

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037379.D
 Acq On : 30 Aug 2023 11:11
 Operator : JC/MD
 Sample : VX0830WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Aug 31 02:18:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97103	40.763	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.520%		
35) Dibromofluoromethane	5.385	113	83974	45.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.980%		
50) Toluene-d8	8.647	98	295799	44.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.320%#		
62) 4-Bromofluorobenzene	11.079	95	122282	46.980	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38056	19.827	ug/l	99
3) Chloromethane	1.301	50	33882	20.178	ug/l	97
4) Vinyl Chloride	1.374	62	36447	19.941	ug/l	100
5) Bromomethane	1.599	94	17096	18.778	ug/l	100
6) Chloroethane	1.679	64	23532	21.879	ug/l	99
7) Trichlorofluoromethane	1.880	101	57977	19.364	ug/l	96
8) Diethyl Ether	2.130	74	22320	19.269	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	34202	19.581	ug/l	96
10) Methyl Iodide	2.447	142	35076	16.523	ug/l	95
11) Tert butyl alcohol	2.965	59	48058	86.003	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	31603	18.580	ug/l	87
13) Acrolein	2.233	56	34242	80.551	ug/l	99
14) Allyl chloride	2.660	41	48167	18.296	ug/l #	89
15) Acrylonitrile	3.062	53	95813	96.065	ug/l	99
16) Acetone	2.380	43	90059	96.639	ug/l #	86
17) Carbon Disulfide	2.508	76	72364	16.726	ug/l	99
18) Methyl Acetate	2.703	43	63906	18.213	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	117193	18.167	ug/l	97
20) Methylene Chloride	2.788	84	38729	18.584	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	34916	18.058	ug/l	87
22) Diisopropyl ether	3.764	45	100586	18.619	ug/l #	81
23) Vinyl Acetate	3.721	43	376913	91.043	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	62850	18.552	ug/l	97
25) 2-Butanone	4.556	43	130468	92.980	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	56245	18.590	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	41617	18.257	ug/l	90
28) Bromochloromethane	4.904	49	30710	20.292	ug/l #	70
29) Tetrahydrofuran	5.001	42	78754	88.008	ug/l #	81
30) Chloroform	5.087	83	70181	18.454	ug/l	98
31) Cyclohexane	5.464	56	51824	19.348	ug/l	85
32) 1,1,1-Trichloroethane	5.379	97	61806	18.136	ug/l	96
36) 1,1-Dichloropropene	5.690	75	48295	18.617	ug/l	96
37) Ethyl Acetate	4.715	43	48370	18.253	ug/l #	92
38) Carbon Tetrachloride	5.678	117	53315	18.920	ug/l	95
39) Methylcyclohexane	7.379	83	62713	23.010	ug/l	90
40) Benzene	6.038	78	146828	19.735	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25735	18.681	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	54271	18.601	ug/l	94
43) Isopropyl Acetate	6.342	43	77017	18.307	ug/l #	91
44) Trichloroethene	7.123	130	39480	18.714	ug/l	97
45) 1,2-Dichloropropane	7.428	63	36766	20.042	ug/l	99
46) Dibromomethane	7.580	93	27803	19.239	ug/l	92
47) Bromodichloromethane	7.824	83	52116	18.828	ug/l	98
48) Methyl methacrylate	7.690	41	38050	18.546	ug/l #	84
49) 1,4-Dioxane	7.665	88	21930	396.881	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	246463	96.476	ug/l	89
52) Toluene	8.720	92	98607	20.059	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	54618	18.532	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60848	19.105	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	40053	20.010	ug/l	95
56) Ethyl methacrylate	9.116	69	60711	19.364	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	67355	19.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	168719	112.134	ug/l	91
59) 2-Hexanone	9.427	43	194154	99.676	ug/l	87
60) Dibromochloromethane	9.519	129	41106	19.288	ug/l	99
61) 1,2-Dibromoethane	9.610	107	43300	19.758	ug/l	99
64) Tetrachloroethene	9.275	164	32317	17.047	ug/l	97
65) Chlorobenzene	10.080	112	106681	19.424	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	39145	19.311	ug/l	99
67) Ethyl Benzene	10.195	91	187560	19.407	ug/l	99
68) m/p-Xylenes	10.299	106	147573	39.541	ug/l	97
69) o-Xylene	10.640	106	73549	19.974	ug/l	98
70) Styrene	10.653	104	120285	19.831	ug/l	97
71) Bromoform	10.799	173	29388	19.381	ug/l #	99
73) Isopropylbenzene	10.964	105	192470	19.691	ug/l	98
74) N-amyl acetate	10.842	43	67729	17.833	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	64699	19.654	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	53496m	18.679	ug/l	
77) Bromobenzene	11.195	156	45217	18.941	ug/l	92
78) n-propylbenzene	11.305	91	217705	20.002	ug/l	98
79) 2-Chlorotoluene	11.366	91	136115	19.570	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	165042	20.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17693	17.255	ug/l	91
82) 4-Chlorotoluene	11.457	91	155920	19.420	ug/l	98
83) tert-Butylbenzene	11.713	119	165549	21.289	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	167336	20.306	ug/l	97
85) sec-Butylbenzene	11.890	105	203868	22.445	ug/l	99
86) p-Isopropyltoluene	12.006	119	172962	22.121	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	87726	19.628	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	88423	19.149	ug/l	100
89) n-Butylbenzene	12.329	91	144014	22.216	ug/l	99
90) Hexachloroethane	12.536	117	28398	21.760	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	87423	19.975	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14568	19.046	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	52540	20.517	ug/l	96
94) Hexachlorobutadiene	13.725	225	23860	24.118	ug/l	98
95) Naphthalene	13.774	128	182778	16.294	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52738	20.729	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

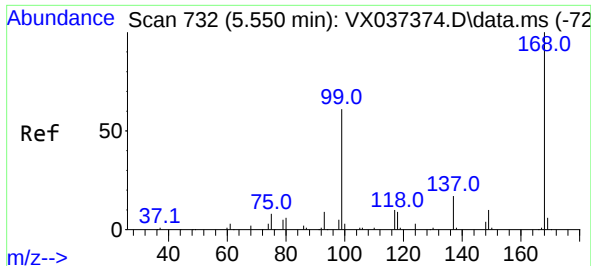
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

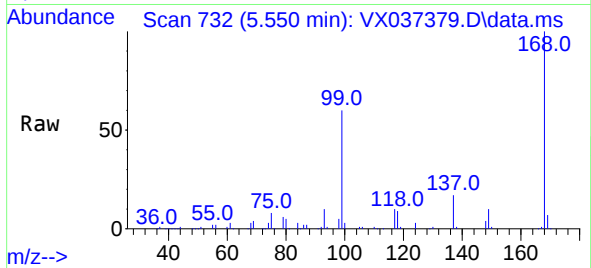
Quant Time: Aug 31 02:18:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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QLast Update : Fri Aug 18 09:30:38 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

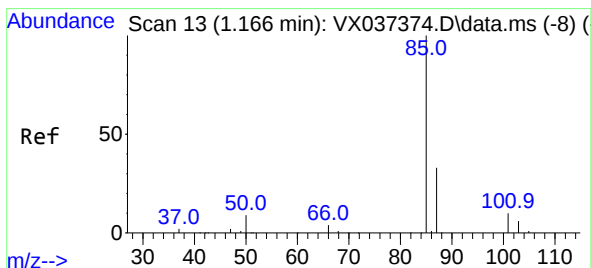
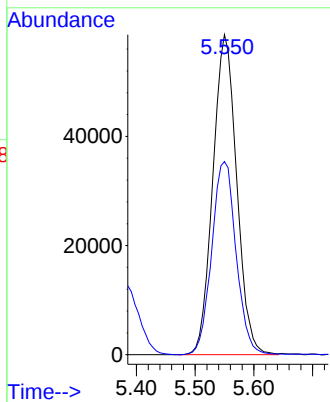
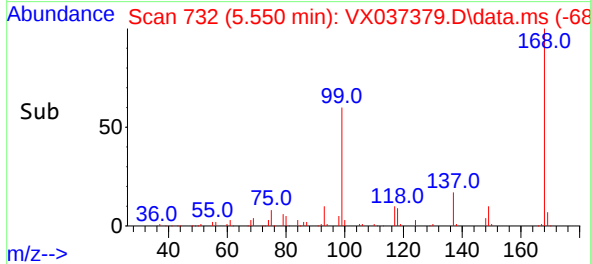
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion:168 Resp: 16523
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

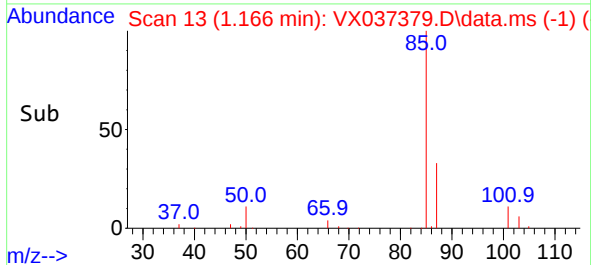
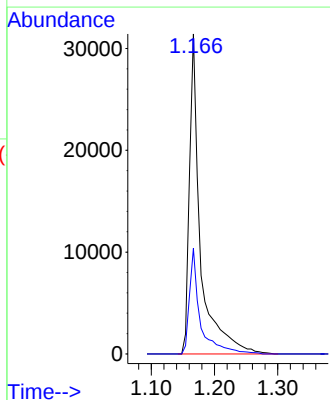
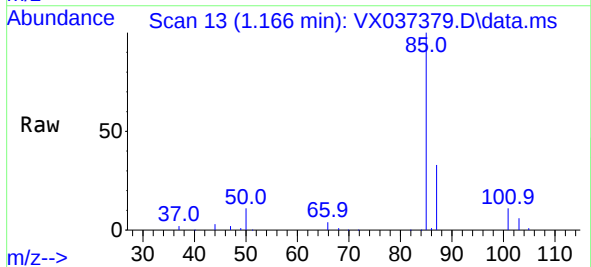
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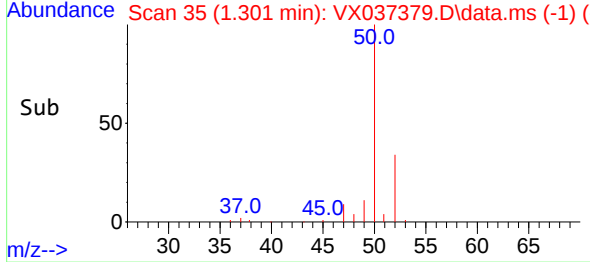
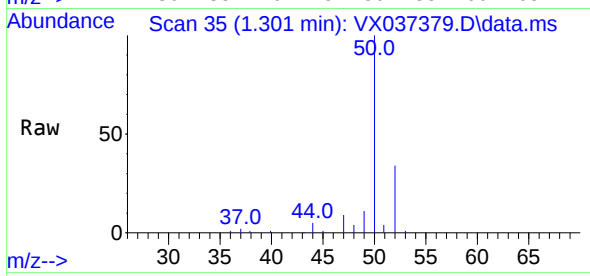
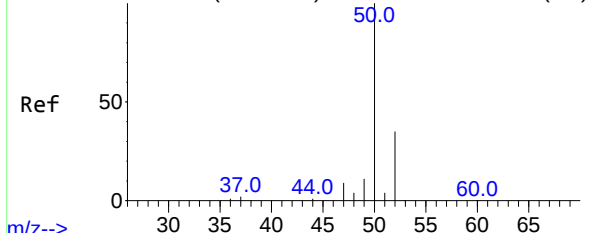


#2
Dichlorodifluoromethane
Concen: 19.827 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 85 Resp: 38056
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1



Abundance Scan 35 (1.301 min): VX037374.D\data.ms (-30)



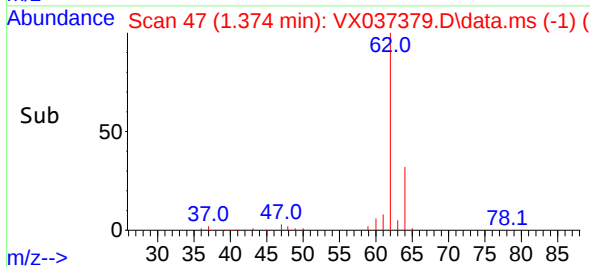
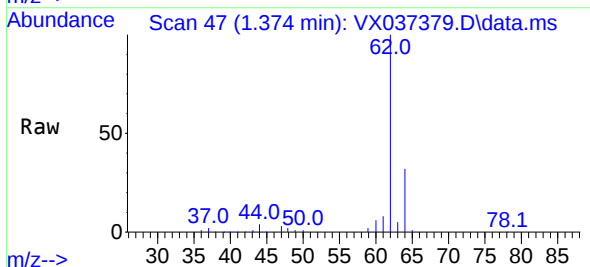
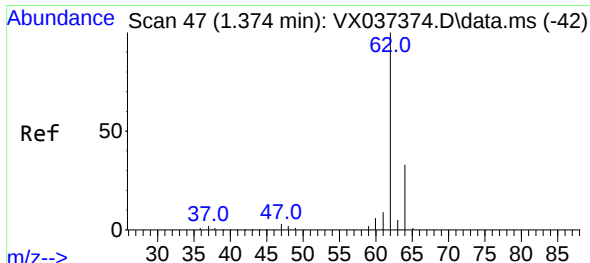
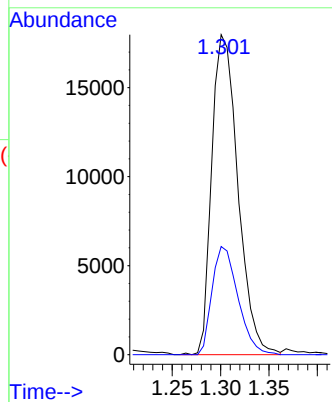
#3
Chloromethane
Concen: 20.178 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 50 Resp: 3388
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

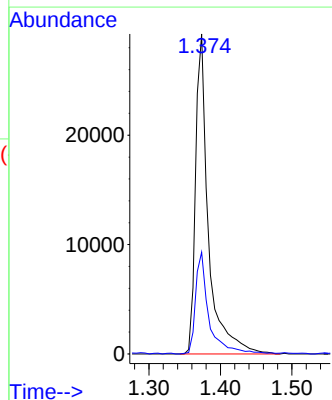
Manual Integrations
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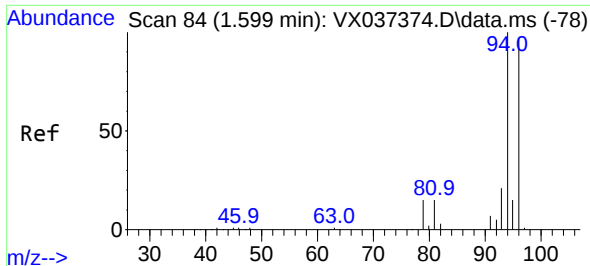
Reviewed By :John Carlone 08/31/2023
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#4
Vinyl Chloride
Concen: 19.941 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

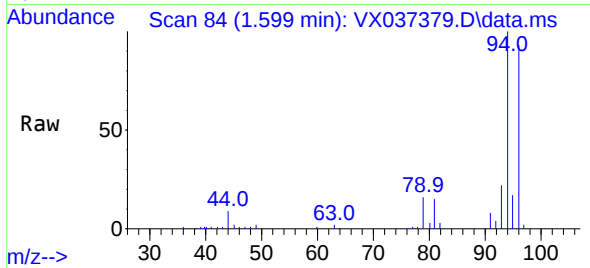
Tgt Ion: 62 Resp: 36447
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 18.778 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

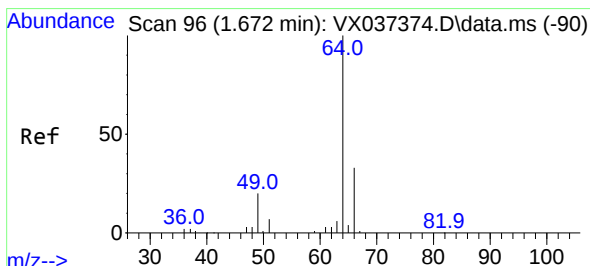
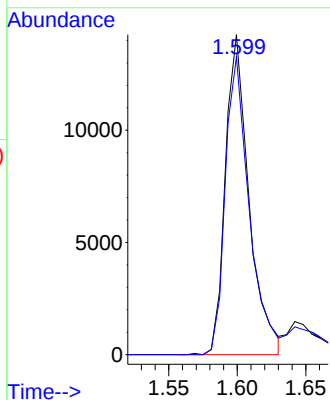
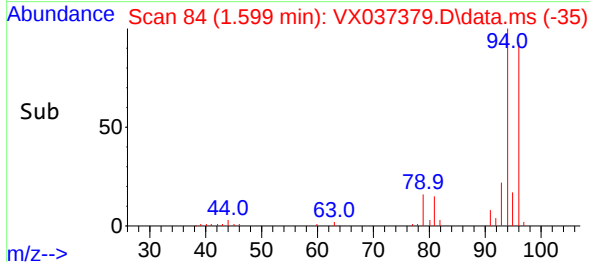
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 17090
Ion Ratio Lower Upper
94 100
96 93.1 74.6 111.8

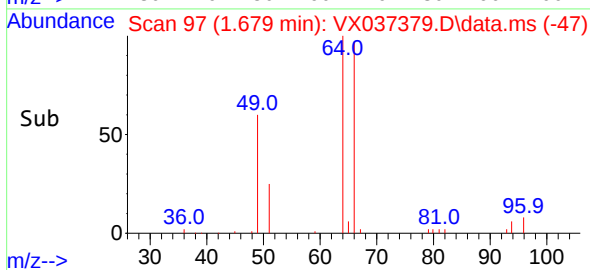
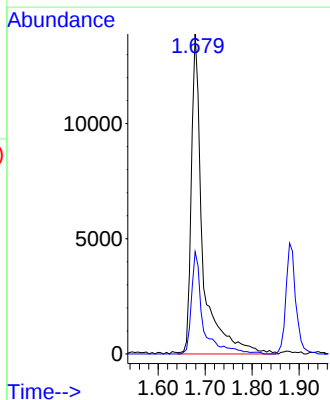
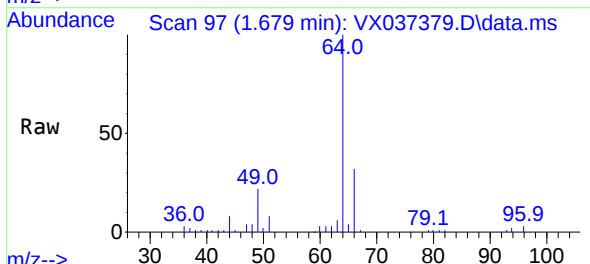
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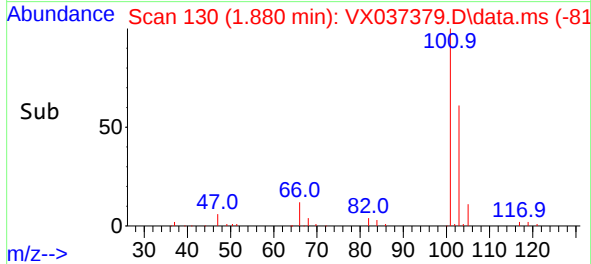
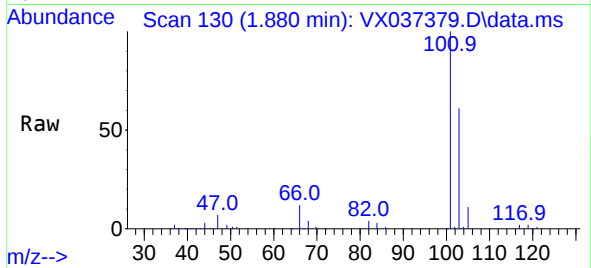
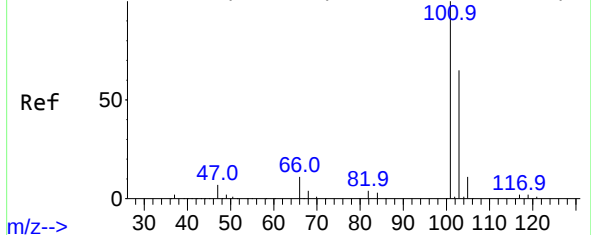


#6
Chloroethane
Concen: 21.879 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 64 Resp: 23532
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



Abundance Scan 130 (1.880 min): VX037374.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 19.364 ug/l

RT: 1.880 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Tgt Ion:101 Resp: 5797

Ion Ratio Lower Upper

101 100

103 61.1 51.4 77.2

Instrument :

MSVOA_X

ClientSampleId :

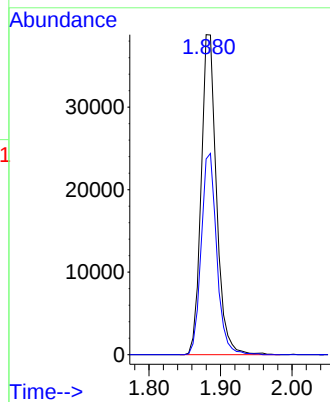
VX0830WBS01

Manual Integrations

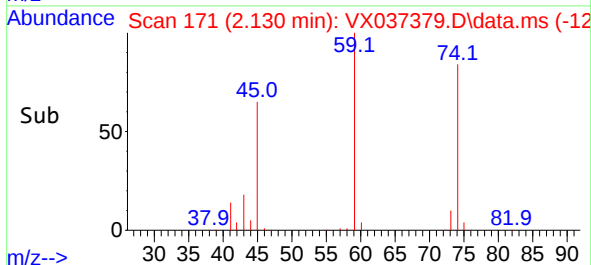
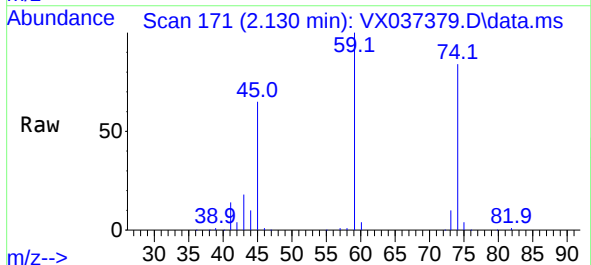
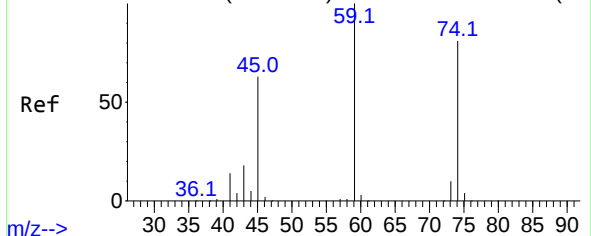
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Abundance Scan 172 (2.136 min): VX037374.D\data.ms (-16



#8

Diethyl Ether

Concen: 19.269 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.006 min

Lab File: VX037379.D

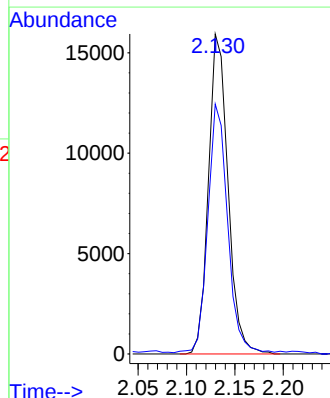
Acq: 30 Aug 2023 11:11

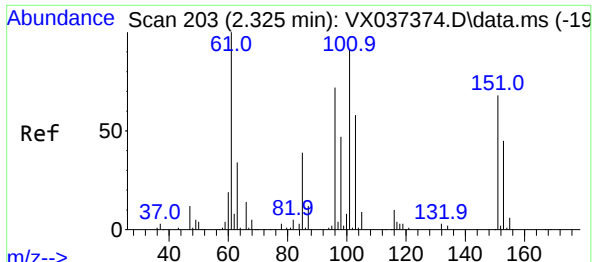
Tgt Ion: 74 Resp: 22320

Ion Ratio Lower Upper

74 100

45 78.5 53.3 159.8





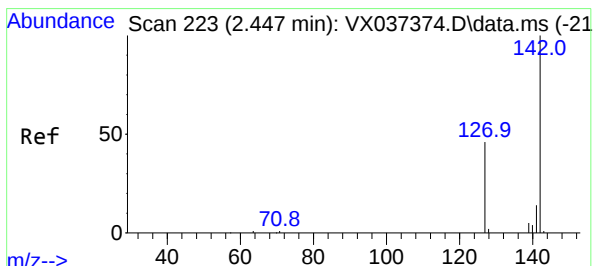
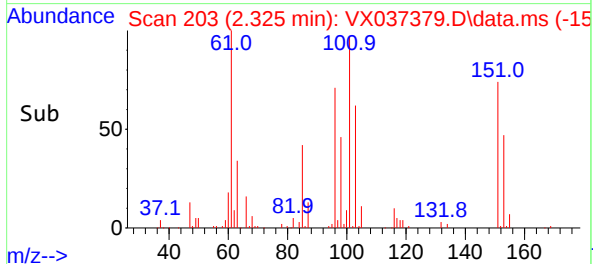
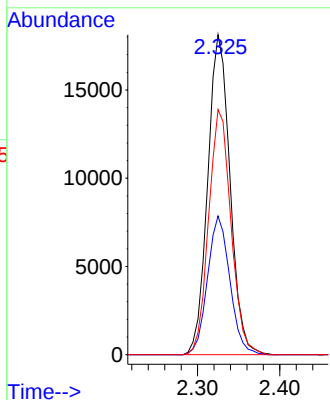
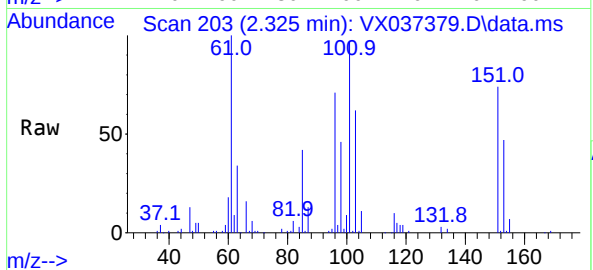
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.581 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion:101 Resp: 3420
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 76.9 58.6 87.8

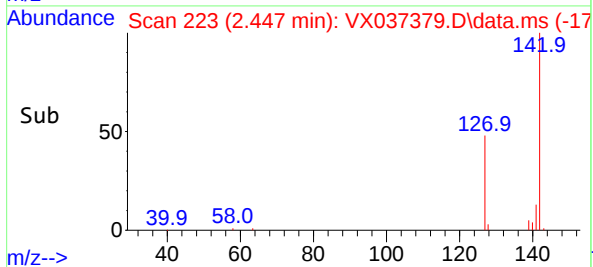
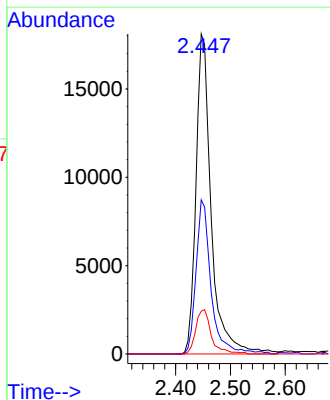
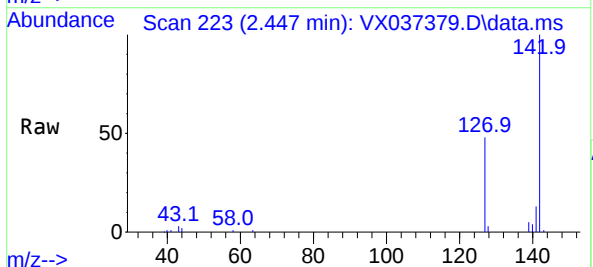
Manual Integrations
APPROVED

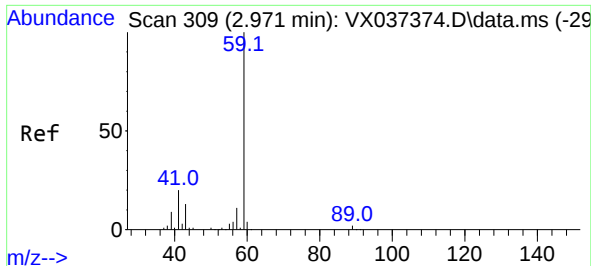
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
Methyl Iodide
Concen: 16.523 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

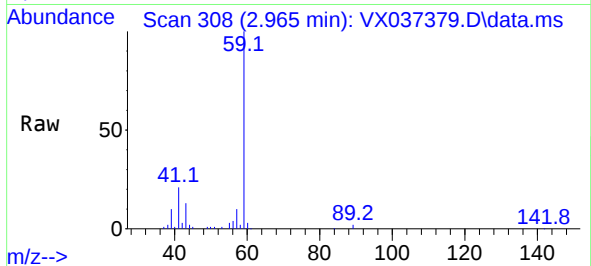
Tgt Ion:142 Resp: 35076
Ion Ratio Lower Upper
142 100
127 47.5 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.003 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

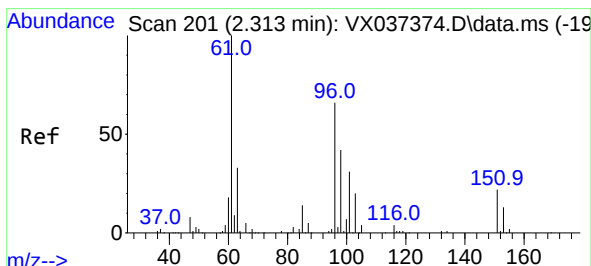
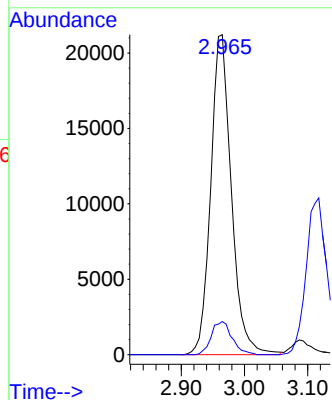
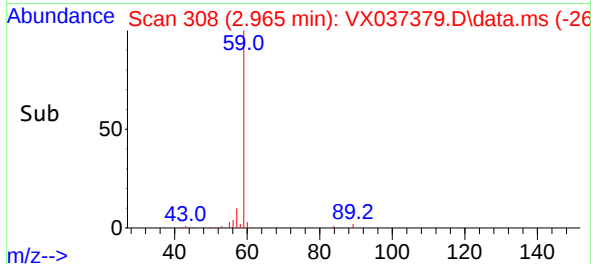
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 59 Resp: 48058
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

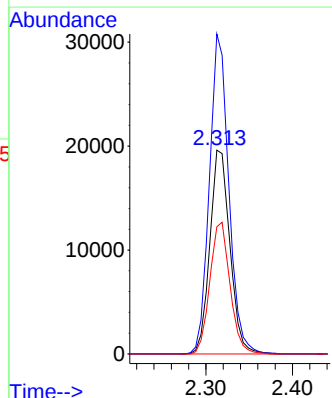
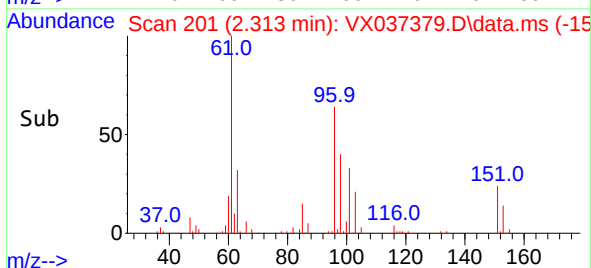
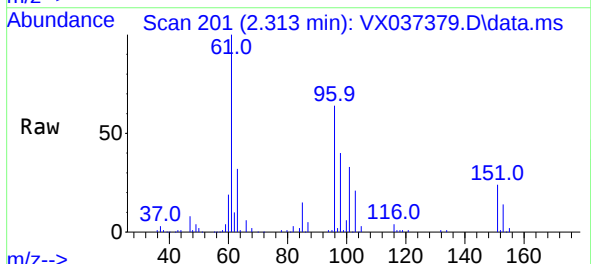
Manual Integrations
APPROVED

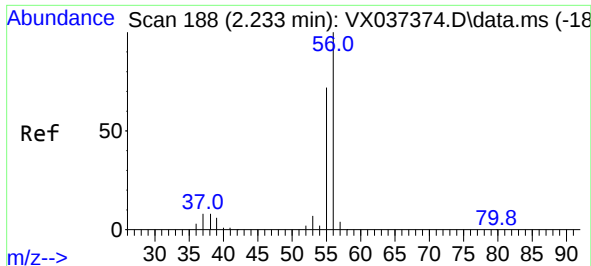
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
1,1-Dichloroethene
Concen: 18.580 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

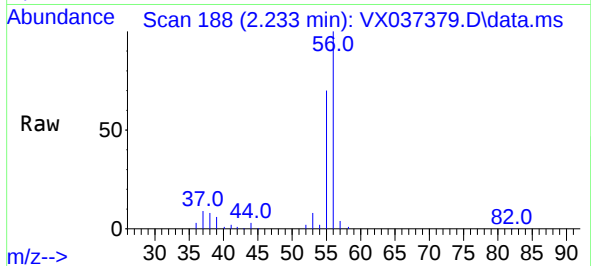
Tgt Ion: 96 Resp: 31603
Ion Ratio Lower Upper
96 100
61 157.0 144.6 216.8
98 62.4 50.4 75.6





#13
Acrolein
Concen: 80.551 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

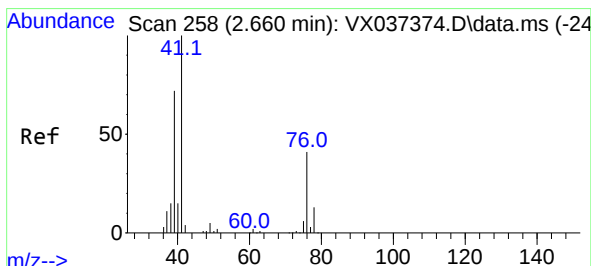
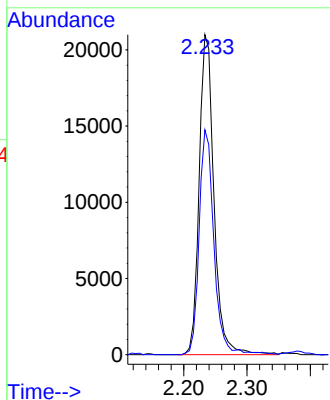
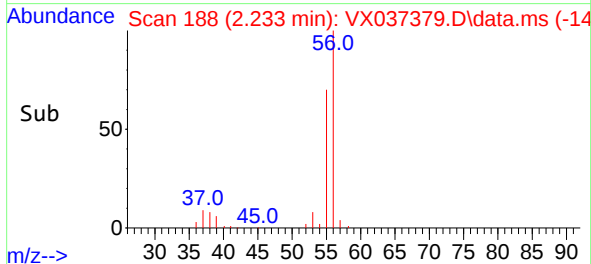
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 56 Resp: 3424
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

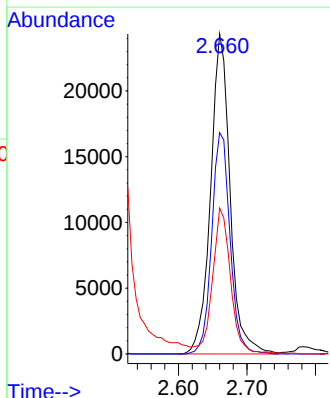
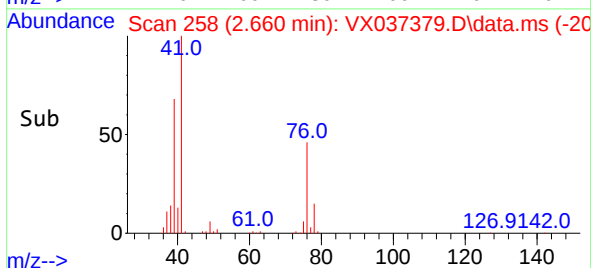
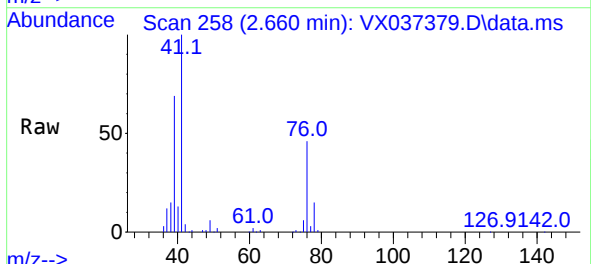
Manual Integrations
APPROVED

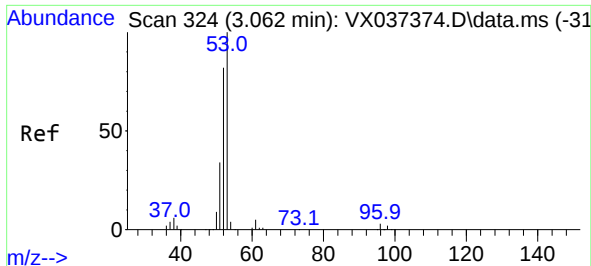
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Allyl chloride
Concen: 18.296 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

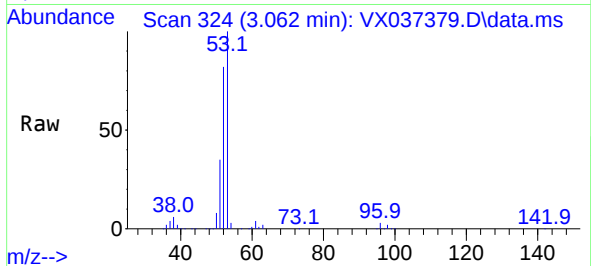
Tgt Ion: 41 Resp: 48167
Ion Ratio Lower Upper
41 100
39 64.9 55.8 83.6
76 42.5 24.3 36.5





#15
Acrylonitrile
Concen: 96.065 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

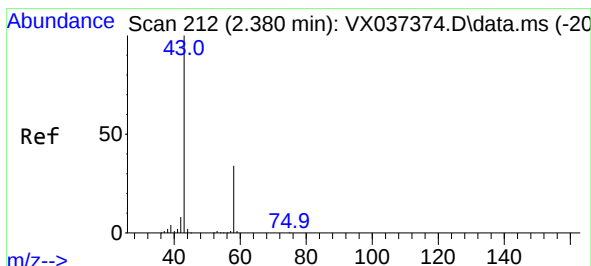
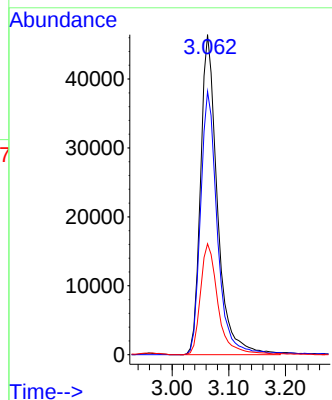
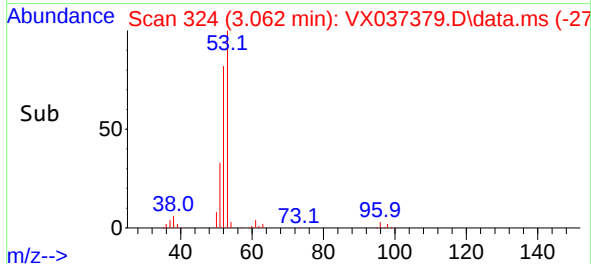
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 53 Resp: 9581
Ion Ratio Lower Upper
53 100
52 81.7 66.0 99.0
51 36.1 29.8 44.6

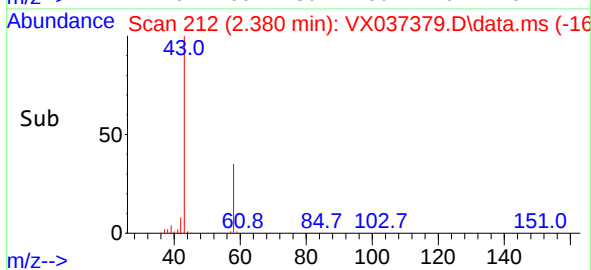
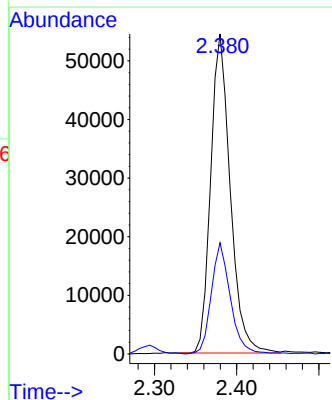
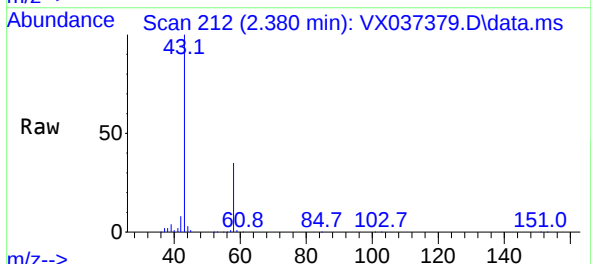
Manual Integrations
APPROVED

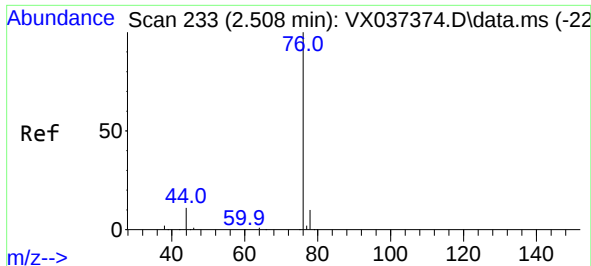
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#16
Acetone
Concen: 96.639 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

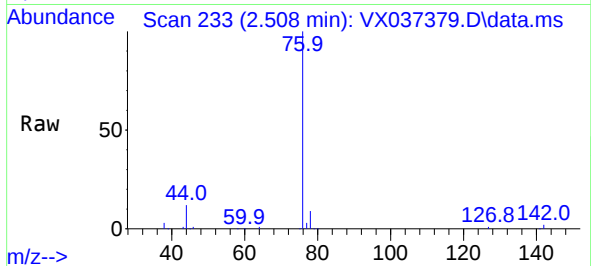
Tgt Ion: 43 Resp: 90059
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9





#17
Carbon Disulfide
Concen: 16.726 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

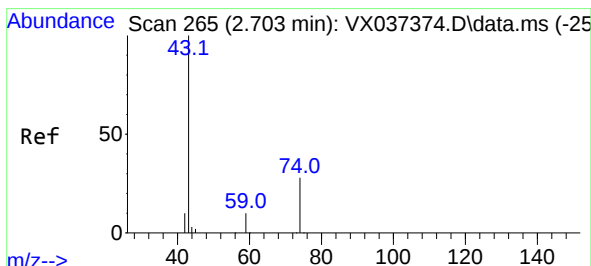
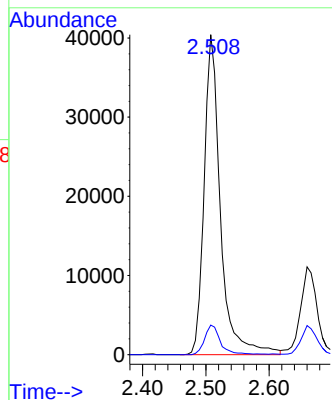
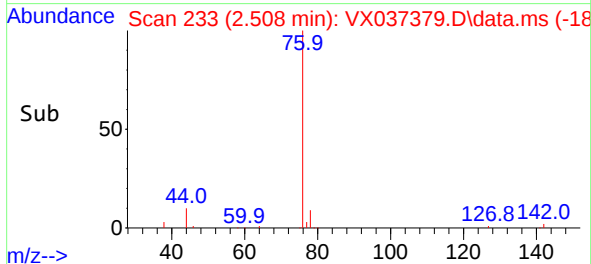
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



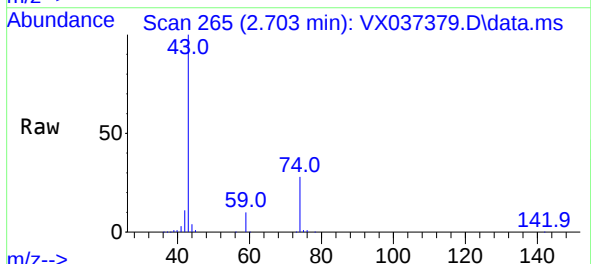
Tgt Ion: 76 Resp: 72364
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

Manual Integrations
APPROVED

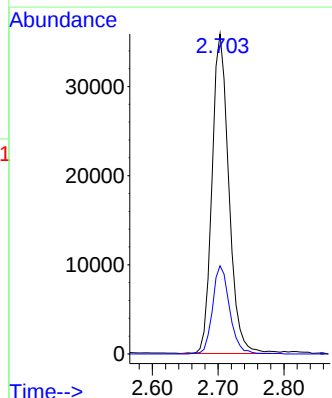
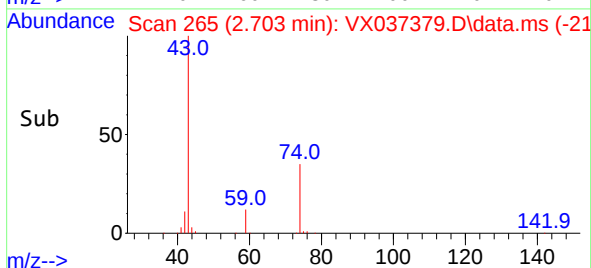
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

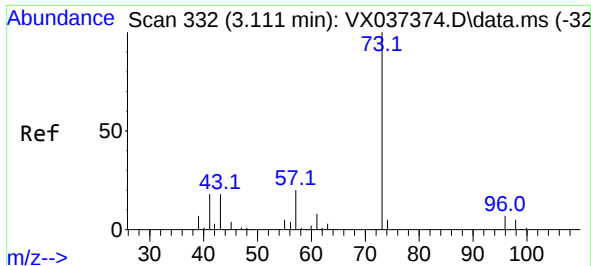


#18
Methyl Acetate
Concen: 18.213 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



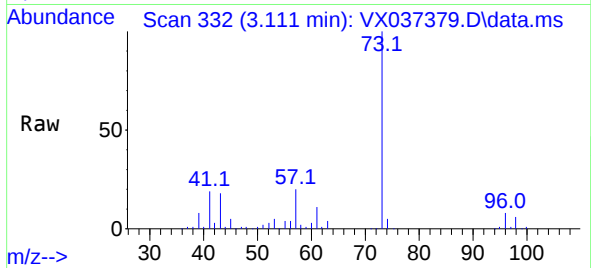
Tgt Ion: 43 Resp: 63906
Ion Ratio Lower Upper
43 100
74 28.0 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 18.167 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

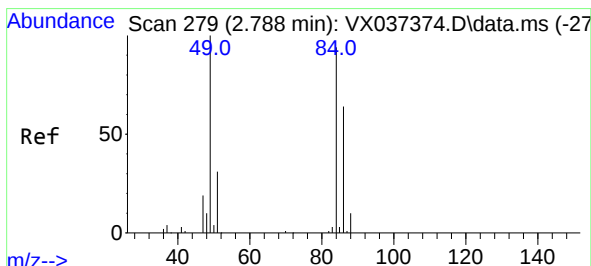
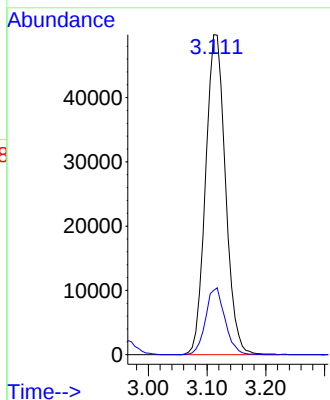
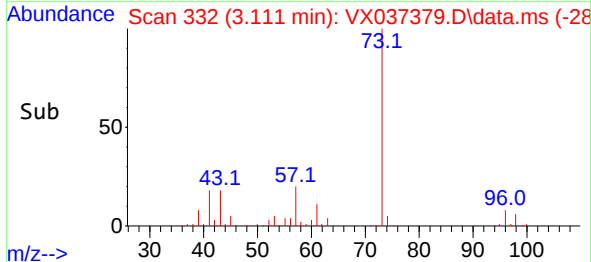
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 73 Resp: 11719
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

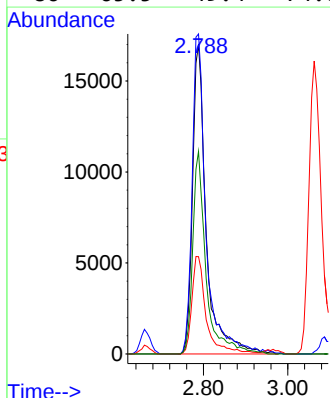
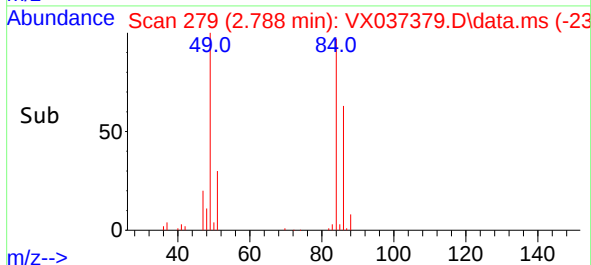
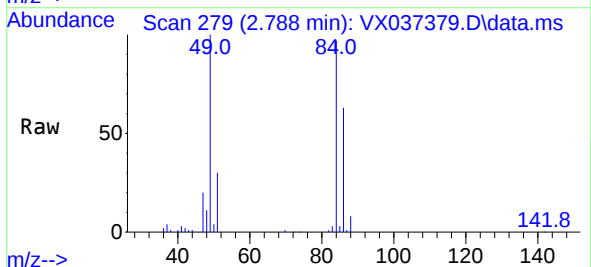
Manual Integrations
APPROVED

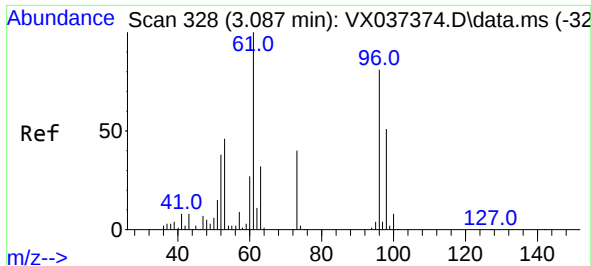
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

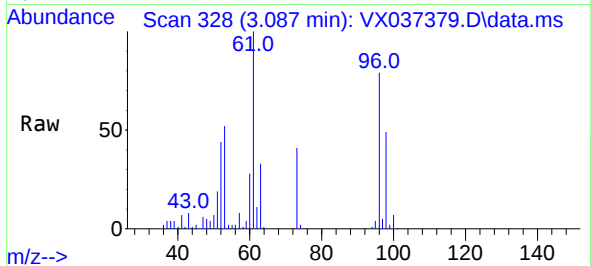
Tgt Ion: 84 Resp: 38729
Ion Ratio Lower Upper
84 100
49 103.4 103.6 155.4#
51 31.4 33.8 50.6#
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.058 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

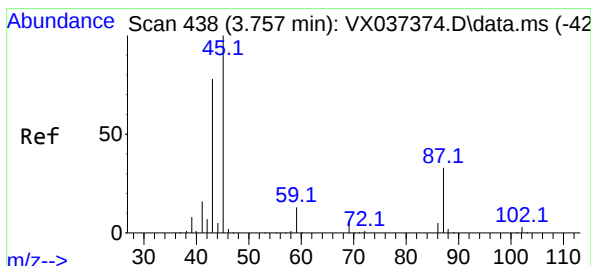
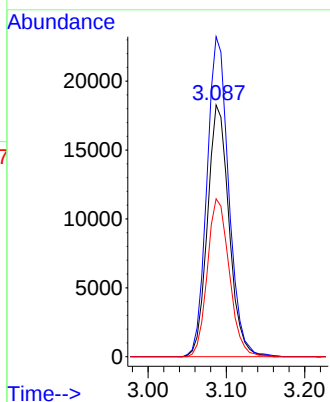
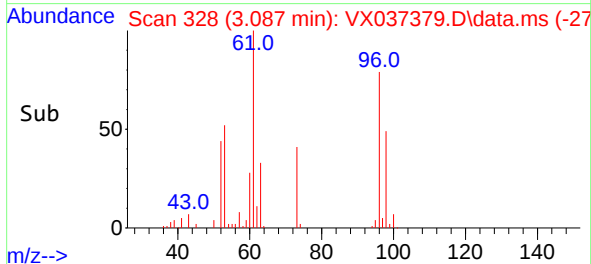
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



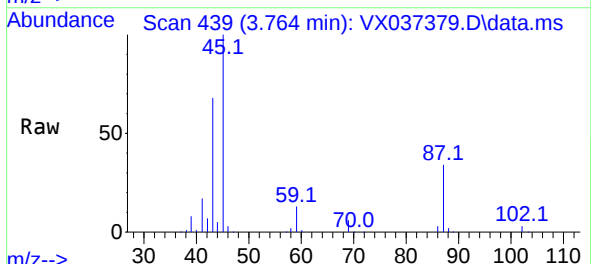
Tgt Ion: 96 Resp: 34910
Ion Ratio Lower Upper
96 100
61 127.1 119.2 178.8
98 62.8 48.7 73.1

Manual Integrations
APPROVED

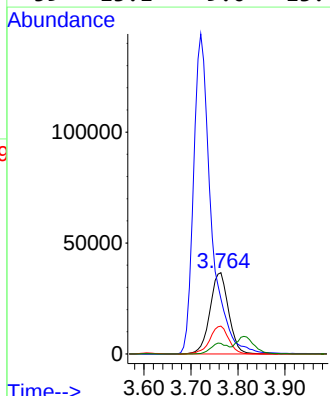
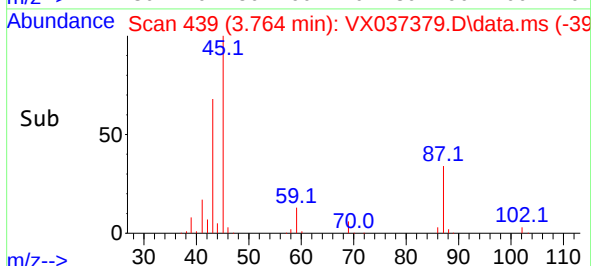
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

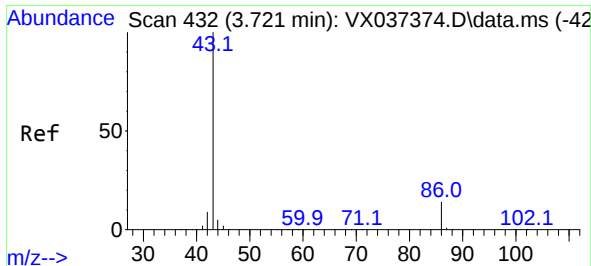


#22
Diisopropyl ether
Concen: 18.619 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



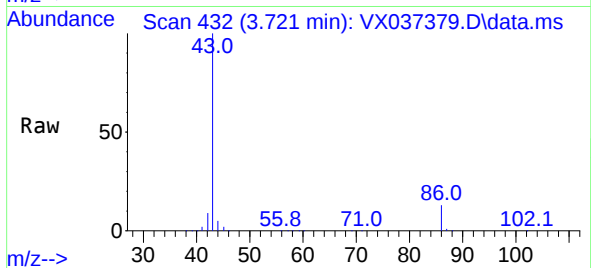
Tgt Ion: 45 Resp: 100586
Ion Ratio Lower Upper
45 100
43 67.6 69.7 104.5#
87 34.3 20.8 31.2#
59 13.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 91.043 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037379.D
 Acq: 30 Aug 2023 11:11

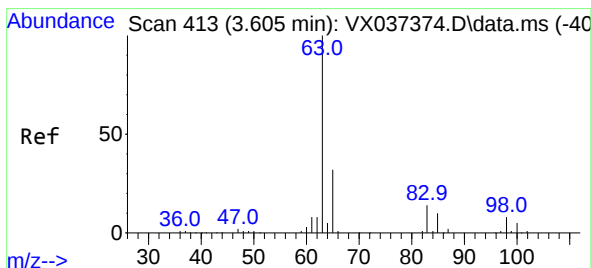
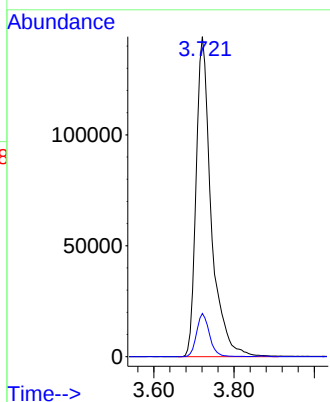
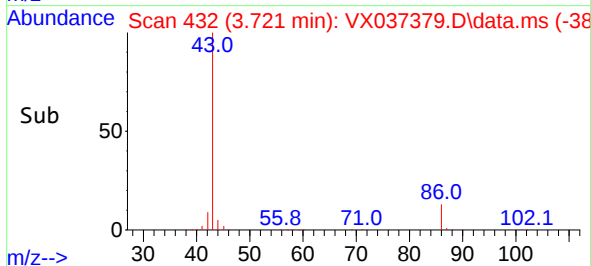
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01



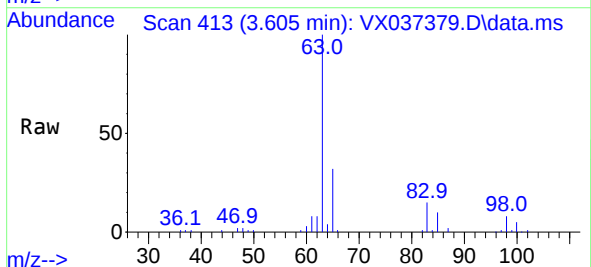
Tgt Ion: 43 Resp: 37691
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.8 11.8

Manual Integrations
 APPROVED

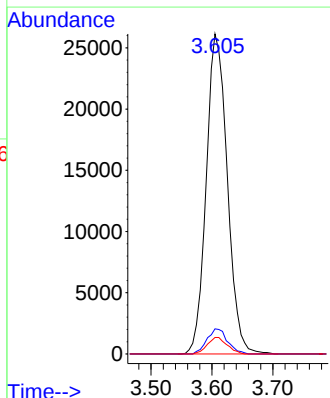
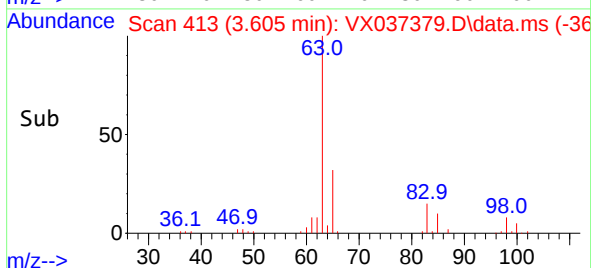
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

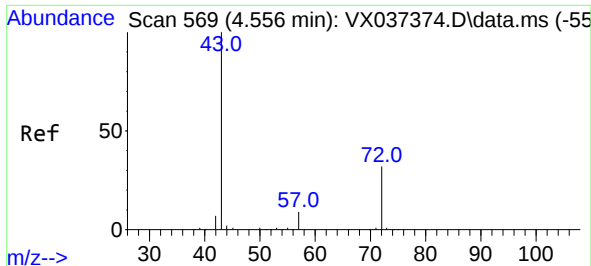


#24
 1,1-Dichloroethane
 Concen: 18.552 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037379.D
 Acq: 30 Aug 2023 11:11



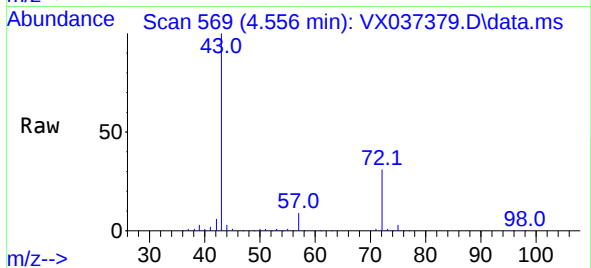
Tgt Ion: 63 Resp: 62850
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 5.2 2.1 6.5





#25
2-Butanone
Concen: 92.980 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

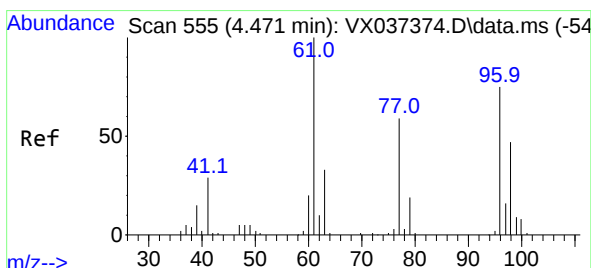
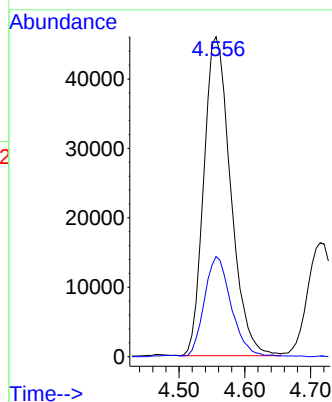
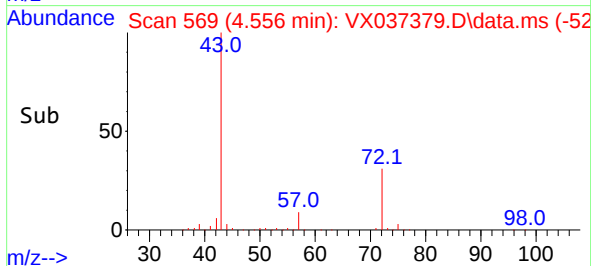
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 43 Resp: 130468
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2

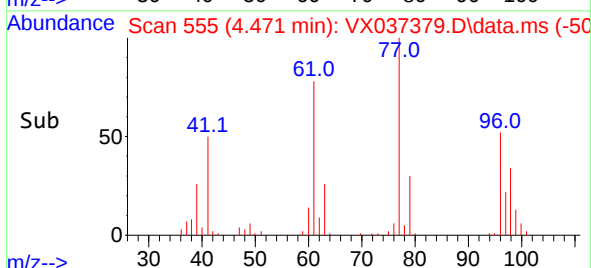
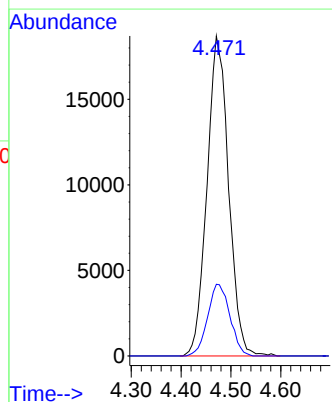
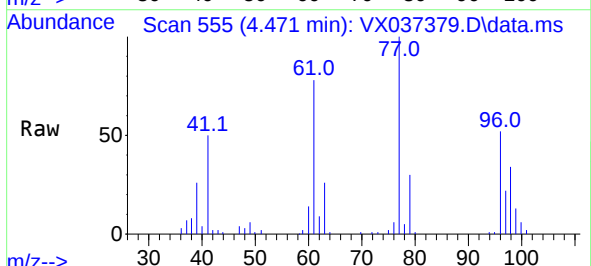
Manual Integrations
APPROVED

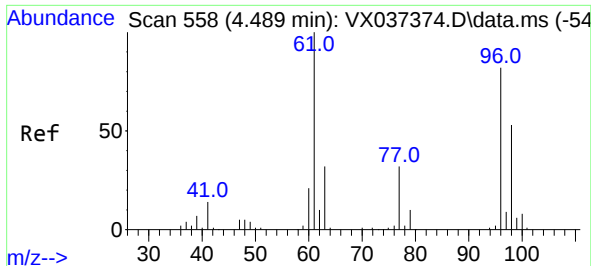
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#26
2,2-Dichloropropane
Concen: 18.590 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 77 Resp: 56245
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





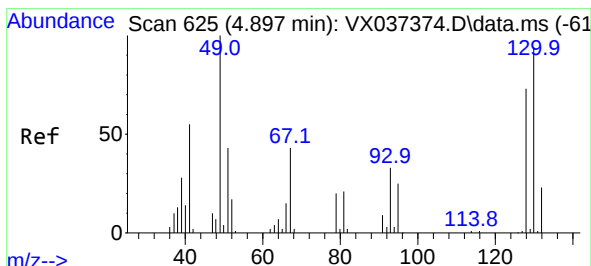
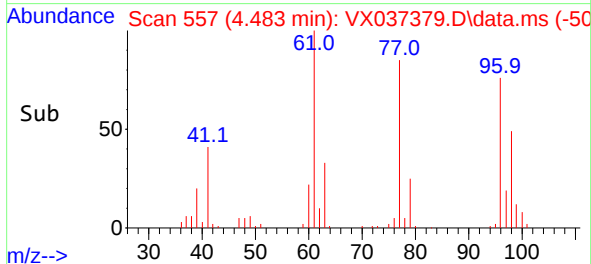
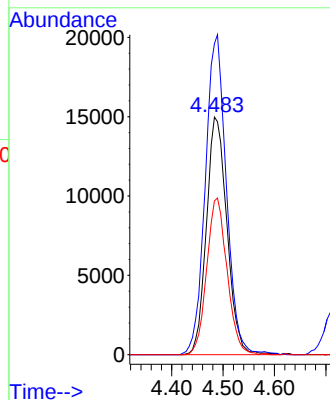
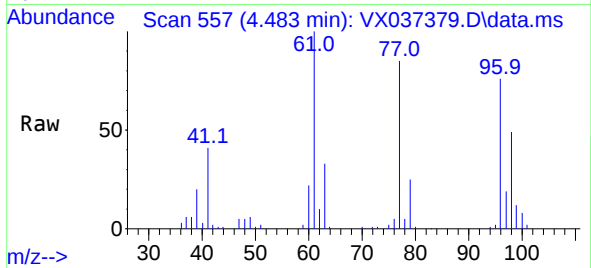
#27
cis-1,2-Dichloroethene
Concen: 18.257 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion: 96 Resp: 4161
Ion Ratio Lower Upper
96 100
61 138.0 0.0 312.2
98 65.2 0.0 129.0

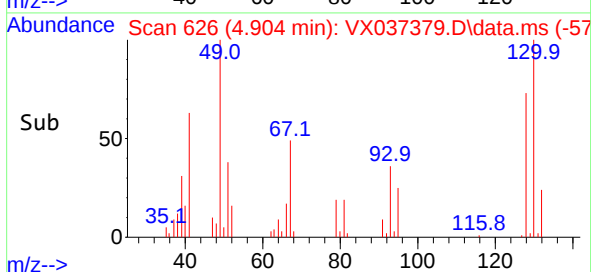
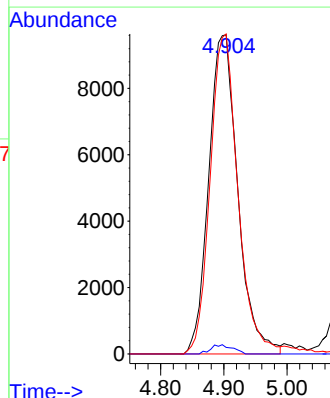
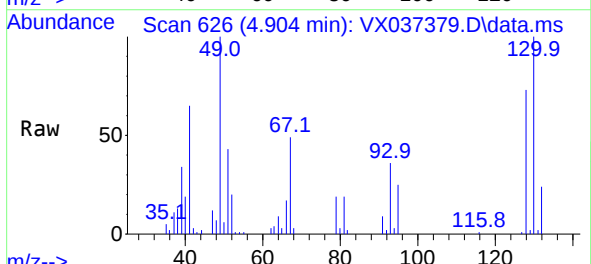
Manual Integrations
APPROVED

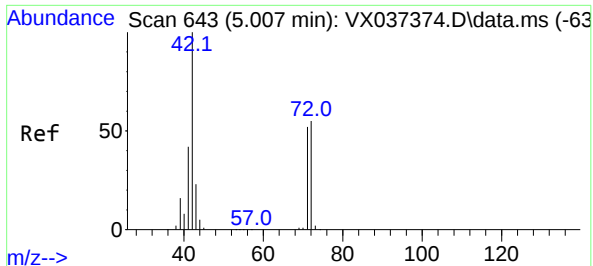
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#28
Bromochloromethane
Concen: 20.292 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 49 Resp: 30710
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 97.1 57.5 86.3#





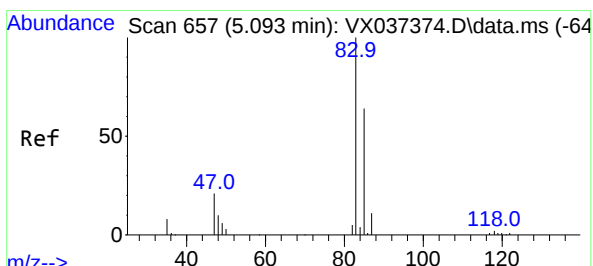
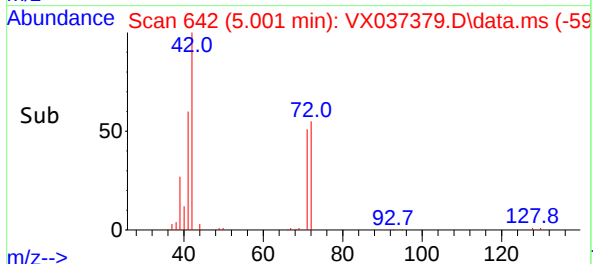
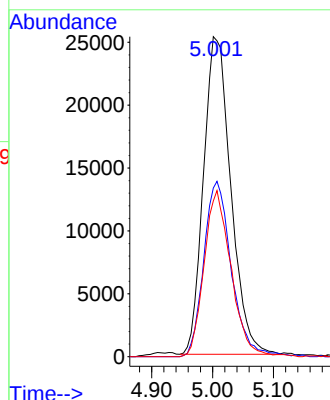
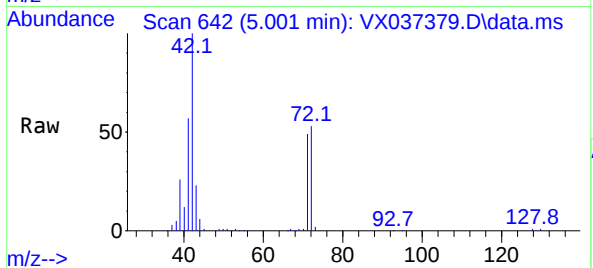
#29
Tetrahydrofuran
Concen: 88.008 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion: 42 Resp: 78754
Ion Ratio Lower Upper
42 100
72 55.8 34.2 51.4
71 51.3 32.2 48.2

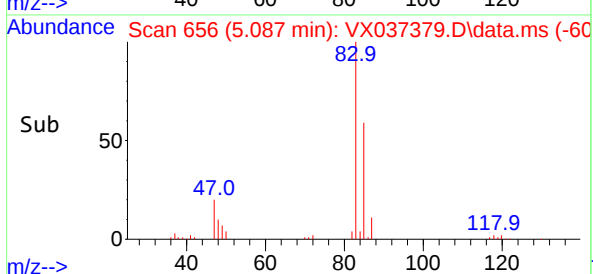
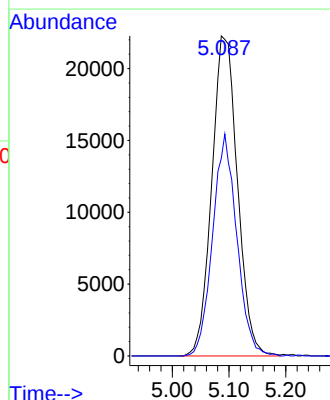
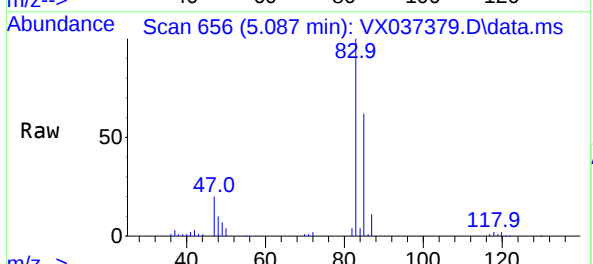
Manual Integrations
APPROVED

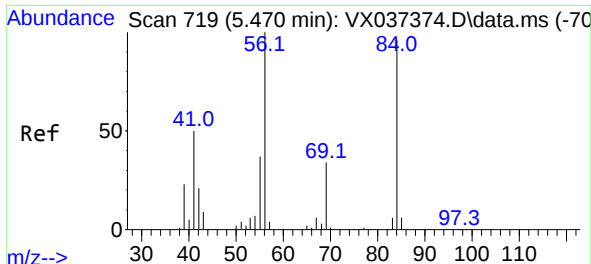
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#30
Chloroform
Concen: 18.454 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 83 Resp: 70181
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5





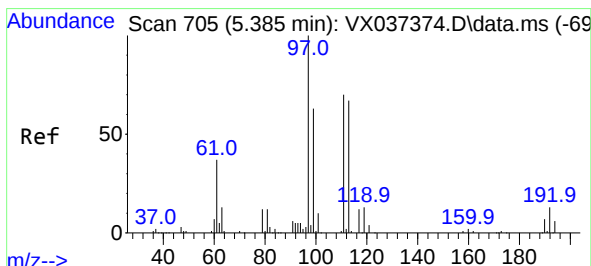
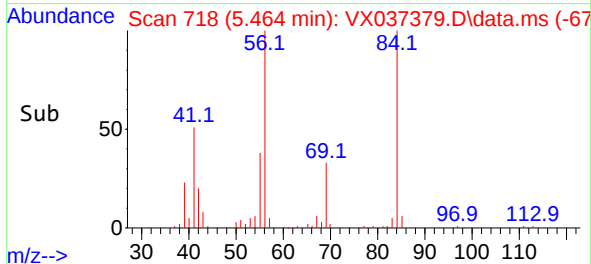
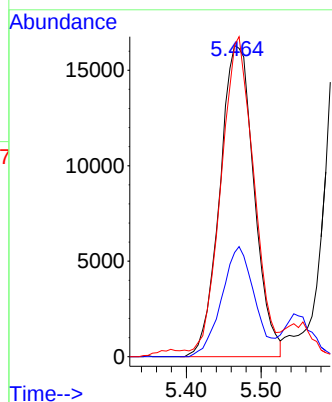
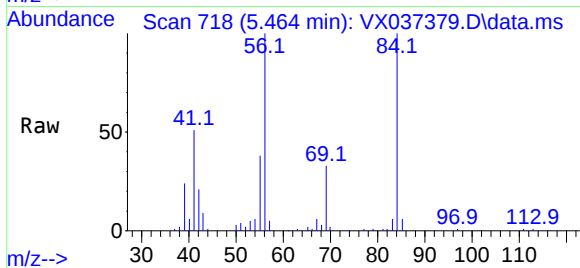
#31
Cyclohexane
Concen: 19.348 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion: 56 Resp: 51824
Ion Ratio Lower Upper
56 100
69 33.5 23.4 35.2
84 98.2 65.9 98.9

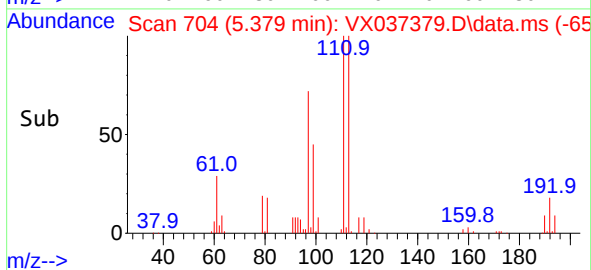
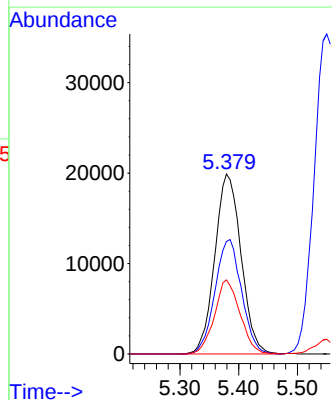
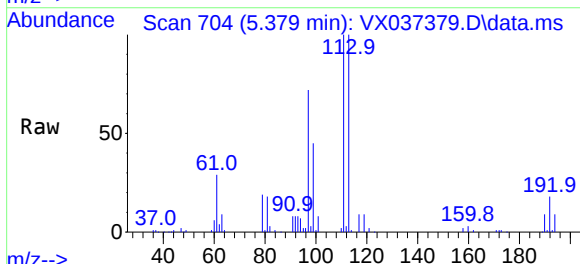
Manual Integrations
APPROVED

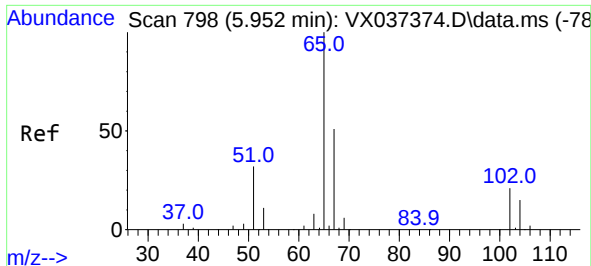
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 18.136 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 97 Resp: 61806
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 40.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 40.763 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 65 Resp: 9710

Ion Ratio Lower Upper

65 100

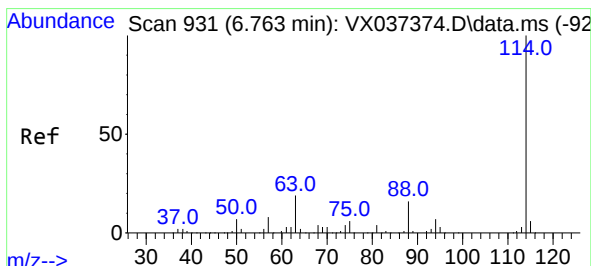
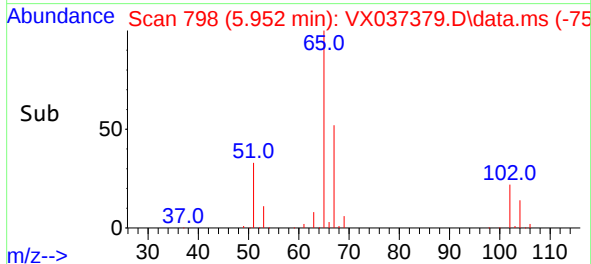
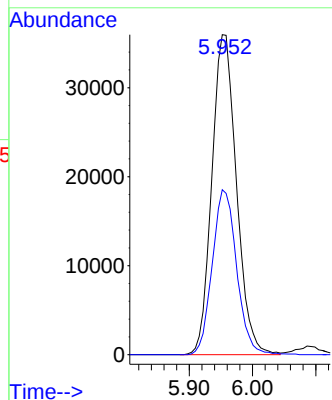
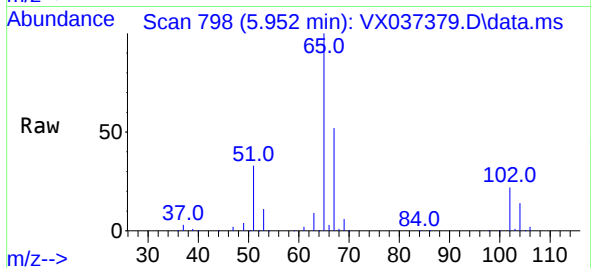
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

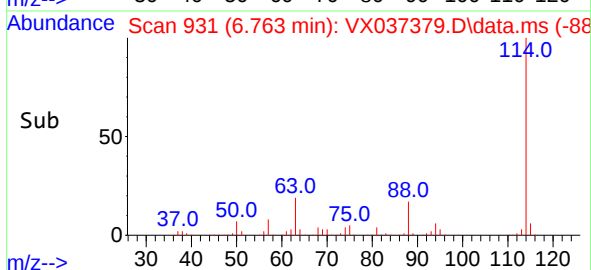
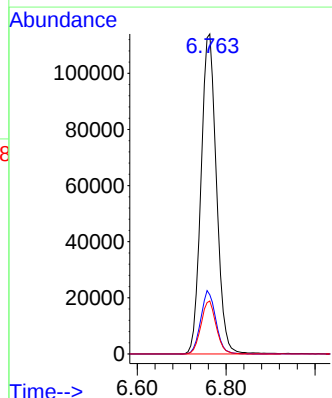
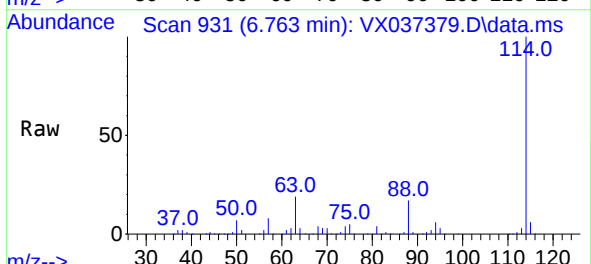
Tgt Ion:114 Resp: 275703

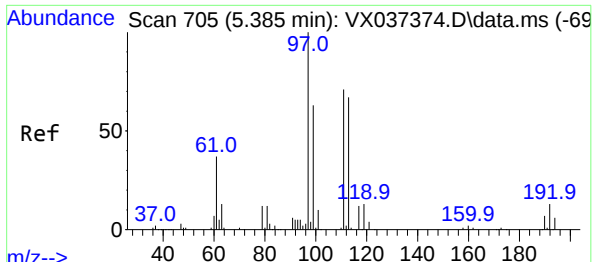
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

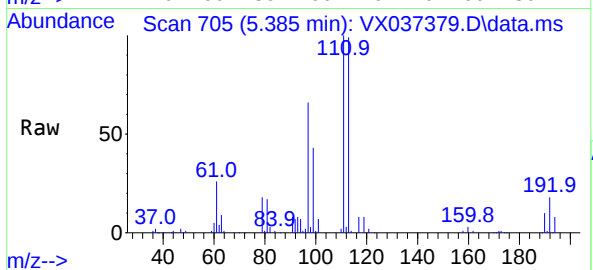
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

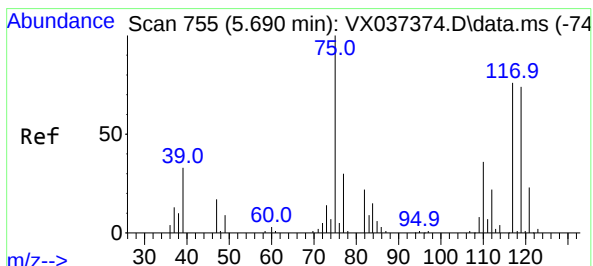
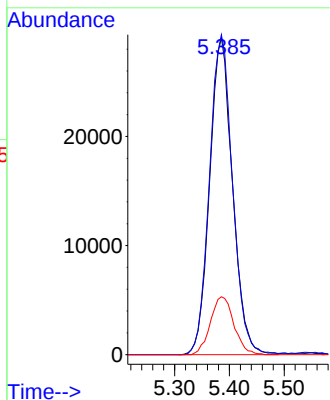
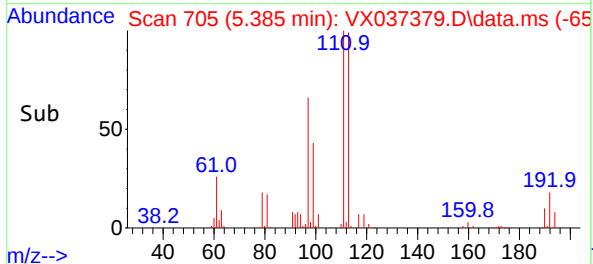
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



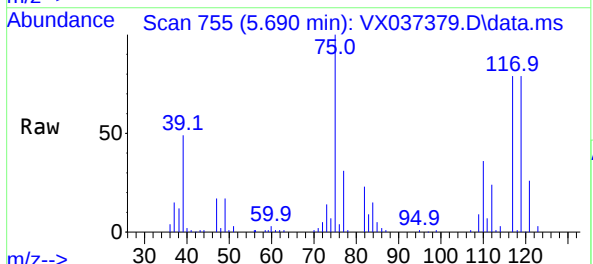
Tgt Ion:113 Resp: 83974
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.8 13.3 19.9

Manual Integrations
APPROVED

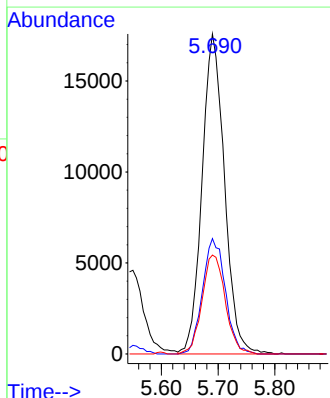
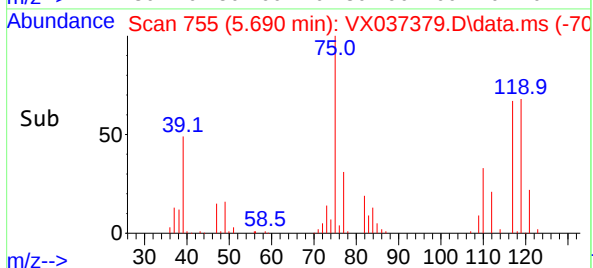
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

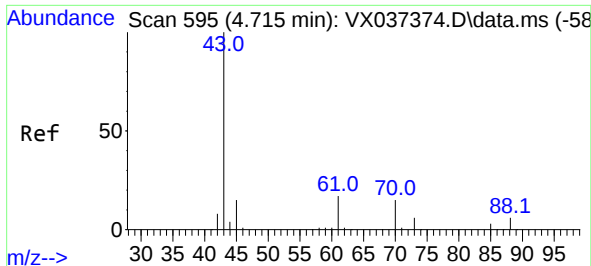


#36
1,1-Dichloropropene
Concen: 18.617 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



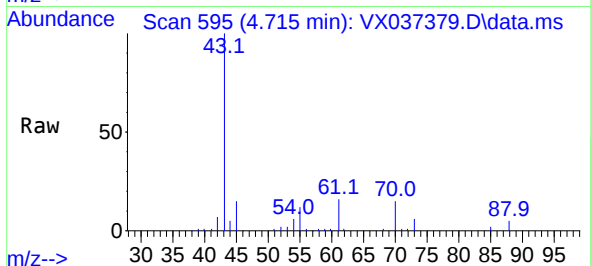
Tgt Ion: 75 Resp: 48295
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 32.1 24.7 37.1





#37
Ethyl Acetate
Concen: 18.253 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

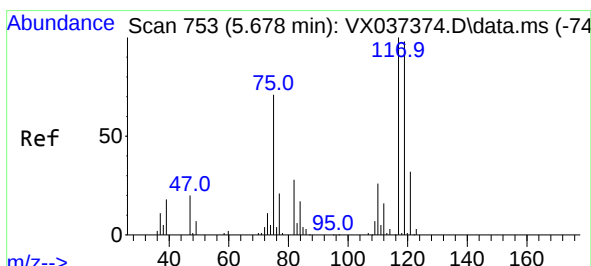
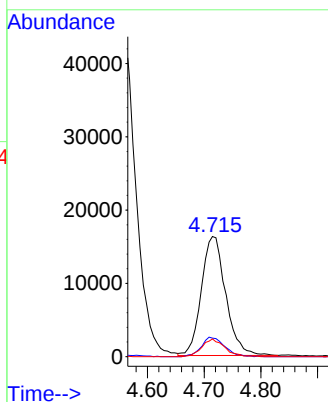
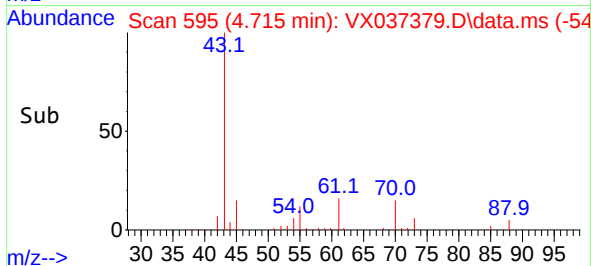
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



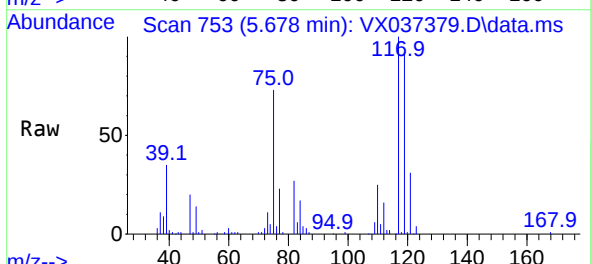
Tgt Ion: 43 Resp: 48370
Ion Ratio Lower Upper
43 100
61 15.7 10.6 16.0
70 14.0 8.3 12.5

Manual Integrations
APPROVED

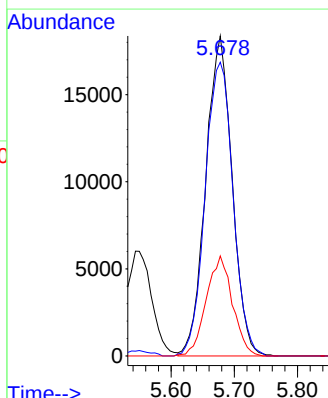
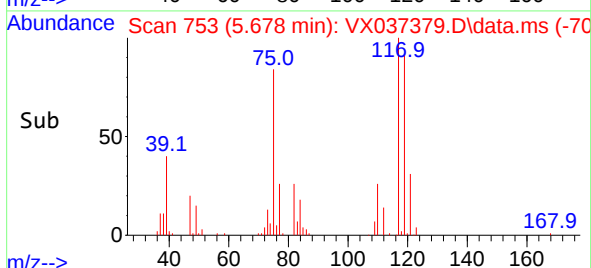
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

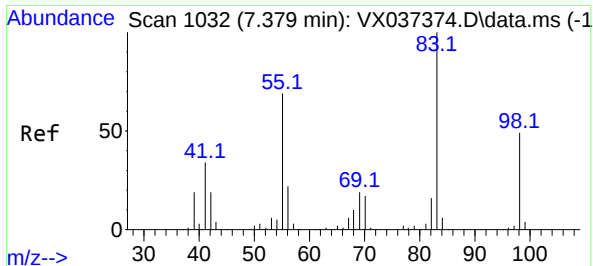


#38
Carbon Tetrachloride
Concen: 18.920 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion:117 Resp: 53315
Ion Ratio Lower Upper
117 100
119 91.8 78.2 117.2
121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 23.010 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 83 Resp: 6271

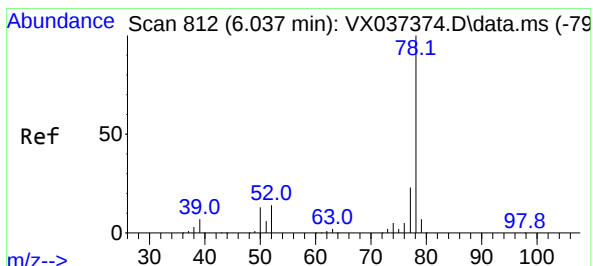
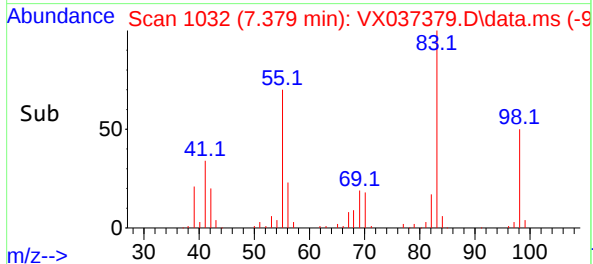
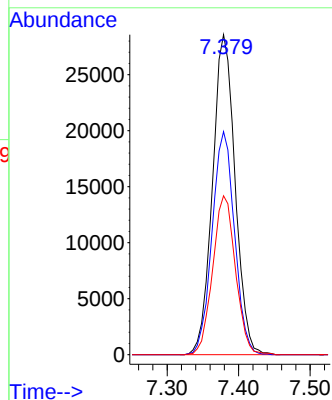
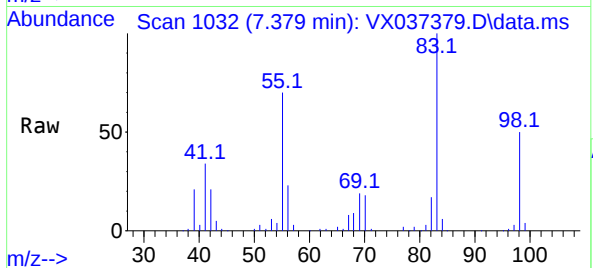
Ion	Ratio	Lower	Upper
83	100		
55	69.7	64.6	97.0
98	49.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#40

Benzene

Concen: 19.735 ug/l

RT: 6.038 min Scan# 812

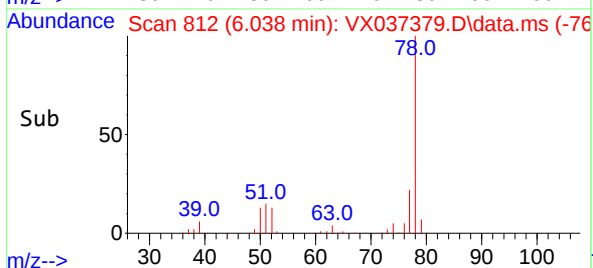
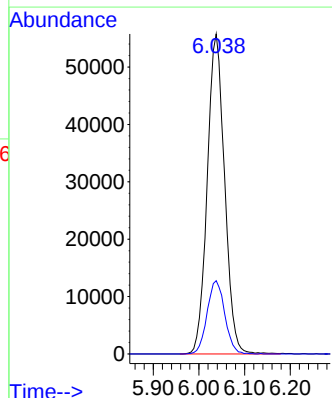
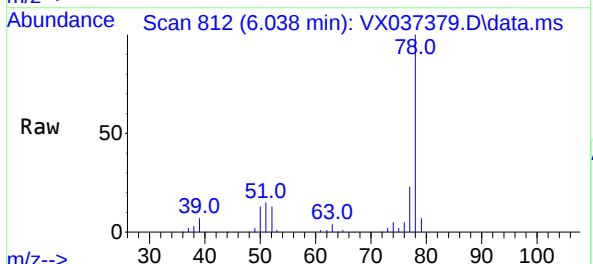
Delta R.T. 0.000 min

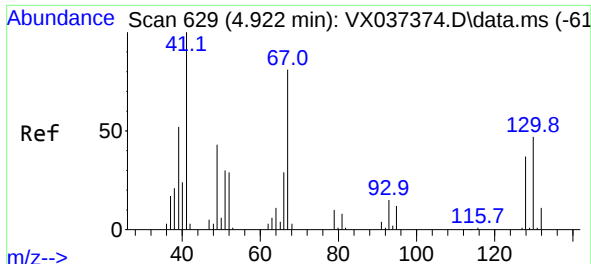
Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Tgt Ion: 78 Resp: 146828

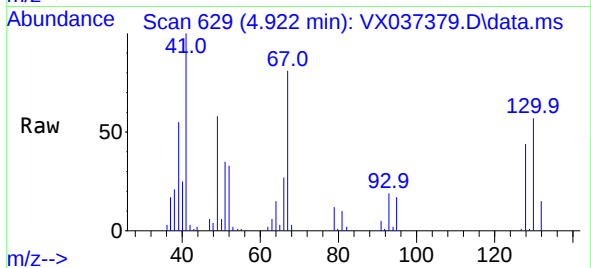
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 18.681 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

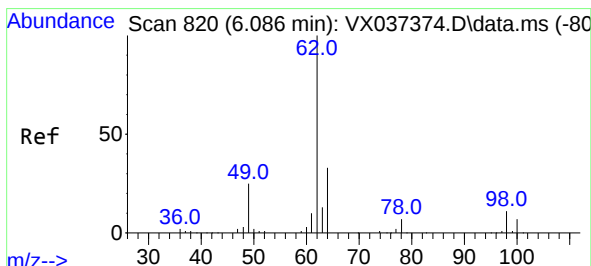
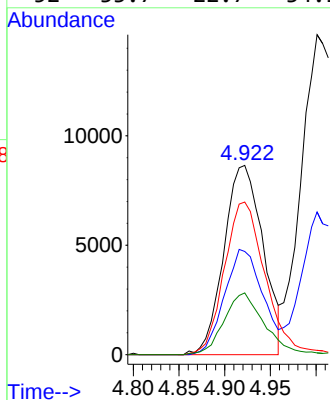
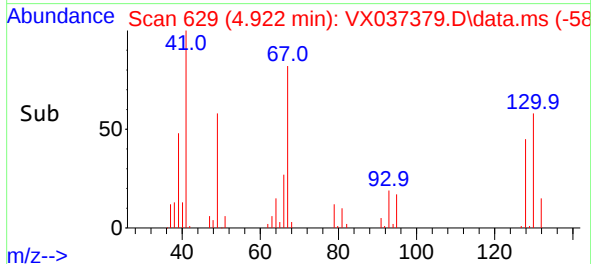


Tgt Ion: 41 Resp: 2573

Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.2	67.8
67	84.9	52.6	78.8
52	33.7	22.7	34.1

Manual Integrations
APPROVED

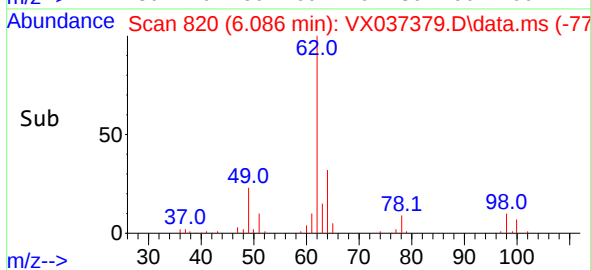
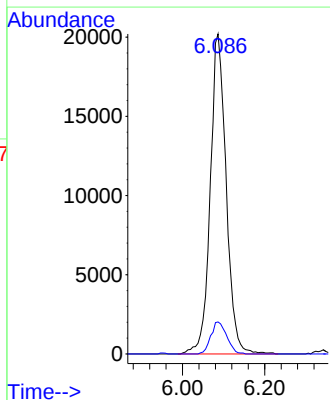
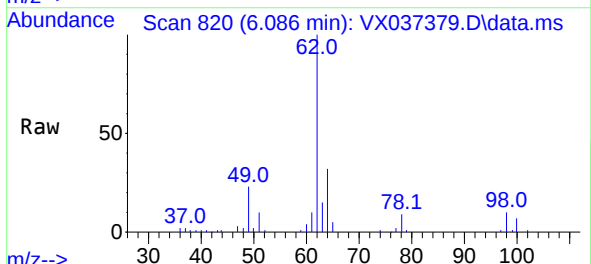
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

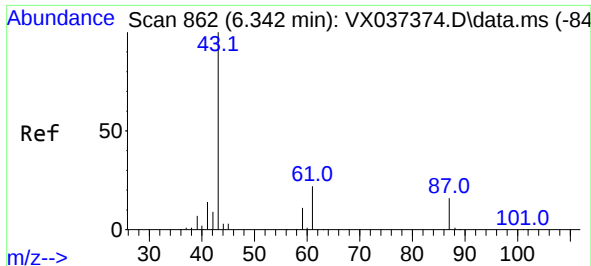


#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 62 Resp: 54271

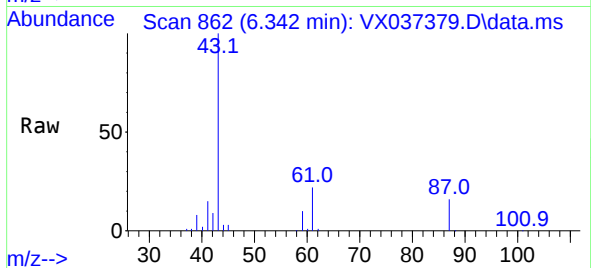
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	16.0





#43
Isopropyl Acetate
Concen: 18.307 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

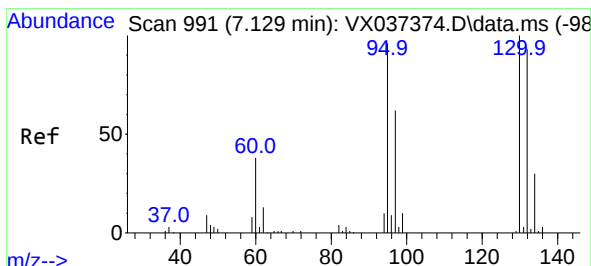
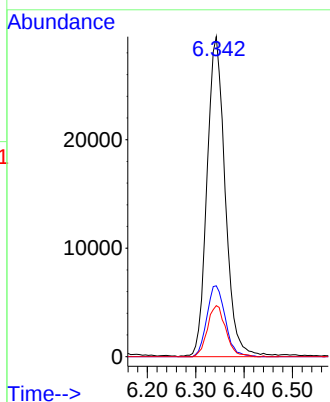
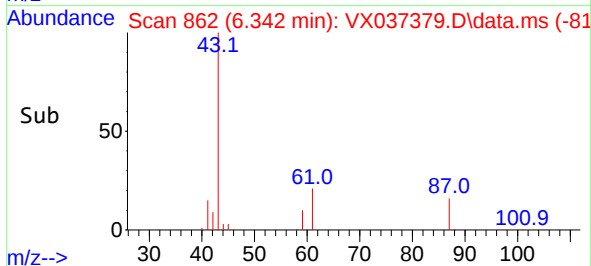
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion: 43 Resp: 7701
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 16.1 9.8 14.6

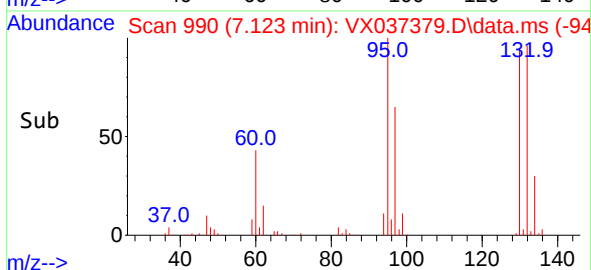
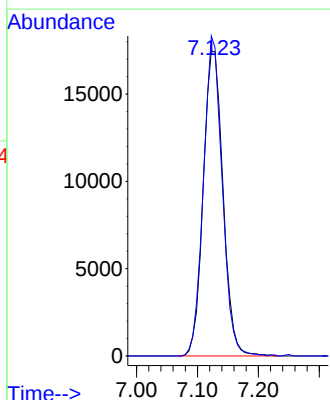
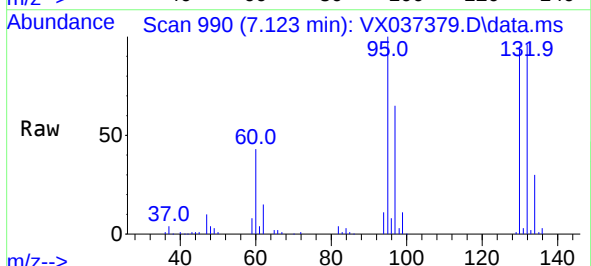
Manual Integrations
APPROVED

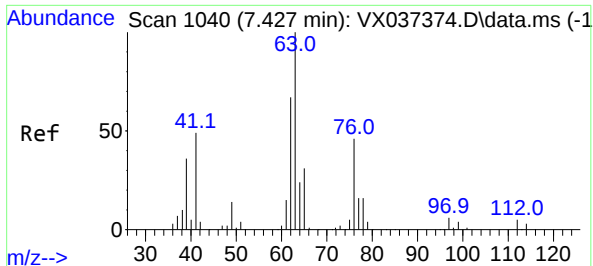
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#44
Trichloroethene
Concen: 18.714 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion:130 Resp: 39480
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.042 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 63 Resp: 3676

Ion Ratio Lower Upper

63 100

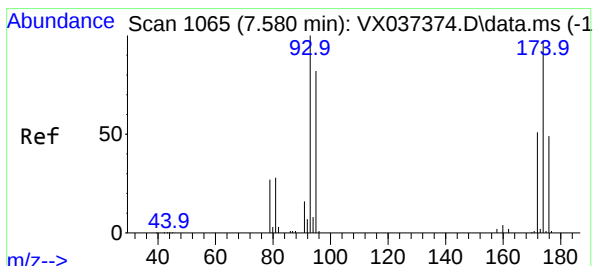
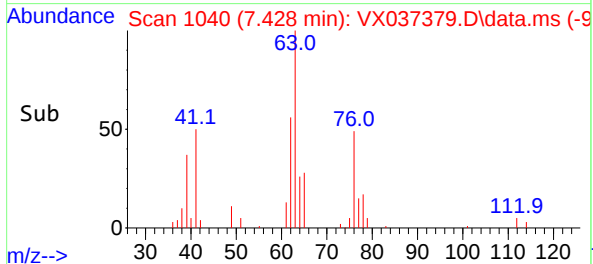
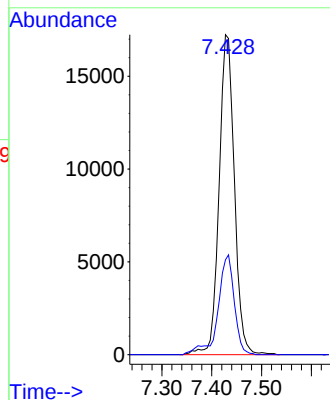
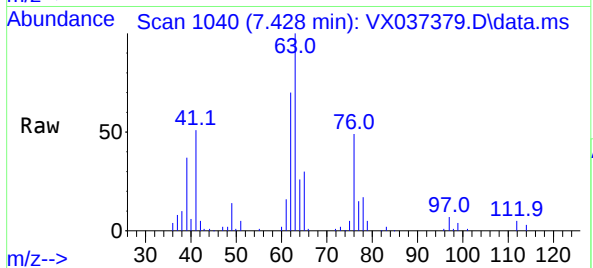
65 29.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Dibromomethane

Concen: 19.239 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

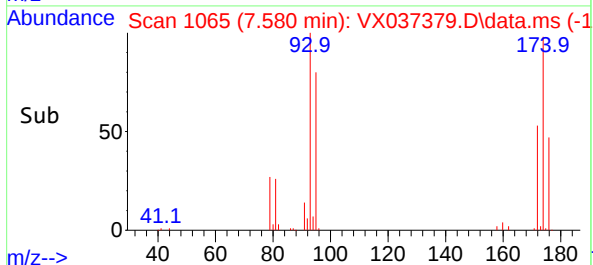
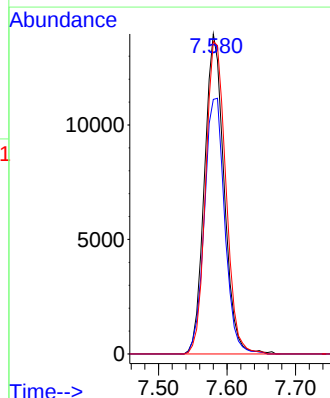
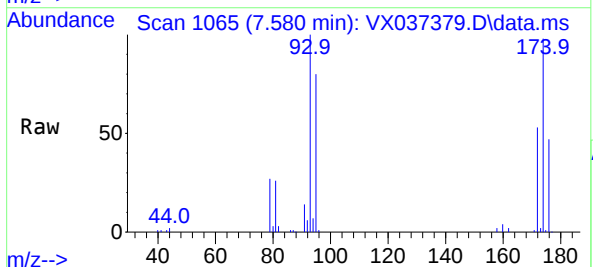
Tgt Ion: 93 Resp: 27803

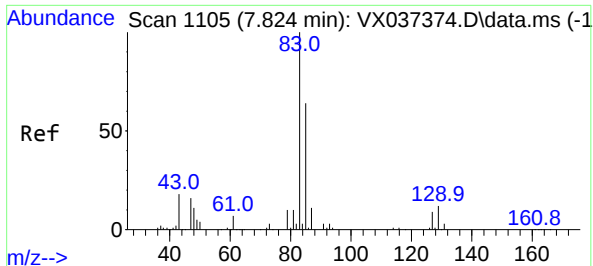
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

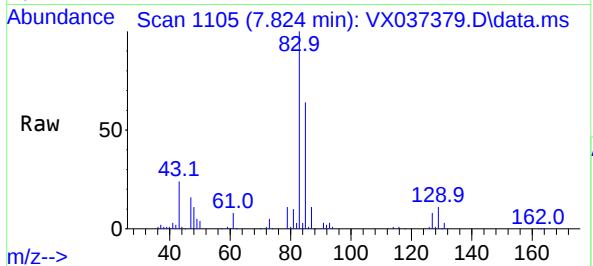
174 100.3 69.4 104.0





#47
Bromodichloromethane
Concen: 18.828 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

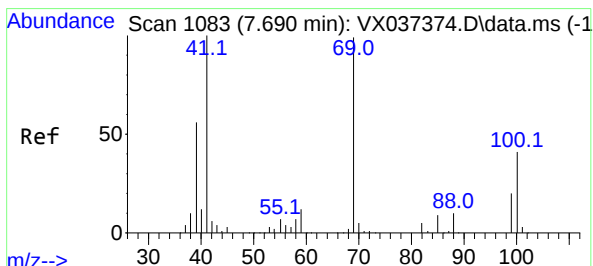
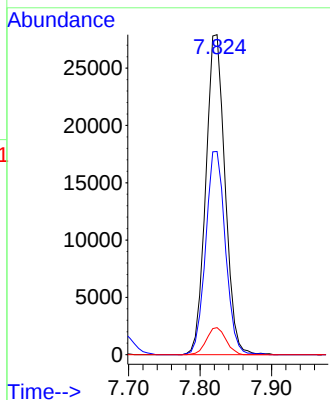
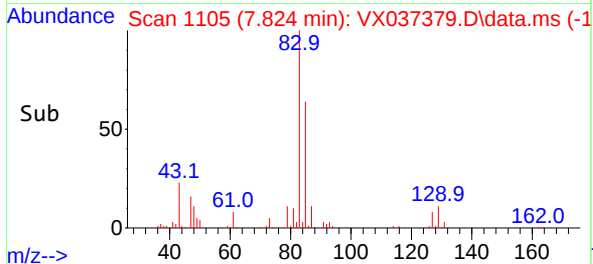
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



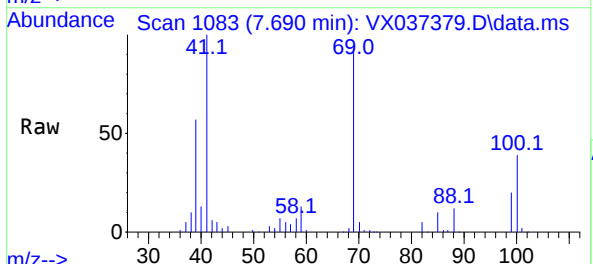
Tgt Ion: 83 Resp: 52110
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations
APPROVED

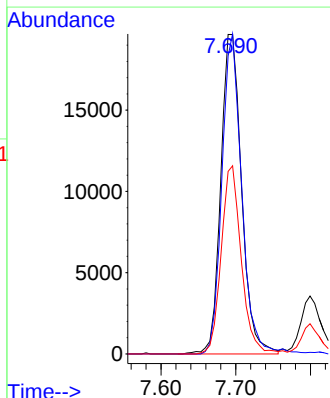
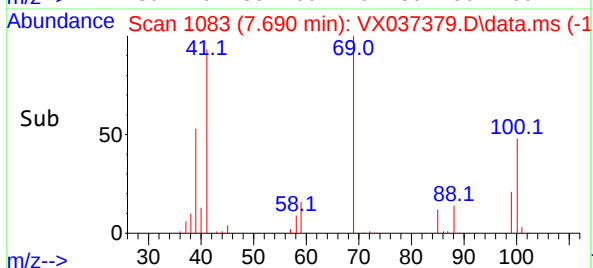
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

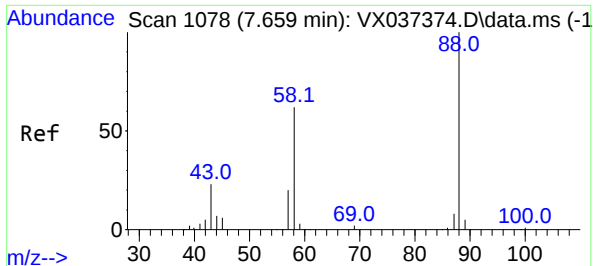


#48
Methyl methacrylate
Concen: 18.546 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion: 41 Resp: 38050
Ion Ratio Lower Upper
41 100
69 95.5 59.2 88.8#
39 57.1 47.7 71.5





#49

1,4-Dioxane

Concen: 396.881 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

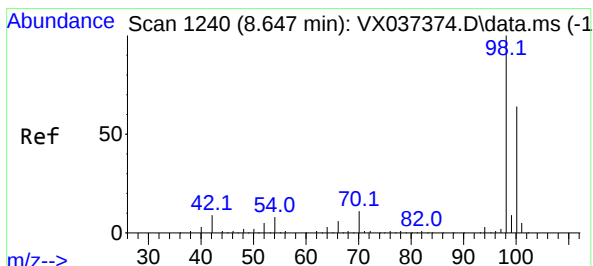
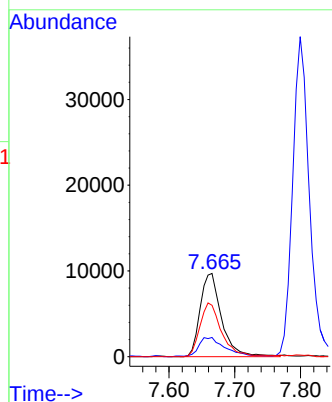
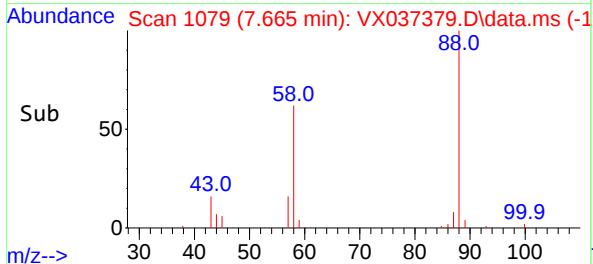
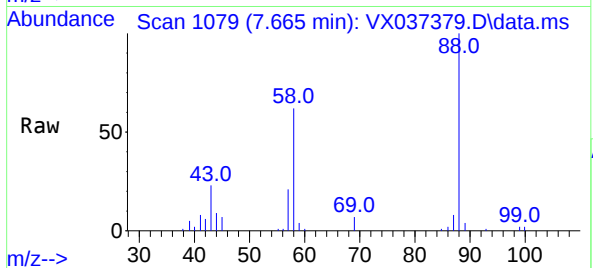
Tgt Ion: 88 Resp: 21930
 Ion Ratio Lower Upper
 88 100
 43 29.0 0.0 0.0
 58 65.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#50

Toluene-d8

Concen: 44.660 ug/l

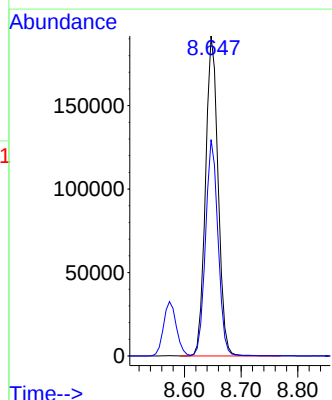
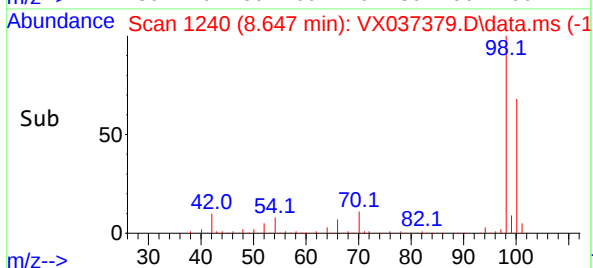
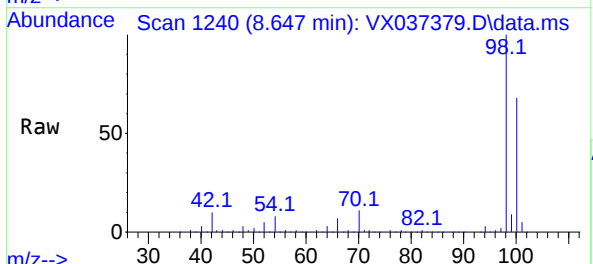
RT: 8.647 min Scan# 1240

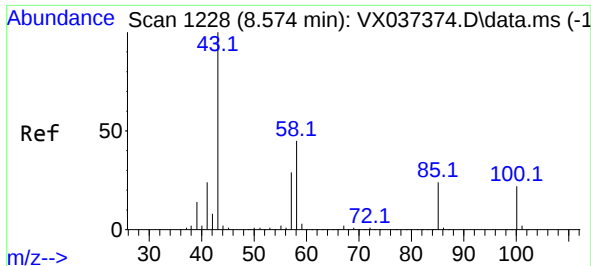
Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

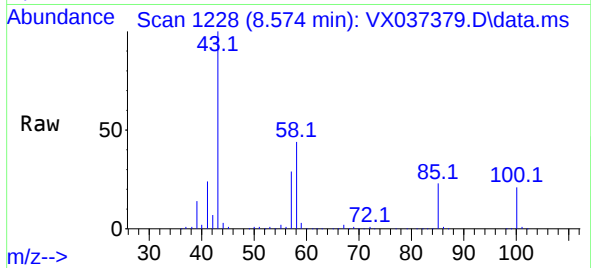
Tgt Ion: 98 Resp: 295799
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 96.476 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

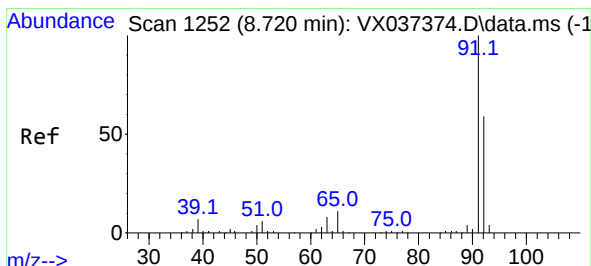
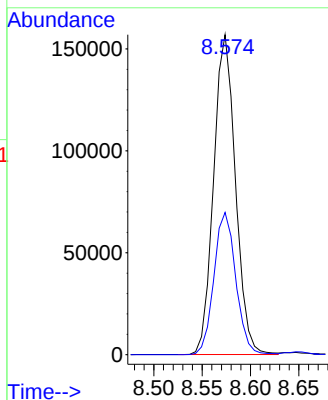
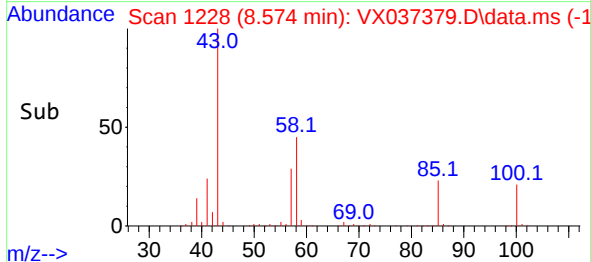
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



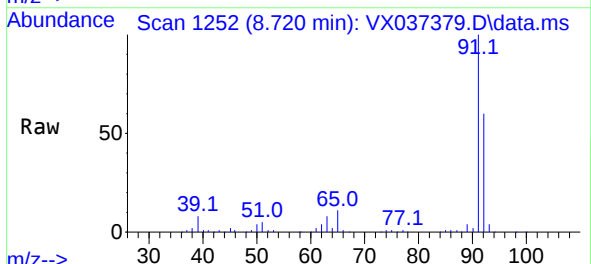
Tgt Ion: 43 Resp: 24646
Ion Ratio Lower Upper
43 100
58 44.6 30.4 45.6

Manual Integrations
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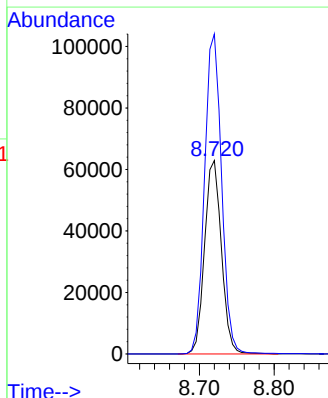
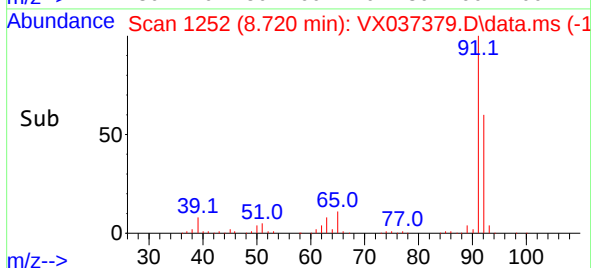
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

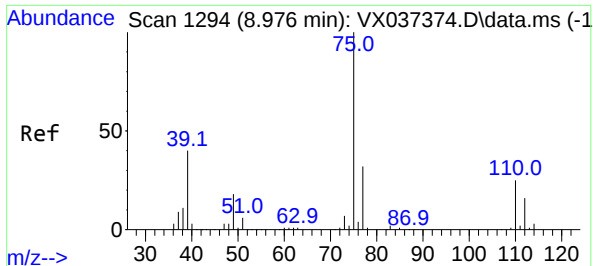


#52
Toluene
Concen: 20.059 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion: 92 Resp: 98607
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.532 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 75 Resp: 54618

Ion Ratio Lower Upper

75 100

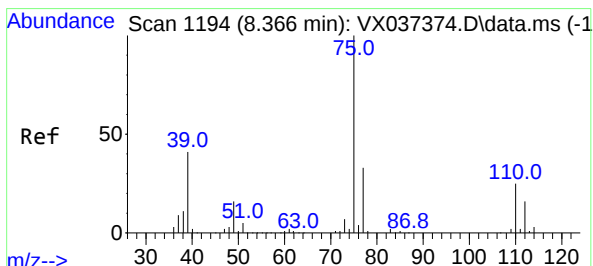
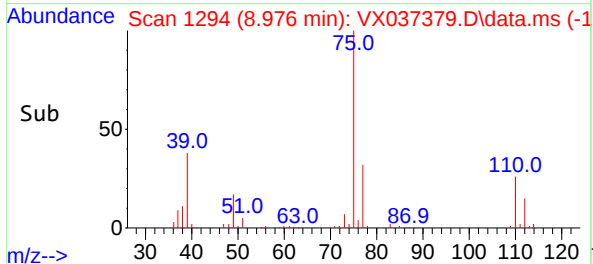
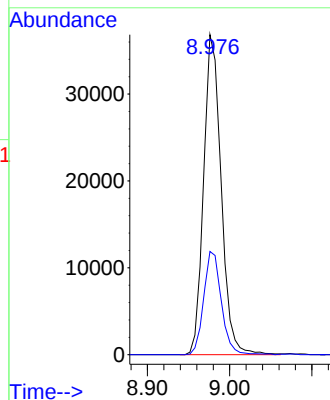
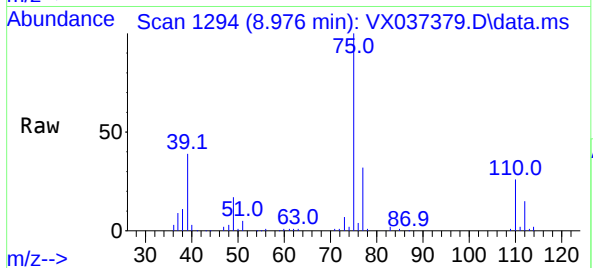
77 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#54

cis-1,3-Dichloropropene

Concen: 19.105 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

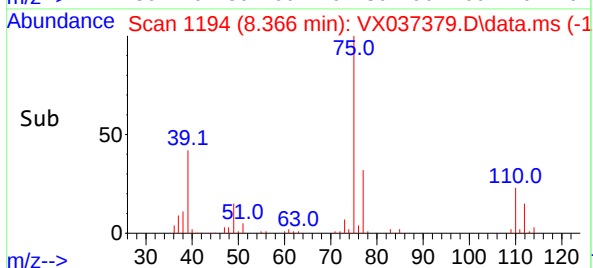
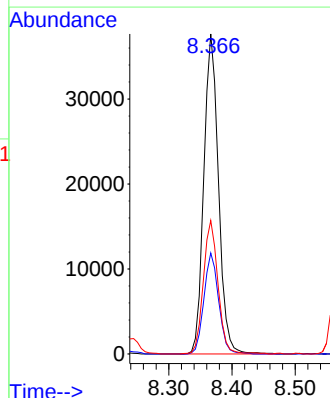
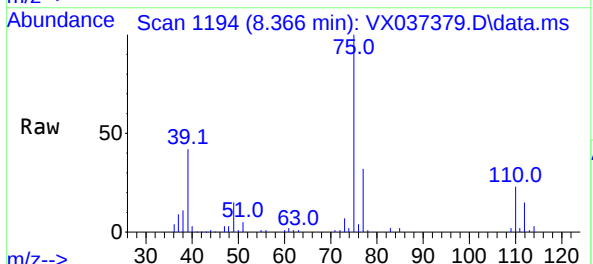
Tgt Ion: 75 Resp: 60848

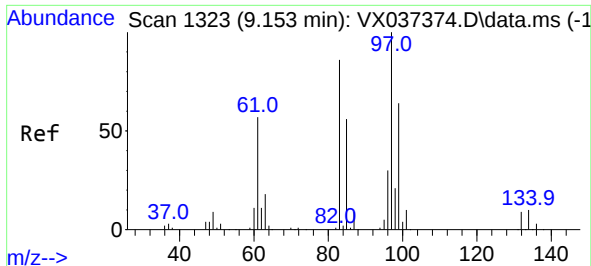
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

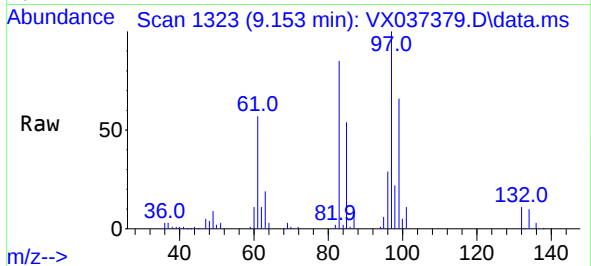
39 41.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.010 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

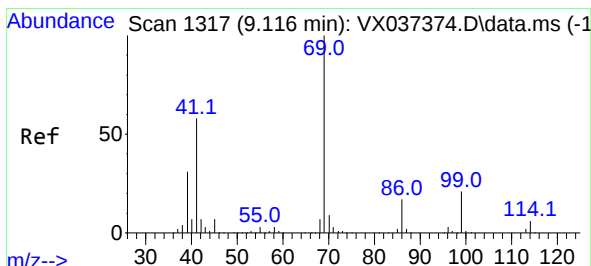
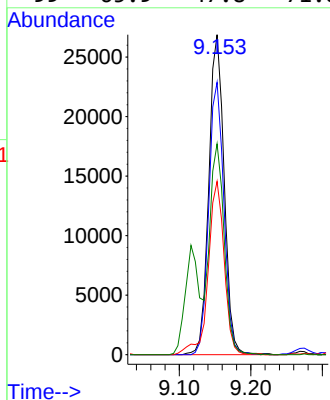
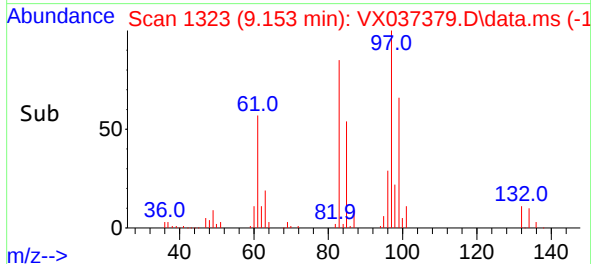


Tgt Ion: 97 Resp: 4005

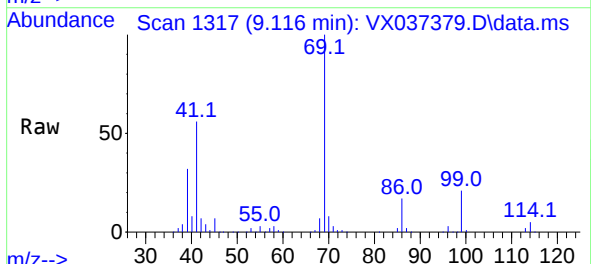
Ion	Ratio	Lower	Upper
97	100		
83	85.1	65.8	98.8
85	54.1	41.6	62.4
99	65.9	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

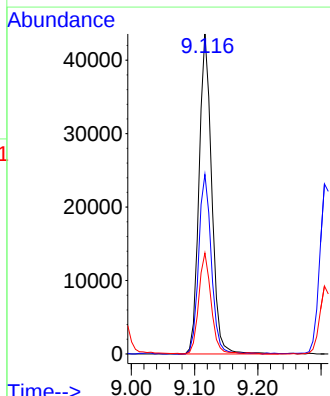
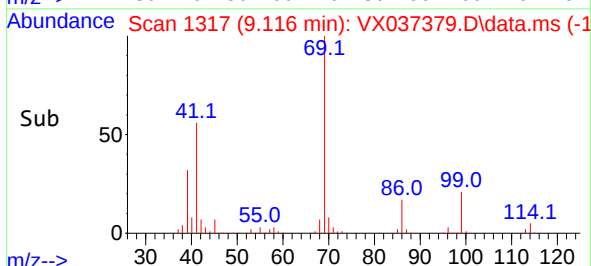


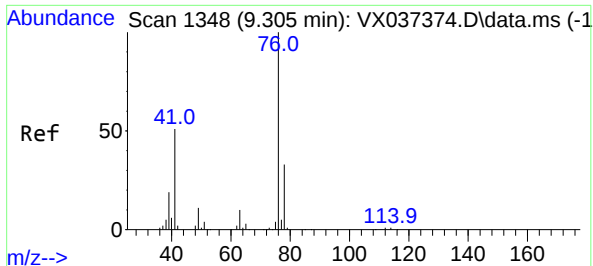
#56
Ethyl methacrylate
Concen: 19.364 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion: 69 Resp: 60711

Ion	Ratio	Lower	Upper
69	100		
41	56.4	56.8	85.2#
39	30.9	32.0	48.0#





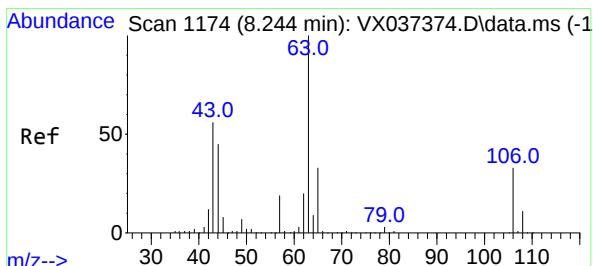
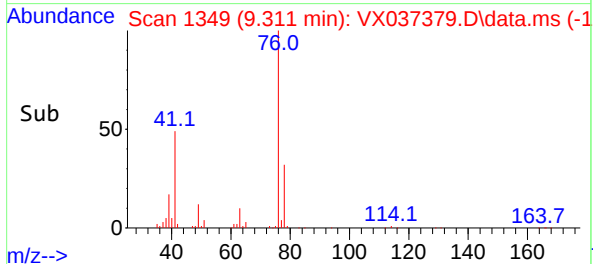
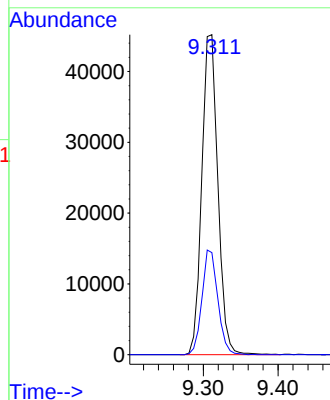
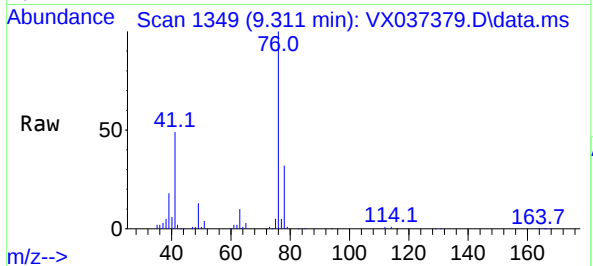
#57
1,3-Dichloropropane
Concen: 19.961 ug/l
RT: 9.311 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion: 76 Resp: 6735
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

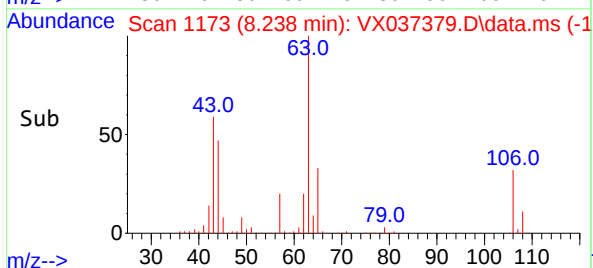
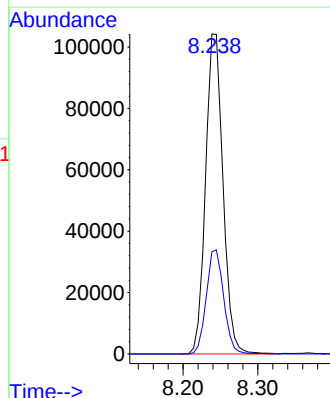
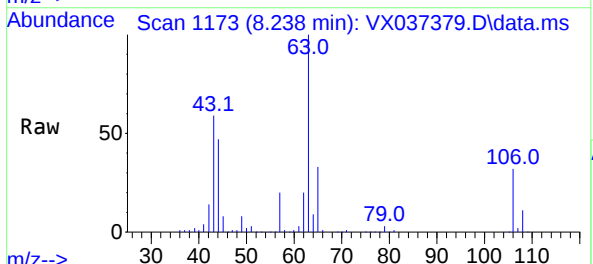
Manual Integrations
APPROVED

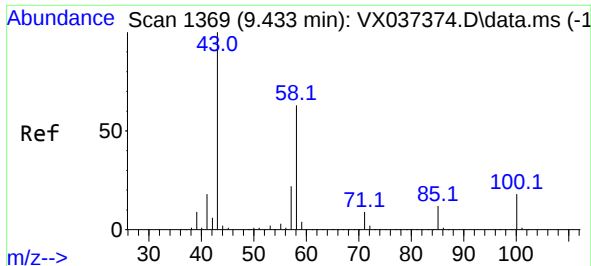
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 112.134 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Tgt Ion: 63 Resp: 168719
Ion Ratio Lower Upper
63 100
106 32.6 22.5 33.7





#59

2-Hexanone

Concen: 99.676 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 43 Resp: 194154

Ion Ratio Lower Upper

43 100

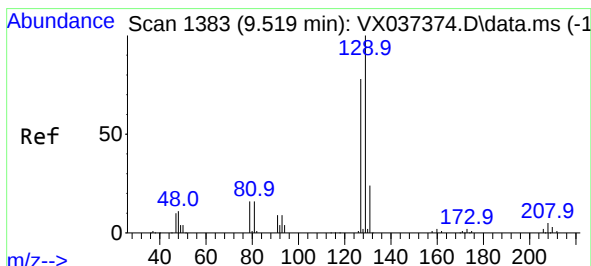
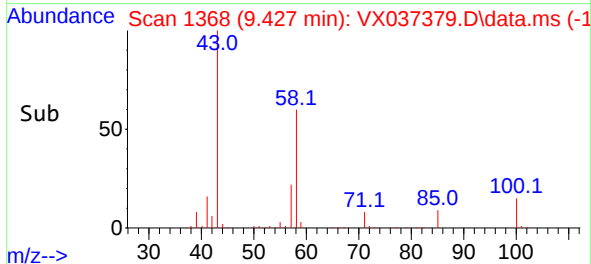
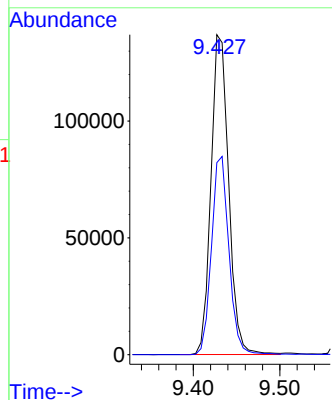
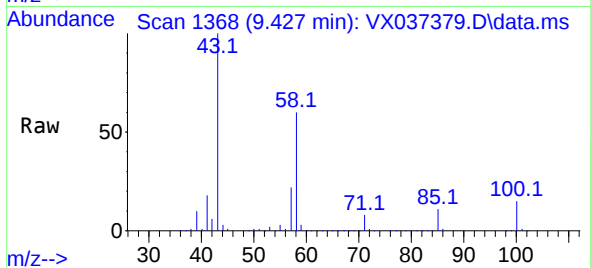
58 61.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#60

Dibromochloromethane

Concen: 19.288 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037379.D

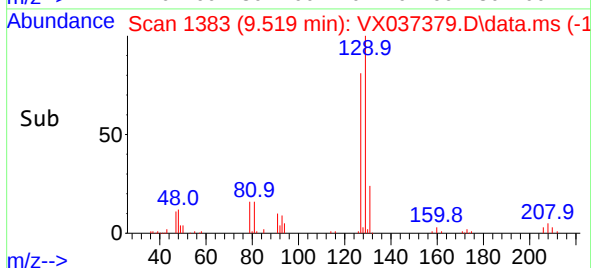
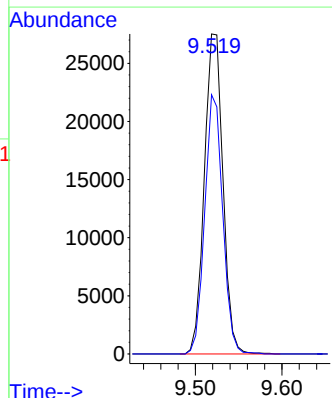
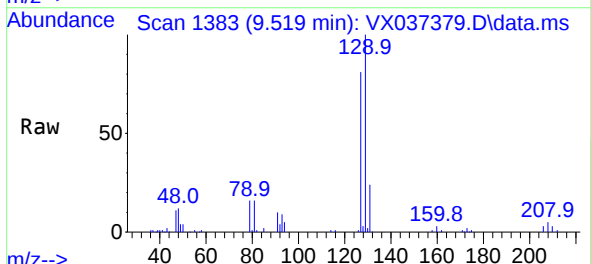
Acq: 30 Aug 2023 11:11

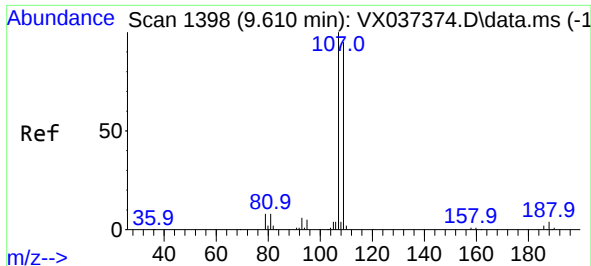
Tgt Ion:129 Resp: 41106

Ion Ratio Lower Upper

129 100

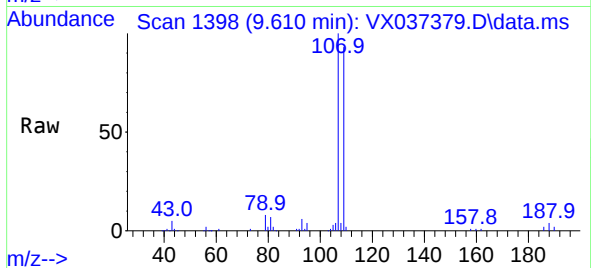
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.758 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

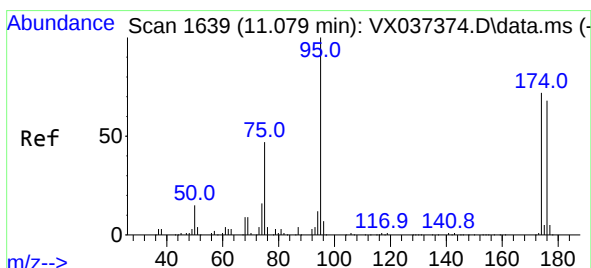
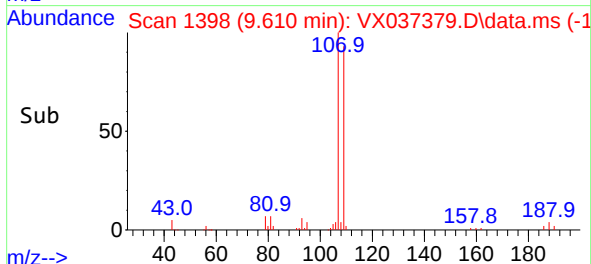
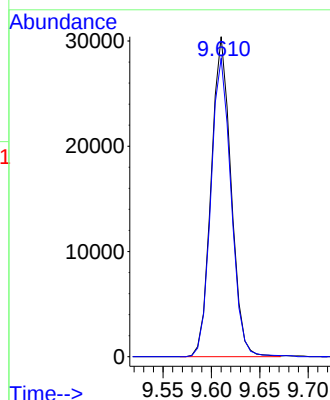
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion:107 Resp: 43300
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

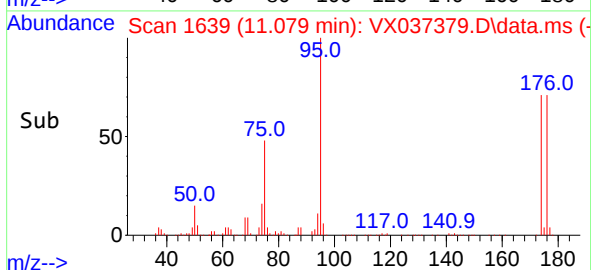
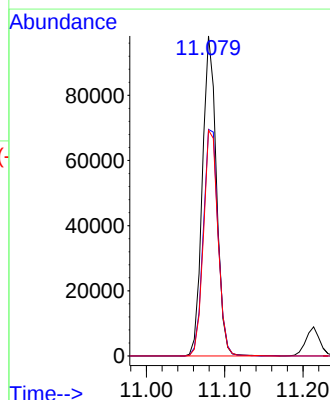
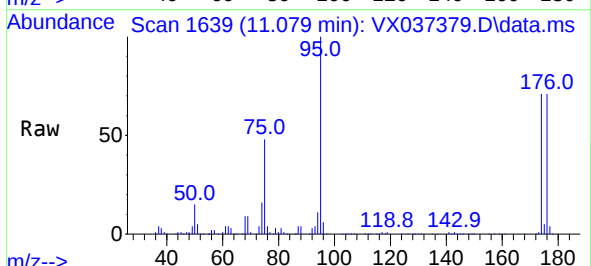
Manual Integrations
APPROVED

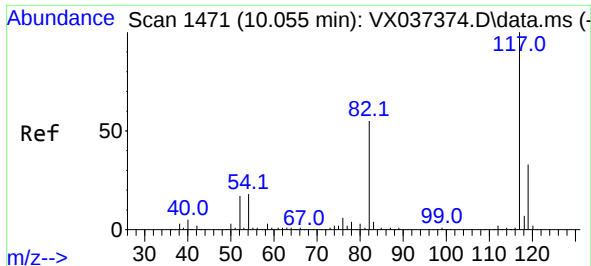
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#62
4-Bromofluorobenzene
Concen: 46.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

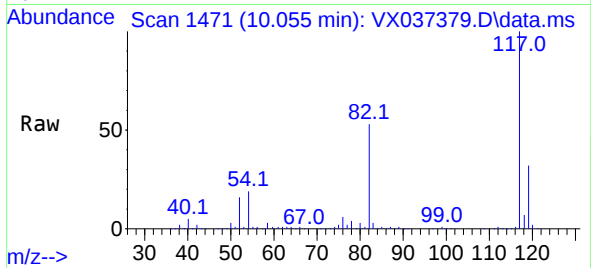
Tgt Ion: 95 Resp: 122282
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

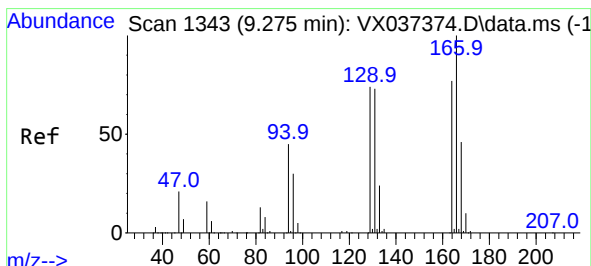
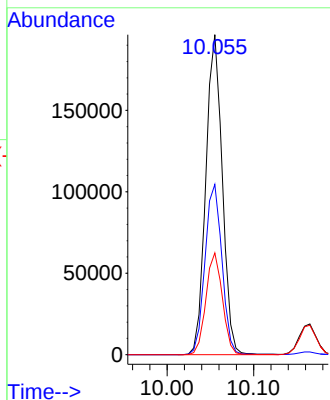
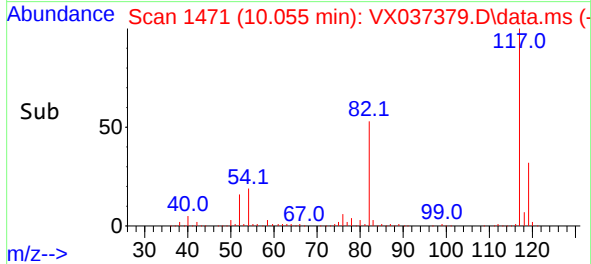
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



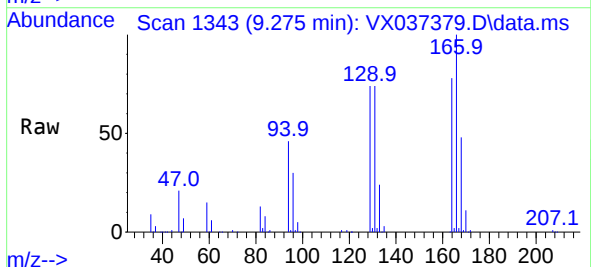
Tgt Ion:117 Resp: 25986
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 31.8 25.5 38.3

Manual Integrations
APPROVED

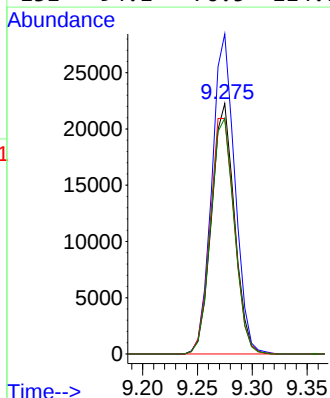
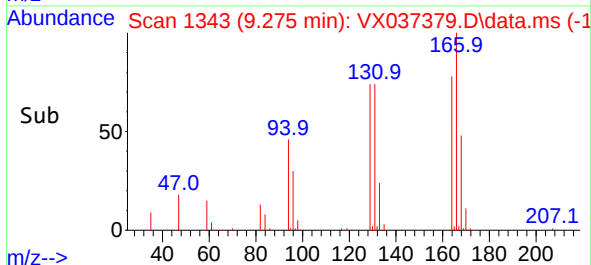
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

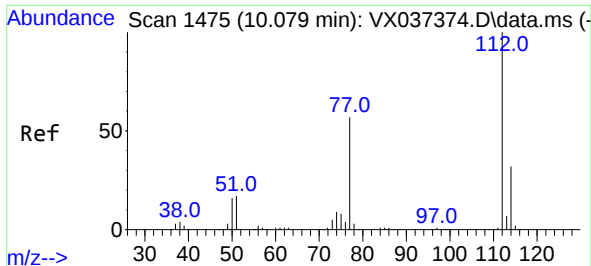


#64
Tetrachloroethene
Concen: 17.047 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion:164 Resp: 32317
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 94.0 80.4 120.6
131 94.1 76.5 114.7





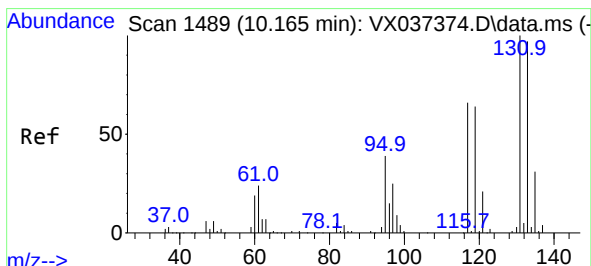
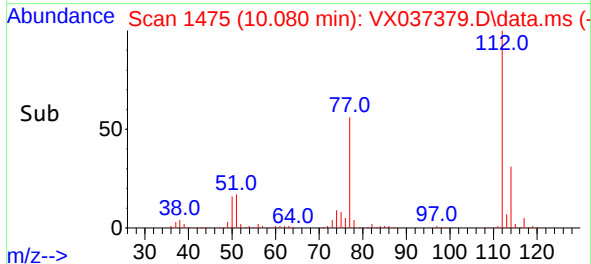
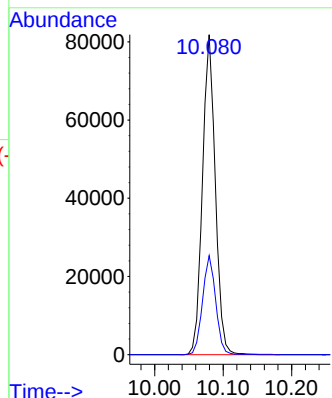
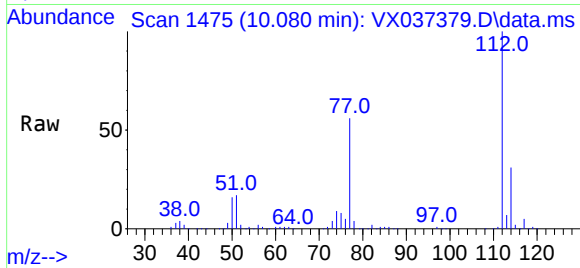
#65
Chlorobenzene
Concen: 19.424 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion:112 Resp: 10668
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5

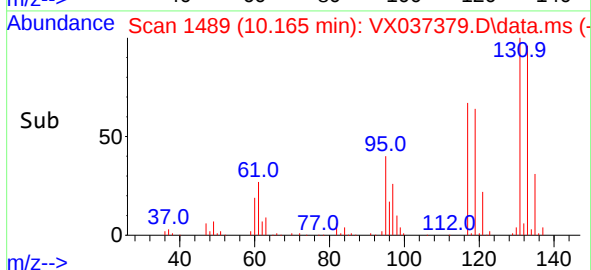
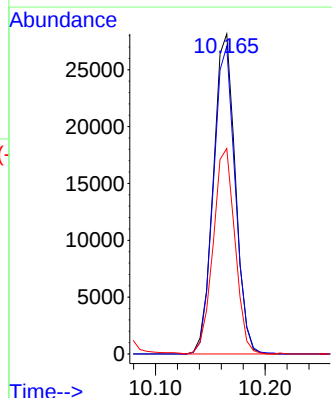
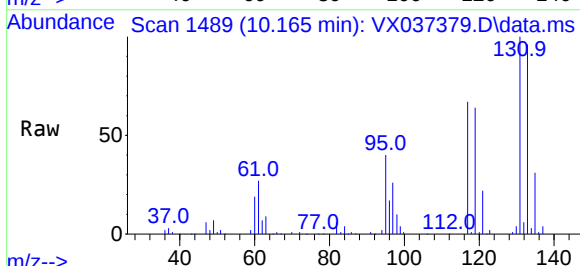
Manual Integrations
APPROVED

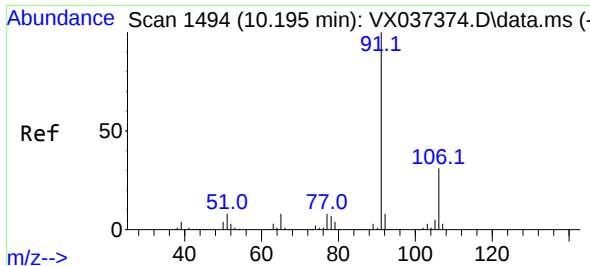
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.311 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

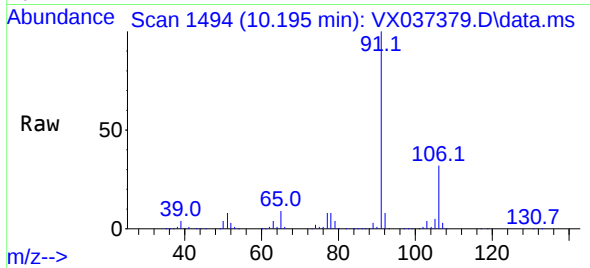
Tgt Ion:131 Resp: 39145
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 63.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.407 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

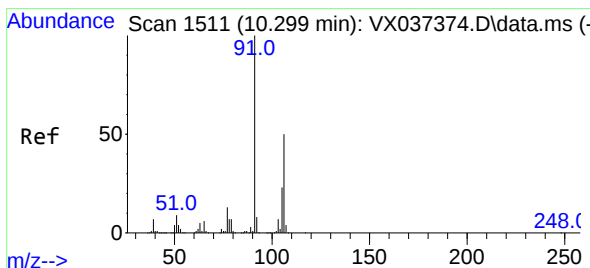
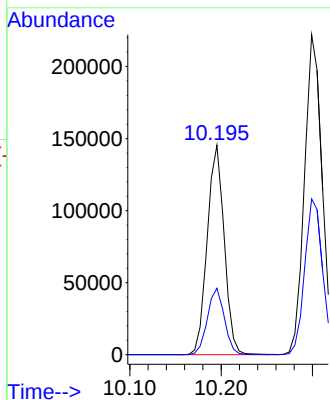
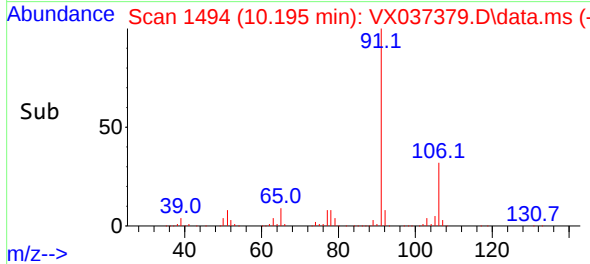
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



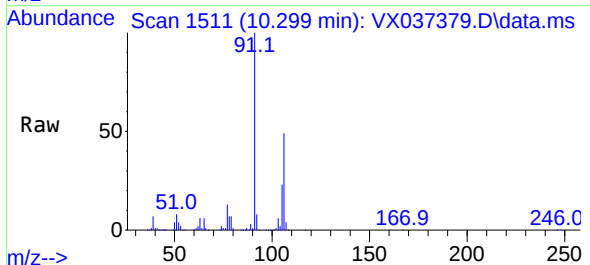
Tgt Ion: 91 Resp: 187560
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

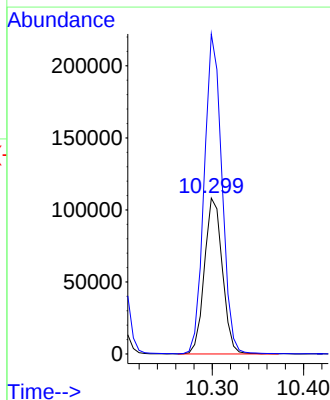
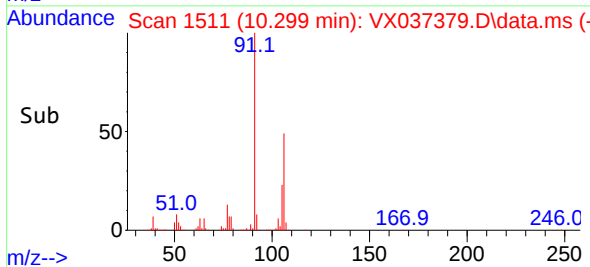
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

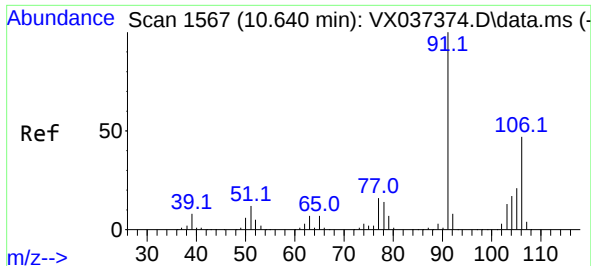


#68
m/p-Xylenes
Concen: 39.541 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



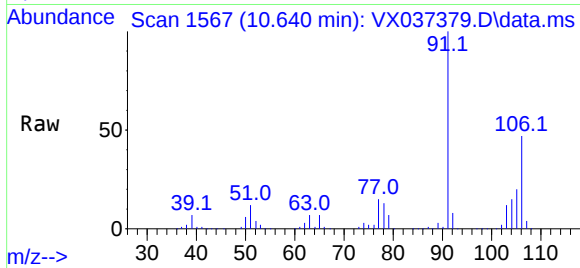
Tgt Ion:106 Resp: 147573
Ion Ratio Lower Upper
106 100
91 202.3 165.5 248.3





#69
o-Xylene
Concen: 19.974 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

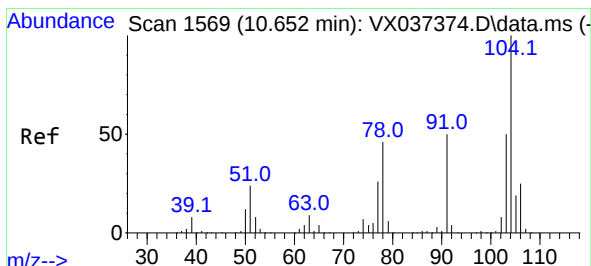
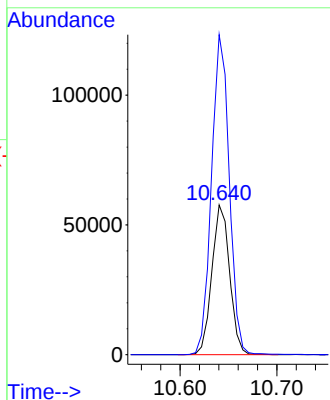
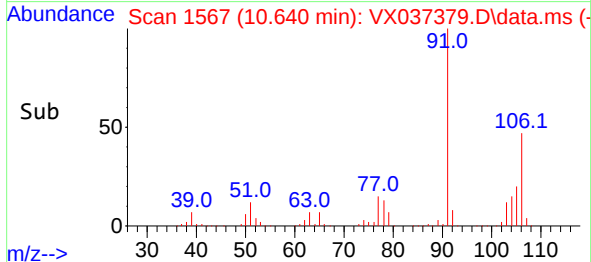
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



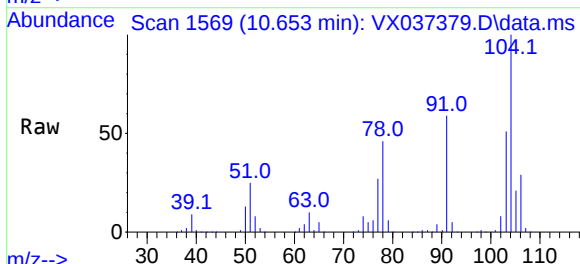
Tgt Ion:106 Resp: 73549
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8

Manual Integrations
APPROVED

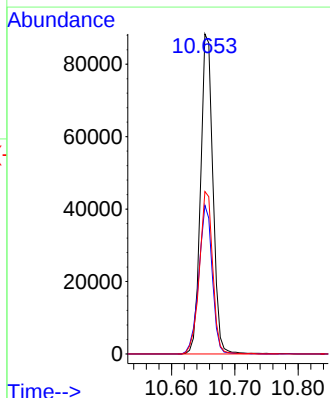
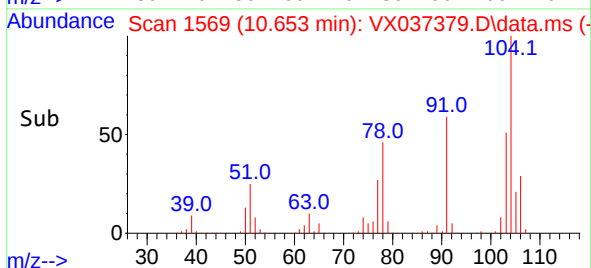
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

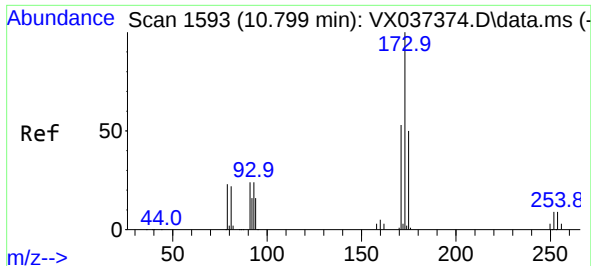


#70
Styrene
Concen: 19.831 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



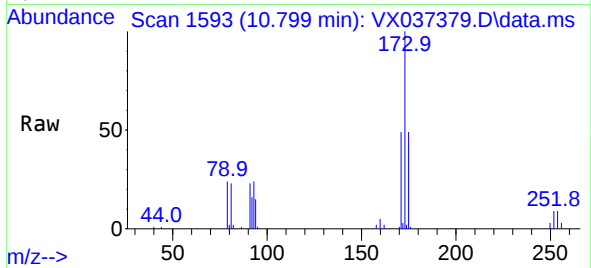
Tgt Ion:104 Resp: 120285
Ion Ratio Lower Upper
104 100
78 50.6 43.6 65.4
103 54.3 43.6 65.4





#71
Bromoform
Concen: 19.381 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

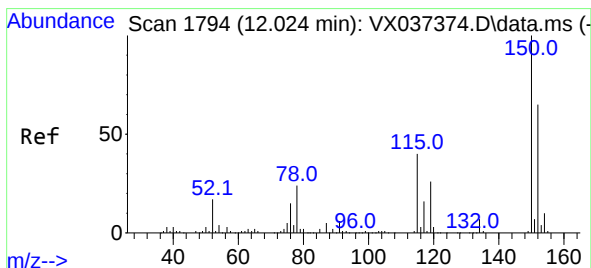
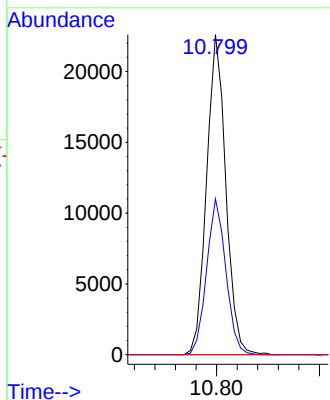
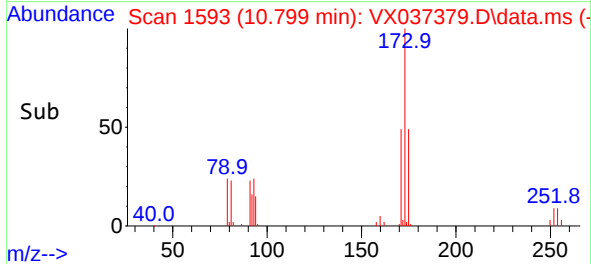
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



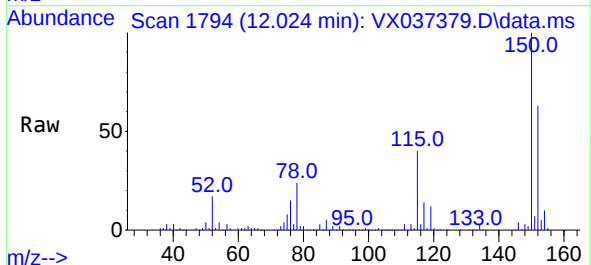
Tgt Ion:173 Resp: 2938
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

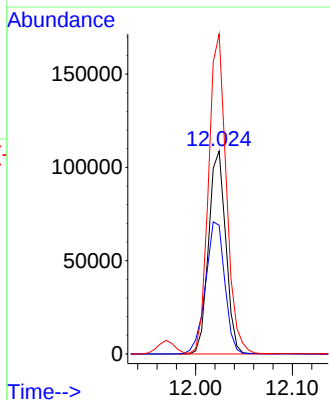
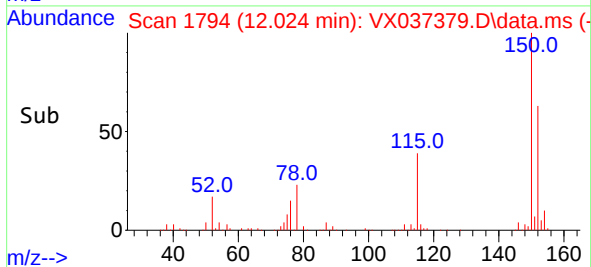
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

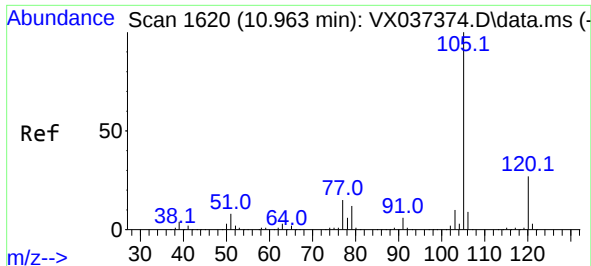


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



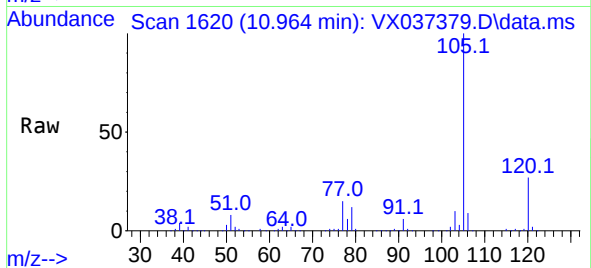
Tgt Ion:152 Resp: 134479
Ion Ratio Lower Upper
152 100
115 72.8 43.3 129.9
150 163.7 0.0 345.0





#73
Isopropylbenzene
Concen: 19.691 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

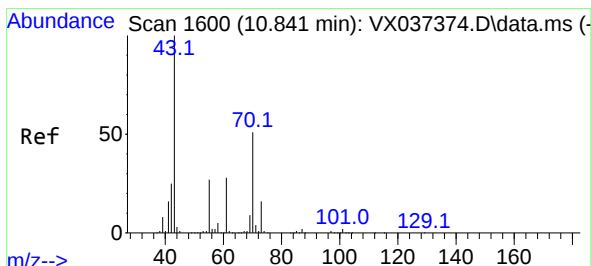
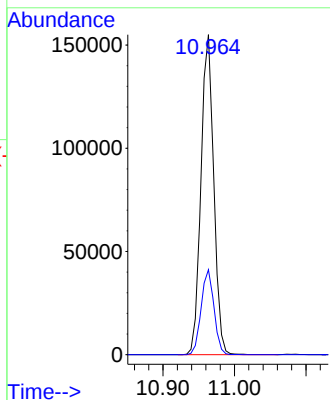
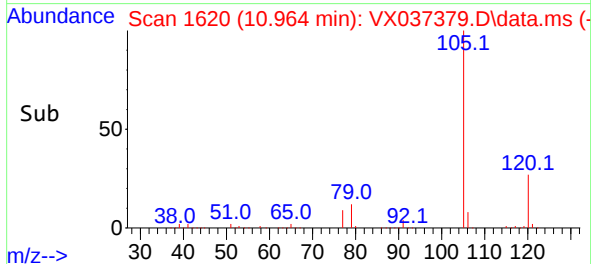
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



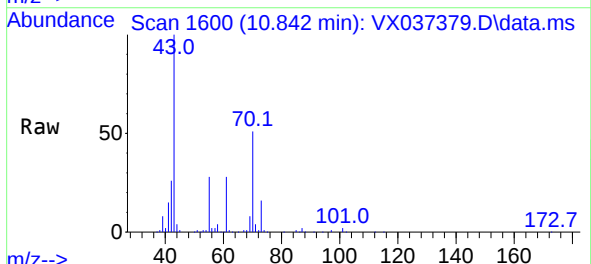
Tgt Ion:105 Resp: 192470
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

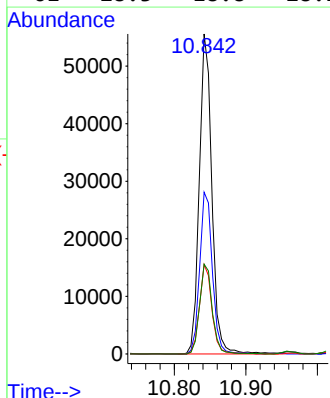
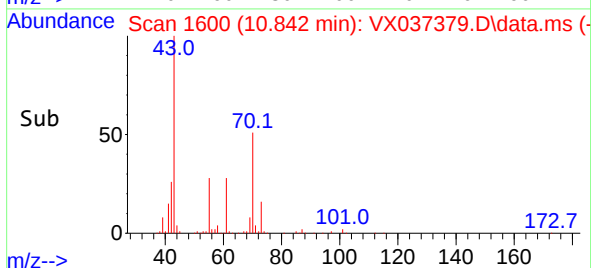
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

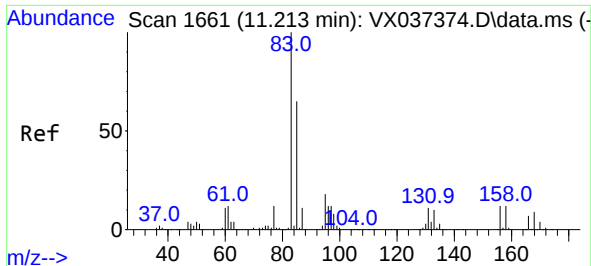


#74
N-ethyl acetate
Concen: 17.833 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



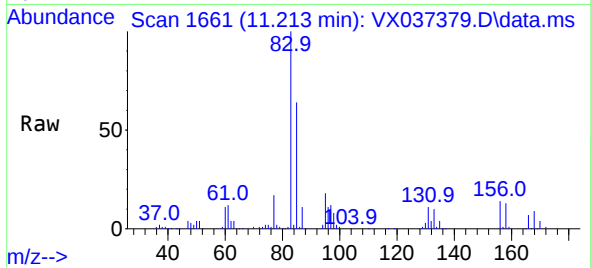
Tgt Ion: 43 Resp: 67729
Ion Ratio Lower Upper
43 100
70 51.3 32.9 49.3#
55 27.8 19.3 28.9
61 28.3 18.8 28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.654 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

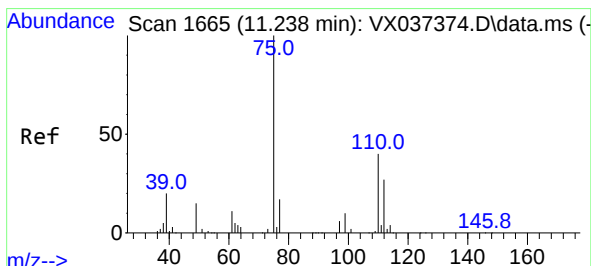
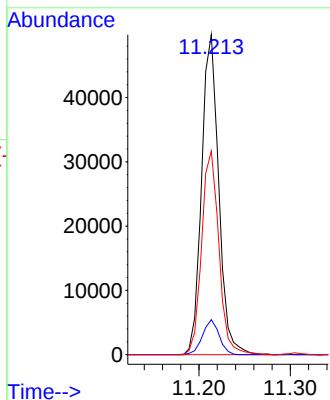
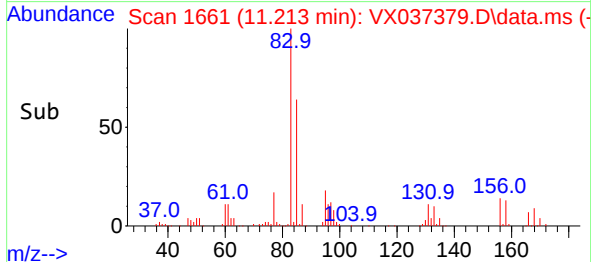
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



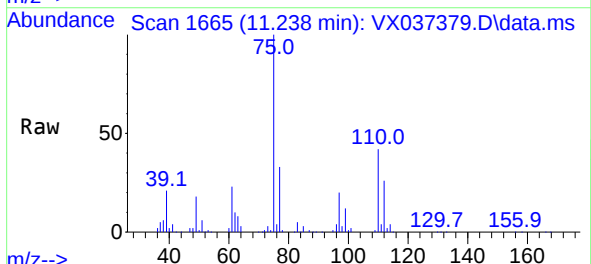
Tgt Ion: 83 Resp: 64699
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.8
85 64.0 32.0 96.2

Manual Integrations
APPROVED

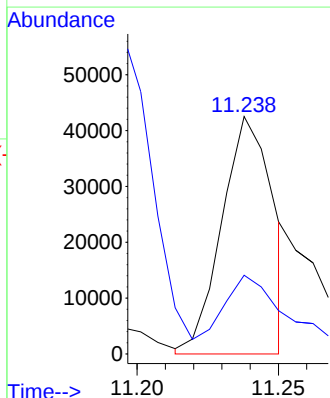
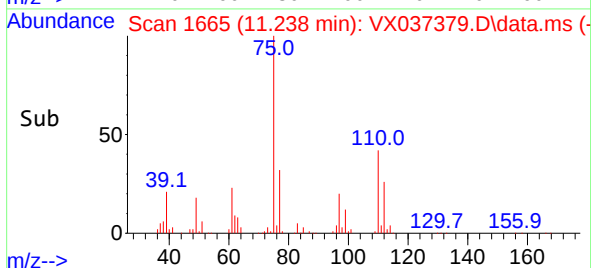
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

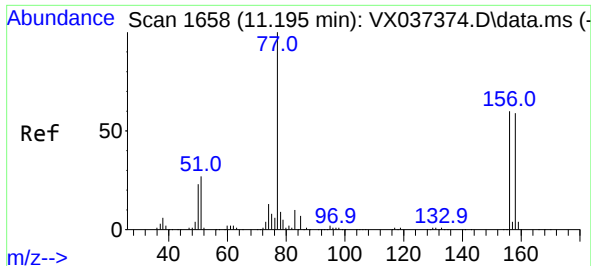


#76
1,2,3-Trichloropropane
Concen: 18.679 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



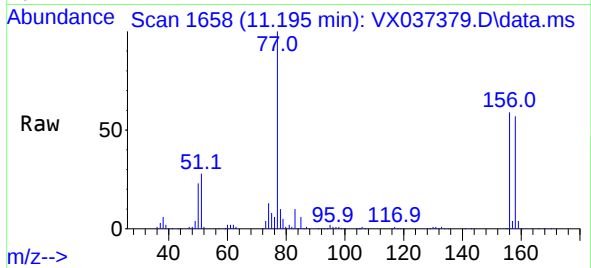
Tgt Ion: 75 Resp: 53496
Ion Ratio Lower Upper
75 100
77 43.6 19.1 57.5





#77
Bromobenzene
Concen: 18.941 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

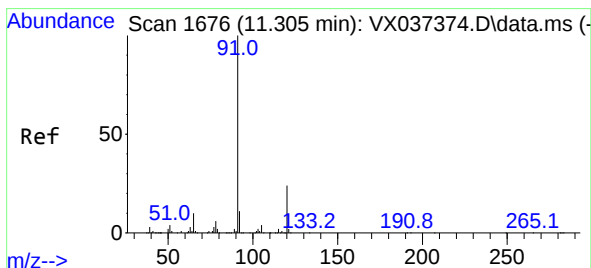
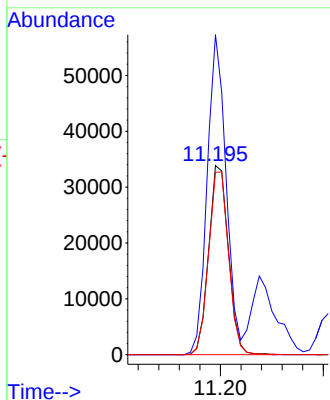
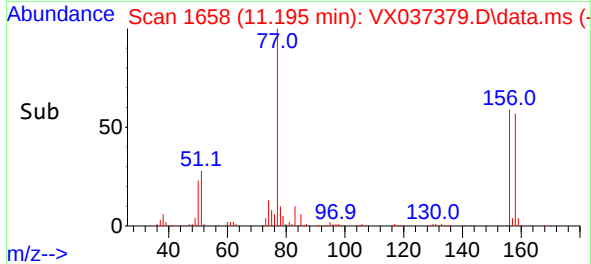
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



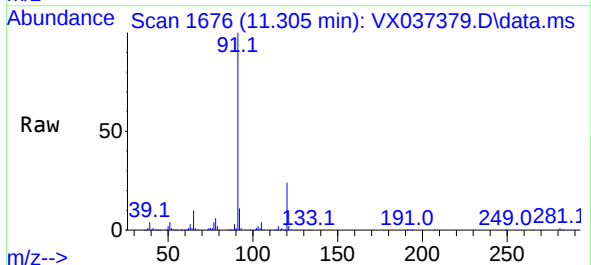
Tgt Ion:156 Resp: 45217
Ion Ratio Lower Upper
156 100
77 161.3 88.4 265.3
158 97.7 48.0 144.0

Manual Integrations
APPROVED

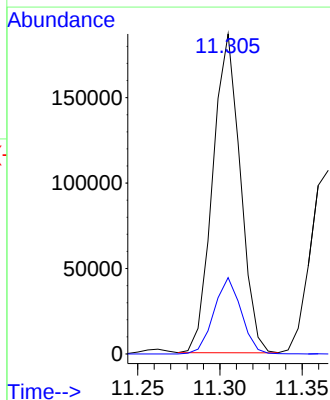
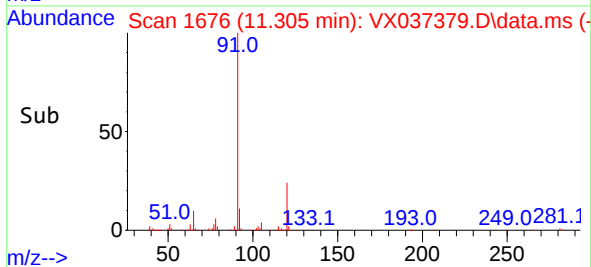
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

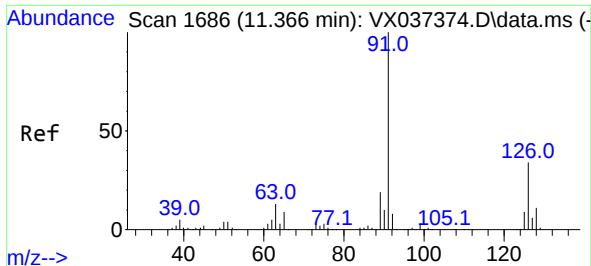


#78
n-propylbenzene
Concen: 20.002 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion: 91 Resp: 217705
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





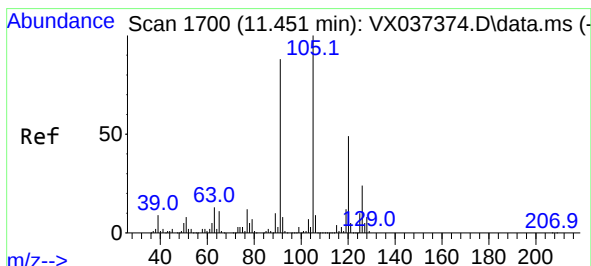
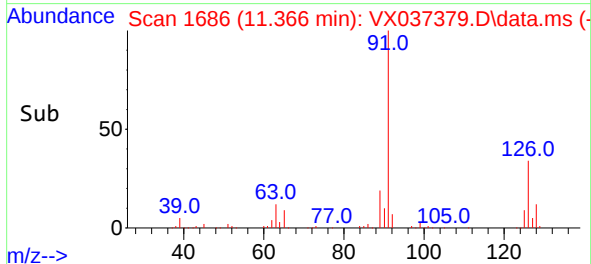
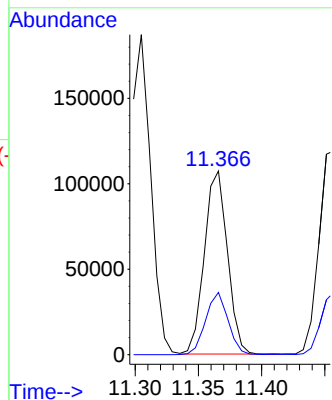
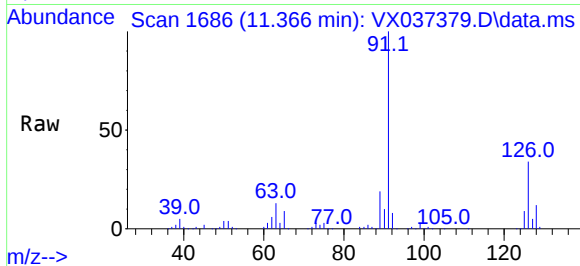
#79
2-Chlorotoluene
Concen: 19.570 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01

Tgt Ion: 91 Resp: 136115
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

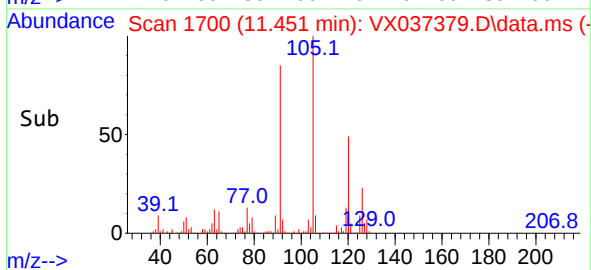
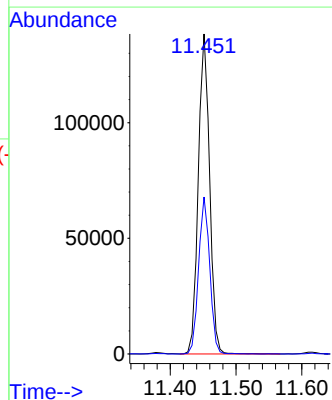
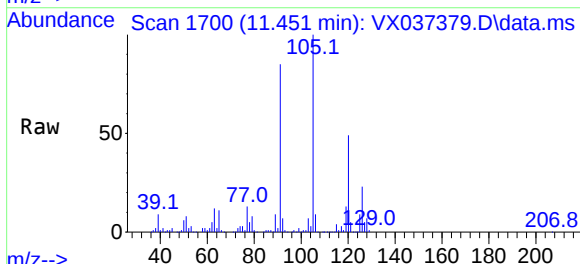
Manual Integrations
APPROVED

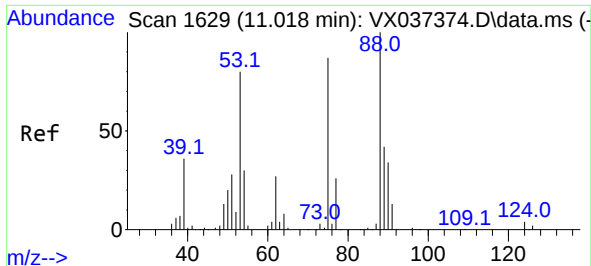
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

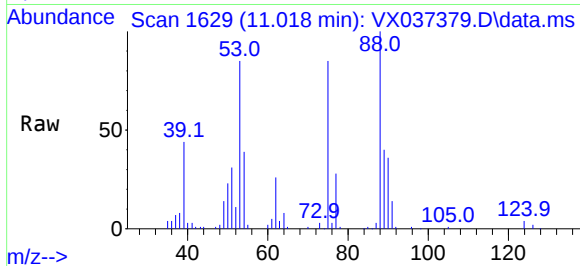
Tgt Ion:105 Resp: 165042
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.255 ug/l
RT: 11.018 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

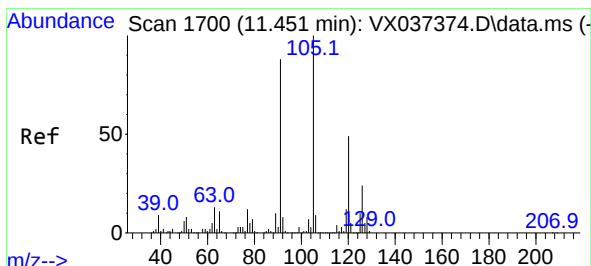
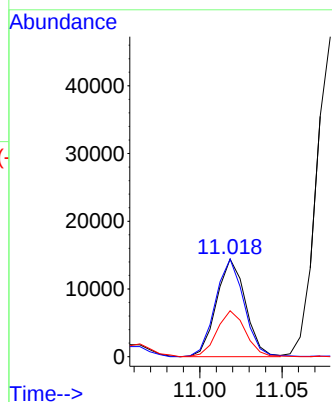
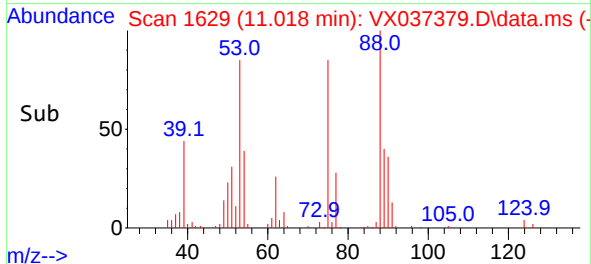
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



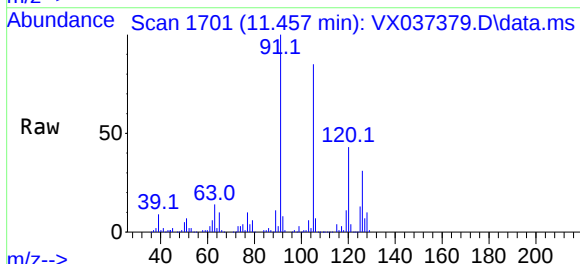
Tgt Ion: 75 Resp: 1769
Ion Ratio Lower Upper
75 100
53 99.1 90.5 135.7
89 46.5 36.9 55.3

Manual Integrations
APPROVED

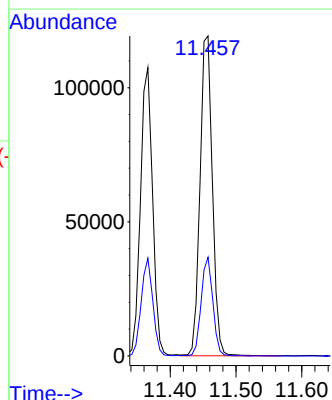
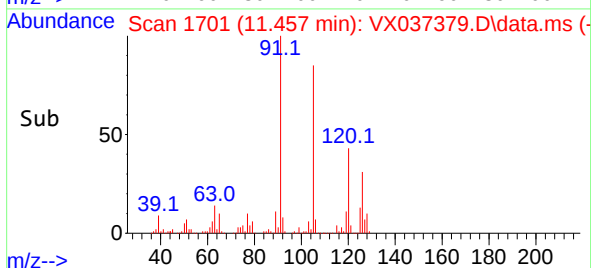
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

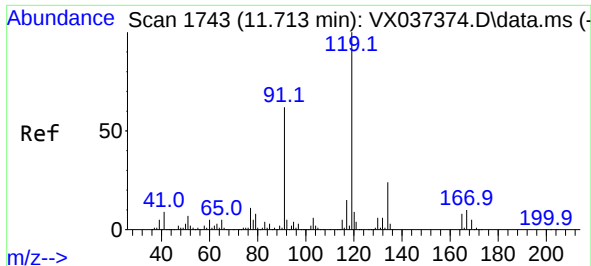


#82
4-Chlorotoluene
Concen: 19.420 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



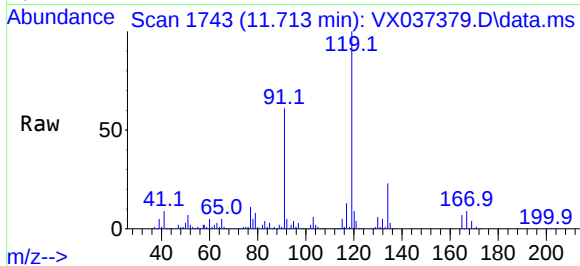
Tgt Ion: 91 Resp: 155920
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.289 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

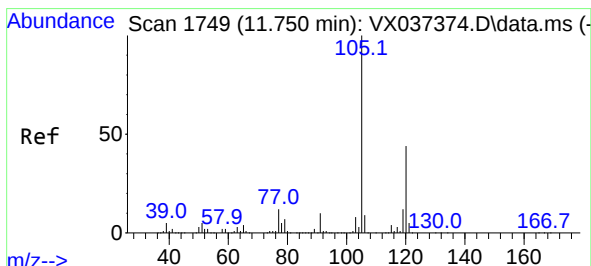
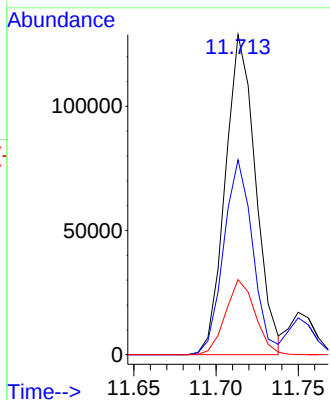
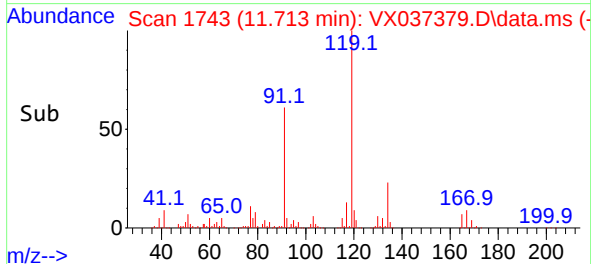
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



Tgt Ion:119 Resp: 165549
Ion Ratio Lower Upper
119 100
91 58.6 31.2 93.6
134 22.8 11.7 35.0

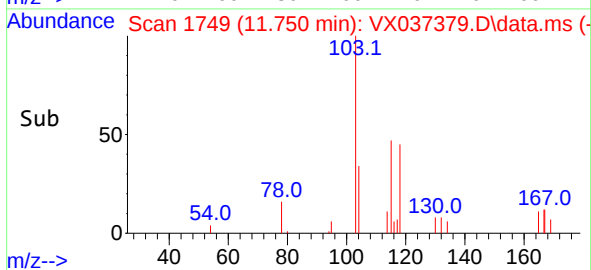
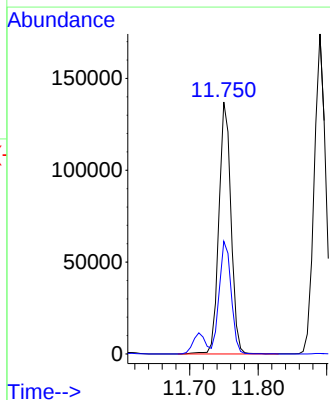
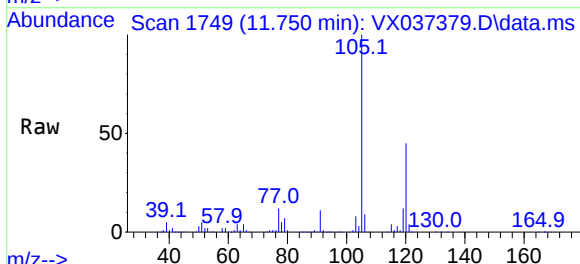
Manual Integrations
APPROVED

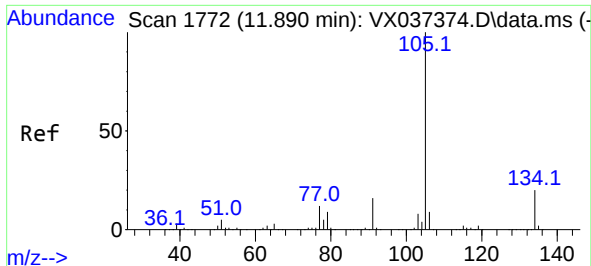
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.306 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

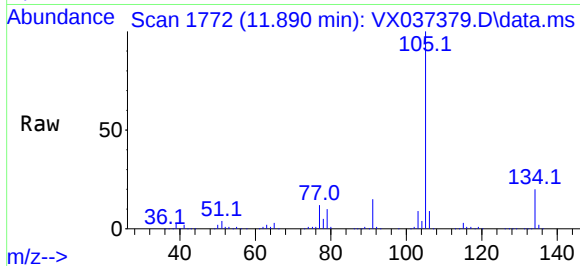
Tgt Ion:105 Resp: 167336
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 22.445 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037379.D
 Acq: 30 Aug 2023 11:11

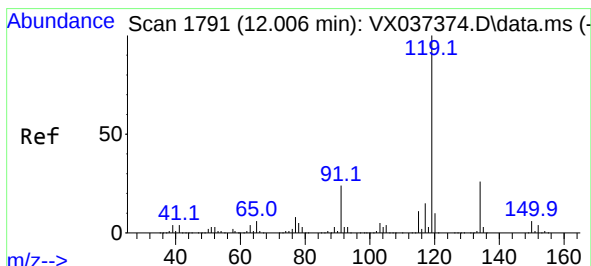
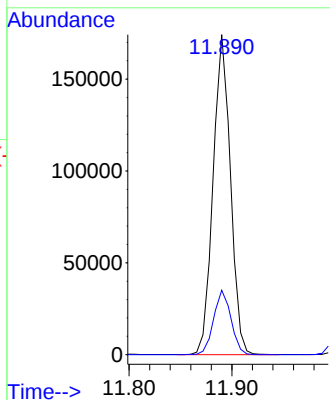
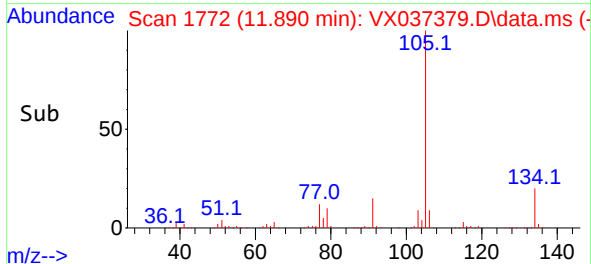
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830WBS01



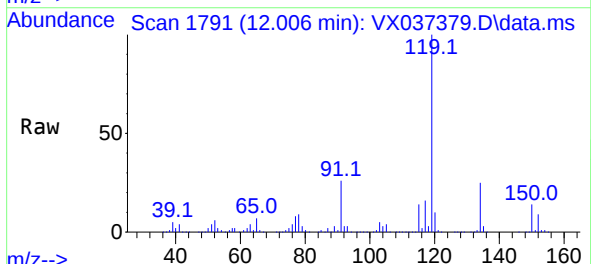
Tgt Ion:105 Resp: 203868
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

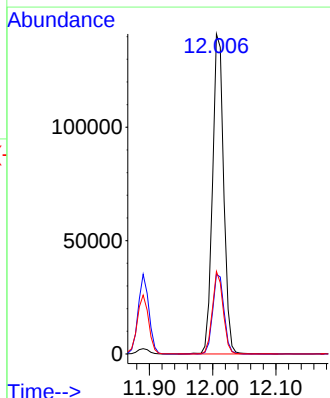
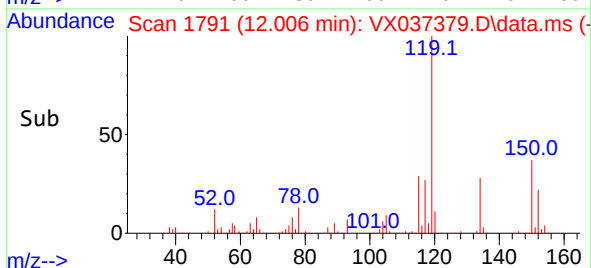
Reviewed By :John Carlone 08/31/2023
 Supervised By :Mahesh Dadoda 09/01/2023

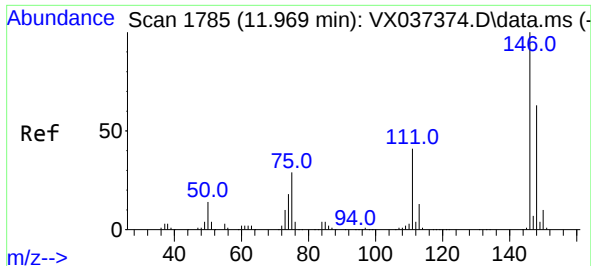


#86
 p-Isopropyltoluene
 Concen: 22.121 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037379.D
 Acq: 30 Aug 2023 11:11



Tgt Ion:119 Resp: 172962
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 24.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.628 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion:146 Resp: 87720

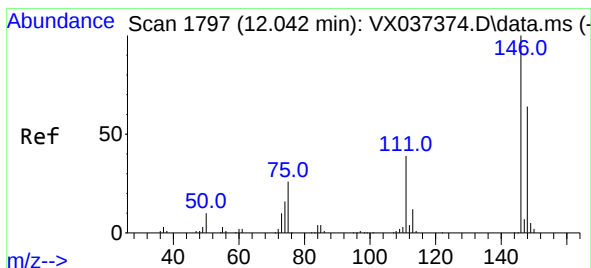
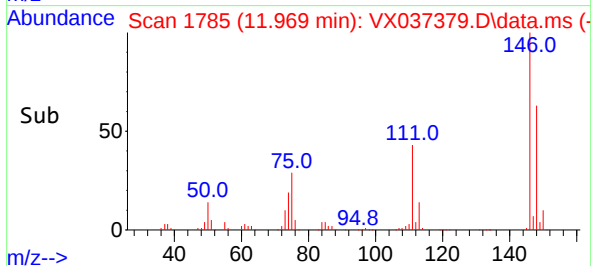
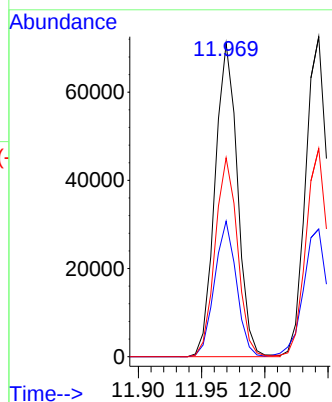
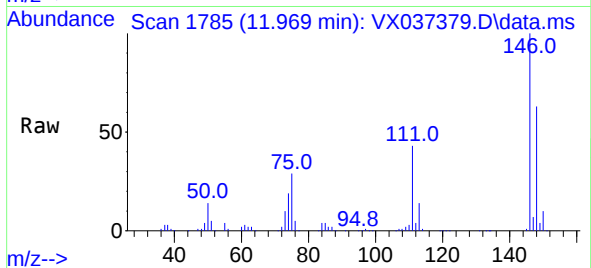
Ion	Ratio	Lower	Upper
146	100		
111	42.1	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

Concen: 19.149 ug/l

RT: 12.043 min Scan# 1797

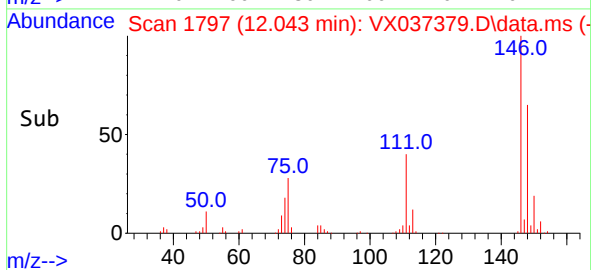
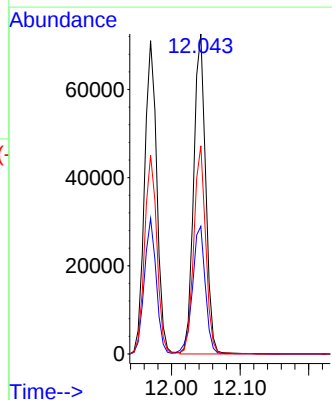
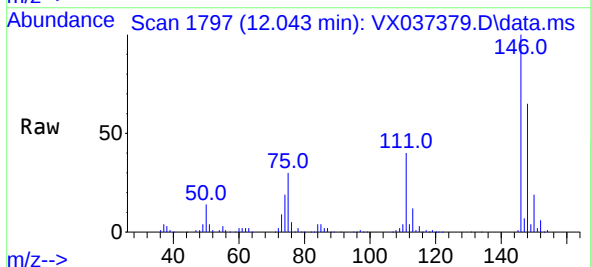
Delta R.T. 0.000 min

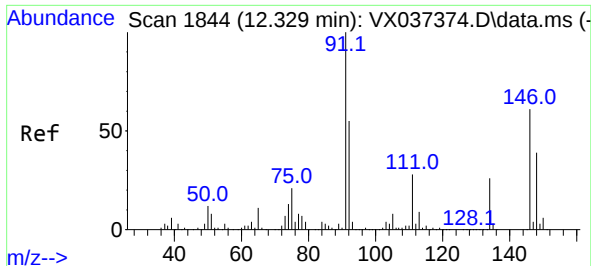
Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Tgt Ion:146 Resp: 88423

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	64.1	31.8	95.4





#89

n-Butylbenzene

Concen: 22.216 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037379.D

Acq: 30 Aug 2023 11:11

Instrument :

MSVOA_X

ClientSampleId :

VX0830WBS01

Tgt Ion: 91 Resp: 144014

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.0

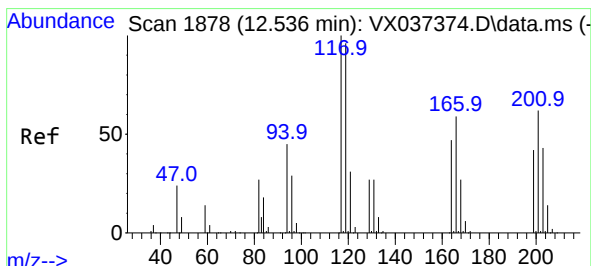
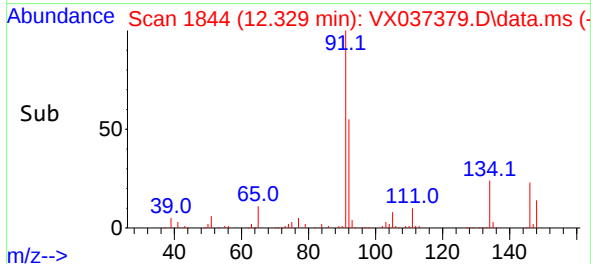
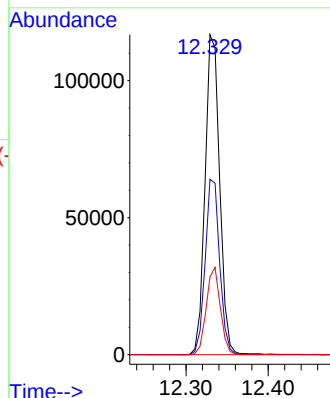
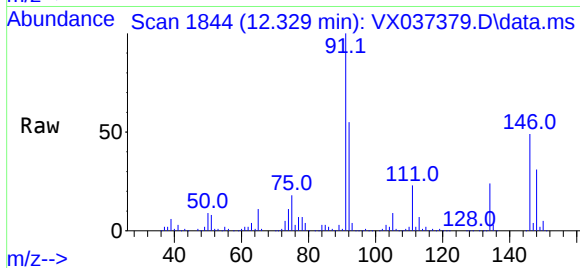
134 26.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/31/2023

Supervised By :Mahesh Dadoda 09/01/2023



#90

Hexachloroethane

Concen: 21.760 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037379.D

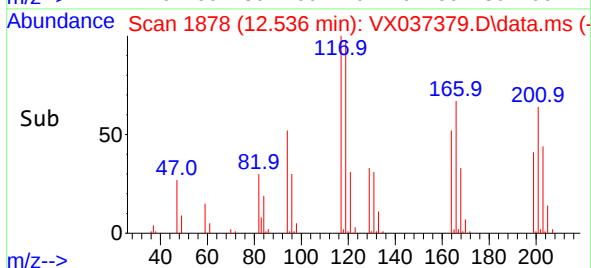
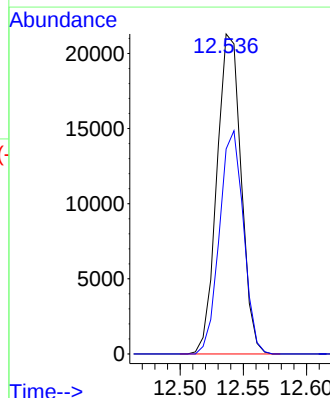
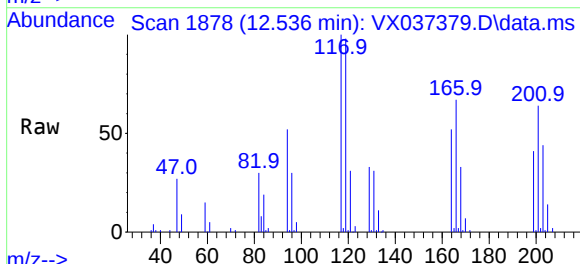
Acq: 30 Aug 2023 11:11

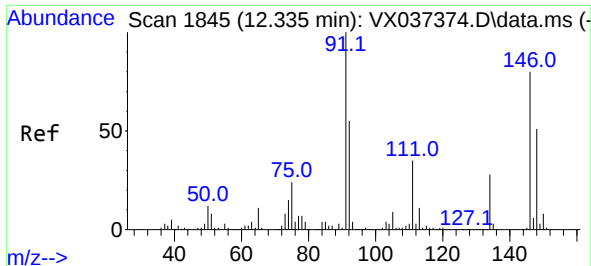
Tgt Ion:117 Resp: 28398

Ion Ratio Lower Upper

117 100

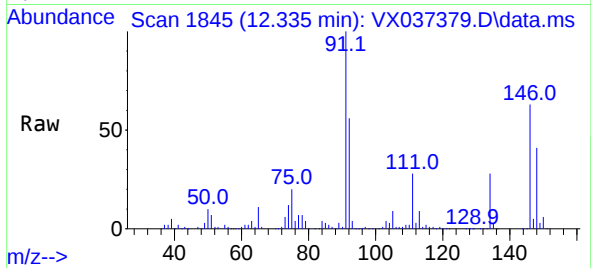
201 69.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.975 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

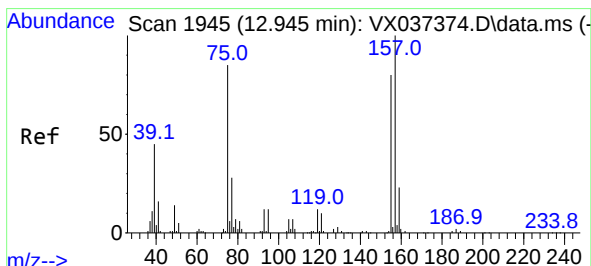
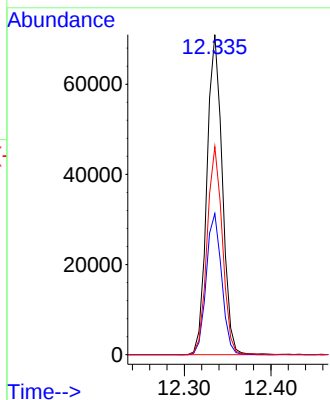
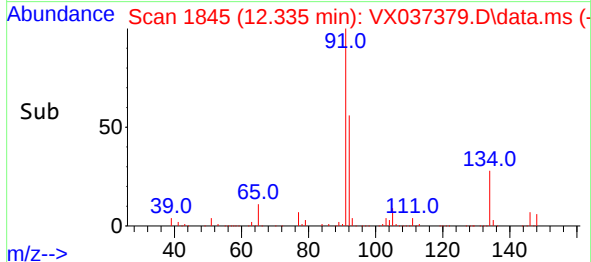
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



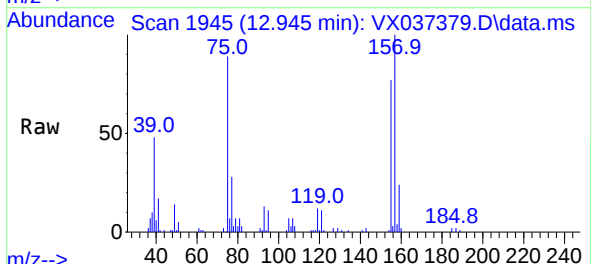
Tgt Ion:146 Resp: 8742
Ion Ratio Lower Upper
146 100
111 44.1 22.4 67.0
148 64.5 31.6 95.0

Manual Integrations
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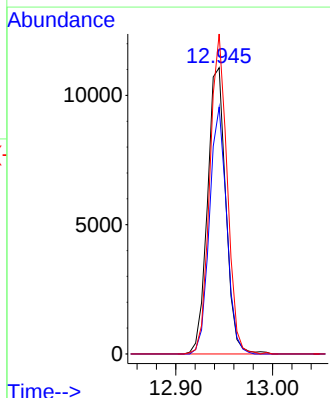
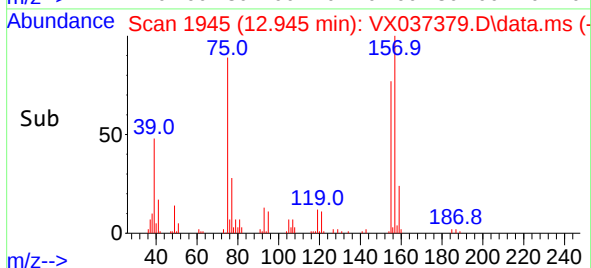
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

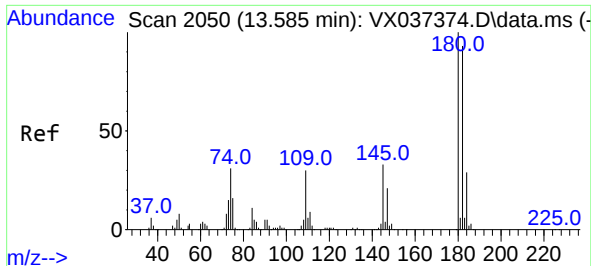


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.046 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



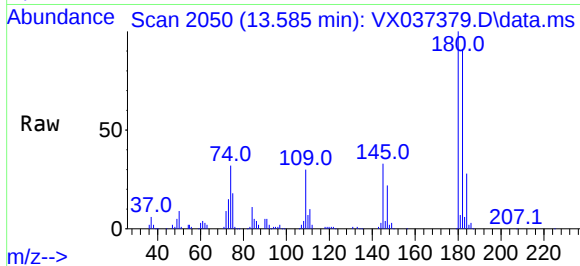
Tgt Ion: 75 Resp: 14568
Ion Ratio Lower Upper
75 100
155 80.7 36.1 108.5
157 105.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.517 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

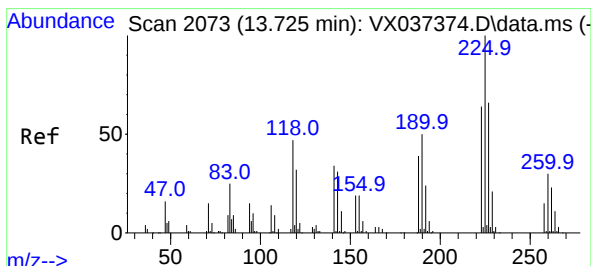
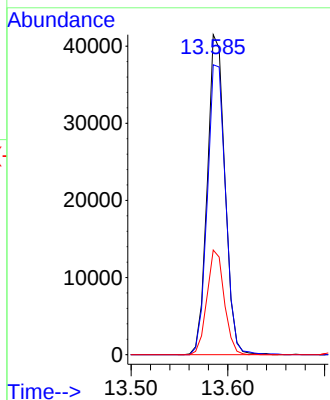
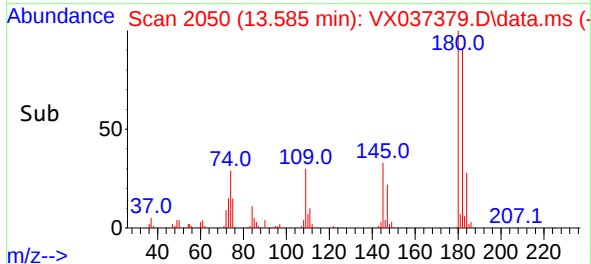
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



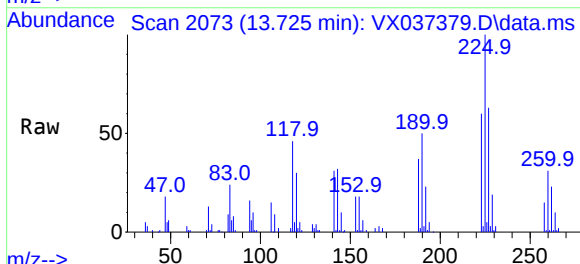
Tgt Ion:180 Resp: 52540
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.8
145 32.2 18.0 54.0

Manual Integrations
APPROVED

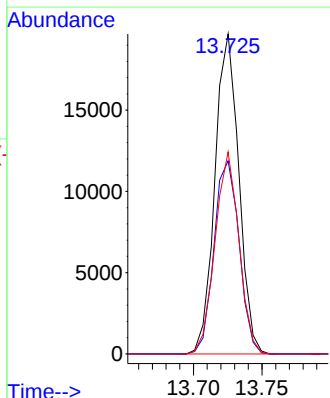
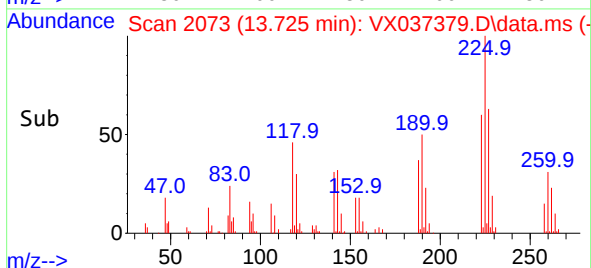
Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023

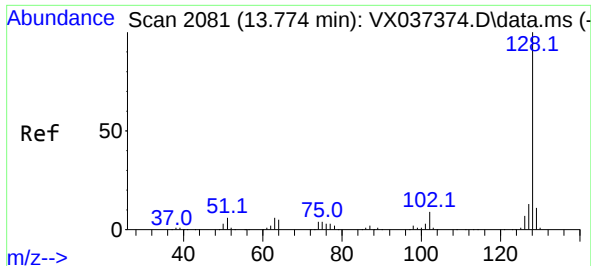


#94
Hexachlorobutadiene
Concen: 24.118 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



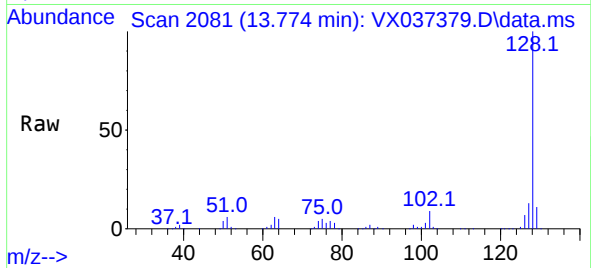
Tgt Ion:225 Resp: 23860
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 63.2 32.5 97.5





#95
Naphthalene
Concen: 16.294 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11

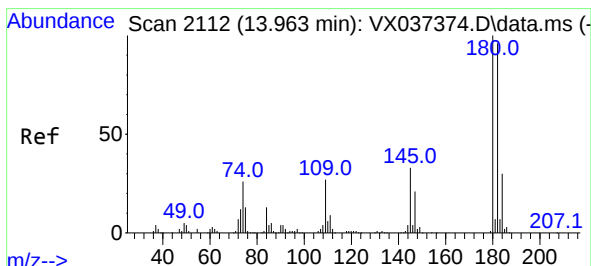
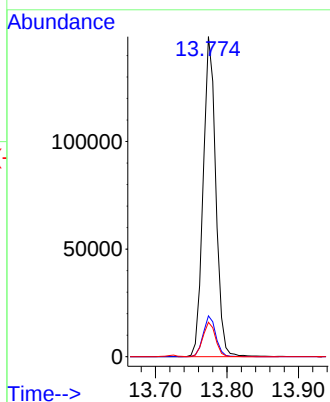
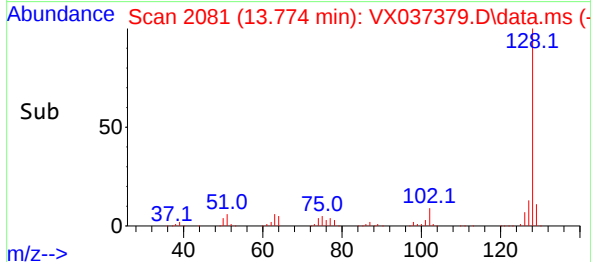
Instrument :
MSVOA_X
ClientSampleId :
VX0830WBS01



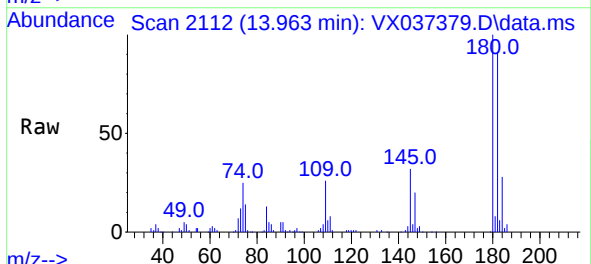
Tgt Ion:128 Resp: 182778
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2023
Supervised By :Mahesh Dadoda 09/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.729 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037379.D
Acq: 30 Aug 2023 11:11



Tgt Ion:180 Resp: 52738
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 34.9 17.8 53.5

