

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037750.D
 Acq On : 15 Sep 2023 13:04
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091523

Quant Time: Sep 16 05:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 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	5.550	168	259675	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	414247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170427	49.953	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.385	113	146319	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	8.647	98	555832	53.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.940%		
62) 4-Bromofluorobenzene	11.079	95	209940	56.098	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	143347	52.373	ug/l	99
3) Chloromethane	1.300	50	146839	49.307	ug/l	96
4) Vinyl Chloride	1.374	62	161789	50.358	ug/l	99
5) Bromomethane	1.599	94	112111	48.743	ug/l	98
6) Chloroethane	1.678	64	108192	48.882	ug/l	100
7) Trichlorofluoromethane	1.886	101	271264	52.518	ug/l	100
8) Diethyl Ether	2.130	74	98765	49.355	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	139466	53.205	ug/l	96
10) Methyl Iodide	2.453	142	182631	52.647	ug/l	91
11) Tert butyl alcohol	2.965	59	184581	252.050	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	130153	51.376	ug/l	86
13) Acrolein	2.233	56	161178	222.786	ug/l	99
14) Allyl chloride	2.660	41	214080	50.738	ug/l	# 95
15) Acrylonitrile	3.062	53	403324	247.709	ug/l	99
16) Acetone	2.380	43	396346	241.490	ug/l	90
17) Carbon Disulfide	2.508	76	332363	52.327	ug/l	100
18) Methyl Acetate	2.703	43	286097	48.322	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	473853	50.847	ug/l	99
20) Methylene Chloride	2.788	84	157734	51.984	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	145826	51.839	ug/l	90
22) Diisopropyl ether	3.757	45	450664	51.277	ug/l	93
23) Vinyl Acetate	3.721	43	1691613	261.671	ug/l	96
24) 1,1-Dichloroethane	3.605	63	264520	50.225	ug/l	99
25) 2-Butanone	4.550	43	574475	248.038	ug/l	91
26) 2,2-Dichloropropane	4.471	77	229289	53.880	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	176001	51.034	ug/l	90
28) Bromochloromethane	4.897	49	116284	47.328	ug/l	# 83
29) Tetrahydrofuran	5.001	42	358243	248.669	ug/l	90
30) Chloroform	5.092	83	286626	50.520	ug/l	97
31) Cyclohexane	5.470	56	234987	53.663	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	252699	52.603	ug/l	97
36) 1,1-Dichloropropene	5.690	75	206641	54.120	ug/l	96
37) Ethyl Acetate	4.715	43	216228	51.513	ug/l	96
38) Carbon Tetrachloride	5.678	117	222300	55.644	ug/l	98
39) Methylcyclohexane	7.379	83	275573	56.866	ug/l	92
40) Benzene	6.037	78	617581	52.598	ug/l	99

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 09/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	113309	52.941	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	221153	52.112	ug/l	97
43) Isopropyl Acetate	6.336	43	355251	52.928	ug/l	95
44) Trichloroethene	7.123	130	167709	51.289	ug/l	96
45) 1,2-Dichloropropane	7.434	63	159530	52.318	ug/l	100
46) Dibromomethane	7.580	93	116900	53.296	ug/l	92
47) Bromodichloromethane	7.824	83	220721	54.638	ug/l	98
48) Methyl methacrylate	7.690	41	171784	53.539	ug/l #	88
49) 1,4-Dioxane	7.659	88	87937	1045.399	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	1129508	265.237	ug/l	95
52) Toluene	8.720	92	406562	53.727	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	243740	57.704	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	260391	55.701	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	170552	53.457	ug/l	96
56) Ethyl methacrylate	9.116	69	265827	55.812	ug/l	89
57) 1,3-Dichloropropane	9.305	76	274557	53.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	609128	273.884	ug/l	98
59) 2-Hexanone	9.427	43	892495	269.176	ug/l	93
60) Dibromochloromethane	9.519	129	178619	56.200	ug/l	99
61) 1,2-Dibromoethane	9.610	107	183812	54.416	ug/l	100
64) Tetrachloroethene	9.275	164	144255	54.053	ug/l	99
65) Chlorobenzene	10.079	112	443211	52.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	168644	56.378	ug/l	99
67) Ethyl Benzene	10.195	91	807479	55.176	ug/l	98
68) m/p-Xylenes	10.299	106	633871	112.091	ug/l	97
69) o-Xylene	10.640	106	310971	54.838	ug/l	98
70) Styrene	10.652	104	515377	56.612	ug/l	96
71) Bromoform	10.799	173	137404	58.147	ug/l #	98
73) Isopropylbenzene	10.963	105	821767	53.380	ug/l	98
74) N-amyl acetate	10.841	43	339583	54.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	276131	51.001	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	220854m	45.506	ug/l	
77) Bromobenzene	11.195	156	204733	53.730	ug/l	88
78) n-propylbenzene	11.305	91	964802	55.493	ug/l	99
79) 2-Chlorotoluene	11.366	91	570441	53.213	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	715039	55.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	85893	56.692	ug/l	87
82) 4-Chlorotoluene	11.451	91	659176	54.619	ug/l	96
83) tert-Butylbenzene	11.713	119	709287	53.981	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	712895	55.113	ug/l	97
85) sec-Butylbenzene	11.890	105	898089	56.339	ug/l	99
86) p-Isopropyltoluene	12.006	119	759311	57.172	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	386185	54.371	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	386355	53.156	ug/l	97
89) n-Butylbenzene	12.329	91	687185	59.063	ug/l	97
90) Hexachloroethane	12.536	117	129191	57.411	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	379002	52.262	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57205	53.005	ug/l	76
93) 1,2,4-Trichlorobenzene	13.585	180	245874	57.558	ug/l	96
94) Hexachlorobutadiene	13.725	225	114558	57.427	ug/l	98
95) Naphthalene	13.774	128	796384	55.125	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	242804	55.233	ug/l	97

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MSVOA_X
ClientSampleId :
ICVVX091523

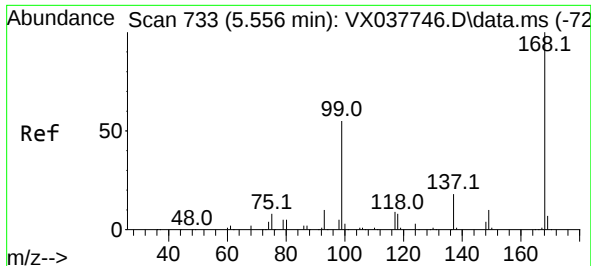
Manual Integrations
APPROVED

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

Quant Time: Sep 16 05:41:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

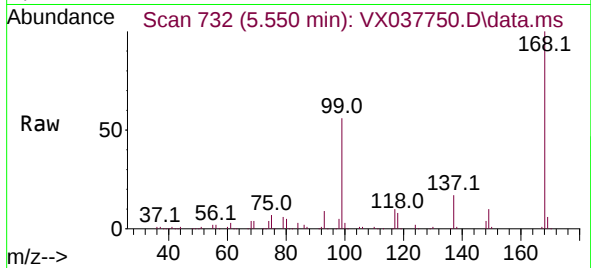
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

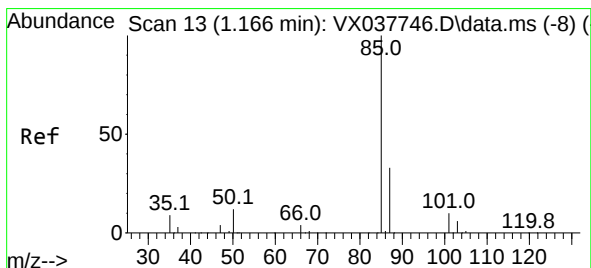
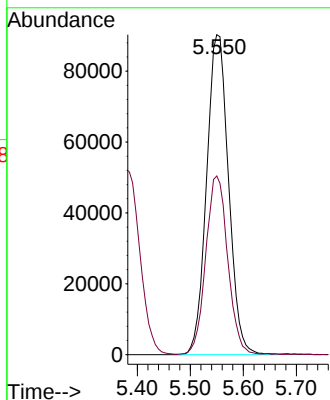
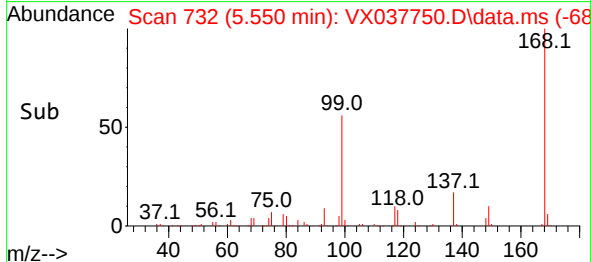
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion:168 Resp: 25967
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0

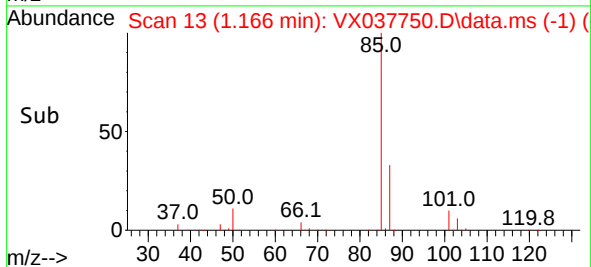
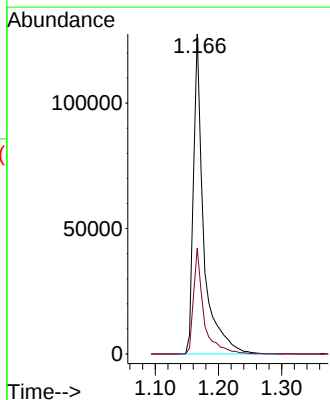
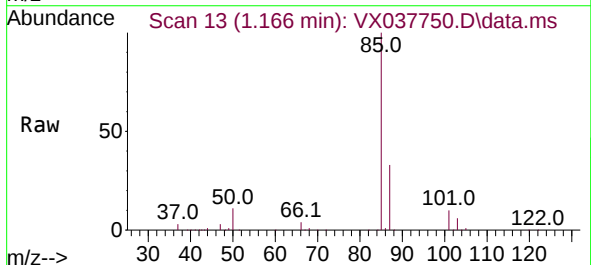
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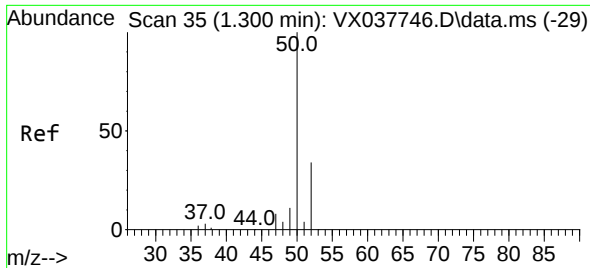
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#2
Dichlorodifluoromethane
Concen: 52.373 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

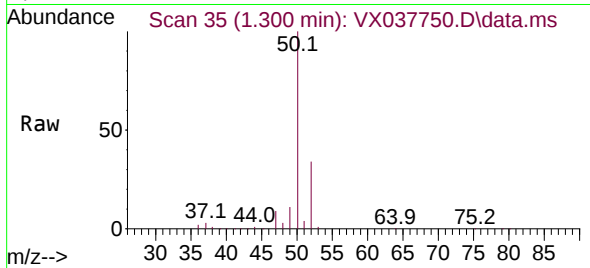
Tgt Ion: 85 Resp: 143347
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3
Chloromethane
Concen: 49.307 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

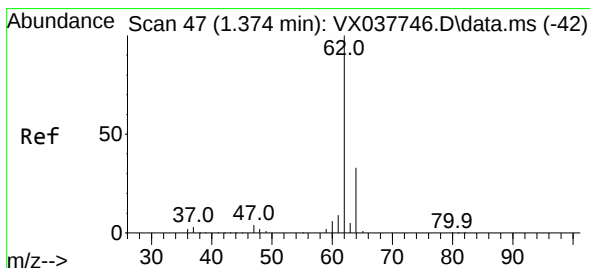
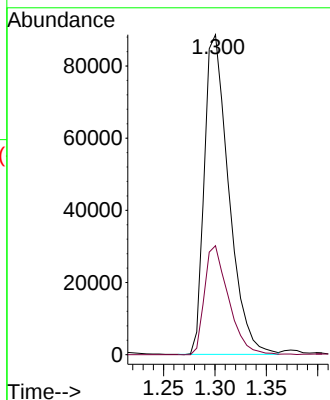
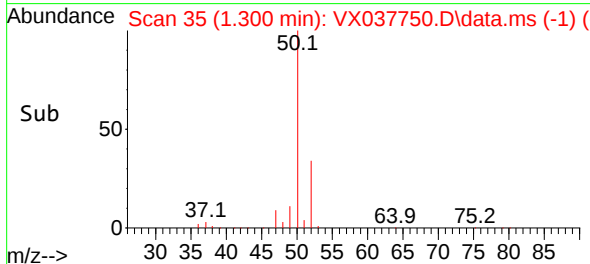
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 50 Resp: 146839
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

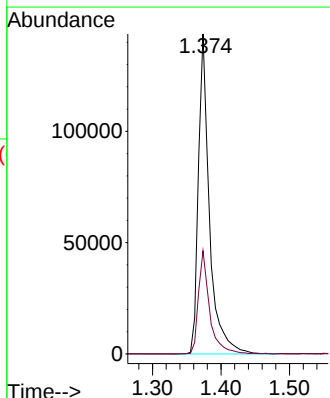
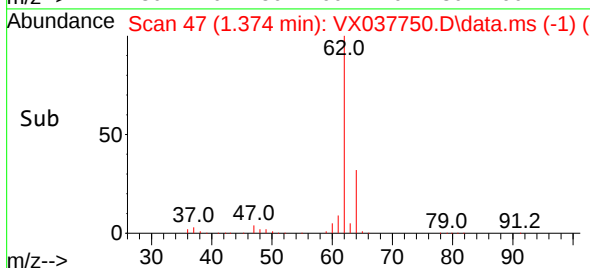
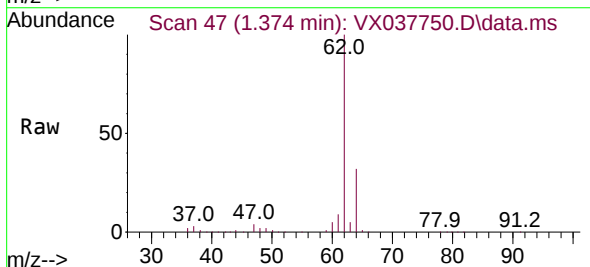
Manual Integrations
APPROVED

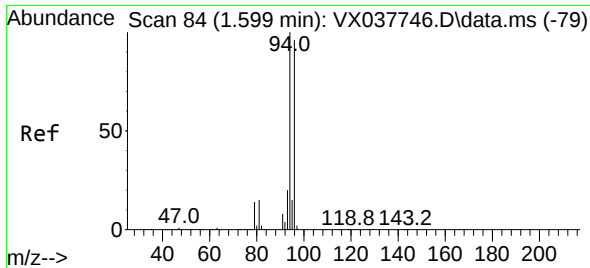
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#4
Vinyl Chloride
Concen: 50.358 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

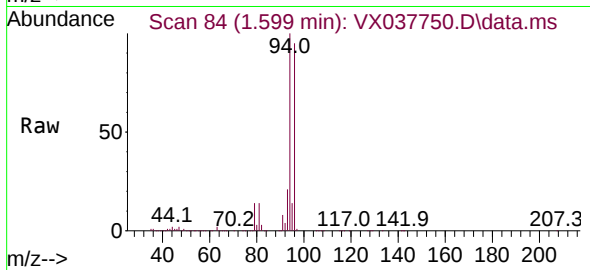
Tgt Ion: 62 Resp: 161789
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 48.743 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

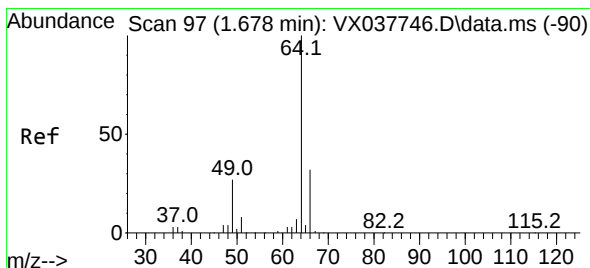
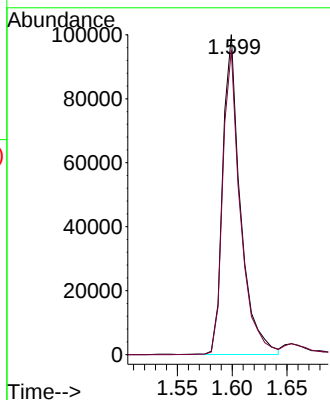
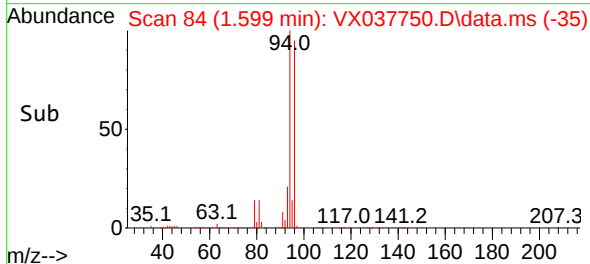
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 11211
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

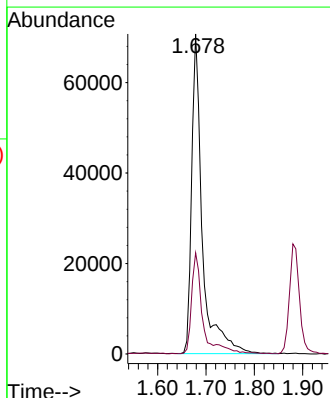
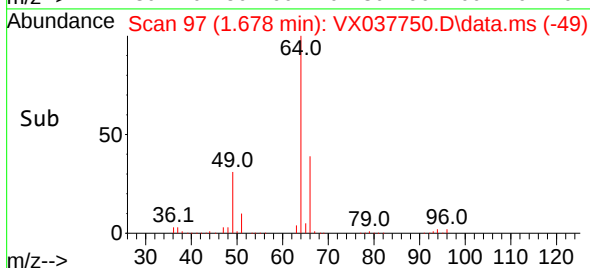
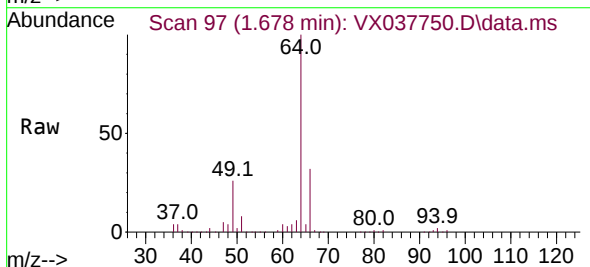
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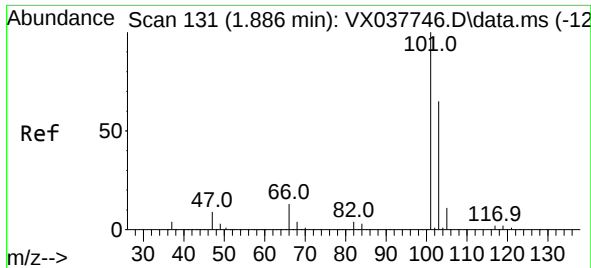
Reviewed By :John Carlone 09/18/2023
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#6
Chloroethane
Concen: 48.882 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

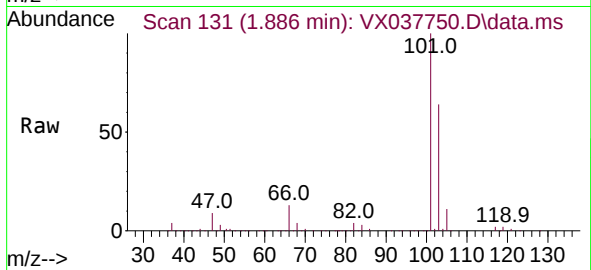
Tgt Ion: 64 Resp: 108192
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 52.518 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

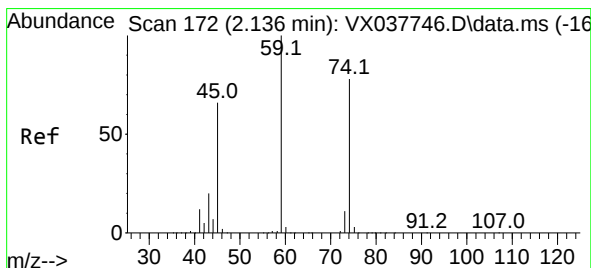
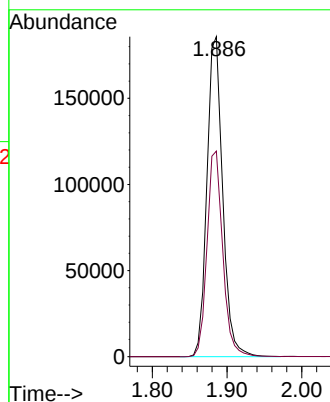
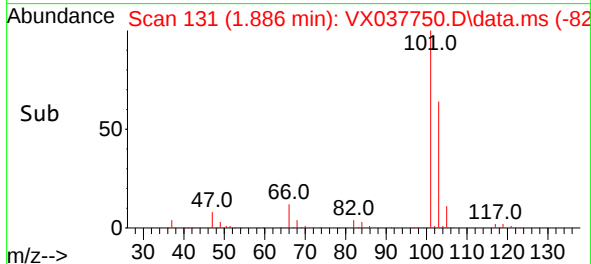
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion:101 Resp: 271264
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

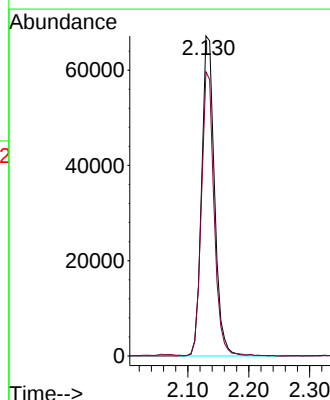
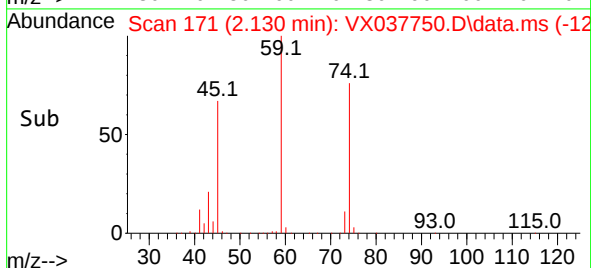
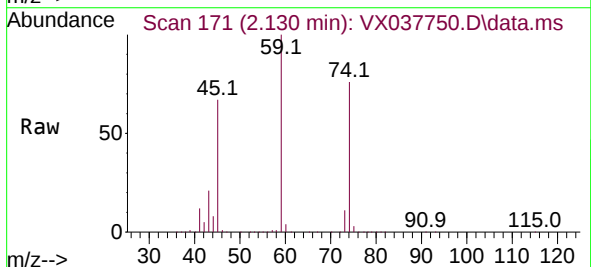
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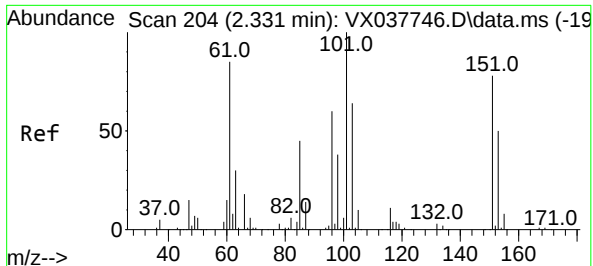
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#8
Diethyl Ether
Concen: 49.355 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 74 Resp: 98765
Ion Ratio Lower Upper
74 100
45 88.0 53.3 159.8





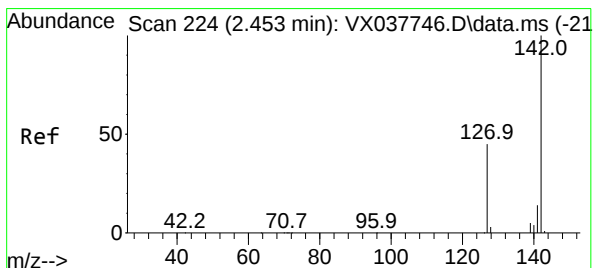
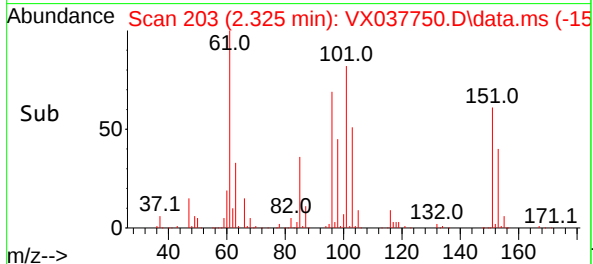
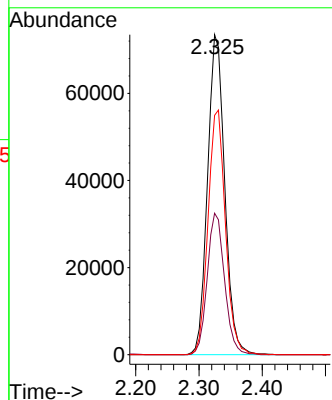
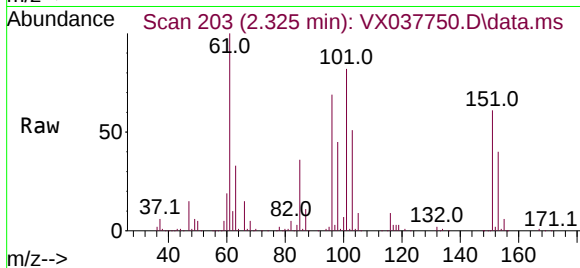
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.205 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523

Tgt Ion:101 Resp: 139460
Ion Ratio Lower Upper
101 100
85 44.4 37.0 55.6
151 77.3 58.6 87.8

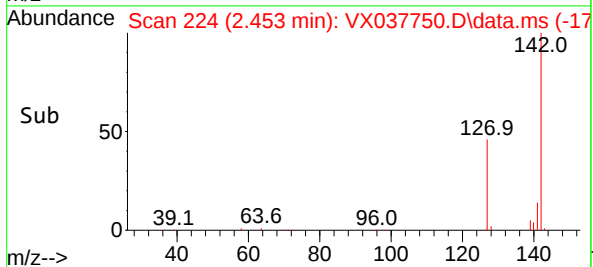
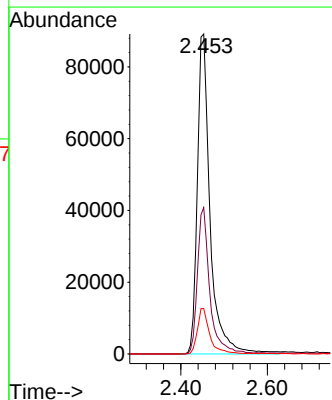
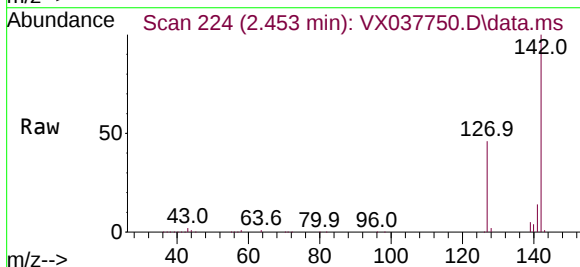
Manual Integrations
APPROVED

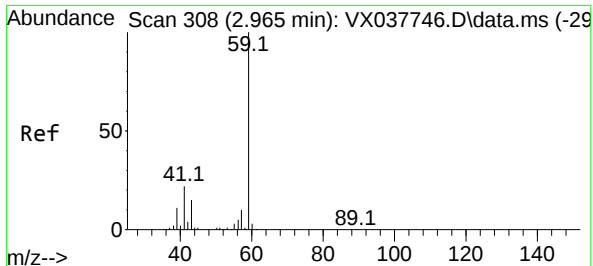
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#10
Methyl Iodide
Concen: 52.647 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

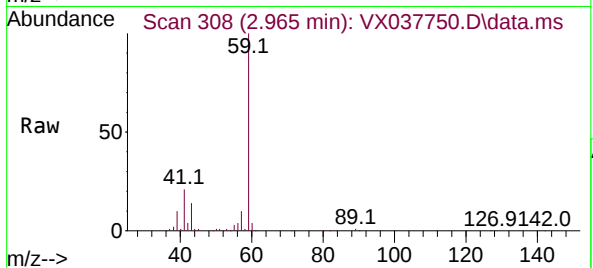
Tgt Ion:142 Resp: 182631
Ion Ratio Lower Upper
142 100
127 44.3 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 252.050 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

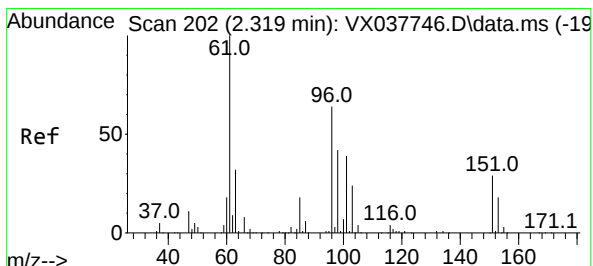
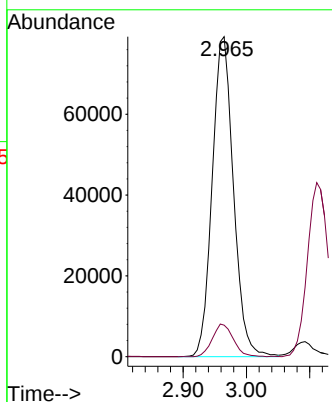
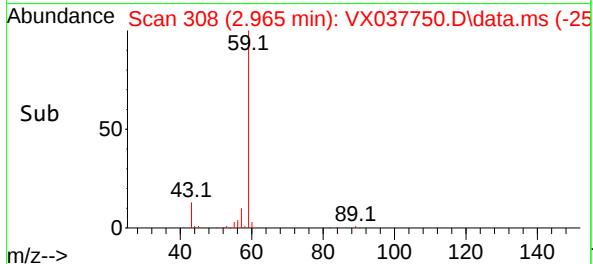
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



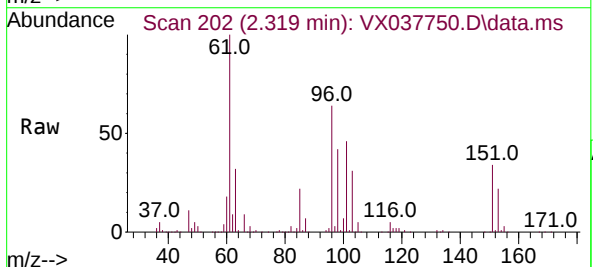
Tgt Ion: 59 Resp: 18458
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

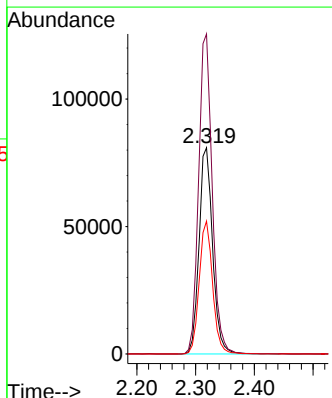
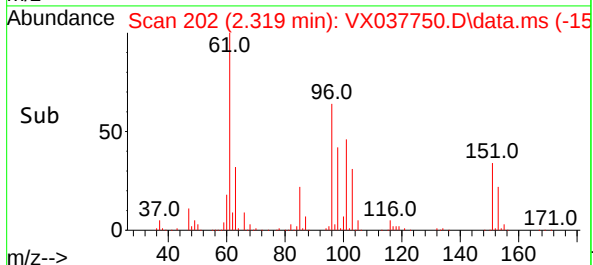
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

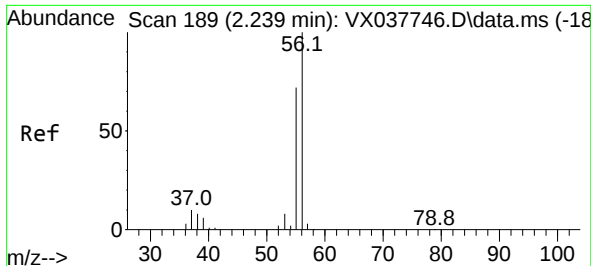


#12
1,1-Dichloroethene
Concen: 51.376 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



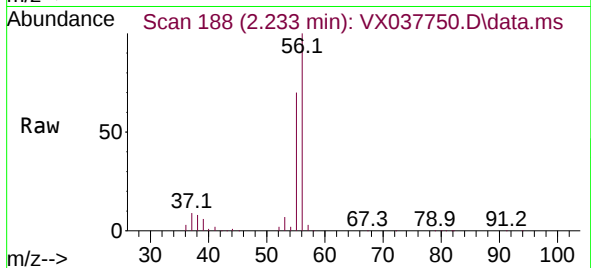
Tgt Ion: 96 Resp: 130153
Ion Ratio Lower Upper
96 100
61 155.1 144.6 216.8
98 64.4 50.4 75.6





#13
Acrolein
Concen: 222.786 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

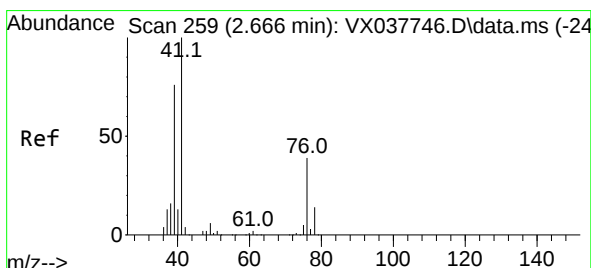
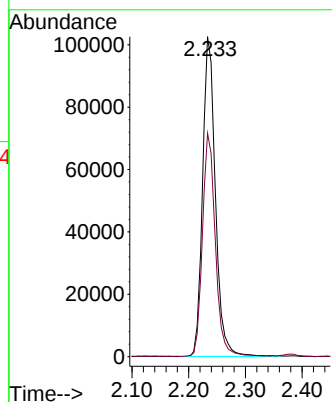
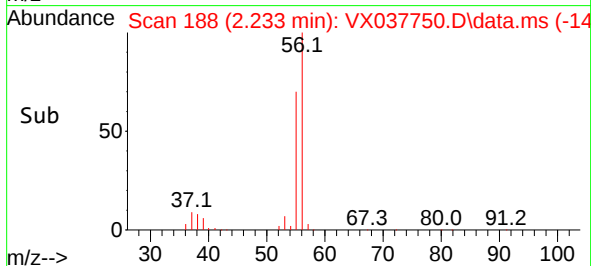
Instrument : MSVOA_X
ClientSampleId : ICVVX091523



Tgt Ion: 56 Resp: 161178
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

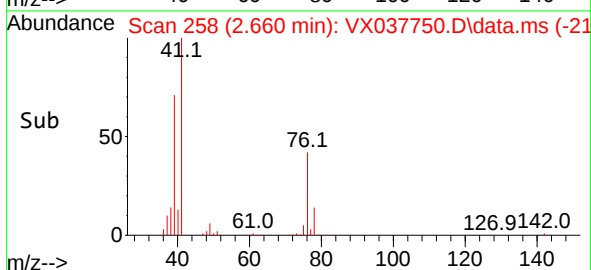
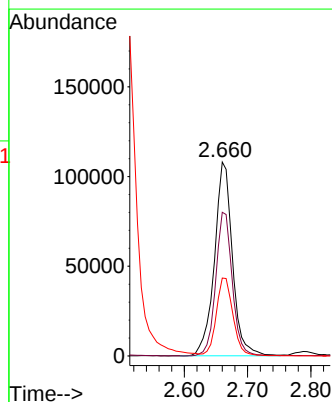
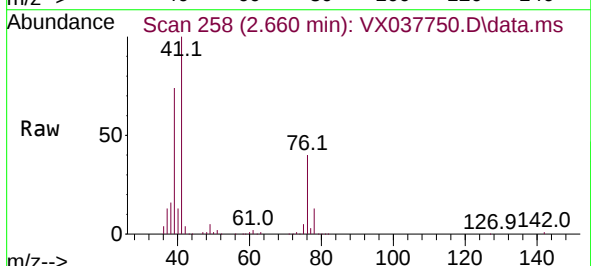
Manual Integrations
APPROVED

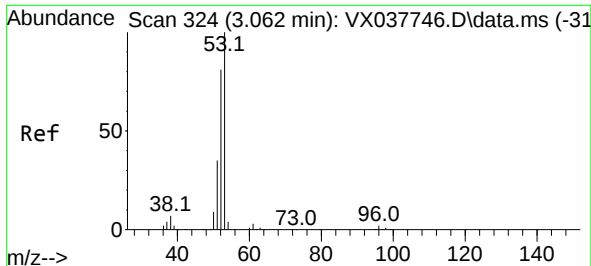
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#14
Allyl chloride
Concen: 50.738 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

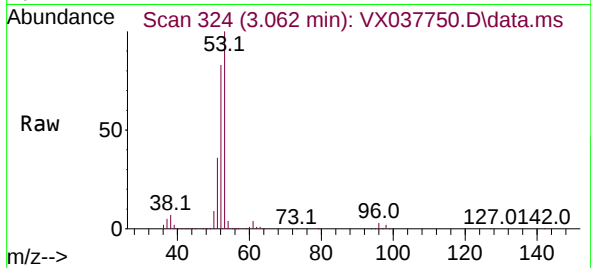
Tgt Ion: 41 Resp: 214080
Ion Ratio Lower Upper
41 100
39 68.1 55.8 83.6
76 37.3 24.3 36.5





#15
Acrylonitrile
Concen: 247.709 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

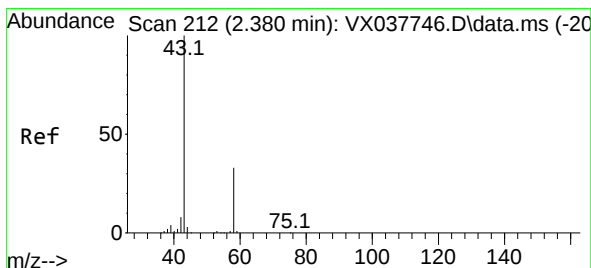
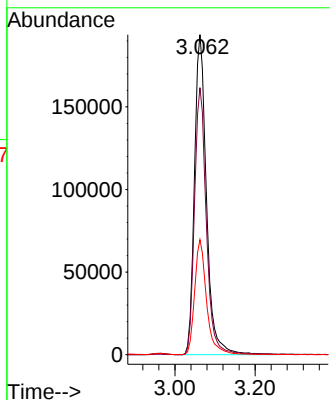
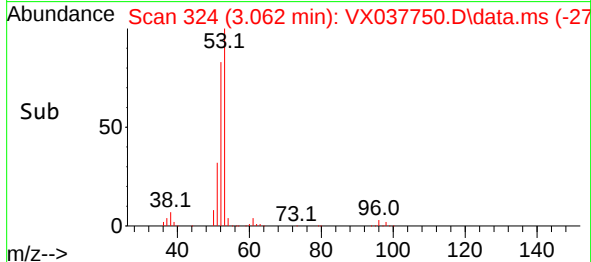
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 53 Resp: 403324
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.8 29.8 44.6

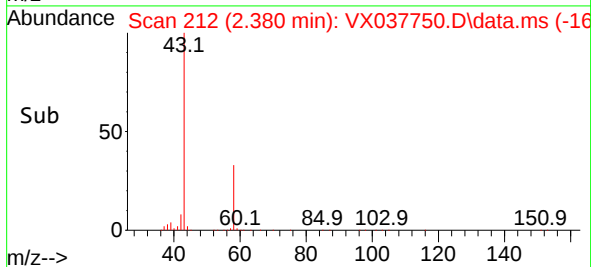
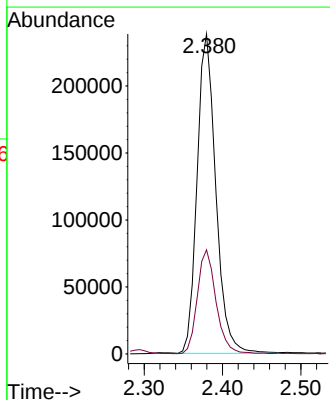
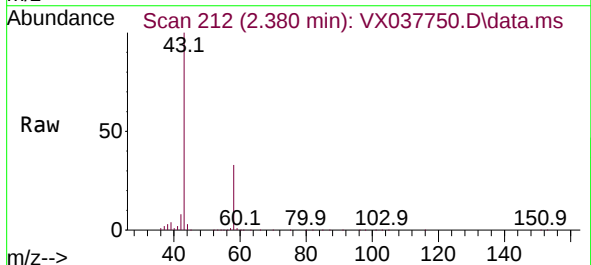
Manual Integrations
APPROVED

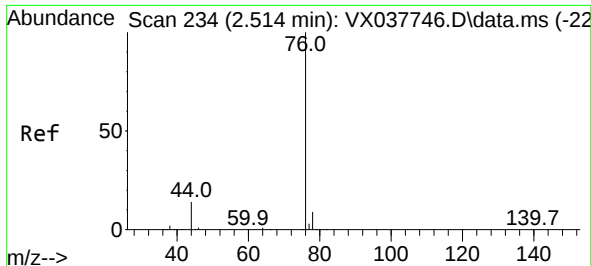
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#16
Acetone
Concen: 241.490 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

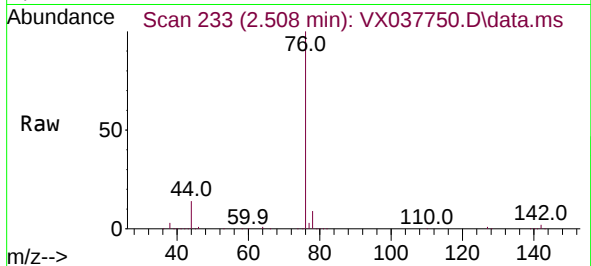
Tgt Ion: 43 Resp: 396346
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9





#17
Carbon Disulfide
Concen: 52.327 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

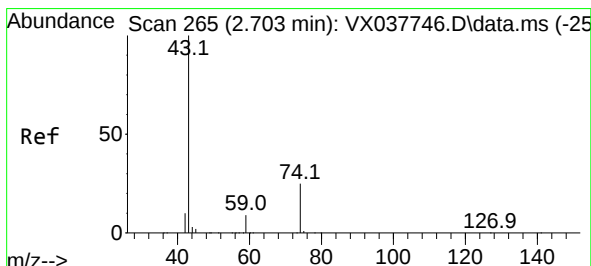
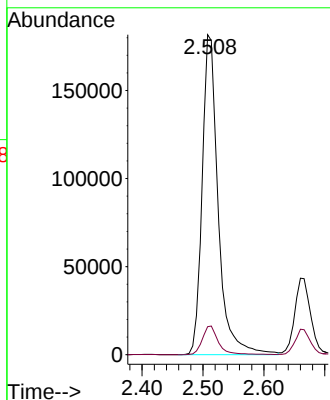
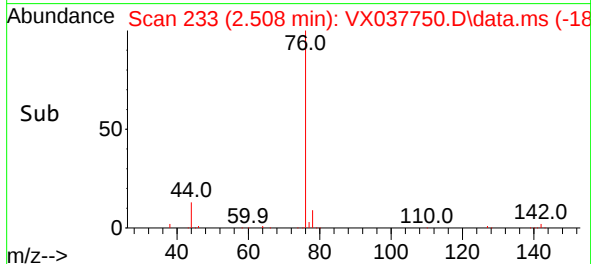
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 76 Resp: 33236
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6

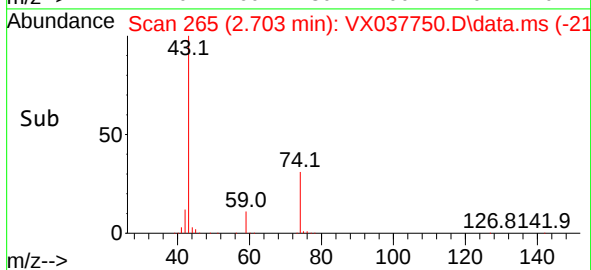
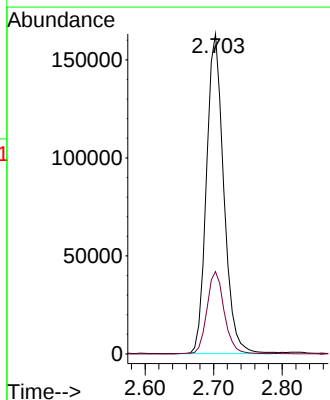
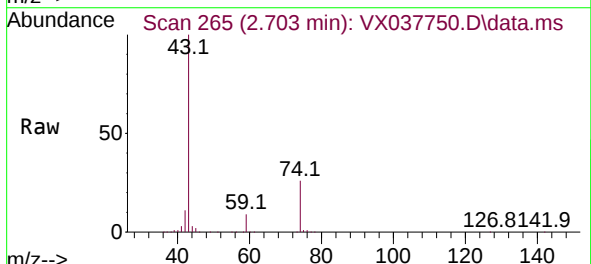
Manual Integrations
APPROVED

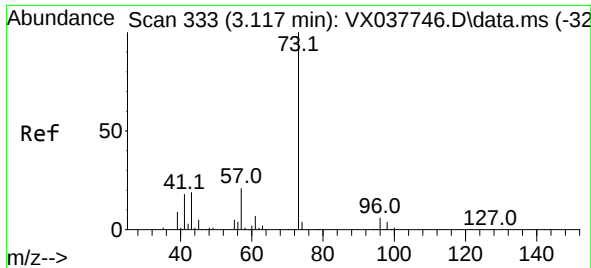
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#18
Methyl Acetate
Concen: 48.322 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

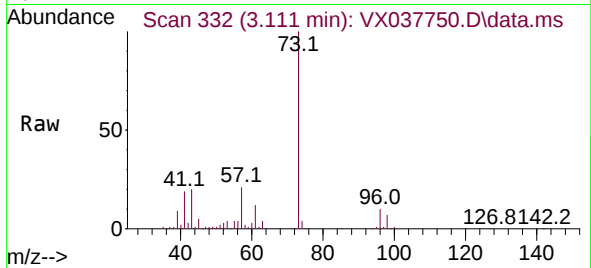
Tgt Ion: 43 Resp: 286097
Ion Ratio Lower Upper
43 100
74 26.0 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.847 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

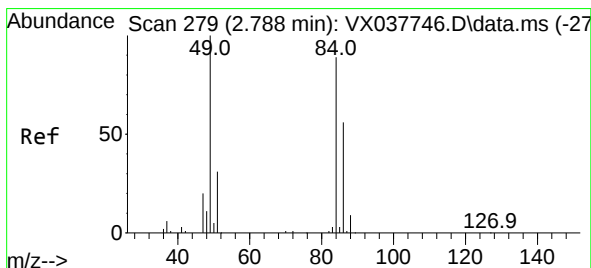
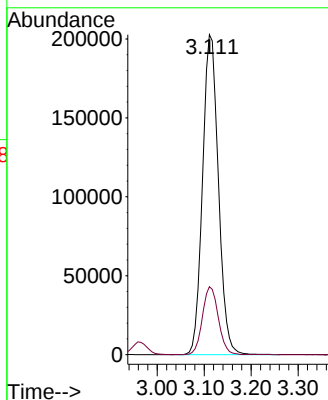
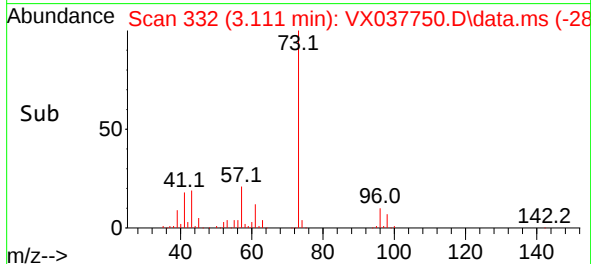
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 73 Resp: 47385
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

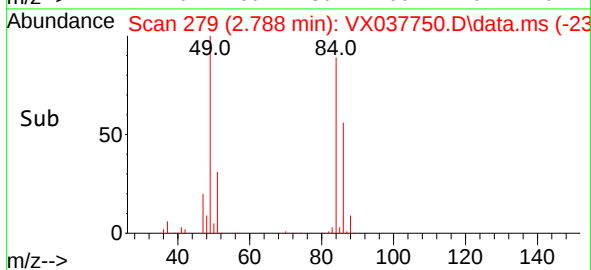
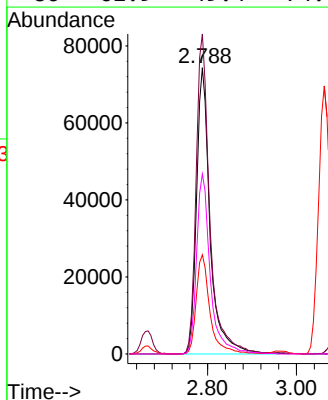
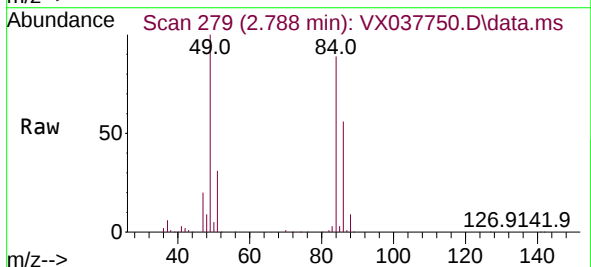
Manual Integrations
APPROVED

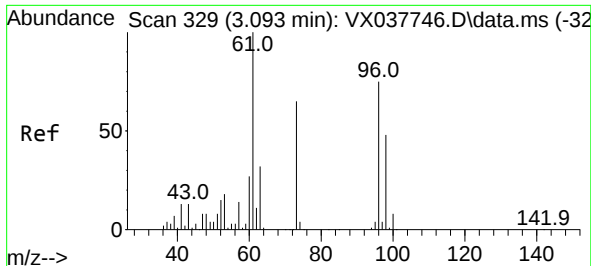
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#20
Methylene Chloride
Concen: 51.984 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

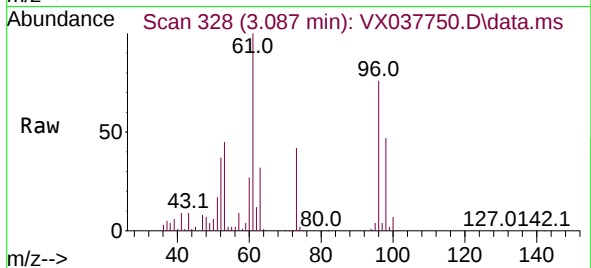
Tgt Ion: 84 Resp: 157734
Ion Ratio Lower Upper
84 100
49 111.8 103.6 155.4
51 34.6 33.8 50.6
86 62.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.839 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

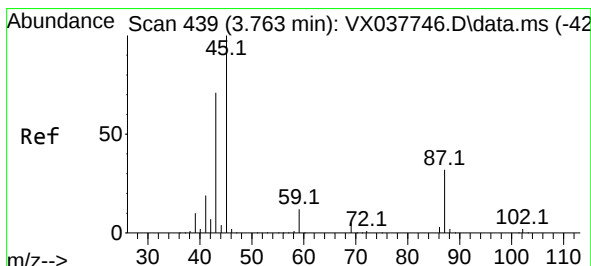
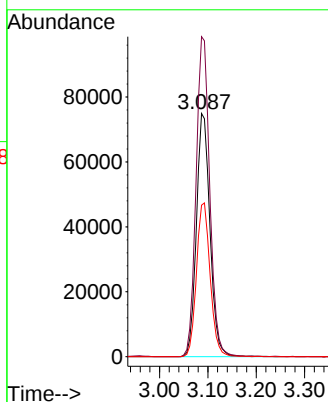
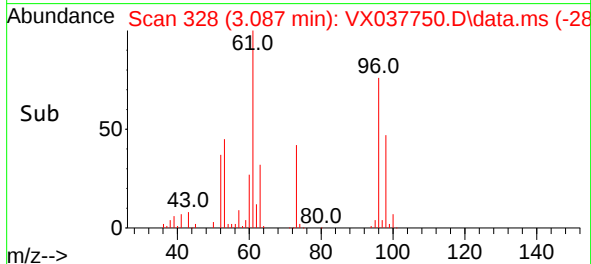
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 96 Resp: 145820
Ion Ratio Lower Upper
96 100
61 131.6 119.2 178.8
98 62.3 48.7 73.1

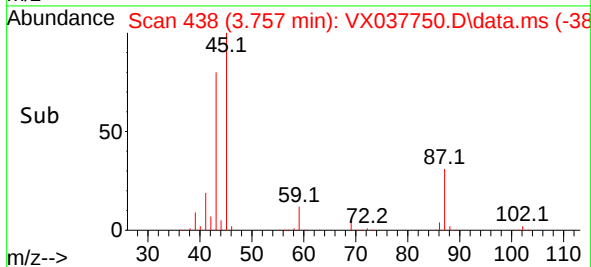
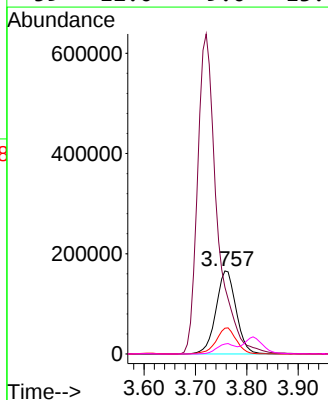
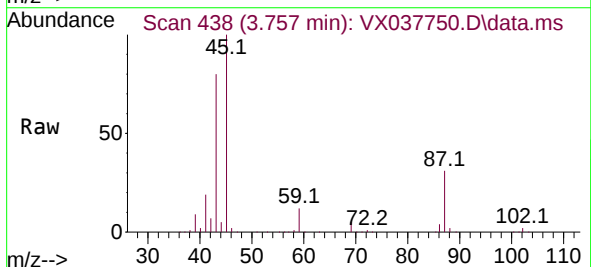
Manual Integrations
APPROVED

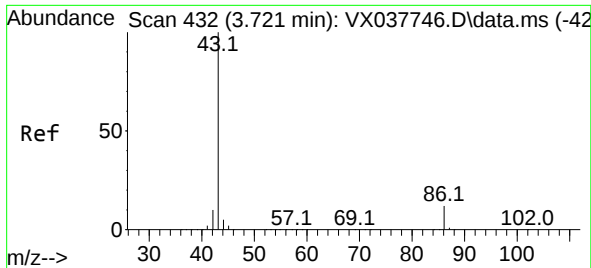
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#22
Diisopropyl ether
Concen: 51.277 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 45 Resp: 450664
Ion Ratio Lower Upper
45 100
43 80.3 69.7 104.5
87 31.0 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 261.671 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

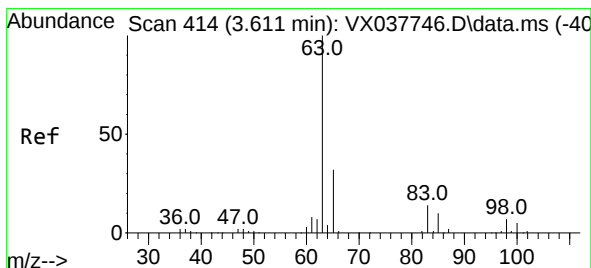
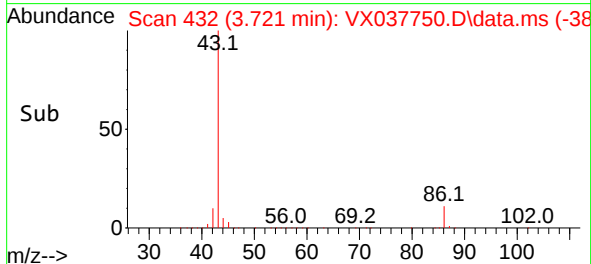
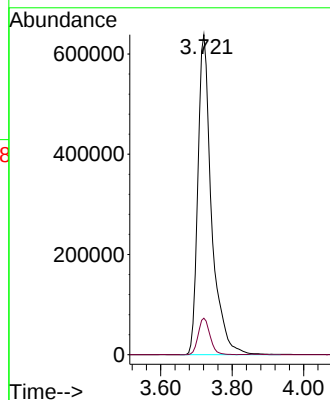
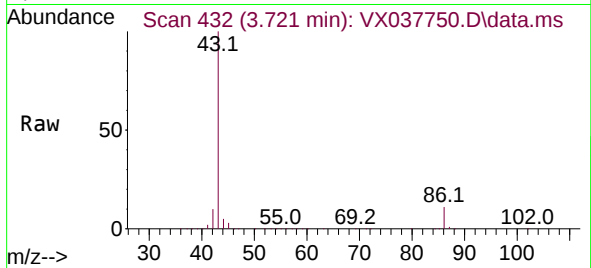
ICVVX091523

Tgt Ion: 43 Resp: 169161
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

Manual Integrations

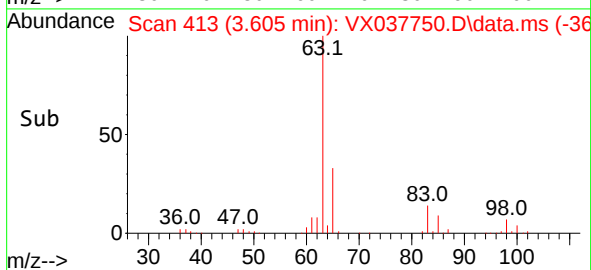
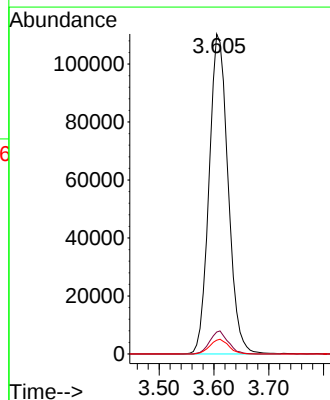
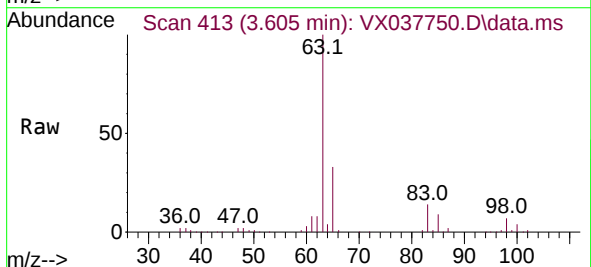
APPROVED

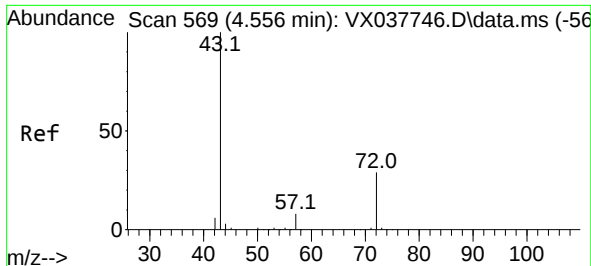
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023



#24
 1,1-Dichloroethane
 Concen: 50.225 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04

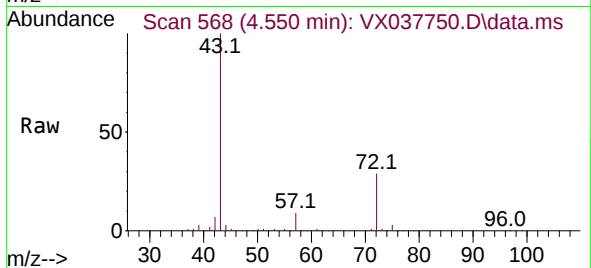
Tgt Ion: 63 Resp: 264520
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 248.038 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

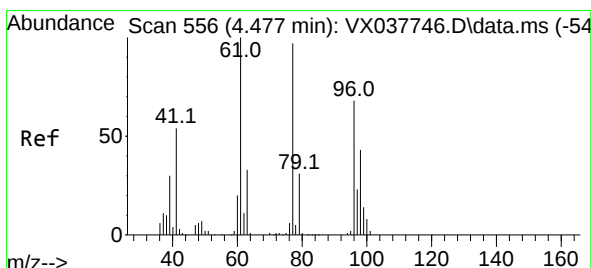
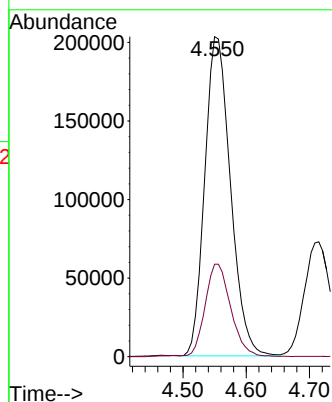
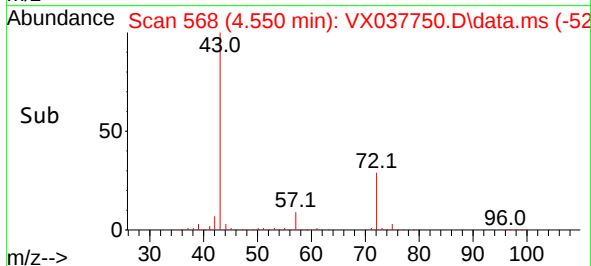
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 43 Resp: 57447
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

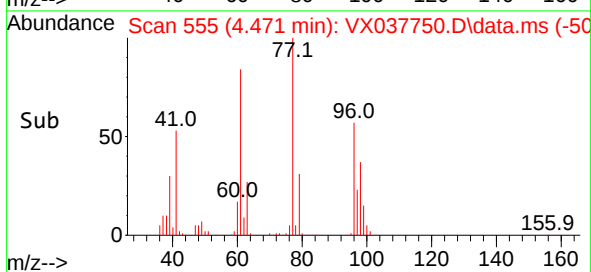
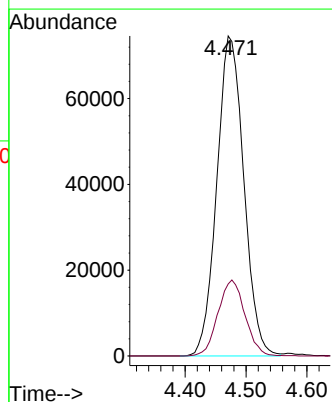
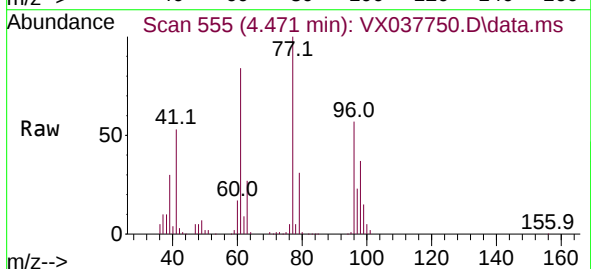
Manual Integrations
APPROVED

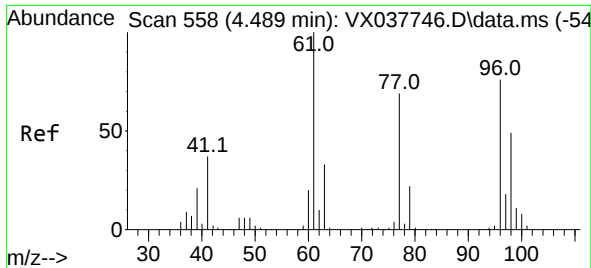
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#26
2,2-Dichloropropane
Concen: 53.880 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 77 Resp: 229289
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3





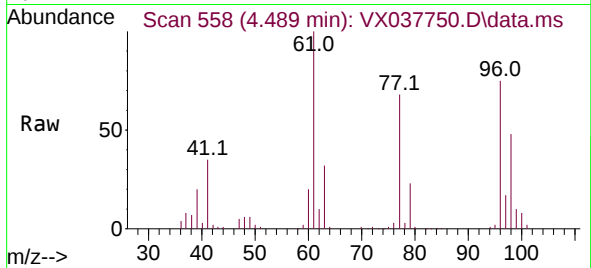
#27
 cis-1,2-Dichloroethene
 Concen: 51.034 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

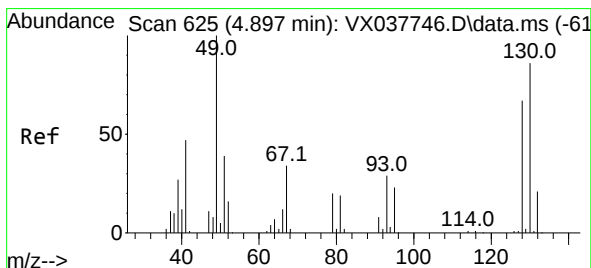
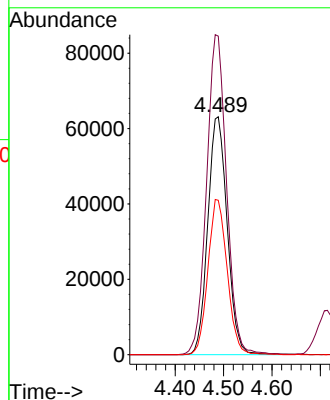
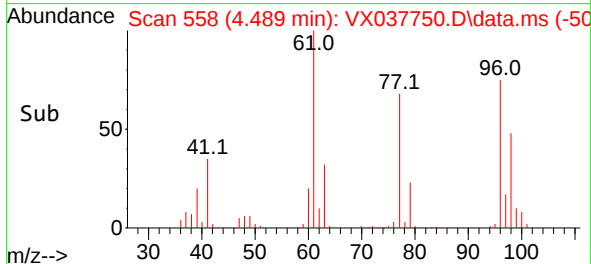


Tgt Ion: 96 Resp: 17600
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 312.2
 98 64.9 0.0 129.0

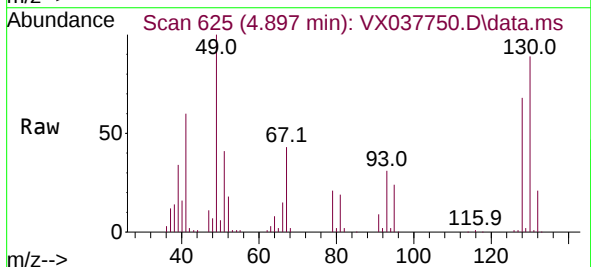
Manual Integrations

APPROVED

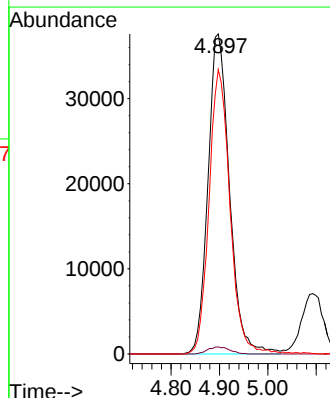
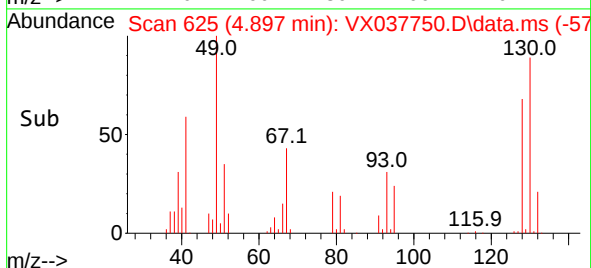
Reviewed By :John Carlone 09/18/2023
 Supervised By :Mahesh Dadoda 09/18/2023

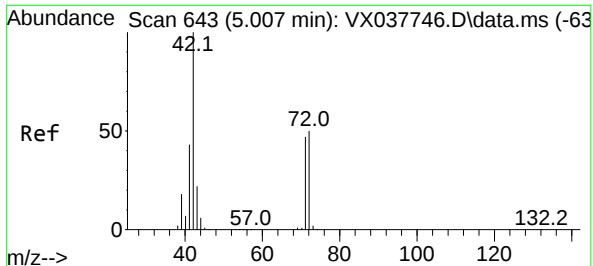


#28
 Bromochloromethane
 Concen: 47.328 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04



Tgt Ion: 49 Resp: 116284
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 86.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 248.669 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.012 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 42 Resp: 35824

Ion Ratio Lower Upper

42 100

72 49.3 34.2 51.4

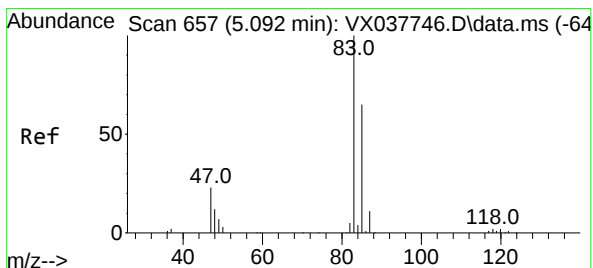
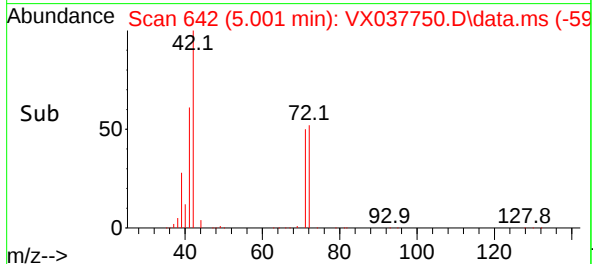
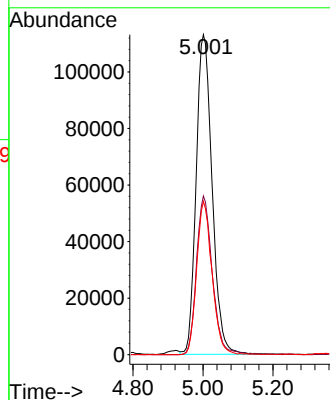
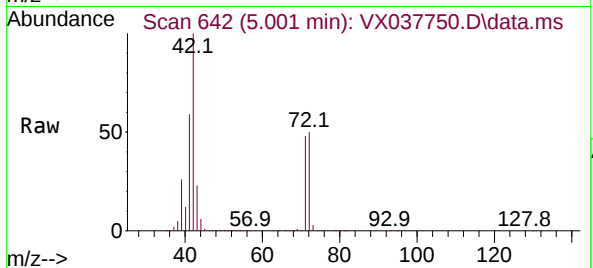
71 46.2 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#30

Chloroform

Concen: 50.520 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037750.D

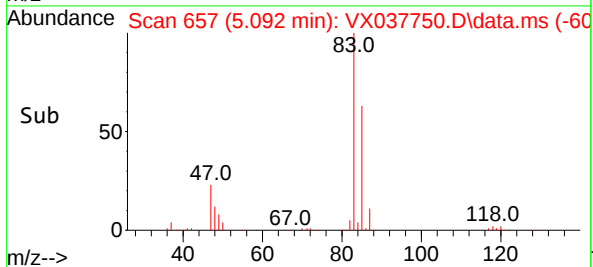
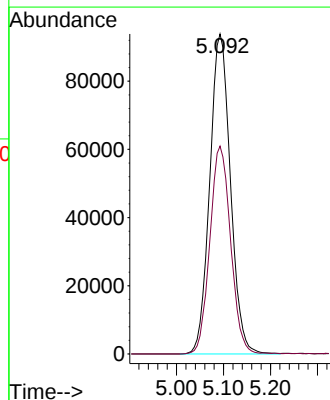
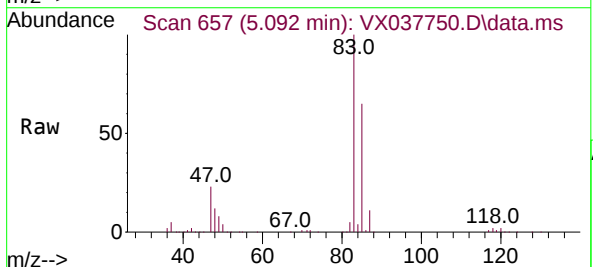
Acq: 15 Sep 2023 13:04

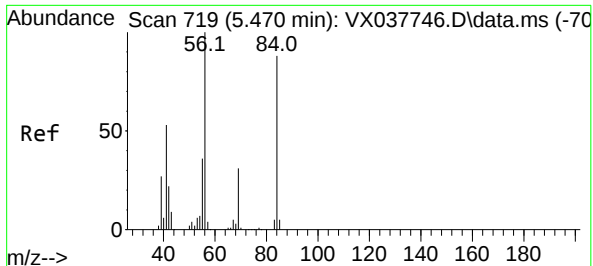
Tgt Ion: 83 Resp: 286626

Ion Ratio Lower Upper

83 100

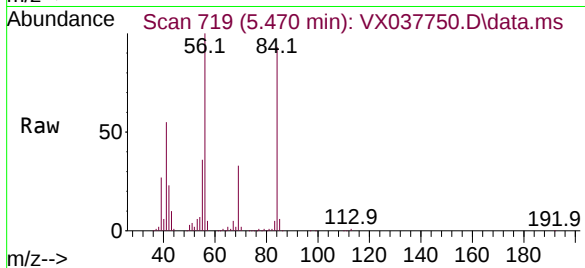
85 64.9 50.3 75.5





#31
Cyclohexane
Concen: 53.663 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

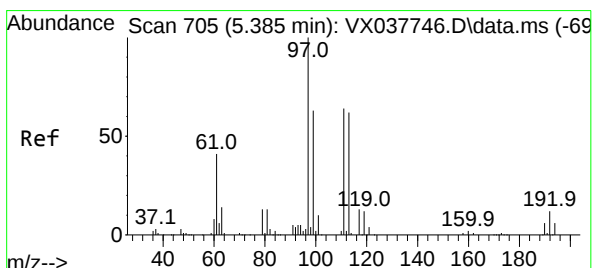
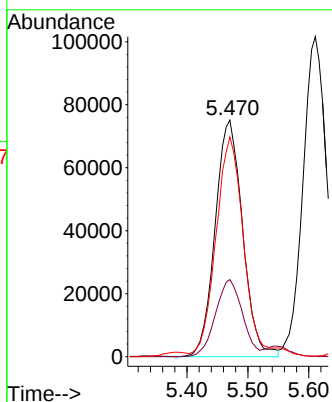
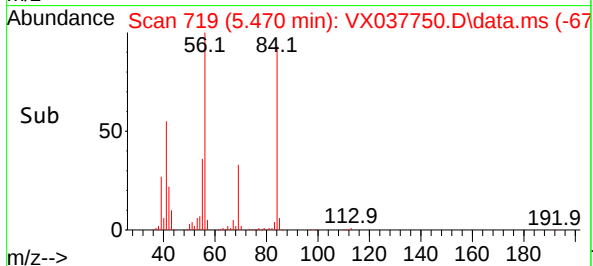
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



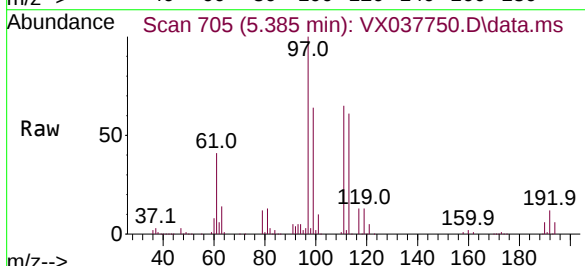
Tgt Ion: 56 Resp: 23498
Ion Ratio Lower Upper
56 100
69 32.6 23.4 35.2
84 90.9 65.9 98.9

Manual Integrations
APPROVED

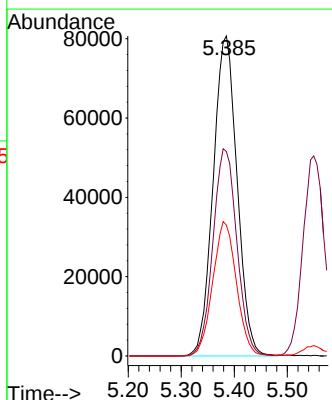
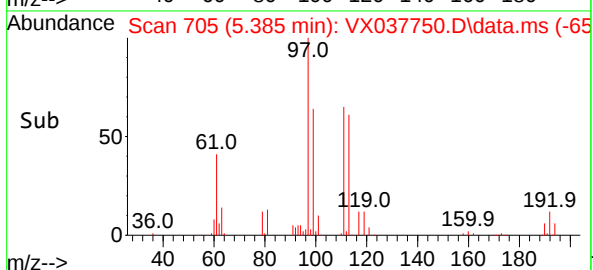
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#32
1,1,1-Trichloroethane
Concen: 52.603 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



Tgt Ion: 97 Resp: 252699
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 41.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.953 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 65 Resp: 17042

Ion Ratio Lower Upper

65 100

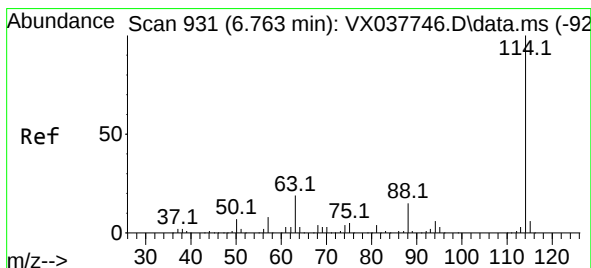
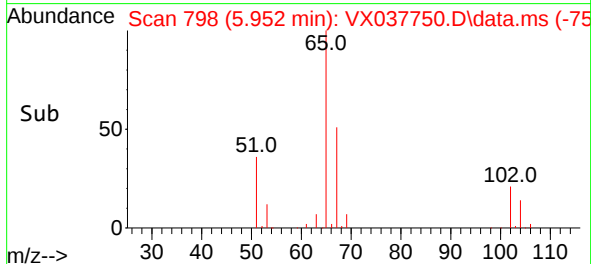
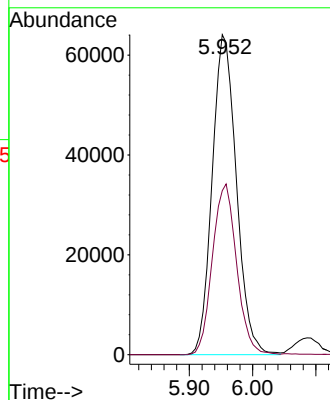
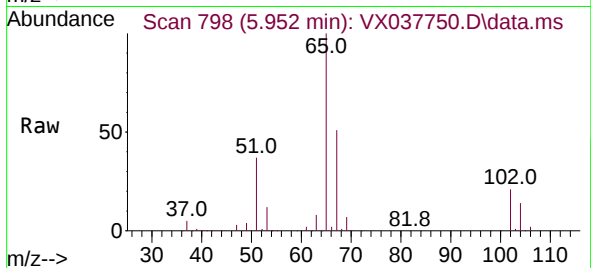
67 53.2 0.0 100.2

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: VX037750.D

Acq: 15 Sep 2023 13:04

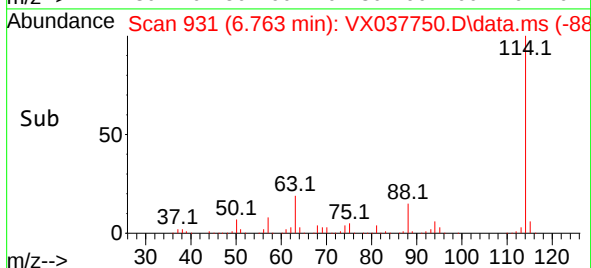
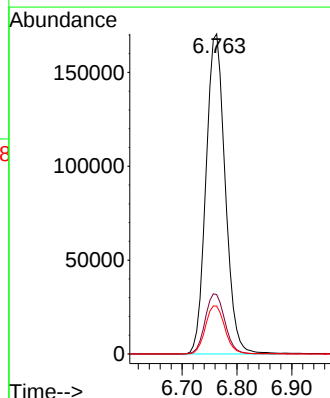
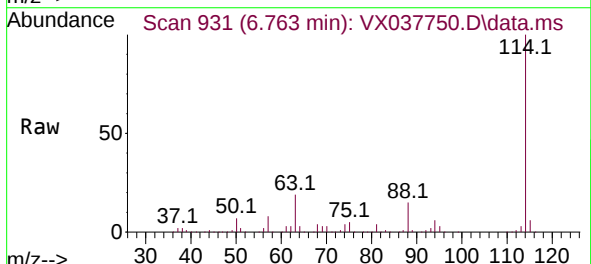
Tgt Ion:114 Resp: 414247

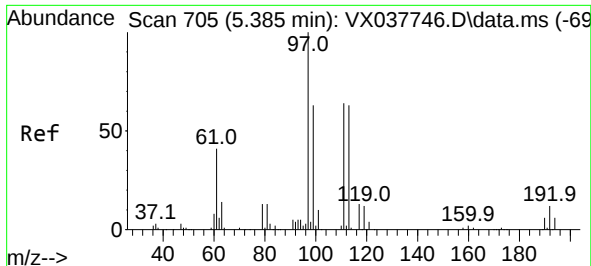
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

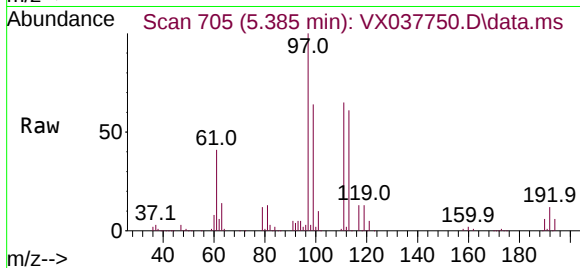
88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.789 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

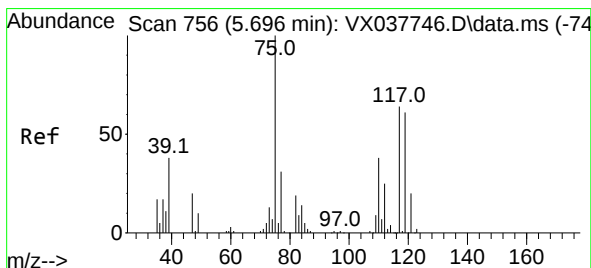
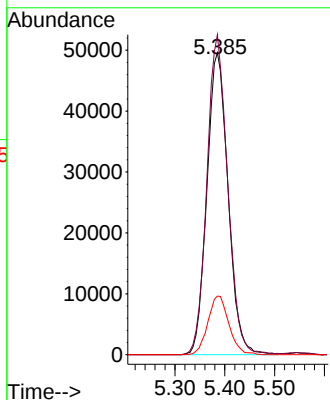
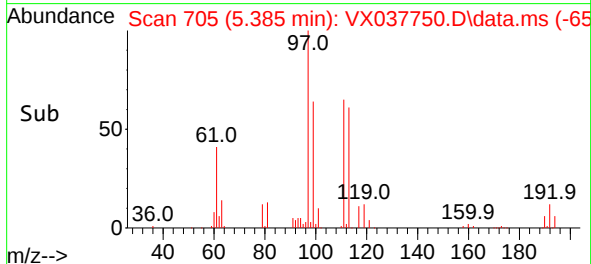
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 113 Resp: 146319
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 19.3 13.3 19.9

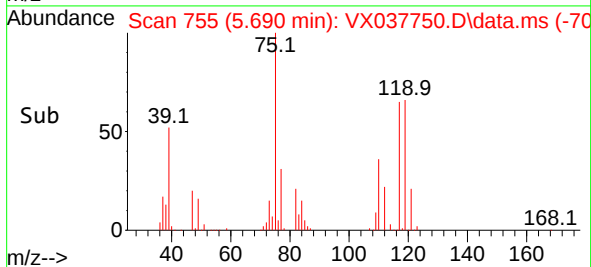
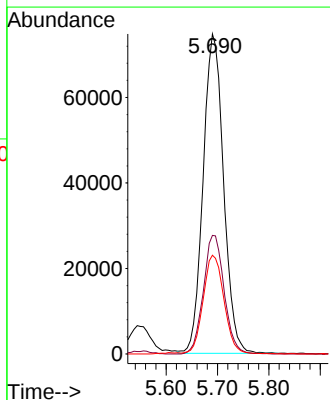
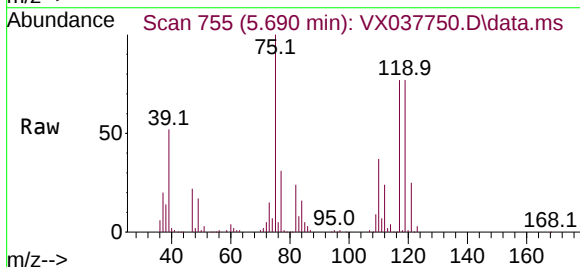
Manual Integrations
APPROVED

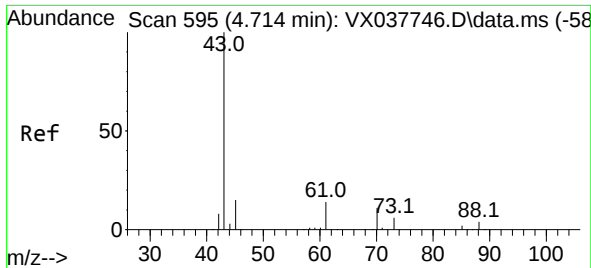
Reviewed By : John Carlone 09/18/2023
Supervised By : Mahesh Dadoda 09/18/2023



#36
1,1-Dichloropropene
Concen: 54.120 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 75 Resp: 206641
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 51.513 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 43 Resp: 216228

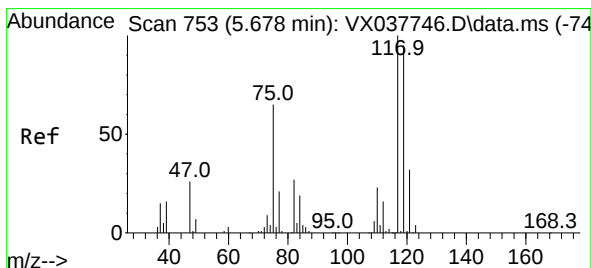
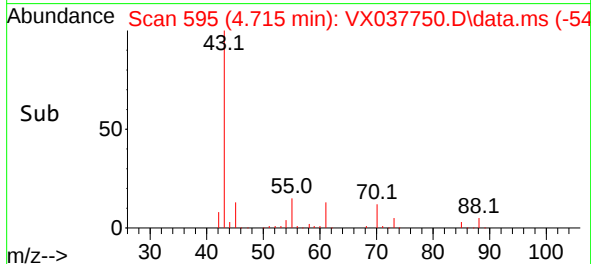
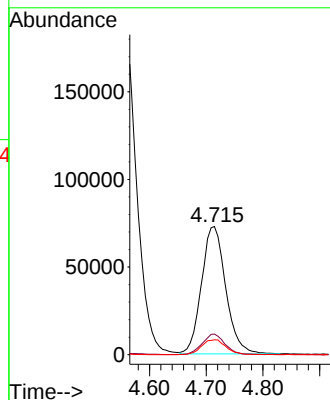
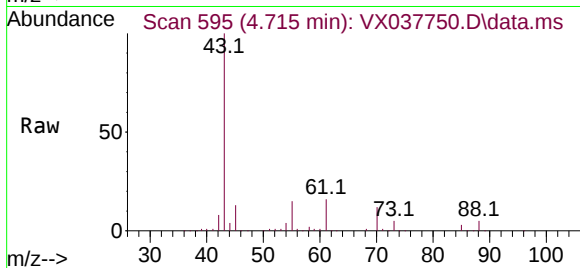
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.6	16.0
70	11.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#38

Carbon Tetrachloride

Concen: 55.644 ug/l

RT: 5.678 min Scan# 753

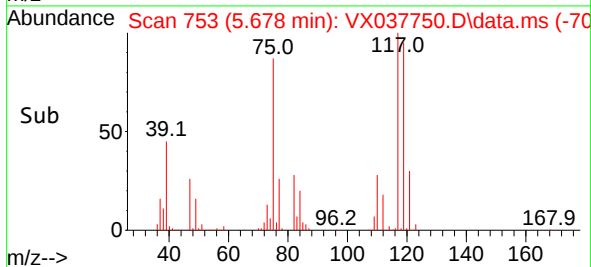
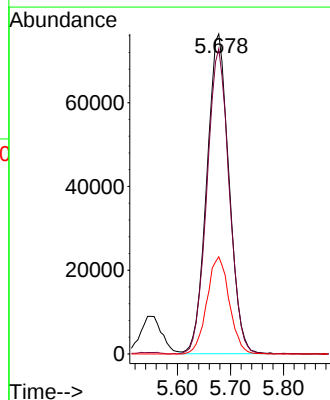
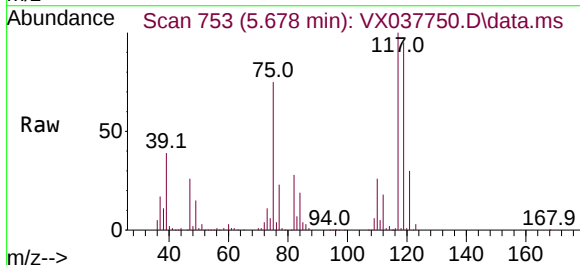
Delta R.T. -0.000 min

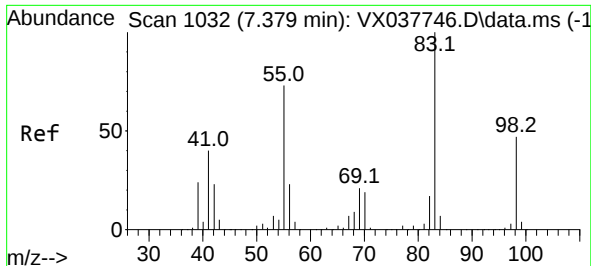
Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Tgt Ion:117 Resp: 222300

Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.2	117.2
121	30.4	24.4	36.6





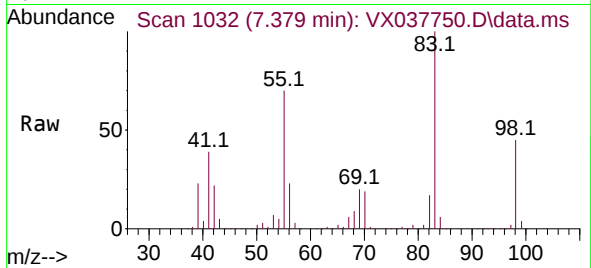
#39
Methylcyclohexane
Concen: 56.866 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523



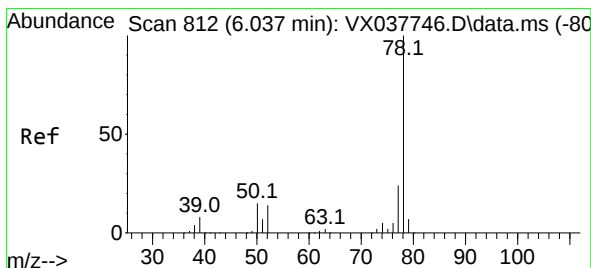
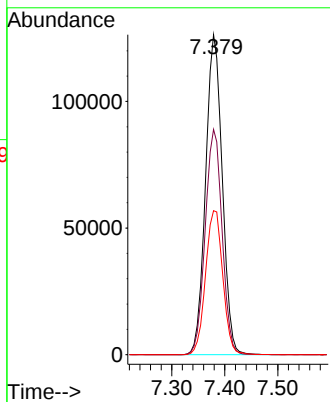
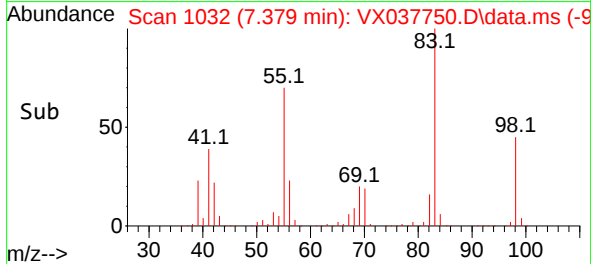
Tgt Ion: 83 Resp: 27557
Ion Ratio Lower Upper
83 100
55 70.4 64.6 97.0
98 45.0 36.7 55.1

Manual Integrations

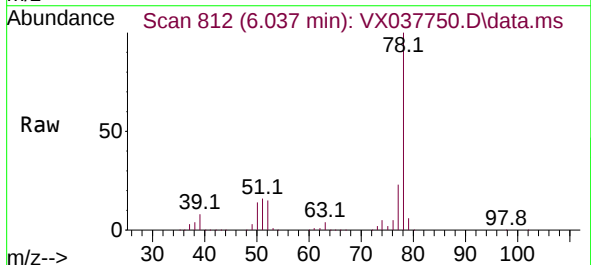
APPROVED

Reviewed By :John Carlone 09/18/2023

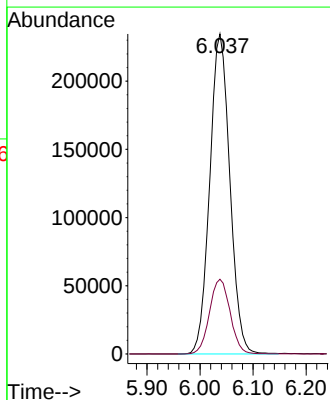
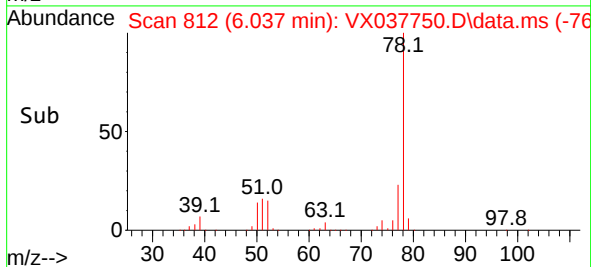
Supervised By :Mahesh Dadoda 09/18/2023

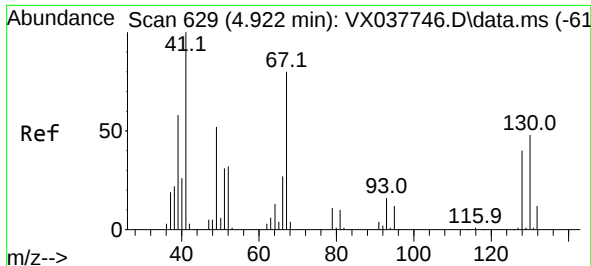


#40
Benzene
Concen: 52.598 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



Tgt Ion: 78 Resp: 617581
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





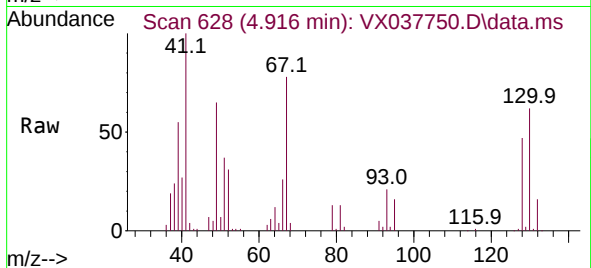
#41
Methacrylonitrile
Concen: 52.941 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

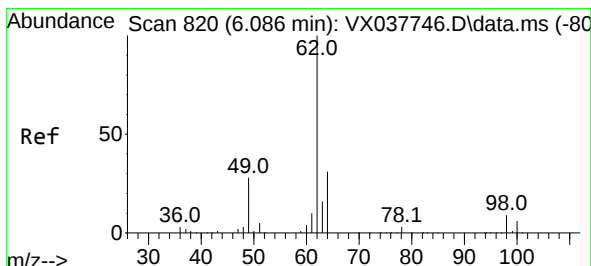
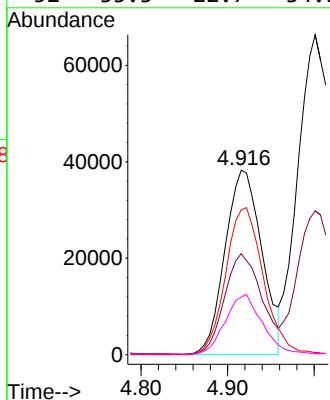
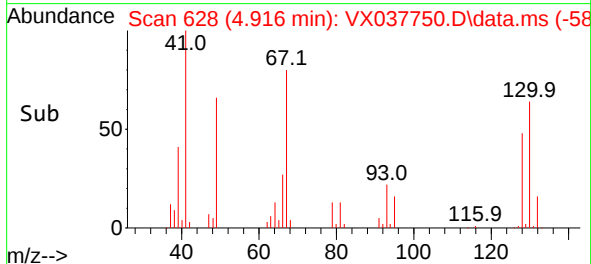


Tgt Ion: 41 Resp: 113309
Ion Ratio Lower Upper
41 100
39 55.6 45.2 67.8
67 81.9 52.6 78.8
52 33.3 22.7 34.1

Manual Integrations

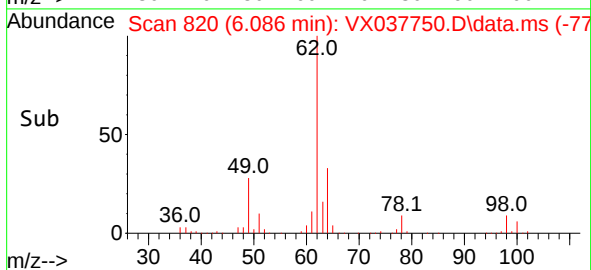
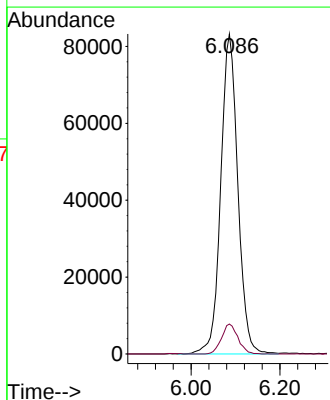
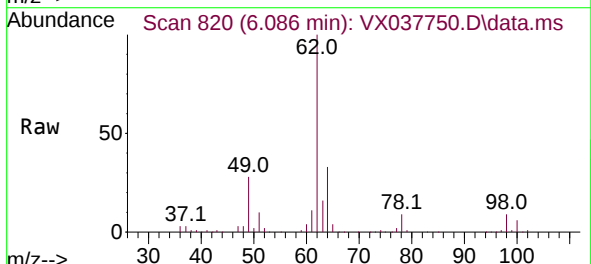
APPROVED

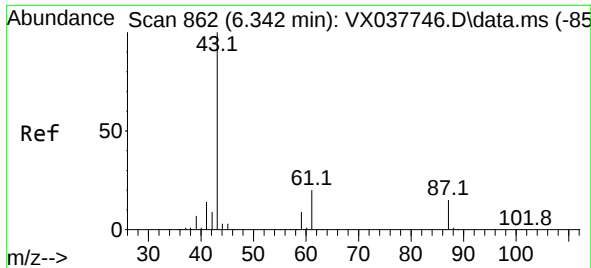
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#42
1,2-Dichloroethane
Concen: 52.112 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 62 Resp: 221153
Ion Ratio Lower Upper
62 100
98 9.0 0.0 16.0





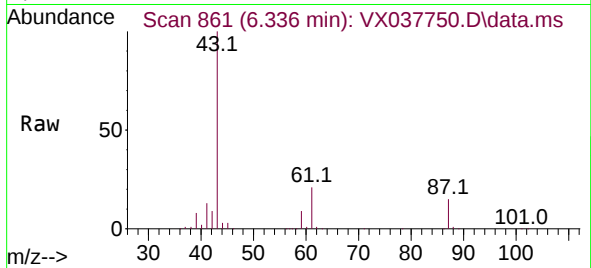
#43
Isopropyl Acetate
Concen: 52.928 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

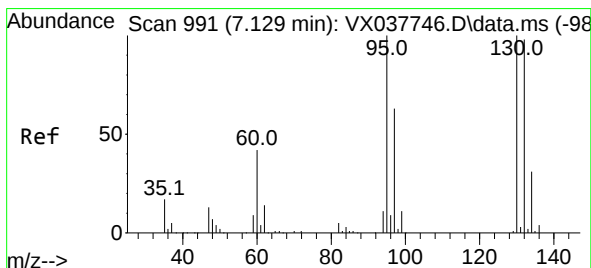
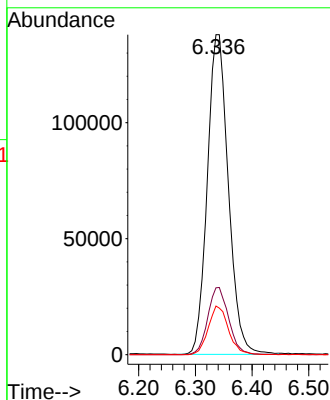
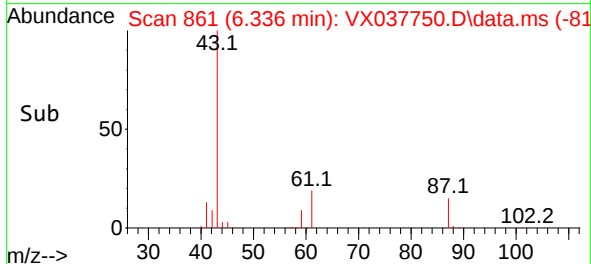


Tgt Ion: 43 Resp: 35525
Ion Ratio Lower Upper
43 100
61 21.0 15.2 22.8
87 14.6 9.8 14.6

Manual Integrations

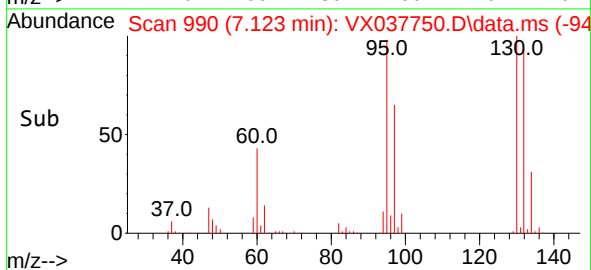
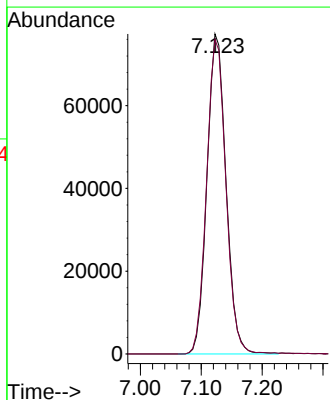
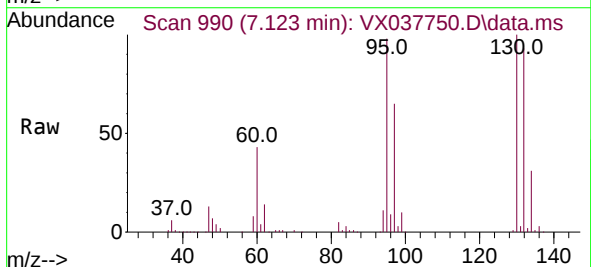
APPROVED

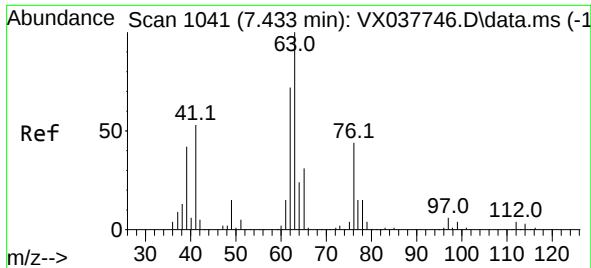
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#44
Trichloroethene
Concen: 51.289 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

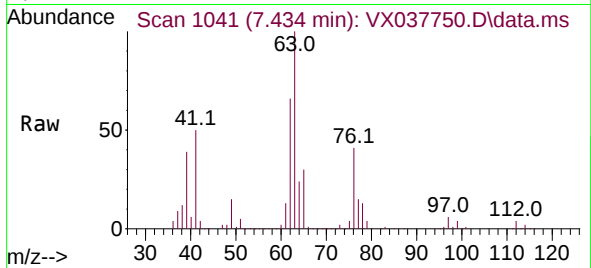
Tgt Ion:130 Resp: 167709
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.318 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

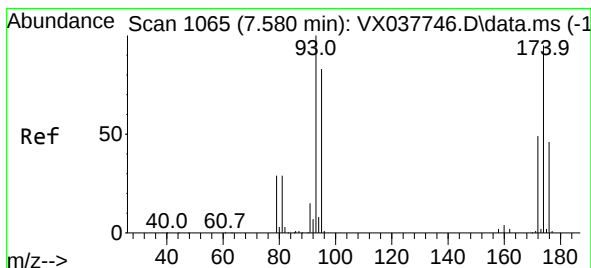
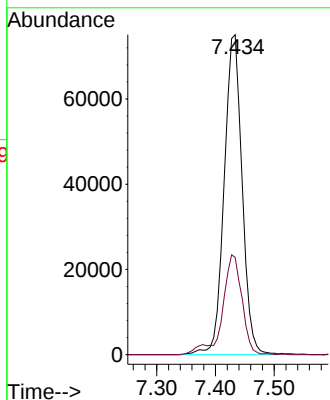
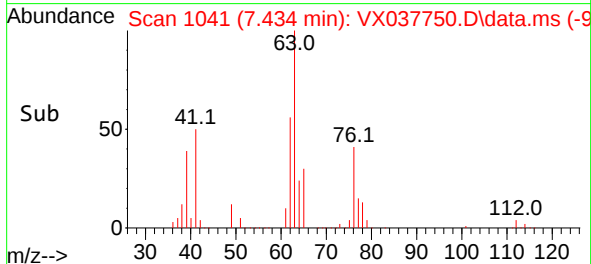
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 63 Resp: 159530
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5

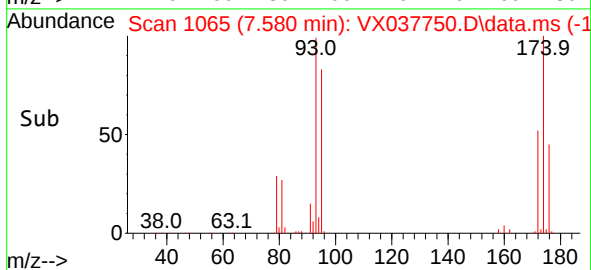
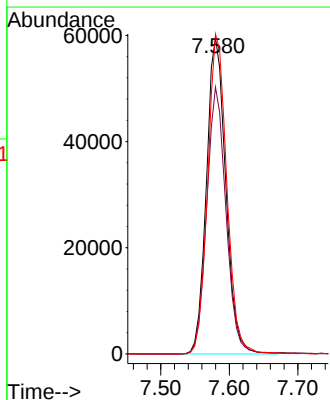
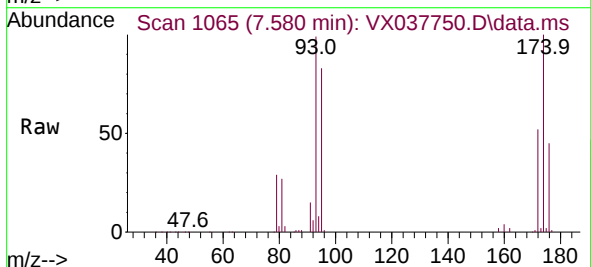
Manual Integrations
APPROVED

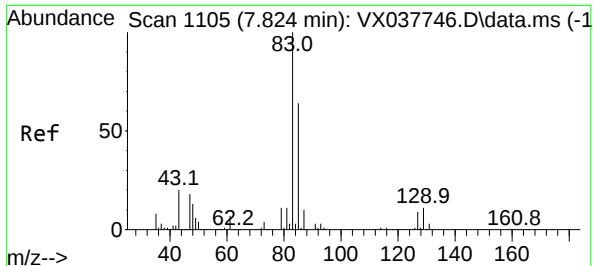
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#46
Dibromomethane
Concen: 53.296 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

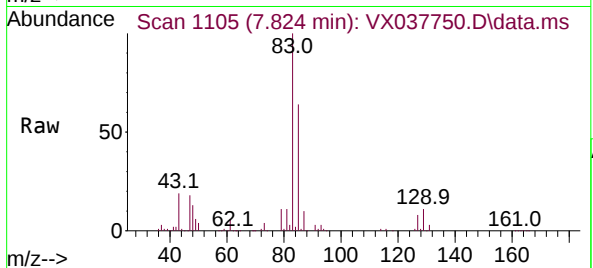
Tgt Ion: 93 Resp: 116900
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 100.1 69.4 104.0





#47
Bromodichloromethane
Concen: 54.638 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

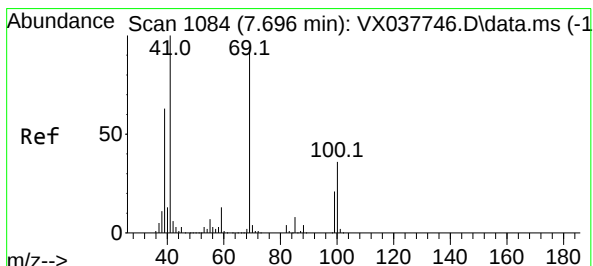
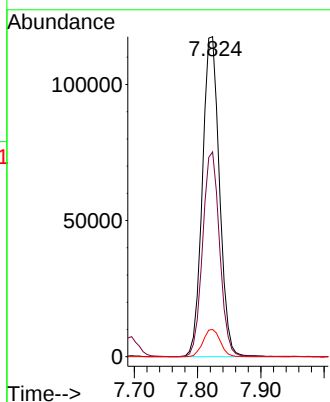
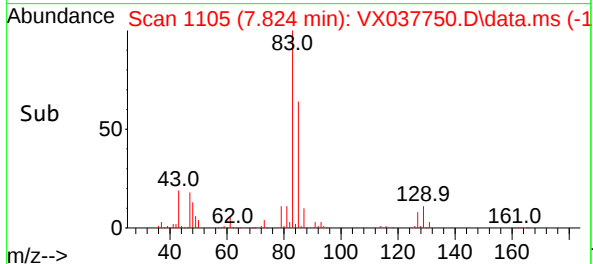
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 83 Resp: 22072
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.5 7.1 10.7

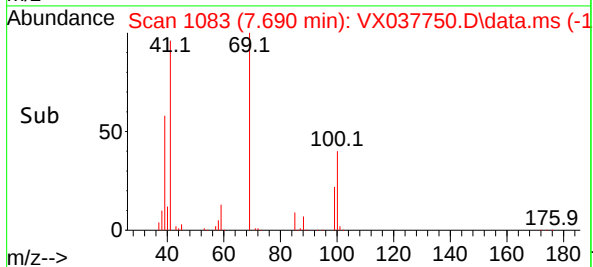
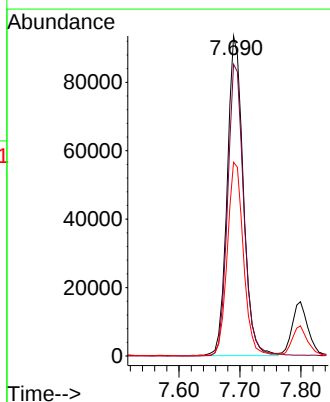
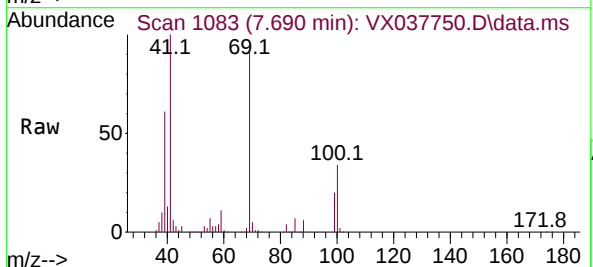
Manual Integrations
APPROVED

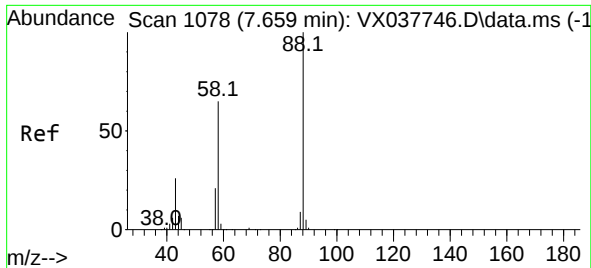
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#48
Methyl methacrylate
Concen: 53.539 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

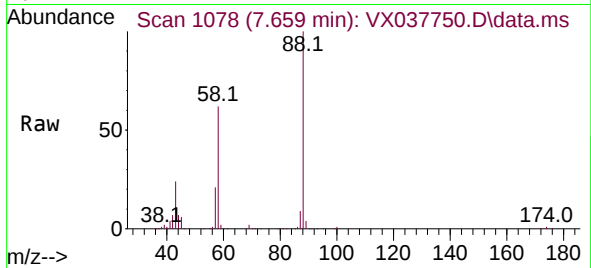
Tgt Ion: 41 Resp: 171784
Ion Ratio Lower Upper
41 100
69 91.3 59.2 88.8#
39 61.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1045.399 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

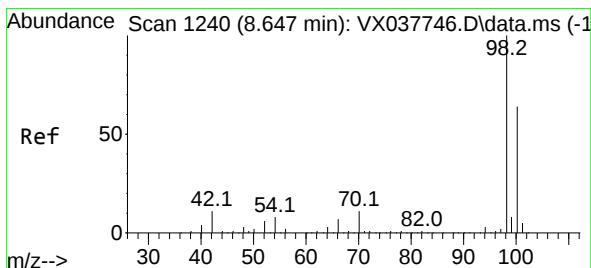
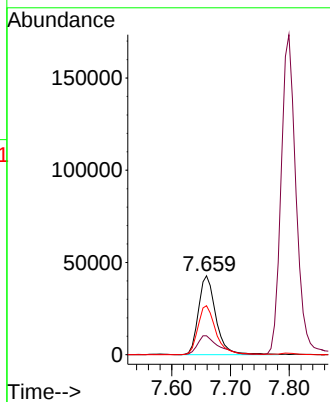
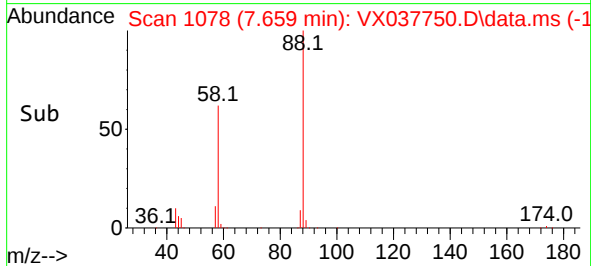
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



Tgt Ion: 88 Resp: 8793
Ion Ratio Lower Upper
88 100
43 28.3 0.0 0.0
58 64.4 60.1 90.1

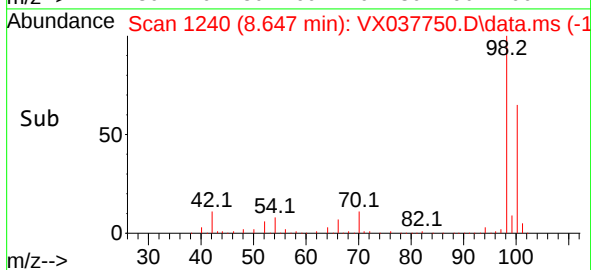
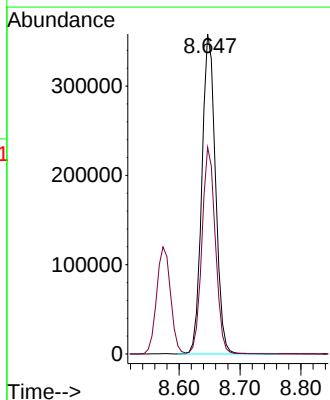
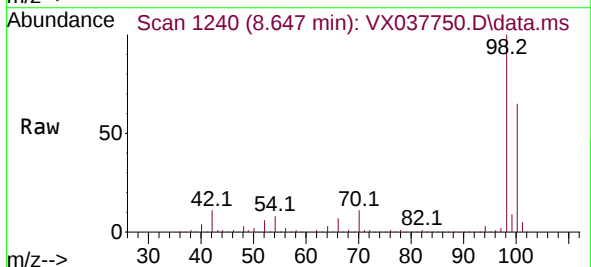
Manual Integrations
APPROVED

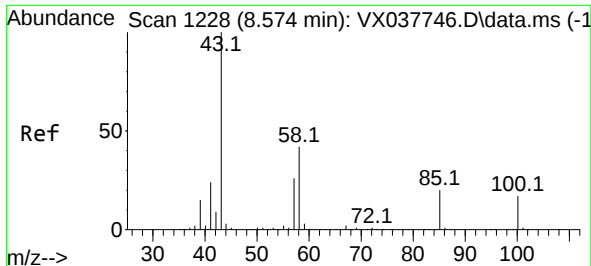
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#50
Toluene-d8
Concen: 53.971 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 98 Resp: 555832
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 265.237 ug/l
RT: 8.574 min Scan# 1129508
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

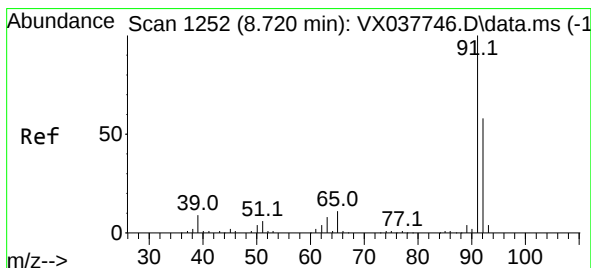
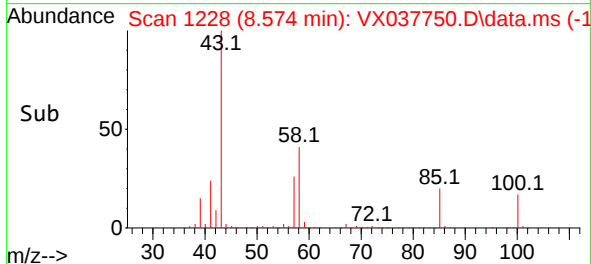
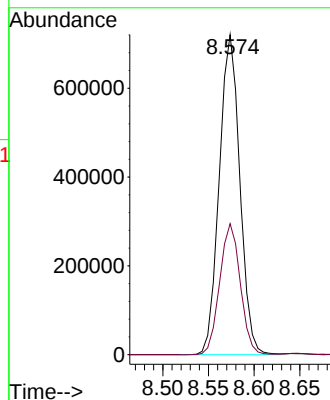
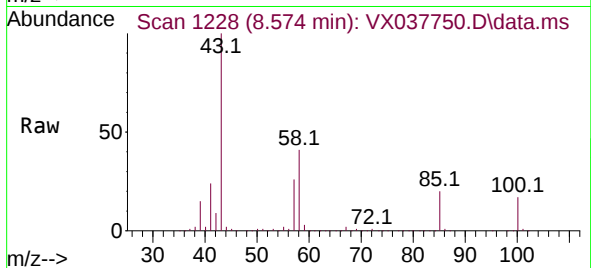
ICVVX091523

Tgt Ion: 43 Resp: 1129508
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

Manual Integrations

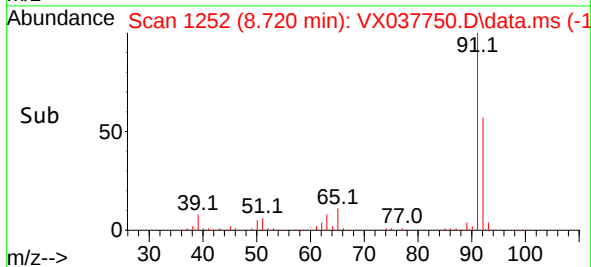
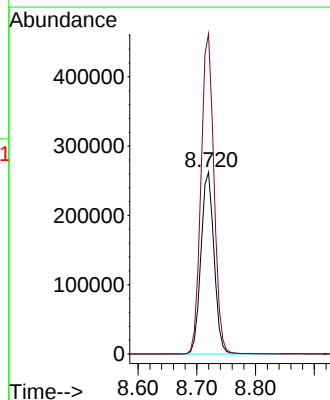
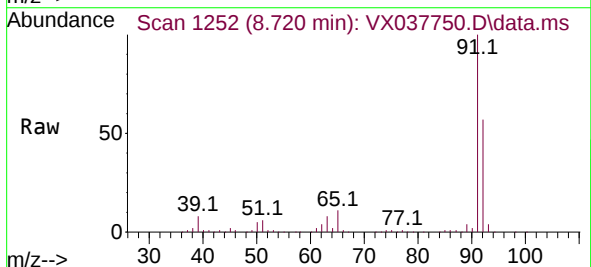
APPROVED

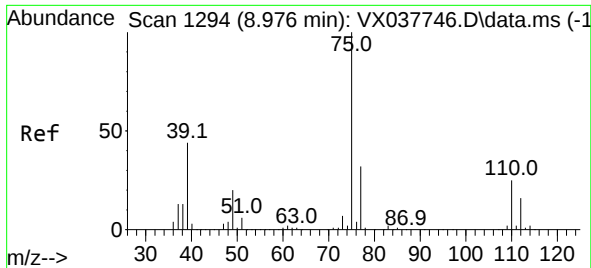
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#52
Toluene
Concen: 53.727 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 92 Resp: 406562
Ion Ratio Lower Upper
92 100
91 174.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 57.704 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.012 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

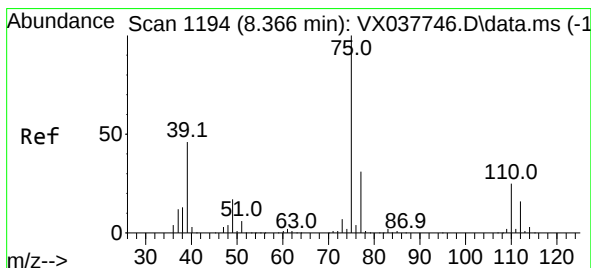
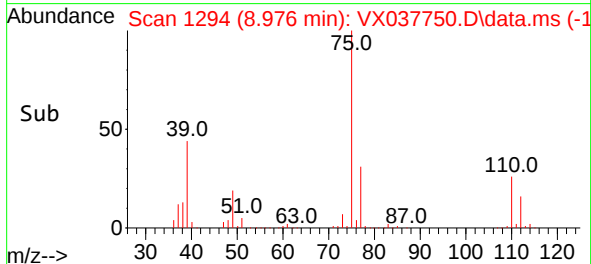
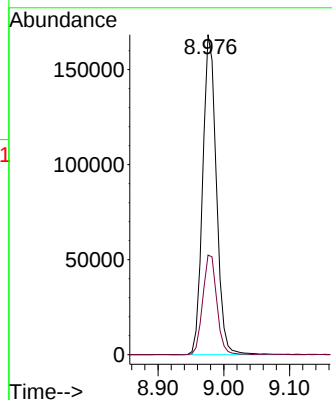
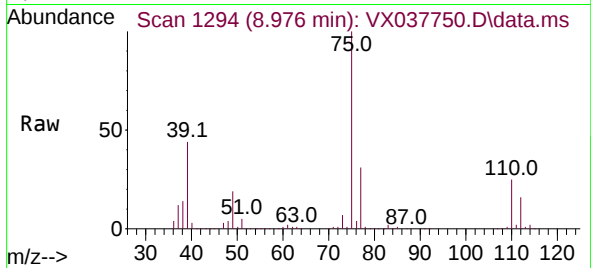
ICVVX091523

Tgt Ion: 75 Resp: 243740
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

Manual Integrations

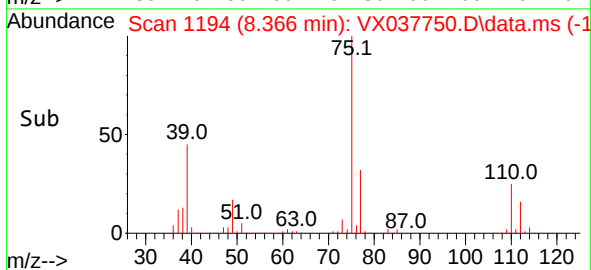
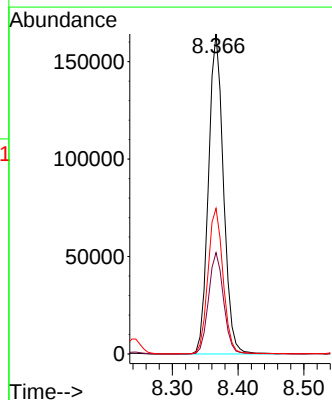
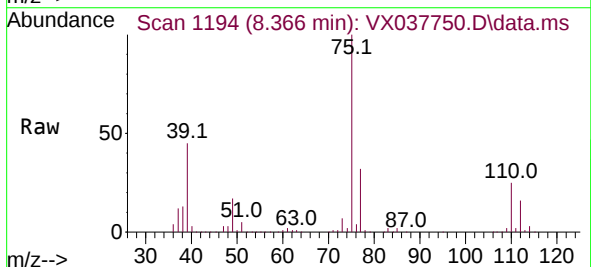
APPROVED

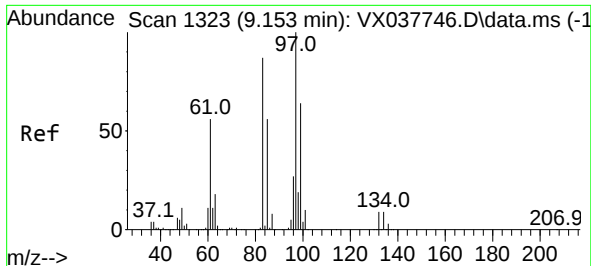
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#54
cis-1,3-Dichloropropene
Concen: 55.701 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 75 Resp: 260391
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 45.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 53.457 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX037750.D

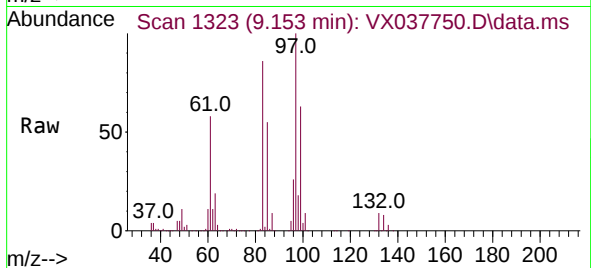
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523



Tgt Ion: 97 Resp: 170552

Ion Ratio Lower Upper

97 100

83 85.9 65.8 98.8

85 55.3 41.6 62.4

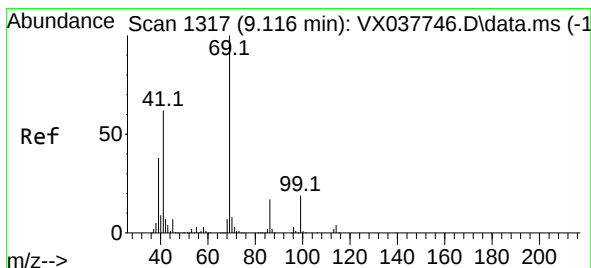
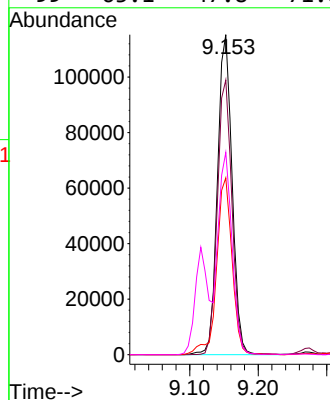
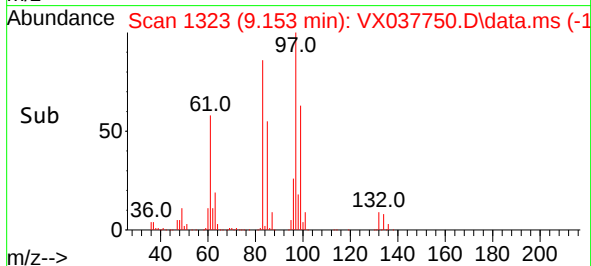
99 63.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#56

Ethyl methacrylate

Concen: 55.812 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

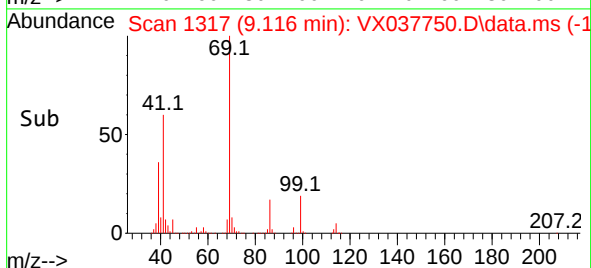
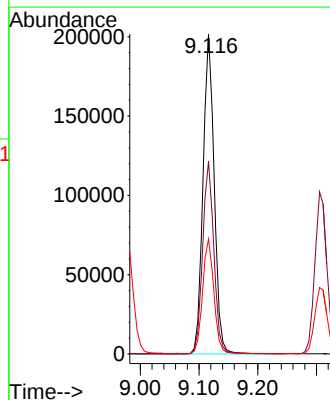
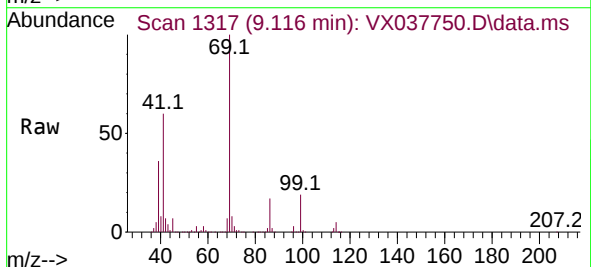
Tgt Ion: 69 Resp: 265827

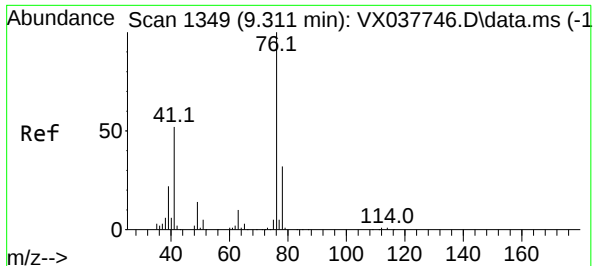
Ion Ratio Lower Upper

69 100

41 60.2 56.8 85.2

39 36.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.181 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 76 Resp: 27455

Ion Ratio Lower Upper

76 100

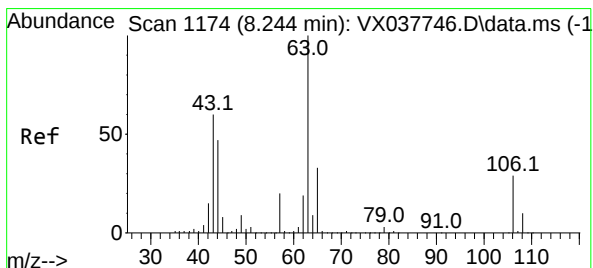
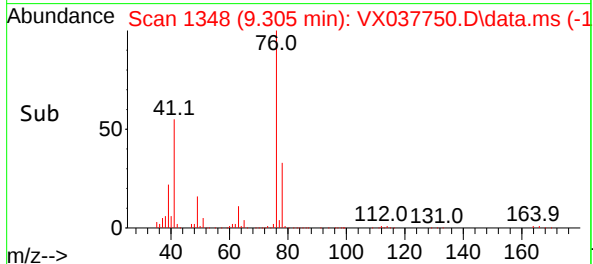
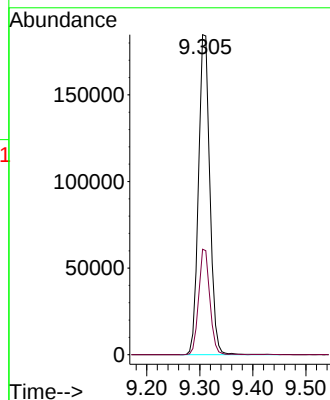
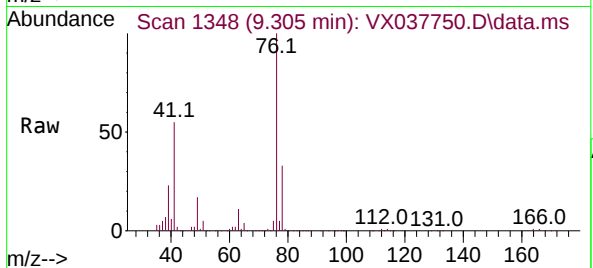
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.884 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037750.D

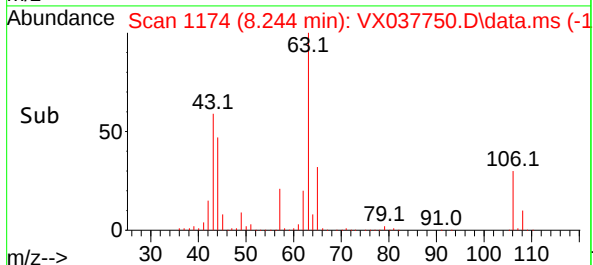
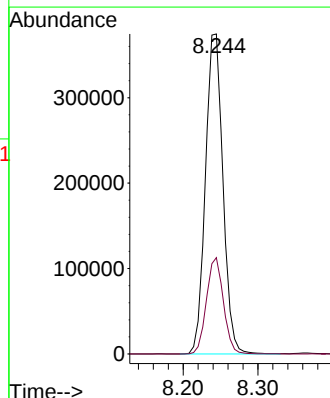
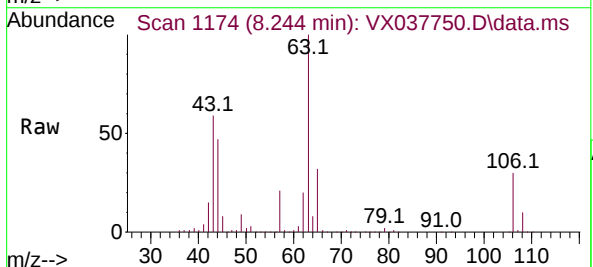
Acq: 15 Sep 2023 13:04

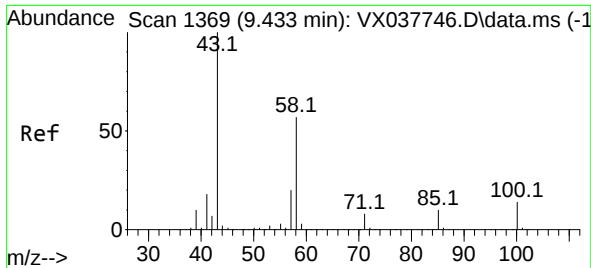
Tgt Ion: 63 Resp: 609128

Ion Ratio Lower Upper

63 100

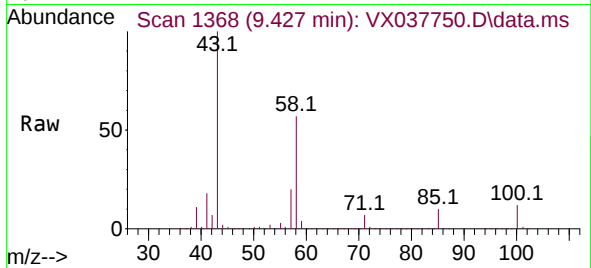
106 29.1 22.5 33.7





#59
2-Hexanone
Concen: 269.176 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

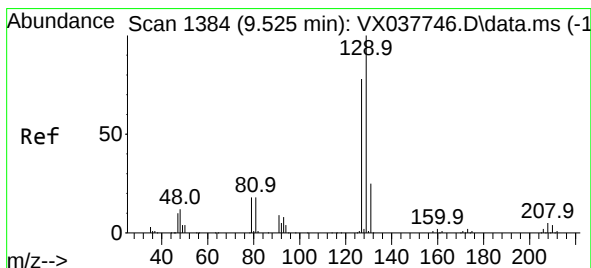
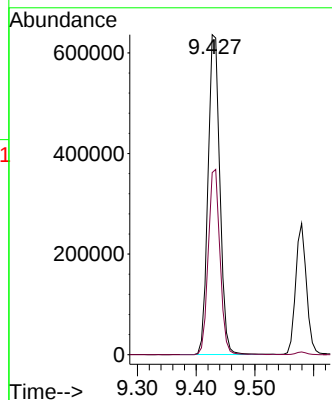
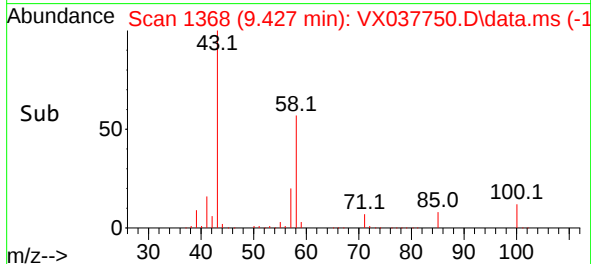
Instrument :
MSVOA_X
ClientSampleId :
ICVX091523



Tgt Ion: 43 Resp: 89249
Ion Ratio Lower Upper
43 100
58 57.4 26.2 78.5

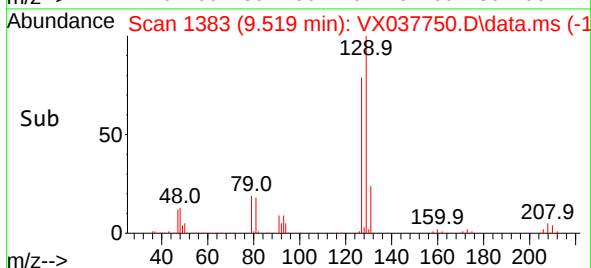
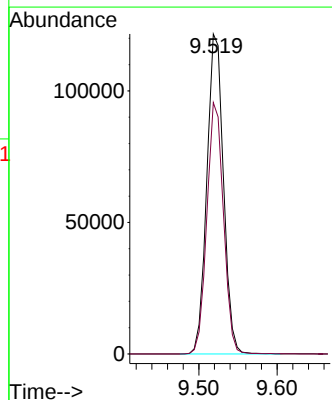
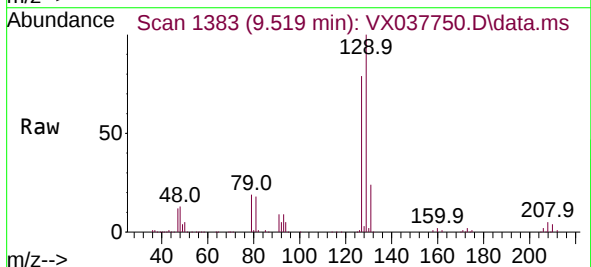
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 56.200 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion:129 Resp: 178619
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.416 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVX091523

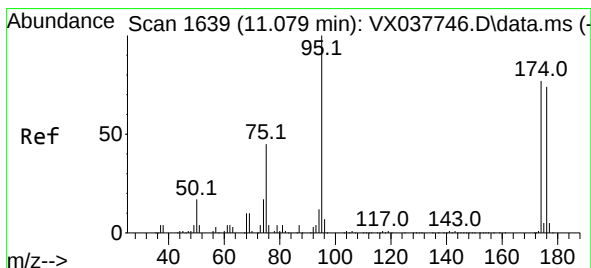
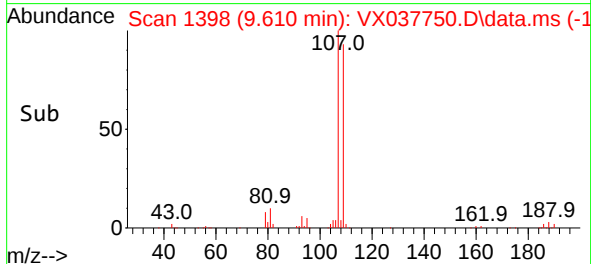
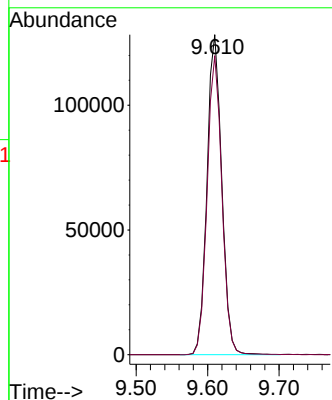
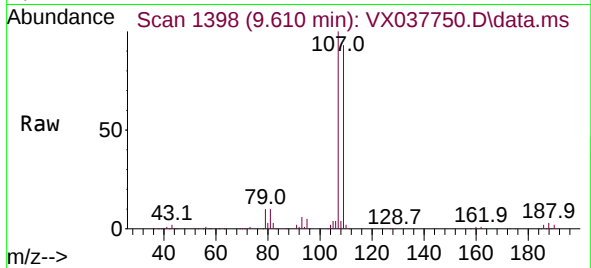
Tgt Ion:107 Resp: 18381
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations

APPROVED

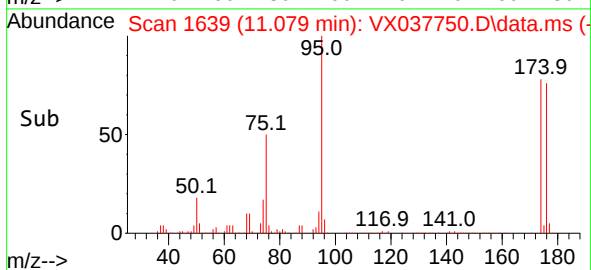
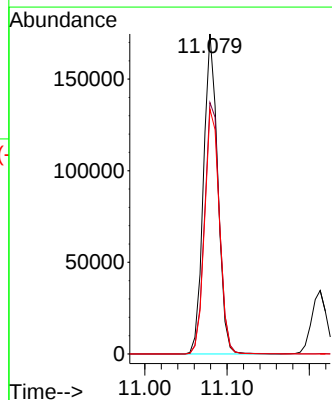
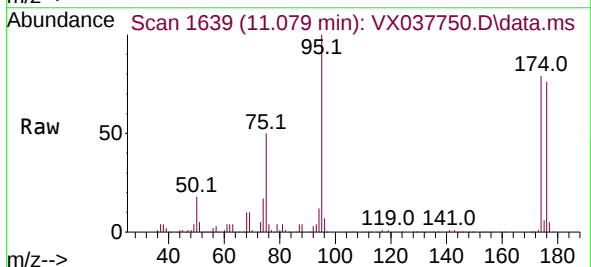
Reviewed By :John Carlone 09/18/2023

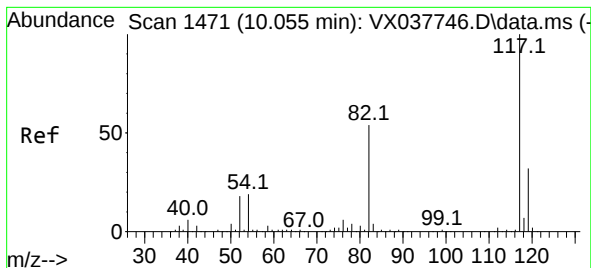
Supervised By :Mahesh Dadoda 09/18/2023



#62
4-Bromofluorobenzene
Concen: 56.098 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

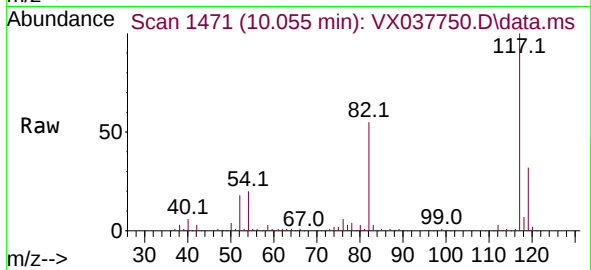
Tgt Ion: 95 Resp: 209940
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 79.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

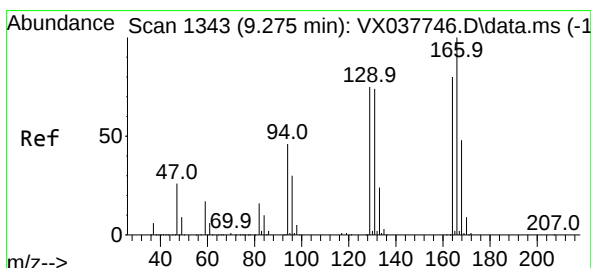
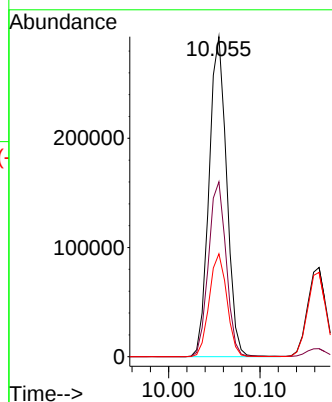
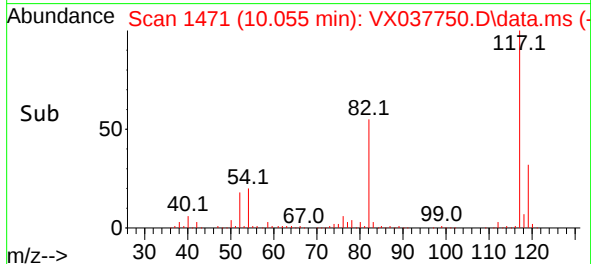
Instrument : MSVOA_X
ClientSampleId : ICVVX091523



Tgt Ion:117 Resp: 391327
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3

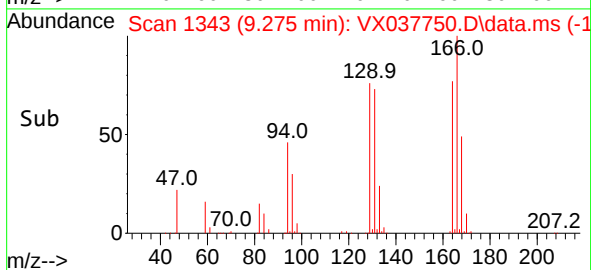
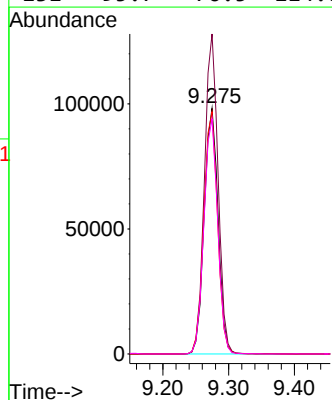
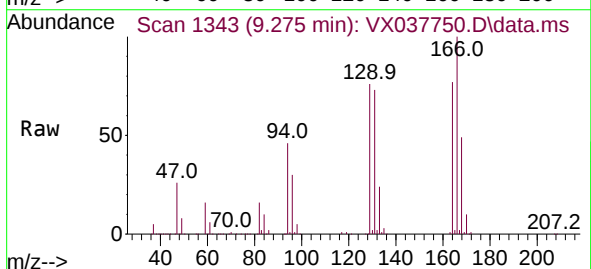
Manual Integrations
APPROVED

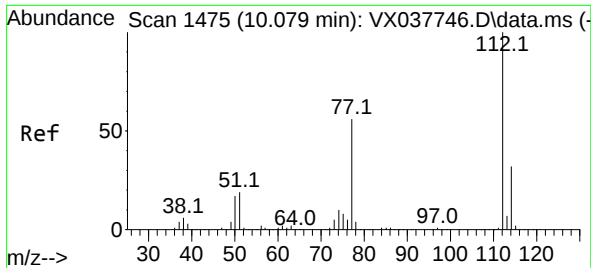
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#64
Tetrachloroethene
Concen: 54.053 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

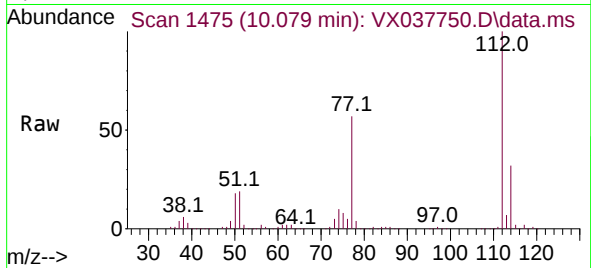
Tgt Ion:164 Resp: 144255
Ion Ratio Lower Upper
164 100
166 130.3 102.7 154.1
129 98.6 80.4 120.6
131 95.7 76.5 114.7





#65
Chlorobenzene
Concen: 52.507 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

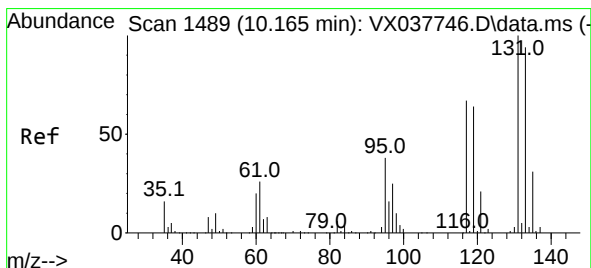
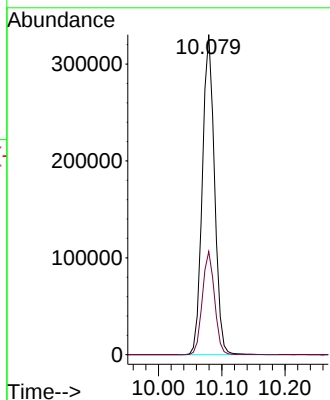
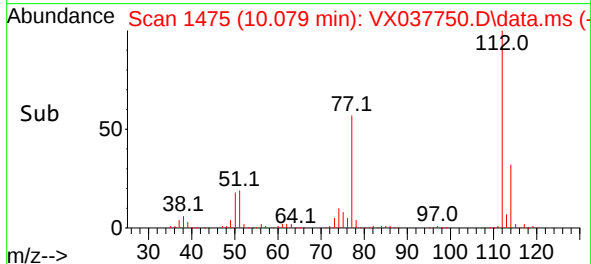
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



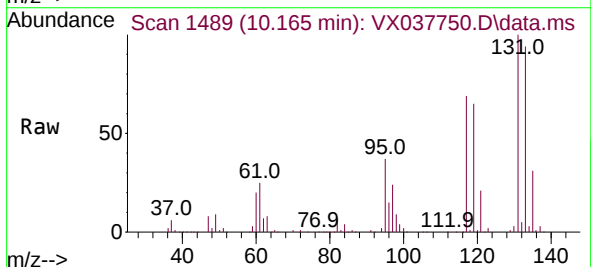
Tgt Ion:112 Resp: 44321
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

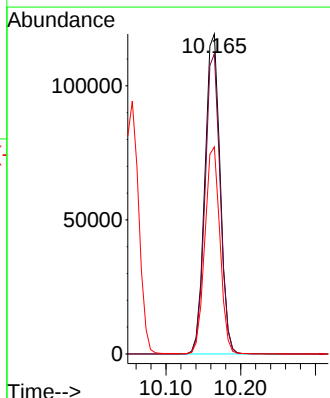
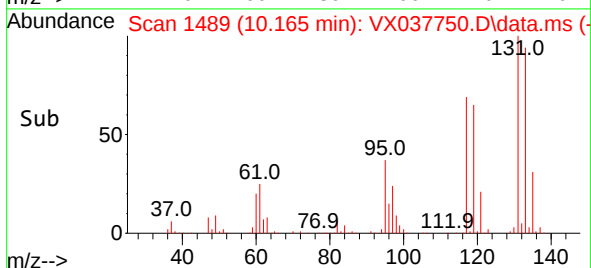
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

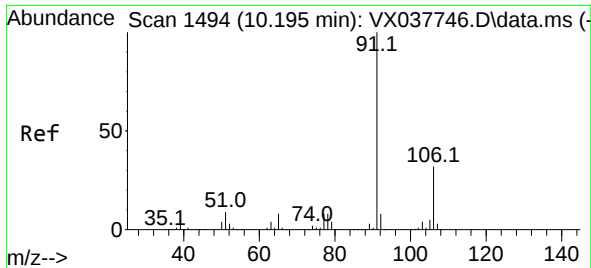


#66
1,1,1,2-Tetrachloroethane
Concen: 56.378 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



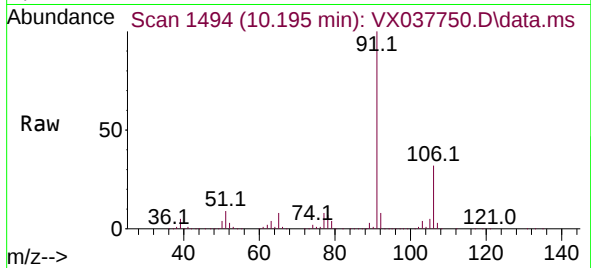
Tgt Ion:131 Resp: 168644
Ion Ratio Lower Upper
131 100
133 93.1 47.1 141.4
119 64.3 32.2 96.6





#67
Ethyl Benzene
Concen: 55.176 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

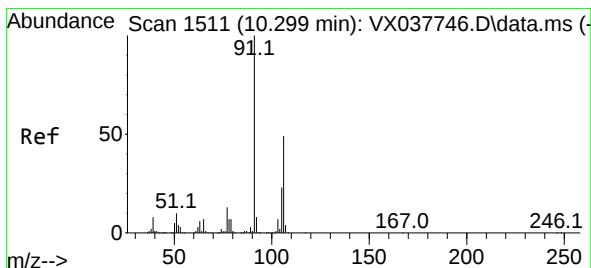
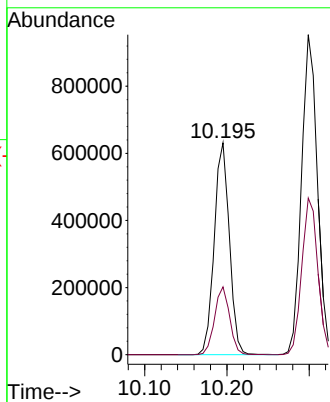
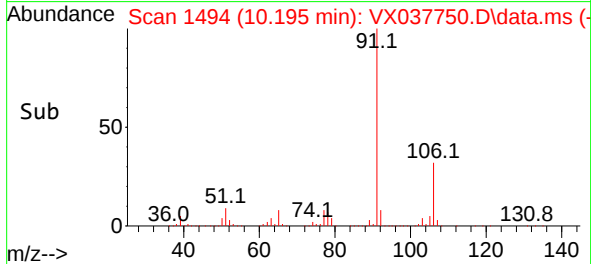
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



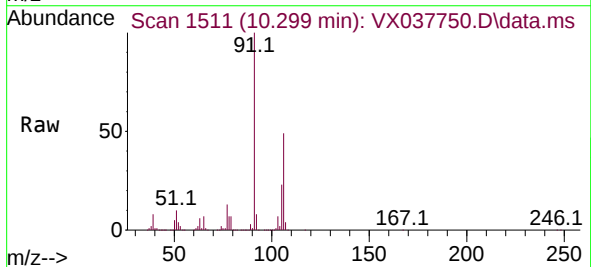
Tgt Ion: 91 Resp: 807479
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

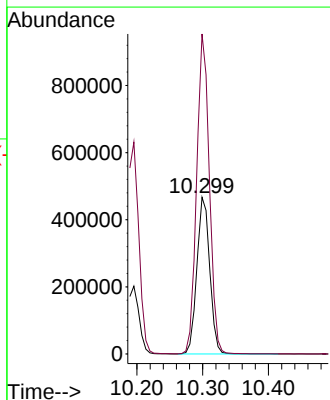
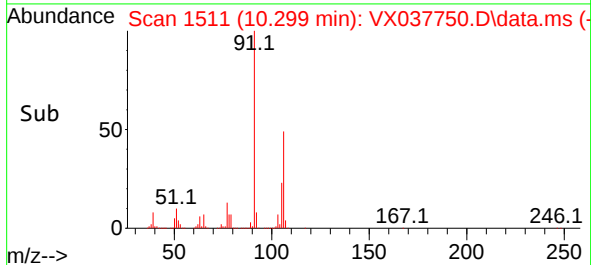
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

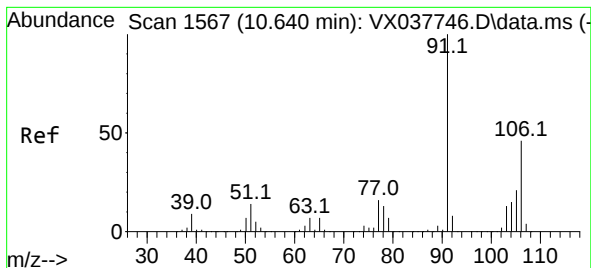


#68
m/p-Xylenes
Concen: 112.091 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



Tgt Ion:106 Resp: 633871
Ion Ratio Lower Upper
106 100
91 201.5 165.5 248.3





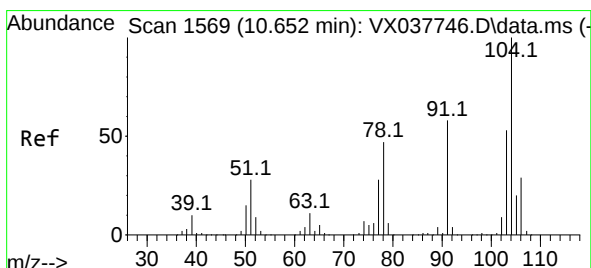
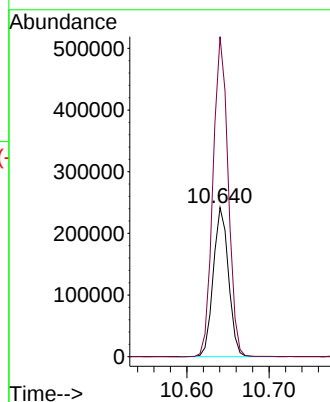
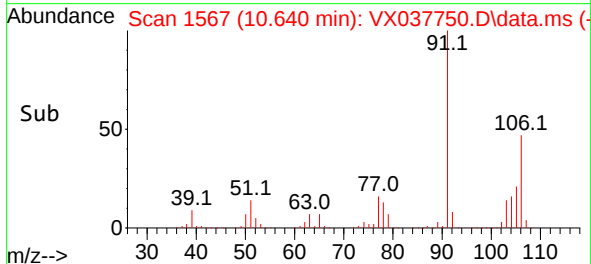
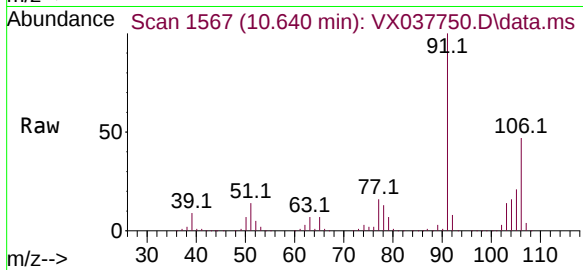
#69
o-Xylene
Concen: 54.838 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523

Tgt Ion:106 Resp: 31097
Ion Ratio Lower Upper
106 100
91 214.0 108.9 326.8

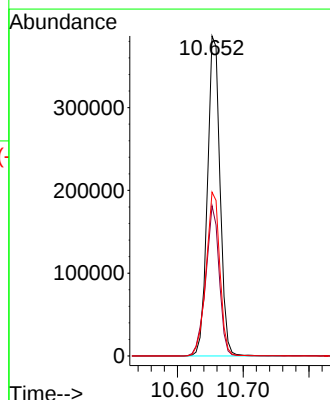
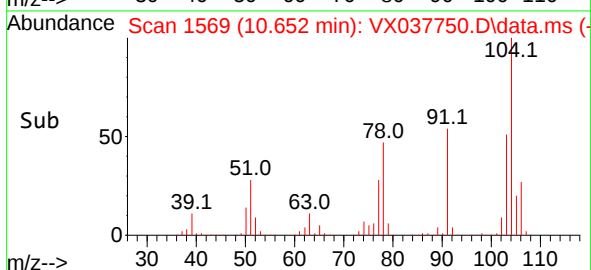
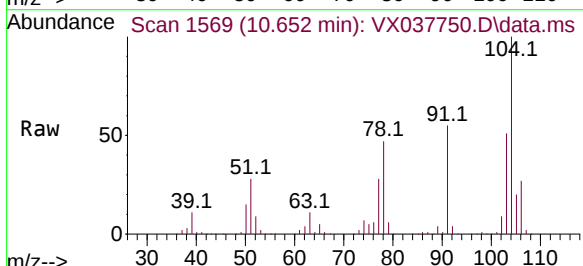
Manual Integrations
APPROVED

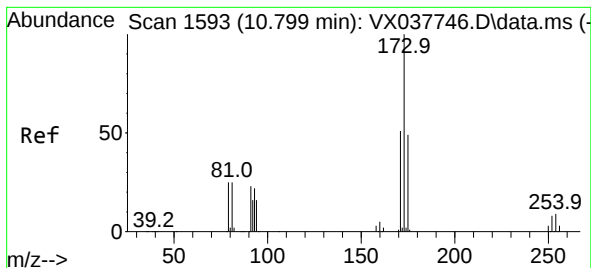
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#70
Styrene
Concen: 56.612 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion:104 Resp: 515377
Ion Ratio Lower Upper
104 100
78 50.1 43.6 65.4
103 55.9 43.6 65.4





#71

Bromoform

Concen: 58.147 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVX091523

Tgt Ion:173 Resp: 137404

Ion Ratio Lower Upper

173 100

175 49.5 24.1 72.4

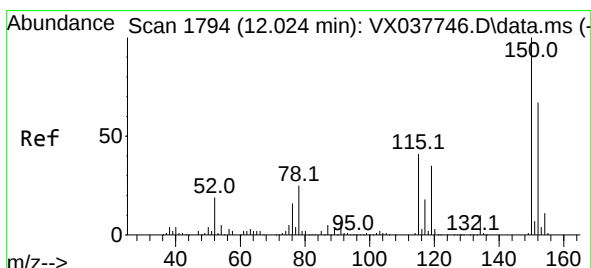
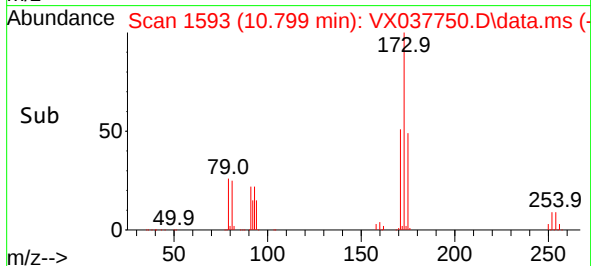
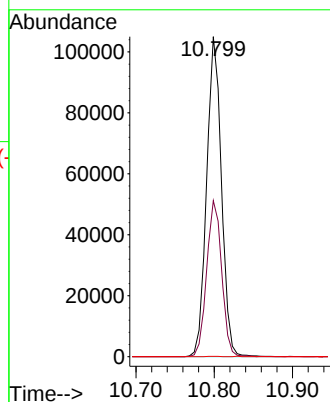
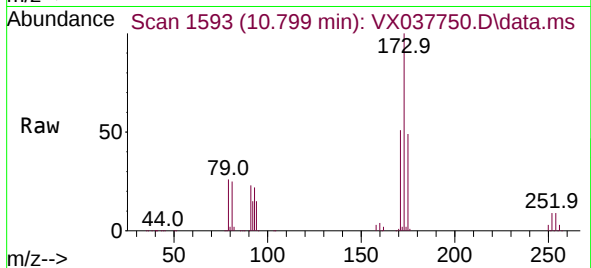
254 0.1 0.0 0.0

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: VX037750.D

Acq: 15 Sep 2023 13:04

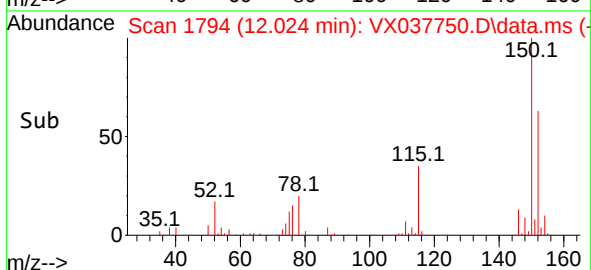
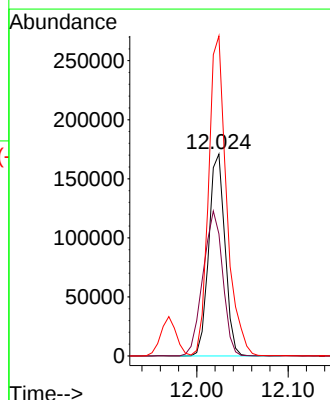
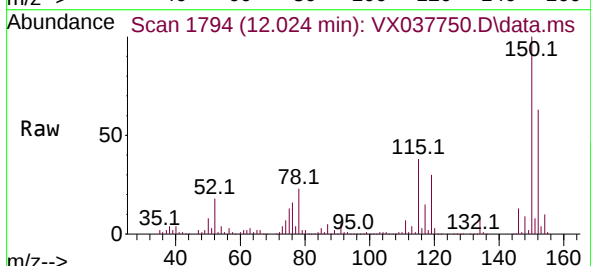
Tgt Ion:152 Resp: 209837

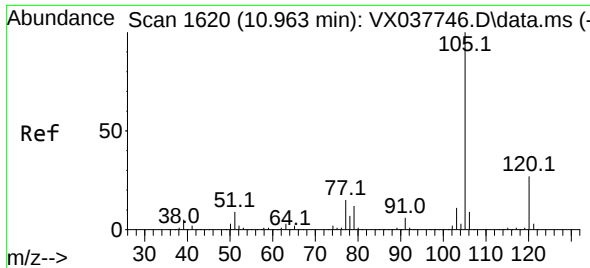
Ion Ratio Lower Upper

152 100

115 87.6 43.3 129.9

150 176.5 0.0 345.0





#73
Isopropylbenzene
Concen: 53.380 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

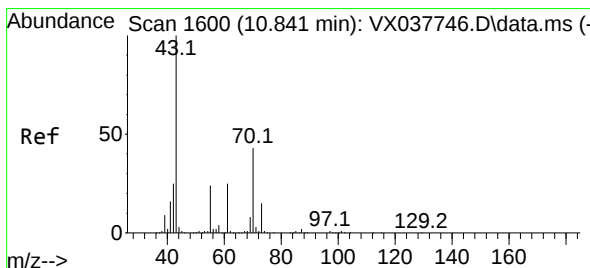
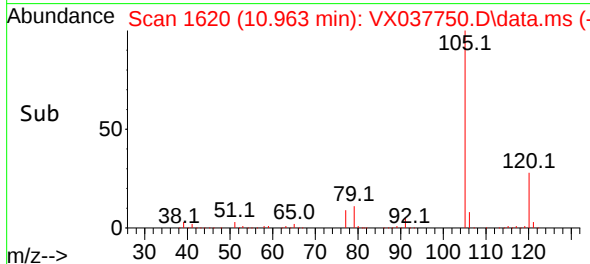
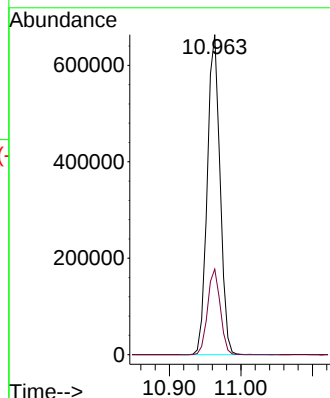
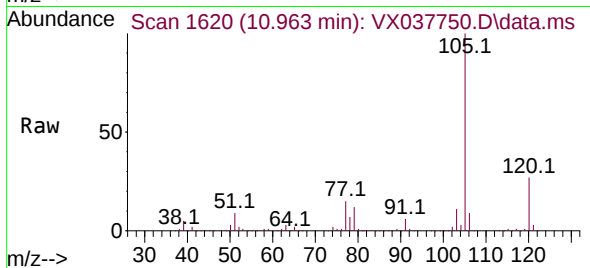
ClientSampleId :

ICVVX091523

Tgt Ion:105 Resp: 82176
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

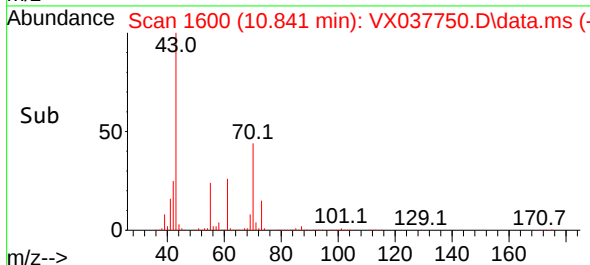
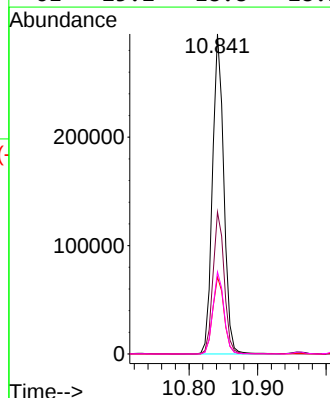
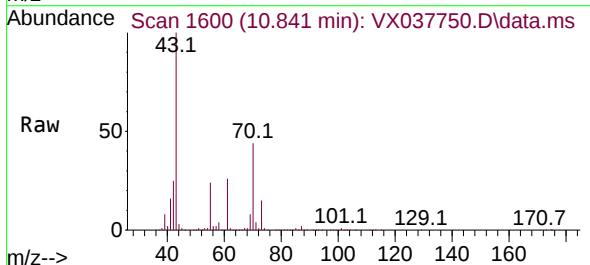
Manual Integrations
APPROVED

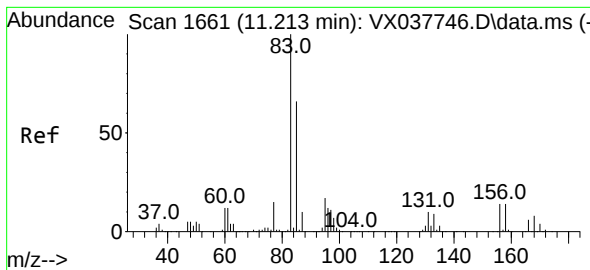
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#74
N-ethyl acetate
Concen: 54.467 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 43 Resp: 339583
Ion Ratio Lower Upper
43 100
70 44.4 32.9 49.3
55 24.2 19.3 28.9
61 25.2 18.8 28.2





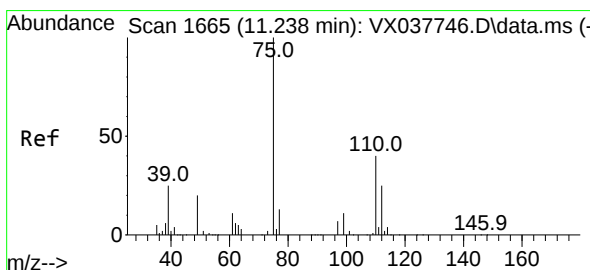
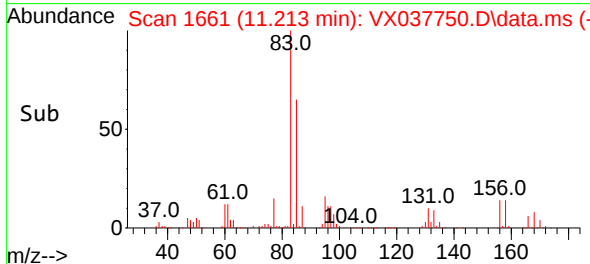
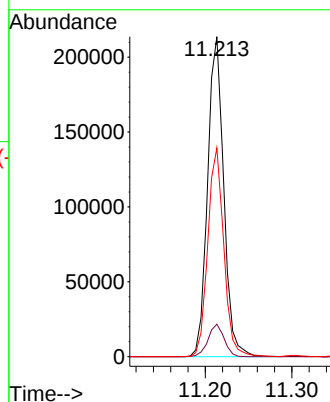
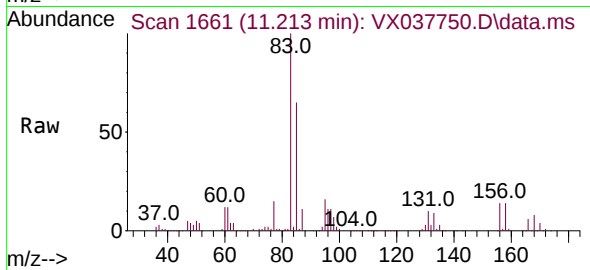
#75
1,1,2,2-Tetrachloroethane
Concen: 51.001 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument : MSVOA_X
ClientSampleId : ICVVX091523

Tgt Ion: 83 Resp: 27613
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 64.8 32.0 96.2

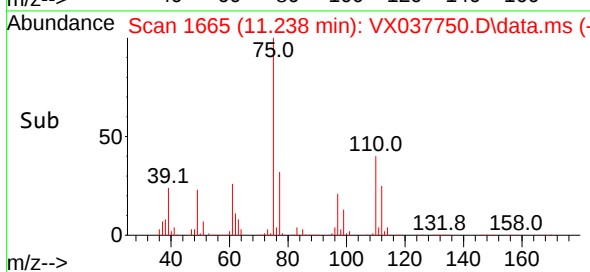
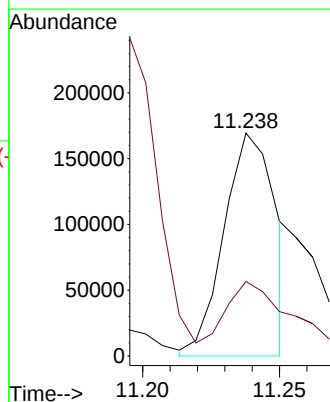
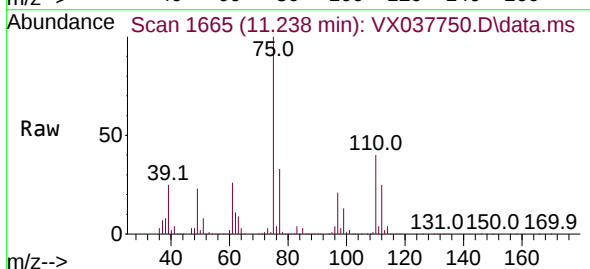
Manual Integrations
APPROVED

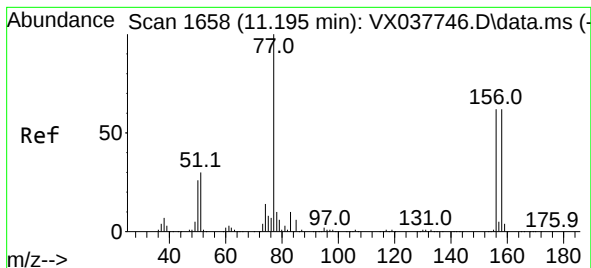
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#76
1,2,3-Trichloropropane
Concen: 45.506 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 75 Resp: 220854
Ion Ratio Lower Upper
75 100
77 44.6 19.1 57.5





#77

Bromobenzene

Concen: 53.730 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVX091523

Tgt Ion:156 Resp: 20473

Ion Ratio Lower Upper

156 100

77 150.9 88.4 265.3

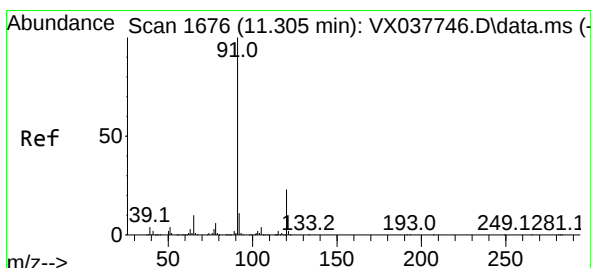
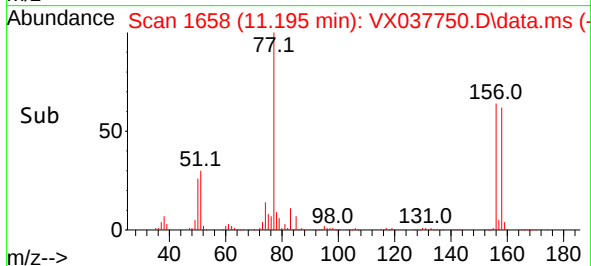
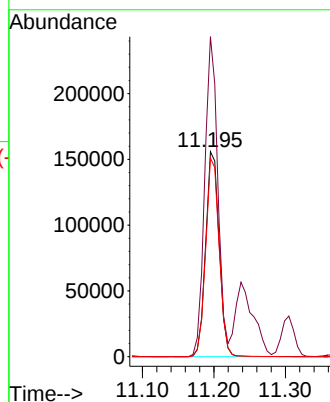
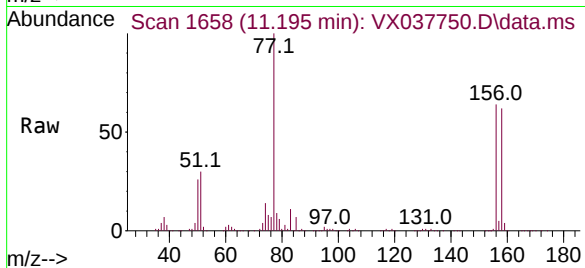
158 96.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#78

n-propylbenzene

Concen: 55.493 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037750.D

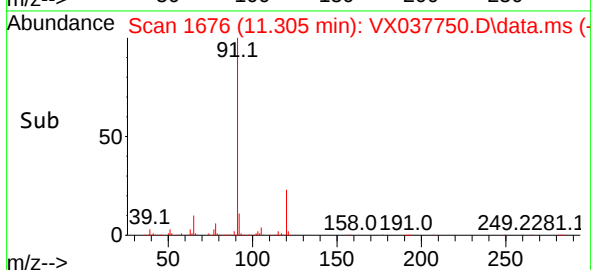
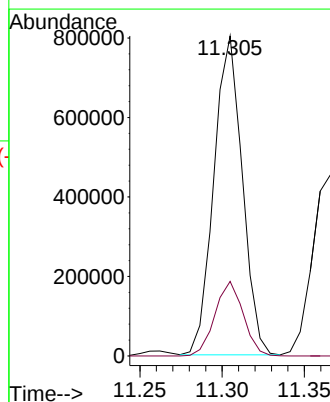
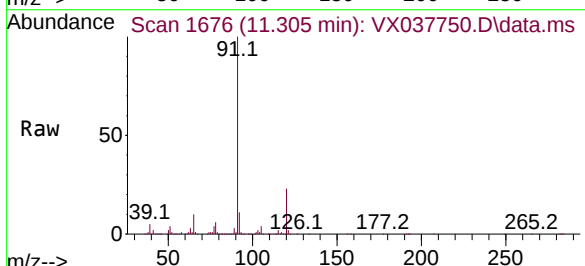
Acq: 15 Sep 2023 13:04

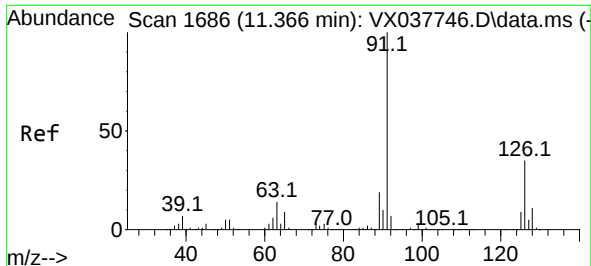
Tgt Ion: 91 Resp: 964802

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.213 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 91 Resp: 57044

Ion Ratio Lower Upper

91 100

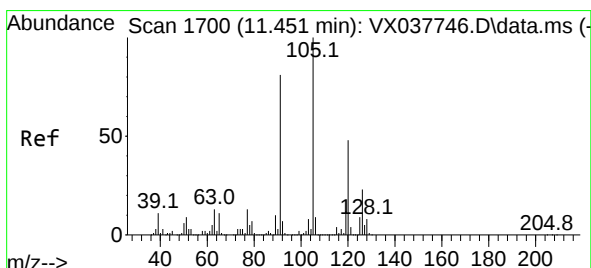
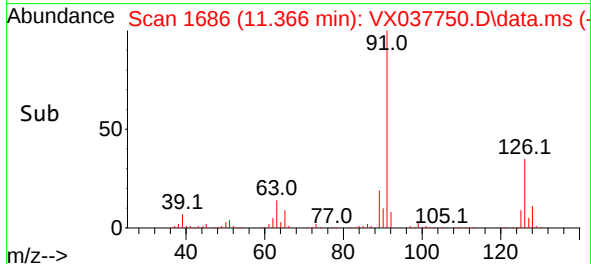
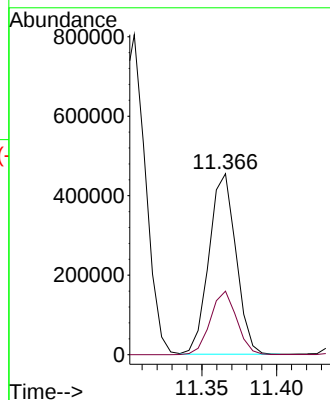
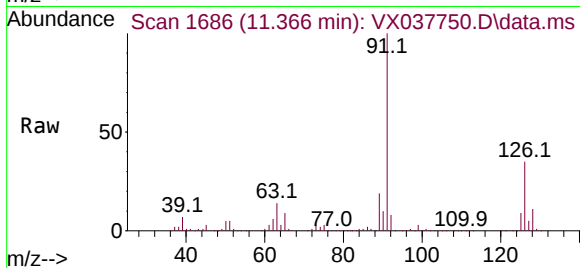
126 34.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 55.000 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX037750.D

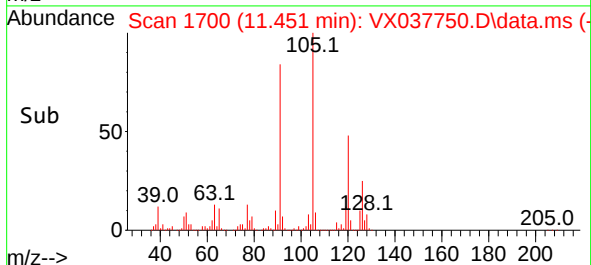
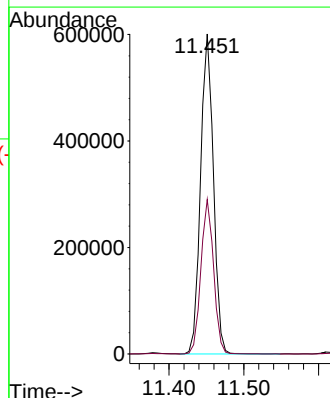
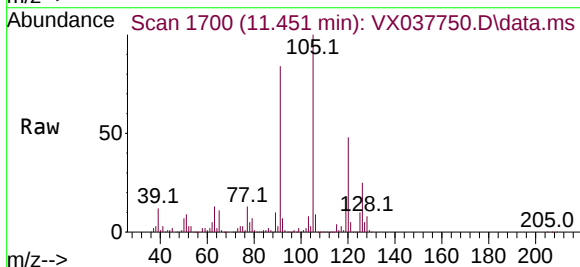
Acq: 15 Sep 2023 13:04

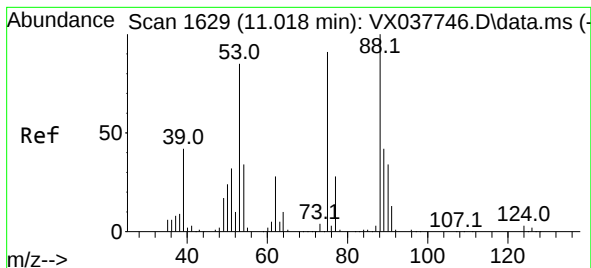
Tgt Ion:105 Resp: 715039

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.3





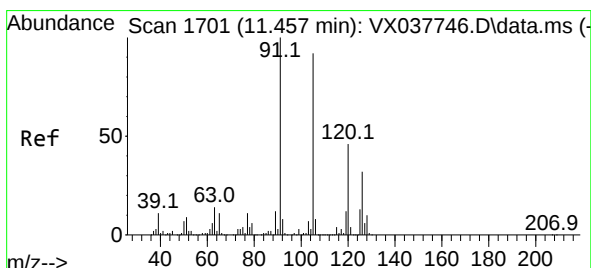
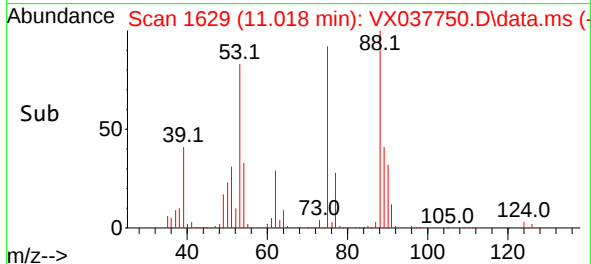
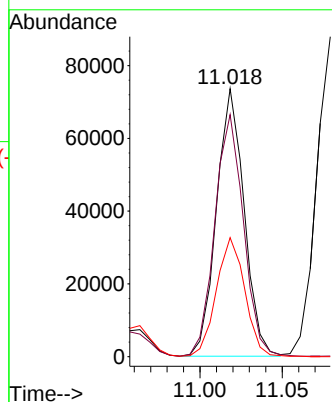
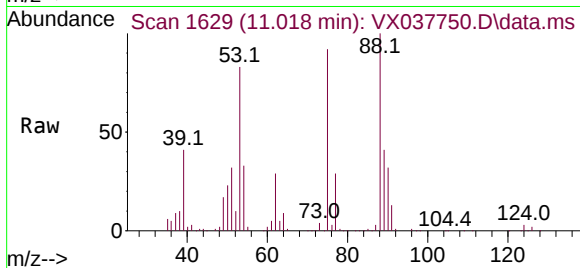
#81
trans-1,4-Dichloro-2-butene
Concen: 56.692 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523

Tgt Ion: 75 Resp: 8589
Ion Ratio Lower Upper
75 100
53 93.6 90.5 135.7
89 46.0 36.9 55.3

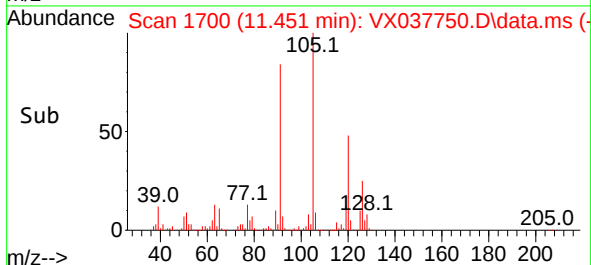
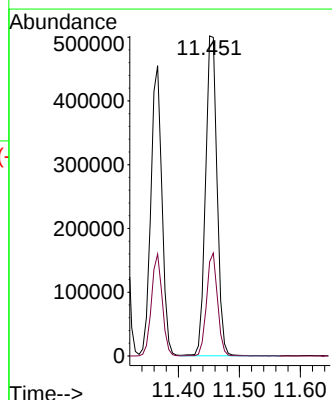
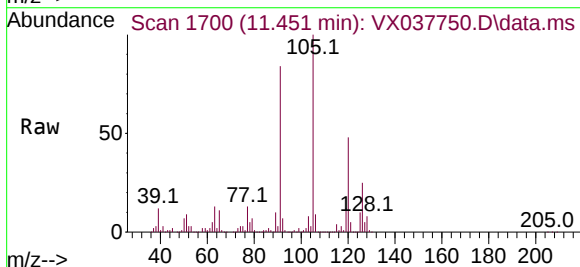
Manual Integrations
APPROVED

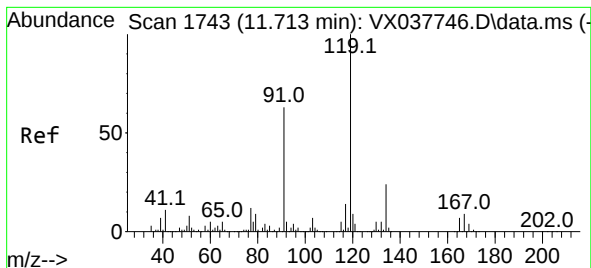
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023



#82
4-Chlorotoluene
Concen: 54.619 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

Tgt Ion: 91 Resp: 659176
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.981 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion:119 Resp: 70928

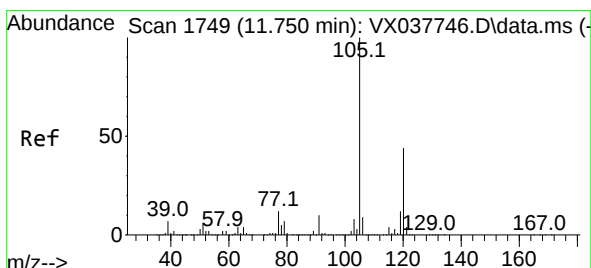
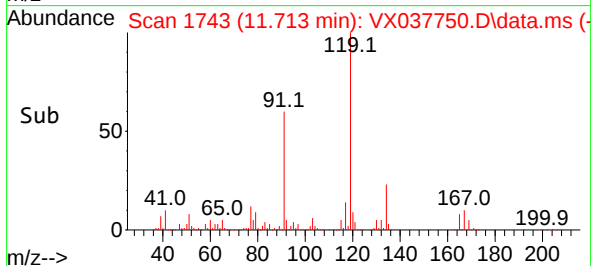
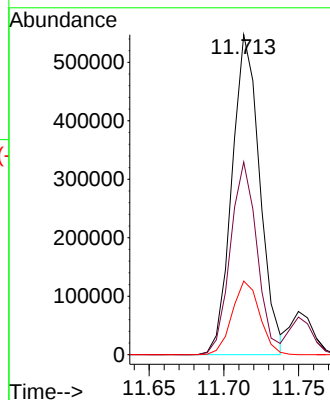
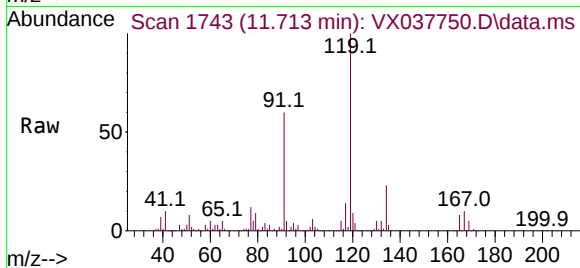
Ion	Ratio	Lower	Upper
119	100		
91	57.8	31.2	93.6
134	22.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#84

1,2,4-Trimethylbenzene

Concen: 55.113 ug/l

RT: 11.750 min Scan# 1749

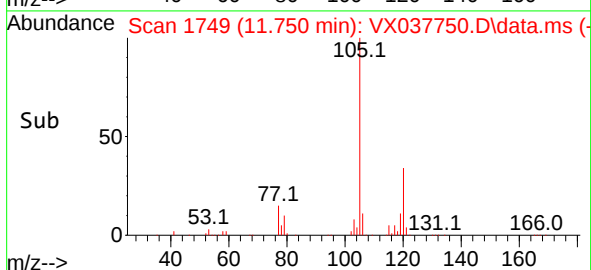
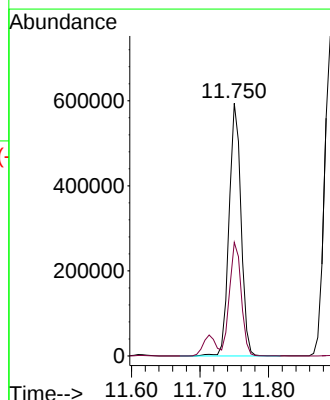
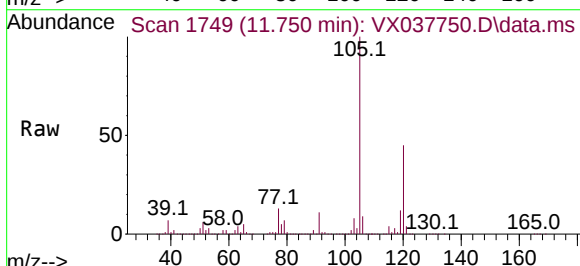
Delta R.T. -0.006 min

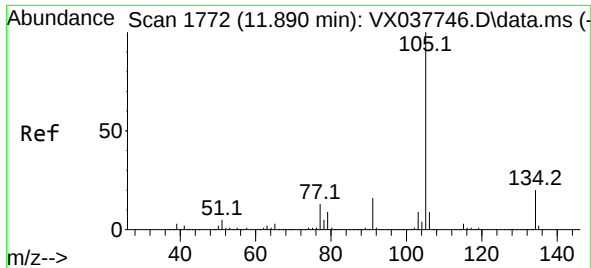
Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Tgt Ion:105 Resp: 712895

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.2	63.6





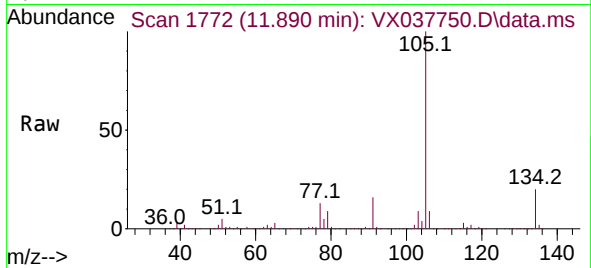
#85
 sec-Butylbenzene
 Concen: 56.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523



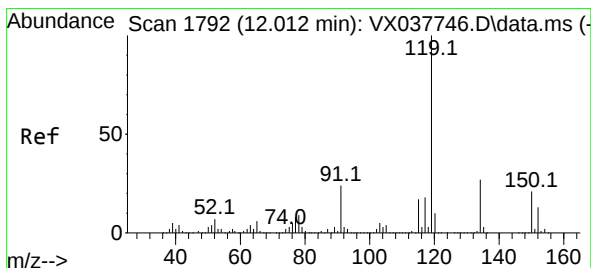
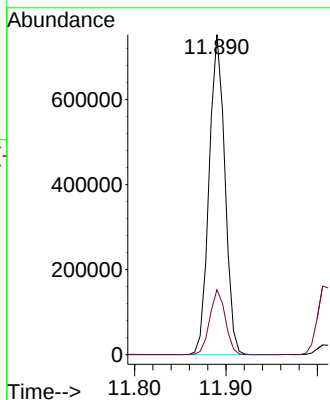
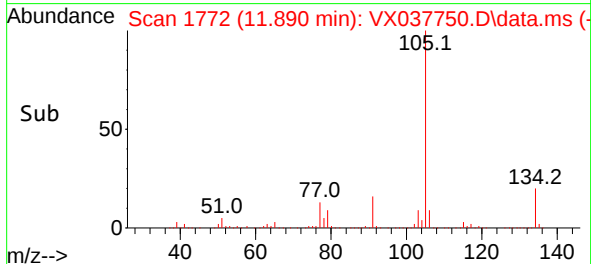
Tgt Ion:105 Resp: 898089
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations

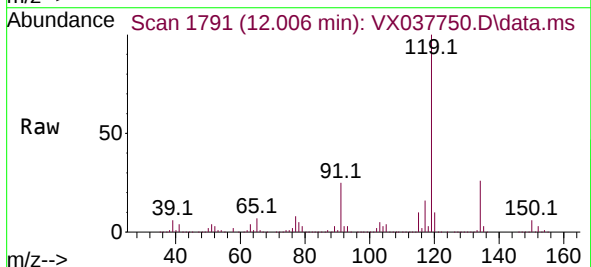
APPROVED

Reviewed By :John Carlone 09/18/2023

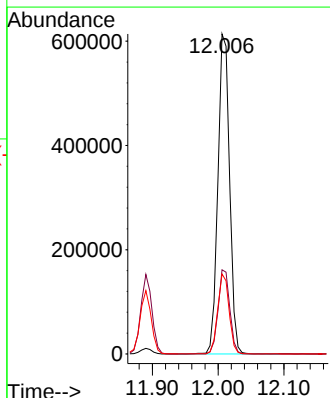
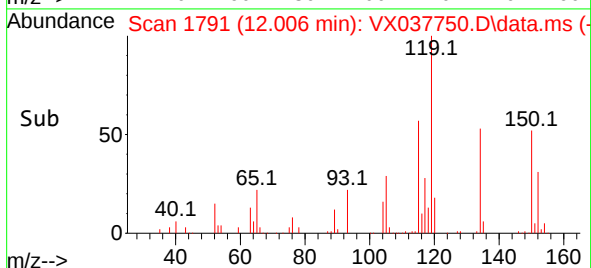
Supervised By :Mahesh Dadoda 09/18/2023

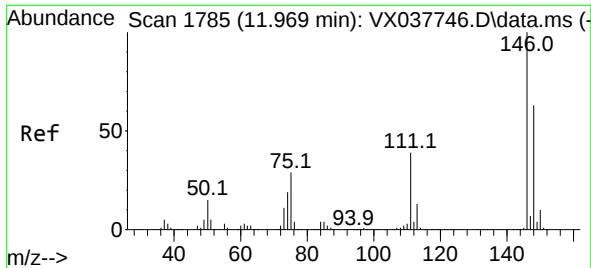


#86
 p-Isopropyltoluene
 Concen: 57.172 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037750.D
 Acq: 15 Sep 2023 13:04



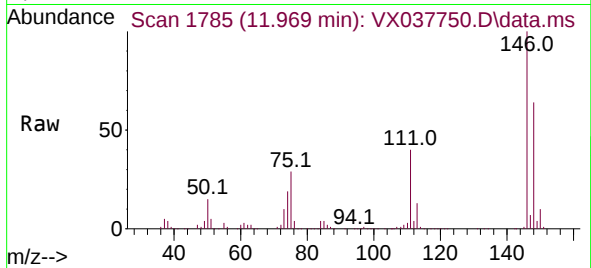
Tgt Ion:119 Resp: 759311
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 54.371 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

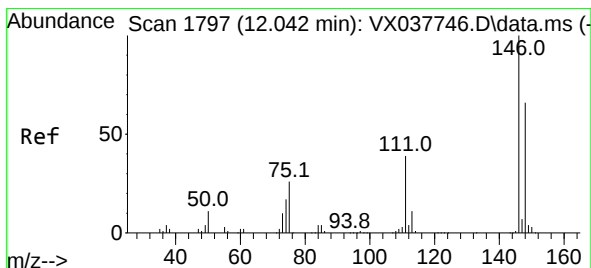
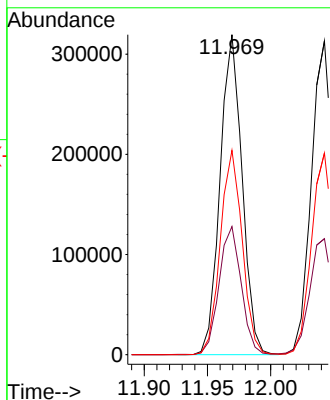
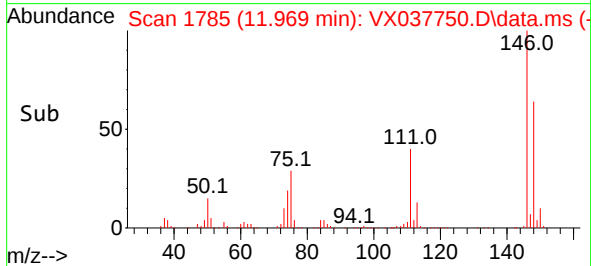
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



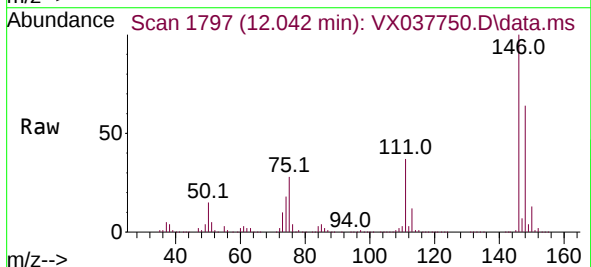
Tgt Ion:146 Resp: 386185
Ion Ratio Lower Upper
146 100
111 40.4 22.1 66.1
148 63.6 31.8 95.3

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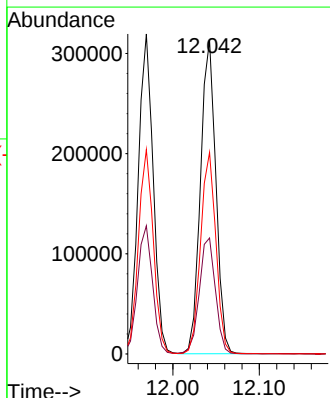
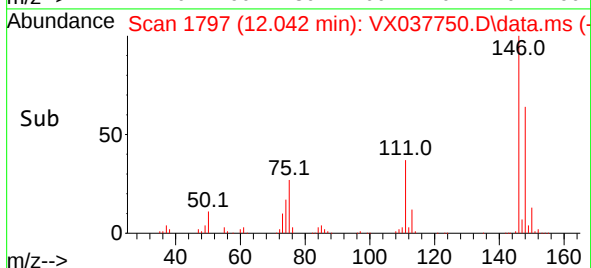
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

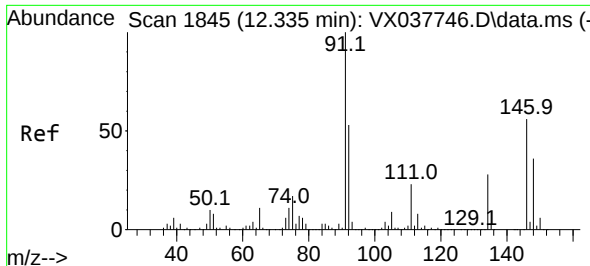


#88
1,4-Dichlorobenzene
Concen: 53.156 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



Tgt Ion:146 Resp: 386355
Ion Ratio Lower Upper
146 100
111 38.8 21.3 63.7
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 59.063 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX037750.D

Acq: 15 Sep 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091523

Tgt Ion: 91 Resp: 68718

Ion Ratio Lower Upper

91 100

92 52.2 27.4 82.0

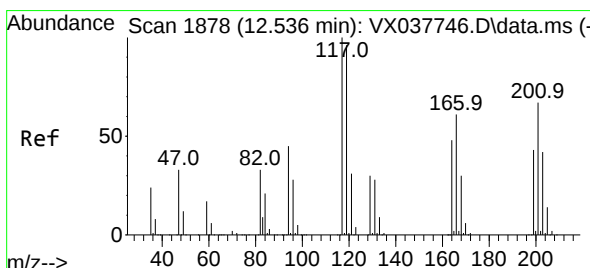
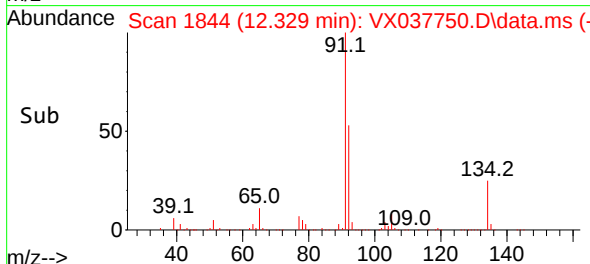
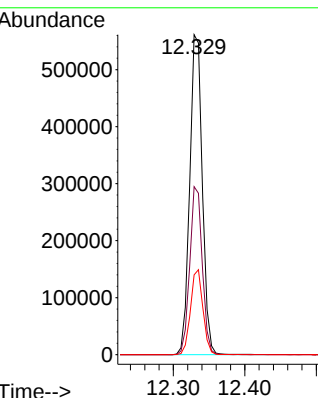
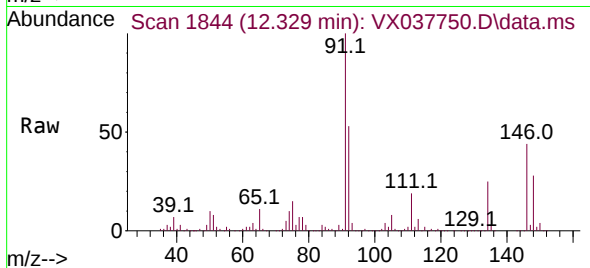
134 26.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/18/2023

Supervised By :Mahesh Dadoda 09/18/2023



#90

Hexachloroethane

Concen: 57.411 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX037750.D

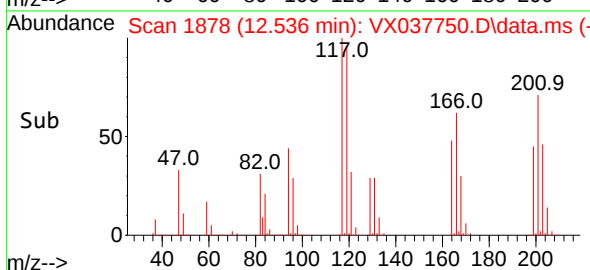
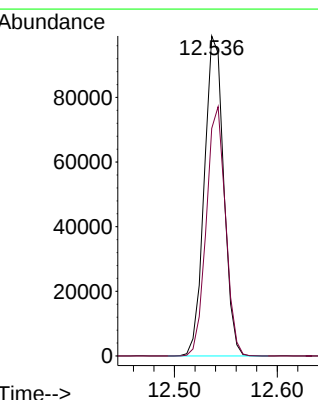
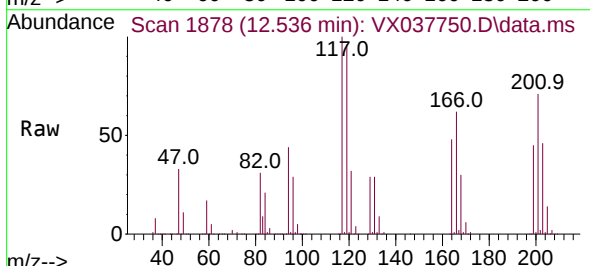
Acq: 15 Sep 2023 13:04

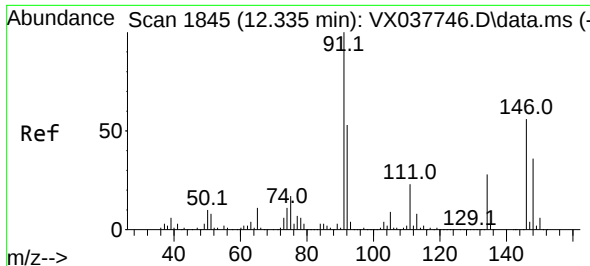
Tgt Ion:117 Resp: 129191

Ion Ratio Lower Upper

117 100

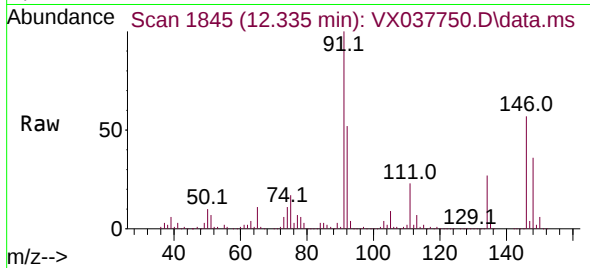
201 77.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.262 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

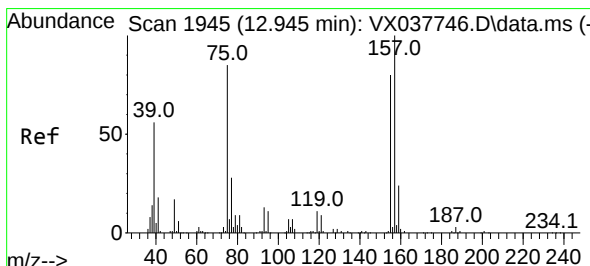
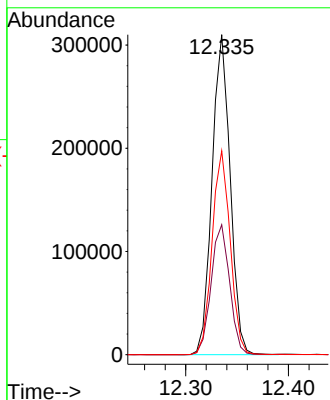
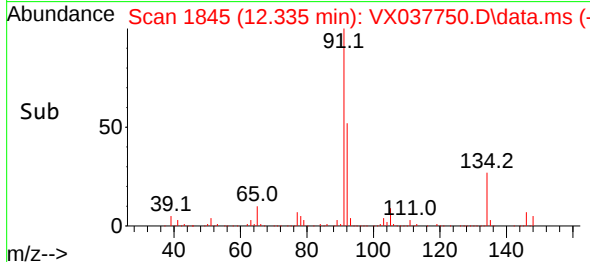
Instrument : MSVOA_X
ClientSampleId : ICVVX091523



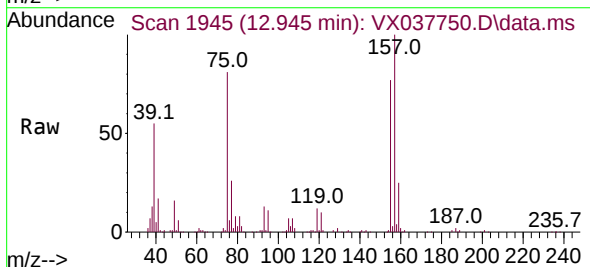
Tgt Ion:146 Resp: 37900
Ion Ratio Lower Upper
146 100
111 41.5 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

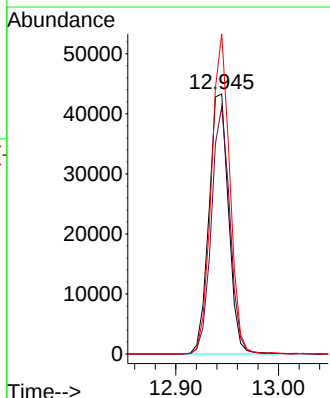
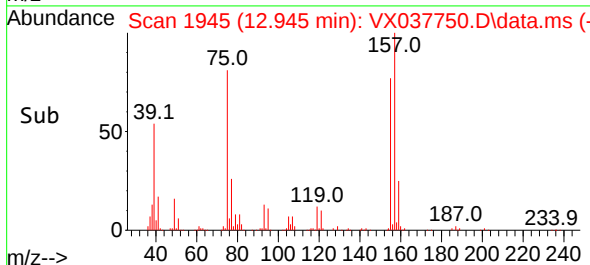
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

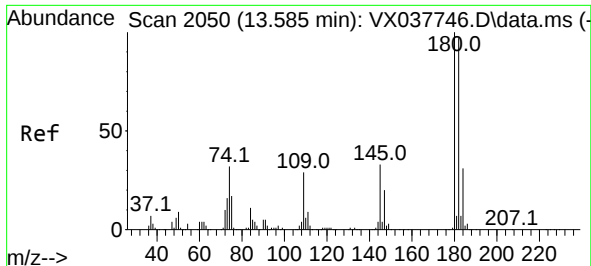


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.005 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



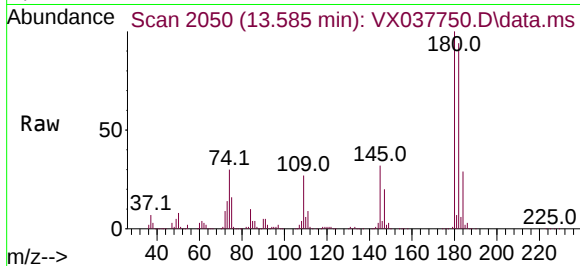
Tgt Ion: 75 Resp: 57205
Ion Ratio Lower Upper
75 100
155 89.8 36.1 108.5
157 115.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.558 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

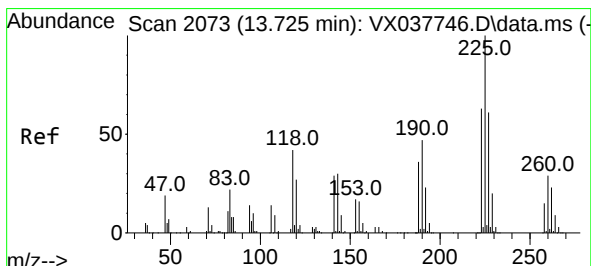
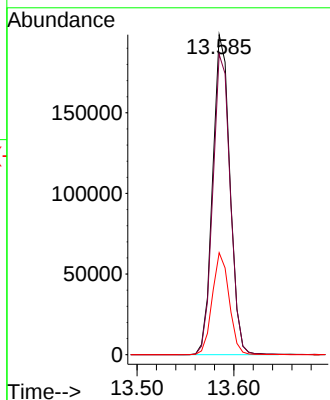
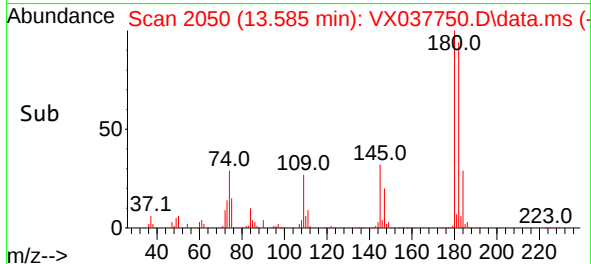
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



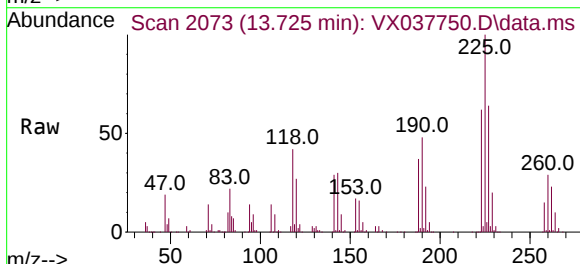
Tgt Ion:180 Resp: 245874
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 31.2 18.0 54.0

Manual Integrations
APPROVED

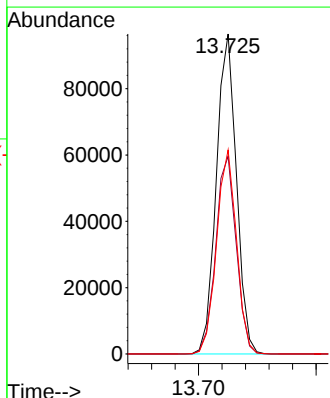
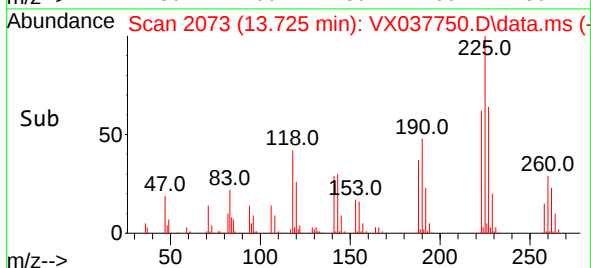
Reviewed By :John Carlone 09/18/2023
Supervised By :Mahesh Dadoda 09/18/2023

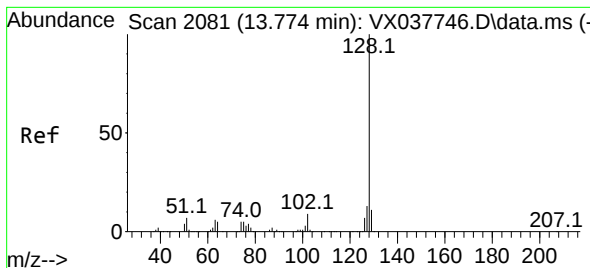


#94
Hexachlorobutadiene
Concen: 57.427 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



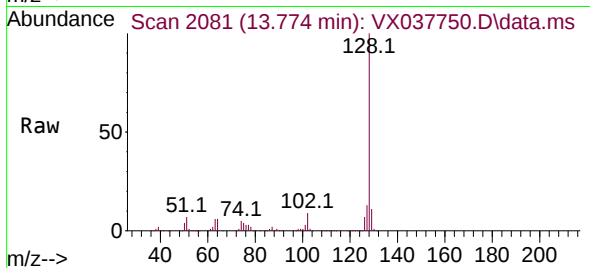
Tgt Ion:225 Resp: 114558
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 55.125 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04

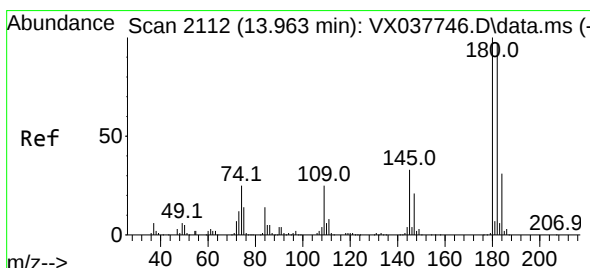
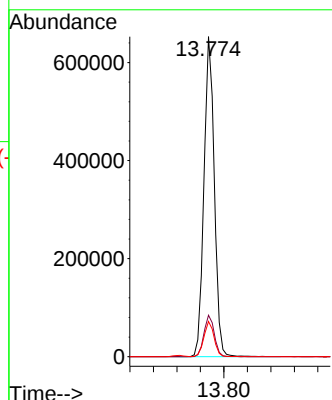
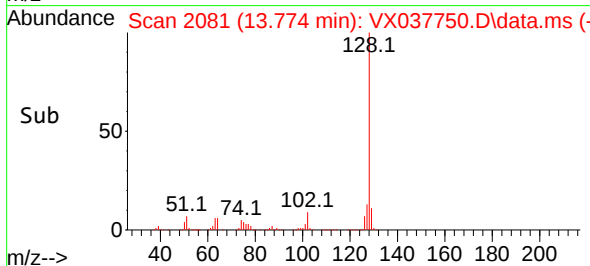
Instrument :
MSVOA_X
ClientSampleId :
ICVVX091523



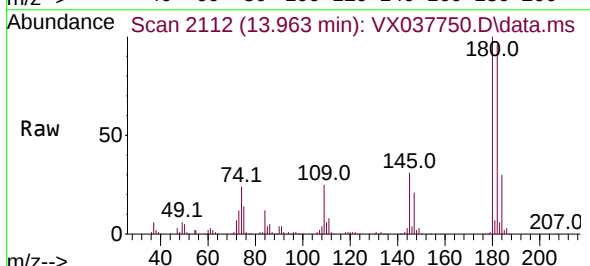
Tgt Ion:128 Resp: 796384
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 55.233 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037750.D
Acq: 15 Sep 2023 13:04



Tgt Ion:180 Resp: 242804
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 32.4 17.8 53.5

