061 ug/l

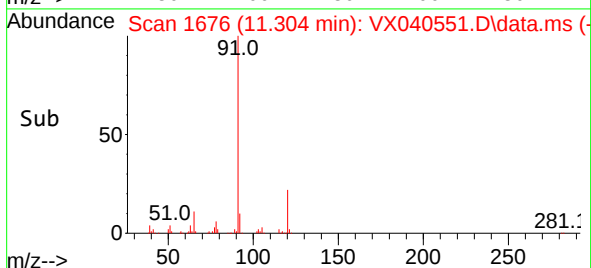
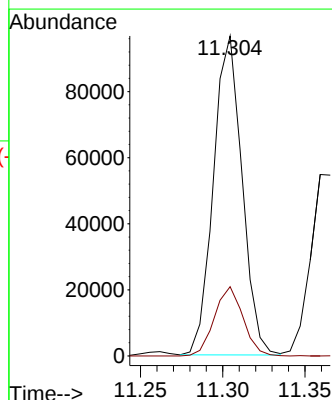
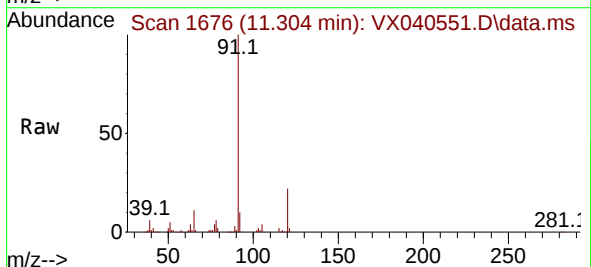
RT: 11.304 min Scan# 1676

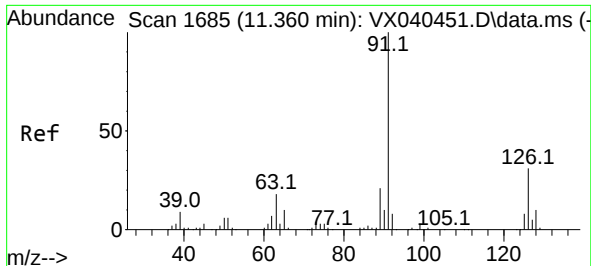
Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:	91	Resp:	117002
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.5	34.4





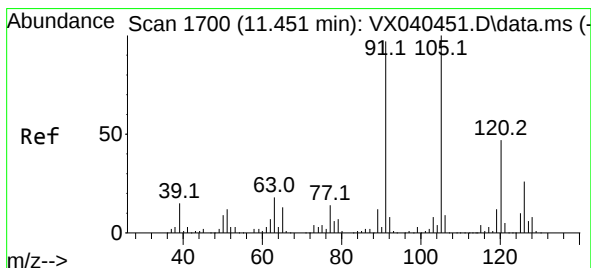
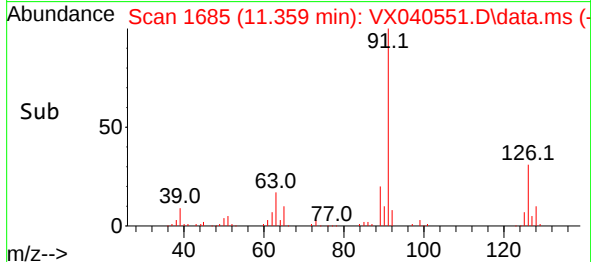
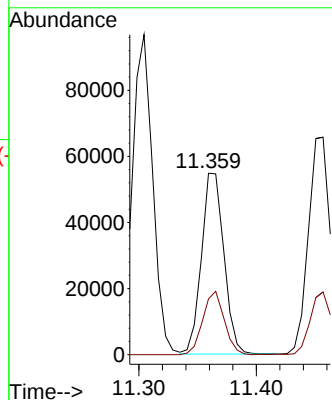
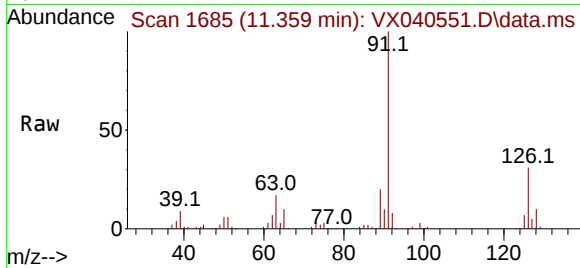
#79
2-Chlorotoluene
Concen: 16.575 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion: 91 Resp: 7268
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

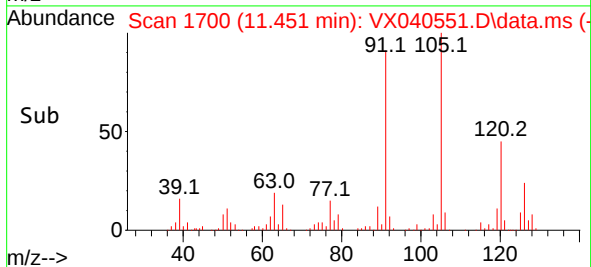
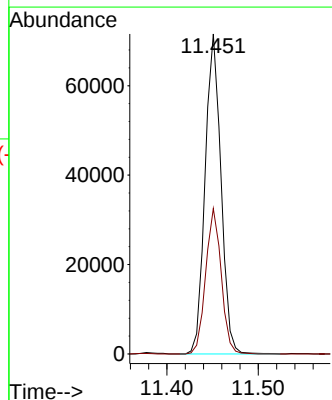
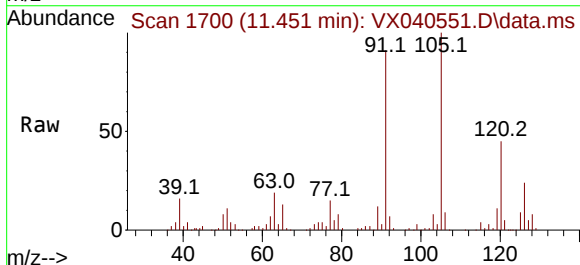
Manual Integrations
APPROVED

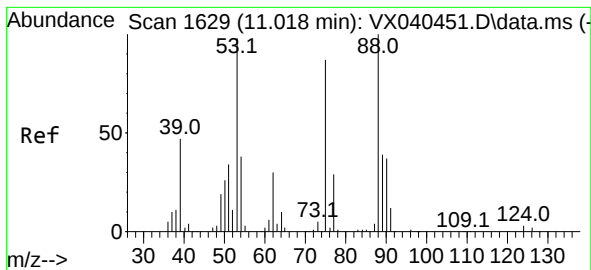
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 17.216 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

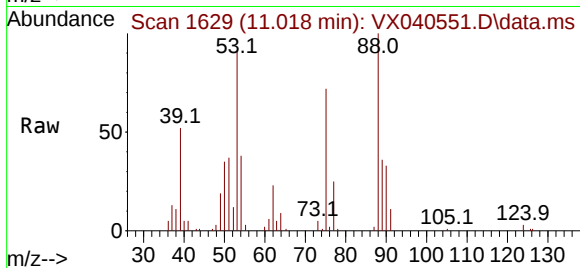
Tgt Ion:105 Resp: 85988
Ion Ratio Lower Upper
105 100
120 44.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 14.922 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

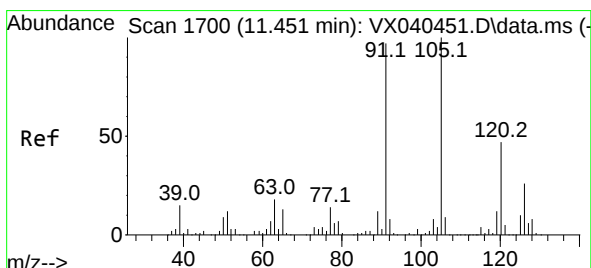
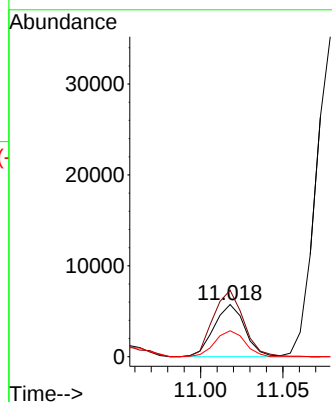
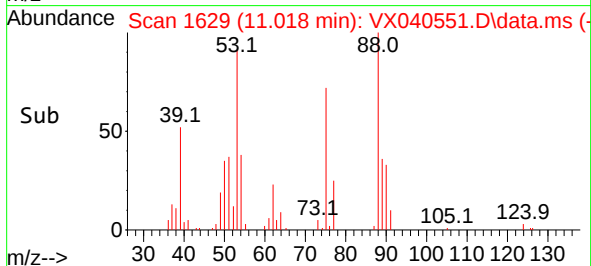
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 75 Resp: 7490
Ion Ratio Lower Upper
75 100
53 126.1 90.5 135.7
89 48.3 36.9 55.3

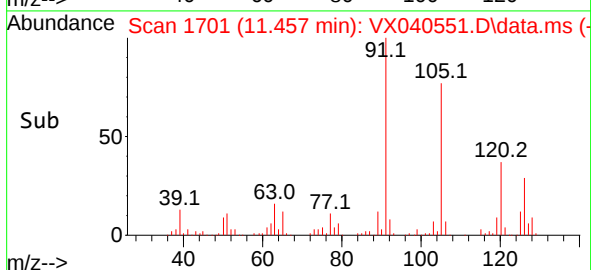
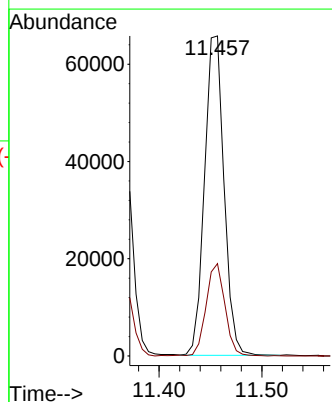
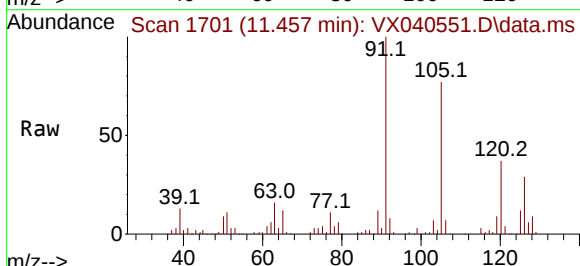
Manual Integrations
APPROVED

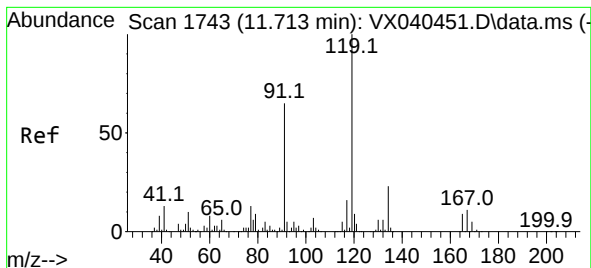
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#82
4-Chlorotoluene
Concen: 17.110 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 91 Resp: 86770
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 17.681 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

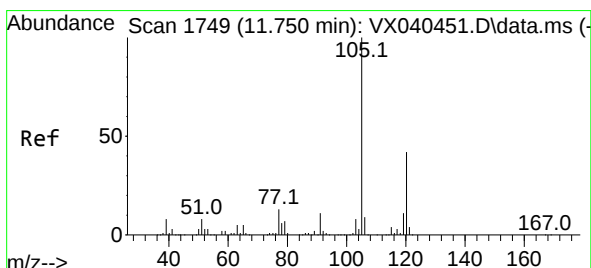
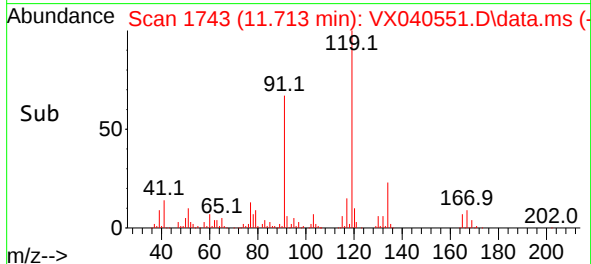
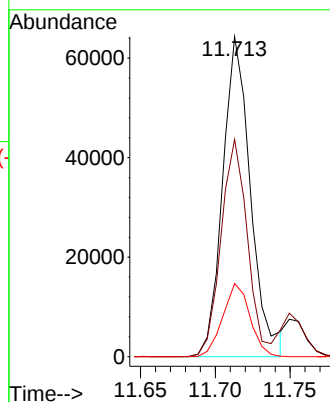
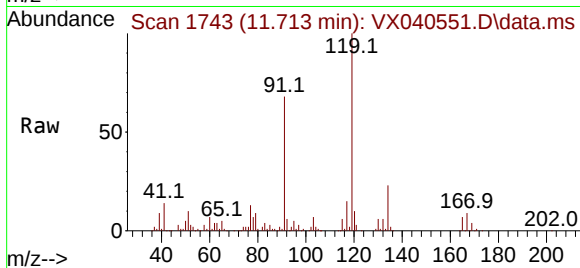
Tgt Ion:119	Resp:	83258
Ion Ratio	Lower	Upper
119	100	
91	64.6	31.2 93.6
134	22.4	11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#84

1,2,4-Trimethylbenzene

Concen: 17.431 ug/l

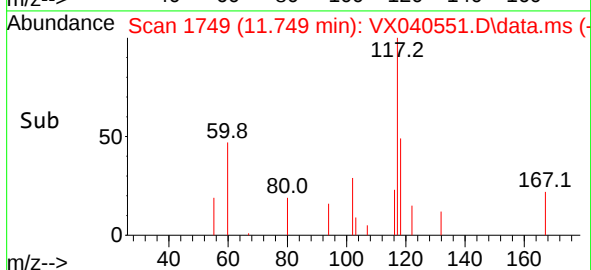
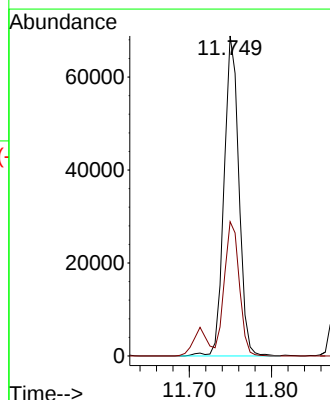
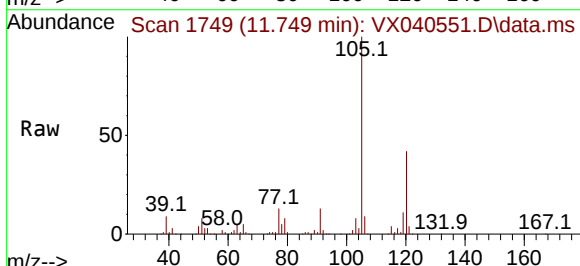
RT: 11.749 min Scan# 1749

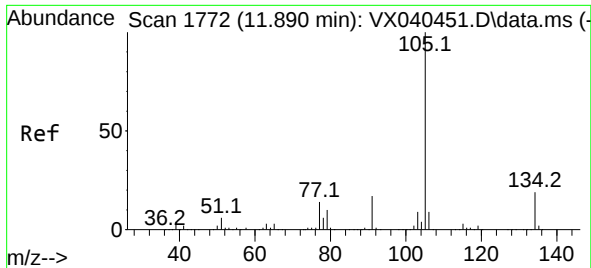
Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

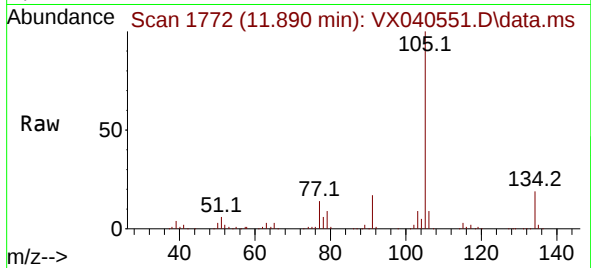
Tgt Ion:105	Resp:	86384
Ion Ratio	Lower	Upper
105	100	
120	42.0	21.2 63.6





#85
 sec-Butylbenzene
 Concen: 17.481 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.001 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36

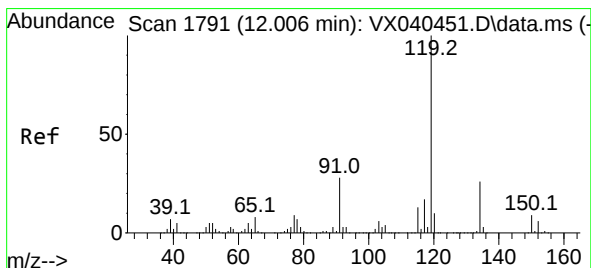
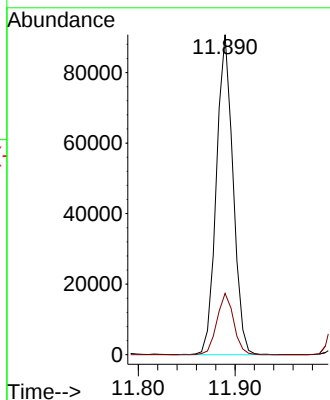
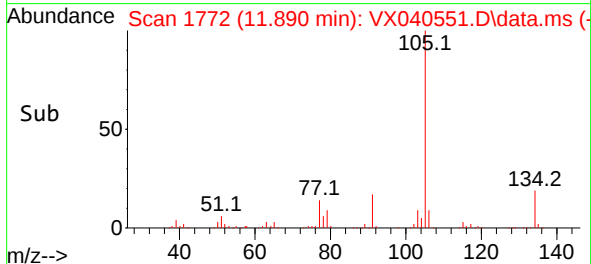
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01



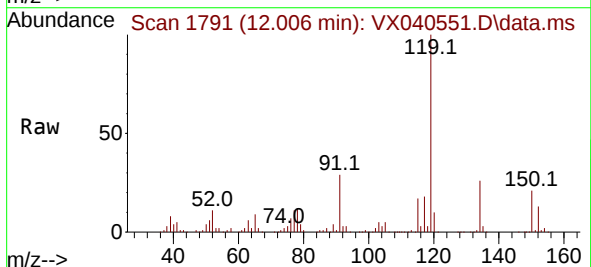
Tgt Ion:105 Resp: 10814
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

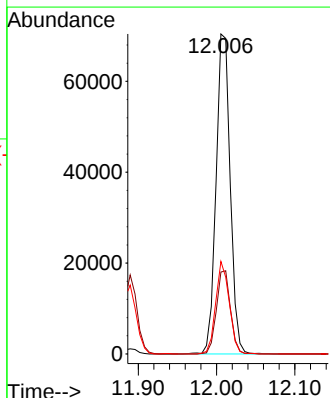
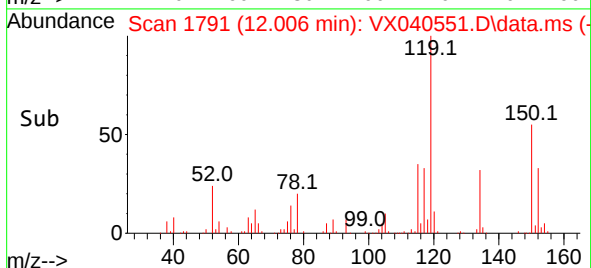
Reviewed By :John Carlone 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

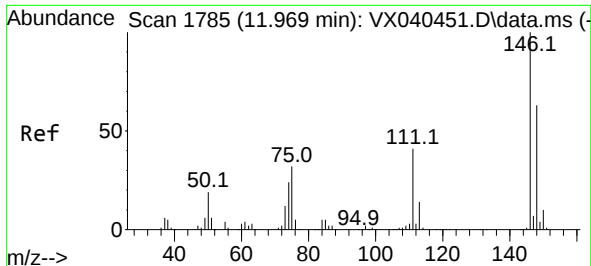


#86
 p-Isopropyltoluene
 Concen: 17.377 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.001 min
 Lab File: VX040551.D
 Acq: 01 Mar 2024 16:36



Tgt Ion:119 Resp: 88610
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 16.447 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

Tgt Ion:146 Resp: 45529

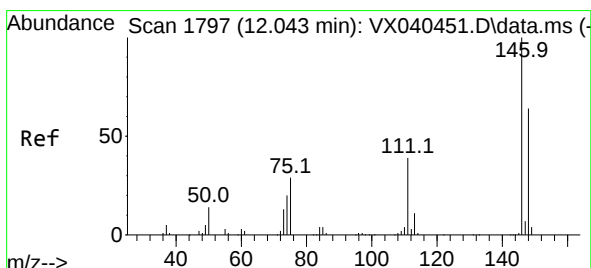
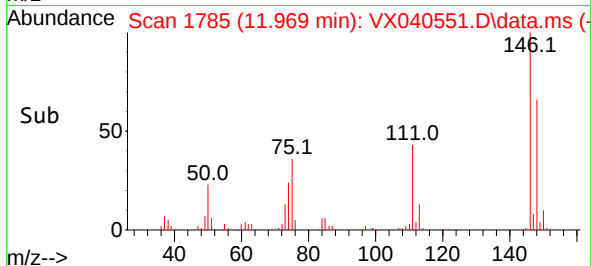
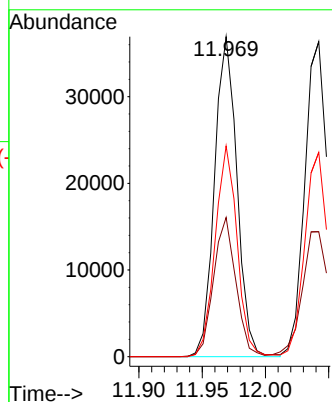
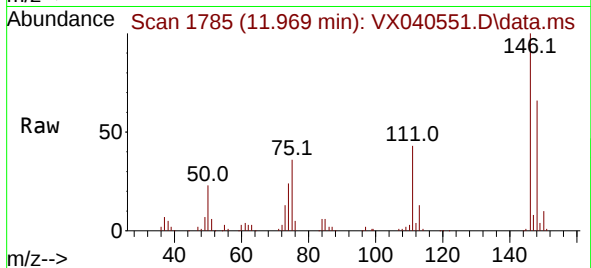
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#88

1,4-Dichlorobenzene

Concen: 16.380 ug/l

RT: 12.042 min Scan# 1797

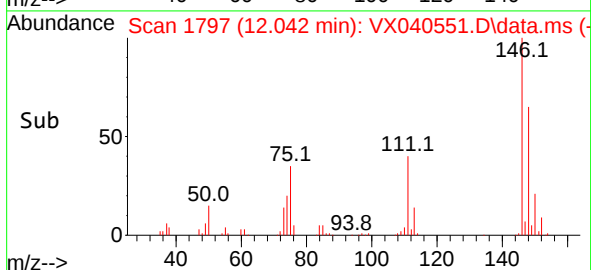
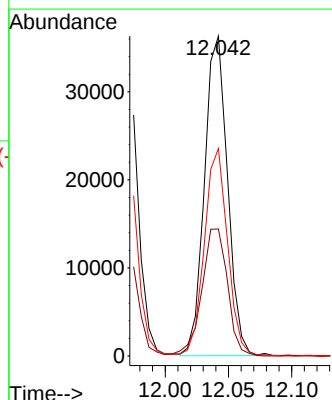
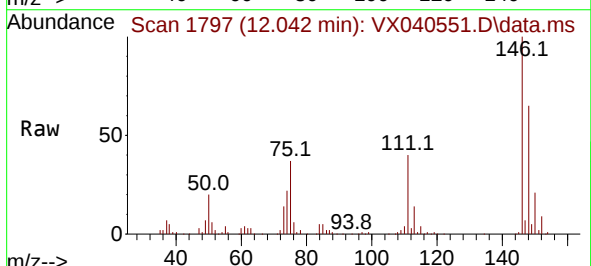
Delta R.T. -0.000 min

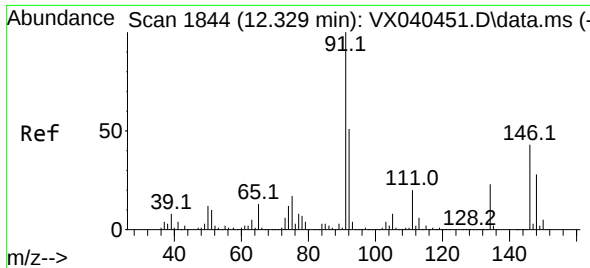
Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:146 Resp: 46156

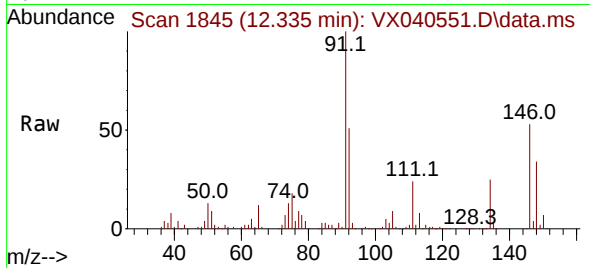
Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	63.7
148	65.4	31.8	95.4





#89
n-Butylbenzene
Concen: 17.235 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

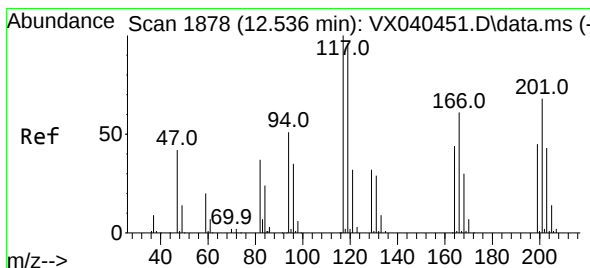
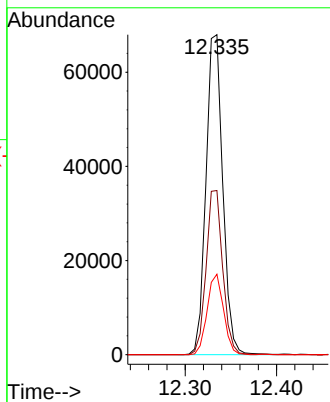
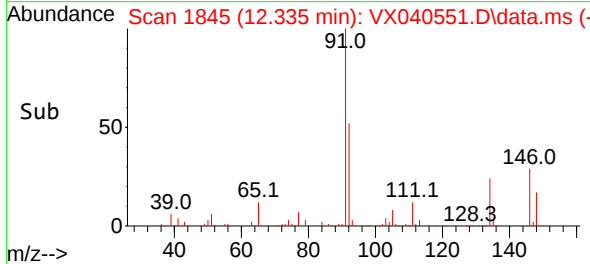
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion: 91 Resp: 8646
Ion Ratio Lower Upper
91 100
92 50.8 27.4 82.0
134 24.6 12.6 37.8

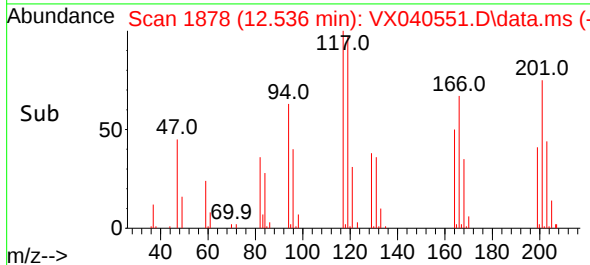
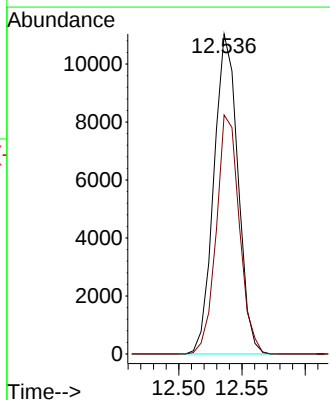
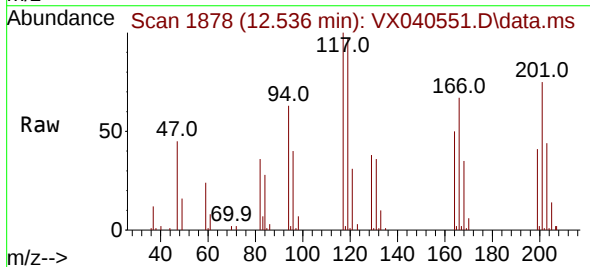
Manual Integrations
APPROVED

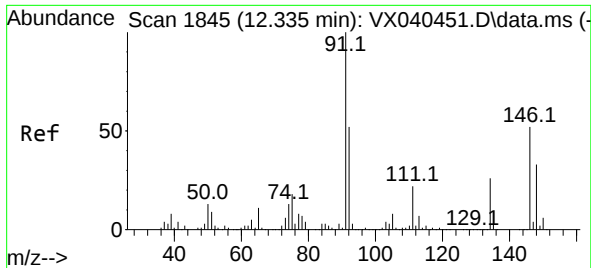
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#90
Hexachloroethane
Concen: 17.153 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

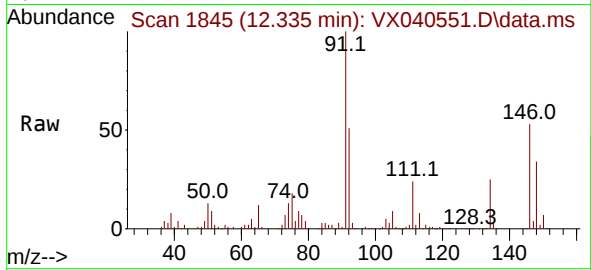
Tgt Ion:117 Resp: 14557
Ion Ratio Lower Upper
117 100
201 71.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 16.750 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

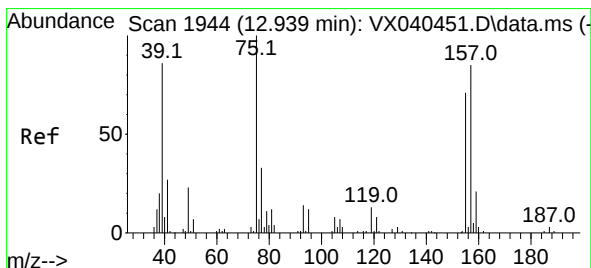
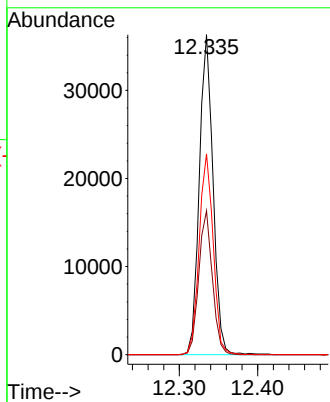
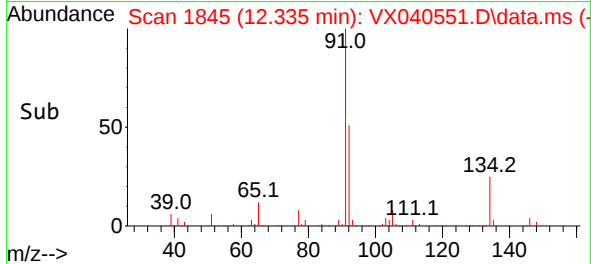
Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01



Tgt Ion:146 Resp: 44184
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.0
148 64.1 31.6 95.0

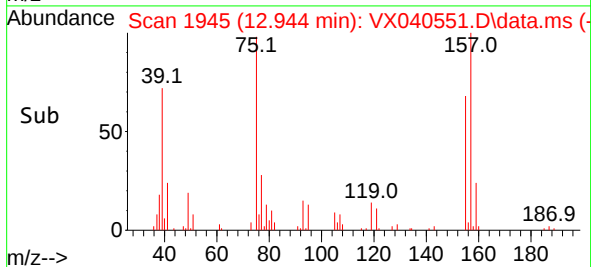
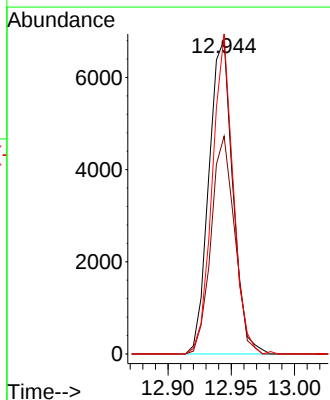
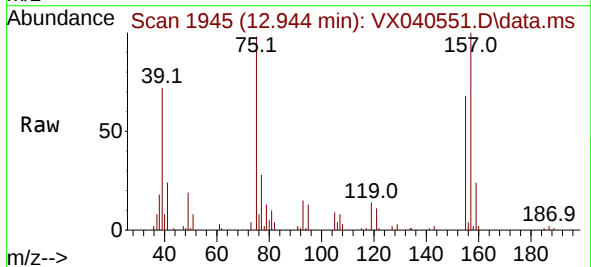
Manual Integrations
APPROVED

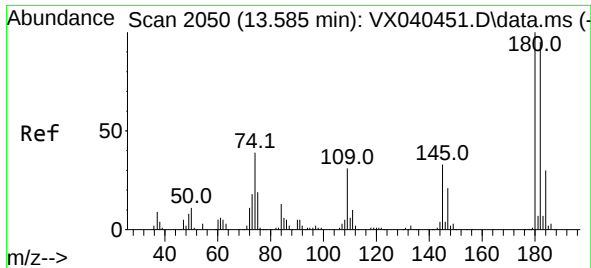
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.138 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion: 75 Resp: 8981
Ion Ratio Lower Upper
75 100
155 68.0 36.1 108.5
157 88.9 44.9 134.7





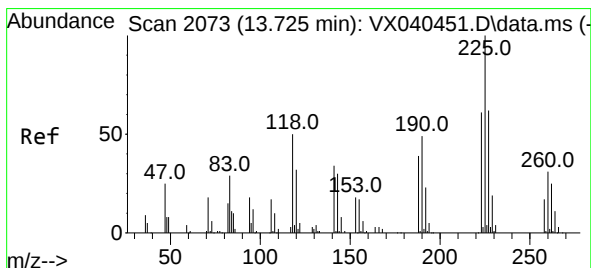
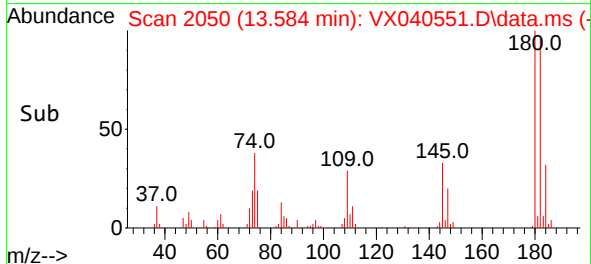
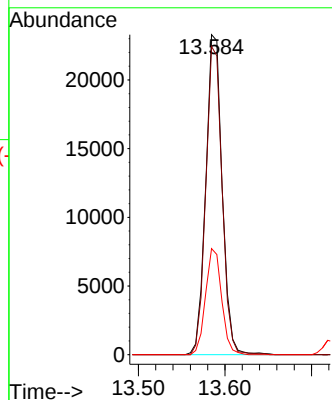
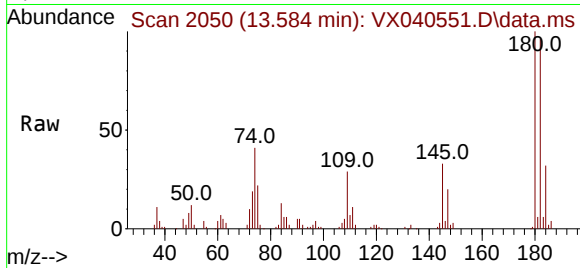
#93
1,2,4-Trichlorobenzene
Concen: 17.807 ug/l
RT: 13.584 min Scan# 2050
Delta R.T. -0.001 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Instrument :
MSVOA_X
ClientSampleId :
VX0301WBS01

Tgt Ion:180 Resp: 30654
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 32.5 18.0 54.0

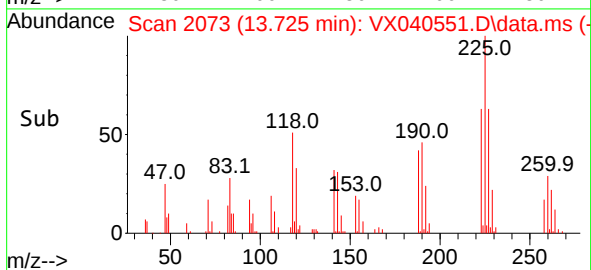
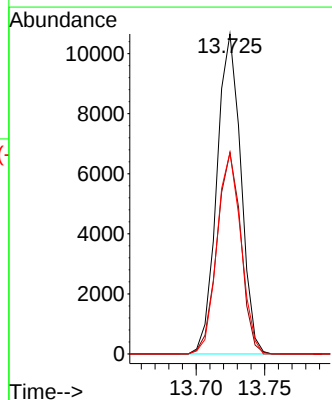
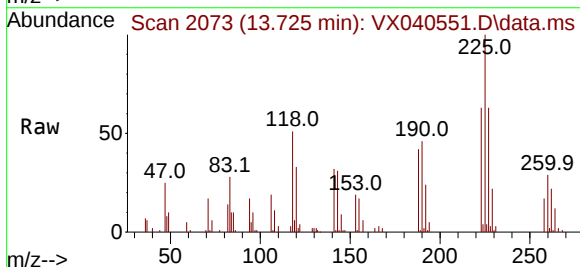
Manual Integrations
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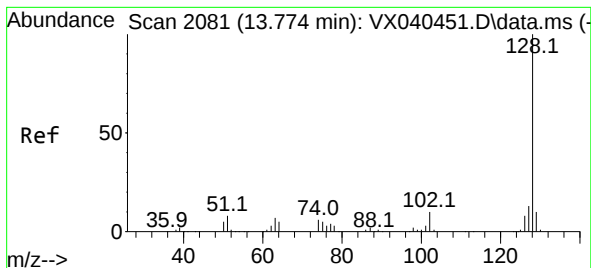
Reviewed By :John Carbone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#94
Hexachlorobutadiene
Concen: 18.414 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040551.D
Acq: 01 Mar 2024 16:36

Tgt Ion:225 Resp: 12955
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 62.7 32.5 97.5





#95

Naphthalene

Concen: 17.195 ug/l

RT: 13.773 min Scan# 2081

Delta R.T. -0.001 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Instrument :

MSVOA_X

ClientSampleId :

VX0301WBS01

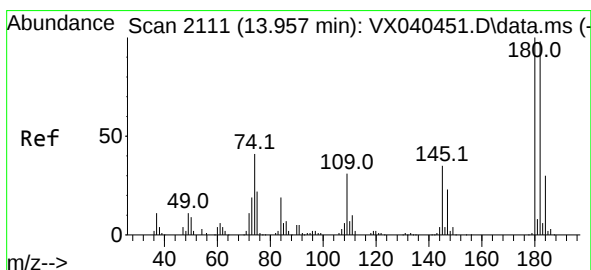
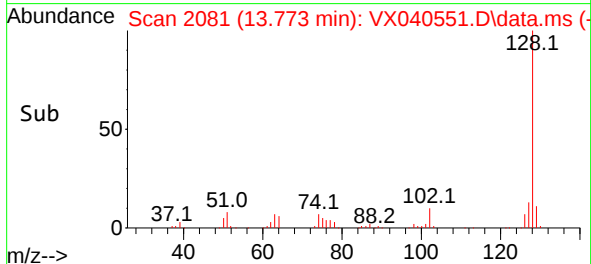
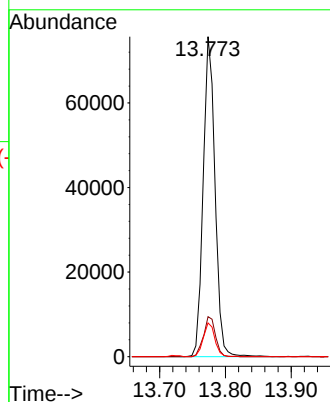
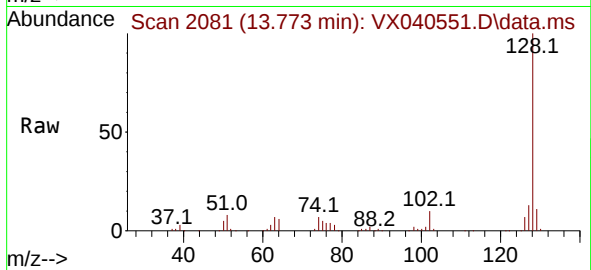
Tgt Ion:128	Resp:	94594
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.3 15.5
129	10.4	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/04/2024

Supervised By :Mahesh Dadoda 03/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.256 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040551.D

Acq: 01 Mar 2024 16:36

Tgt Ion:180	Resp:	29874
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.9 140.6
145	32.6	17.8 53.5

