

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030524\
 Data File : VX040583.D
 Acq On : 05 Mar 2024 12:30
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 05 13:17:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:11:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	15141	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	90491	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	82295	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	47615	20.060	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	66.867%#		
60) 4-Bromofluorobenzene	11.079	95	44721	24.638	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.133%		
63) Toluene-d8	8.653	98	107147	31.668	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	105.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	158148	61.825	ug/l	98
3) Chloromethane	1.294	50	164013	57.711	ug/l	95
4) Vinyl Chloride	1.373	62	173690	62.622	ug/l	99
5) Bromomethane	1.593	94	79707	60.138	ug/l	100
6) Chloroethane	1.666	64	100855	79.885	ug/l	96
7) Trichlorofluoromethane	1.879	101	266128	67.948	ug/l	96
8) Diethyl Ether	2.135	74	89785	61.267	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.324	101	144900	60.402	ug/l	95
10) 1,1-Dichloroethene	2.312	96	141494	61.558	ug/l	96
11) Methyl Iodide	2.446	142	180421	71.631	ug/l	95
12) Methyl Acetate	2.702	43	239042	64.573	ug/l	99
13) Acrolein	2.239	56	222549	402.924	ug/l	99
14) Acrylonitrile	3.068	53	462809	272.619	ug/l	98
15) Acetone	2.385	58	124691	232.859	ug/l	71
16) Carbon Disulfide	2.507	76	392530	63.343	ug/l	99
17) Allyl chloride	2.660	41	262130	57.833	ug/l	89
18) Methylene Chloride	2.788	84	161948	60.272	ug/l	97
19) trans-1,2-Dichloroethene	3.086	96	154509	63.350	ug/l	99
20) Diisopropyl ether	3.763	45	542588	61.329	ug/l	91
21) 1,1-Dichloroethane	3.605	63	302596	61.257	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	182119	63.880	ug/l	95
23) tert-Butyl Alcohol	2.983	59	230088	289.331	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	536842	63.722	ug/l	96
25) Chloroform	5.092	83	333152	68.720	ug/l	94
26) Cyclohexane	5.470	56	242363	56.557	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	236597	91.110	ug/l	98
30) 2-Butanone	4.562	43	716523	384.709	ug/l	98
31) 2,2-Dichloropropane	4.476	77	263075	91.118	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	302729	100.865	ug/l	98
33) Carbon Tetrachloride	5.671	117	257156	108.686	ug/l	97
34) Benzene	6.037	78	636848	82.670	ug/l	98
35) Methacrylonitrile	4.922	41	152101	84.874	ug/l	96
36) 1,2-Dichloroethane	6.086	62	296560	98.172	ug/l	96
37) Trichloroethene	7.122	130	171881	93.911	ug/l	100
38) Methylcyclohexane	7.378	83	246462	77.573	ug/l	99
39) 1,2-Dichloropropane	7.433	63	156654	75.472	ug/l	98
40) Dibromomethane	7.580	93	123397	88.012	ug/l	96
41) Bromodichloromethane	7.823	83	253239	97.471	ug/l	100
42) Vinyl Acetate	3.727	43	2575374	418.206	ug/l	99

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 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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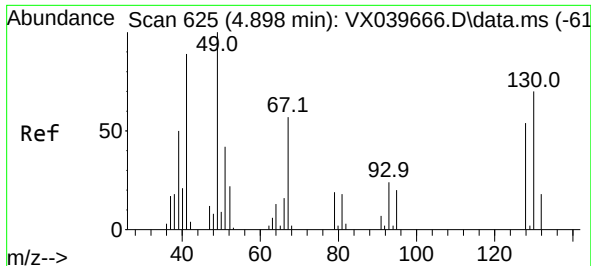
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/06/2024

Quant Time: Mar 05 13:17:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:11:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	274108	78.518	ug/l	100
44) Isopropyl Acetate	6.342	43	451041	83.576	ug/l	96
45) 1,4-Dioxane	7.659	88	86643	1665.217	ug/l	96
46) Methyl methacrylate	7.695	41	219827	84.813	ug/l	94
47) n-amyl Acetate	10.841	43	403742	85.663	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	276895	99.024	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	274205	89.540	ug/l	93
50) 1,1,2-Trichloroethane	9.152	97	165061	85.884	ug/l	98
51) Ethyl methacrylate	9.116	69	272495	84.877	ug/l	95
52) 1,3-Dichloropropane	9.311	76	273084	82.341	ug/l	100
53) Dibromochloromethane	9.524	129	192788	107.788	ug/l	100
54) 1,2-Dibromoethane	9.610	107	178192	88.468	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	673444	431.088	ug/l	100
56) Bromoform	10.799	173	148504	123.270	ug/l #	97
58) 4-Methyl-2-Pentanone	8.579	43	1394247	515.063	ug/l	99
59) 2-Hexanone	9.433	43	1115918	509.271	ug/l	97
61) Tetrachloroethene	9.274	164	139090	127.592	ug/l	96
62) Toluene	8.720	91	669412	109.724	ug/l	99
64) Chlorobenzene	10.079	112	416755	117.490	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.164	131	164816	130.695	ug/l	98
66) Ethyl Benzene	10.195	91	792614	118.315	ug/l	99
67) m/p-Xylenes	10.305	106	588491	240.494	ug/l	97
68) o-Xylene	10.640	106	289160	117.706	ug/l	96
69) Styrene	10.658	104	499592	127.207	ug/l	98
70) Isopropylbenzene	10.963	105	787947	121.521	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	276237	110.918	ug/l	99
72) 1,2,3-Trichloropropane	11.237	75	236839m	113.697	ug/l	
73) Bromobenzene	11.201	156	187738	131.142	ug/l	95
74) n-propylbenzene	11.305	91	978115	126.519	ug/l	99
75) 2-Chlorotoluene	11.365	91	587913	122.409	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	754508	136.211	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	87895	128.576	ug/l	85
78) 4-Chlorotoluene	11.457	91	753519	141.453	ug/l	98
79) tert-butylbenzene	11.713	119	705822	134.477	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	744028	135.344	ug/l	98
81) sec-Butylbenzene	11.890	105	913171	135.375	ug/l	99
82) p-Isopropyltoluene	12.006	119	762734	142.076	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	390059	145.780	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	392391	147.859	ug/l	99
85) n-Butylbenzene	12.335	91	757234	154.112	ug/l	99
86) Hexachloroethane	12.536	117	141282	153.825	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	374169	139.542	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.938	75	82215	137.866	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	250113	165.442	ug/l	98
90) Hexachlorobutadiene	13.725	225	98534	148.885	ug/l	96
91) Naphthalene	13.774	128	839683	142.365	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	246470	157.461	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



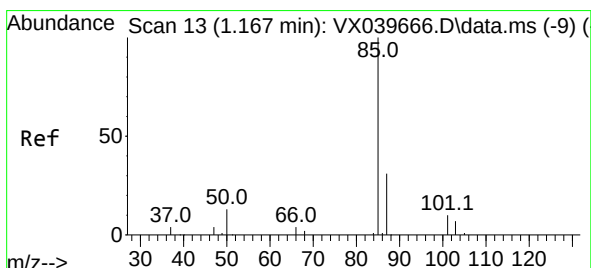
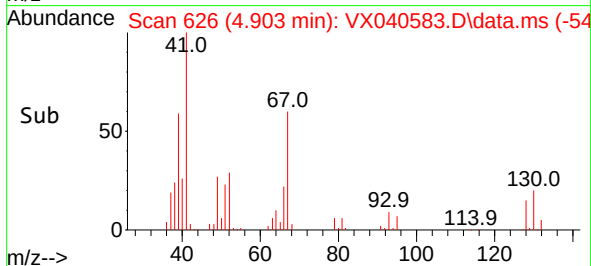
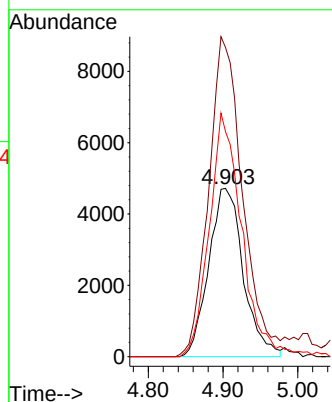
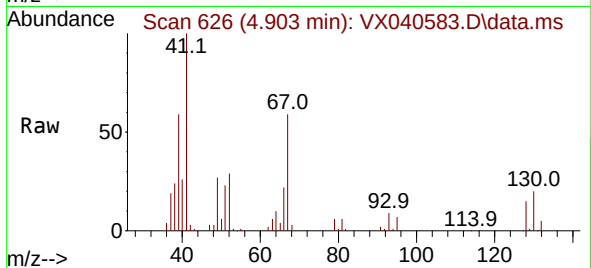
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1514
Ion Ratio Lower Upper
128 100
49 186.5 0.0 444.0
130 133.3 0.0 297.8

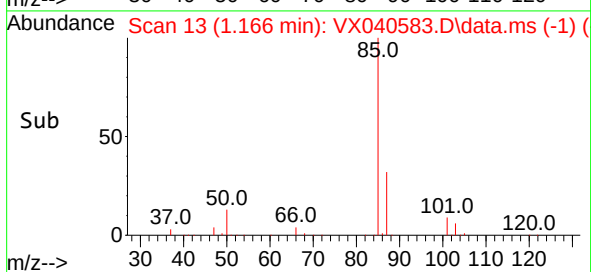
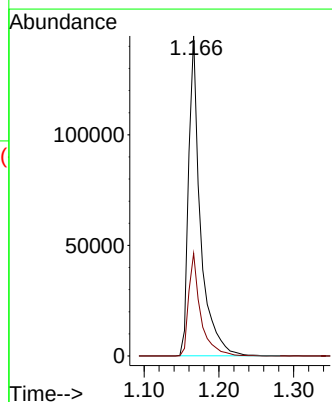
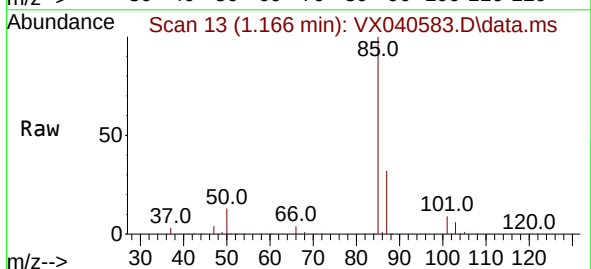
Manual Integrations
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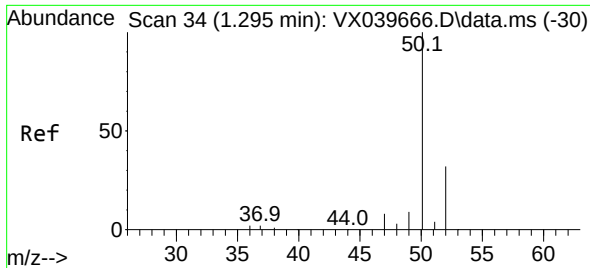
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#2
Dichlorodifluoromethane
Concen: 61.825 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 85 Resp: 158148
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





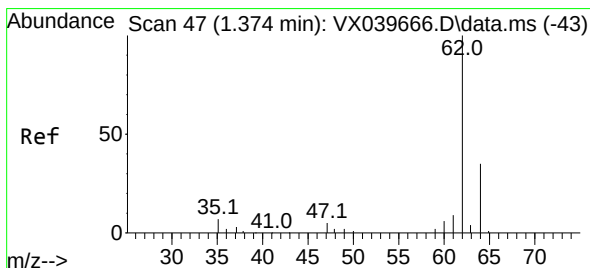
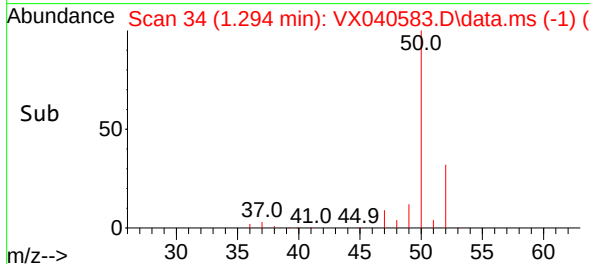
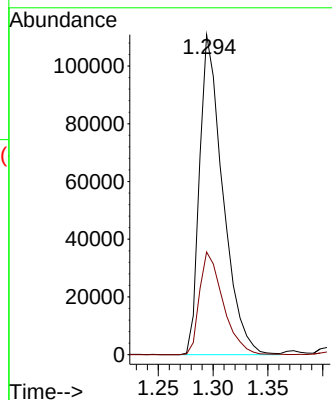
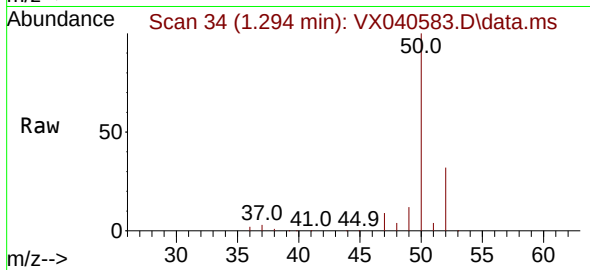
#3
Chloromethane
Concen: 57.711 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 16401
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.8

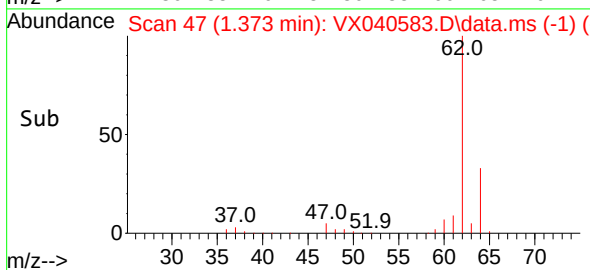
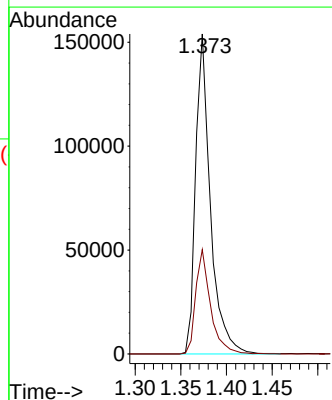
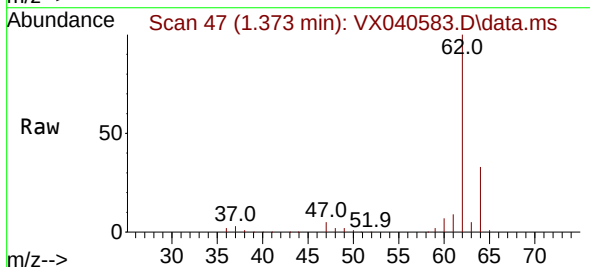
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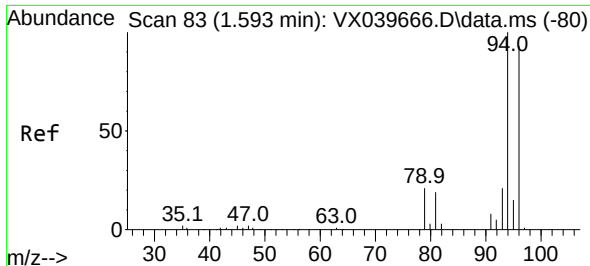
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#4
Vinyl Chloride
Concen: 62.622 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 62 Resp: 173690
Ion Ratio Lower Upper
62 100
64 32.6 26.3 39.5





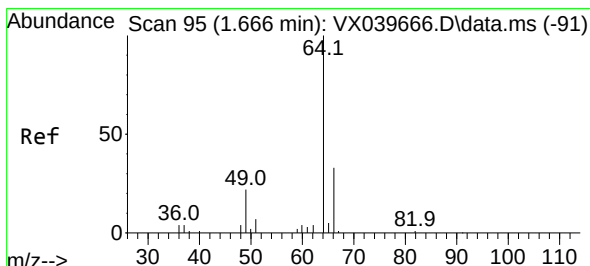
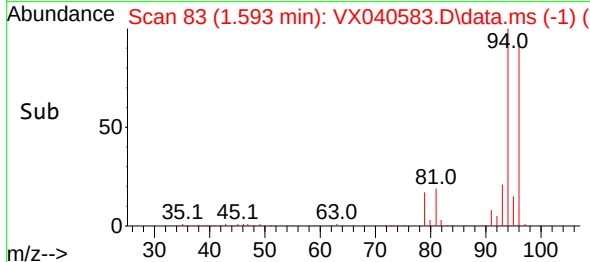
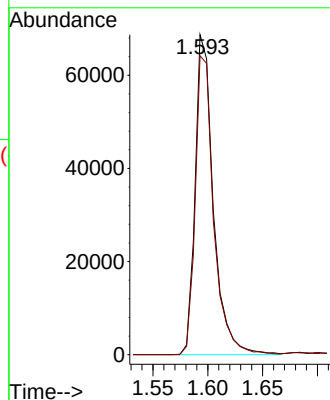
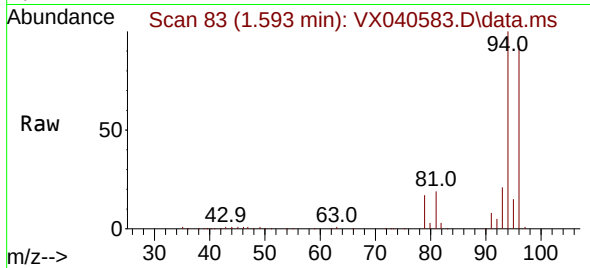
#5
Bromomethane
Concen: 60.138 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 7970
Ion Ratio Lower Upper
94 100
96 93.3 74.9 112.3

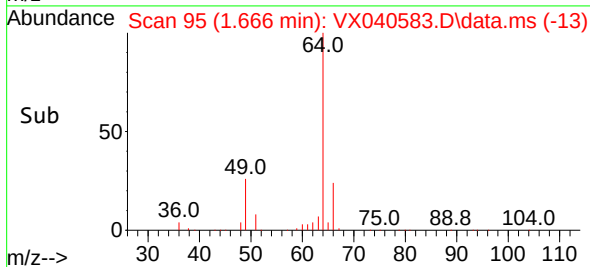
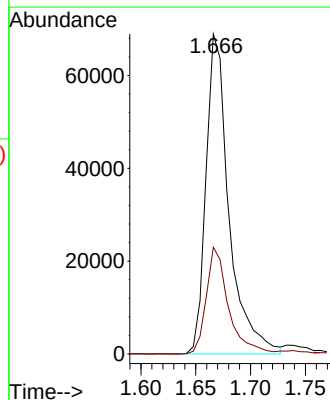
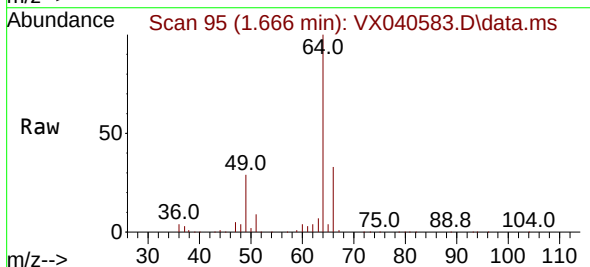
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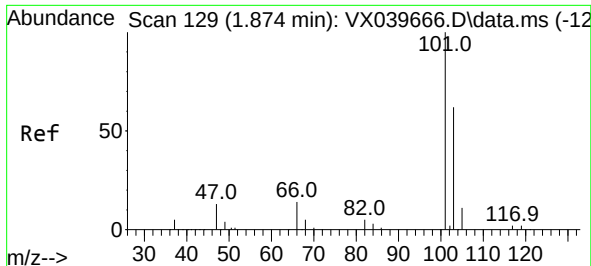
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#6
Chloroethane
Concen: 79.885 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

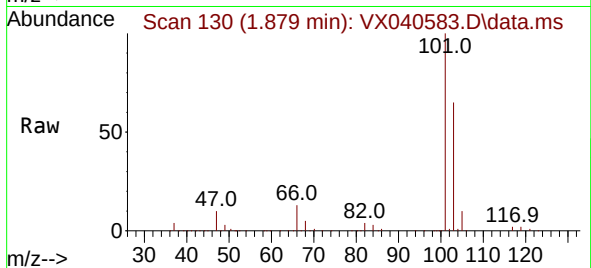
Tgt Ion: 64 Resp: 100855
Ion Ratio Lower Upper
64 100
66 33.4 25.0 37.6





#7
Trichlorofluoromethane
Concen: 67.948 ug/l
RT: 1.879 min Scan# 11
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

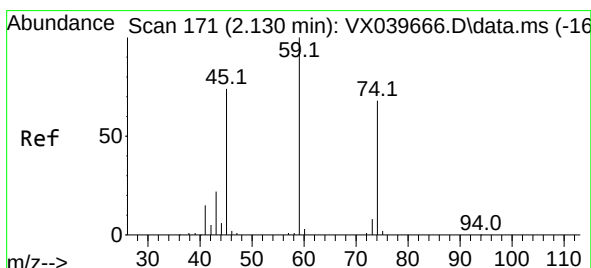
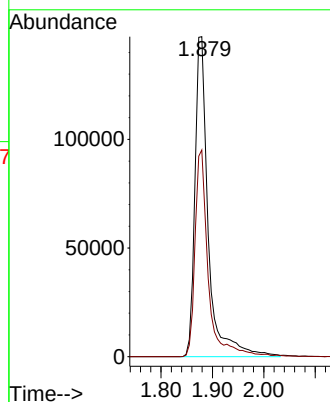
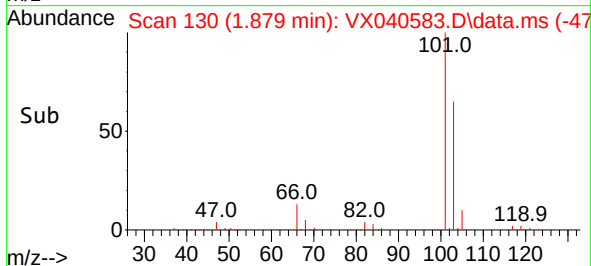
Instrument :
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VSTDICC150



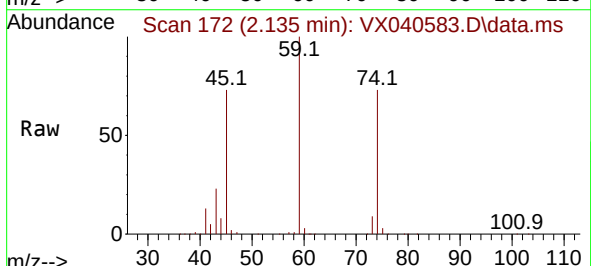
Tgt Ion:101 Resp: 266128
Ion Ratio Lower Upper
101 100
103 64.6 49.1 73.7

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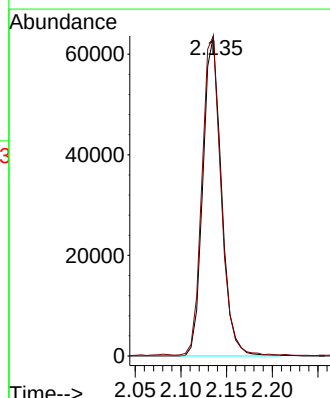
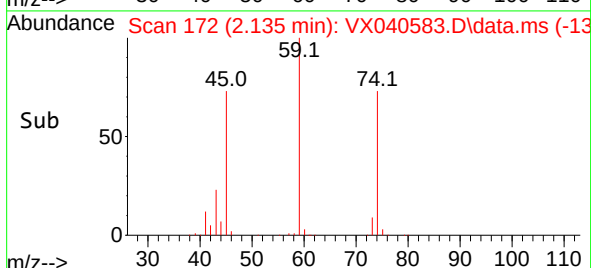
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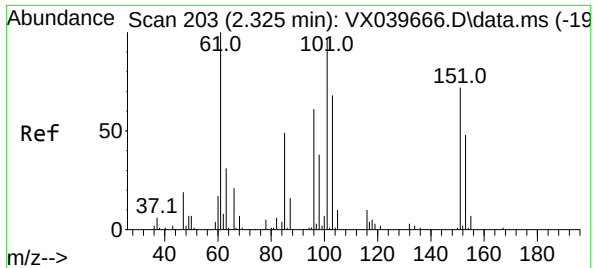


#8
Diethyl Ether
Concen: 61.267 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion: 74 Resp: 89785
Ion Ratio Lower Upper
74 100
45 102.3 20.5 184.5





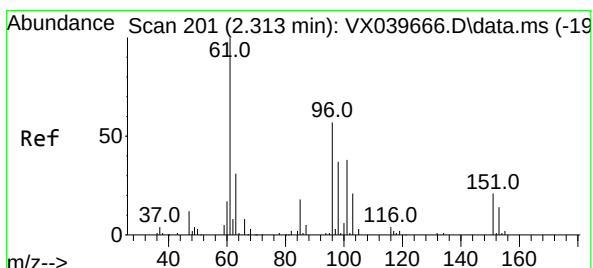
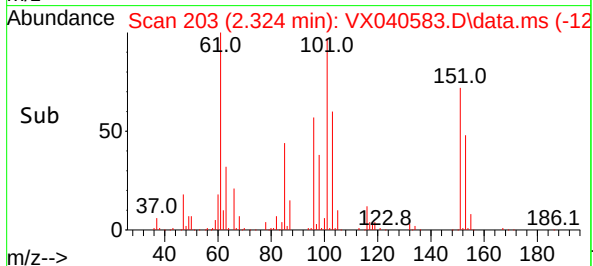
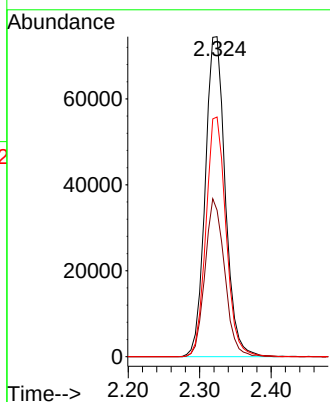
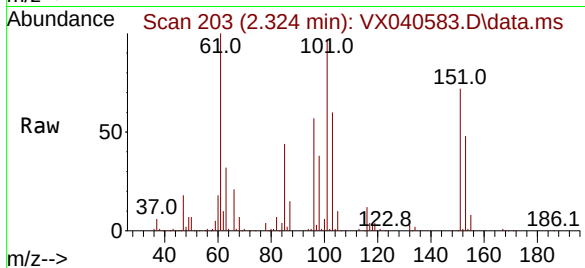
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1,1,2-Trichlorotrifluoroethane
Concen: 60.402 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 144900
Ion Ratio Lower Upper
101 100
85 48.3 0.0 95.2
151 74.9 0.0 136.8

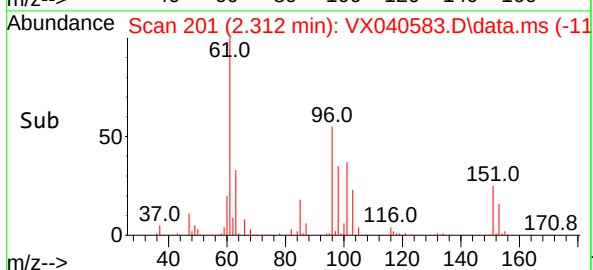
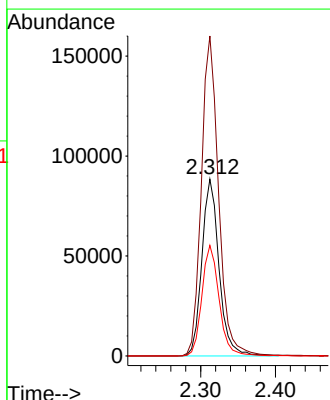
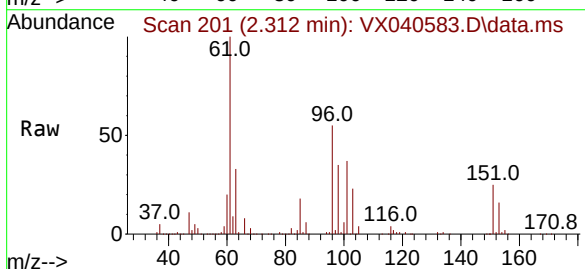
Manual Integrations
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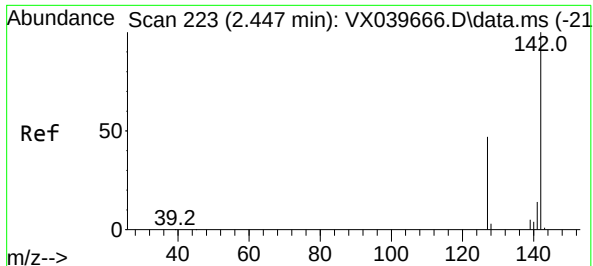
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#10
1,1-Dichloroethene
Concen: 61.558 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

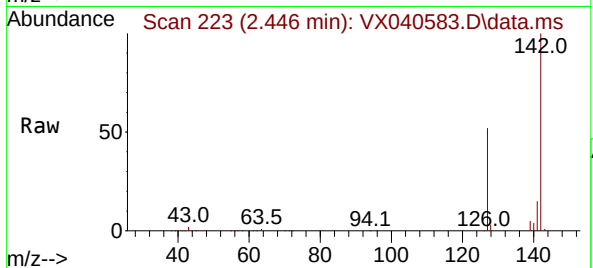
Tgt Ion: 96 Resp: 141494
Ion Ratio Lower Upper
96 100
61 181.1 138.3 207.5
98 62.6 49.8 74.6





#11
Methyl Iodide
Concen: 71.631 ug/l
RT: 2.446 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

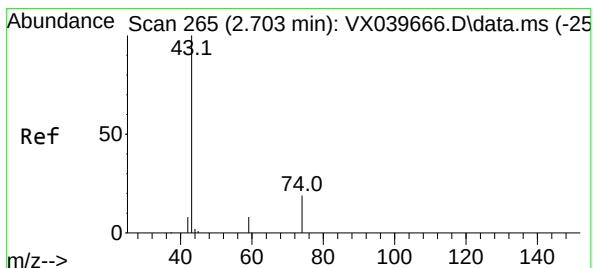
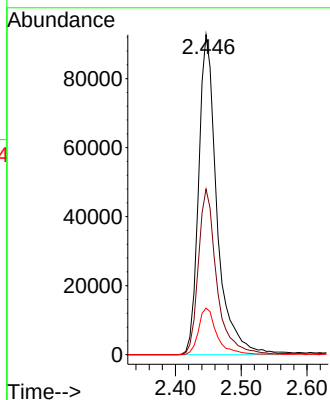
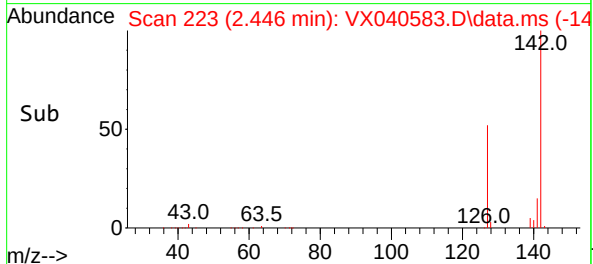
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 18042
Ion Ratio Lower Upper
142 100
127 51.8 23.8 71.4
141 14.5 6.9 20.6

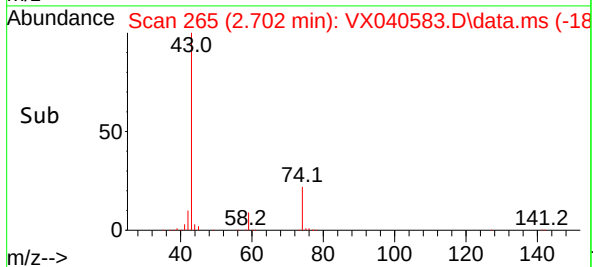
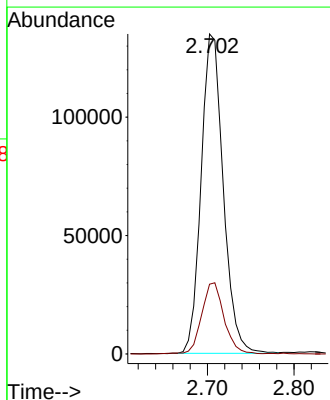
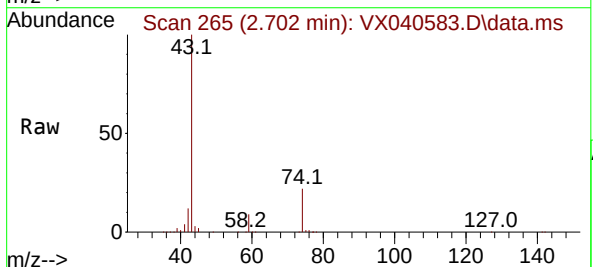
Manual Integrations
APPROVED

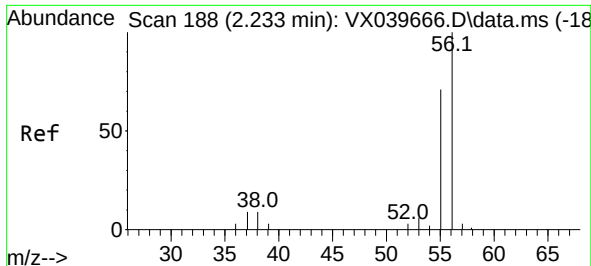
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#12
Methyl Acetate
Concen: 64.573 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

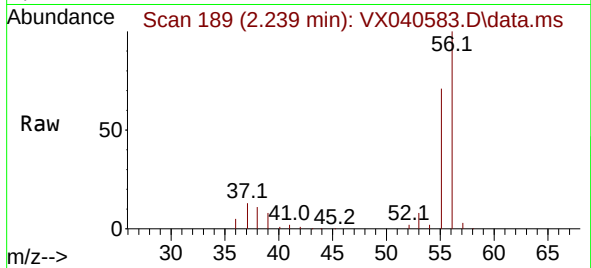
Tgt Ion: 43 Resp: 239042
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6





#13
Acrolein
Concen: 402.924 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

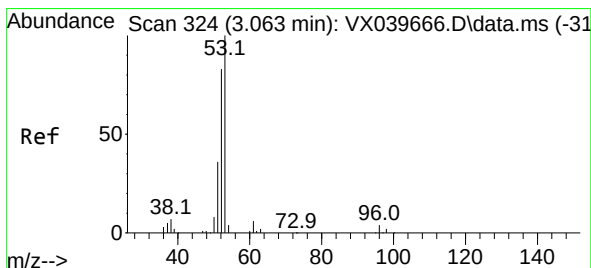
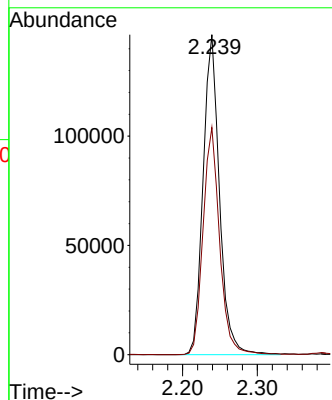
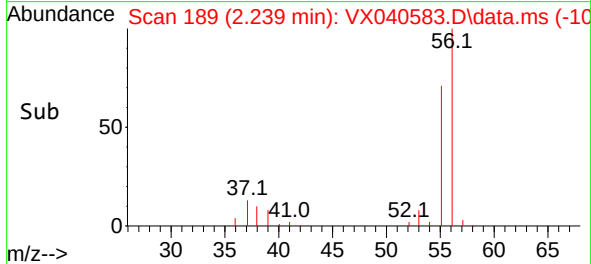
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 222549
Ion Ratio Lower Upper
56 100
55 72.0 57.2 85.8

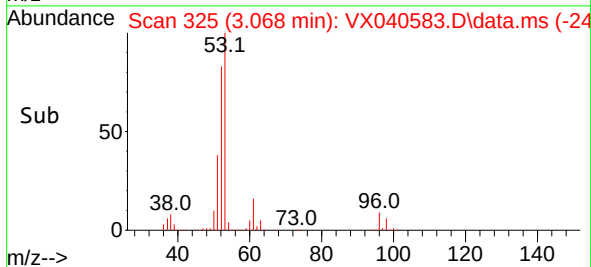
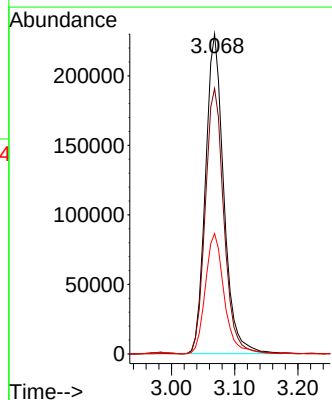
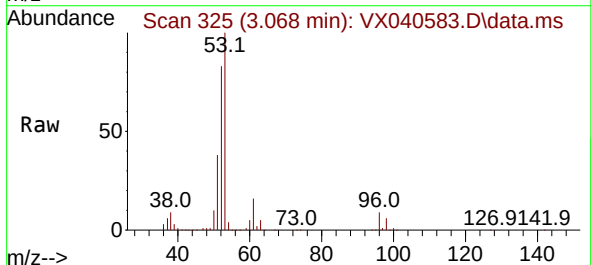
Manual Integrations
APPROVED

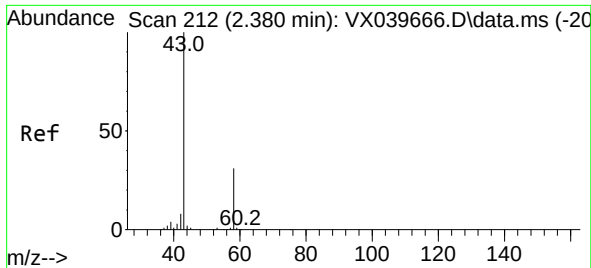
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#14
Acrylonitrile
Concen: 272.619 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

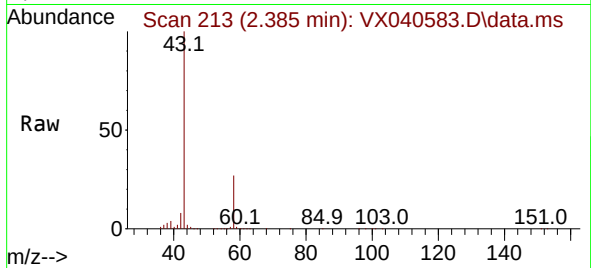
Tgt Ion: 53 Resp: 462809
Ion Ratio Lower Upper
53 100
52 85.0 41.9 125.6
51 39.1 18.3 54.9





#15
Acetone
Concen: 232.859 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

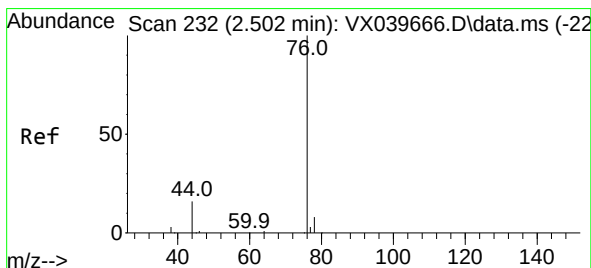
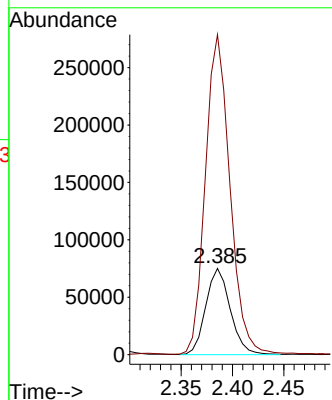
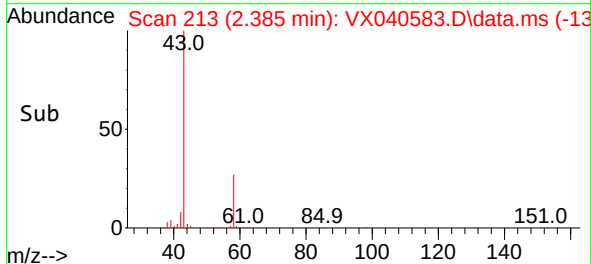
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



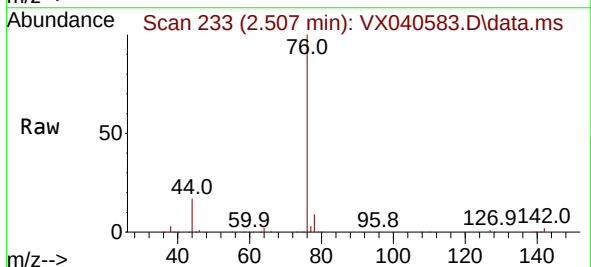
Tgt Ion: 58 Resp: 12469
Ion Ratio Lower Upper
58 100
43 371.0 249.9 374.9

Manual Integrations
APPROVED

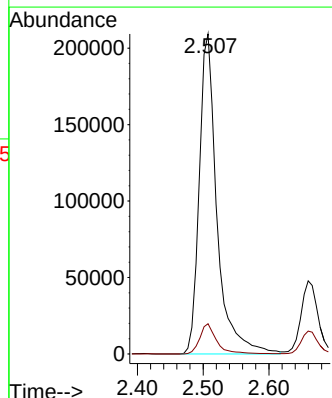
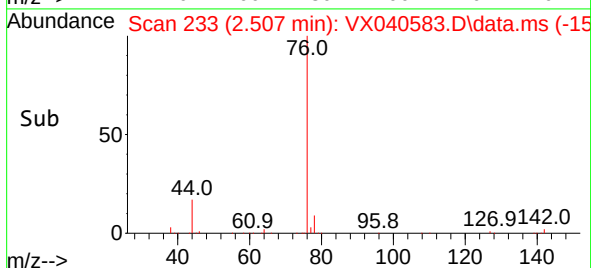
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

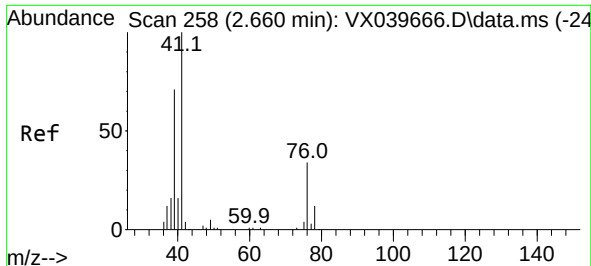


#16
Carbon Disulfide
Concen: 63.343 ug/l
RT: 2.507 min Scan# 233
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion: 76 Resp: 392530
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17
 Allyl chloride
 Concen: 57.833 ug/l
 RT: 2.660 min Scan# 258
 Delta R.T. -0.000 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

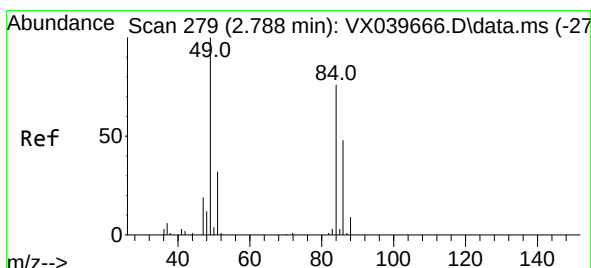
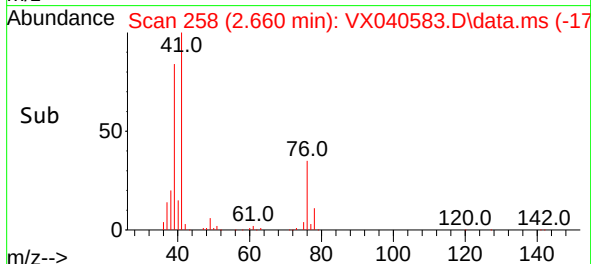
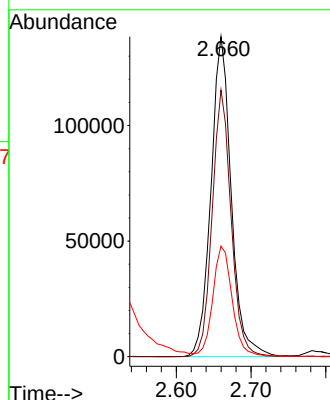
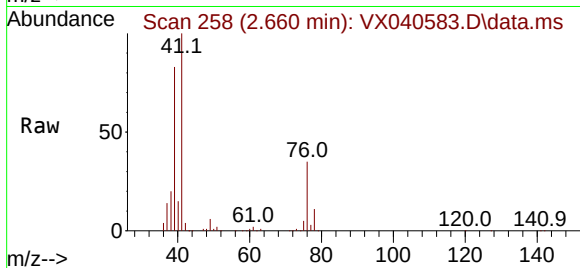
Tgt Ion: 41 Resp: 262130
 Ion Ratio Lower Upper
 41 100
 39 83.3 36.5 109.5
 76 34.4 19.7 59.0

Manual Integrations

APPROVED

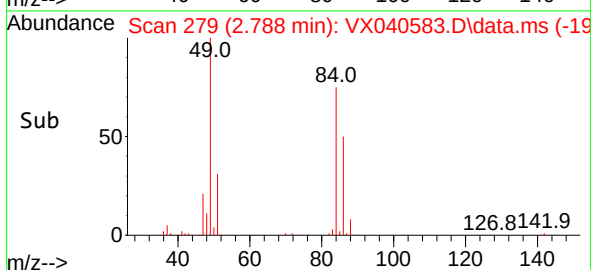
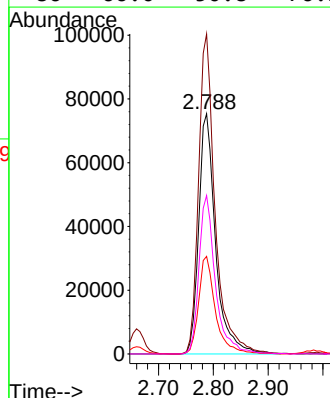
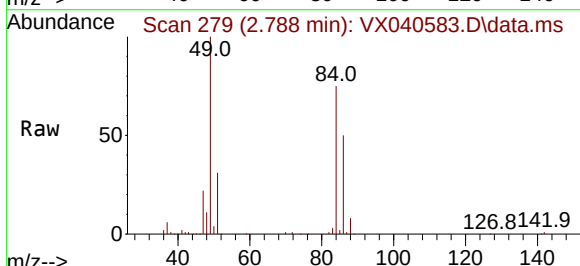
Reviewed By :John Carlone 03/05/2024

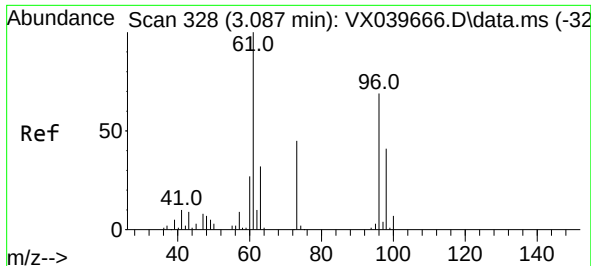
Supervised By :Mahesh Dadoda 03/06/2024



#18
 Methylene Chloride
 Concen: 60.272 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

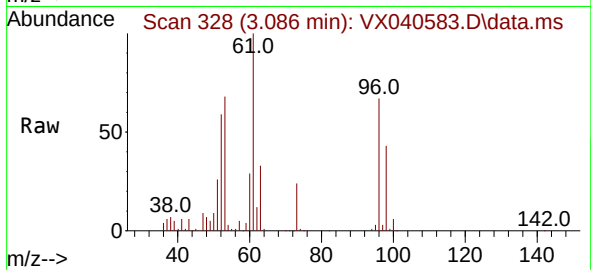
Tgt Ion: 84 Resp: 161948
 Ion Ratio Lower Upper
 84 100
 49 133.3 103.8 155.8
 51 40.7 31.8 47.6
 86 66.0 50.8 76.2





#19
trans-1,2-Dichloroethene
Concen: 63.350 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

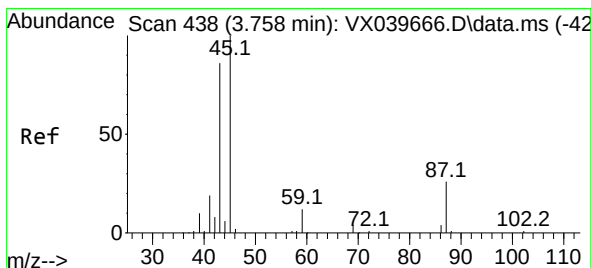
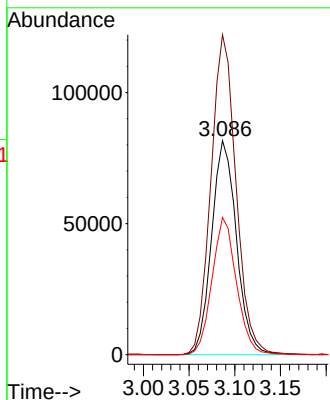
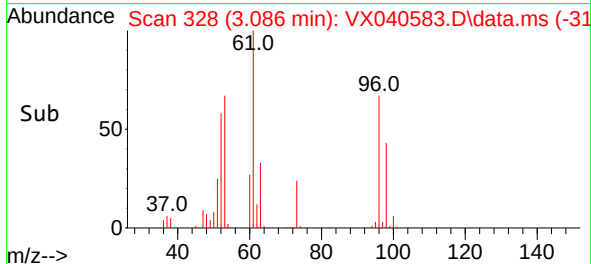
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



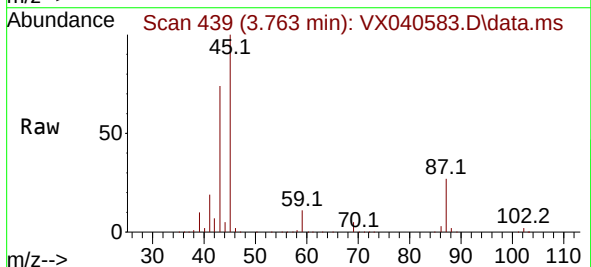
Tgt Ion: 96 Resp: 154509
Ion Ratio Lower Upper
96 100
61 149.5 117.9 176.9
98 64.1 51.0 76.6

Manual Integrations
APPROVED

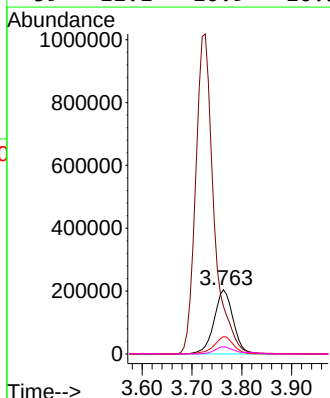
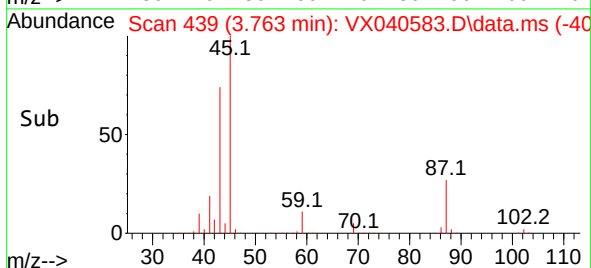
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

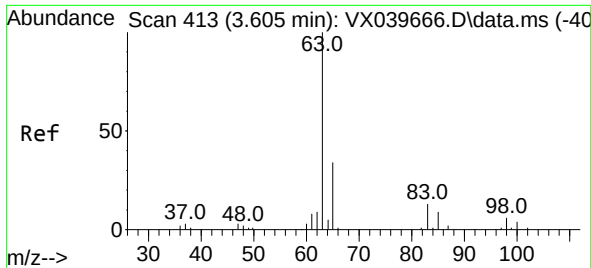


#20
Diisopropyl ether
Concen: 61.329 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion: 45 Resp: 542588
Ion Ratio Lower Upper
45 100
43 73.6 67.7 101.5
87 27.0 21.5 32.3
59 11.1 10.9 16.3





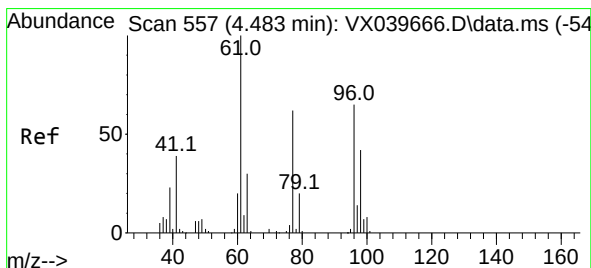
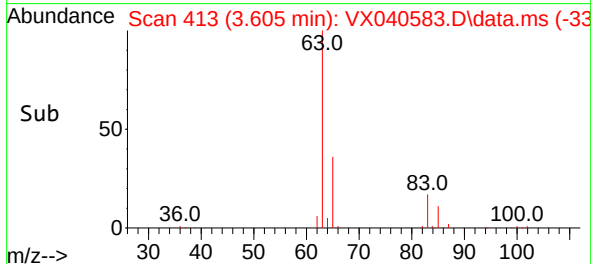
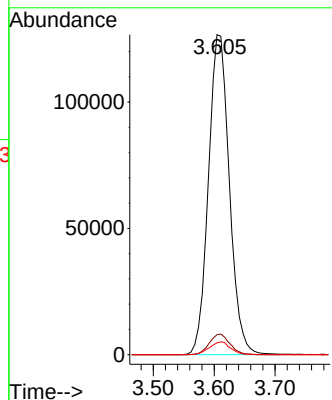
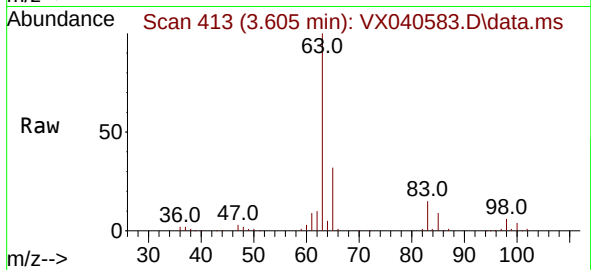
#21
1,1-Dichloroethane
Concen: 61.257 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 302590
Ion Ratio Lower Upper
63 100
98 6.3 2.9 8.8
100 3.7 2.0 5.8

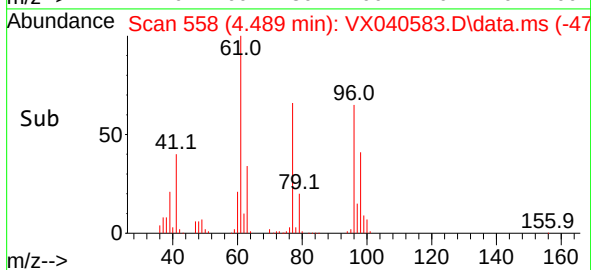
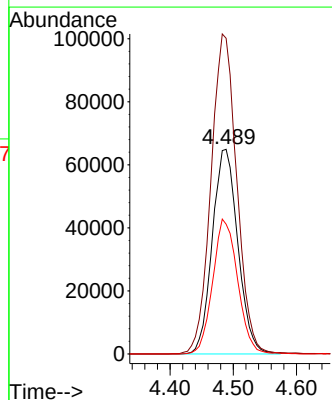
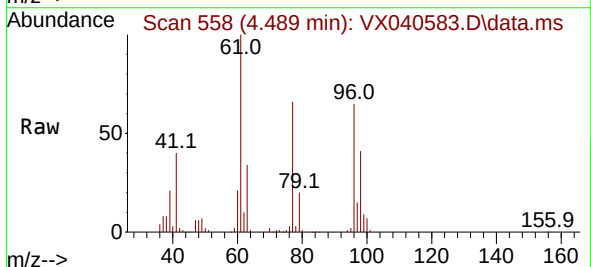
Manual Integrations
APPROVED

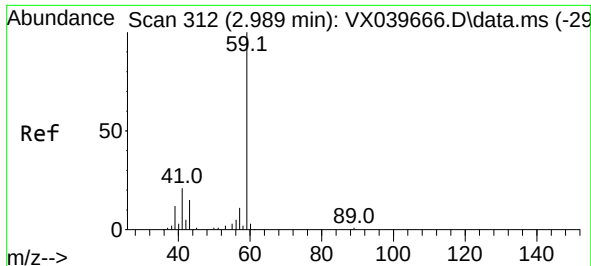
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#22
cis-1,2-Dichloroethene
Concen: 63.880 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

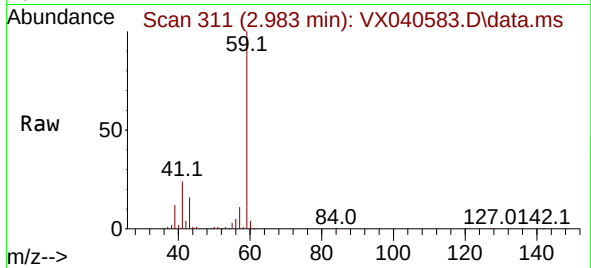
Tgt Ion: 96 Resp: 182119
Ion Ratio Lower Upper
96 100
61 157.9 119.8 179.6
98 64.1 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 289.331 ug/l
RT: 2.983 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

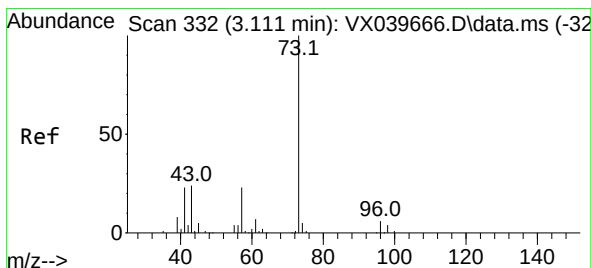
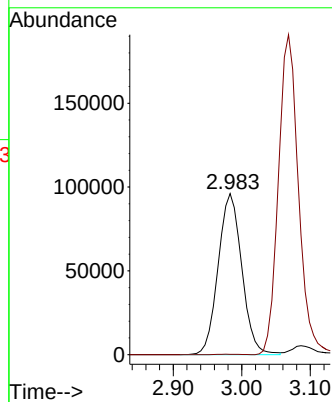
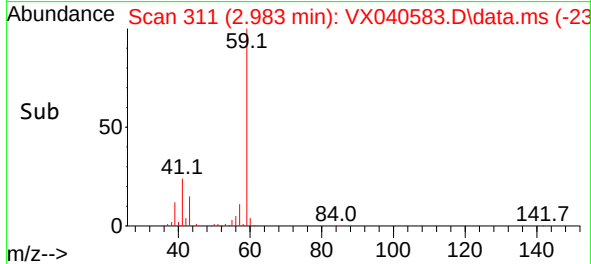
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 230088
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

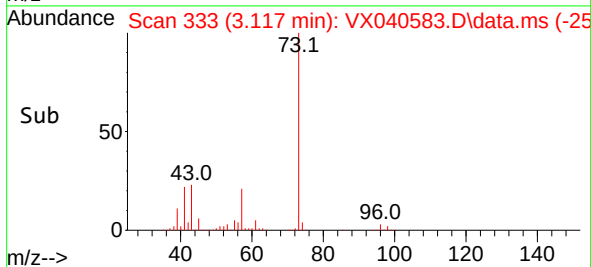
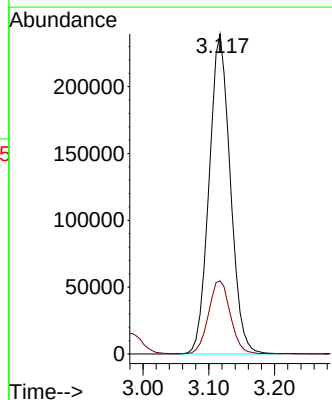
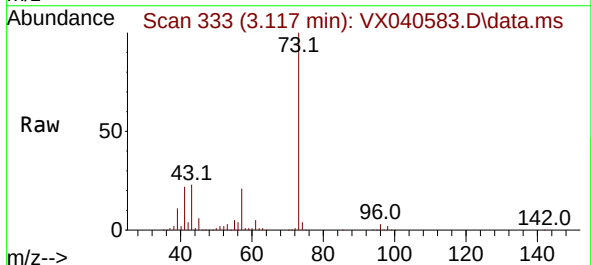
Manual Integrations
APPROVED

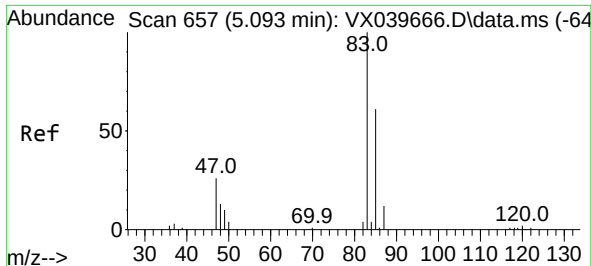
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#24
Methyl tert-Butyl Ether
Concen: 63.722 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

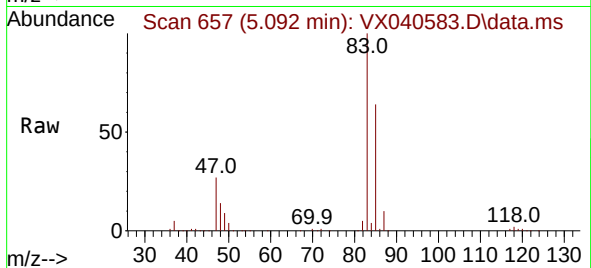
Tgt Ion: 73 Resp: 536842
Ion Ratio Lower Upper
73 100
43 23.3 17.0 25.6





#25
Chloroform
Concen: 68.720 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

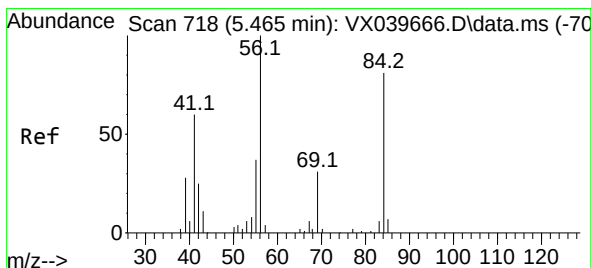
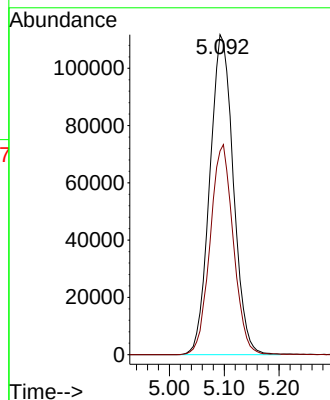
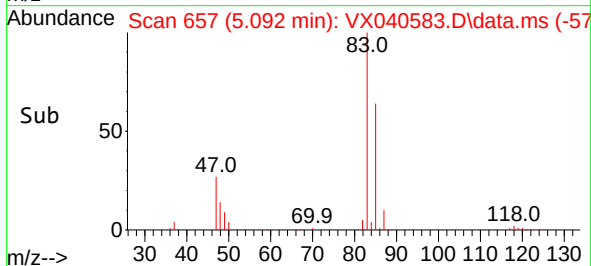
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 333152
Ion Ratio Lower Upper
83 100
85 63.6 54.6 81.8

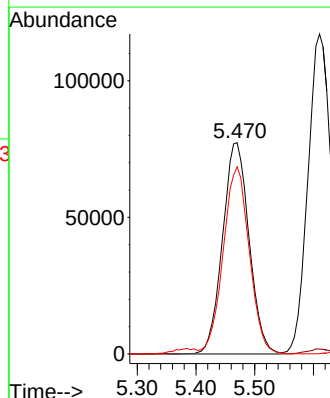
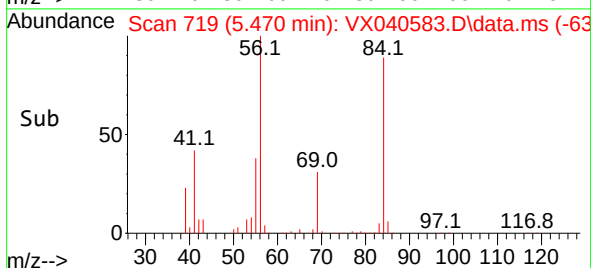
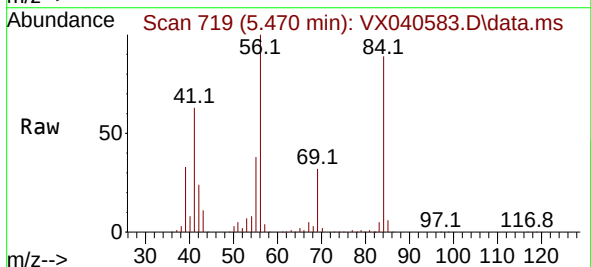
Manual Integrations
APPROVED

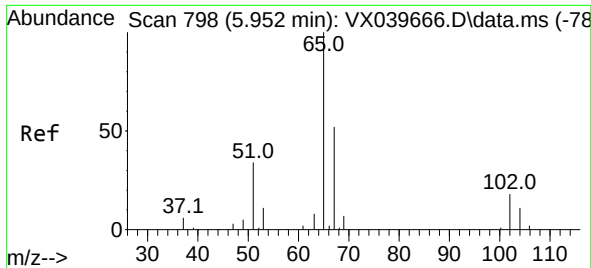
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#26
Cyclohexane
Concen: 56.557 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 56 Resp: 242363
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.2 67.2 100.8





#27
 1,2-Dichloroethane-d4
 Concen: 20.060 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

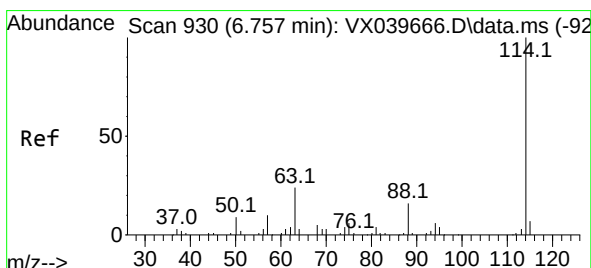
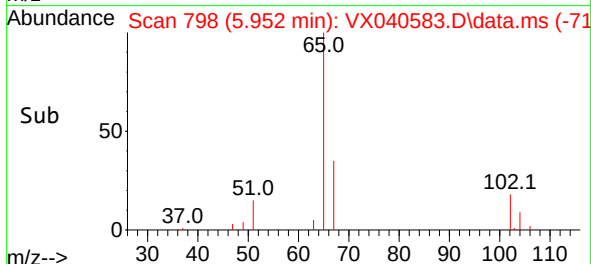
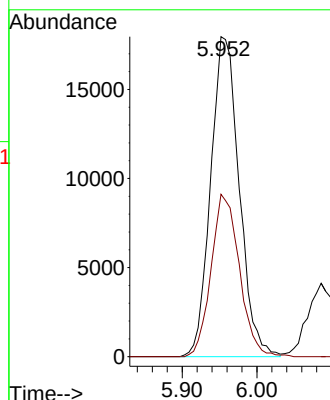
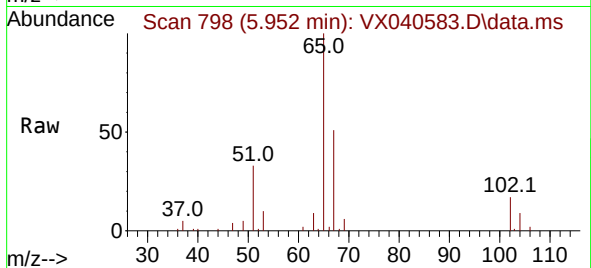
VSTDIC150

Tgt Ion: 65 Resp: 47615
 Ion Ratio Lower Upper
 65 100
 67 50.2 42.5 63.7

Manual Integrations

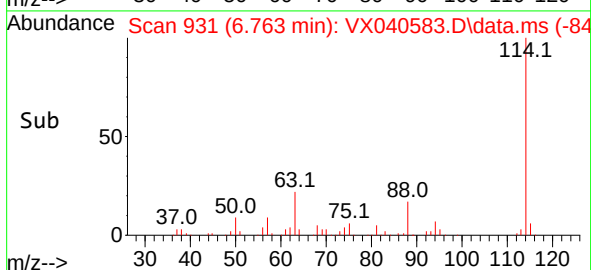
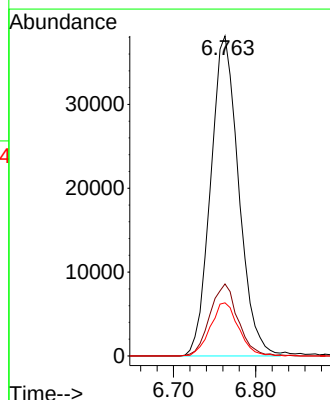
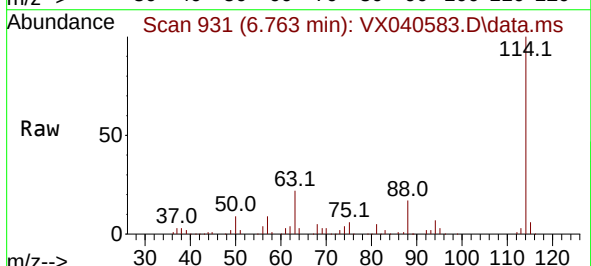
APPROVED

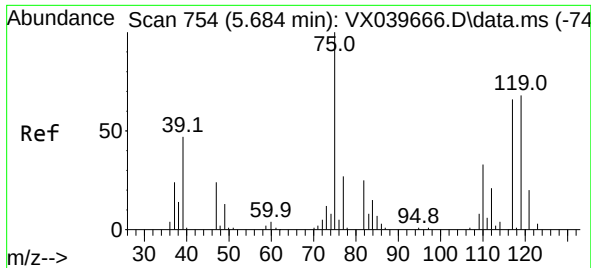
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

Tgt Ion:114 Resp: 90491
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.0 25.4
 88 16.7 12.7 19.1





#29

1,1-Dichloropropene

Concen: 91.110 ug/l

RT: 5.690 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 23659

Ion Ratio Lower Upper

75 100

110 33.3 0.0 71.2

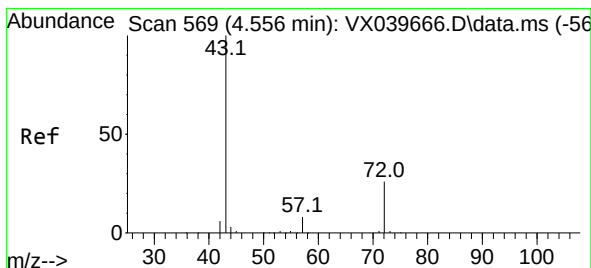
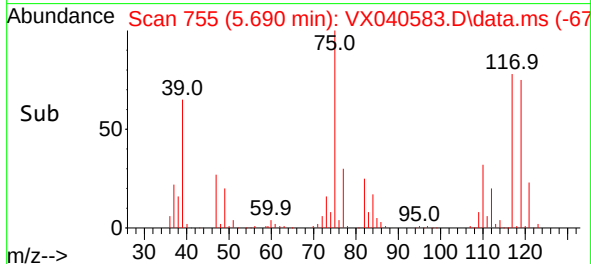
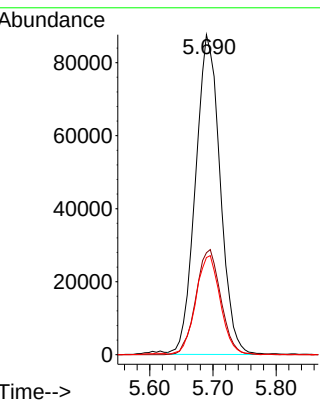
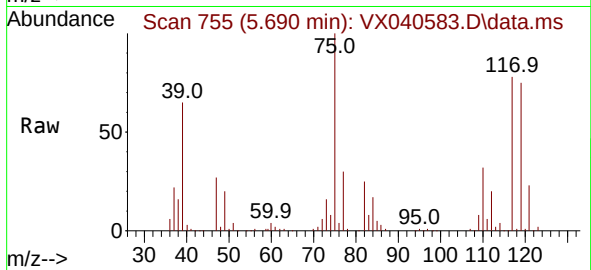
77 31.1 0.0 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#30

2-Butanone

Concen: 384.709 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

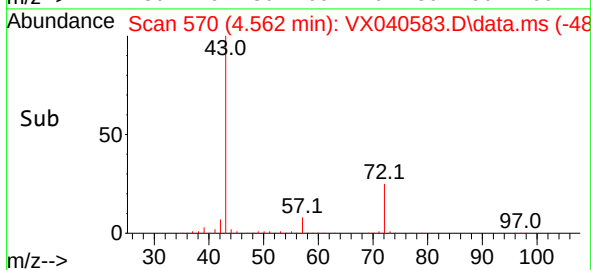
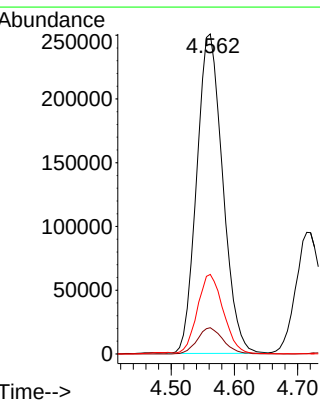
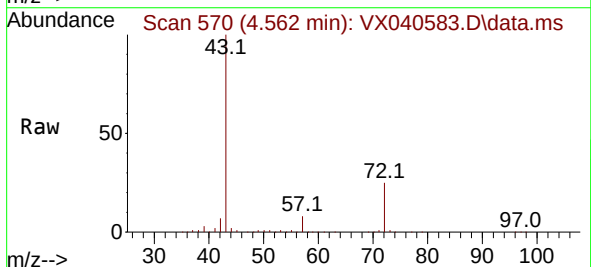
Tgt Ion: 43 Resp: 716523

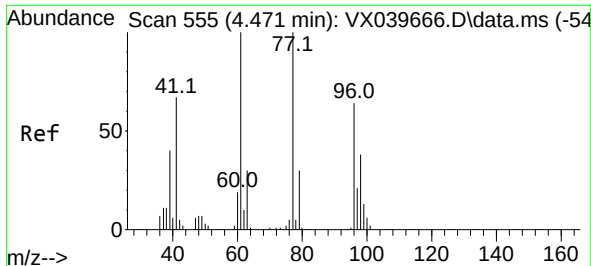
Ion Ratio Lower Upper

43 100

57 8.2 6.6 10.0

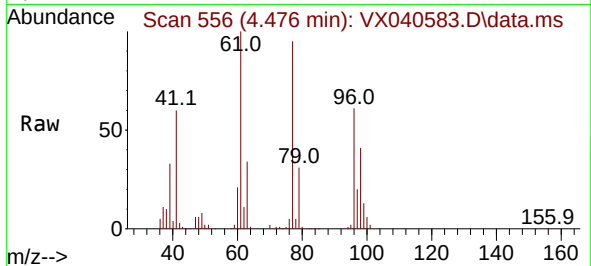
72 24.8 20.6 31.0





#31
2,2-Dichloropropane
Concen: 91.118 ug/l
RT: 4.476 min Scan# 51
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

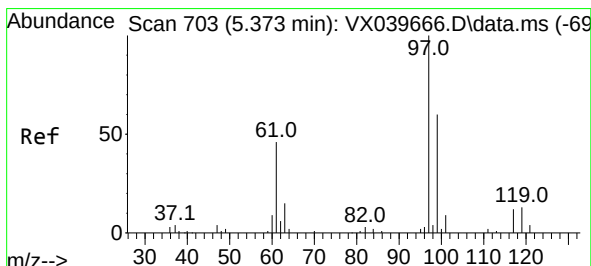
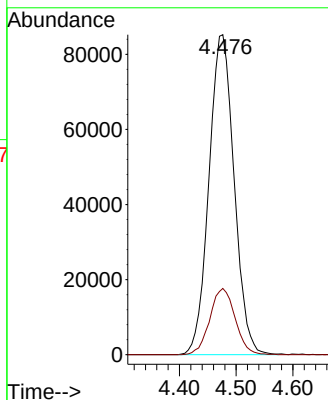
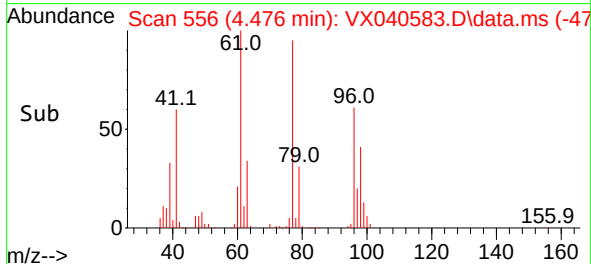
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



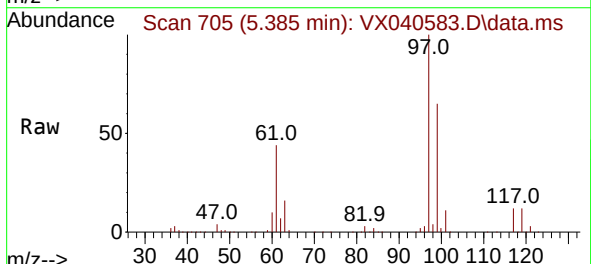
Tgt Ion: 77 Resp: 26307
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4

Manual Integrations
APPROVED

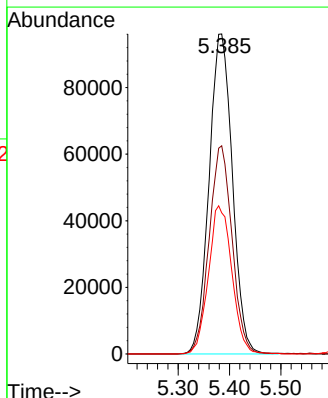
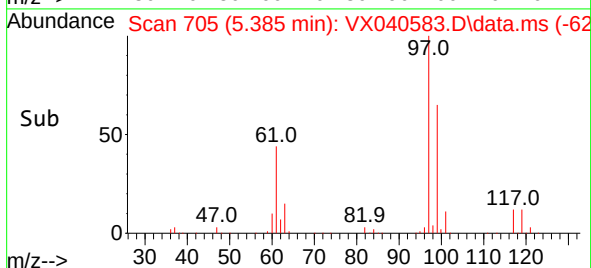
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

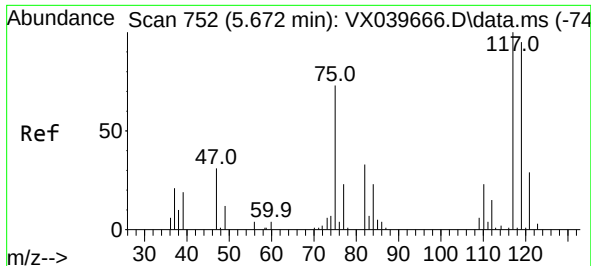


#32
1,1,1-Trichloroethane
Concen: 100.865 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



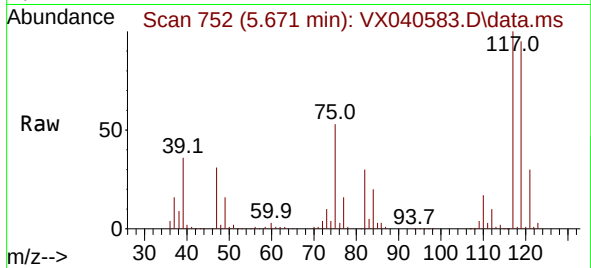
Tgt Ion: 97 Resp: 302729
Ion Ratio Lower Upper
97 100
99 64.0 52.6 79.0
61 46.5 36.9 55.3





#33
Carbon Tetrachloride
Concen: 108.686 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

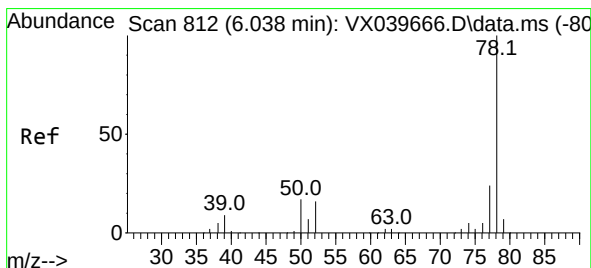
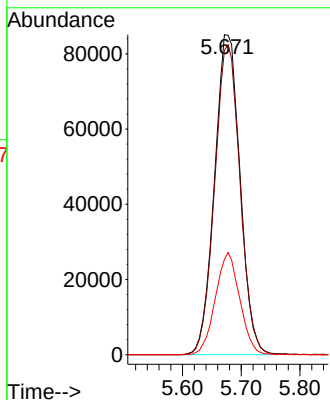
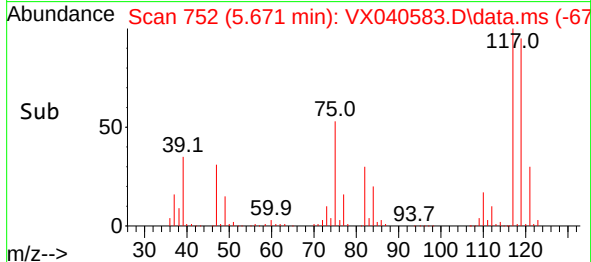
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



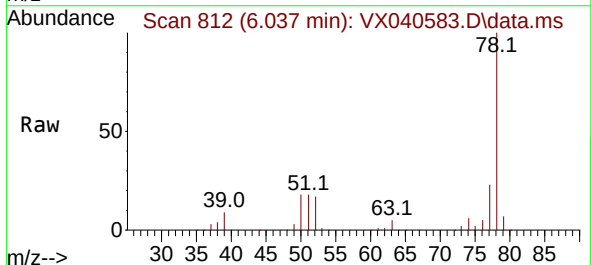
Tgt Ion:117 Resp: 257150
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.4
121 29.8 24.7 37.1

Manual Integrations
APPROVED

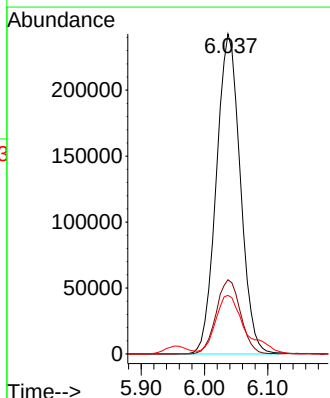
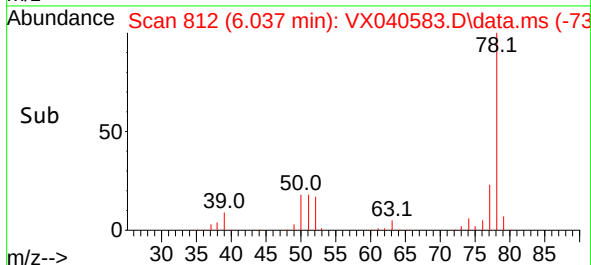
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

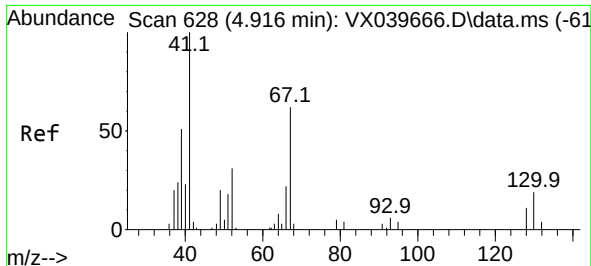


#34
Benzene
Concen: 82.670 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



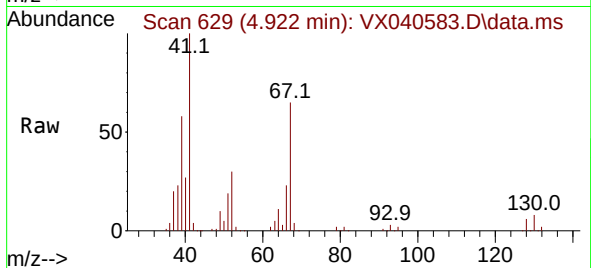
Tgt Ion: 78 Resp: 636848
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9
51 17.4 14.4 21.6





#35
Methacrylonitrile
Concen: 84.874 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

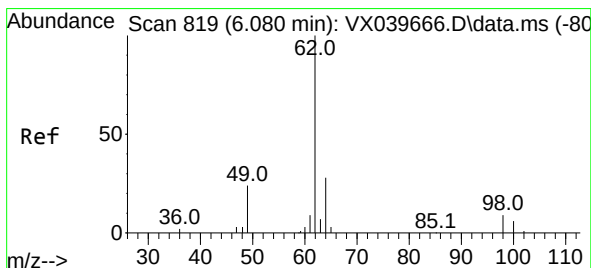
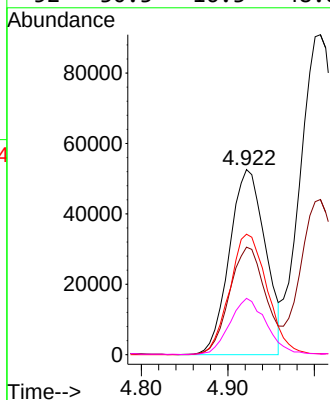
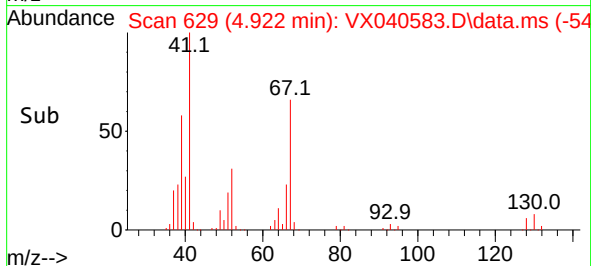
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



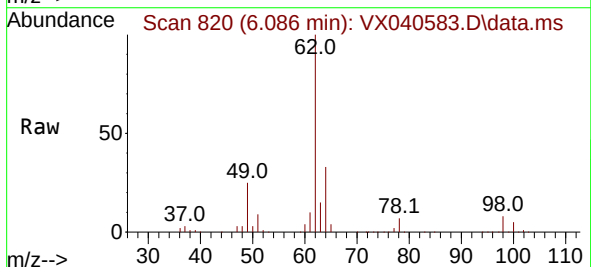
Tgt Ion: 41 Resp: 15210
Ion Ratio Lower Upper
41 100
39 58.0 28.2 84.7
67 65.1 34.5 103.5
52 30.3 16.3 48.8

Manual Integrations
APPROVED

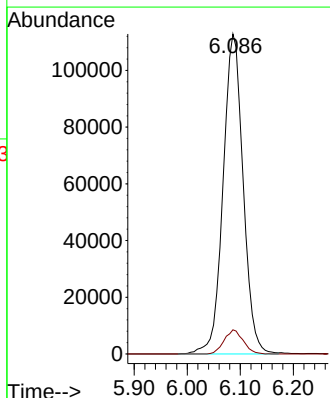
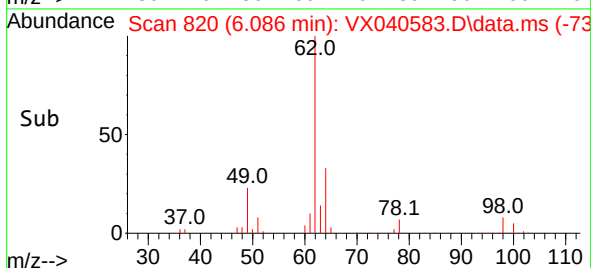
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

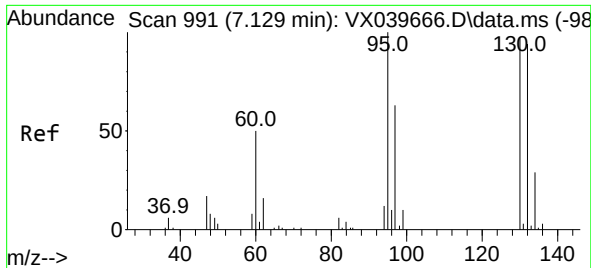


#36
1,2-Dichloroethane
Concen: 98.172 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



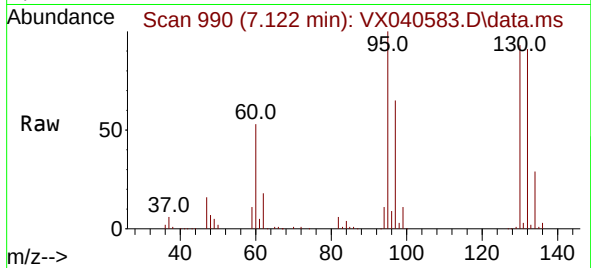
Tgt Ion: 62 Resp: 296560
Ion Ratio Lower Upper
62 100
98 7.1 7.0 10.4





#37
Trichloroethene
Concen: 93.911 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.007 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

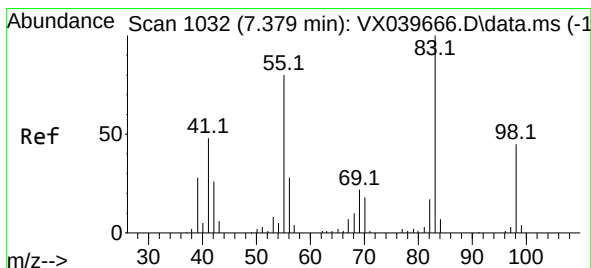
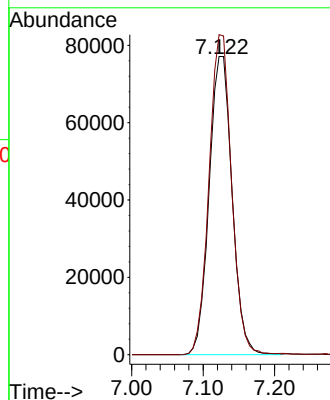
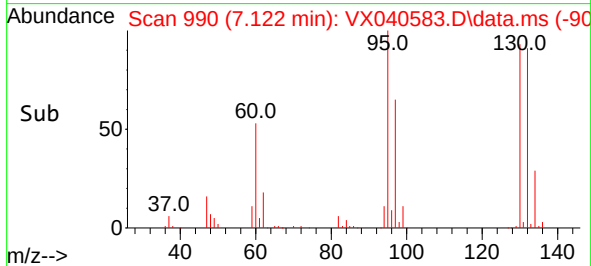
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:130 Resp: 17188
Ion Ratio Lower Upper
130 100
95 107.3 85.8 128.8

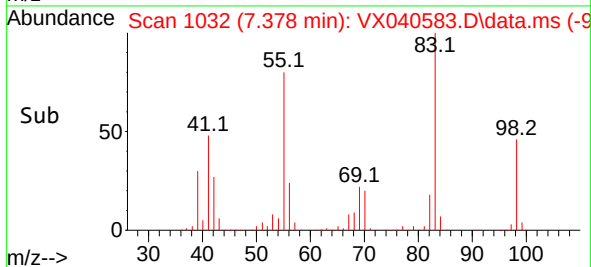
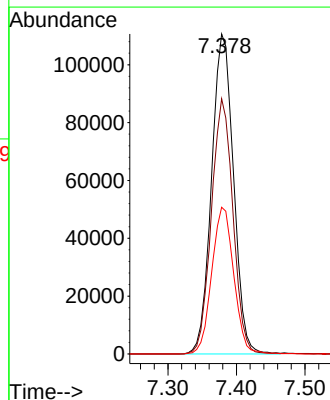
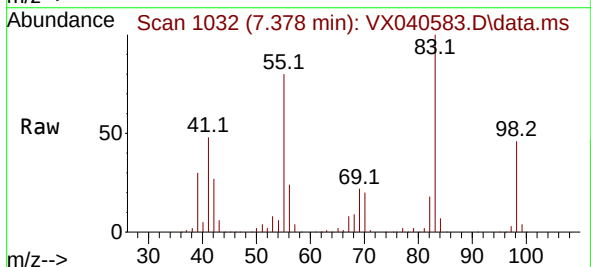
Manual Integrations
APPROVED

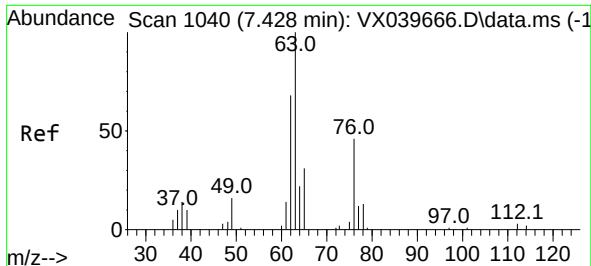
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#38
Methylcyclohexane
Concen: 77.573 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 83 Resp: 246462
Ion Ratio Lower Upper
83 100
55 78.1 38.6 116.0
98 45.8 22.3 66.8





#39

1,2-Dichloropropane

Concen: 75.472 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 156654

Ion Ratio Lower Upper

63 100

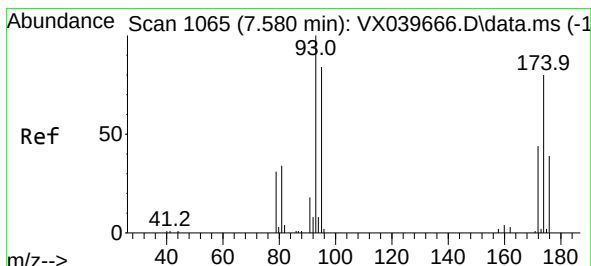
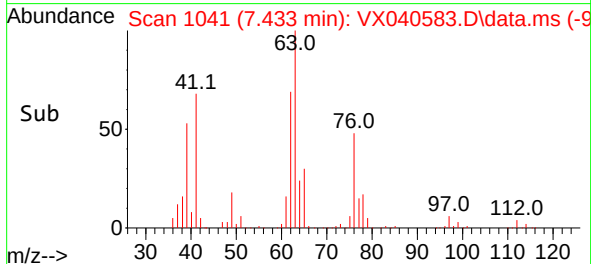
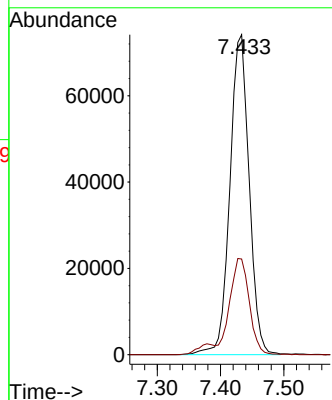
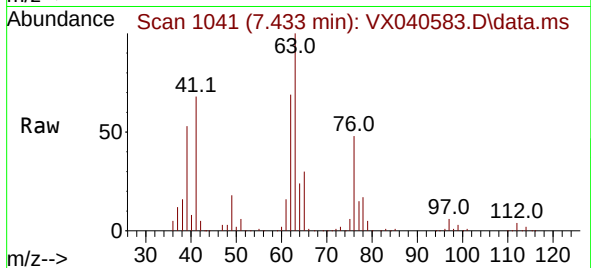
65 29.8 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#40

Dibromomethane

Concen: 88.012 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

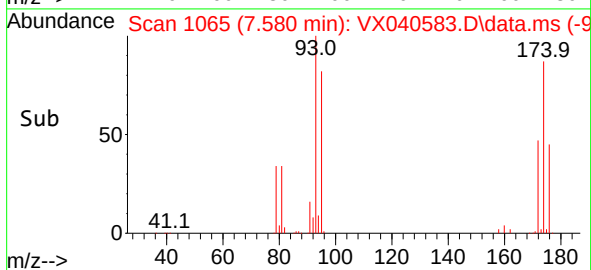
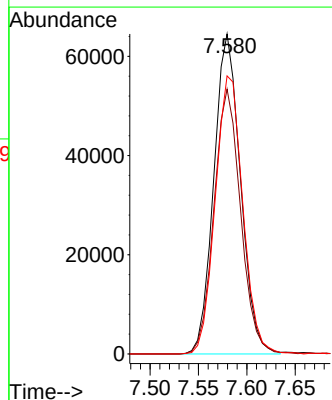
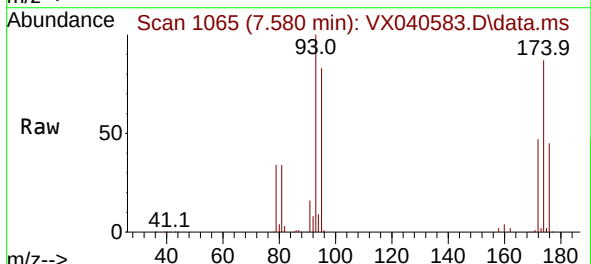
Tgt Ion: 93 Resp: 123397

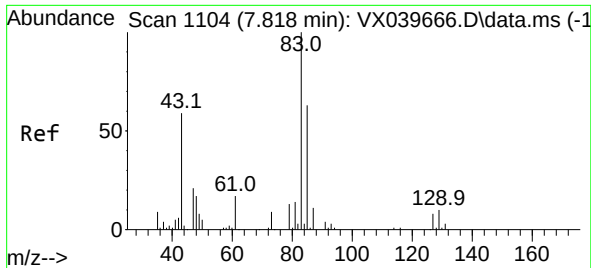
Ion Ratio Lower Upper

93 100

95 82.7 0.0 163.4

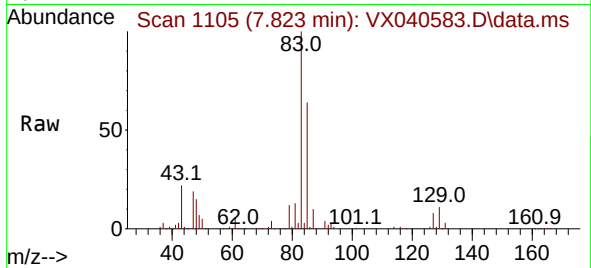
174 89.6 0.0 166.4





#41
Bromodichloromethane
Concen: 97.471 ug/l
RT: 7.823 min Scan# 1104
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

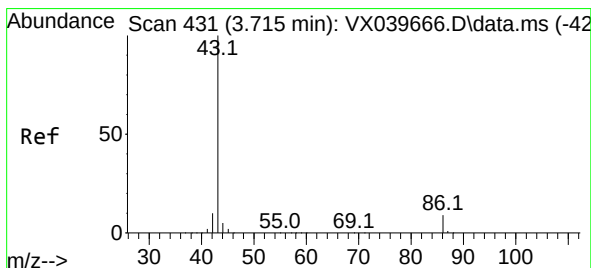
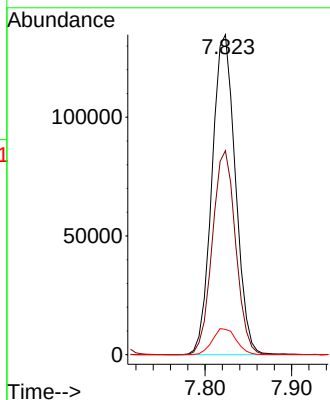
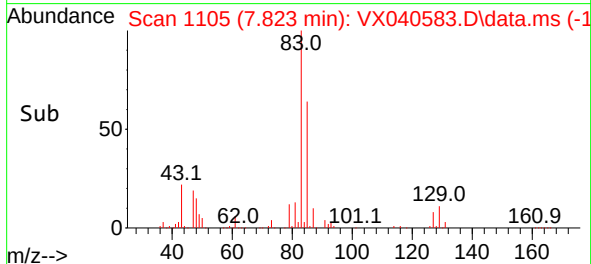
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 253239
Ion Ratio Lower Upper
83 100
85 63.7 50.8 76.2
127 7.9 5.9 8.9

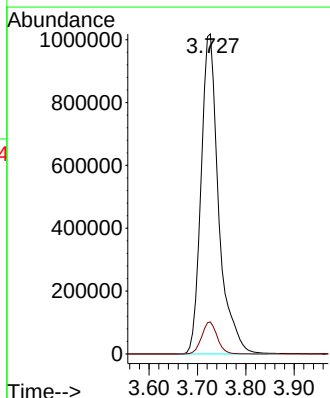
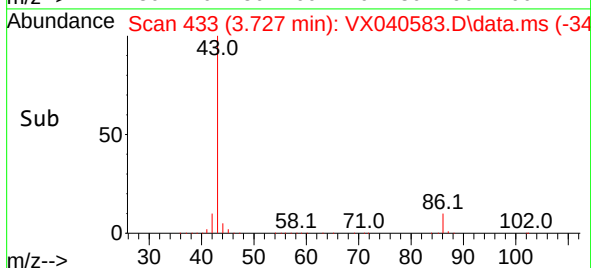
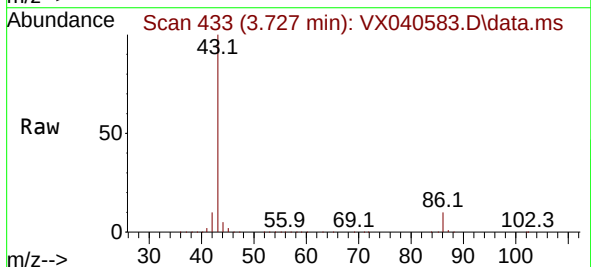
Manual Integrations
APPROVED

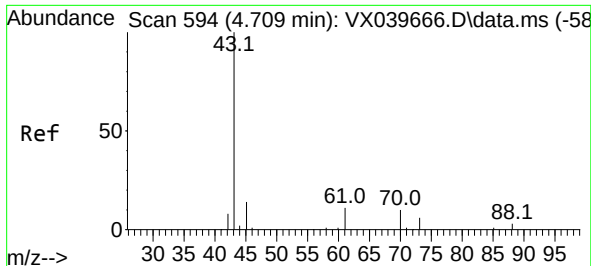
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#42
Vinyl Acetate
Concen: 418.206 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.012 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

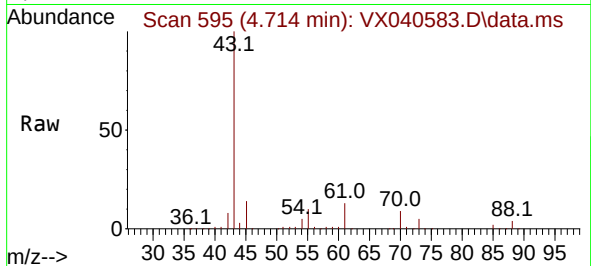
Tgt Ion: 43 Resp: 2575374
Ion Ratio Lower Upper
43 100
86 8.8 6.7 10.1





#43
Ethyl Acetate
Concen: 78.518 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

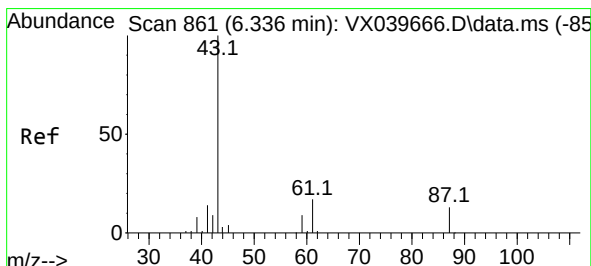
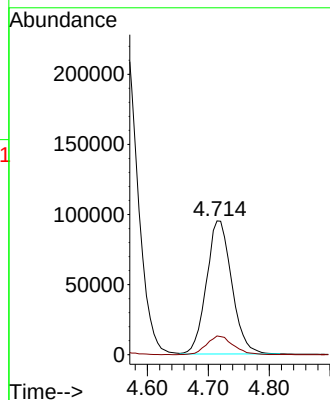
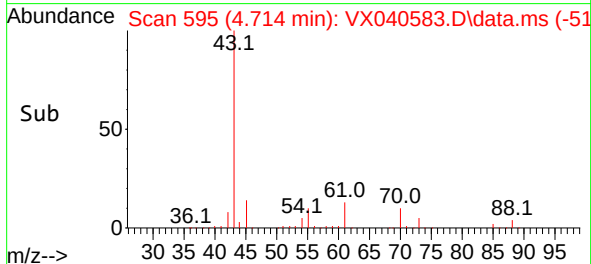
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 274108
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.8

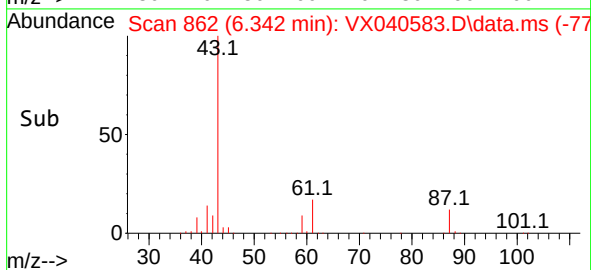
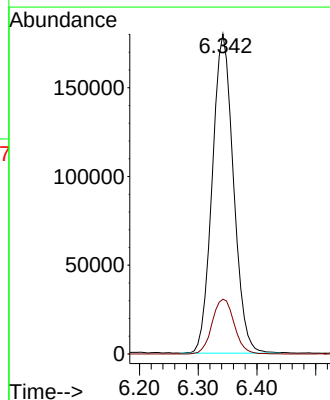
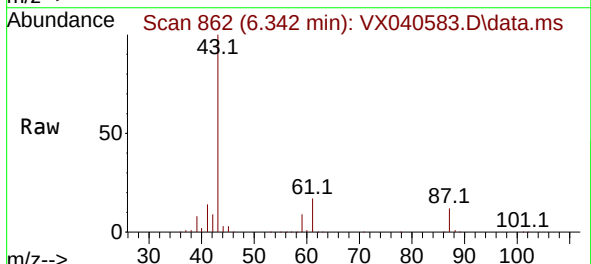
Manual Integrations
APPROVED

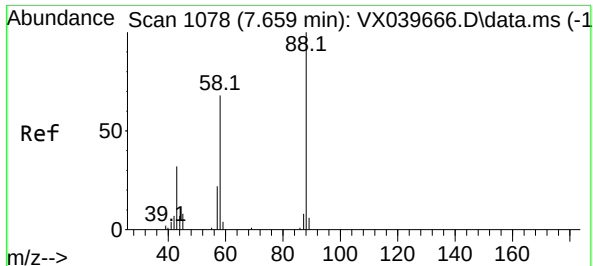
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#44
Isopropyl Acetate
Concen: 83.576 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

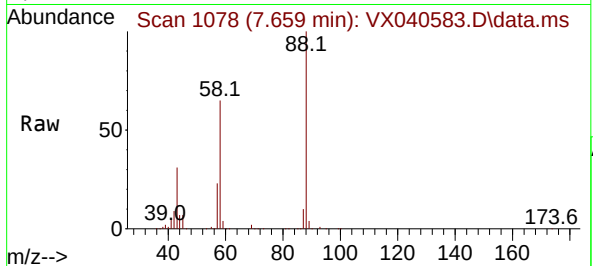
Tgt Ion: 43 Resp: 451041
Ion Ratio Lower Upper
43 100
61 17.8 15.6 23.4





#45
1,4-Dioxane
Concen: 1665.217 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

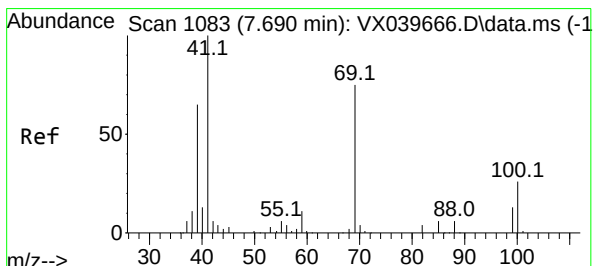
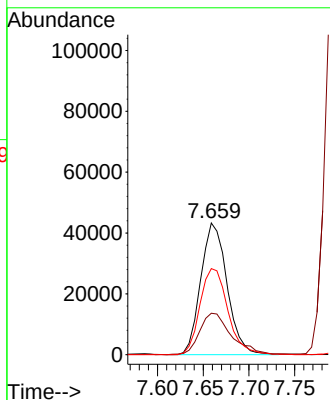
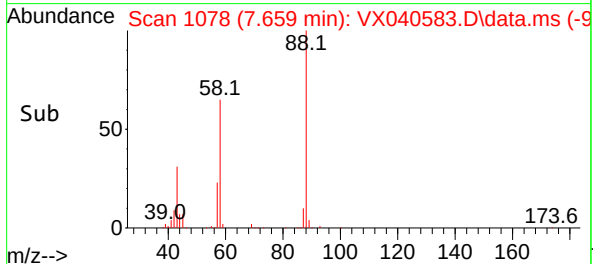
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 8664
Ion Ratio Lower Upper
88 100
43 37.9 28.1 42.1
58 69.0 57.7 86.5

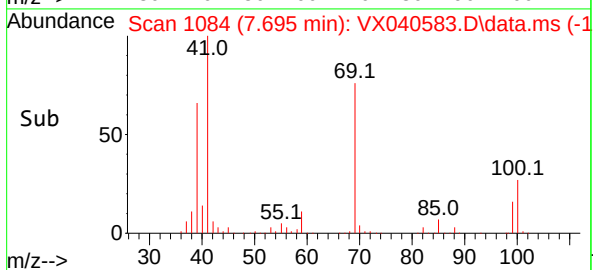
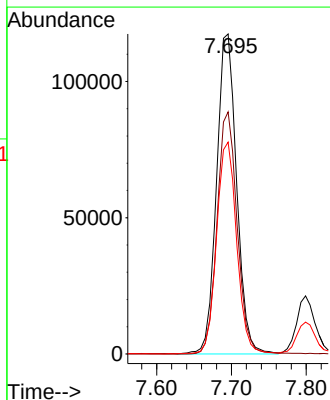
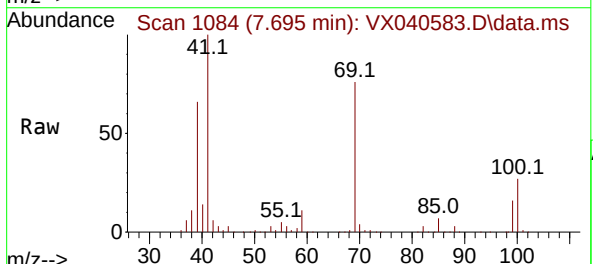
Manual Integrations
APPROVED

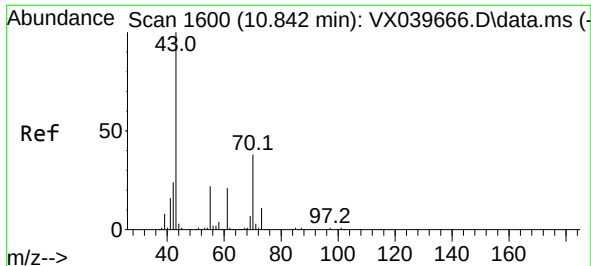
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#46
Methyl methacrylate
Concen: 84.813 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

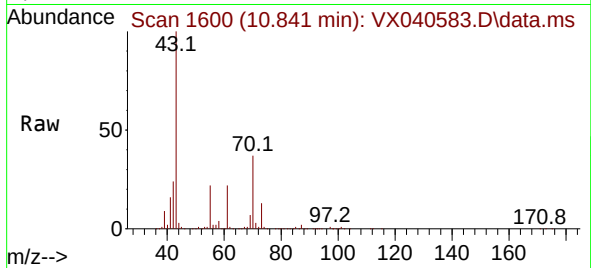
Tgt Ion: 41 Resp: 219827
Ion Ratio Lower Upper
41 100
69 75.6 39.6 118.8
39 66.1 30.1 90.3





#47
n-amy1 Acetate
Concen: 85.663 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

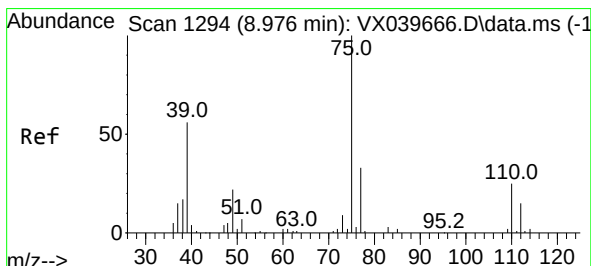
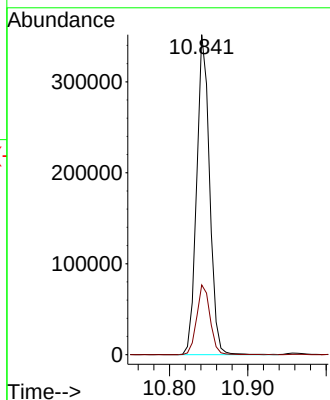
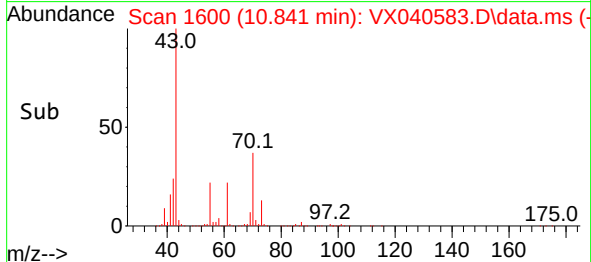
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 403742
Ion Ratio Lower Upper
43 100
55 22.4 18.2 27.2

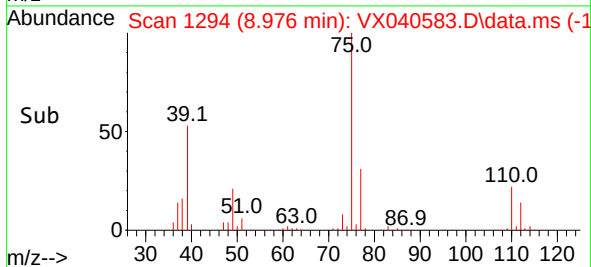
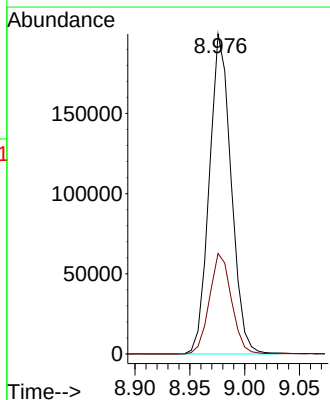
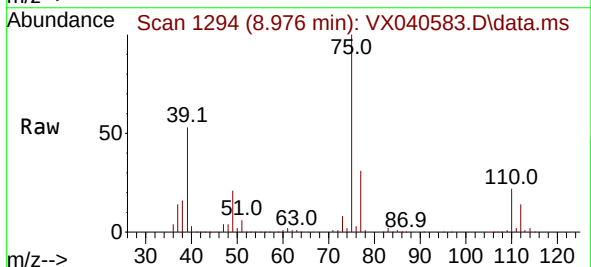
Manual Integrations
APPROVED

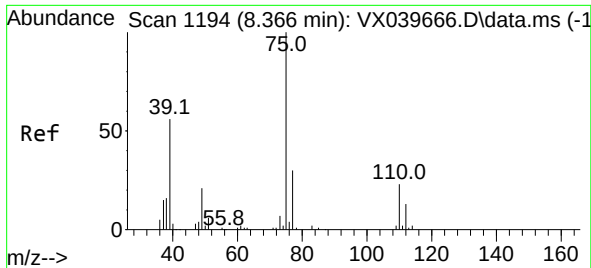
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#48
t-1,3-Dichloropropene
Concen: 99.024 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 75 Resp: 276895
Ion Ratio Lower Upper
75 100
77 31.4 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 89.540 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 27420

Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

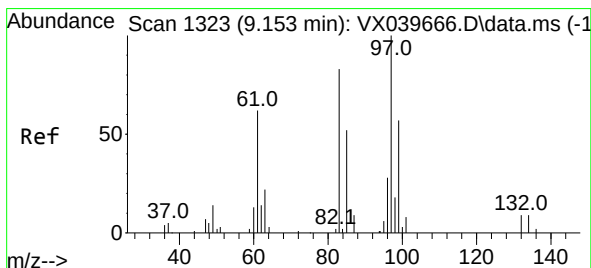
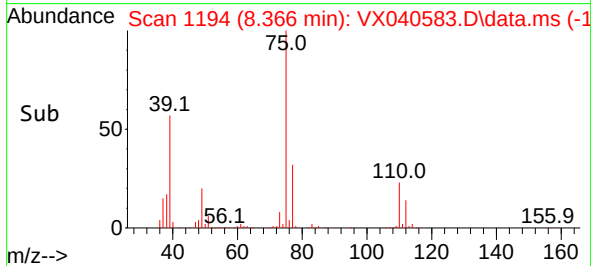
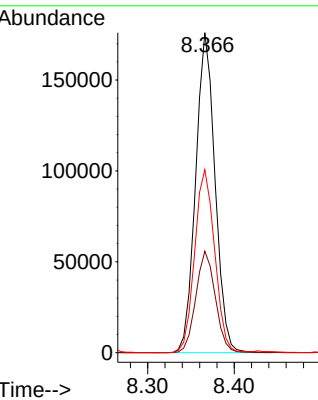
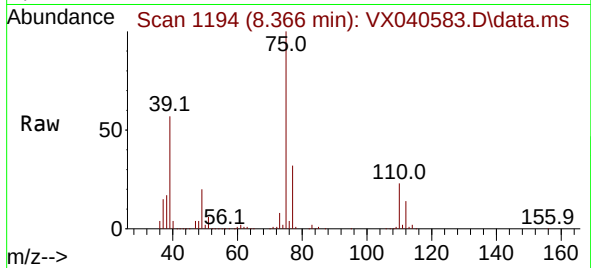
39 57.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#50

1,1,2-Trichloroethane

Concen: 85.884 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.001 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Tgt Ion: 97 Resp: 165061

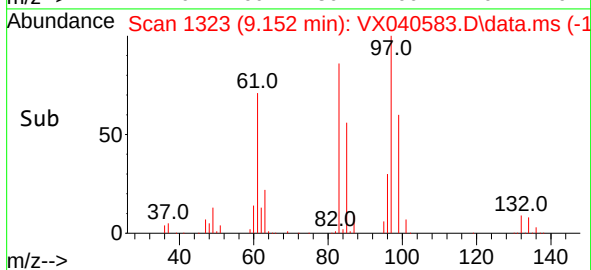
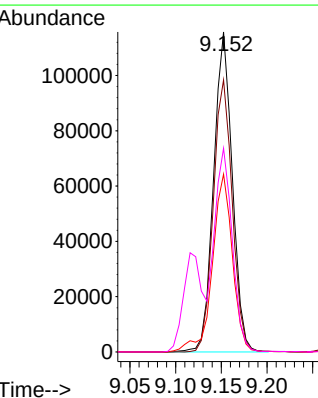
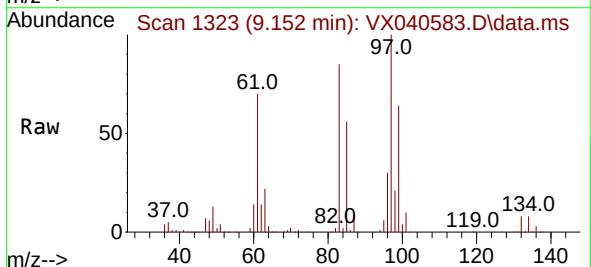
Ion Ratio Lower Upper

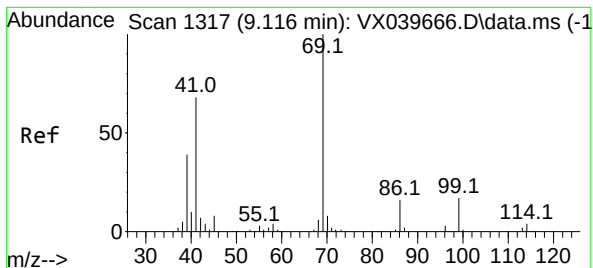
97 100

83 85.0 69.0 103.6

85 55.5 46.3 69.5

99 63.4 50.9 76.3





#51

Ethyl methacrylate

Concen: 84.877 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 69 Resp: 27249

Ion Ratio Lower Upper

69 100

41 74.9 36.2 108.6

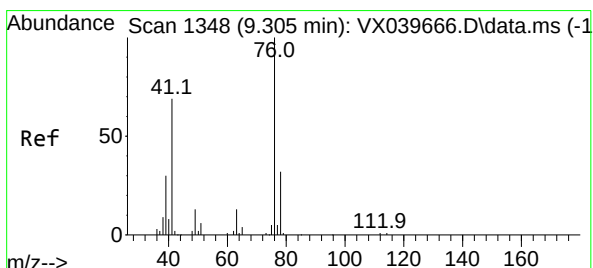
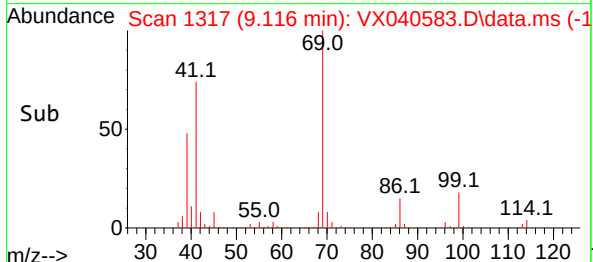
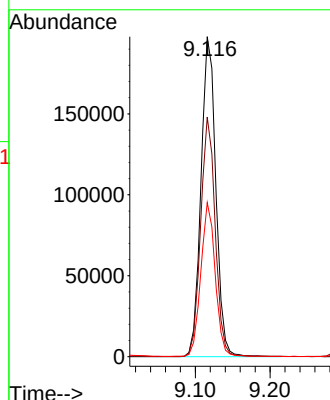
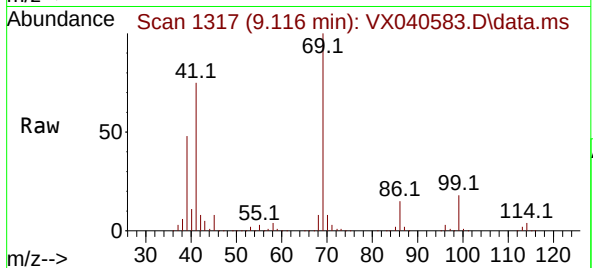
39 48.0 21.1 63.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#52

1,3-Dichloropropane

Concen: 82.341 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VX040583.D

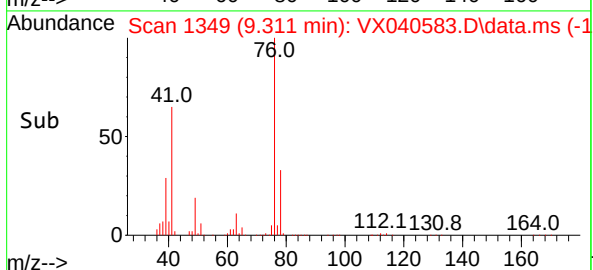
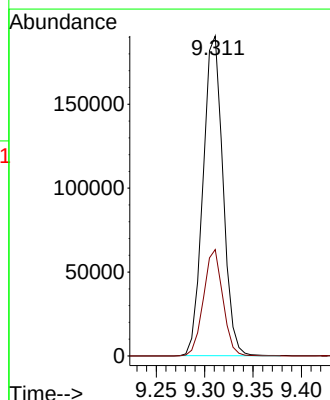
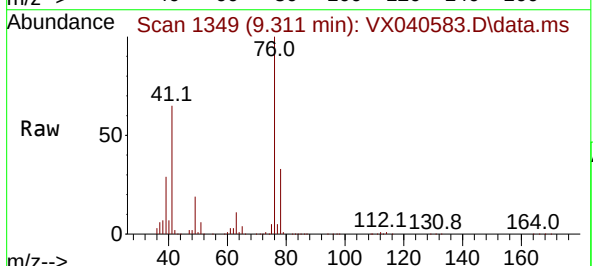
Acq: 05 Mar 2024 12:30

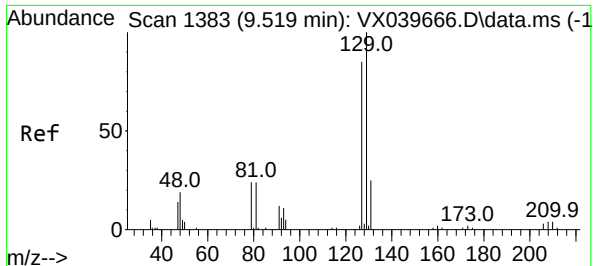
Tgt Ion: 76 Resp: 273084

Ion Ratio Lower Upper

76 100

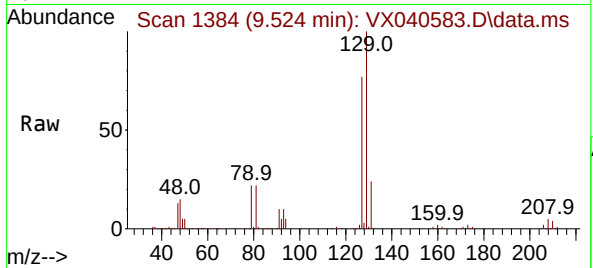
78 32.5 0.0 65.0





#53
Dibromochloromethane
Concen: 107.788 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

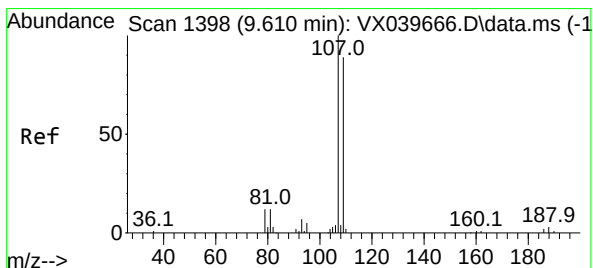
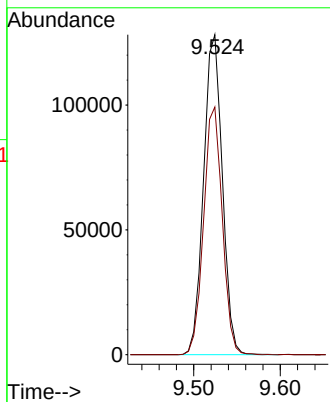
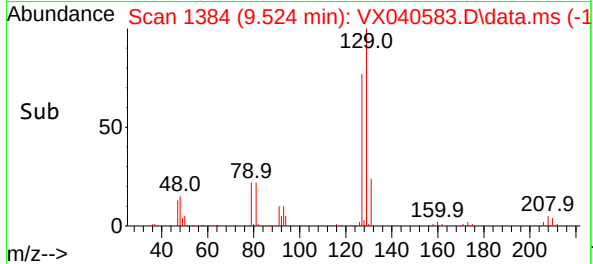
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



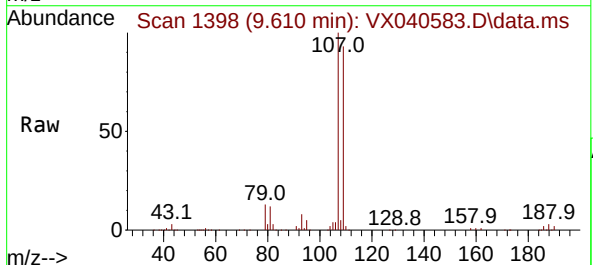
Tgt Ion:129 Resp: 192788
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

Manual Integrations
APPROVED

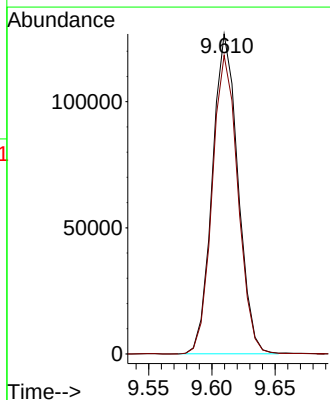
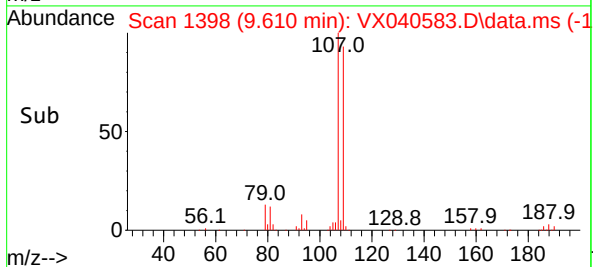
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

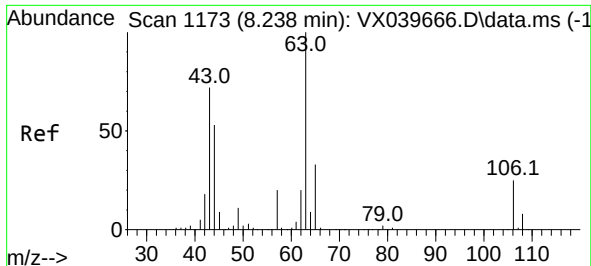


#54
1,2-Dibromoethane
Concen: 88.468 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion:107 Resp: 178192
Ion Ratio Lower Upper
107 100
109 93.8 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 431.088 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 67344

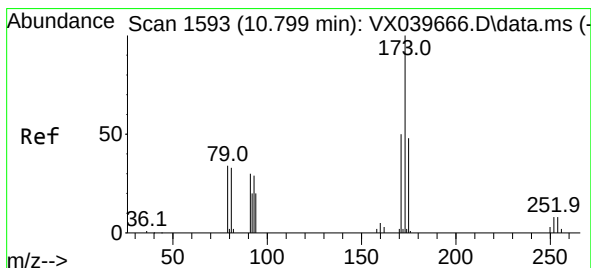
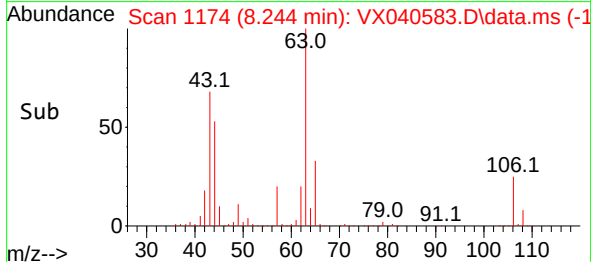
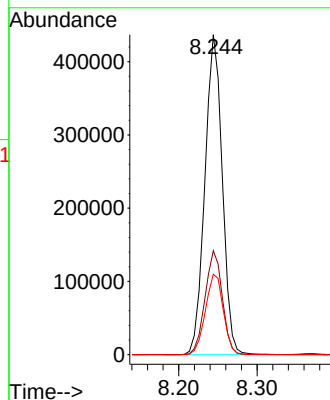
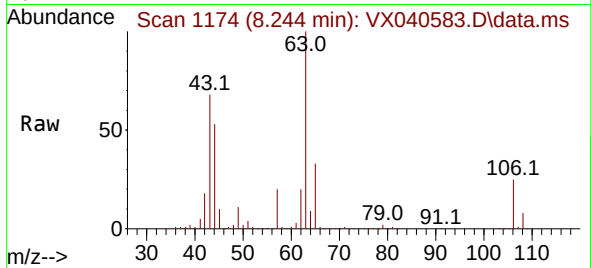
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6
106	25.9	20.6	31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#56

Bromoform

Concen: 123.270 ug/l

RT: 10.799 min Scan# 1593

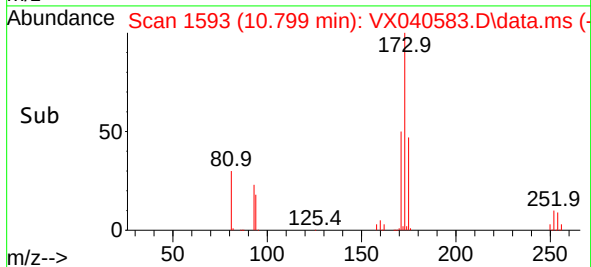
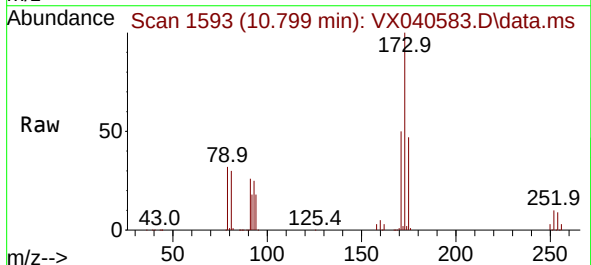
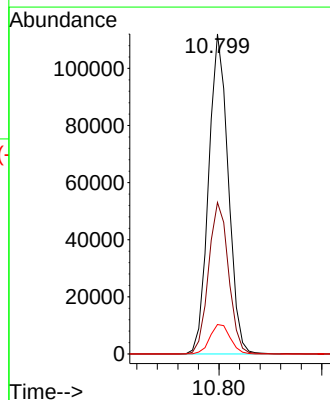
Delta R.T. -0.000 min

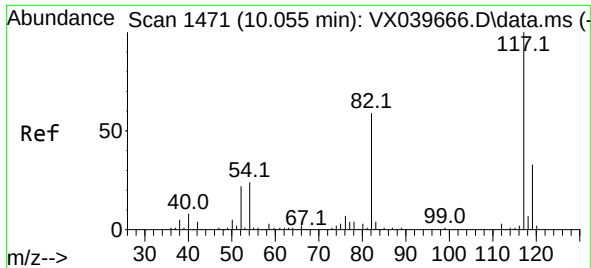
Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Tgt Ion:173 Resp: 148504

Ion	Ratio	Lower	Upper
173	100		
175	48.4	37.6	56.4
254	9.5	5.8	8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 117 Resp: 8229

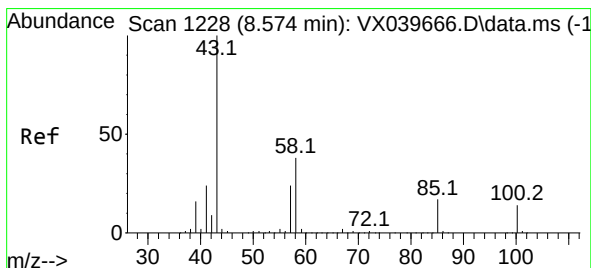
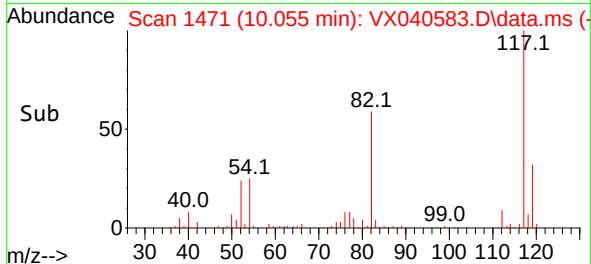
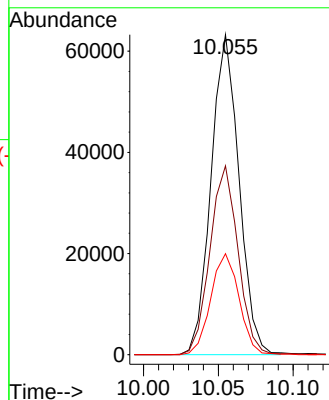
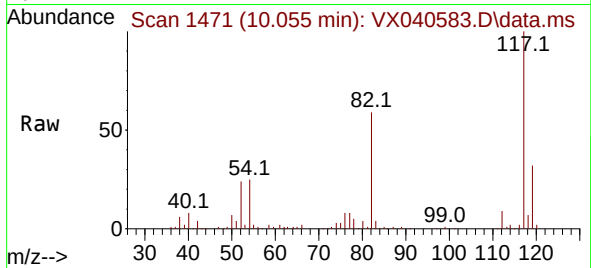
Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.0	70.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#58

4-Methyl-2-Pentanone

Concen: 515.063 ug/l

RT: 8.579 min Scan# 1229

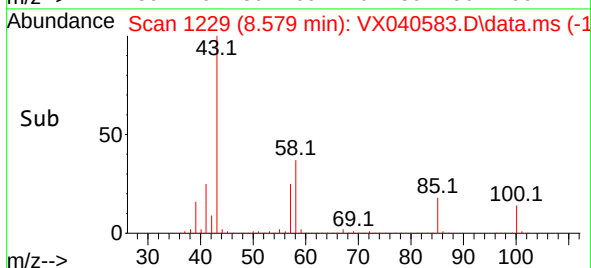
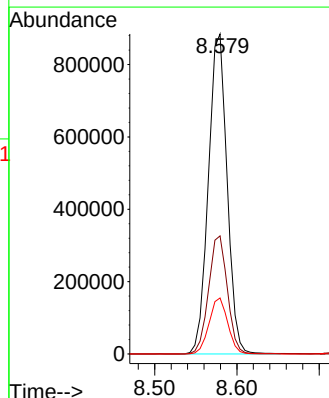
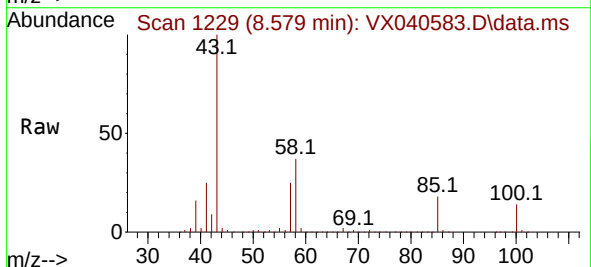
Delta R.T. 0.005 min

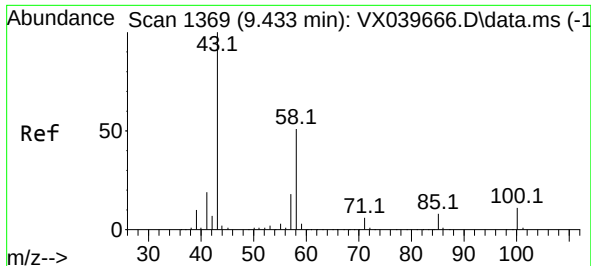
Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Tgt Ion: 43 Resp: 1394247

Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.1	45.1
85	17.5	13.9	20.9





#59

2-Hexanone

Concen: 509.271 ug/l

RT: 9.433 min Scan# 1115918

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 1115918

Ion Ratio Lower Upper

43 100

58 50.6 42.7 64.1

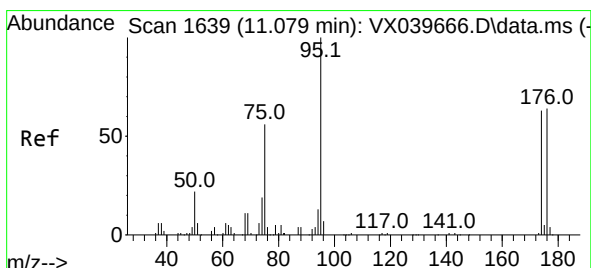
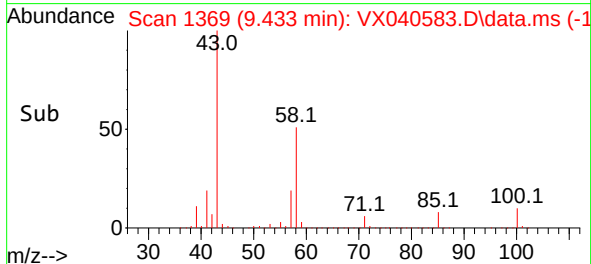
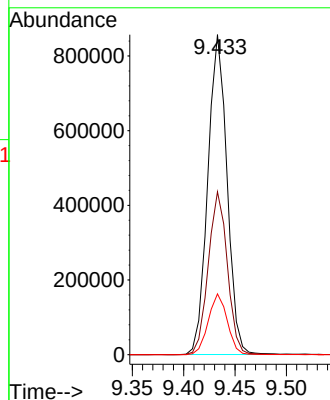
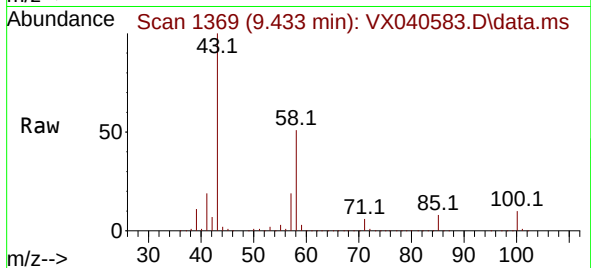
57 18.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#60

4-Bromofluorobenzene

Concen: 24.638 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

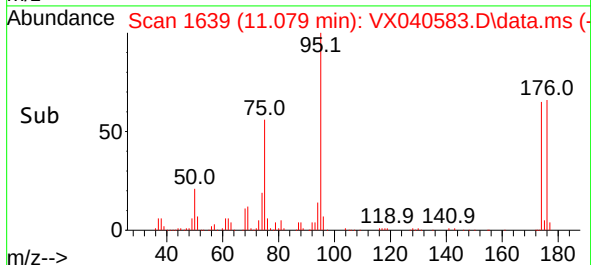
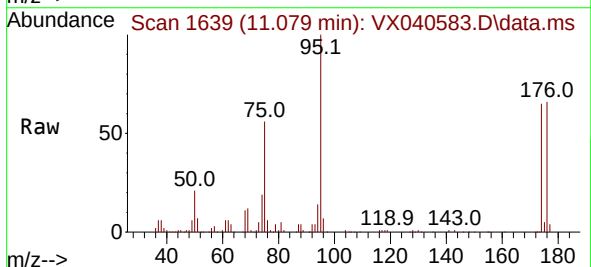
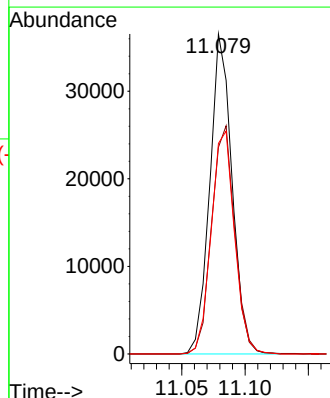
Tgt Ion: 95 Resp: 44721

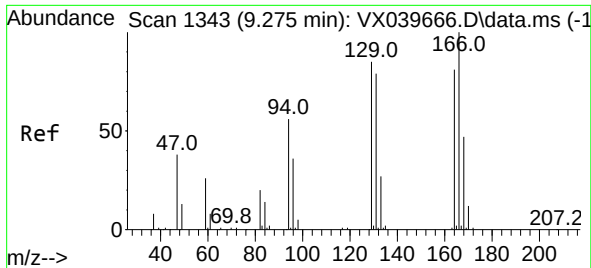
Ion Ratio Lower Upper

95 100

174 74.4 55.4 83.2

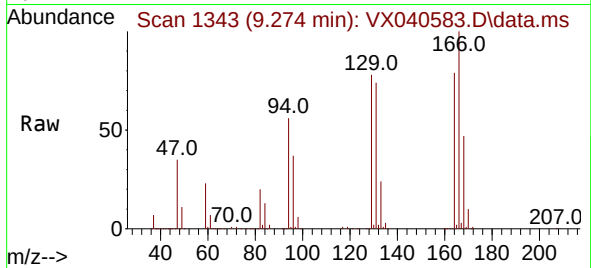
176 73.1 52.6 78.8





#61
Tetrachloroethene
Concen: 127.592 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

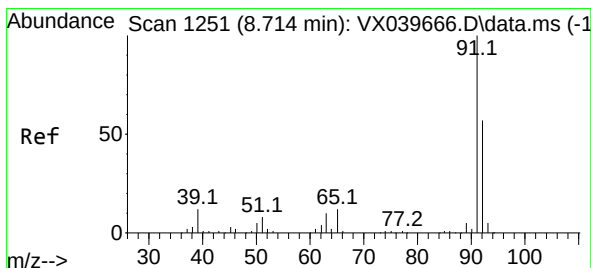
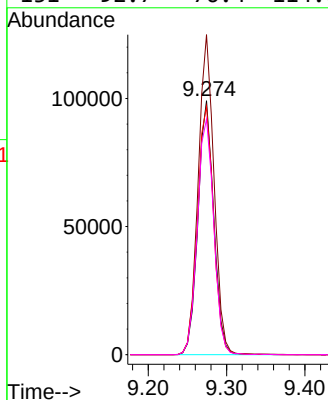
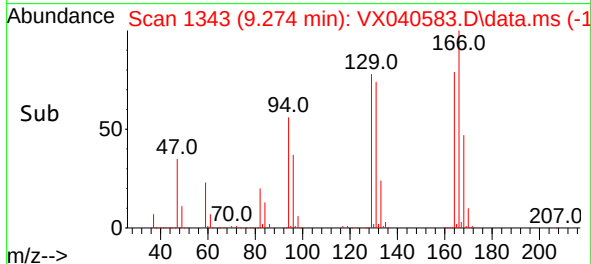
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



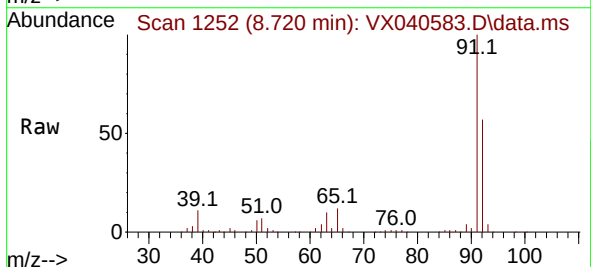
Tgt Ion:164 Resp: 139090
Ion Ratio Lower Upper
164 100
166 125.9 104.0 156.0
129 97.7 82.0 123.0
131 92.7 76.4 114.6

Manual Integrations
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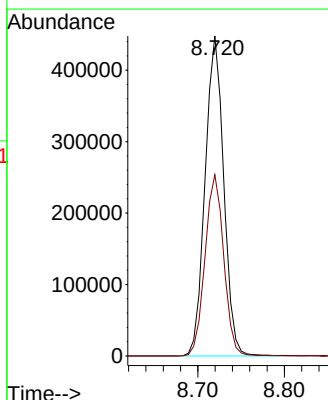
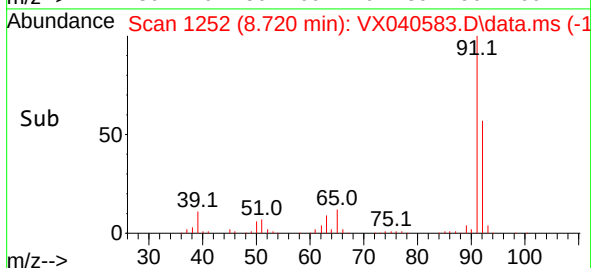
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

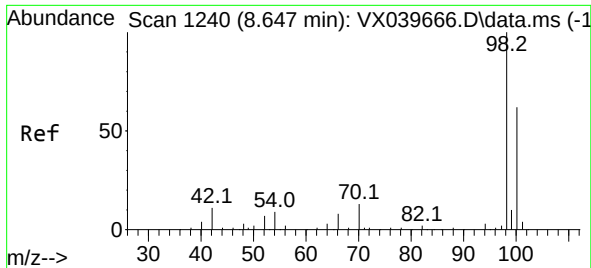


#62
Toluene
Concen: 109.724 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion: 91 Resp: 669412
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9





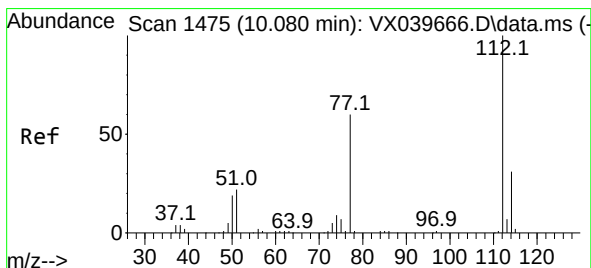
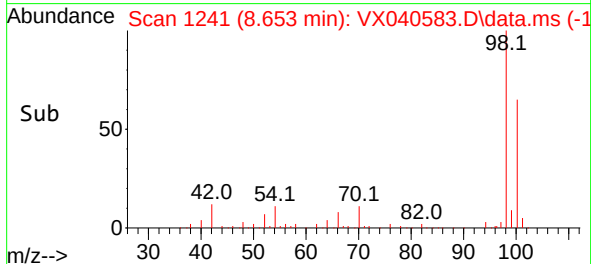
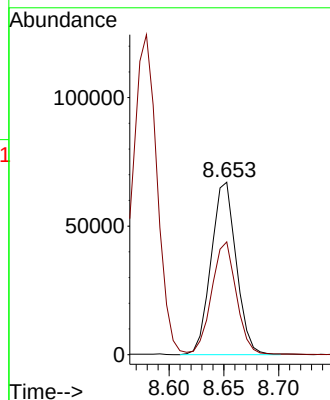
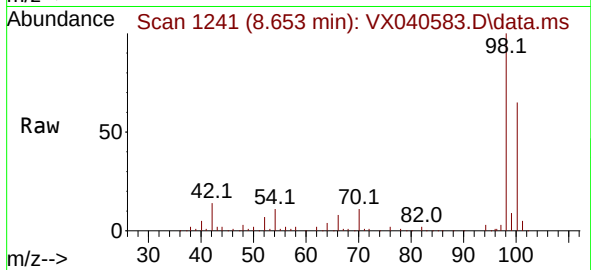
#63
Toluene-d8
Concen: 31.668 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 10714
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

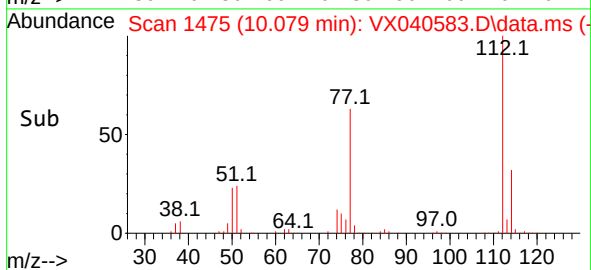
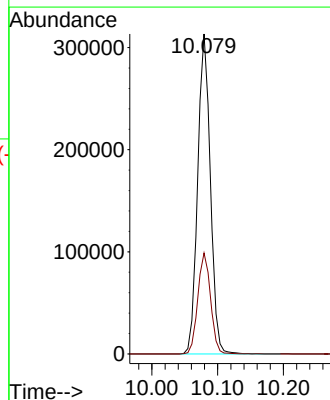
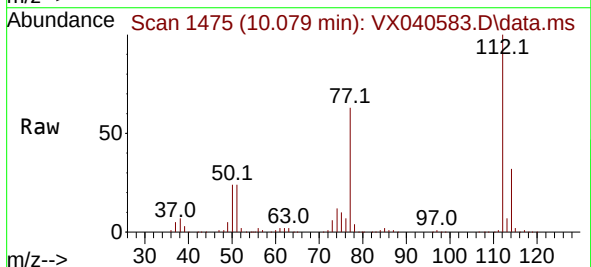
Manual Integrations
APPROVED

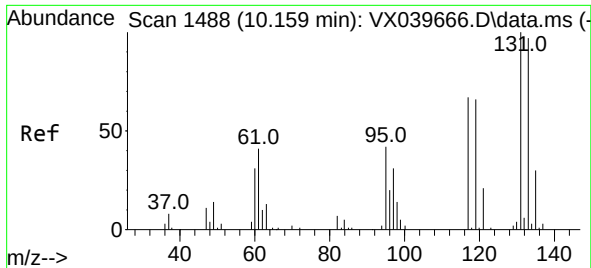
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#64
Chlorobenzene
Concen: 117.490 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion:112 Resp: 416755
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9





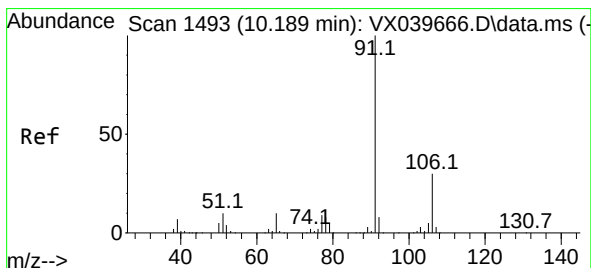
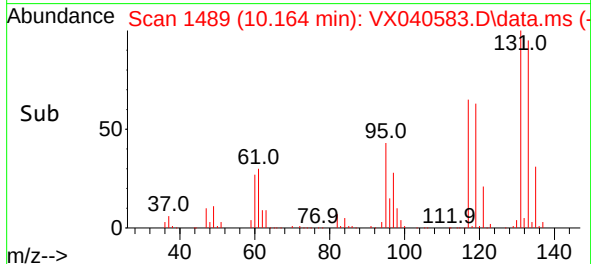
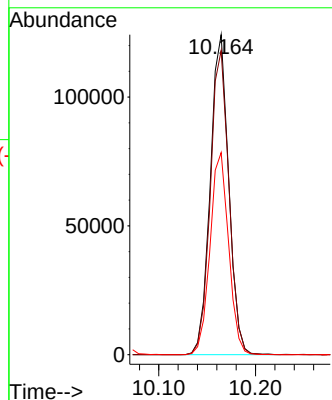
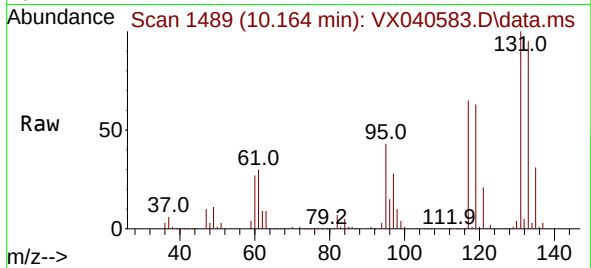
#65
1,1,1,2-Tetrachloroethane
Concen: 130.695 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.005 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:131 Resp: 164810
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.8
119 63.6 0.0 135.4

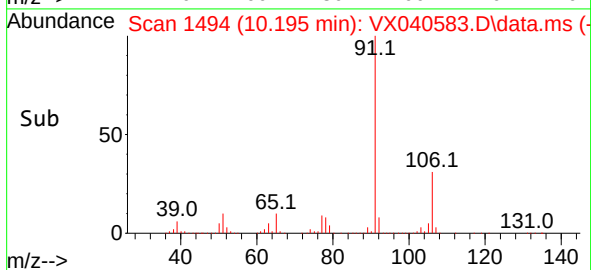
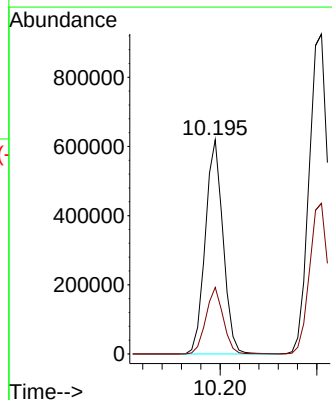
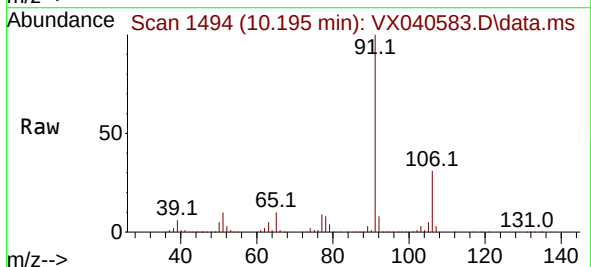
Manual Integrations
APPROVED

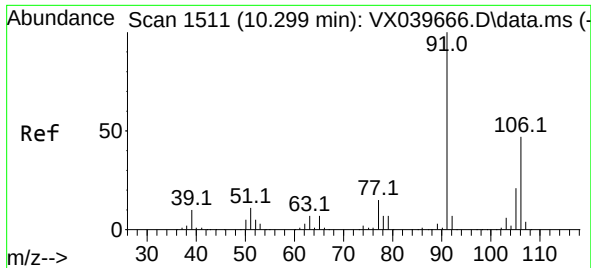
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#66
Ethyl Benzene
Concen: 118.315 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 91 Resp: 792614
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





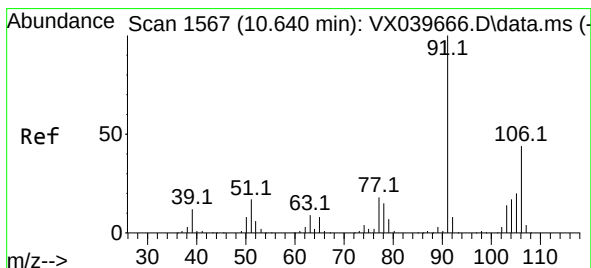
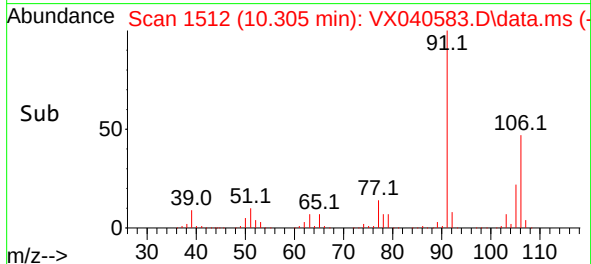
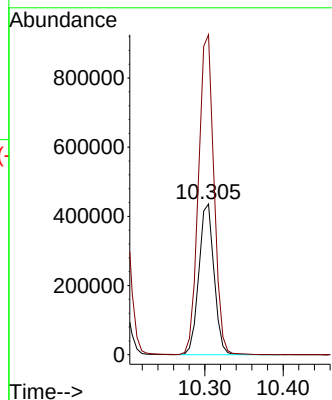
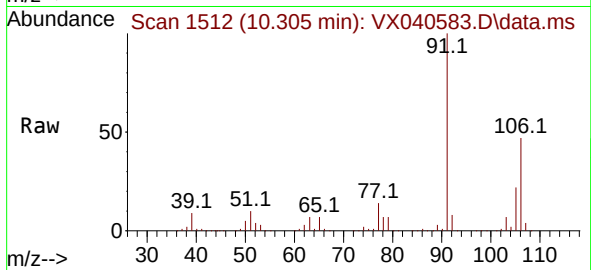
#67
m/p-Xylenes
Concen: 240.494 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 58849
Ion Ratio Lower Upper
106 100
91 215.9 169.4 254.0

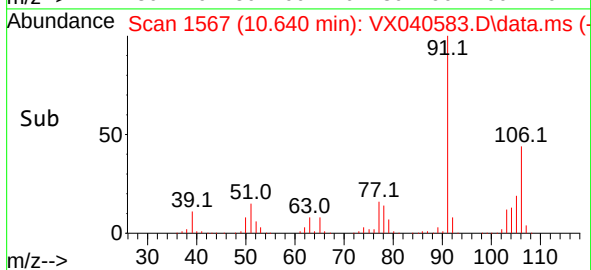
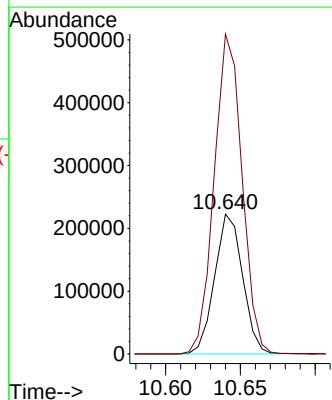
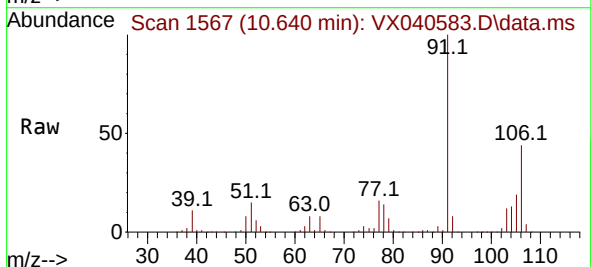
Manual Integrations
APPROVED

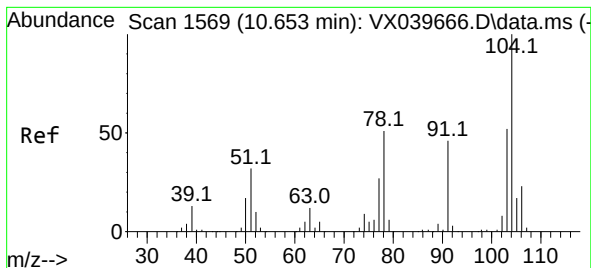
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#68
o-Xylene
Concen: 117.706 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion:106 Resp: 289160
Ion Ratio Lower Upper
106 100
91 228.7 111.2 333.6





#69

Styrene

Concen: 127.207 ug/l

RT: 10.658 min Scan# 11

Delta R.T. 0.005 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

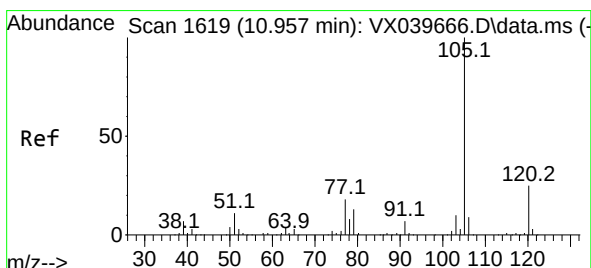
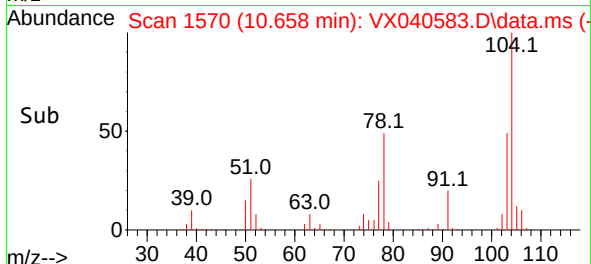
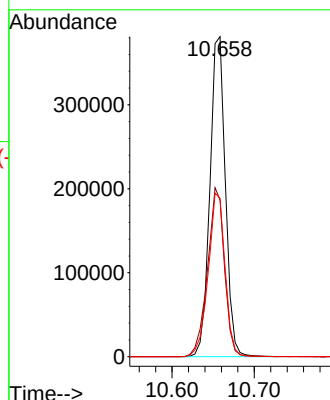
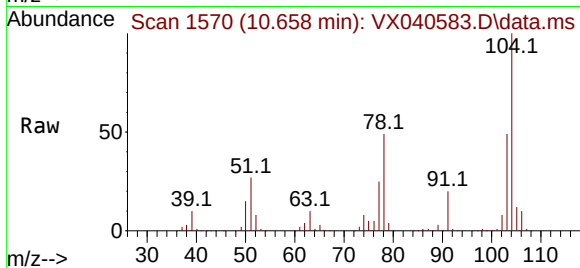
Tgt Ion:104 Resp: 499592
 Ion Ratio Lower Upper
 104 100
 78 57.4 43.7 65.5
 103 55.5 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#70

Isopropylbenzene

Concen: 121.521 ug/l

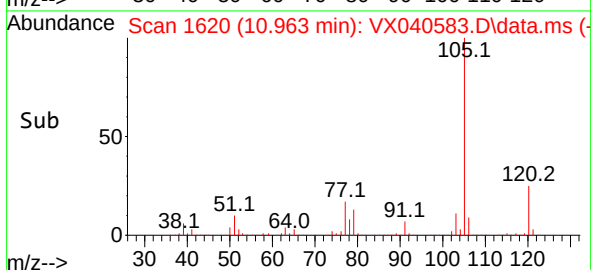
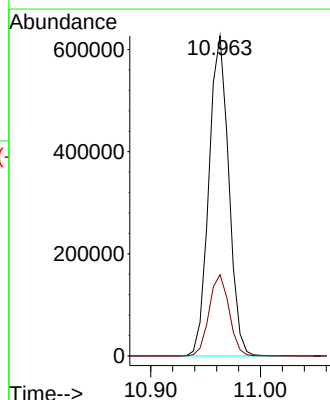
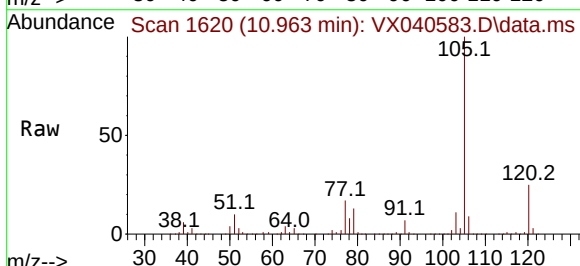
RT: 10.963 min Scan# 1620

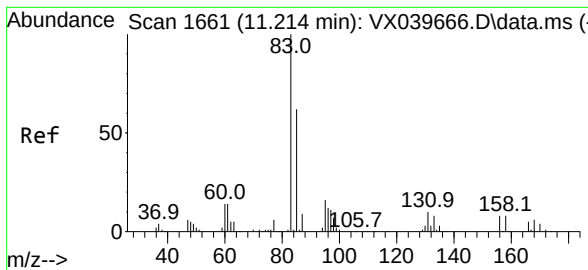
Delta R.T. 0.006 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

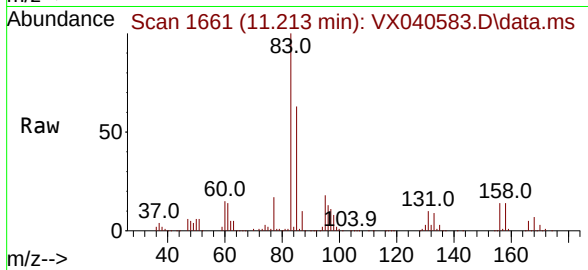
Tgt Ion:105 Resp: 787947
 Ion Ratio Lower Upper
 105 100
 120 25.6 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 110.918 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

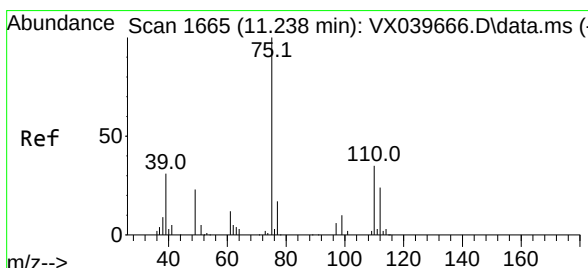
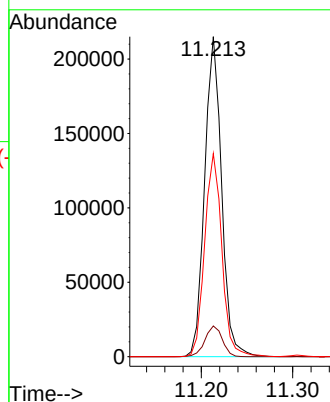
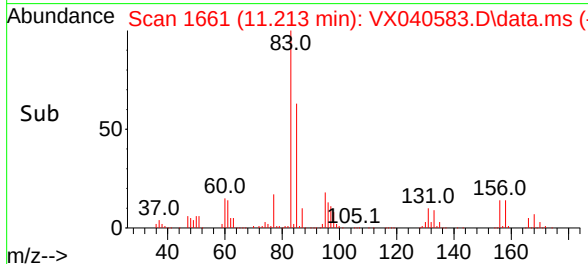
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



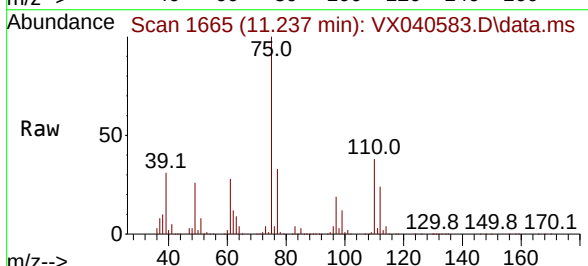
Tgt Ion: 83 Resp: 27623
Ion Ratio Lower Upper
83 100
131 9.9 4.6 13.8
85 64.5 32.5 97.4

Manual Integrations
APPROVED

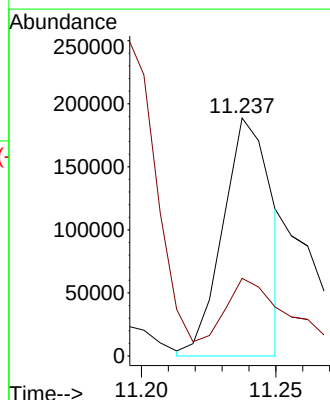
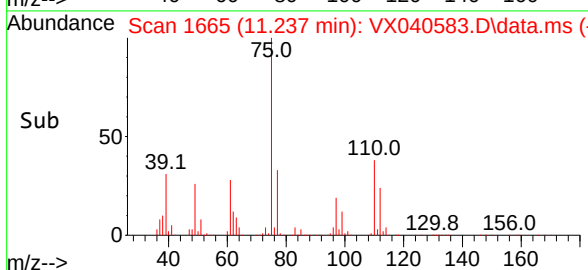
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

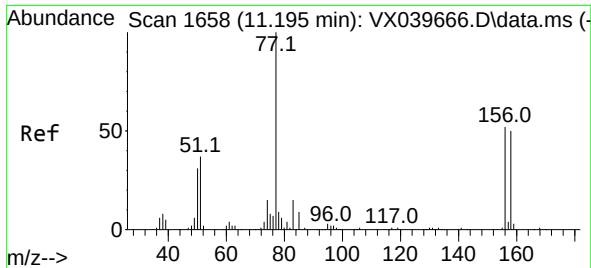


#72
1,2,3-Trichloropropane
Concen: 113.697 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



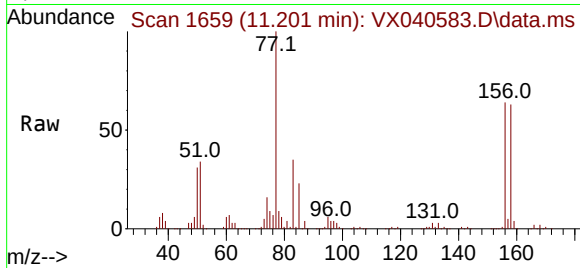
Tgt Ion: 75 Resp: 236839
Ion Ratio Lower Upper
75 100
77 45.2 0.0 76.4





#73
Bromobenzene
Concen: 131.142 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

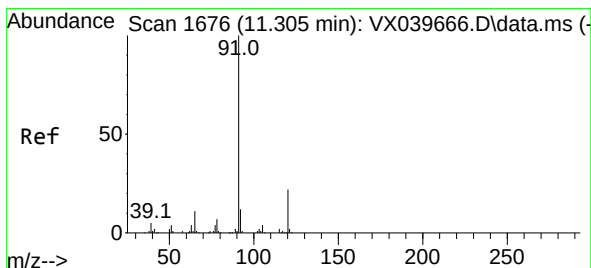
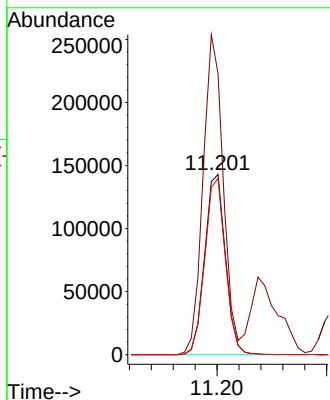
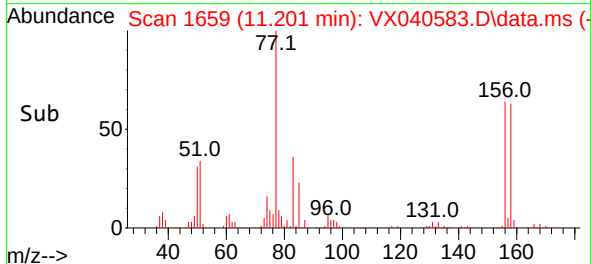
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 187738
Ion Ratio Lower Upper
156 100
77 171.8 0.0 363.2
158 97.0 0.0 197.8

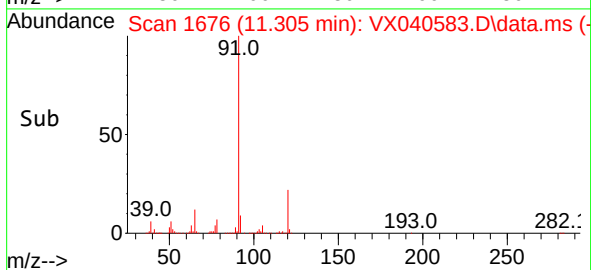
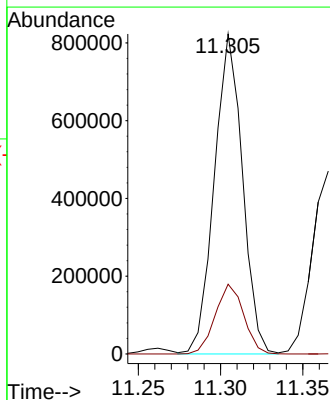
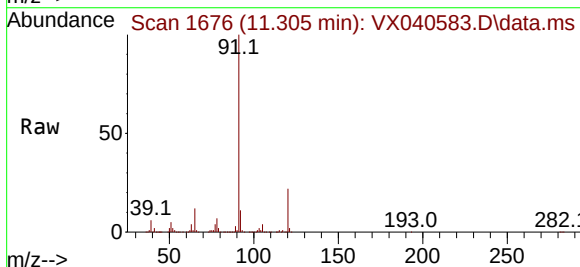
Manual Integrations
APPROVED

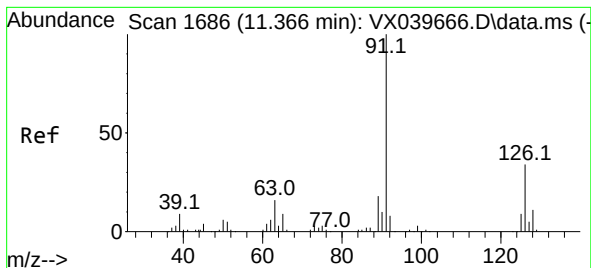
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#74
n-propylbenzene
Concen: 126.519 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion: 91 Resp: 978115
Ion Ratio Lower Upper
91 100
120 22.0 0.0 43.4





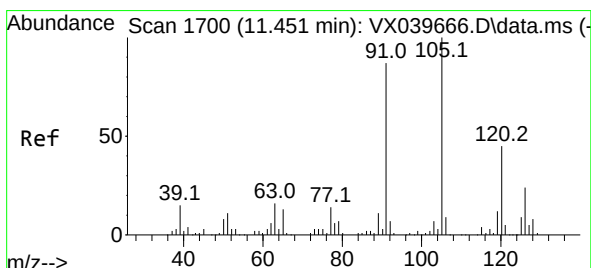
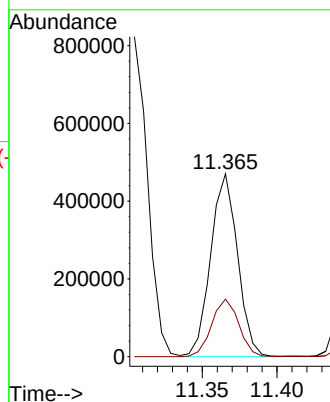
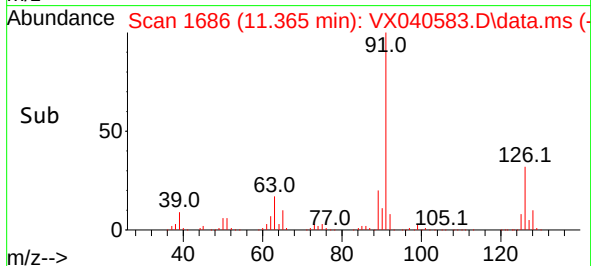
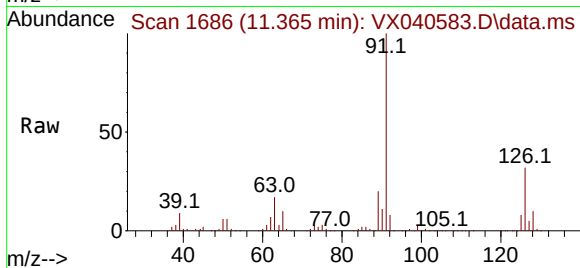
#75
2-Chlorotoluene
Concen: 122.409 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 58791
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.2

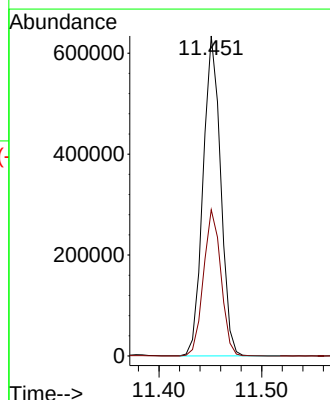
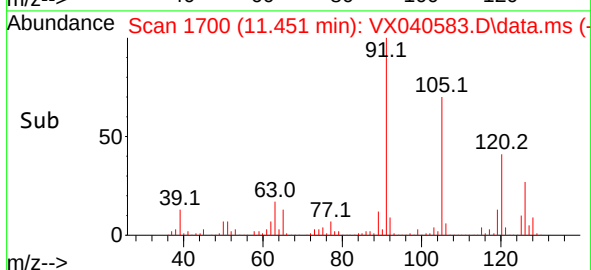
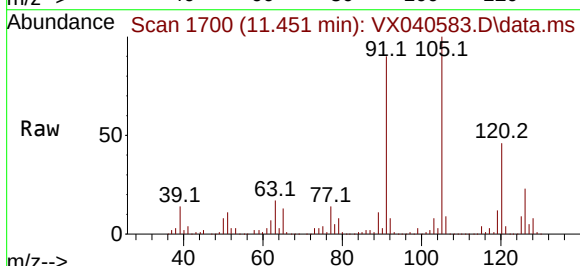
Manual Integrations
APPROVED

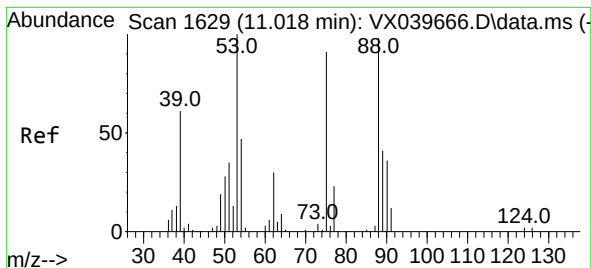
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#76
1,3,5-Trimethylbenzene
Concen: 136.211 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

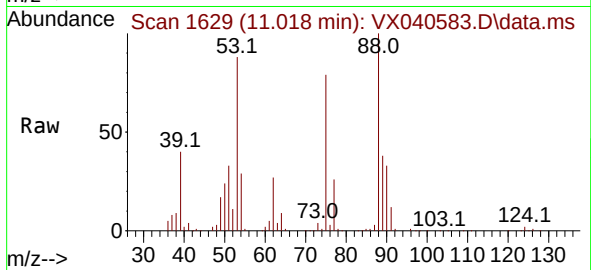
Tgt Ion:105 Resp: 754508
Ion Ratio Lower Upper
105 100
120 45.4 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 128.576 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

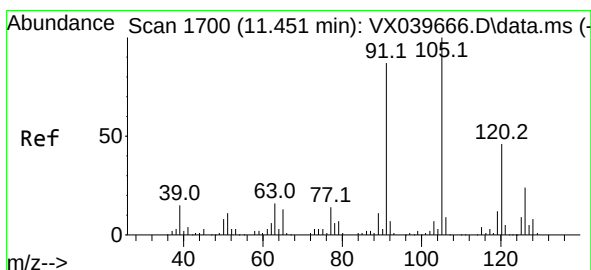
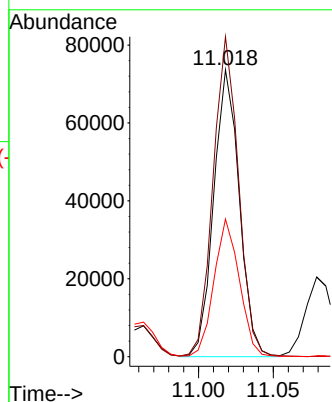
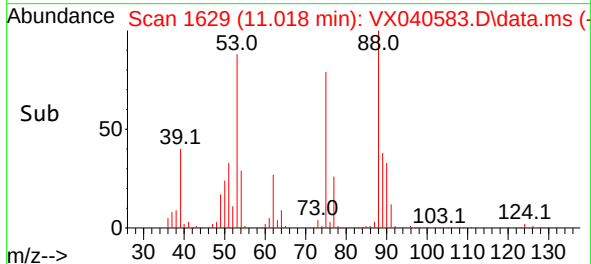
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 8789
Ion Ratio Lower Upper
75 100
53 111.6 46.9 140.8
89 48.0 21.3 63.7

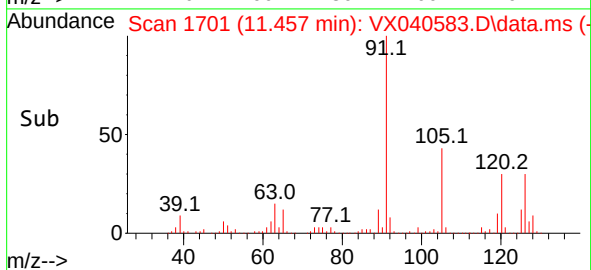
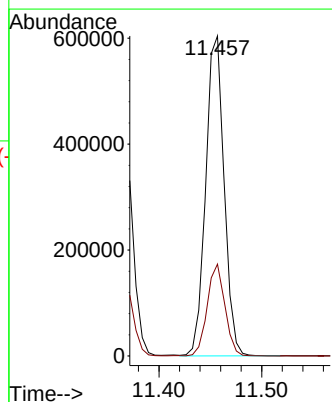
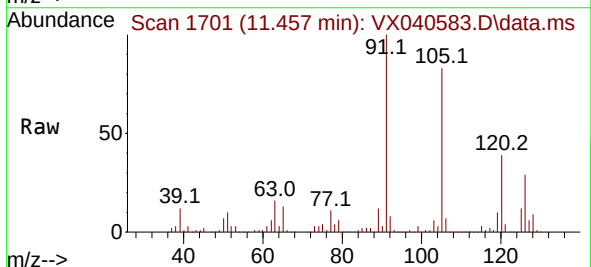
Manual Integrations
APPROVED

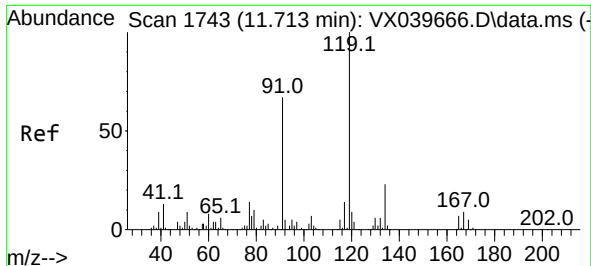
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#78
4-Chlorotoluene
Concen: 141.453 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

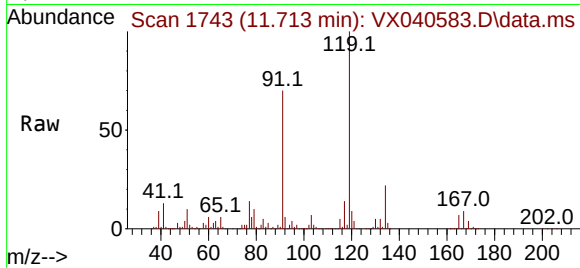
Tgt Ion: 91 Resp: 753519
Ion Ratio Lower Upper
91 100
126 27.6 0.0 57.4





#79
tert-butylbenzene
Concen: 134.477 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

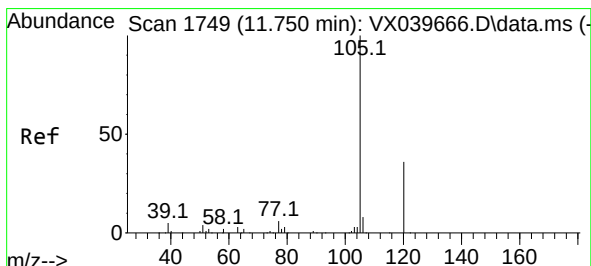
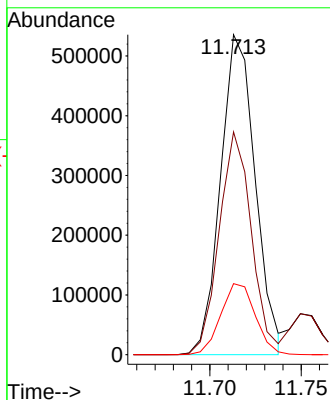
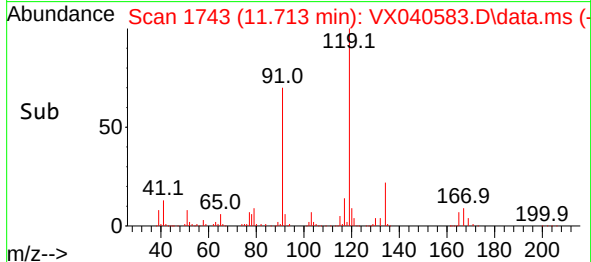
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 705822
Ion Ratio Lower Upper
119 100
91 65.0 0.0 125.6
134 22.2 0.0 43.8

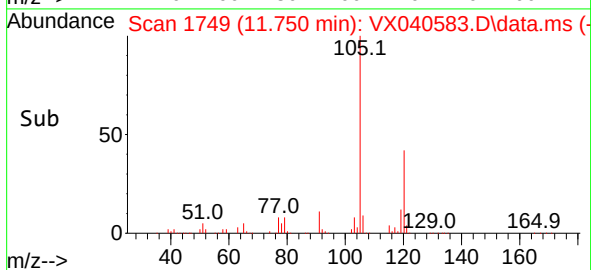
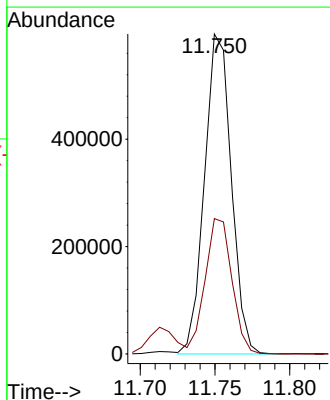
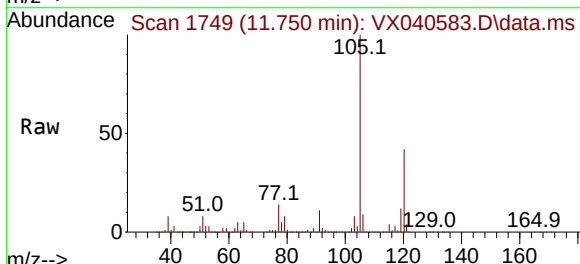
Manual Integrations
APPROVED

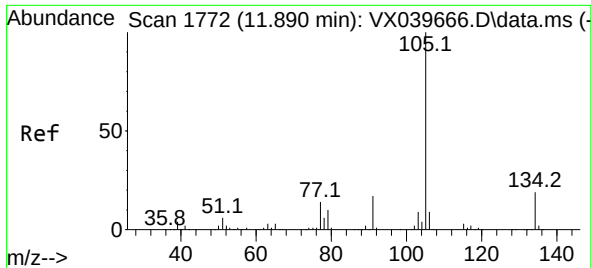
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#80
1,2,4-Trimethylbenzene
Concen: 135.344 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

Tgt Ion:105 Resp: 744028
Ion Ratio Lower Upper
105 100
120 42.1 0.0 86.4





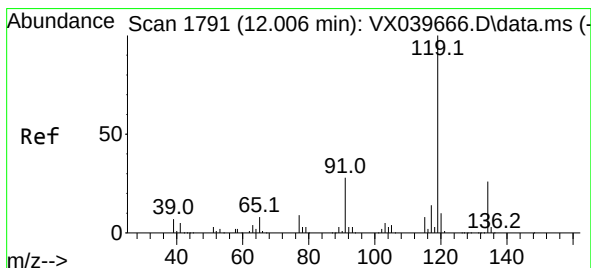
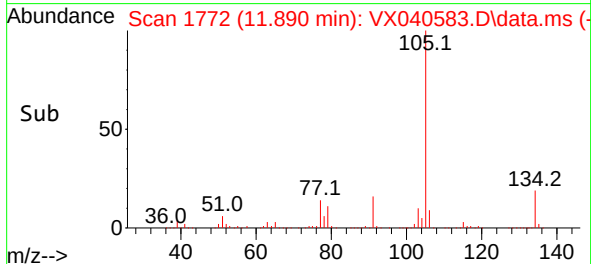
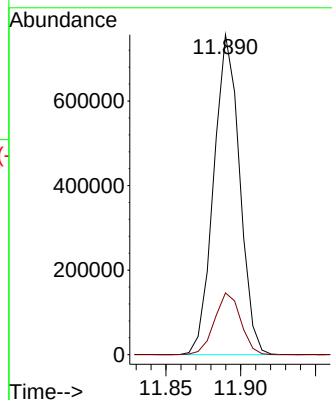
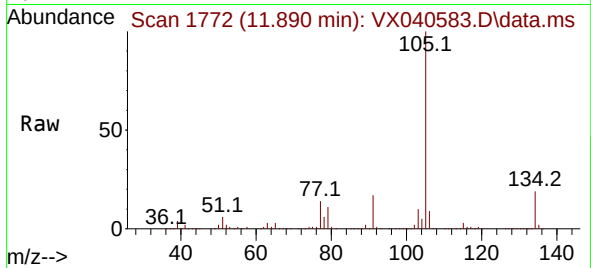
#81
 sec-Butylbenzene
 Concen: 135.375 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 91317
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4

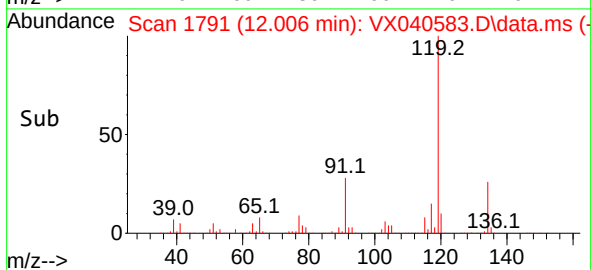
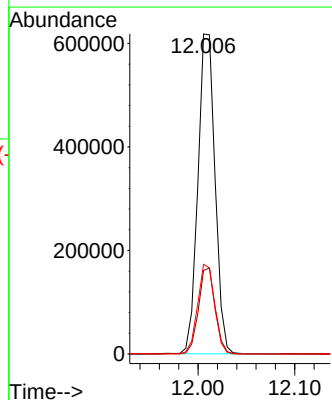
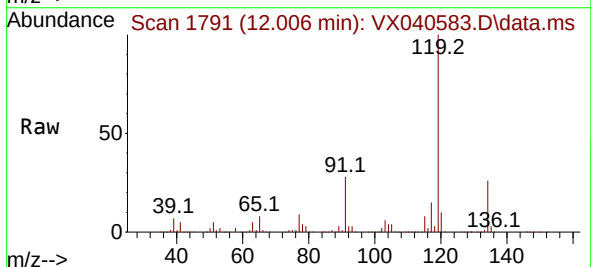
Manual Integrations
 APPROVED

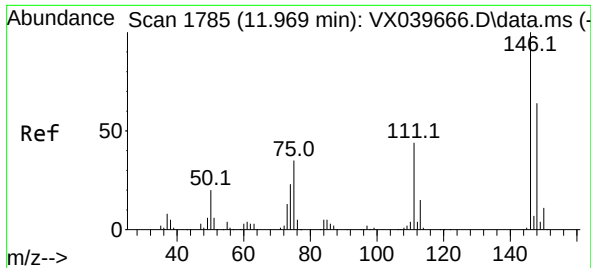
Reviewed By :John Carlone 03/05/2024
 Supervised By :Mahesh Dadoda 03/06/2024



#82
 p-Isopropyltoluene
 Concen: 142.076 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040583.D
 Acq: 05 Mar 2024 12:30

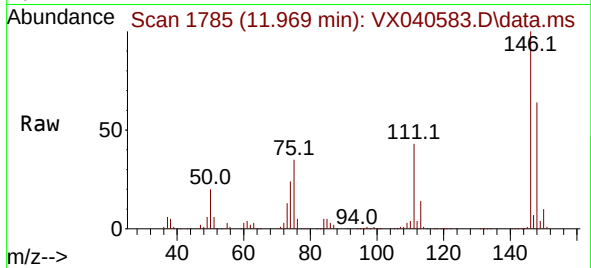
Tgt Ion:119 Resp: 762734
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.6
 91 27.4 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 145.780 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

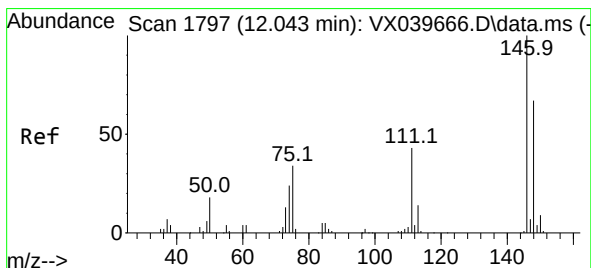
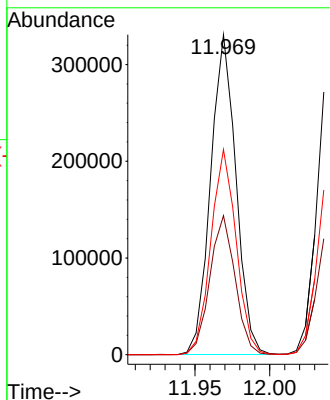
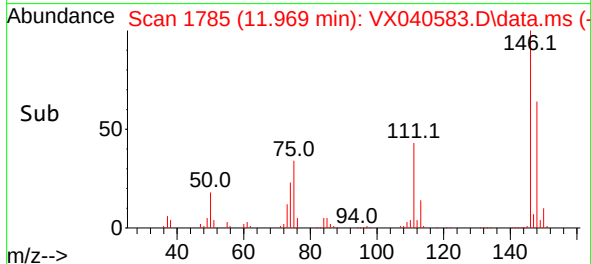
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



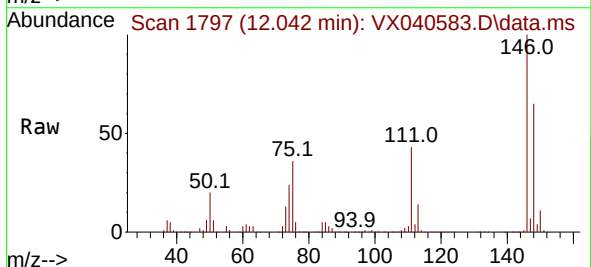
Tgt Ion:146 Resp: 390059
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.9
148 63.9 32.8 98.3

Manual Integrations
APPROVED

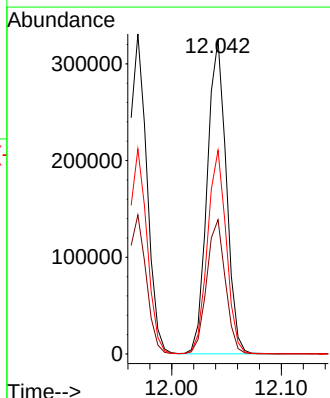
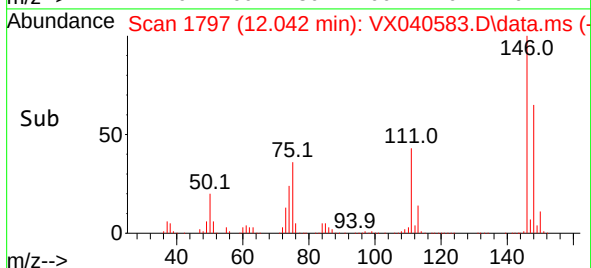
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

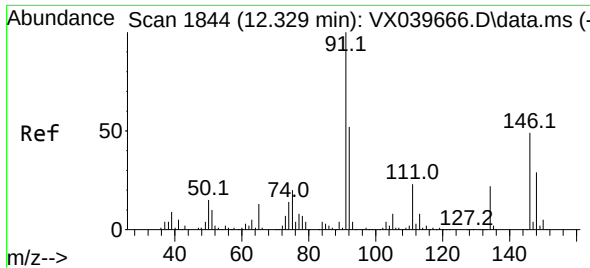


#84
1,4-Dichlorobenzene
Concen: 147.859 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



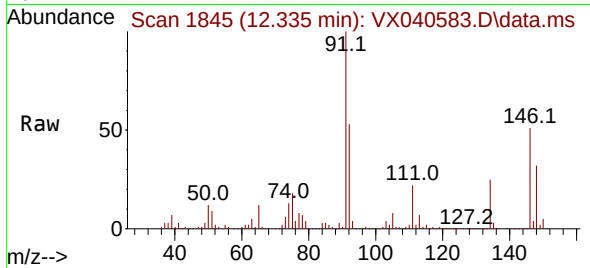
Tgt Ion:146 Resp: 392391
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.9 31.8 95.4





#85
n-Butylbenzene
Concen: 154.112 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

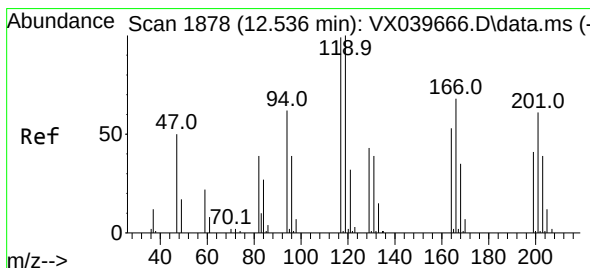
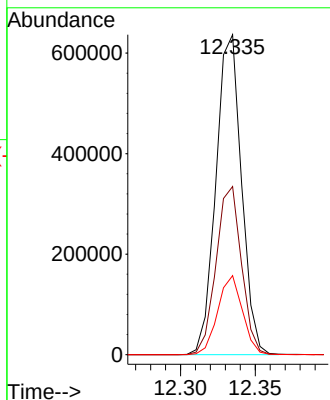
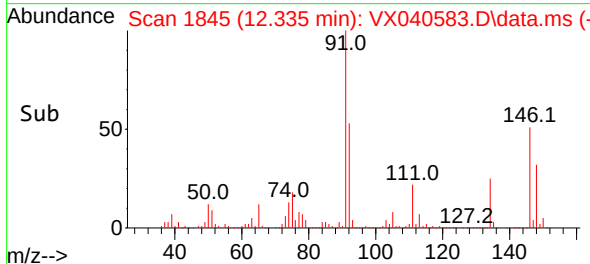
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 91 Resp: 757234
Ion Ratio Lower Upper
91 100
92 52.2 0.0 106.2
134 23.9 0.0 48.8

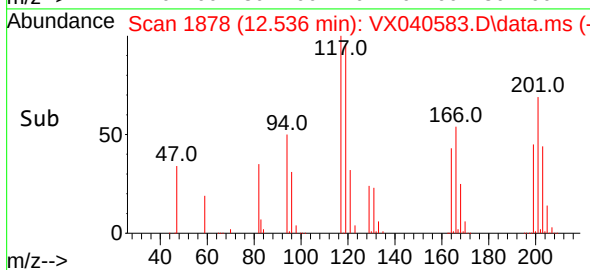
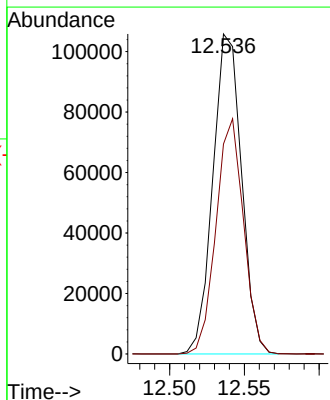
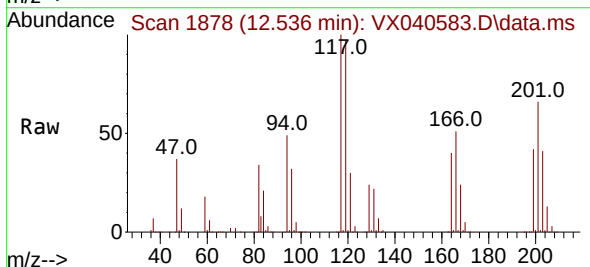
Manual Integrations
APPROVED

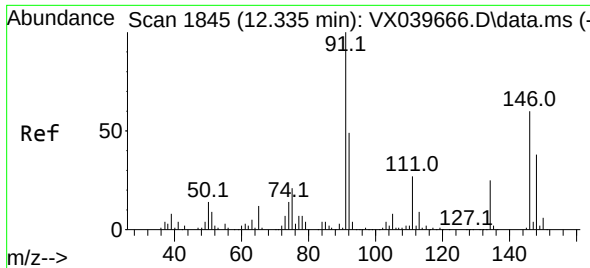
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024



#86
Hexachloroethane
Concen: 153.825 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

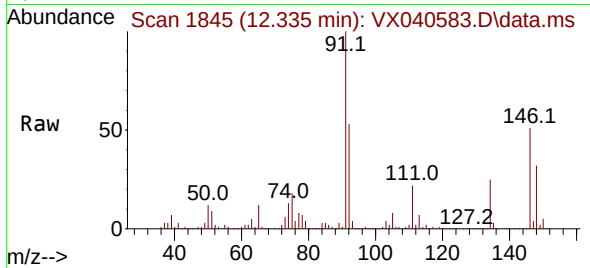
Tgt Ion:117 Resp: 141282
Ion Ratio Lower Upper
117 100
201 70.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 139.542 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30

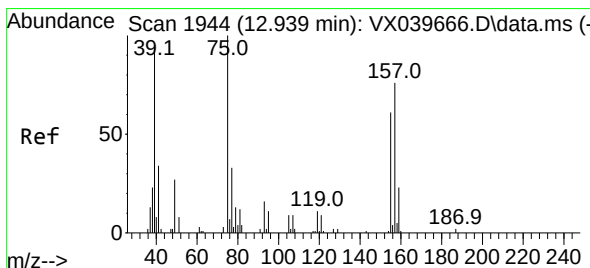
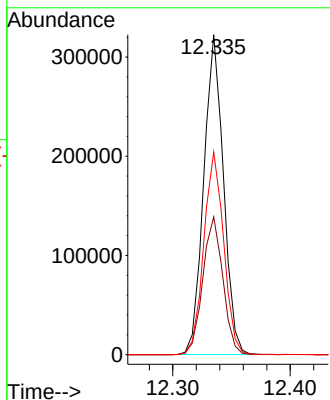
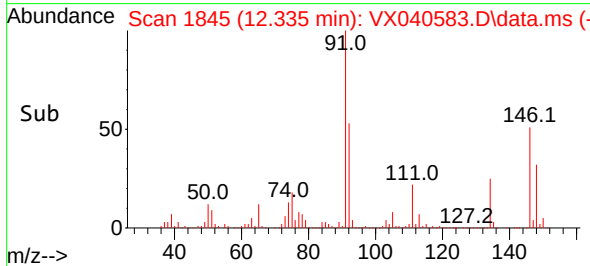
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



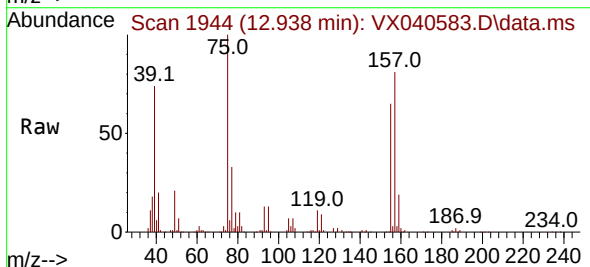
Tgt Ion:146 Resp: 374169
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.2
148 64.3 31.9 95.7

Manual Integrations
APPROVED

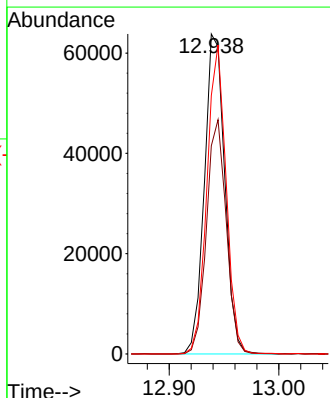
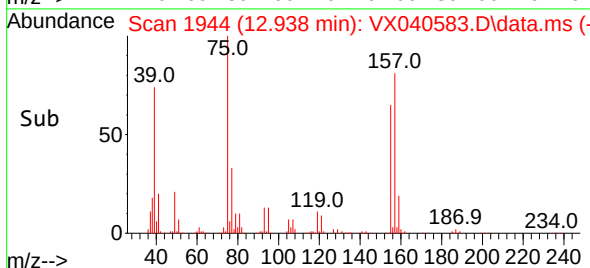
Reviewed By :John Carlone 03/05/2024
Supervised By :Mahesh Dadoda 03/06/2024

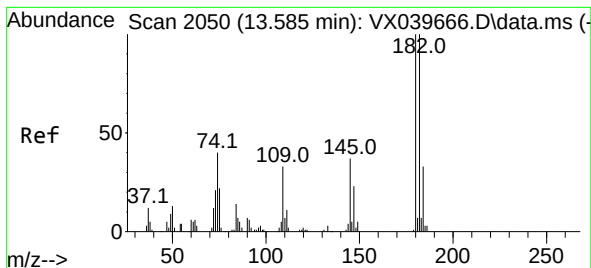


#88
1,2-Dibromo-3-Chloropropane
Concen: 137.866 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VX040583.D
Acq: 05 Mar 2024 12:30



Tgt Ion: 75 Resp: 82215
Ion Ratio Lower Upper
75 100
155 71.0 58.2 87.4
157 91.0 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 165.442 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

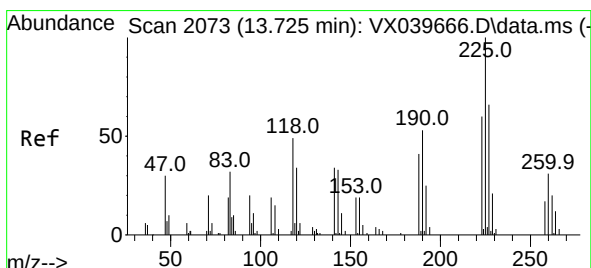
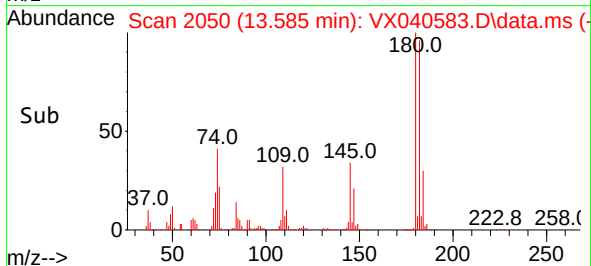
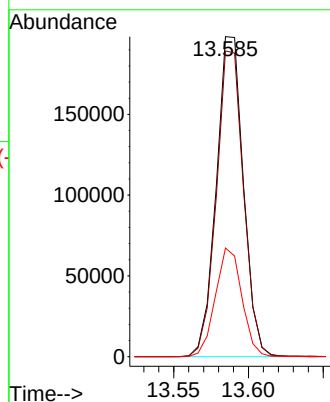
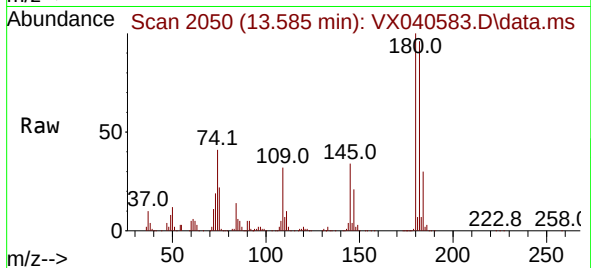
Tgt Ion:	180	Resp:	25011
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.5	111.7
145	33.2	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#90

Hexachlorobutadiene

Concen: 148.885 ug/l

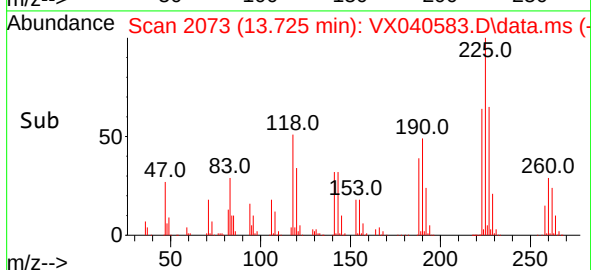
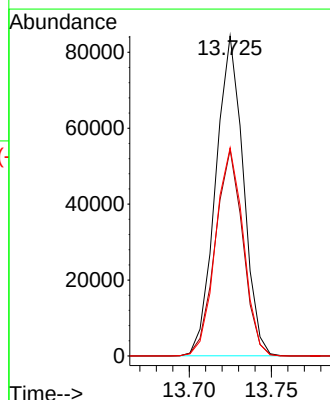
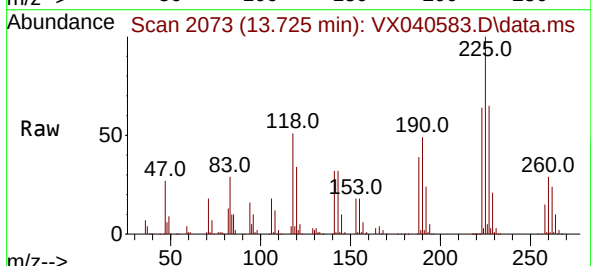
RT: 13.725 min Scan# 2073

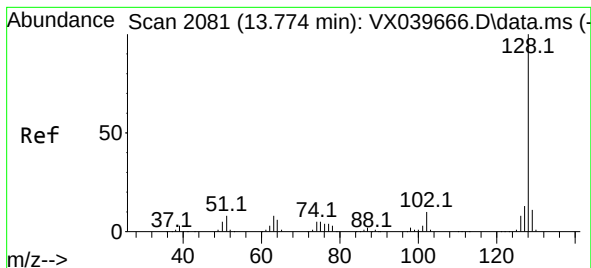
Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Tgt Ion:	225	Resp:	98534
Ion Ratio	Lower	Upper	
225	100		
223	64.5	0.0	124.4
227	65.4	0.0	124.4





#91

Naphthalene

Concen: 142.365 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 83968

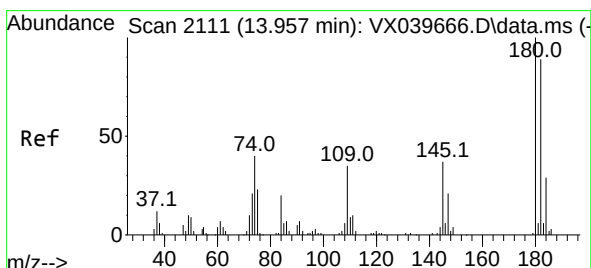
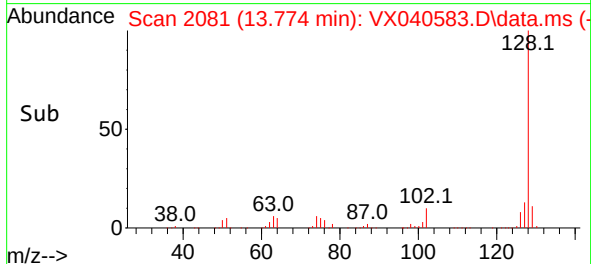
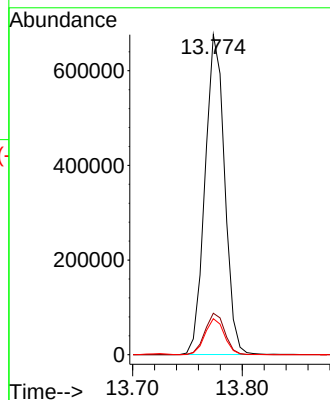
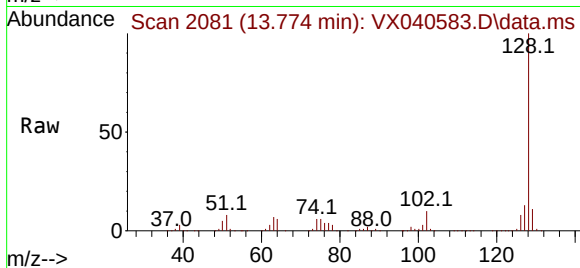
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/05/2024

Supervised By :Mahesh Dadoda 03/06/2024



#92

1,2,3-Trichlorobenzene

Concen: 157.461 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040583.D

Acq: 05 Mar 2024 12:30

Tgt Ion:180 Resp: 246470

Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.6
145	34.6	0.0	69.6

