

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091123\
 Data File : VX037647.D
 Acq On : 11 Sep 2023 17:48
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Sep 12 09:10:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:09:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47261	18.180	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.360%#		
35) Dibromofluoromethane	5.391	113	35978	18.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.840%#		
50) Toluene-d8	8.653	98	135230	18.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.540%#		
62) 4-Bromofluorobenzene	11.079	95	47041	18.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33239	19.740	ug/l	98
3) Chloromethane	1.301	50	38579	18.195	ug/l	95
4) Vinyl Chloride	1.374	62	43336	19.139	ug/l	98
5) Bromomethane	1.593	94	37777	19.399	ug/l	97
6) Chloroethane	1.685	64	32692	20.824	ug/l	100
7) Trichlorofluoromethane	1.886	101	75798	19.599	ug/l	99
8) Diethyl Ether	2.136	74	29182	19.152	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	31300	18.731	ug/l	98
10) Methyl Iodide	2.453	142	37266	19.656	ug/l	95
11) Tert butyl alcohol	2.965	59	52509	100.000	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	30601	18.873	ug/l	90
13) Acrolein	2.233	56	40648	94.346	ug/l	99
14) Allyl chloride	2.660	41	54456	18.812	ug/l	97
15) Acrylonitrile	3.062	53	116222	95.466	ug/l	99
16) Acetone	2.380	43	103525	92.303	ug/l	93
17) Carbon Disulfide	2.508	76	74596	17.642	ug/l	100
18) Methyl Acetate	2.703	43	85831	19.075	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	120297	18.751	ug/l	99
20) Methylene Chloride	2.788	84	39960	19.943	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	35056	18.216	ug/l	92
22) Diisopropyl ether	3.764	45	119712	19.474	ug/l	94
23) Vinyl Acetate	3.727	43	448559	103.174	ug/l	97
24) 1,1-Dichloroethane	3.611	63	69405	18.895	ug/l	99
25) 2-Butanone	4.556	43	165151	95.595	ug/l	95
26) 2,2-Dichloropropane	4.471	77	49067	20.494	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	43039	19.165	ug/l	94
28) Bromochloromethane	4.904	49	34511	18.256	ug/l	94
29) Tetrahydrofuran	5.007	42	105219	96.051	ug/l	92
30) Chloroform	5.093	83	75555	19.264	ug/l	100
31) Cyclohexane	5.477	56	55649	18.902	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	62452	19.391	ug/l	100
36) 1,1-Dichloropropene	5.696	75	50697	18.550	ug/l	98
37) Ethyl Acetate	4.721	43	61020	20.155	ug/l	97
38) Carbon Tetrachloride	5.678	117	51465	19.978	ug/l	99
39) Methylcyclohexane	7.379	83	60618	19.353	ug/l	96
40) Benzene	6.037	78	159010	19.388	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31924	19.889	ug/l	91
42) 1,2-Dichloroethane	6.086	62	61639	19.157	ug/l	99
43) Isopropyl Acetate	6.342	43	96832	20.678	ug/l	98
44) Trichloroethene	7.129	130	38715	19.668	ug/l	99
45) 1,2-Dichloropropane	7.434	63	42905	20.108	ug/l	99
46) Dibromomethane	7.586	93	30513	19.633	ug/l	99
47) Bromodichloromethane	7.824	83	54969	21.115	ug/l	100
48) Methyl methacrylate	7.696	41	47400	20.321	ug/l	88
49) 1,4-Dioxane	7.659	88	23936	399.725	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	328744	102.801	ug/l	98
52) Toluene	8.720	92	101088	20.026	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	53840	22.169	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	59998	21.672	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	43387	19.895	ug/l	96
56) Ethyl methacrylate	9.116	69	66539	21.557	ug/l	94
57) 1,3-Dichloropropane	9.311	76	71669	19.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	139826	92.192	ug/l	98
59) 2-Hexanone	9.433	43	256254	106.627	ug/l	97
60) Dibromochloromethane	9.525	129	41160	21.409	ug/l	98
61) 1,2-Dibromoethane	9.610	107	45698	20.456	ug/l	99
64) Tetrachloroethene	9.275	164	31836	18.821	ug/l	98
65) Chlorobenzene	10.079	112	108474	19.060	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	37801	20.371	ug/l	97
67) Ethyl Benzene	10.195	91	196027	19.744	ug/l	98
68) m/p-Xylenes	10.305	106	148989	40.009	ug/l	100
69) o-Xylene	10.640	106	73378	19.972	ug/l	98
70) Styrene	10.659	104	122508	20.635	ug/l	97
71) Bromoform	10.799	173	28060	22.030	ug/l #	99
73) Isopropylbenzene	10.963	105	194436	19.350	ug/l	100
74) N-amyl acetate	10.842	43	84958	20.015	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	74919	19.387	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58124m	18.613	ug/l	
77) Bromobenzene	11.201	156	45162	18.911	ug/l	95
78) n-propylbenzene	11.305	91	224586	19.745	ug/l	99
79) 2-Chlorotoluene	11.366	91	136744	19.003	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	165213	19.976	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	16694	21.727	ug/l	94
82) 4-Chlorotoluene	11.457	91	156801	19.519	ug/l	99
83) tert-Butylbenzene	11.713	119	165129	20.184	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	166374	20.007	ug/l	99
85) sec-Butylbenzene	11.890	105	202601	19.903	ug/l	99
86) p-Isopropyltoluene	12.012	119	166010	20.179	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84796	18.622	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	87254	18.784	ug/l	99
89) n-Butylbenzene	12.335	91	149450	20.788	ug/l	95
90) Hexachloroethane	12.536	117	27549	21.028	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	88487	19.095	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15443	20.522	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	49847	19.811	ug/l	98
94) Hexachlorobutadiene	13.725	225	22129	19.404	ug/l	99
95) Naphthalene	13.774	128	187328	20.735	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50694	19.073	ug/l	98

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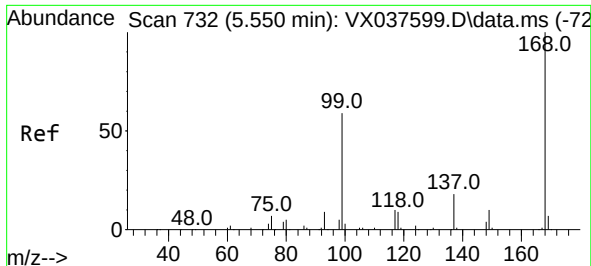
Manual Integrations
APPROVED

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Response via : Initial Calibration

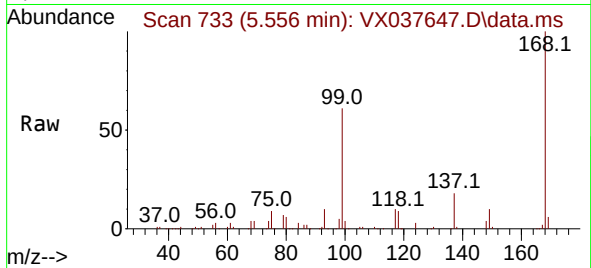
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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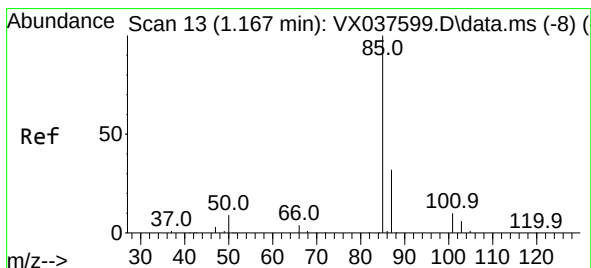
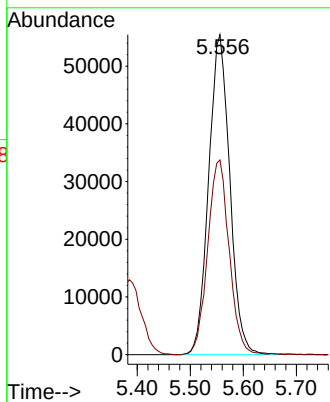
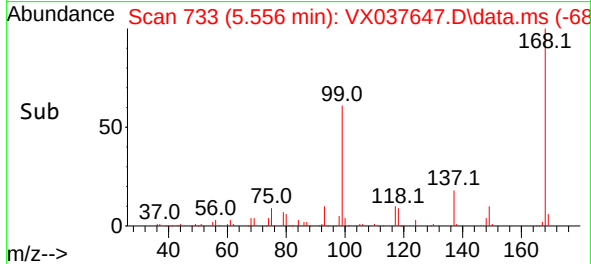
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 15345
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0

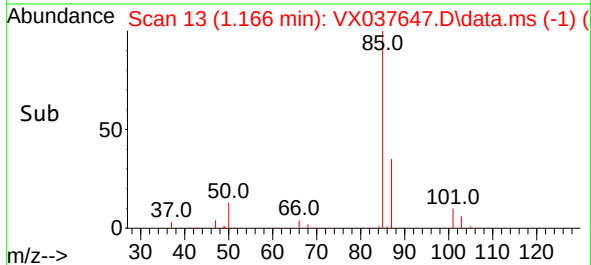
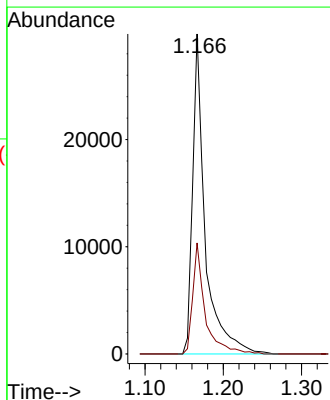
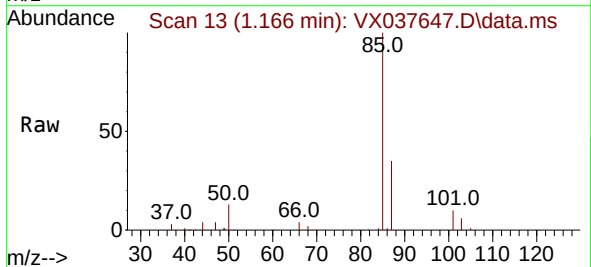
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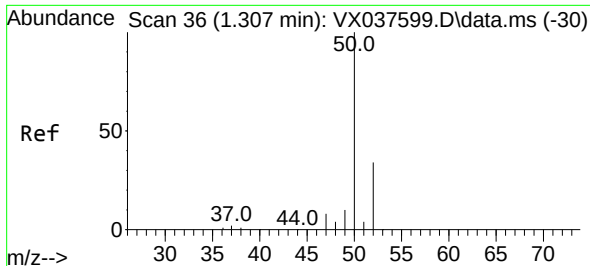
Reviewed By :John Carlone 09/12/2023
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#2
Dichlorodifluoromethane
Concen: 19.740 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

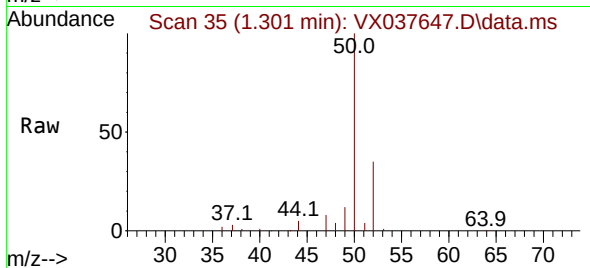
Tgt Ion: 85 Resp: 33239
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.1





#3
Chloromethane
Concen: 18.195 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

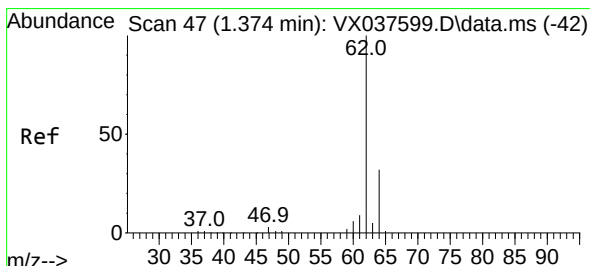
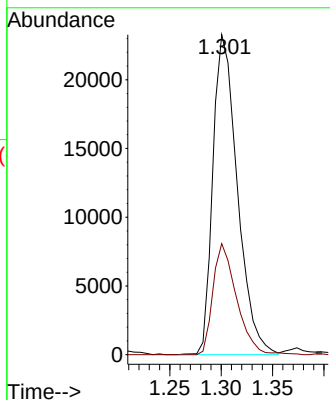
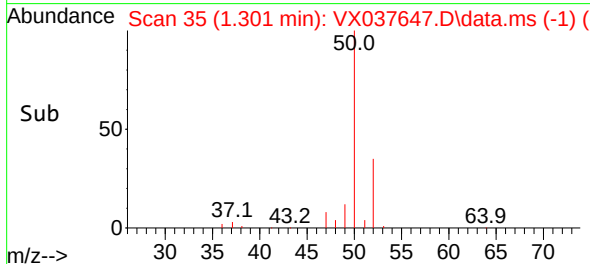
Instrument :
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VSTDIC020



Tgt Ion: 50 Resp: 38579
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3

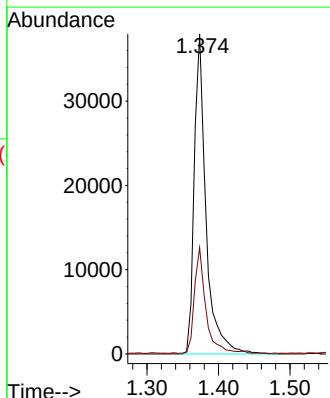
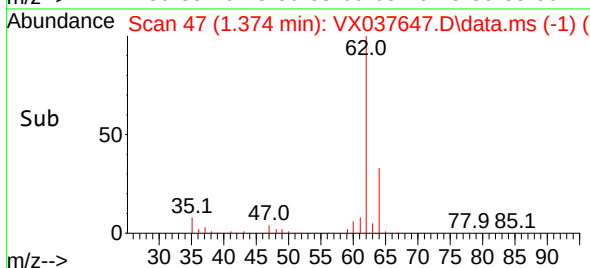
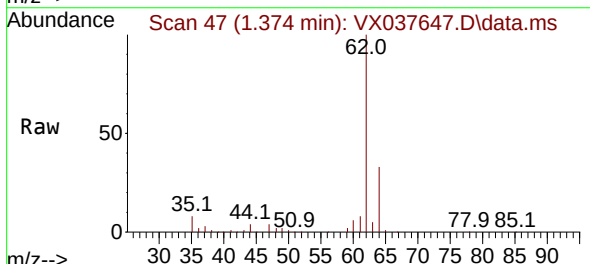
Manual Integrations
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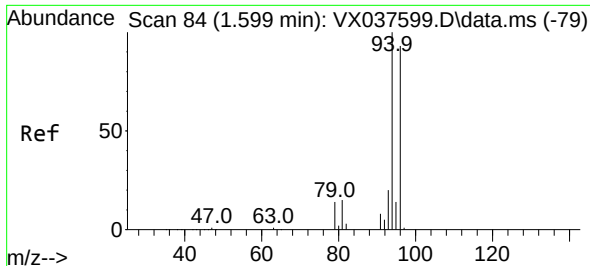
Reviewed By :John Carlone 09/12/2023
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#4
Vinyl Chloride
Concen: 19.139 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037647.D
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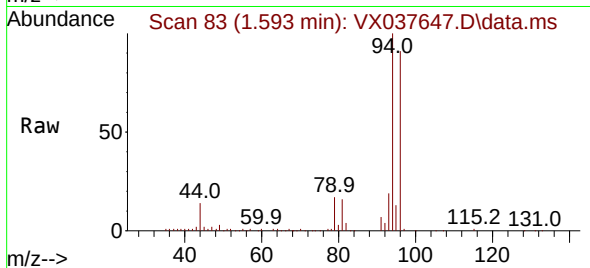
Tgt Ion: 62 Resp: 43336
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 19.399 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

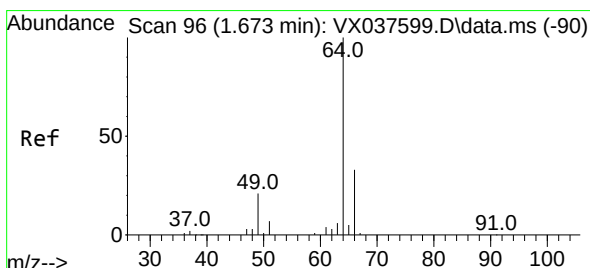
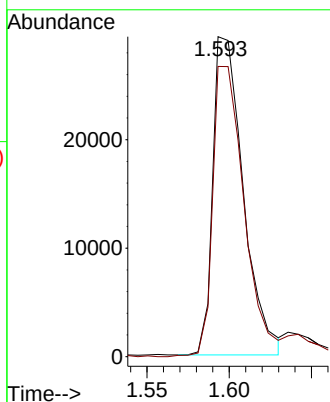
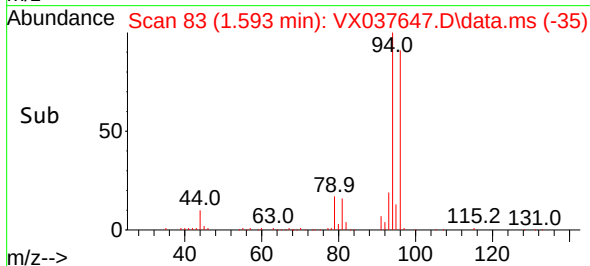
Instrument :
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Tgt Ion: 94 Resp: 3777
Ion Ratio Lower Upper
94 100
96 90.8 74.6 111.8

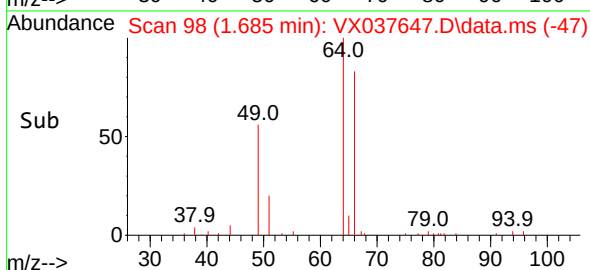
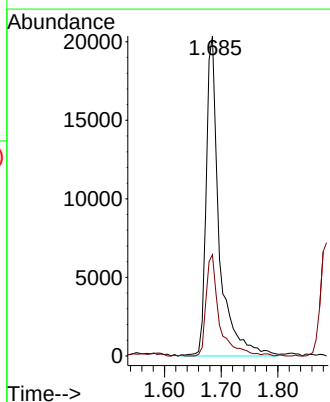
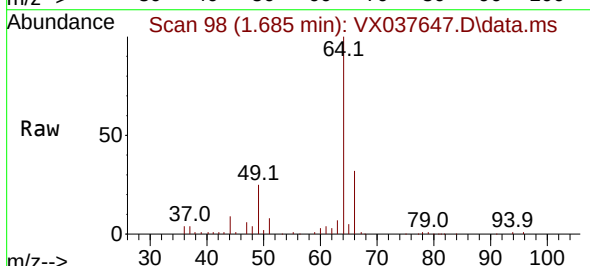
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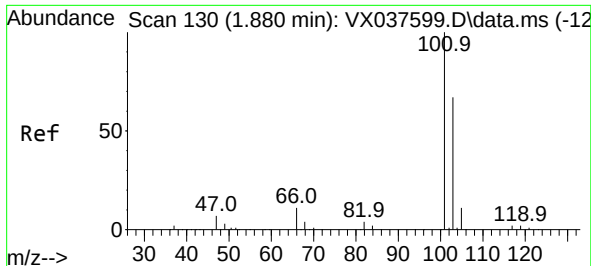
Reviewed By :John Carlone 09/12/2023
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#6
Chloroethane
Concen: 20.824 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.012 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 64 Resp: 32692
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





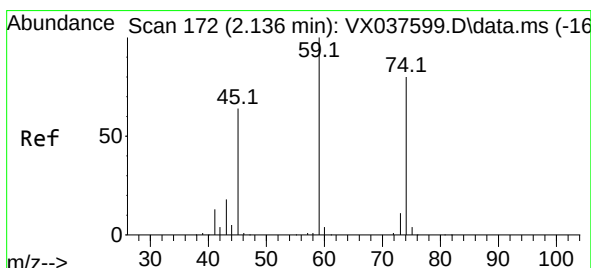
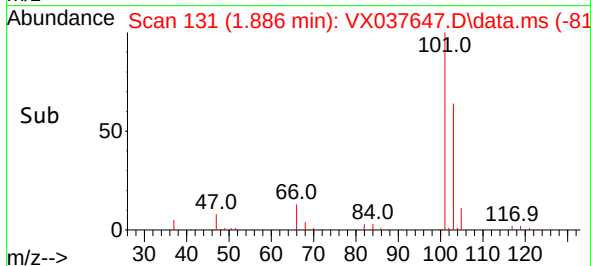
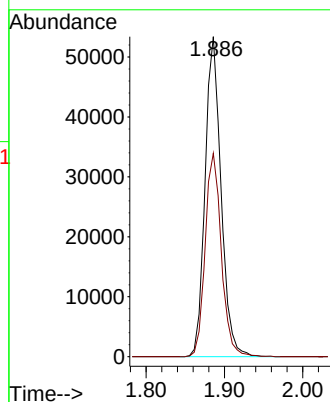
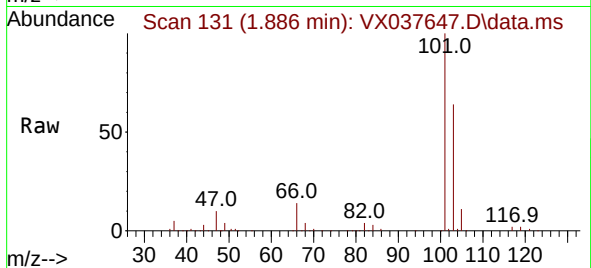
#7
Trichlorofluoromethane
Concen: 19.599 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 75798
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

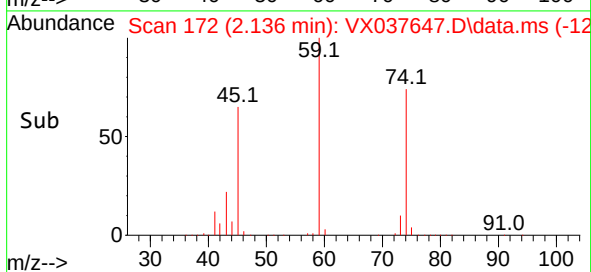
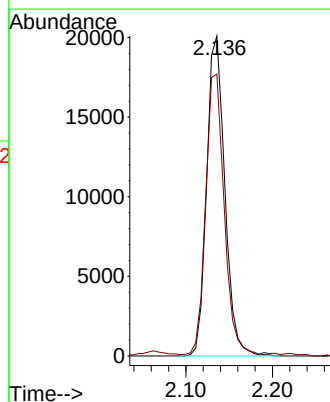
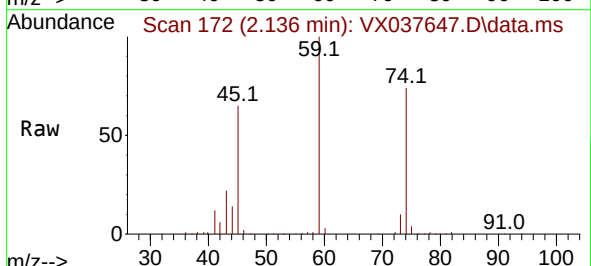
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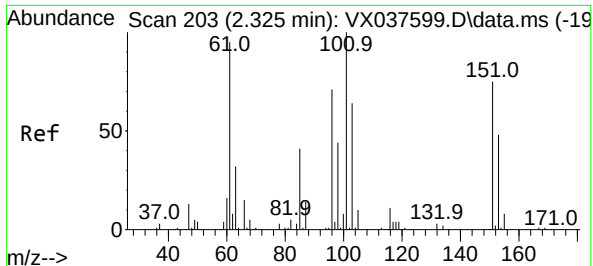
Reviewed By :John Carlone 09/12/2023
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#8
Diethyl Ether
Concen: 19.152 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 74 Resp: 29182
Ion Ratio Lower Upper
74 100
45 89.4 53.3 159.8





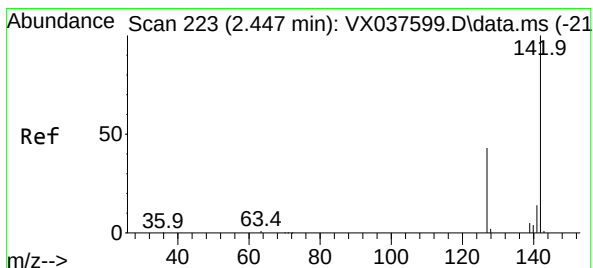
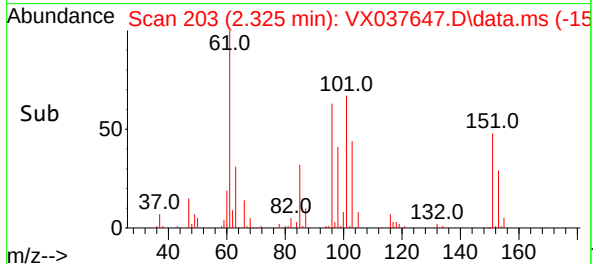
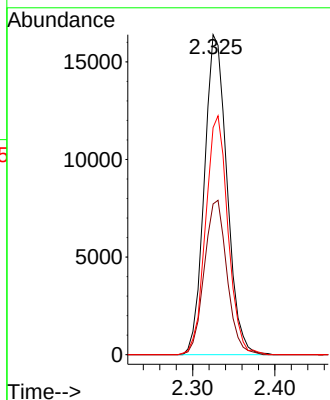
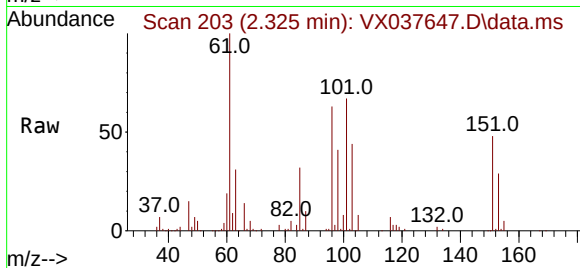
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.731 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 31300
Ion Ratio Lower Upper
101 100
85 48.4 37.0 55.6
151 73.8 58.6 87.8

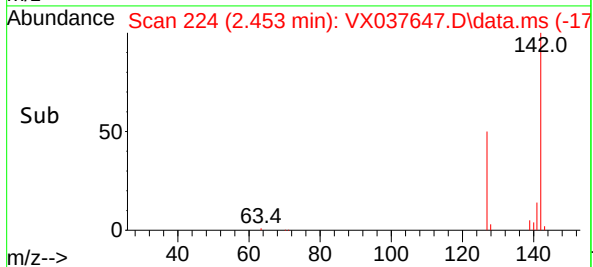
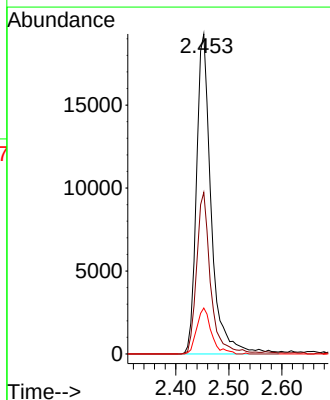
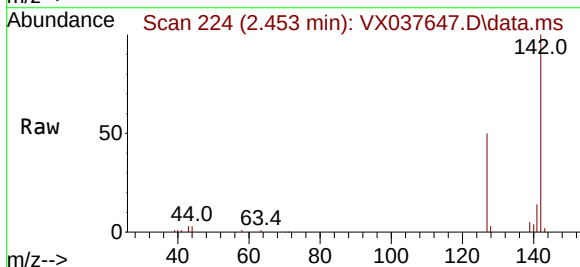
Manual Integrations
APPROVED

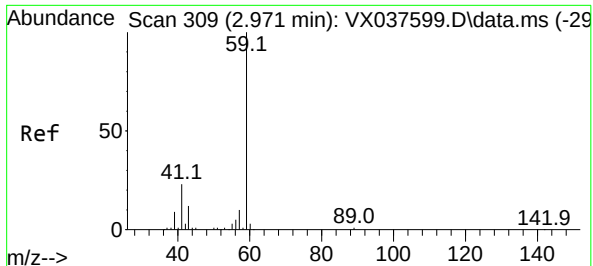
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 19.656 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:142 Resp: 37266
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 14.3 11.6 17.4





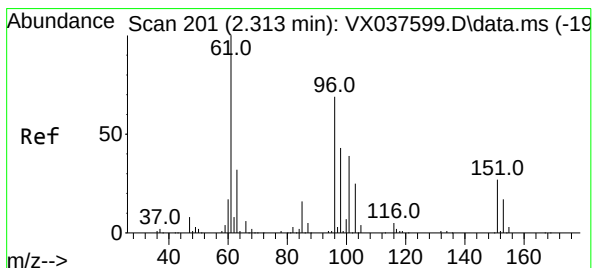
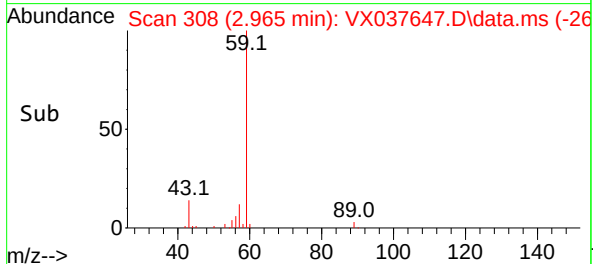
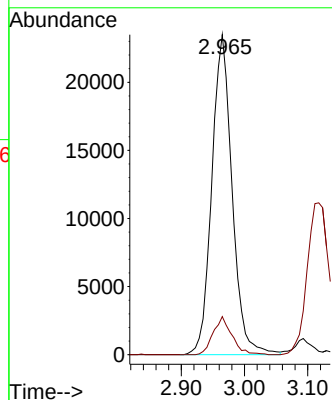
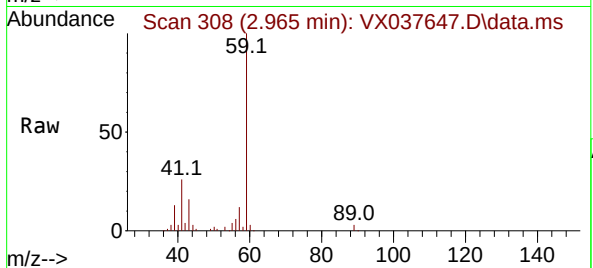
#11
Tert butyl alcohol
Concen: 100.000 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 52509
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0

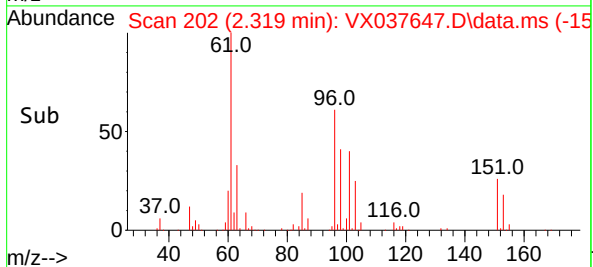
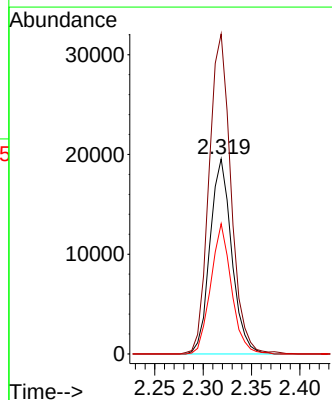
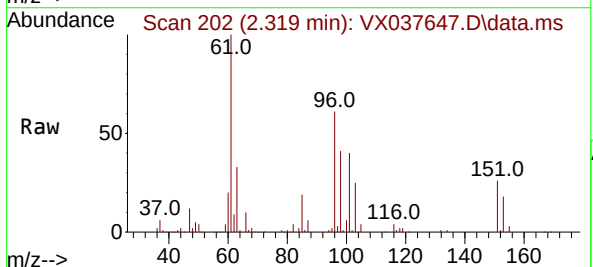
Manual Integrations
APPROVED

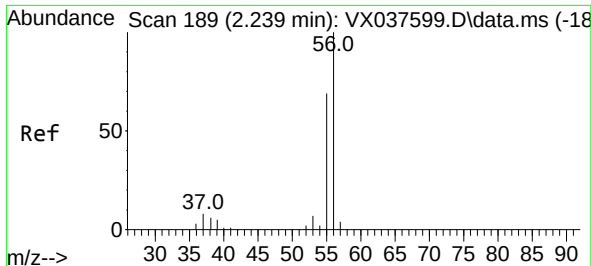
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#12
1,1-Dichloroethene
Concen: 18.873 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

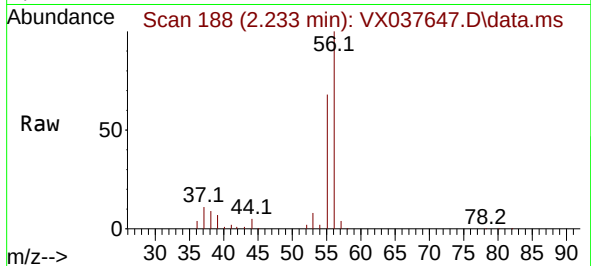
Tgt Ion: 96 Resp: 30601
Ion Ratio Lower Upper
96 100
61 164.0 144.6 216.8
98 66.7 50.4 75.6





#13
Acrolein
Concen: 94.346 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

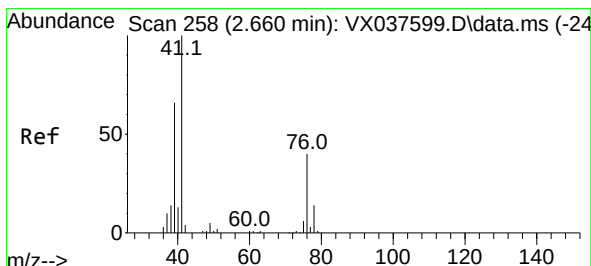
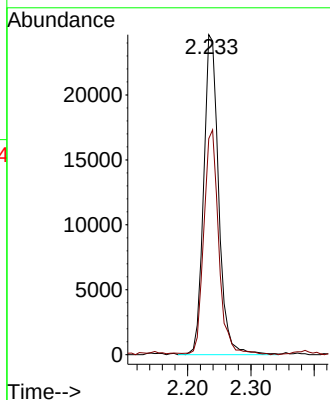
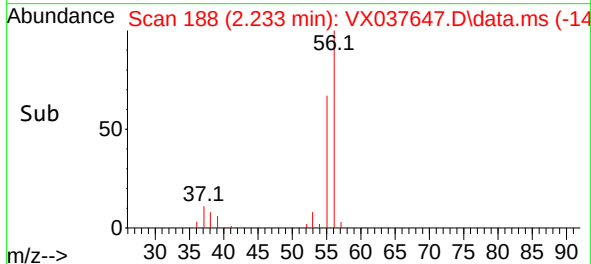
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 40648
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

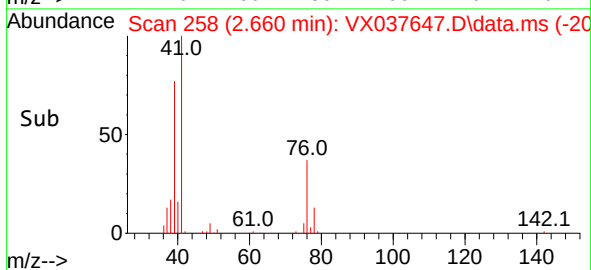
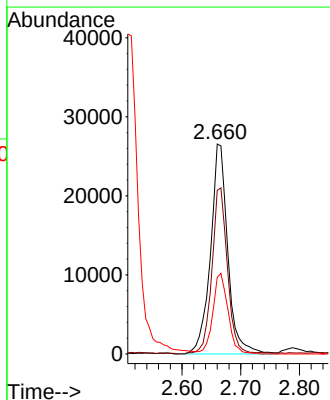
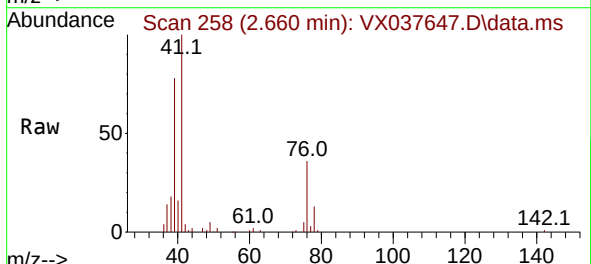
Manual Integrations
APPROVED

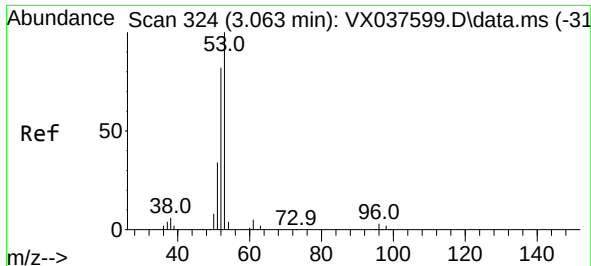
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#14
Allyl chloride
Concen: 18.812 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

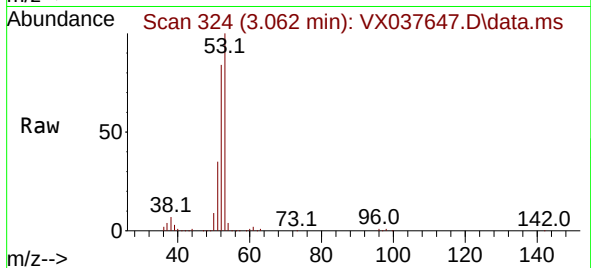
Tgt Ion: 41 Resp: 54456
Ion Ratio Lower Upper
41 100
39 71.3 55.8 83.6
76 33.6 24.3 36.5





#15
Acrylonitrile
Concen: 95.466 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

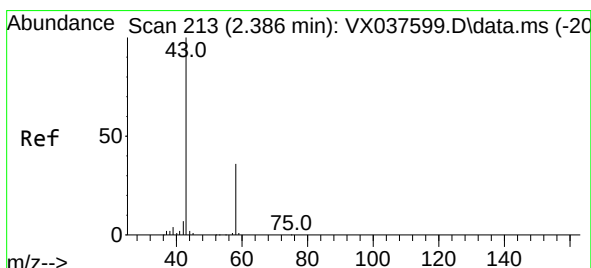
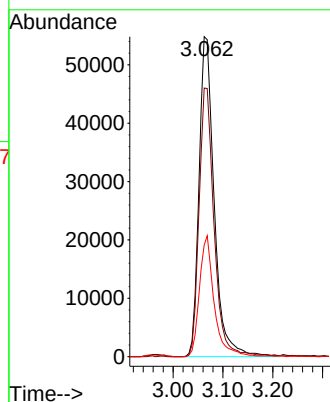
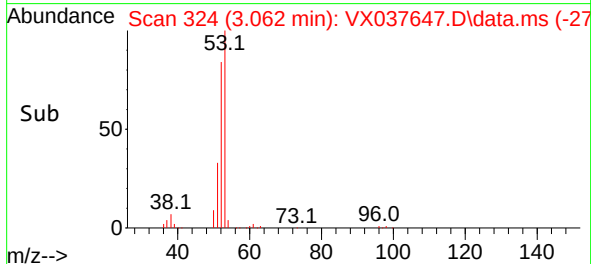
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 116222
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.6 29.8 44.6

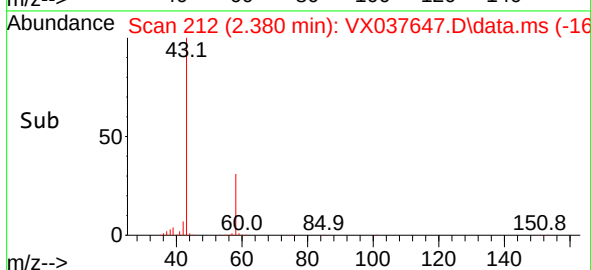
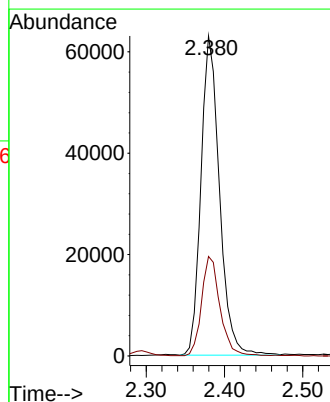
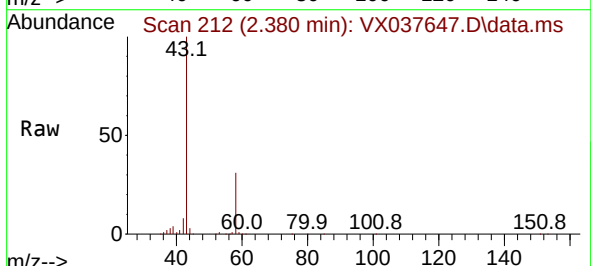
Manual Integrations
APPROVED

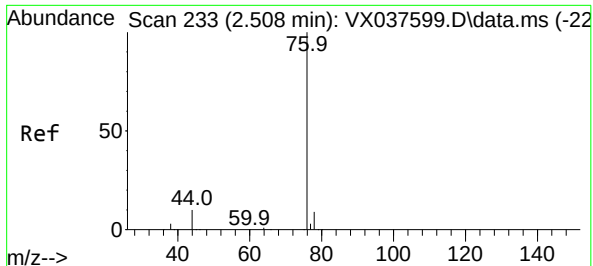
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#16
Acetone
Concen: 92.303 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 43 Resp: 103525
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 17.642 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 74590

Ion Ratio Lower Upper

76 100

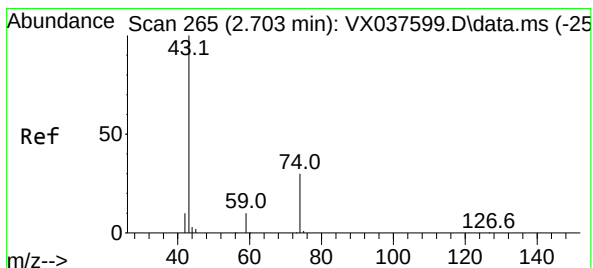
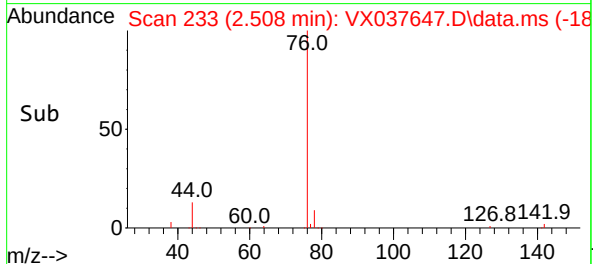
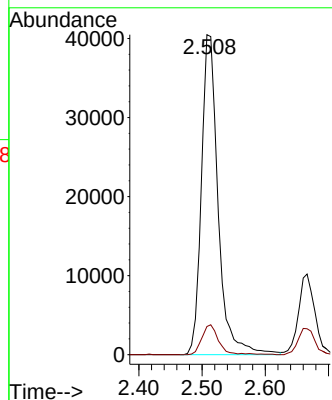
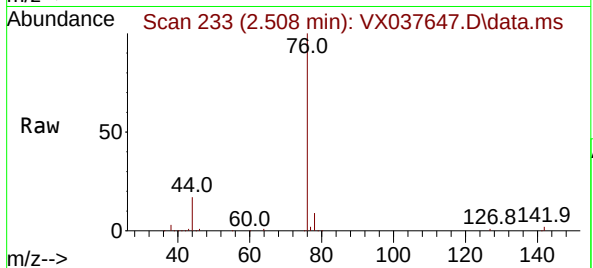
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#18

Methyl Acetate

Concen: 19.075 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037647.D

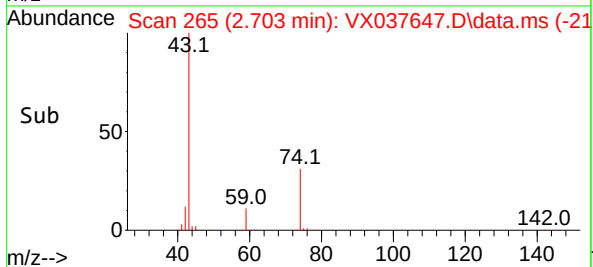
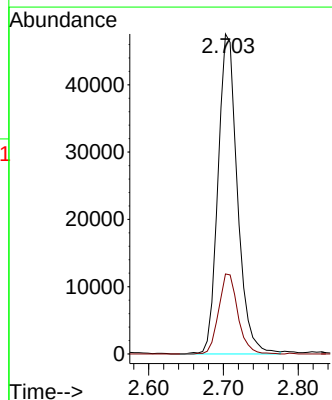
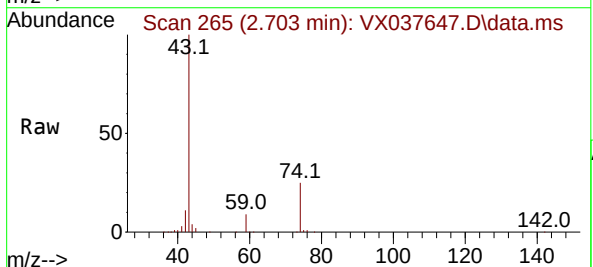
Acq: 11 Sep 2023 17:48

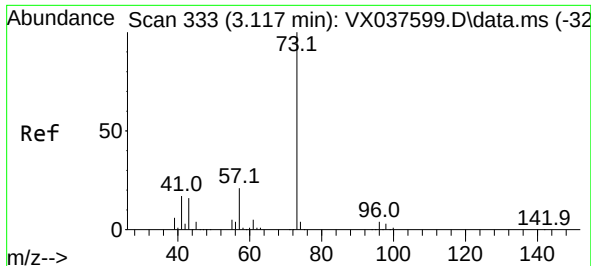
Tgt Ion: 43 Resp: 85831

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8





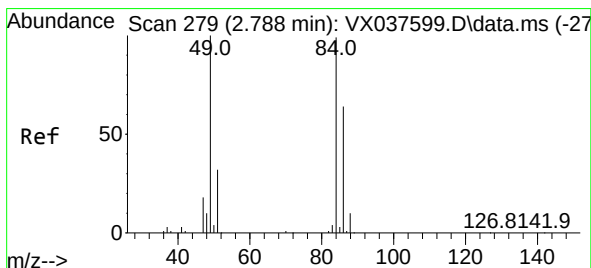
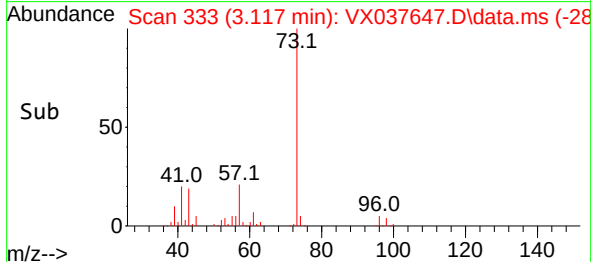
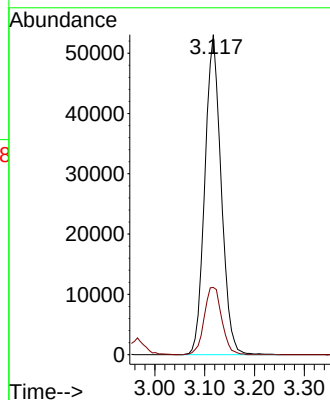
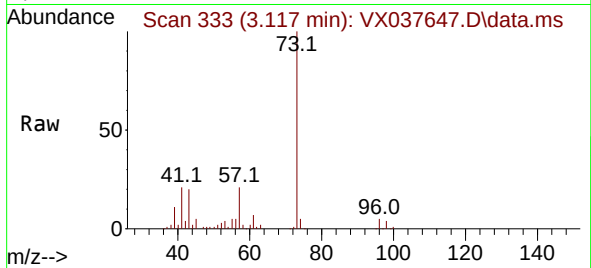
#19
Methyl tert-butyl Ether
Concen: 18.751 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 12029
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

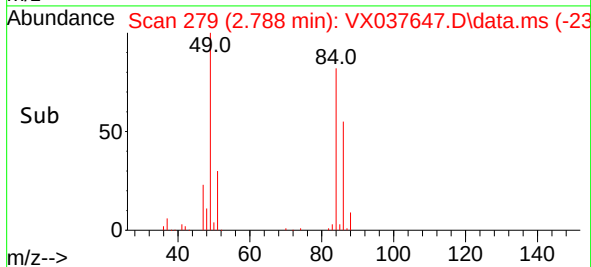
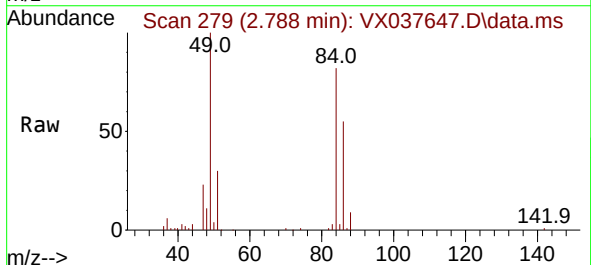
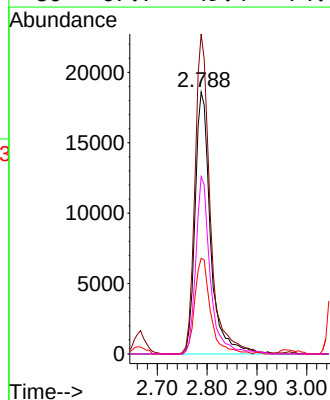
Manual Integrations
APPROVED

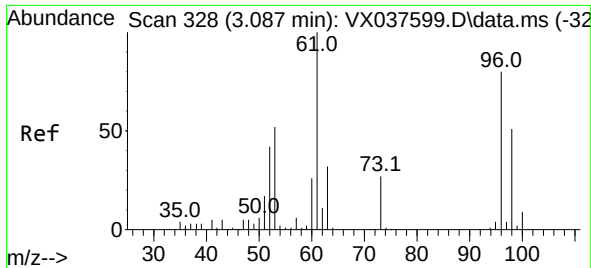
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 19.943 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

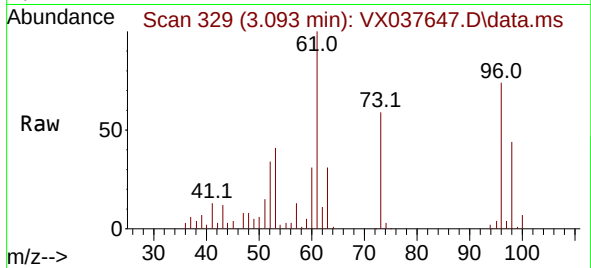
Tgt Ion: 84 Resp: 39960
Ion Ratio Lower Upper
84 100
49 122.1 103.6 155.4
51 36.5 33.8 50.6
86 67.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.216 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

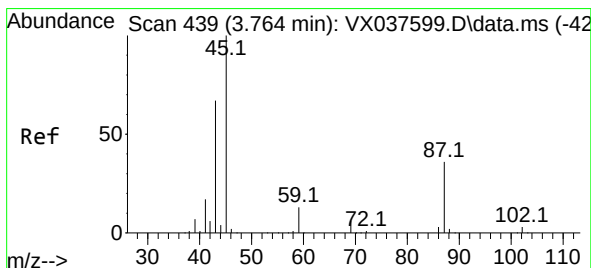
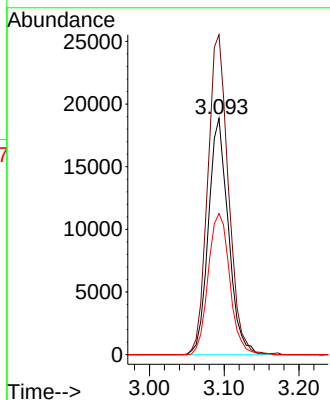
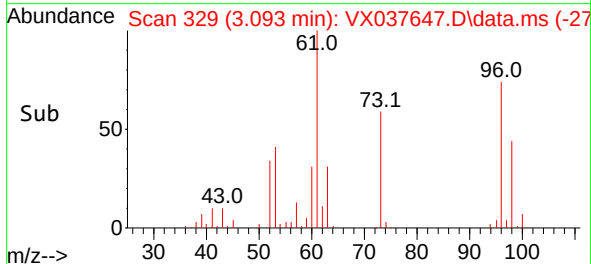
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 3505
Ion Ratio Lower Upper
96 100
61 135.4 119.2 178.8
98 59.7 48.7 73.1

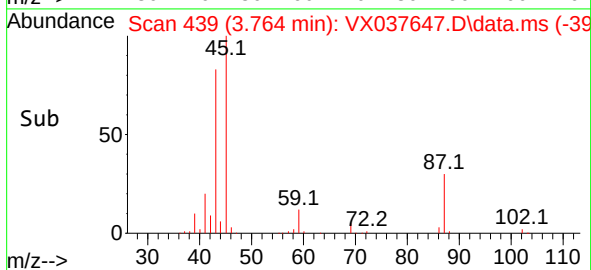
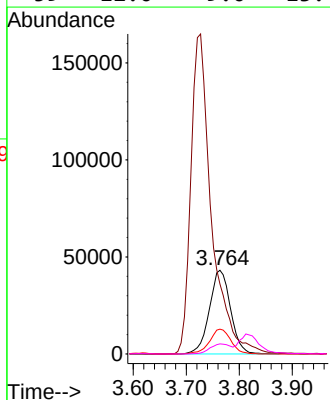
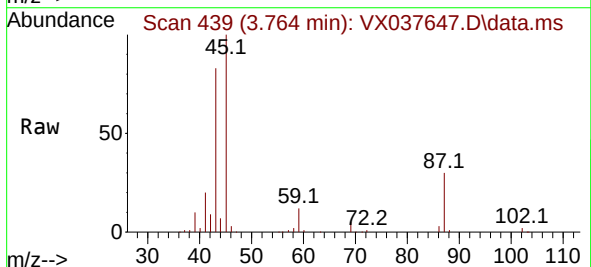
Manual Integrations
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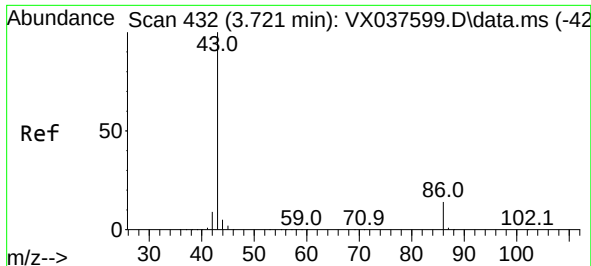
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 19.474 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 45 Resp: 119712
Ion Ratio Lower Upper
45 100
43 81.8 69.7 104.5
87 29.7 20.8 31.2
59 12.0 9.0 13.4





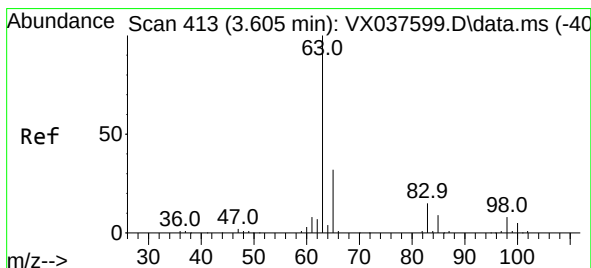
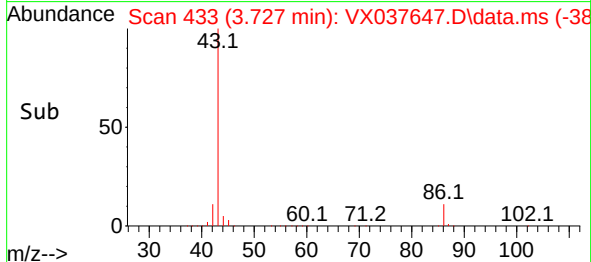
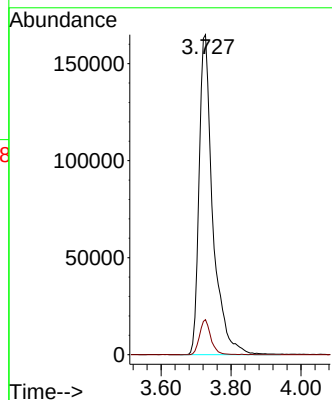
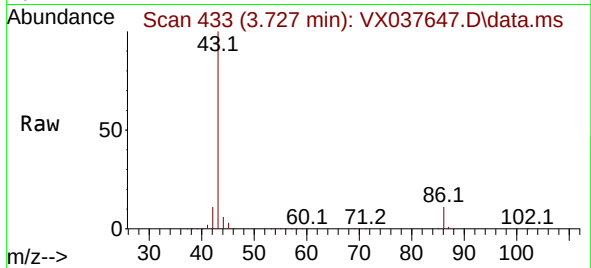
#23
 Vinyl Acetate
 Concen: 103.174 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037647.D
 Acq: 11 Sep 2023 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 44855
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.8 11.8

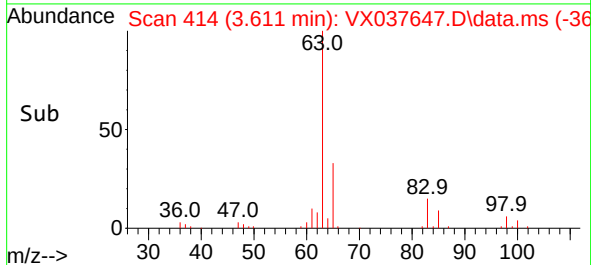
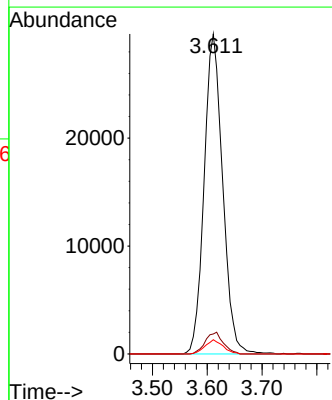
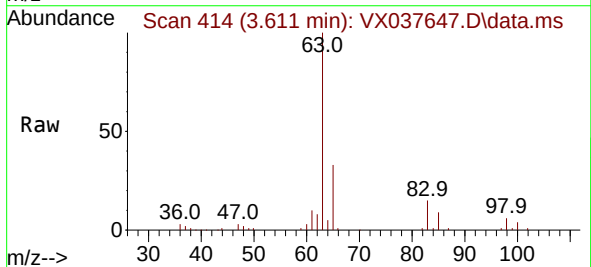
Manual Integrations
 APPROVED

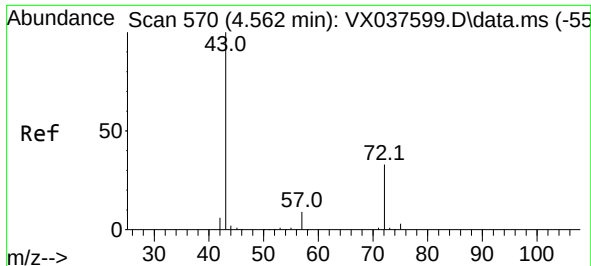
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023



#24
 1,1-Dichloroethane
 Concen: 18.895 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037647.D
 Acq: 11 Sep 2023 17:48

Tgt Ion: 63 Resp: 69405
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.5 2.1 6.5





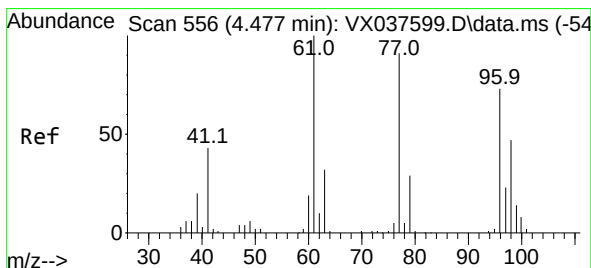
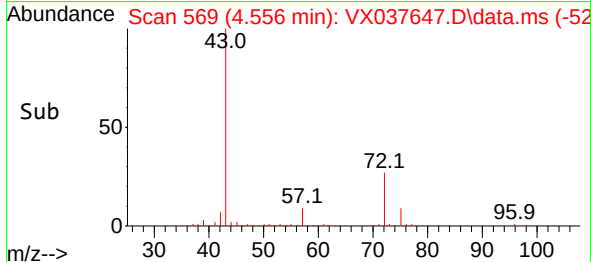
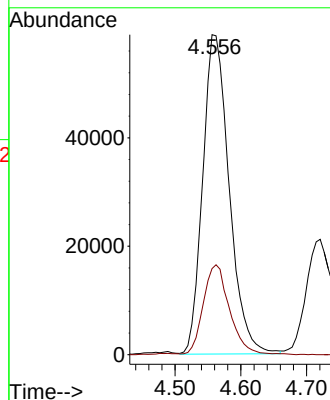
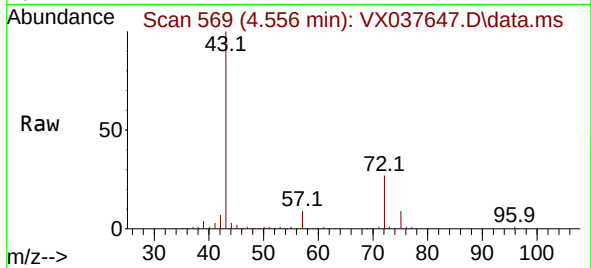
#25
2-Butanone
Concen: 95.595 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 16515
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

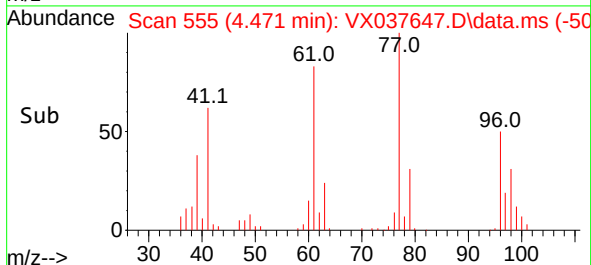
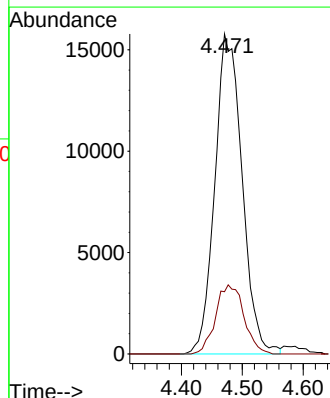
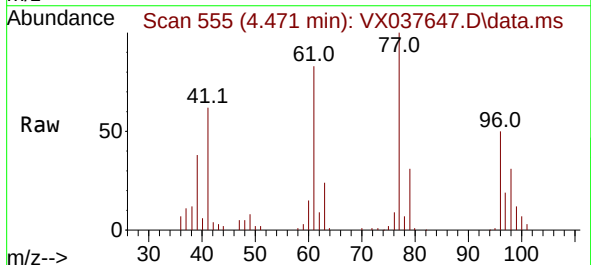
Manual Integrations
APPROVED

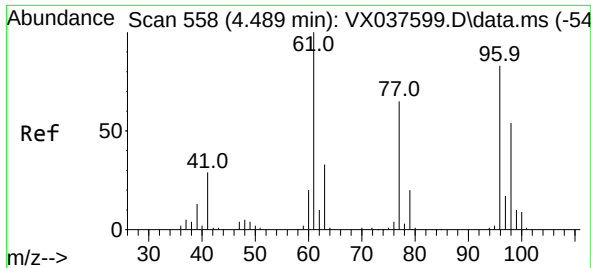
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#26
2,2-Dichloropropane
Concen: 20.494 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 77 Resp: 49067
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.165 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 43039

Ion Ratio Lower Upper

96 100

61 146.1 0.0 312.2

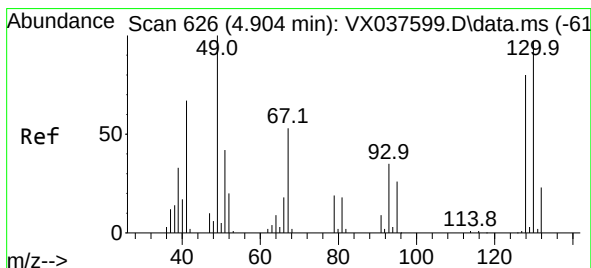
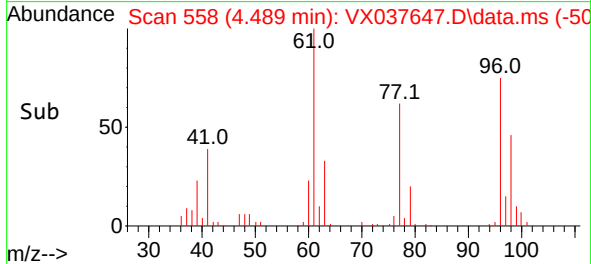
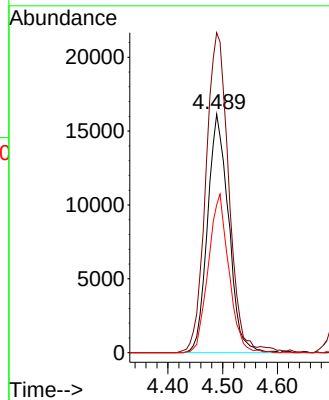
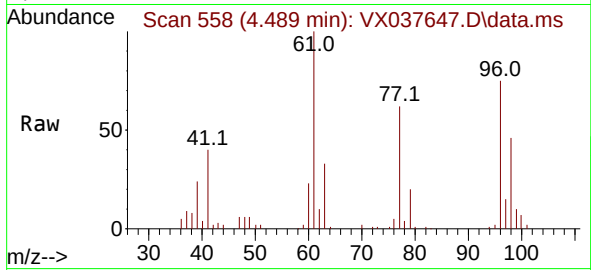
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#28

Bromochloromethane

Concen: 18.256 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

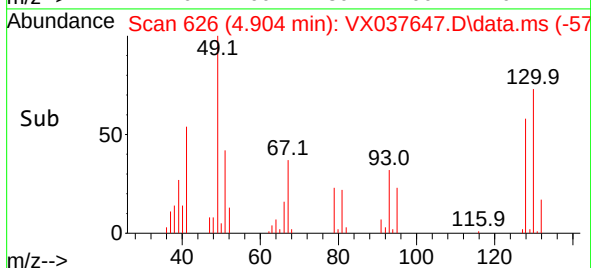
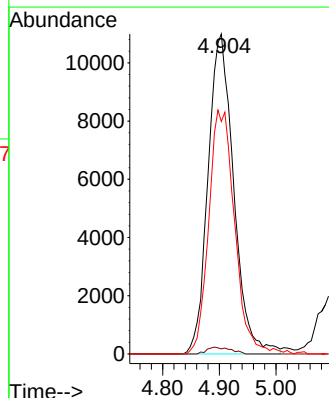
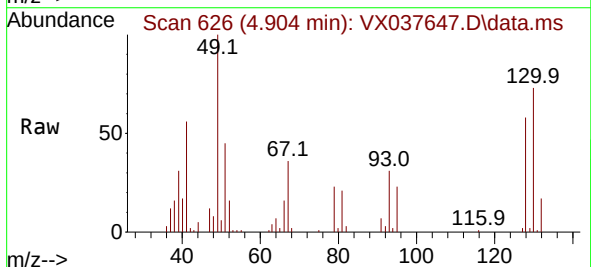
Tgt Ion: 49 Resp: 34511

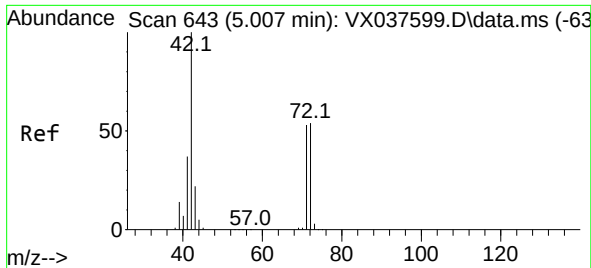
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

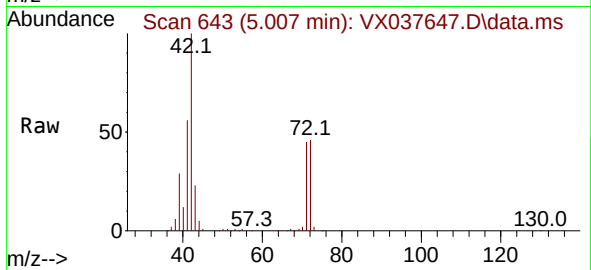
130 77.1 57.5 86.3





#29
Tetrahydrofuran
Concen: 96.051 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

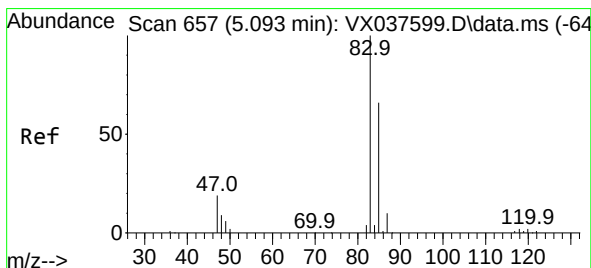
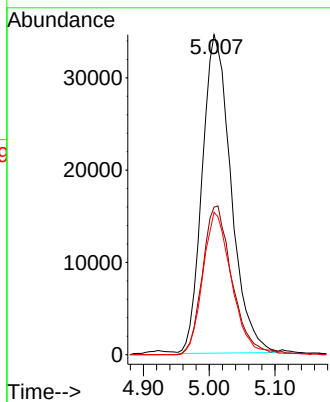
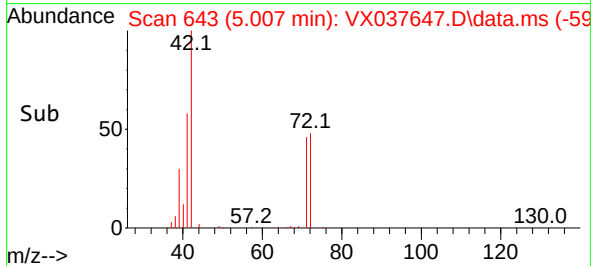
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



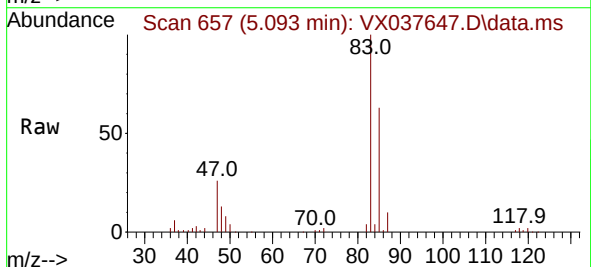
Tgt Ion: 42 Resp: 105219
Ion Ratio Lower Upper
42 100
72 48.3 34.2 51.4
71 44.9 32.2 48.2

Manual Integrations
APPROVED

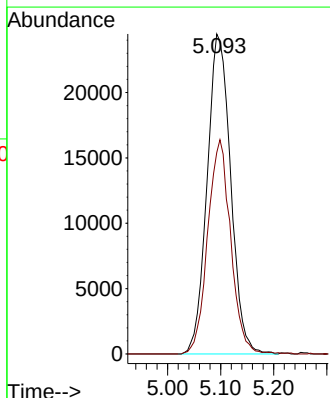
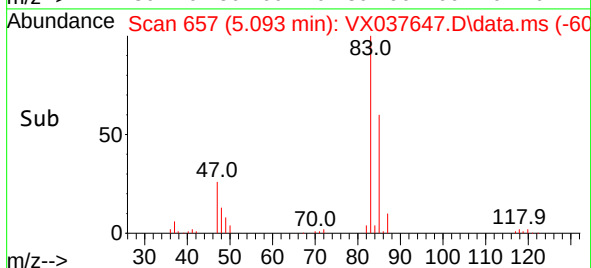
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

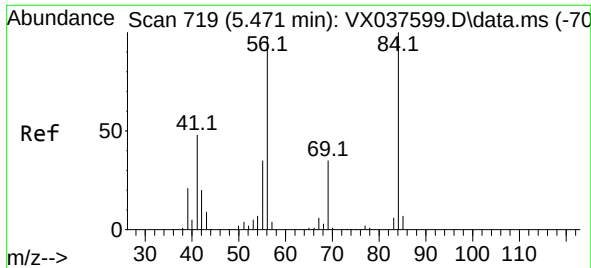


#30
Chloroform
Concen: 19.264 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48



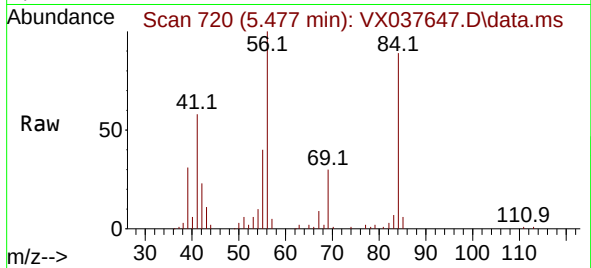
Tgt Ion: 83 Resp: 75555
Ion Ratio Lower Upper
83 100
85 62.9 50.3 75.5





#31
Cyclohexane
Concen: 18.902 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

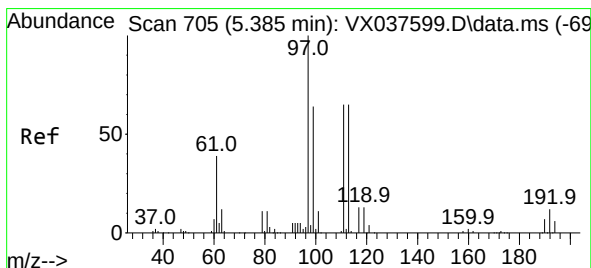
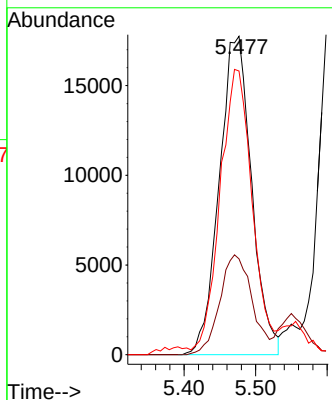
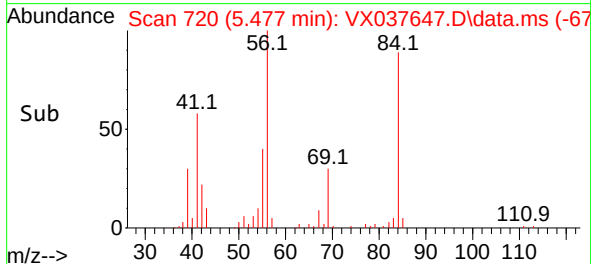
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 55649
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 86.6 65.9 98.9

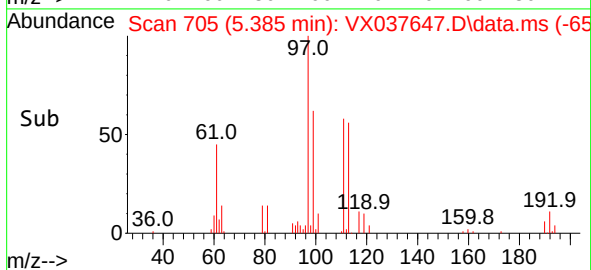
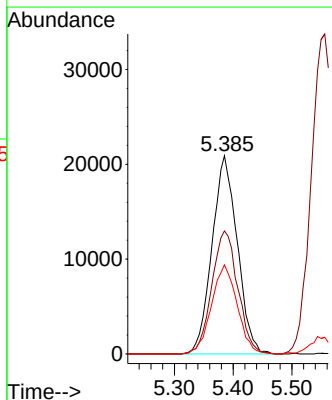
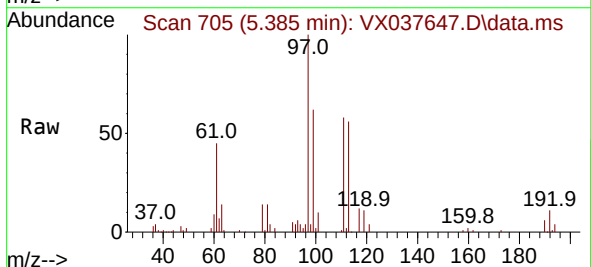
Manual Integrations
APPROVED

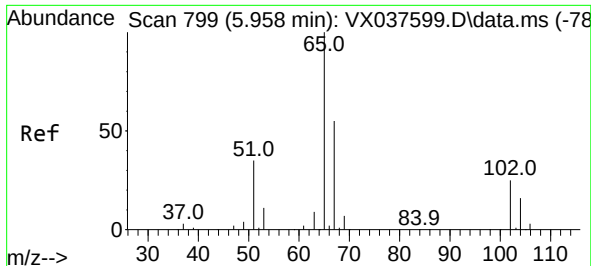
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#32
1,1,1-Trichloroethane
Concen: 19.391 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 97 Resp: 62452
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 45.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 18.180 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4726

Ion Ratio Lower Upper

65 100

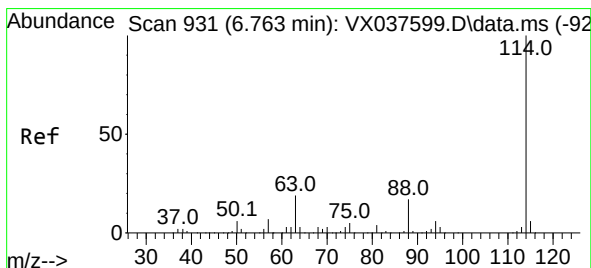
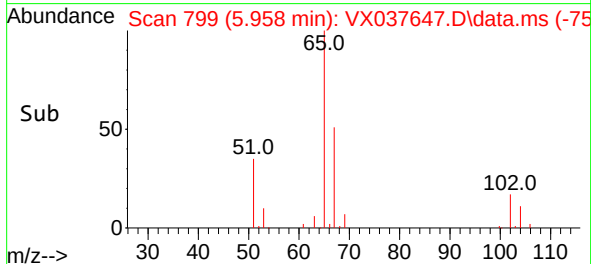
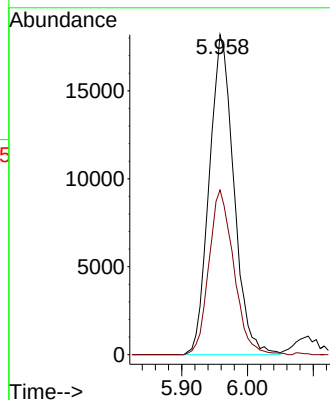
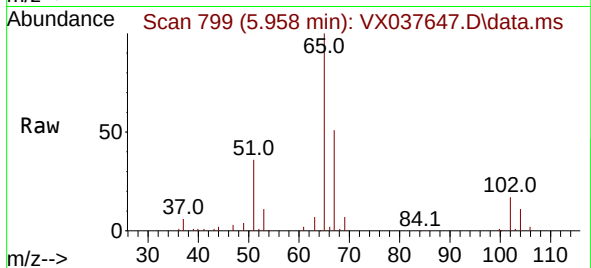
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

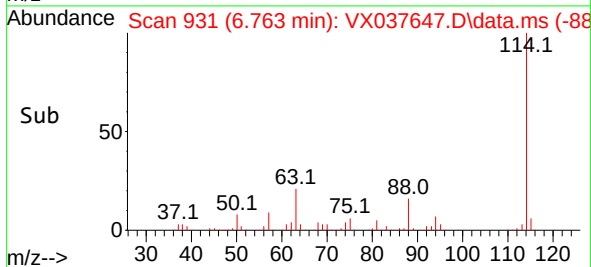
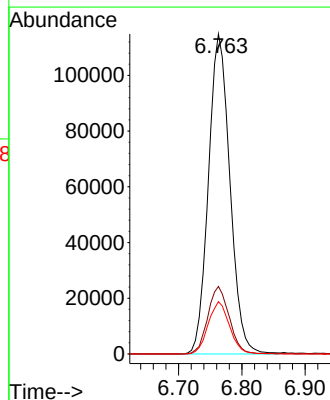
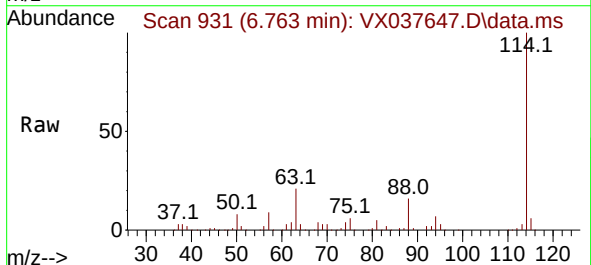
Tgt Ion:114 Resp: 271110

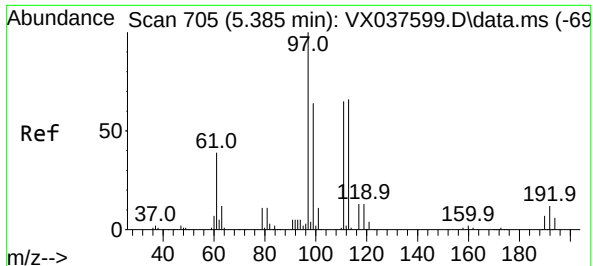
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 18.924 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

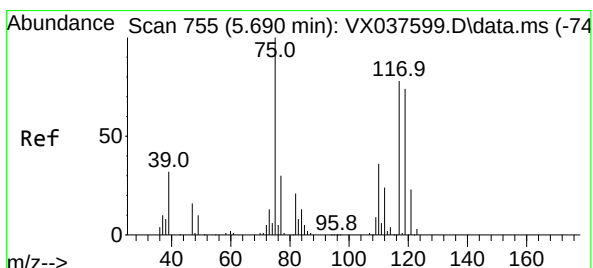
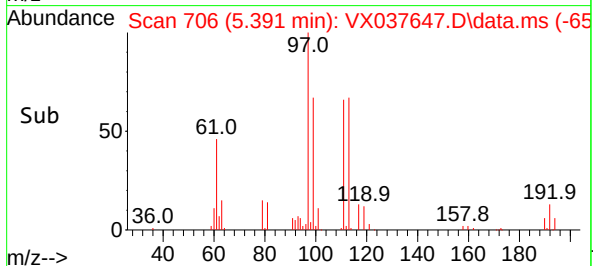
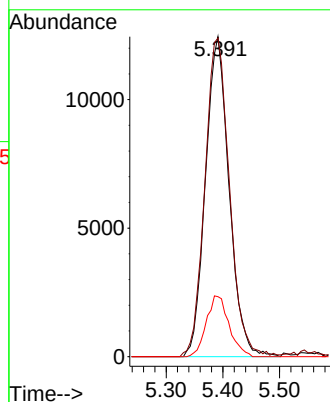
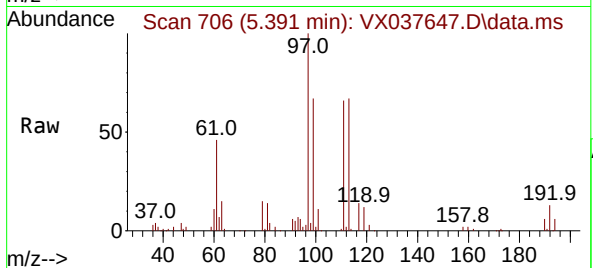
Tgt Ion:	113	Resp:	35978
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.3	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#36

1,1-Dichloropropene

Concen: 18.550 ug/l

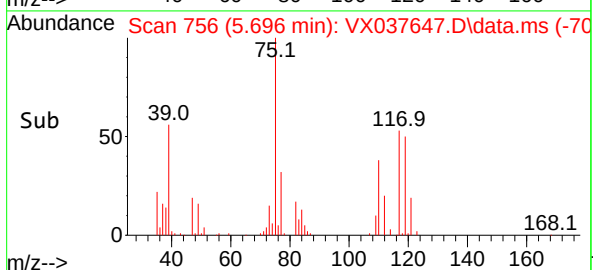
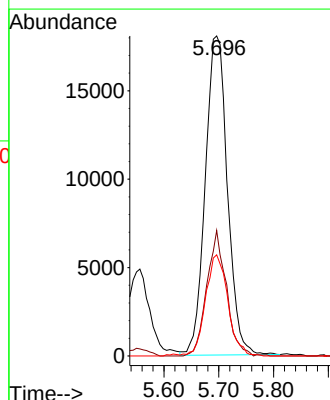
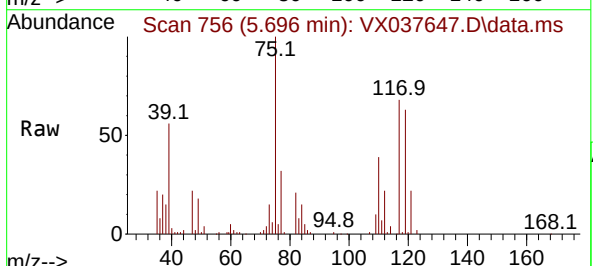
RT: 5.696 min Scan# 756

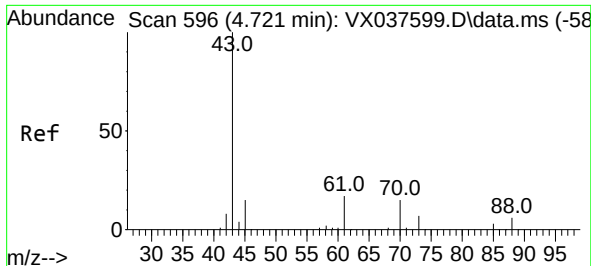
Delta R.T. 0.006 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

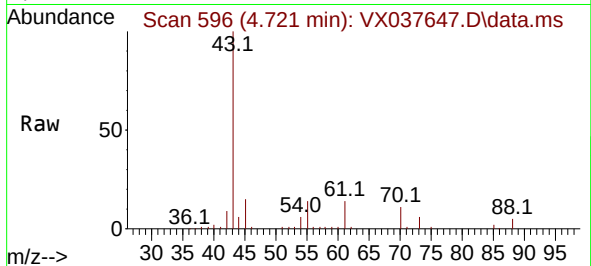
Tgt Ion:	75	Resp:	50697
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.0	50.9
77	31.8	24.7	37.1





#37
Ethyl Acetate
Concen: 20.155 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

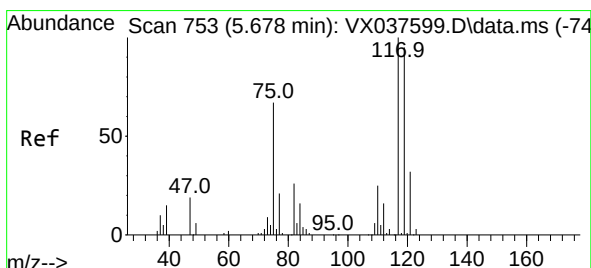
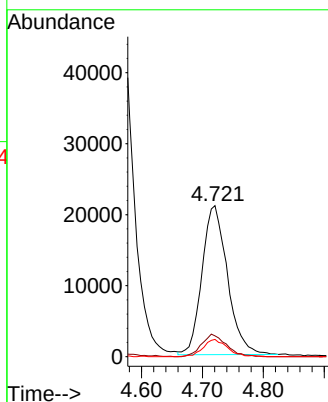
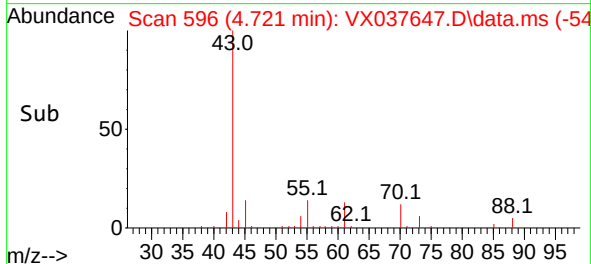
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 61020
Ion Ratio Lower Upper
43 100
61 14.6 10.6 16.0
70 11.1 8.3 12.5

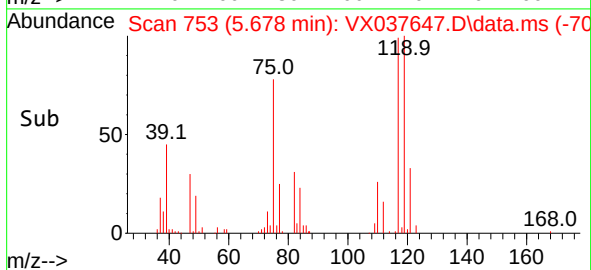
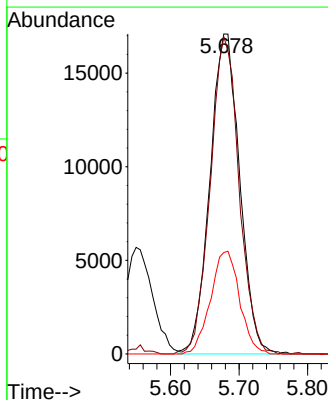
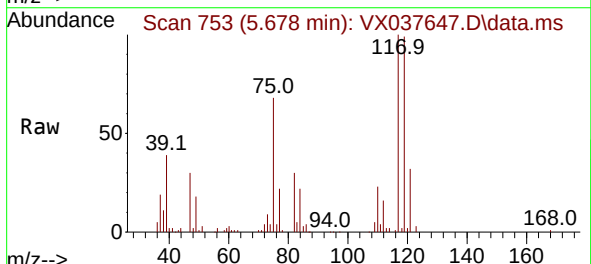
Manual Integrations
APPROVED

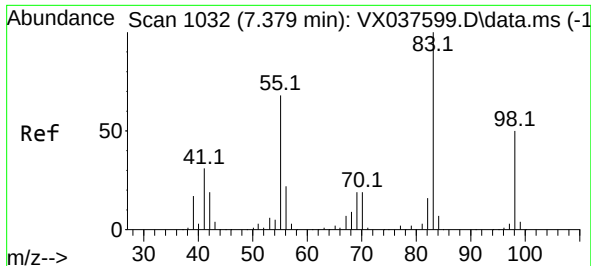
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#38
Carbon Tetrachloride
Concen: 19.978 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:117 Resp: 51465
Ion Ratio Lower Upper
117 100
119 98.4 78.2 117.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 19.353 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 60618

Ion Ratio Lower Upper

83 100

55 76.1 64.6 97.0

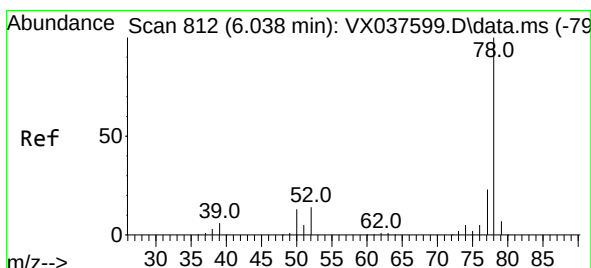
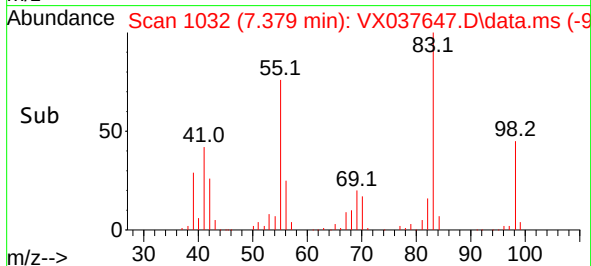
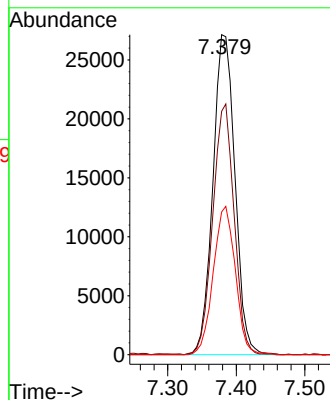
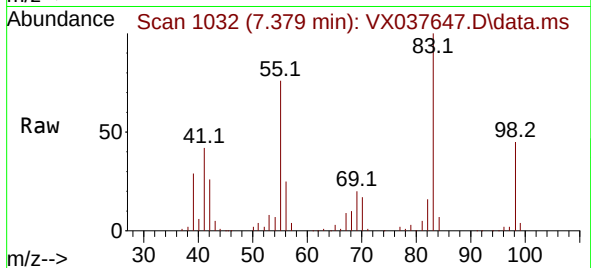
98 44.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#40

Benzene

Concen: 19.388 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037647.D

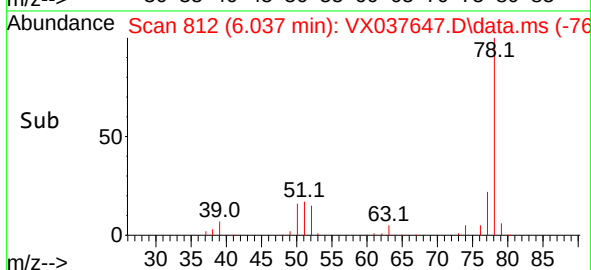
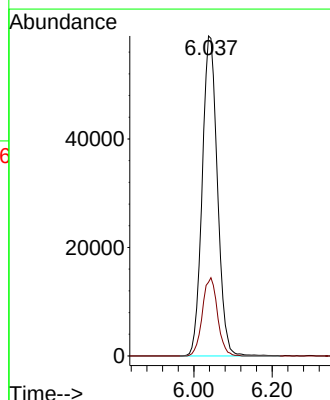
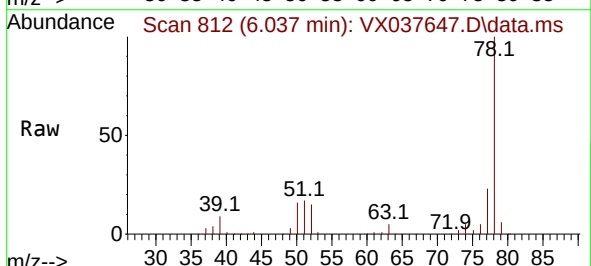
Acq: 11 Sep 2023 17:48

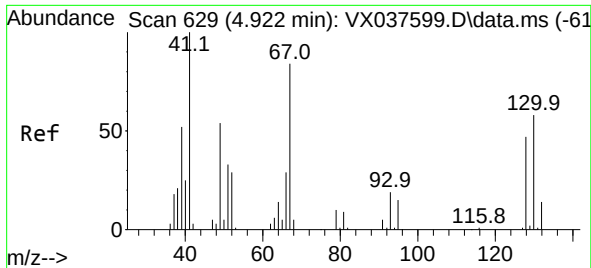
Tgt Ion: 78 Resp: 159010

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 19.889 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

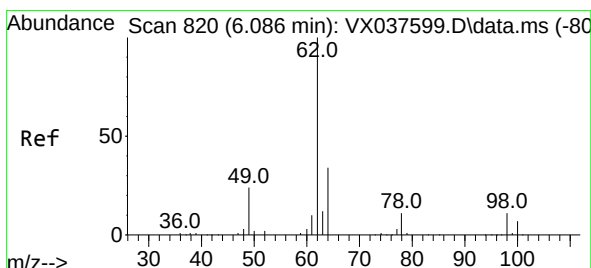
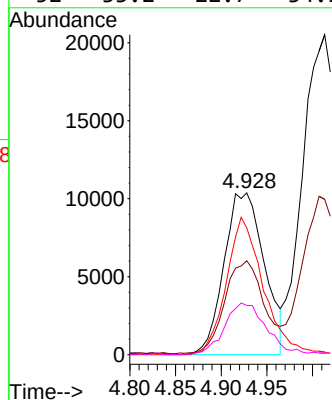
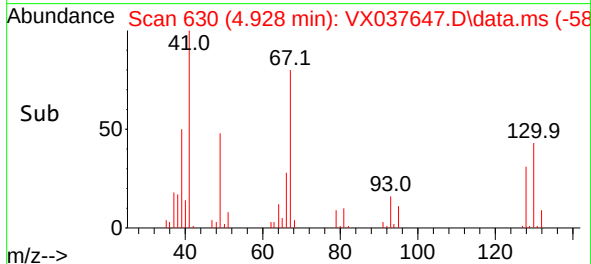
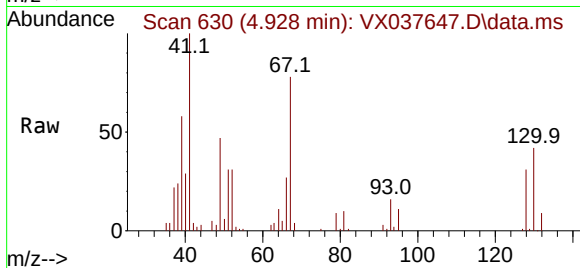
VSTDICC020

Tgt Ion: 41 Resp: 31924
Ion Ratio Lower Upper
41 100
39 56.0 45.2 67.8
67 77.8 52.6 78.8
52 33.2 22.7 34.1

Manual Integrations

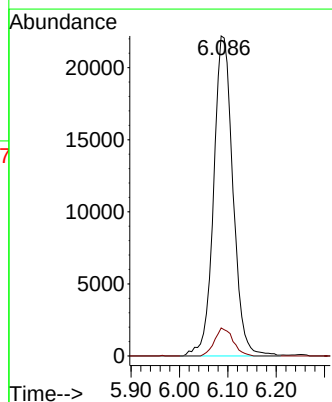
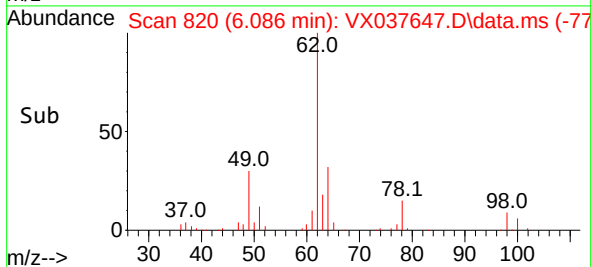
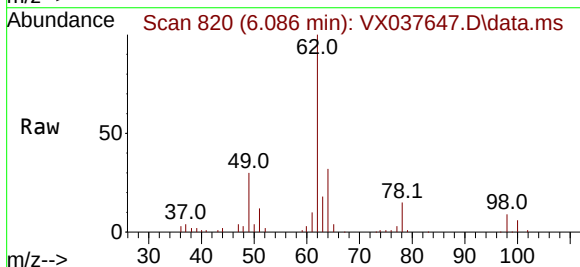
APPROVED

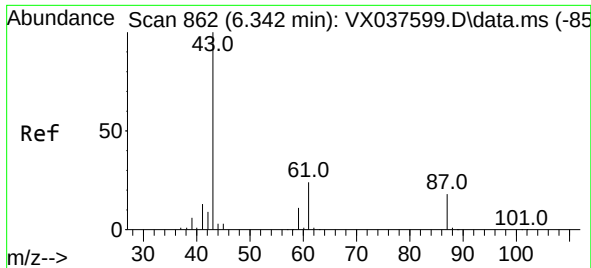
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 19.157 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 62 Resp: 61639
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 20.678 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

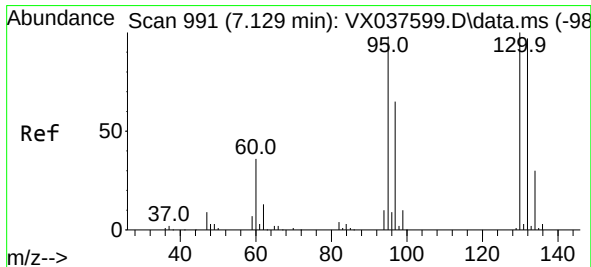
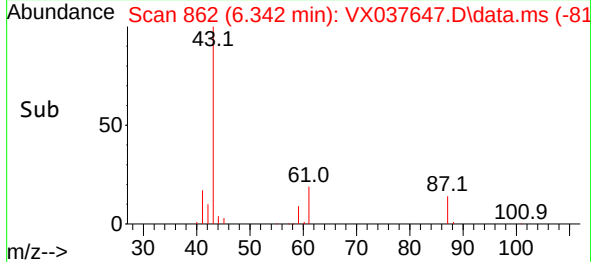
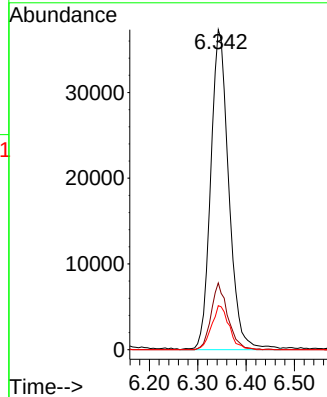
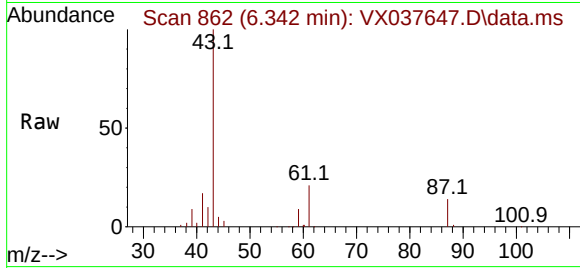
Tgt Ion: 43	Resp: 9683
Ion Ratio	Lower Upper
43 100	
61 19.2	15.2 22.8
87 13.5	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#44

Trichloroethene

Concen: 19.668 ug/l

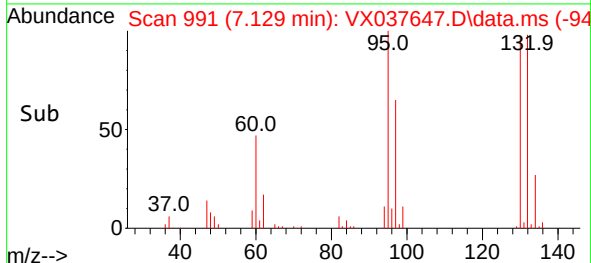
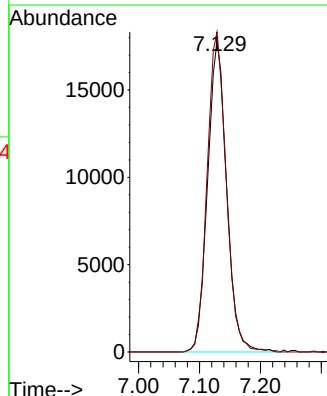
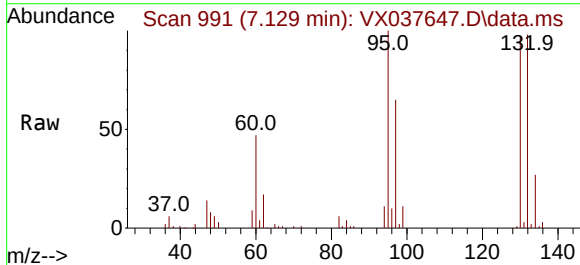
RT: 7.129 min Scan# 991

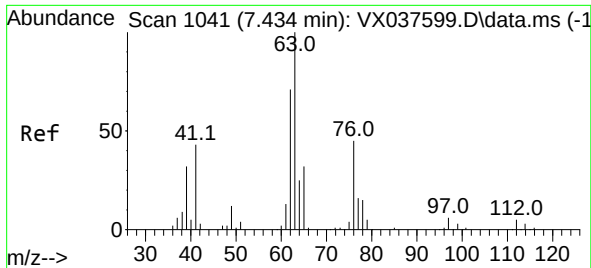
Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Tgt Ion:130	Resp: 38715
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 204.4





#45
1,2-Dichloropropane
Concen: 20.108 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

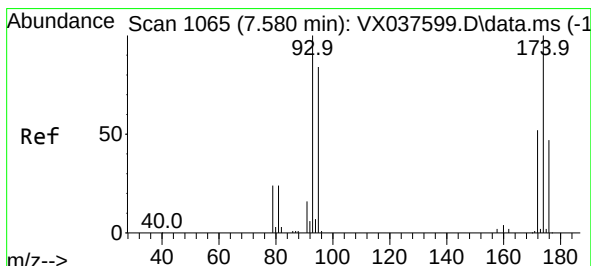
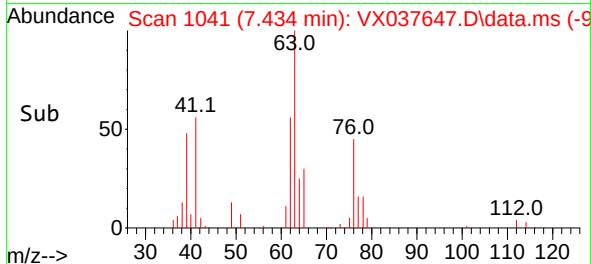
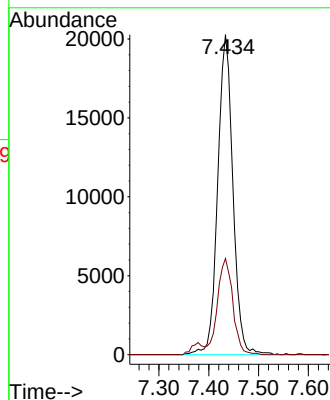
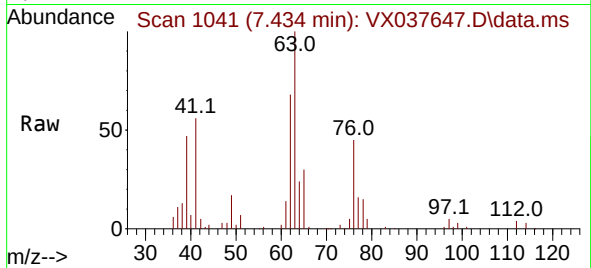
VSTDICC020

Tgt Ion: 63 Resp: 4290
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5

Manual Integrations

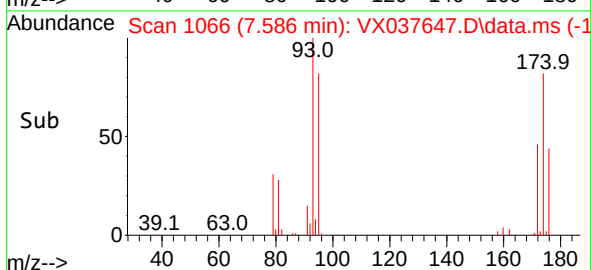
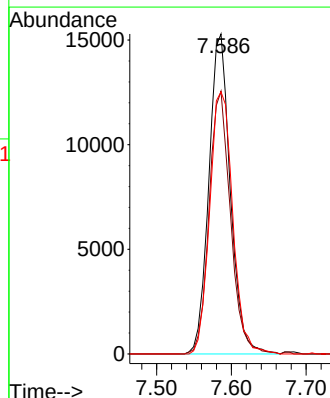
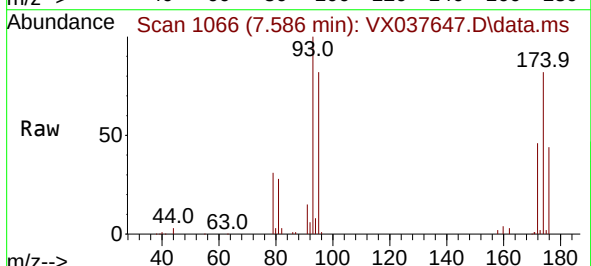
APPROVED

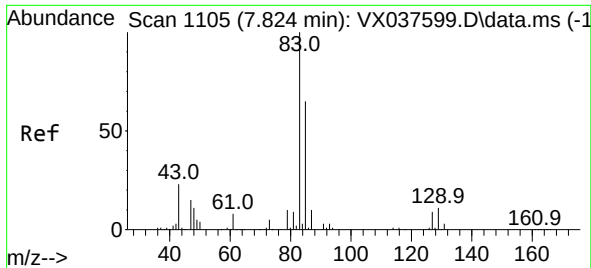
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#46
Dibromomethane
Concen: 19.633 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 93 Resp: 30513
Ion Ratio Lower Upper
93 100
95 81.9 66.6 100.0
174 87.7 69.4 104.0





#47
Bromodichloromethane
Concen: 21.115 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

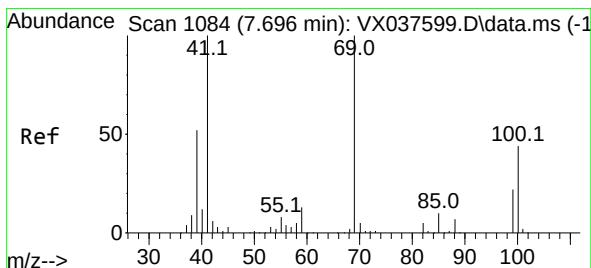
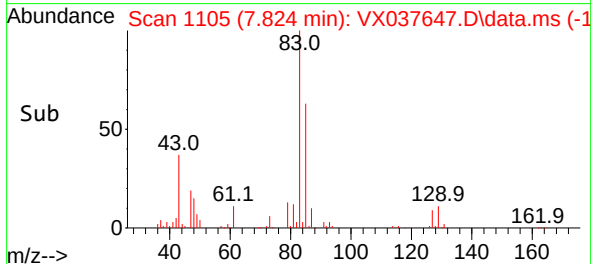
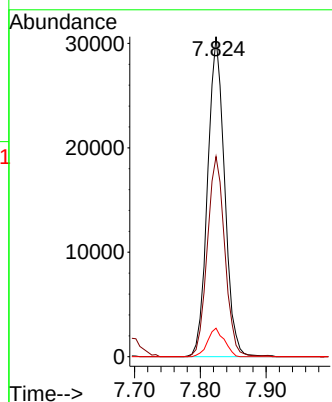
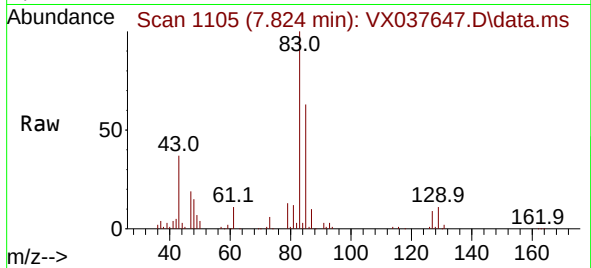
VSTDICC020

Tgt Ion: 83 Resp: 5496
Ion Ratio Lower Upper
83 100
85 62.5 49.8 74.6
127 8.9 7.1 10.7

Manual Integrations

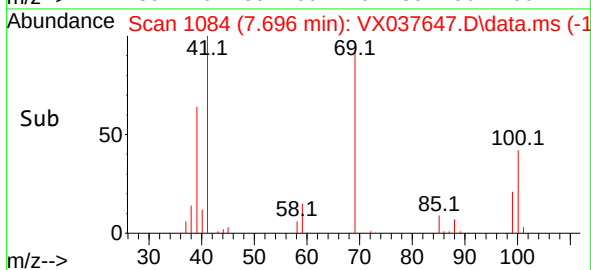
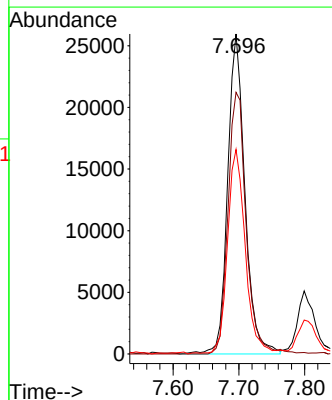
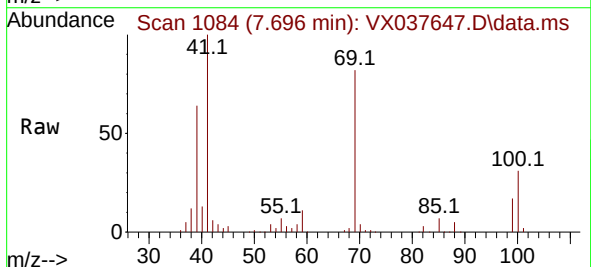
APPROVED

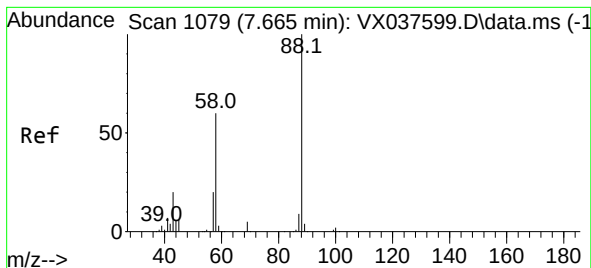
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 20.321 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 41 Resp: 47400
Ion Ratio Lower Upper
41 100
69 86.6 59.2 88.8
39 65.1 47.7 71.5





#49

1,4-Dioxane

Concen: 399.725 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

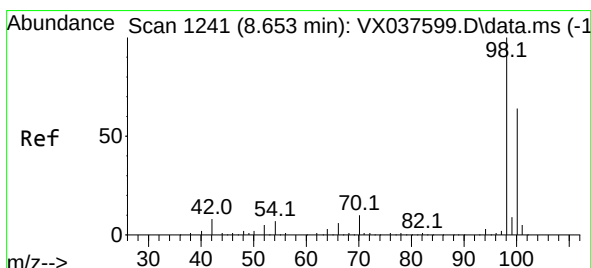
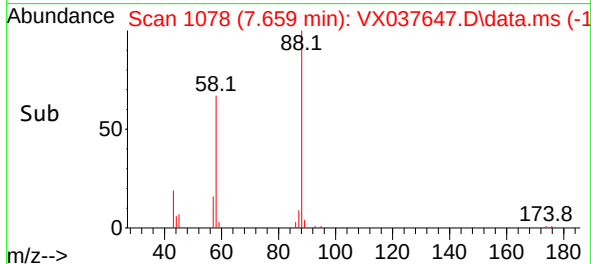
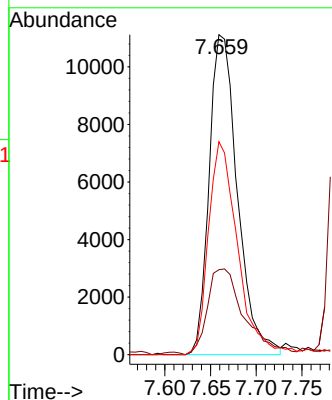
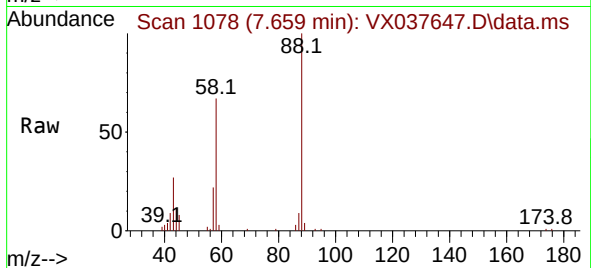
Tgt Ion: 88 Resp: 23930
 Ion Ratio Lower Upper
 88 100
 43 34.8 0.0 0.0
 58 68.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#50

Toluene-d8

Concen: 18.768 ug/l

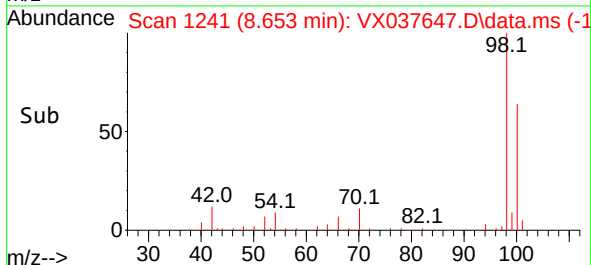
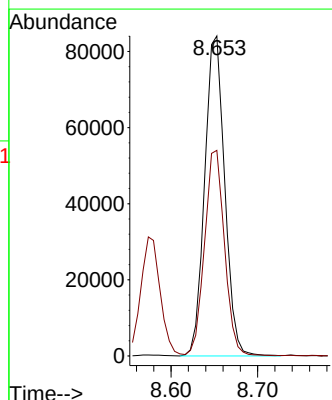
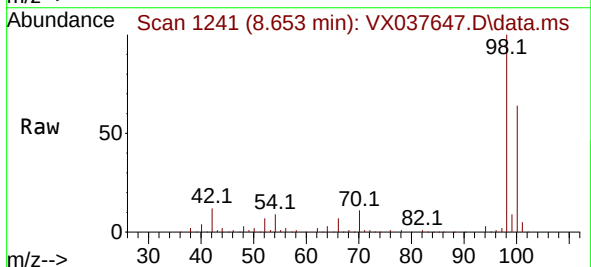
RT: 8.653 min Scan# 1241

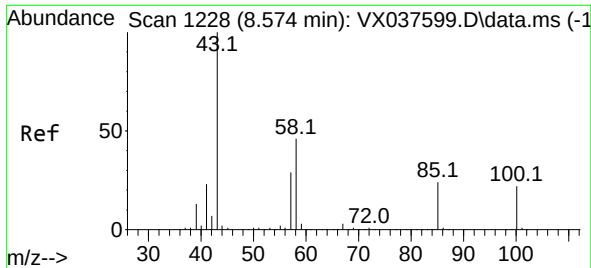
Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Tgt Ion: 98 Resp: 135230
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 102.801 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

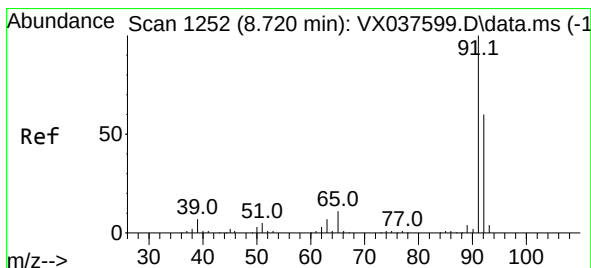
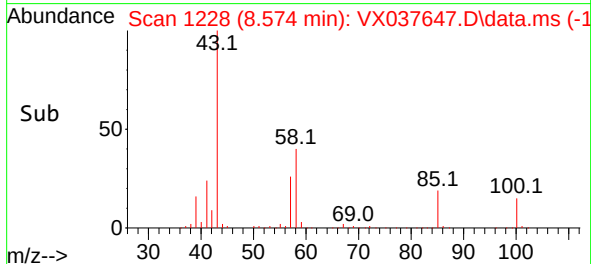
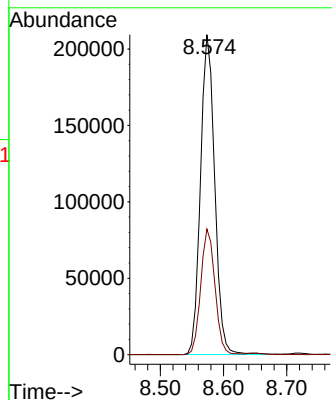
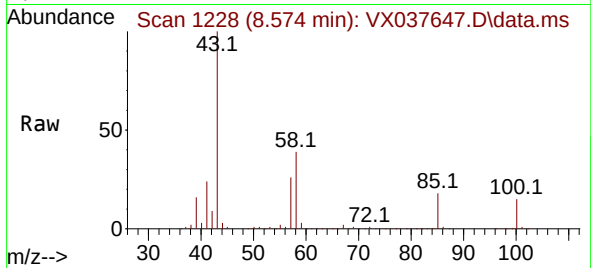
VSTDICC020

Tgt Ion: 43 Resp: 328744
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

Manual Integrations

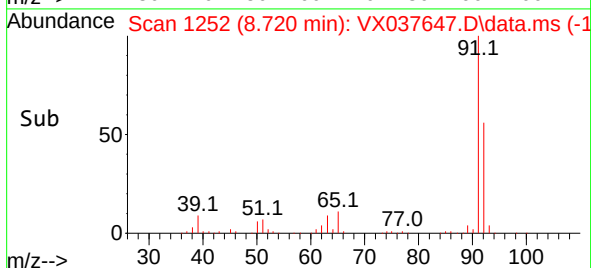
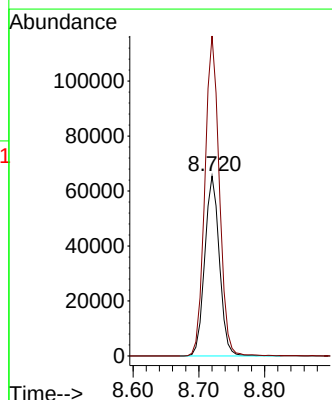
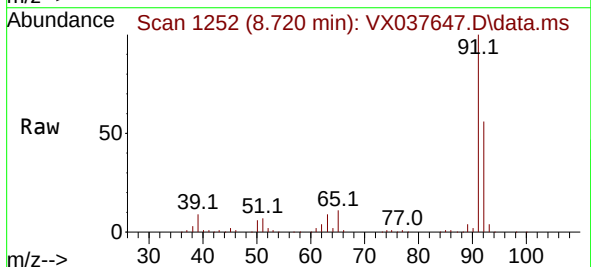
APPROVED

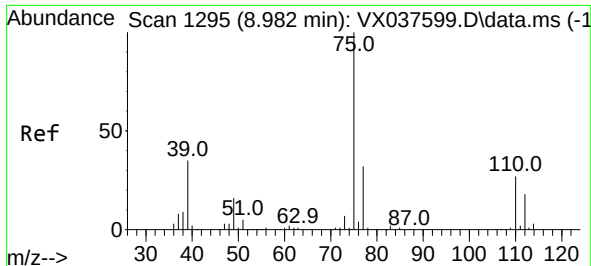
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 20.026 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 92 Resp: 101088
Ion Ratio Lower Upper
92 100
91 175.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 22.169 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 53840

Ion Ratio Lower Upper

75 100

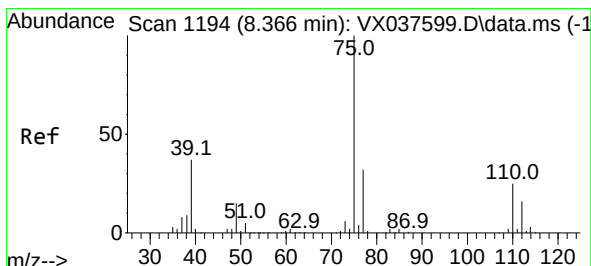
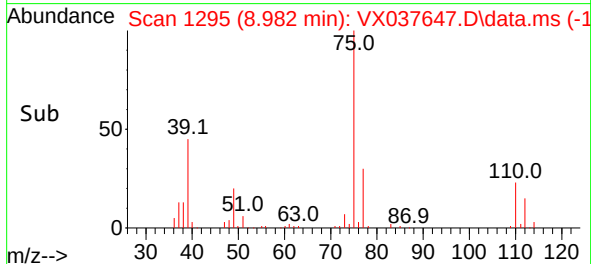
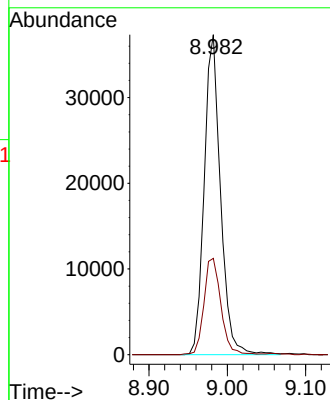
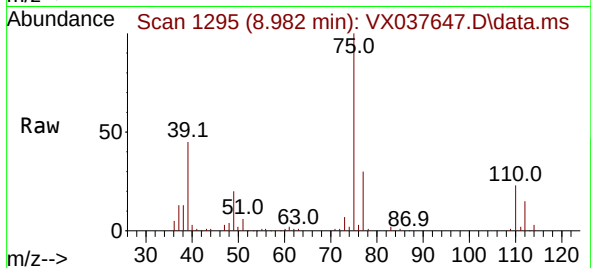
77 30.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#54

cis-1,3-Dichloropropene

Concen: 21.672 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

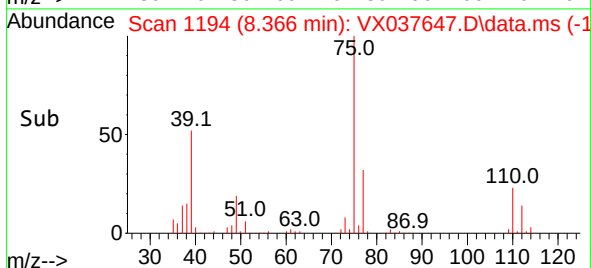
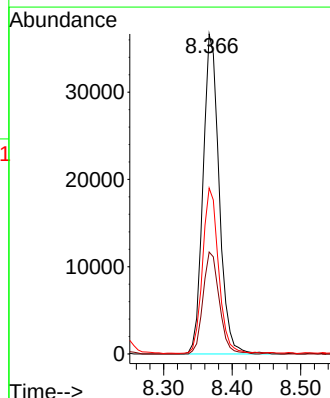
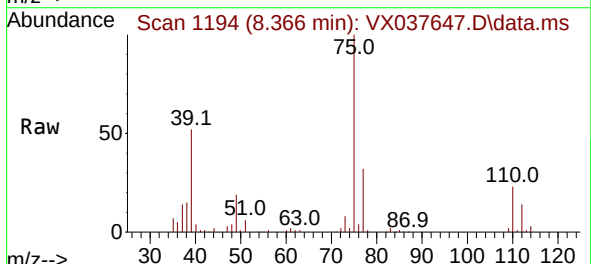
Tgt Ion: 75 Resp: 59998

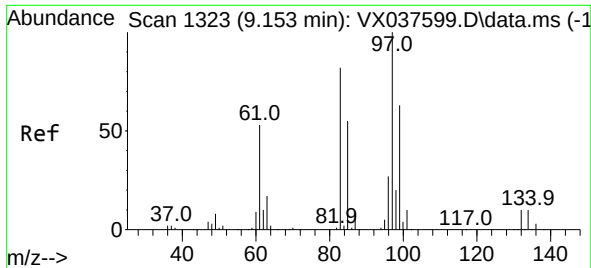
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 51.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.895 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

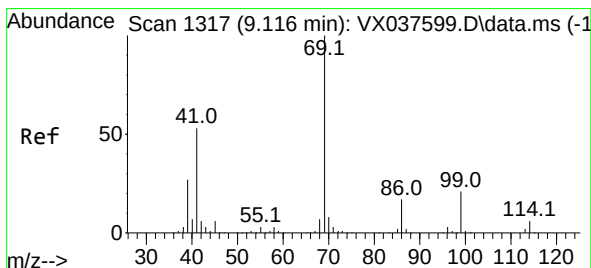
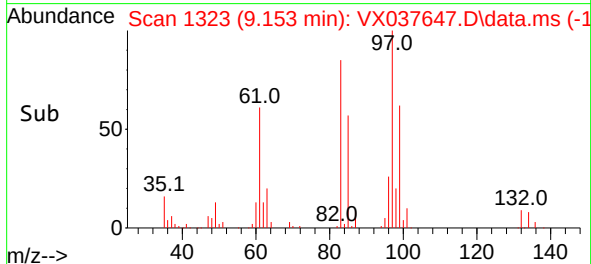
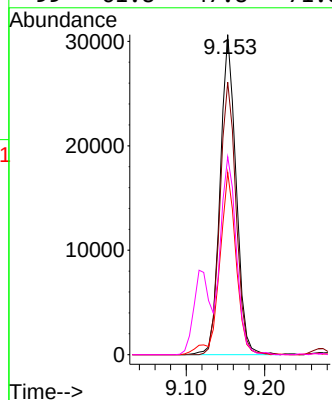
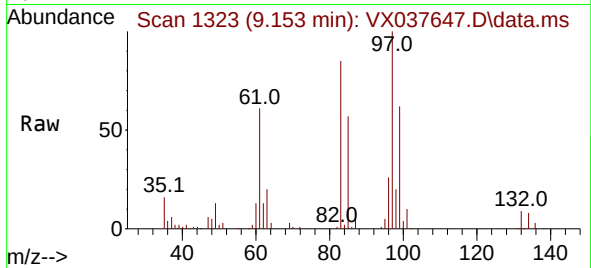
VSTDICC020

Tgt Ion: 97 Resp: 4338
Ion Ratio Lower Upper
97 100
83 85.1 65.8 98.8
85 57.0 41.6 62.4
99 61.8 47.8 71.8

Manual Integrations

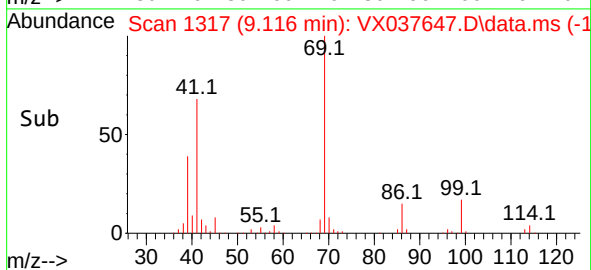
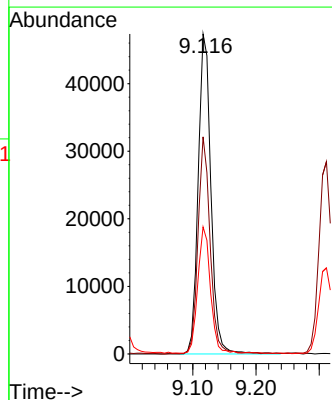
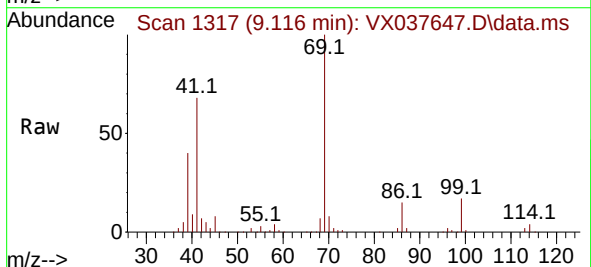
APPROVED

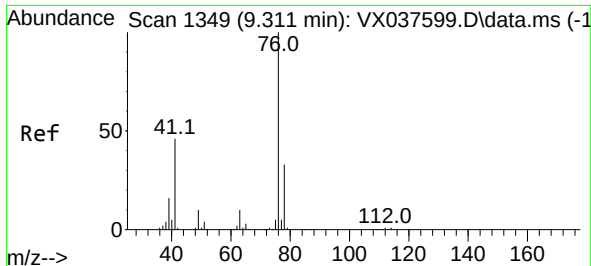
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 21.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 69 Resp: 66539
Ion Ratio Lower Upper
69 100
41 64.8 56.8 85.2
39 38.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 19.364 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 71669

Ion Ratio Lower Upper

76 100

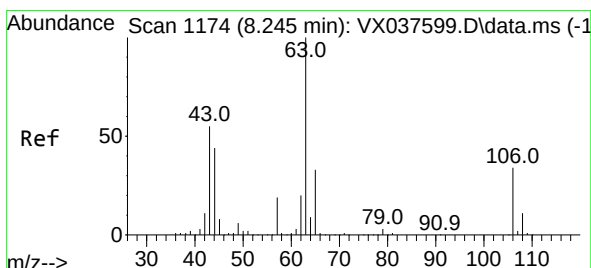
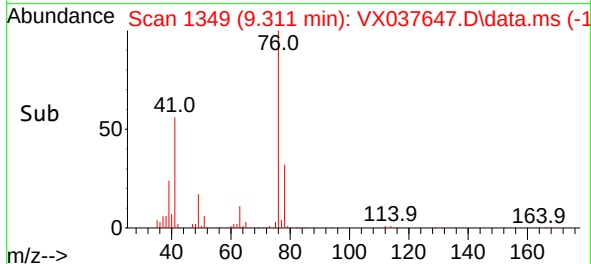
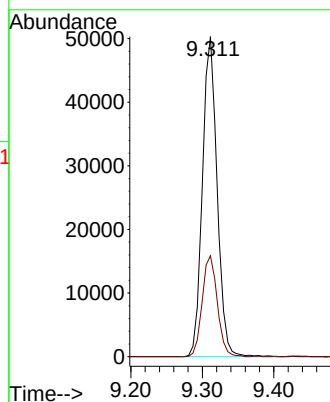
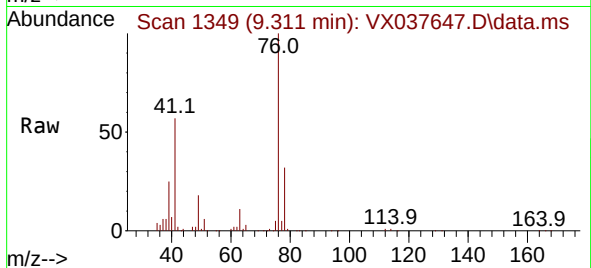
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.192 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037647.D

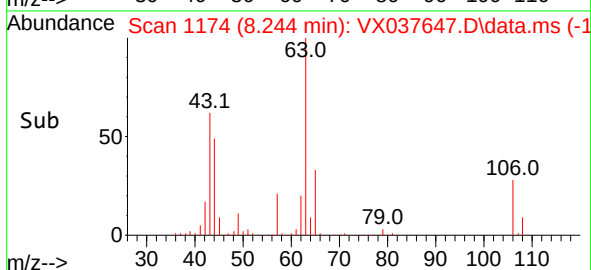
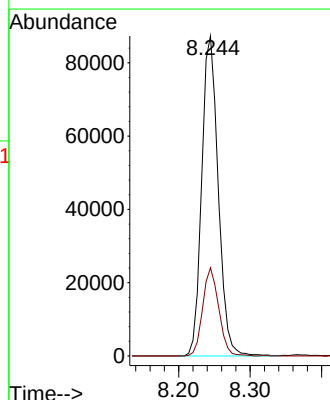
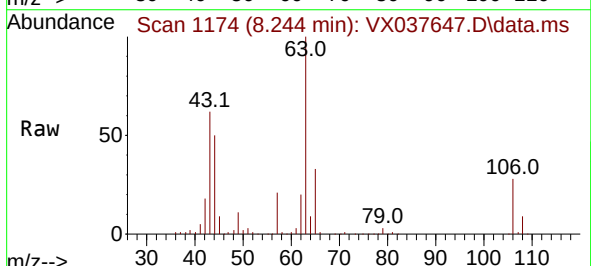
Acq: 11 Sep 2023 17:48

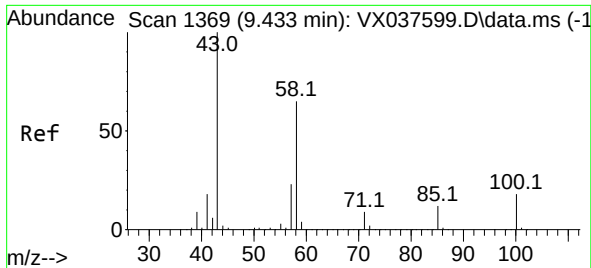
Tgt Ion: 63 Resp: 139826

Ion Ratio Lower Upper

63 100

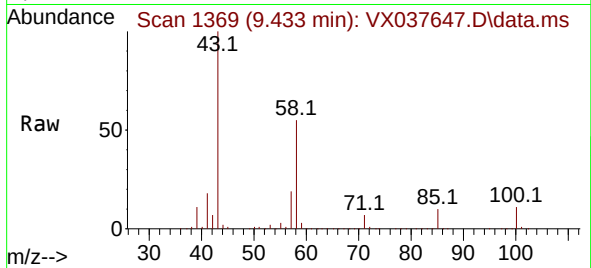
106 26.8 22.5 33.7





#59
2-Hexanone
Concen: 106.627 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

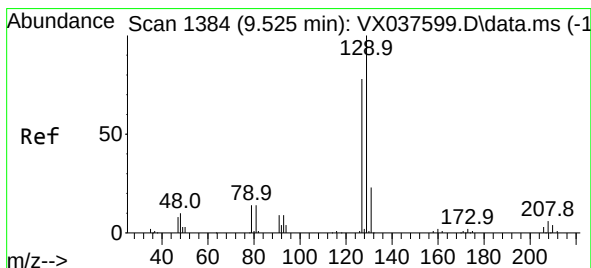
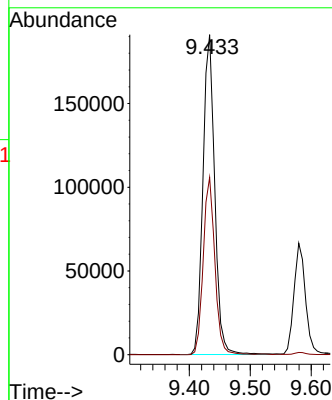
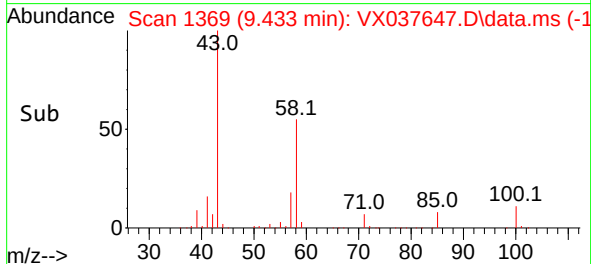
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 256254
Ion Ratio Lower Upper
43 100
58 54.7 26.2 78.5

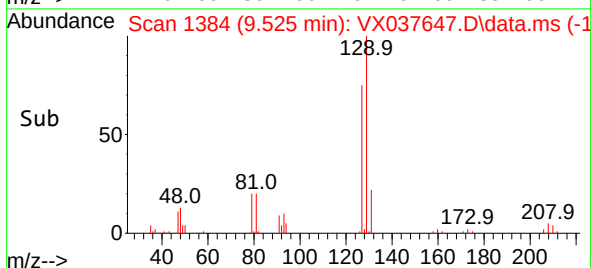
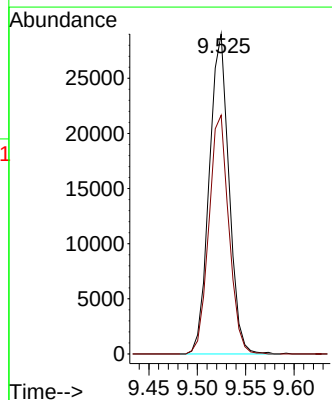
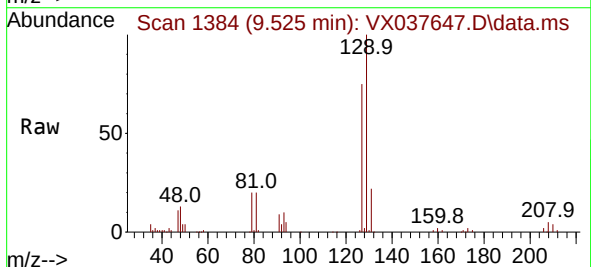
Manual Integrations
APPROVED

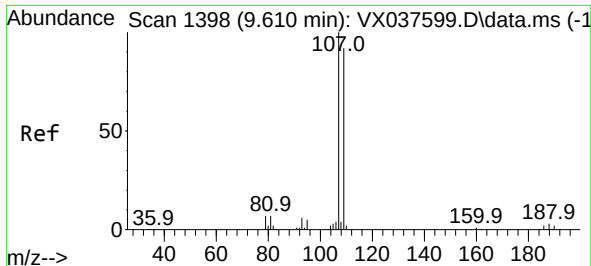
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 21.409 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

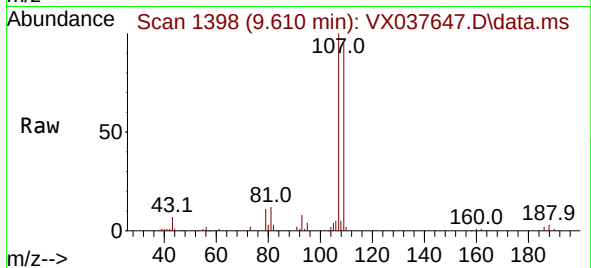
Tgt Ion:129 Resp: 41160
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.456 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

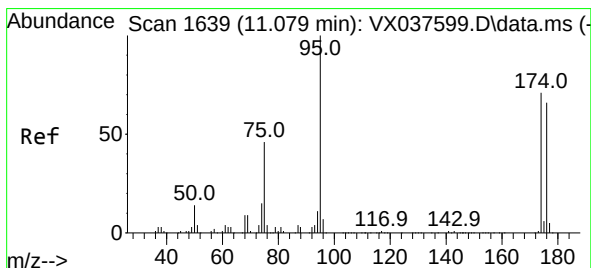
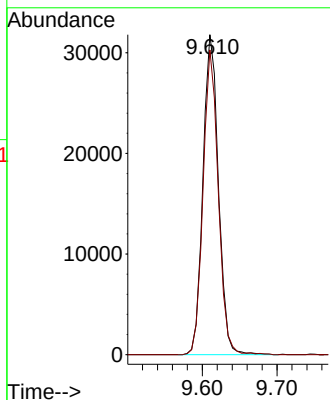
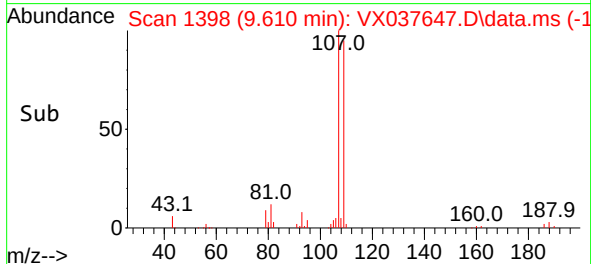
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:107 Resp: 45698
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

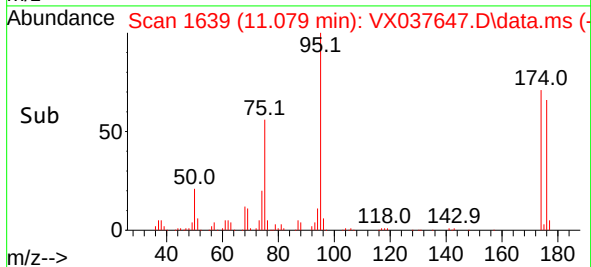
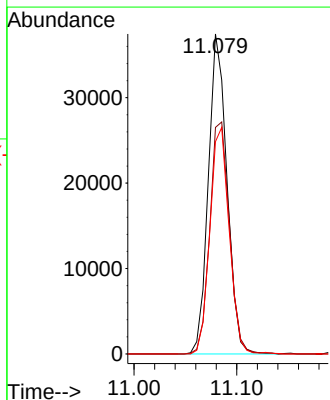
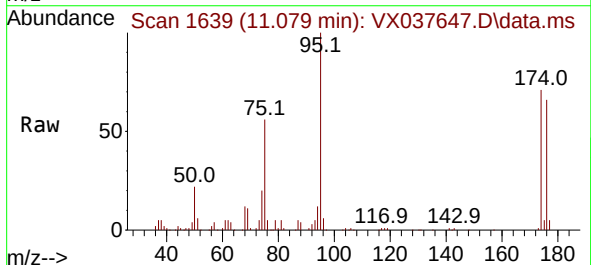
Manual Integrations
APPROVED

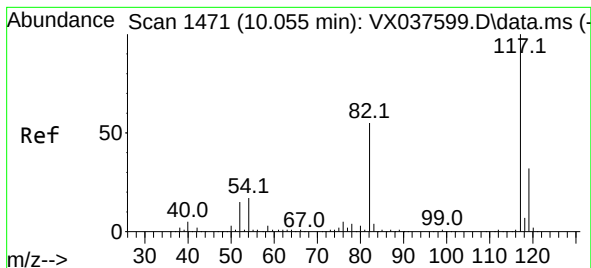
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#62
4-Bromofluorobenzene
Concen: 18.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

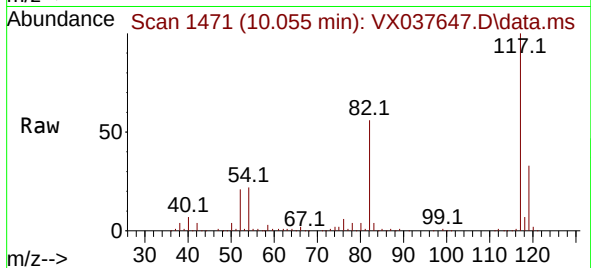
Tgt Ion: 95 Resp: 47041
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 73.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

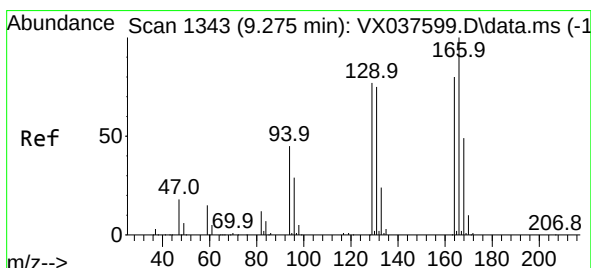
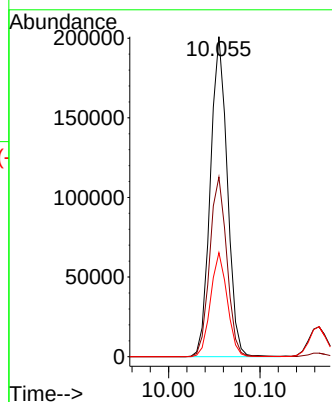
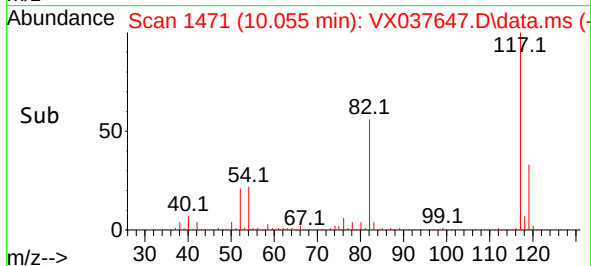
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 25814
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 32.5 25.5 38.3

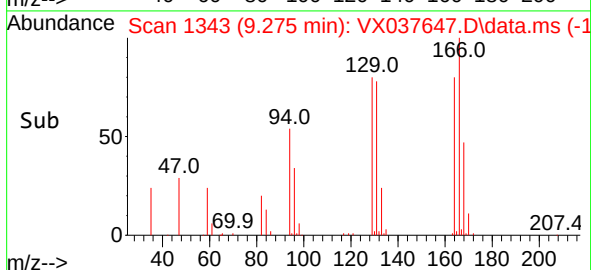
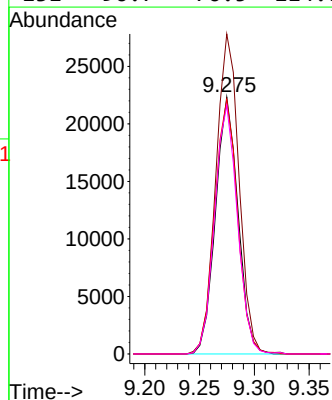
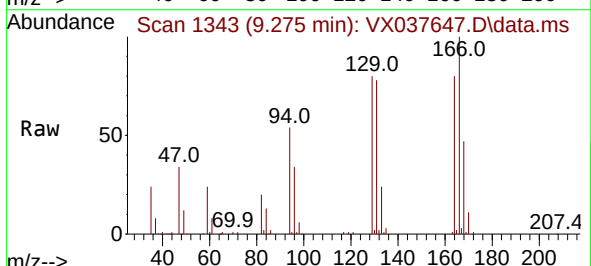
Manual Integrations
APPROVED

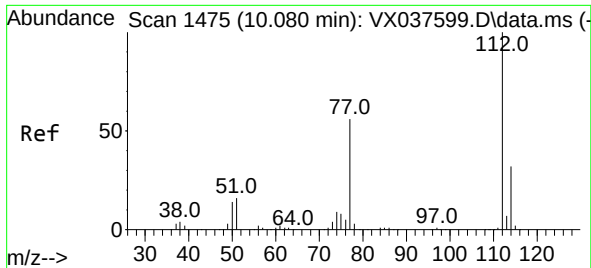
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 18.821 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:164 Resp: 31836
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 99.0 80.4 120.6
131 96.7 76.5 114.7





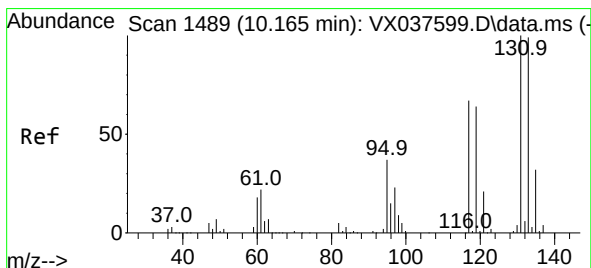
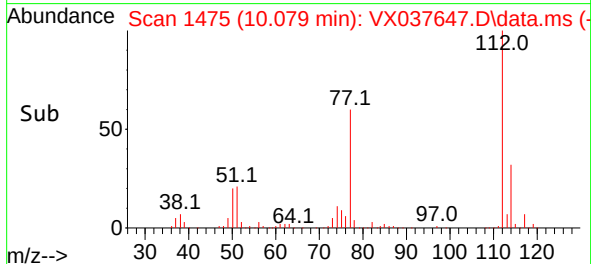
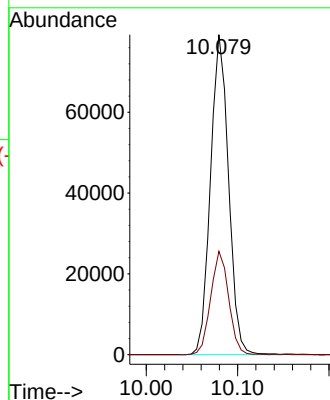
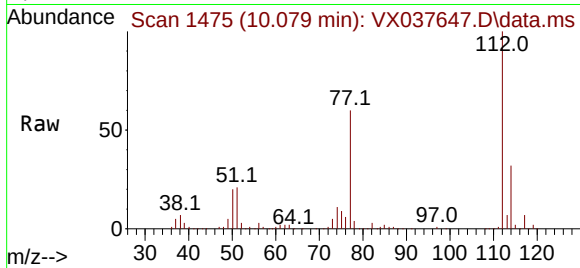
#65
Chlorobenzene
Concen: 19.060 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 108474
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

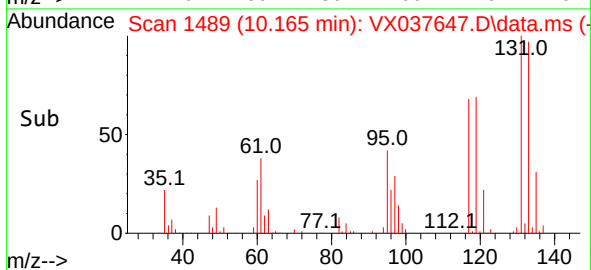
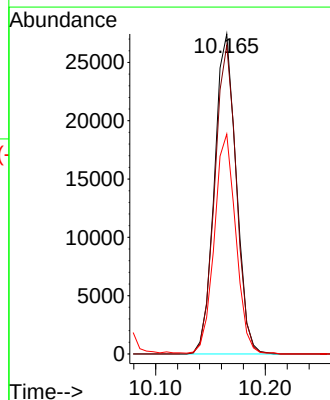
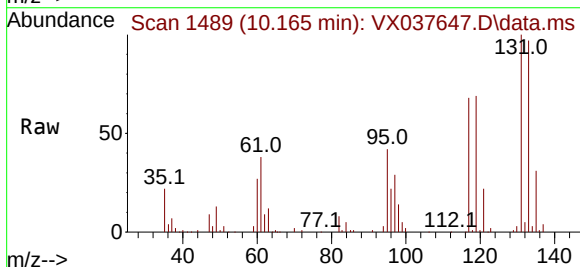
Manual Integrations
APPROVED

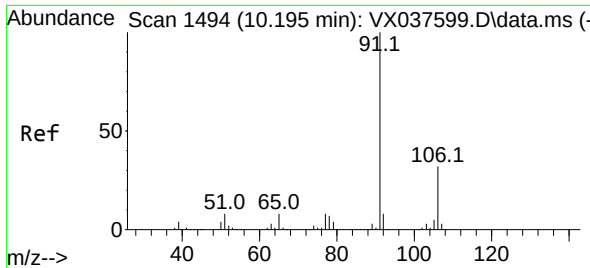
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.371 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:131 Resp: 37801
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 68.0 32.2 96.6





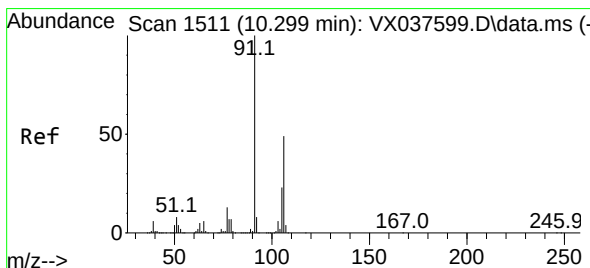
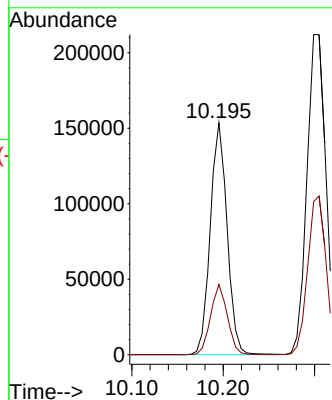
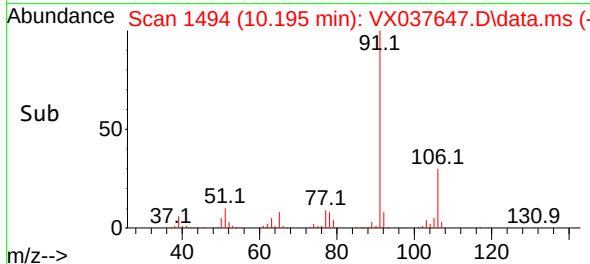
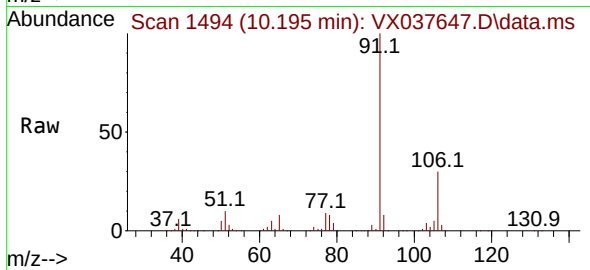
#67
Ethyl Benzene
Concen: 19.744 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 19602
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

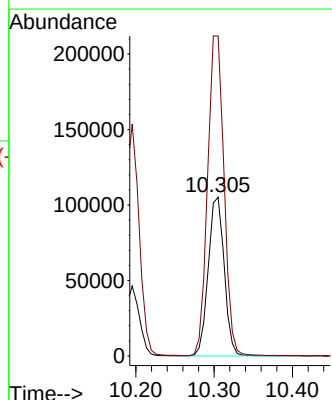
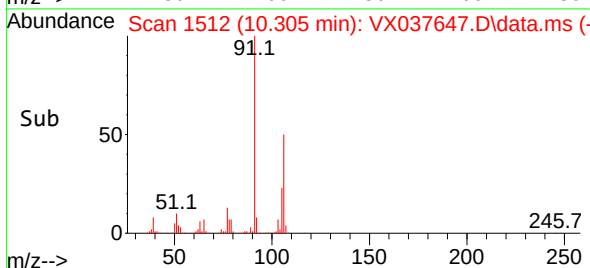
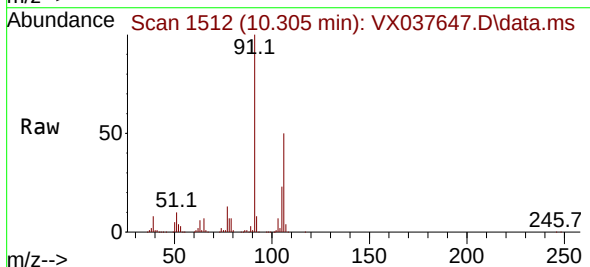
Manual Integrations
APPROVED

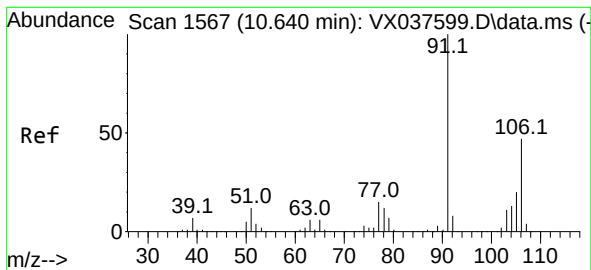
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#68
m/p-Xylenes
Concen: 40.009 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:106 Resp: 148989
Ion Ratio Lower Upper
106 100
91 207.0 165.5 248.3





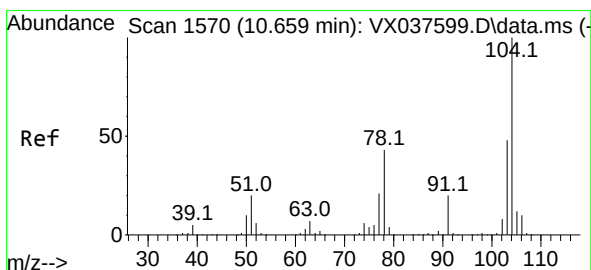
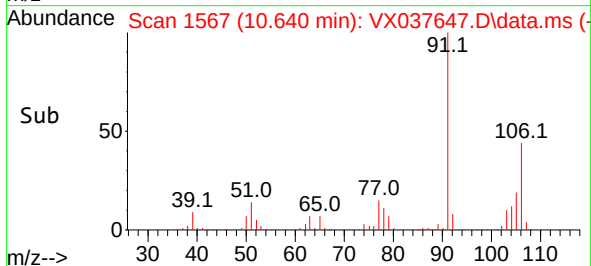
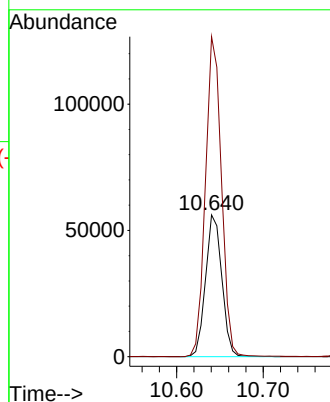
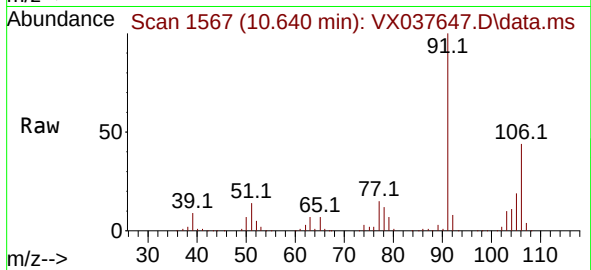
#69
o-Xylene
Concen: 19.972 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 73378
Ion Ratio Lower Upper
106 100
91 221.8 108.9 326.8

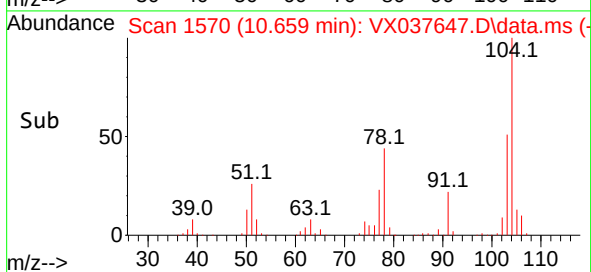
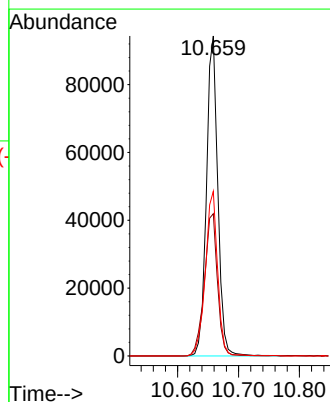
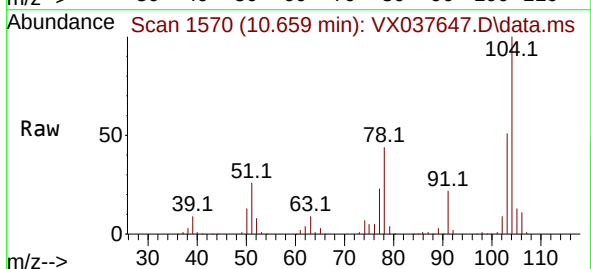
Manual Integrations
APPROVED

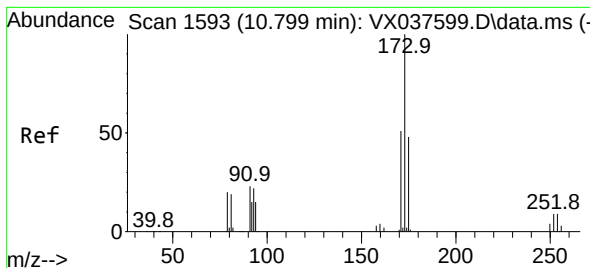
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 20.635 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:104 Resp: 122508
Ion Ratio Lower Upper
104 100
78 51.5 43.6 65.4
103 55.2 43.6 65.4





#71

Bromoform

Concen: 22.030 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

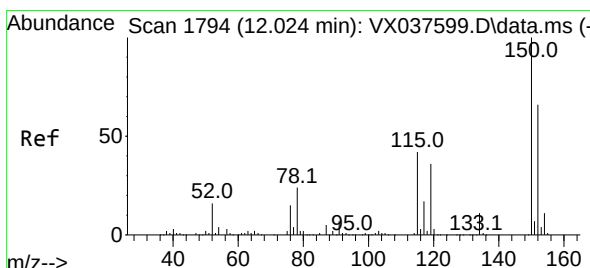
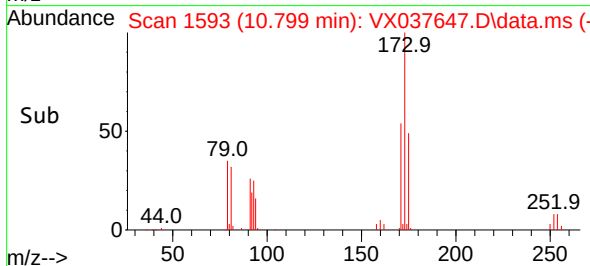
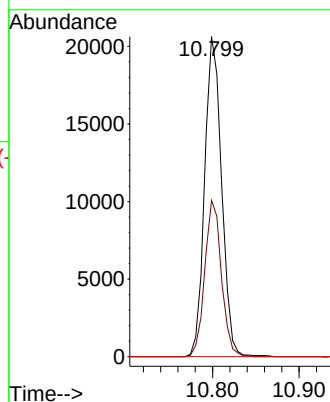
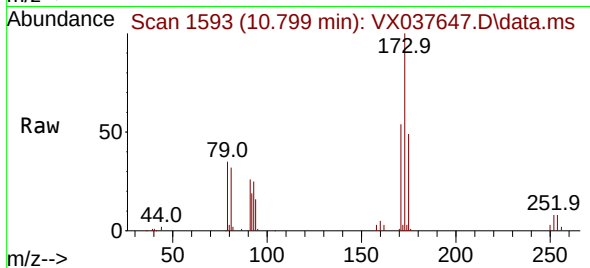
Tgt Ion:173	Resp:	28060
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

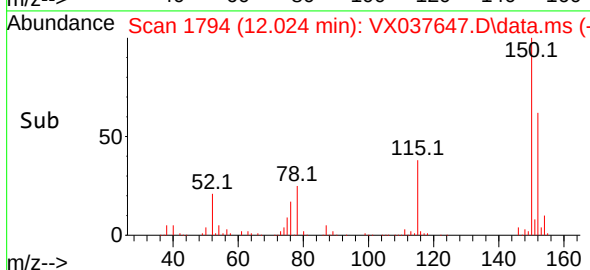
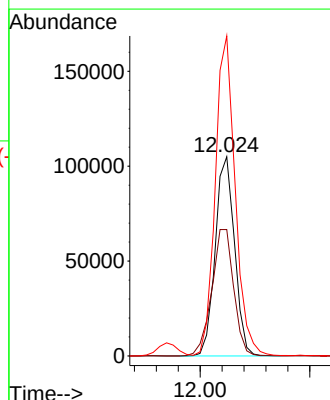
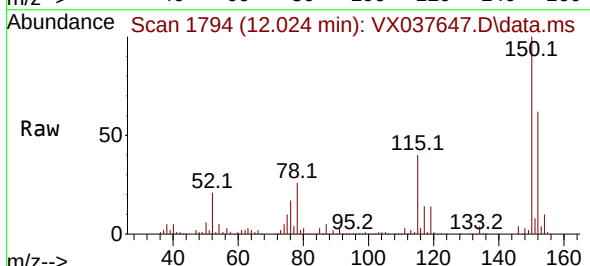
RT: 12.024 min Scan# 1794

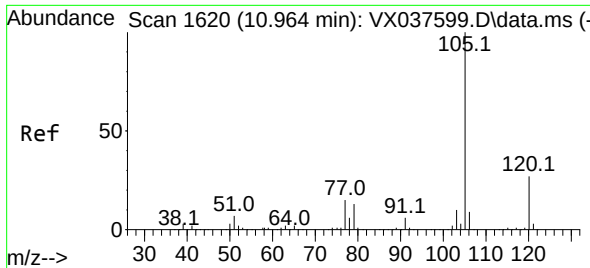
Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Tgt Ion:152	Resp:	128648
Ion Ratio	Lower	Upper
152	100	
115	72.1	43.3 129.9
150	165.0	0.0 345.0





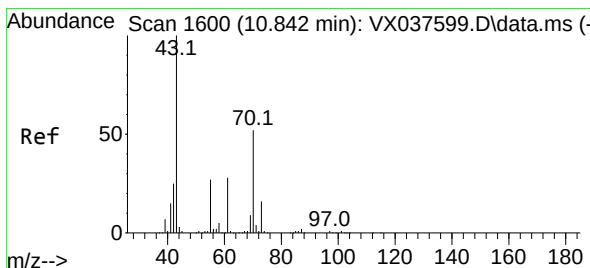
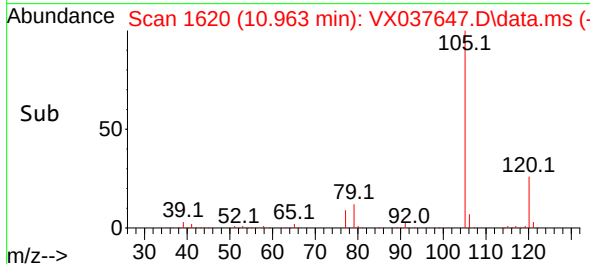
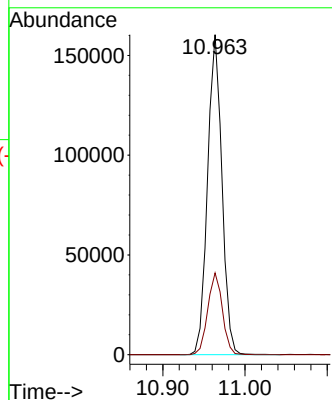
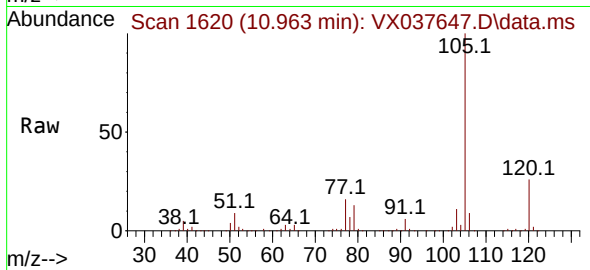
#73
Isopropylbenzene
Concen: 19.350 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 194436
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

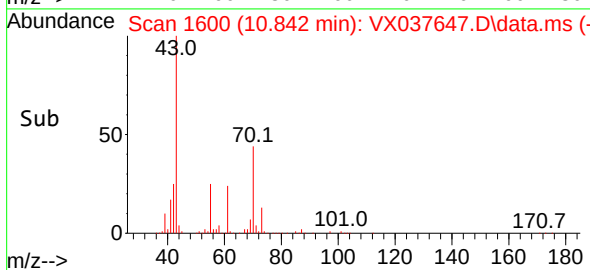
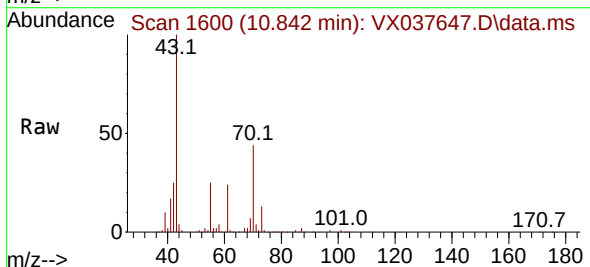
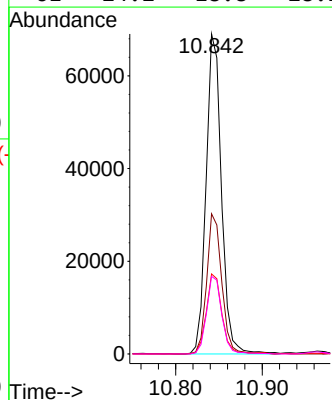
Manual Integrations
APPROVED

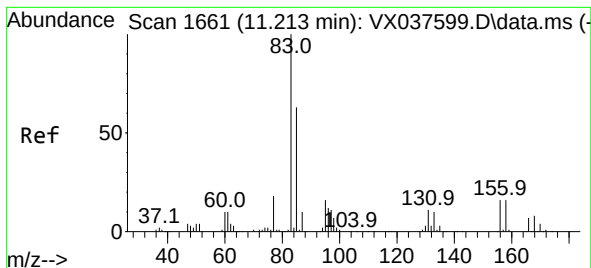
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 20.015 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 43 Resp: 84958
Ion Ratio Lower Upper
43 100
70 42.9 32.9 49.3
55 25.7 19.3 28.9
61 24.2 18.8 28.2





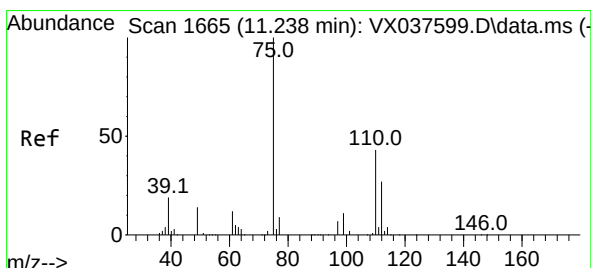
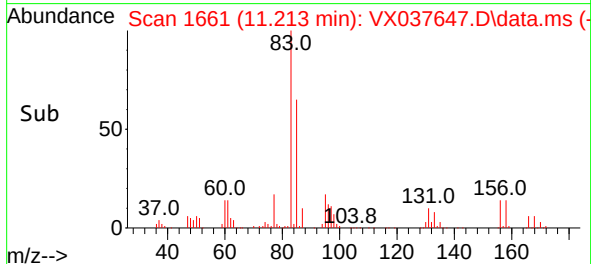
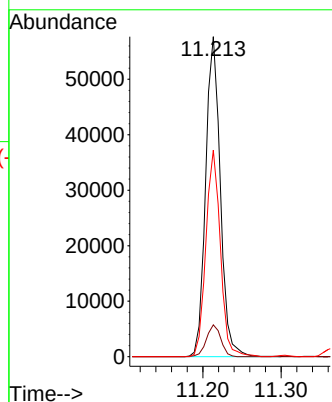
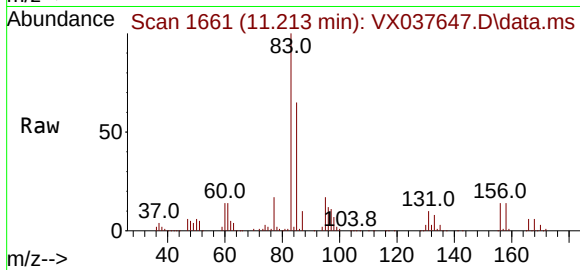
#75
1,1,2,2-Tetrachloroethane
Concen: 19.387 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 74919
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 63.5 32.0 96.2

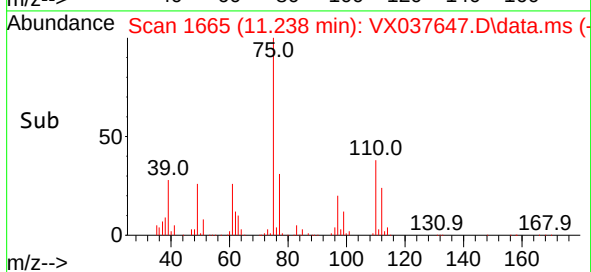
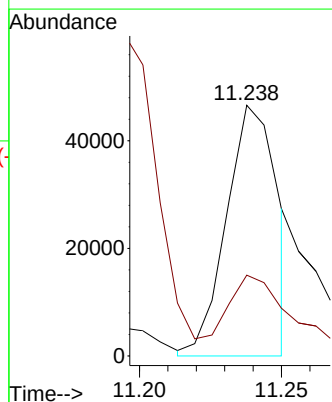
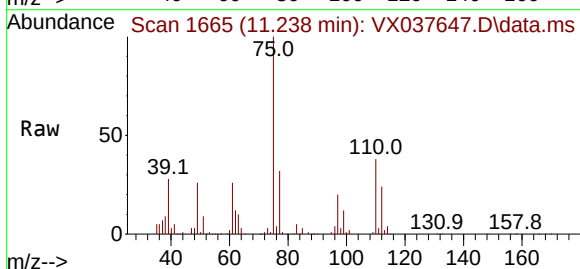
Manual Integrations
APPROVED

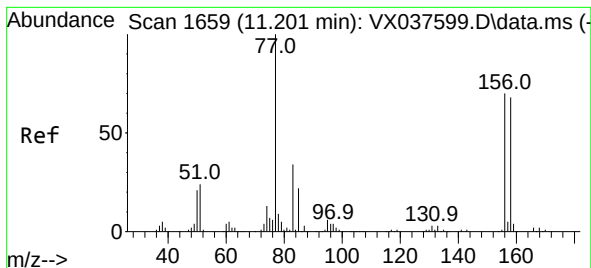
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#76
1,2,3-Trichloropropane
Concen: 18.613 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 75 Resp: 58124
Ion Ratio Lower Upper
75 100
77 42.2 19.1 57.5





#77

Bromobenzene

Concen: 18.911 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

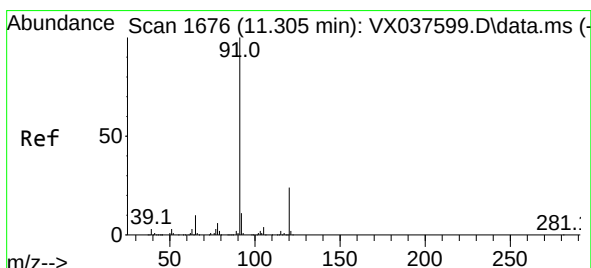
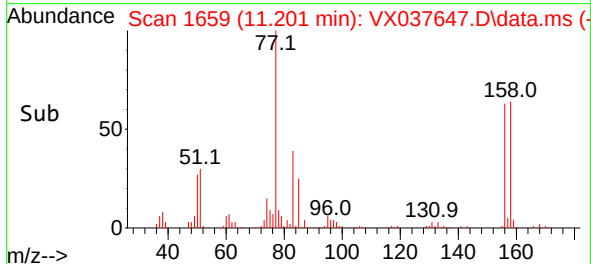
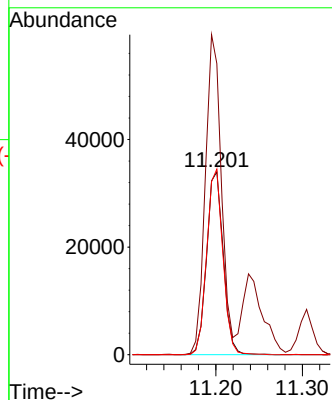
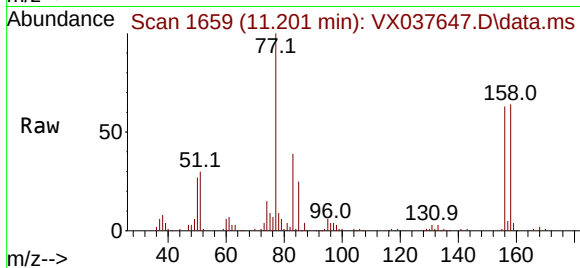
Tgt Ion:	156	Resp:	45162
Ion Ratio	Lower	Upper	
156	100		
77	168.9	88.4	265.3
158	99.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#78

n-propylbenzene

Concen: 19.745 ug/l

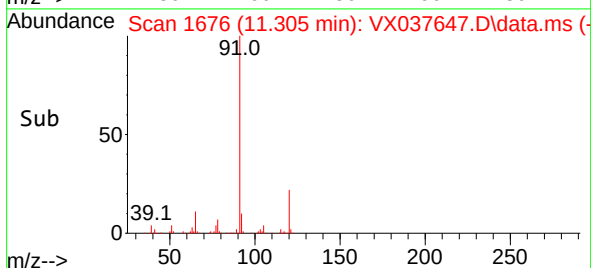
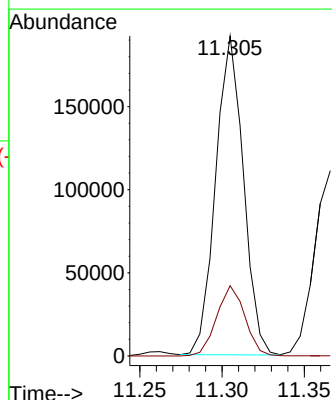
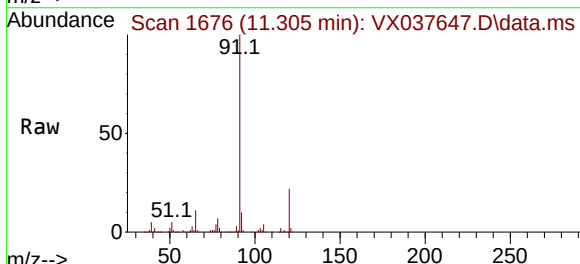
RT: 11.305 min Scan# 1676

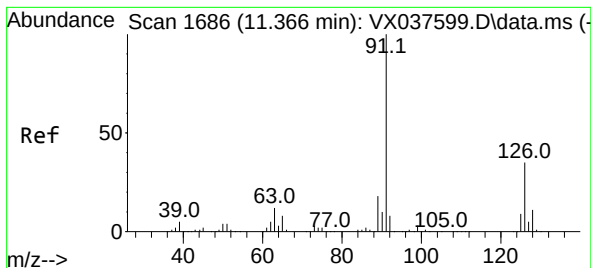
Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Tgt Ion:	91	Resp:	224586
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





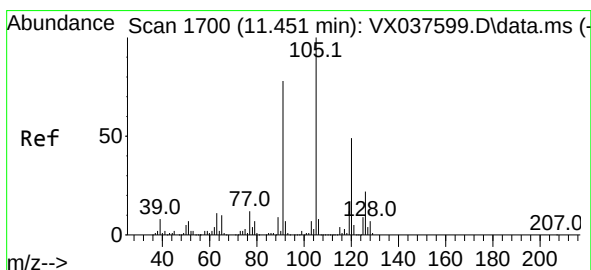
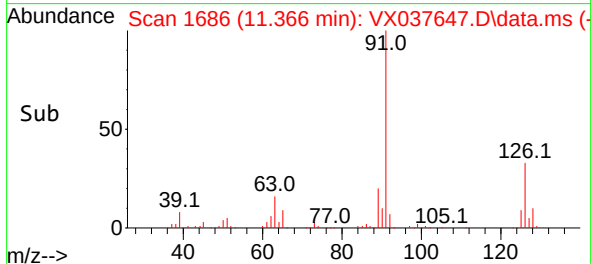
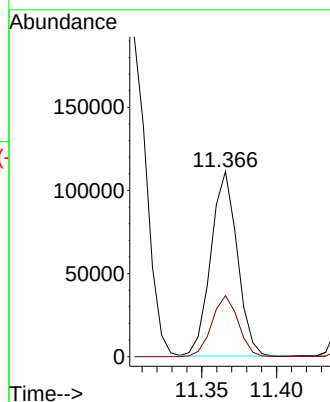
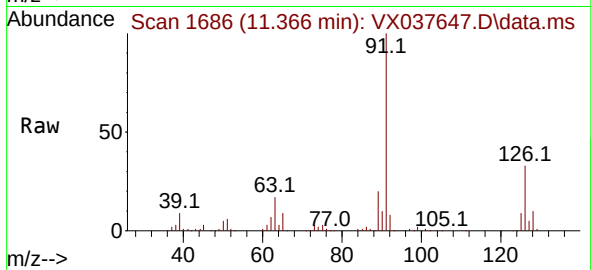
#79
2-Chlorotoluene
Concen: 19.003 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 136744
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

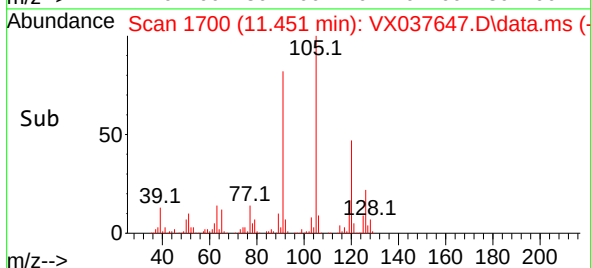
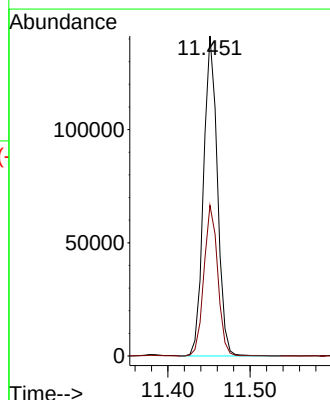
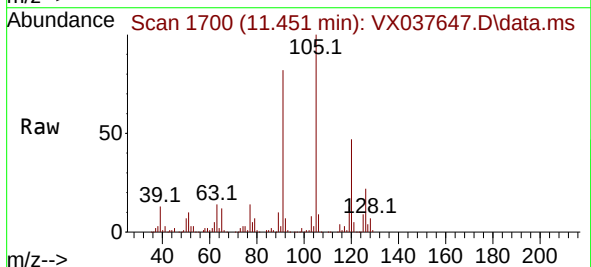
Manual Integrations
APPROVED

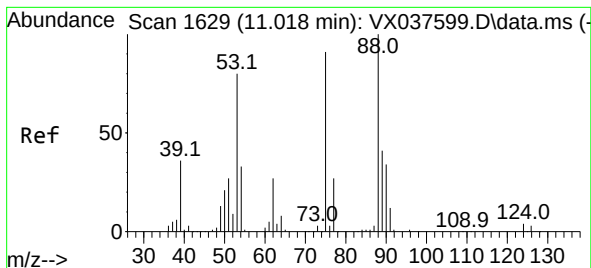
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.976 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:105 Resp: 165213
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





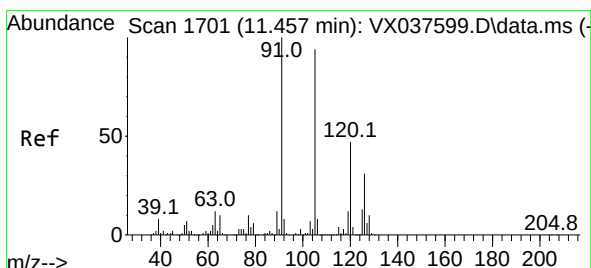
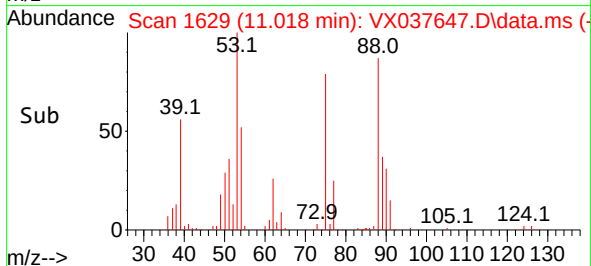
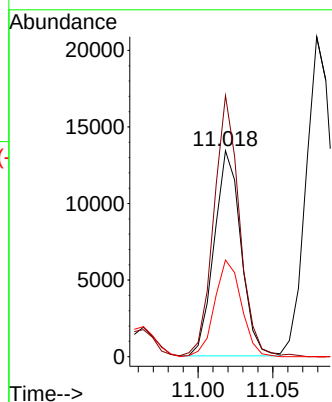
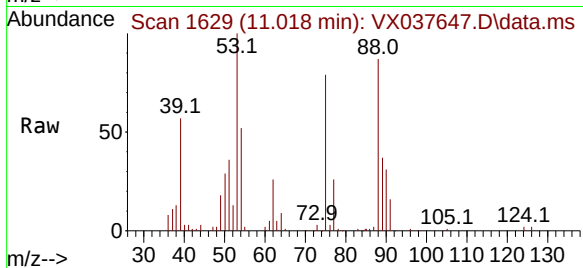
#81
trans-1,4-Dichloro-2-butene
Concen: 21.727 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 16694
Ion Ratio Lower Upper
75 100
53 122.1 90.5 135.7
89 47.0 36.9 55.3

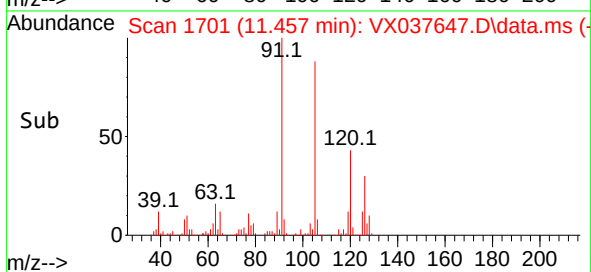
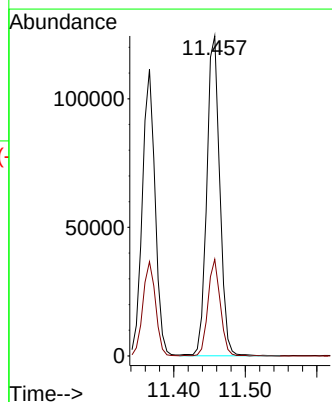
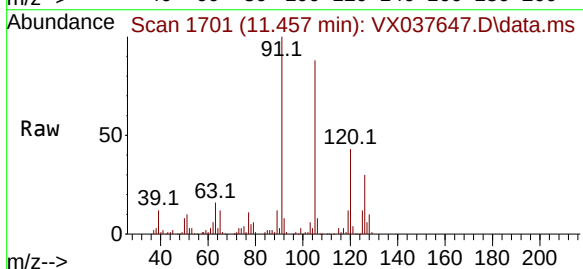
Manual Integrations
APPROVED

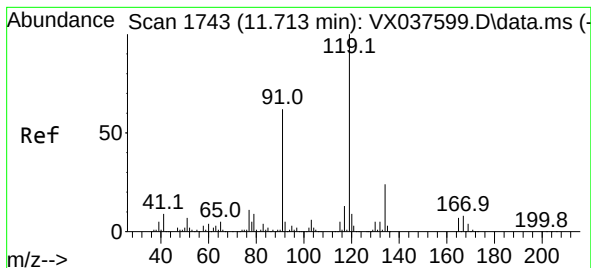
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#82
4-Chlorotoluene
Concen: 19.519 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 91 Resp: 156801
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.184 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

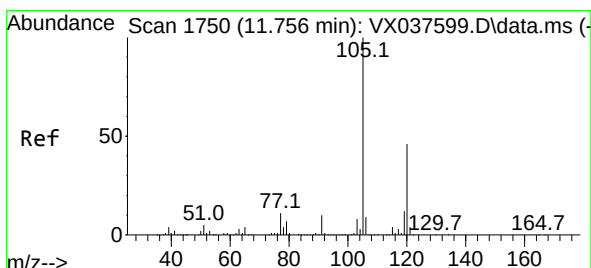
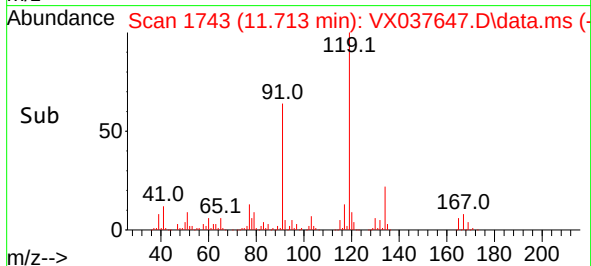
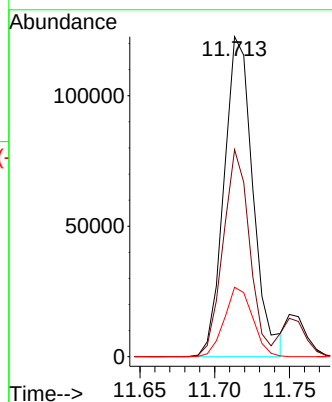
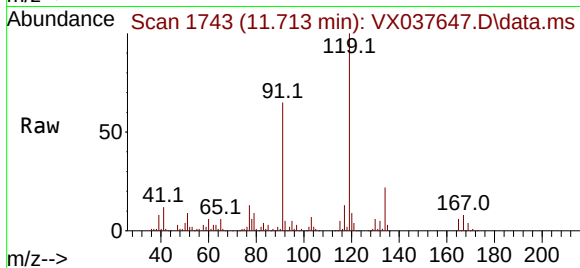
Tgt Ion:	119	Resp:	165129
Ion Ratio	Lower	Upper	
119	100		
91	59.4	31.2	93.6
134	21.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.007 ug/l

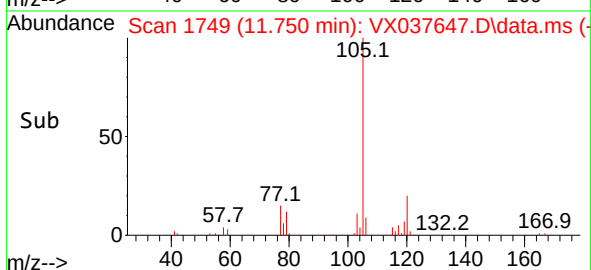
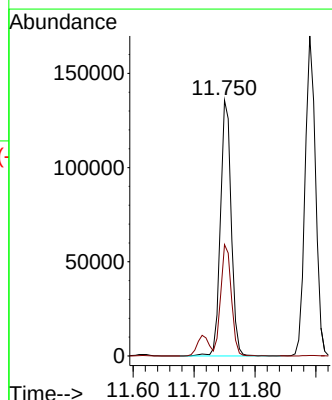
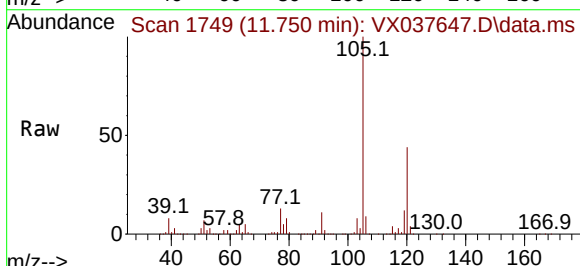
RT: 11.750 min Scan# 1749

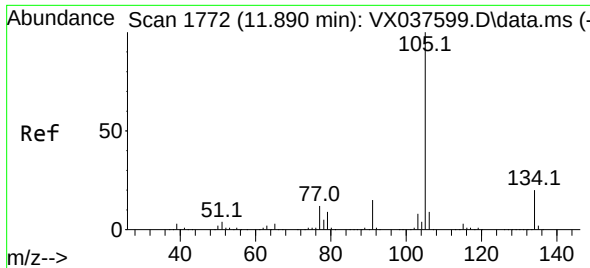
Delta R.T. -0.006 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

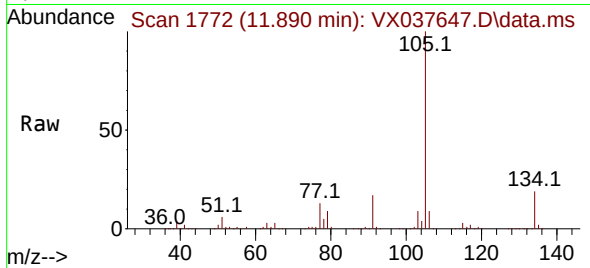
Tgt Ion:	105	Resp:	166374
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.903 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037647.D
 Acq: 11 Sep 2023 17:48

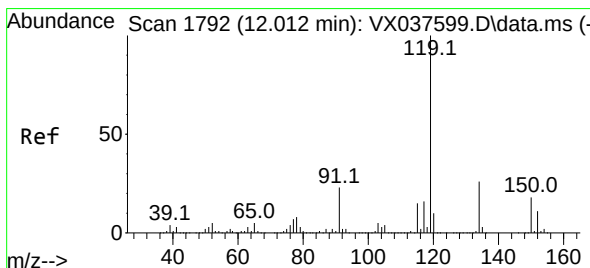
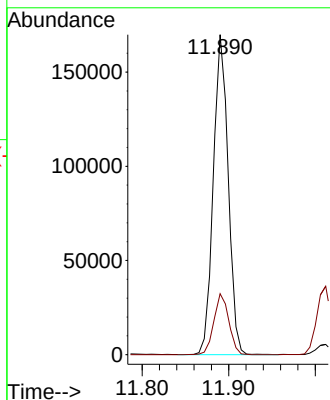
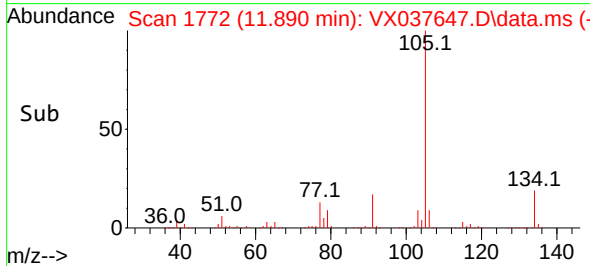
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020



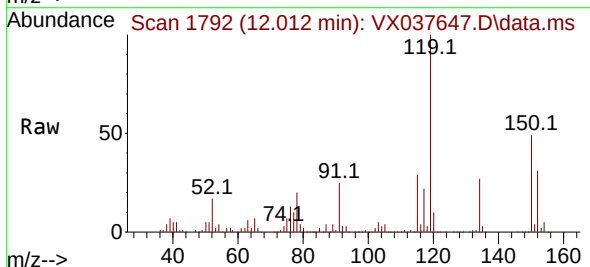
Tgt Ion:105 Resp: 20260
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

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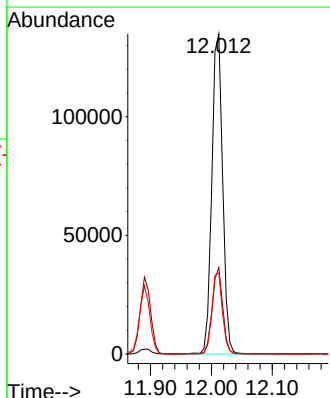
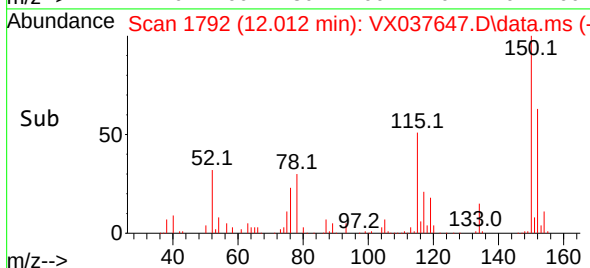
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

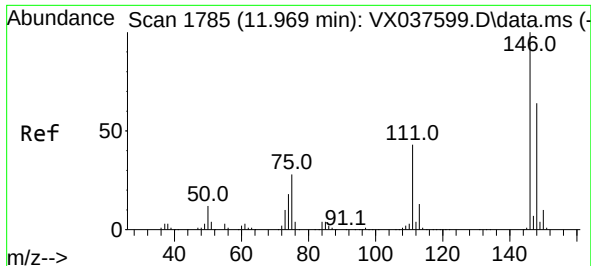


#86
 p-Isopropyltoluene
 Concen: 20.179 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037647.D
 Acq: 11 Sep 2023 17:48



Tgt Ion:119 Resp: 166010
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 25.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.622 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 84790

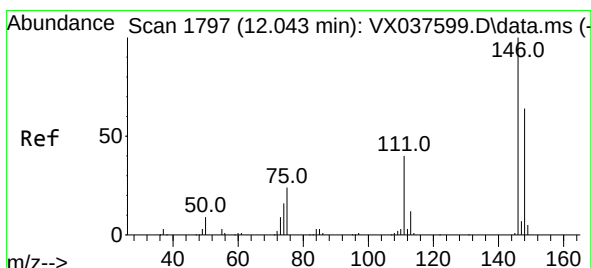
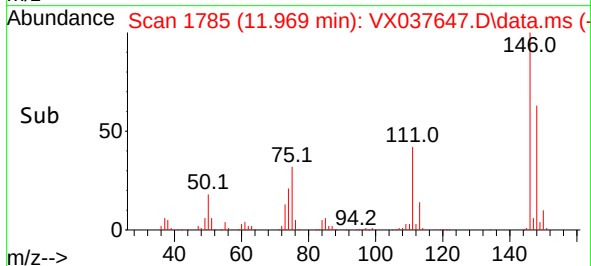
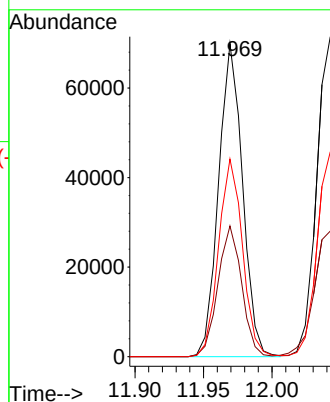
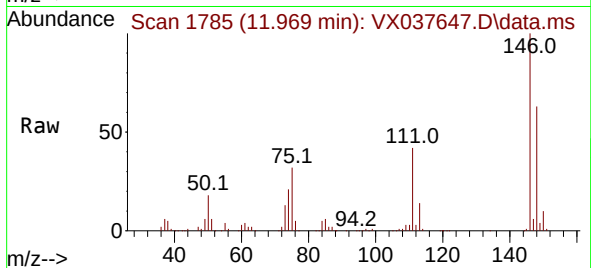
Ion	Ratio	Lower	Upper
146	100		
111	41.5	22.1	66.1
148	63.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#88

1,4-Dichlorobenzene

Concen: 18.784 ug/l

RT: 12.043 min Scan# 1797

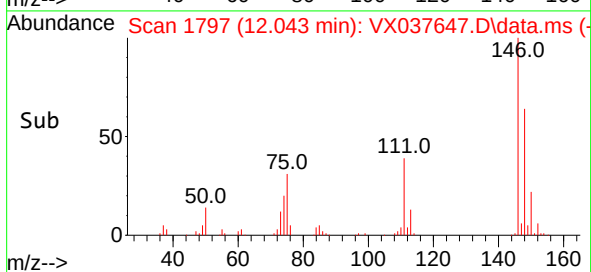
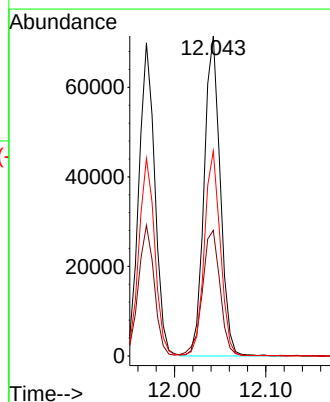
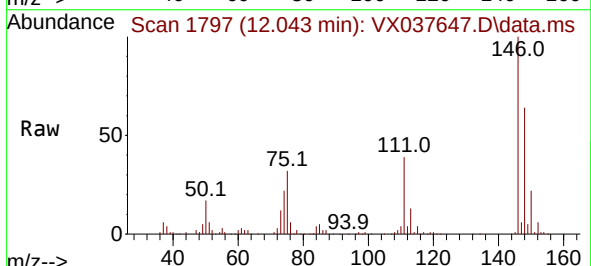
Delta R.T. -0.000 min

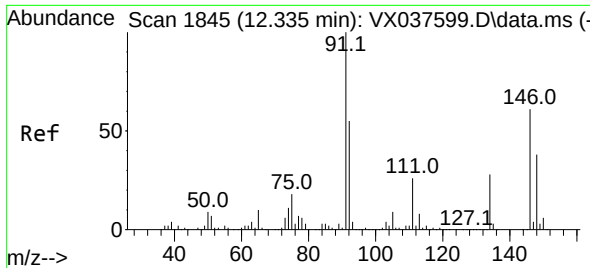
Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Tgt Ion:146 Resp: 87254

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	63.2	31.8	95.4





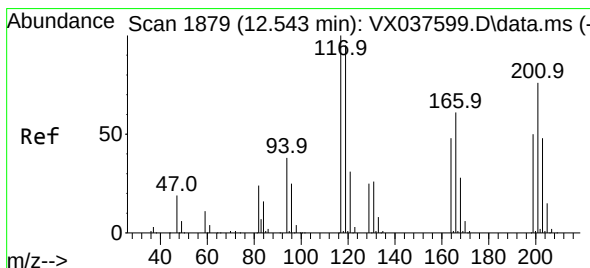
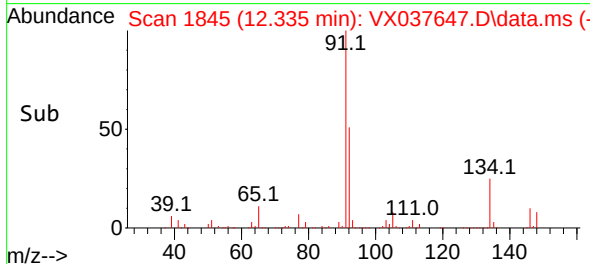
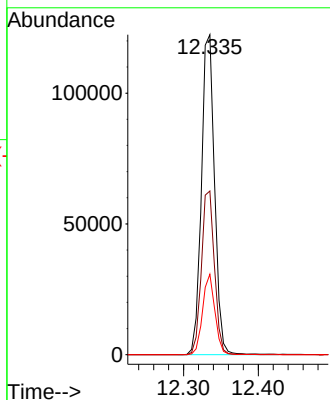
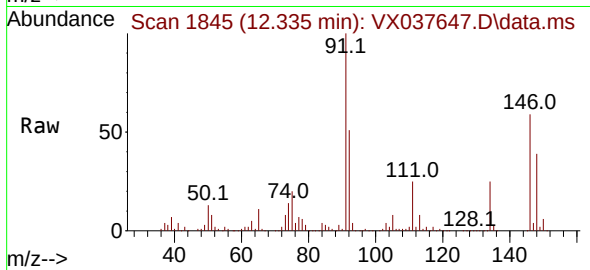
#89
n-Butylbenzene
Concen: 20.788 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion: 91 Resp: 149450
Ion Ratio Lower Upper
91 100
92 50.8 27.4 82.0
134 23.7 12.6 37.8

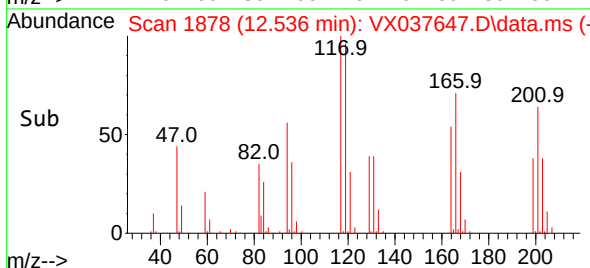
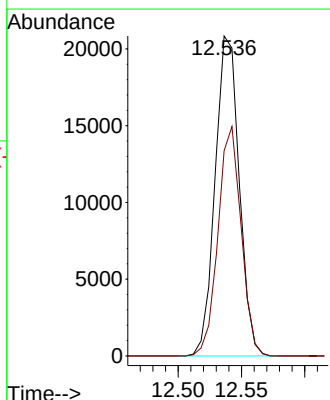
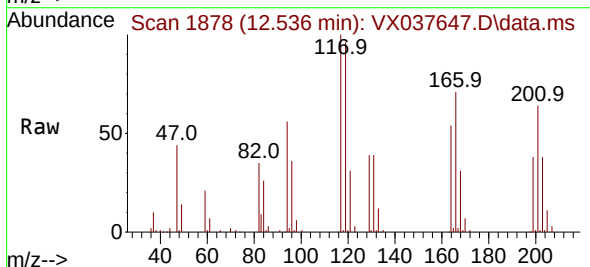
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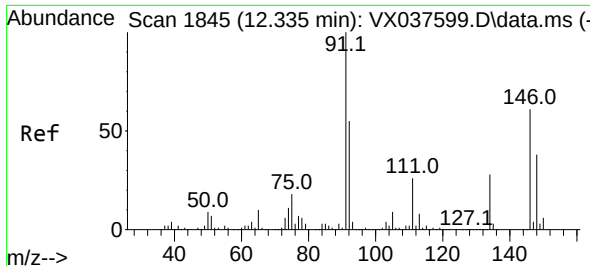
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 21.028 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 117 Resp: 27549
Ion Ratio Lower Upper
117 100
201 68.8 32.9 98.6





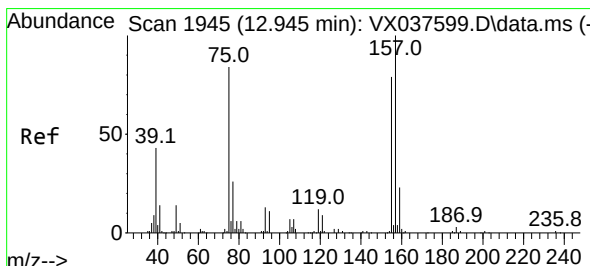
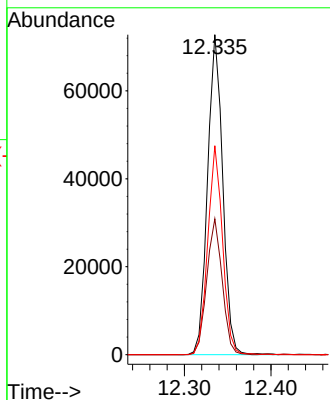
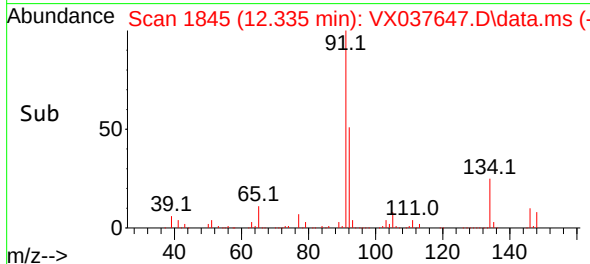
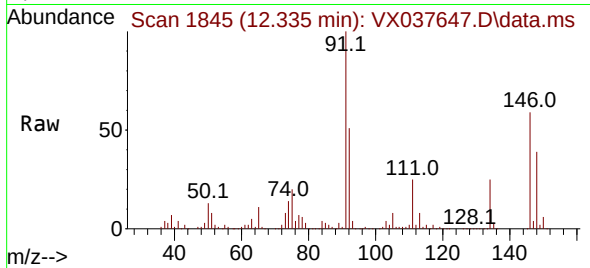
#91
1,2-Dichlorobenzene
Concen: 19.095 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 8848
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 63.7 31.6 95.0

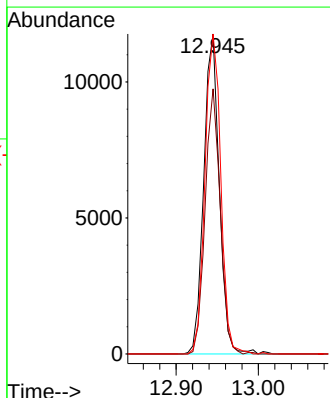
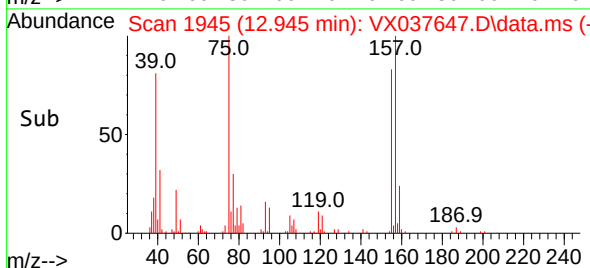
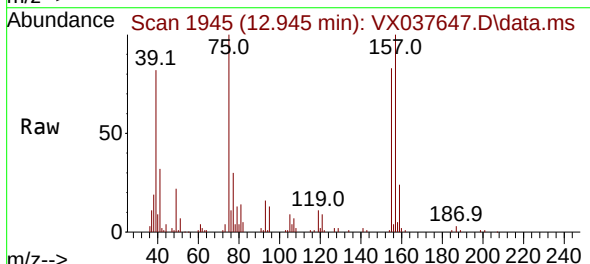
Manual Integrations
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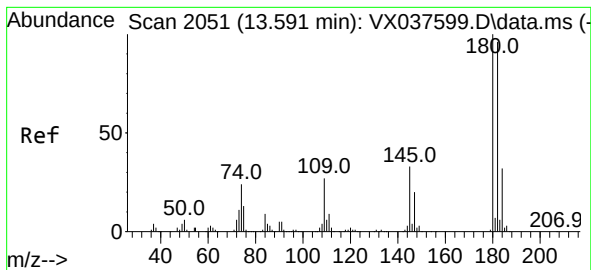
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.522 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion: 75 Resp: 15443
Ion Ratio Lower Upper
75 100
155 80.5 36.1 108.5
157 101.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.811 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

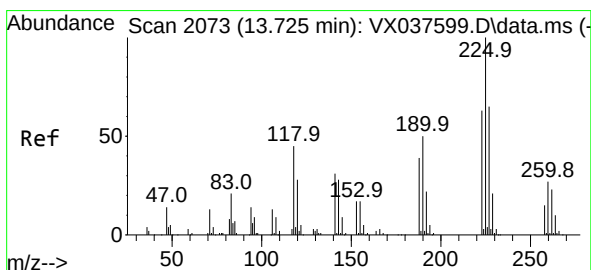
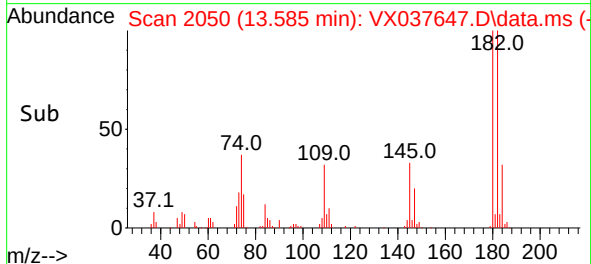
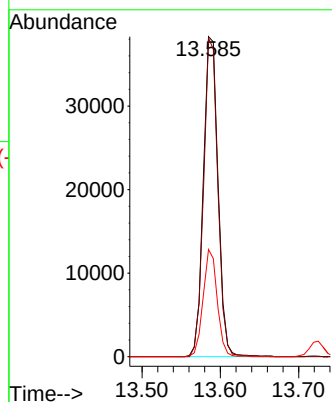
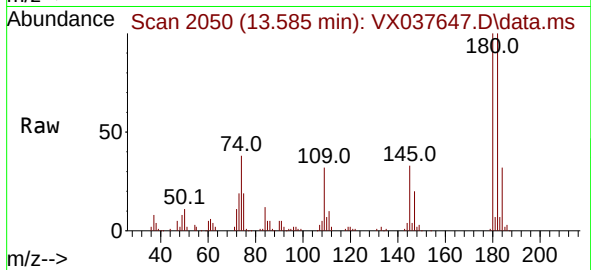
Tgt Ion:	180	Resp:	4984
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.3	144.8
145	32.1	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#94

Hexachlorobutadiene

Concen: 19.404 ug/l

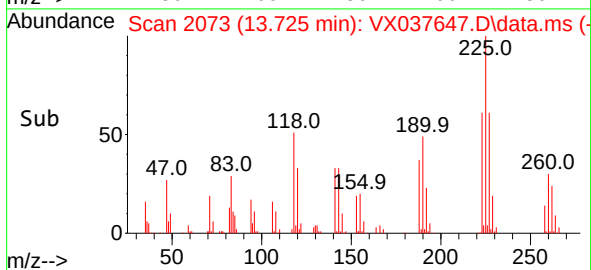
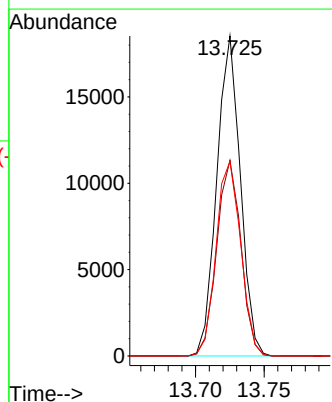
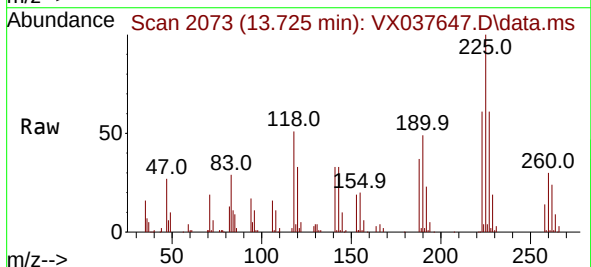
RT: 13.725 min Scan# 2073

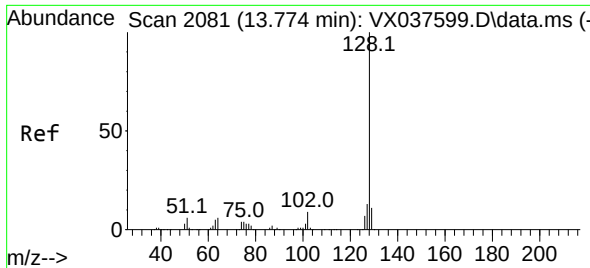
Delta R.T. -0.000 min

Lab File: VX037647.D

Acq: 11 Sep 2023 17:48

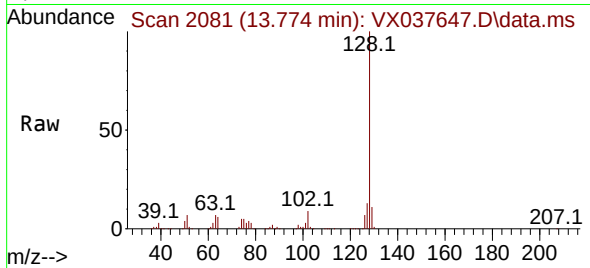
Tgt Ion:	225	Resp:	22129
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.1	93.2
227	63.6	32.5	97.5





#95
Naphthalene
Concen: 20.735 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

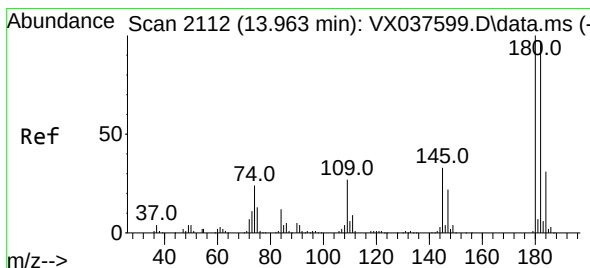
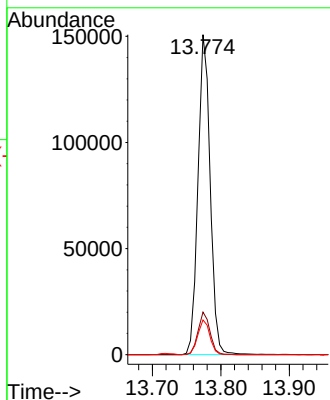
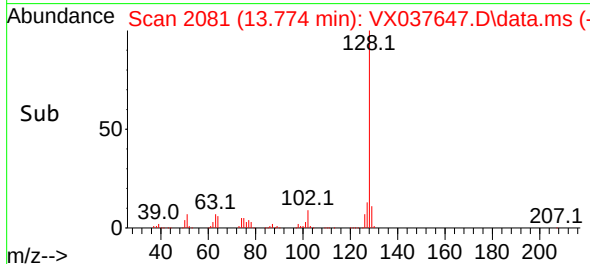
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 187328
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.073 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037647.D
Acq: 11 Sep 2023 17:48

Tgt Ion:180 Resp: 50694
Ion Ratio Lower Upper
180 100
182 93.0 46.9 140.6
145 32.9 17.8 53.5

