

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040501.D
 Acq On : 28 Feb 2024 10:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 29 03:45:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	93477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74820	47.855	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.379	113	52025	49.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.647	98	187713	48.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	76297	52.195	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55945	48.091	ug/l	97
3) Chloromethane	1.294	50	52797	45.757	ug/l	100
4) Vinyl Chloride	1.374	62	58254	46.687	ug/l	100
5) Bromomethane	1.599	94	35631	51.386	ug/l	99
6) Chloroethane	1.678	64	36073	45.683	ug/l	99
7) Trichlorofluoromethane	1.880	101	98851	50.161	ug/l	100
8) Diethyl Ether	2.136	74	33472	48.592	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	52526	49.516	ug/l	99
10) Methyl Iodide	2.447	142	54407	49.438	ug/l	98
11) Tert butyl alcohol	2.965	59	68855	261.980	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	48664	45.694	ug/l	95
13) Acrolein	2.233	56	63387	376.176	ug/l	100
14) Allyl chloride	2.660	41	87298	46.853	ug/l	91
15) Acrylonitrile	3.062	53	157381	238.719	ug/l	98
16) Acetone	2.380	43	150335	294.850	ug/l	99
17) Carbon Disulfide	2.508	76	125204	42.453	ug/l	98
18) Methyl Acetate	2.703	43	77812	49.502	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	175364	48.274	ug/l	100
20) Methylene Chloride	2.788	84	55596	45.565	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	52119	45.888	ug/l	96
22) Diisopropyl ether	3.757	45	174545	46.617	ug/l	98
23) Vinyl Acetate	3.721	43	832775	242.803	ug/l	99
24) 1,1-Dichloroethane	3.611	63	100005	45.802	ug/l	100
25) 2-Butanone	4.550	43	232049	261.215	ug/l	98
26) 2,2-Dichloropropane	4.471	77	86830	49.947	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	61327	46.154	ug/l	99
28) Bromochloromethane	4.897	49	42293	46.306	ug/l	99
29) Tetrahydrofuran	5.001	42	150152	242.288	ug/l	98
30) Chloroform	5.092	83	110392	47.632	ug/l	97
31) Cyclohexane	5.464	56	82365	46.500	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	98168	49.628	ug/l	99
36) 1,1-Dichloropropene	5.690	75	80532	49.478	ug/l	99
37) Ethyl Acetate	4.715	43	89102	50.021	ug/l	99
38) Carbon Tetrachloride	5.678	117	83048	52.817	ug/l	98
39) Methylcyclohexane	7.379	83	90083	51.263	ug/l	99
40) Benzene	6.037	78	215136	48.821	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49562	49.811	ug/l	95
42) 1,2-Dichloroethane	6.086	62	95762	52.505	ug/l	97
43) Isopropyl Acetate	6.336	43	141748	50.714	ug/l	98
44) Trichloroethene	7.123	130	57751	48.730	ug/l	98
45) 1,2-Dichloropropane	7.427	63	57482	48.740	ug/l	99
46) Dibromomethane	7.580	93	43668	50.363	ug/l	98
47) Bromodichloromethane	7.818	83	88340	51.746	ug/l	99
48) Methyl methacrylate	7.690	41	73667	52.732	ug/l	94
49) 1,4-Dioxane	7.653	88	27541	1042.145	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	487073	263.571	ug/l	97
52) Toluene	8.714	92	136245	50.378	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	92461	53.367	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	95592	51.330	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	58687	52.290	ug/l	93
56) Ethyl methacrylate	9.116	69	92355	53.222	ug/l	94
57) 1,3-Dichloropropane	9.305	76	99458	50.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	239326	263.039	ug/l	96
59) 2-Hexanone	9.427	43	387500	272.734	ug/l	98
60) Dibromochloromethane	9.519	129	64039	52.533	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63335	51.715	ug/l	99
64) Tetrachloroethene	9.275	164	50213	49.970	ug/l	98
65) Chlorobenzene	10.079	112	150299	49.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55901	52.102	ug/l	100
67) Ethyl Benzene	10.195	91	283769	50.919	ug/l	100
68) m/p-Xylenes	10.299	106	209815	100.821	ug/l	96
69) o-Xylene	10.640	106	99770	50.126	ug/l	92
70) Styrene	10.652	104	170489	51.382	ug/l	96
71) Bromoform	10.799	173	46903	53.404	ug/l #	99
73) Isopropylbenzene	10.963	105	276959	50.721	ug/l	100
74) N-amyl acetate	10.841	43	131431	51.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	97808	49.529	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81380m	49.871	ug/l	
77) Bromobenzene	11.195	156	64986	50.333	ug/l	98
78) n-propylbenzene	11.305	91	343626	50.734	ug/l	98
79) 2-Chlorotoluene	11.366	91	200073	49.070	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	240764	51.845	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	26341	48.816	ug/l	97
82) 4-Chlorotoluene	11.451	91	236487	50.157	ug/l	100
83) tert-Butylbenzene	11.713	119	227727	52.014	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	240249	52.142	ug/l	98
85) sec-Butylbenzene	11.890	105	299885	52.138	ug/l	99
86) p-Isopropyltoluene	12.006	119	247932	52.295	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	127279	49.456	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	128780	49.155	ug/l	99
89) n-Butylbenzene	12.335	91	244265	52.368	ug/l	96
90) Hexachloroethane	12.536	117	43496	55.124	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	122846	50.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26300	57.127	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	83861	52.395	ug/l	97
94) Hexachlorobutadiene	13.725	225	34620	52.925	ug/l	98
95) Naphthalene	13.774	128	269813	52.752	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81708	53.704	ug/l	98

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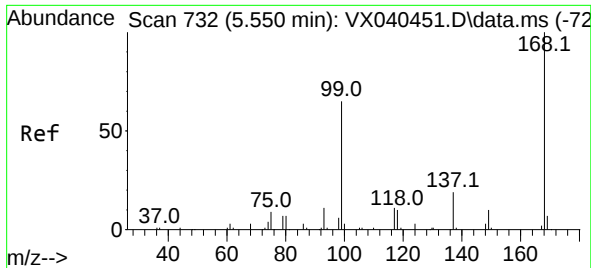
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/29/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
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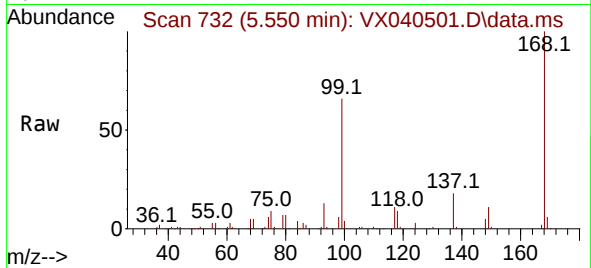
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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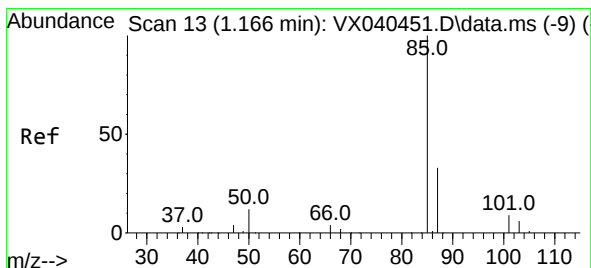
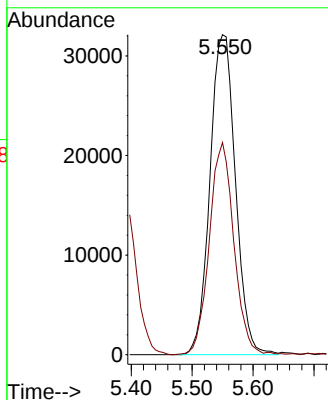
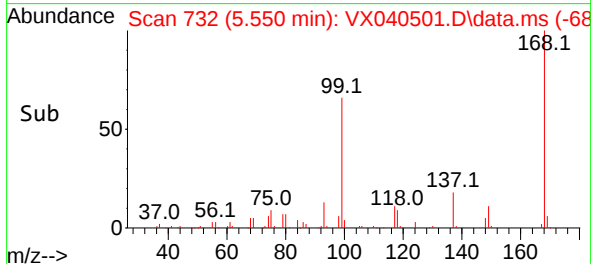
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 9347
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0

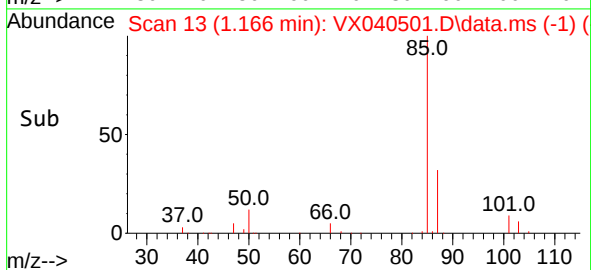
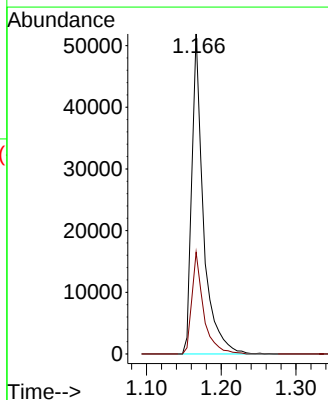
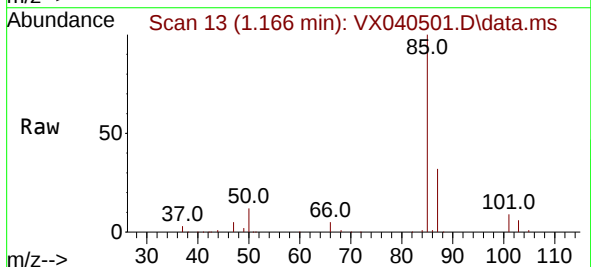
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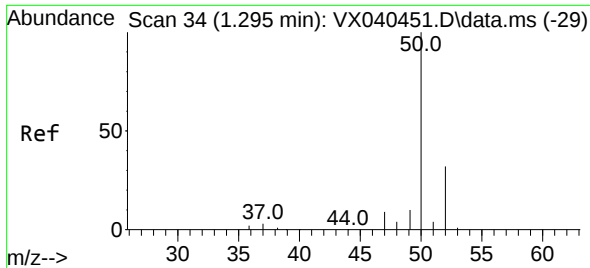
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#2
Dichlorodifluoromethane
Concen: 48.091 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 85 Resp: 55945
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





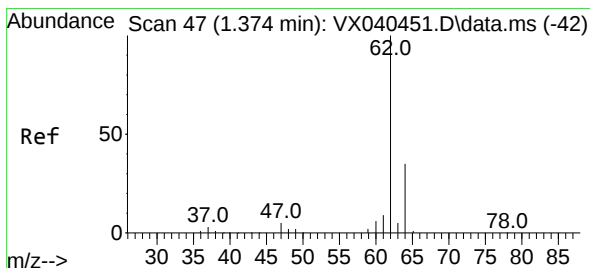
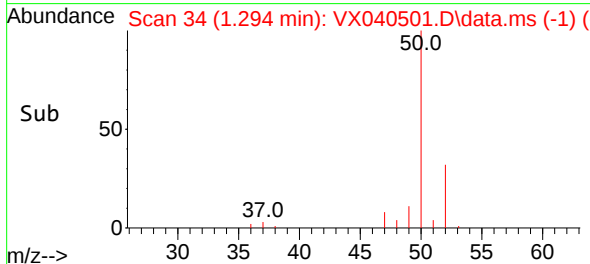
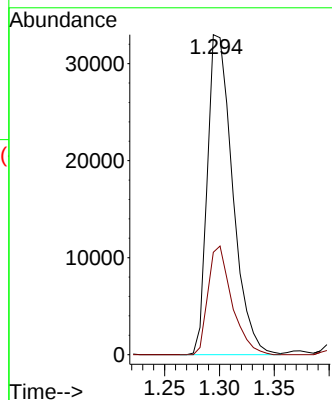
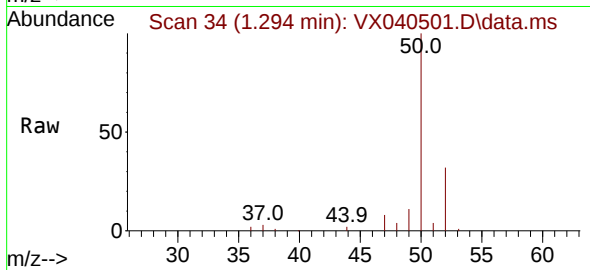
#3
Chloromethane
Concen: 45.757 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5279
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

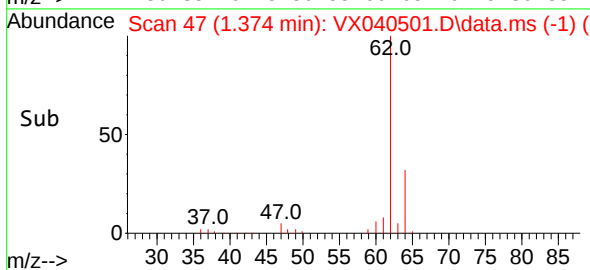
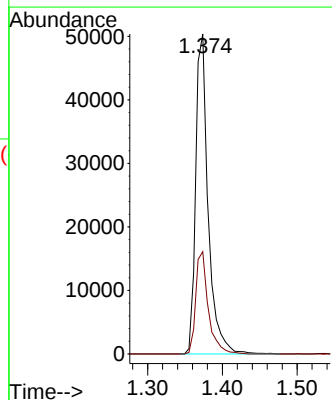
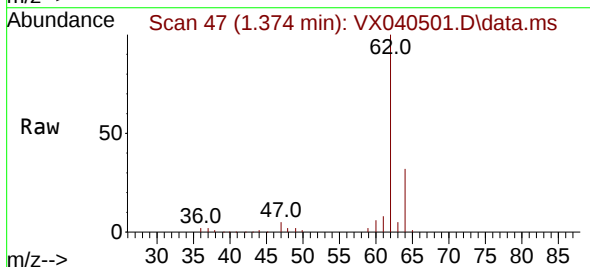
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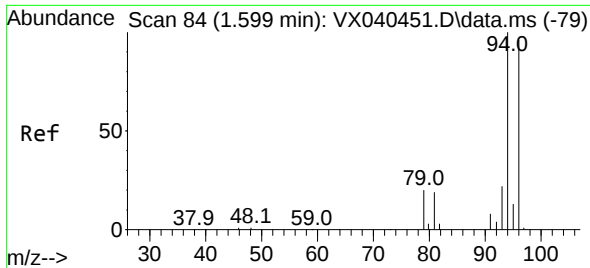
Reviewed By :John Carlone 02/29/2024
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#4
Vinyl Chloride
Concen: 46.687 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

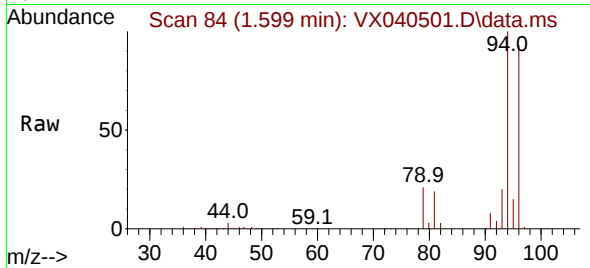
Tgt Ion: 62 Resp: 58254
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 51.386 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

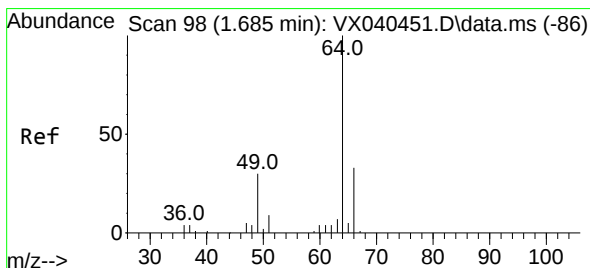
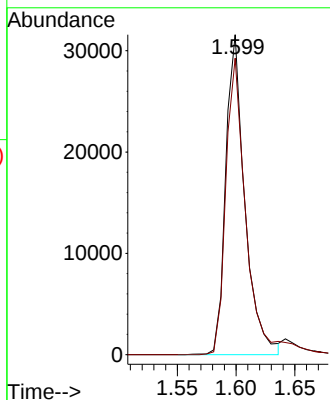
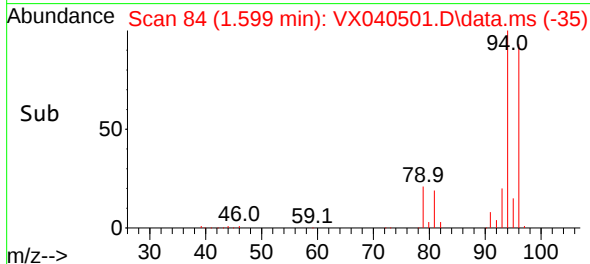
Instrument :
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Tgt Ion: 94 Resp: 3563
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

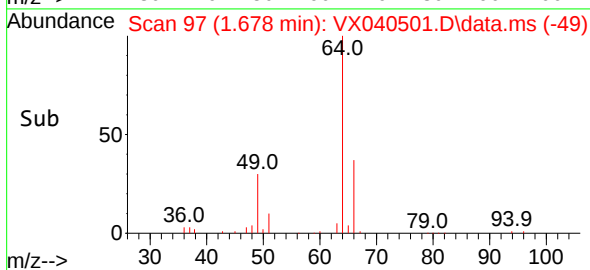
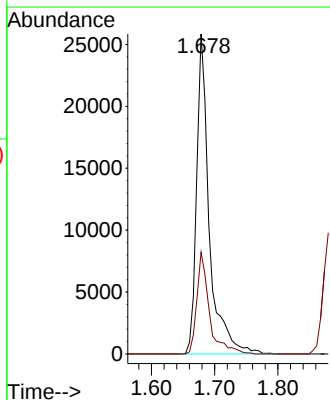
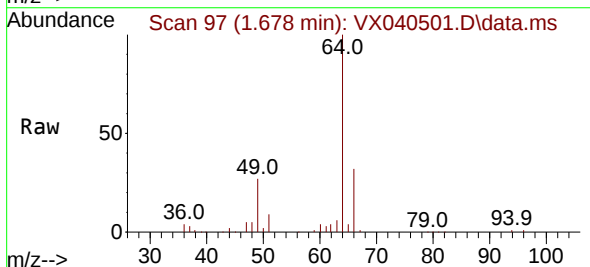
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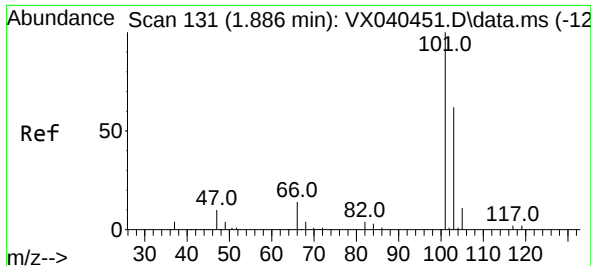
Reviewed By :John Carlone 02/29/2024
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#6
Chloroethane
Concen: 45.683 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 64 Resp: 36073
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





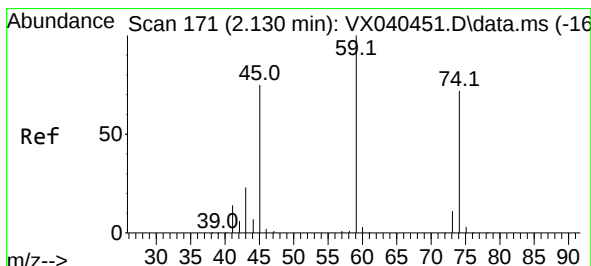
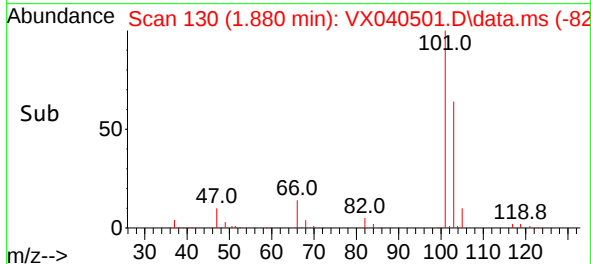
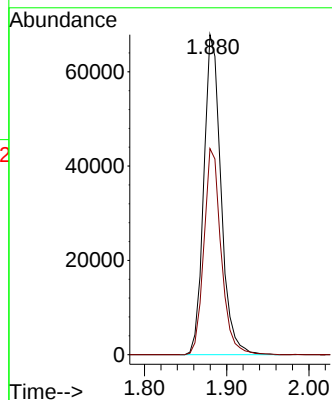
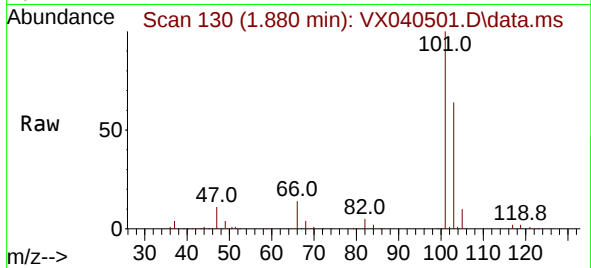
#7
Trichlorofluoromethane
Concen: 50.161 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9885
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

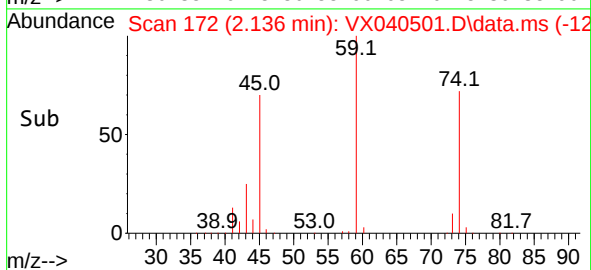
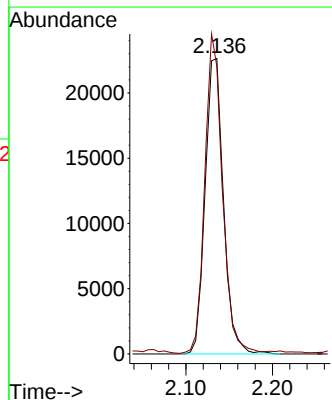
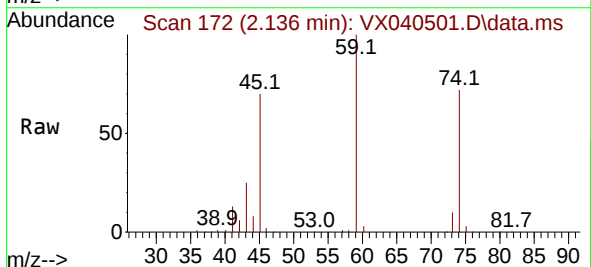
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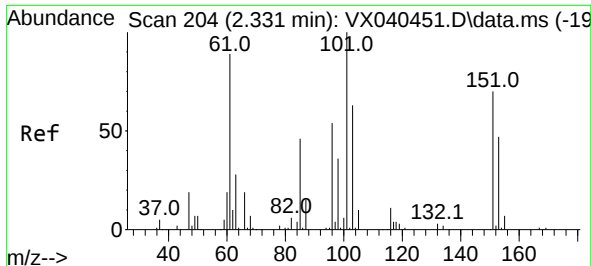
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#8
Diethyl Ether
Concen: 48.592 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 74 Resp: 33472
Ion Ratio Lower Upper
74 100
45 103.1 53.3 159.8





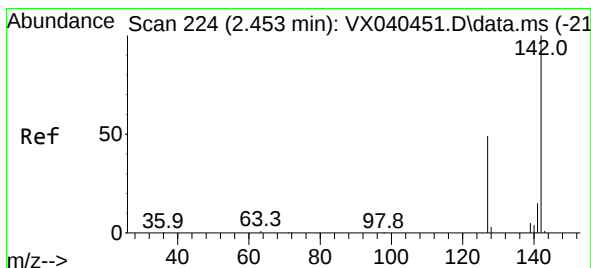
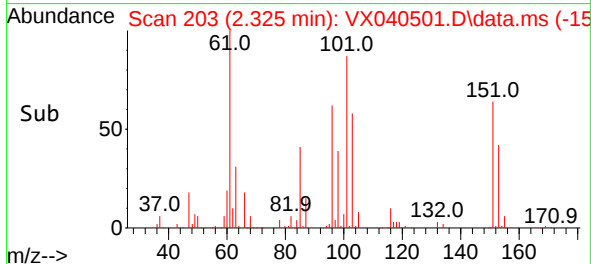
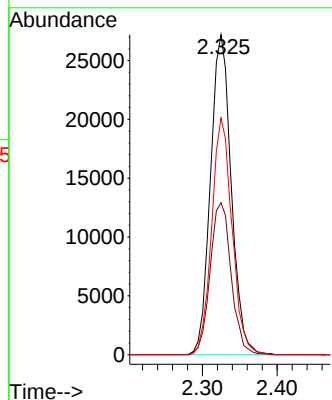
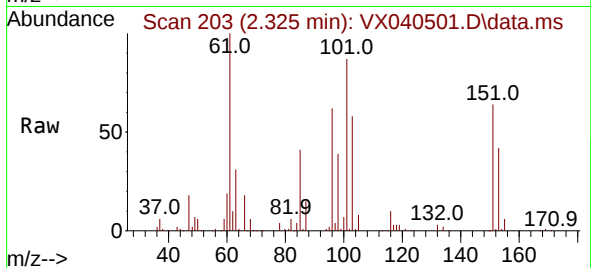
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.516 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 52520
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 72.7 58.6 87.8

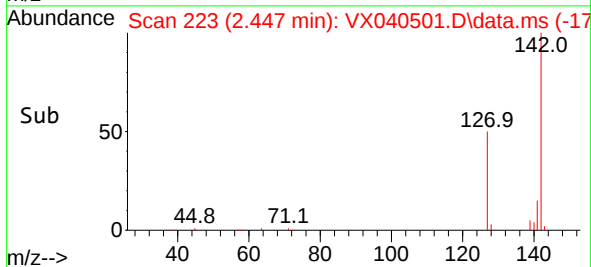
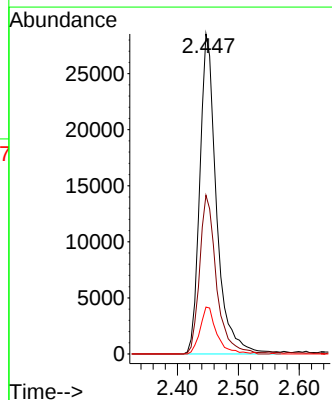
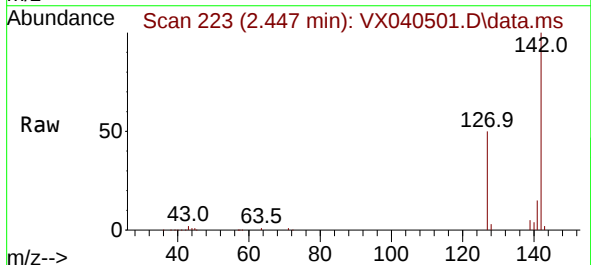
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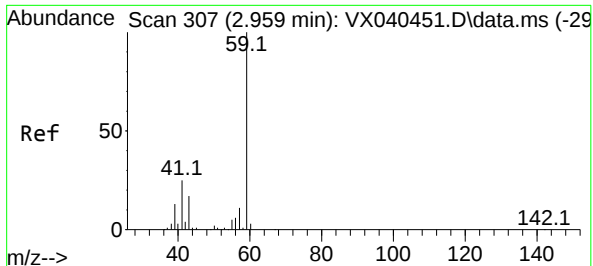
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#10
Methyl Iodide
Concen: 49.438 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:142 Resp: 54407
Ion Ratio Lower Upper
142 100
127 49.8 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 261.980 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 6885

Ion Ratio Lower Upper

59 100

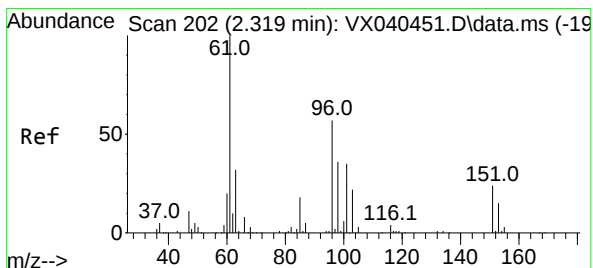
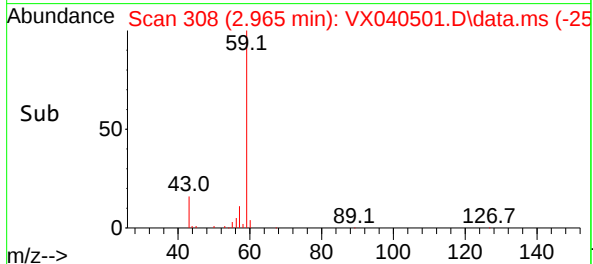
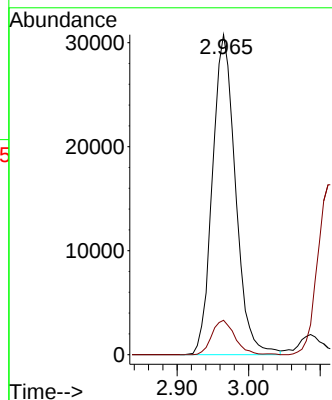
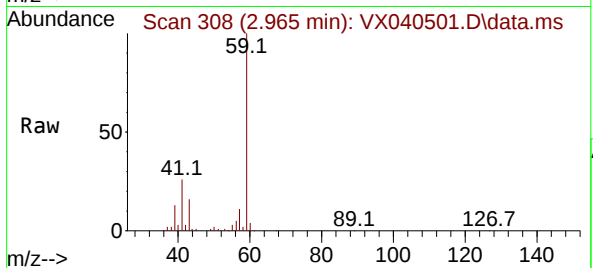
57 10.7 6.0 9.0

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#12

1,1-Dichloroethene

Concen: 45.694 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

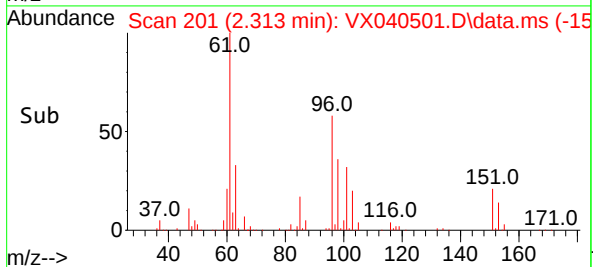
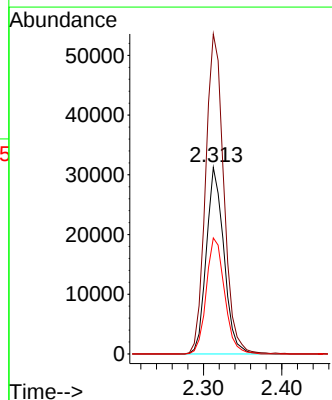
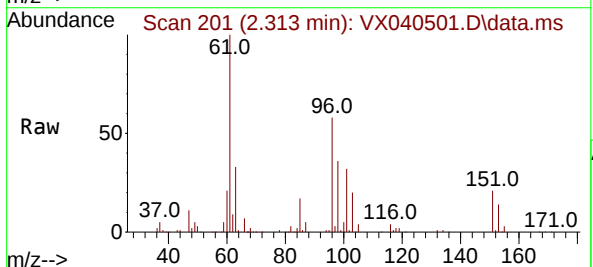
Tgt Ion: 96 Resp: 48664

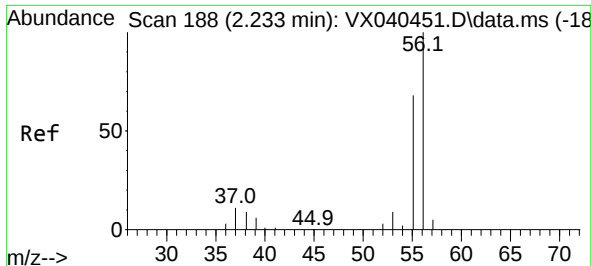
Ion Ratio Lower Upper

96 100

61 171.5 144.6 216.8

98 62.1 50.4 75.6





#13

Acrolein

Concen: 376.176 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 6338

Ion Ratio Lower Upper

56 100

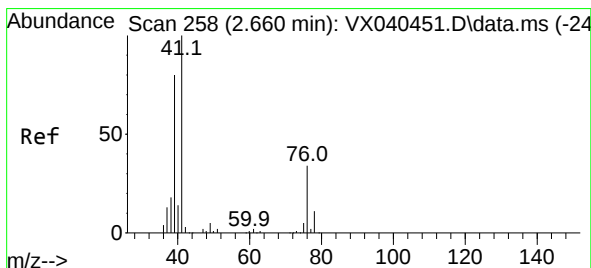
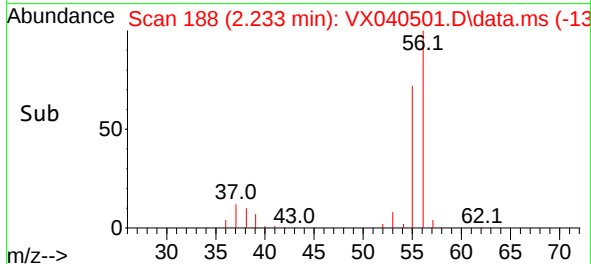
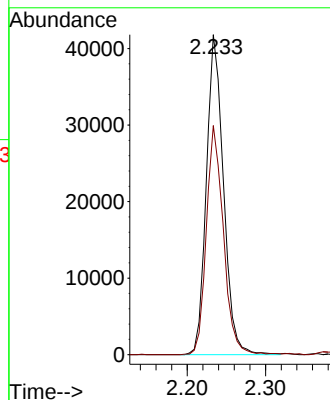
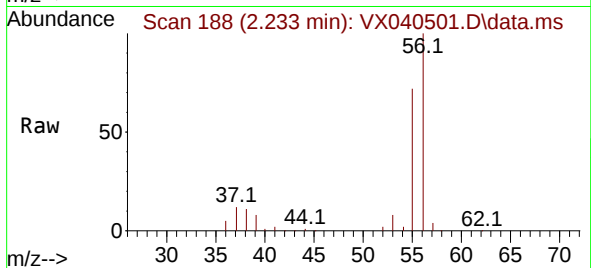
55 71.2 57.1 85.7

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#14

Allyl chloride

Concen: 46.853 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

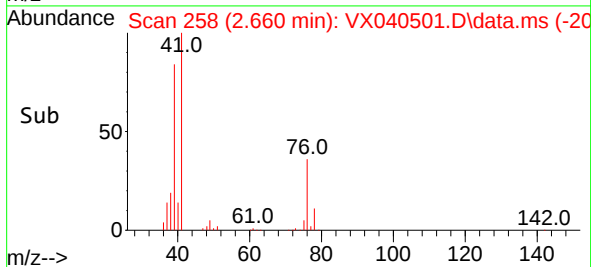
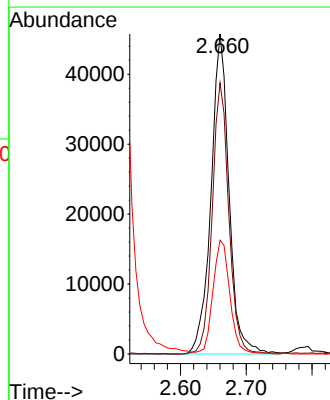
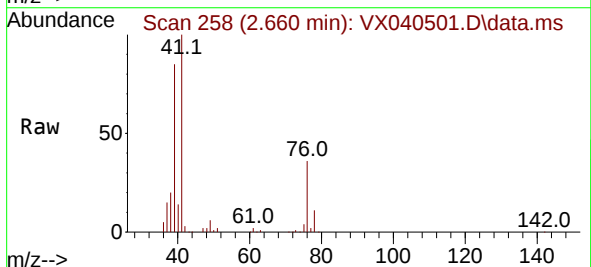
Tgt Ion: 41 Resp: 87298

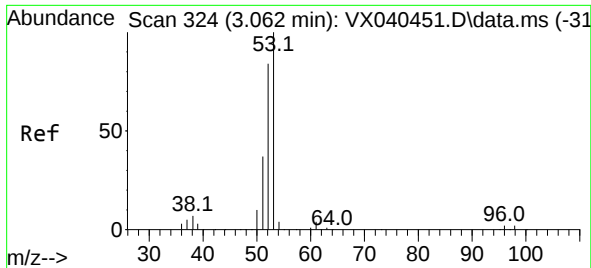
Ion Ratio Lower Upper

41 100

39 78.0 55.8 83.6

76 33.3 24.3 36.5





#15

Acrylonitrile

Concen: 238.719 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 15738

Ion Ratio Lower Upper

53 100

52 84.6 66.0 99.0

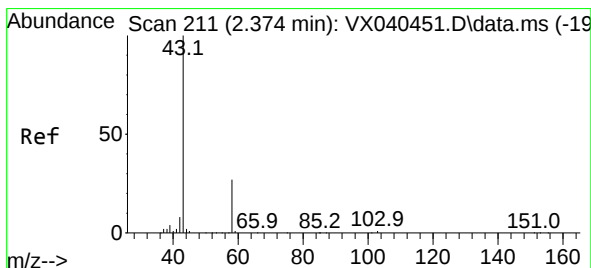
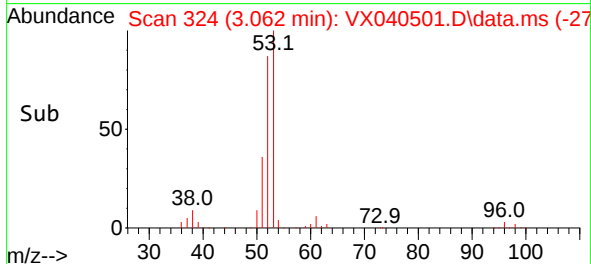
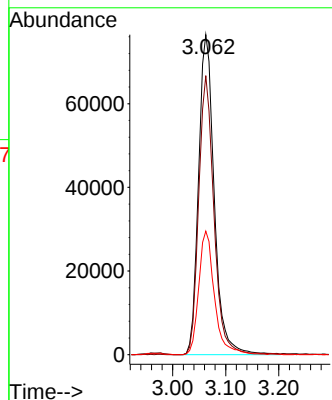
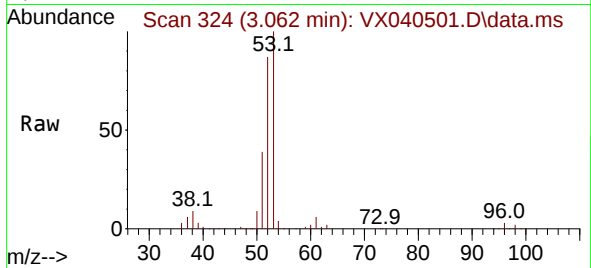
51 38.8 29.8 44.6

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#16

Acetone

Concen: 294.850 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX040501.D

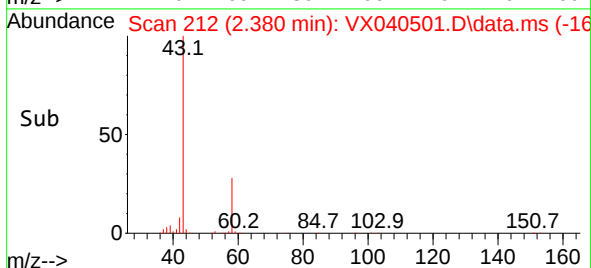
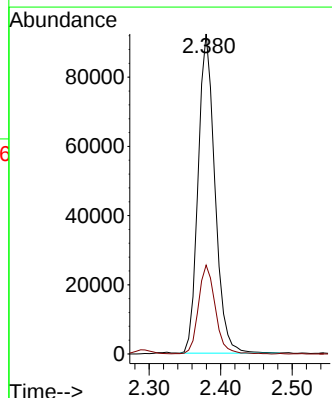
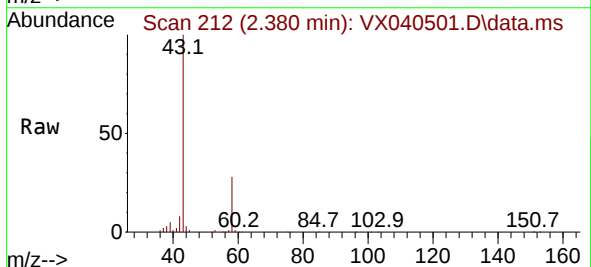
Acq: 28 Feb 2024 10:59

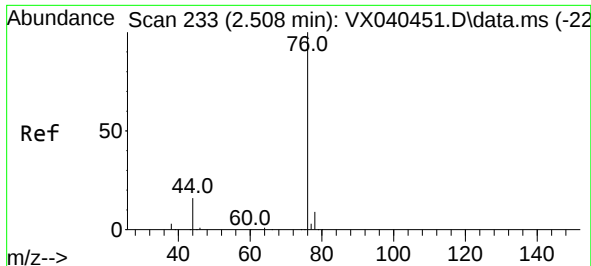
Tgt Ion: 43 Resp: 150335

Ion Ratio Lower Upper

43 100

58 27.7 21.9 32.9





#17

Carbon Disulfide

Concen: 42.453 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 125204

Ion Ratio Lower Upper

76 100

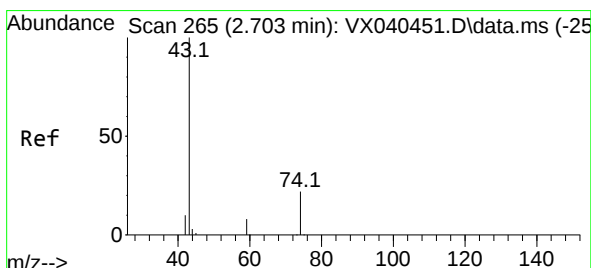
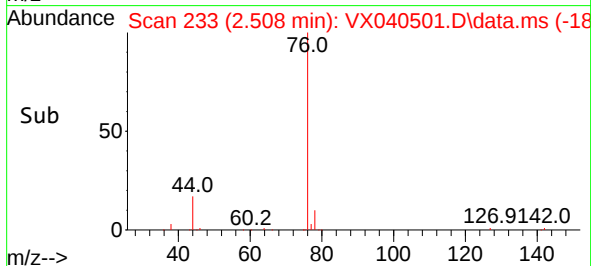
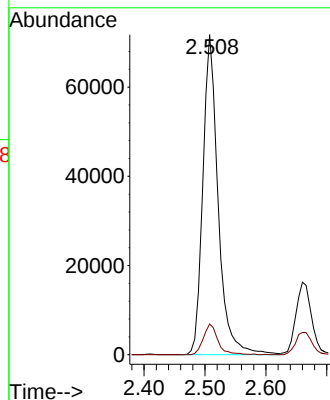
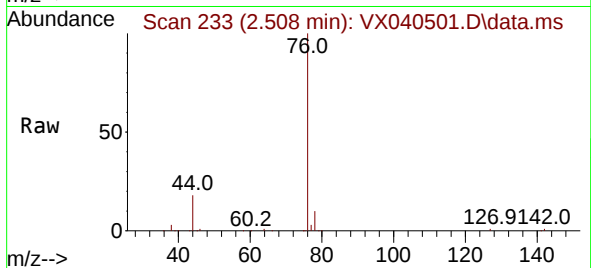
78 9.6 7.0 10.6

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Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#18

Methyl Acetate

Concen: 49.502 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040501.D

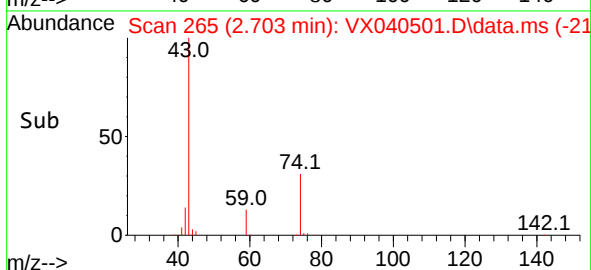
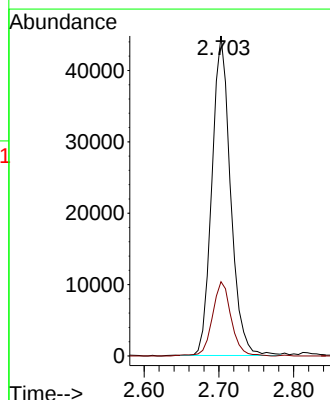
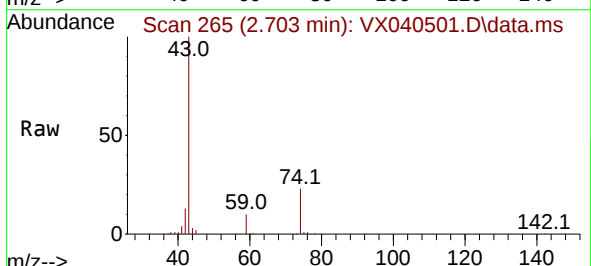
Acq: 28 Feb 2024 10:59

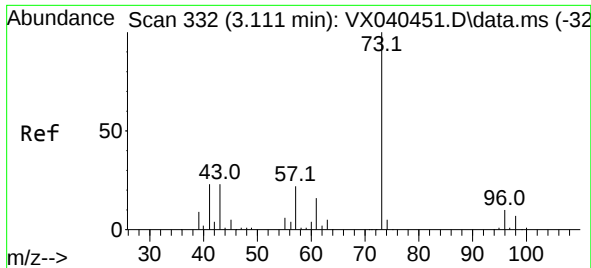
Tgt Ion: 43 Resp: 77812

Ion Ratio Lower Upper

43 100

74 23.4 17.8 26.8





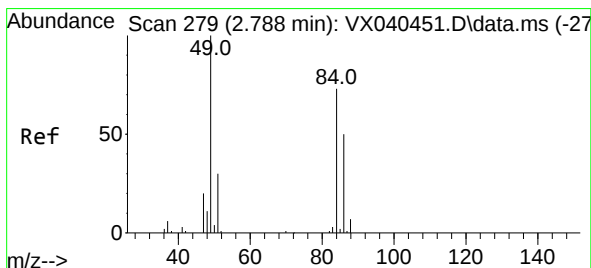
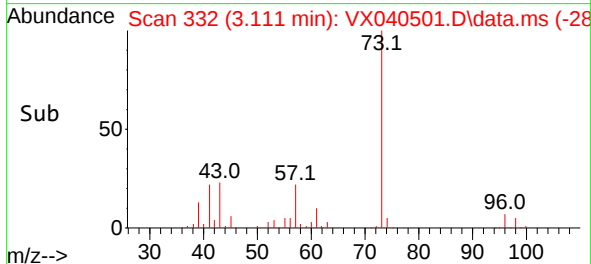
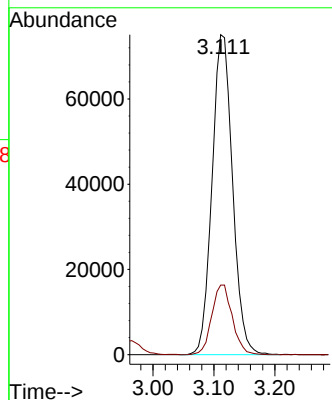
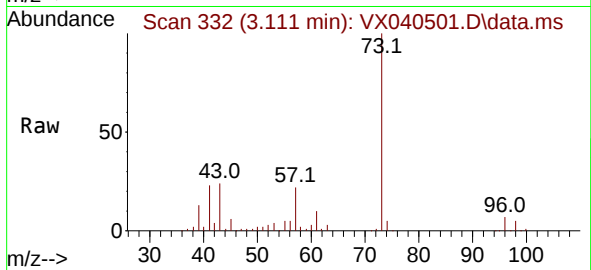
#19
Methyl tert-butyl Ether
Concen: 48.274 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 175364
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

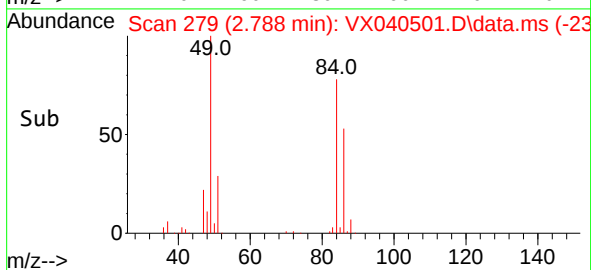
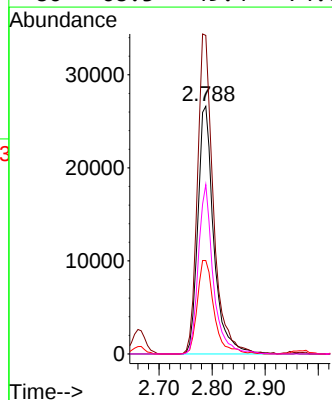
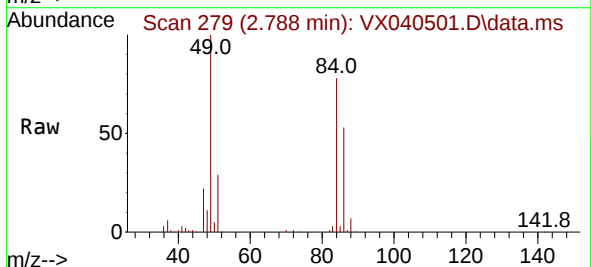
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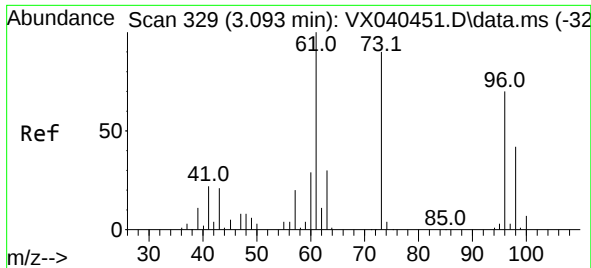
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#20
Methylene Chloride
Concen: 45.565 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 84 Resp: 55596
Ion Ratio Lower Upper
84 100
49 128.6 103.6 155.4
51 37.7 33.8 50.6
86 68.3 49.4 74.0





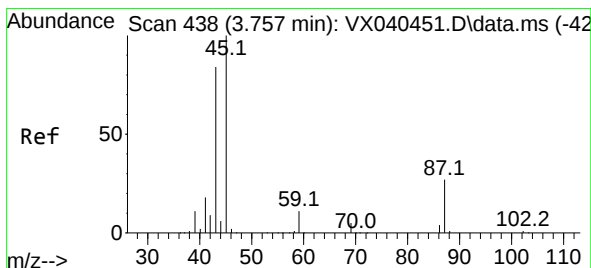
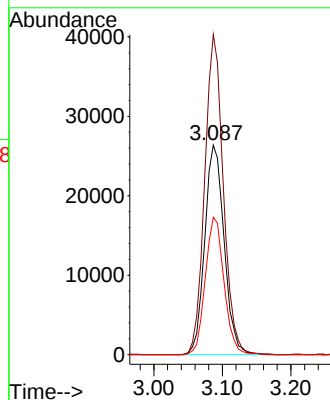
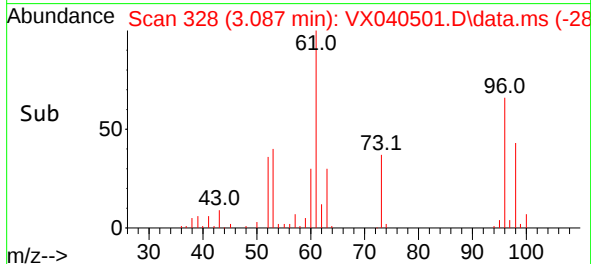
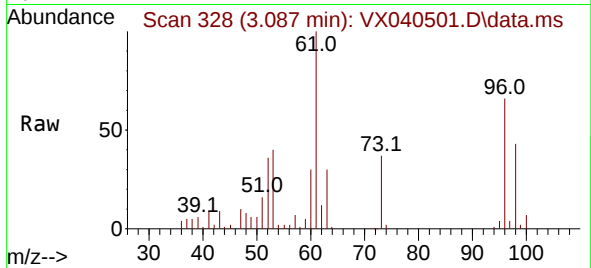
#21
trans-1,2-Dichloroethene
Concen: 45.888 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 52119
Ion Ratio Lower Upper
96 100
61 152.7 119.2 178.8
98 65.5 48.7 73.1

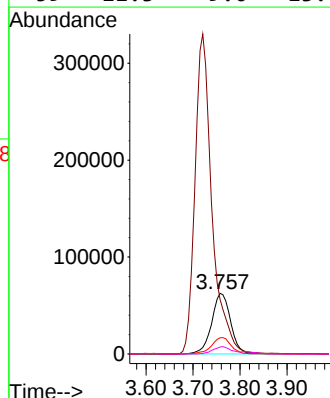
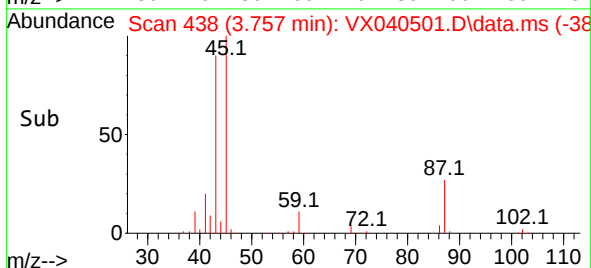
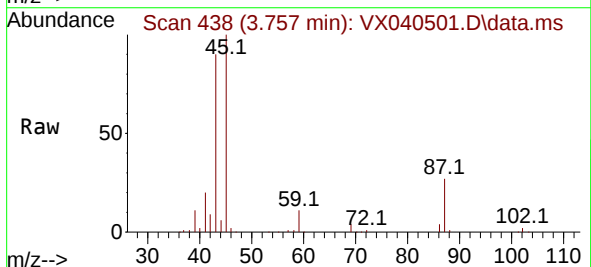
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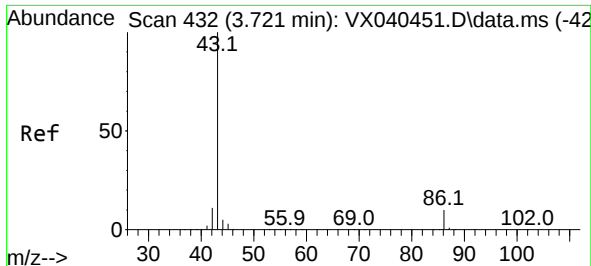
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#22
Diisopropyl ether
Concen: 46.617 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 45 Resp: 174545
Ion Ratio Lower Upper
45 100
43 89.5 69.7 104.5
87 26.7 20.8 31.2
59 11.3 9.0 13.4





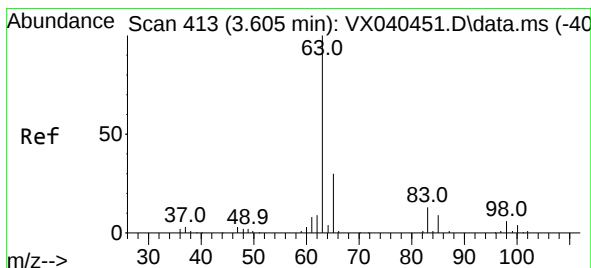
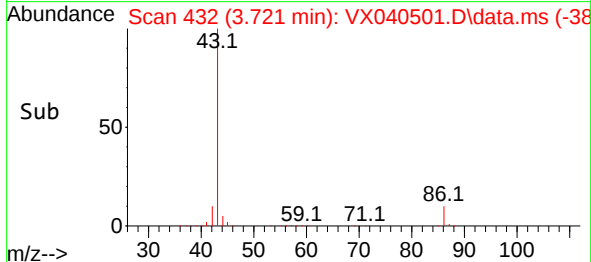
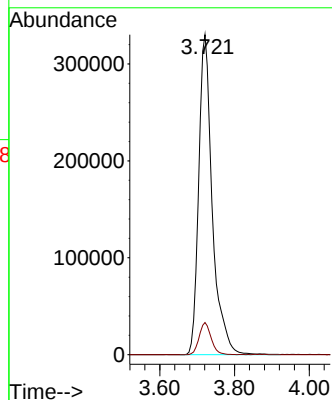
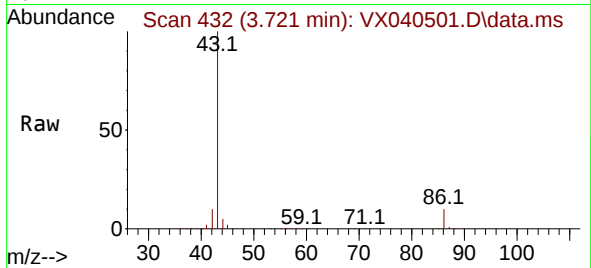
#23
 Vinyl Acetate
 Concen: 242.803 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 832775
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8

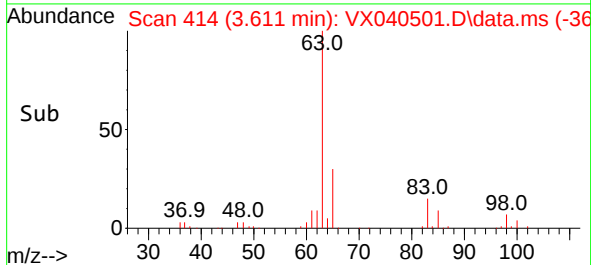
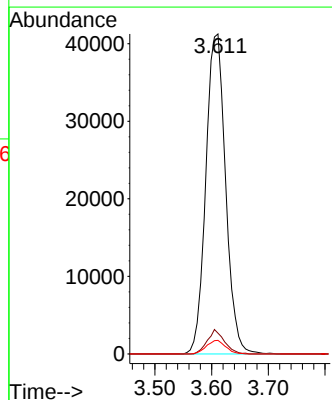
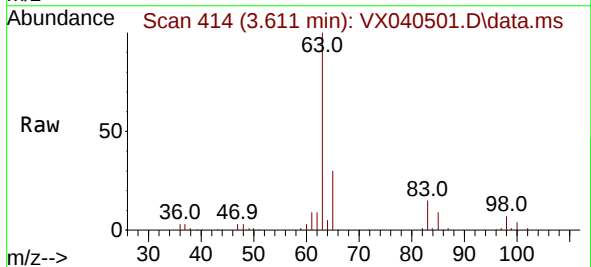
Manual Integrations
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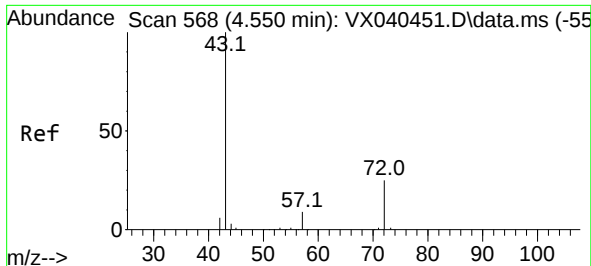
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#24
 1,1-Dichloroethane
 Concen: 45.802 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

Tgt Ion: 63 Resp: 100005
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.3 2.1 6.5





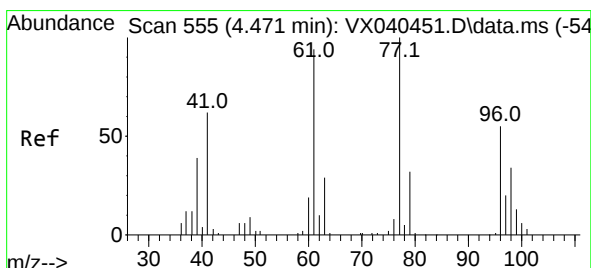
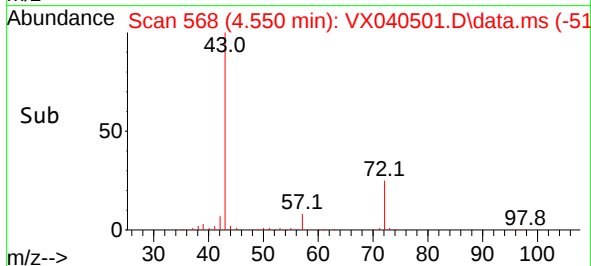
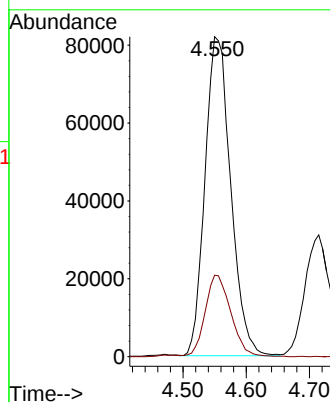
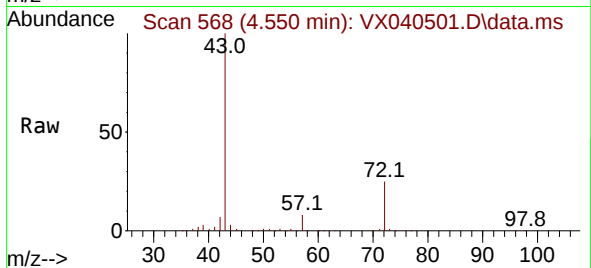
#25
2-Butanone
Concen: 261.215 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 232049
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2

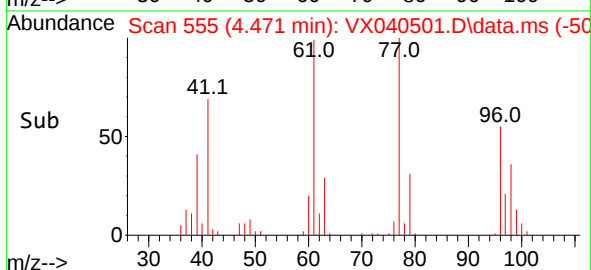
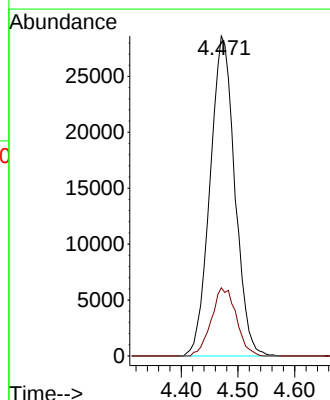
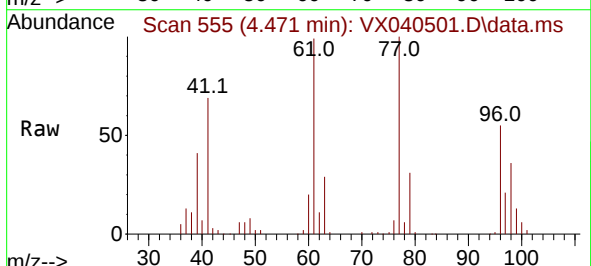
Manual Integrations
APPROVED

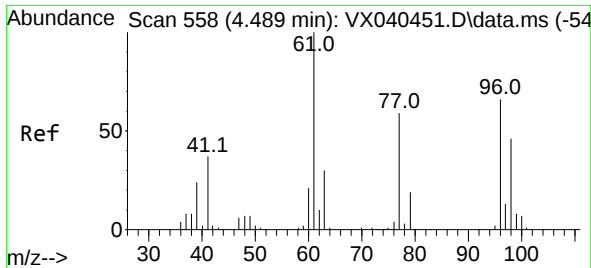
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#26
2,2-Dichloropropane
Concen: 49.947 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

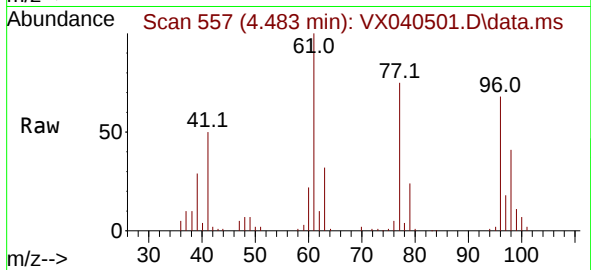
Tgt Ion: 77 Resp: 86830
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 46.154 ug/l
RT: 4.483 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

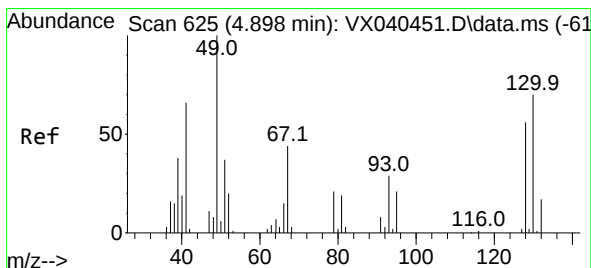
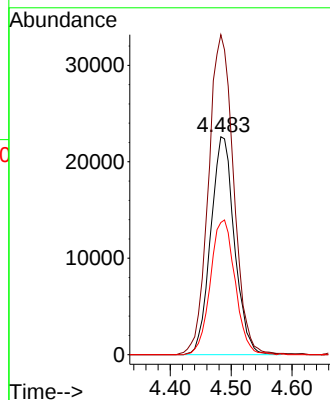
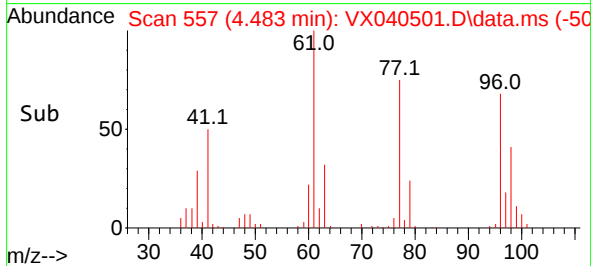
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6132
Ion Ratio Lower Upper
96 100
61 155.4 0.0 312.2
98 64.2 0.0 129.0

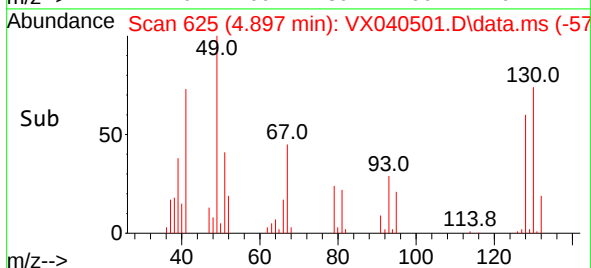
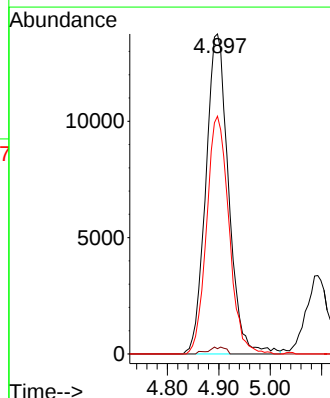
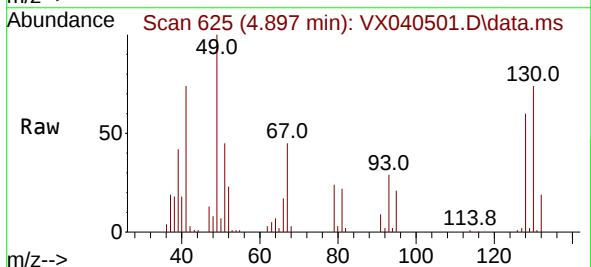
Manual Integrations
APPROVED

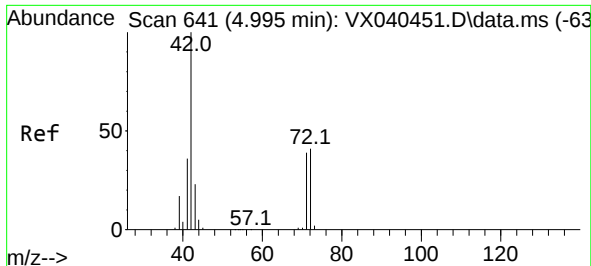
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#28
Bromochloromethane
Concen: 46.306 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 49 Resp: 42293
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 73.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 242.288 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

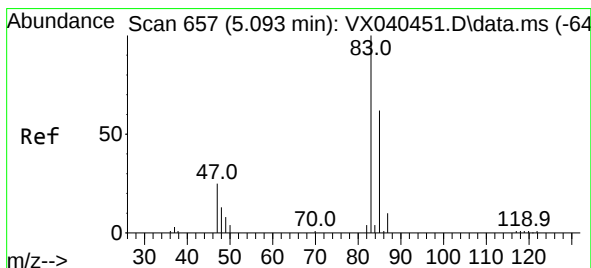
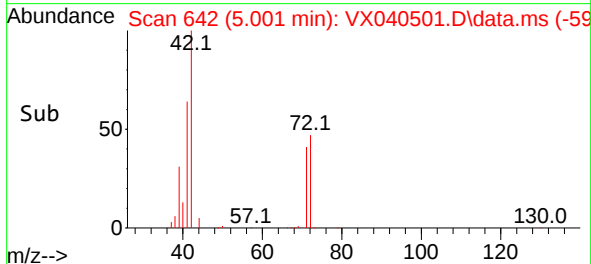
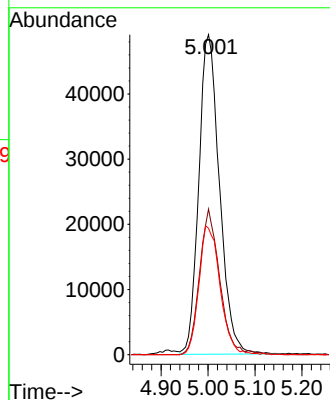
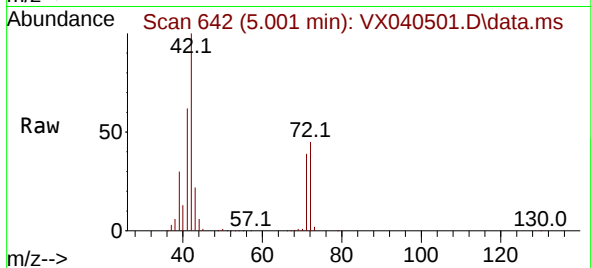
Tgt Ion:	42	Resp:	15015
Ion Ratio	Lower	Upper	
42	100		
72	43.9	34.2	51.4
71	41.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#30

Chloroform

Concen: 47.632 ug/l

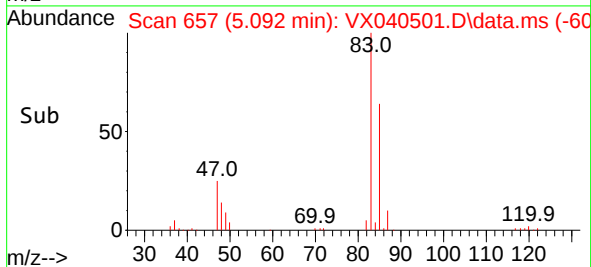
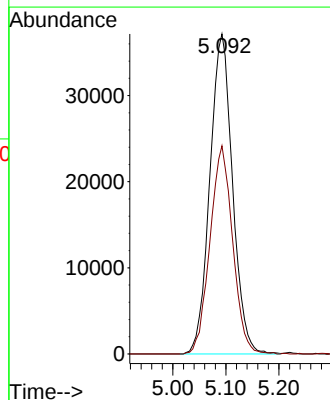
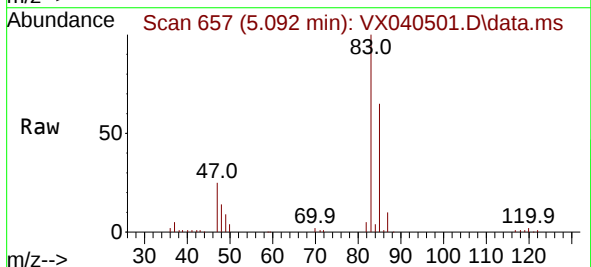
RT: 5.092 min Scan# 657

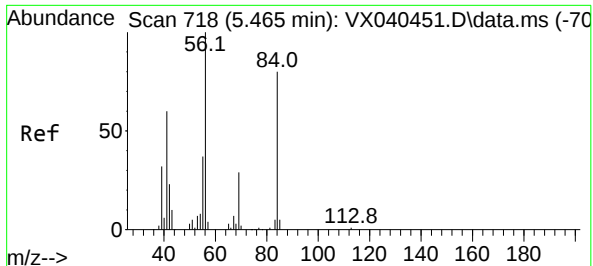
Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

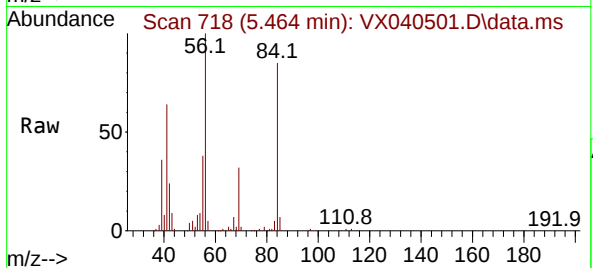
Tgt Ion:	83	Resp:	110392
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.3	75.5





#31
Cyclohexane
Concen: 46.500 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

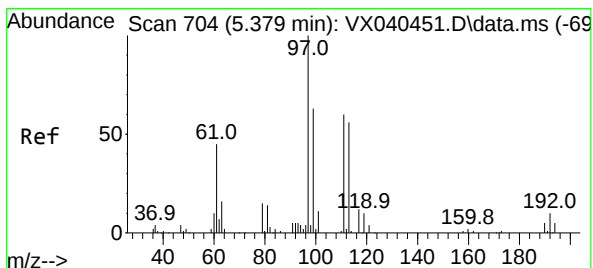
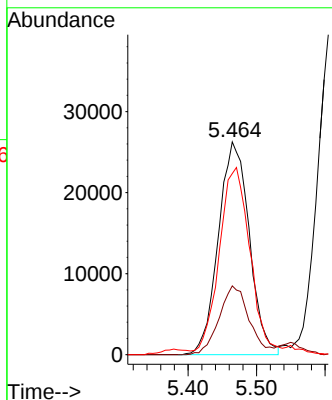
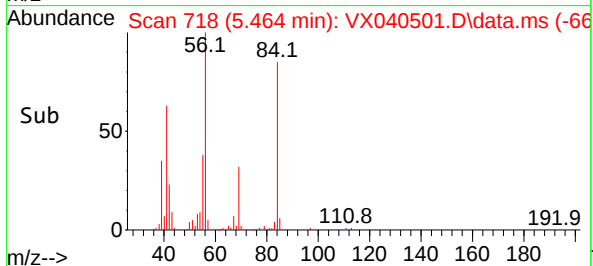
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8236
Ion Ratio Lower Upper
56 100
69 32.3 23.4 35.2
84 82.9 65.9 98.9

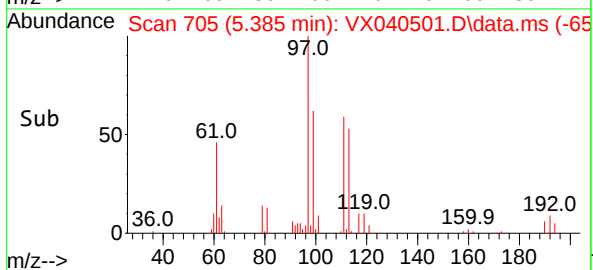
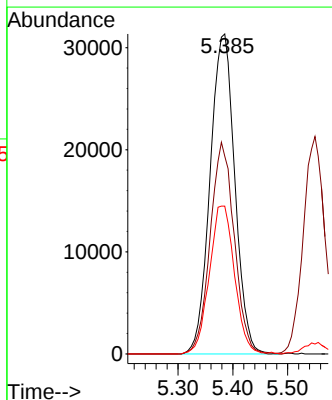
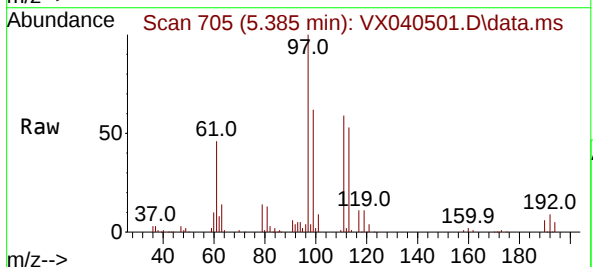
Manual Integrations
APPROVED

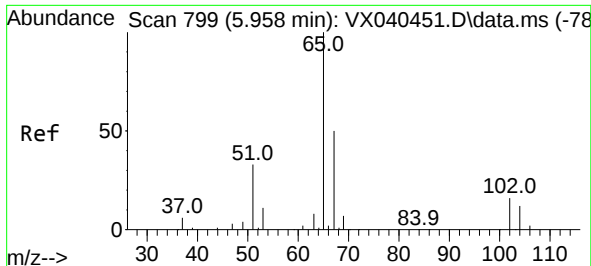
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#32
1,1,1-Trichloroethane
Concen: 49.628 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 97 Resp: 98168
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 47.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.855 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 74820

Ion Ratio Lower Upper

65 100

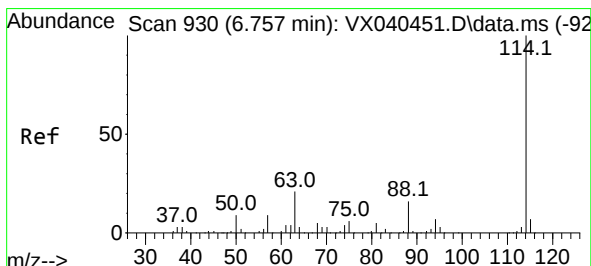
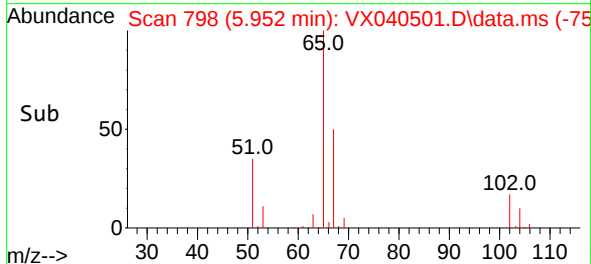
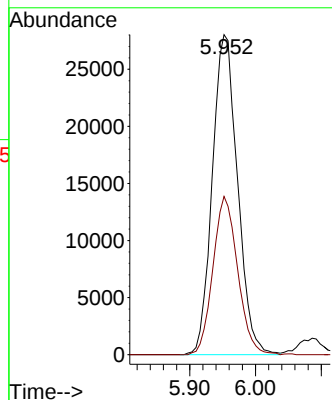
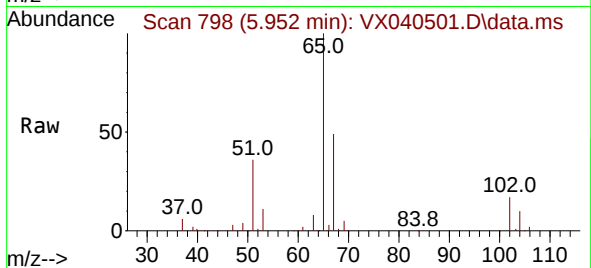
67 48.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

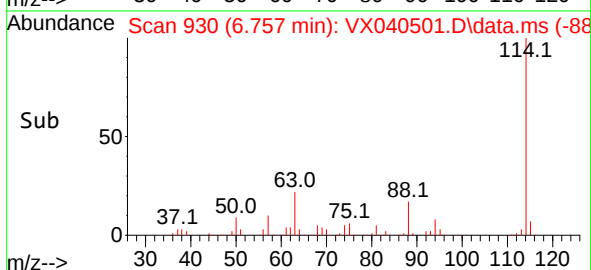
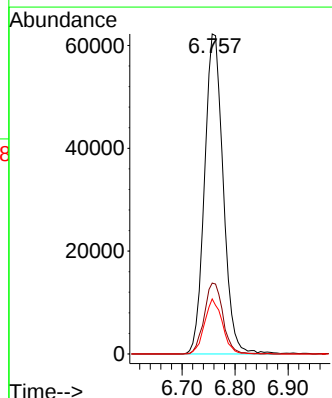
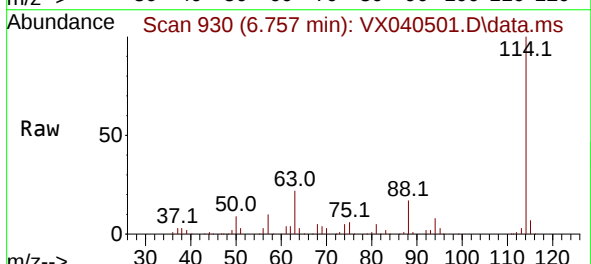
Tgt Ion:114 Resp: 151918

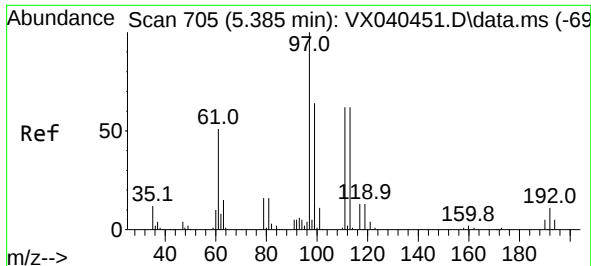
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.246 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 5202

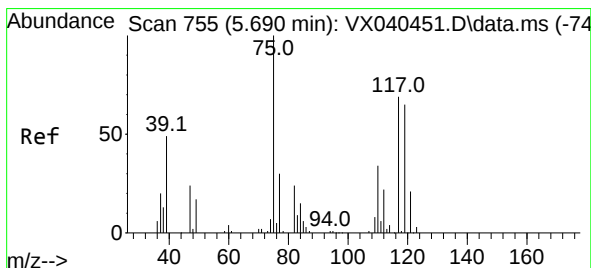
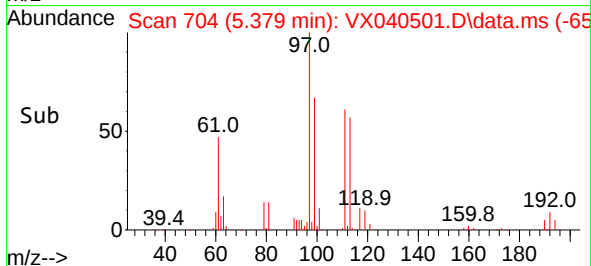
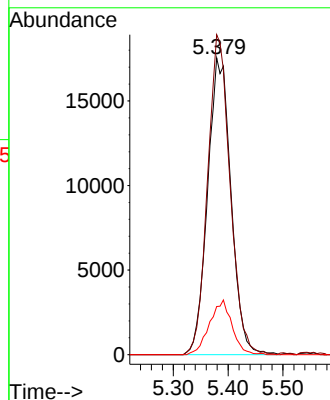
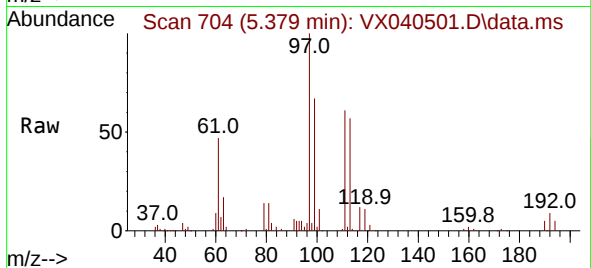
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.9	124.3
192	17.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#36

1,1-Dichloropropene

Concen: 49.478 ug/l

RT: 5.690 min Scan# 755

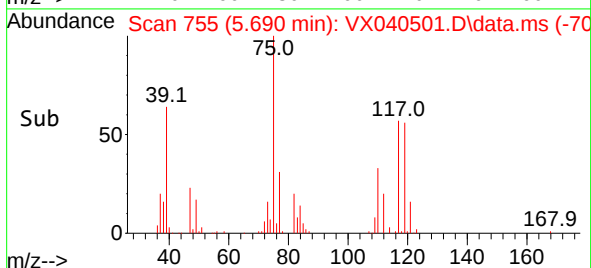
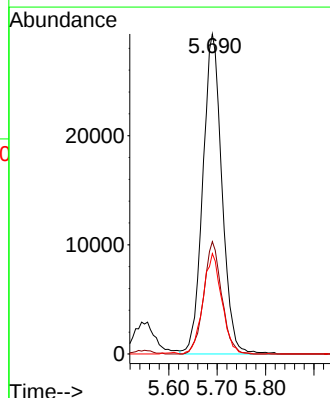
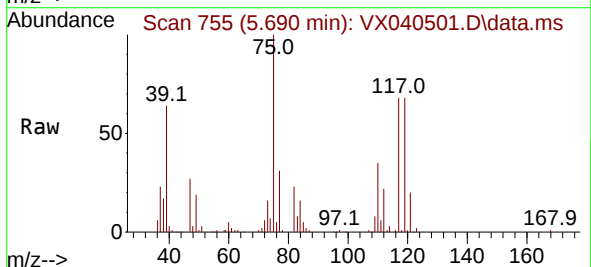
Delta R.T. -0.000 min

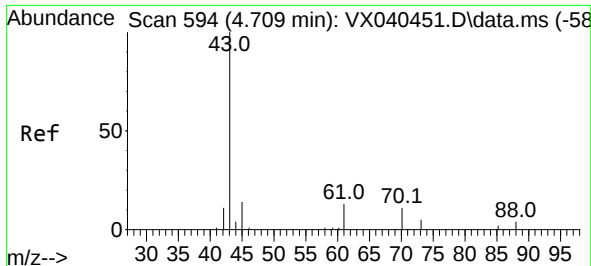
Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion: 75 Resp: 80532

Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.0	50.9
77	30.8	24.7	37.1





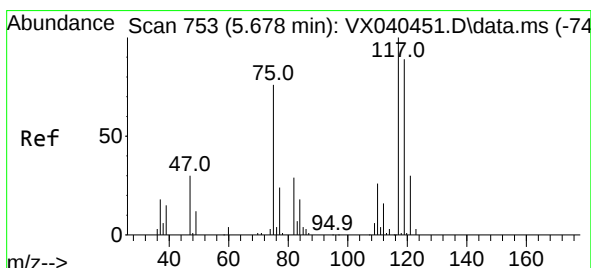
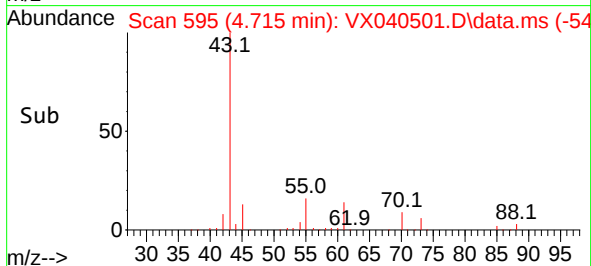
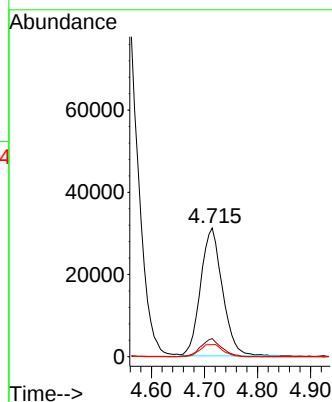
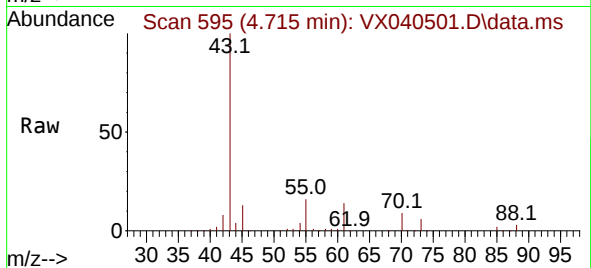
#37
Ethyl Acetate
Concen: 50.021 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8910
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 9.9 8.3 12.5

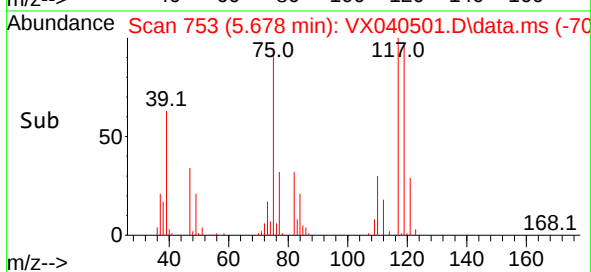
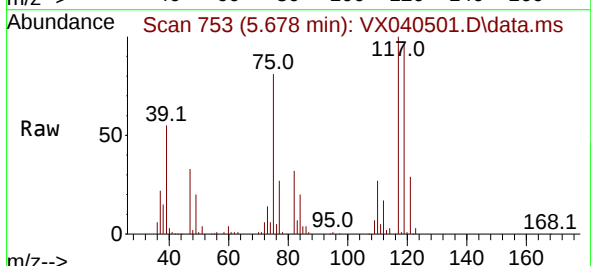
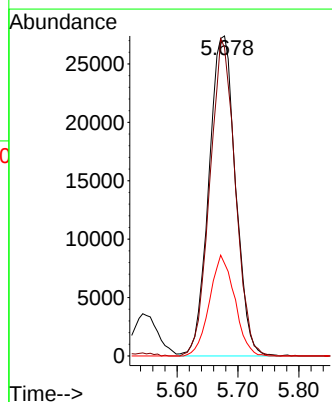
Manual Integrations
APPROVED

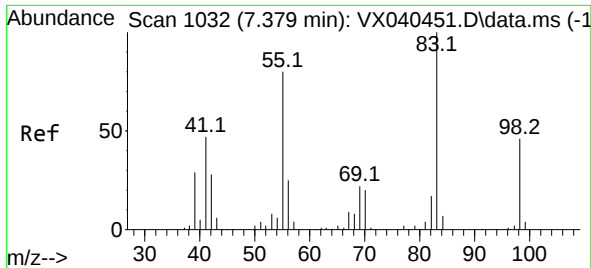
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#38
Carbon Tetrachloride
Concen: 52.817 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:117 Resp: 83048
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 28.9 24.4 36.6





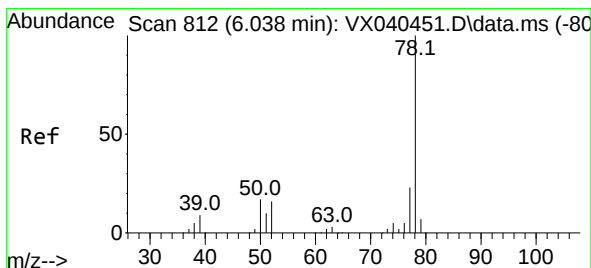
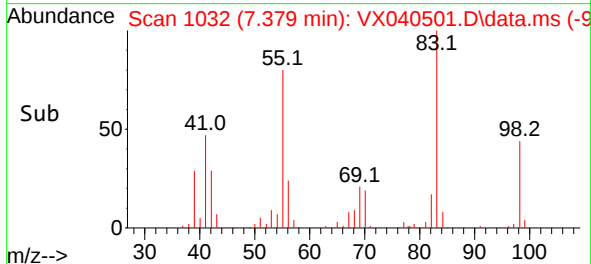
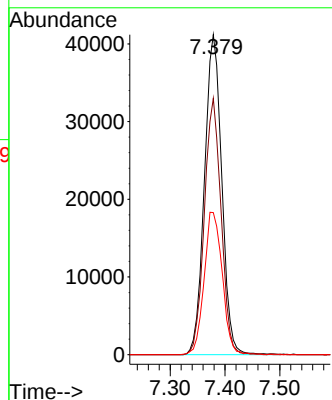
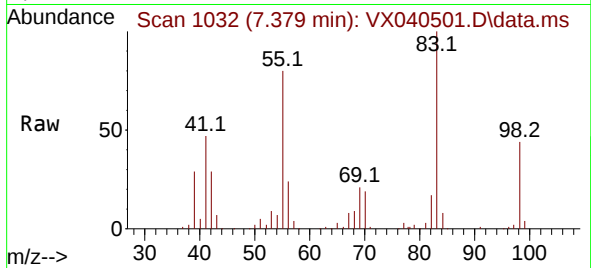
#39
Methylcyclohexane
Concen: 51.263 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90083
Ion Ratio Lower Upper
83 100
55 80.1 64.6 97.0
98 44.4 36.7 55.1

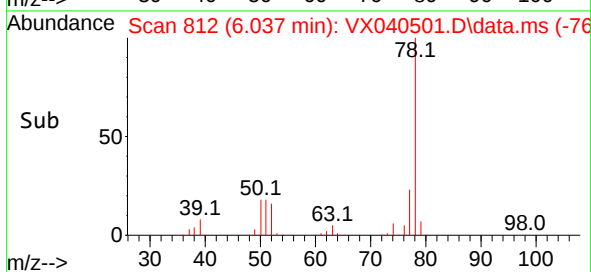
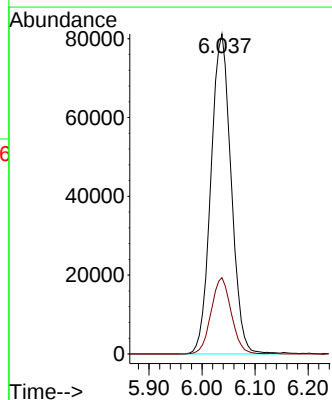
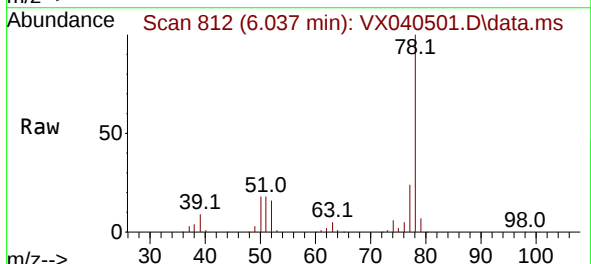
Manual Integrations
APPROVED

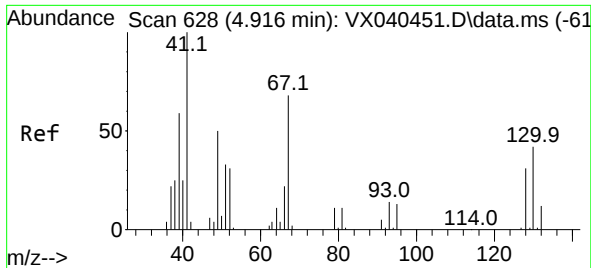
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#40
Benzene
Concen: 48.821 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

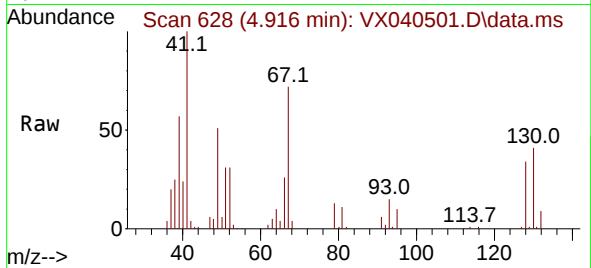
Tgt Ion: 78 Resp: 215136
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 49.811 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

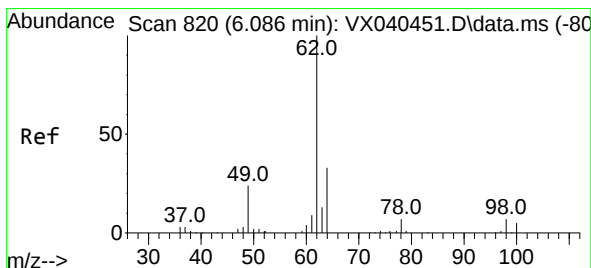
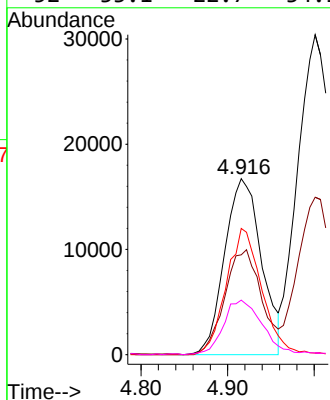
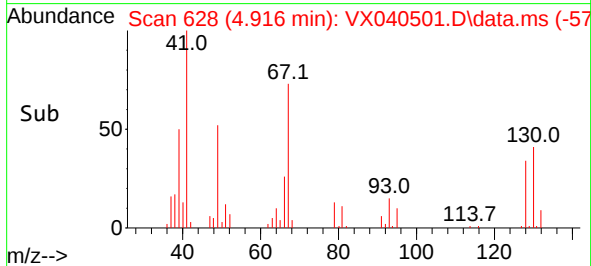
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 49562
Ion Ratio Lower Upper
41 100
39 59.6 45.2 67.8
67 68.9 52.6 78.8
52 33.1 22.7 34.1

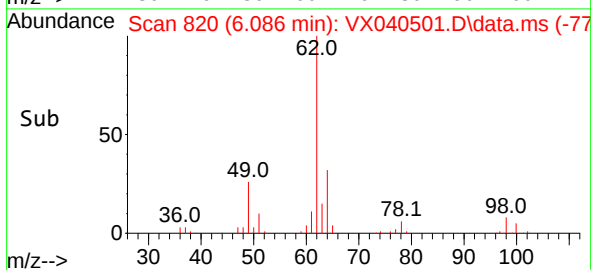
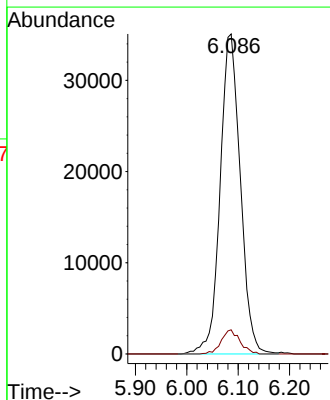
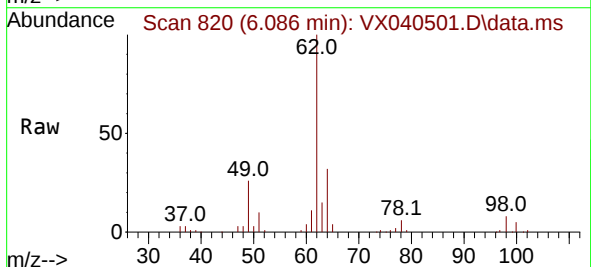
Manual Integrations
APPROVED

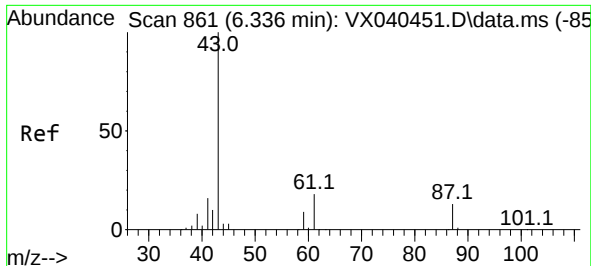
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#42
1,2-Dichloroethane
Concen: 52.505 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 62 Resp: 95762
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.714 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 141748

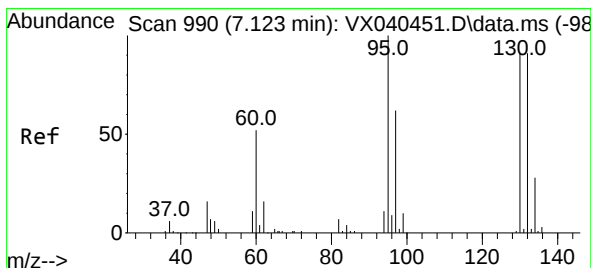
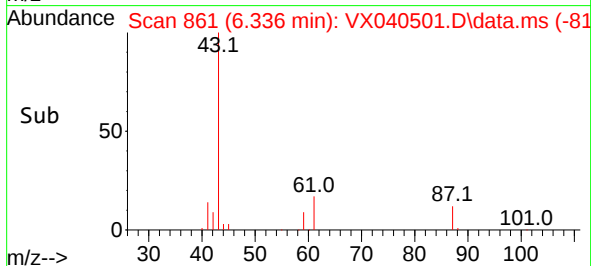
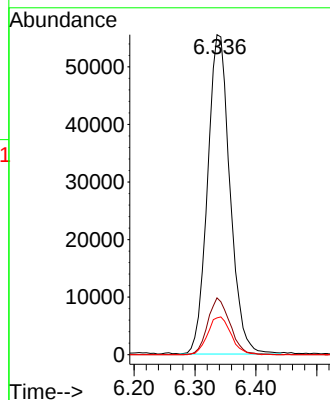
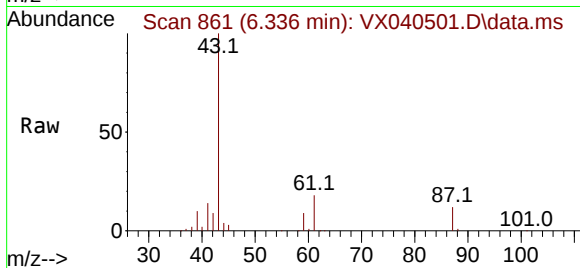
Ion	Ratio	Lower	Upper
43	100		
61	17.7	15.2	22.8
87	12.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#44

Trichloroethene

Concen: 48.730 ug/l

RT: 7.123 min Scan# 990

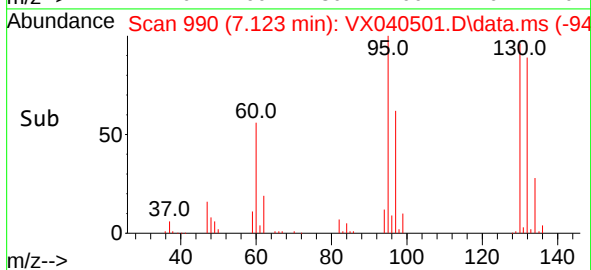
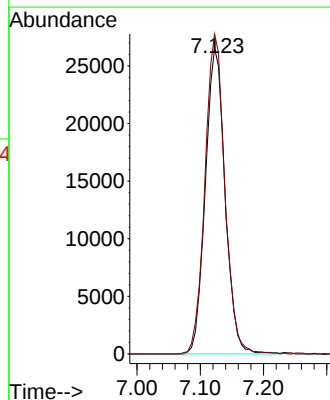
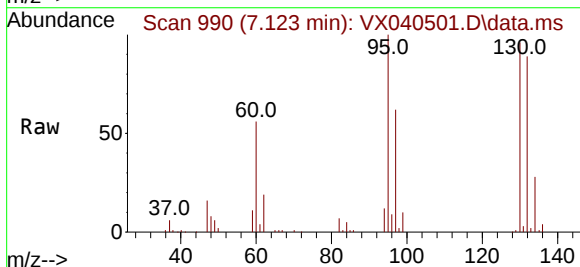
Delta R.T. -0.000 min

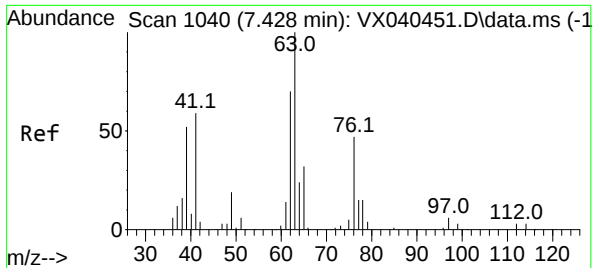
Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion:130 Resp: 57751

Ion	Ratio	Lower	Upper
130	100		
95	104.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 48.740 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5748

Ion Ratio Lower Upper

63 100

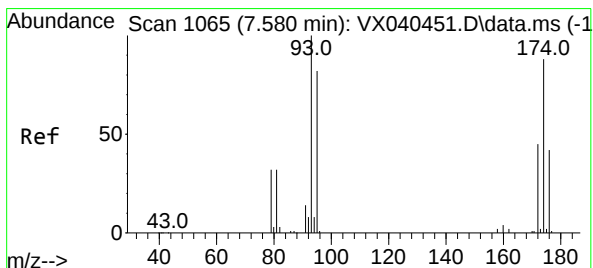
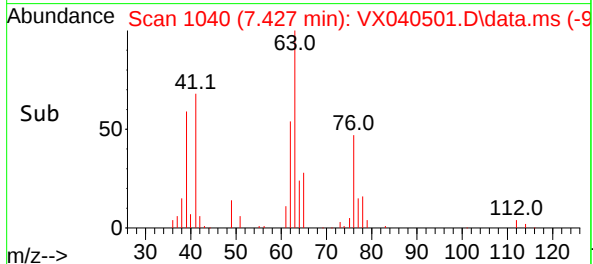
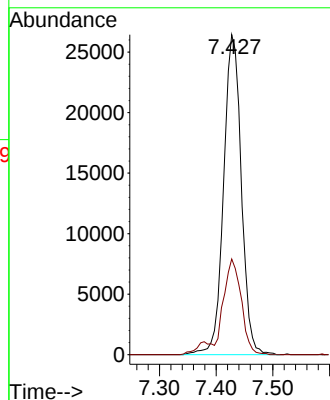
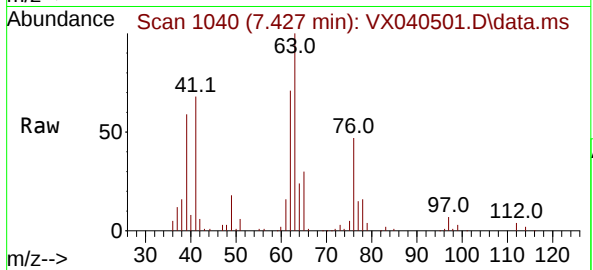
65 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#46

Dibromomethane

Concen: 50.363 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

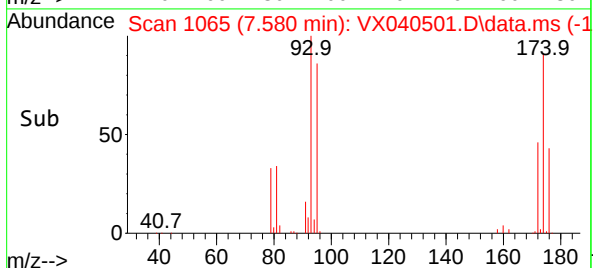
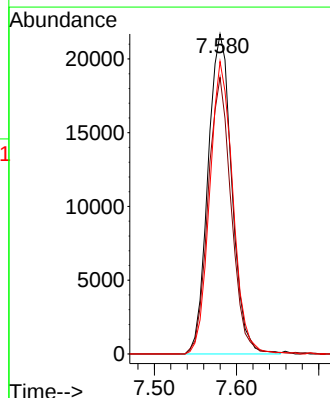
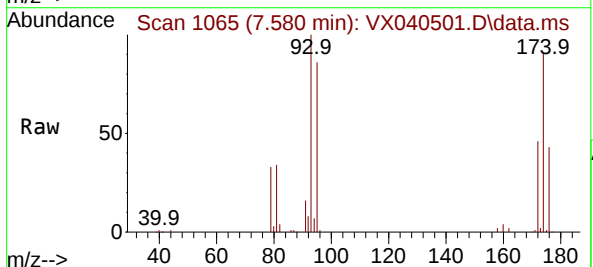
Tgt Ion: 93 Resp: 43668

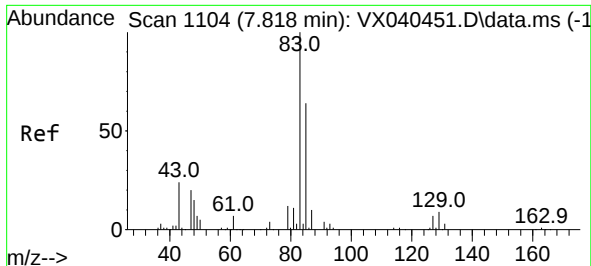
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 88.9 69.4 104.0





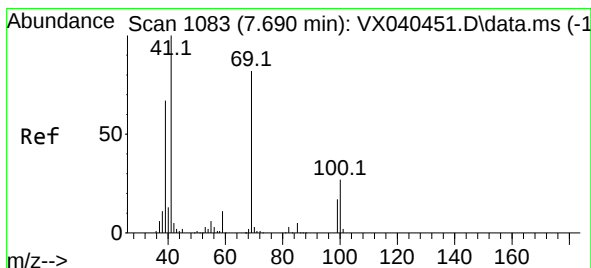
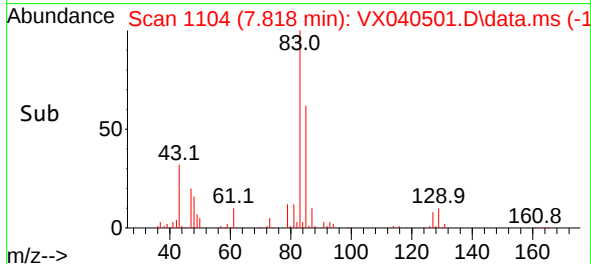
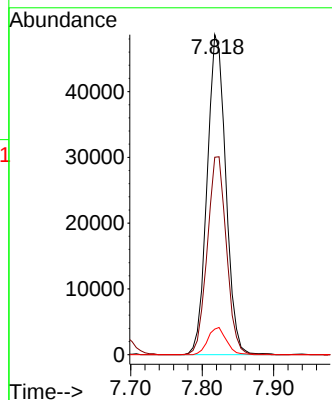
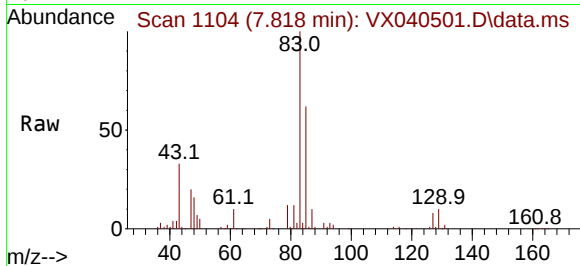
#47
Bromodichloromethane
Concen: 51.746 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88340
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.0 7.1 10.7

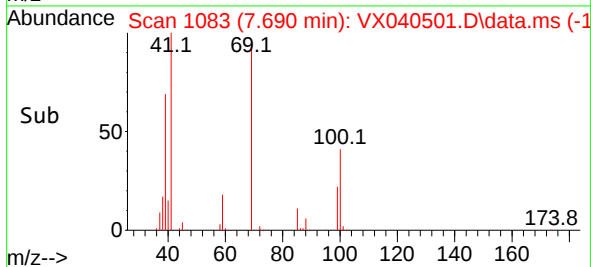
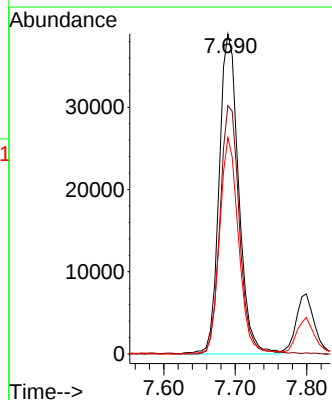
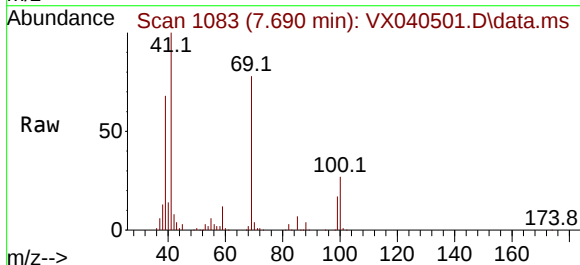
Manual Integrations
APPROVED

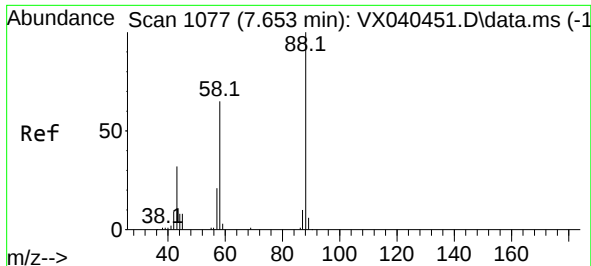
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#48
Methyl methacrylate
Concen: 52.732 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 41 Resp: 73667
Ion Ratio Lower Upper
41 100
69 77.4 59.2 88.8
39 66.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1042.145 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 2754

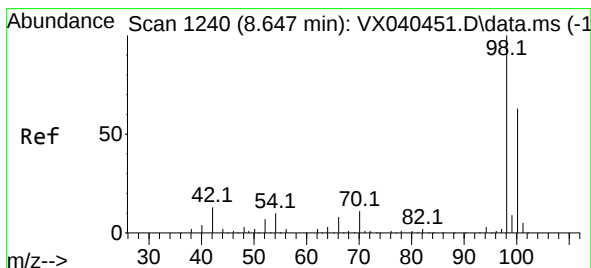
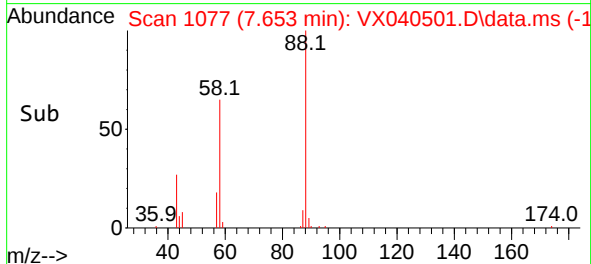
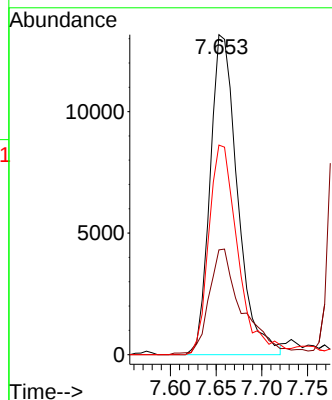
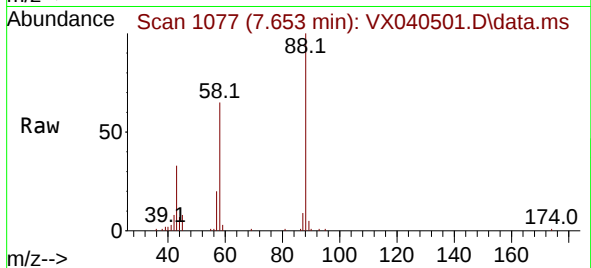
Ion	Ratio	Lower	Upper
88	100		
43	40.4	0.0	0.0
58	69.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#50

Toluene-d8

Concen: 48.951 ug/l

RT: 8.647 min Scan# 1240

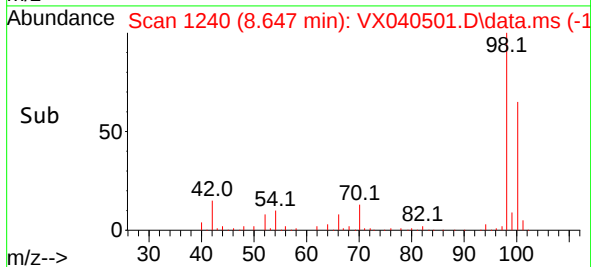
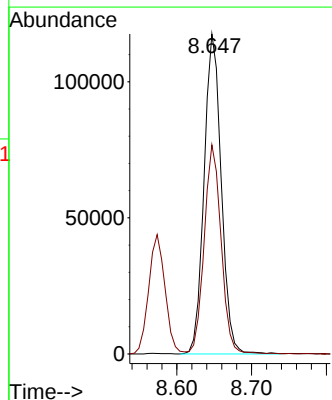
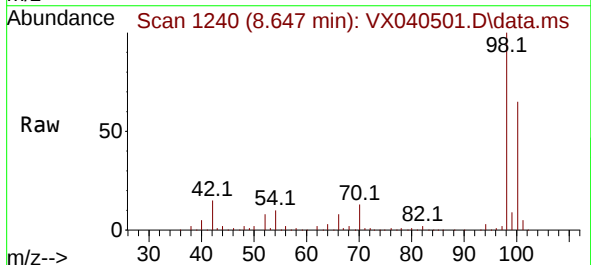
Delta R.T. -0.000 min

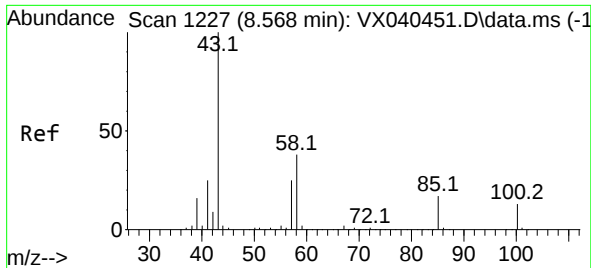
Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion: 98 Resp: 187713

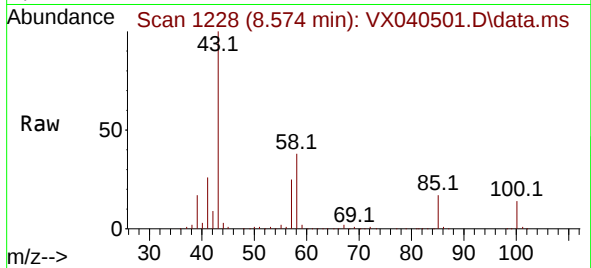
Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 263.571 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

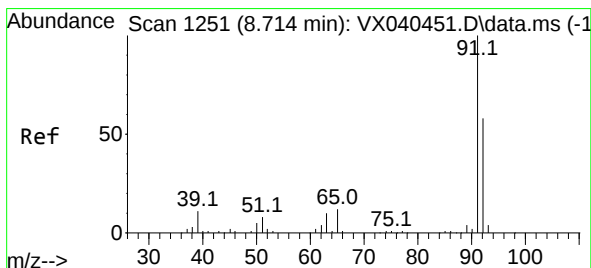
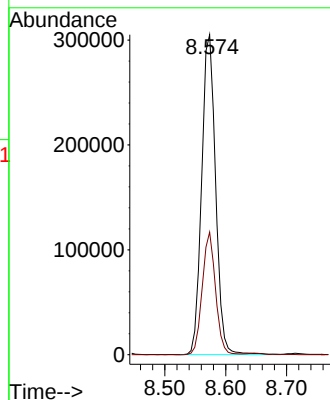
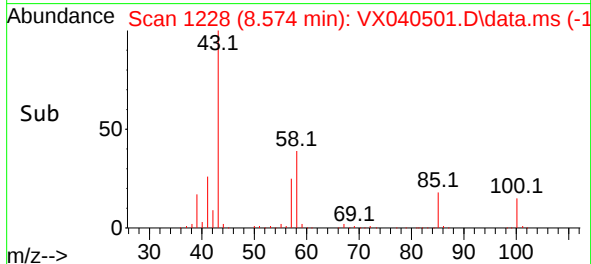
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 48707
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6

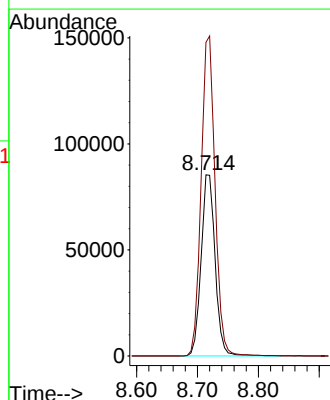
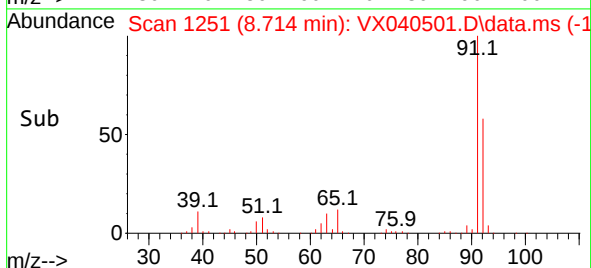
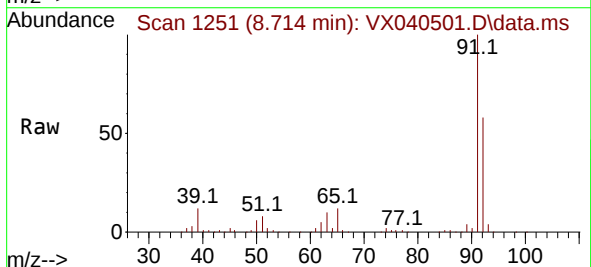
Manual Integrations
APPROVED

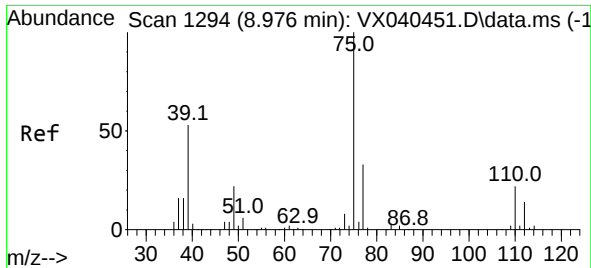
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#52
Toluene
Concen: 50.378 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 92 Resp: 136245
Ion Ratio Lower Upper
92 100
91 176.4 134.2 201.2





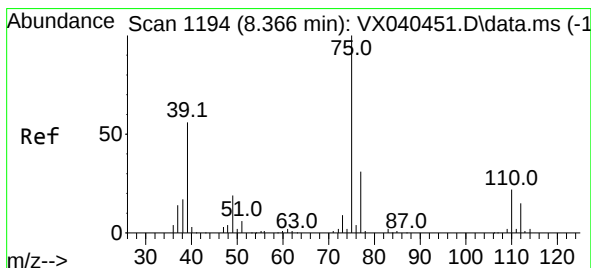
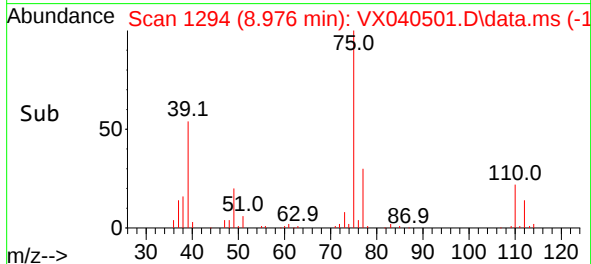
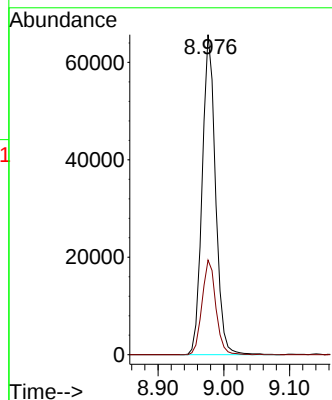
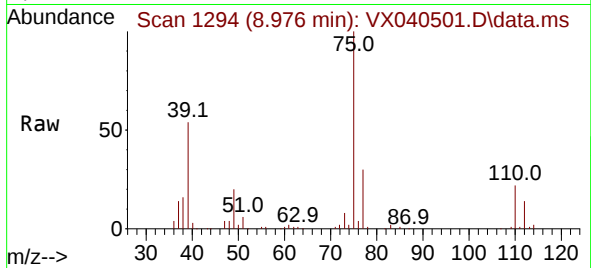
#53
 t-1,3-Dichloropropene
 Concen: 53.367 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 9246
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.7 38.5

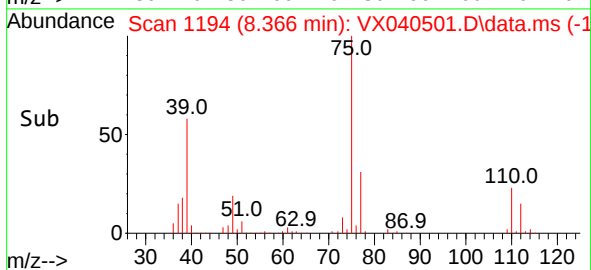
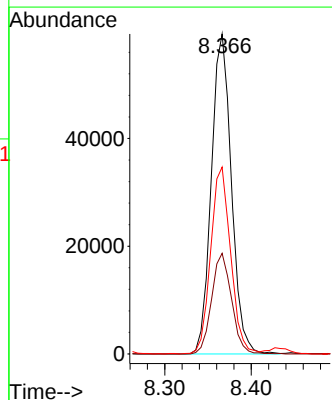
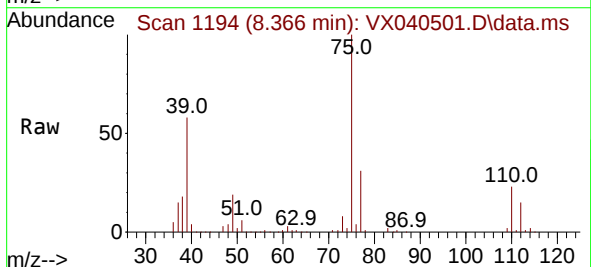
Manual Integrations
 APPROVED

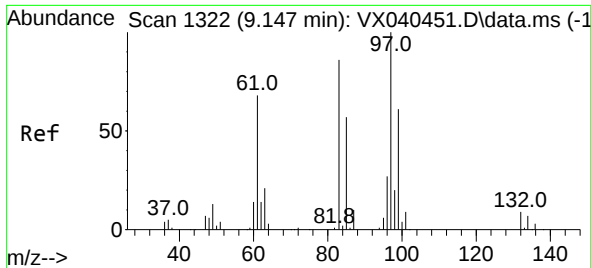
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#54
 cis-1,3-Dichloropropene
 Concen: 51.330 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

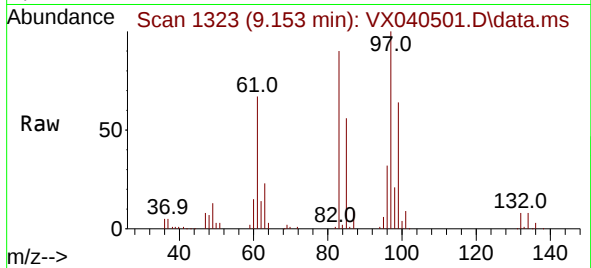
Tgt Ion: 75 Resp: 95592
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 58.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 52.290 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

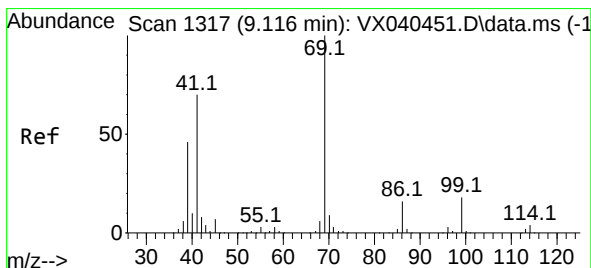
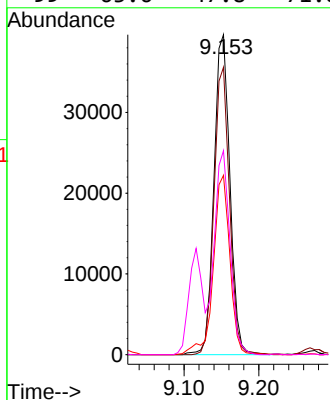
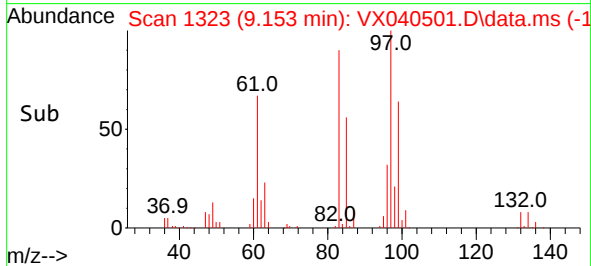
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	65.8	98.8
85	56.1	41.6	62.4
99	63.6	47.8	71.8

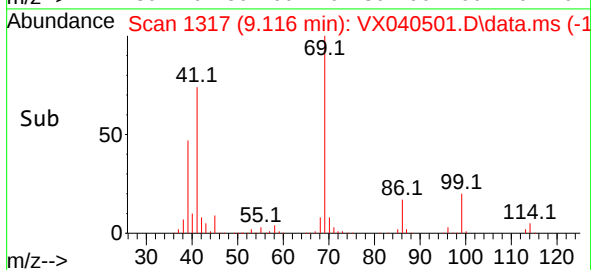
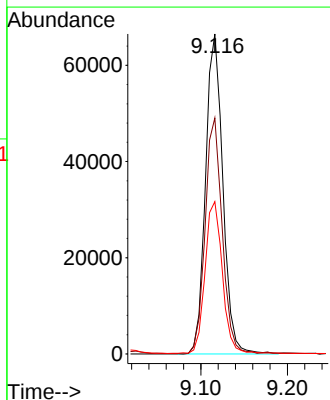
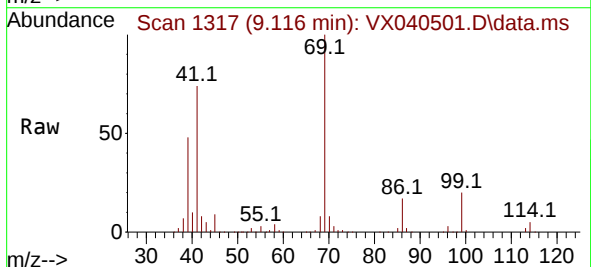
Manual Integrations
APPROVED

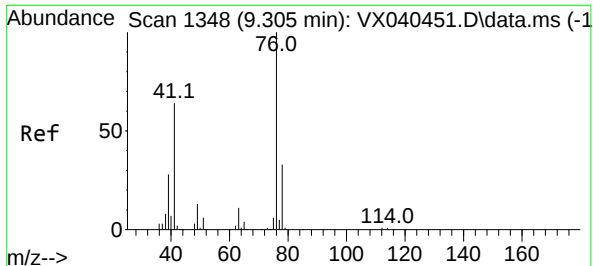
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#56
Ethyl methacrylate
Concen: 53.222 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.9	56.8	85.2
39	47.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.878 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 99458

Ion Ratio Lower Upper

76 100

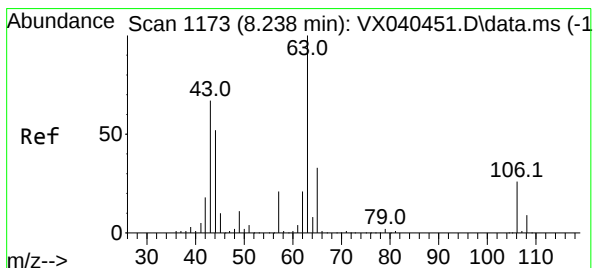
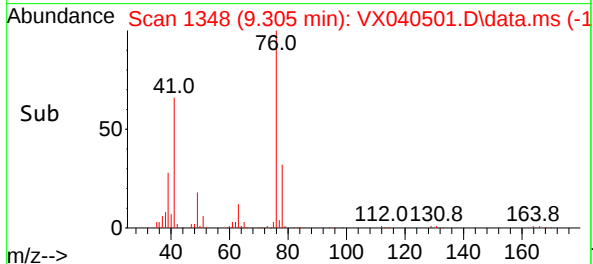
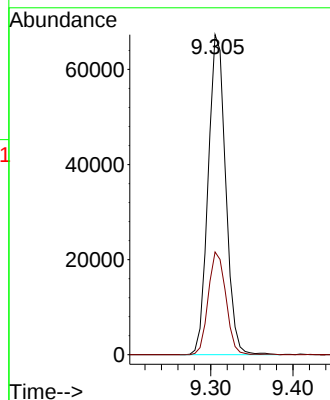
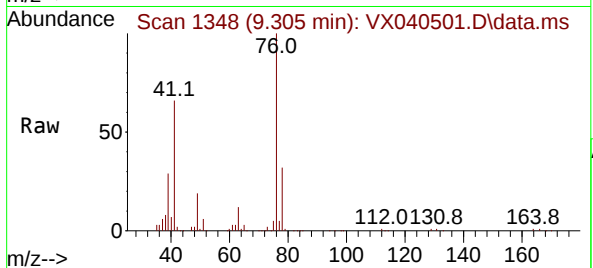
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 263.039 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040501.D

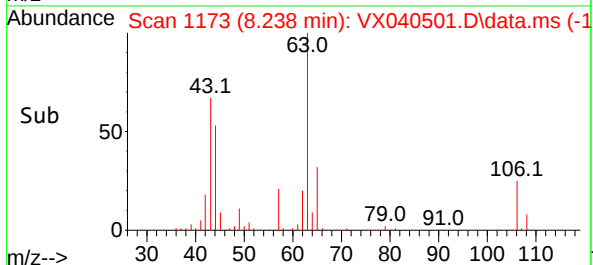
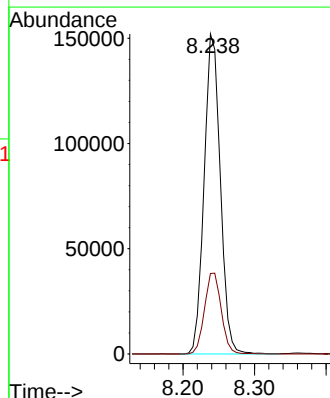
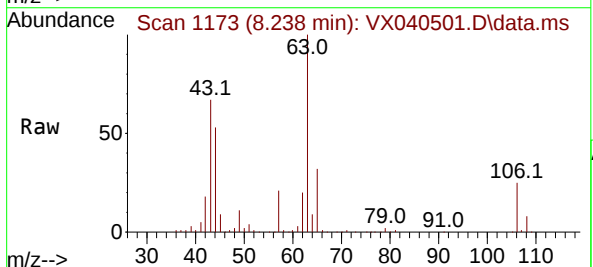
Acq: 28 Feb 2024 10:59

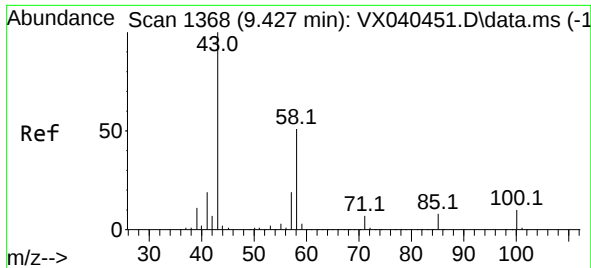
Tgt Ion: 63 Resp: 239326

Ion Ratio Lower Upper

63 100

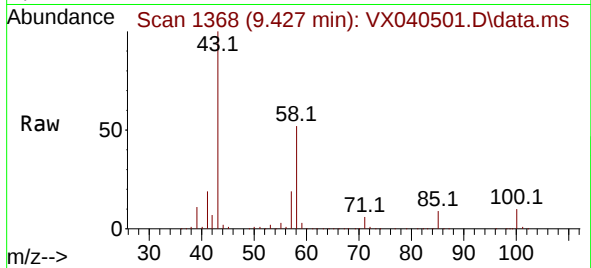
106 26.2 22.5 33.7





#59
2-Hexanone
Concen: 272.734 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

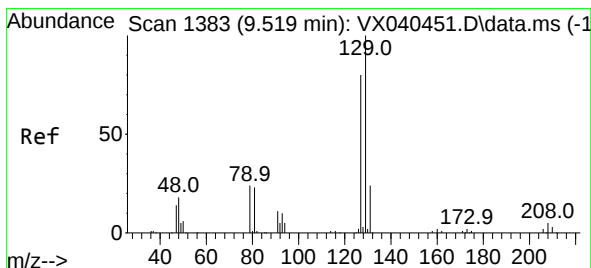
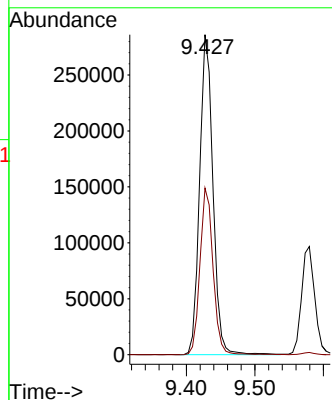
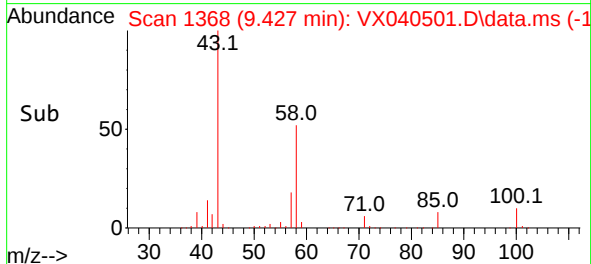
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 387500
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5

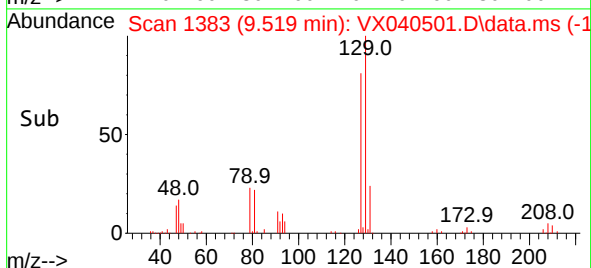
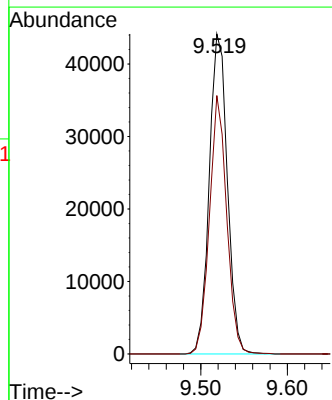
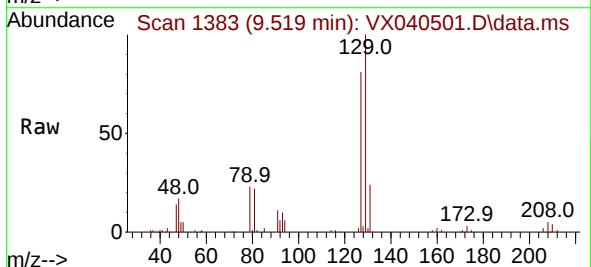
Manual Integrations
APPROVED

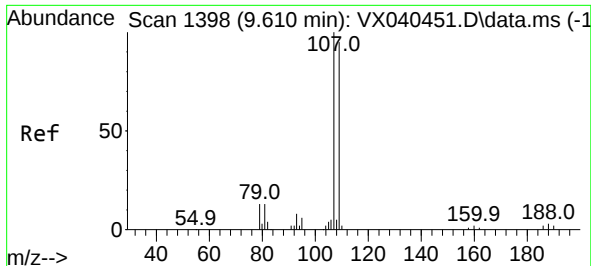
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#60
Dibromochloromethane
Concen: 52.533 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:129 Resp: 64039
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





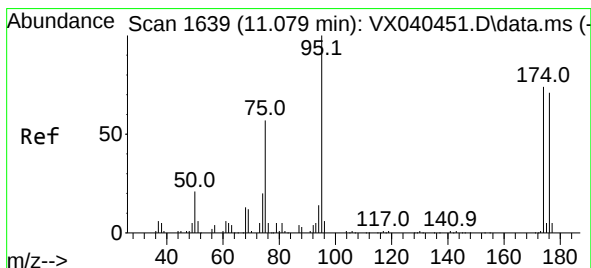
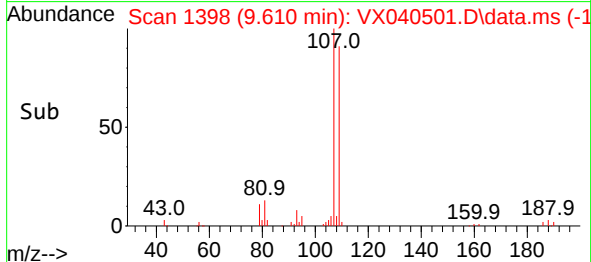
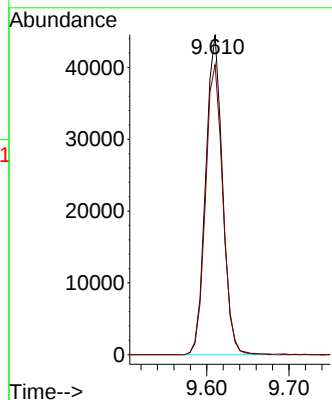
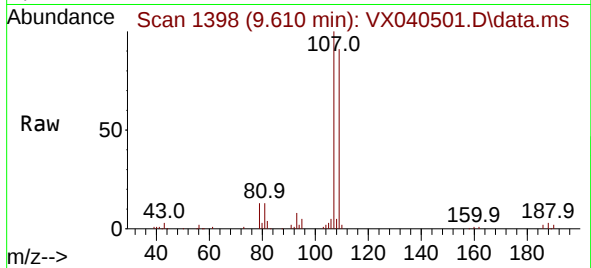
#61
1,2-Dibromoethane
Concen: 51.715 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 63335
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

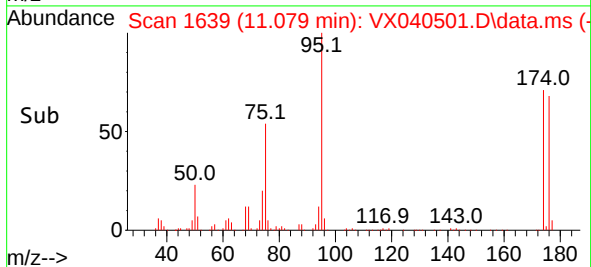
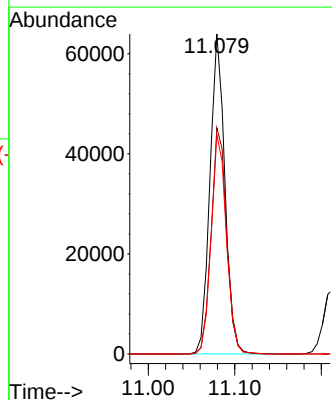
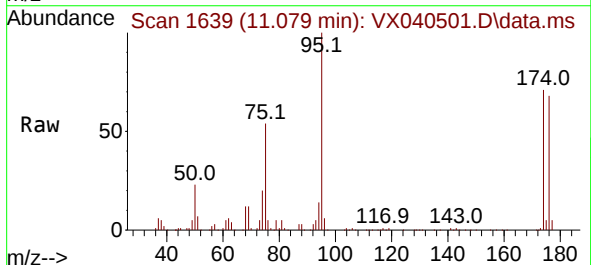
Manual Integrations
APPROVED

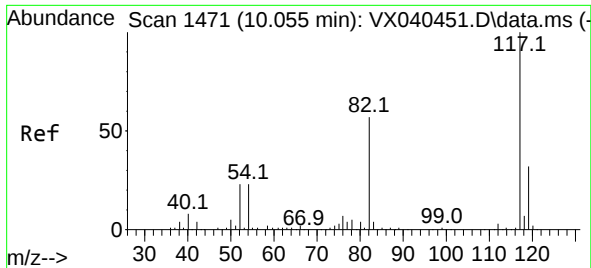
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#62
4-Bromofluorobenzene
Concen: 52.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

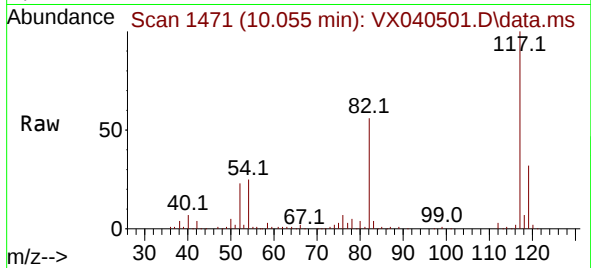
Tgt Ion: 95 Resp: 76297
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 69.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

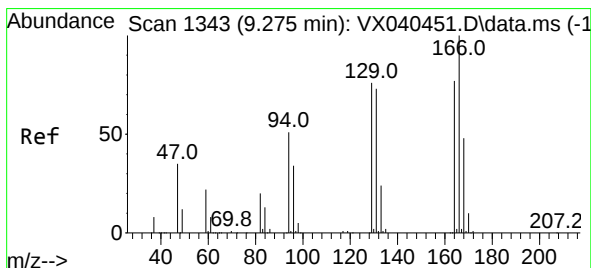
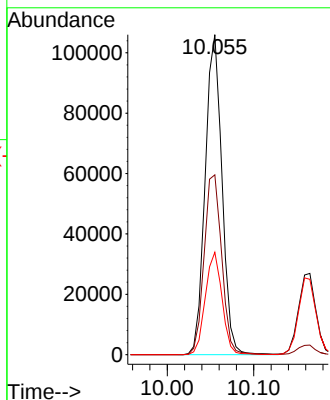
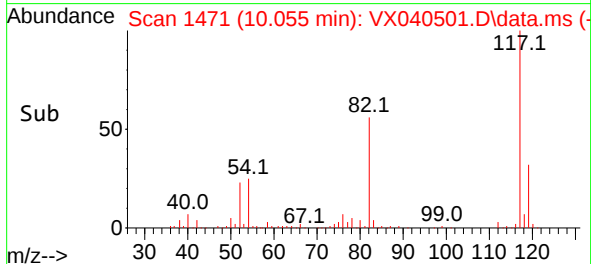
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 14313
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.0 25.5 38.3

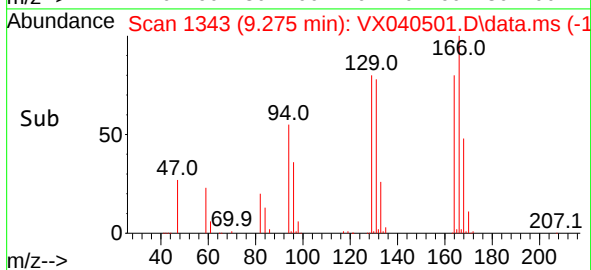
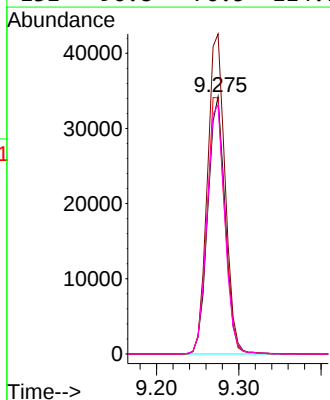
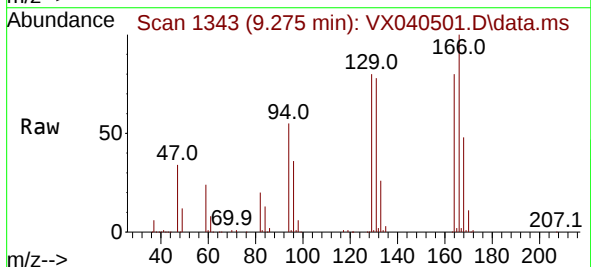
Manual Integrations
APPROVED

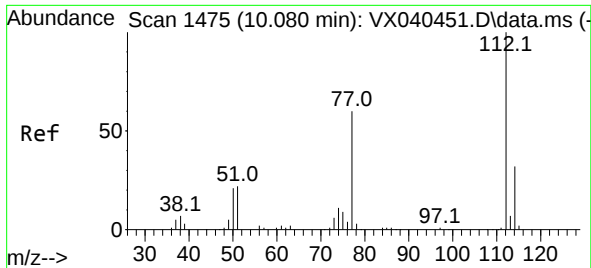
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#64
Tetrachloroethene
Concen: 49.970 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:164 Resp: 50213
Ion Ratio Lower Upper
164 100
166 124.4 102.7 154.1
129 99.6 80.4 120.6
131 96.8 76.5 114.7





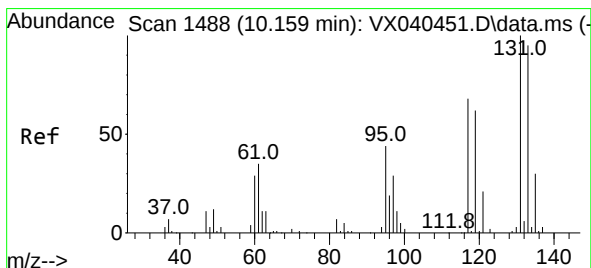
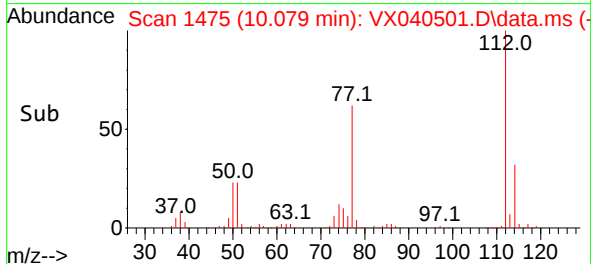
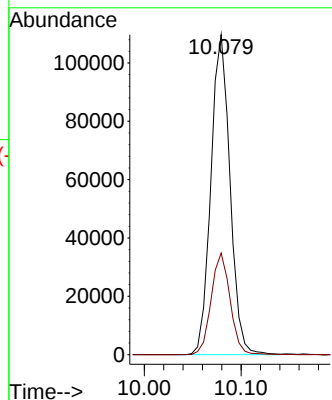
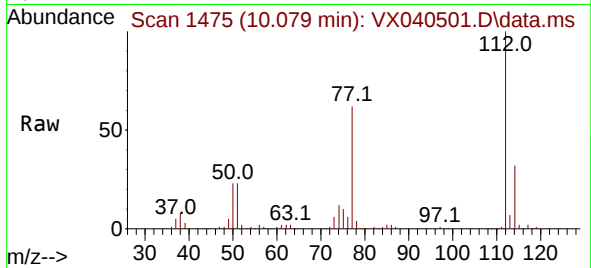
#65
Chlorobenzene
Concen: 49.368 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 150299
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

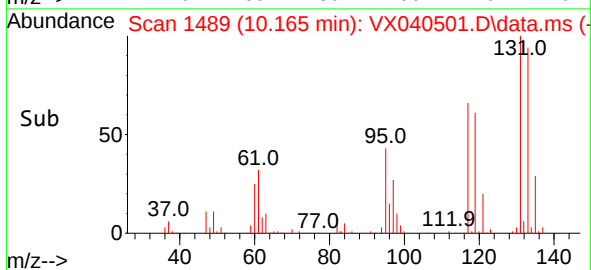
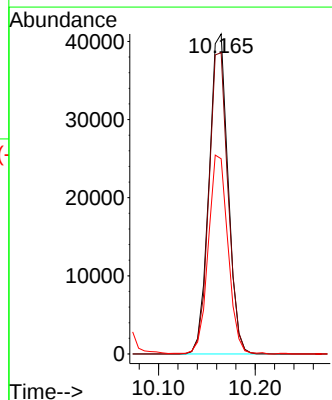
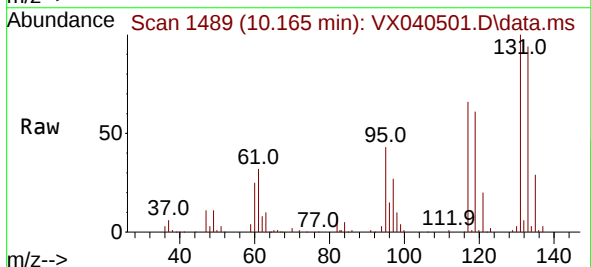
Manual Integrations
APPROVED

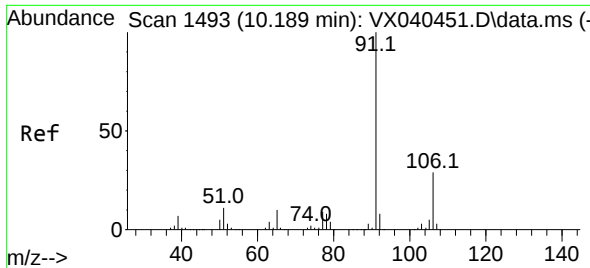
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.102 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:131 Resp: 55901
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.2 32.2 96.6





#67

Ethyl Benzene

Concen: 50.919 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 283769

Ion Ratio Lower Upper

91 100

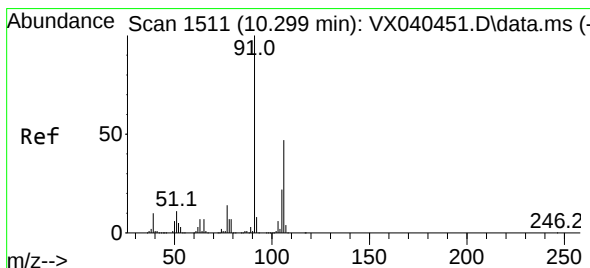
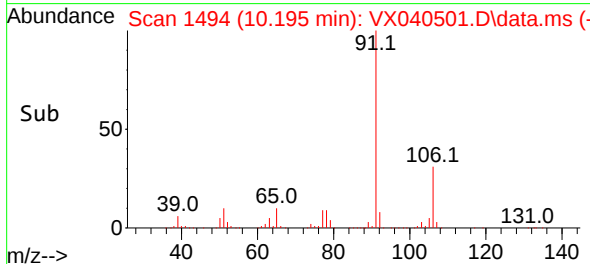
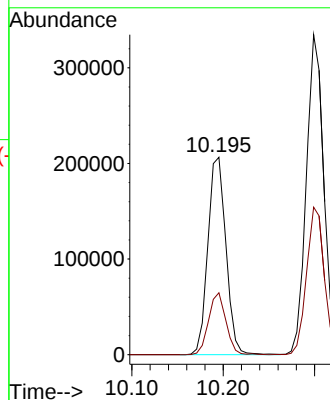
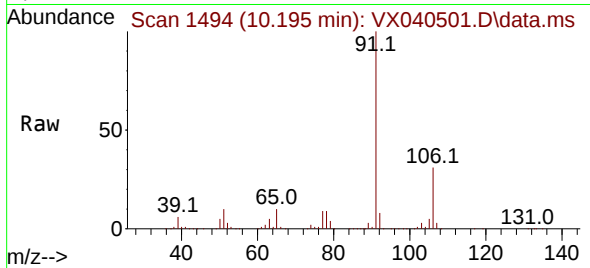
106 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#68

m/p-Xylenes

Concen: 100.821 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040501.D

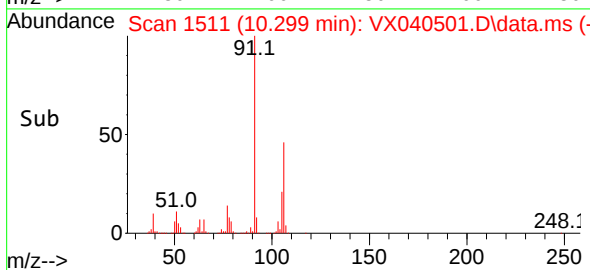
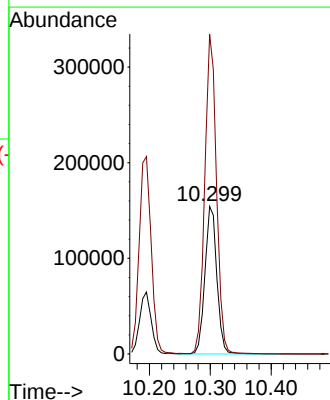
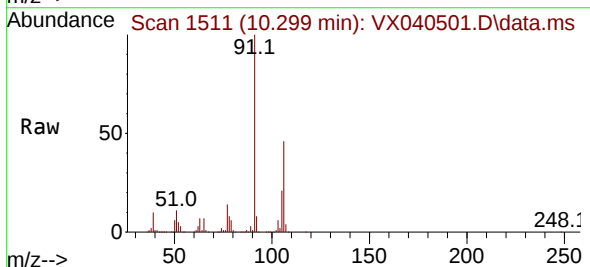
Acq: 28 Feb 2024 10:59

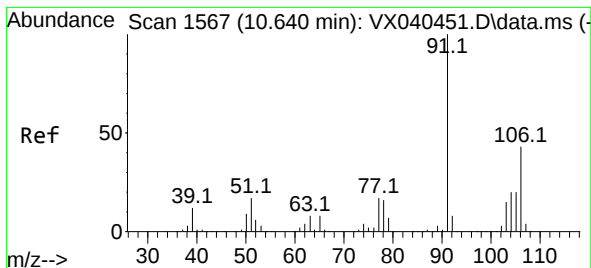
Tgt Ion:106 Resp: 209815

Ion Ratio Lower Upper

106 100

91 213.3 165.5 248.3





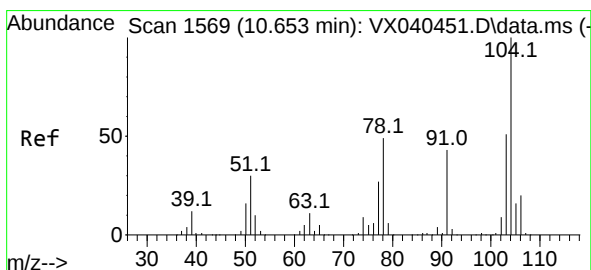
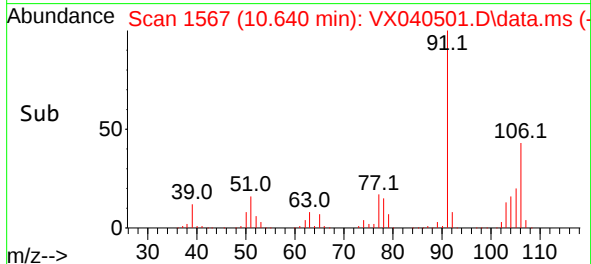
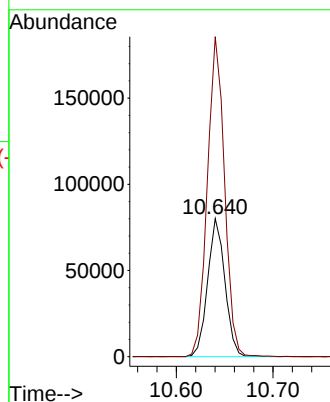
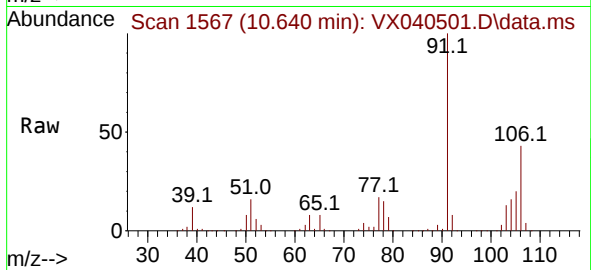
#69
o-Xylene
Concen: 50.126 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 99770
Ion Ratio Lower Upper
106 100
91 230.7 108.9 326.8

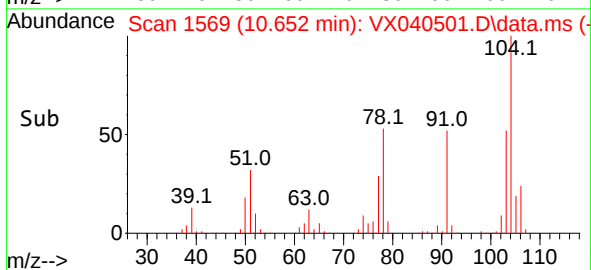
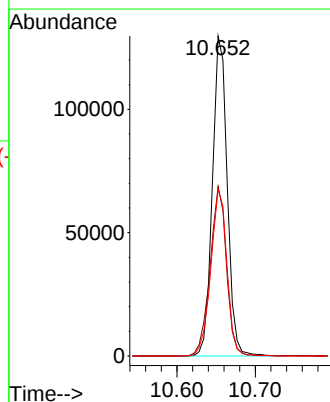
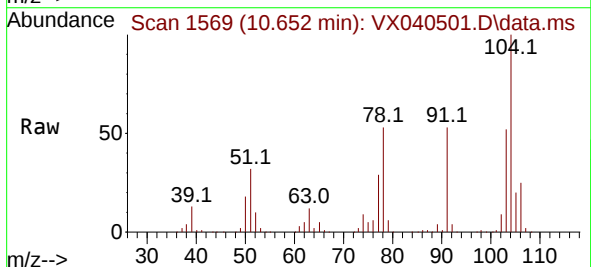
Manual Integrations
APPROVED

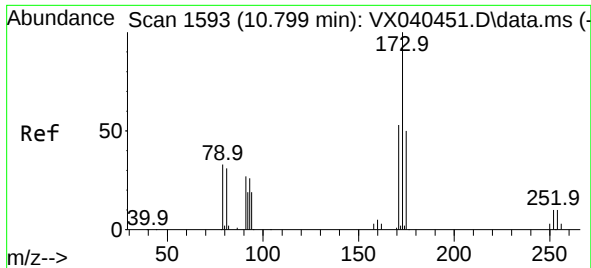
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#70
Styrene
Concen: 51.382 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

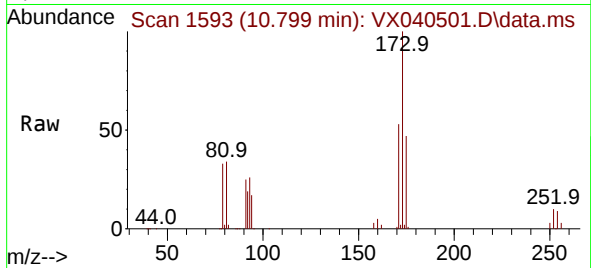
Tgt Ion:104 Resp: 170489
Ion Ratio Lower Upper
104 100
78 58.3 43.6 65.4
103 56.7 43.6 65.4





#71
Bromoform
Concen: 53.404 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

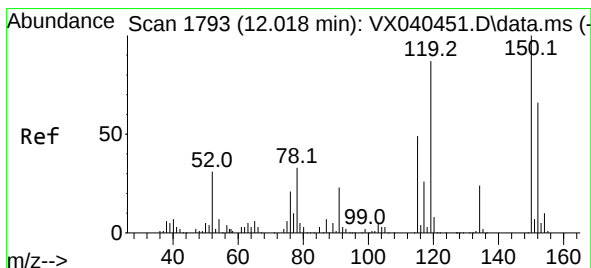
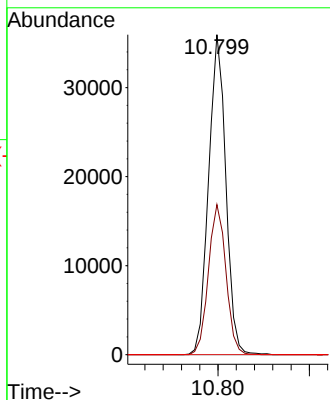
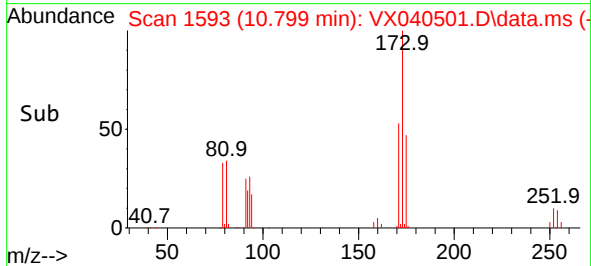
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4690
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.0 0.0 0.0

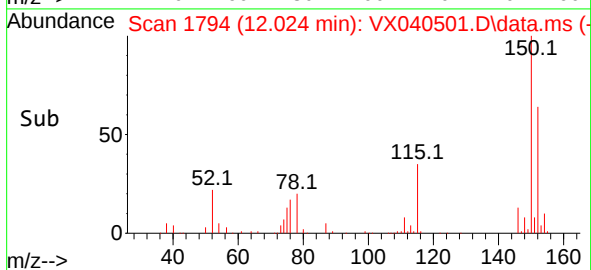
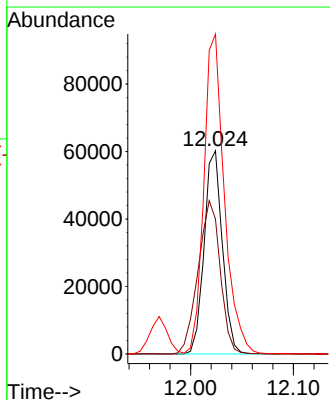
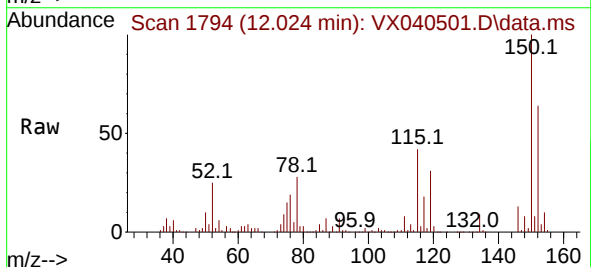
Manual Integrations
APPROVED

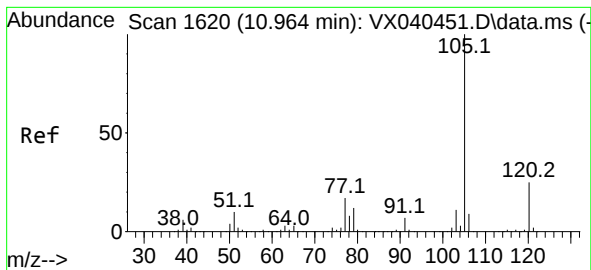
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:152 Resp: 74145
Ion Ratio Lower Upper
152 100
115 91.6 43.3 129.9
150 176.5 0.0 345.0





#73

Isopropylbenzene

Concen: 50.721 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 276959

Ion Ratio Lower Upper

105 100

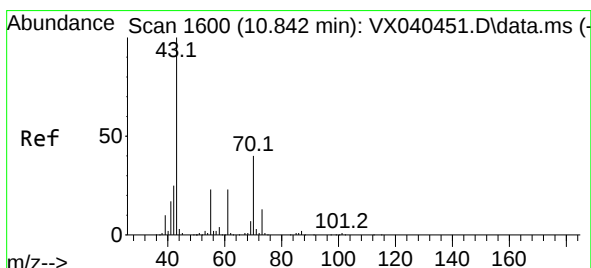
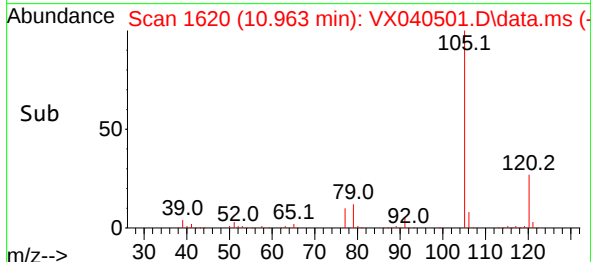
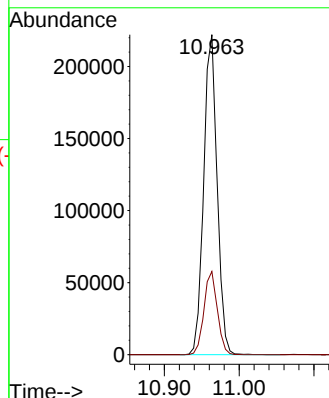
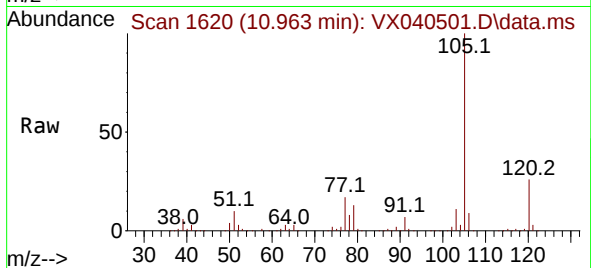
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#74

N-ethyl acetate

Concen: 51.825 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion: 43 Resp: 131431

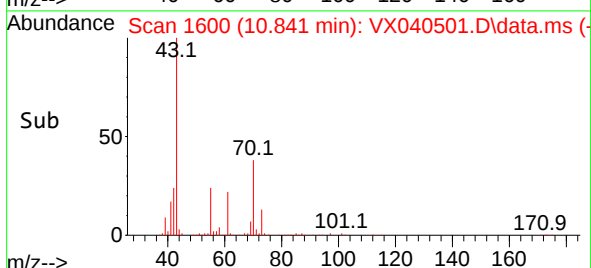
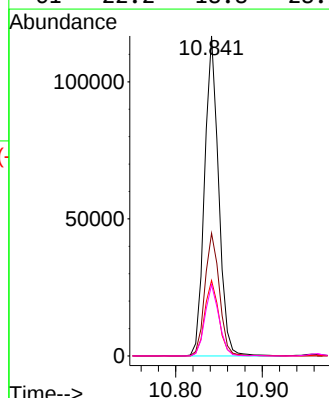
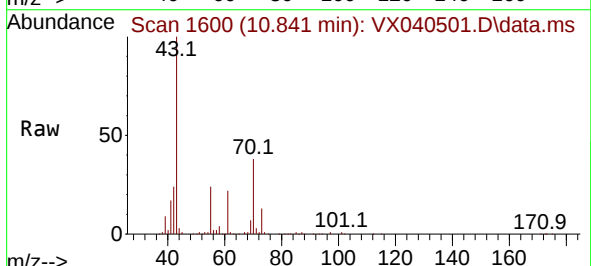
Ion Ratio Lower Upper

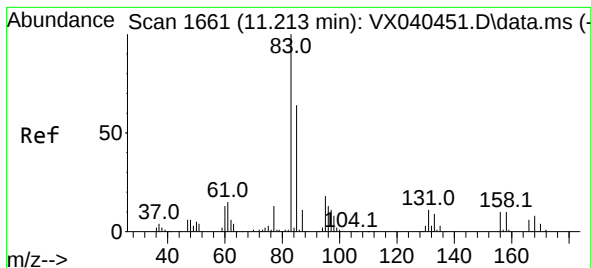
43 100

70 39.6 32.9 49.3

55 23.7 19.3 28.9

61 22.2 18.8 28.2





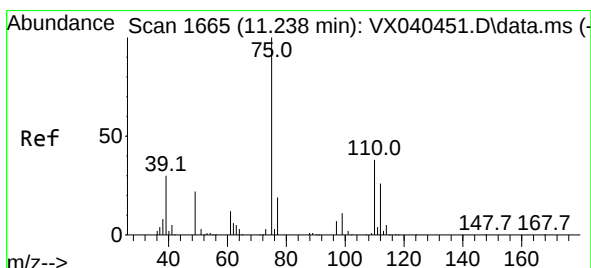
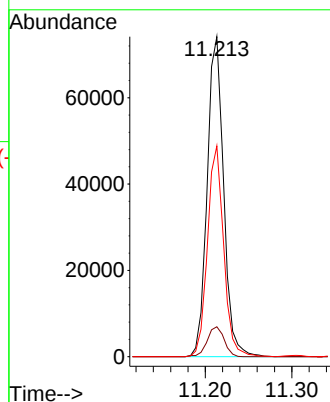
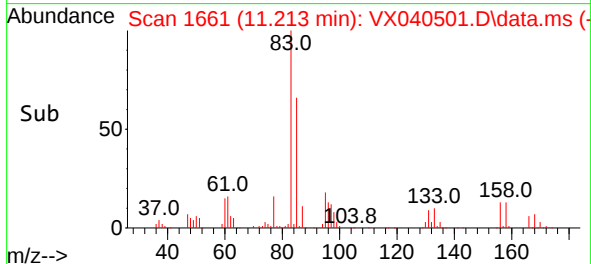
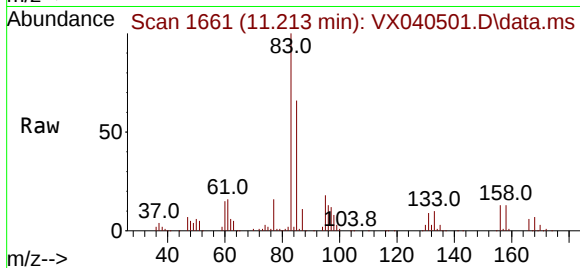
#75
1,1,2,2-Tetrachloroethane
Concen: 49.529 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97808
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.8 32.0 96.2

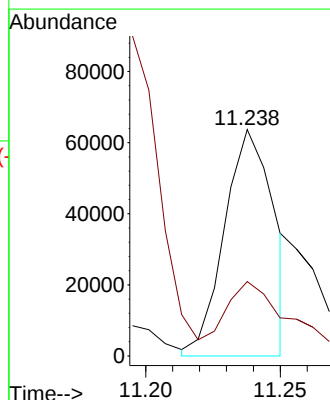
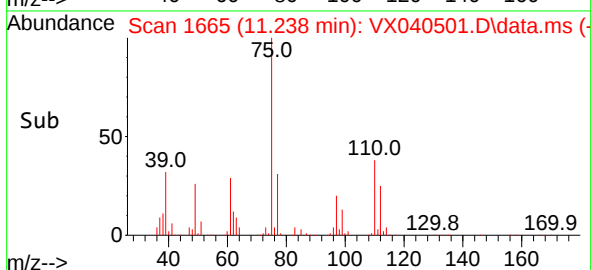
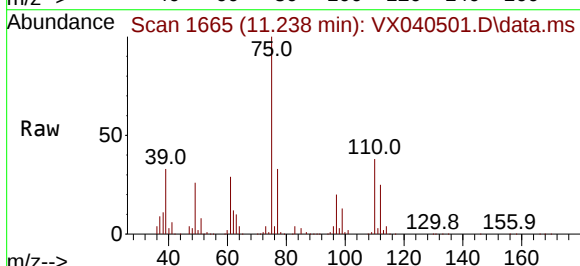
Manual Integrations
APPROVED

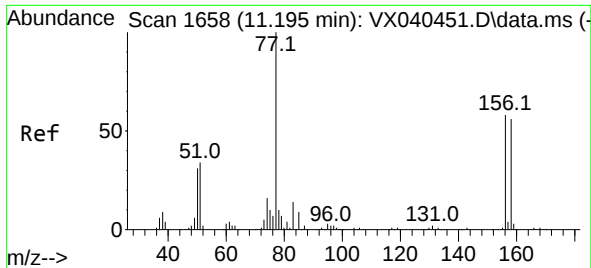
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#76
1,2,3-Trichloropropane
Concen: 49.871 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

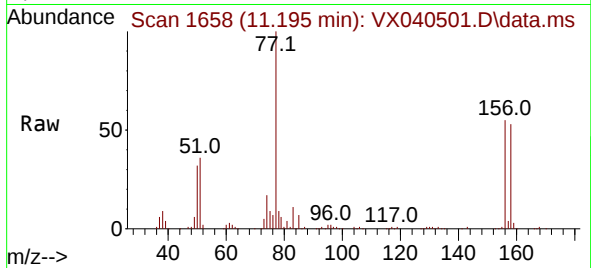
Tgt Ion: 75 Resp: 81380
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77
Bromobenzene
Concen: 50.333 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

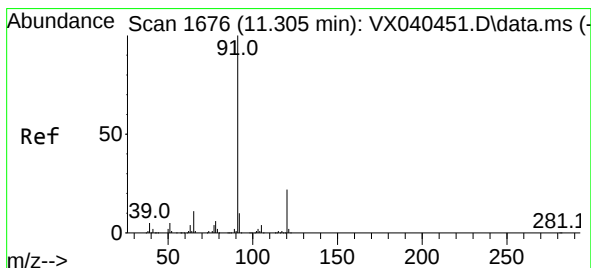
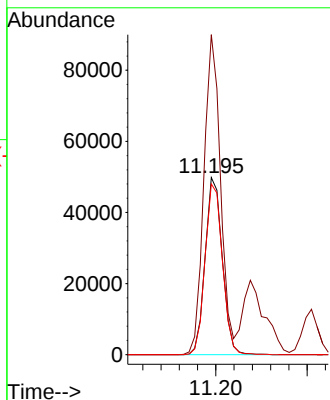
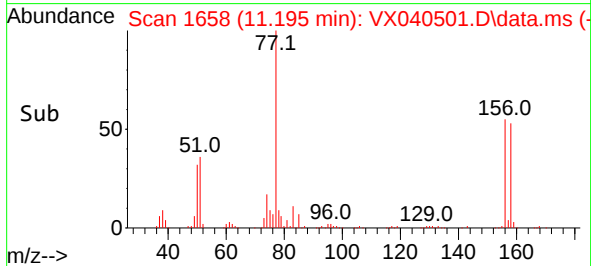
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



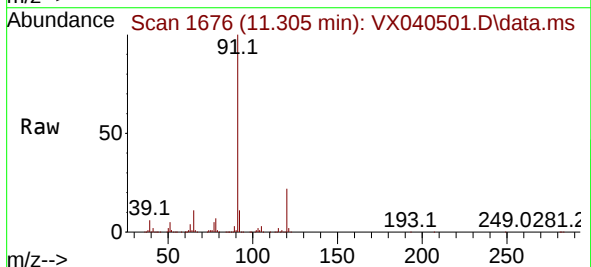
Tgt Ion:156 Resp: 64980
Ion Ratio Lower Upper
156 100
77 174.8 88.4 265.3
158 97.8 48.0 144.0

Manual Integrations
APPROVED

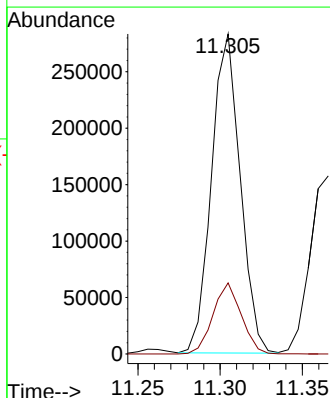
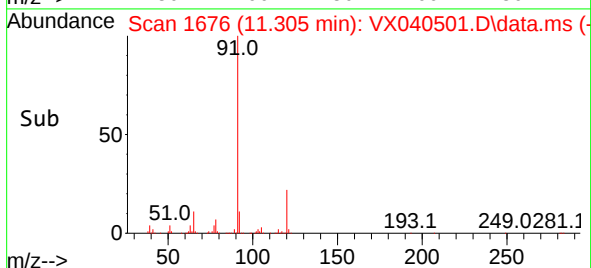
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

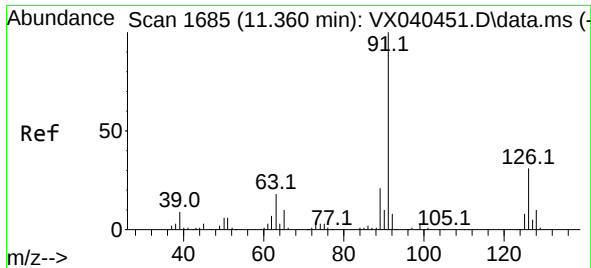


#78
n-propylbenzene
Concen: 50.734 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59



Tgt Ion: 91 Resp: 343626
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





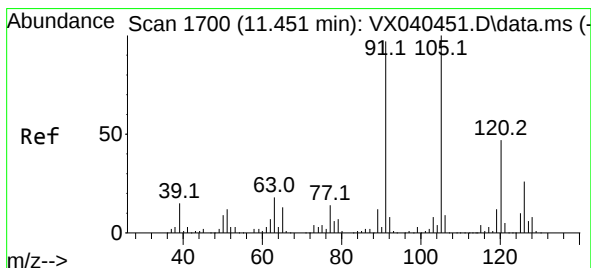
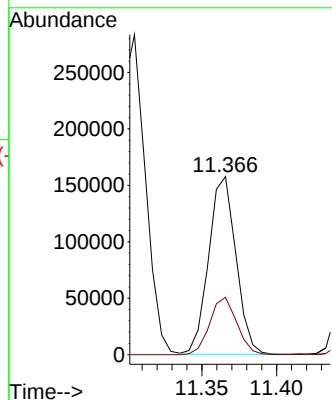
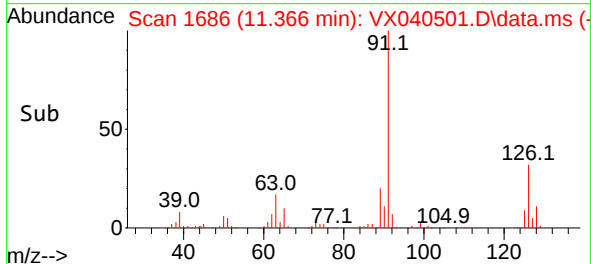
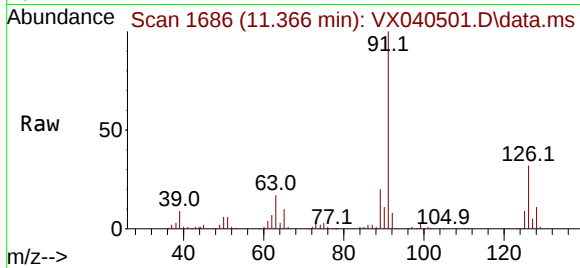
#79
2-Chlorotoluene
Concen: 49.070 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 200073
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

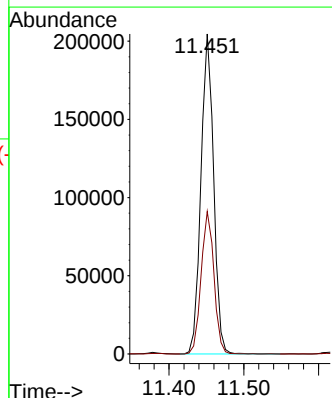
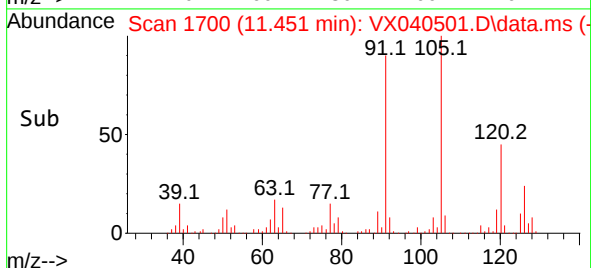
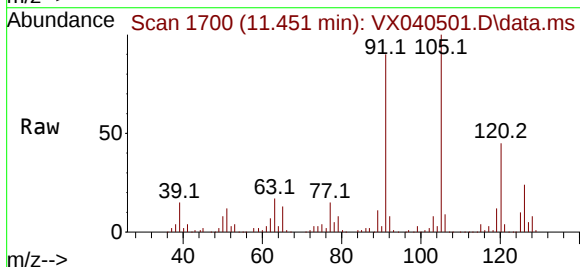
Manual Integrations
APPROVED

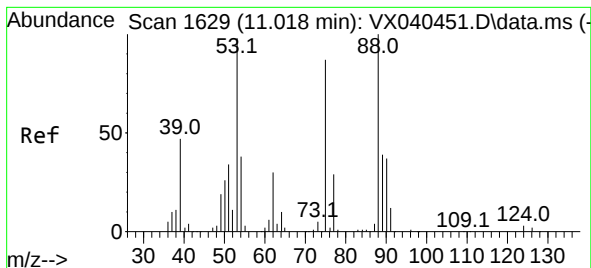
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.845 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion:105 Resp: 240764
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3





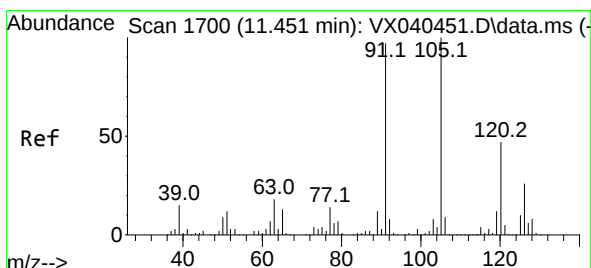
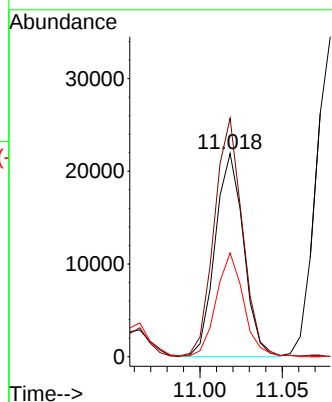
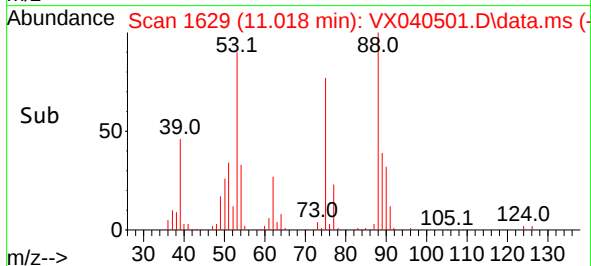
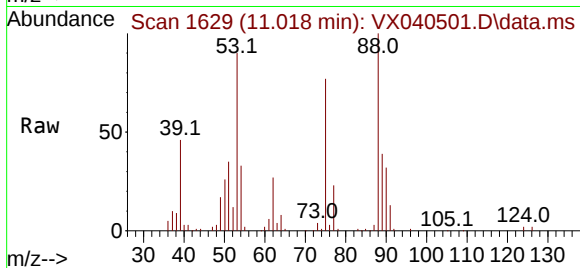
#81
trans-1,4-Dichloro-2-butene
Concen: 48.816 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
53 115.7 90.5 135.7
89 49.1 36.9 55.3

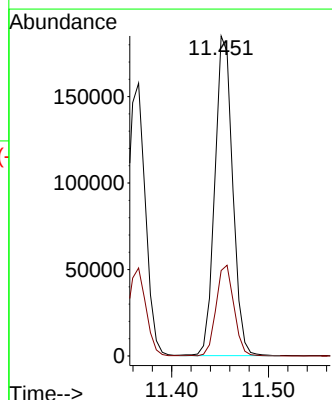
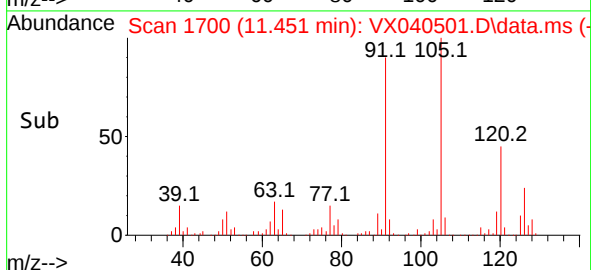
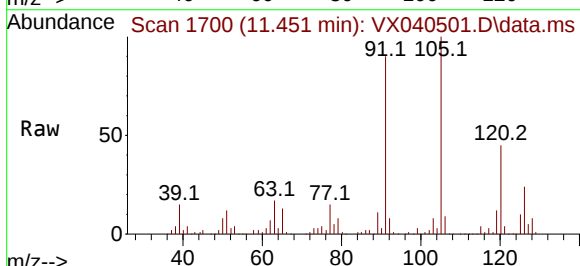
Manual Integrations
APPROVED

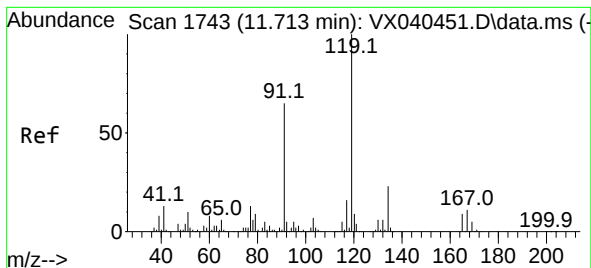
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#82
4-Chlorotoluene
Concen: 50.157 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

Tgt Ion: 91 Resp: 236487
Ion Ratio Lower Upper
91 100
126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.014 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

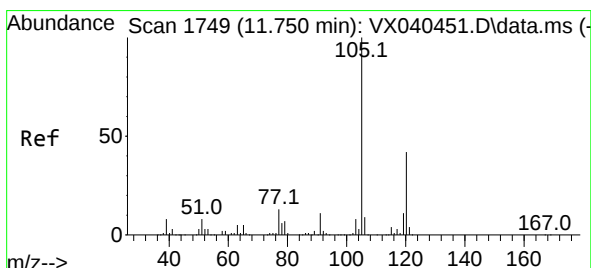
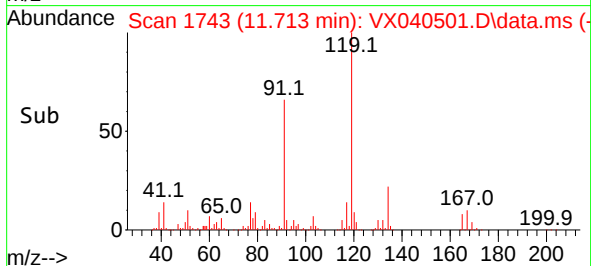
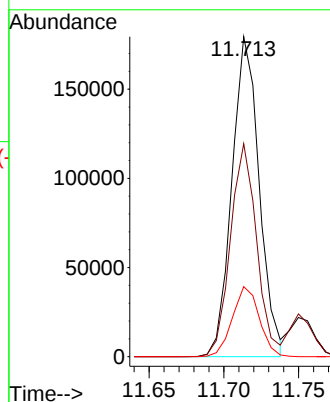
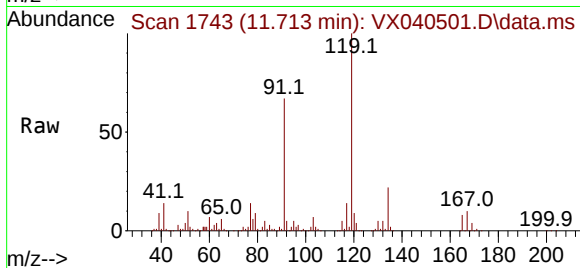
Tgt Ion:119 Resp: 22772
 Ion Ratio Lower Upper
 119 100
 91 64.1 31.2 93.6
 134 21.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.142 ug/l

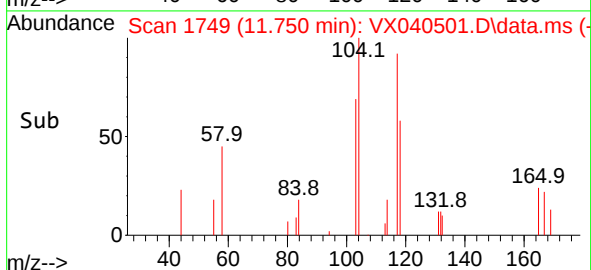
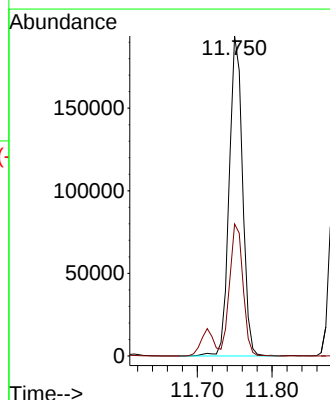
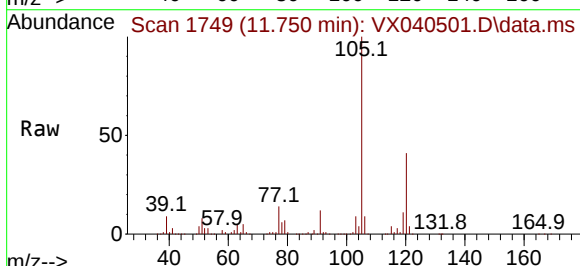
RT: 11.750 min Scan# 1749

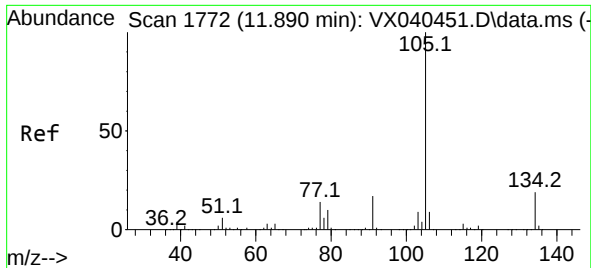
Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion:105 Resp: 240249
 Ion Ratio Lower Upper
 105 100
 120 41.2 21.2 63.6





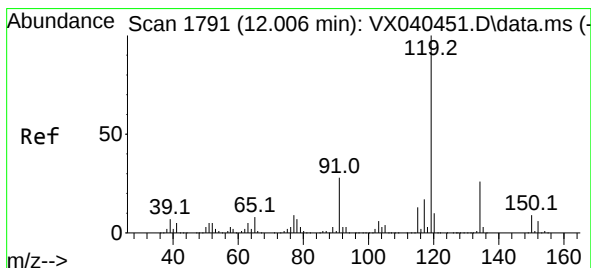
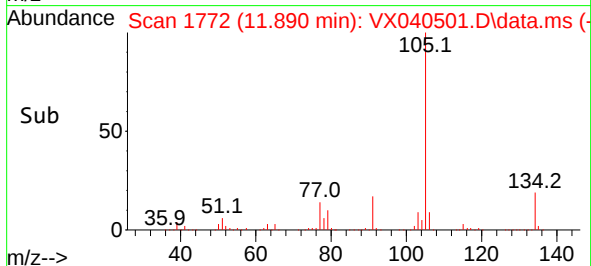
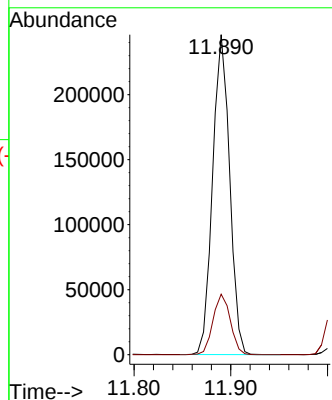
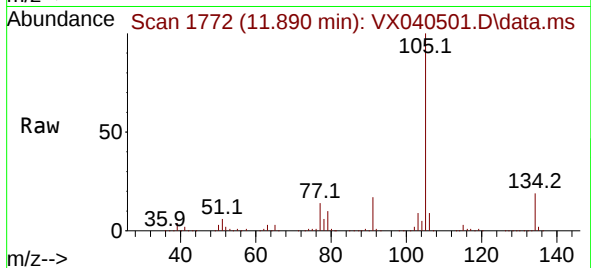
#85
 sec-Butylbenzene
 Concen: 52.138 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 299885
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

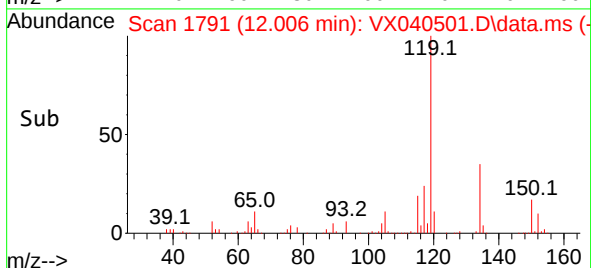
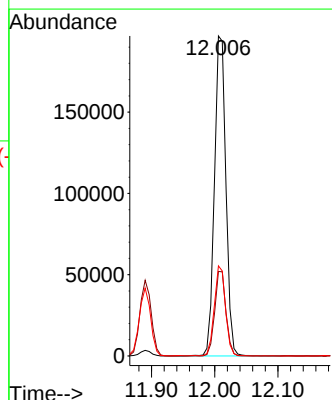
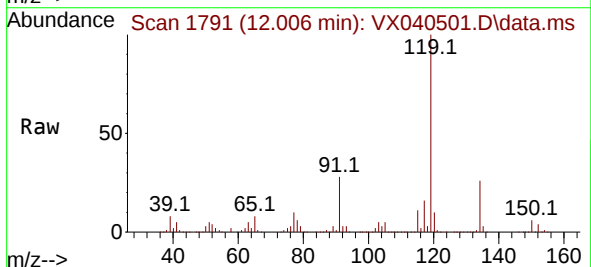
Manual Integrations
 APPROVED

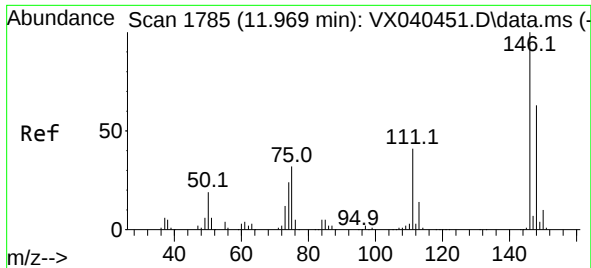
Reviewed By :John Carlone 02/29/2024
 Supervised By :Mahesh Dadoda 02/29/2024



#86
 p-Isopropyltoluene
 Concen: 52.295 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040501.D
 Acq: 28 Feb 2024 10:59

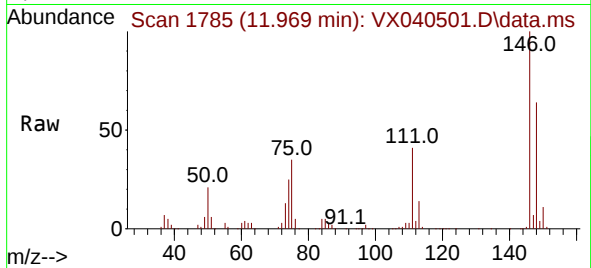
Tgt Ion:119 Resp: 247932
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.4 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 49.456 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

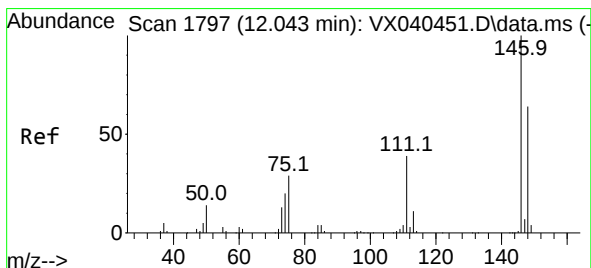
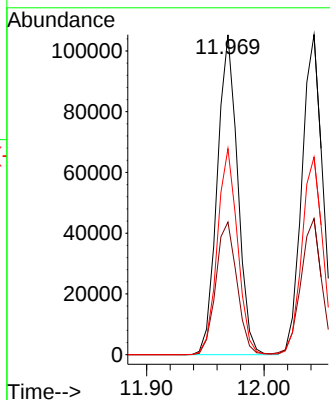
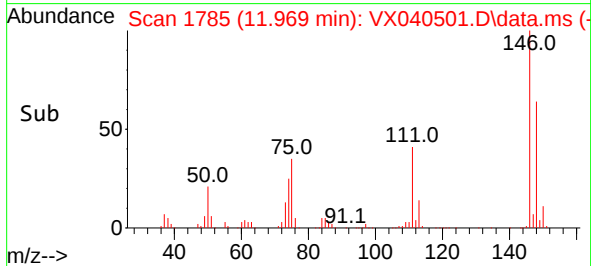
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



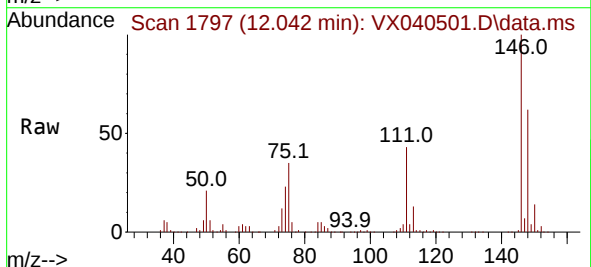
Tgt Ion:146 Resp: 127279
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 63.6 31.8 95.3

Manual Integrations
APPROVED

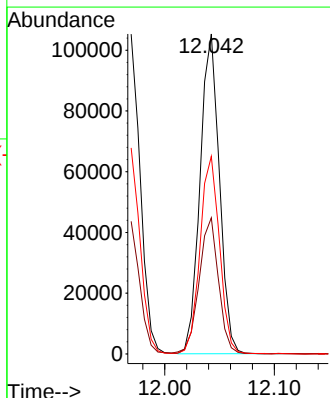
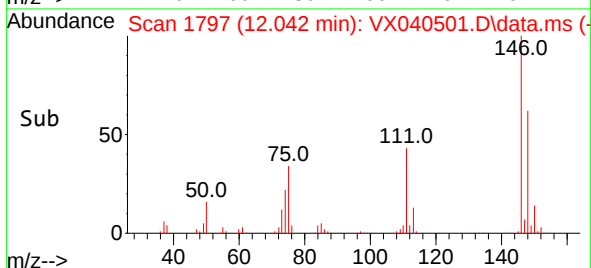
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

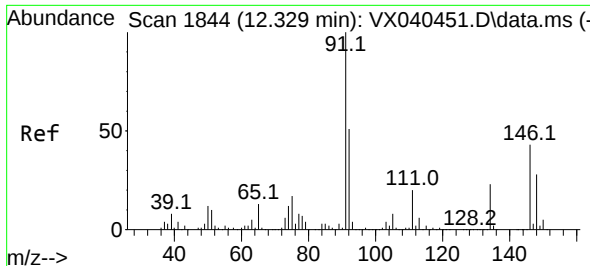


#88
1,4-Dichlorobenzene
Concen: 49.155 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59



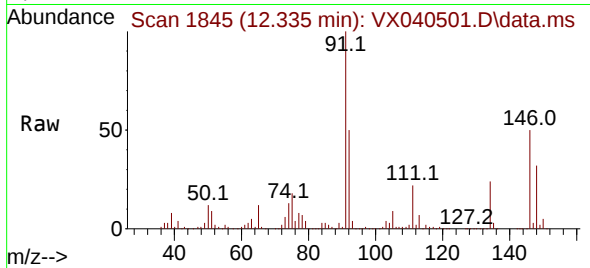
Tgt Ion:146 Resp: 128780
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.7
148 62.5 31.8 95.4





#89
n-Butylbenzene
Concen: 52.368 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

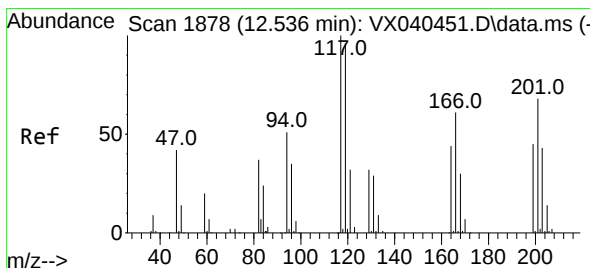
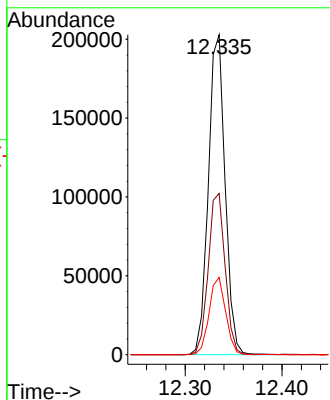
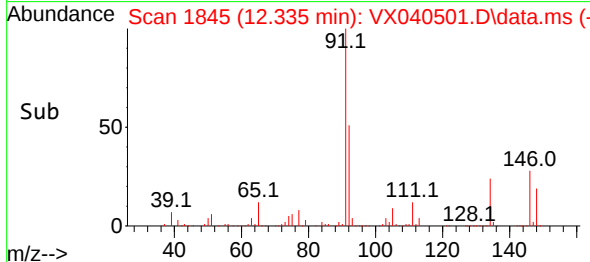
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 24426
Ion Ratio Lower Upper
91 100
92 51.0 27.4 82.0
134 23.9 12.6 37.8

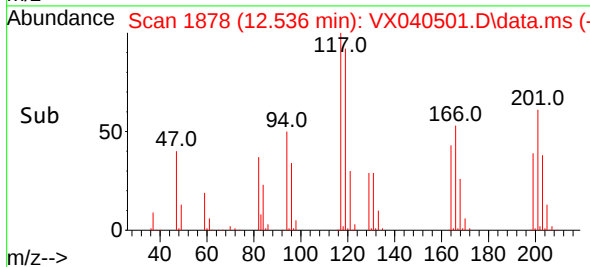
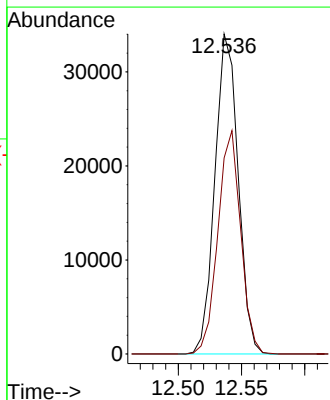
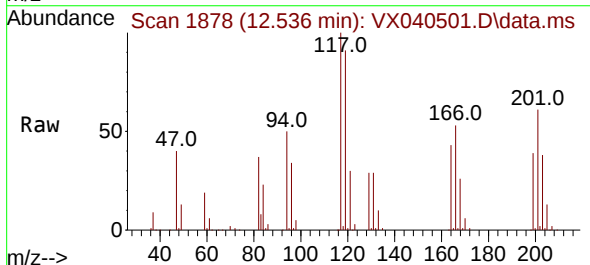
Manual Integrations
APPROVED

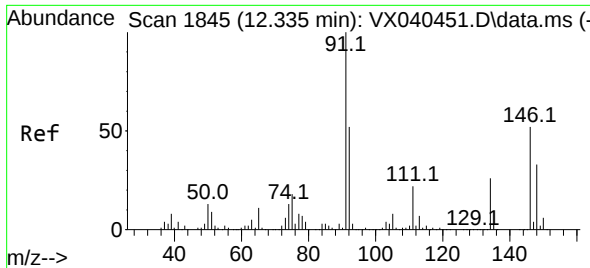
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#90
Hexachloroethane
Concen: 55.124 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

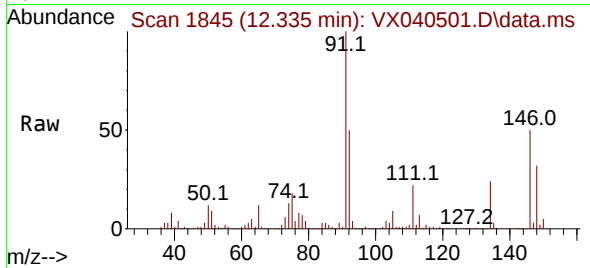
Tgt Ion:117 Resp: 43496
Ion Ratio Lower Upper
117 100
201 68.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 50.090 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59

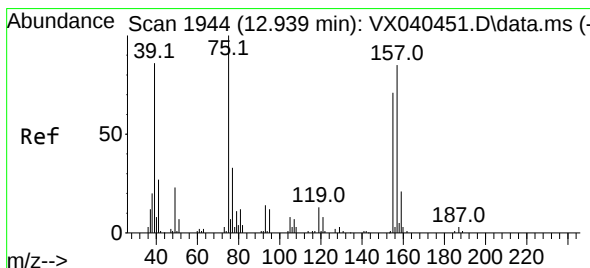
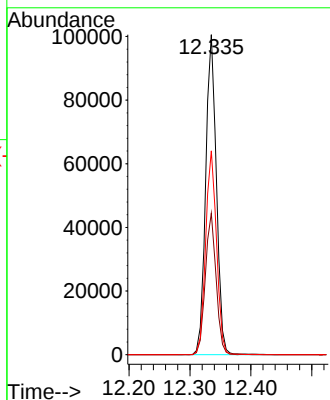
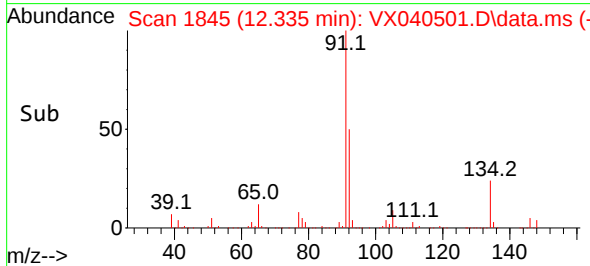
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



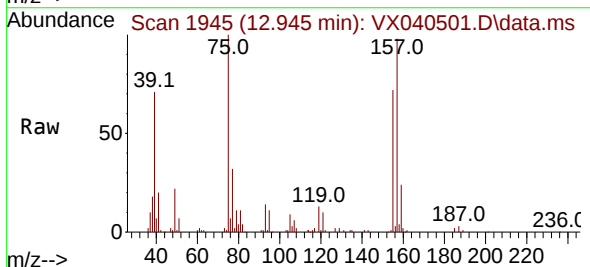
Tgt Ion:146 Resp: 122840
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.6 31.6 95.0

Manual Integrations
APPROVED

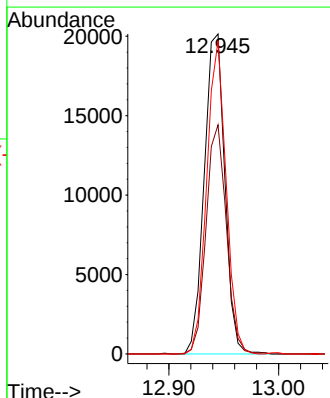
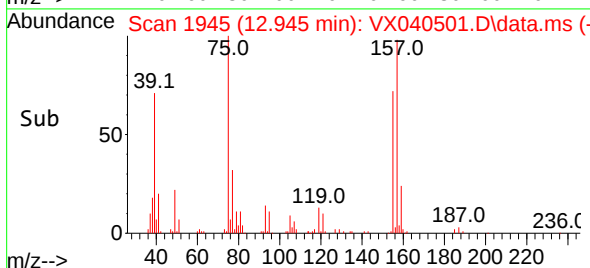
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

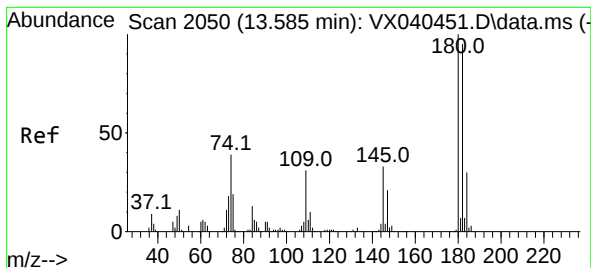


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.127 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040501.D
Acq: 28 Feb 2024 10:59



Tgt Ion: 75 Resp: 26300
Ion Ratio Lower Upper
75 100
155 70.7 36.1 108.5
157 92.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.395 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

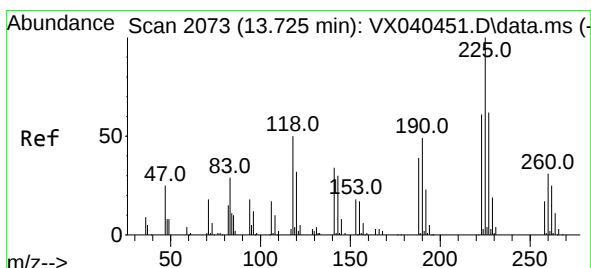
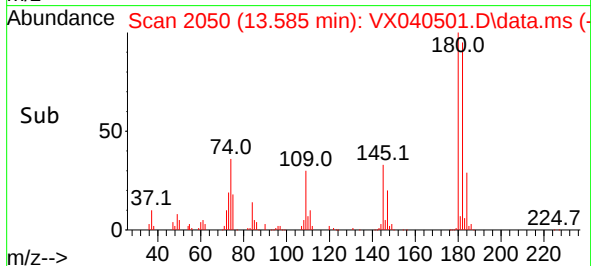
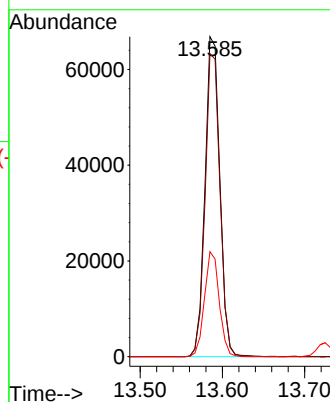
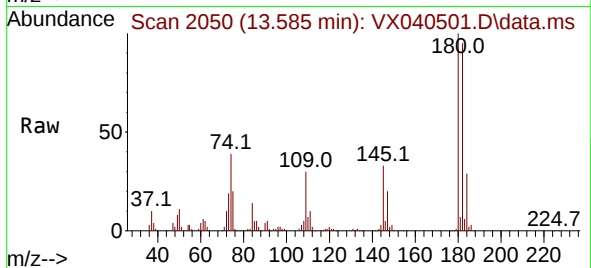
Tgt Ion:	180	Resp:	8386
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.3	144.8
145	32.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#94

Hexachlorobutadiene

Concen: 52.925 ug/l

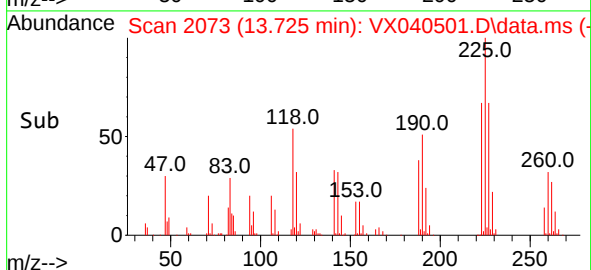
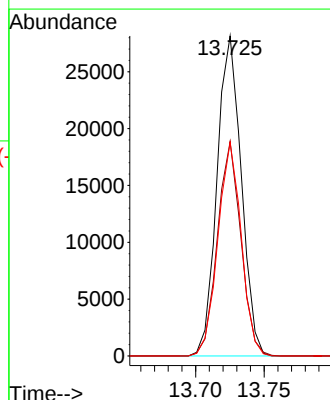
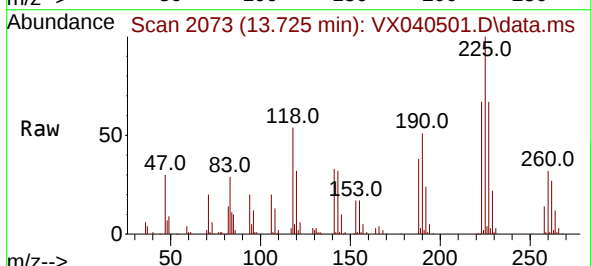
RT: 13.725 min Scan# 2073

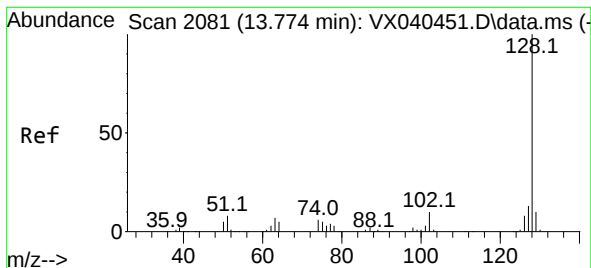
Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion:	225	Resp:	34620
Ion Ratio	Lower	Upper	
225	100		
223	64.9	31.1	93.2
227	64.1	32.5	97.5





#95

Naphthalene

Concen: 52.752 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 26981

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

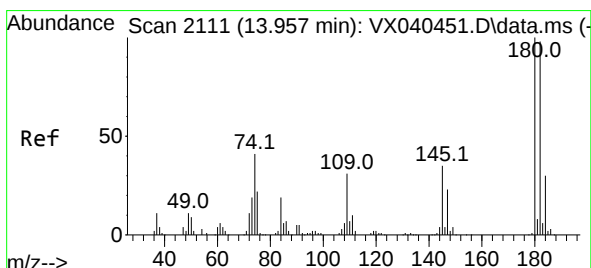
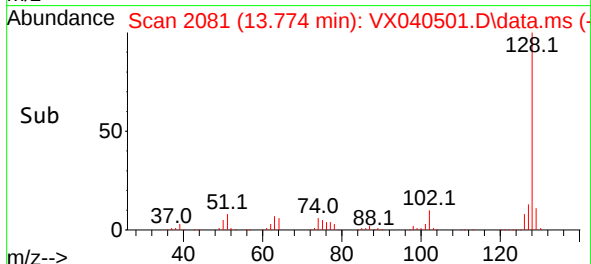
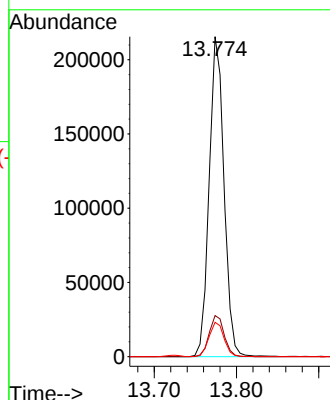
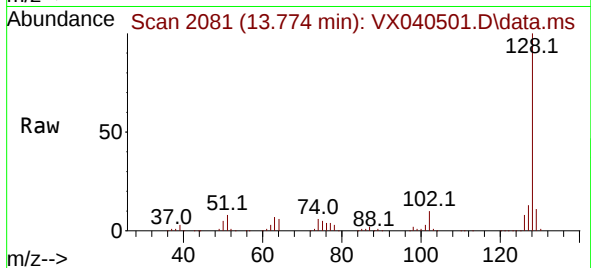
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.704 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040501.D

Acq: 28 Feb 2024 10:59

Tgt Ion:180 Resp: 81708

Ion Ratio Lower Upper

180 100

182 94.5 46.9 140.6

145 33.4 17.8 53.5

