

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033388.D
 Acq On : 13 Dec 2022 13:35
 Operator : JC/MD
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:36:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41624	47.731	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.460%		
35) Dibromofluoromethane	5.385	113	47472	49.883	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	8.646	98	99813	50.136	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.280%		
62) 4-Bromofluorobenzene	11.079	95	80136	52.644	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18598	19.586	ug/l	100
3) Chloromethane	1.294	50	19355	17.629	ug/l	99
4) Vinyl Chloride	1.373	62	22320	17.805	ug/l	100
5) Bromomethane	1.617	94	15001	16.306	ug/l	96
6) Chloroethane	1.690	64	18406	19.357	ug/l	96
7) Trichlorofluoromethane	1.892	101	41916	17.810	ug/l	96
8) Diethyl Ether	2.135	74	11650	13.705	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	26165	20.958	ug/l	99
10) Methyl Iodide	2.452	142	20573	15.046	ug/l	99
11) Tert butyl alcohol	2.983	59	21086m	79.087	ug/l	
12) 1,1-Dichloroethene	2.324	96	24282	19.704	ug/l	97
13) Acrolein	2.239	56	25387	87.796	ug/l	100
14) Allyl chloride	2.666	41	35156	17.864	ug/l	98
15) Acrylonitrile	3.068	53	59176	89.600	ug/l	98
16) Acetone	2.385	43	58526	90.696	ug/l	98
17) Carbon Disulfide	2.513	76	57470	18.170	ug/l	98
18) Methyl Acetate	2.702	43	34126	18.268	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	80689	18.903	ug/l	99
20) Methylene Chloride	2.794	84	26980	18.747	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	26009	19.294	ug/l	99
22) Diisopropyl ether	3.757	45	80462	19.083	ug/l #	84
23) Vinyl Acetate	3.721	43	306341	93.605	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45840	18.503	ug/l	99
25) 2-Butanone	4.562	43	85024	91.791	ug/l	98
26) 2,2-Dichloropropane	4.476	77	36362	19.959	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	30983	19.231	ug/l	98
28) Bromochloromethane	4.897	49	19129	18.445	ug/l	92
29) Tetrahydrofuran	5.013	42	53406	88.990	ug/l	97
30) Chloroform	5.092	83	53709	19.528	ug/l	95
31) Cyclohexane	5.470	56	40232	19.412	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	48403	20.454	ug/l	98
36) 1,1-Dichloropropene	5.696	75	37711	20.325	ug/l	99
37) Ethyl Acetate	4.714	43	32375	18.459	ug/l	99
38) Carbon Tetrachloride	5.677	117	42950	20.660	ug/l	99
39) Methylcyclohexane	7.385	83	43008	20.709	ug/l	97
40) Benzene	6.043	78	107476	19.867	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18940	19.597	ug/l	96
42) 1,2-Dichloroethane	6.092	62	43387	20.196	ug/l	99
43) Isopropyl Acetate	6.342	43	53610	18.997	ug/l	99
44) Trichloroethene	7.128	130	30722	20.597	ug/l	100
45) 1,2-Dichloropropane	7.433	63	27001	19.516	ug/l	98
46) Dibromomethane	7.580	93	20893	19.823	ug/l	98
47) Bromodichloromethane	7.823	83	42115	20.499	ug/l	97
48) Methyl methacrylate	7.695	41	27851	19.122	ug/l	95
49) 1,4-Dioxane	7.695	88	10361	311.963	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	173836	97.407	ug/l	97
52) Toluene	8.720	92	72734	20.794	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	39242	19.395	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43326	19.818	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	29452	20.031	ug/l	96
56) Ethyl methacrylate	9.116	69	40383	19.507	ug/l	95
57) 1,3-Dichloropropane	9.311	76	47755	20.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	88032	92.937	ug/l	98
59) 2-Hexanone	9.433	43	127682	97.085	ug/l	95
60) Dibromochloromethane	9.518	129	33184	20.484	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31475	20.125	ug/l	100
64) Tetrachloroethene	9.274	164	27112	20.640	ug/l	99
65) Chlorobenzene	10.079	112	79453	20.424	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	30228	20.562	ug/l	99
67) Ethyl Benzene	10.195	91	142432	21.017	ug/l	99
68) m/p-Xylenes	10.305	106	109752	41.624	ug/l	99
69) o-Xylene	10.640	106	54065	20.744	ug/l	96
70) Styrene	10.658	104	88542	20.743	ug/l	98
71) Bromoform	10.799	173	23240	19.972	ug/l #	97
73) Isopropylbenzene	10.963	105	142394	20.595	ug/l	99
74) N-amyl acetate	10.841	43	45171	19.149	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	43241	19.714	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	37811m	19.483	ug/l	
77) Bromobenzene	11.201	156	35401	20.277	ug/l	98
78) n-propylbenzene	11.305	91	161975	20.981	ug/l	99
79) 2-Chlorotoluene	11.365	91	98510	20.648	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	119989	20.849	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8822	14.140	ug/l	94
82) 4-Chlorotoluene	11.457	91	112492	20.277	ug/l	98
83) tert-Butylbenzene	11.713	119	120897	21.066	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	118724	20.666	ug/l	100
85) sec-Butylbenzene	11.890	105	141631	21.152	ug/l	99
86) p-Isopropyltoluene	12.012	119	119753	20.744	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65389	20.676	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	65097	20.151	ug/l	100
89) n-Butylbenzene	12.335	91	97399	20.600	ug/l	99
90) Hexachloroethane	12.542	117	18421	18.773	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	63986	20.237	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8619	18.192	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38382	20.100	ug/l	95
94) Hexachlorobutadiene	13.725	225	16066	21.010	ug/l	100
95) Naphthalene	13.774	128	125792	19.748	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38064	19.681	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

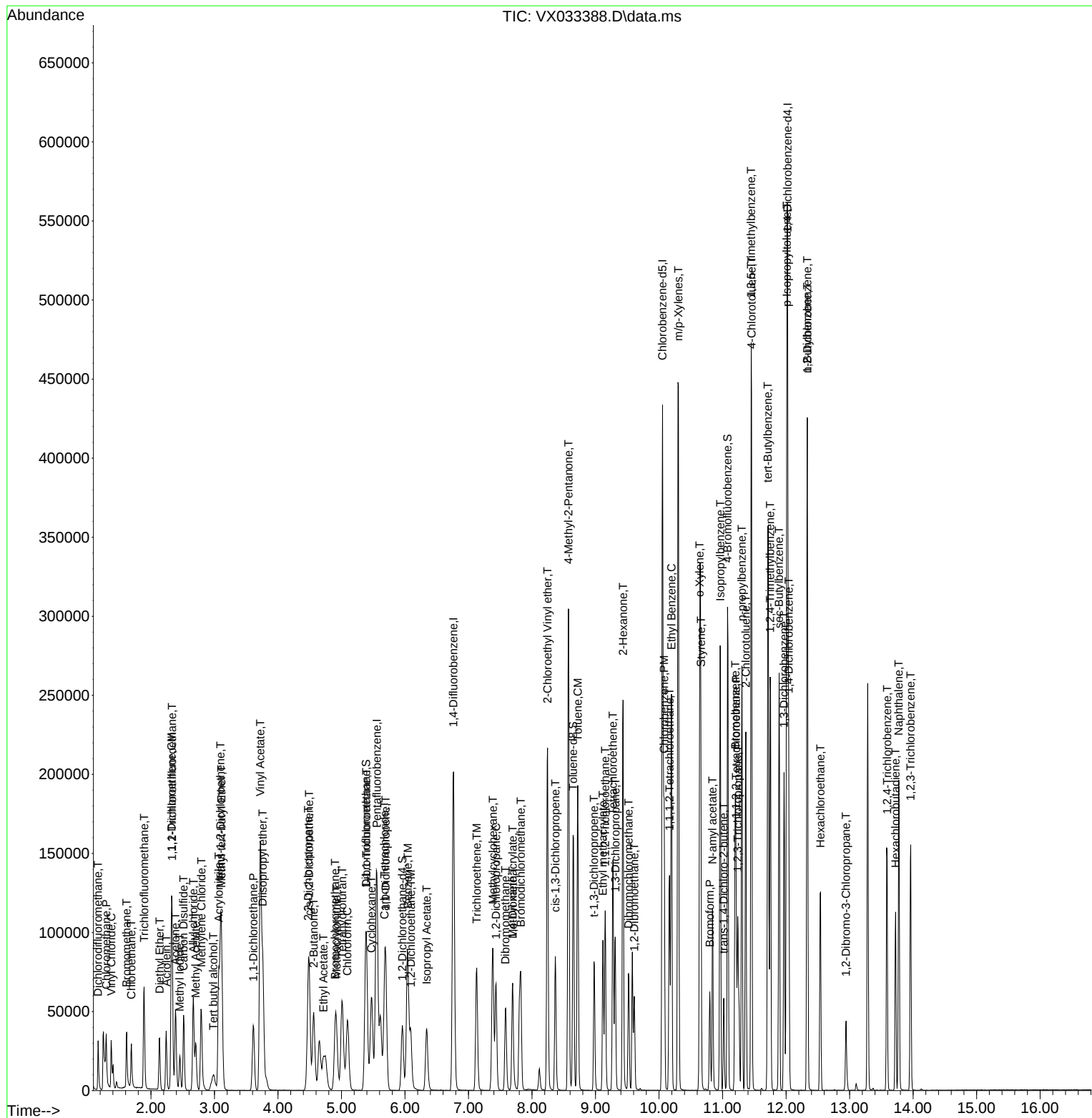
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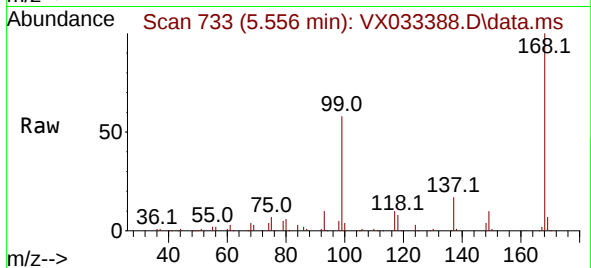
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033388.D
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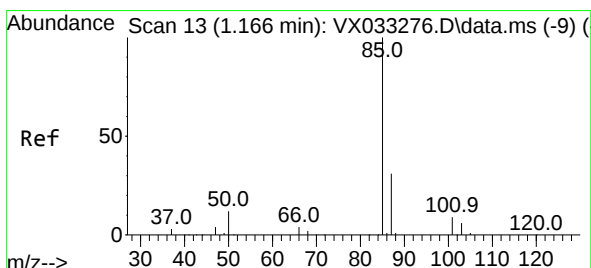
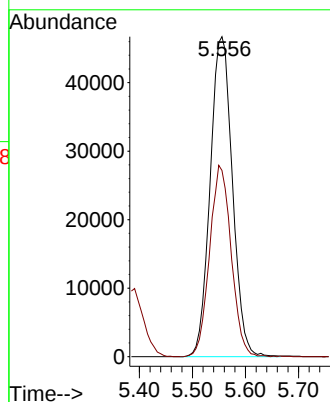
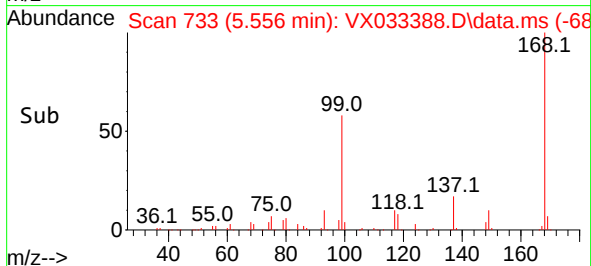
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 13593
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1

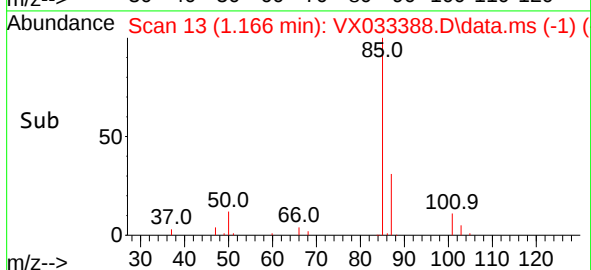
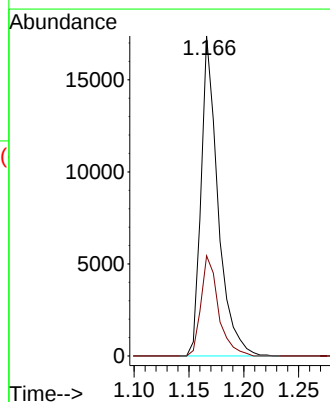
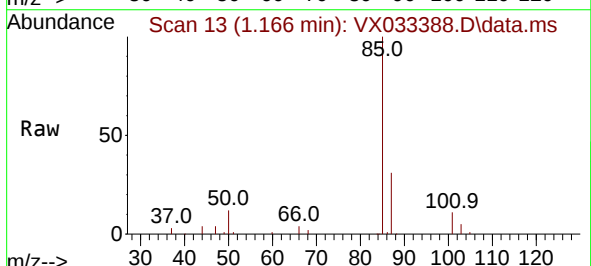
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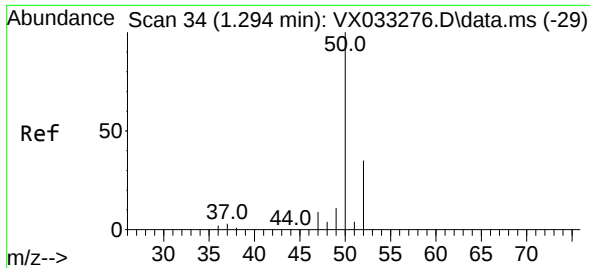
Reviewed By :John Carlone 12/14/2022
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#2
Dichlorodifluoromethane
Concen: 19.586 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 85 Resp: 18598
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.7





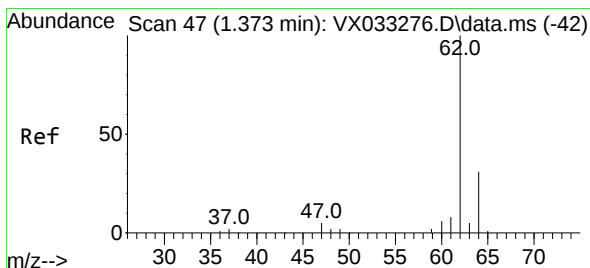
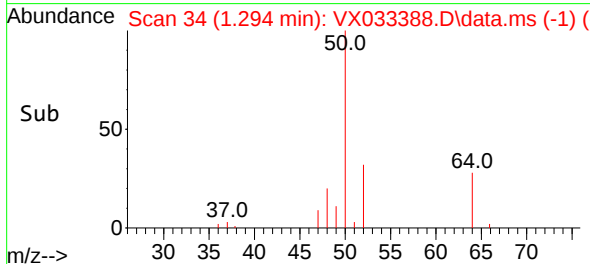
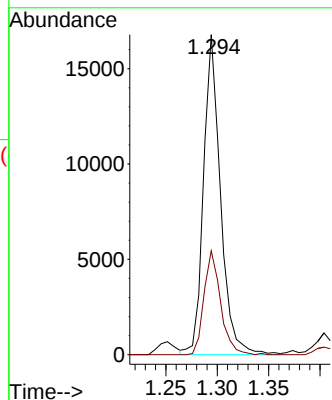
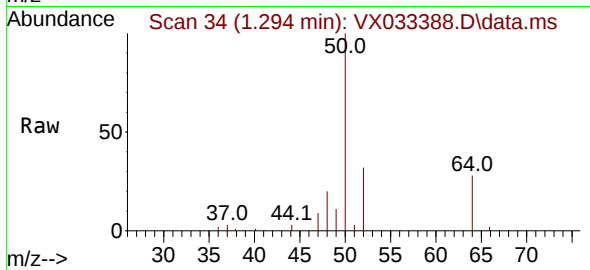
#3
Chloromethane
Concen: 17.629 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 50 Resp: 1935
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

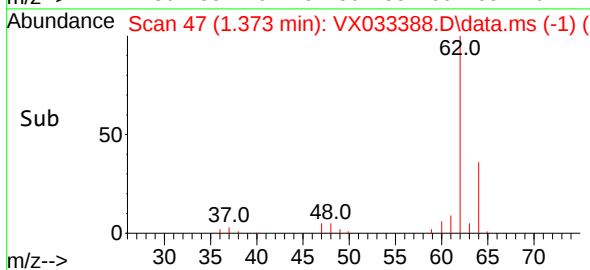
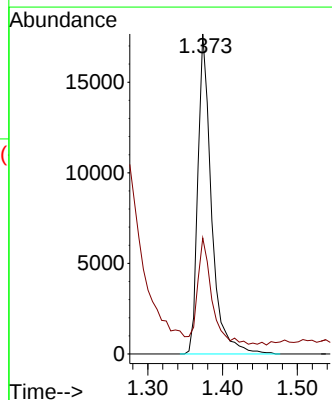
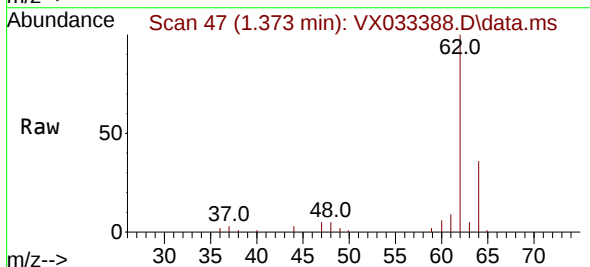
Manual Integrations
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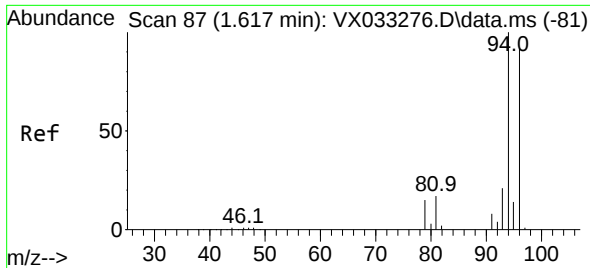
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#4
Vinyl Chloride
Concen: 17.805 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 62 Resp: 22320
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





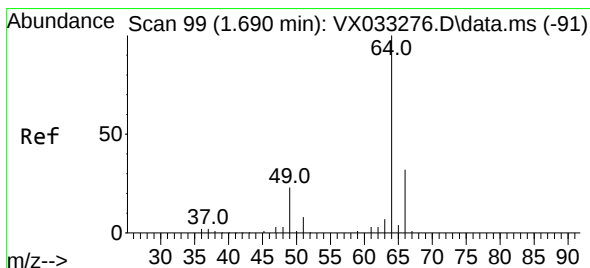
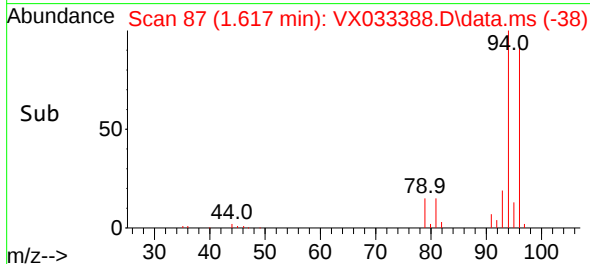
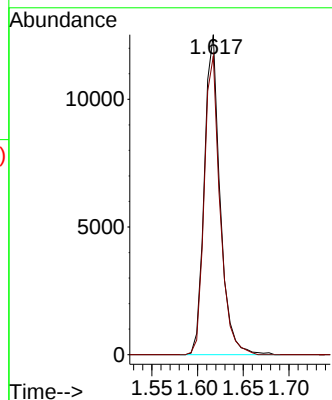
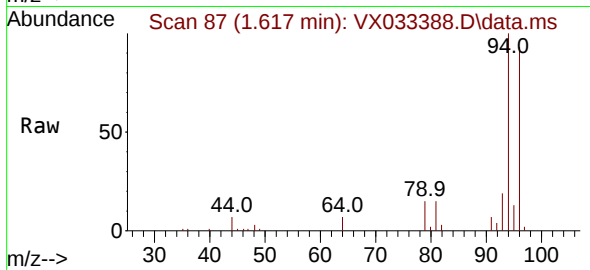
#5
Bromomethane
Concen: 16.306 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
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Tgt Ion: 94 Resp: 1500
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4

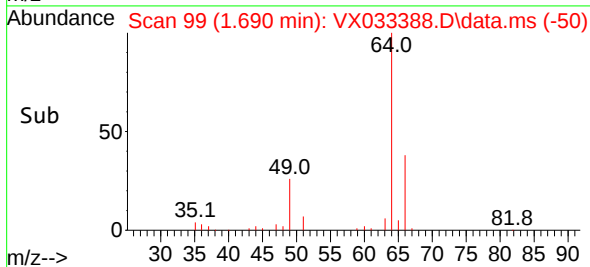
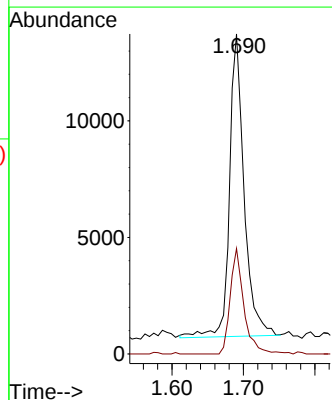
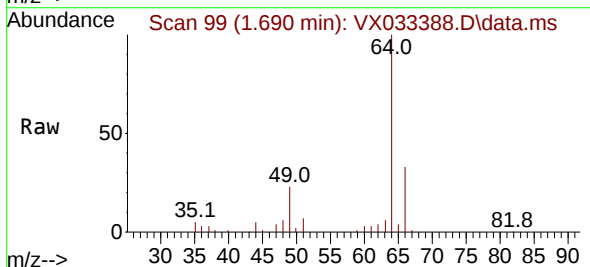
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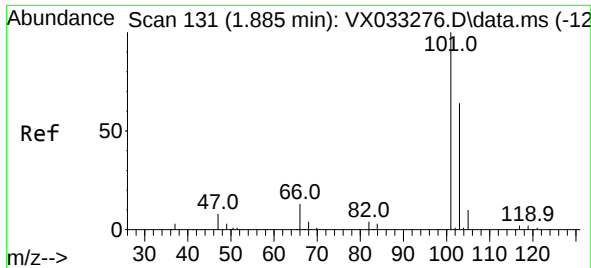
Reviewed By :John Carlone 12/14/2022
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#6
Chloroethane
Concen: 19.357 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033388.D
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Tgt Ion: 64 Resp: 18406
Ion Ratio Lower Upper
64 100
66 35.0 26.0 39.0





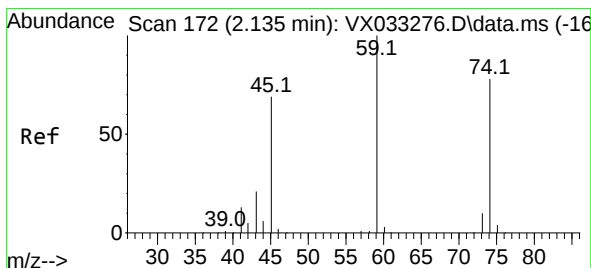
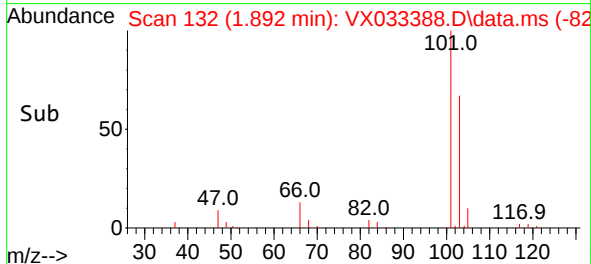
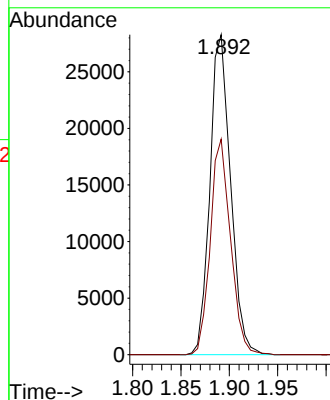
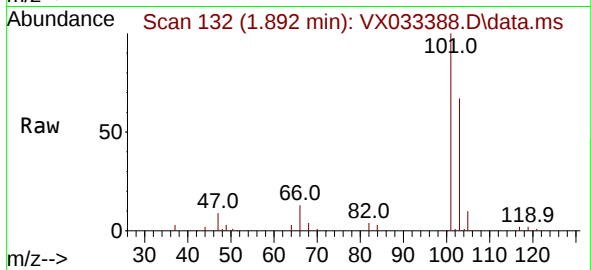
#7
Trichlorofluoromethane
Concen: 17.810 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 41910
Ion Ratio Lower Upper
101 100
103 67.3 51.4 77.2

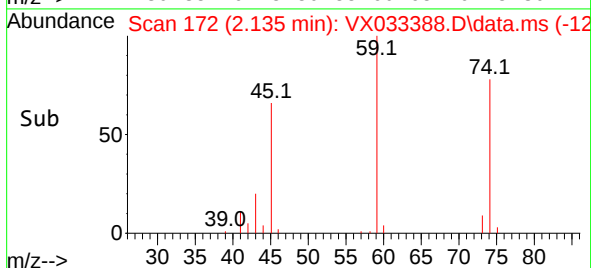
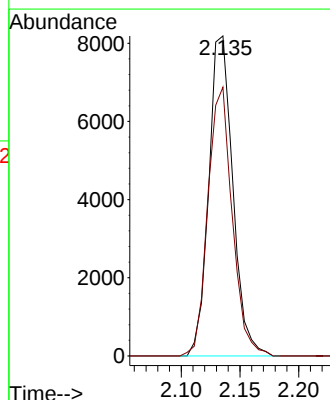
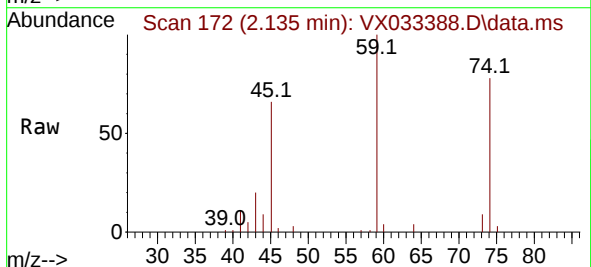
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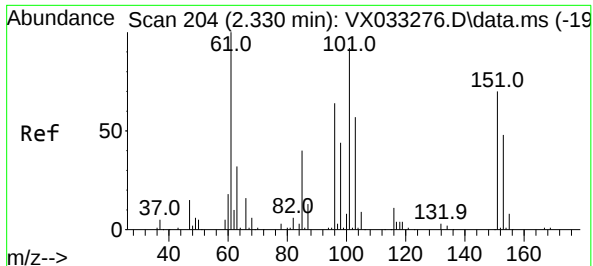
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#8
Diethyl Ether
Concen: 13.705 ug/l
RT: 2.135 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 74 Resp: 11650
Ion Ratio Lower Upper
74 100
45 85.1 46.6 139.7





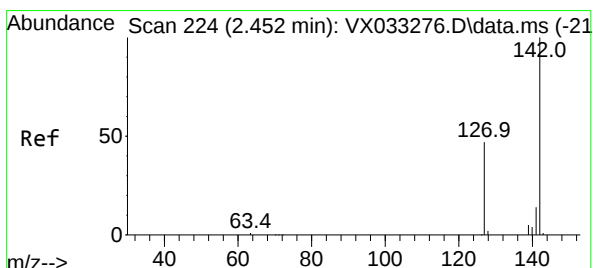
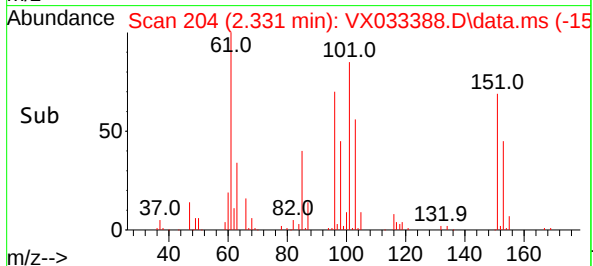
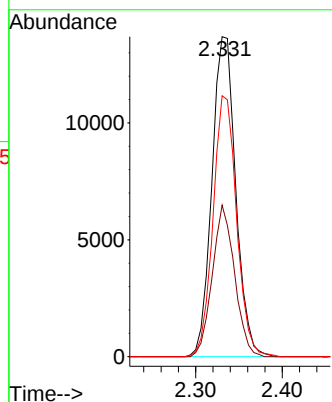
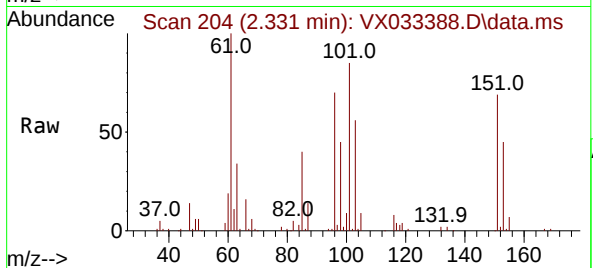
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.958 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion:101 Resp: 2616
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.4
151 80.6 64.4 96.6

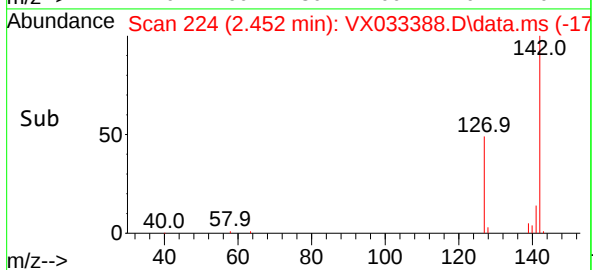
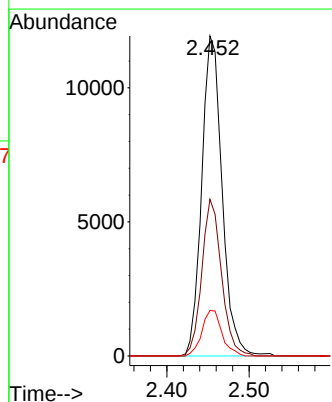
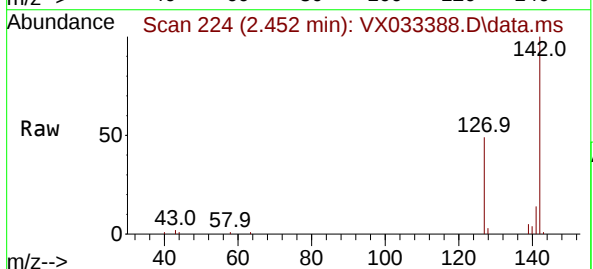
Manual Integrations
APPROVED

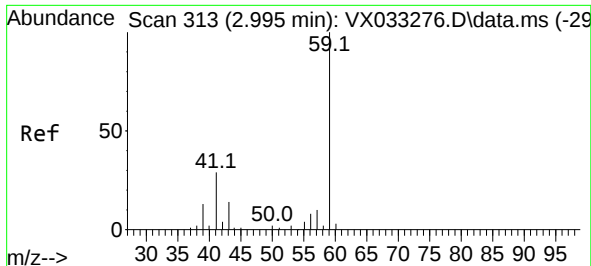
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 15.046 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion:142 Resp: 20573
Ion Ratio Lower Upper
142 100
127 47.2 38.6 57.8
141 14.0 11.4 17.2





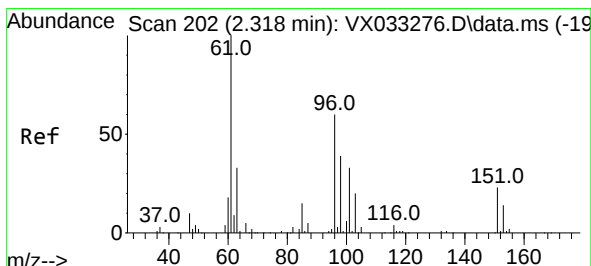
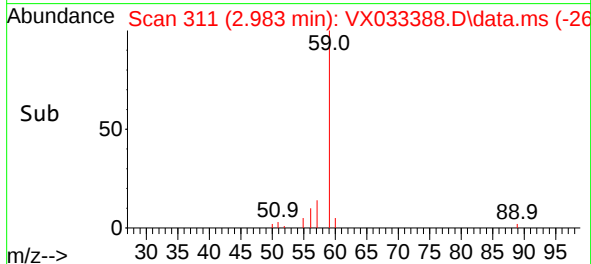
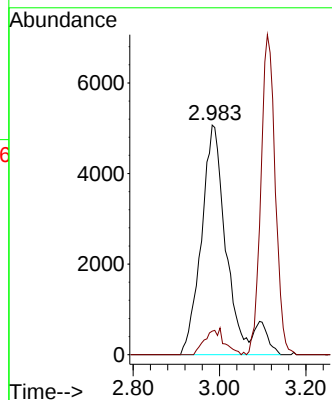
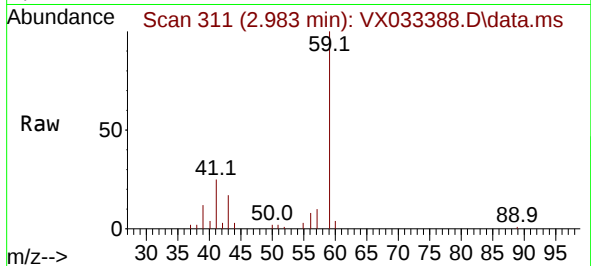
#11
Tert butyl alcohol
Concen: 79.087 ug/l m
RT: 2.983 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 59 Resp: 2108
Ion Ratio Lower Upper
59 100
57 8.5 8.2 12.4

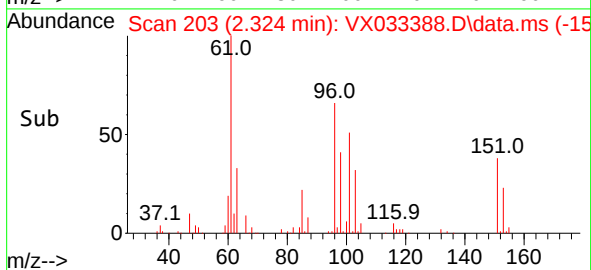
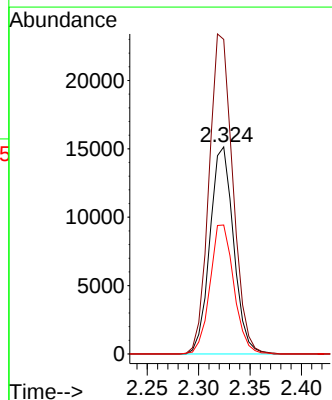
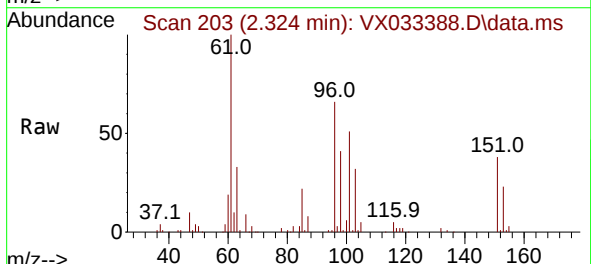
Manual Integrations
APPROVED

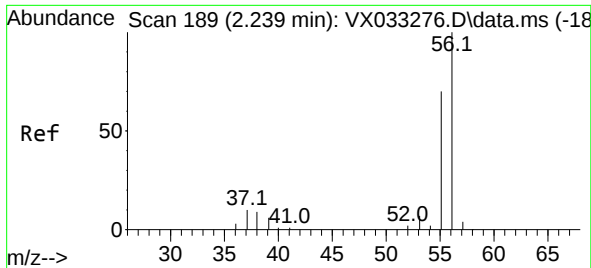
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#12
1,1-Dichloroethene
Concen: 19.704 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

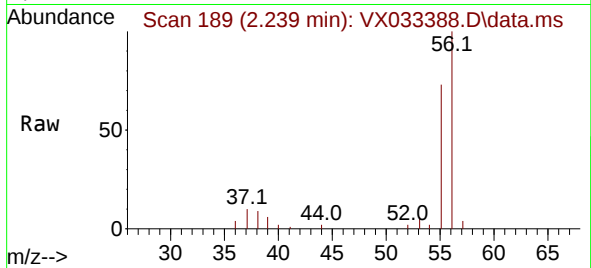
Tgt Ion: 96 Resp: 24282
Ion Ratio Lower Upper
96 100
61 152.0 125.1 187.7
98 62.3 50.6 76.0





#13
Acrolein
Concen: 87.796 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

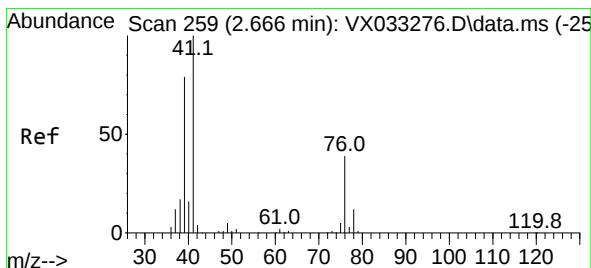
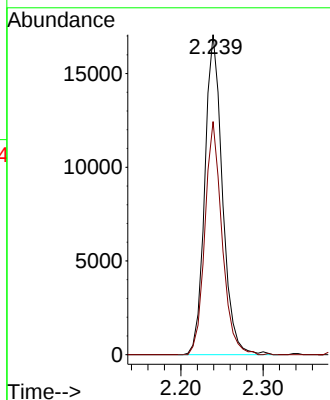
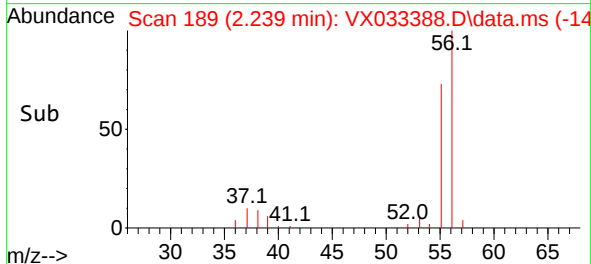
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion: 56 Resp: 2538
Ion Ratio Lower Upper
56 100
55 70.8 56.9 85.3

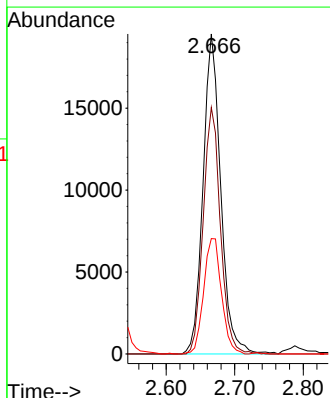
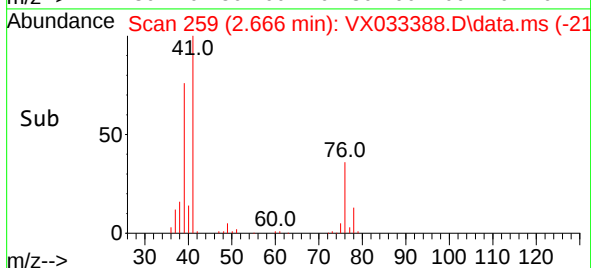
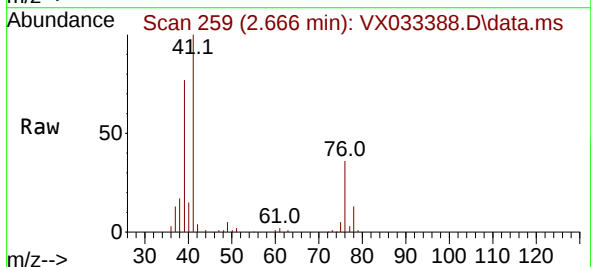
Manual Integrations
APPROVED

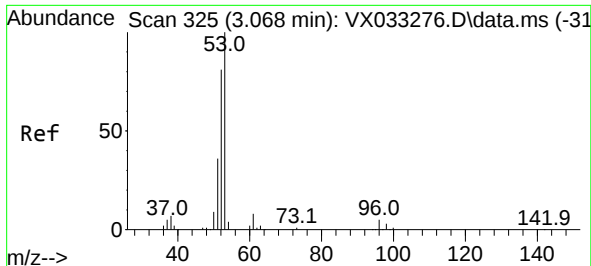
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#14
Allyl chloride
Concen: 17.864 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

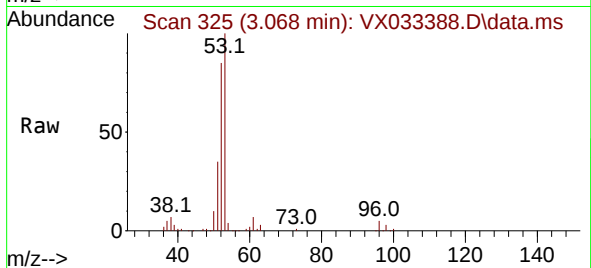
Tgt Ion: 41 Resp: 35156
Ion Ratio Lower Upper
41 100
39 74.6 61.4 92.2
76 36.3 29.2 43.8





#15
Acrylonitrile
Concen: 89.600 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

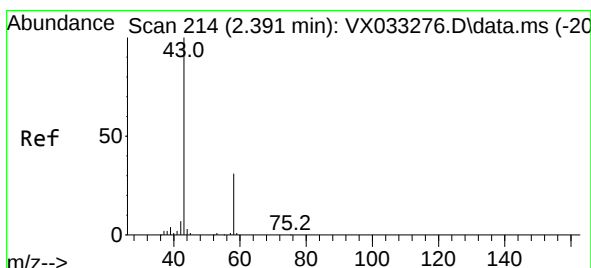
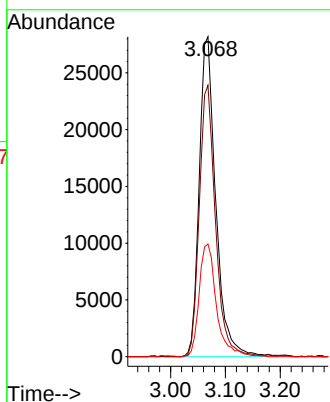
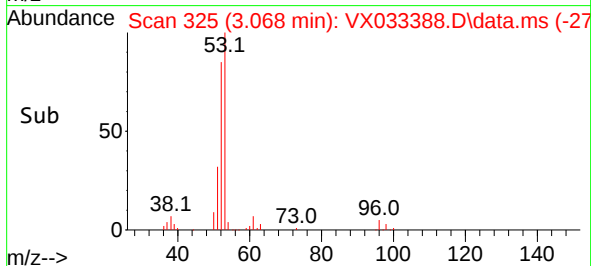
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion: 53 Resp: 59170
Ion Ratio Lower Upper
53 100
52 82.8 67.4 101.0
51 36.8 30.3 45.5

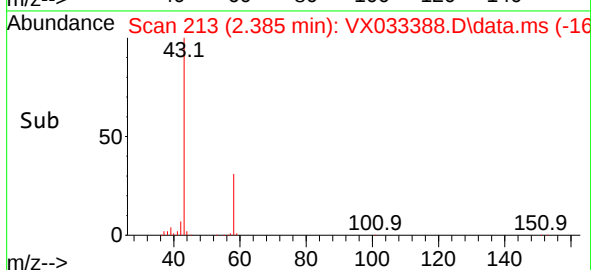
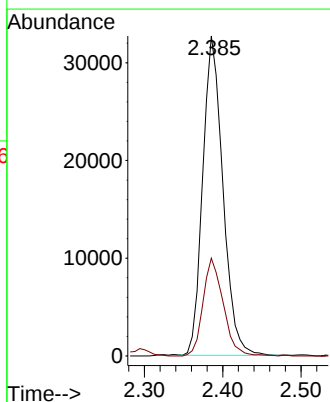
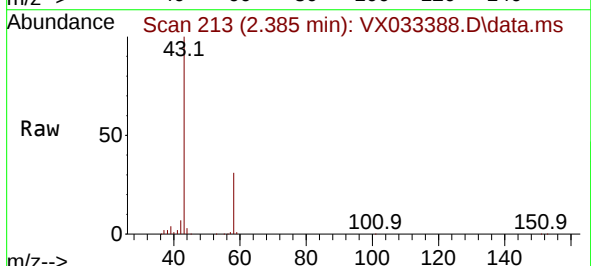
Manual Integrations
APPROVED

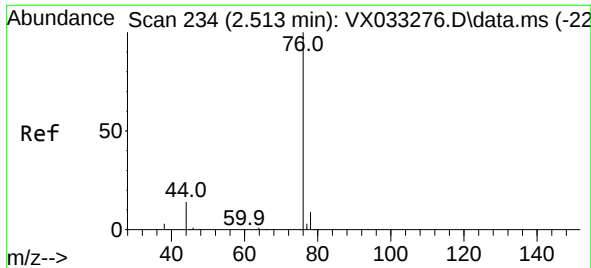
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 90.696 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 43 Resp: 58526
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8





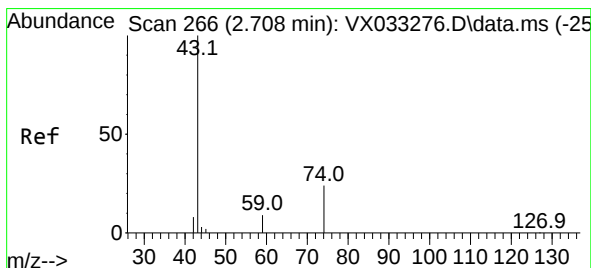
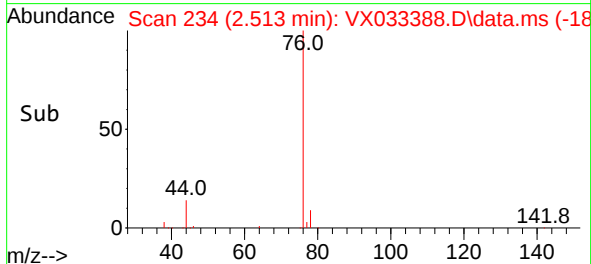
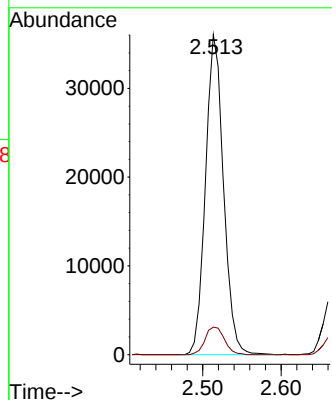
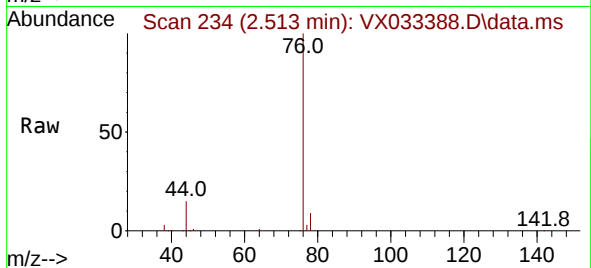
#17
Carbon Disulfide
Concen: 18.170 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 76 Resp: 57470
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

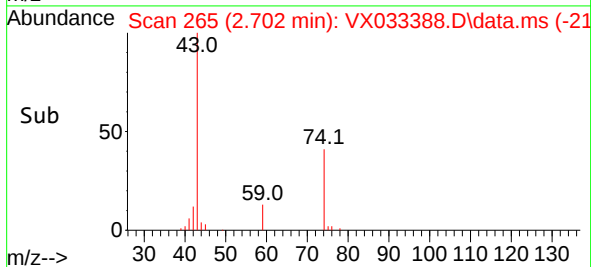
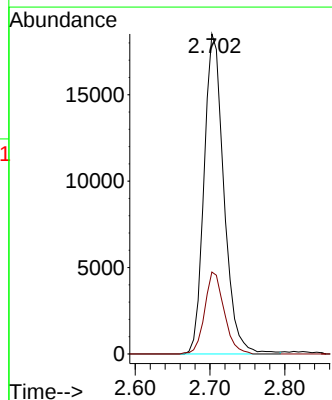
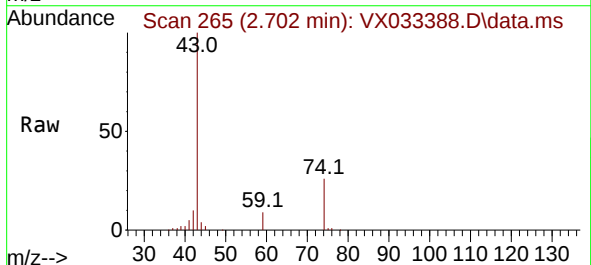
Manual Integrations
APPROVED

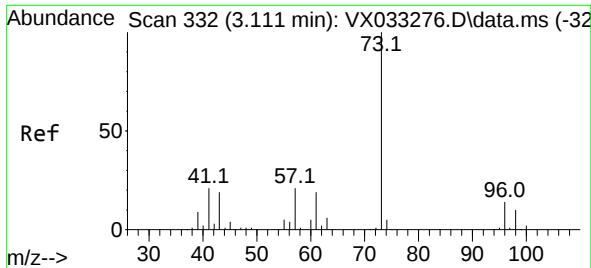
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#18
Methyl Acetate
Concen: 18.268 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 43 Resp: 34126
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0





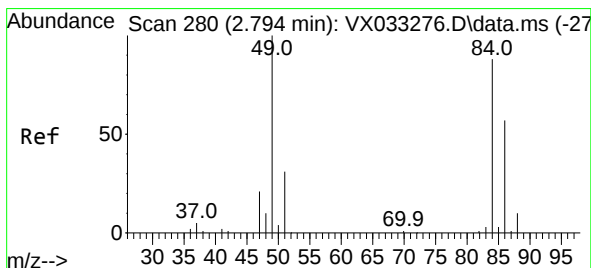
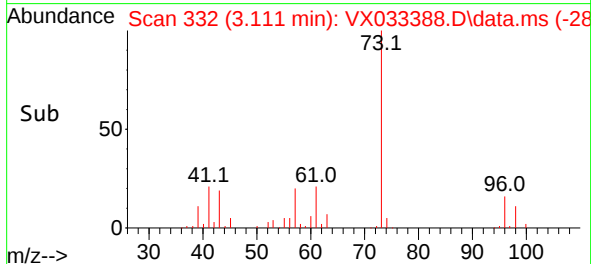
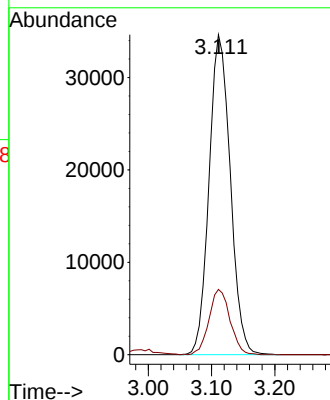
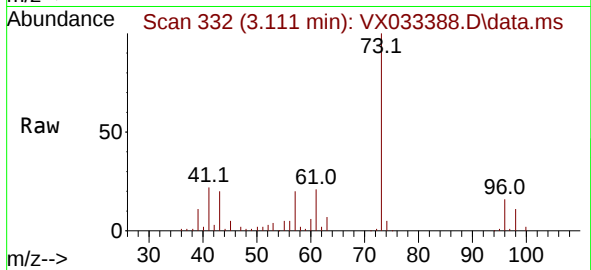
#19
Methyl tert-butyl Ether
Concen: 18.903 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 73 Resp: 80689
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

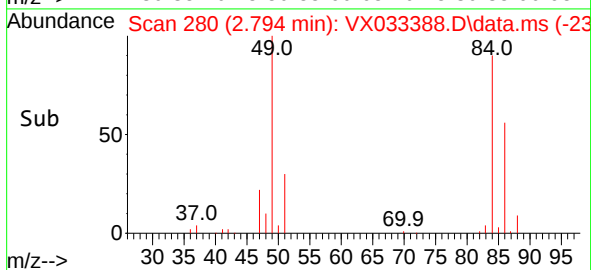
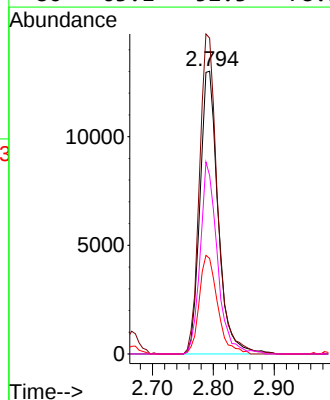
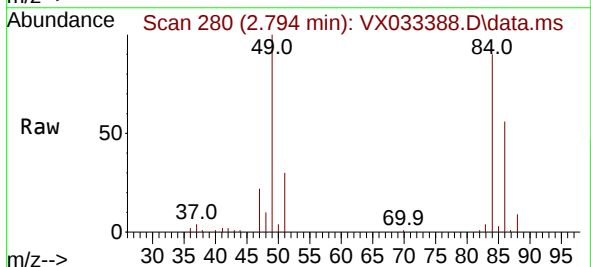
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 18.747 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

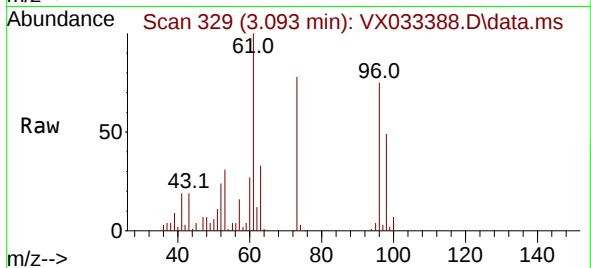
Tgt Ion: 84 Resp: 26980
Ion Ratio Lower Upper
84 100
49 111.7 101.0 151.6
51 33.8 31.1 46.7
86 63.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 19.294 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

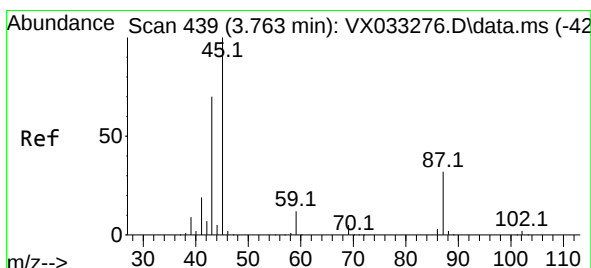
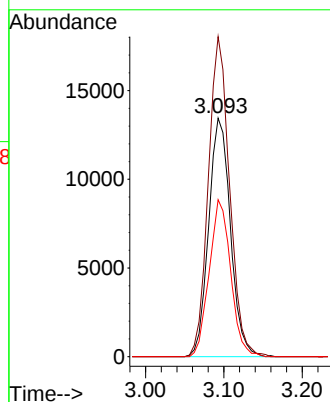
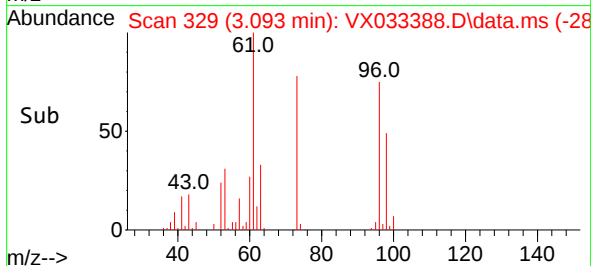
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion: 96 Resp: 26009
Ion Ratio Lower Upper
96 100
61 134.1 106.6 160.0
98 65.8 51.0 76.6

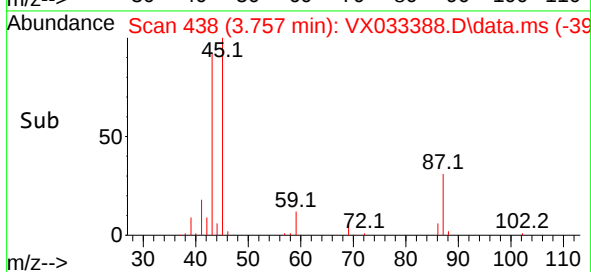
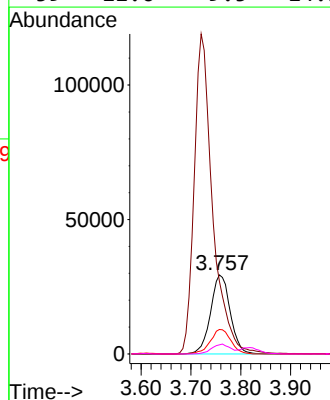
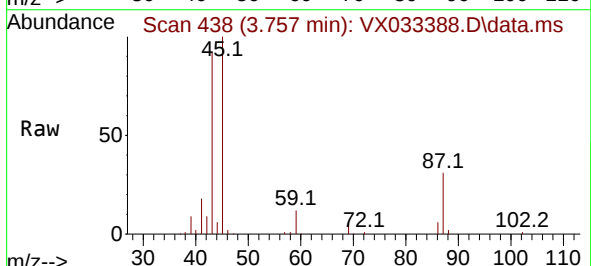
Manual Integrations
APPROVED

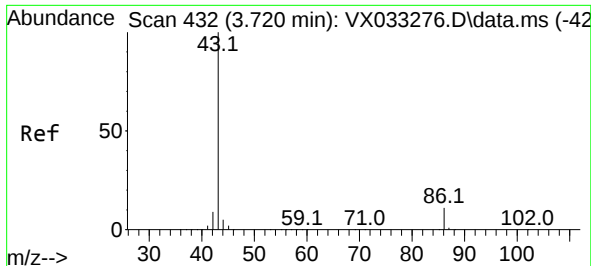
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#22
Diisopropyl ether
Concen: 19.083 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 45 Resp: 80462
Ion Ratio Lower Upper
45 100
43 91.0 56.4 84.6#
87 31.0 24.4 36.6
59 11.6 9.5 14.3





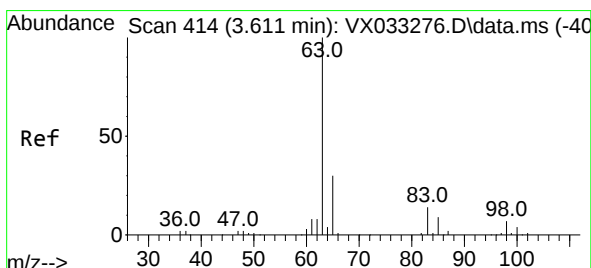
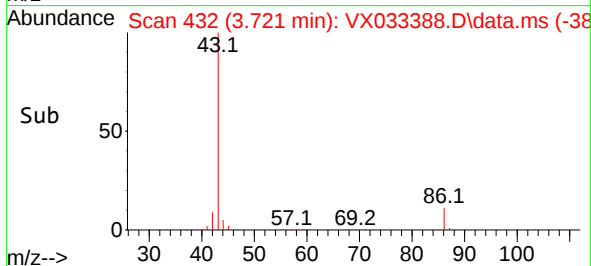
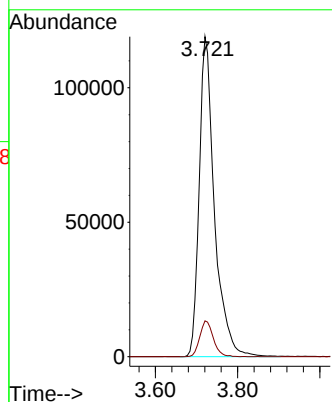
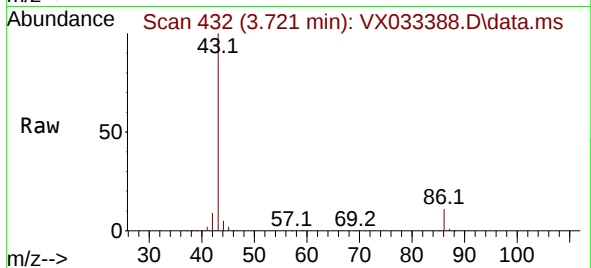
#23
 Vinyl Acetate
 Concen: 93.605 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033388.D
 Acq: 13 Dec 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tgt Ion: 43 Resp: 30634
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

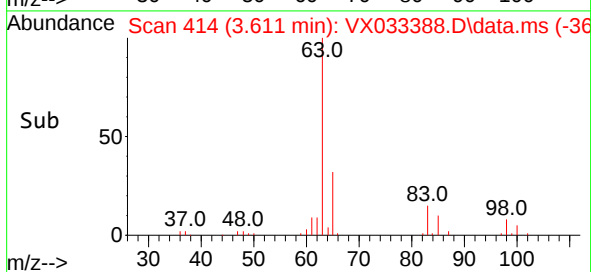
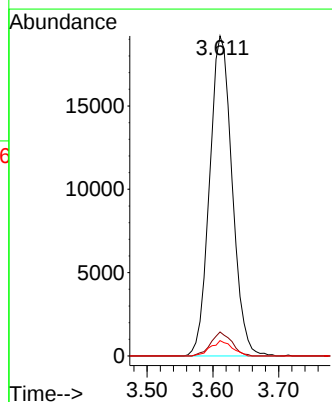
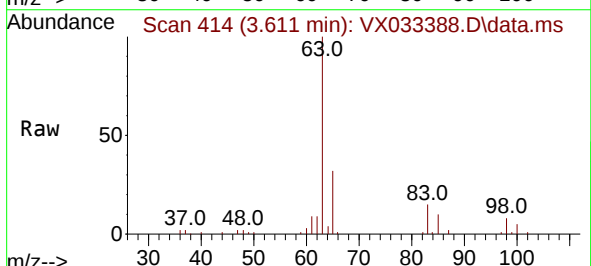
Manual Integrations
 APPROVED

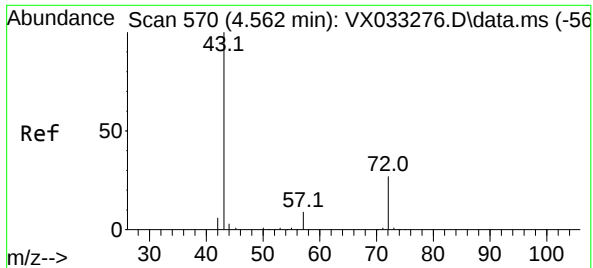
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 18.503 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033388.D
 Acq: 13 Dec 2022 13:35

Tgt Ion: 63 Resp: 45840
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.8 2.3 6.8





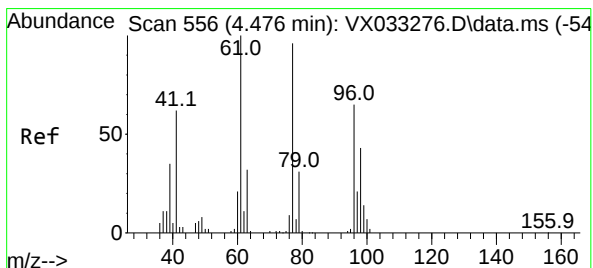
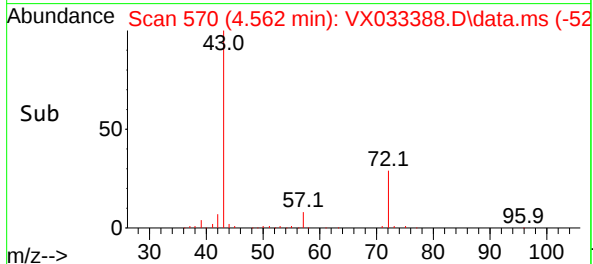
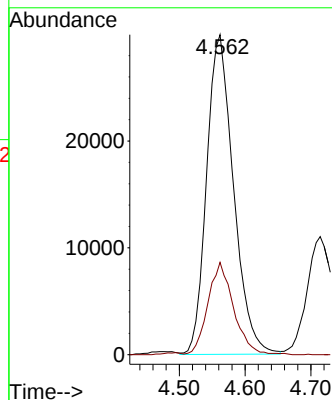
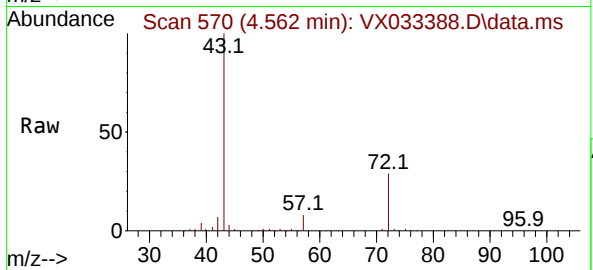
#25
2-Butanone
Concen: 91.791 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 43 Resp: 85024
Ion Ratio Lower Upper
43 100
72 28.7 22.2 33.2

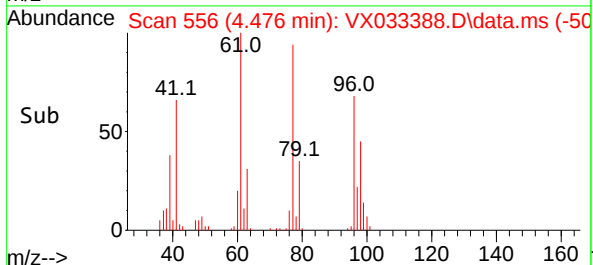
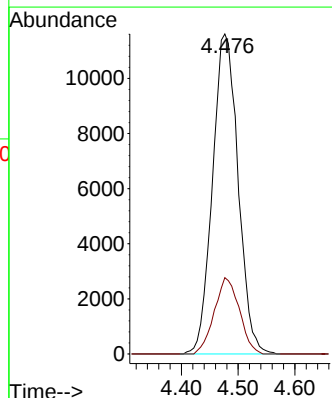
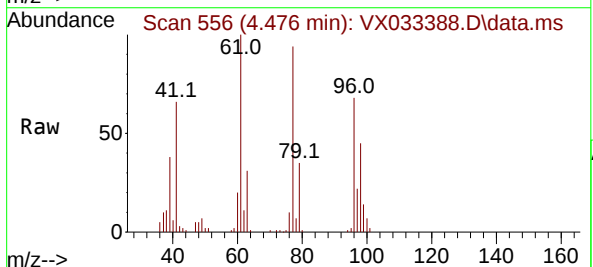
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#26
2,2-Dichloropropane
Concen: 19.959 ug/l
RT: 4.476 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 77 Resp: 36362
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.231 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

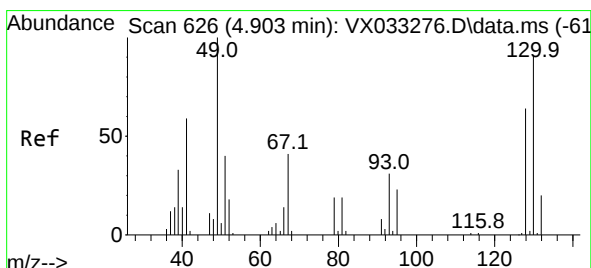
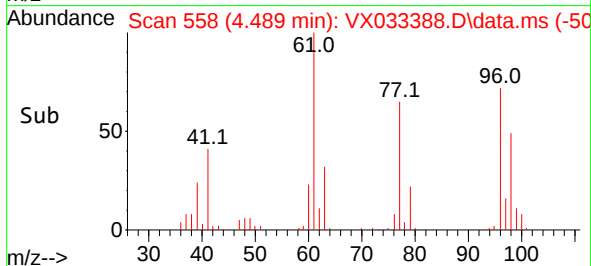
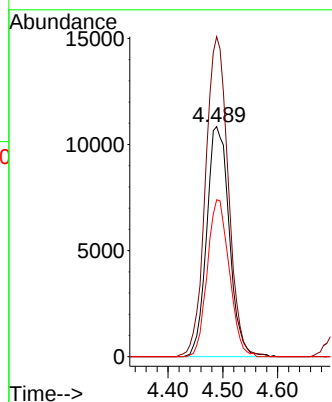
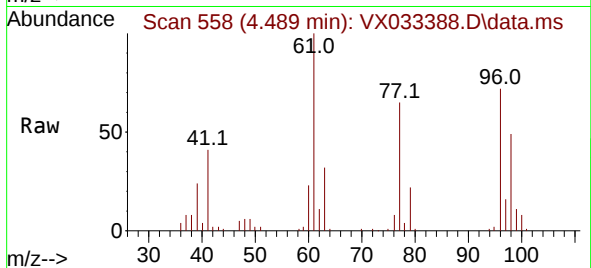
Tgt Ion: 96 Resp: 3098
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 286.0
 98 66.2 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#28

Bromochloromethane

Concen: 18.445 ug/l

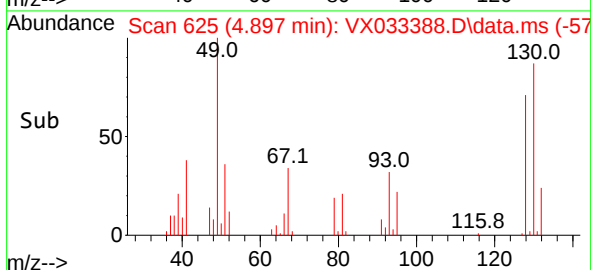
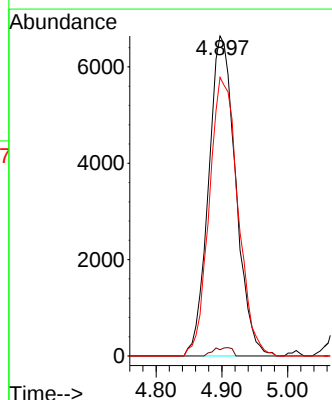
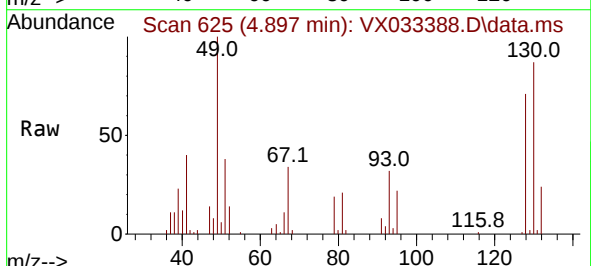
RT: 4.897 min Scan# 625

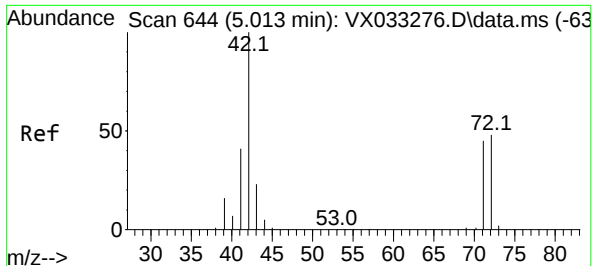
Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Tgt Ion: 49 Resp: 19129
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 91.8 67.5 101.3





#29

Tetrahydrofuran

Concen: 88.990 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

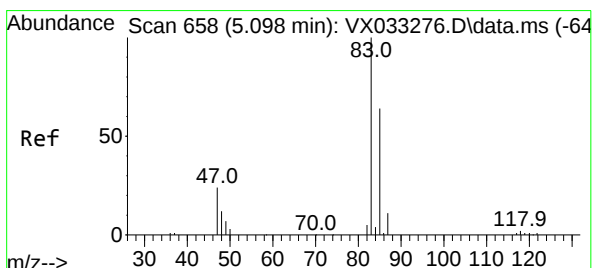
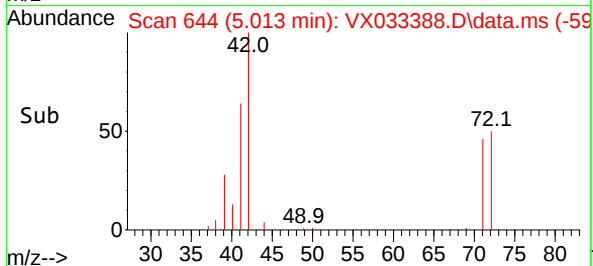
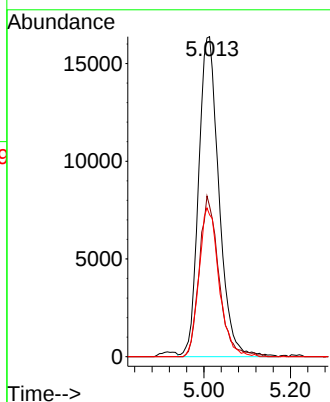
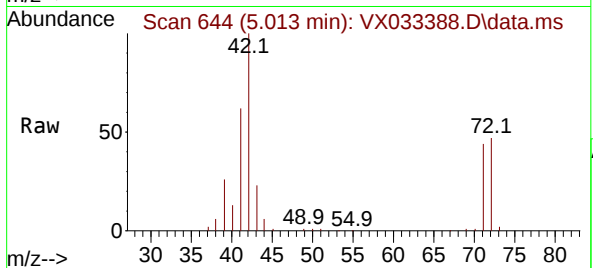
Tgt Ion:	42	Resp:	53400
Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.6	56.4
71	45.9	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 19.528 ug/l

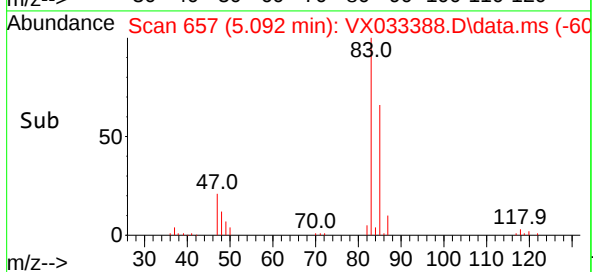
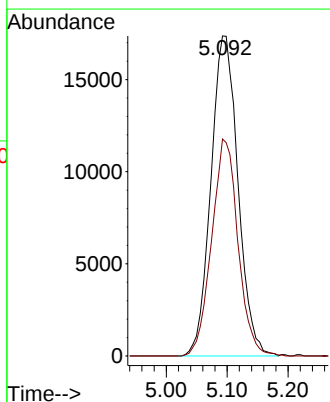
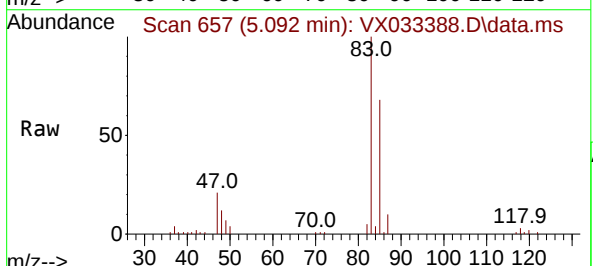
RT: 5.092 min Scan# 657

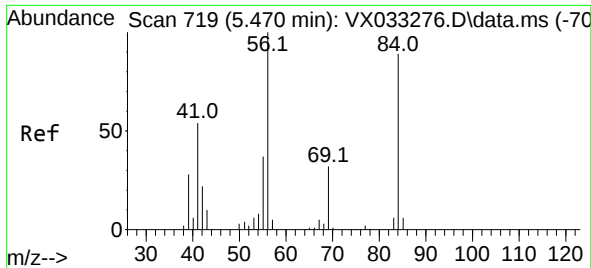
Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

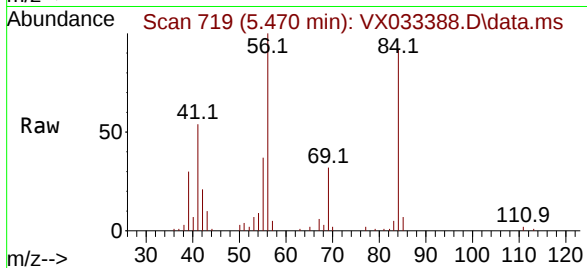
Tgt Ion:	83	Resp:	53709
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.1	76.7





#31
Cyclohexane
Concen: 19.412 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

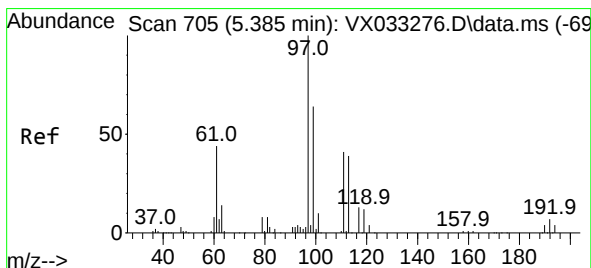
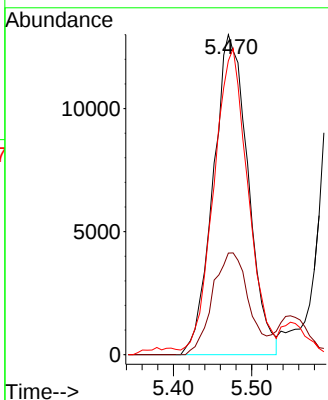
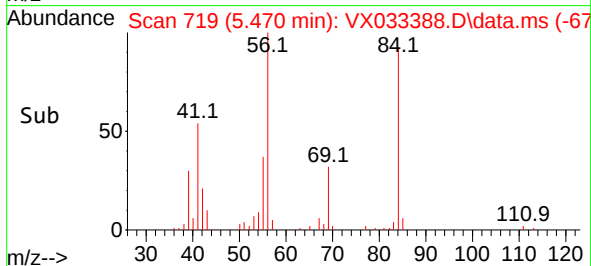
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



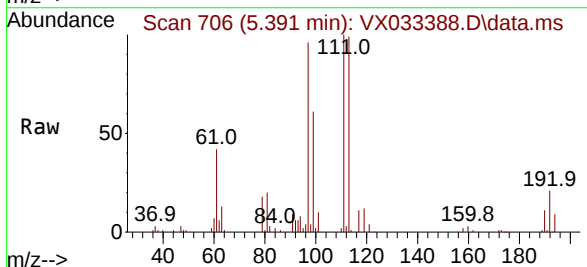
Tgt Ion: 56 Resp: 4023
Ion Ratio Lower Upper
56 100
69 31.8 24.1 36.1
84 90.2 66.9 100.3

Manual Integrations
APPROVED

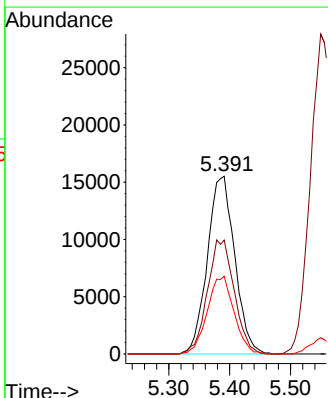
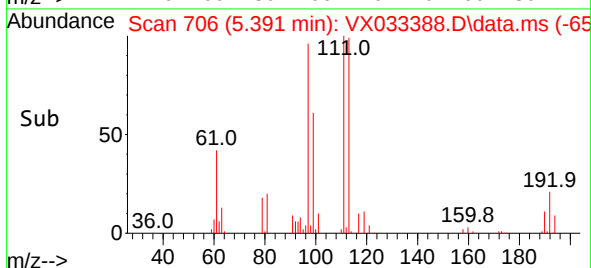
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

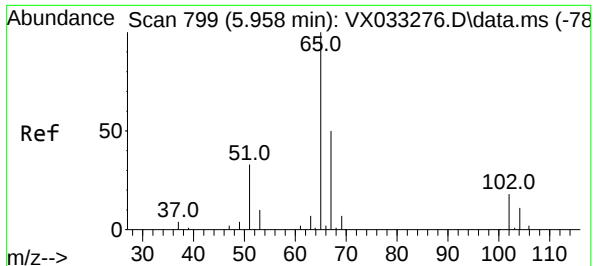


#32
1,1,1-Trichloroethane
Concen: 20.454 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion: 97 Resp: 48403
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 42.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.731 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion: 65 Resp: 41624

Ion Ratio Lower Upper

65 100

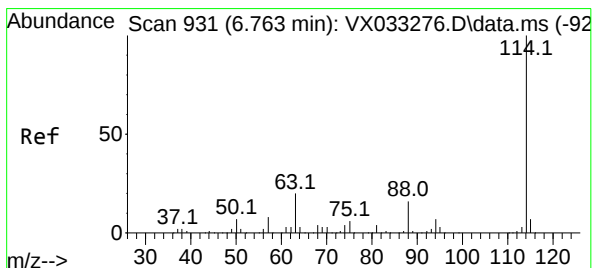
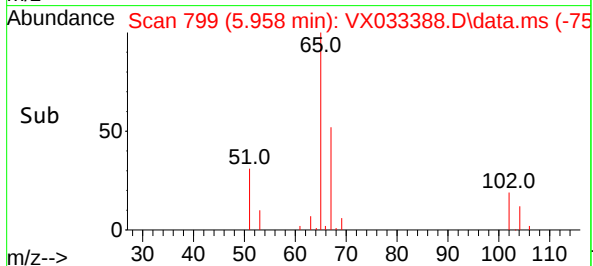
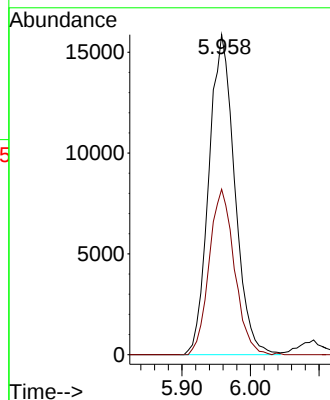
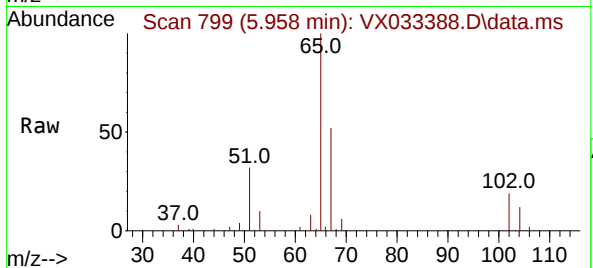
67 50.4 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

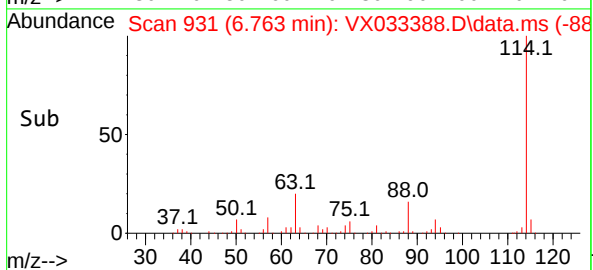
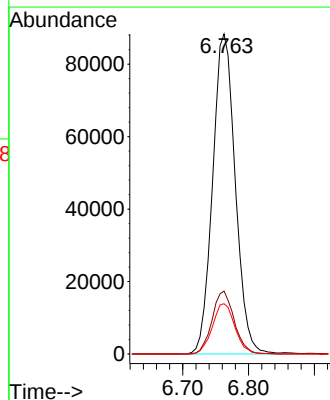
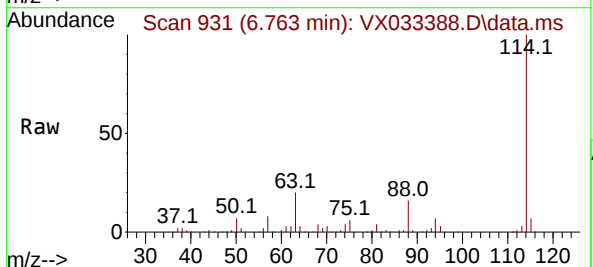
Tgt Ion:114 Resp: 211586

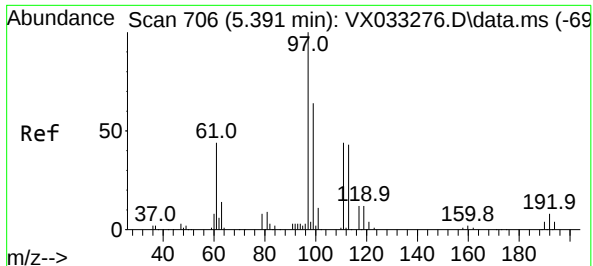
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.883 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

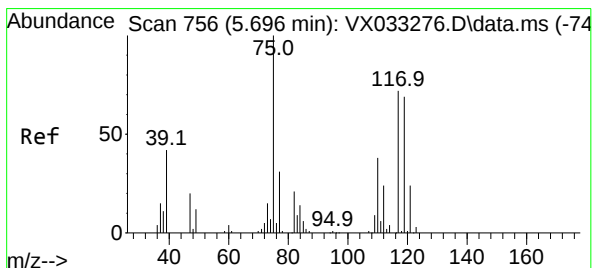
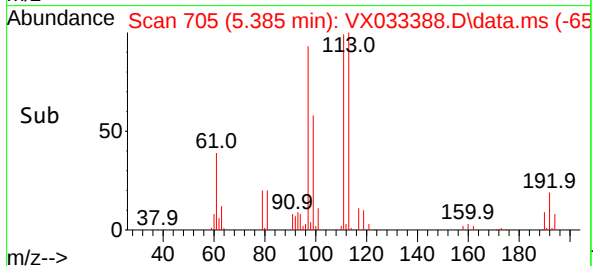
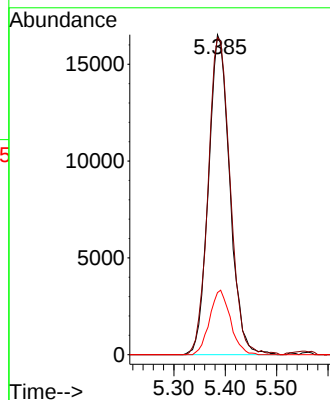
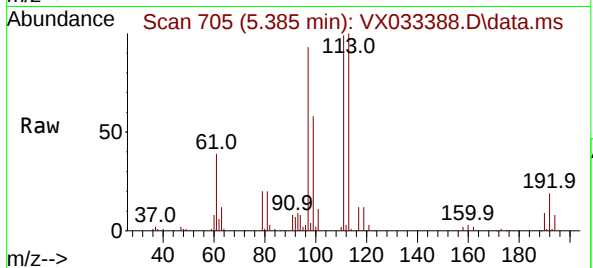
Tgt Ion:	113	Resp:	4747
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.4	123.6
192	19.7	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 20.325 ug/l

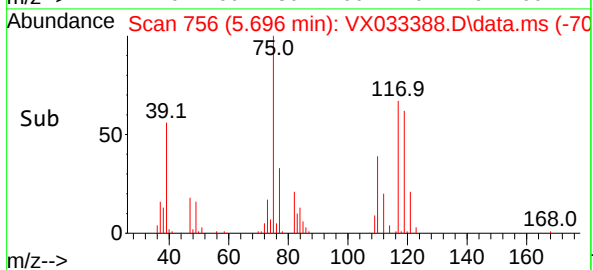
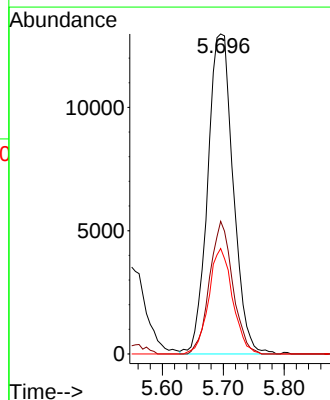
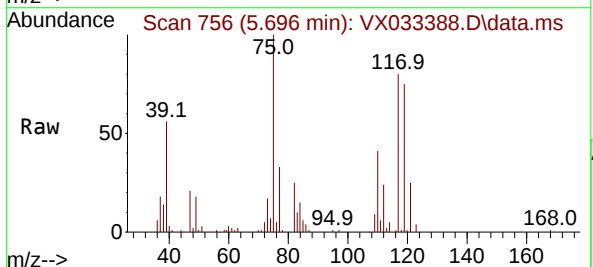
RT: 5.696 min Scan# 756

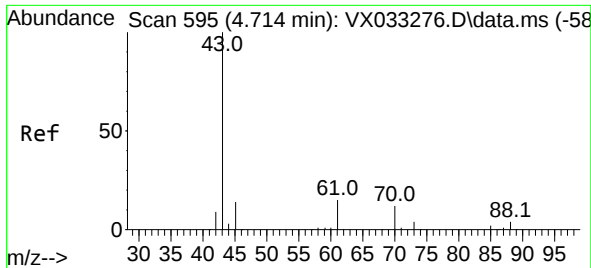
Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Tgt Ion:	75	Resp:	37711
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.4	55.2
77	30.9	24.5	36.7





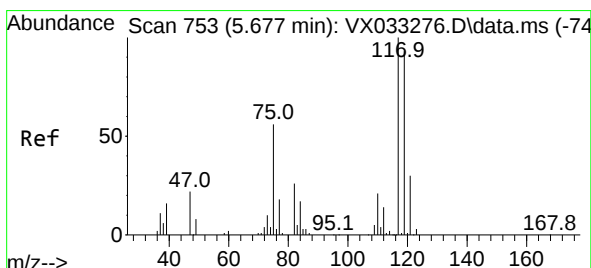
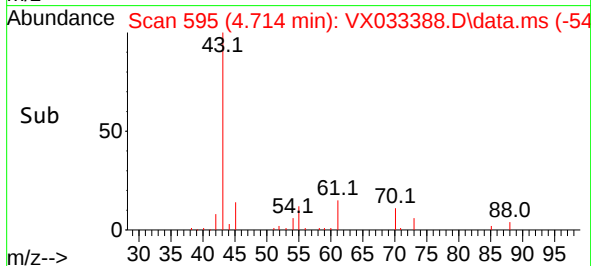
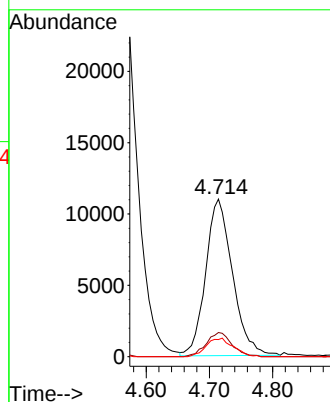
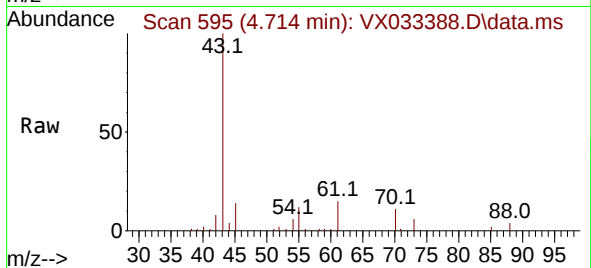
#37
Ethyl Acetate
Concen: 18.459 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 43	Resp: 3237
Ion Ratio	Lower Upper
43 100	
61 14.9	11.5 17.3
70 11.9	9.1 13.7

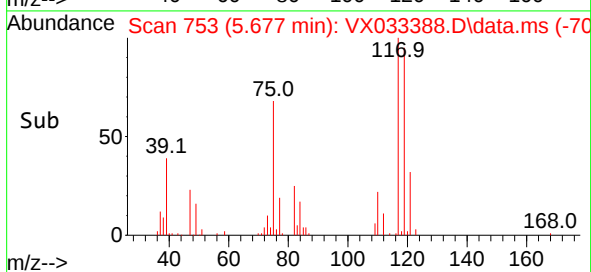
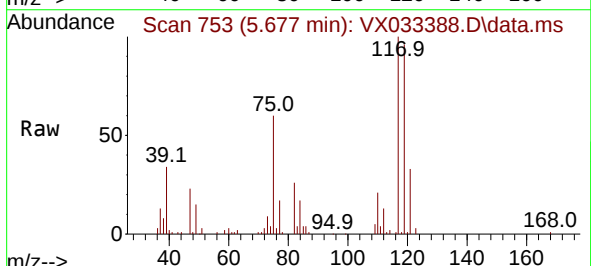
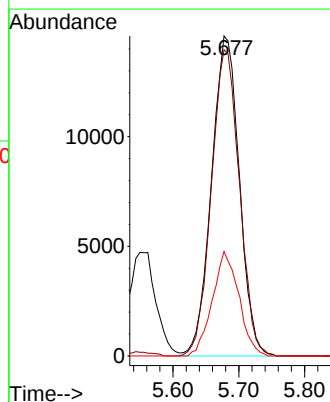
Manual Integrations
APPROVED

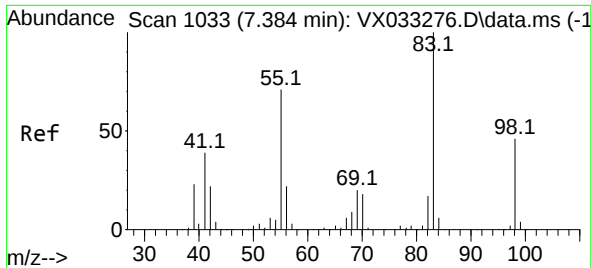
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#38
Carbon Tetrachloride
Concen: 20.660 ug/l
RT: 5.677 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 117	Resp: 42950
Ion Ratio	Lower Upper
117 100	
119 95.7	77.2 115.8
121 32.7	25.8 38.6





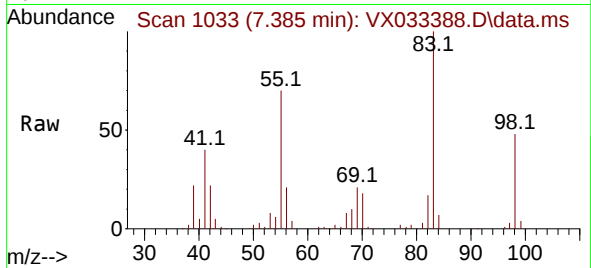
#39
Methylcyclohexane
Concen: 20.709 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01



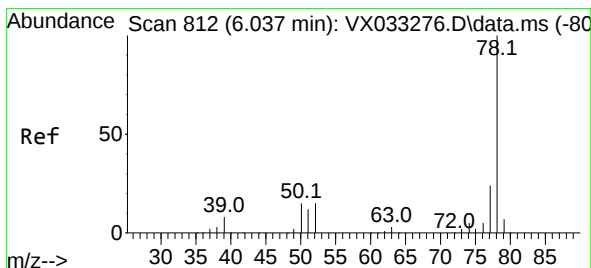
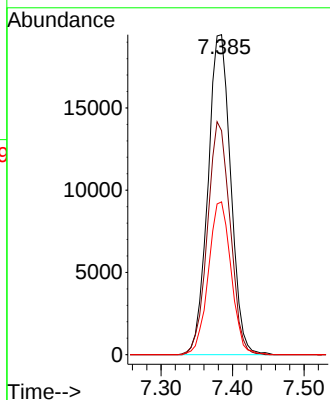
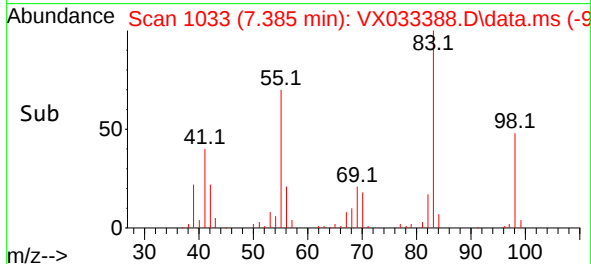
Tgt Ion: 83 Resp: 43008
Ion Ratio Lower Upper
83 100
55 70.0 58.4 87.6
98 47.8 37.2 55.8

Manual Integrations

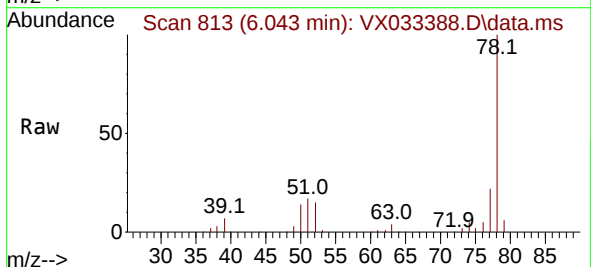
APPROVED

Reviewed By :John Carlone 12/14/2022

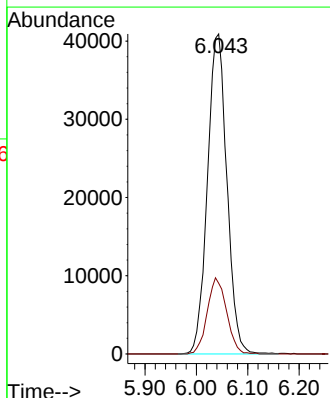
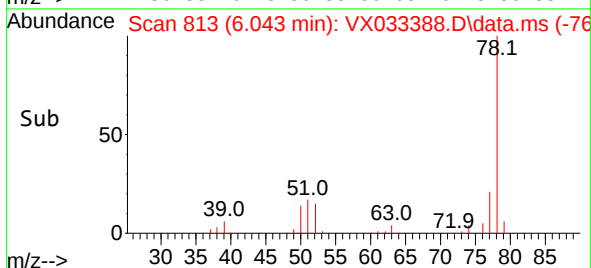
Supervised By :Mahesh Dadoda 12/14/2022

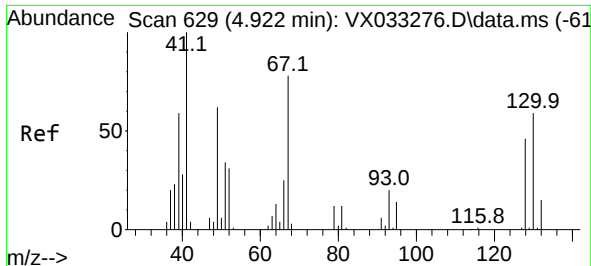


#40
Benzene
Concen: 19.867 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



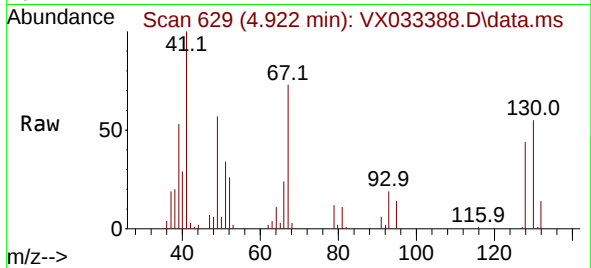
Tgt Ion: 78 Resp: 107476
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.4





#41
Methacrylonitrile
Concen: 19.597 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

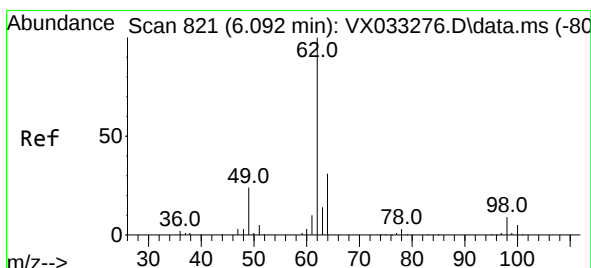
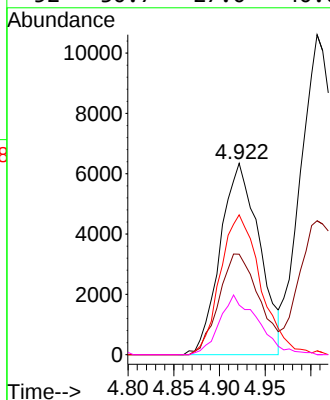
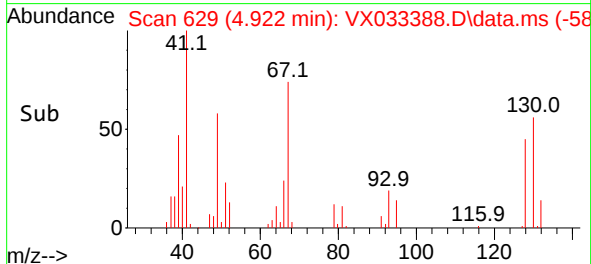
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion:	41	Resp:	18940
Ion	Ratio	Lower	Upper
41	100		
39	53.9	47.5	71.3
67	75.6	60.5	90.7
52	30.7	27.0	40.6

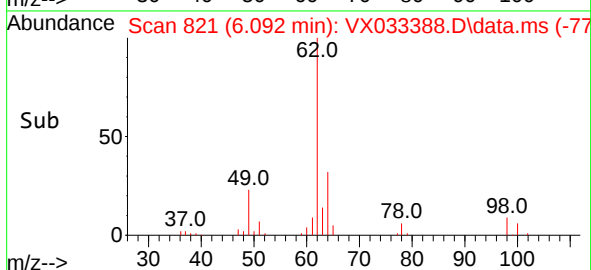
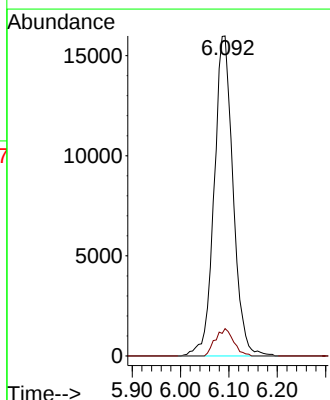
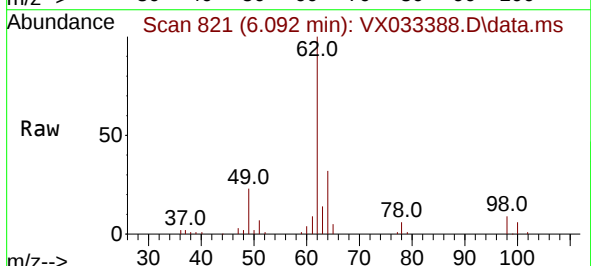
Manual Integrations
APPROVED

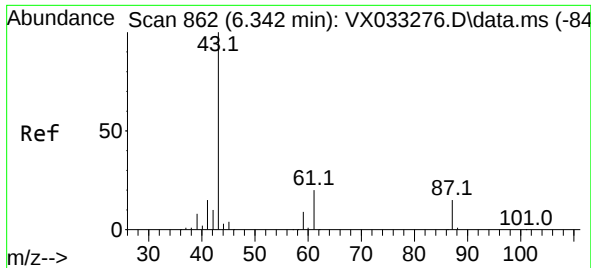
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 20.196 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion:	62	Resp:	43387
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.997 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

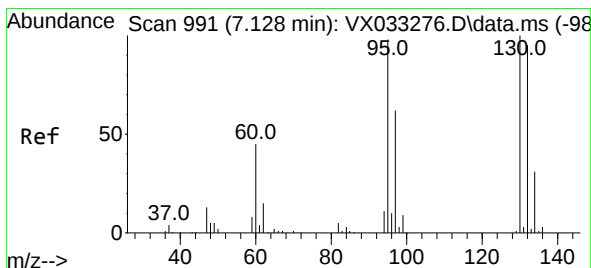
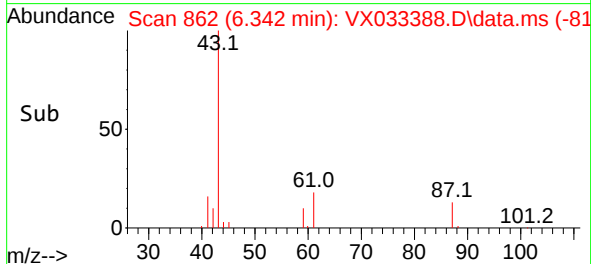
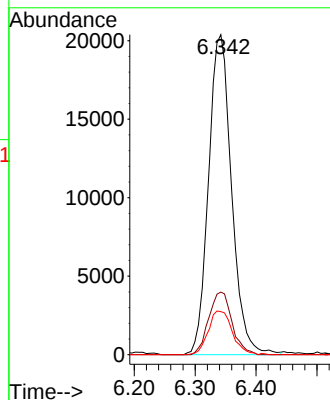
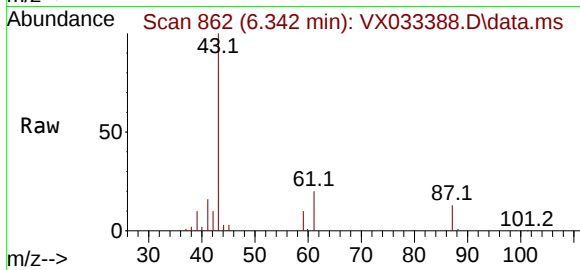
Tgt Ion: 43	Resp: 53610
Ion Ratio	Lower Upper
43 100	
61 19.7	15.4 23.0
87 14.1	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#44

Trichloroethene

Concen: 20.597 ug/l

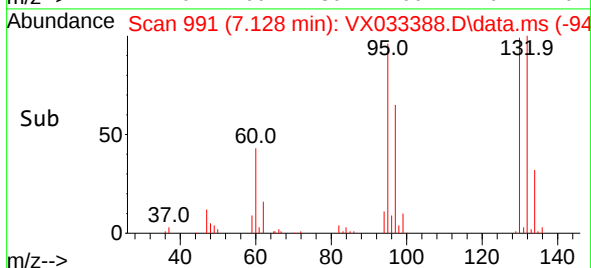
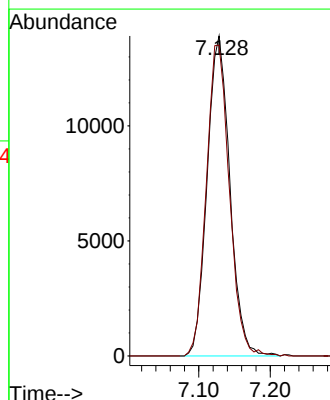
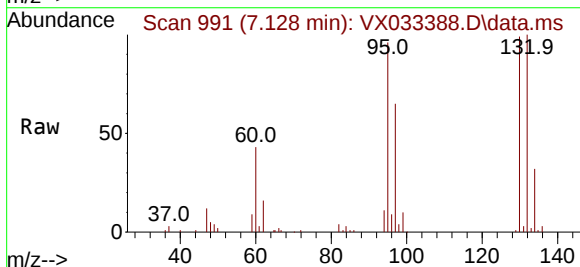
RT: 7.128 min Scan# 991

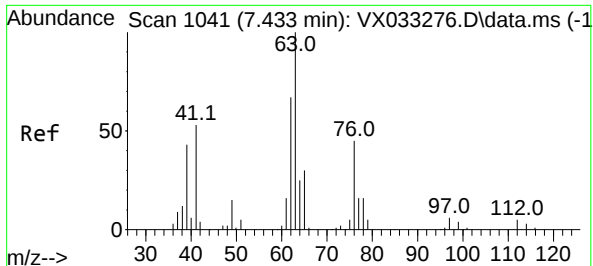
Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Tgt Ion:130	Resp: 30722
Ion Ratio	Lower Upper
130 100	
95 97.2	0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.516 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion: 63 Resp: 2700

Ion Ratio Lower Upper

63 100

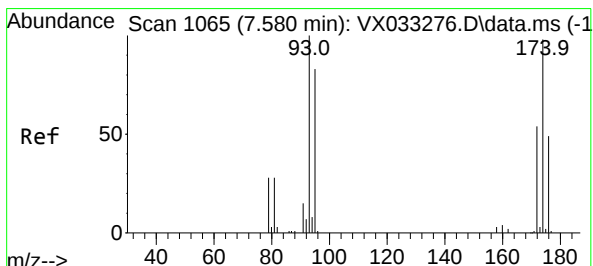
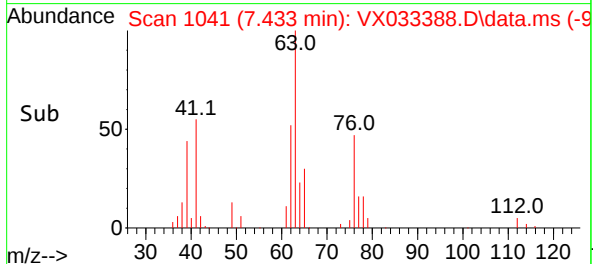
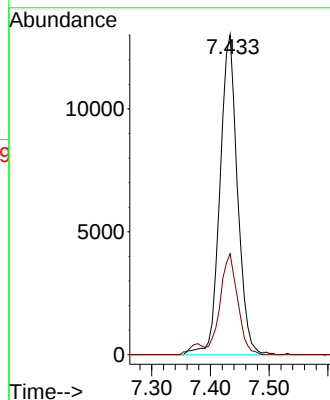
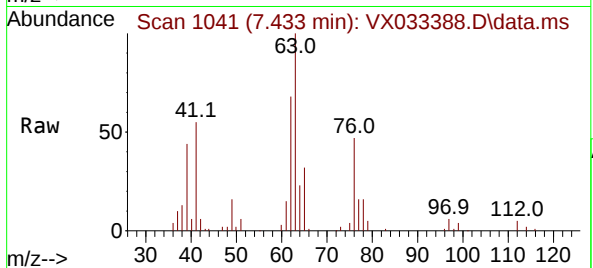
65 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#46

Dibromomethane

Concen: 19.823 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

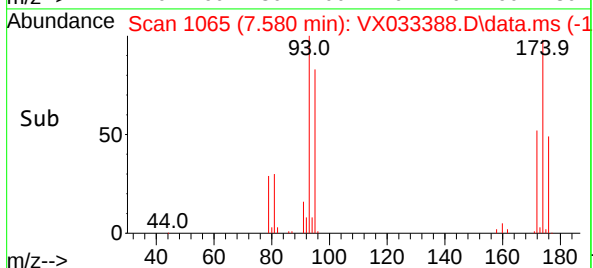
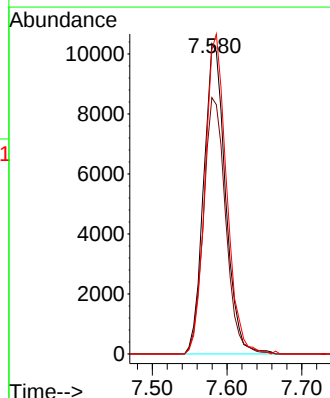
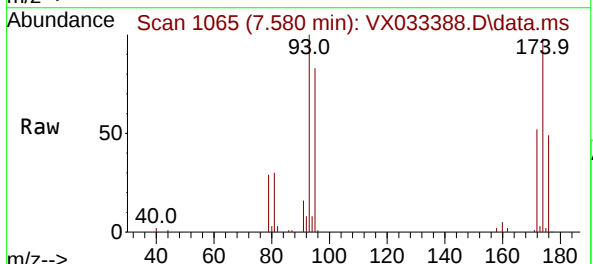
Tgt Ion: 93 Resp: 20893

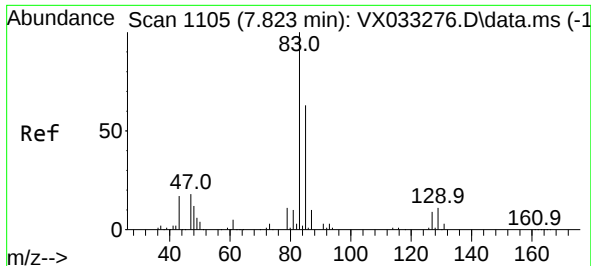
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 101.8 79.8 119.6





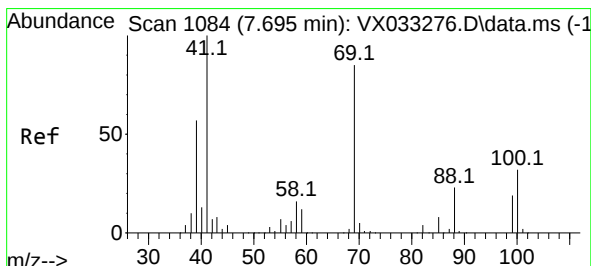
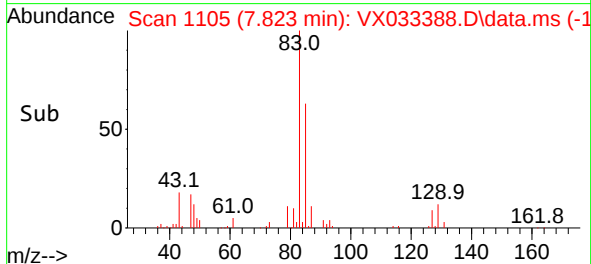
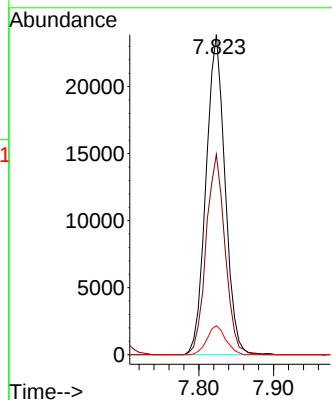
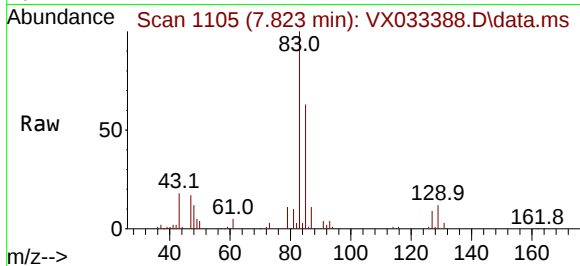
#47
Bromodichloromethane
Concen: 20.499 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 83 Resp: 42111
Ion Ratio Lower Upper
83 100
85 62.6 52.2 78.4
127 9.0 7.4 11.2

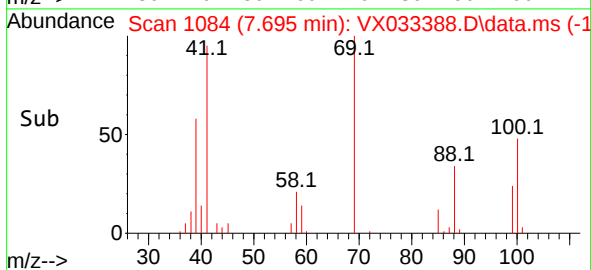
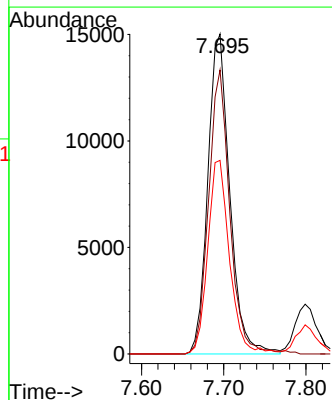
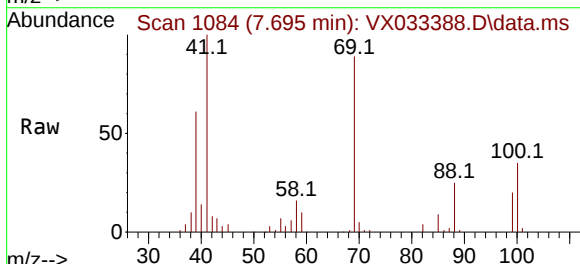
Manual Integrations
APPROVED

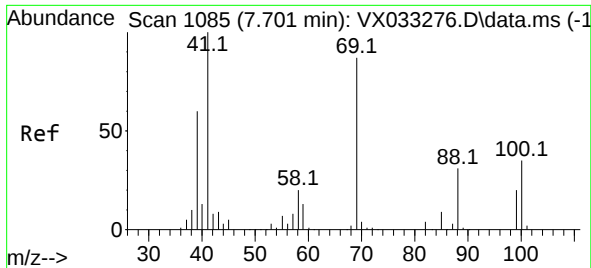
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 19.122 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 41 Resp: 27851
Ion Ratio Lower Upper
41 100
69 85.6 65.1 97.7
39 60.4 51.9 77.9





#49

1,4-Dioxane

Concen: 311.963 ug/l

RT: 7.695 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

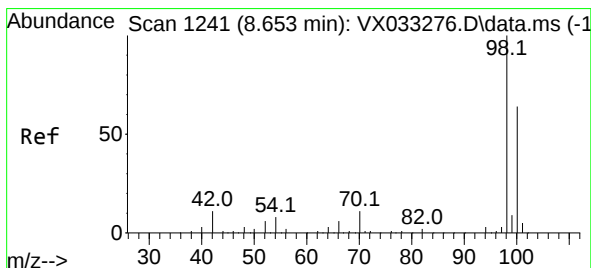
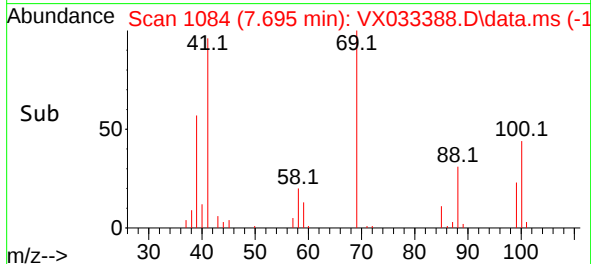
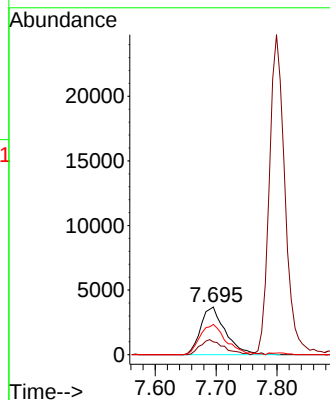
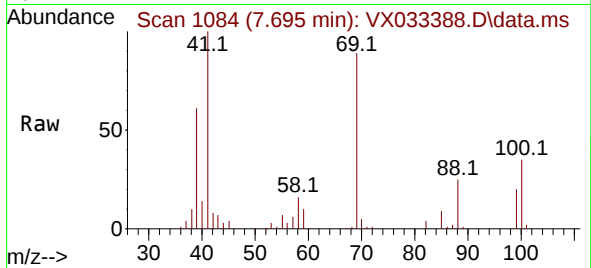
Tgt Ion: 88 Resp: 1036
 Ion Ratio Lower Upper
 88 100
 43 30.1 26.6 39.8
 58 66.6 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 50.136 ug/l

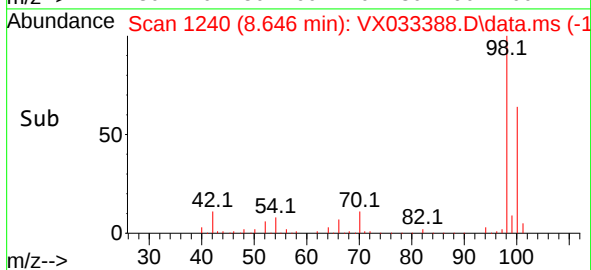
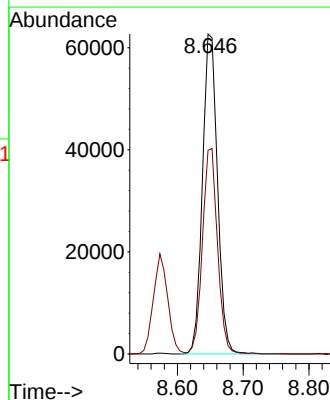
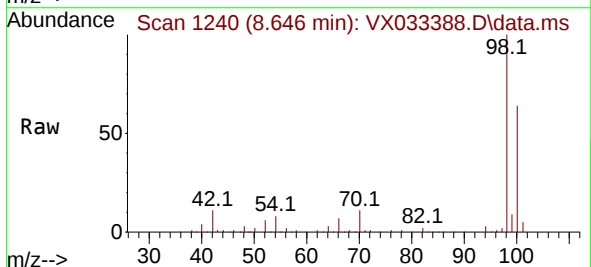
RT: 8.646 min Scan# 1240

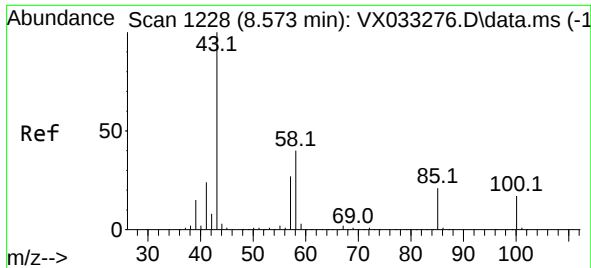
Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

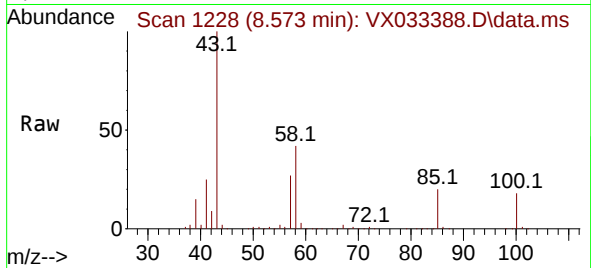
Tgt Ion: 98 Resp: 99813
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 97.407 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

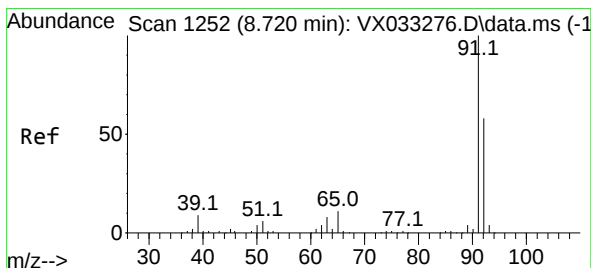
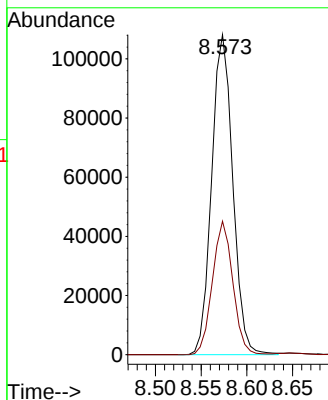
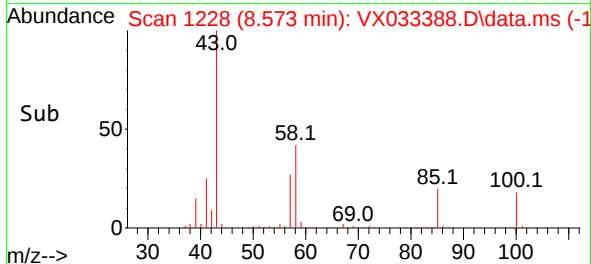
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion: 43 Resp: 173836
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

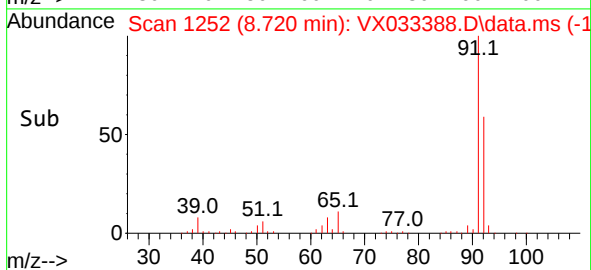
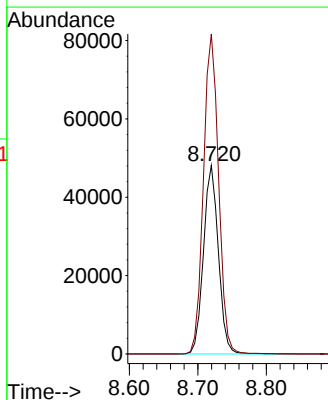
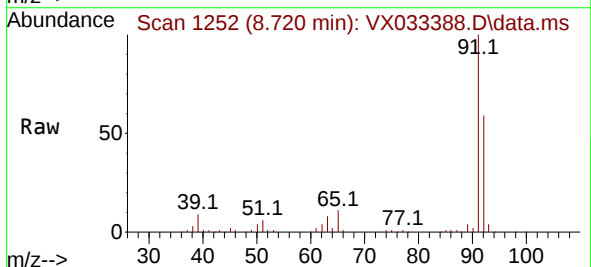
Manual Integrations
APPROVED

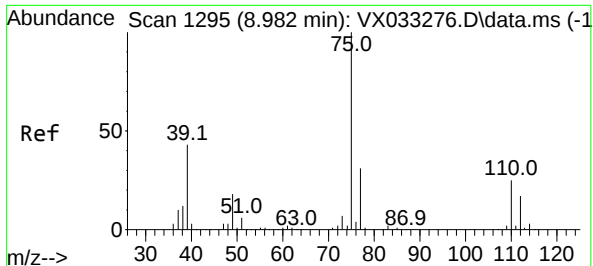
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 20.794 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 92 Resp: 72734
Ion Ratio Lower Upper
92 100
91 172.8 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 19.395 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion: 75 Resp: 3924

Ion Ratio Lower Upper

75 100

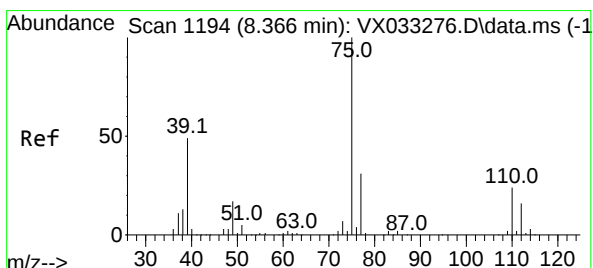
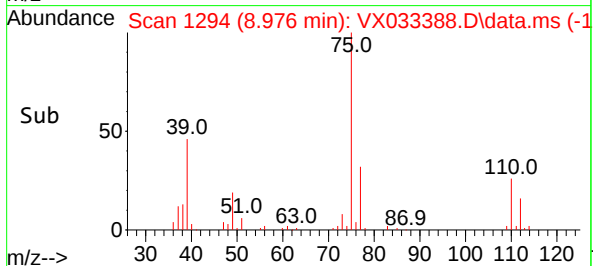
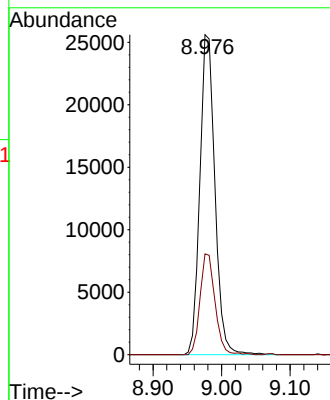
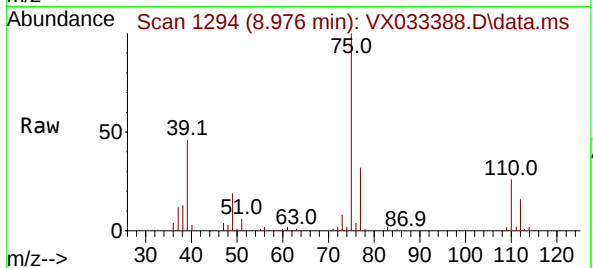
77 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#54

cis-1,3-Dichloropropene

Concen: 19.818 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

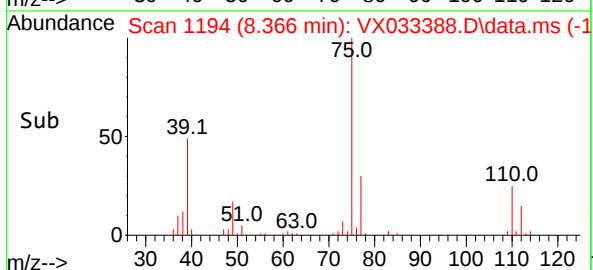
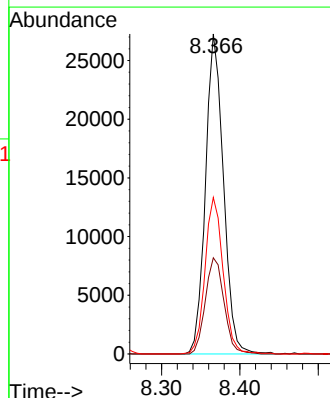
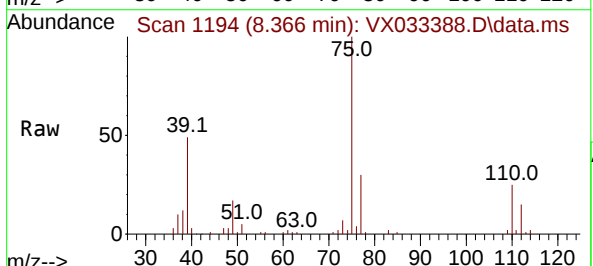
Tgt Ion: 75 Resp: 43326

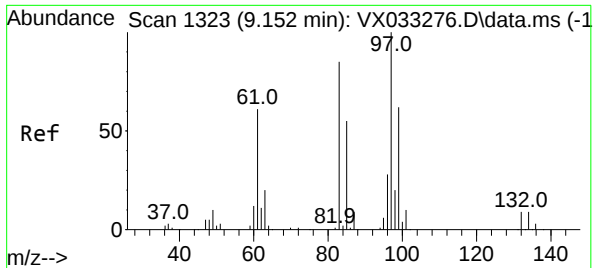
Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7

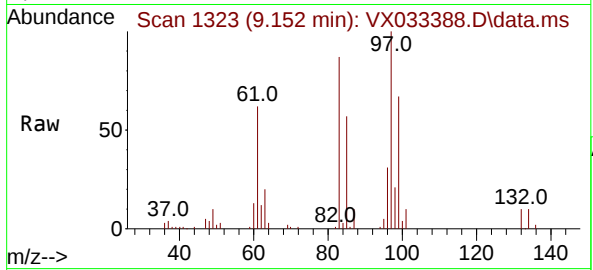
39 48.9 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 20.031 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

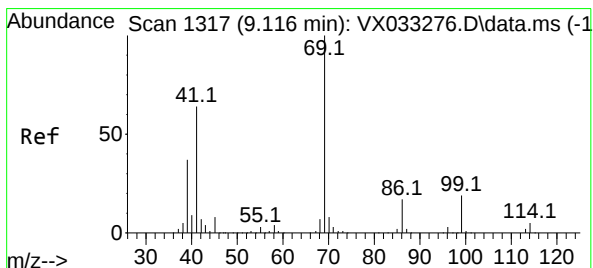
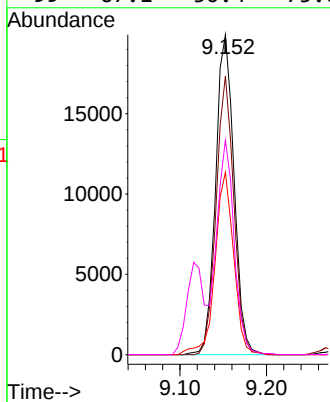
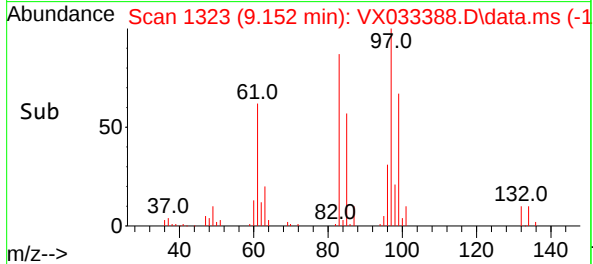
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



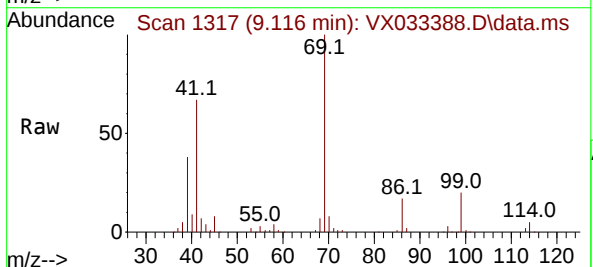
Tgt Ion: 97 Resp: 29452
Ion Ratio Lower Upper
97 100
83 87.1 68.1 102.1
85 57.0 43.3 64.9
99 67.1 50.4 75.6

Manual Integrations
APPROVED

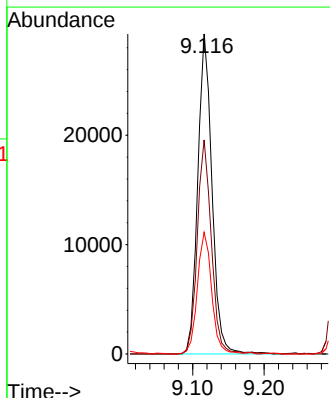
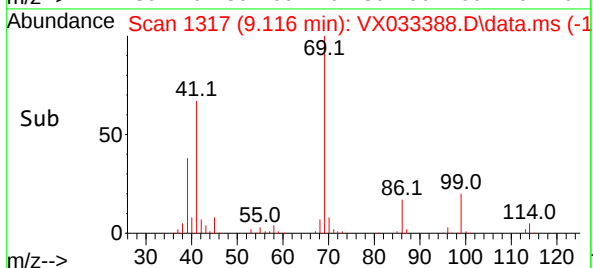
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

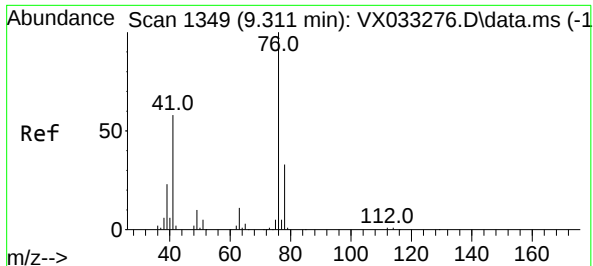


#56
Ethyl methacrylate
Concen: 19.507 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion: 69 Resp: 40383
Ion Ratio Lower Upper
69 100
41 66.0 54.3 81.5
39 38.3 35.2 52.8





#57

1,3-Dichloropropane

Concen: 20.218 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion: 76 Resp: 4775

Ion Ratio Lower Upper

76 100

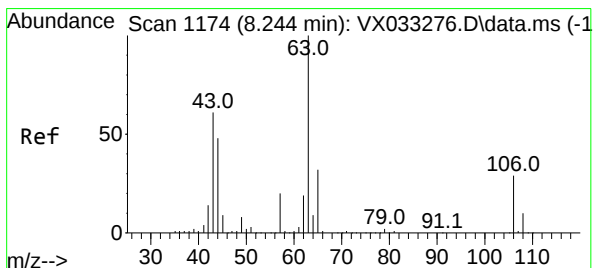
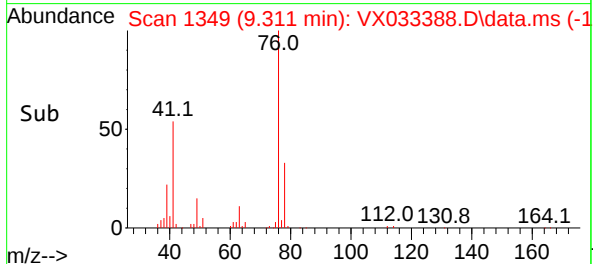
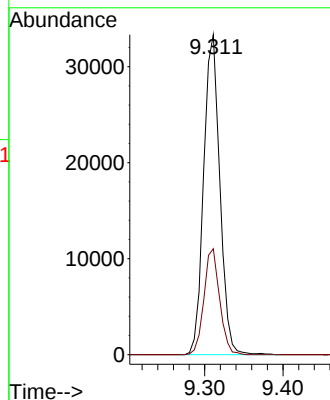
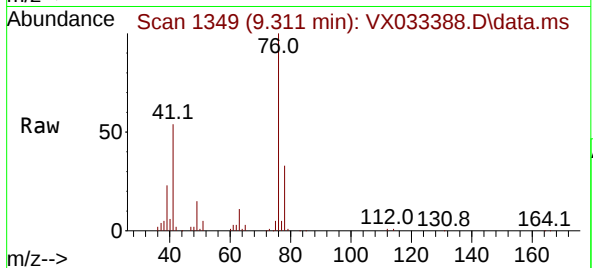
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.937 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033388.D

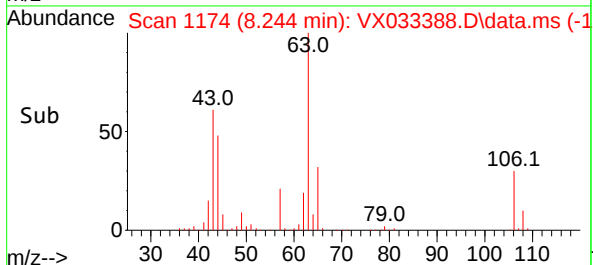
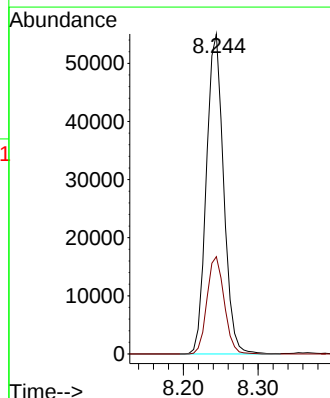
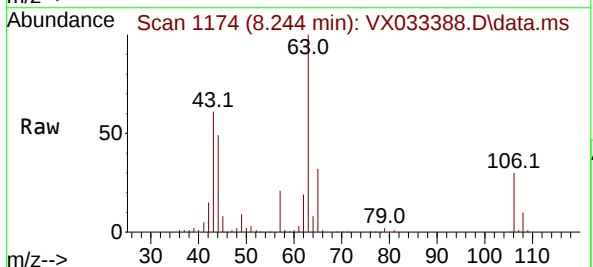
Acq: 13 Dec 2022 13:35

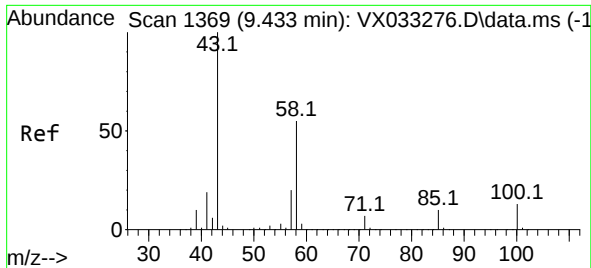
Tgt Ion: 63 Resp: 88032

Ion Ratio Lower Upper

63 100

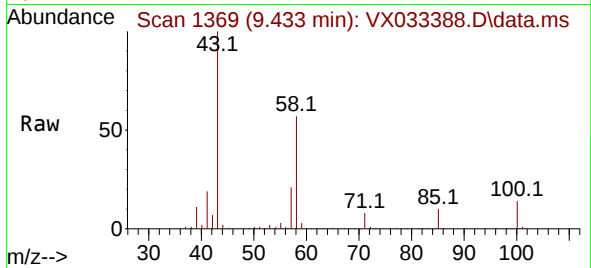
106 30.3 23.3 34.9





#59
2-Hexanone
Concen: 97.085 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

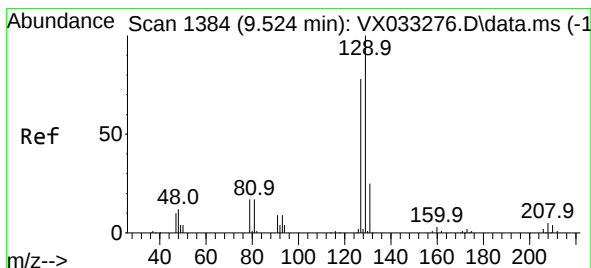
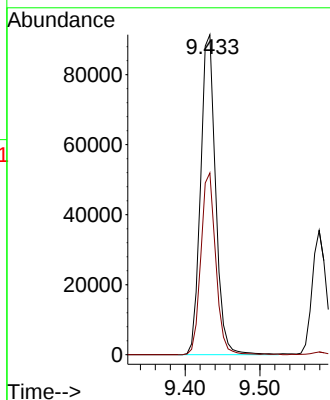
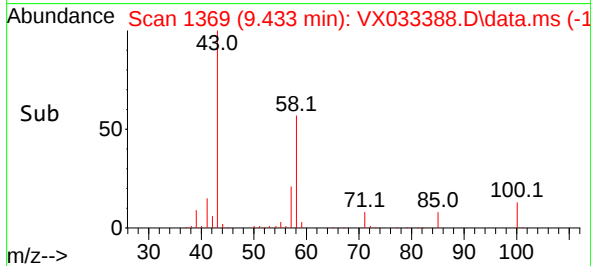
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion: 43 Resp: 12768
Ion Ratio Lower Upper
43 100
58 56.3 26.5 79.5

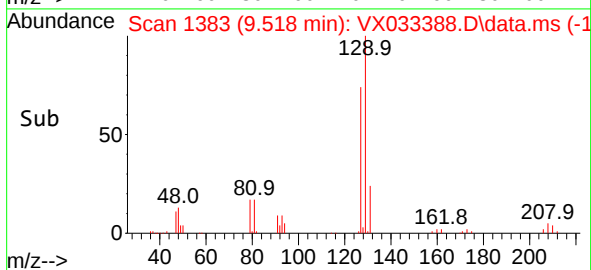
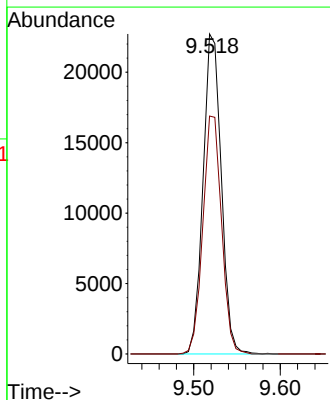
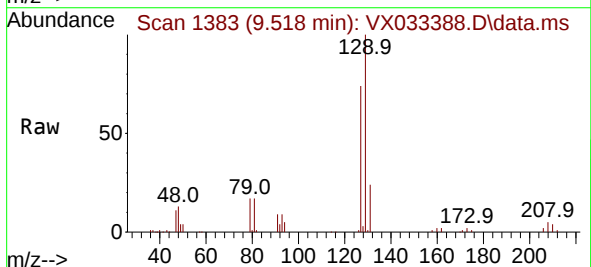
Manual Integrations
APPROVED

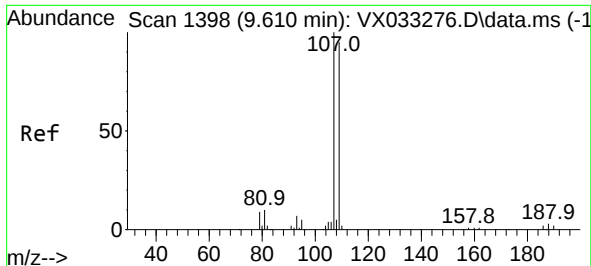
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#60
Dibromochloromethane
Concen: 20.484 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

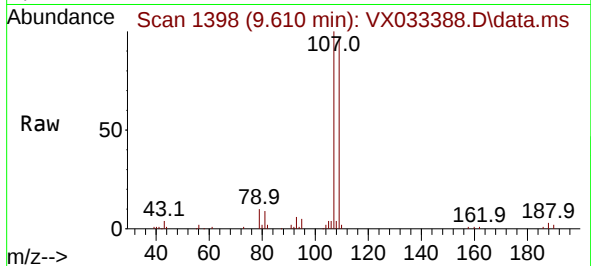
Tgt Ion:129 Resp: 33184
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.125 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

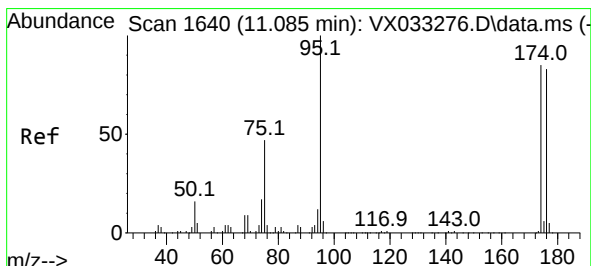
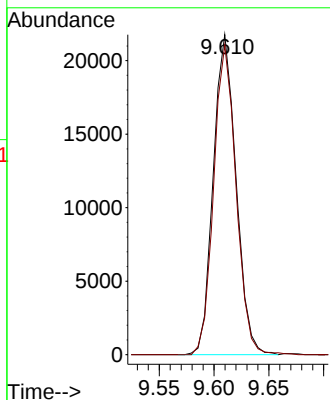
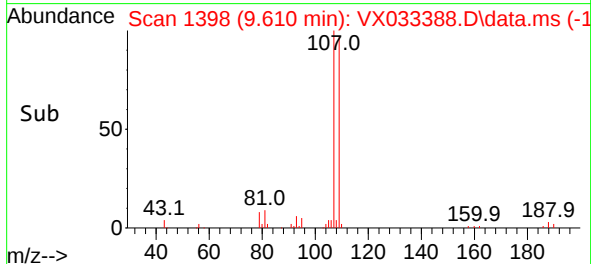
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



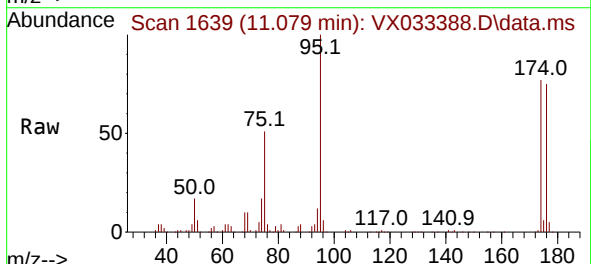
Tgt Ion:107 Resp: 31475
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

Manual Integrations
APPROVED

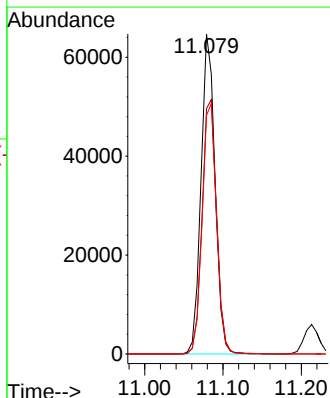
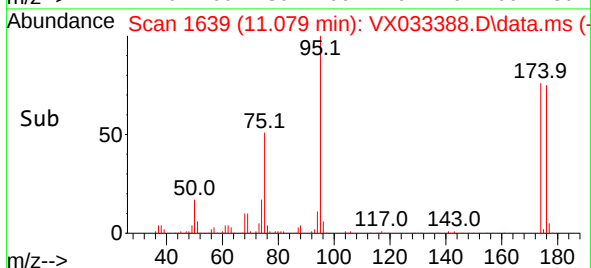
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

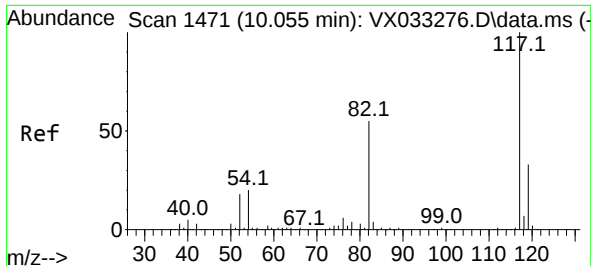


#62
4-Bromofluorobenzene
Concen: 52.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



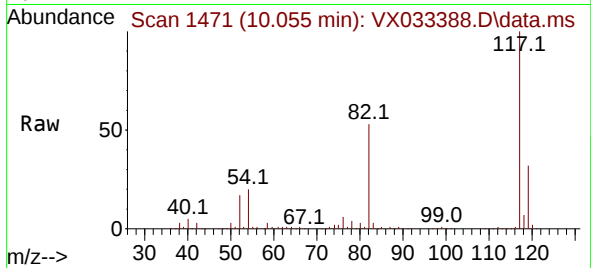
Tgt Ion: 95 Resp: 80136
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 80.0 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

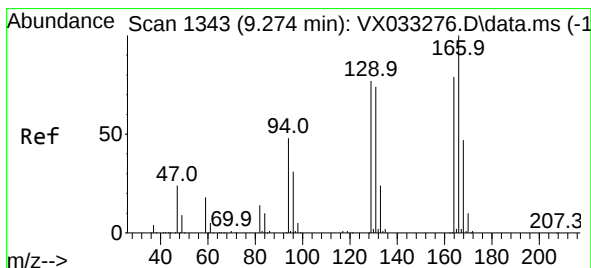
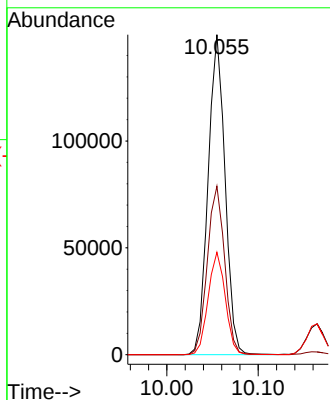
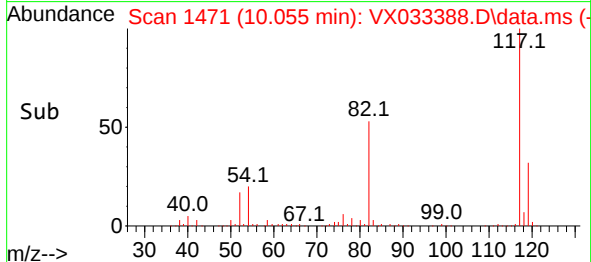
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



Tgt Ion:117 Resp: 19210
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 32.0 25.7 38.5

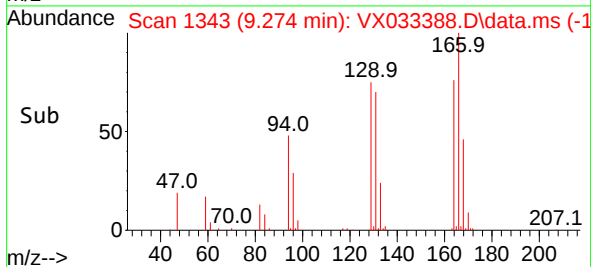
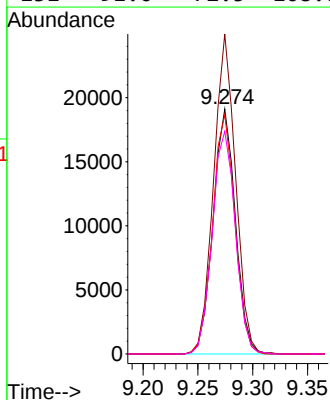
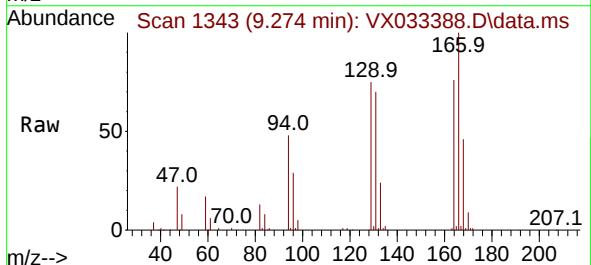
Manual Integrations
APPROVED

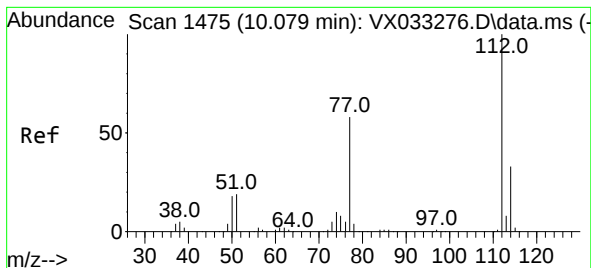
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 20.640 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion:164 Resp: 27112
Ion Ratio Lower Upper
164 100
166 130.7 105.4 158.2
129 97.8 78.2 117.2
131 91.0 72.5 108.7





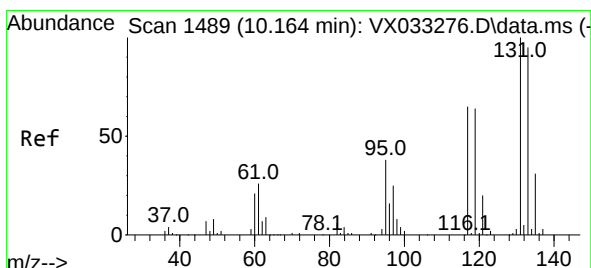
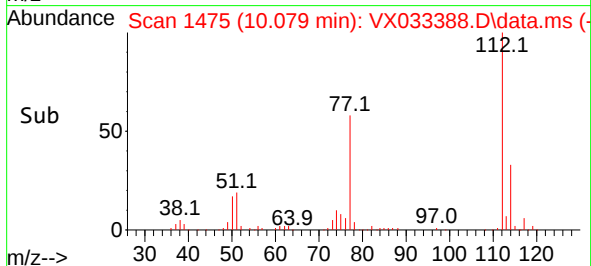
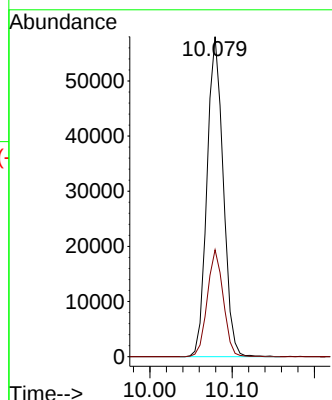
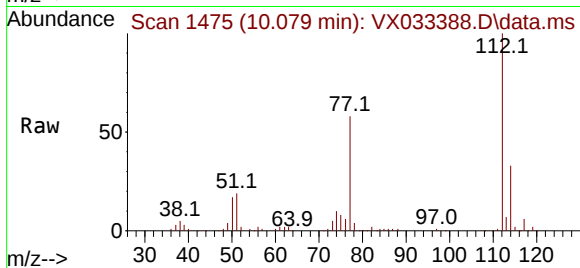
#65
Chlorobenzene
Concen: 20.424 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion:112 Resp: 7945
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.2

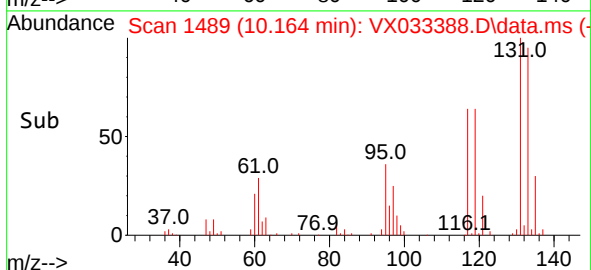
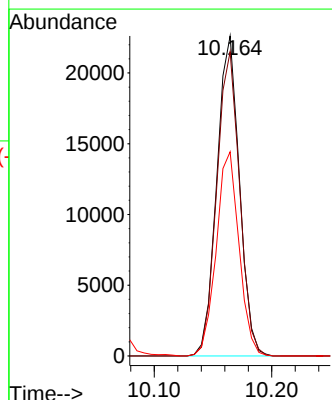
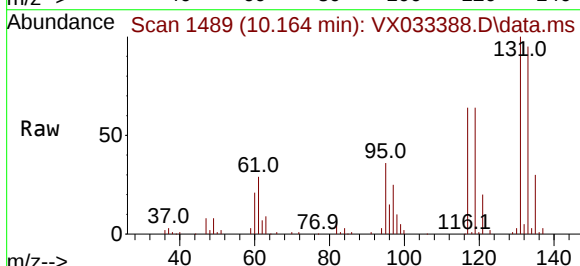
Manual Integrations
APPROVED

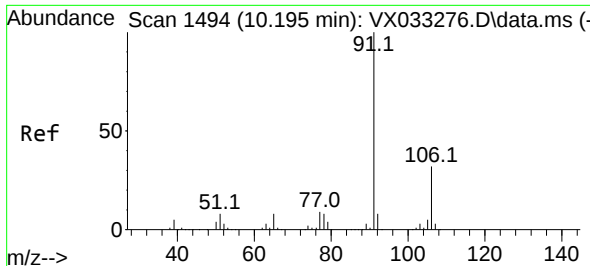
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.562 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion:131 Resp: 30228
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 21.017 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion: 91 Resp: 14243

Ion Ratio Lower Upper

91 100

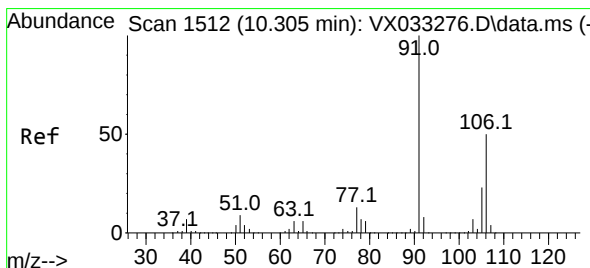
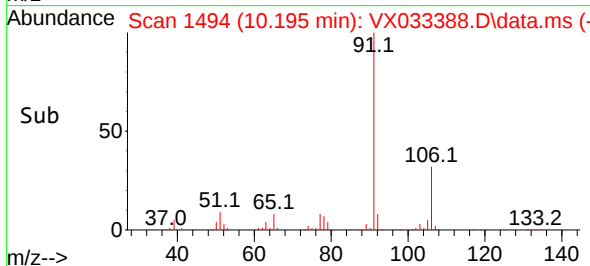
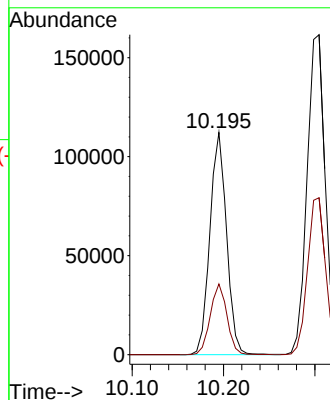
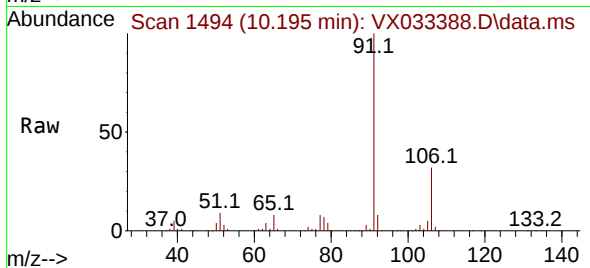
106 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#68

m/p-Xylenes

Concen: 41.624 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033388.D

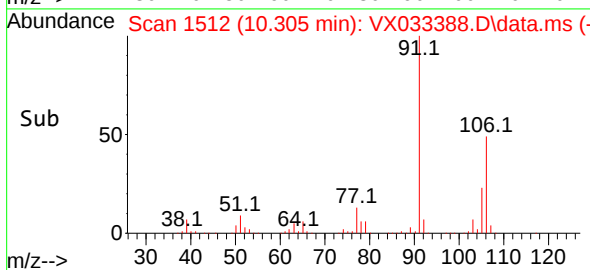
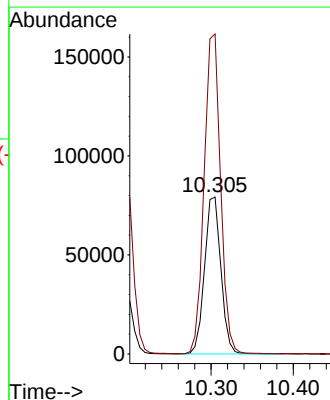
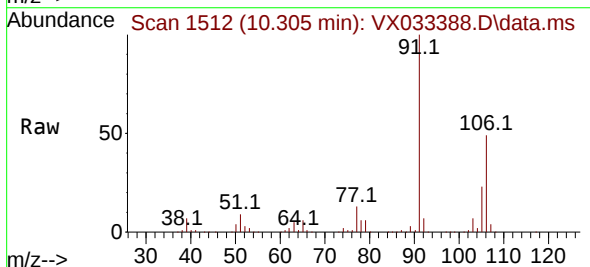
Acq: 13 Dec 2022 13:35

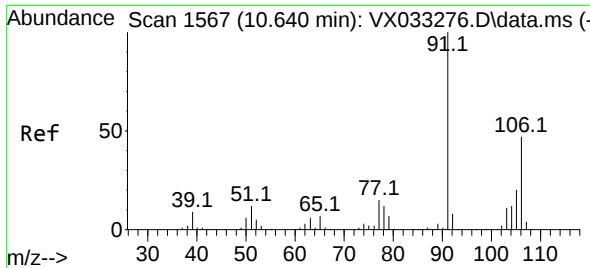
Tgt Ion:106 Resp: 109752

Ion Ratio Lower Upper

106 100

91 204.8 164.5 246.7





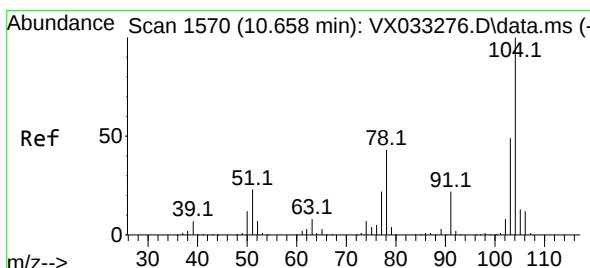
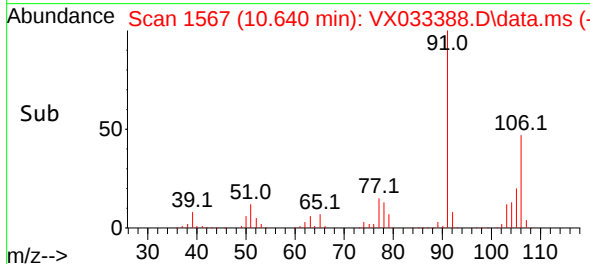
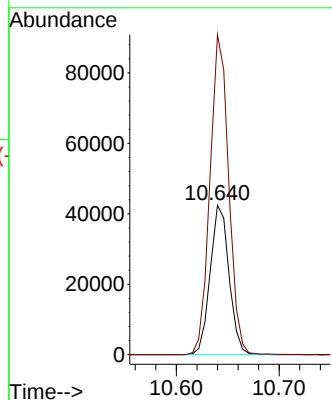
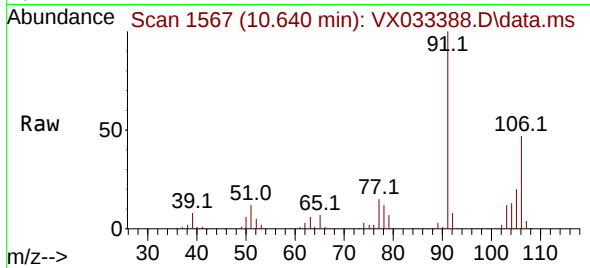
#69
o-Xylene
Concen: 20.744 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion:106 Resp: 5406
Ion Ratio Lower Upper
106 100
91 212.7 109.2 327.6

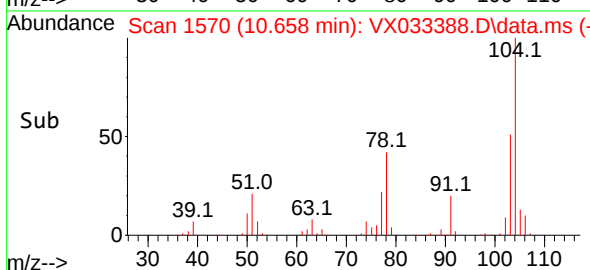
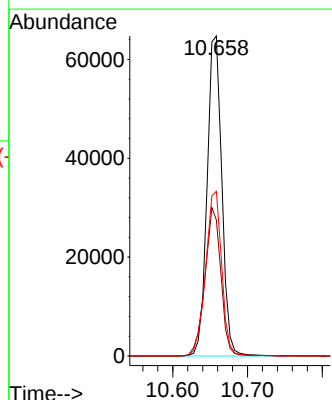
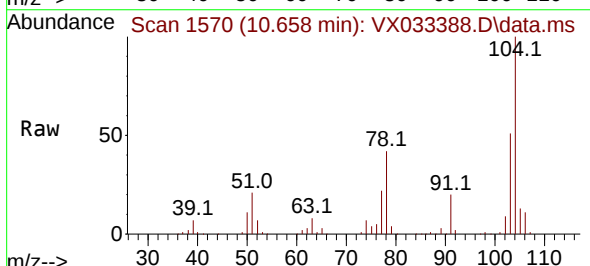
Manual Integrations
APPROVED

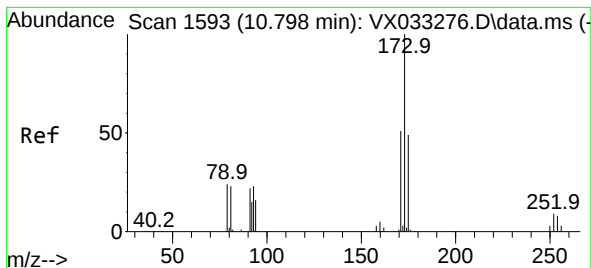
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#70
Styrene
Concen: 20.743 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

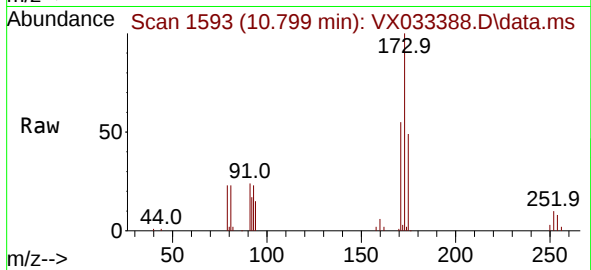
Tgt Ion:104 Resp: 88542
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 56.1 44.5 66.7





#71
Bromoform
Concen: 19.972 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

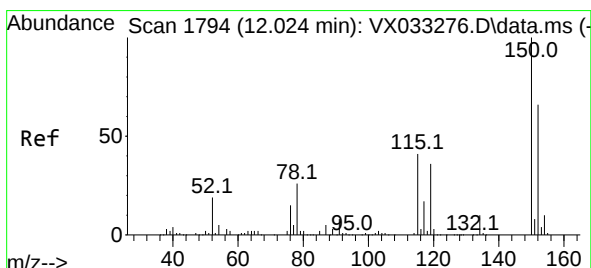
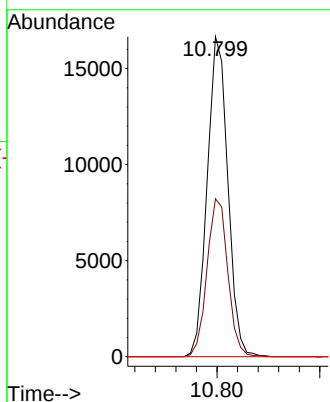
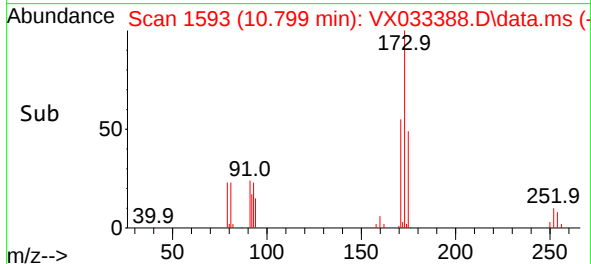
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



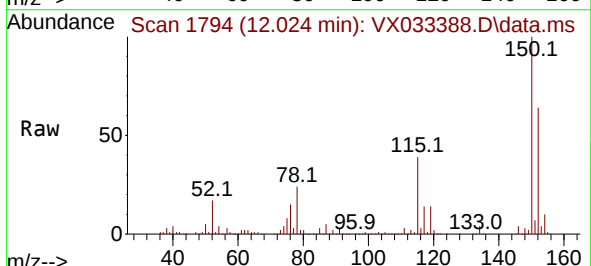
Tgt Ion:173 Resp: 23240
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

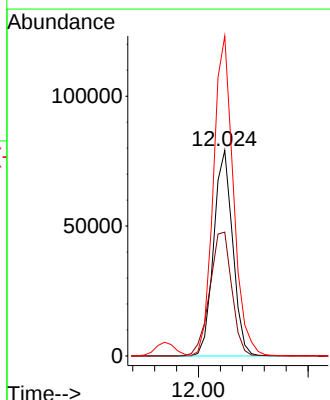
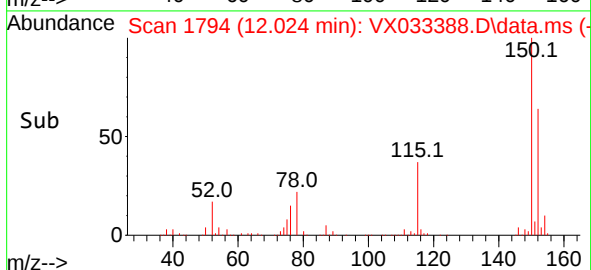
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

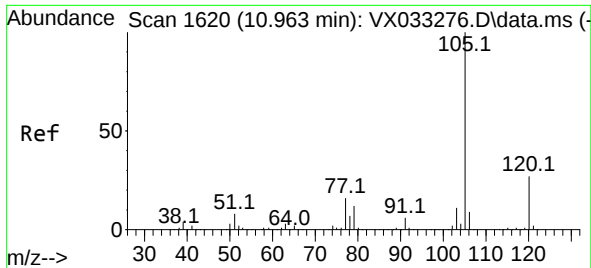


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion:152 Resp: 95389
Ion Ratio Lower Upper
152 100
115 69.7 44.0 132.0
150 163.2 0.0 351.8





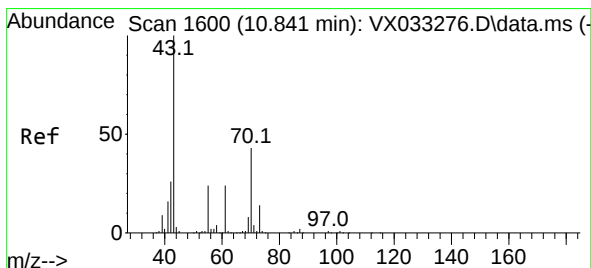
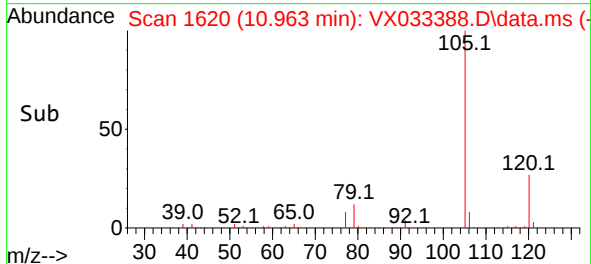
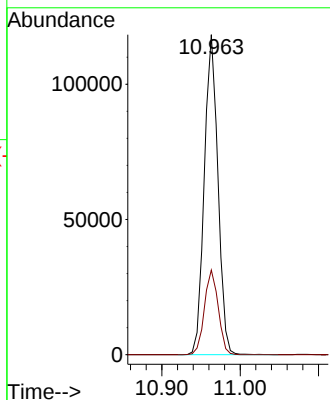
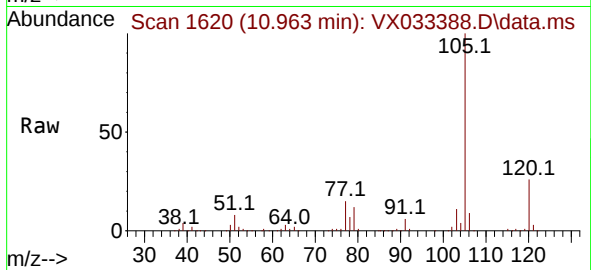
#73
Isopropylbenzene
Concen: 20.595 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion:105 Resp: 142394
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

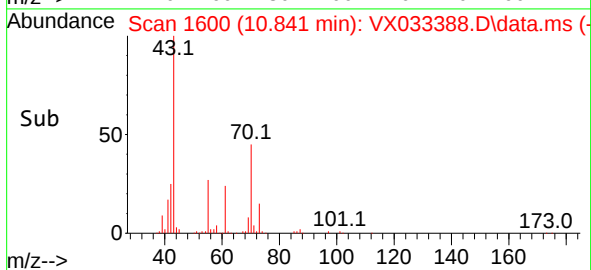
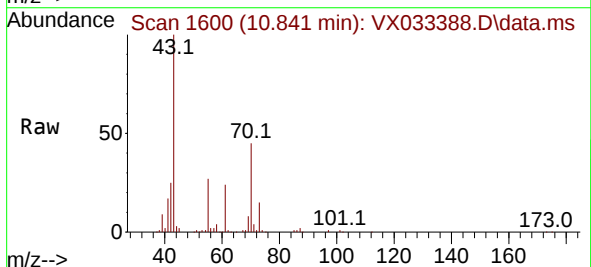
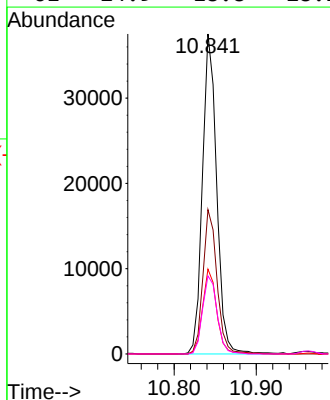
Manual Integrations
APPROVED

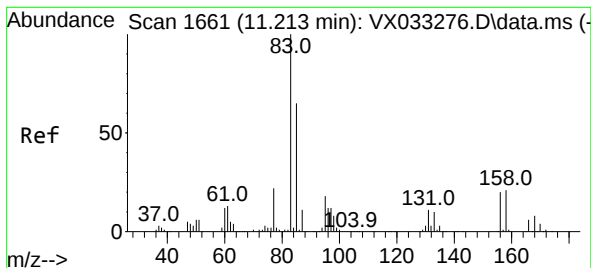
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#74
N-ethyl acetate
Concen: 19.149 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 43 Resp: 45171
Ion Ratio Lower Upper
43 100
70 44.6 33.6 50.4
55 26.4 19.4 29.2
61 24.9 18.8 28.2





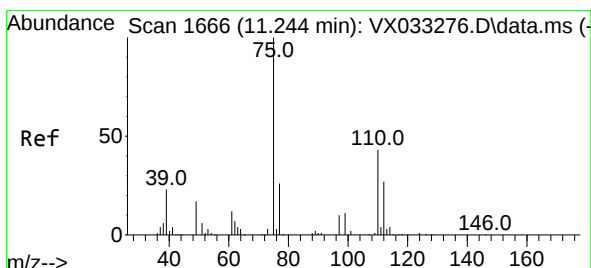
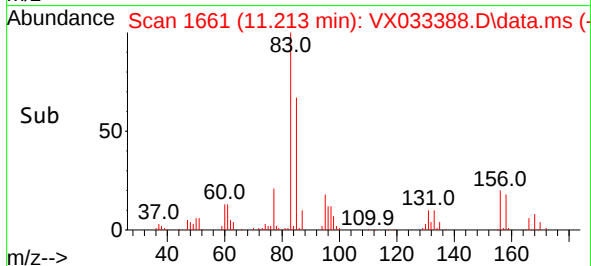
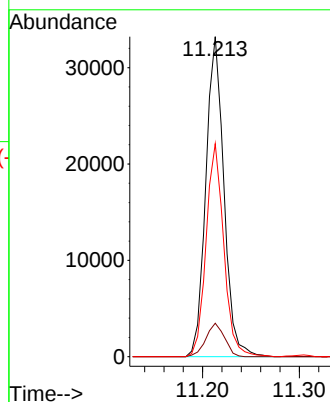
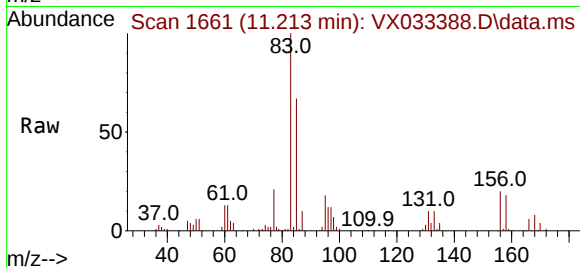
#75
1,1,2,2-Tetrachloroethane
Concen: 19.714 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 83 Resp: 4324
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 65.2 31.9 95.9

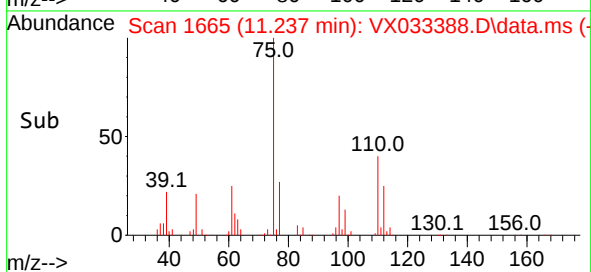
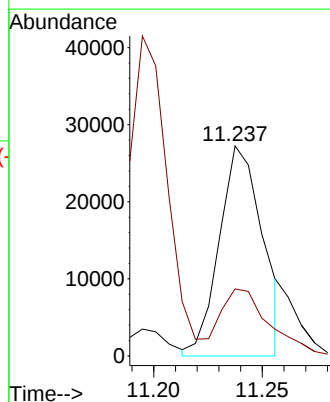
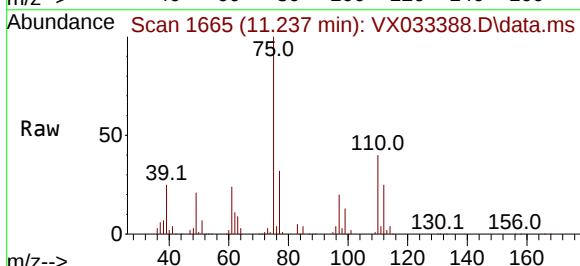
Manual Integrations
APPROVED

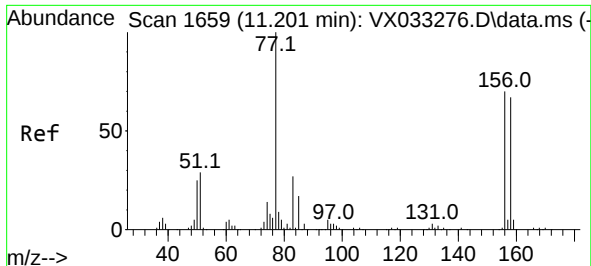
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#76
1,2,3-Trichloropropane
Concen: 19.483 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

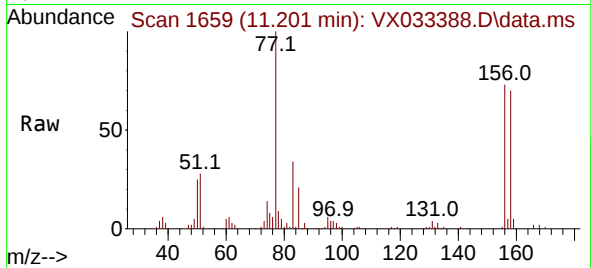
Tgt Ion: 75 Resp: 37811
Ion Ratio Lower Upper
75 100
77 37.5 20.0 60.0





#77
Bromobenzene
Concen: 20.277 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

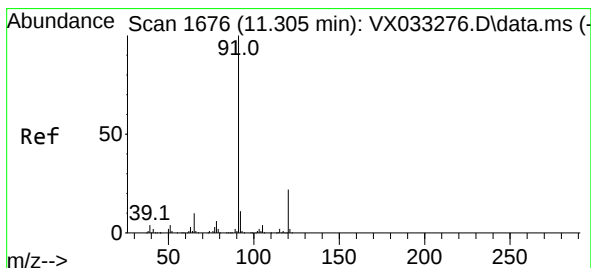
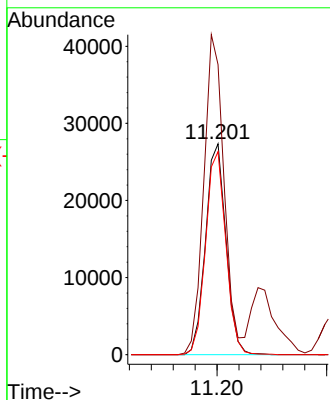
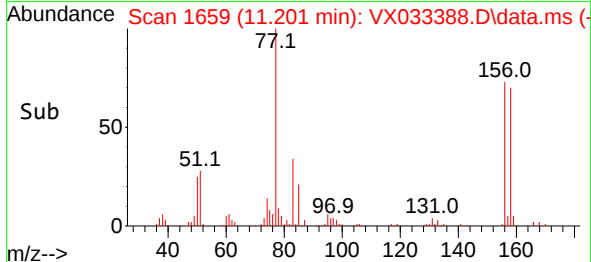
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



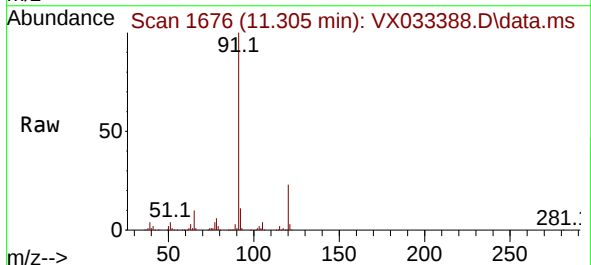
Tgt Ion:156 Resp: 3540
Ion Ratio Lower Upper
156 100
77 148.9 76.1 228.4
158 95.7 48.8 146.3

Manual Integrations
APPROVED

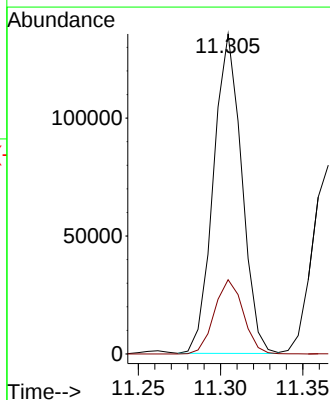
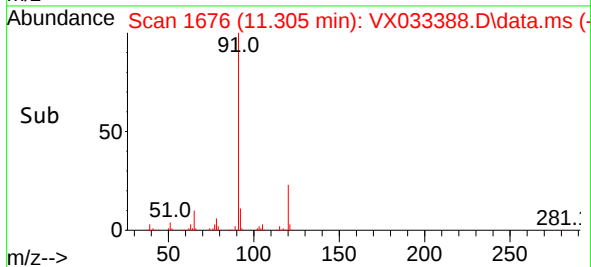
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

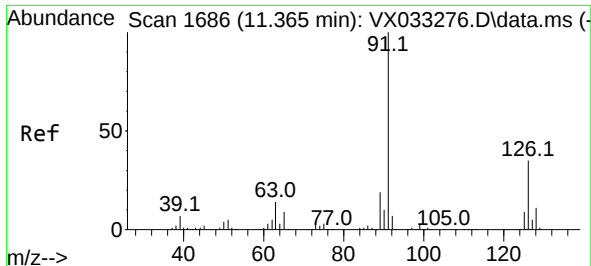


#78
n-propylbenzene
Concen: 20.981 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion: 91 Resp: 161975
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8





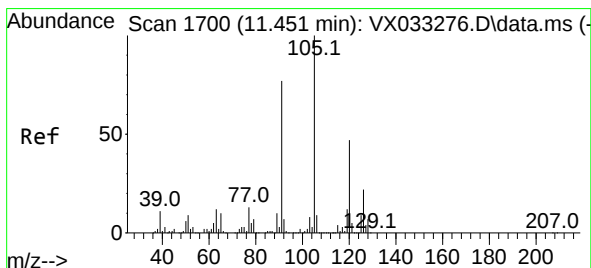
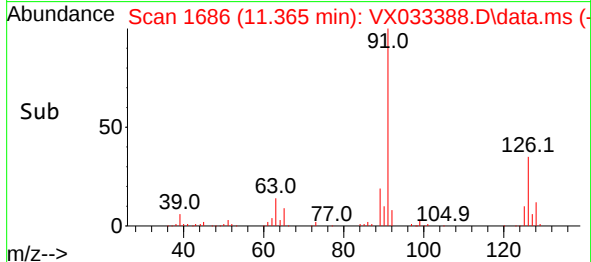
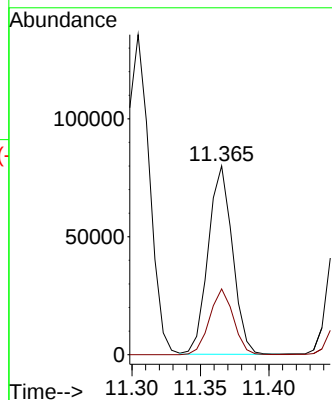
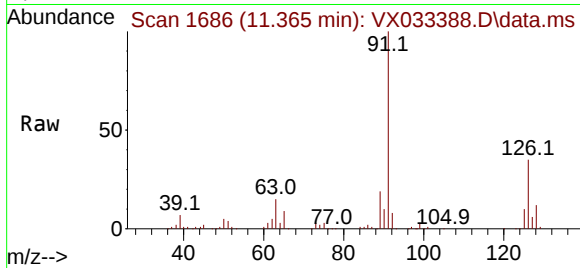
#79
2-Chlorotoluene
Concen: 20.648 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 91 Resp: 98510
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

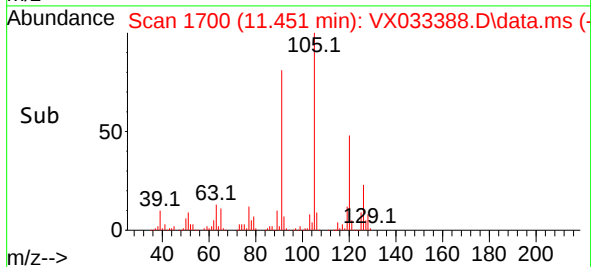
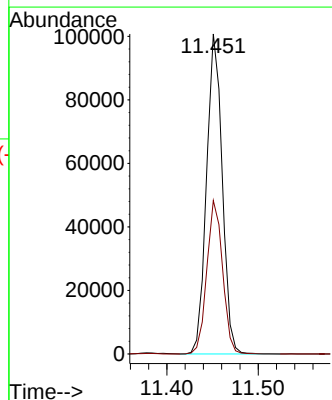
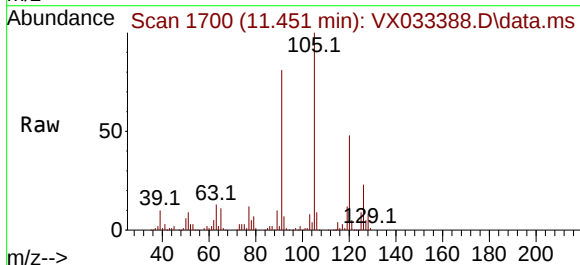
Manual Integrations
APPROVED

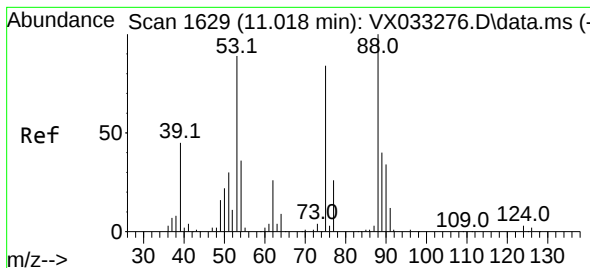
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.849 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion:105 Resp: 119989
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





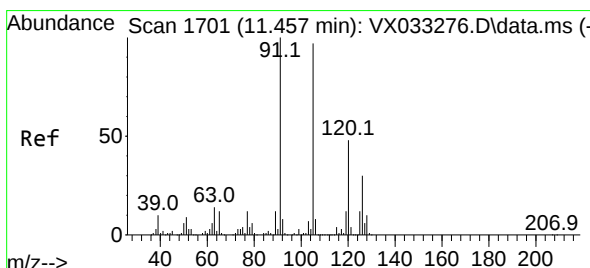
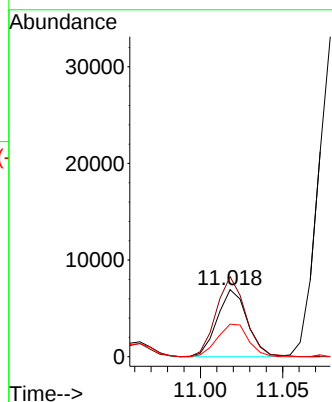
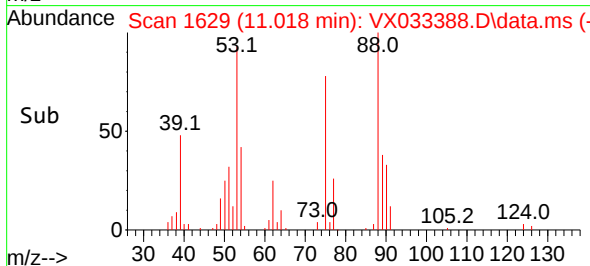
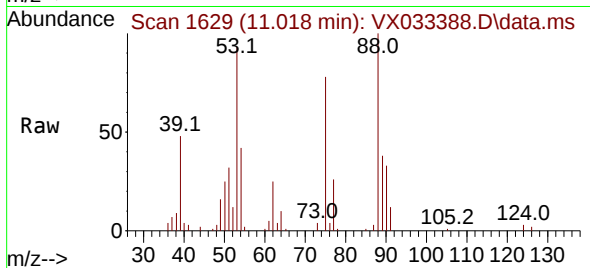
#81
trans-1,4-Dichloro-2-butene
Concen: 14.140 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tgt Ion: 75 Resp: 882
Ion Ratio Lower Upper
75 100
53 116.0 86.9 130.3
89 49.9 38.3 57.5

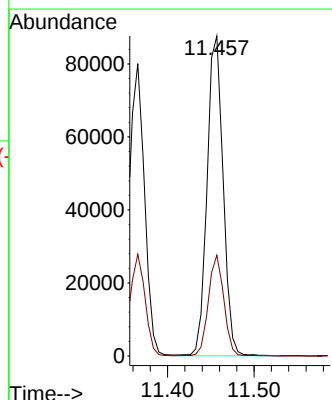
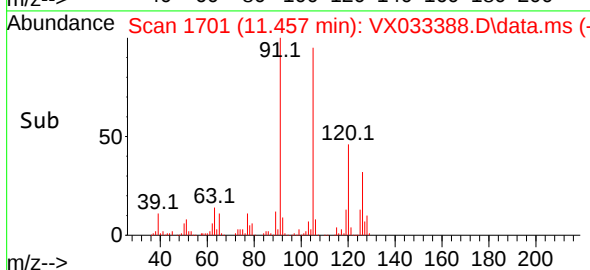
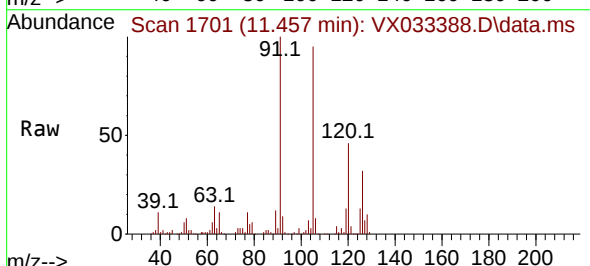
Manual Integrations
APPROVED

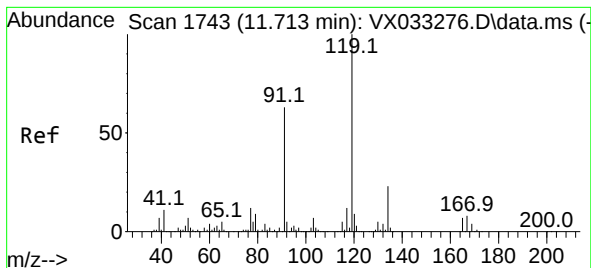
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 20.277 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

Tgt Ion: 91 Resp: 112492
Ion Ratio Lower Upper
91 100
126 30.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 21.066 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion:119 Resp: 120897

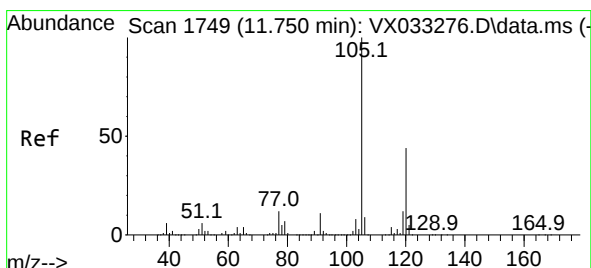
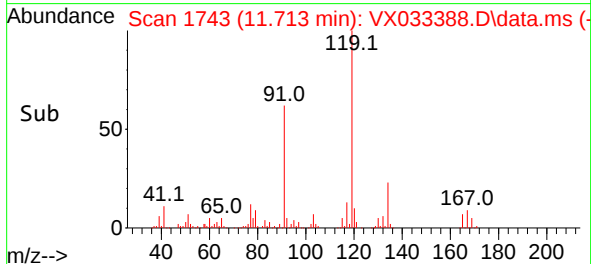
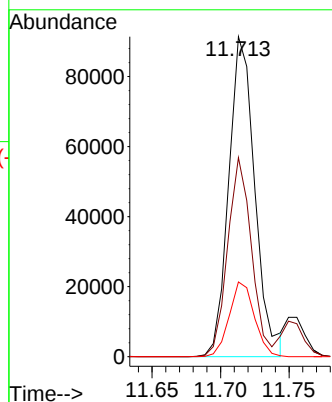
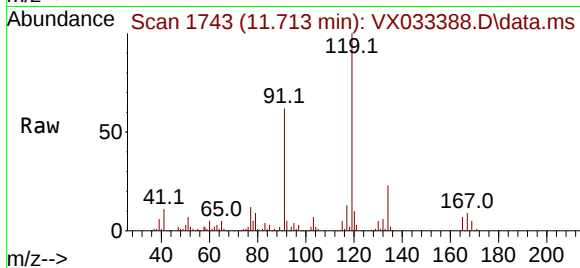
Ion	Ratio	Lower	Upper
119	100		
91	56.9	29.4	88.2
134	22.6	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 20.666 ug/l

RT: 11.750 min Scan# 1749

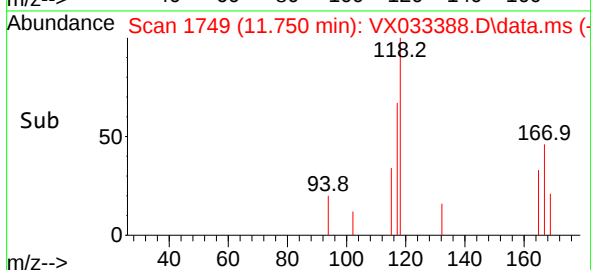
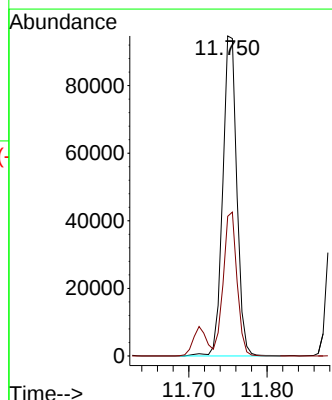
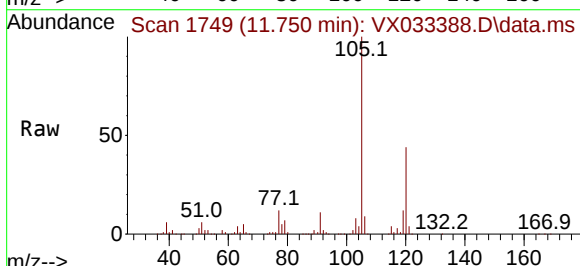
Delta R.T. 0.000 min

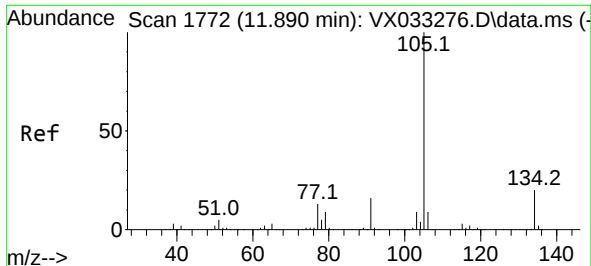
Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Tgt Ion:105 Resp: 118724

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.5





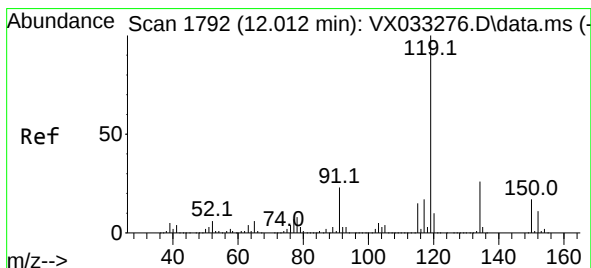
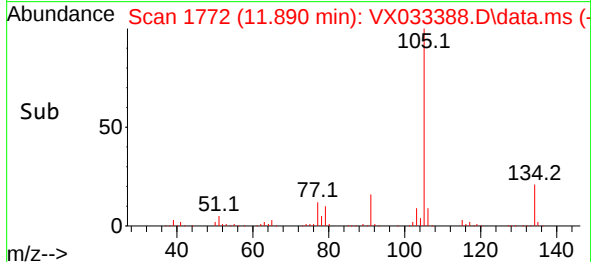
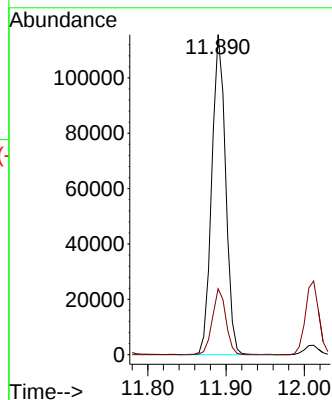
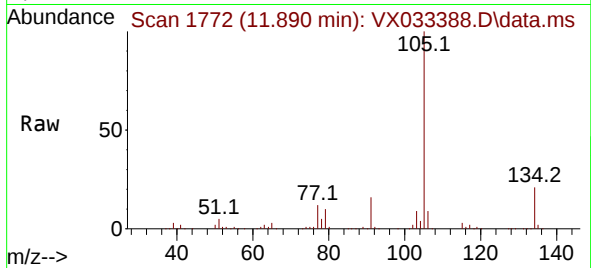
#85
 sec-Butylbenzene
 Concen: 21.152 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033388.D
 Acq: 13 Dec 2022 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tgt Ion:105 Resp: 14163
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

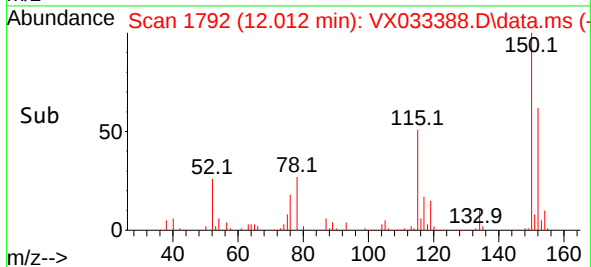
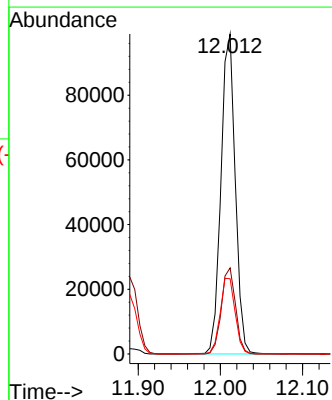
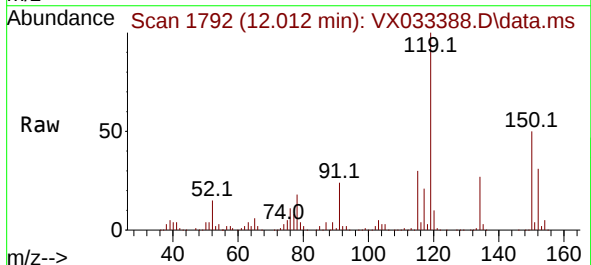
Manual Integrations
 APPROVED

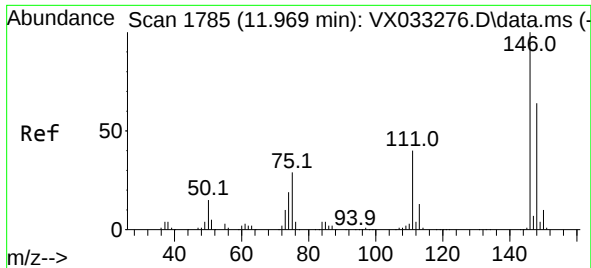
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#86
 p-Isopropyltoluene
 Concen: 20.744 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033388.D
 Acq: 13 Dec 2022 13:35

Tgt Ion:119 Resp: 119753
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.676 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

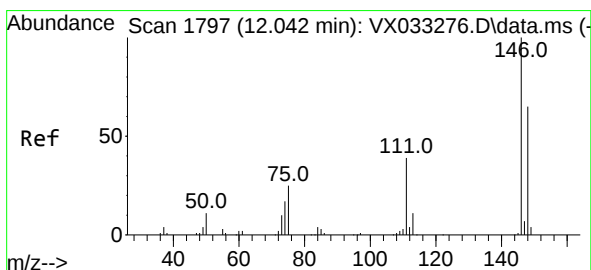
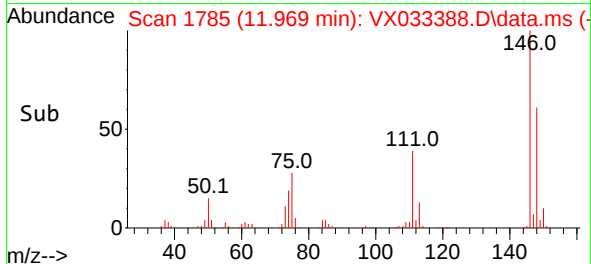
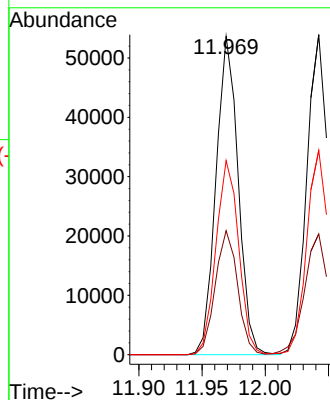
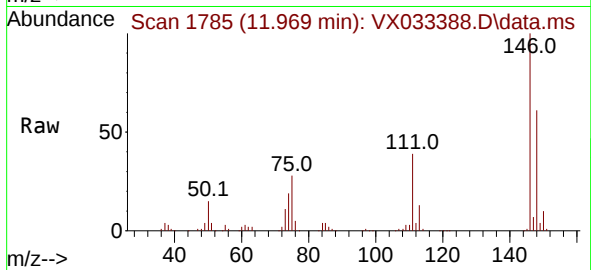
Tgt Ion:146 Resp: 65389
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.6 61.8
 148 62.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 20.151 ug/l

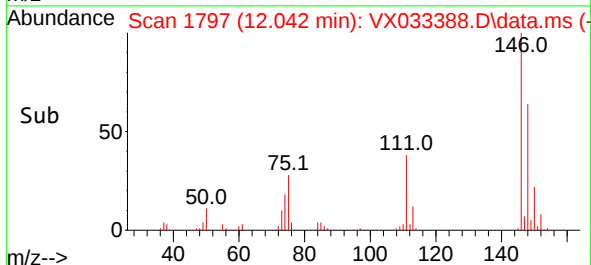
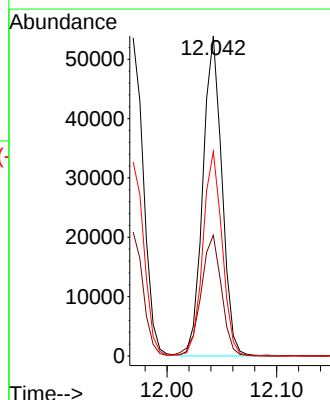
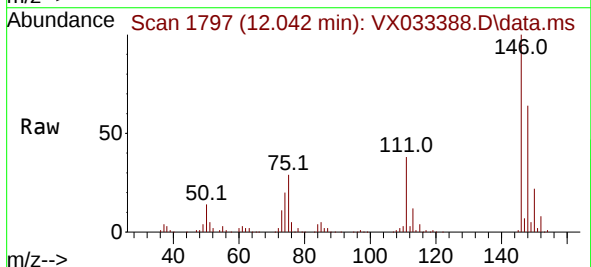
RT: 12.042 min Scan# 1797

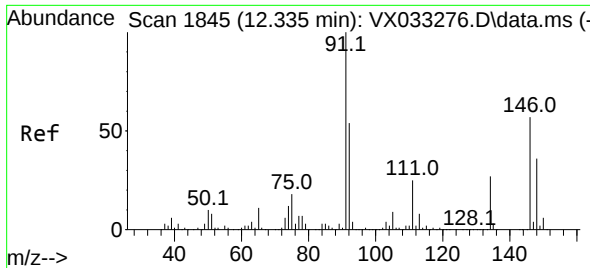
Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

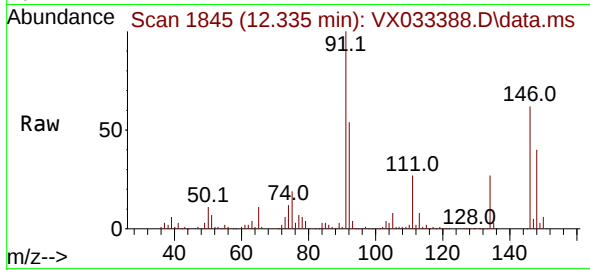
Tgt Ion:146 Resp: 65097
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.6
 148 64.4 32.2 96.6





#89
n-Butylbenzene
Concen: 20.600 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

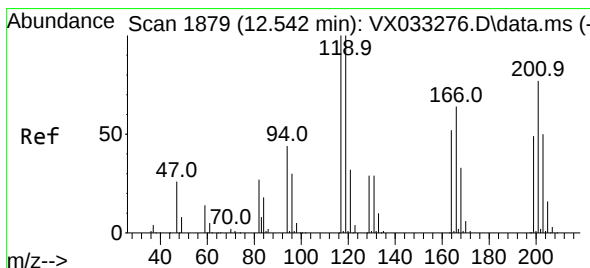
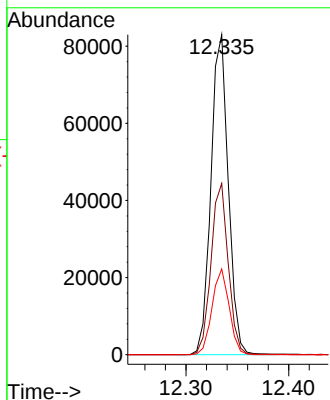
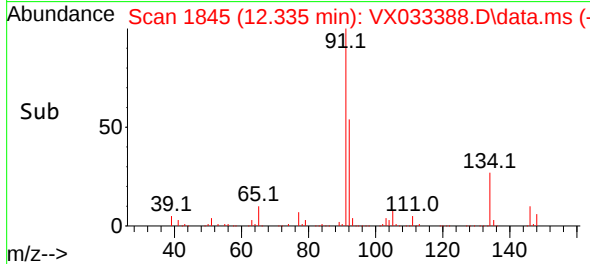
Instrument :
MSVOA_X
Client Sample Id :
VX1213WBSD01



Tgt Ion: 91 Resp: 97399
Ion Ratio Lower Upper
91 100
92 53.2 26.2 78.6
134 26.4 12.9 38.6

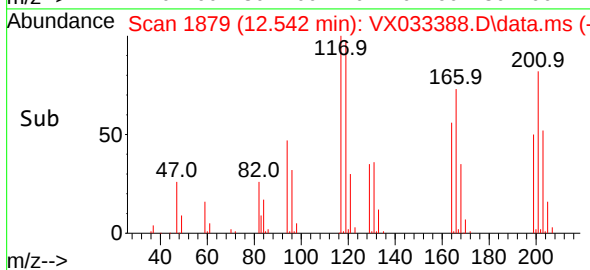
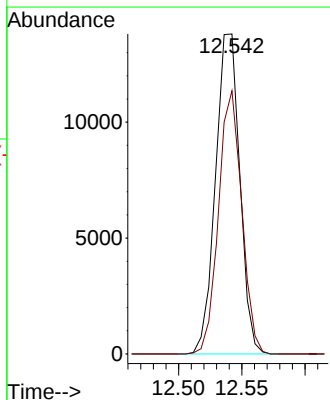
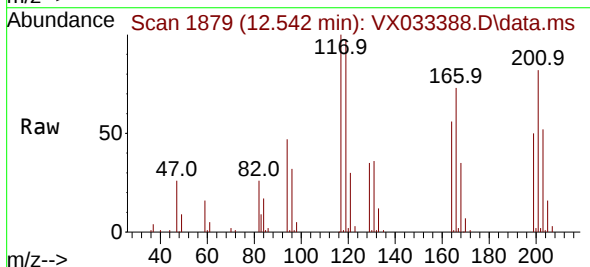
Manual Integrations
APPROVED

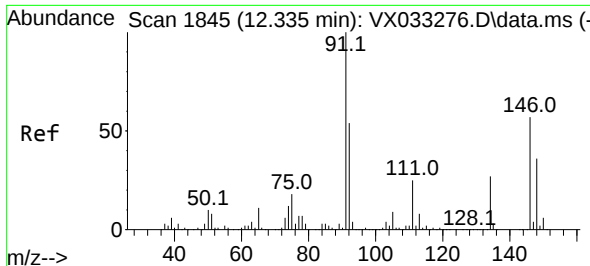
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 18.773 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

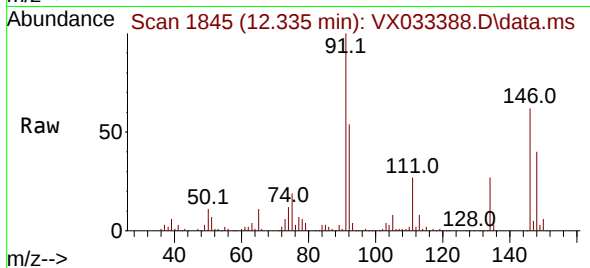
Tgt Ion:117 Resp: 18421
Ion Ratio Lower Upper
117 100
201 78.6 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 20.237 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

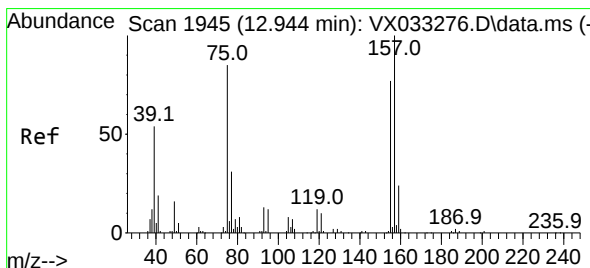
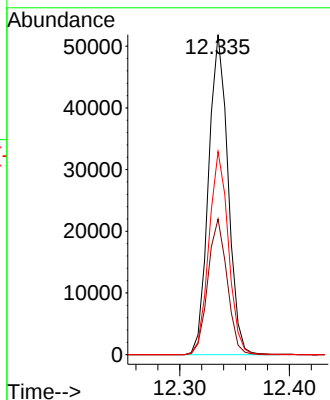
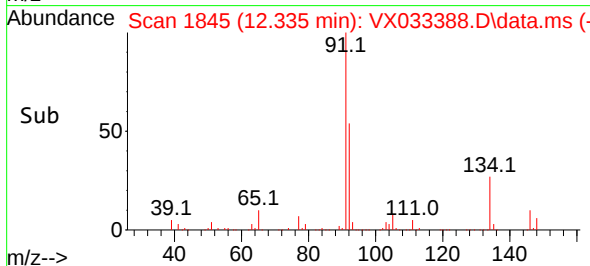
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



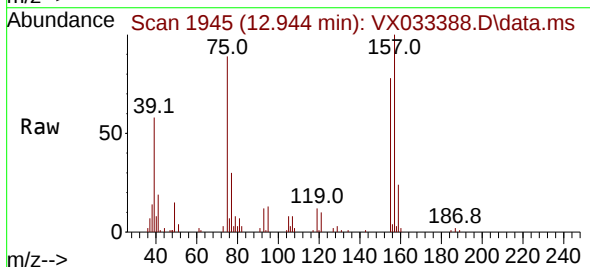
Tgt Ion:146 Resp: 63980
Ion Ratio Lower Upper
146 100
111 41.8 21.5 64.5
148 63.5 32.0 96.2

Manual Integrations
APPROVED

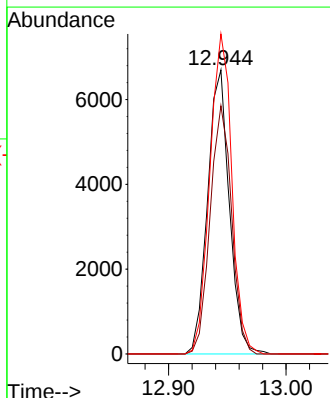
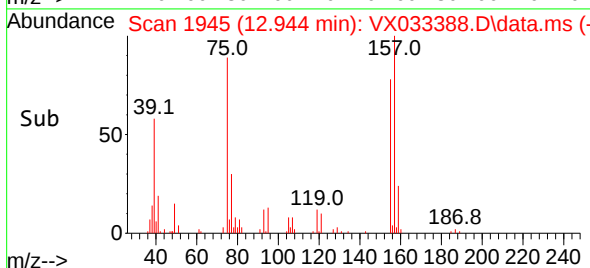
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

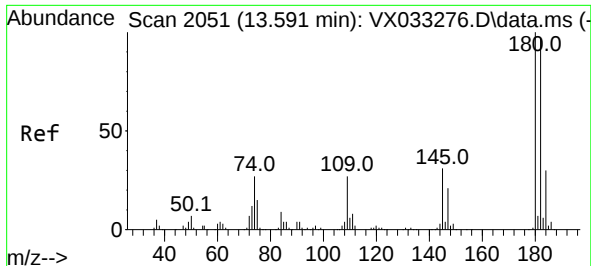


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.192 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion: 75 Resp: 8619
Ion Ratio Lower Upper
75 100
155 86.6 41.6 124.8
157 114.1 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 20.100 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tgt Ion:180 Resp: 3838

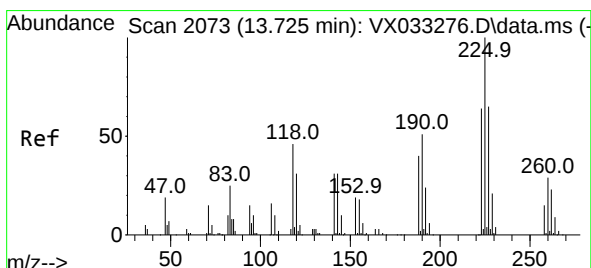
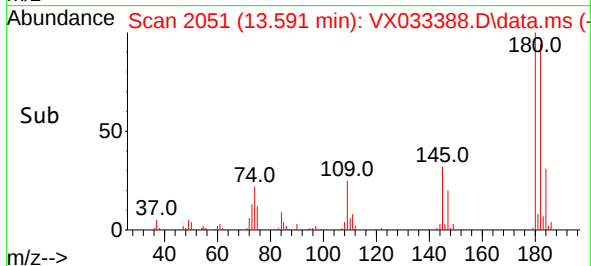
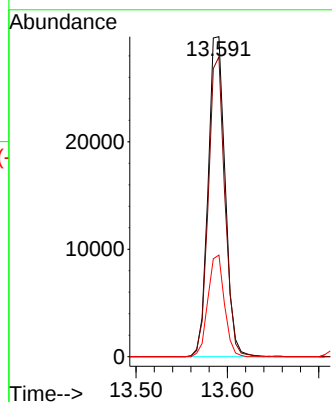
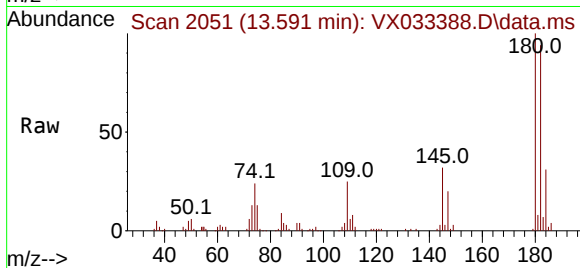
Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.4	145.0
145	30.7	16.2	48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#94

Hexachlorobutadiene

Concen: 21.010 ug/l

RT: 13.725 min Scan# 2073

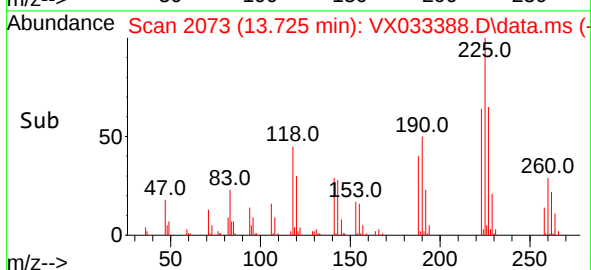
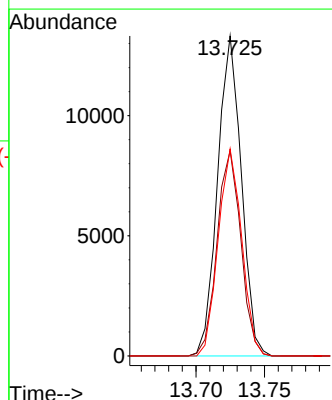
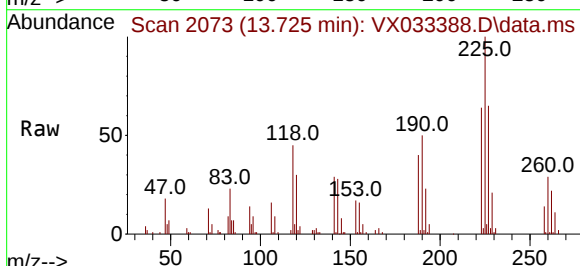
Delta R.T. 0.000 min

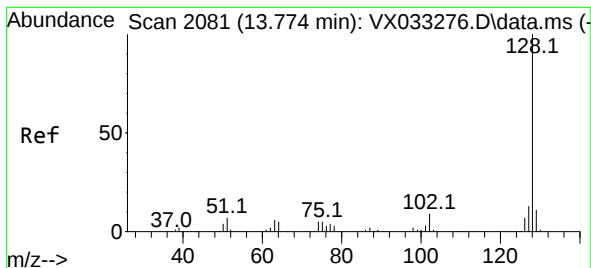
Lab File: VX033388.D

Acq: 13 Dec 2022 13:35

Tgt Ion:225 Resp: 16066

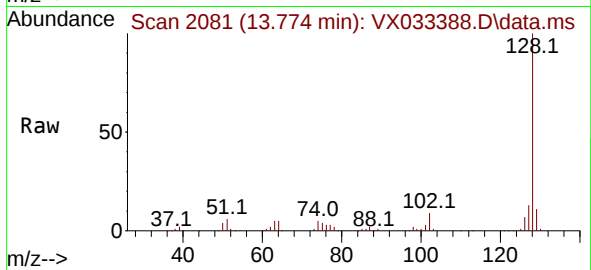
Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.9	95.9
227	63.8	31.9	95.5





#95
Naphthalene
Concen: 19.748 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35

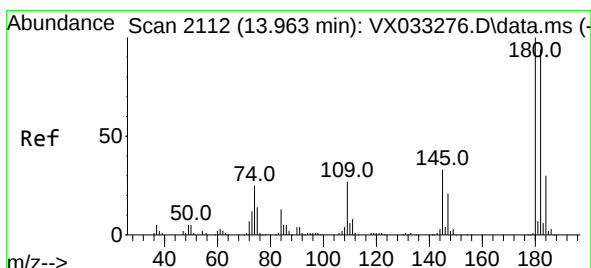
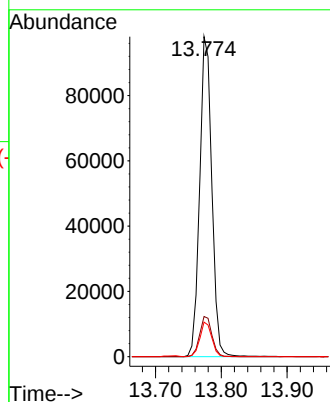
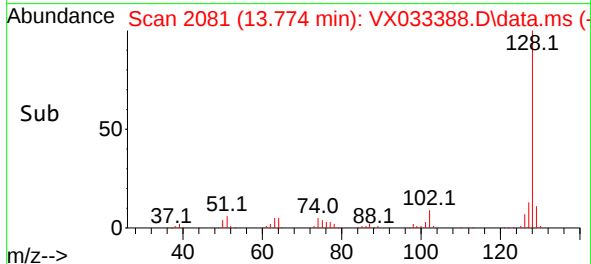
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01



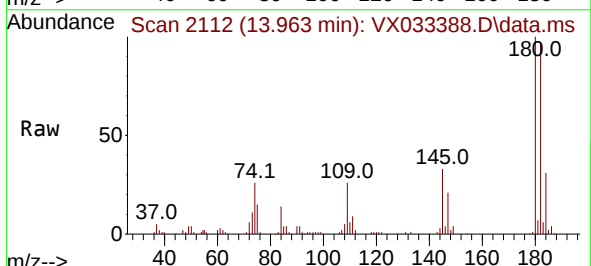
Tgt Ion:128 Resp: 125792
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.681 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033388.D
Acq: 13 Dec 2022 13:35



Tgt Ion:180 Resp: 38064
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 34.5 16.9 50.6

