

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038978.D
 Acq On : 21 Nov 2023 12:43
 Operator : JC/MD
 Sample : VX1121WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 03:17:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94072	52.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	104.140%		
35) Dibromofluoromethane	5.385	113	73078	48.315	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.647	98	271560	46.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.860%		
62) 4-Bromofluorobenzene	11.079	95	107058	46.214	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26068	19.926	ug/l	99
3) Chloromethane	1.294	50	29036	17.004	ug/l	99
4) Vinyl Chloride	1.374	62	29827	18.134	ug/l	99
5) Bromomethane	1.605	94	20906	30.741	ug/l	96
6) Chloroethane	1.691	64	18046	19.225	ug/l	99
7) Trichlorofluoromethane	1.886	101	42218	20.227	ug/l	96
8) Diethyl Ether	2.130	74	17487	19.236	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	25913	18.721	ug/l	95
10) Methyl Iodide	2.453	142	28982	17.203	ug/l	93
11) Tert butyl alcohol	2.947	59	55938	111.320	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	24534	17.556	ug/l	98
13) Acrolein	2.233	56	30346	114.146	ug/l	98
14) Allyl chloride	2.666	41	52362	18.714	ug/l	96
15) Acrylonitrile	3.062	53	104976	98.869	ug/l	100
16) Acetone	2.373	43	111706	116.146	ug/l	94
17) Carbon Disulfide	2.514	76	65380	15.103	ug/l	98
18) Methyl Acetate	2.697	43	99128	21.699	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	100064	20.358	ug/l	99
20) Methylene Chloride	2.788	84	31317	18.063	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	27536	17.858	ug/l	96
22) Diisopropyl ether	3.757	45	100401	19.560	ug/l	93
23) Vinyl Acetate	3.721	43	360738	97.583	ug/l	99
24) 1,1-Dichloroethane	3.605	63	55257	19.251	ug/l	98
25) 2-Butanone	4.550	43	159906	102.527	ug/l	96
26) 2,2-Dichloropropane	4.477	77	48050	19.299	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	33023	18.373	ug/l	99
28) Bromochloromethane	4.891	49	27443	19.913	ug/l	99
29) Tetrahydrofuran	4.995	42	98678	99.646	ug/l	98
30) Chloroform	5.093	83	55992	19.977	ug/l	99
31) Cyclohexane	5.464	56	46456	18.010	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	47727	19.659	ug/l	100
36) 1,1-Dichloropropene	5.696	75	40284	18.583	ug/l	99
37) Ethyl Acetate	4.708	43	55143	19.524	ug/l	98
38) Carbon Tetrachloride	5.672	117	39298	19.614	ug/l	95
39) Methylcyclohexane	7.379	83	48003	16.976	ug/l	96
40) Benzene	6.037	78	119644	18.660	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	29848	20.376	ug/l	94
42) 1,2-Dichloroethane	6.086	62	45150	21.254	ug/l	98
43) Isopropyl Acetate	6.336	43	88012	19.499	ug/l	98
44) Trichloroethene	7.123	130	30113	19.295	ug/l	96
45) 1,2-Dichloropropane	7.434	63	33108	19.188	ug/l	99
46) Dibromomethane	7.580	93	23328	20.274	ug/l	96
47) Bromodichloromethane	7.818	83	44609	19.533	ug/l	99
48) Methyl methacrylate	7.690	41	41011	18.727	ug/l	93
49) 1,4-Dioxane	7.659	88	17910	422.722	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	296444	102.772	ug/l	99
52) Toluene	8.720	92	75365	18.942	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	51341	18.917	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	52846	18.851	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	32777	19.743	ug/l	94
56) Ethyl methacrylate	9.116	69	52968	18.857	ug/l	98
57) 1,3-Dichloropropane	9.305	76	53930	19.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	130260	99.547	ug/l	94
59) 2-Hexanone	9.427	43	236415	102.256	ug/l	98
60) Dibromochloromethane	9.519	129	32873	19.474	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34003	19.519	ug/l	98
64) Tetrachloroethene	9.275	164	23023	18.807	ug/l	92
65) Chlorobenzene	10.079	112	79780	18.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29758	19.500	ug/l	98
67) Ethyl Benzene	10.195	91	147802	18.963	ug/l	99
68) m/p-Xylenes	10.299	106	109662	37.193	ug/l	96
69) o-Xylene	10.640	106	54118	18.550	ug/l	97
70) Styrene	10.653	104	90410	18.349	ug/l	98
71) Bromoform	10.799	173	23655	18.594	ug/l #	100
73) Isopropylbenzene	10.963	105	142980	18.566	ug/l	98
74) N-amyl acetate	10.841	43	71849	17.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	54766	18.217	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	47203m	19.140	ug/l	
77) Bromobenzene	11.195	156	32610	18.845	ug/l	97
78) n-propylbenzene	11.305	91	175198	18.482	ug/l	98
79) 2-Chlorotoluene	11.366	91	102240	18.174	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	123609	19.089	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	17780	15.992	ug/l	89
82) 4-Chlorotoluene	11.451	91	121199	18.684	ug/l	99
83) tert-Butylbenzene	11.713	119	119818	18.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	122139	18.635	ug/l	99
85) sec-Butylbenzene	11.890	105	155148	18.599	ug/l	99
86) p-Isopropyltoluene	12.006	119	124397	18.577	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	63847	18.841	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	65151	18.785	ug/l	98
89) n-Butylbenzene	12.329	91	121621	18.001	ug/l	97
90) Hexachloroethane	12.536	117	23189	17.341	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	62110	19.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13918	18.896	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	40377	18.747	ug/l	98
94) Hexachlorobutadiene	13.725	225	13598	17.828	ug/l	98
95) Naphthalene	13.774	128	149048	18.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	39939	19.562	ug/l	99

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

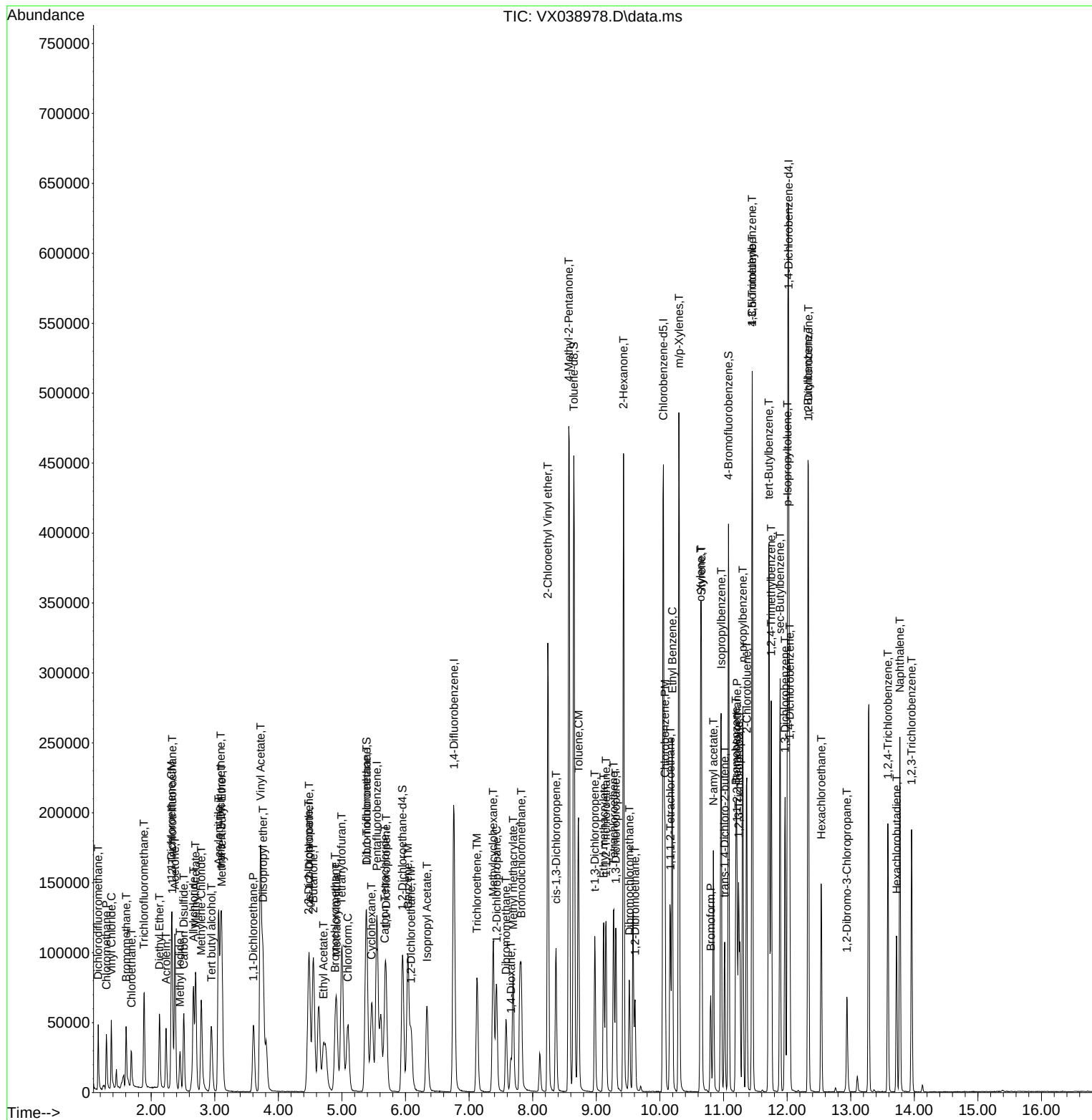
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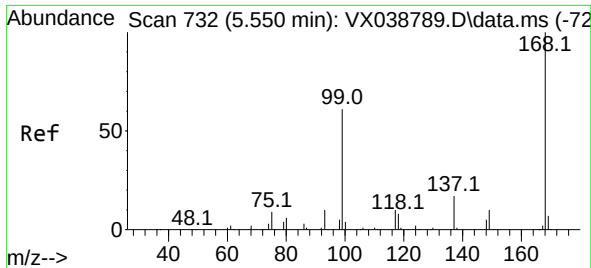
Instrument :
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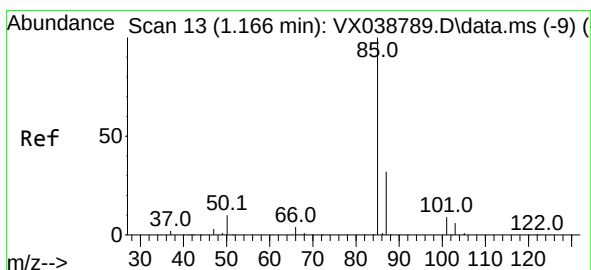
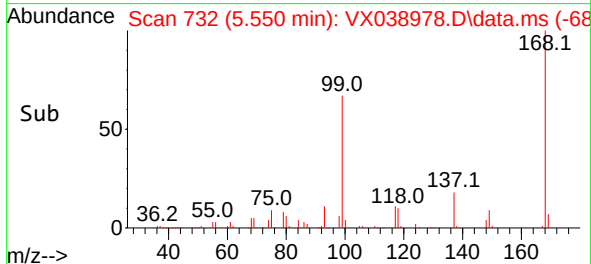
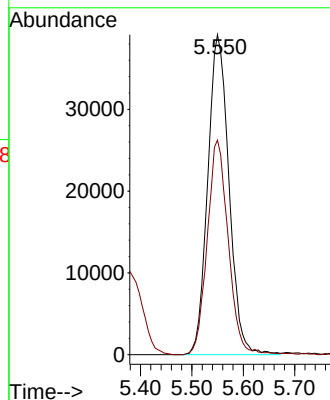
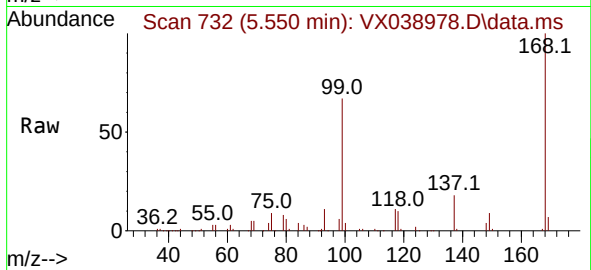
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038978.D
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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 11212
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0

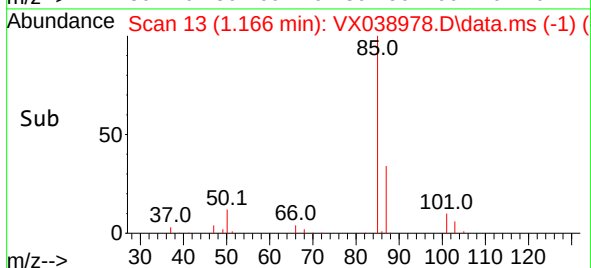
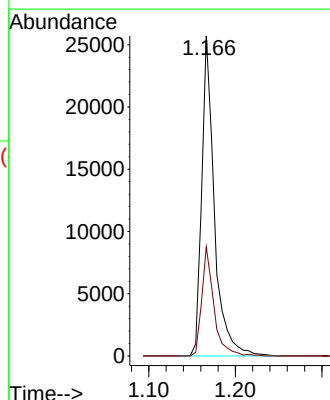
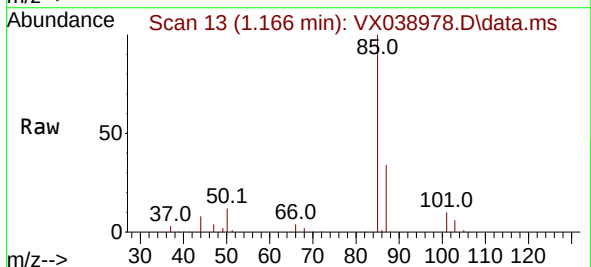
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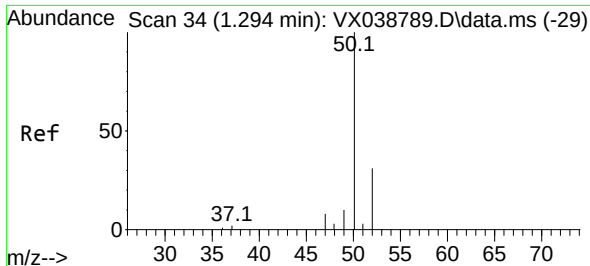
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#2
Dichlorodifluoromethane
Concen: 19.926 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 85 Resp: 26068
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.1





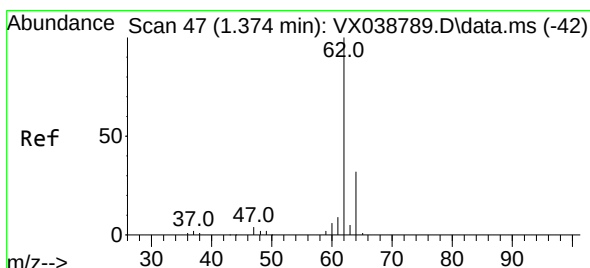
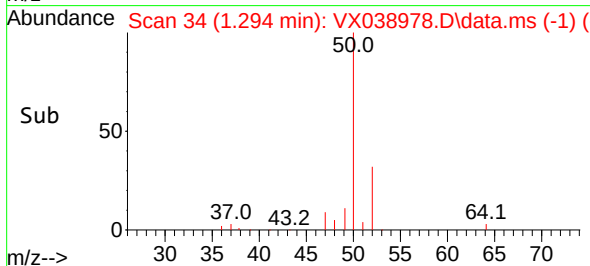
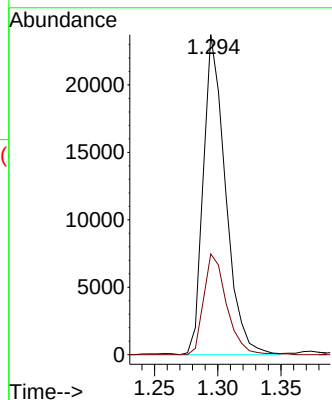
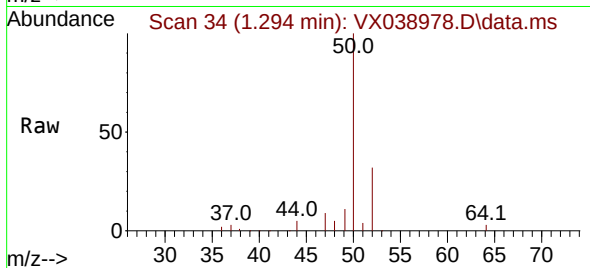
#3
Chloromethane
Concen: 17.004 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 50 Resp: 29036
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3

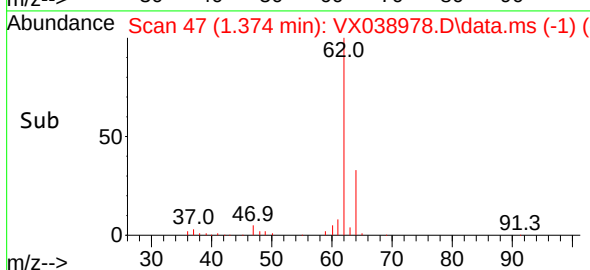
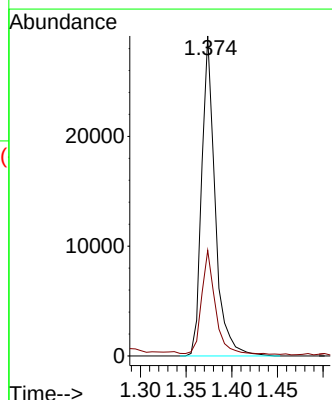
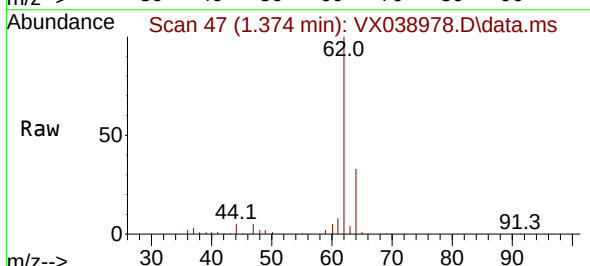
Manual Integrations
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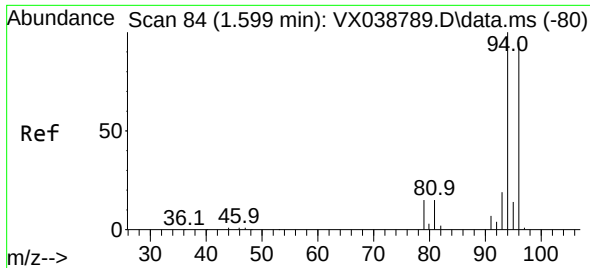
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#4
Vinyl Chloride
Concen: 18.134 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

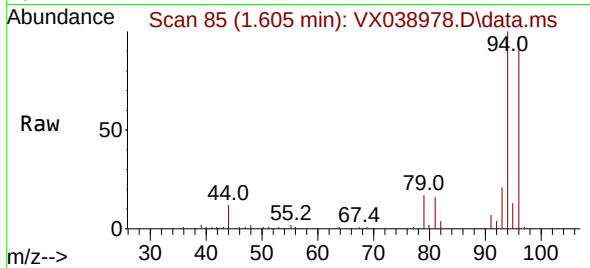
Tgt Ion: 62 Resp: 29827
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 30.741 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

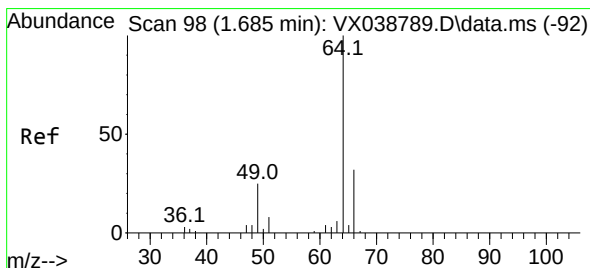
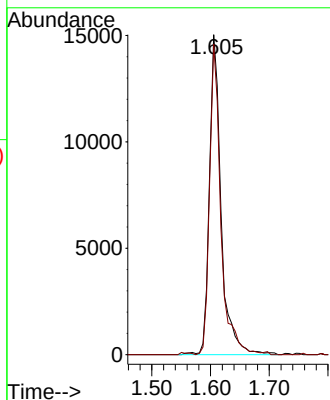
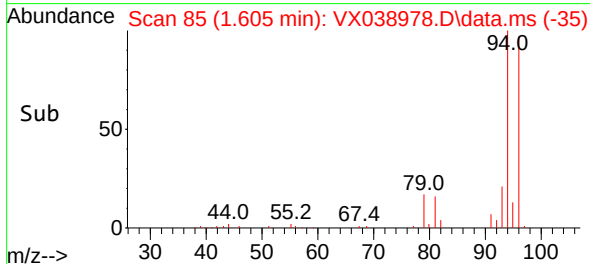
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Tgt Ion: 94 Resp: 20900
Ion Ratio Lower Upper
94 100
96 97.1 74.6 111.8

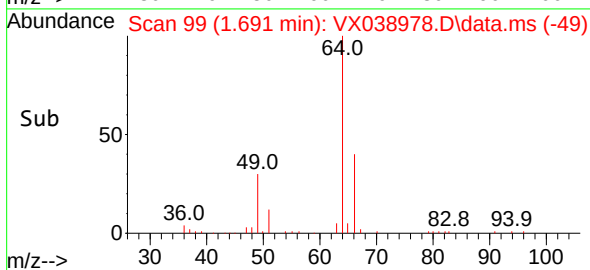
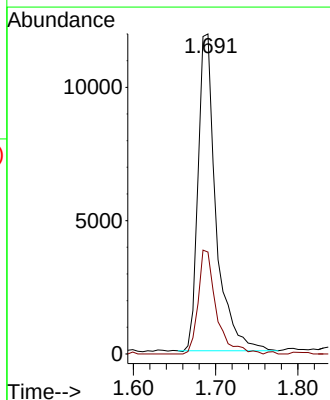
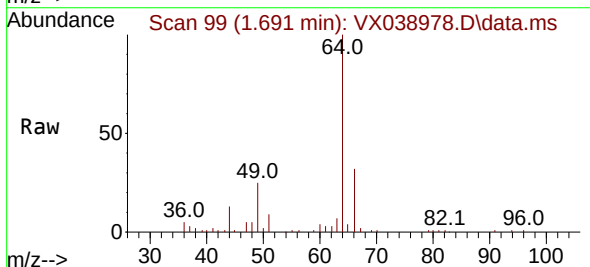
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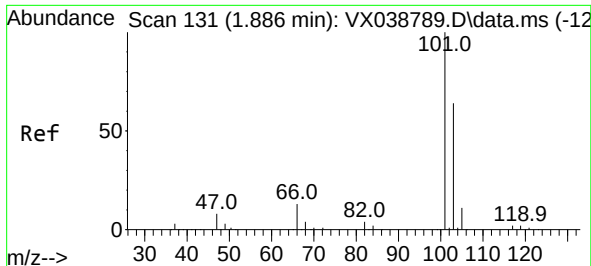
Reviewed By :John Carlone 11/22/2023
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#6
Chloroethane
Concen: 19.225 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

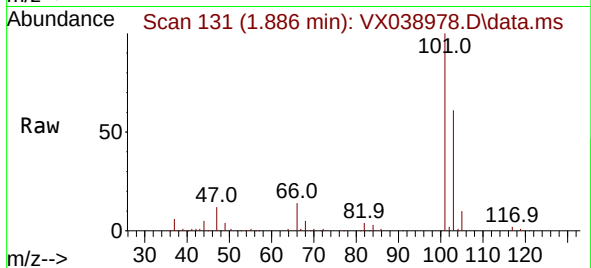
Tgt Ion: 64 Resp: 18046
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.227 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

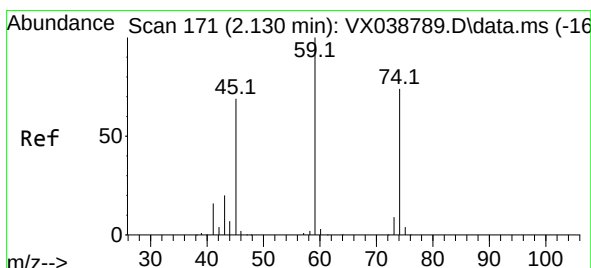
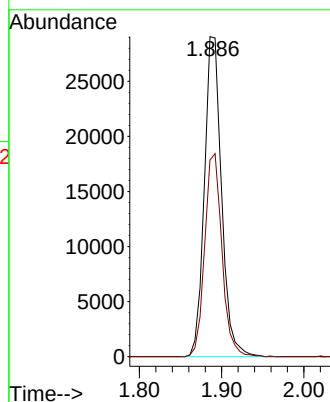
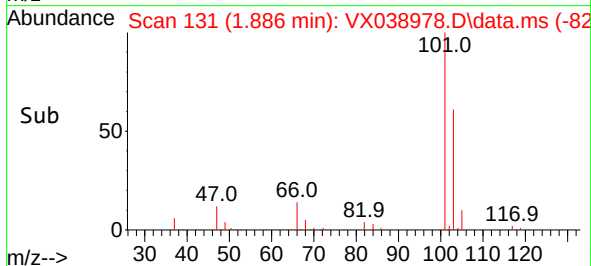
Instrument :
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Tgt Ion:101 Resp: 42218
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.2

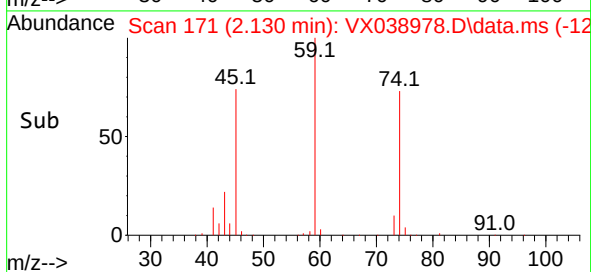
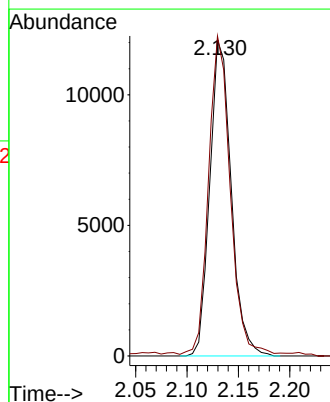
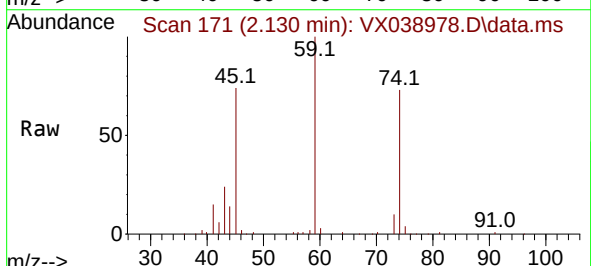
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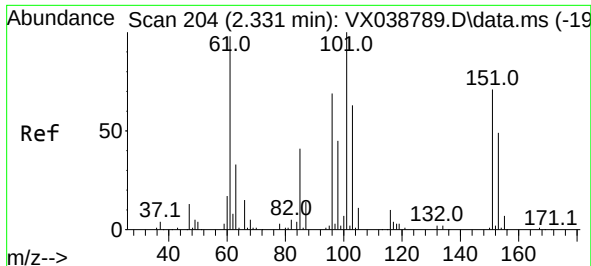
Reviewed By :John Carlone 11/22/2023
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#8
Diethyl Ether
Concen: 19.236 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 74 Resp: 17487
Ion Ratio Lower Upper
74 100
45 101.7 53.3 159.8





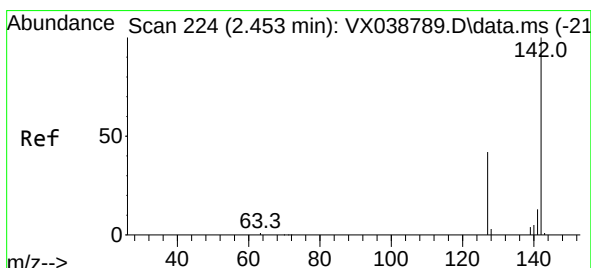
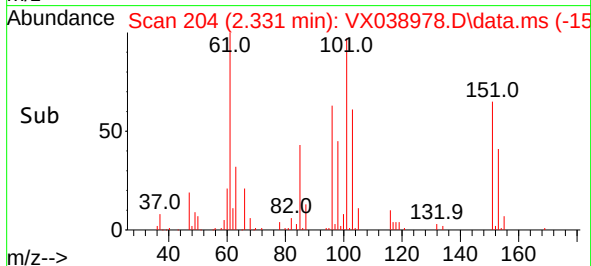
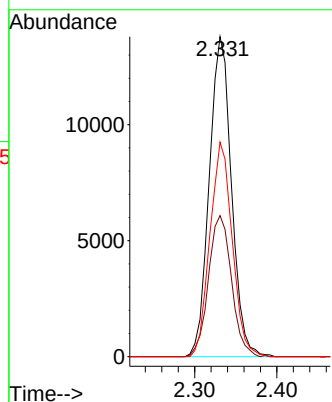
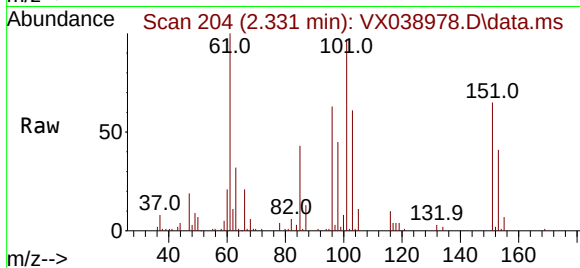
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.721 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion:101 Resp: 2591
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.6
151 67.3 58.6 87.8

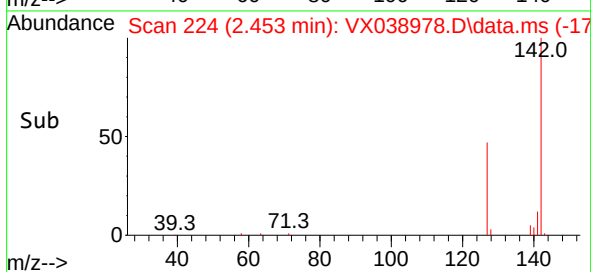
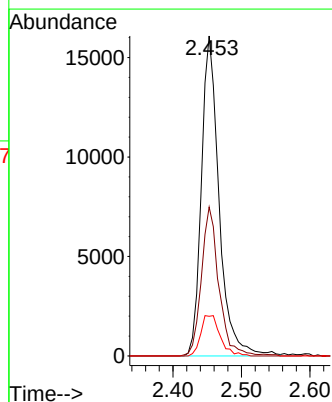
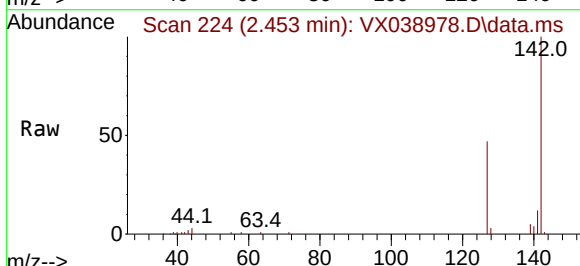
Manual Integrations
APPROVED

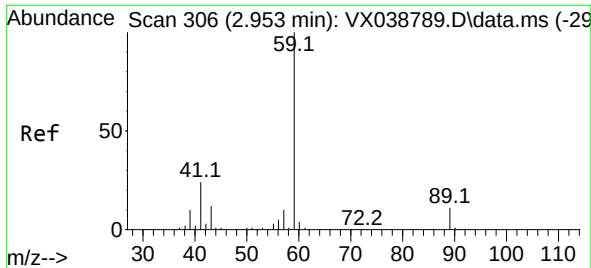
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#10
Methyl Iodide
Concen: 17.203 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion:142 Resp: 28982
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 13.9 11.6 17.4





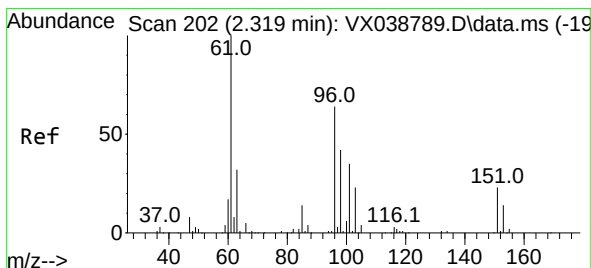
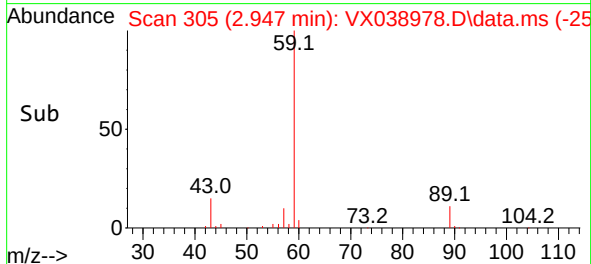
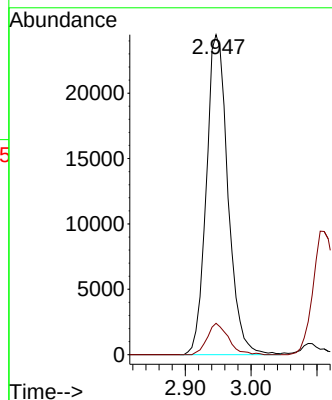
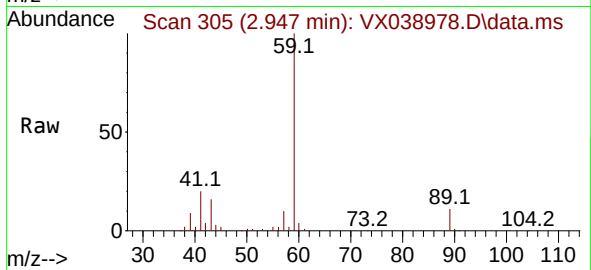
#11
Tert butyl alcohol
Concen: 111.320 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 59 Resp: 55938
Ion Ratio Lower Upper
59 100
57 9.6 6.0 9.0

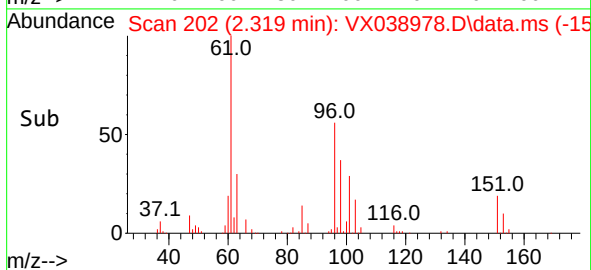
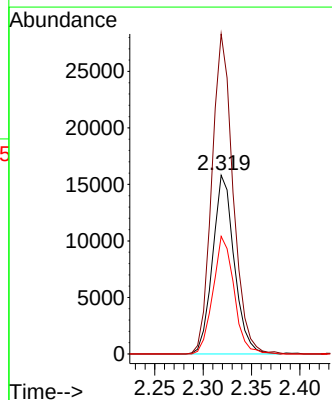
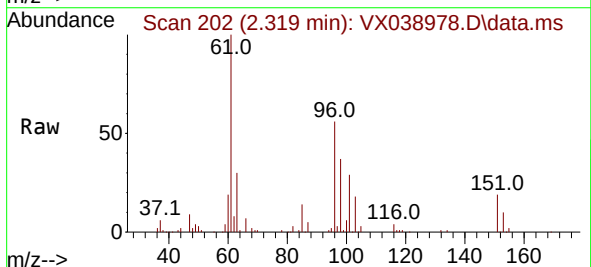
Manual Integrations
APPROVED

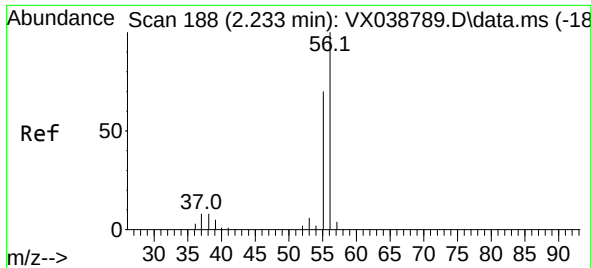
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#12
1,1-Dichloroethene
Concen: 17.556 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

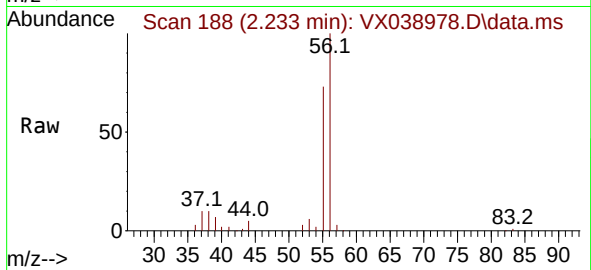
Tgt Ion: 96 Resp: 24534
Ion Ratio Lower Upper
96 100
61 179.0 144.6 216.8
98 65.8 50.4 75.6





#13
Acrolein
Concen: 114.146 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

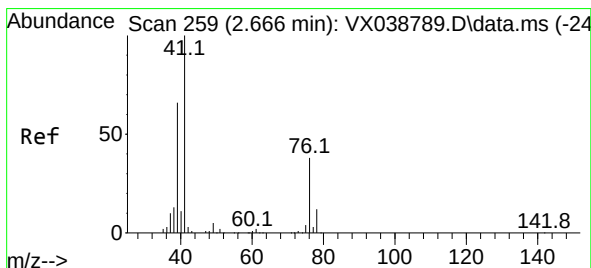
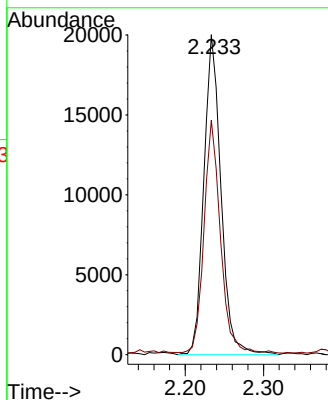
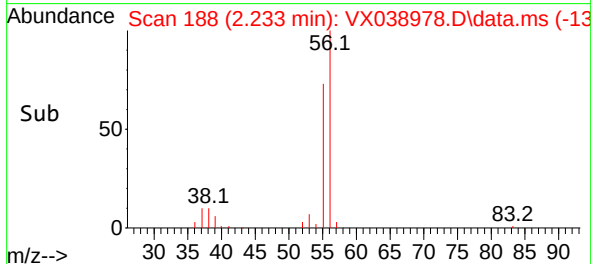
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 56 Resp: 30340
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

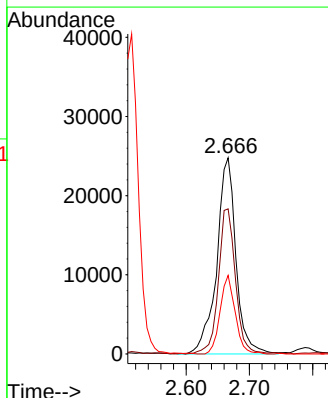
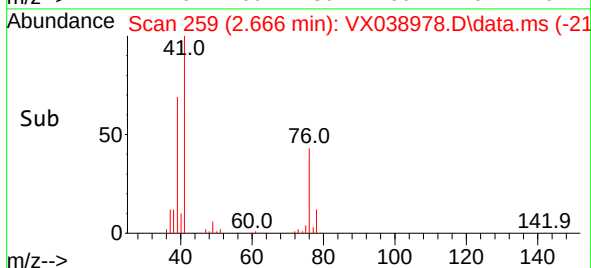
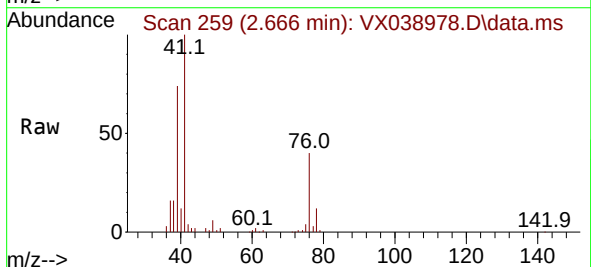
Manual Integrations
APPROVED

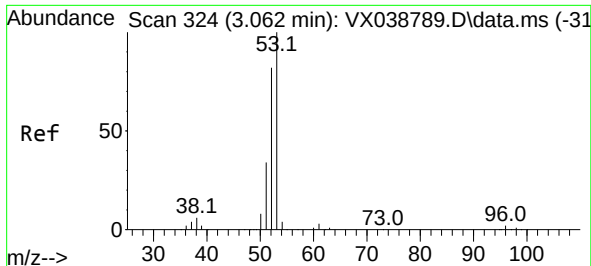
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#14
Allyl chloride
Concen: 18.714 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

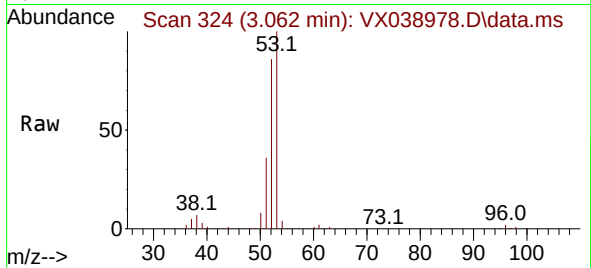
Tgt Ion: 41 Resp: 52362
Ion Ratio Lower Upper
41 100
39 65.3 55.8 83.6
76 31.3 24.3 36.5





#15
Acrylonitrile
Concen: 98.869 ug/l
RT: 3.062 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

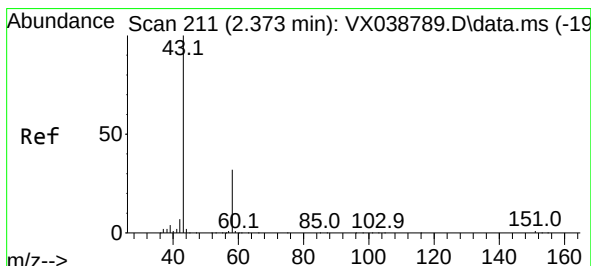
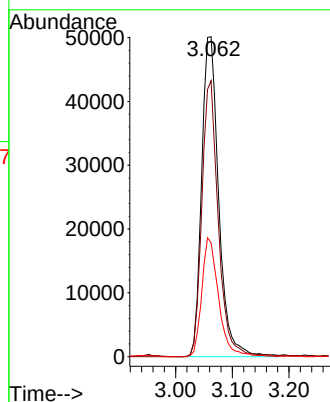
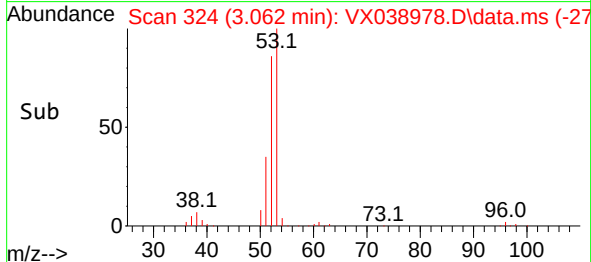
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



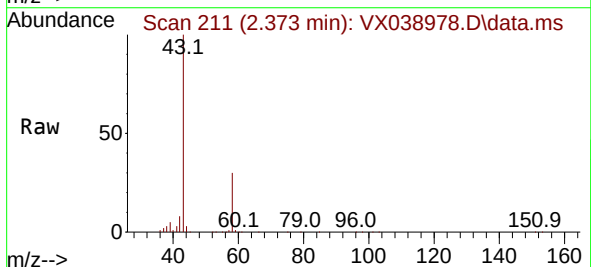
Tgt Ion: 53 Resp: 104970
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 36.7 29.8 44.6

Manual Integrations
APPROVED

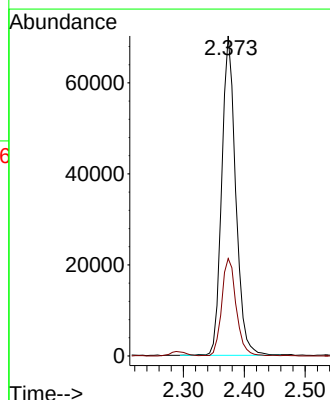
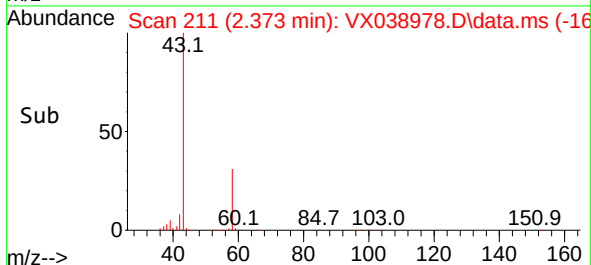
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

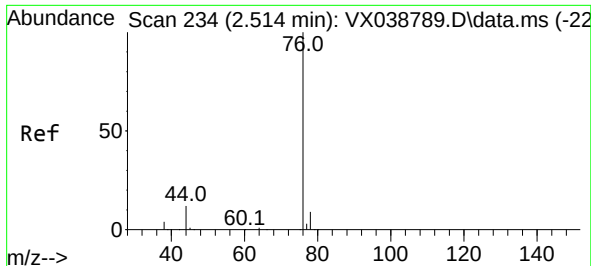


#16
Acetone
Concen: 116.146 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



Tgt Ion: 43 Resp: 111706
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





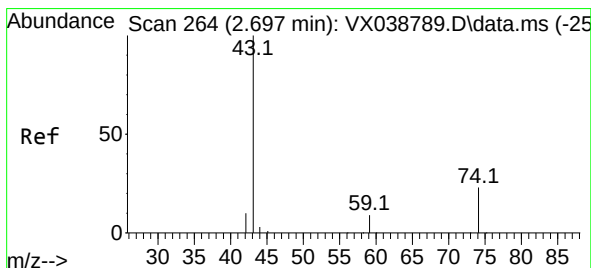
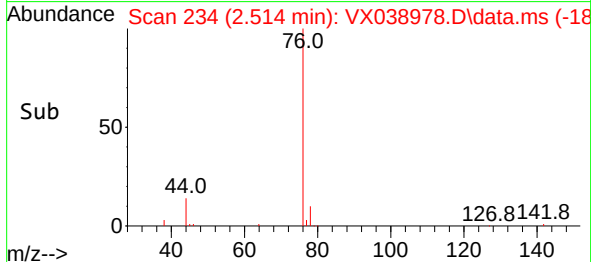
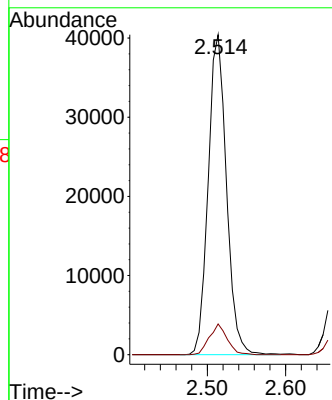
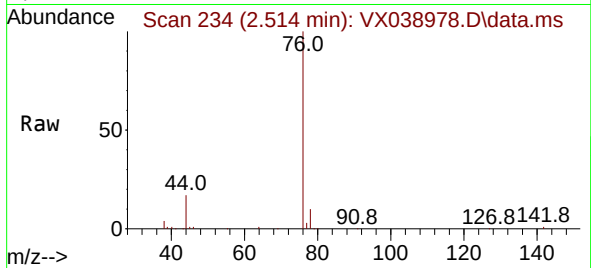
#17
Carbon Disulfide
Concen: 15.103 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 76 Resp: 65380
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

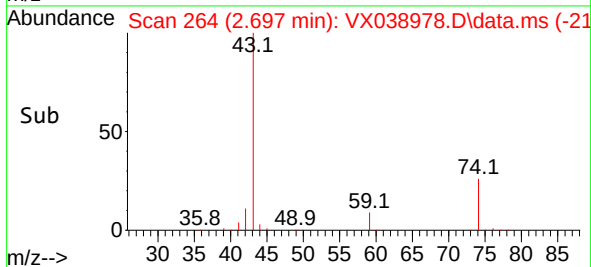
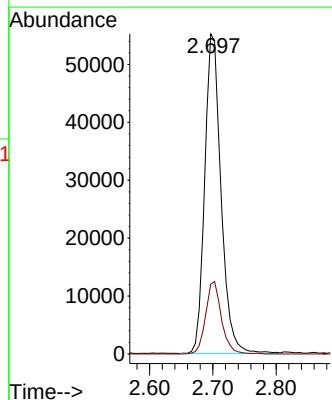
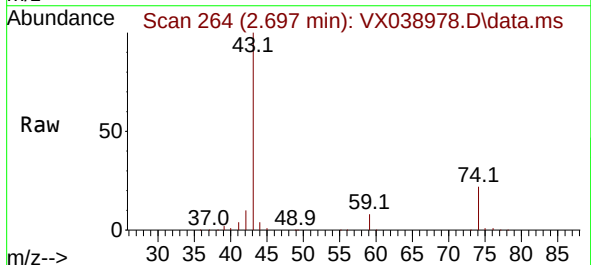
Manual Integrations
APPROVED

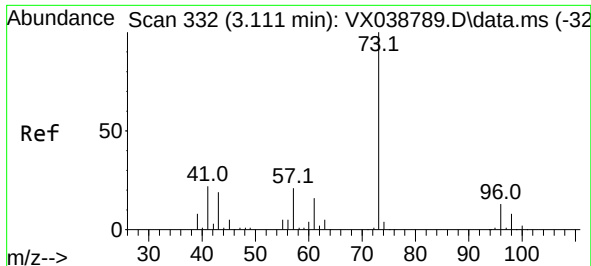
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#18
Methyl Acetate
Concen: 21.699 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 43 Resp: 99128
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8





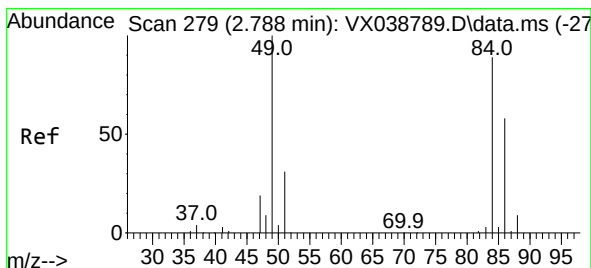
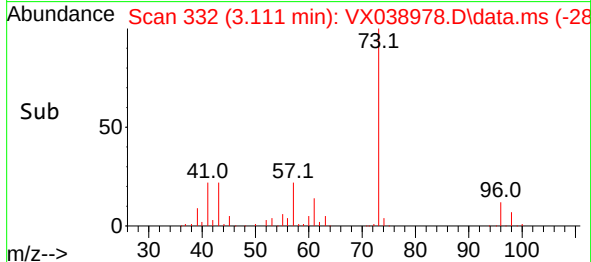
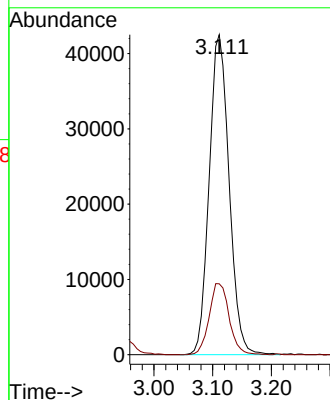
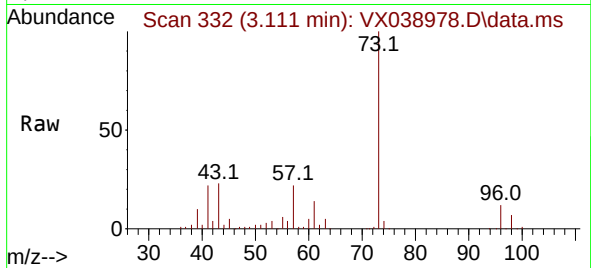
#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 73 Resp: 100064
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

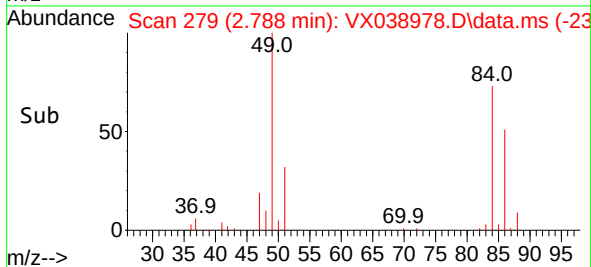
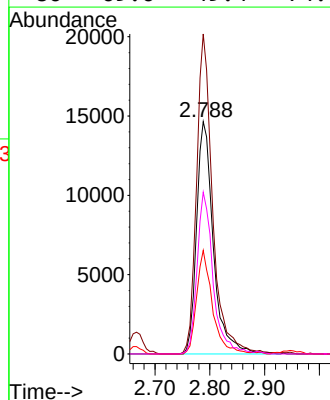
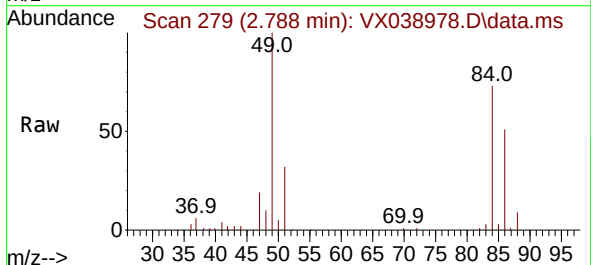
Manual Integrations
APPROVED

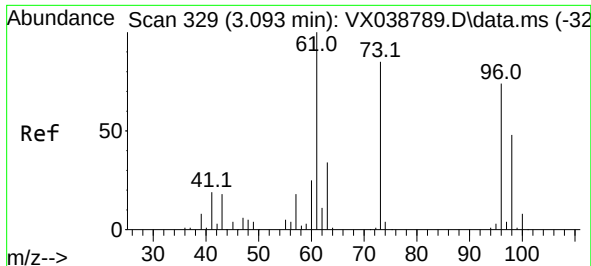
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#20
Methylene Chloride
Concen: 18.063 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

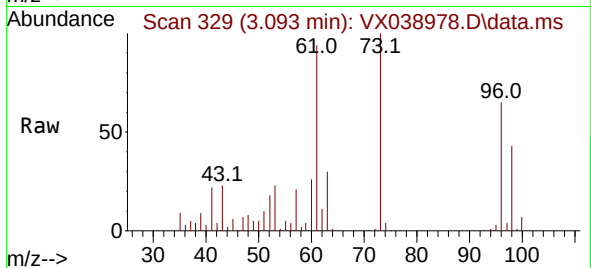
Tgt Ion: 84 Resp: 31317
Ion Ratio Lower Upper
84 100
49 137.8 103.6 155.4
51 44.6 33.8 50.6
86 69.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 17.858 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

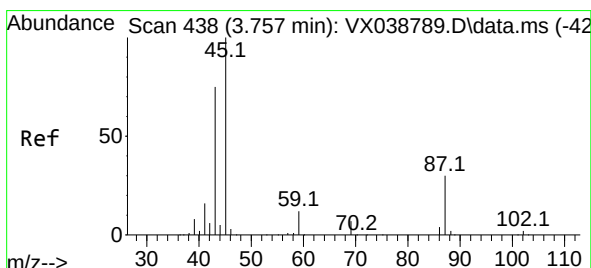
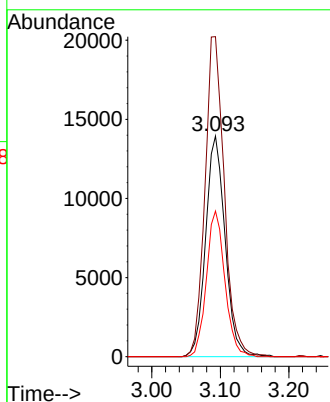
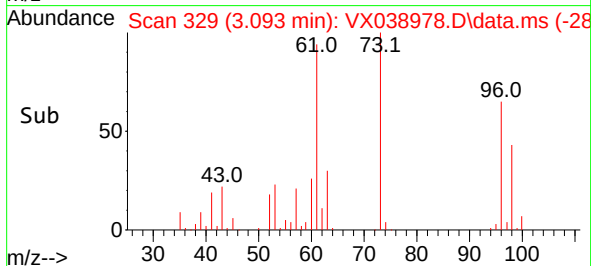
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 96 Resp: 27530
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 66.0 48.7 73.1

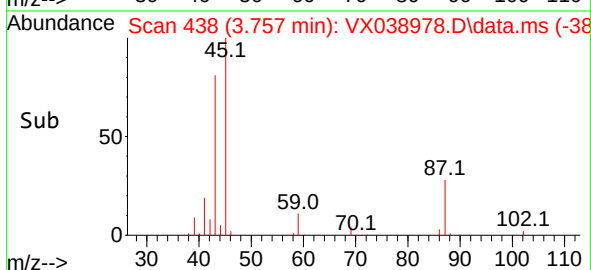
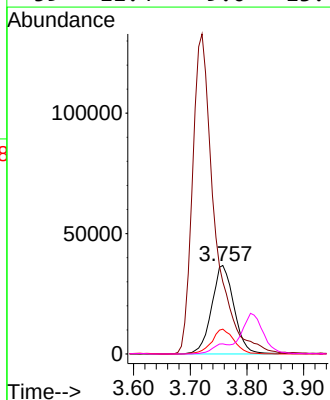
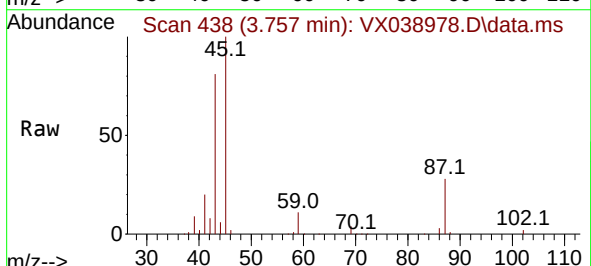
Manual Integrations
APPROVED

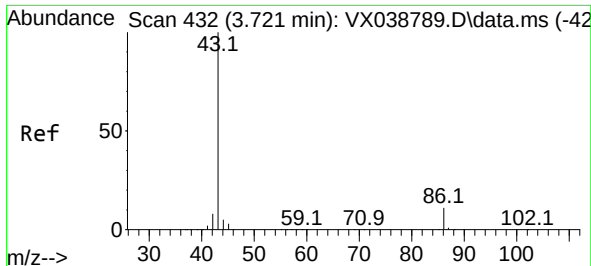
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#22
Diisopropyl ether
Concen: 19.560 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

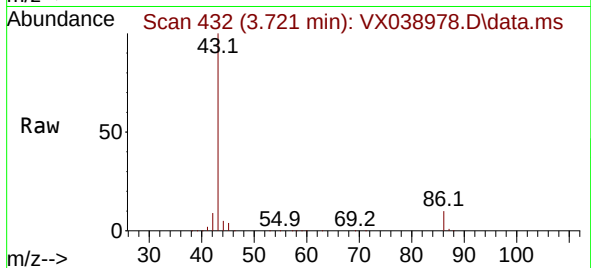
Tgt Ion: 45 Resp: 100401
Ion Ratio Lower Upper
45 100
43 79.5 69.7 104.5
87 28.1 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 97.583 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX038978.D
 Acq: 21 Nov 2023 12:43

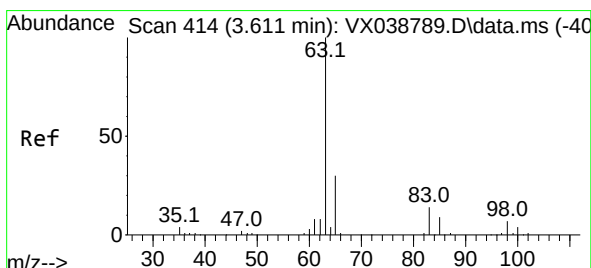
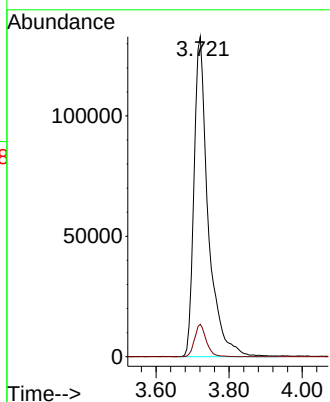
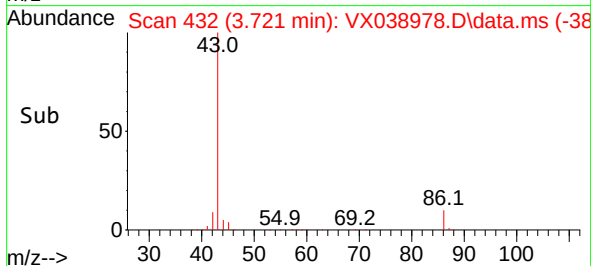
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01



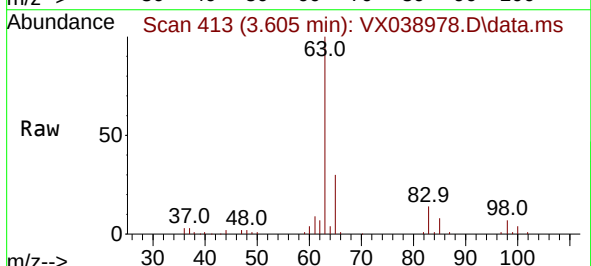
Tgt Ion: 43 Resp: 360738
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

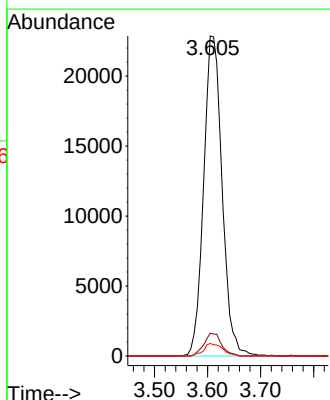
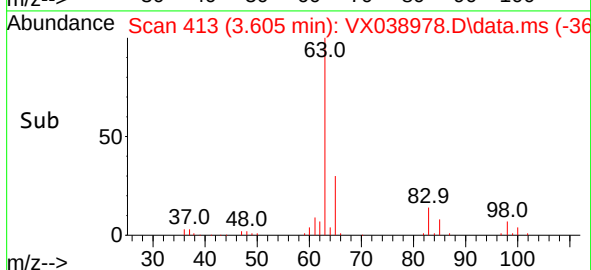
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

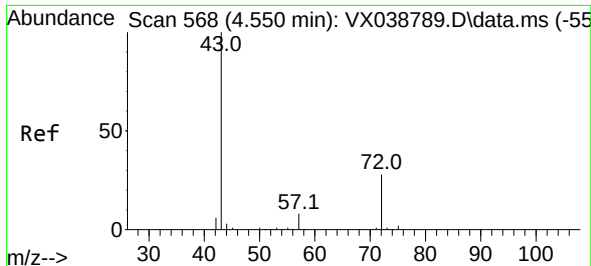


#24
 1,1-Dichloroethane
 Concen: 19.251 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038978.D
 Acq: 21 Nov 2023 12:43



Tgt Ion: 63 Resp: 55257
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.8
 100 3.9 2.1 6.5





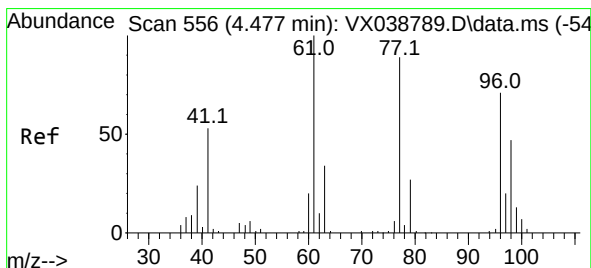
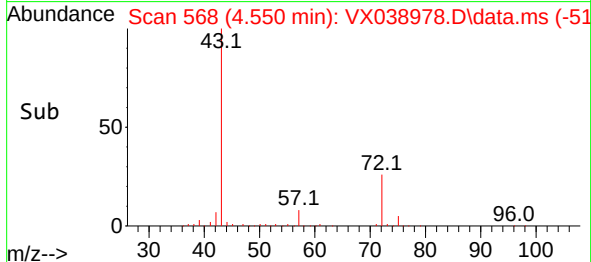
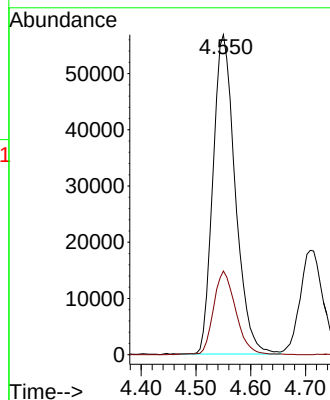
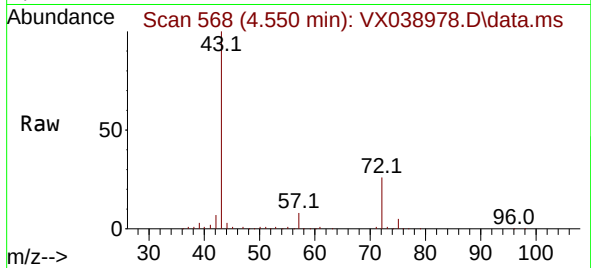
#25
2-Butanone
Concen: 102.527 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 43 Resp: 159900
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2

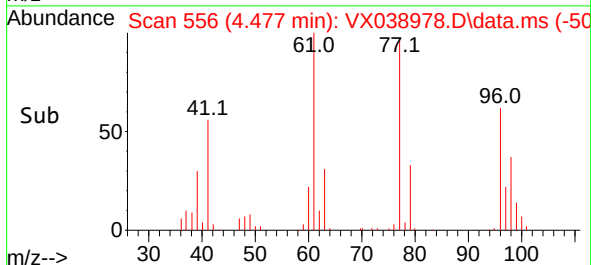
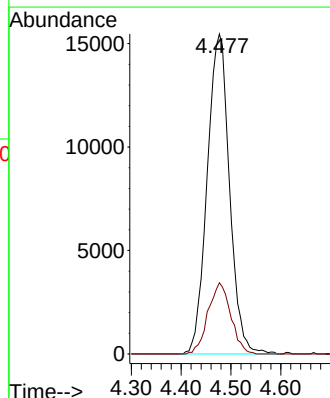
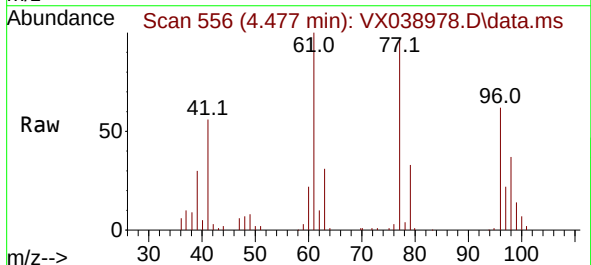
Manual Integrations
APPROVED

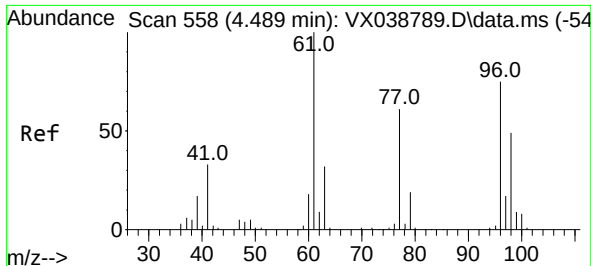
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#26
2,2-Dichloropropane
Concen: 19.299 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 77 Resp: 48050
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.373 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion: 96 Resp: 3302

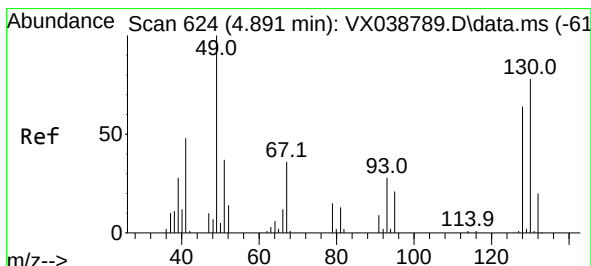
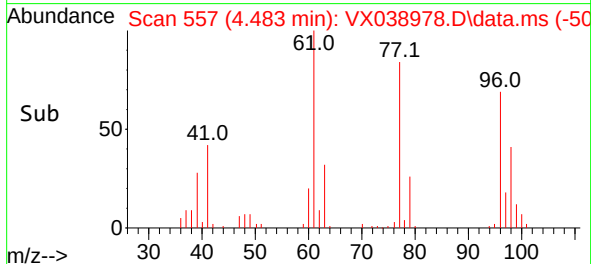
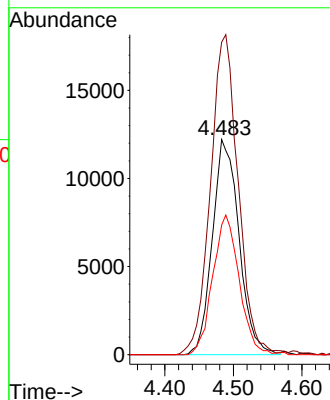
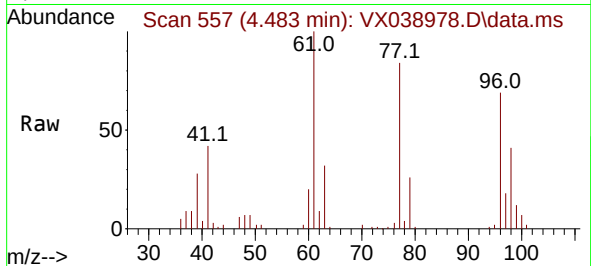
Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	312.2
98	64.3	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#28

Bromochloromethane

Concen: 19.913 ug/l

RT: 4.891 min Scan# 624

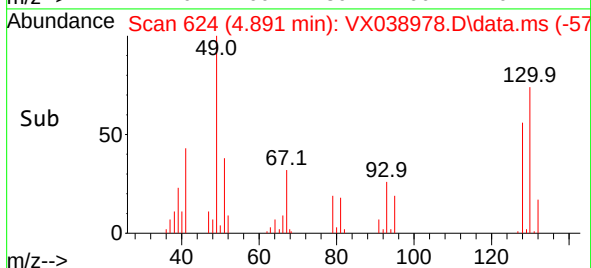
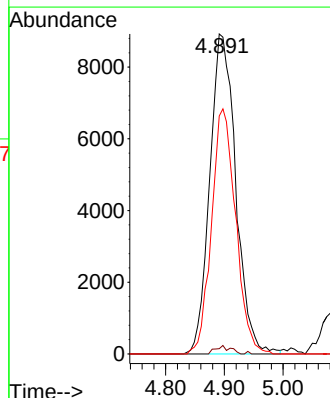
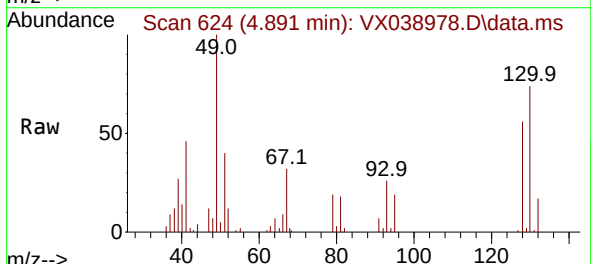
Delta R.T. 0.000 min

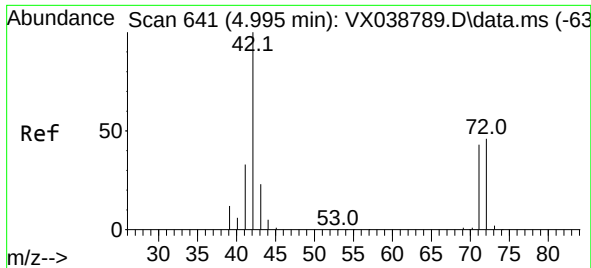
Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Tgt Ion: 49 Resp: 27443

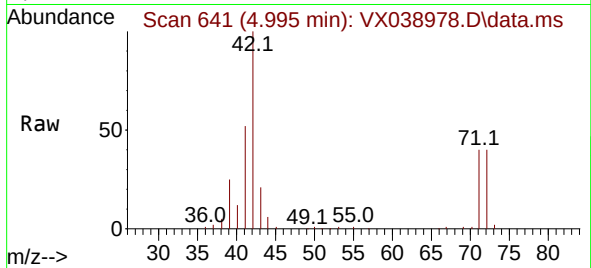
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	71.2	57.5	86.3





#29
Tetrahydrofuran
Concen: 99.646 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

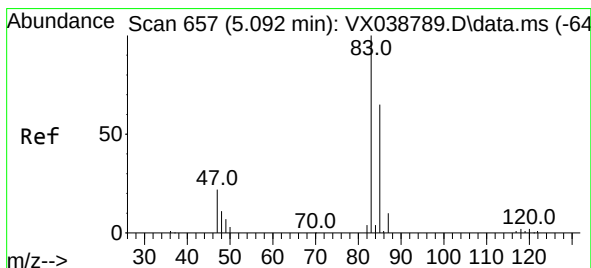
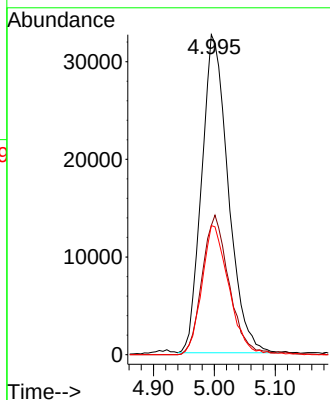
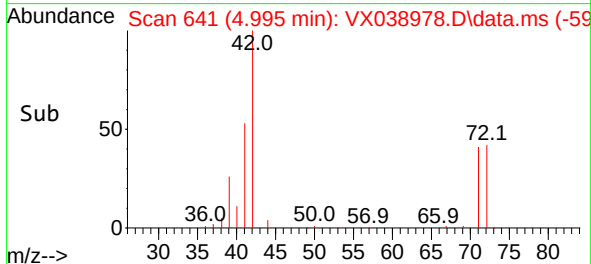
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



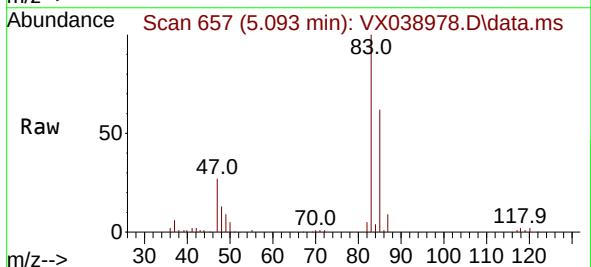
Tgt Ion: 42 Resp: 98678
Ion Ratio Lower Upper
42 100
72 44.4 34.2 51.4
71 41.4 32.2 48.2

Manual Integrations
APPROVED

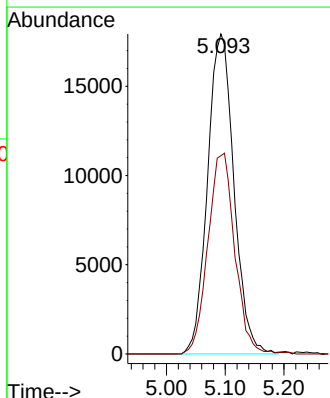
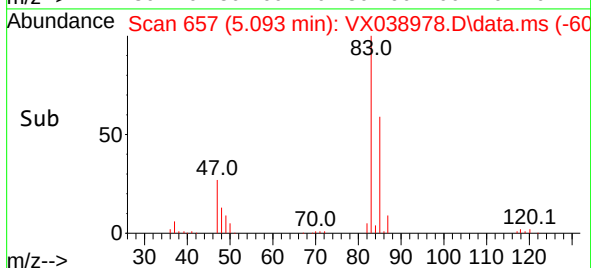
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

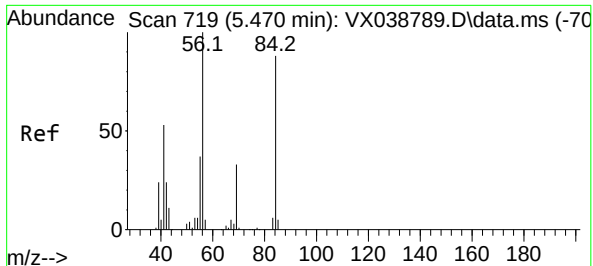


#30
Chloroform
Concen: 19.977 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



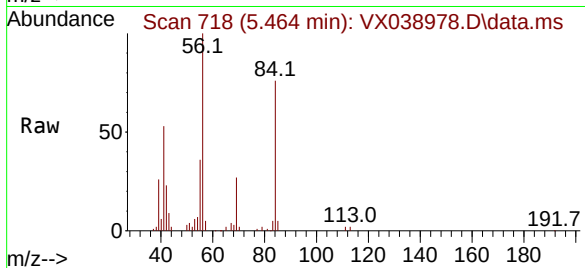
Tgt Ion: 83 Resp: 55992
Ion Ratio Lower Upper
83 100
85 62.0 50.3 75.5





#31
Cyclohexane
Concen: 18.010 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

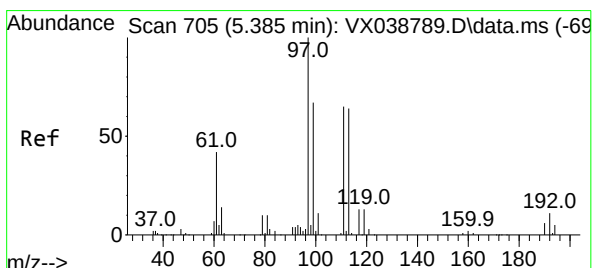
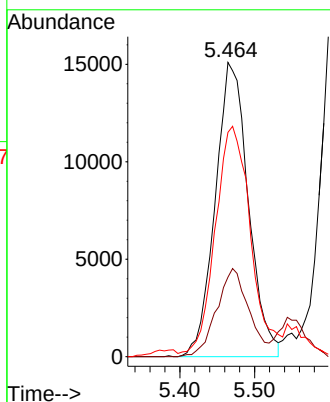
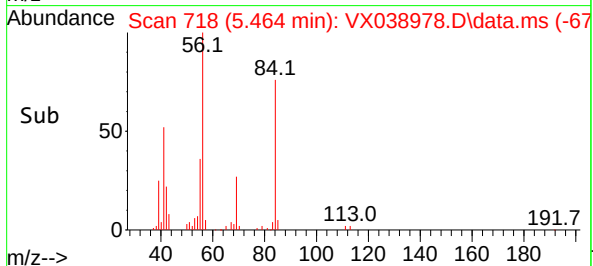
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 56 Resp: 46450
Ion Ratio Lower Upper
56 100
69 27.0 23.4 35.2
84 75.2 65.9 98.9

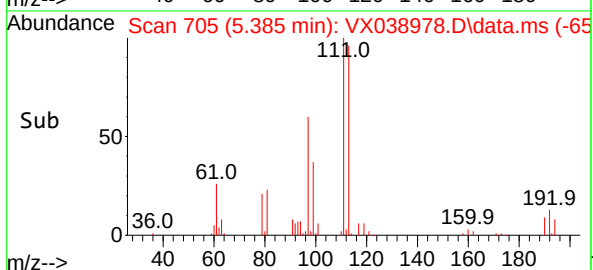
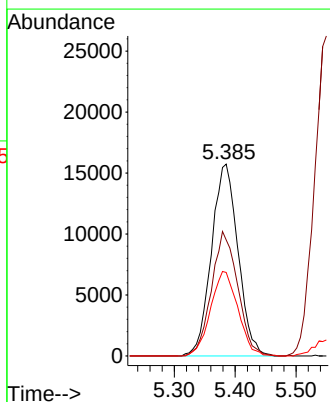
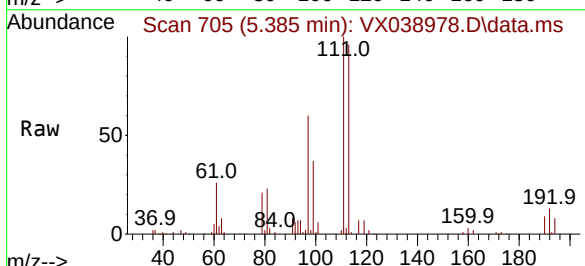
Manual Integrations
APPROVED

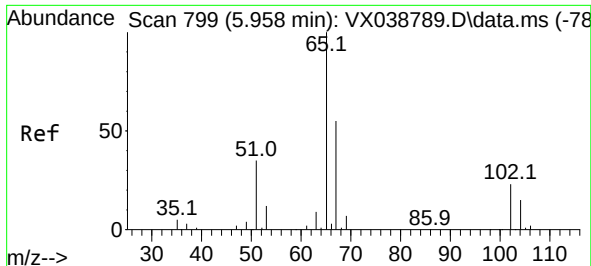
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#32
1,1,1-Trichloroethane
Concen: 19.659 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 97 Resp: 47727
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 45.4 36.4 54.6





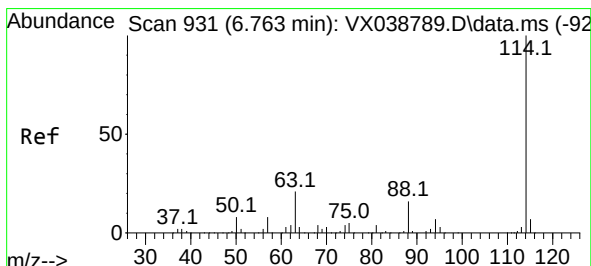
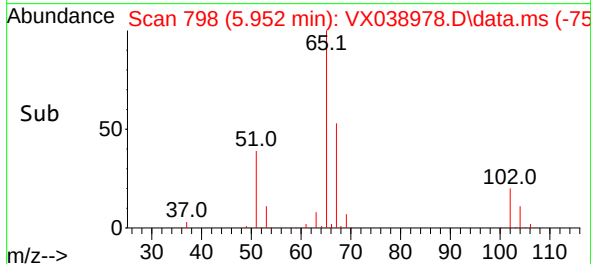
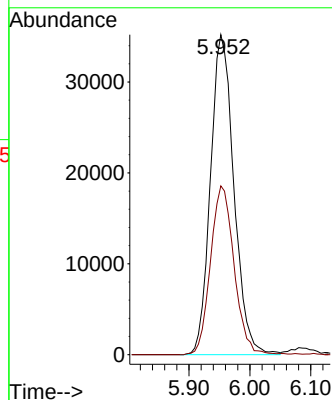
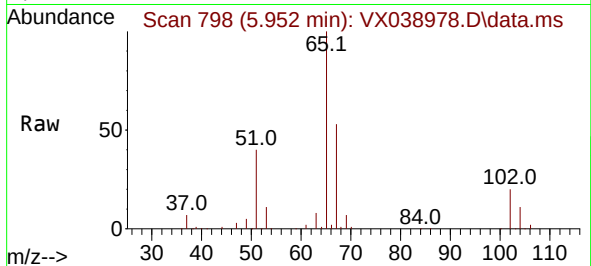
#33
1,2-Dichloroethane-d4
Concen: 52.069 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 65 Resp: 94072
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

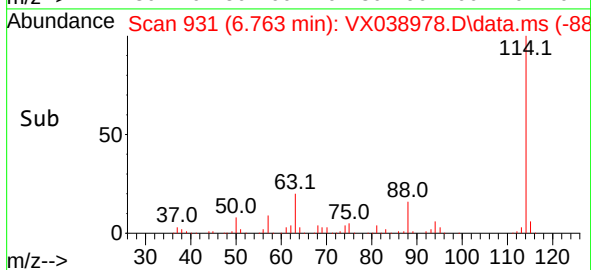
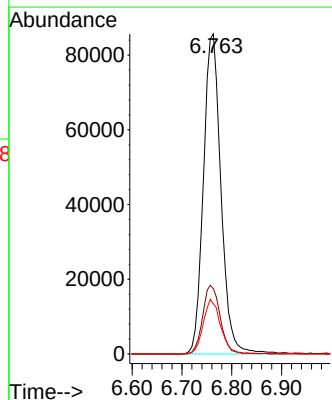
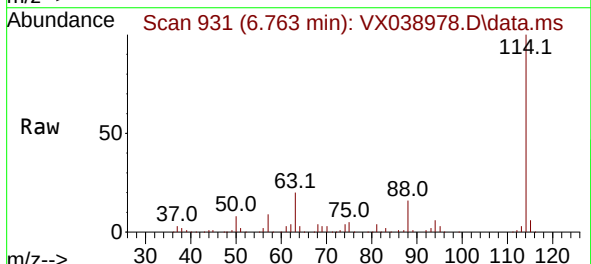
Manual Integrations
APPROVED

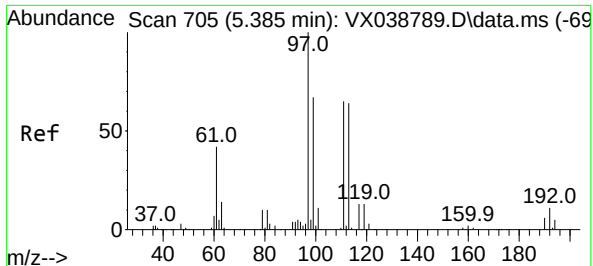
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

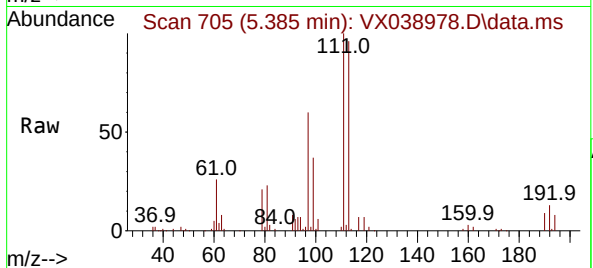
Tgt Ion:114 Resp: 209427
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

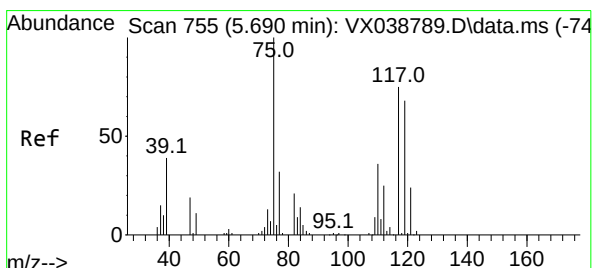
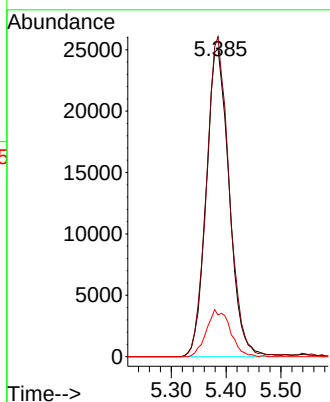
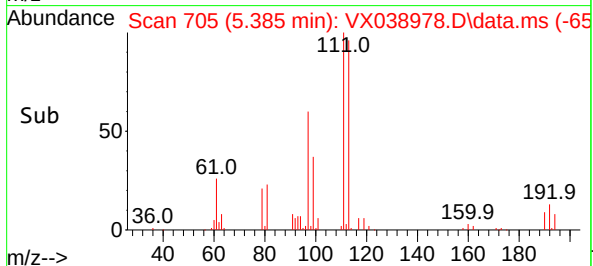
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 113 Resp: 73078
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.8 13.3 19.9

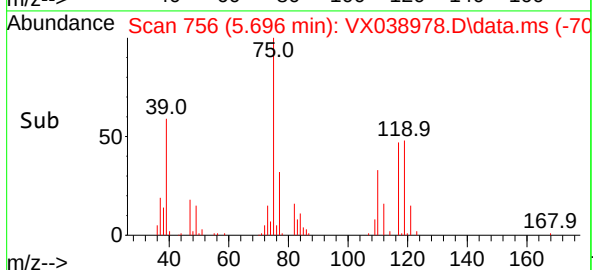
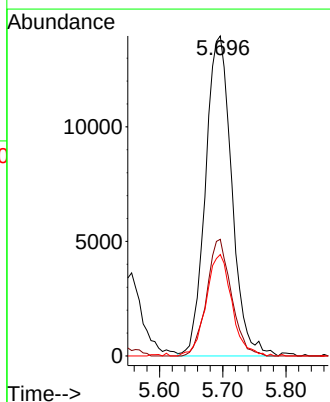
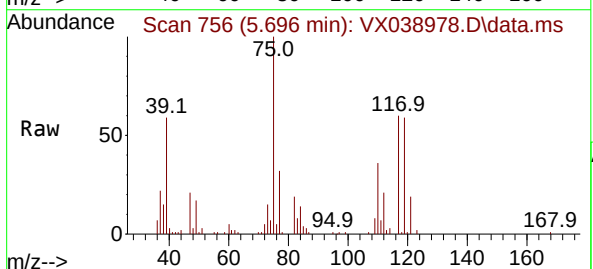
Manual Integrations
APPROVED

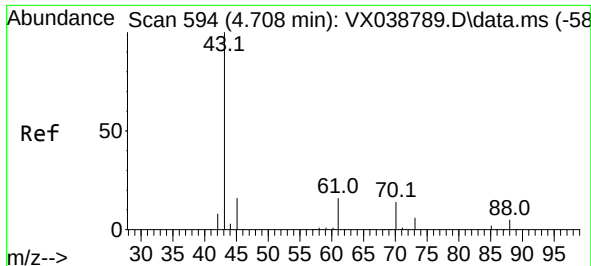
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#36
1,1-Dichloropropene
Concen: 18.583 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 75 Resp: 40284
Ion Ratio Lower Upper
75 100
110 34.3 17.0 50.9
77 31.2 24.7 37.1





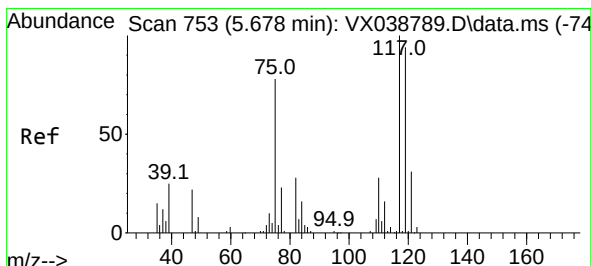
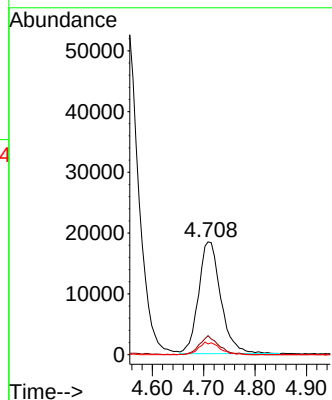
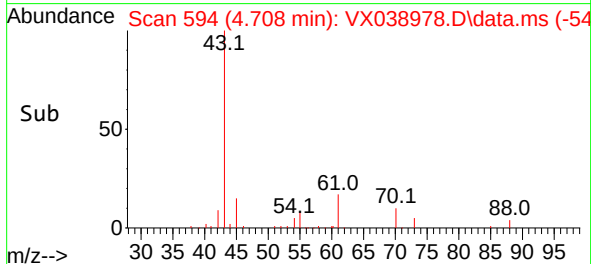
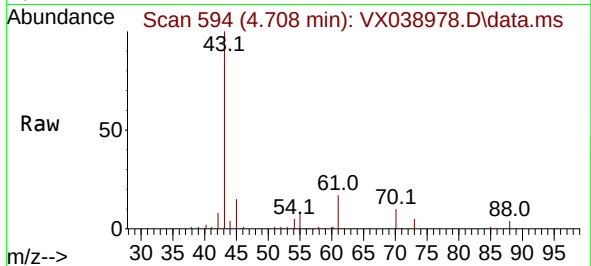
#37
Ethyl Acetate
Concen: 19.524 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 43 Resp: 5514
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 10.4 8.3 12.5

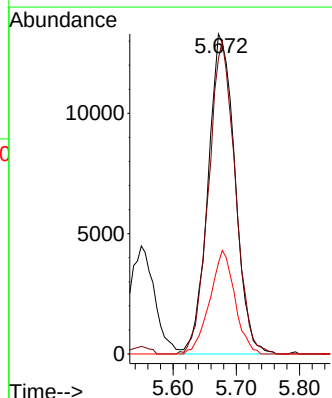
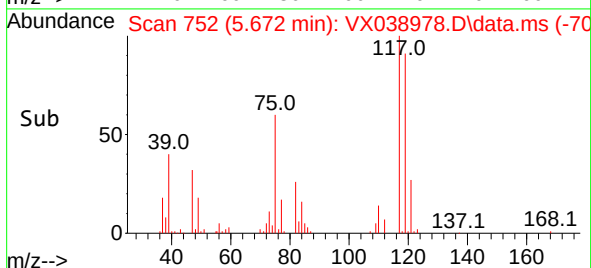
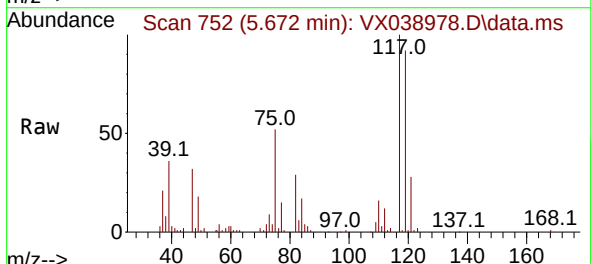
Manual Integrations
APPROVED

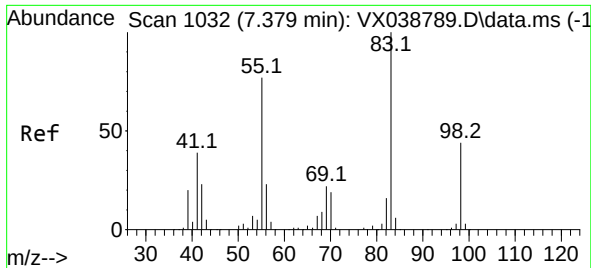
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#38
Carbon Tetrachloride
Concen: 19.614 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

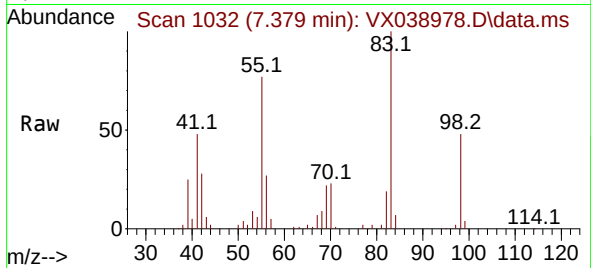
Tgt Ion:117 Resp: 39298
Ion Ratio Lower Upper
117 100
119 92.3 78.2 117.2
121 28.5 24.4 36.6





#39
Methylcyclohexane
Concen: 16.976 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

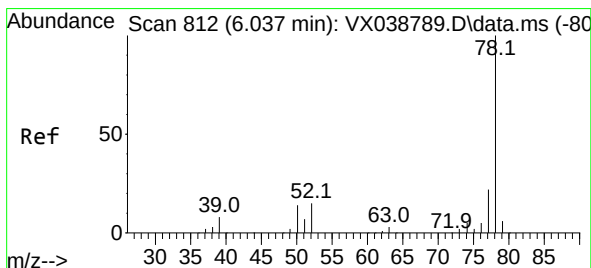
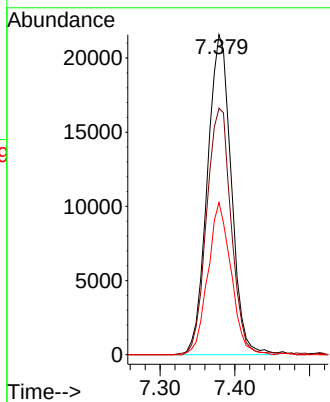
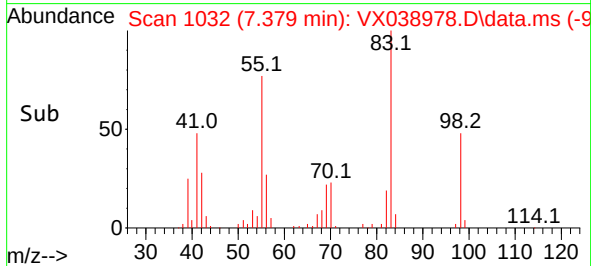
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 83 Resp: 4800
Ion Ratio Lower Upper
83 100
55 76.7 64.6 97.0
98 47.6 36.7 55.1

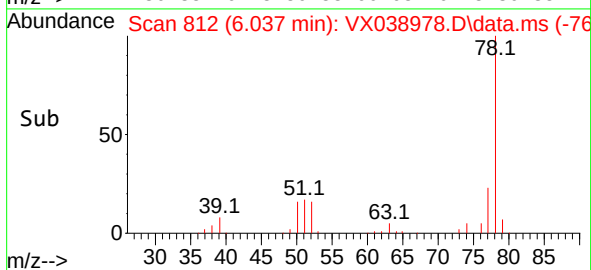
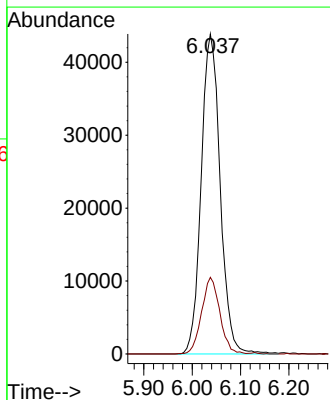
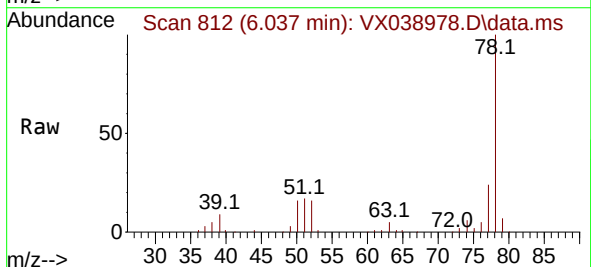
Manual Integrations
APPROVED

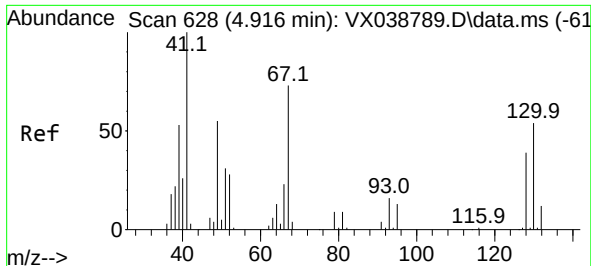
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#40
Benzene
Concen: 18.660 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 78 Resp: 119644
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 20.376 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

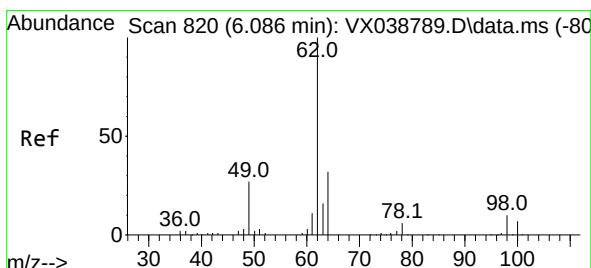
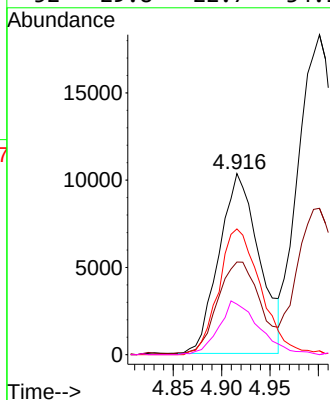
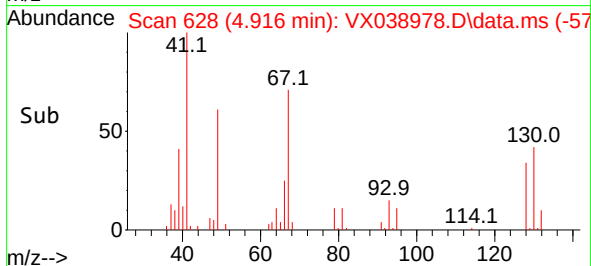
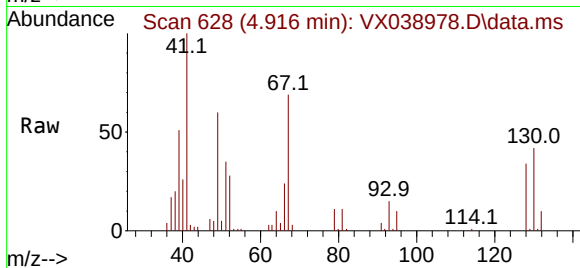
Tgt Ion: 41 Resp: 2984
Ion Ratio Lower Upper
41 100
39 53.9 45.2 67.8
67 73.3 52.6 78.8
52 29.8 22.7 34.1

Manual Integrations

APPROVED

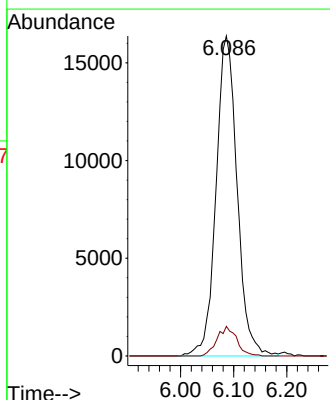
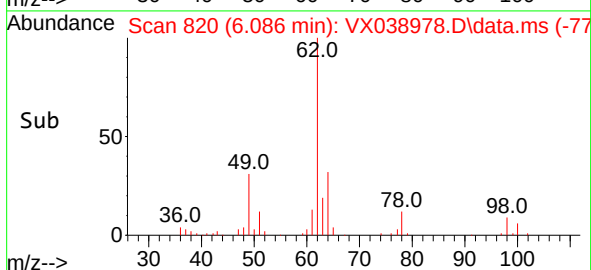
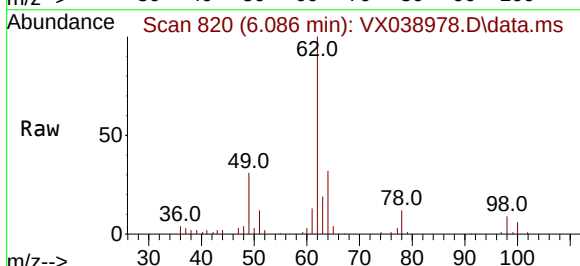
Reviewed By :John Carlone 11/22/2023

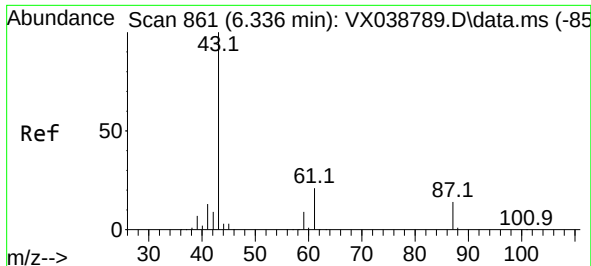
Supervised By :Mahesh Dadoda 11/22/2023



#42
1,2-Dichloroethane
Concen: 21.254 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

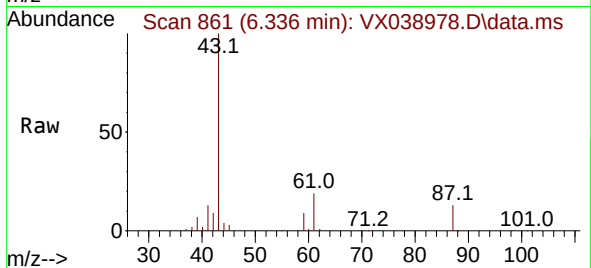
Tgt Ion: 62 Resp: 45150
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.499 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

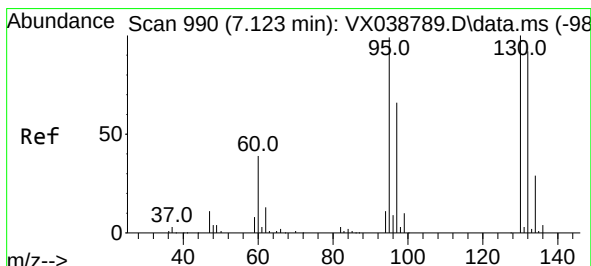
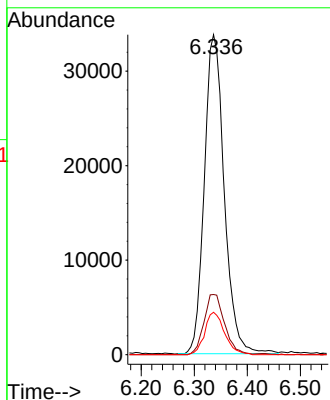
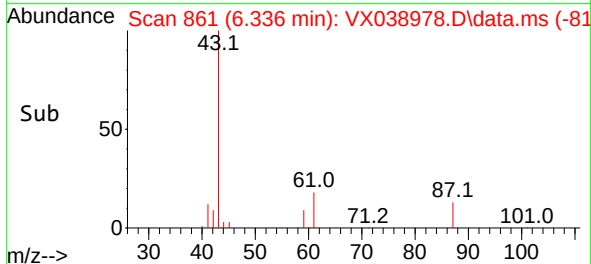
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



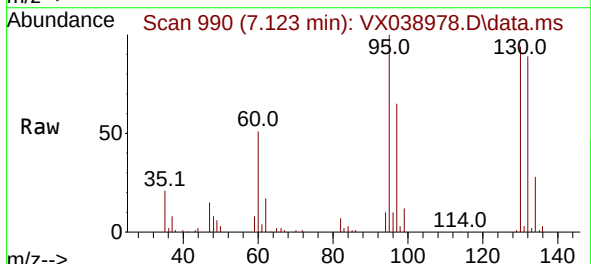
Tgt Ion: 43 Resp: 88012
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 13.2 9.8 14.6

Manual Integrations
APPROVED

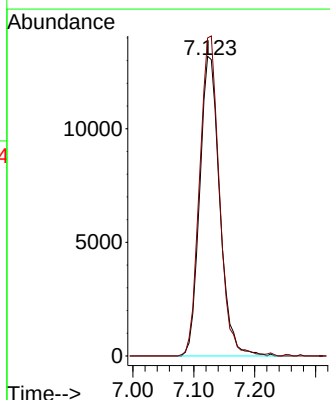
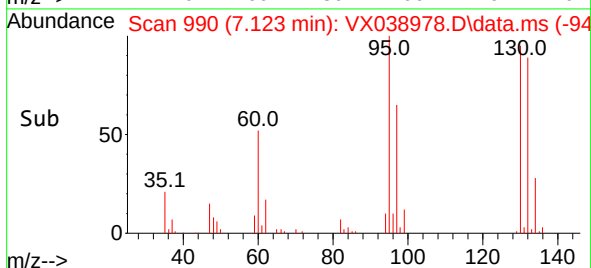
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

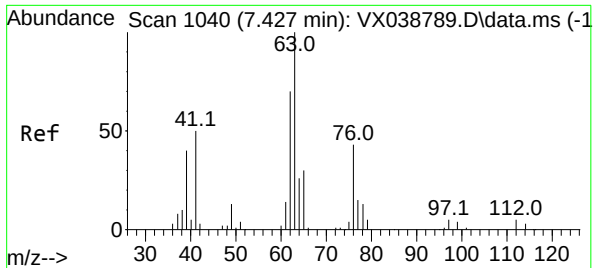


#44
Trichloroethene
Concen: 19.295 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



Tgt Ion:130 Resp: 30113
Ion Ratio Lower Upper
130 100
95 106.2 0.0 204.4





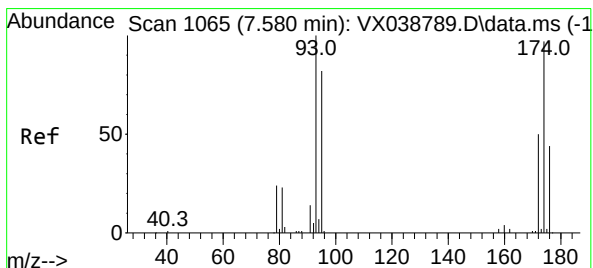
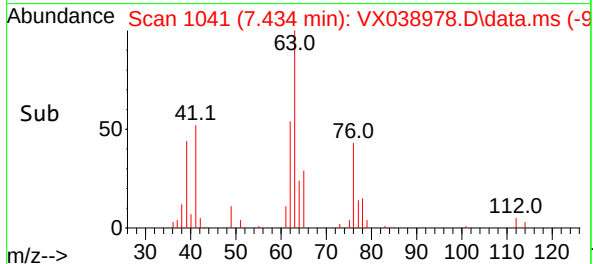
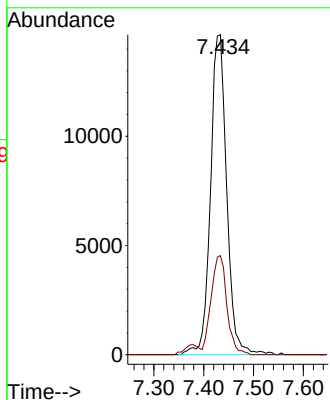
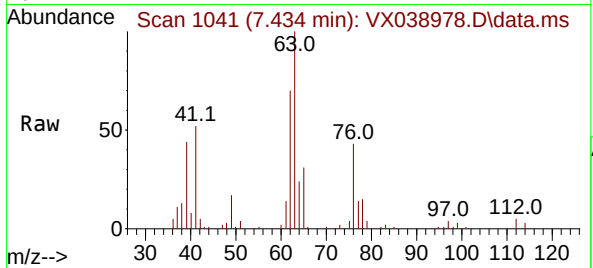
#45
1,2-Dichloropropane
Concen: 19.188 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 63 Resp: 33108
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

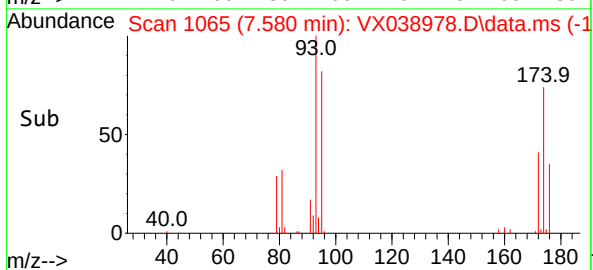
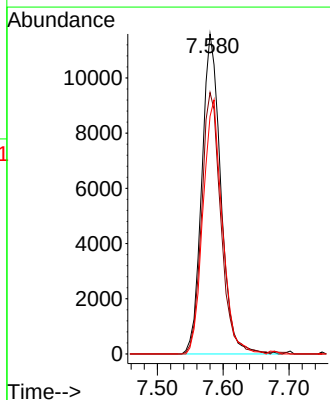
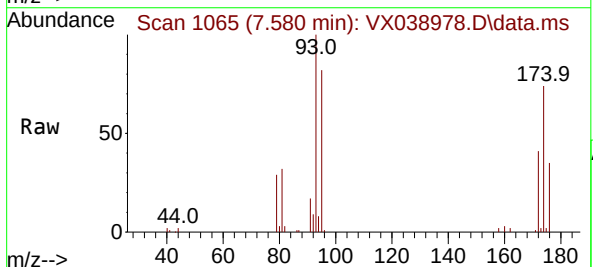
Manual Integrations
APPROVED

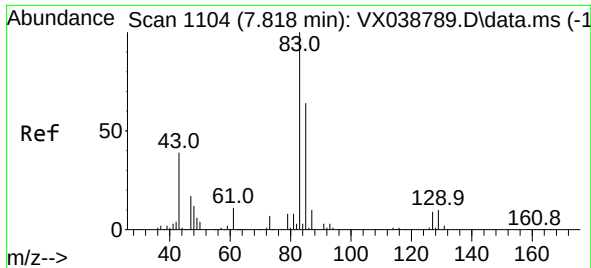
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#46
Dibromomethane
Concen: 20.274 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

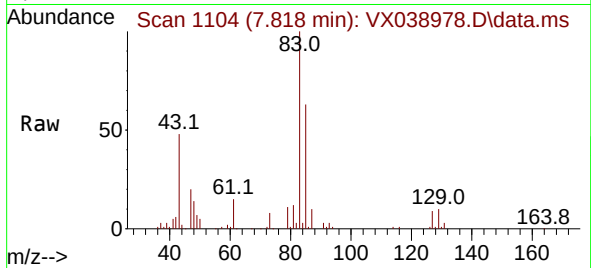
Tgt Ion: 93 Resp: 23328
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 80.5 69.4 104.0





#47
Bromodichloromethane
Concen: 19.533 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

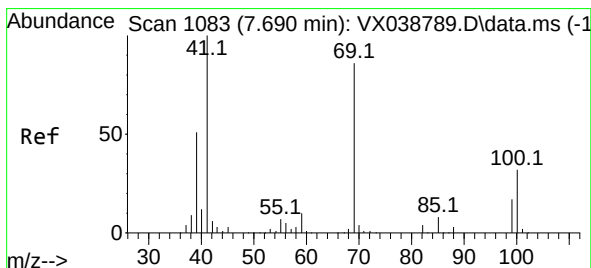
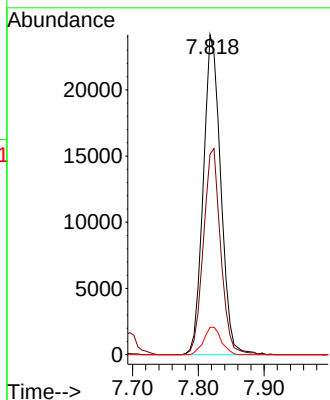
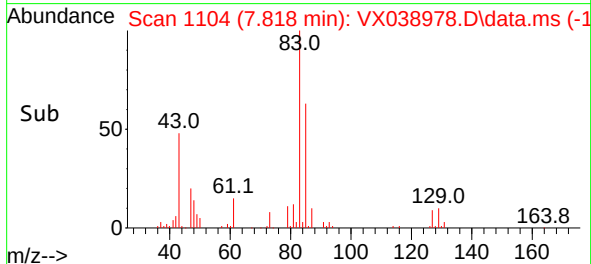
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



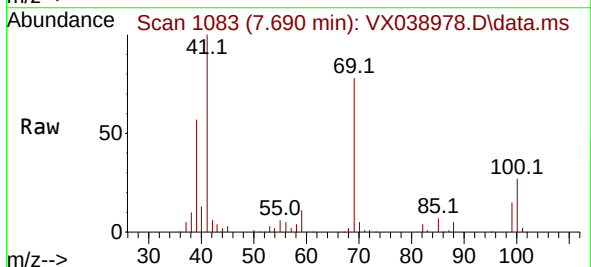
Tgt Ion: 83 Resp: 44609
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 8.5 7.1 10.7

Manual Integrations
APPROVED

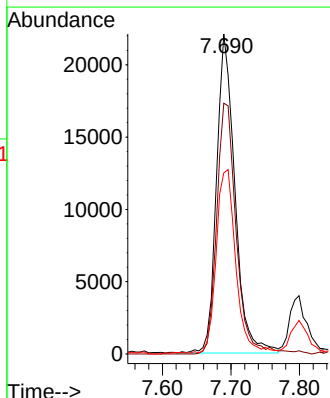
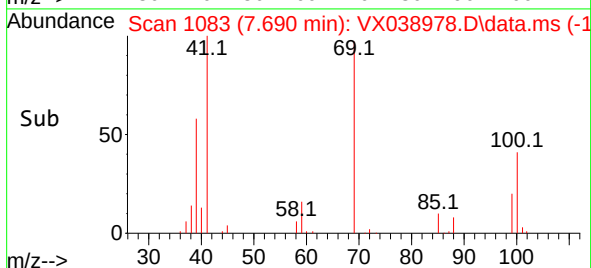
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

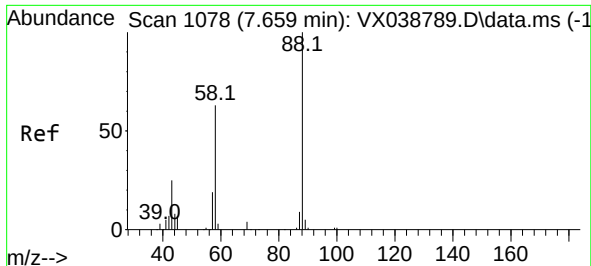


#48
Methyl methacrylate
Concen: 18.727 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



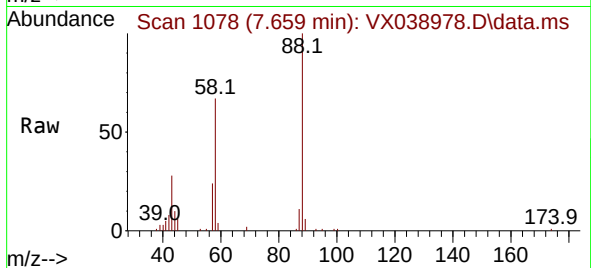
Tgt Ion: 41 Resp: 41011
Ion Ratio Lower Upper
41 100
69 83.6 59.2 88.8
39 60.7 47.7 71.5





#49
1,4-Dioxane
Concen: 422.722 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

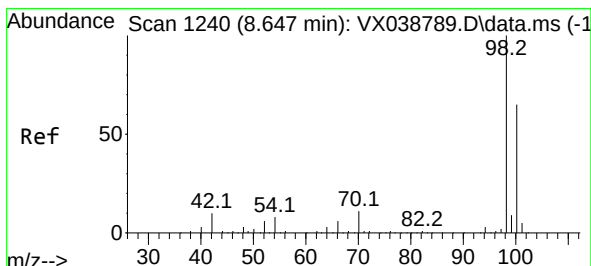
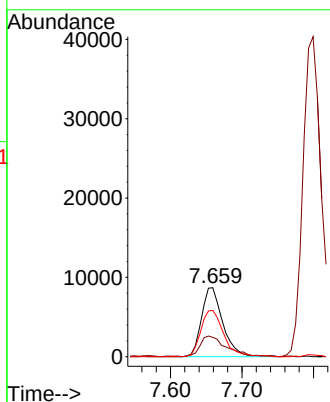
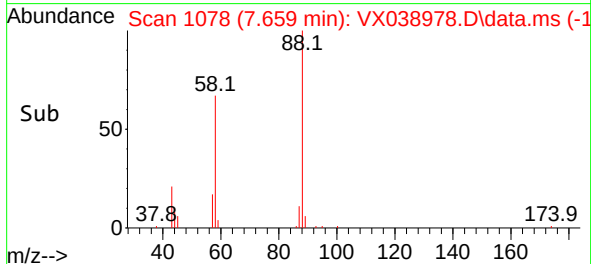
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 88 Resp: 17910
Ion Ratio Lower Upper
88 100
43 37.4 0.0 0.0
58 71.7 60.1 90.1

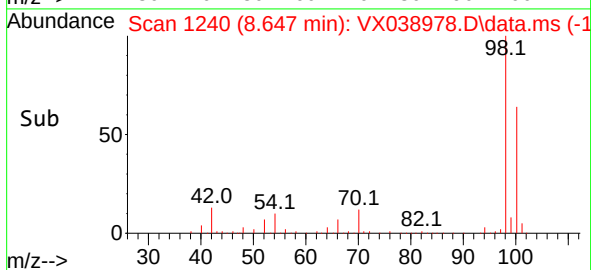
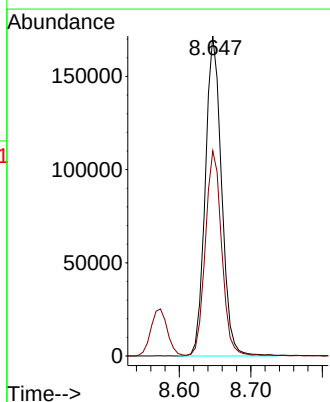
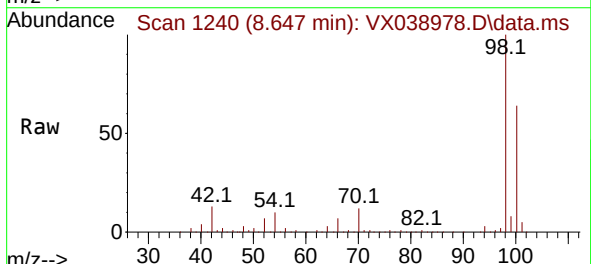
Manual Integrations
APPROVED

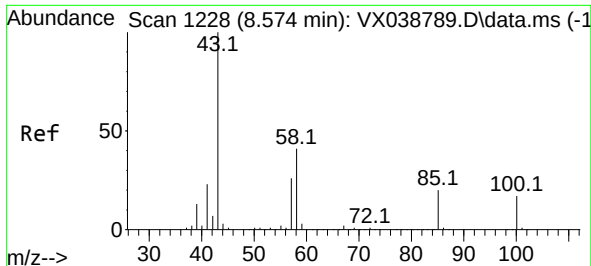
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#50
Toluene-d8
Concen: 46.926 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 98 Resp: 271560
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





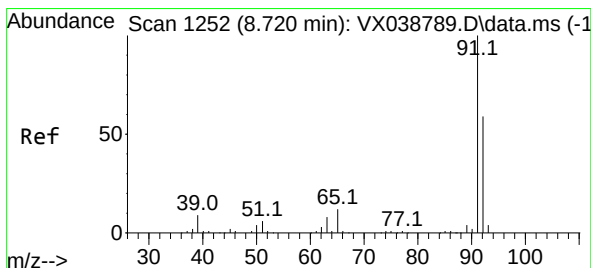
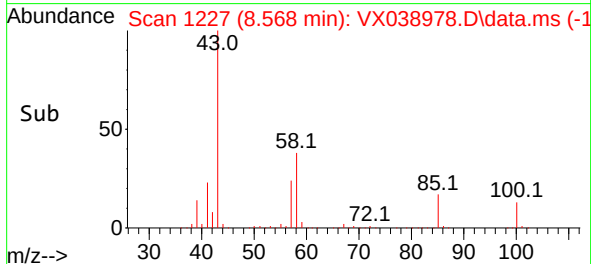
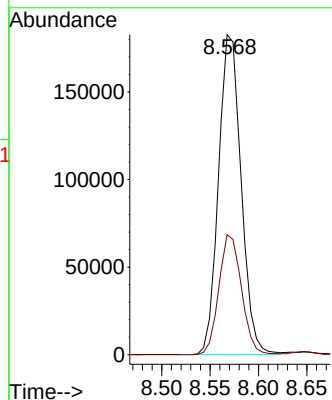
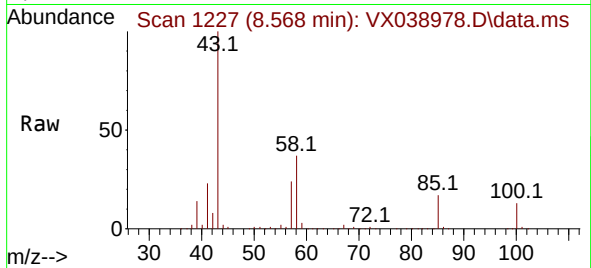
#51
4-Methyl-2-Pentanone
Concen: 102.772 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 43 Resp: 296444
Ion Ratio Lower Upper
43 100
58 37.5 30.4 45.6

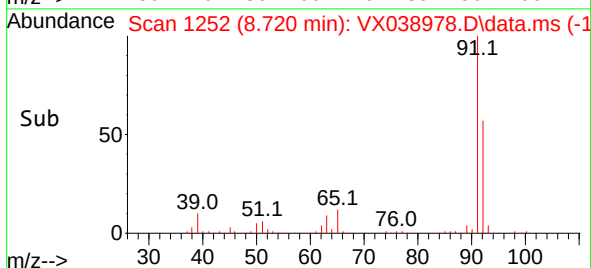
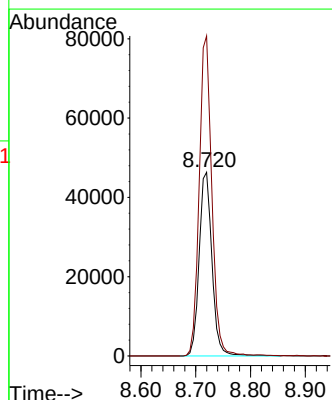
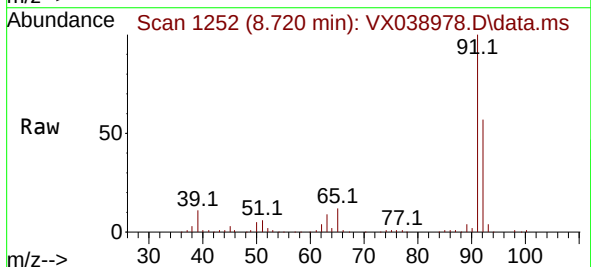
Manual Integrations
APPROVED

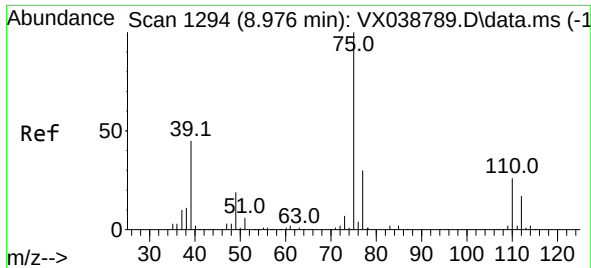
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 18.942 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

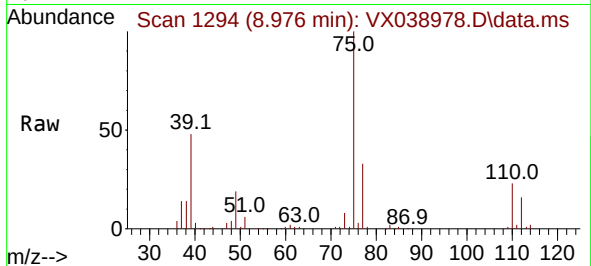
Tgt Ion: 92 Resp: 75365
Ion Ratio Lower Upper
92 100
91 171.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 18.917 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

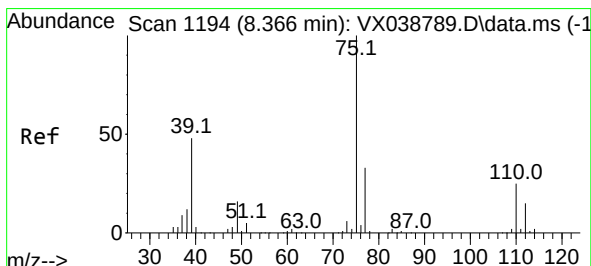
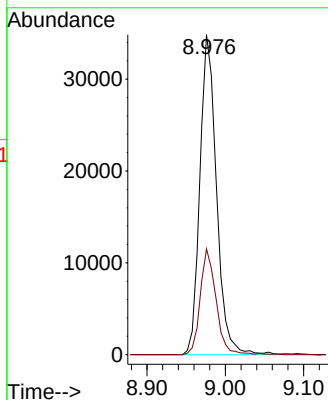
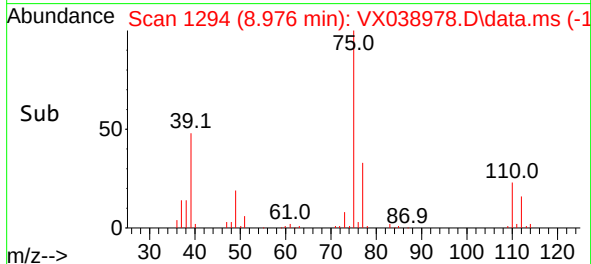
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



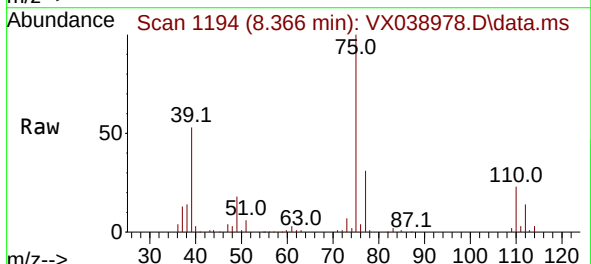
Tgt Ion: 75 Resp: 5134
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5

Manual Integrations
APPROVED

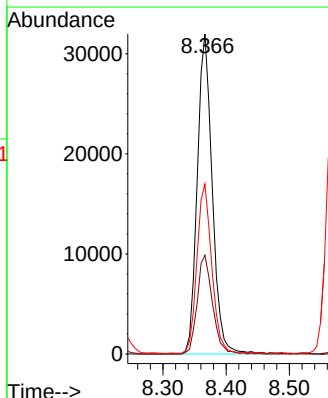
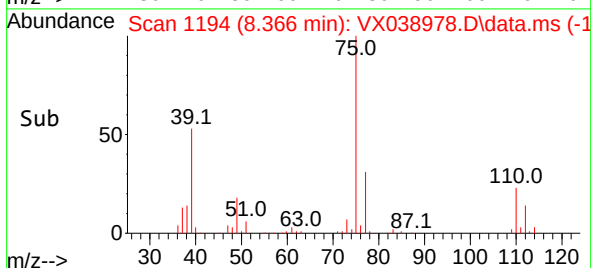
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

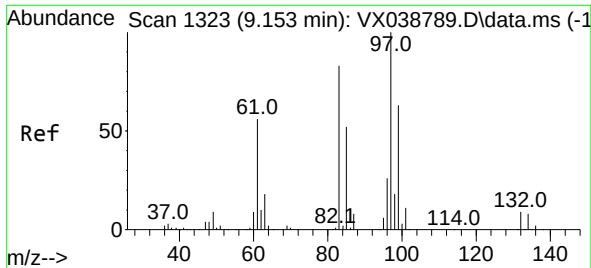


#54
cis-1,3-Dichloropropene
Concen: 18.851 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



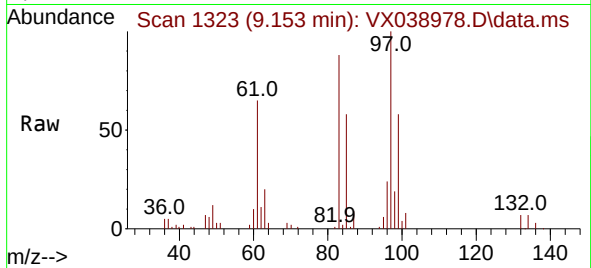
Tgt Ion: 75 Resp: 52846
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 52.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.743 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

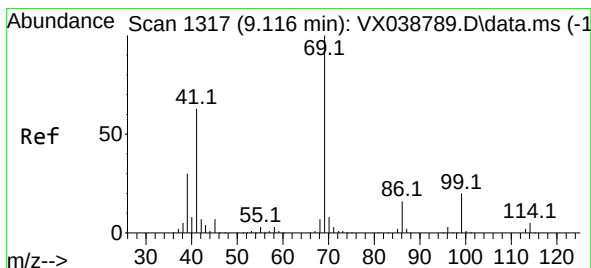
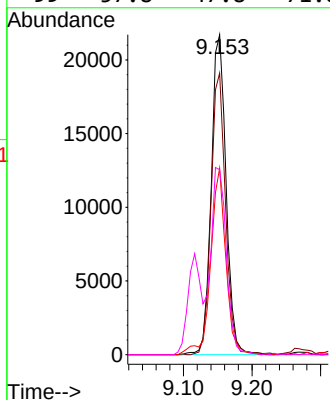
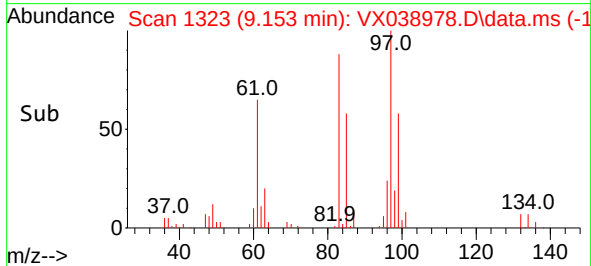
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



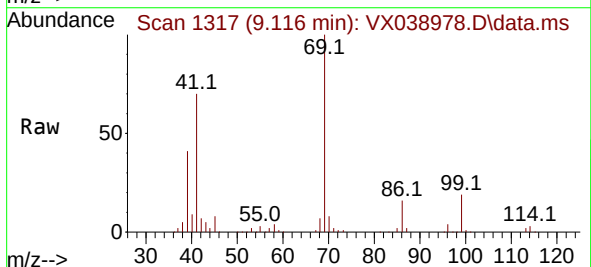
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	65.8	98.8
85	58.3	41.6	62.4
99	57.8	47.8	71.8

Manual Integrations
APPROVED

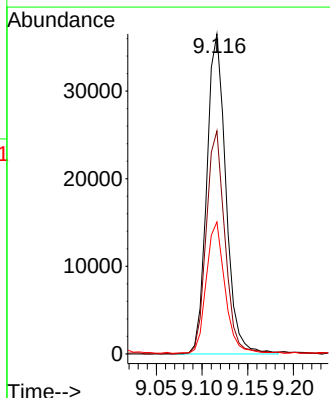
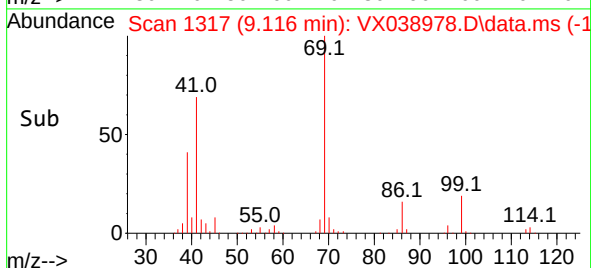
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

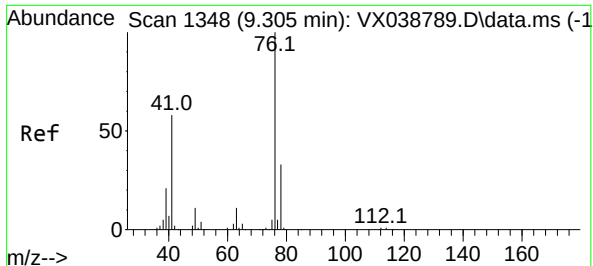


#56
Ethyl methacrylate
Concen: 18.857 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.8	85.2
39	40.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.642 ug/l

RT: 9.305 min Scan# 111

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion: 76 Resp: 53930

Ion Ratio Lower Upper

76 100

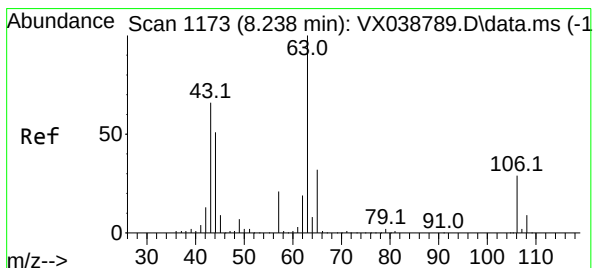
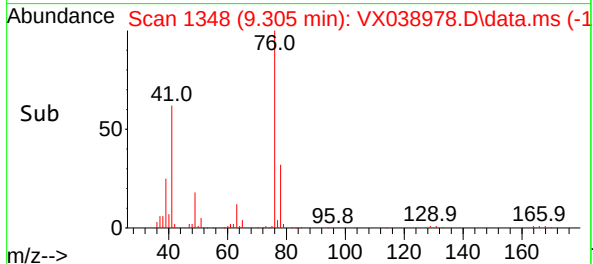
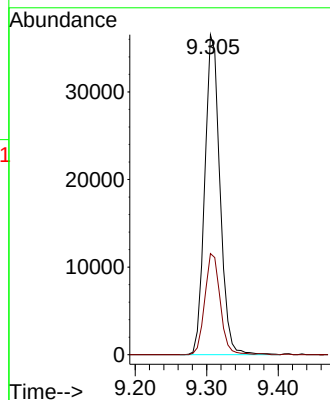
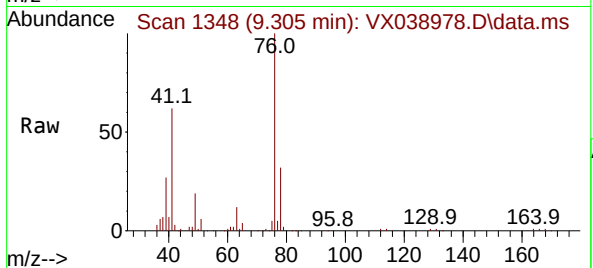
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.547 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX038978.D

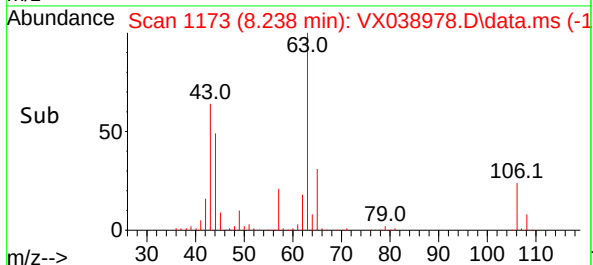
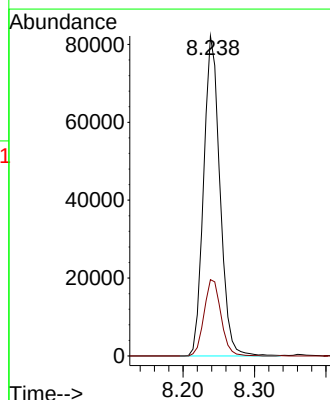
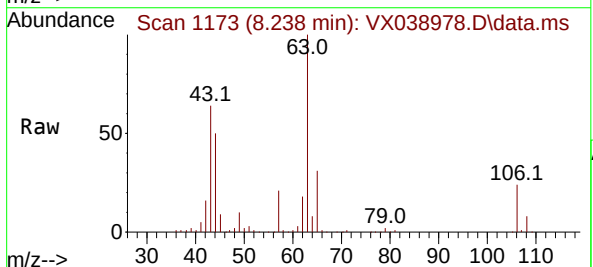
Acq: 21 Nov 2023 12:43

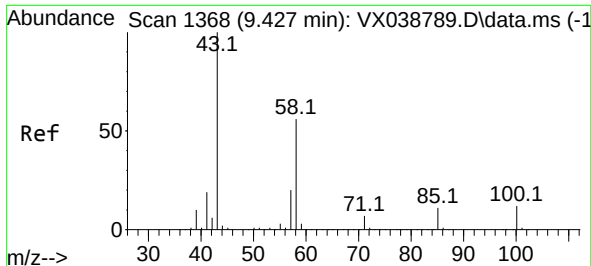
Tgt Ion: 63 Resp: 130260

Ion Ratio Lower Upper

63 100

106 24.8 22.5 33.7





#59

2-Hexanone

Concen: 102.256 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion: 43 Resp: 23641

Ion Ratio Lower Upper

43 100

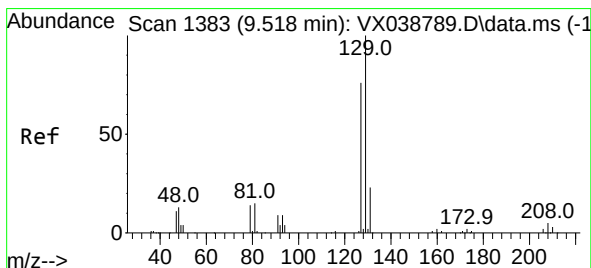
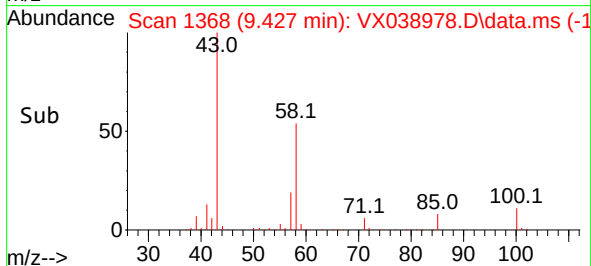
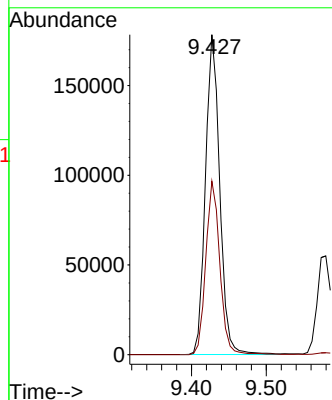
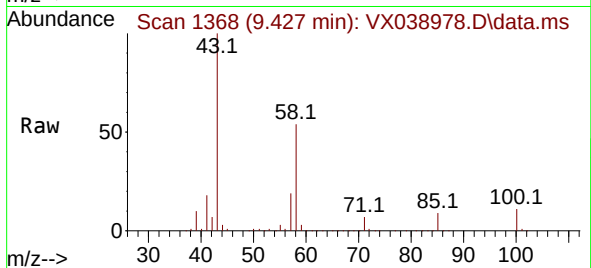
58 53.6 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#60

Dibromochloromethane

Concen: 19.474 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX038978.D

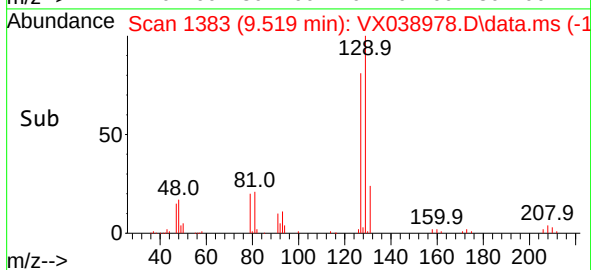
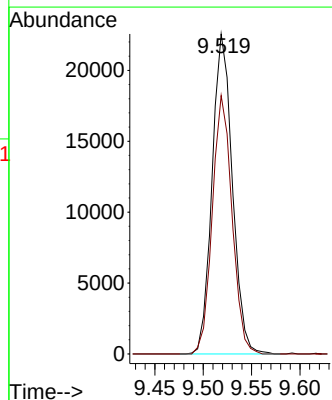
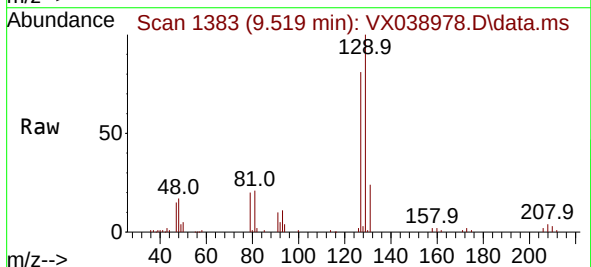
Acq: 21 Nov 2023 12:43

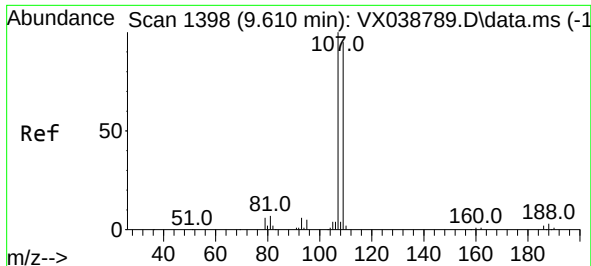
Tgt Ion:129 Resp: 32873

Ion Ratio Lower Upper

129 100

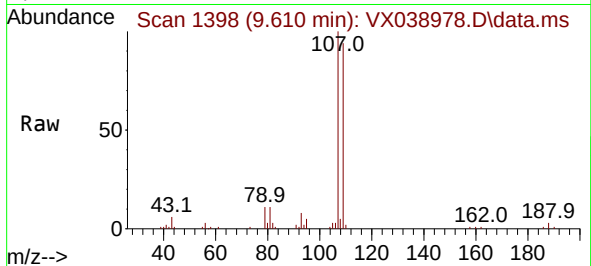
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.519 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

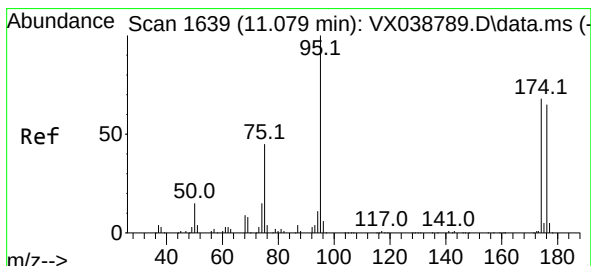
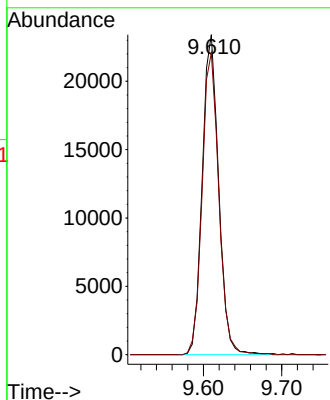
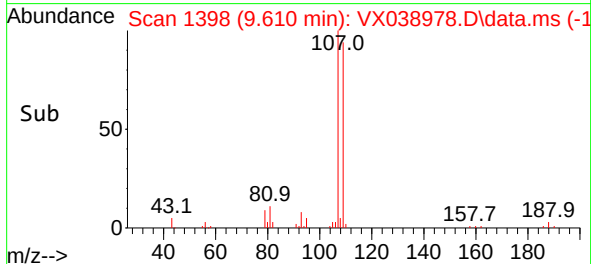
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



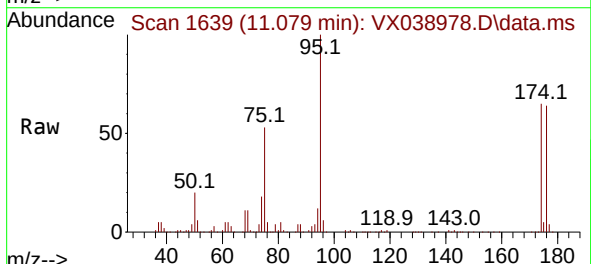
Tgt Ion:107 Resp: 3400
Ion Ratio Lower Upper
107 100
109 95.9 75.2 112.8

Manual Integrations
APPROVED

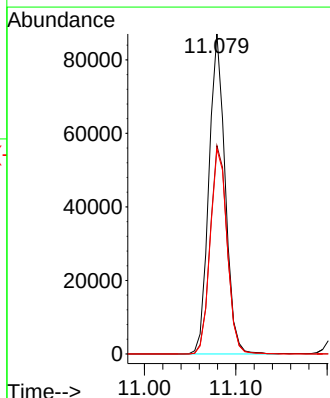
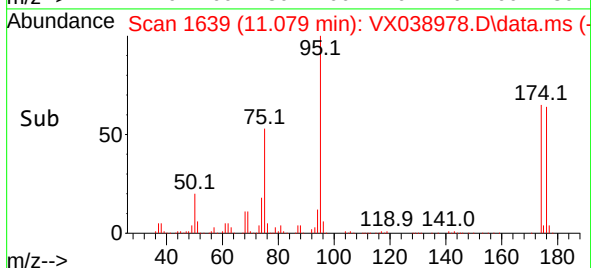
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

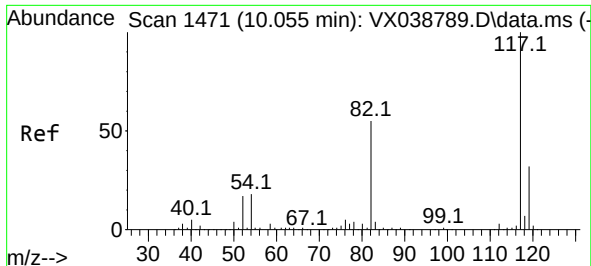


#62
4-Bromofluorobenzene
Concen: 46.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



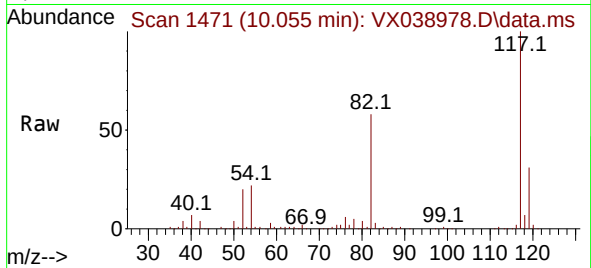
Tgt Ion: 95 Resp: 107058
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.6
176 66.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

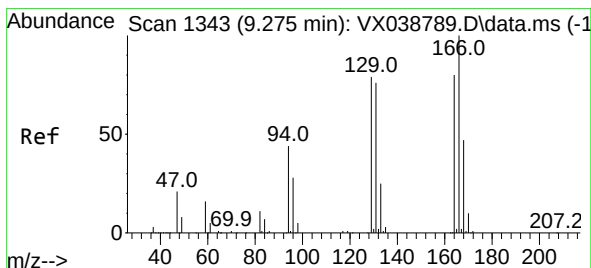
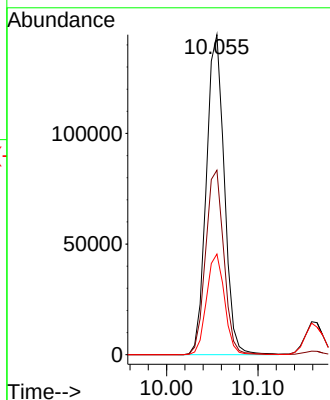
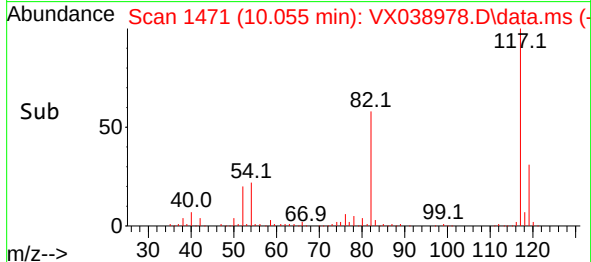
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion:117 Resp: 196944
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 31.5 25.5 38.3

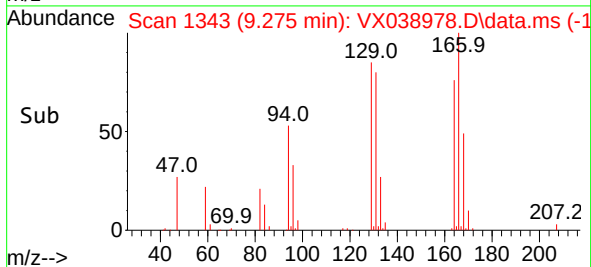
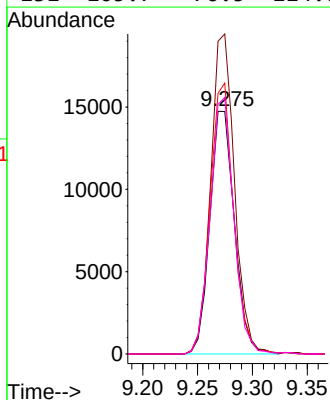
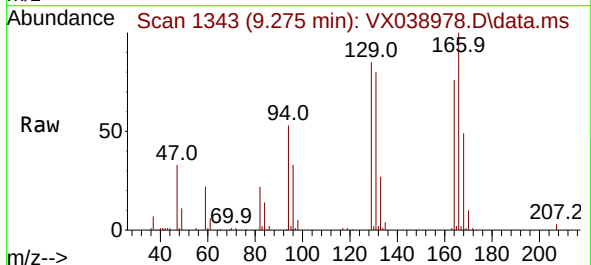
Manual Integrations
APPROVED

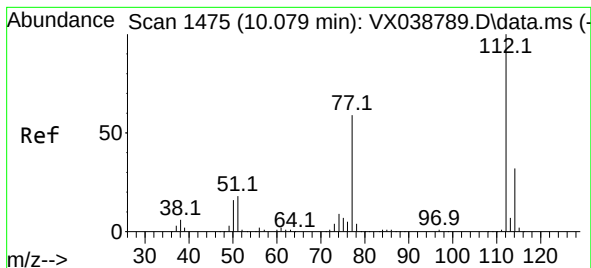
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#64
Tetrachloroethene
Concen: 18.807 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion:164 Resp: 23023
Ion Ratio Lower Upper
164 100
166 131.9 102.7 154.1
129 111.6 80.4 120.6
131 105.7 76.5 114.7





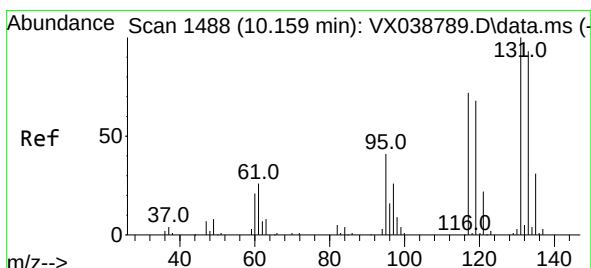
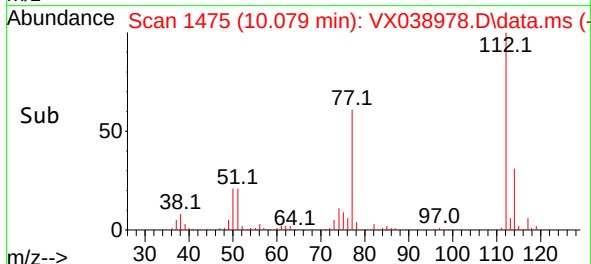
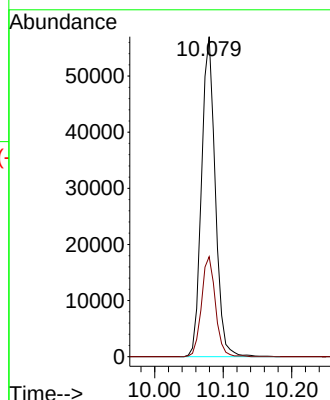
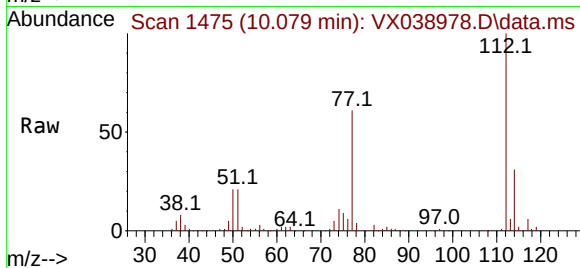
#65
Chlorobenzene
Concen: 18.805 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion:112 Resp: 79780
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

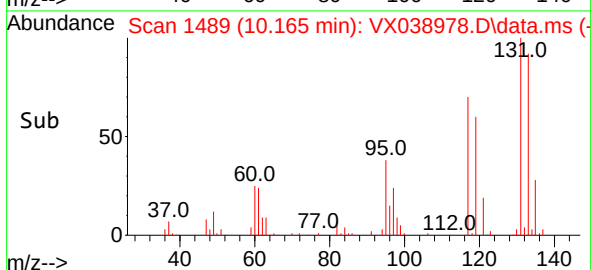
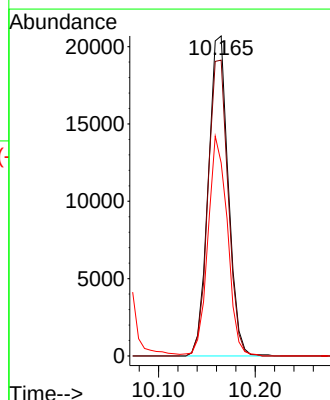
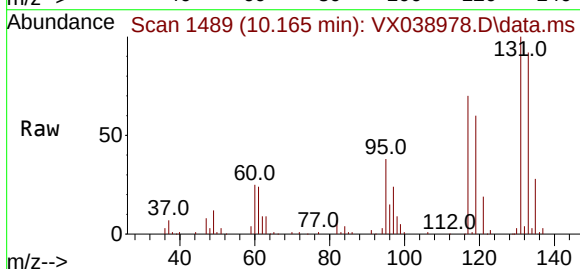
Manual Integrations
APPROVED

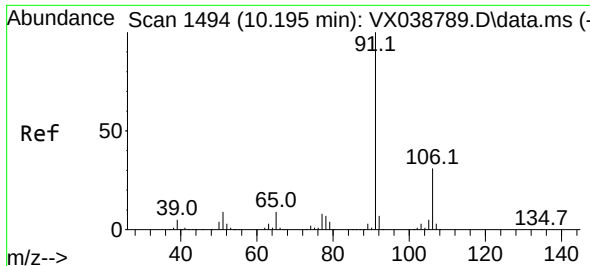
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.500 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion:131 Resp: 29758
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 66.7 32.2 96.6





#67

Ethyl Benzene

Concen: 18.963 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion: 91 Resp: 147802

Ion Ratio Lower Upper

91 100

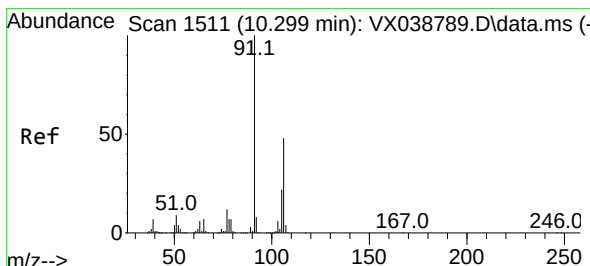
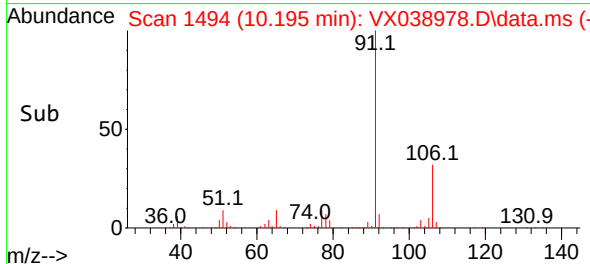
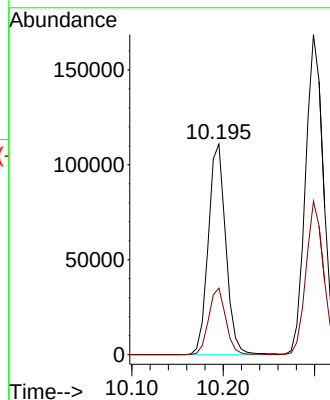
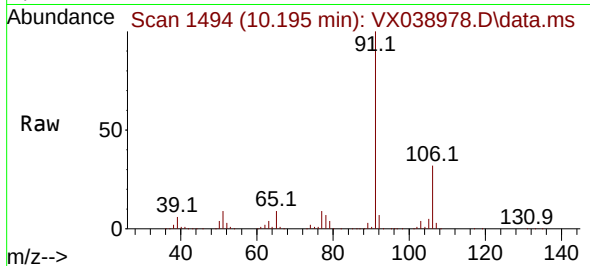
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#68

m/p-Xylenes

Concen: 37.193 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038978.D

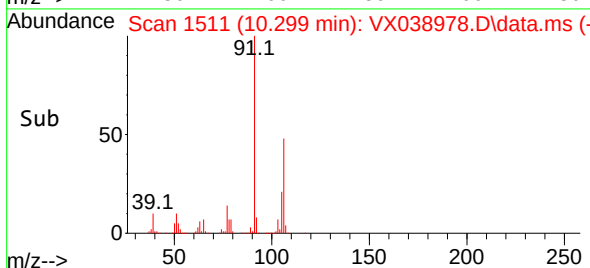
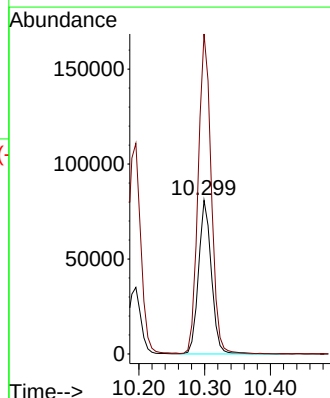
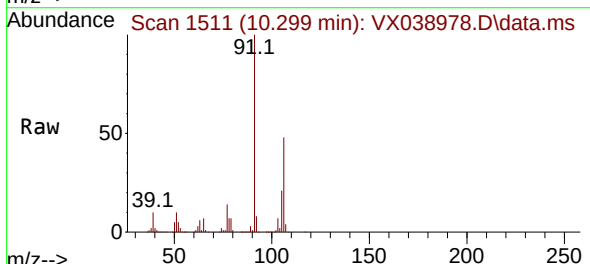
Acq: 21 Nov 2023 12:43

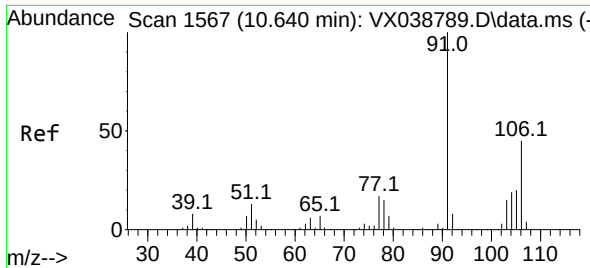
Tgt Ion:106 Resp: 109662

Ion Ratio Lower Upper

106 100

91 212.3 165.5 248.3





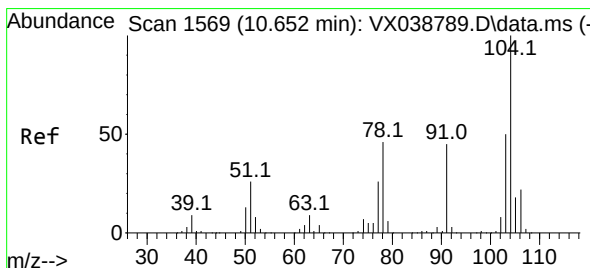
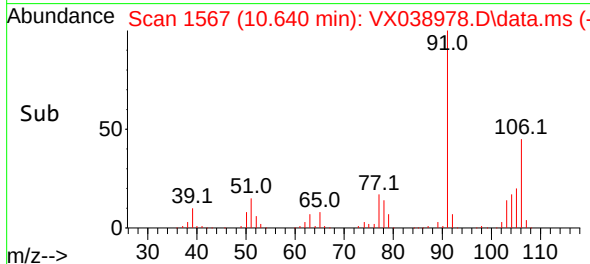
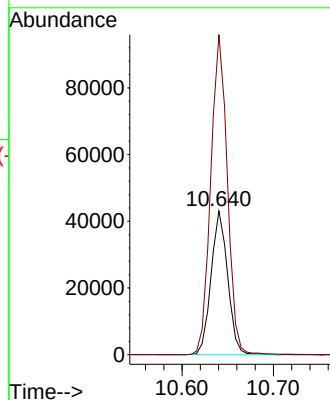
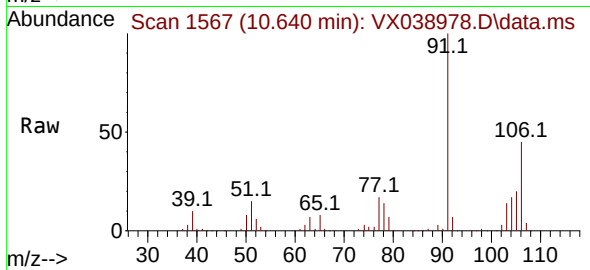
#69
o-Xylene
Concen: 18.550 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion:106 Resp: 54118
Ion Ratio Lower Upper
106 100
91 223.5 108.9 326.8

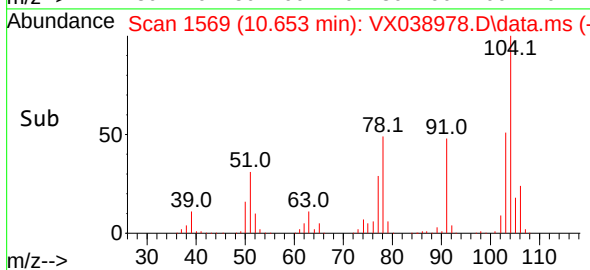
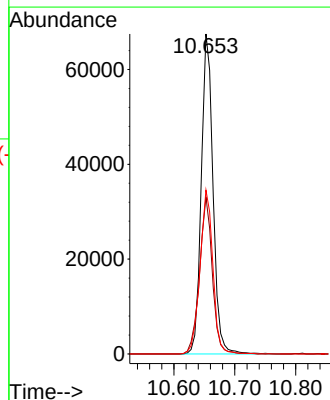
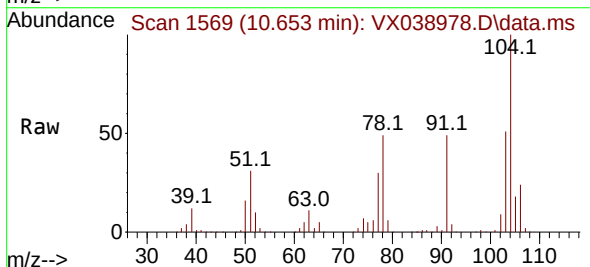
Manual Integrations
APPROVED

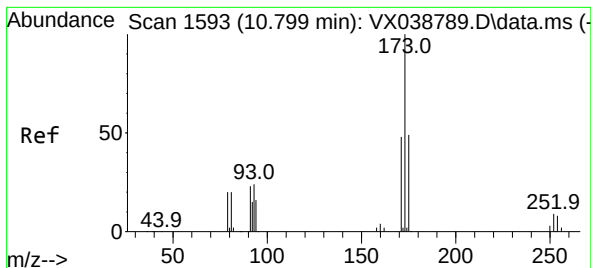
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#70
Styrene
Concen: 18.349 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

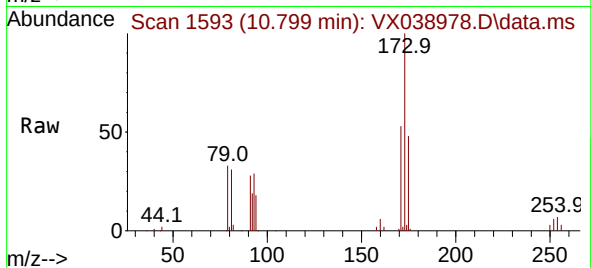
Tgt Ion:104 Resp: 90410
Ion Ratio Lower Upper
104 100
78 53.2 43.6 65.4
103 56.2 43.6 65.4





#71
Bromoform
Concen: 18.594 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

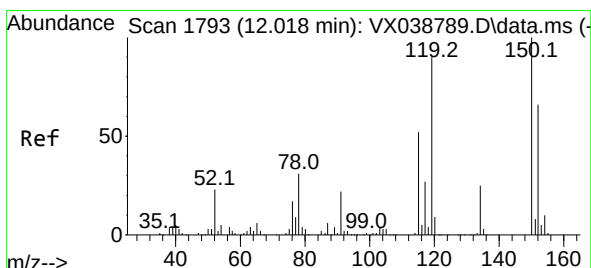
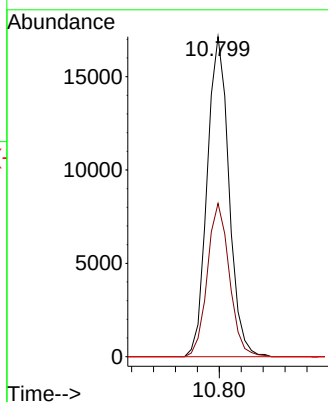
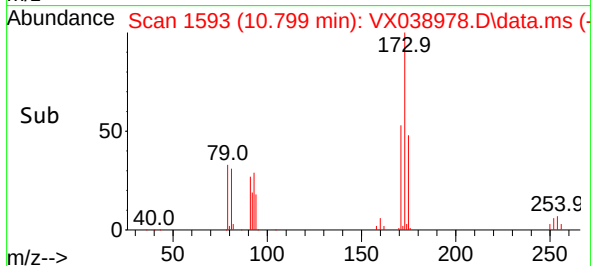
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion:173 Resp: 2365
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

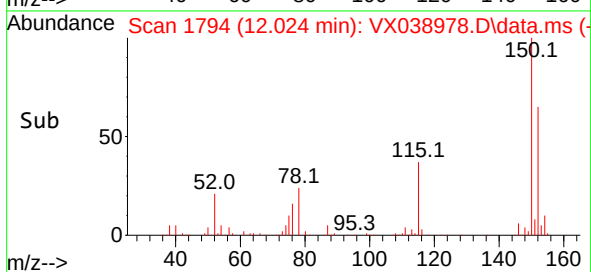
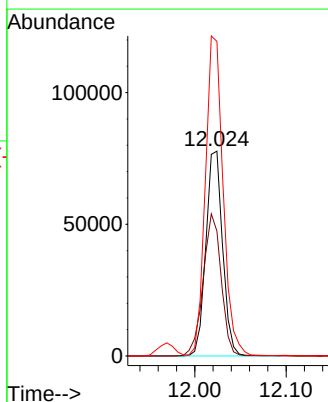
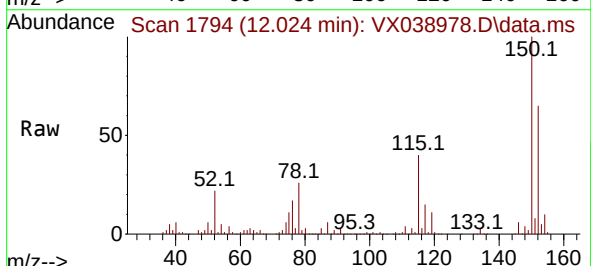
Manual Integrations
APPROVED

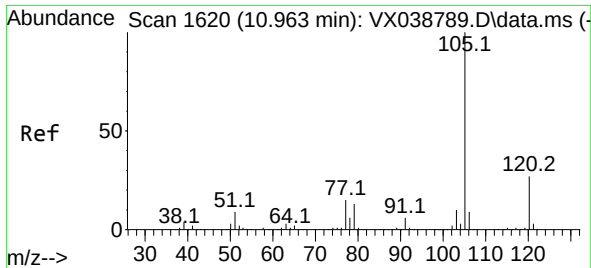
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

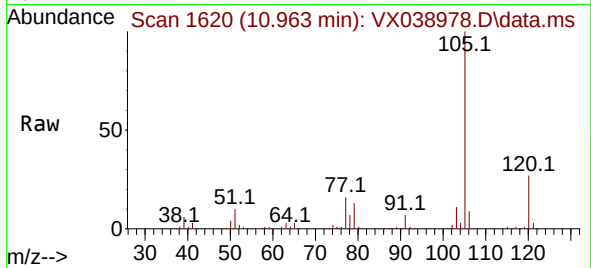
Tgt Ion:152 Resp: 98844
Ion Ratio Lower Upper
152 100
115 74.4 43.3 129.9
150 164.5 0.0 345.0





#73
Isopropylbenzene
Concen: 18.566 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

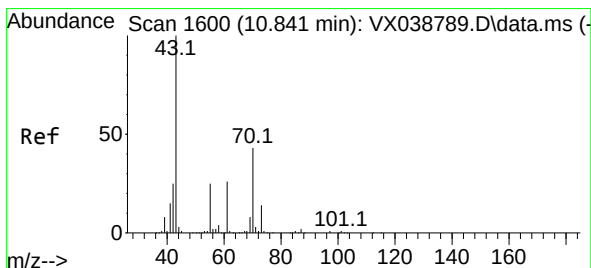
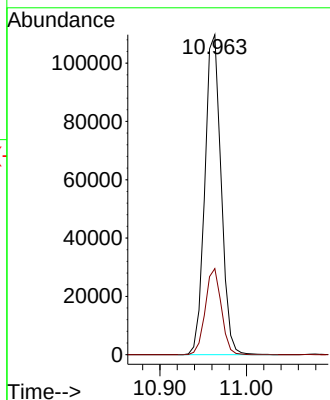
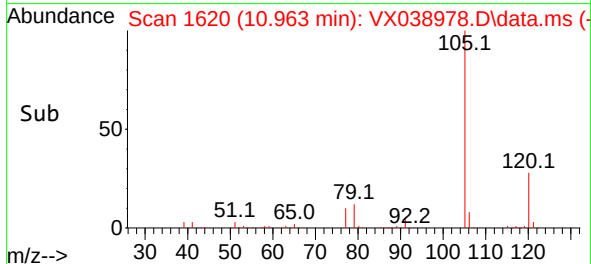
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



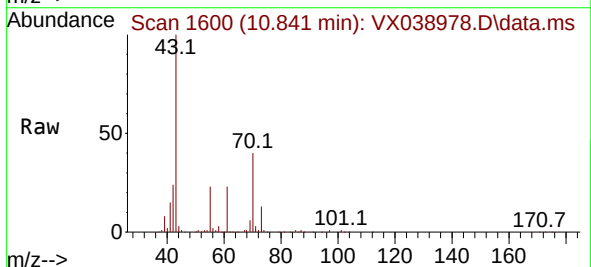
Tgt Ion:105 Resp: 142980
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

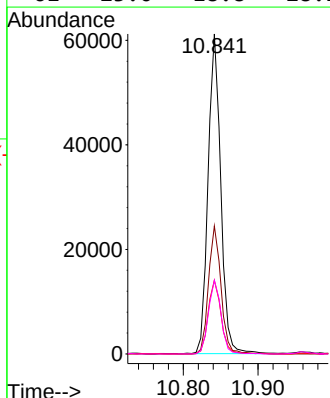
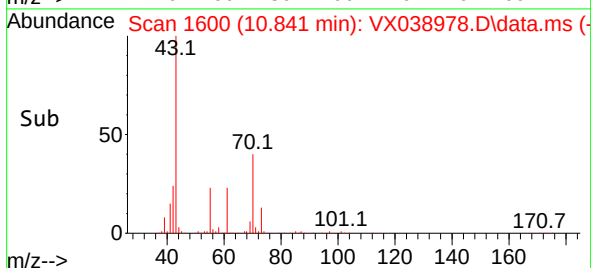
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

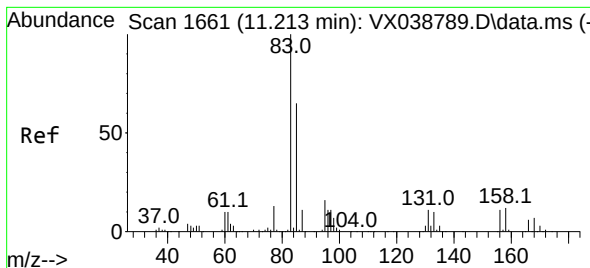


#74
N-ethyl acetate
Concen: 17.649 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



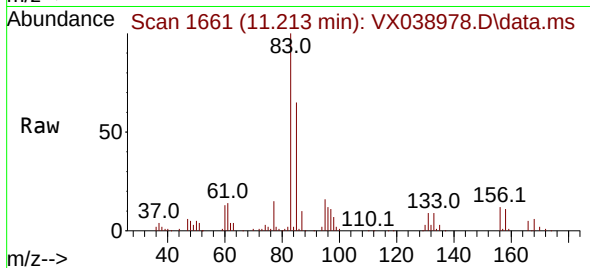
Tgt Ion: 43 Resp: 71849
Ion Ratio Lower Upper
43 100
70 39.6 32.9 49.3
55 23.6 19.3 28.9
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 18.217 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

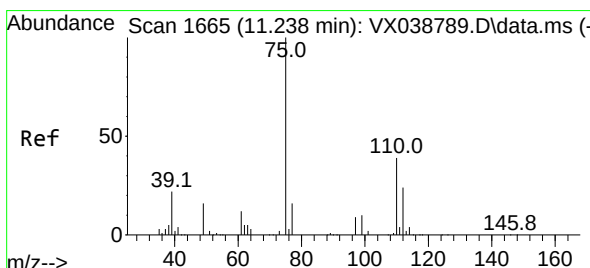
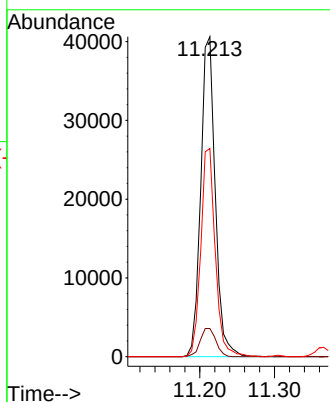
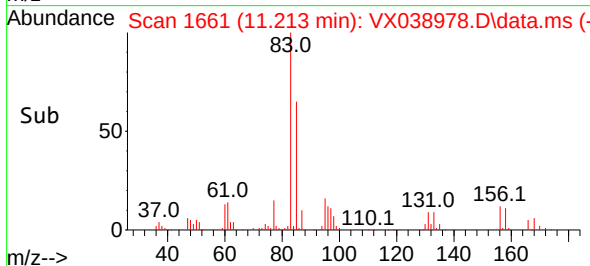
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



Tgt Ion: 83 Resp: 54760
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.9 32.0 96.2

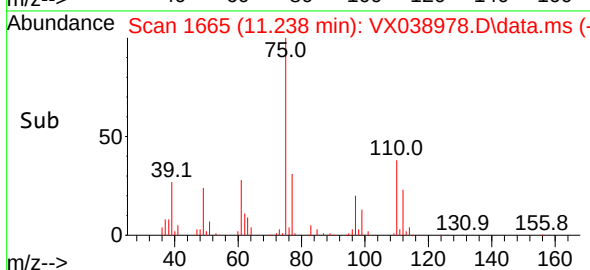
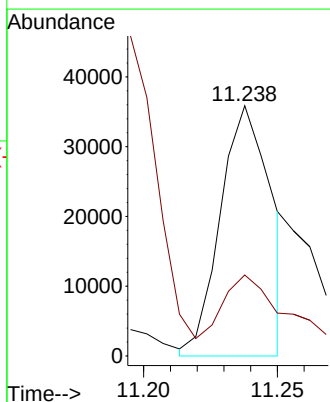
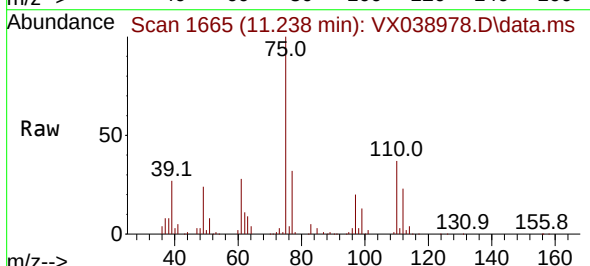
Manual Integrations
APPROVED

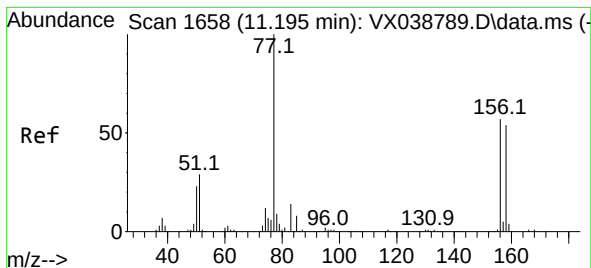
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#76
1,2,3-Trichloropropane
Concen: 19.140 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 75 Resp: 47203
Ion Ratio Lower Upper
75 100
77 43.8 19.1 57.5





#77

Bromobenzene

Concen: 18.845 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

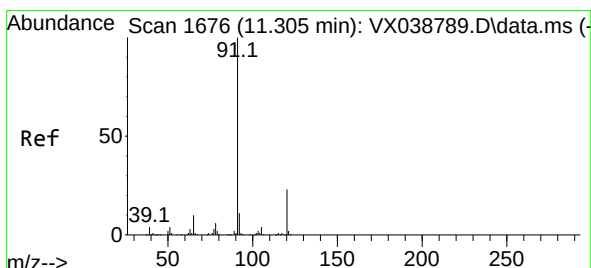
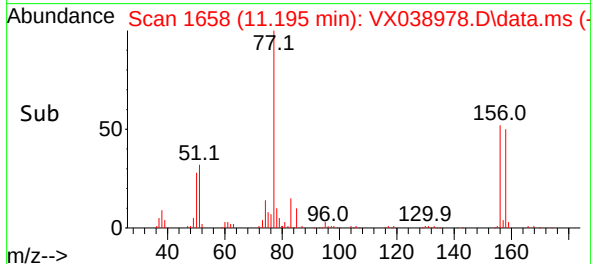
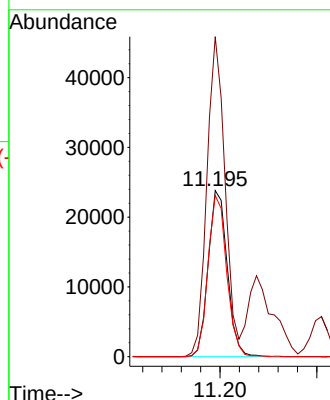
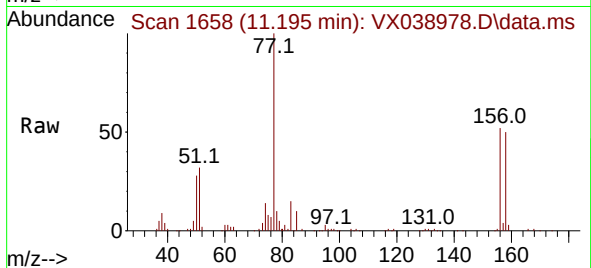
Tgt Ion:	156	Resp:	32610
Ion Ratio	Lower	Upper	
156	100		
77	183.1	88.4	265.3
158	95.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#78

n-propylbenzene

Concen: 18.482 ug/l

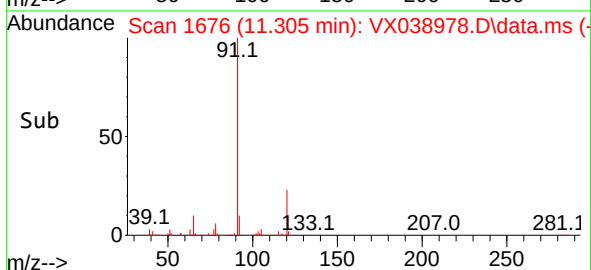
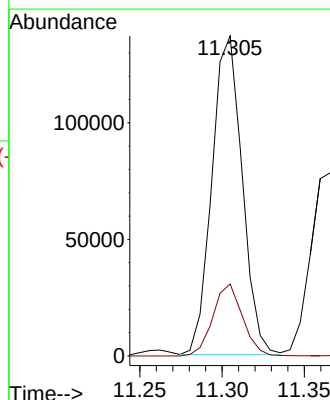
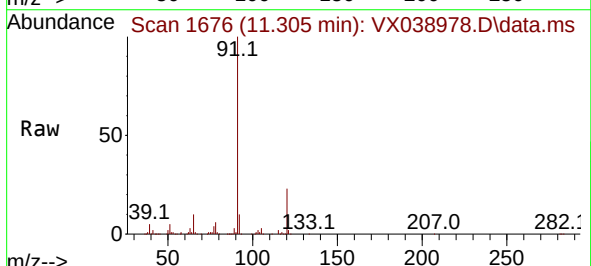
RT: 11.305 min Scan# 1676

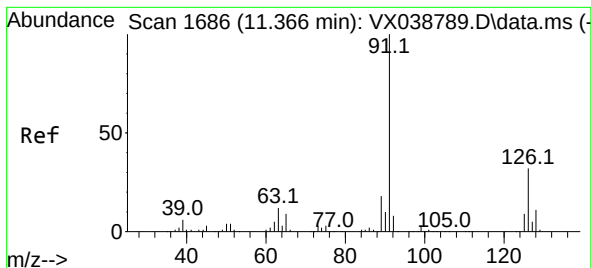
Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Tgt Ion:	91	Resp:	175198
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





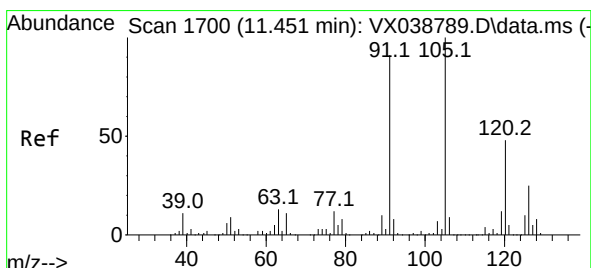
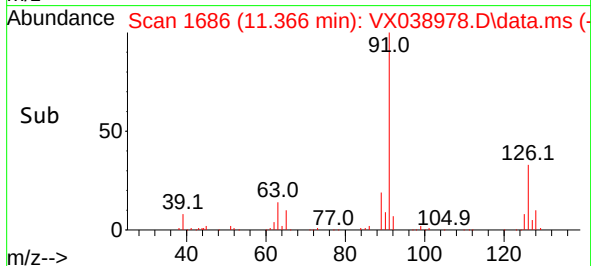
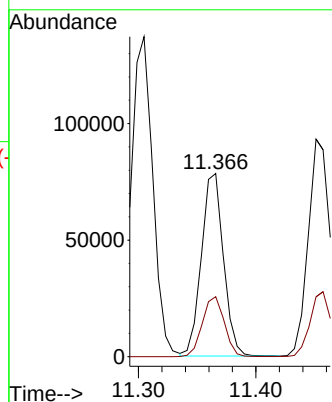
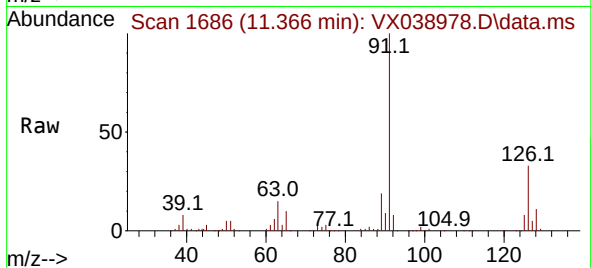
#79
2-Chlorotoluene
Concen: 18.174 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01

Tgt Ion: 91 Resp: 102240
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

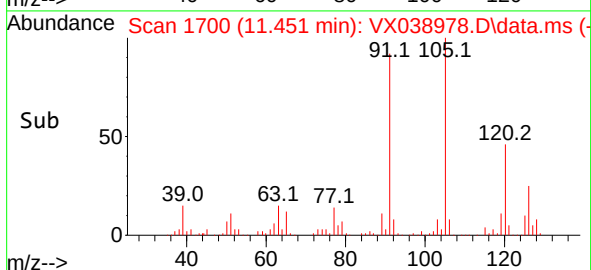
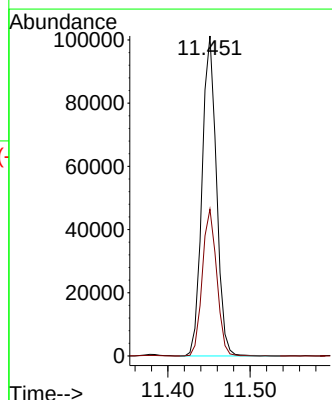
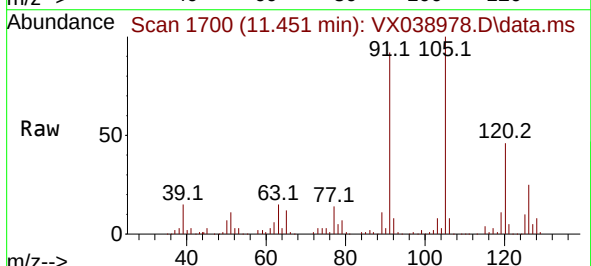
Manual Integrations
APPROVED

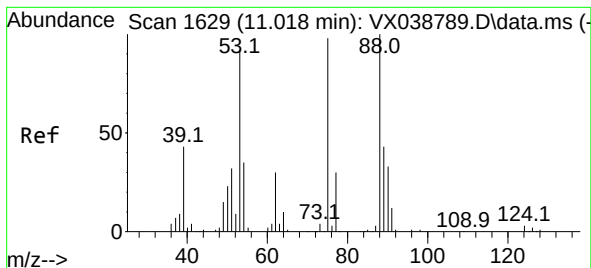
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.089 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

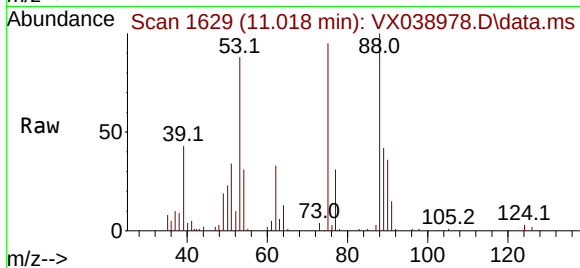
Tgt Ion:105 Resp: 123609
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.992 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

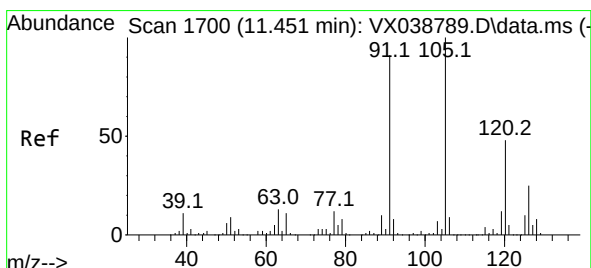
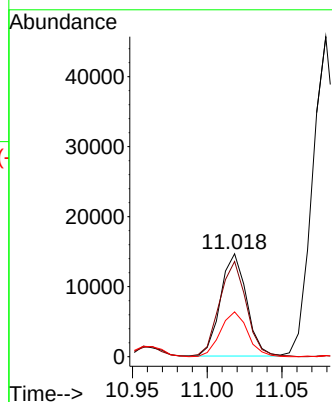
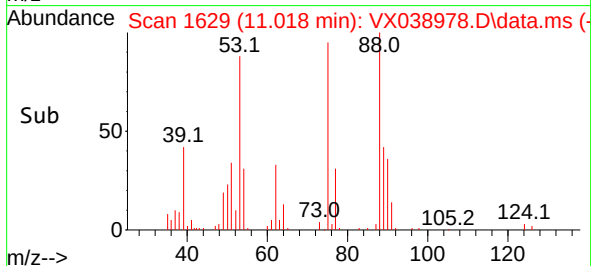
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



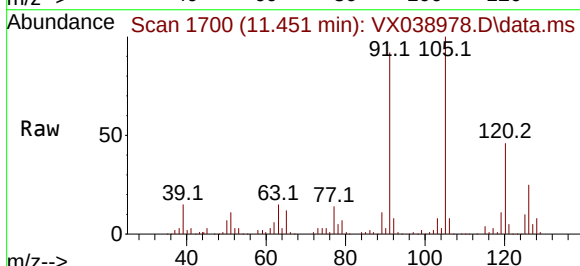
Tgt Ion: 75 Resp: 17780
Ion Ratio Lower Upper
75 100
53 96.4 90.5 135.7
89 45.7 36.9 55.3

Manual Integrations
APPROVED

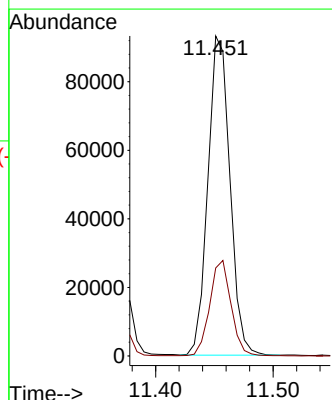
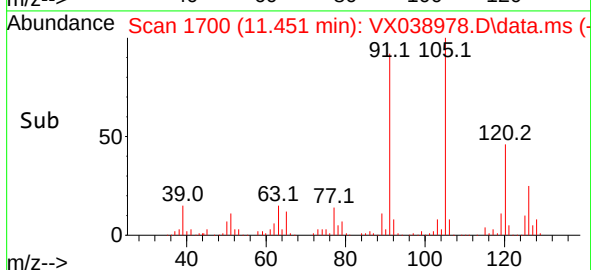
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

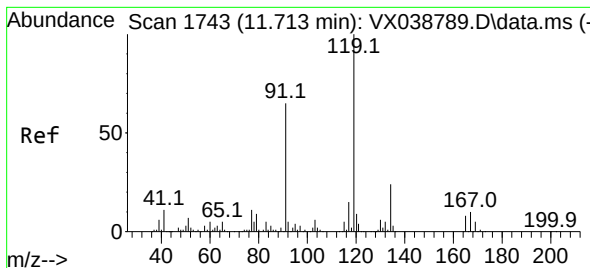


#82
4-Chlorotoluene
Concen: 18.684 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



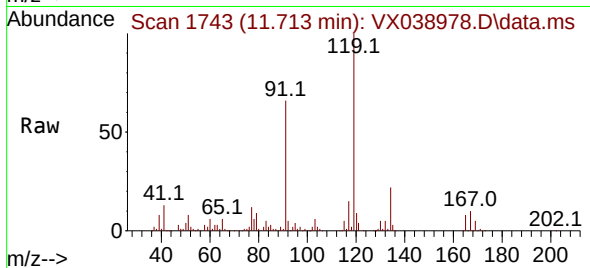
Tgt Ion: 91 Resp: 121199
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.788 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

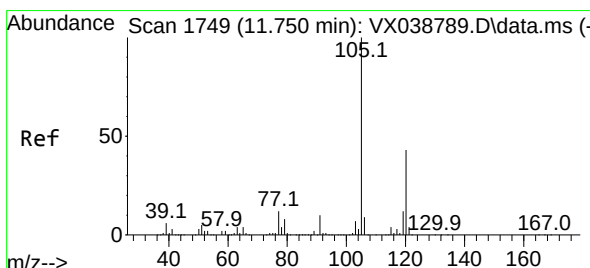
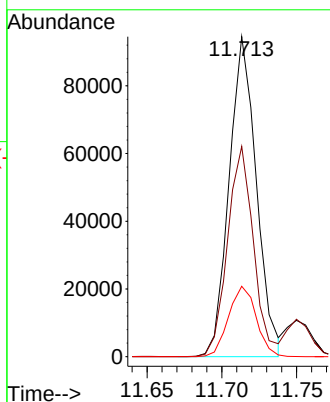
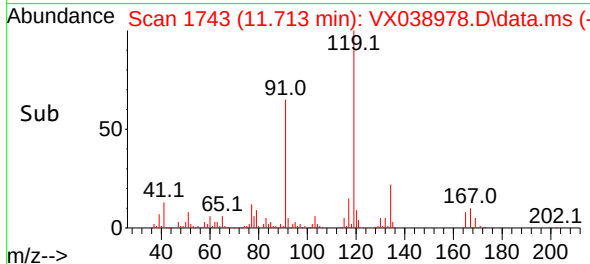
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



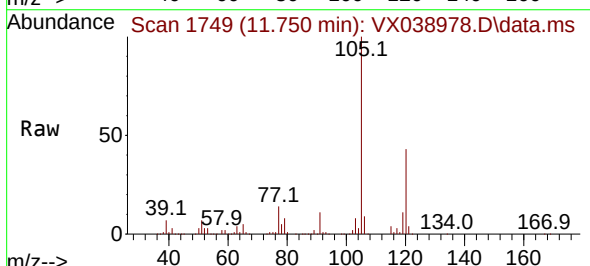
Tgt Ion:119 Resp: 119818
Ion Ratio Lower Upper
119 100
91 62.6 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

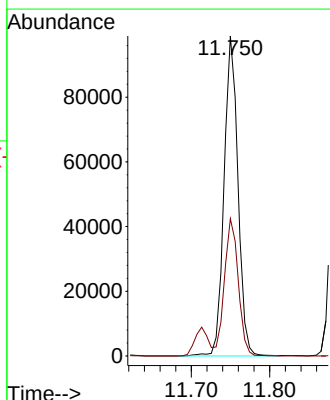
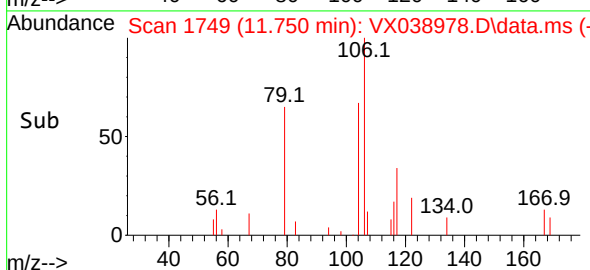
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

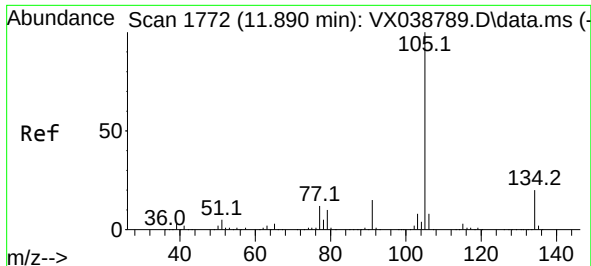


#84
1,2,4-Trimethylbenzene
Concen: 18.635 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



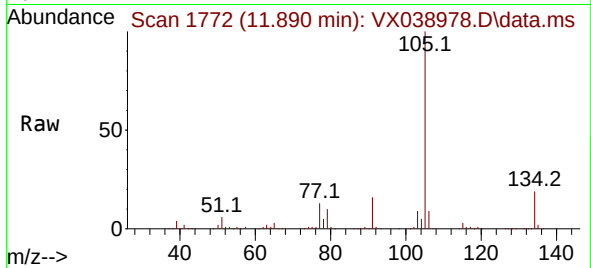
Tgt Ion:105 Resp: 122139
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 18.599 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038978.D
 Acq: 21 Nov 2023 12:43

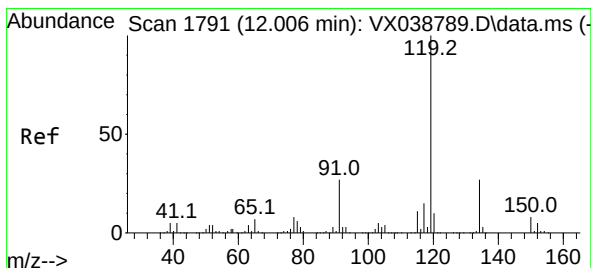
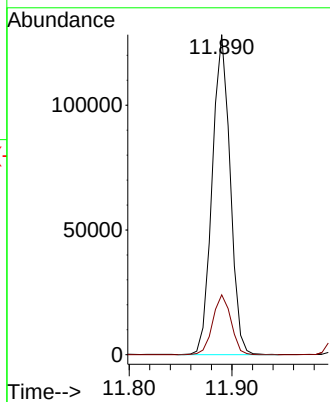
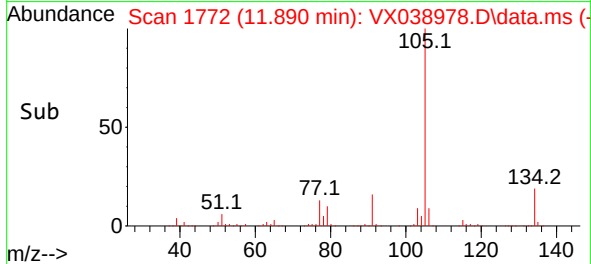
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBSD01



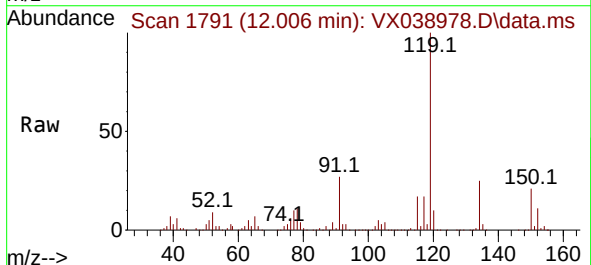
Tgt Ion:105 Resp: 15514
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

Manual Integrations
 APPROVED

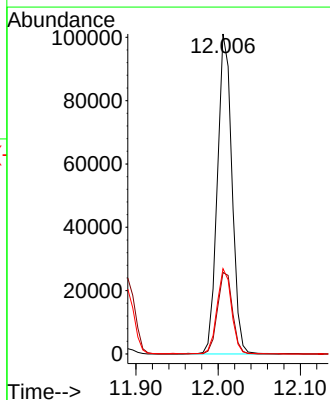
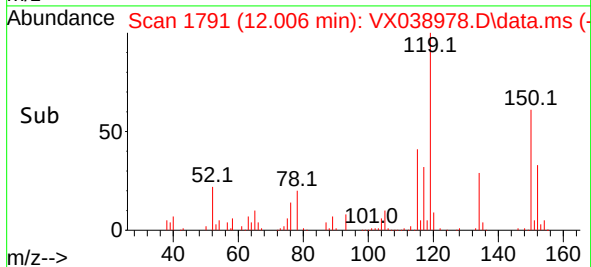
Reviewed By :John Carlone 11/22/2023
 Supervised By :Mahesh Dadoda 11/22/2023

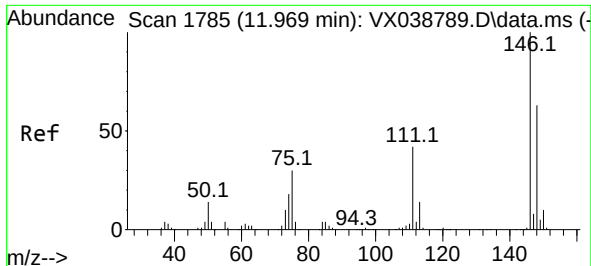


#86
 p-Isopropyltoluene
 Concen: 18.577 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX038978.D
 Acq: 21 Nov 2023 12:43



Tgt Ion:119 Resp: 124397
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.841 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion:146 Resp: 6384

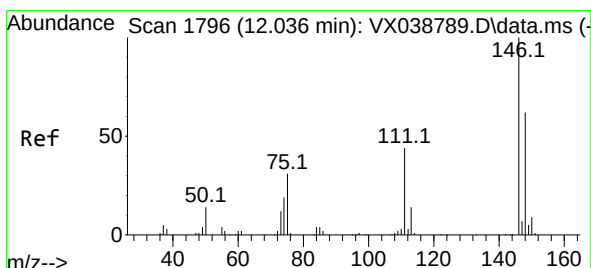
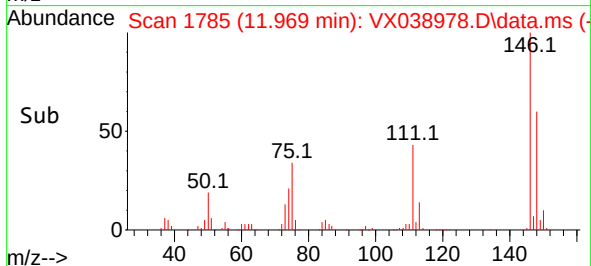
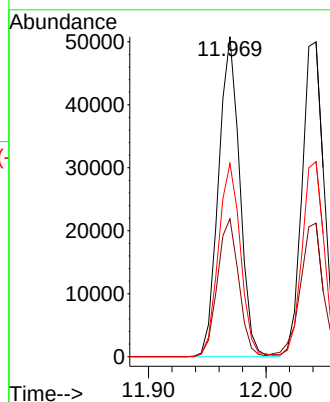
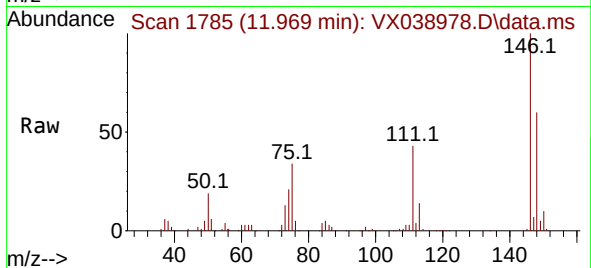
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.1	66.1
148	62.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#88

1,4-Dichlorobenzene

Concen: 18.785 ug/l

RT: 12.043 min Scan# 1797

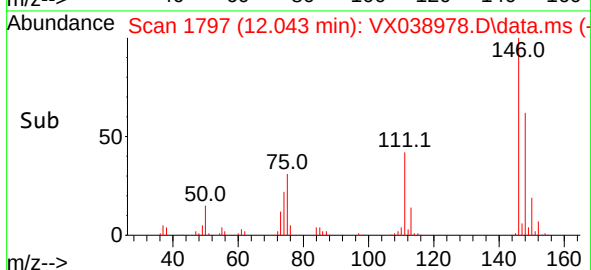
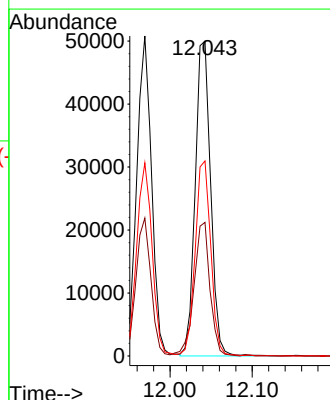
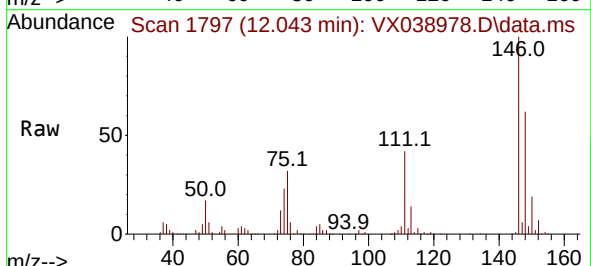
Delta R.T. 0.006 min

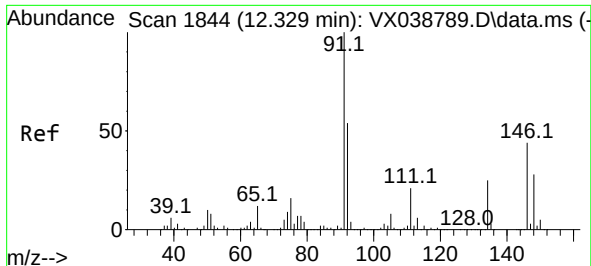
Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Tgt Ion:146 Resp: 65151

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.3	63.7
148	62.7	31.8	95.4





#89

n-Butylbenzene

Concen: 18.001 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

Tgt Ion: 91 Resp: 12162

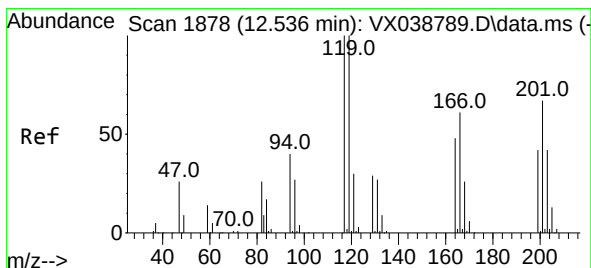
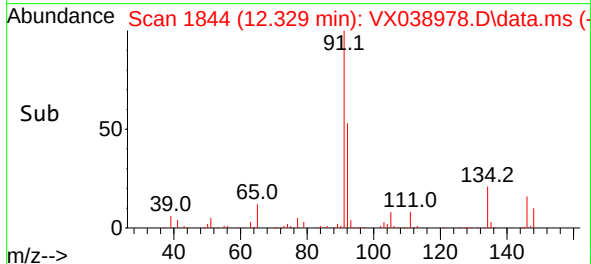
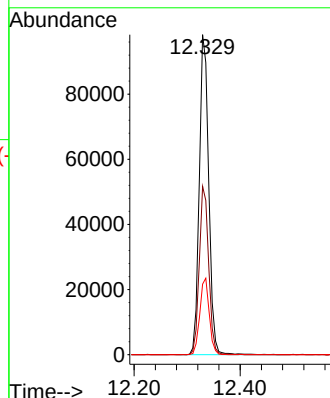
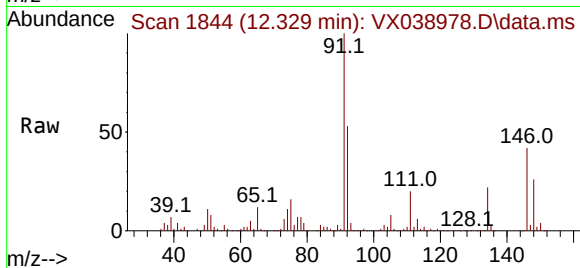
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.4	82.0
134	23.9	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#90

Hexachloroethane

Concen: 17.341 ug/l

RT: 12.536 min Scan# 1878

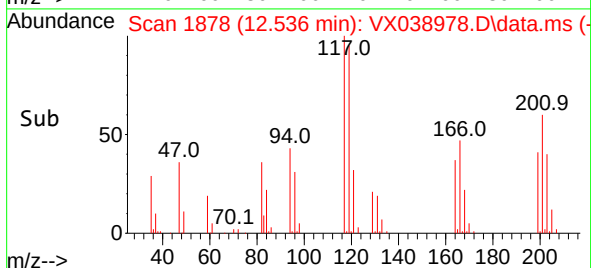
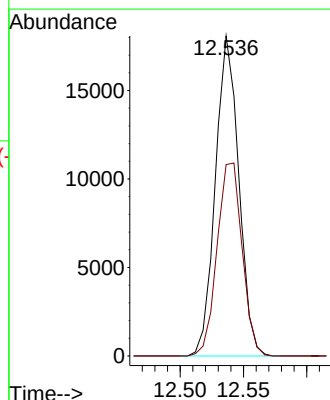
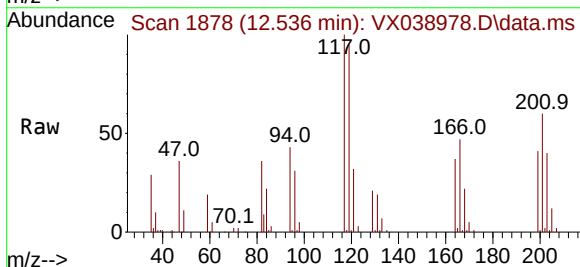
Delta R.T. 0.000 min

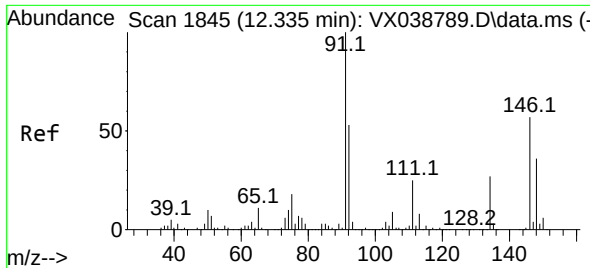
Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Tgt Ion:117 Resp: 23189

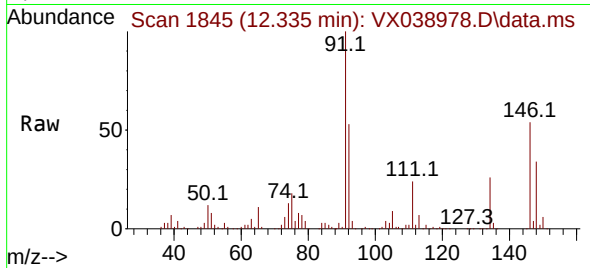
Ion	Ratio	Lower	Upper
117	100		
201	64.8	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 19.325 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

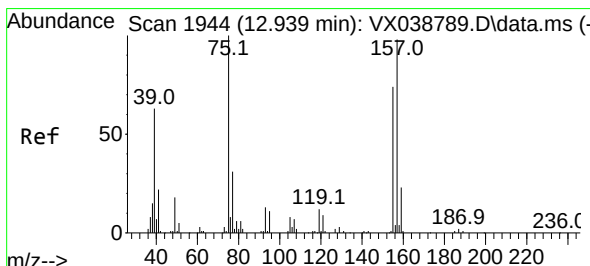
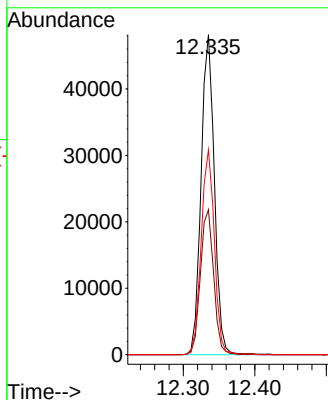
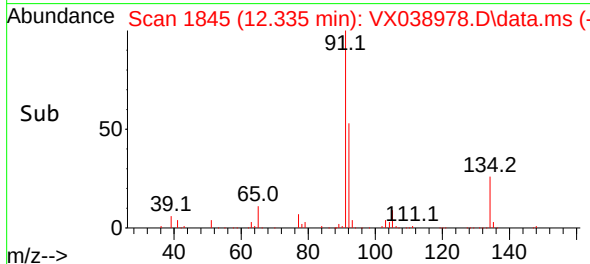
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



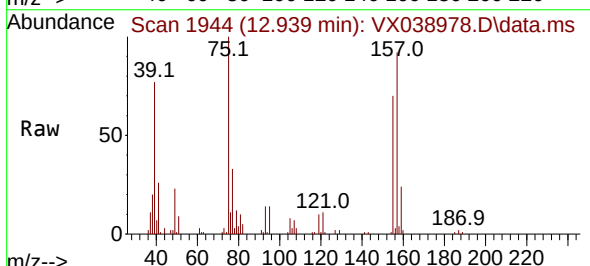
Tgt Ion:146 Resp: 62110
Ion Ratio Lower Upper
146 100
111 45.2 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

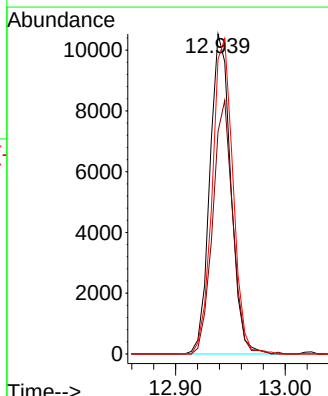
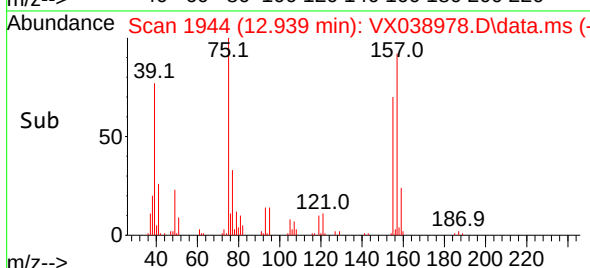
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

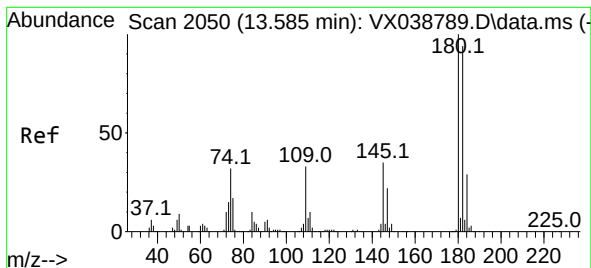


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.896 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



Tgt Ion: 75 Resp: 13918
Ion Ratio Lower Upper
75 100
155 76.4 36.1 108.5
157 98.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.747 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX1121WBSD01

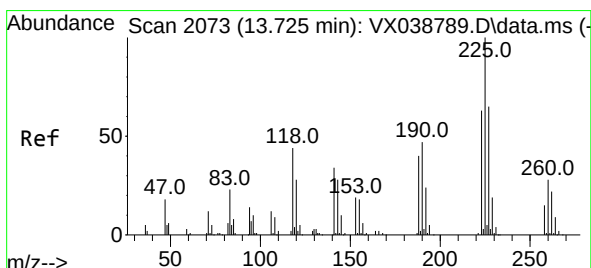
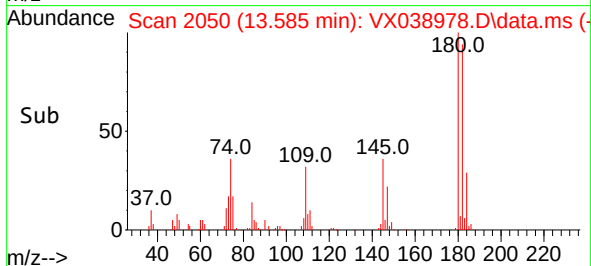
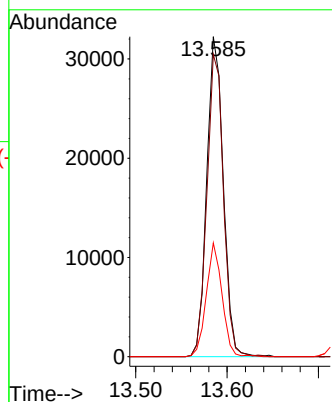
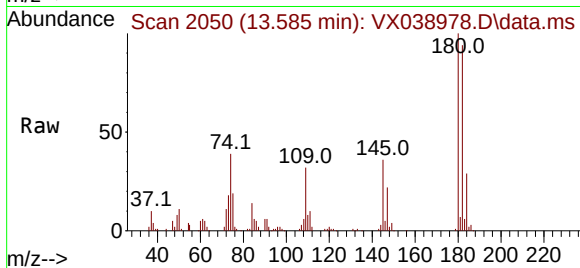
Tgt Ion:180	Resp:	4037
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.3 144.8
145	34.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#94

Hexachlorobutadiene

Concen: 17.828 ug/l

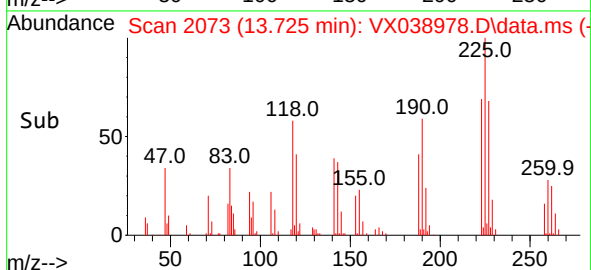
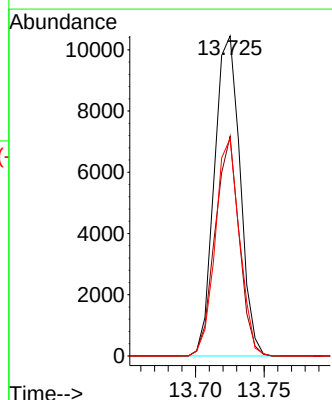
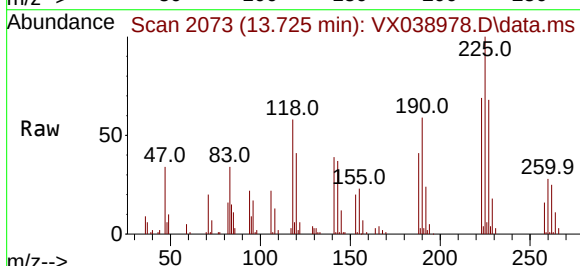
RT: 13.725 min Scan# 2073

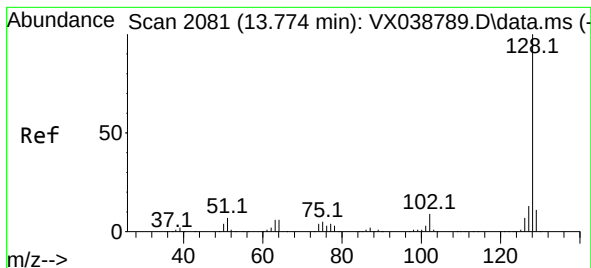
Delta R.T. 0.000 min

Lab File: VX038978.D

Acq: 21 Nov 2023 12:43

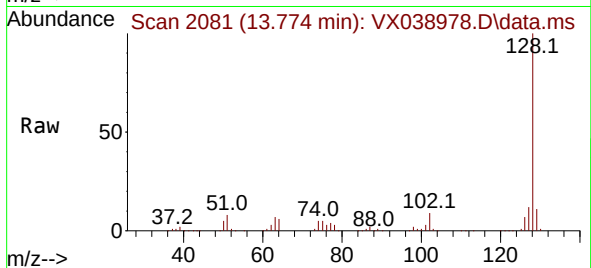
Tgt Ion:225	Resp:	13598
Ion Ratio	Lower	Upper
225	100	
223	64.2	31.1 93.2
227	64.3	32.5 97.5





#95
Naphthalene
Concen: 18.581 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43

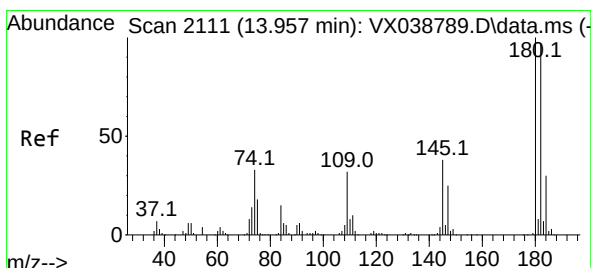
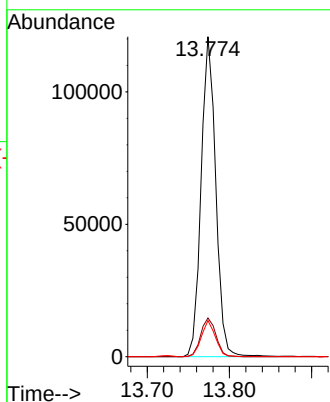
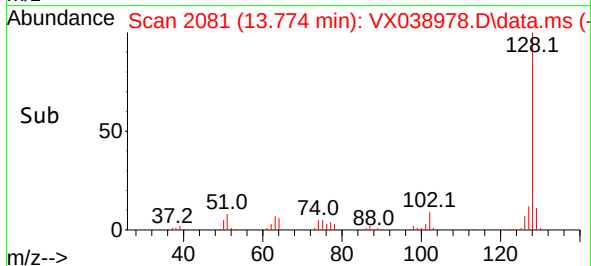
Instrument :
MSVOA_X
ClientSampleId :
VX1121WBSD01



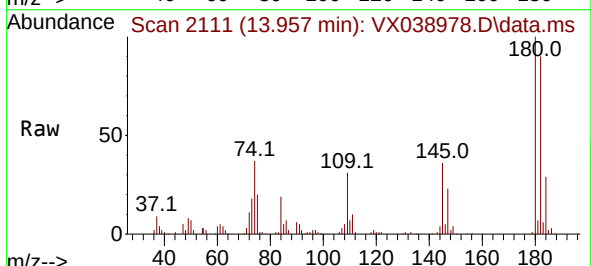
Tgt Ion:128 Resp: 149048
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.562 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX038978.D
Acq: 21 Nov 2023 12:43



Tgt Ion:180 Resp: 39939
Ion Ratio Lower Upper
180 100
182 92.5 46.9 140.6
145 35.3 17.8 53.5

