

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037747.D
 Acq On : 15 Sep 2023 11:00
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 16 04:30:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:24:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268156	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	430733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	417627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	223917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	341655	96.974	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 193.940%#			
35) Dibromofluoromethane	5.385	113	296408	102.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.700%#			
50) Toluene-d8	8.647	98	1102272	102.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 205.860%#			
62) 4-Bromofluorobenzene	11.079	95	426405	109.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 219.160%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	268787	95.098	ug/l	99
3) Chloromethane	1.301	50	274590	89.289	ug/l	98
4) Vinyl Chloride	1.374	62	301203	90.786	ug/l	100
5) Bromomethane	1.599	94	210866	88.780	ug/l	100
6) Chloroethane	1.673	64	188062	82.281	ug/l	100
7) Trichlorofluoromethane	1.880	101	492328	92.303	ug/l	99
8) Diethyl Ether	2.136	74	185582	89.806	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	253648	93.704	ug/l	96
10) Methyl Iodide	2.453	142	347882	97.113	ug/l	92
11) Tert butyl alcohol	2.977	59	341132	451.091	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	243421	93.048	ug/l	85
13) Acrolein	2.240	56	349586	467.928	ug/l	99
14) Allyl chloride	2.660	41	407361	93.493	ug/l	# 95
15) Acrylonitrile	3.069	53	778852	463.219	ug/l	99
16) Acetone	2.386	43	746671	440.551	ug/l	# 88
17) Carbon Disulfide	2.508	76	640166	97.600	ug/l	99
18) Methyl Acetate	2.703	43	559287	91.476	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	899054	93.422	ug/l	99
20) Methylene Chloride	2.788	84	300169	95.819	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	275562	94.859	ug/l	88
22) Diisopropyl ether	3.764	45	854829	94.187	ug/l	85
23) Vinyl Acetate	3.721	43	3223329	482.839	ug/l	95
24) 1,1-Dichloroethane	3.611	63	500016	91.937	ug/l	99
25) 2-Butanone	4.556	43	1101122	460.512	ug/l	92
26) 2,2-Dichloropropane	4.477	77	428394	97.483	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	334391	93.895	ug/l	90
28) Bromochloromethane	4.898	49	230968	91.032	ug/l	# 83
29) Tetrahydrofuran	5.007	42	686968	461.794	ug/l	89
30) Chloroform	5.093	83	547093	93.380	ug/l	98
31) Cyclohexane	5.471	56	429374	94.953	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	475714	95.896	ug/l	97
36) 1,1-Dichloropropene	5.690	75	387010	97.479	ug/l	96
37) Ethyl Acetate	4.715	43	418309	98.140	ug/l	96
38) Carbon Tetrachloride	5.678	117	416803	100.337	ug/l	98
39) Methylcyclohexane	7.379	83	507108	100.640	ug/l	94
40) Benzene	6.038	78	1173667	96.132	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	216202	97.148	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	418219	94.488	ug/l	97
43) Isopropyl Acetate	6.342	43	698673	100.109	ug/l #	95
44) Trichloroethene	7.129	130	318695	93.734	ug/l	96
45) 1,2-Dichloropropane	7.434	63	302874	95.527	ug/l	98
46) Dibromomethane	7.580	93	228977	100.397	ug/l	93
47) Bromodichloromethane	7.824	83	428055	101.907	ug/l	97
48) Methyl methacrylate	7.696	41	335941	100.693	ug/l #	88
49) 1,4-Dioxane	7.665	88	160867	1839.198	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	2133365	481.795	ug/l	93
52) Toluene	8.720	92	774453	98.427	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	489702	112.003	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	515017	105.953	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	328711	99.087	ug/l	95
56) Ethyl methacrylate	9.116	69	523098	105.624	ug/l	90
57) 1,3-Dichloropropane	9.311	76	523172	97.458	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1148355	496.575	ug/l	98
59) 2-Hexanone	9.433	43	1677462	486.557	ug/l	92
60) Dibromochloromethane	9.525	129	360190	108.992	ug/l	99
61) 1,2-Dibromoethane	9.610	107	359568	102.372	ug/l	100
64) Tetrachloroethene	9.275	164	272211	95.575	ug/l	98
65) Chlorobenzene	10.080	112	862803	95.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	326779	102.363	ug/l	99
67) Ethyl Benzene	10.195	91	1531466	98.057	ug/l	98
68) m/p-Xylenes	10.299	106	1206742	199.956	ug/l	96
69) o-Xylene	10.640	106	602863	99.617	ug/l	97
70) Styrene	10.653	104	1011970	104.160	ug/l	96
71) Bromoform	10.799	173	280296	111.285	ug/l #	100
73) Isopropylbenzene	10.964	105	1563497	95.175	ug/l	98
74) N-amyl acetate	10.842	43	647928	97.389	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	527005	91.217	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	479902m	87.577	ug/l	
77) Bromobenzene	11.195	156	386764	95.120	ug/l	89
78) n-propylbenzene	11.305	91	1844312	99.410	ug/l	99
79) 2-Chlorotoluene	11.366	91	1083245	94.695	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	1355057	97.675	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	174780	108.107	ug/l	85
82) 4-Chlorotoluene	11.457	91	1267794	98.443	ug/l	96
83) tert-Butylbenzene	11.713	119	1337960	95.424	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1358056	98.388	ug/l	98
85) sec-Butylbenzene	11.890	105	1682377	98.902	ug/l	98
86) p-Isopropyltoluene	12.006	119	1430230	101.078	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	732202	96.604	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	740843	95.798	ug/l	98
89) n-Butylbenzene	12.329	91	1326252	106.823	ug/l	97
90) Hexachloroethane	12.536	117	256269	106.722	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	728498	94.139	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	115458	100.253	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	486166	106.653	ug/l	98
94) Hexachlorobutadiene	13.725	225	221538	104.141	ug/l	97
95) Naphthalene	13.774	128	1571973	101.968	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	488174	104.066	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDICC100

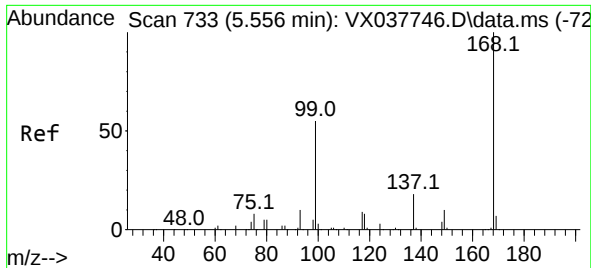
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

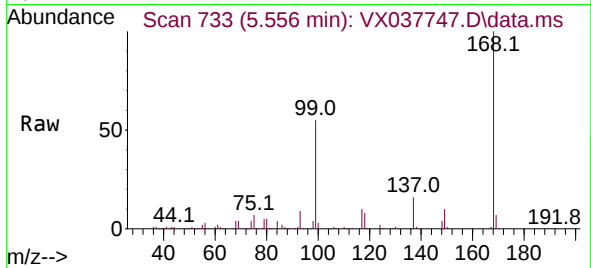
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

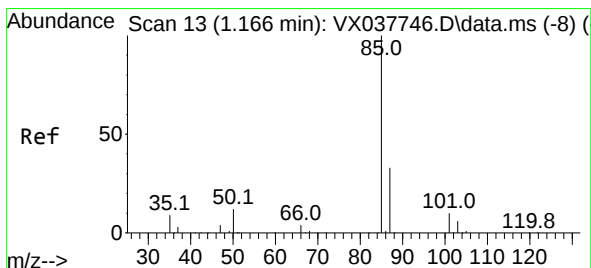
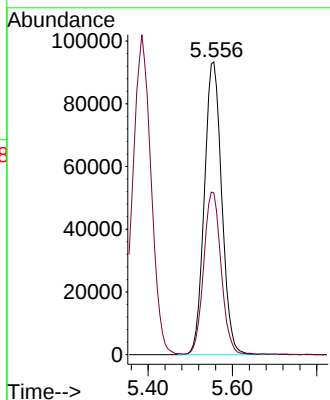
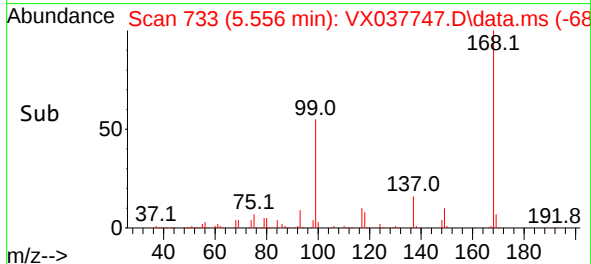
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 268150
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0

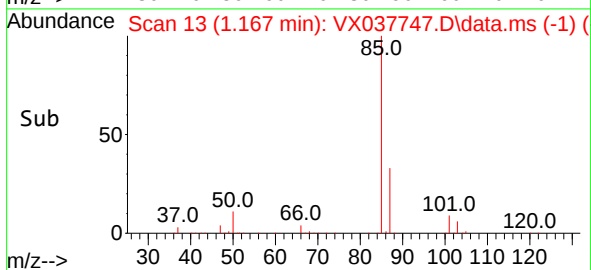
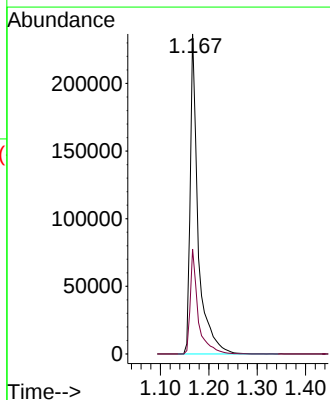
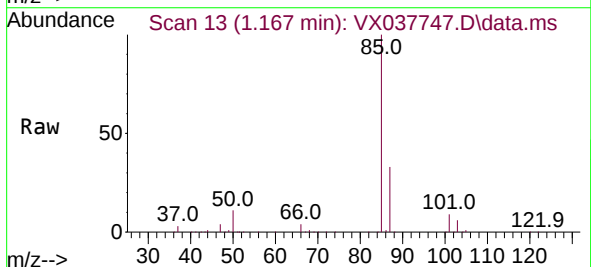
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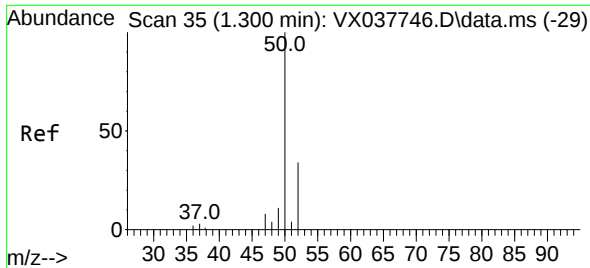
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 95.098 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 85 Resp: 268787
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





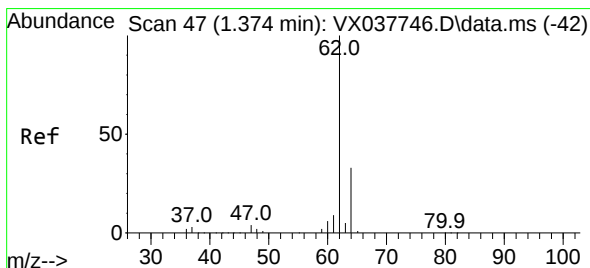
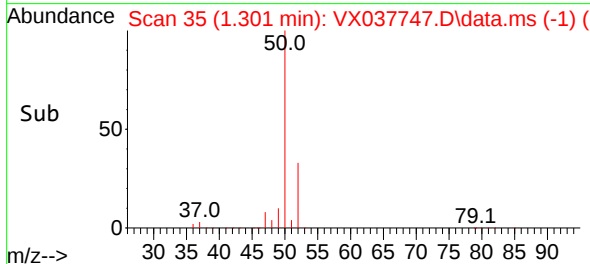
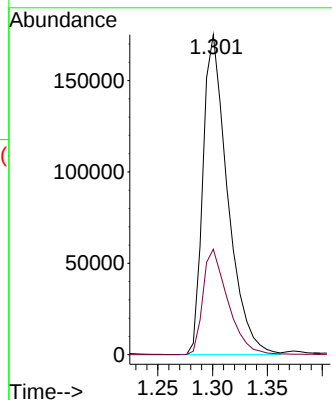
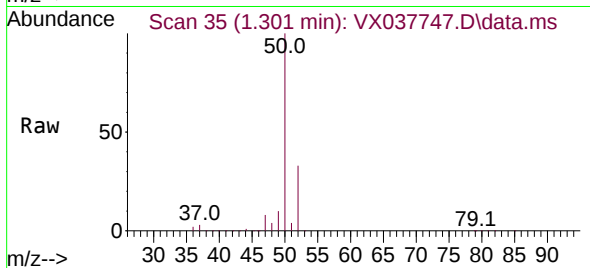
#3
Chloromethane
Concen: 89.289 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 50 Resp: 274590
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

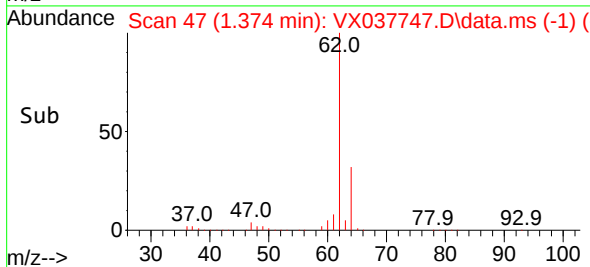
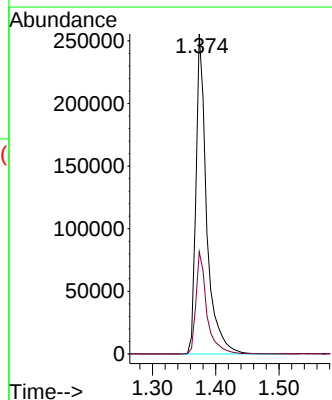
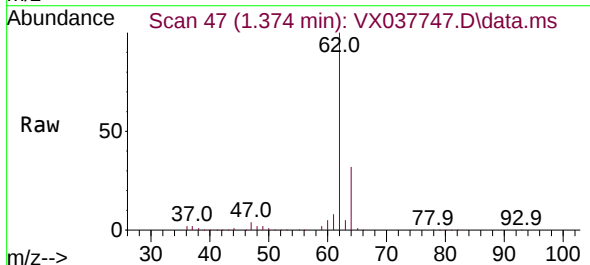
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#4
Vinyl Chloride
Concen: 90.786 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

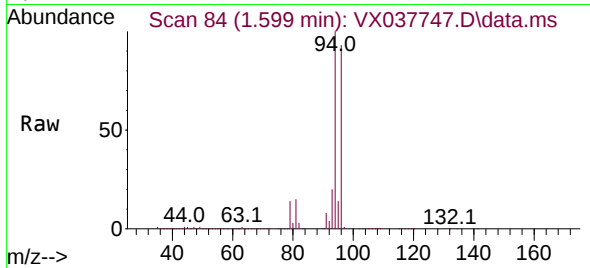
Tgt Ion: 62 Resp: 301203
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 88.780 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

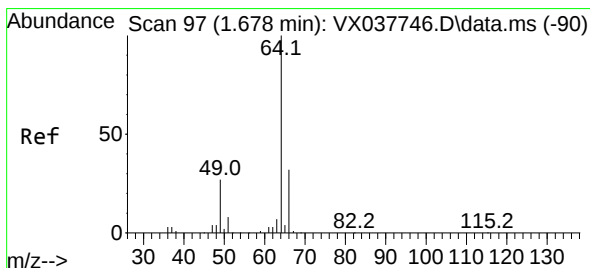
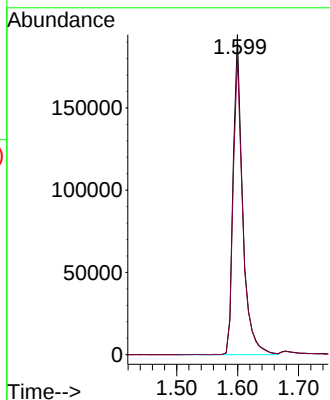
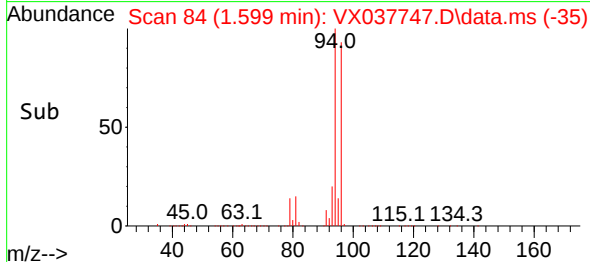
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 210860
Ion Ratio Lower Upper
94 100
96 93.2 74.6 111.8

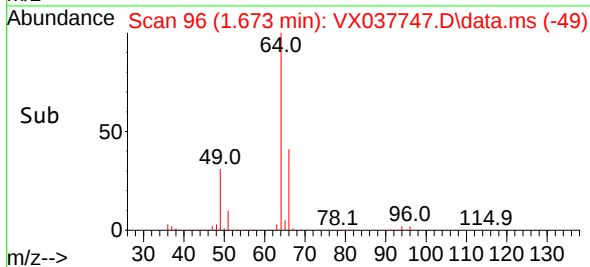
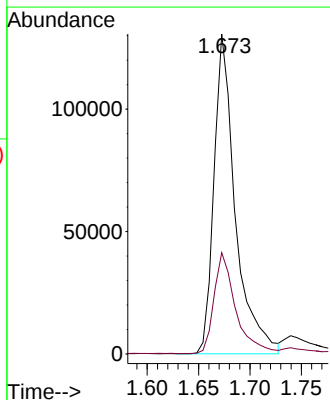
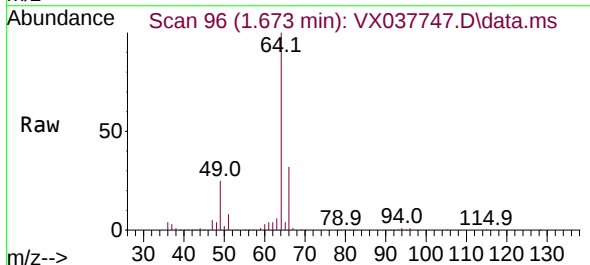
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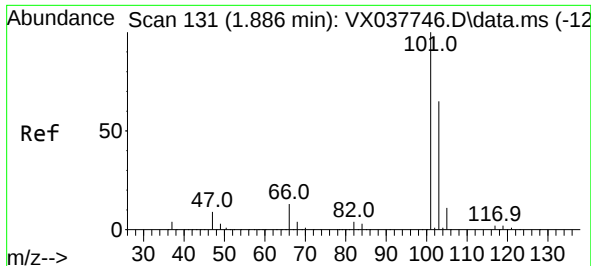
Reviewed By :John Carlone 09/18/2023
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#6
Chloroethane
Concen: 82.281 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 64 Resp: 188062
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





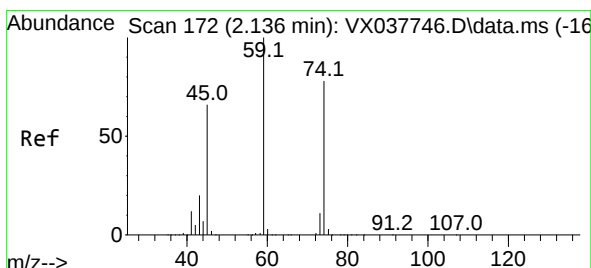
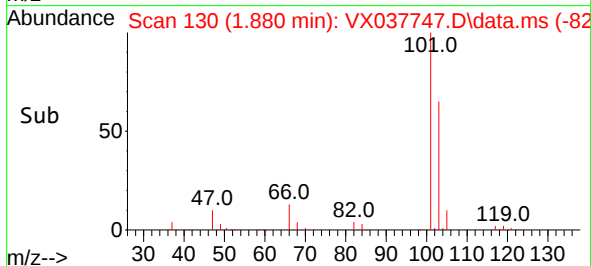
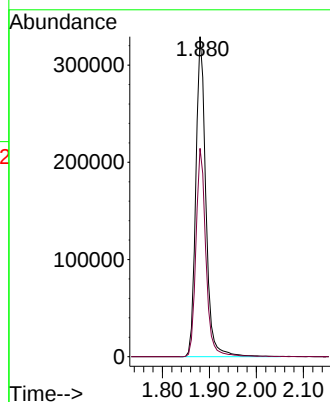
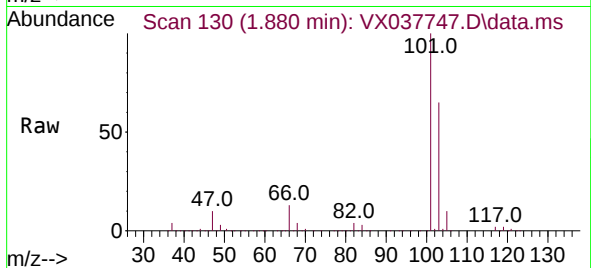
#7
Trichlorofluoromethane
Concen: 92.303 ug/l
RT: 1.880 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 492328
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

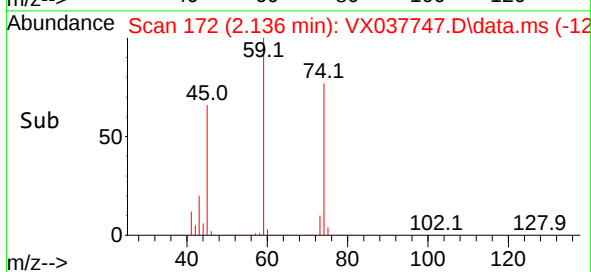
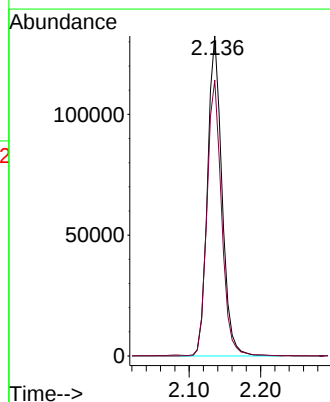
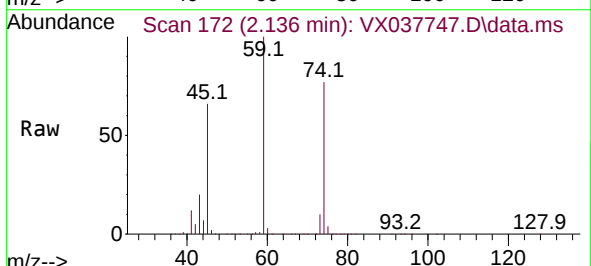
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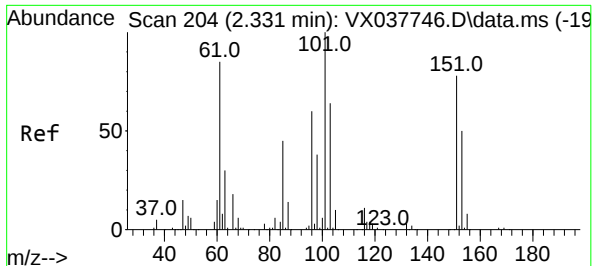
Reviewed By :John Carlone 09/18/2023
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#8
Diethyl Ether
Concen: 89.806 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 74 Resp: 185582
Ion Ratio Lower Upper
74 100
45 87.1 53.3 159.8





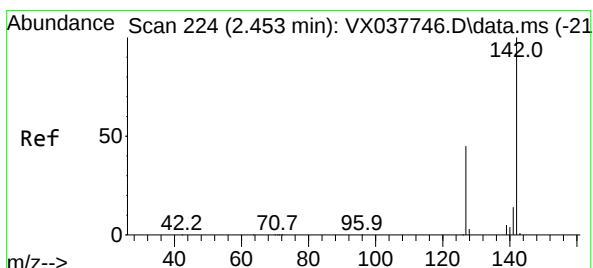
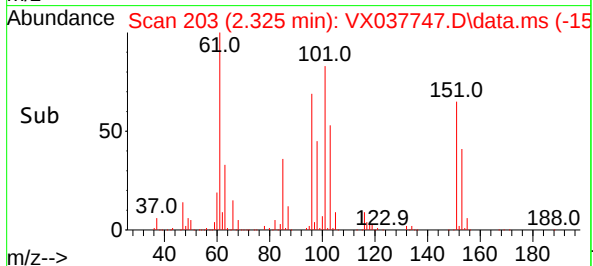
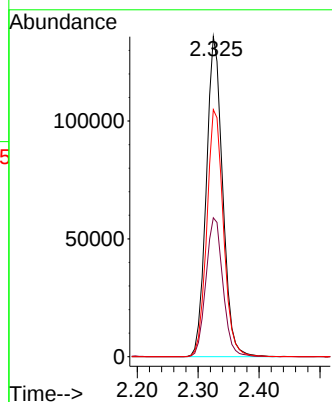
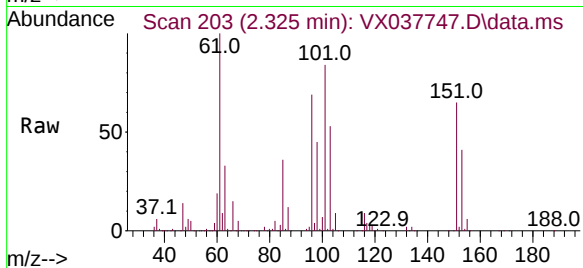
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.704 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 253648
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 78.3 58.6 87.8

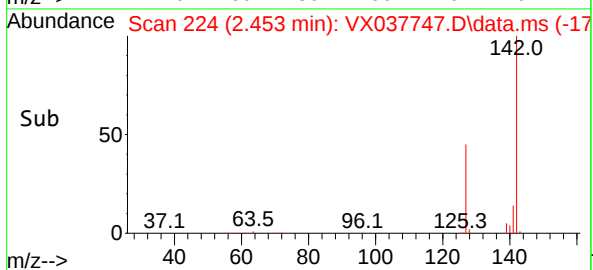
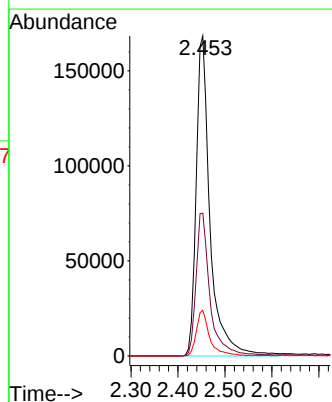
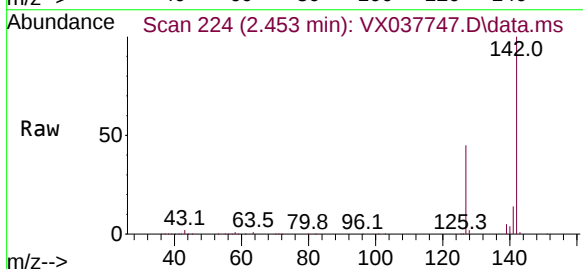
Manual Integrations
APPROVED

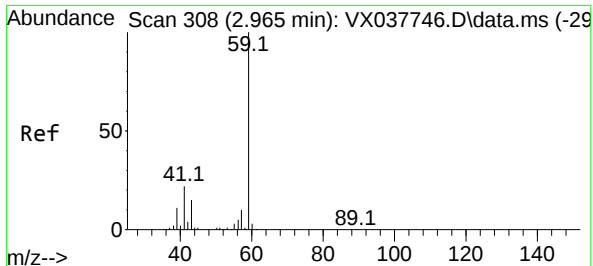
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 97.113 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion:142 Resp: 347882
Ion Ratio Lower Upper
142 100
127 45.0 41.6 62.4
141 13.9 11.6 17.4





#11

Tert butyl alcohol

Concen: 451.091 ug/l

RT: 2.977 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 34113

Ion Ratio Lower Upper

59 100

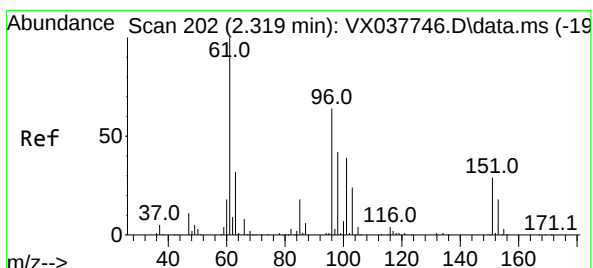
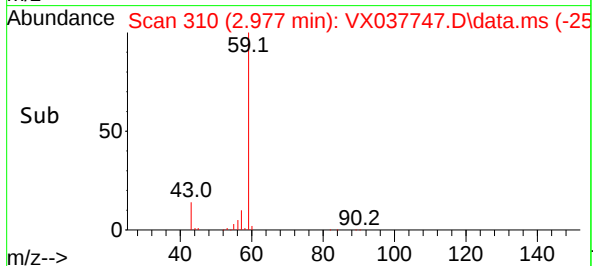
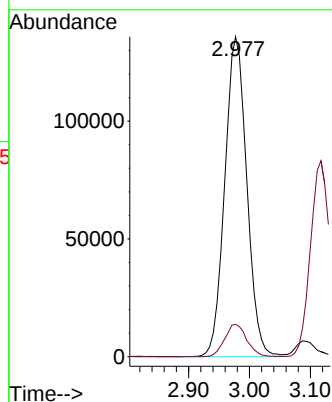
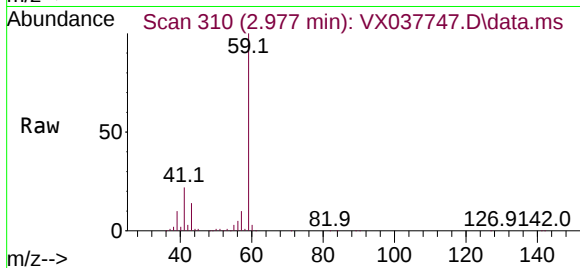
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#12

1,1-Dichloroethene

Concen: 93.048 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

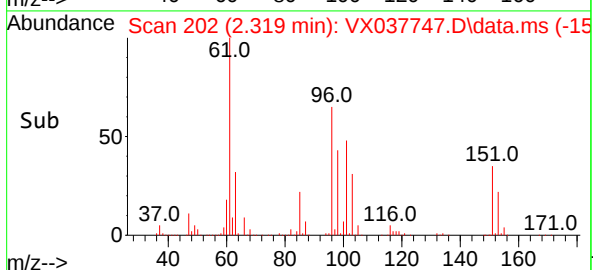
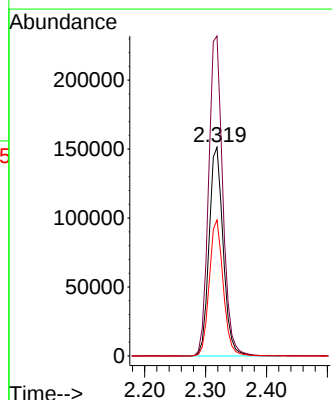
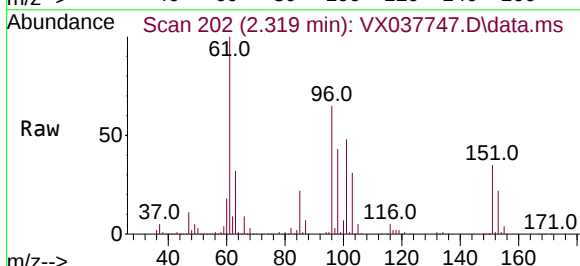
Tgt Ion: 96 Resp: 243421

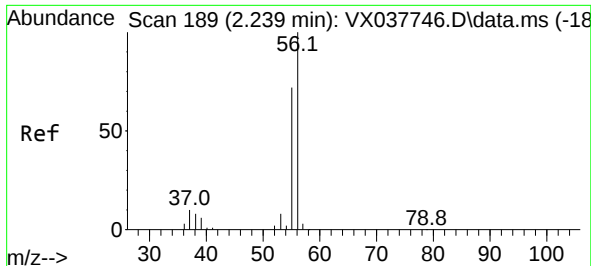
Ion Ratio Lower Upper

96 100

61 153.3 144.6 216.8

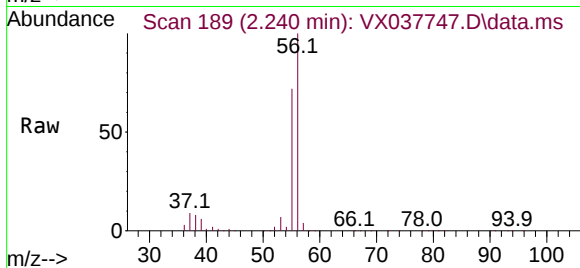
98 65.2 50.4 75.6





#13
Acrolein
Concen: 467.928 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

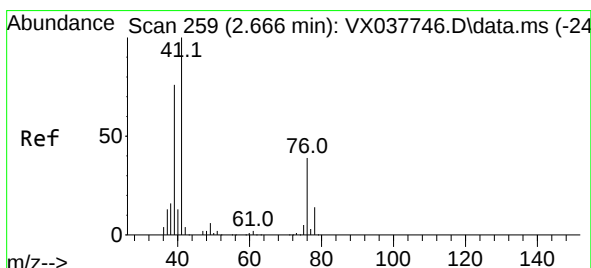
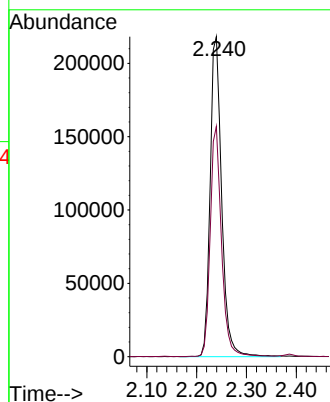
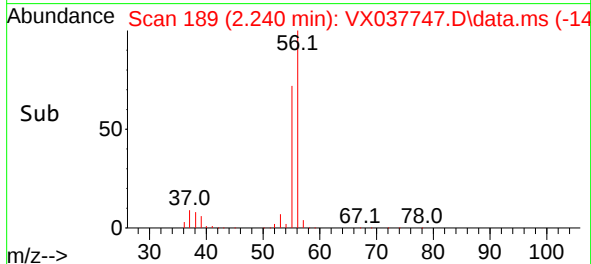
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 349586
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

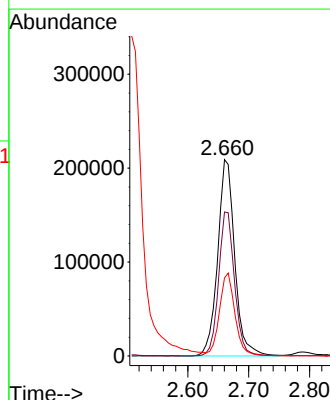
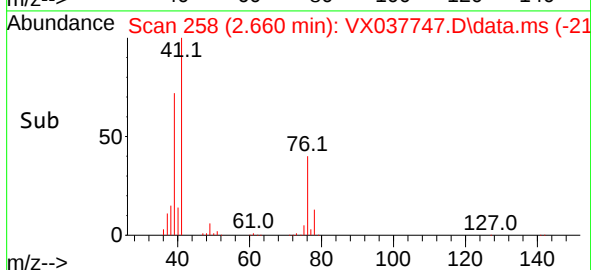
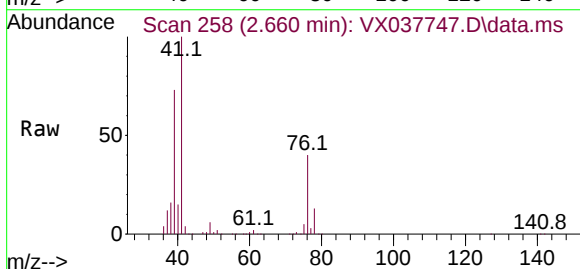
Manual Integrations
APPROVED

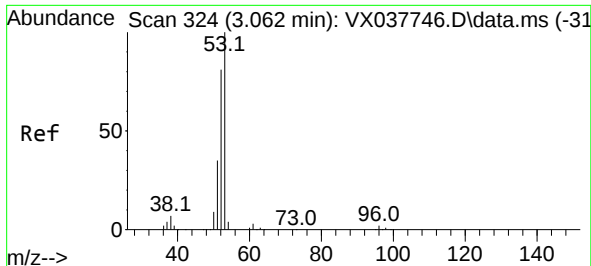
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#14
Allyl chloride
Concen: 93.493 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

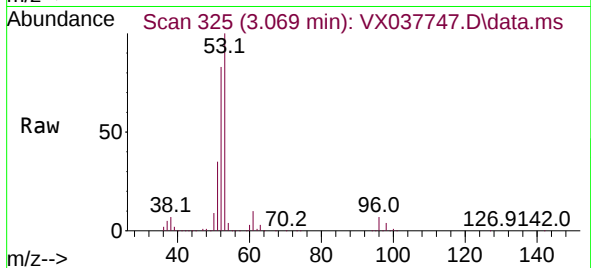
Tgt Ion: 41 Resp: 407361
Ion Ratio Lower Upper
41 100
39 68.4 55.8 83.6
76 38.2 24.3 36.5





#15
Acrylonitrile
Concen: 463.219 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

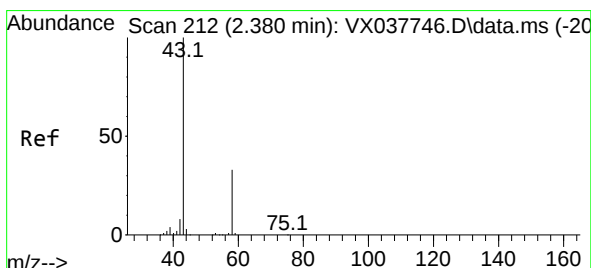
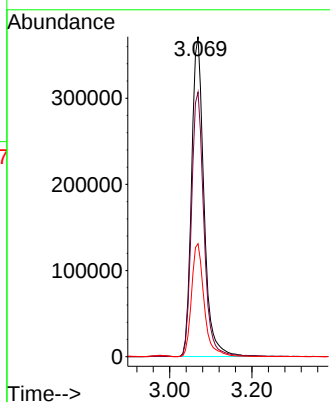
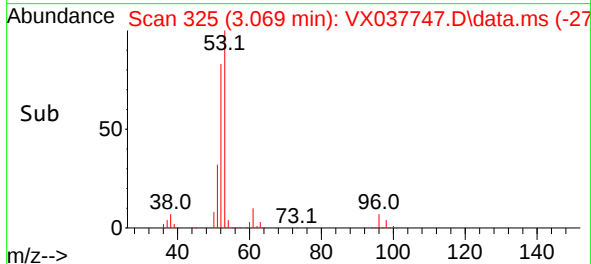
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 778852
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 35.9 29.8 44.6

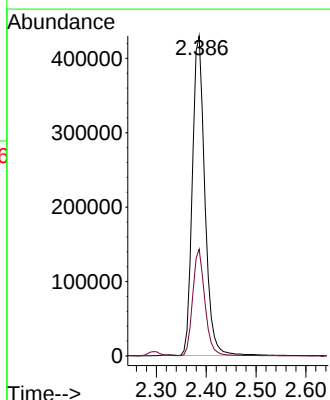
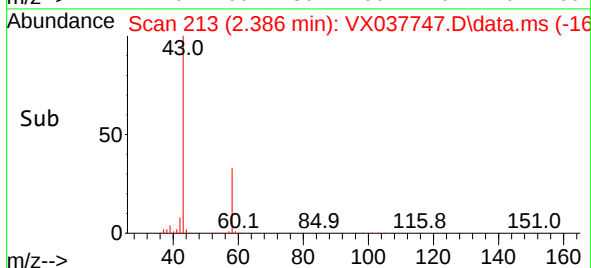
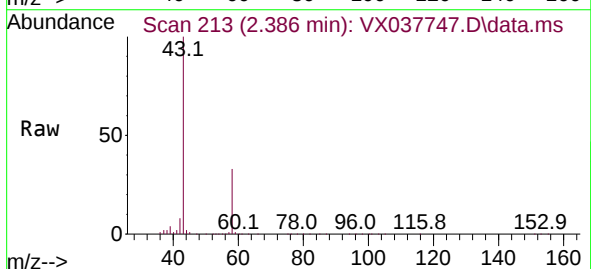
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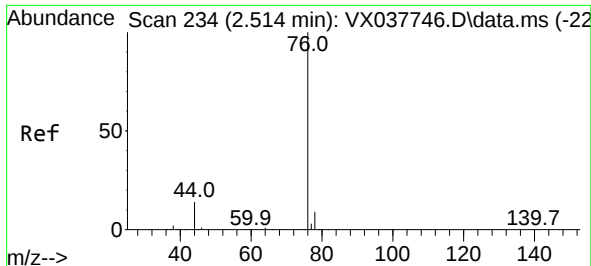
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 440.551 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 43 Resp: 746671
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





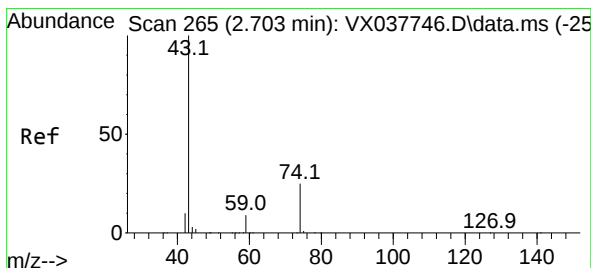
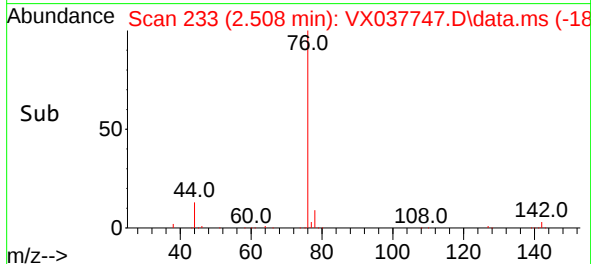
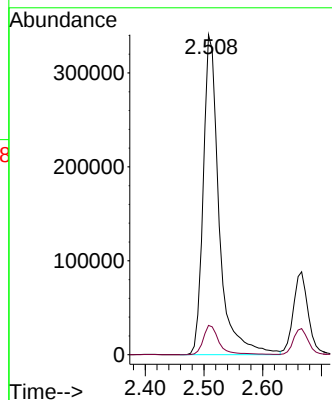
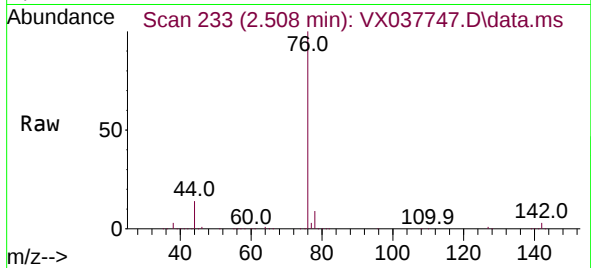
#17
Carbon Disulfide
Concen: 97.600 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 640160
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

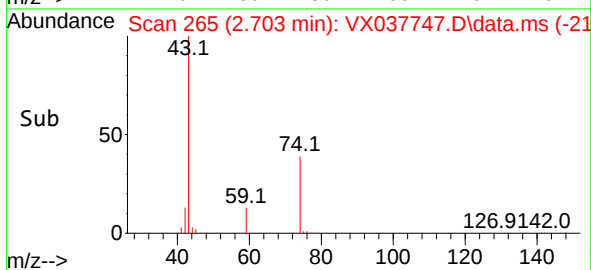
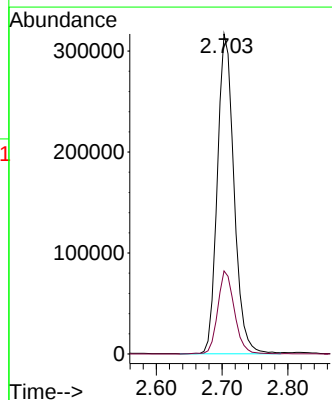
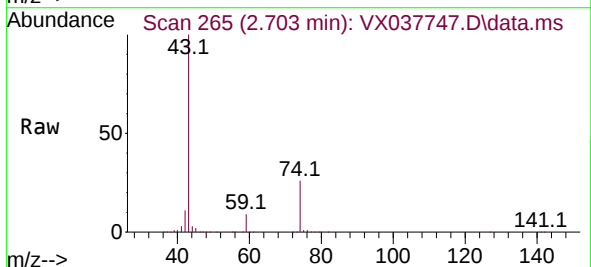
Manual Integrations
APPROVED

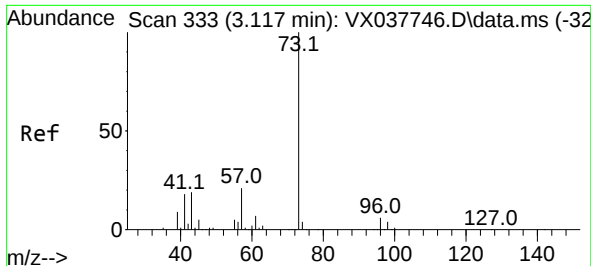
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 91.476 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 43 Resp: 559287
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8





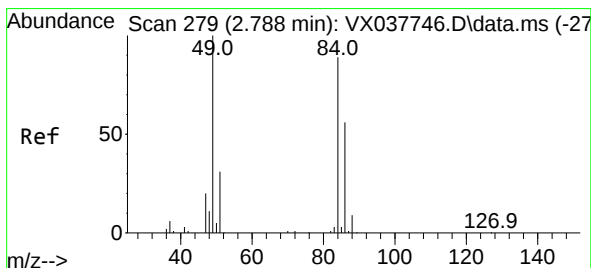
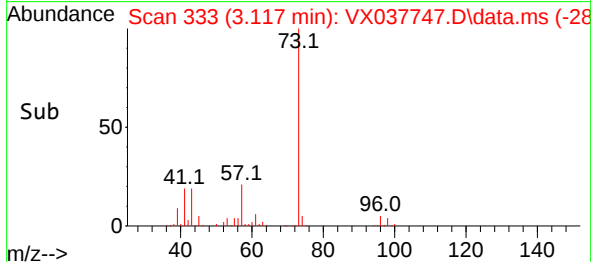
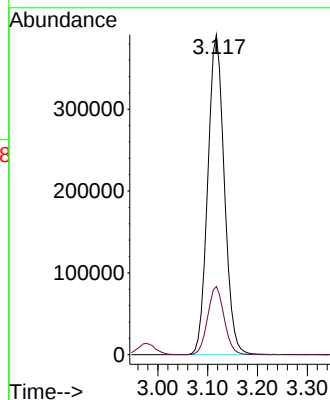
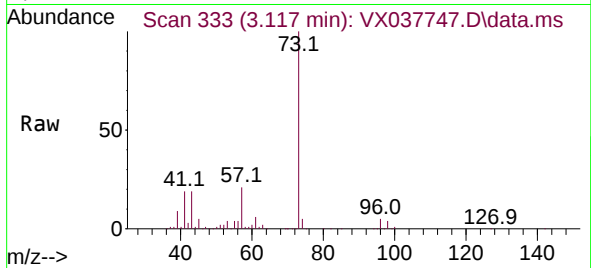
#19
Methyl tert-butyl Ether
Concen: 93.422 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 899054
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

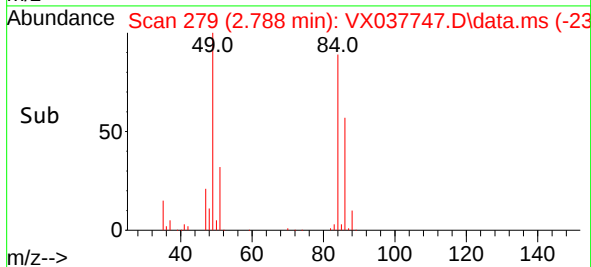
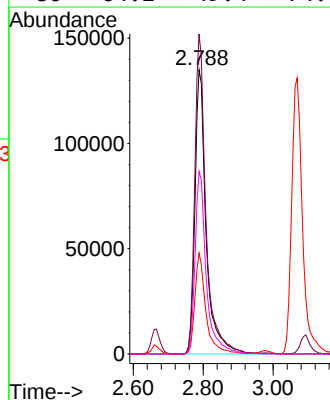
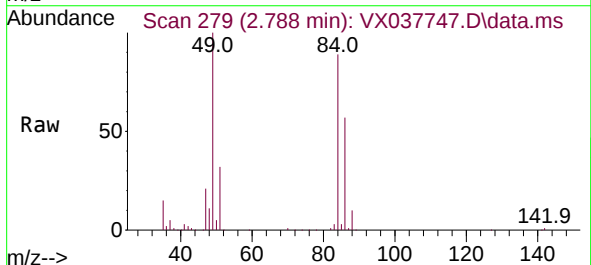
Manual Integrations
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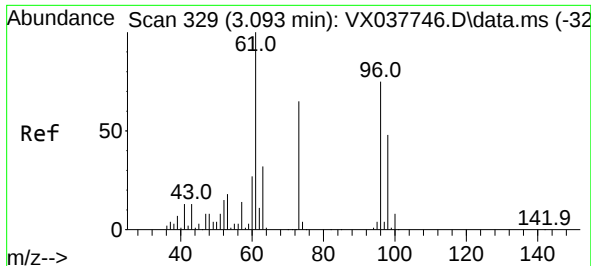
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 95.819 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

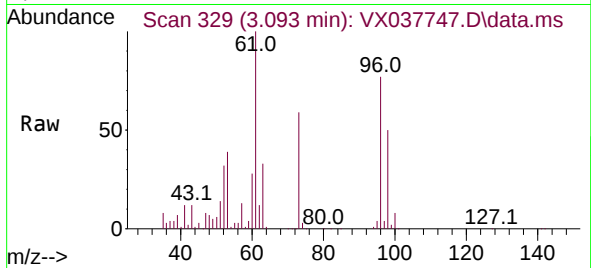
Tgt Ion: 84 Resp: 300169
Ion Ratio Lower Upper
84 100
49 112.6 103.6 155.4
51 35.5 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 94.859 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

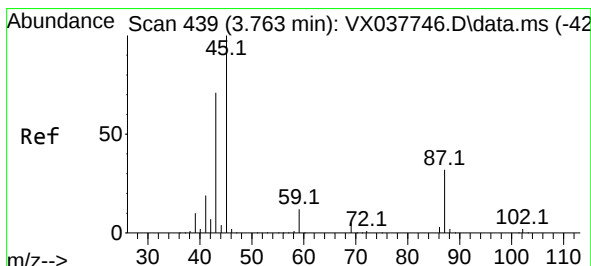
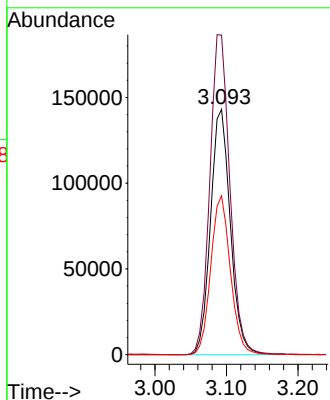
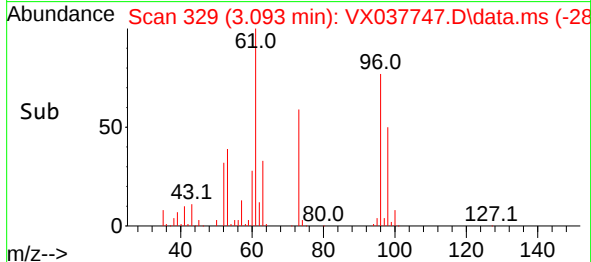
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 275562
Ion Ratio Lower Upper
96 100
61 130.2 119.2 178.8
98 64.7 48.7 73.1

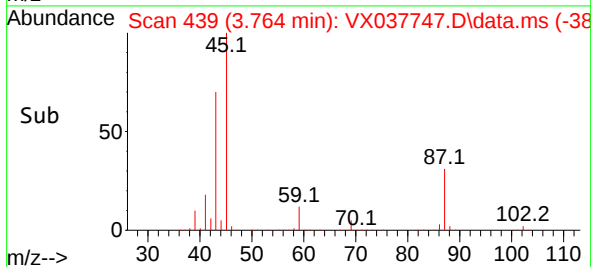
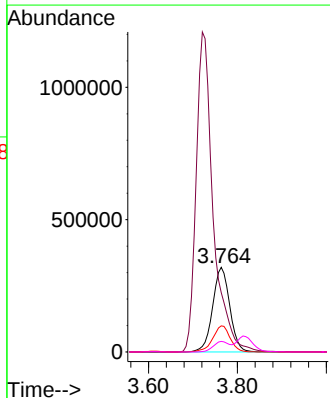
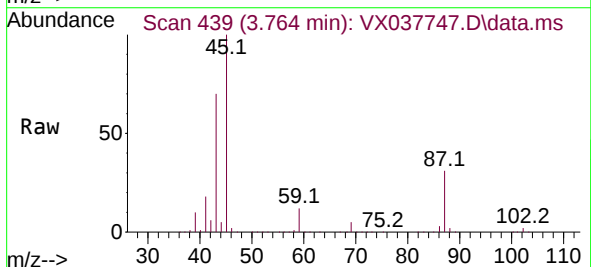
Manual Integrations
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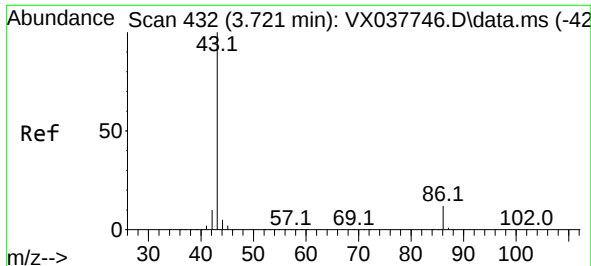
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 94.187 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

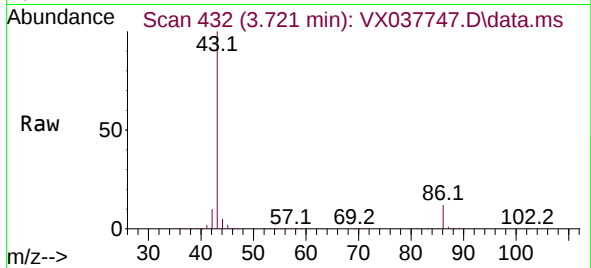
Tgt Ion: 45 Resp: 854829
Ion Ratio Lower Upper
45 100
43 70.1 69.7 104.5
87 30.9 20.8 31.2
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 482.839 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037747.D
 Acq: 15 Sep 2023 11:00

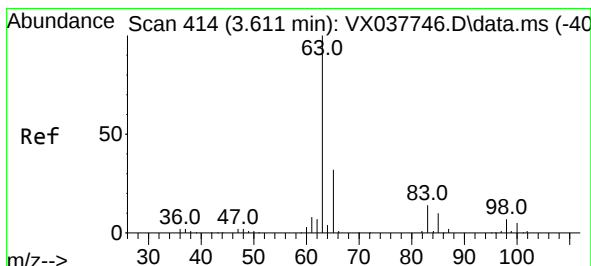
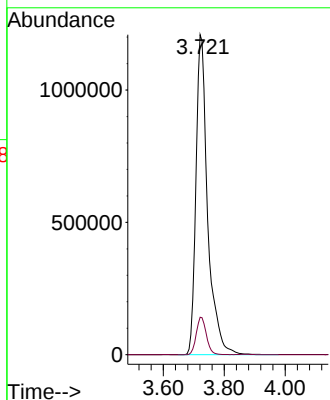
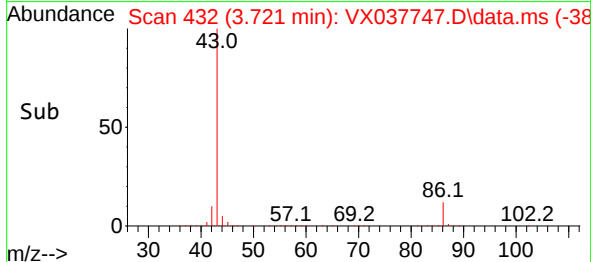
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



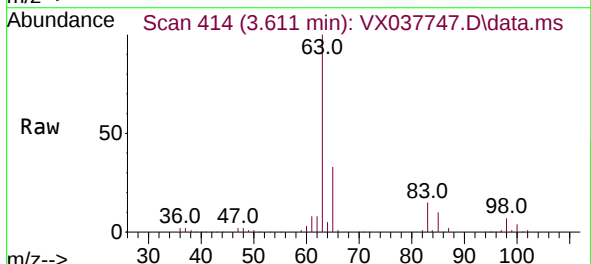
Tgt Ion: 43 Resp: 3223329
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

Manual Integrations
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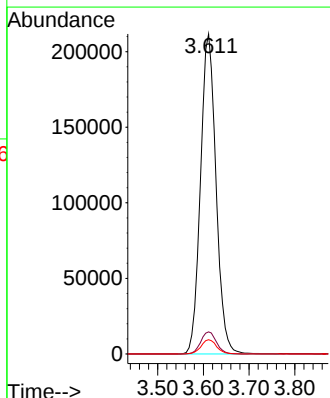
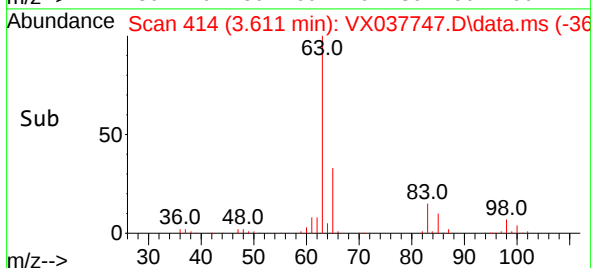
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

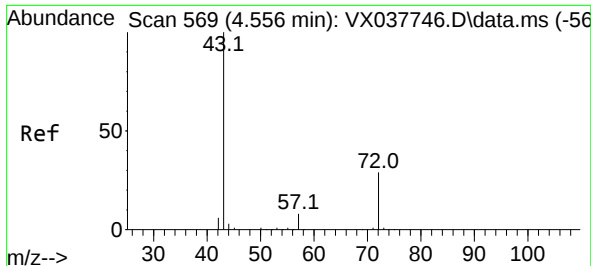


#24
 1,1-Dichloroethane
 Concen: 91.937 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX037747.D
 Acq: 15 Sep 2023 11:00



Tgt Ion: 63 Resp: 500016
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.1 6.5





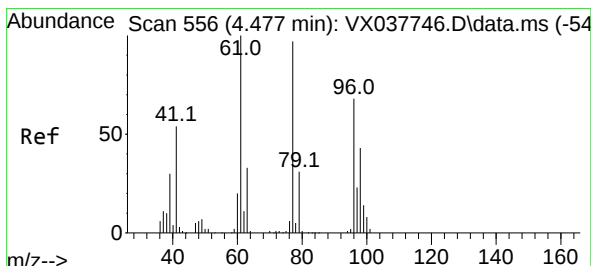
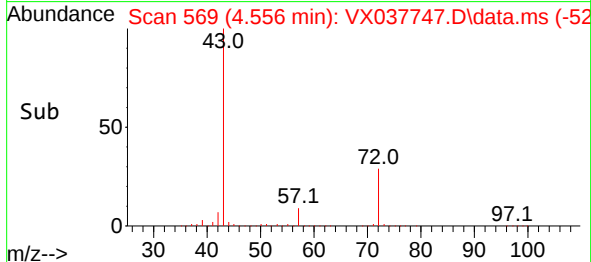
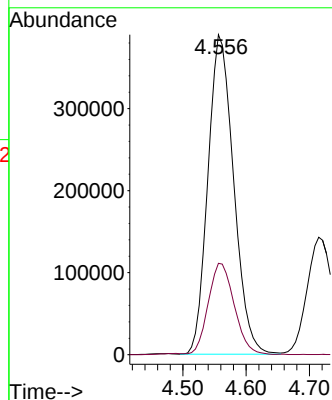
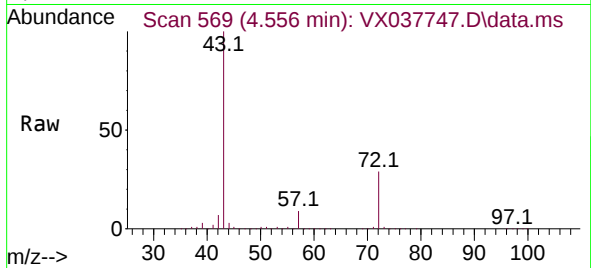
#25
2-Butanone
Concen: 460.512 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 110112
Ion Ratio Lower Upper
43 100
72 28.4 19.4 29.2

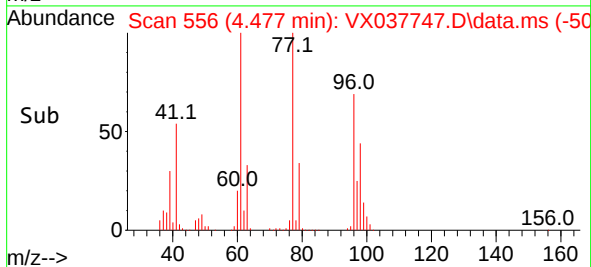
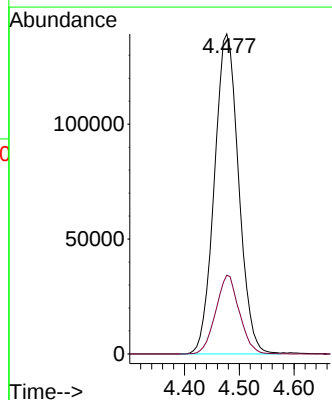
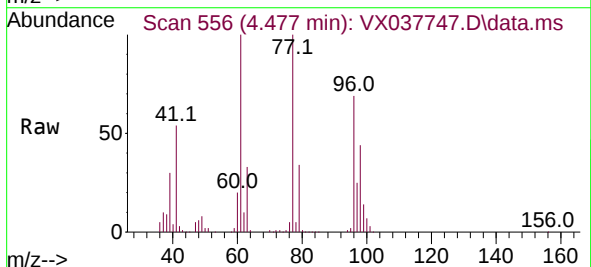
Manual Integrations
APPROVED

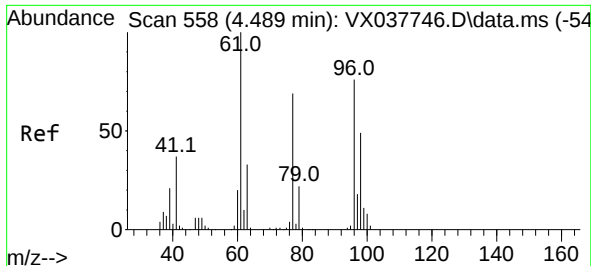
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#26
2,2-Dichloropropane
Concen: 97.483 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 77 Resp: 428394
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 93.895 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 33439

Ion Ratio Lower Upper

96 100

61 138.2 0.0 312.2

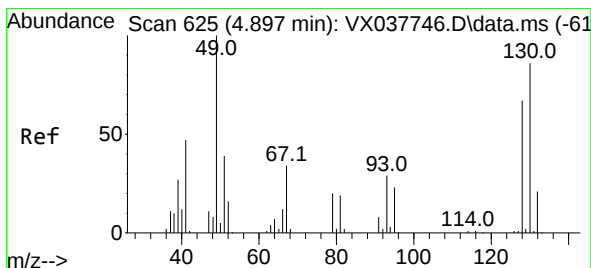
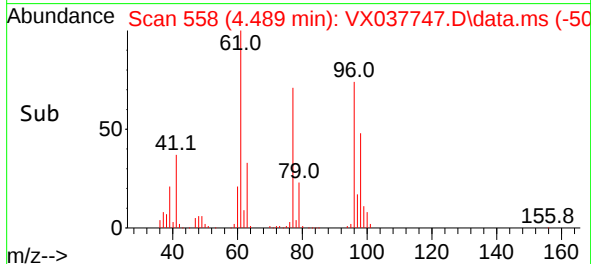
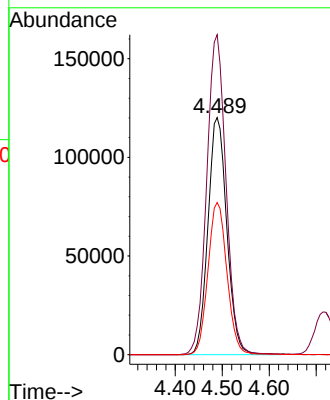
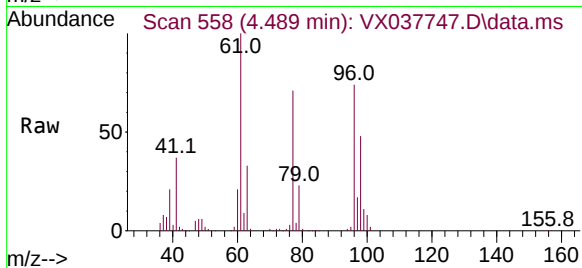
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#28

Bromochloromethane

Concen: 91.032 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

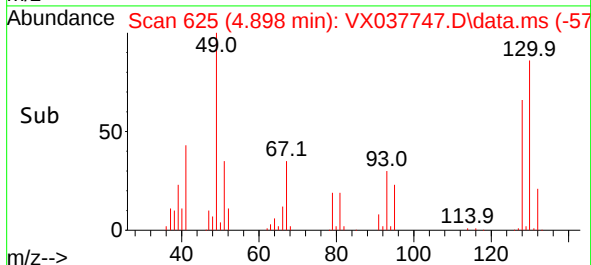
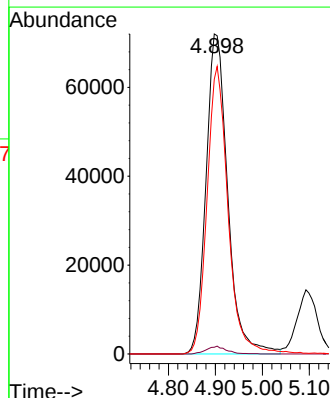
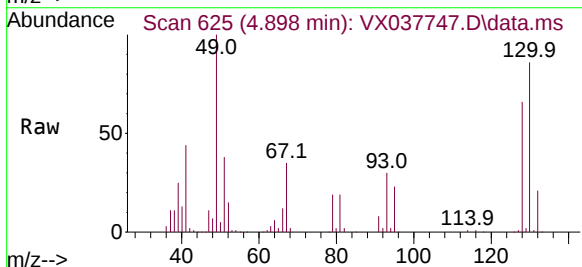
Tgt Ion: 49 Resp: 230968

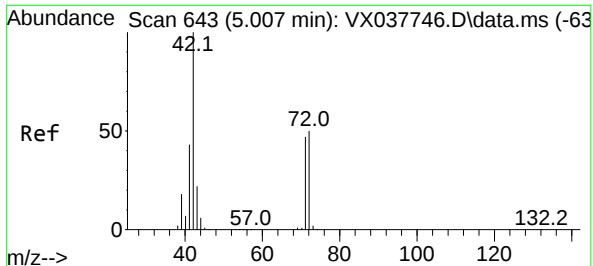
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 86.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 461.794 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 68696

Ion Ratio Lower Upper

42 100

72 49.9 34.2 51.4

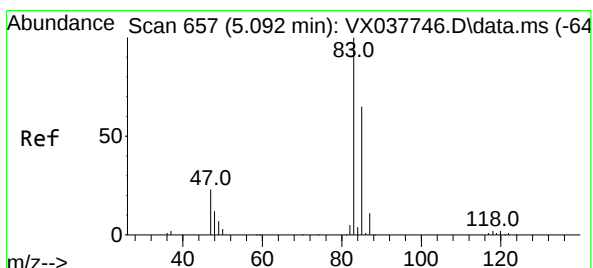
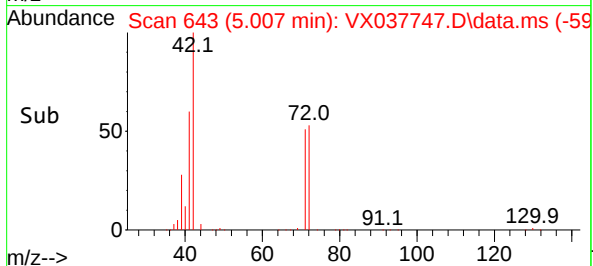
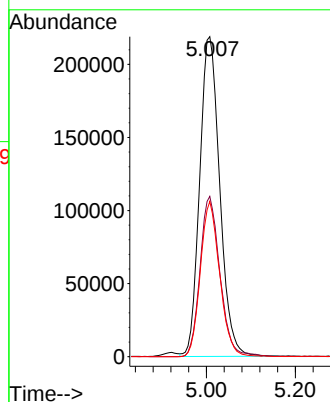
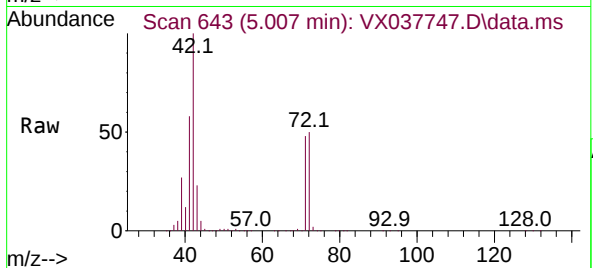
71 46.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 93.380 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037747.D

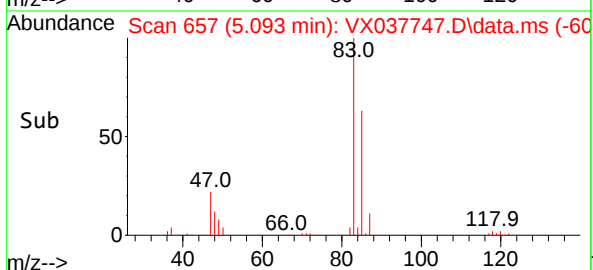
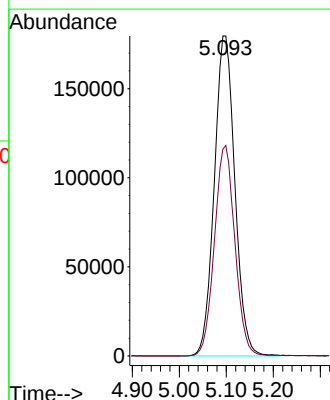
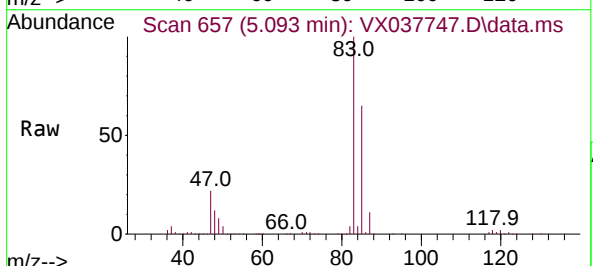
Acq: 15 Sep 2023 11:00

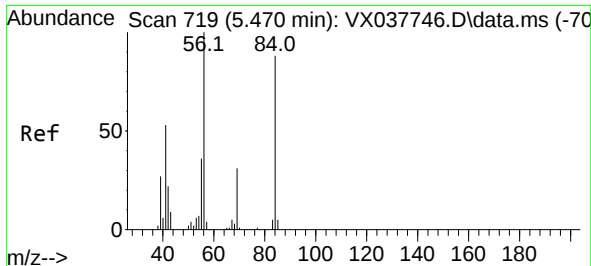
Tgt Ion: 83 Resp: 547093

Ion Ratio Lower Upper

83 100

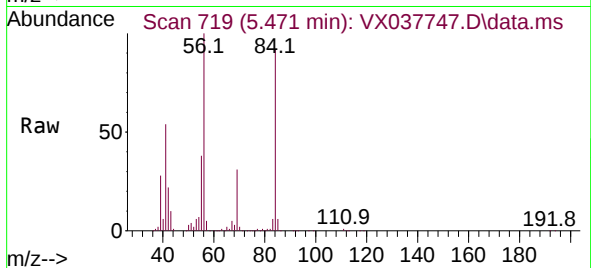
85 64.6 50.3 75.5





#31
Cyclohexane
Concen: 94.953 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

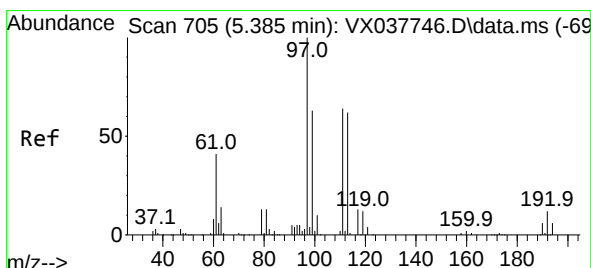
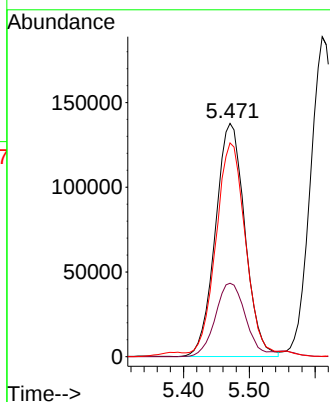
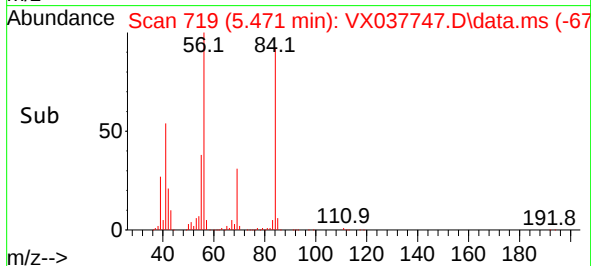
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 429374
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 89.8 65.9 98.9

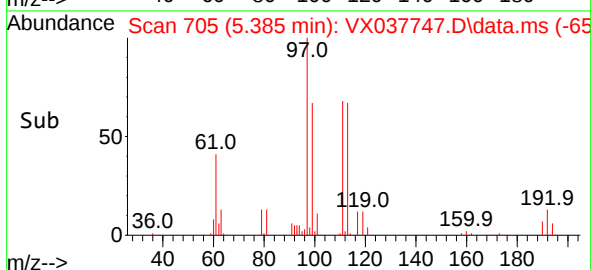
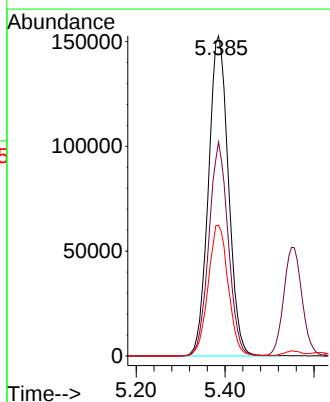
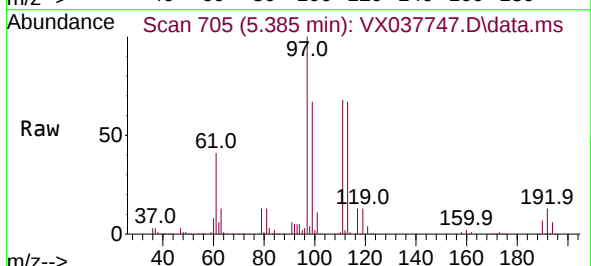
Manual Integrations
APPROVED

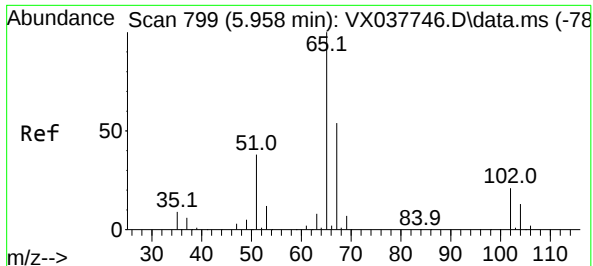
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#32
1,1,1-Trichloroethane
Concen: 95.896 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 97 Resp: 475714
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 41.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 96.974 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 34165

Ion Ratio Lower Upper

65 100

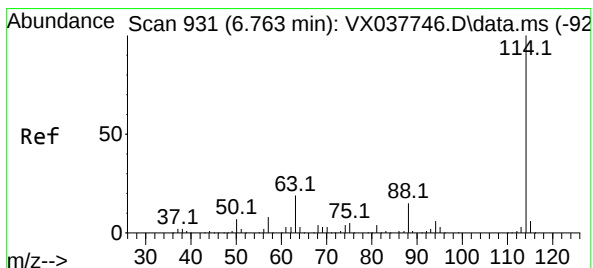
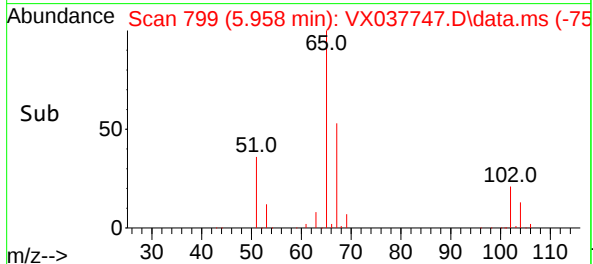
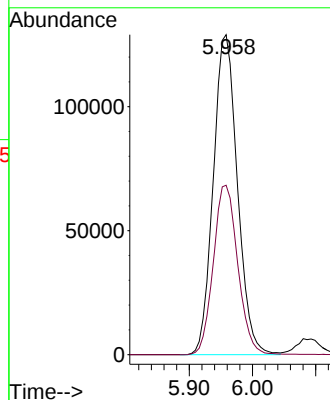
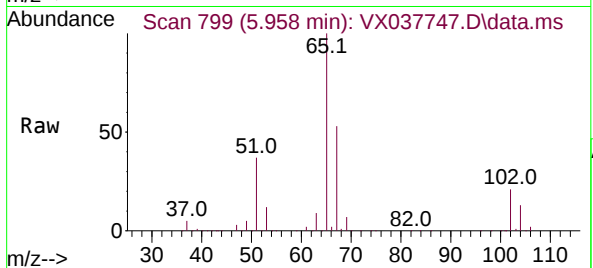
67 53.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

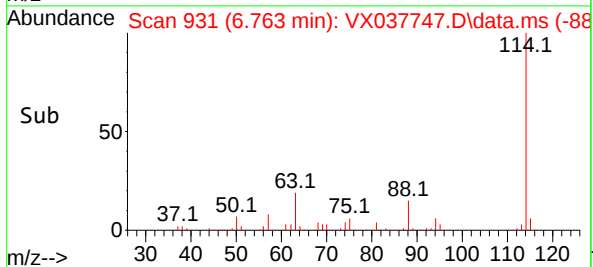
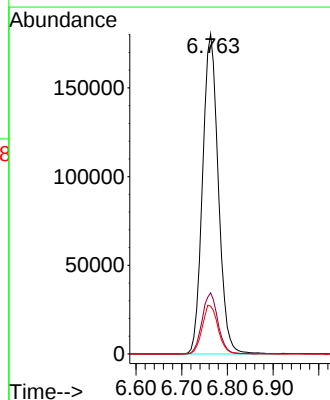
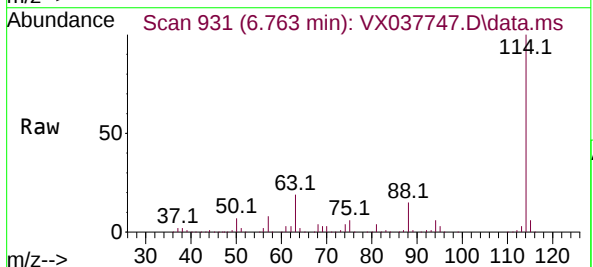
Tgt Ion:114 Resp: 430733

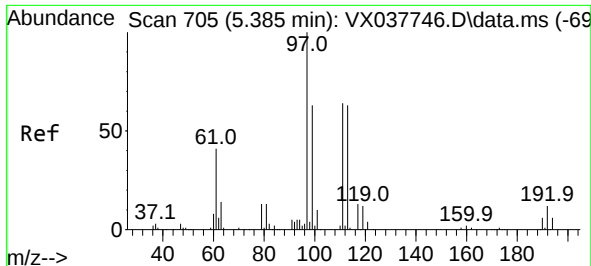
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 102.846 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037747.D

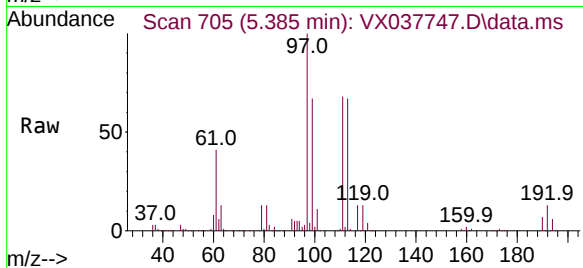
Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100



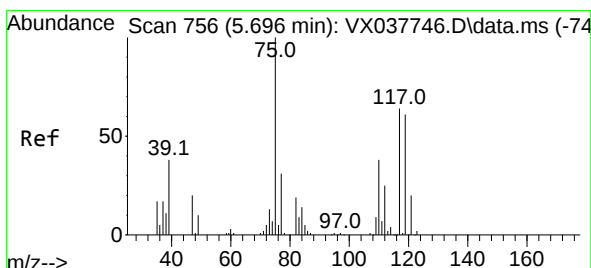
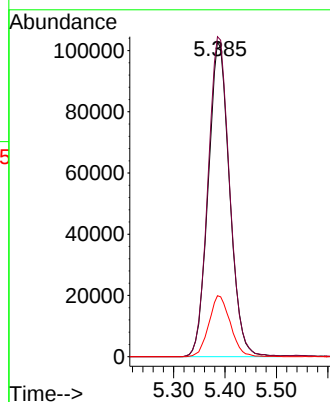
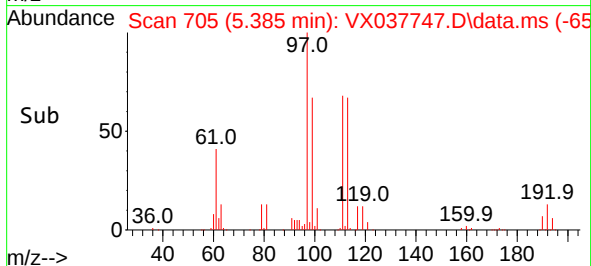
Tgt Ion:	113	Resp:	296408
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	19.5	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#36

1,1-Dichloropropene

Concen: 97.479 ug/l

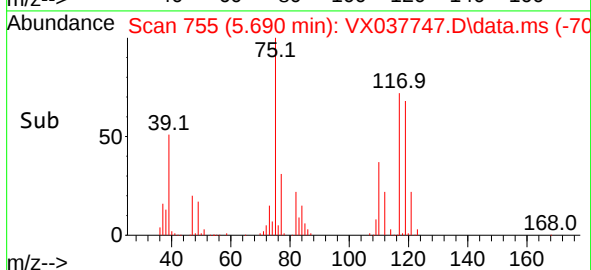
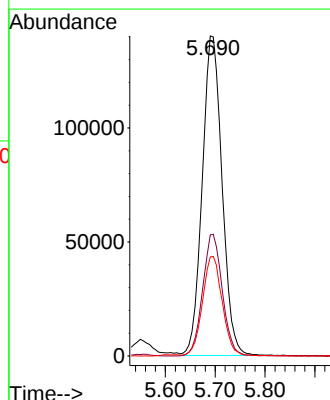
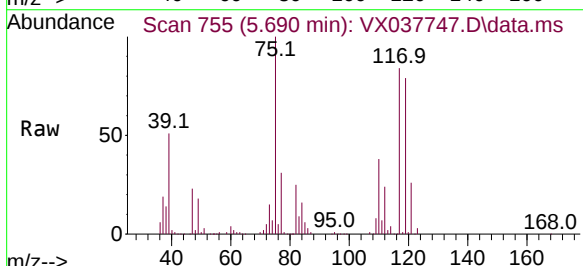
RT: 5.690 min Scan# 755

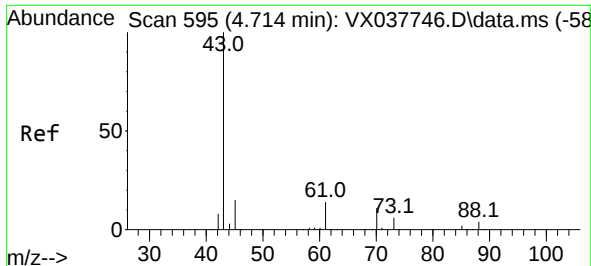
Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Tgt Ion:	75	Resp:	387010
Ion	Ratio	Lower	Upper
75	100		
110	37.7	17.0	50.9
77	31.0	24.7	37.1





#37
Ethyl Acetate
Concen: 98.140 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

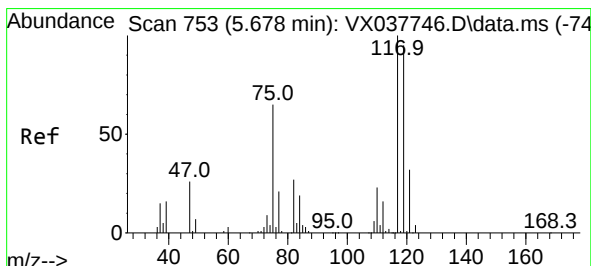
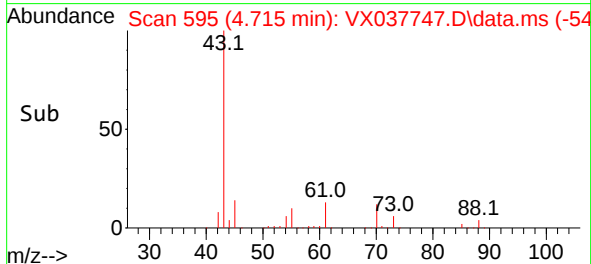
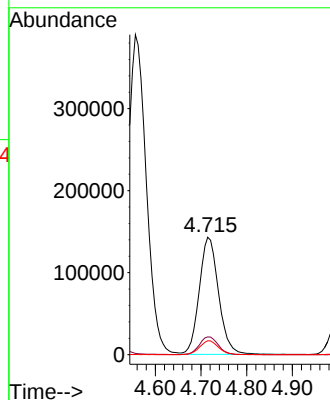
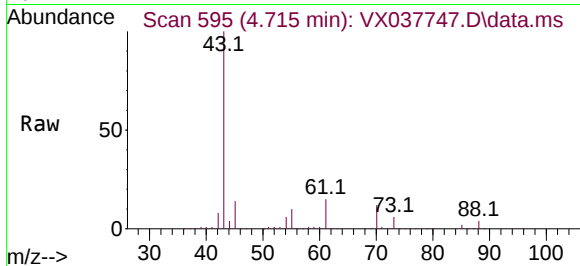
VSTDICC100

Tgt Ion: 43 Resp: 418309
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.7 8.3 12.5

Manual Integrations

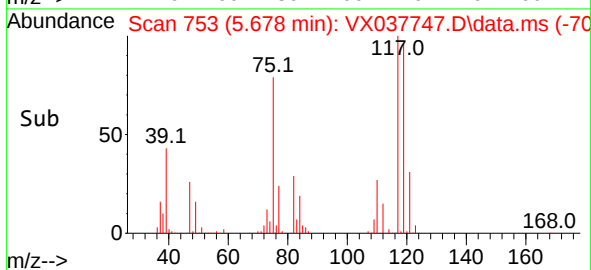
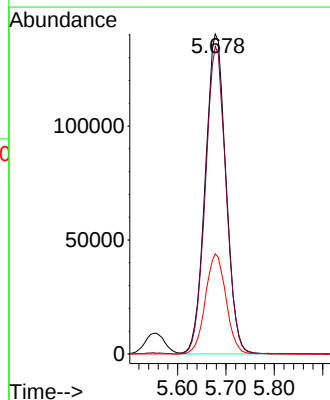
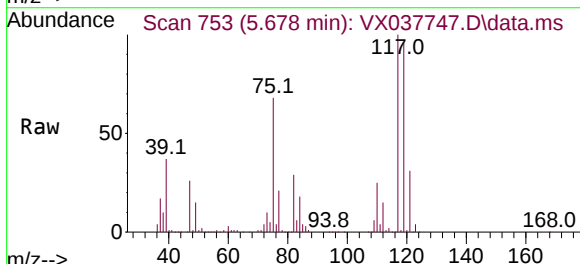
APPROVED

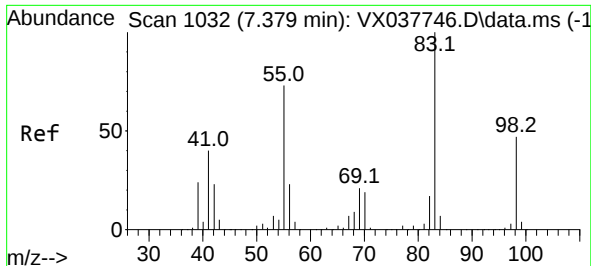
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#38
Carbon Tetrachloride
Concen: 100.337 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion:117 Resp: 416803
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 31.3 24.4 36.6





#39

Methylcyclohexane

Concen: 100.640 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 507108

Ion Ratio Lower Upper

83 100

55 72.4 64.6 97.0

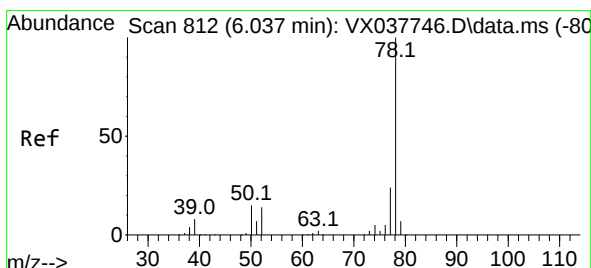
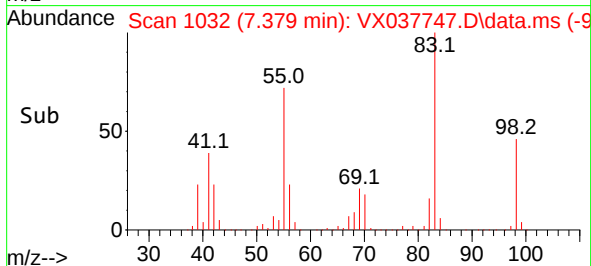
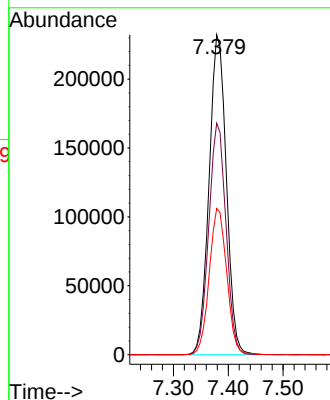
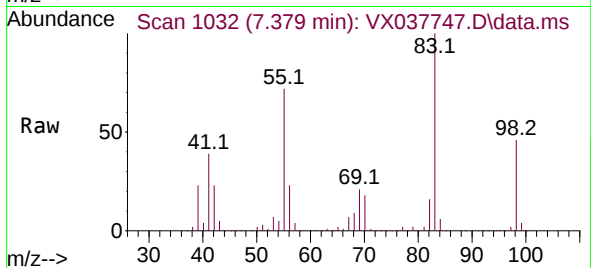
98 45.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#40

Benzene

Concen: 96.132 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037747.D

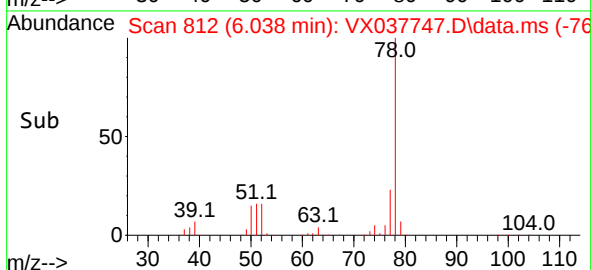
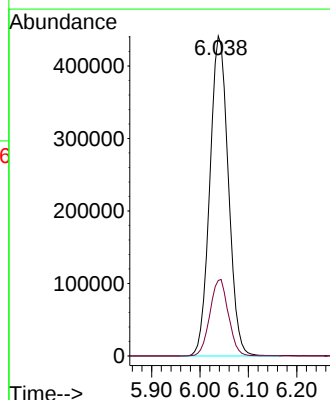
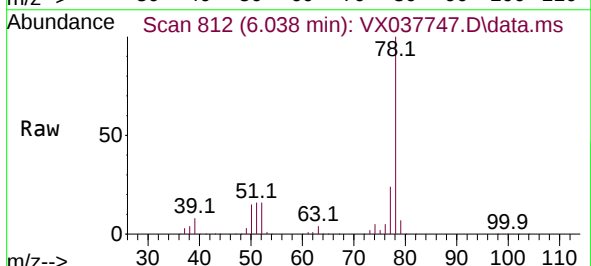
Acq: 15 Sep 2023 11:00

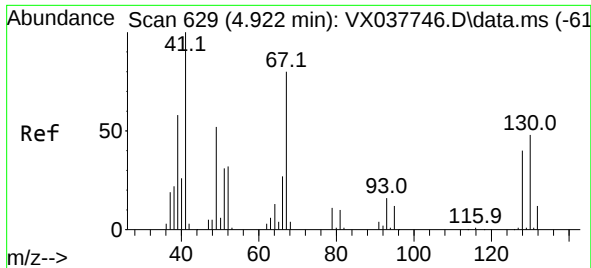
Tgt Ion: 78 Resp: 1173667

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 97.148 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.024 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

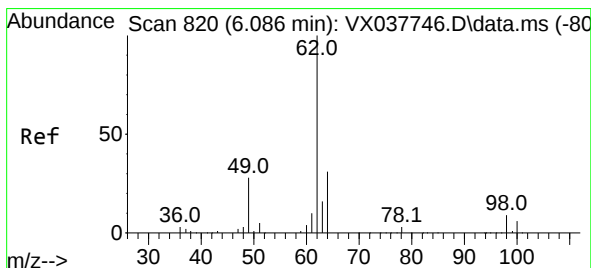
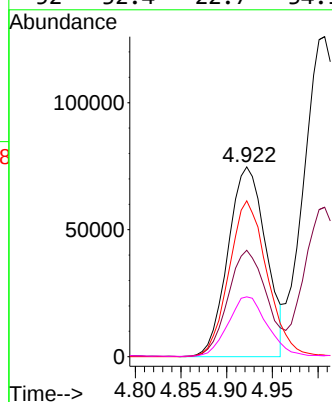
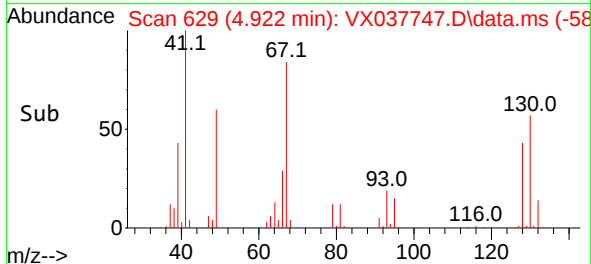
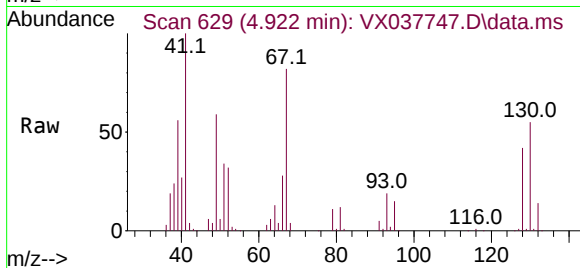
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 21620

Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.2	67.8
67	83.2	52.6	78.8
52	32.4	22.7	34.1

Manual Integrations
APPROVED

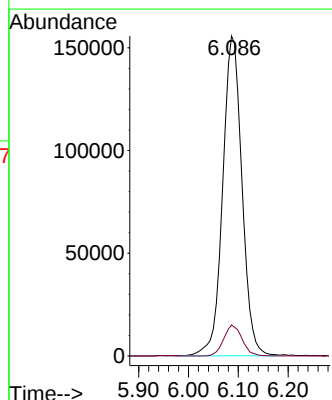
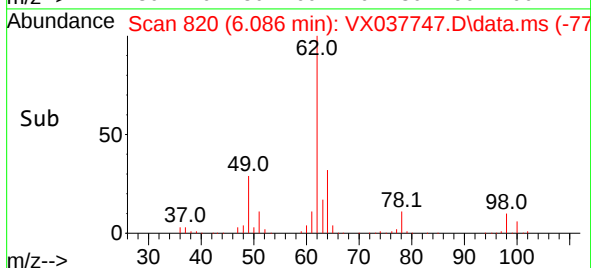
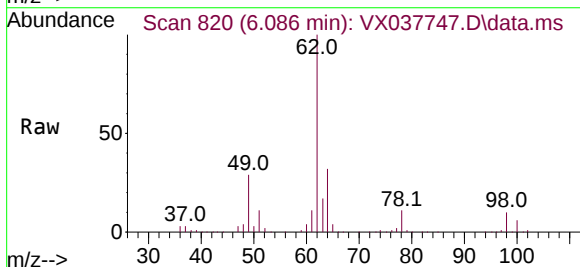
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

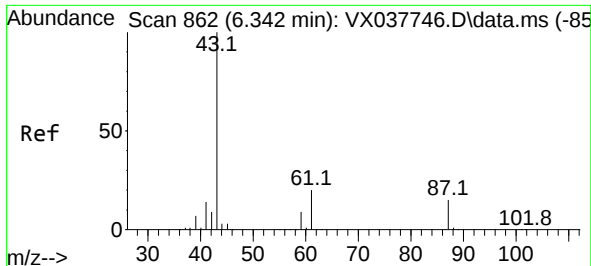


#42
1,2-Dichloroethane
Concen: 94.488 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 62 Resp: 418219

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 100.109 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX037747.D

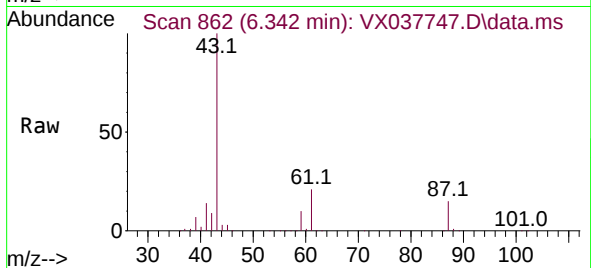
Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



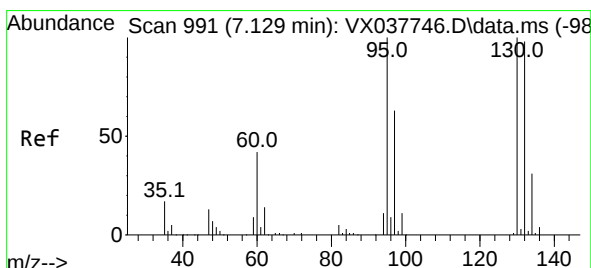
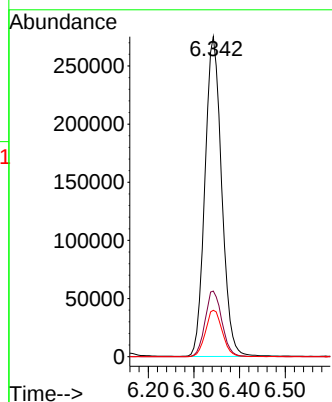
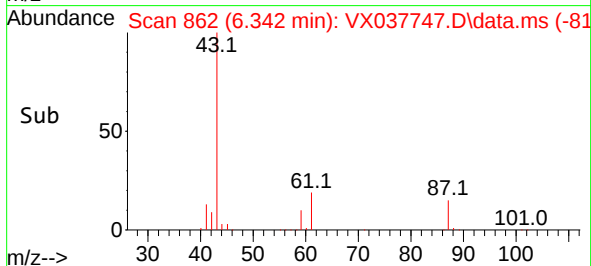
Tgt Ion:	43	Resp:	69867
Ion Ratio	Lower	Upper	
43	100		
61	20.6	15.2	22.8
87	14.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#44

Trichloroethene

Concen: 93.734 ug/l

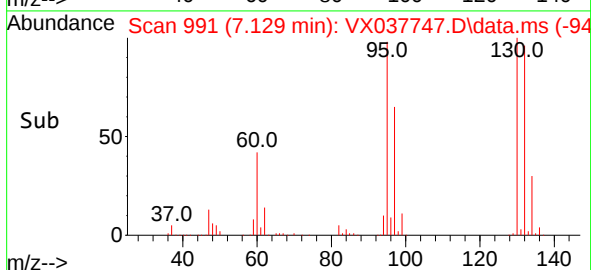
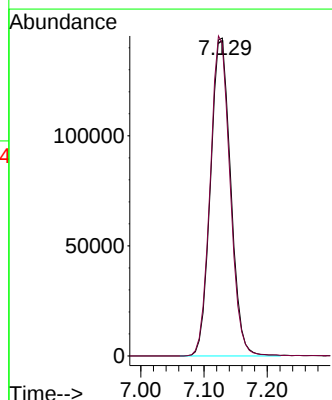
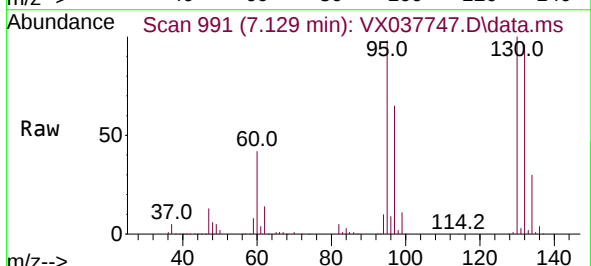
RT: 7.129 min Scan# 991

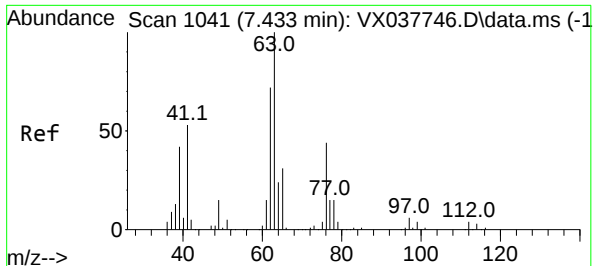
Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Tgt Ion:	130	Resp:	318695
Ion Ratio	Lower	Upper	
130	100		
95	98.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 95.527 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 302874

Ion Ratio Lower Upper

63 100

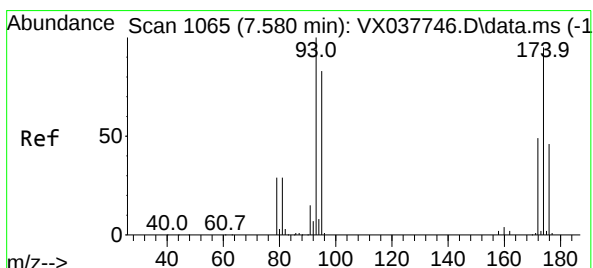
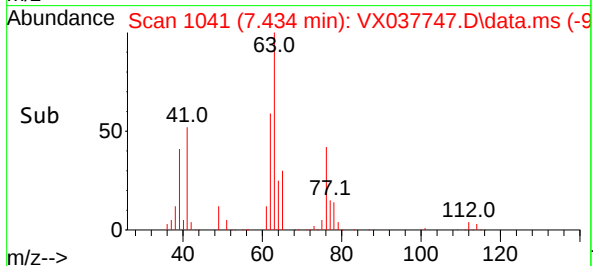
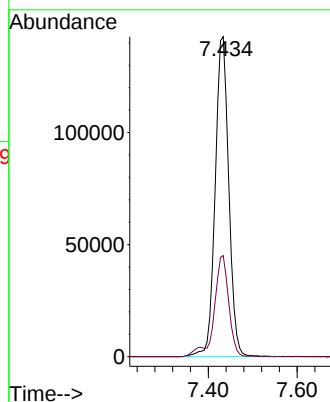
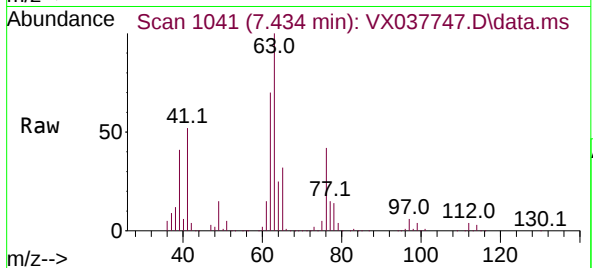
65 31.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#46

Dibromomethane

Concen: 100.397 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

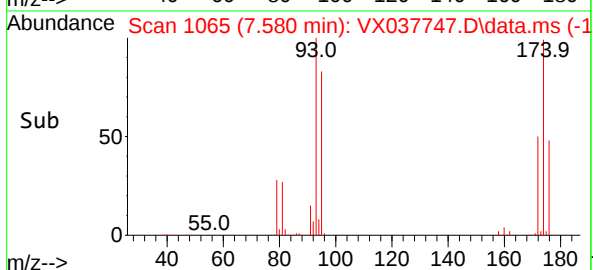
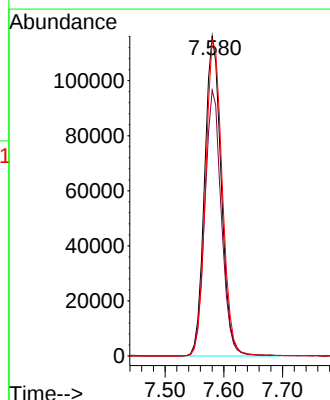
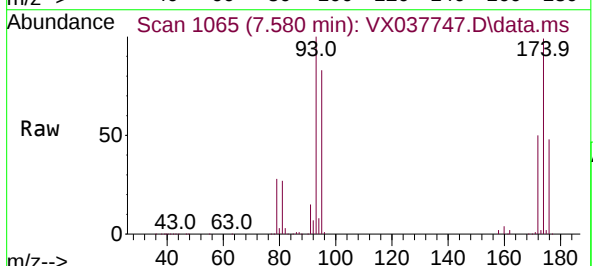
Tgt Ion: 93 Resp: 228977

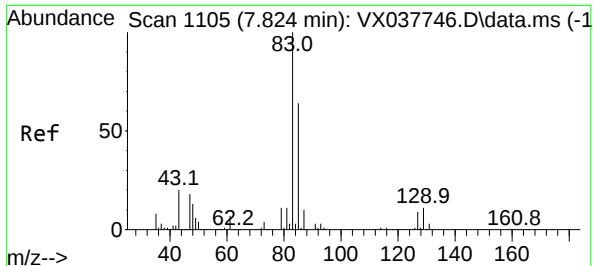
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

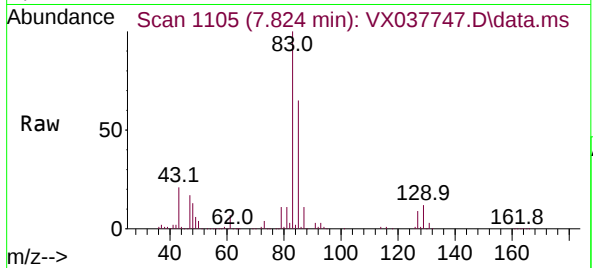
174 99.0 69.4 104.0





#47
Bromodichloromethane
Concen: 101.907 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

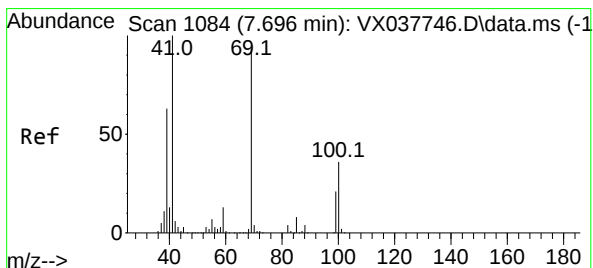
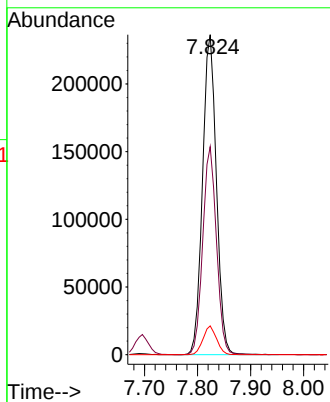
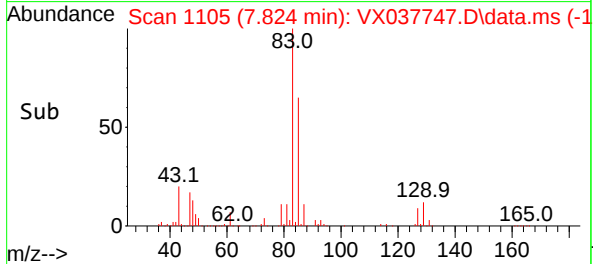
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



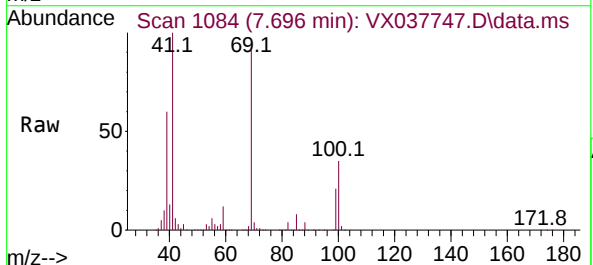
Tgt Ion: 83 Resp: 42805
Ion Ratio Lower Upper
83 100
85 65.0 49.8 74.6
127 9.0 7.1 10.7

Manual Integrations
APPROVED

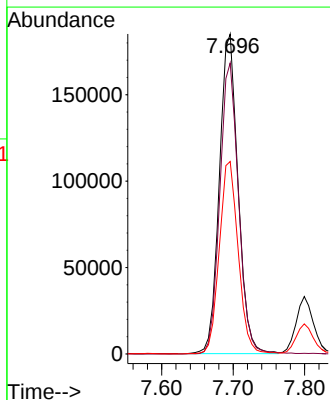
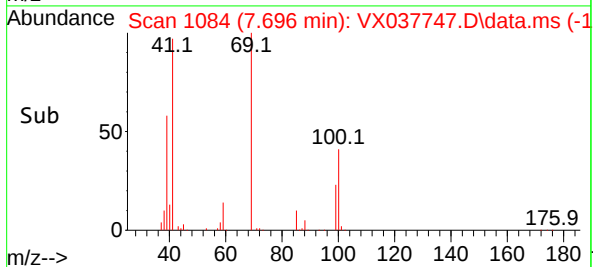
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

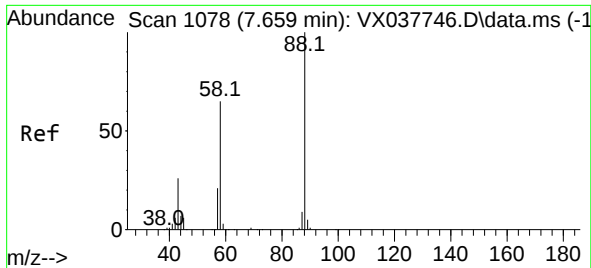


#48
Methyl methacrylate
Concen: 100.693 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



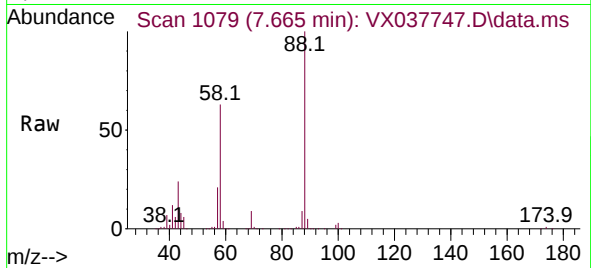
Tgt Ion: 41 Resp: 335941
Ion Ratio Lower Upper
41 100
69 91.3 59.2 88.8
39 60.8 47.7 71.5





#49
1,4-Dioxane
Concen: 1839.198 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

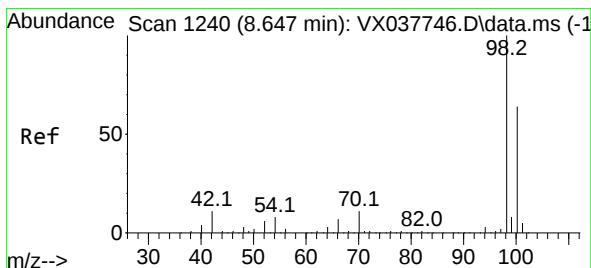
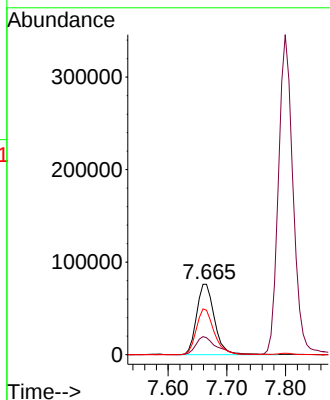
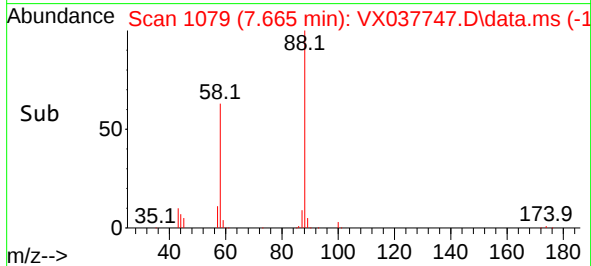
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 160865
Ion Ratio Lower Upper
88 100
43 28.8 0.0 0.0
58 65.0 60.1 90.1

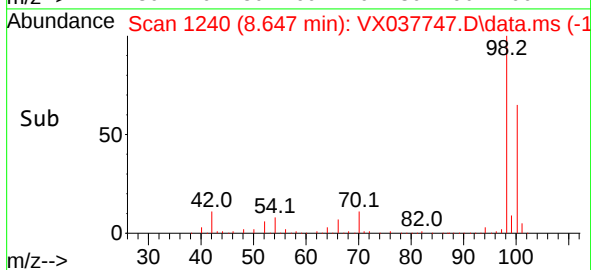
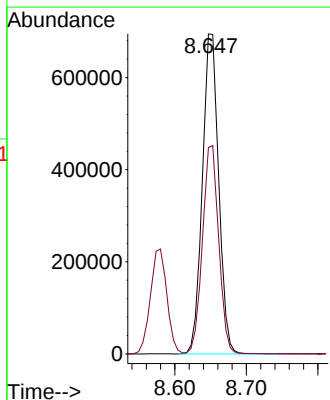
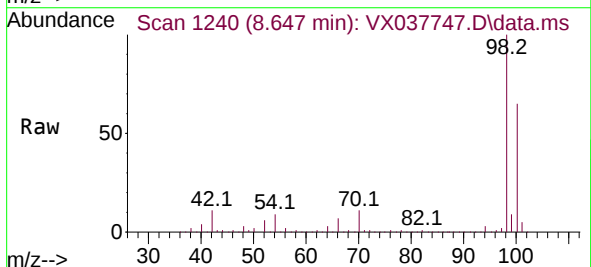
Manual Integrations
APPROVED

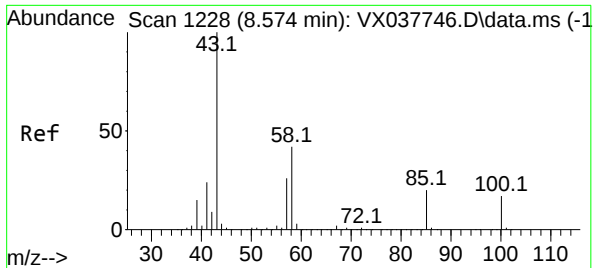
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#50
Toluene-d8
Concen: 102.933 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 98 Resp: 1102272
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





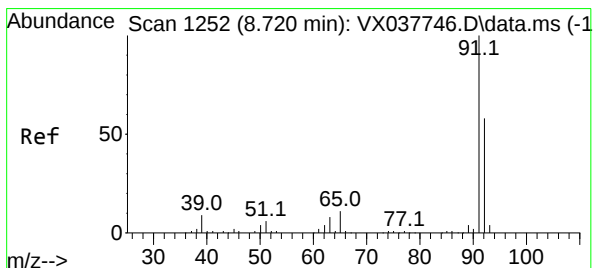
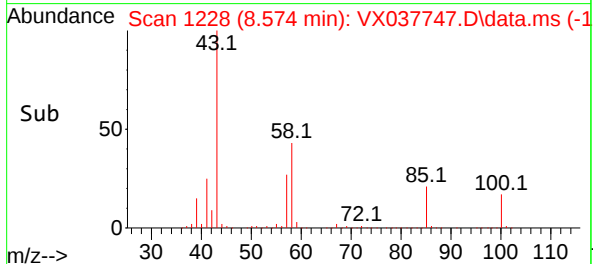
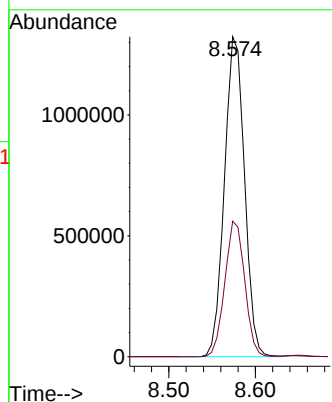
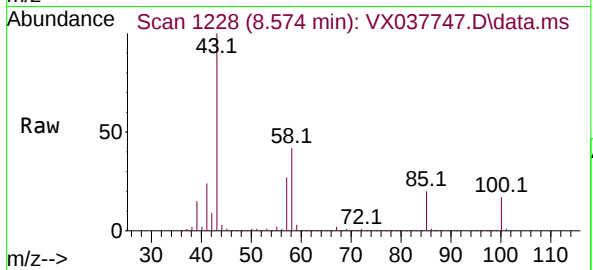
#51
4-Methyl-2-Pentanone
Concen: 481.795 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 213336
Ion Ratio Lower Upper
43 100
58 41.9 30.4 45.6

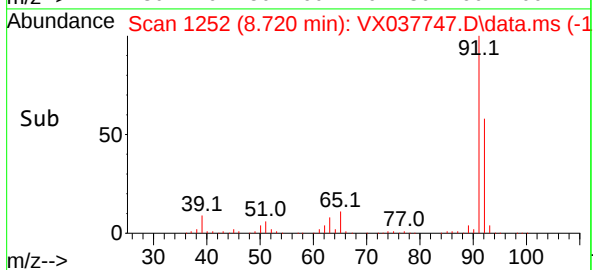
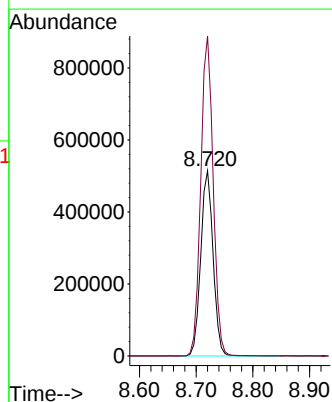
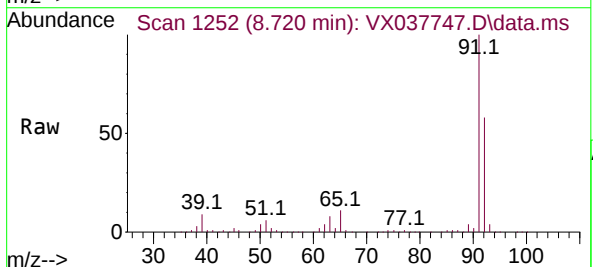
Manual Integrations
APPROVED

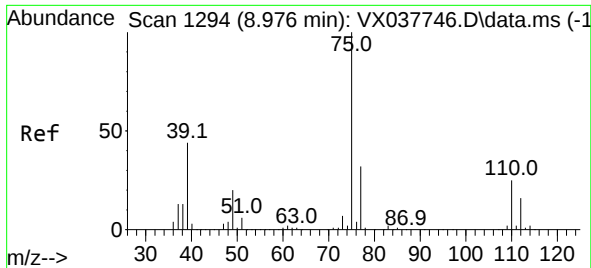
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#52
Toluene
Concen: 98.427 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion: 92 Resp: 774453
Ion Ratio Lower Upper
92 100
91 174.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 112.003 ug/l

RT: 8.976 min Scan# 11294

Delta R.T. -0.012 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 489702

Ion Ratio Lower Upper

75 100

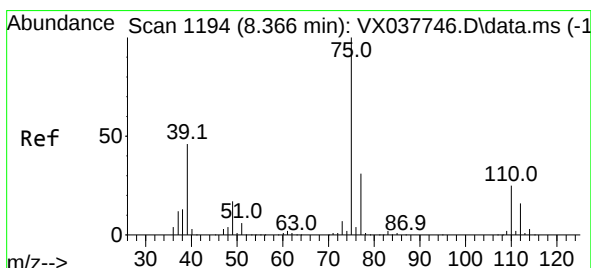
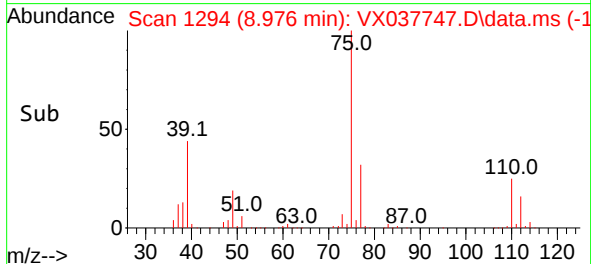
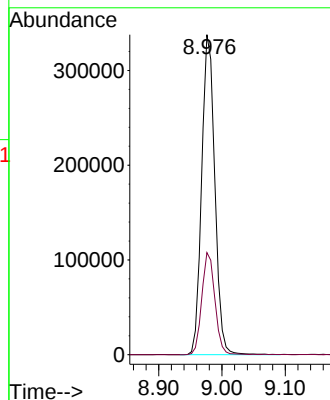
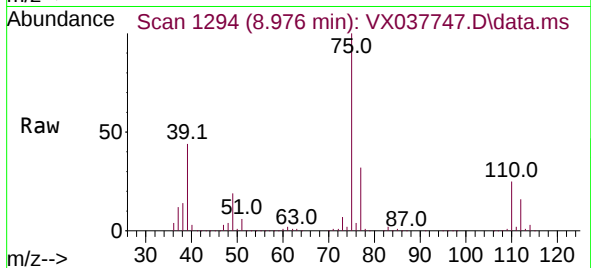
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#54

cis-1,3-Dichloropropene

Concen: 105.953 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

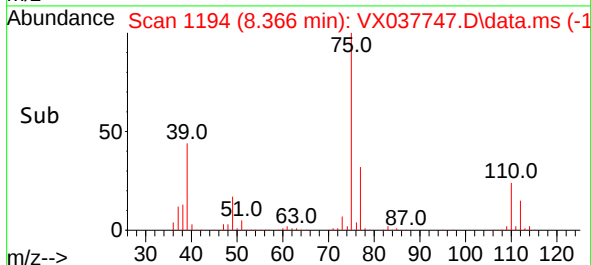
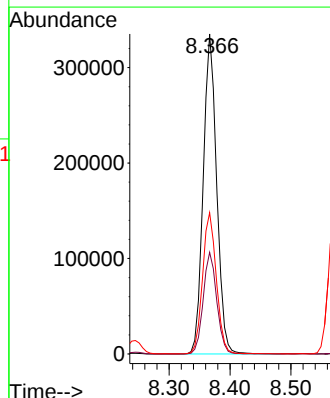
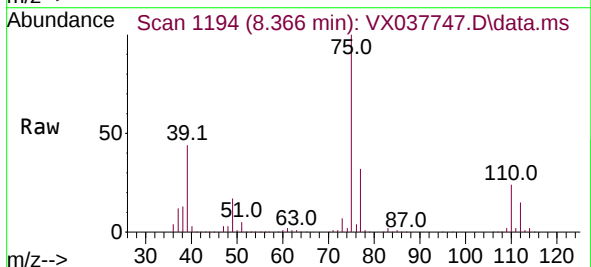
Tgt Ion: 75 Resp: 515017

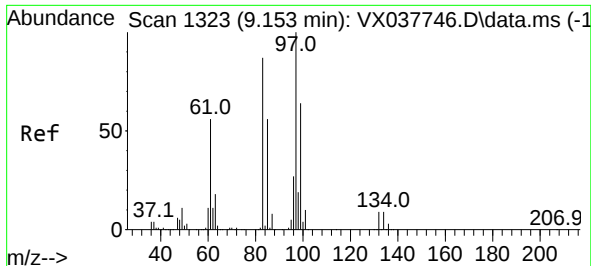
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

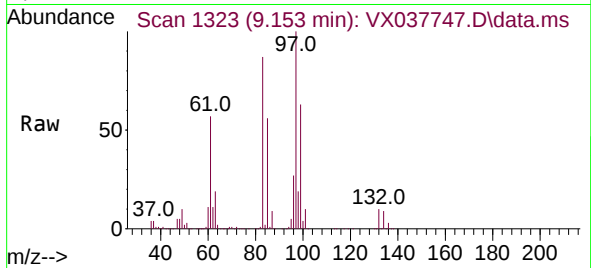
39 44.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 99.087 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

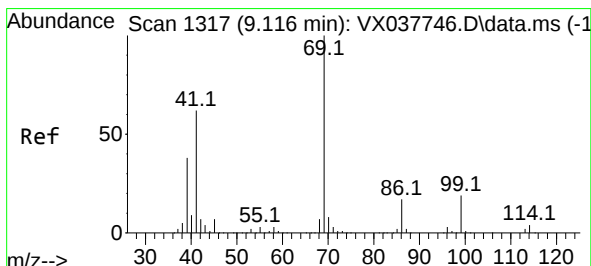
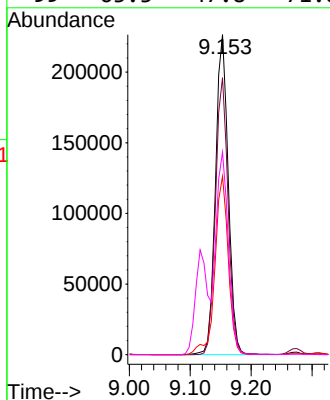
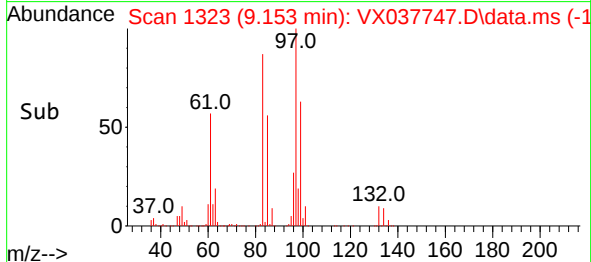
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



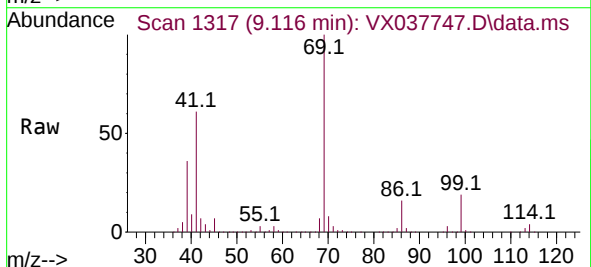
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.8	98.8
85	55.7	41.6	62.4
99	63.3	47.8	71.8

Manual Integrations
APPROVED

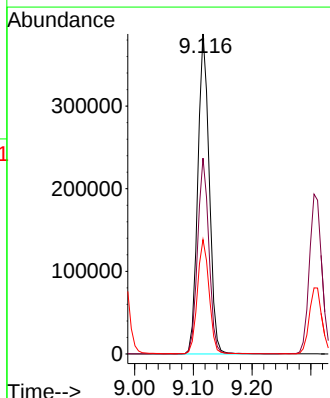
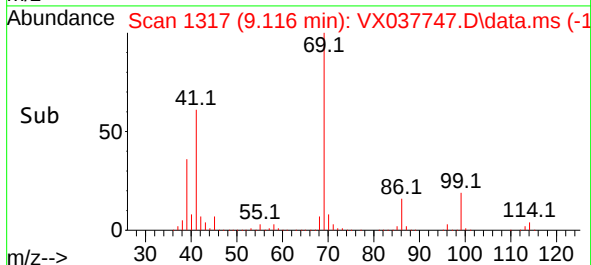
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

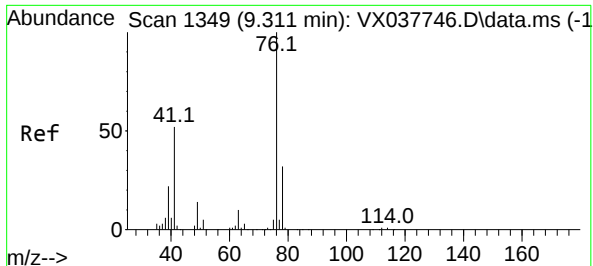


#56
Ethyl methacrylate
Concen: 105.624 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.5	56.8	85.2
39	36.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 97.458 ug/l

RT: 9.311 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 523172

Ion Ratio Lower Upper

76 100

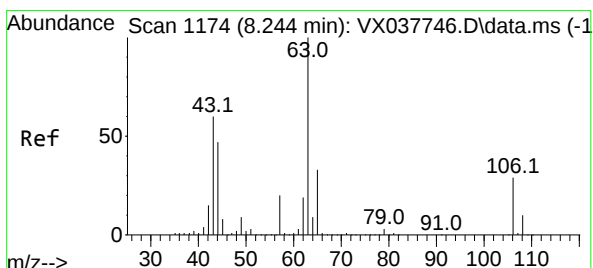
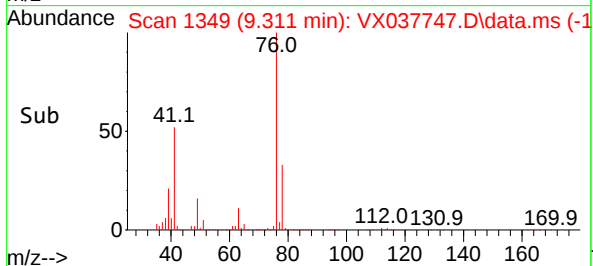
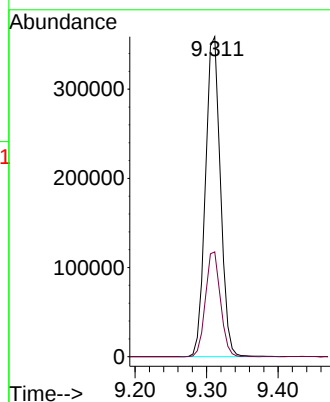
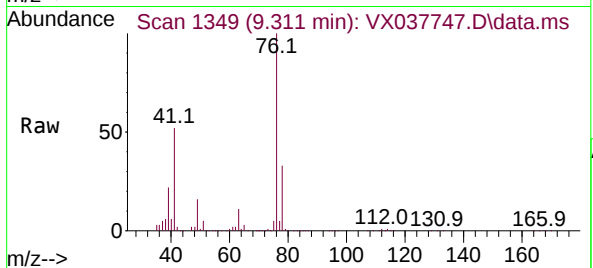
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 496.575 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037747.D

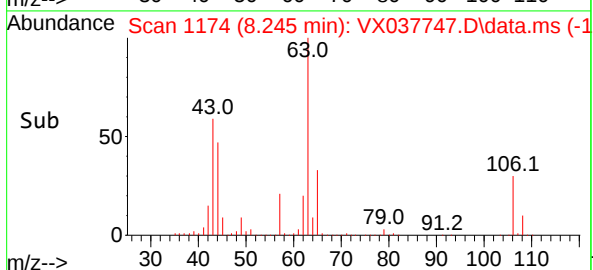
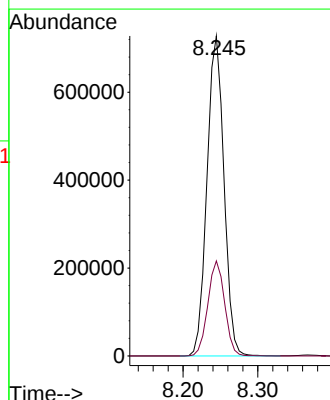
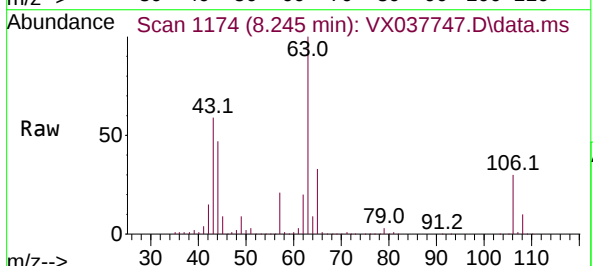
Acq: 15 Sep 2023 11:00

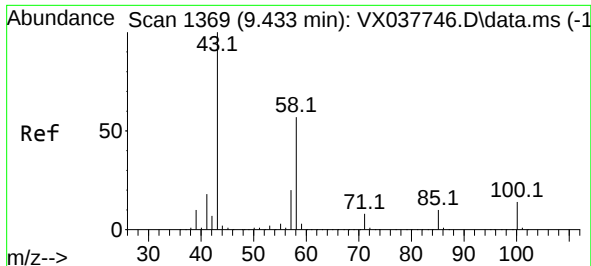
Tgt Ion: 63 Resp: 1148355

Ion Ratio Lower Upper

63 100

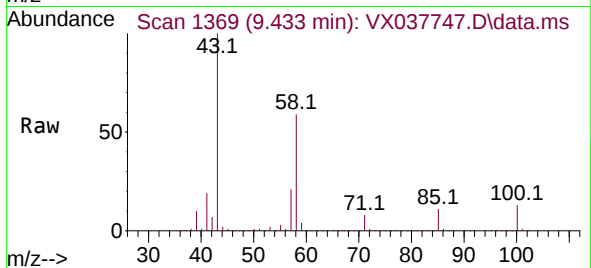
106 29.4 22.5 33.7





#59
2-Hexanone
Concen: 486.557 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

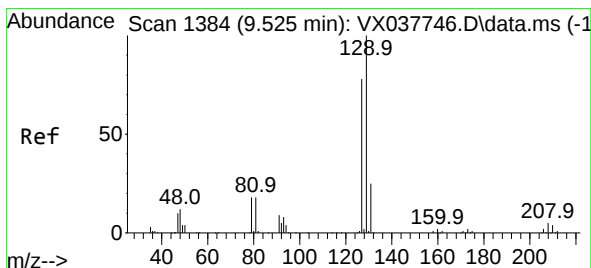
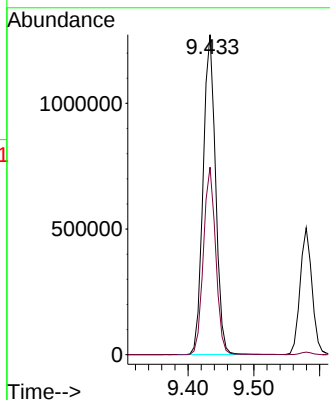
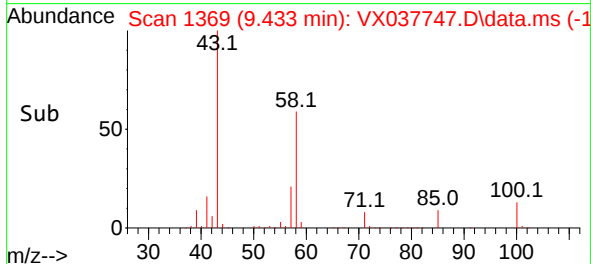
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1677462
Ion Ratio Lower Upper
43 100
58 57.9 26.2 78.5

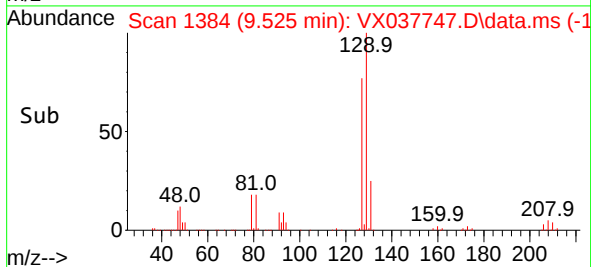
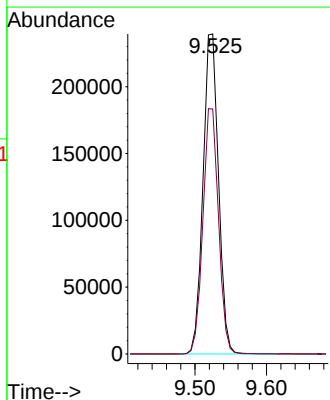
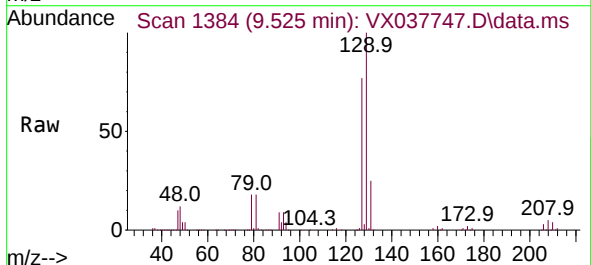
Manual Integrations
APPROVED

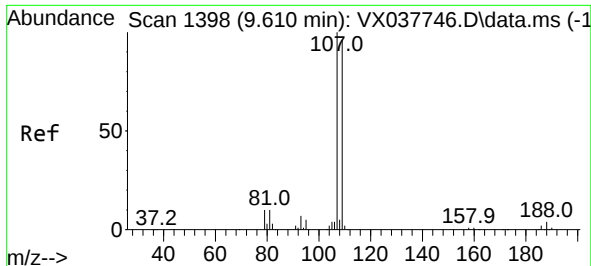
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#60
Dibromochloromethane
Concen: 108.992 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

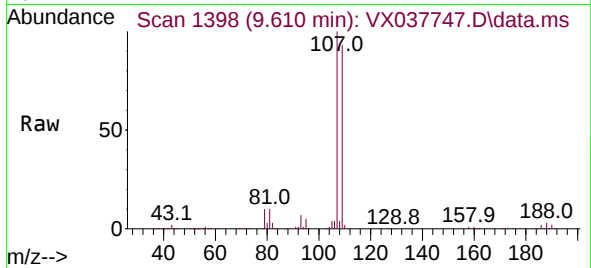
Tgt Ion:129 Resp: 360190
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 102.372 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

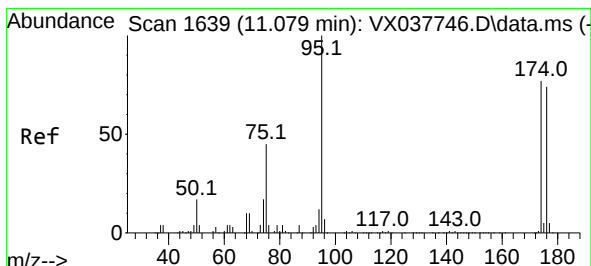
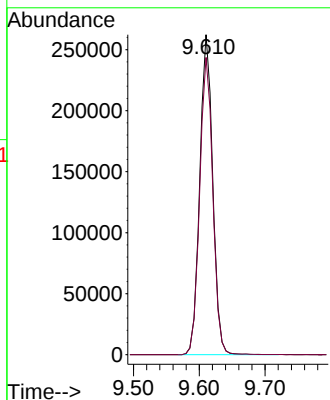
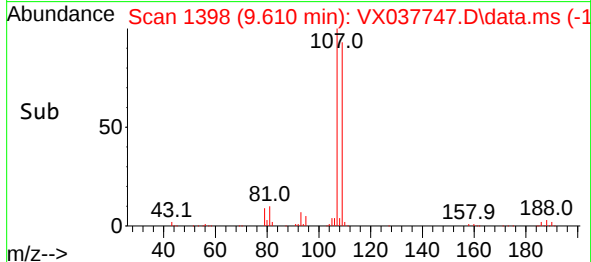
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



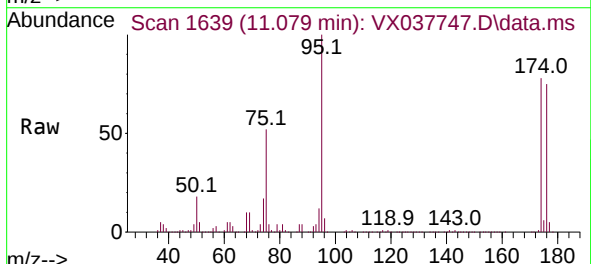
Tgt Ion:107 Resp: 359568
Ion Ratio Lower Upper
107 100
109 94.1 75.2 112.8

Manual Integrations
APPROVED

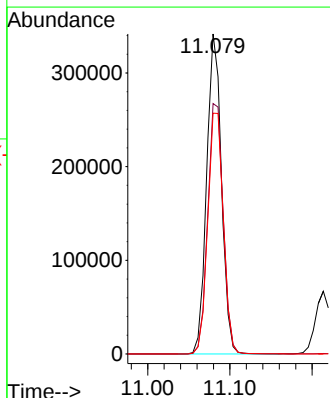
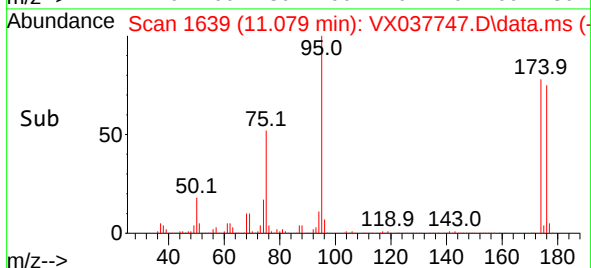
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

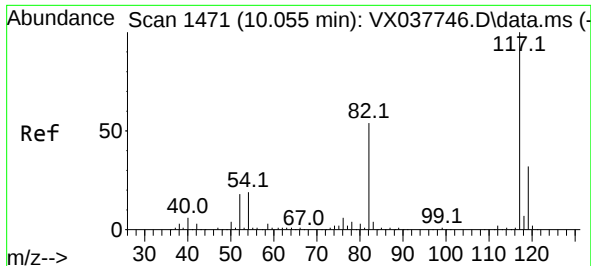


#62
4-Bromofluorobenzene
Concen: 109.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



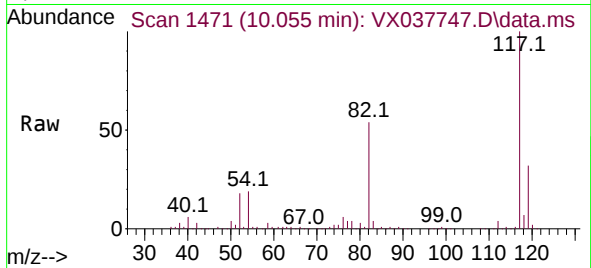
Tgt Ion: 95 Resp: 426405
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

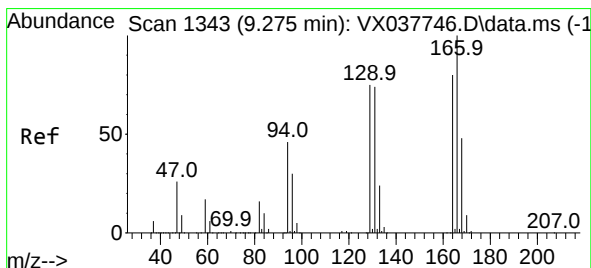
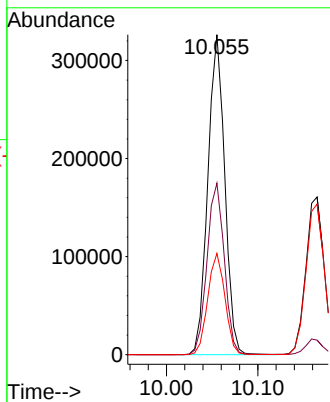
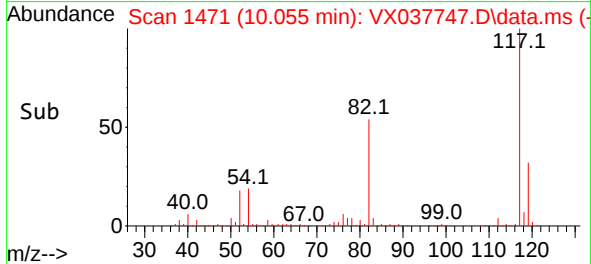
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 41762
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.7 25.5 38.3

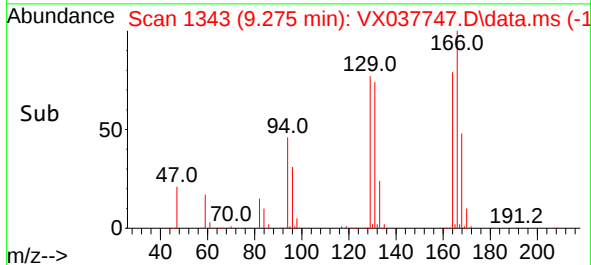
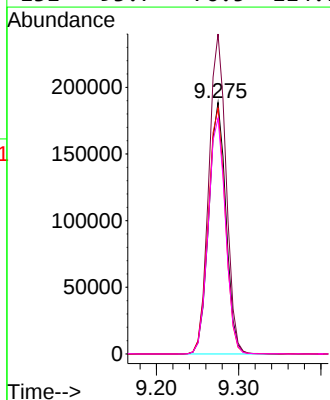
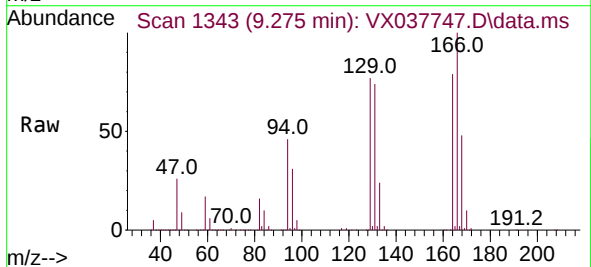
Manual Integrations
APPROVED

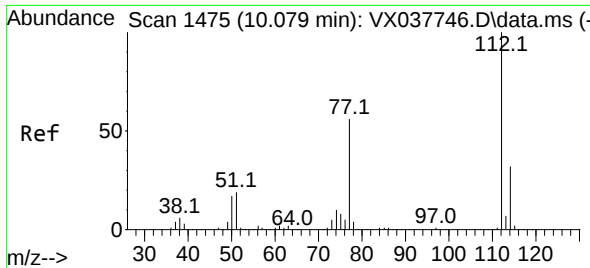
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 95.575 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion:164 Resp: 272211
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 97.7 80.4 120.6
131 93.7 76.5 114.7





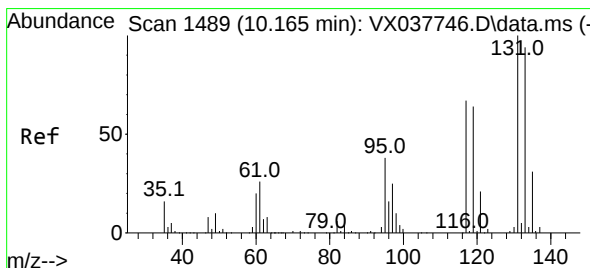
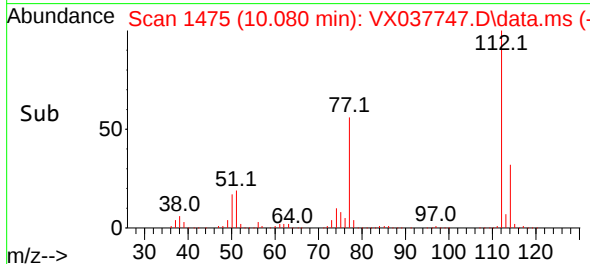
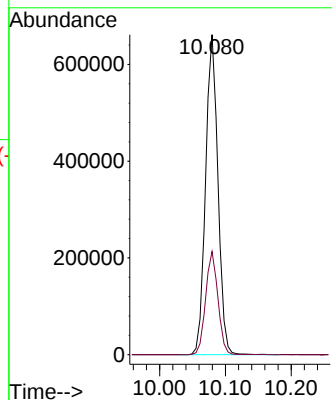
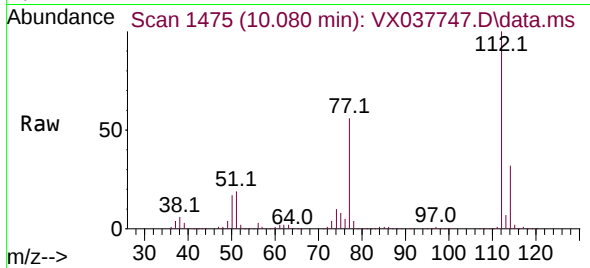
#65
Chlorobenzene
Concen: 95.779 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 86280
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

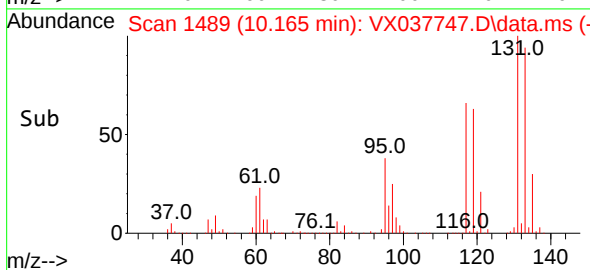
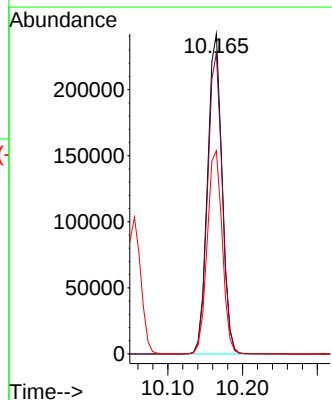
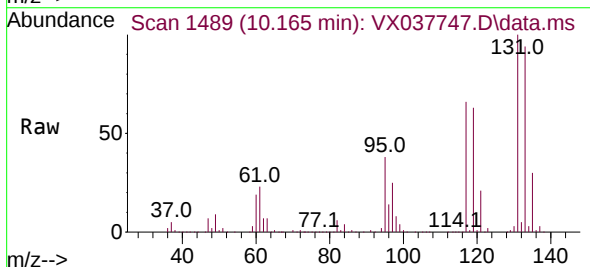
Manual Integrations
APPROVED

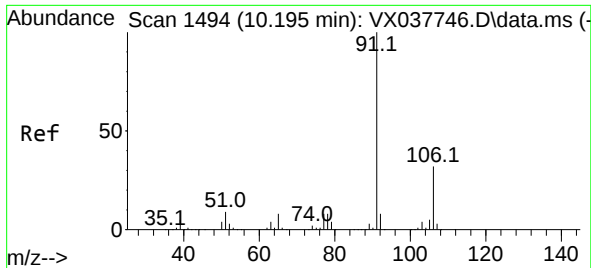
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 102.363 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

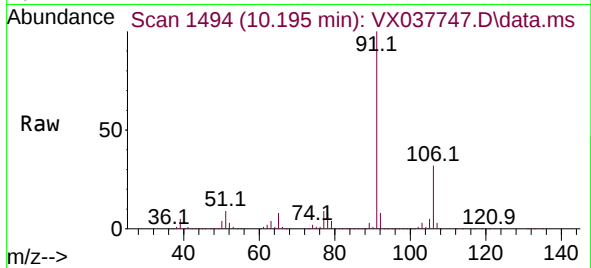
Tgt Ion:131 Resp: 326779
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 98.057 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

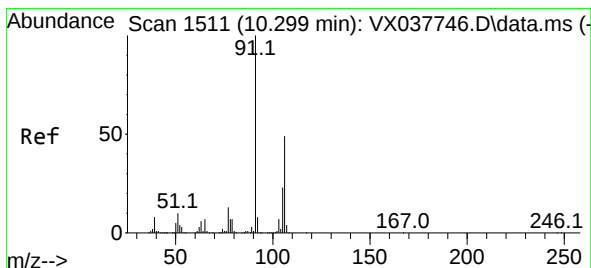
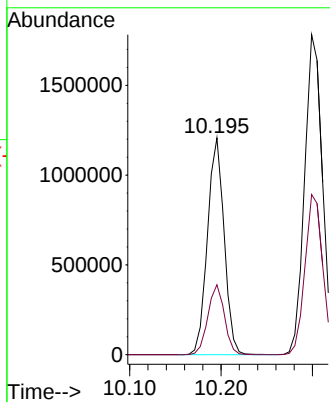
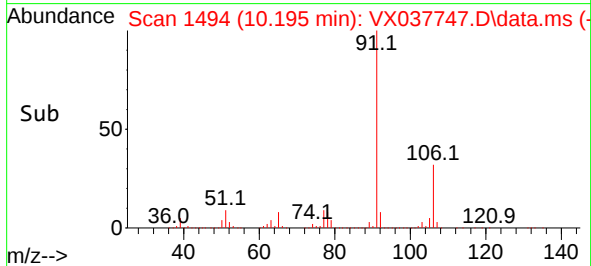
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



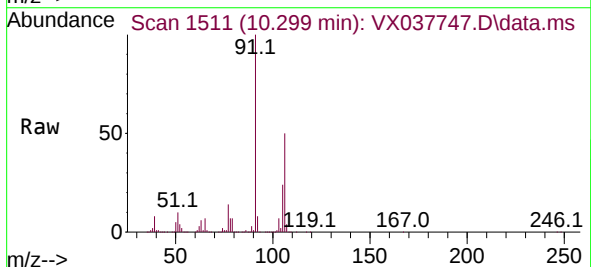
Tgt Ion: 91 Resp: 1531460
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

Manual Integrations
APPROVED

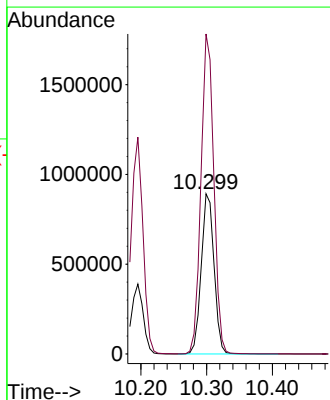
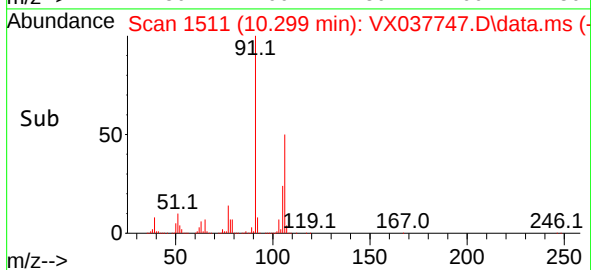
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

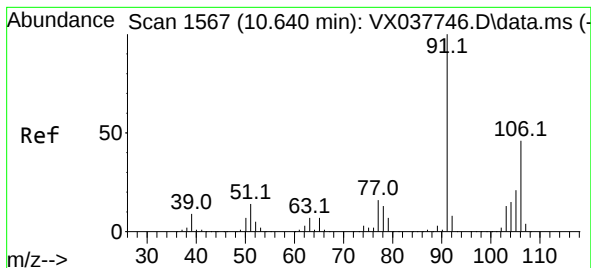


#68
m/p-Xylenes
Concen: 199.956 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



Tgt Ion:106 Resp: 1206742
Ion Ratio Lower Upper
106 100
91 200.4 165.5 248.3





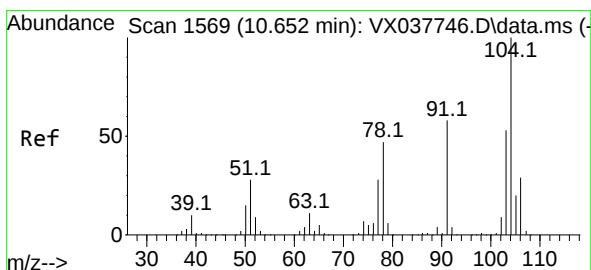
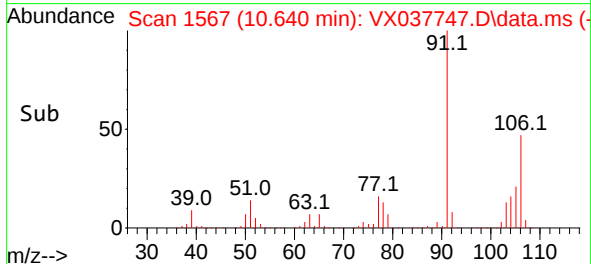
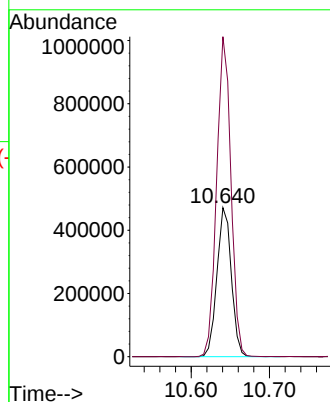
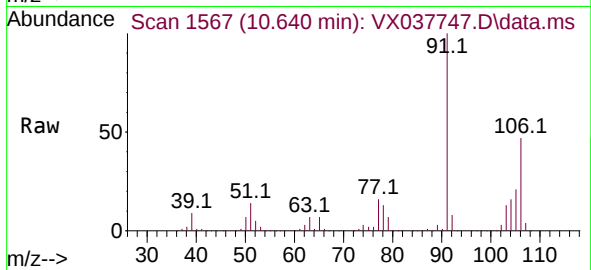
#69
o-Xylene
Concen: 99.617 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 60286
Ion Ratio Lower Upper
106 100
91 212.9 108.9 326.8

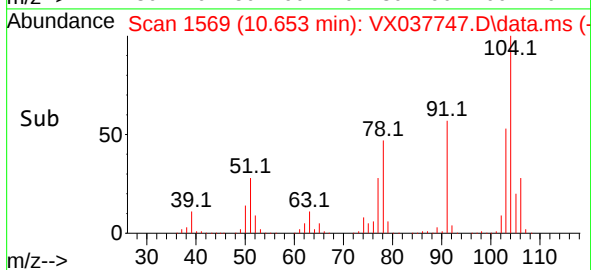
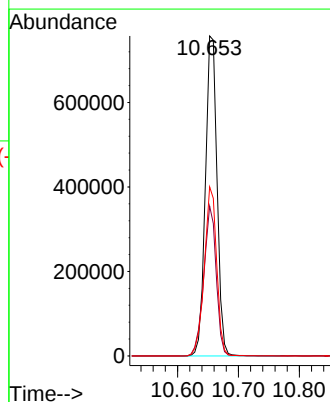
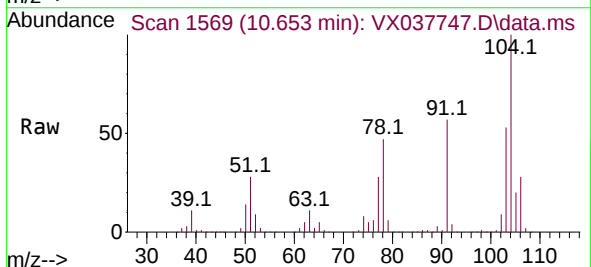
Manual Integrations
APPROVED

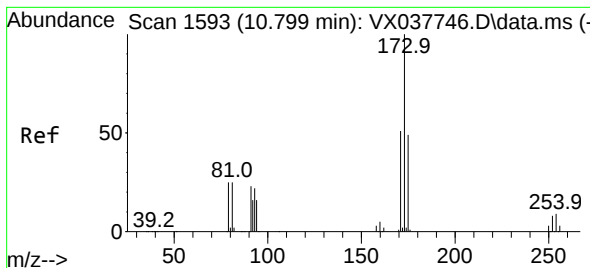
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 104.160 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Tgt Ion:104 Resp: 1011970
Ion Ratio Lower Upper
104 100
78 49.9 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 111.285 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:173 Resp: 280290

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

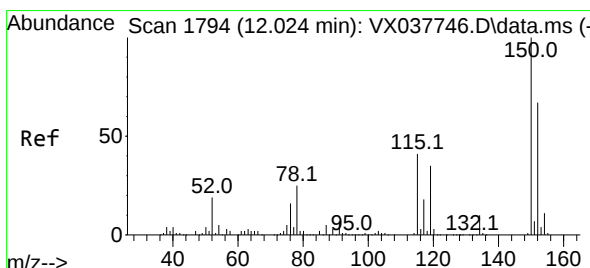
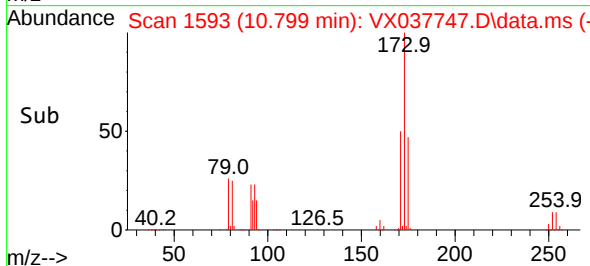
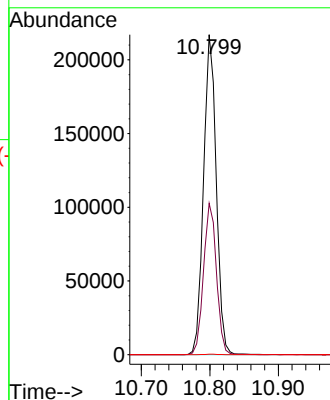
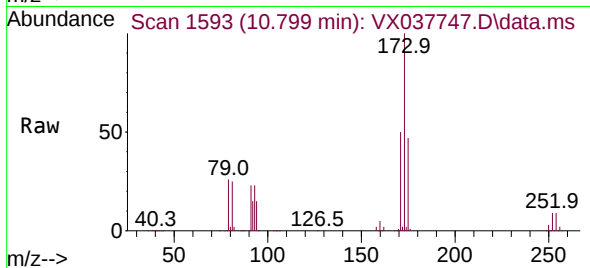
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

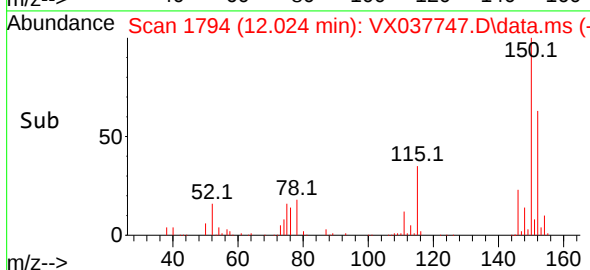
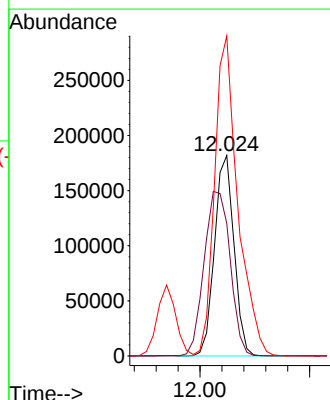
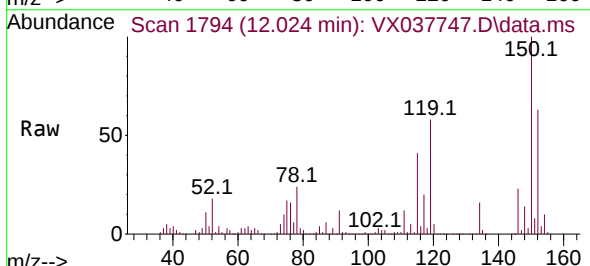
Tgt Ion:152 Resp: 223917

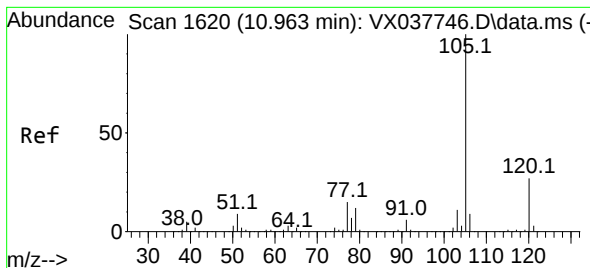
Ion Ratio Lower Upper

152 100

115 109.9 43.3 129.9

150 190.2 0.0 345.0





#73

Isopropylbenzene

Concen: 95.175 ug/l

RT: 10.964 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 156349

Ion Ratio Lower Upper

105 100

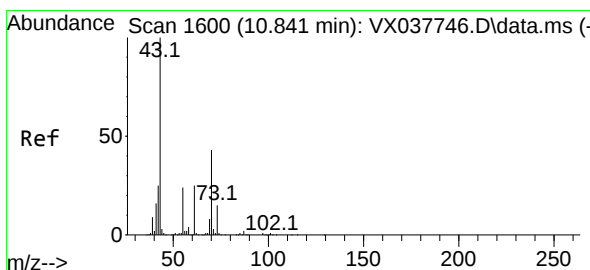
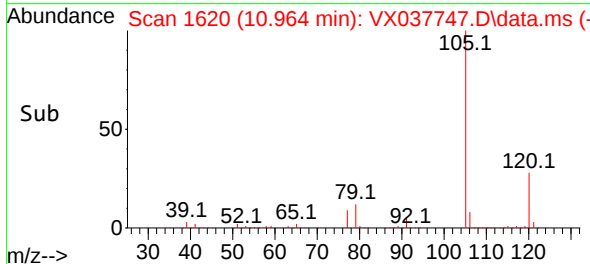
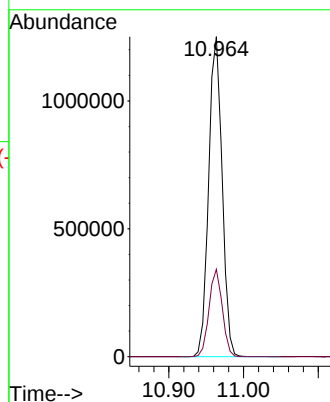
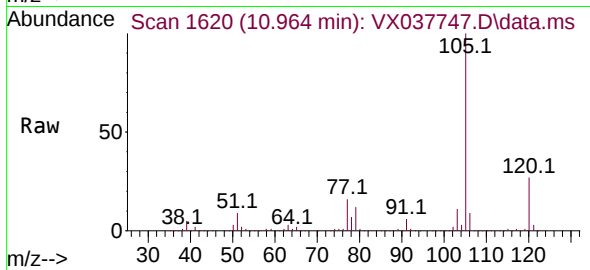
120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#74

N-ethyl acetate

Concen: 97.389 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Tgt Ion: 43 Resp: 647928

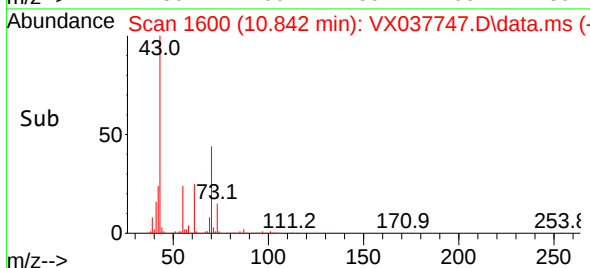
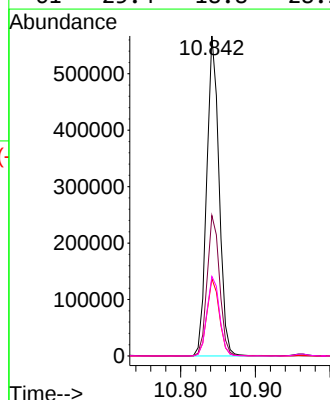
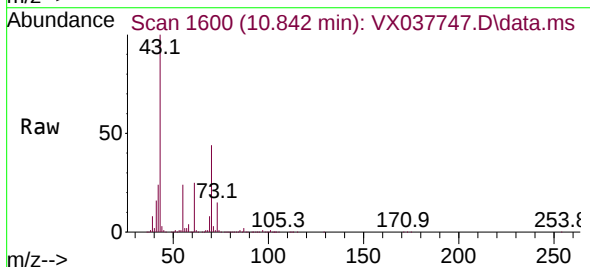
Ion Ratio Lower Upper

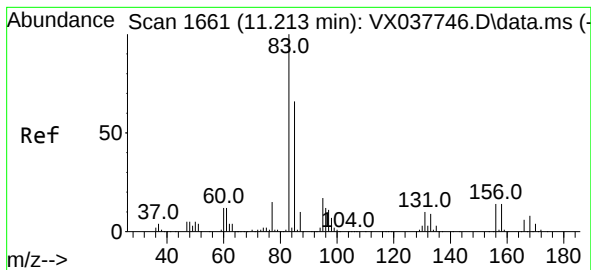
43 100

70 44.5 32.9 49.3

55 24.4 19.3 28.9

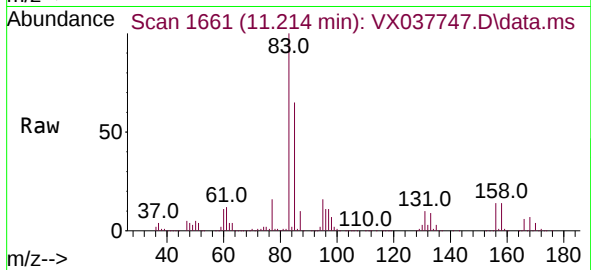
61 25.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 91.217 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

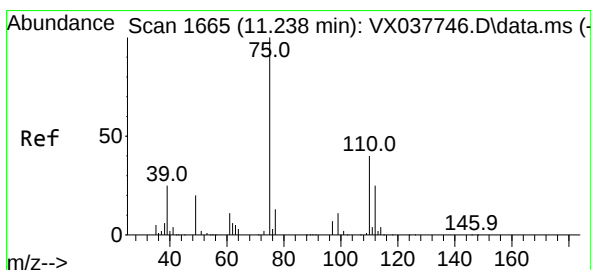
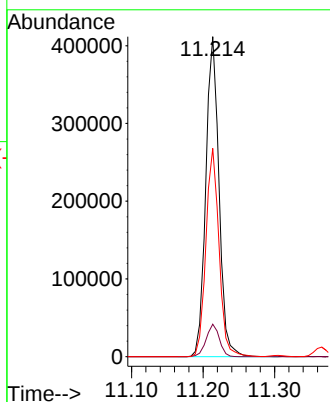
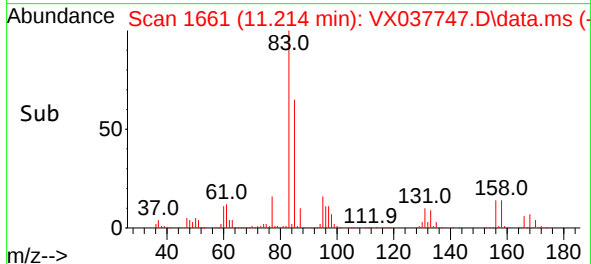
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



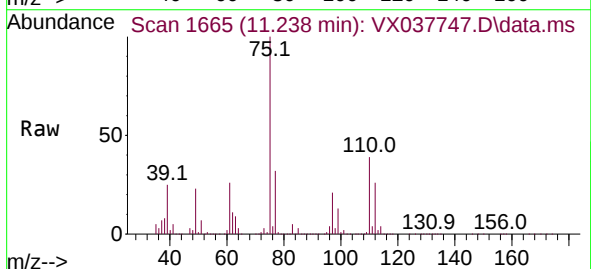
Tgt Ion: 83 Resp: 527000
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.8 32.0 96.2

Manual Integrations
APPROVED

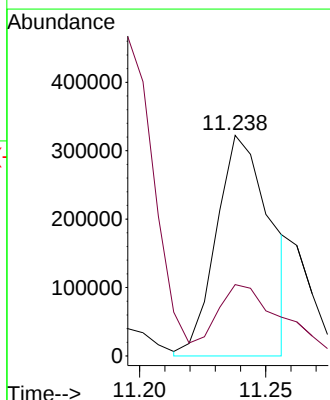
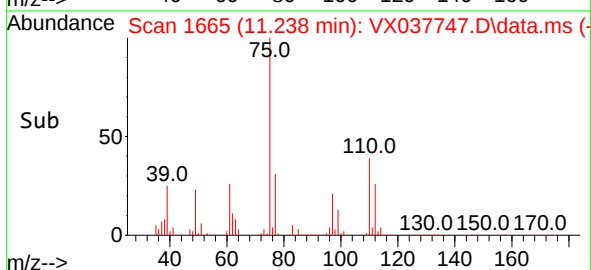
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

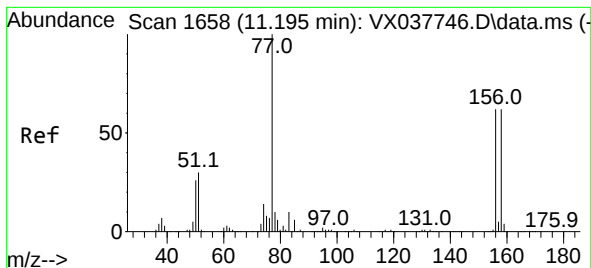


#76
1,2,3-Trichloropropane
Concen: 87.577 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



Tgt Ion: 75 Resp: 479902
Ion Ratio Lower Upper
75 100
77 39.4 19.1 57.5





#77

Bromobenzene

Concen: 95.120 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

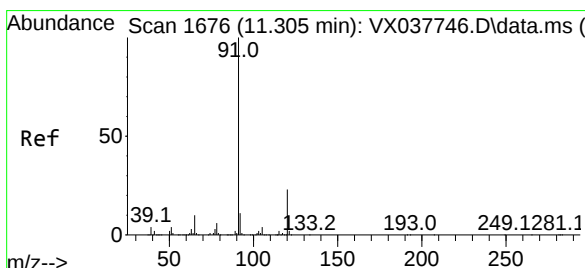
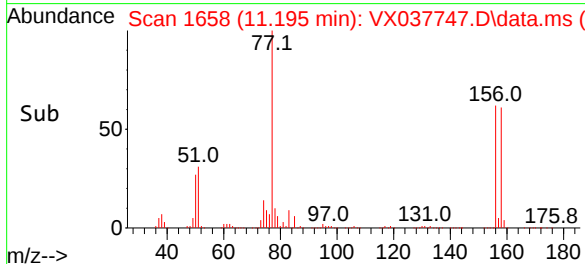
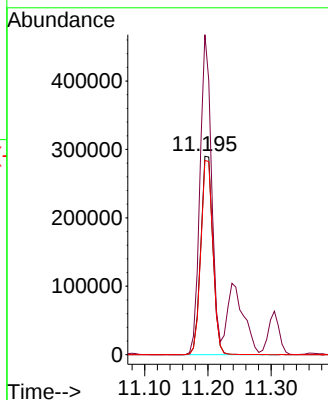
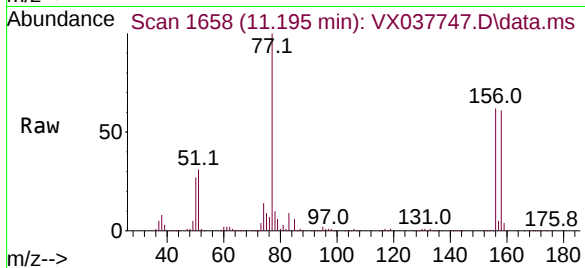
Tgt Ion:	156	Resp:	386764
Ion Ratio	Lower	Upper	
156	100		
77	153.6	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 99.410 ug/l

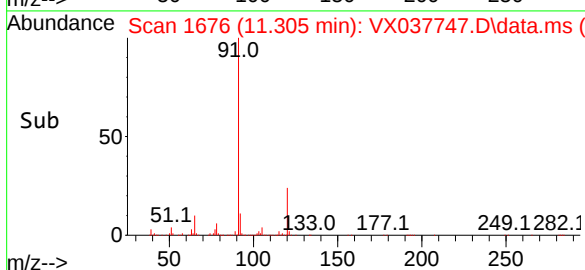
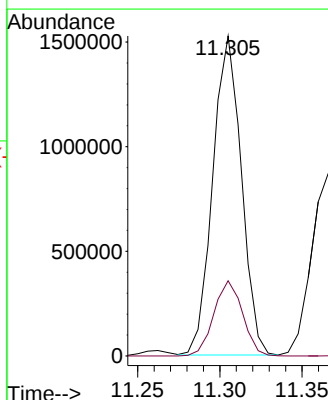
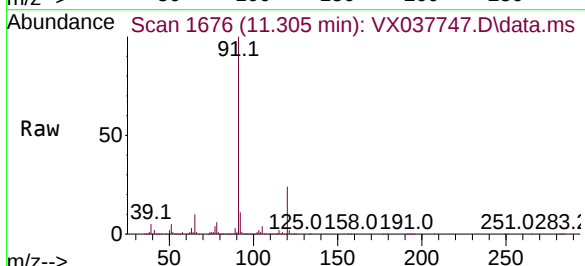
RT: 11.305 min Scan# 1676

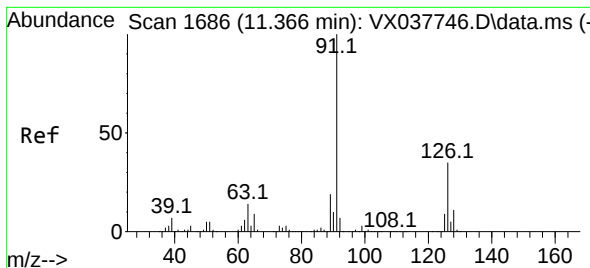
Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

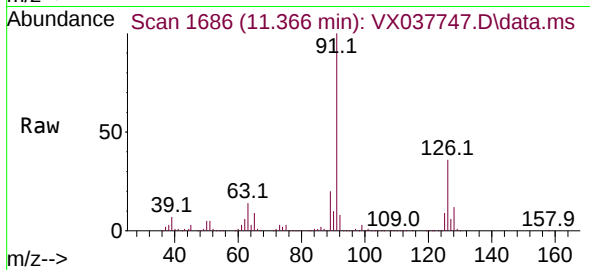
Tgt Ion:	91	Resp:	1844312
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 94.695 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

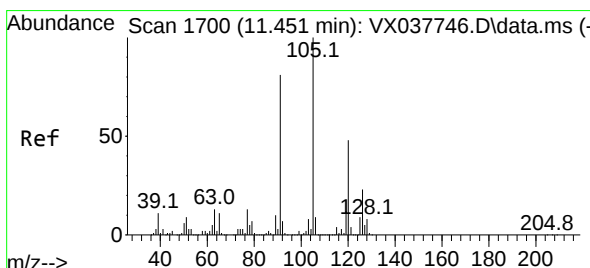
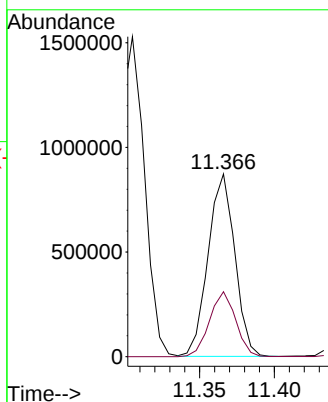
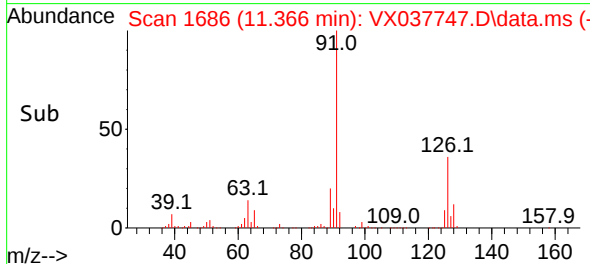
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



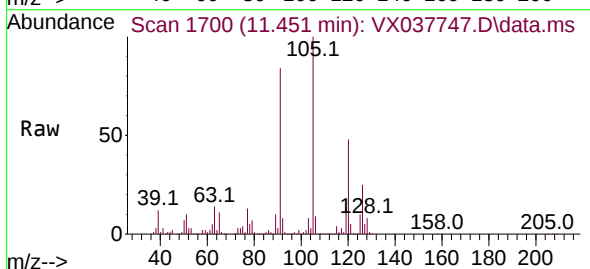
Tgt Ion: 91 Resp: 1083249
Ion Ratio Lower Upper
91 100
126 34.9 16.3 48.8

Manual Integrations
APPROVED

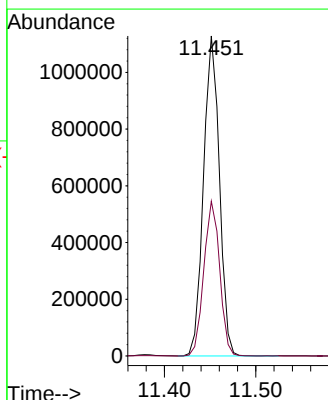
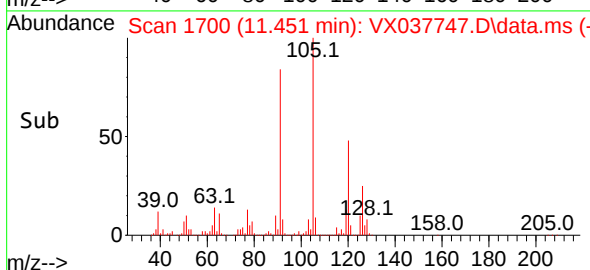
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

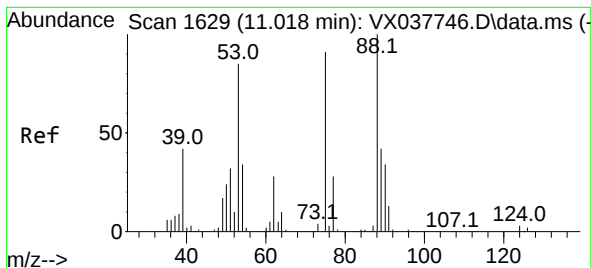


#80
1,3,5-Trimethylbenzene
Concen: 97.675 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



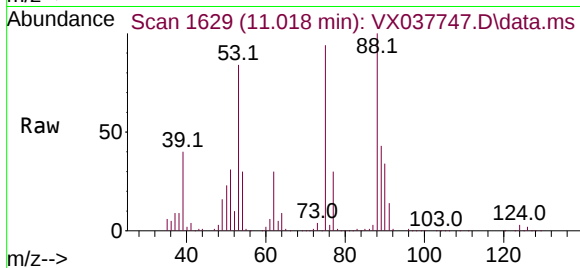
Tgt Ion:105 Resp: 1355057
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 108.107 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

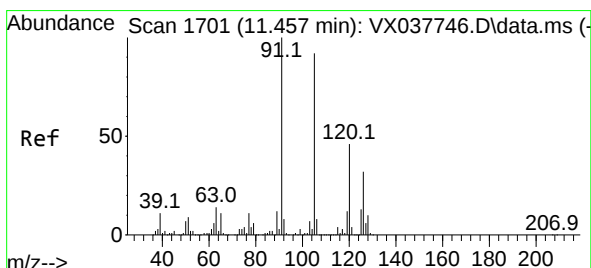
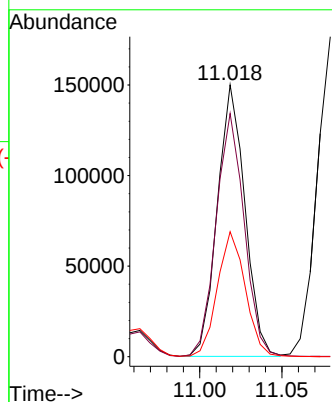
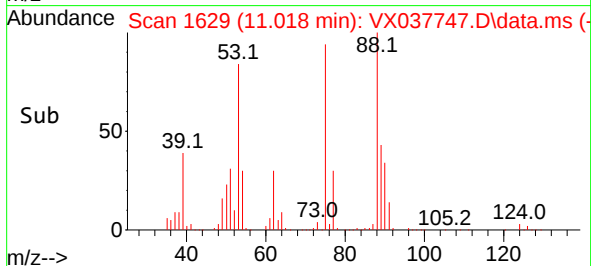
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 174780
Ion Ratio Lower Upper
75 100
53 91.2 90.5 135.7
89 46.6 36.9 55.3

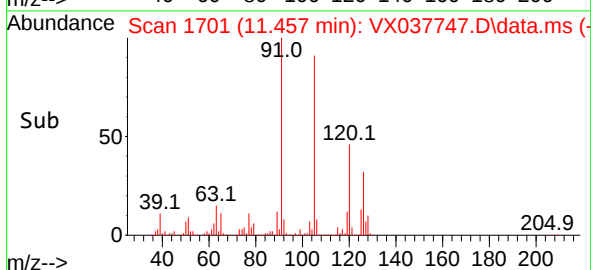
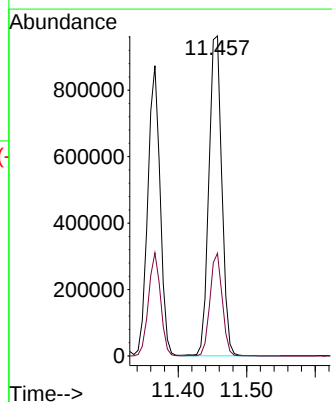
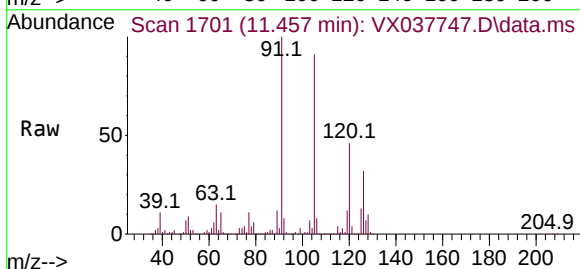
Manual Integrations
APPROVED

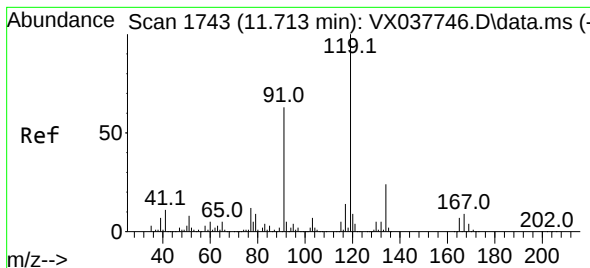
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 98.443 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

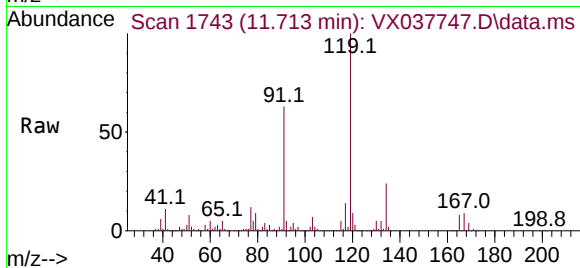
Tgt Ion: 91 Resp: 1267794
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83
tert-Butylbenzene
Concen: 95.424 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

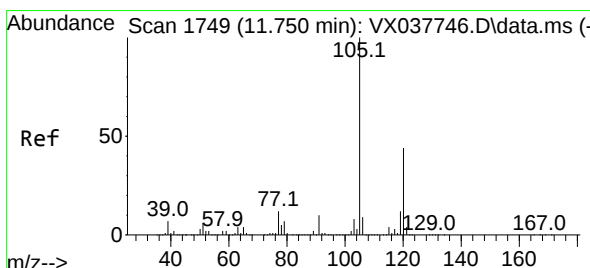
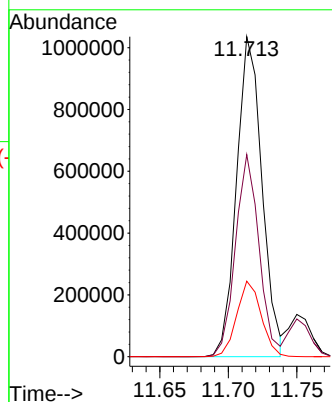
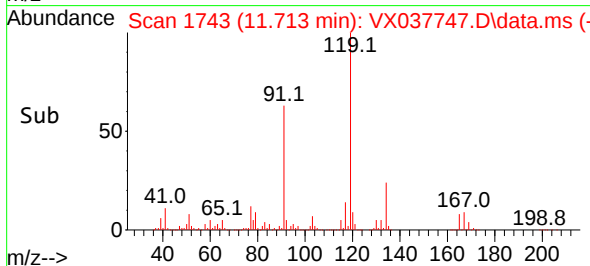
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 1337960
Ion Ratio Lower Upper
119 100
91 58.8 31.2 93.6
134 22.7 11.7 35.0

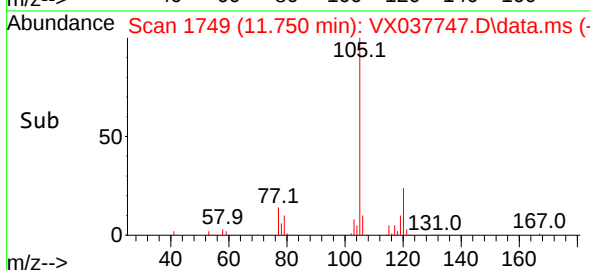
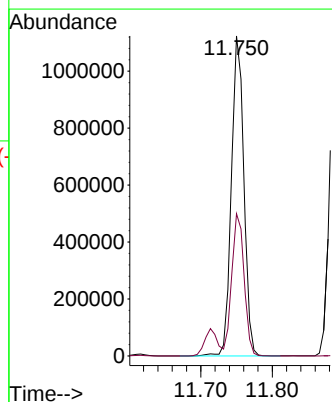
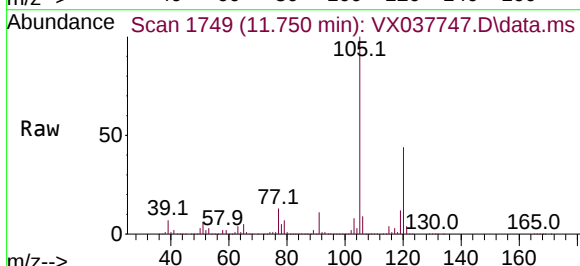
Manual Integrations
APPROVED

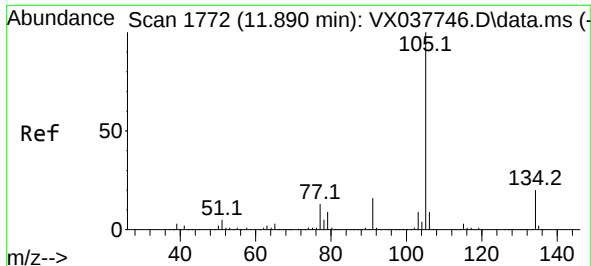
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 98.388 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

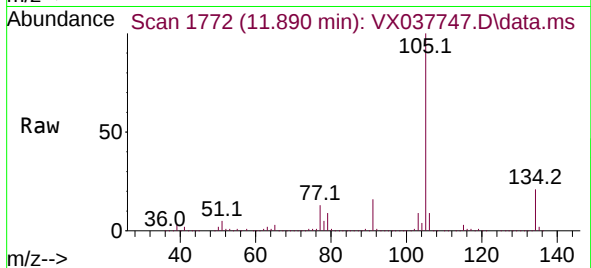
Tgt Ion:105 Resp: 1358056
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 98.902 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037747.D
 Acq: 15 Sep 2023 11:00

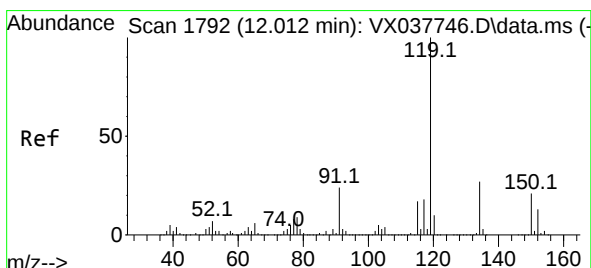
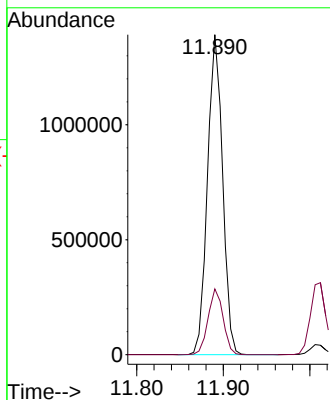
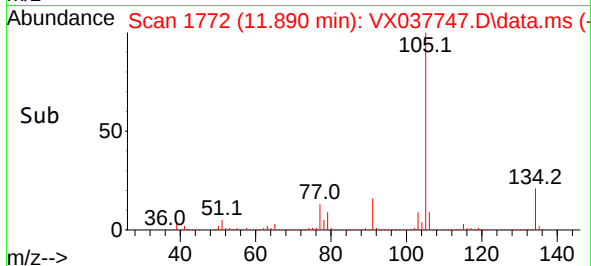
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



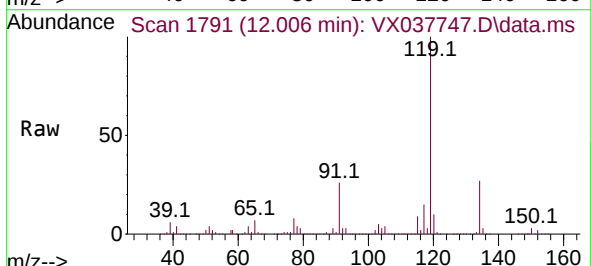
Tgt Ion:105 Resp: 168237
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations
 APPROVED

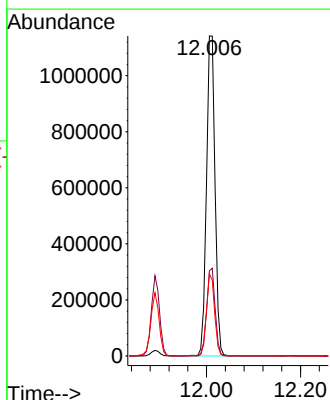
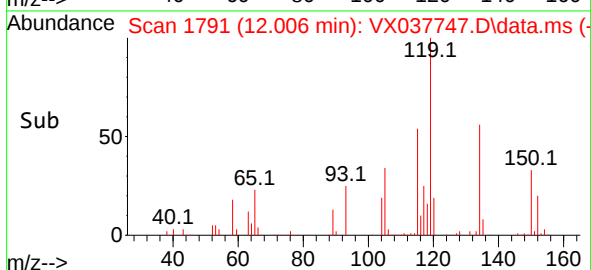
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

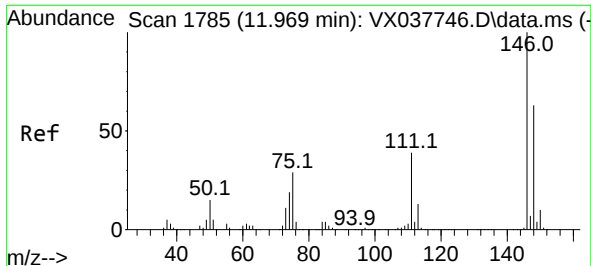


#86
 p-Isopropyltoluene
 Concen: 101.078 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037747.D
 Acq: 15 Sep 2023 11:00



Tgt Ion:119 Resp: 1430230
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 24.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 96.604 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 73220

Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.1

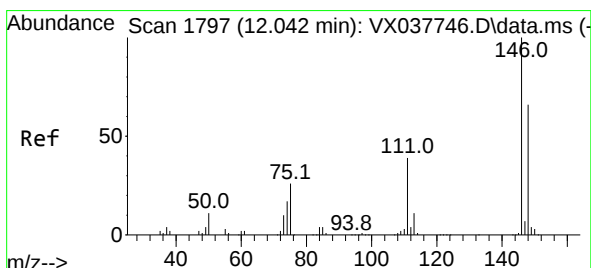
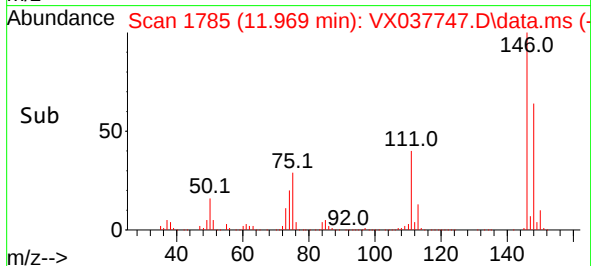
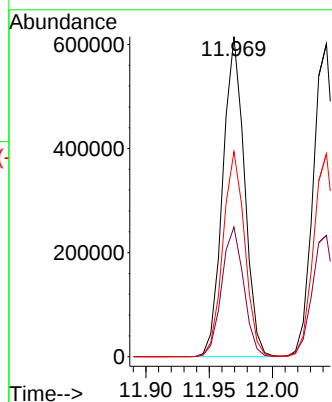
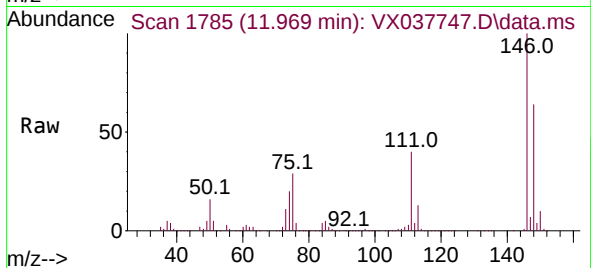
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#88

1,4-Dichlorobenzene

Concen: 95.798 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

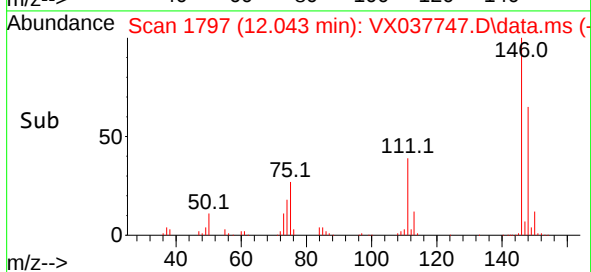
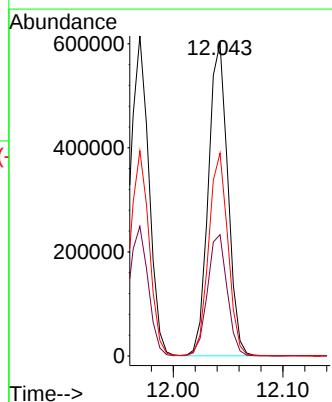
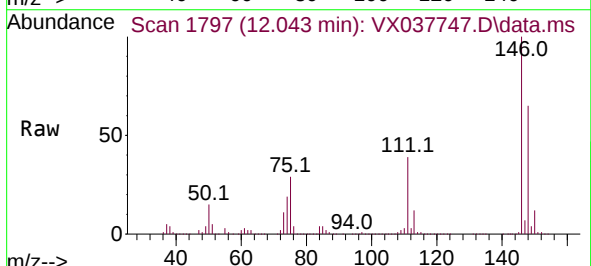
Tgt Ion:146 Resp: 740843

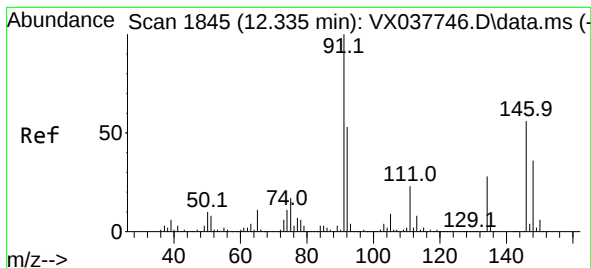
Ion Ratio Lower Upper

146 100

111 39.4 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 106.823 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037747.D

Acq: 15 Sep 2023 11:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 132625

Ion Ratio Lower Upper

91 100

92 52.8 27.4 82.0

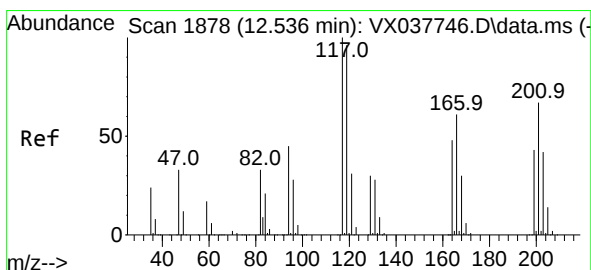
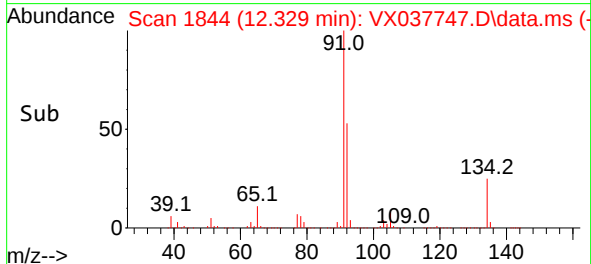
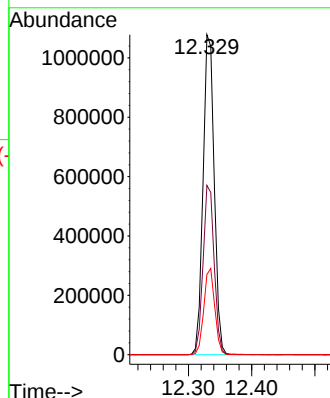
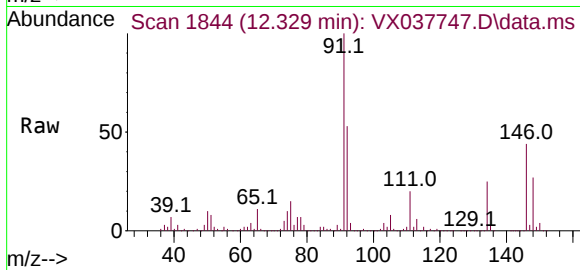
134 26.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#90

Hexachloroethane

Concen: 106.722 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037747.D

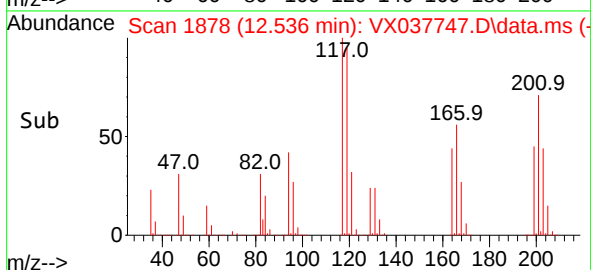
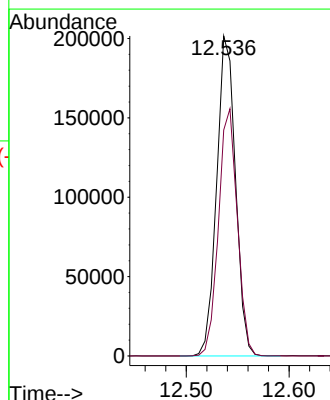
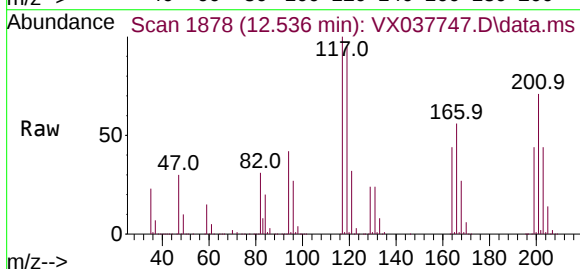
Acq: 15 Sep 2023 11:00

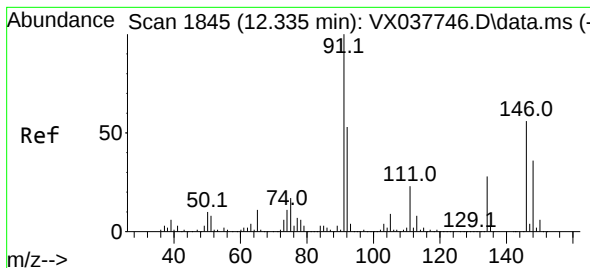
Tgt Ion:117 Resp: 256269

Ion Ratio Lower Upper

117 100

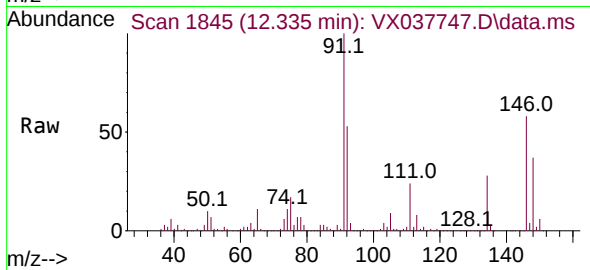
201 77.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 94.139 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

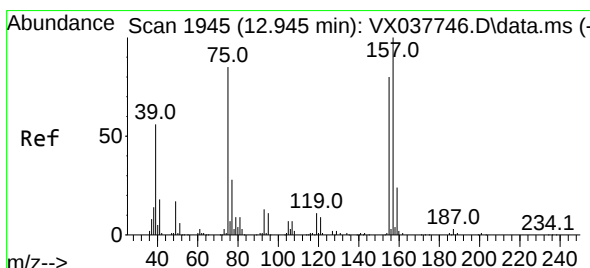
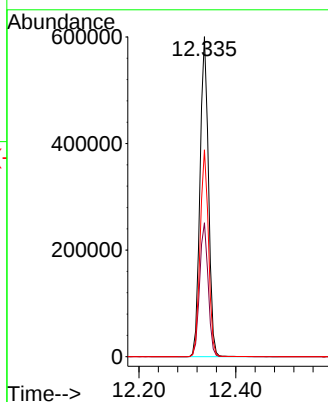
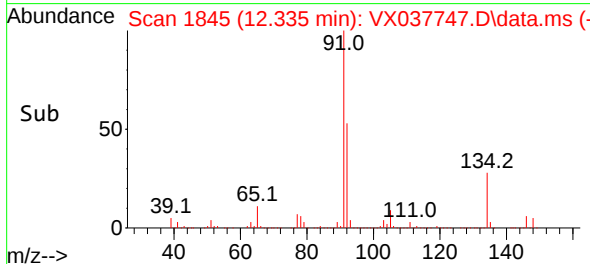
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



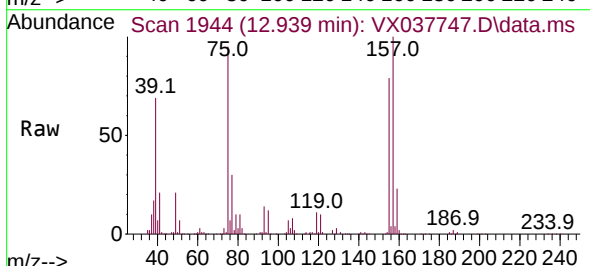
Tgt Ion:146 Resp: 728498
Ion Ratio Lower Upper
146 100
111 41.9 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
APPROVED

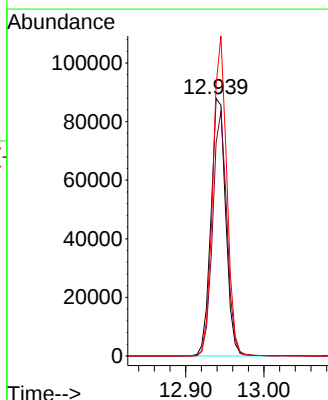
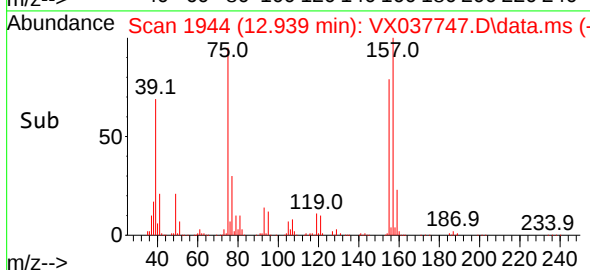
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

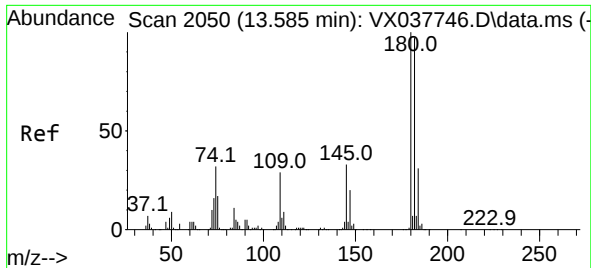


#92
1,2-Dibromo-3-Chloropropane
Concen: 100.253 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



Tgt Ion: 75 Resp: 115458
Ion Ratio Lower Upper
75 100
155 90.9 36.1 108.5
157 116.8 44.9 134.7





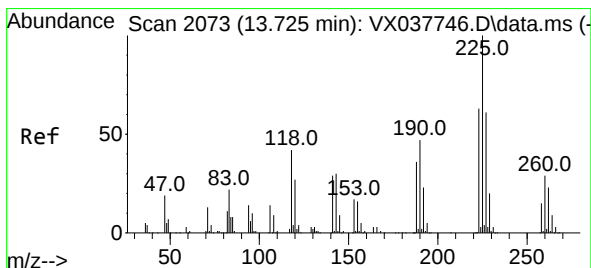
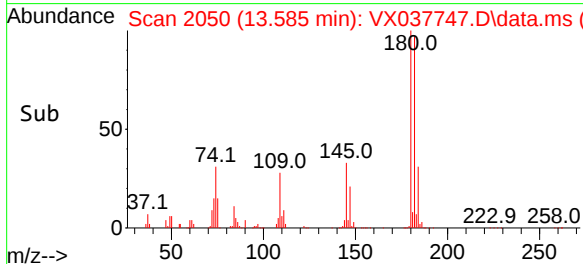
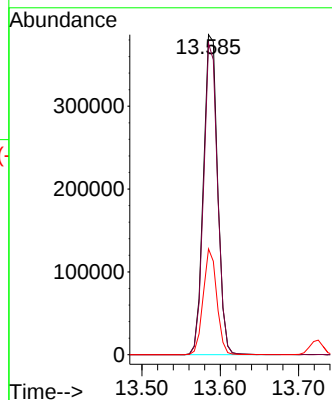
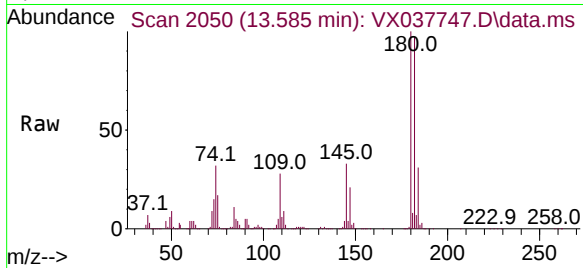
#93
1,2,4-Trichlorobenzene
Concen: 106.653 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 486160
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.8
145 31.6 18.0 54.0

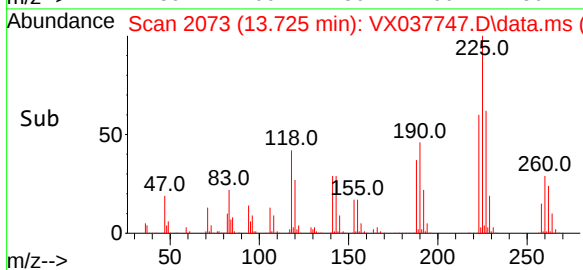
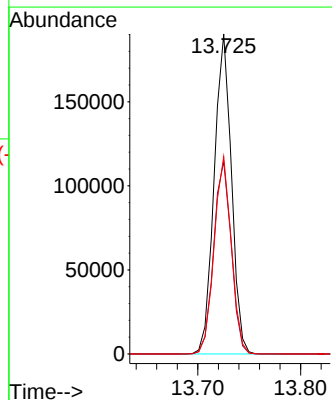
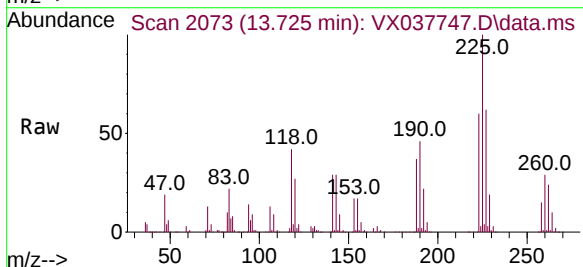
Manual Integrations
APPROVED

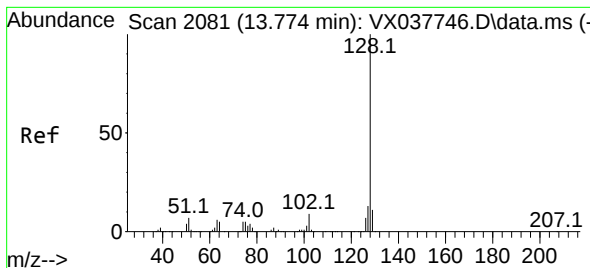
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#94
Hexachlorobutadiene
Concen: 104.141 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

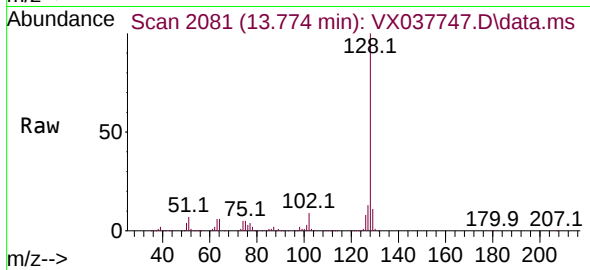
Tgt Ion:225 Resp: 221538
Ion Ratio Lower Upper
225 100
223 61.0 31.1 93.2
227 61.5 32.5 97.5





#95
Naphthalene
Concen: 101.968 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00

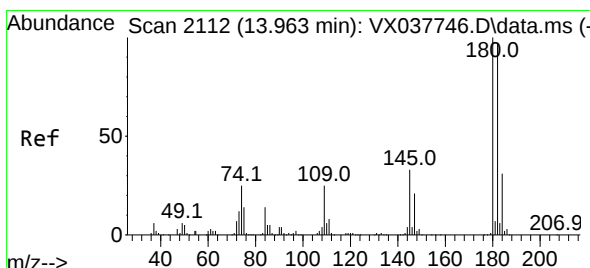
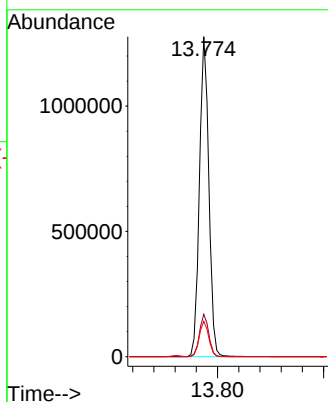
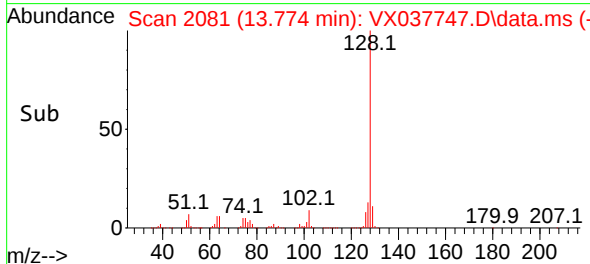
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



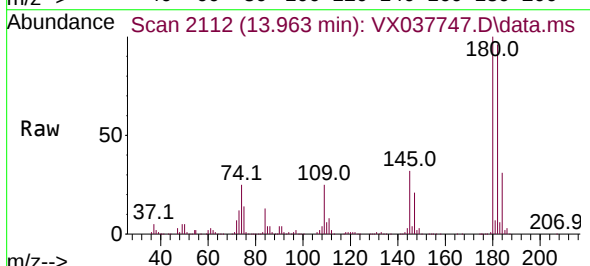
Tgt Ion:128 Resp: 157197
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 104.066 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037747.D
Acq: 15 Sep 2023 11:00



Tgt Ion:180 Resp: 488174
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 33.0 17.8 53.5

