

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033383.D
 Acq On : 13 Dec 2022 11:36
 Operator : JC/MD
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Quant Time: Dec 14 05:34:25 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	138241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40146	45.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.540%		
35) Dibromofluoromethane	5.385	113	46558	48.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.680%		
50) Toluene-d8	8.647	98	99156	49.722	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.440%		
62) 4-Bromofluorobenzene	11.079	95	78080	51.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17983	18.622	ug/l	98
3) Chloromethane	1.294	50	18478	16.549	ug/l	100
4) Vinyl Chloride	1.374	62	21197	16.627	ug/l	97
5) Bromomethane	1.617	94	15227	16.275	ug/l	100
6) Chloroethane	1.691	64	16429	16.989	ug/l	98
7) Trichlorofluoromethane	1.892	101	45933	19.191	ug/l	99
8) Diethyl Ether	2.136	74	14877	17.209	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	24658	19.421	ug/l	99
10) Methyl Iodide	2.453	142	20807	14.963	ug/l	98
11) Tert butyl alcohol	3.001	59	22866m	84.332	ug/l	
12) 1,1-Dichloroethene	2.325	96	22963	18.322	ug/l	98
13) Acrolein	2.239	56	28490	96.882	ug/l	100
14) Allyl chloride	2.666	41	33953	16.965	ug/l	97
15) Acrylonitrile	3.068	53	55130	82.081	ug/l	99
16) Acetone	2.392	43	63966	97.471	ug/l	99
17) Carbon Disulfide	2.514	76	54993	17.097	ug/l	99
18) Methyl Acetate	2.703	43	31191	16.418	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	78106	17.992	ug/l	99
20) Methylene Chloride	2.794	84	24776	16.929	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	24717	18.029	ug/l	98
22) Diisopropyl ether	3.757	45	76529	17.847	ug/l #	86
23) Vinyl Acetate	3.721	43	282626	84.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	44773	17.771	ug/l	99
25) 2-Butanone	4.568	43	82611	87.697	ug/l	100
26) 2,2-Dichloropropane	4.477	77	35485	19.152	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	29510	18.011	ug/l	97
28) Bromochloromethane	4.897	49	20141	19.097	ug/l	90
29) Tetrahydrofuran	5.013	42	48863	80.061	ug/l	98
30) Chloroform	5.092	83	50969	18.222	ug/l	100
31) Cyclohexane	5.470	56	38280	18.162	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	46372	19.269	ug/l	99
36) 1,1-Dichloropropene	5.696	75	35626	19.168	ug/l	99
37) Ethyl Acetate	4.708	43	29989	17.069	ug/l	98
38) Carbon Tetrachloride	5.684	117	41071	19.723	ug/l	100
39) Methylcyclohexane	7.379	83	41322	19.863	ug/l	98
40) Benzene	6.037	78	102354	18.888	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17004	17.564	ug/l	96
42) 1,2-Dichloroethane	6.086	62	40013	18.594	ug/l	98
43) Isopropyl Acetate	6.342	43	49125	17.378	ug/l	98
44) Trichloroethene	7.129	130	29228	19.562	ug/l	96
45) 1,2-Dichloropropane	7.434	63	25687	18.535	ug/l	99
46) Dibromomethane	7.580	93	19804	18.758	ug/l	99
47) Bromodichloromethane	7.824	83	39403	19.147	ug/l	100
48) Methyl methacrylate	7.696	41	25548	17.511	ug/l	95
49) 1,4-Dioxane	7.714	88	12275	368.966	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	159453	89.196	ug/l	97
52) Toluene	8.720	92	68446	19.535	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	37586	18.655	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	40963	18.705	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	27739	18.834	ug/l	98
56) Ethyl methacrylate	9.116	69	38524	18.578	ug/l	92
57) 1,3-Dichloropropane	9.305	76	44578	18.841	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	80832	85.192	ug/l	97
59) 2-Hexanone	9.427	43	121522	92.245	ug/l	97
60) Dibromochloromethane	9.519	129	31662	19.512	ug/l	98
61) 1,2-Dibromoethane	9.610	107	29377	18.752	ug/l	100
64) Tetrachloroethene	9.275	164	26205	19.742	ug/l	96
65) Chlorobenzene	10.079	112	75401	19.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29227	19.675	ug/l	98
67) Ethyl Benzene	10.195	91	135049	19.721	ug/l	99
68) m/p-Xylenes	10.299	106	103865	38.983	ug/l	99
69) o-Xylene	10.640	106	50329	19.110	ug/l	99
70) Styrene	10.652	104	84096	19.497	ug/l	99
71) Bromoform	10.799	173	21855	18.587	ug/l #	99
73) Isopropylbenzene	10.963	105	135879	19.126	ug/l	99
74) N-amyl acetate	10.841	43	41958	17.310	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	40757	18.083	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36618m	18.362	ug/l	
77) Bromobenzene	11.195	156	33297	18.560	ug/l	99
78) n-propylbenzene	11.305	91	151344	19.078	ug/l	99
79) 2-Chlorotoluene	11.366	91	93147	19.000	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	113771	19.238	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10412	16.241	ug/l	98
82) 4-Chlorotoluene	11.457	91	104770	18.378	ug/l	98
83) tert-Butylbenzene	11.713	119	110964	18.816	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114566	19.407	ug/l	99
85) sec-Butylbenzene	11.890	105	135589	19.706	ug/l	100
86) p-Isopropyltoluene	12.006	119	114068	19.229	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61398	18.893	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	62744	18.902	ug/l	99
89) n-Butylbenzene	12.335	91	93471	19.238	ug/l	99
90) Hexachloroethane	12.536	117	18340	18.189	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	60827	18.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8379	17.211	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	36542	18.623	ug/l	97
94) Hexachlorobutadiene	13.725	225	15616	19.874	ug/l	98
95) Naphthalene	13.774	128	119904	18.319	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36089	18.159	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

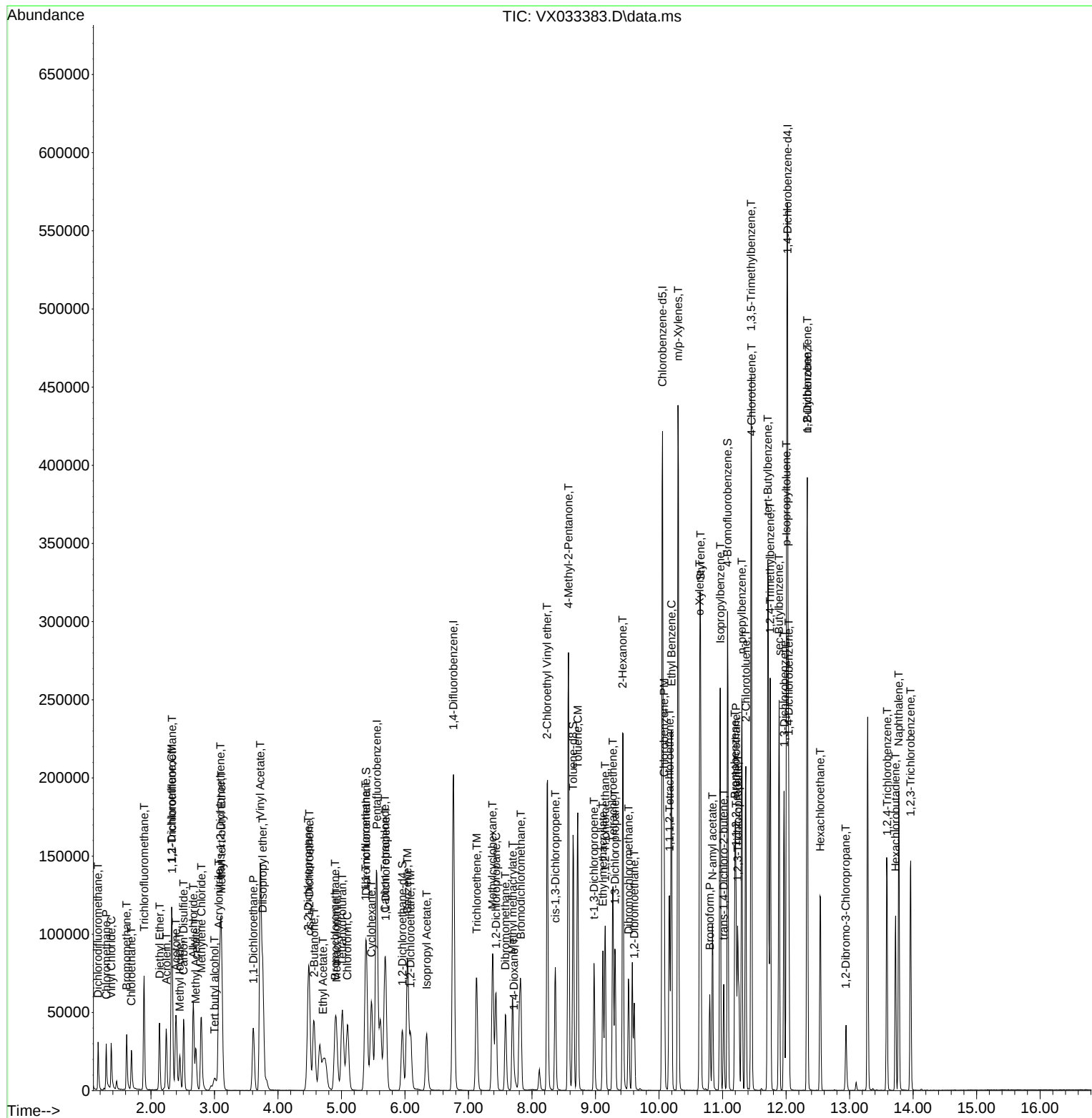
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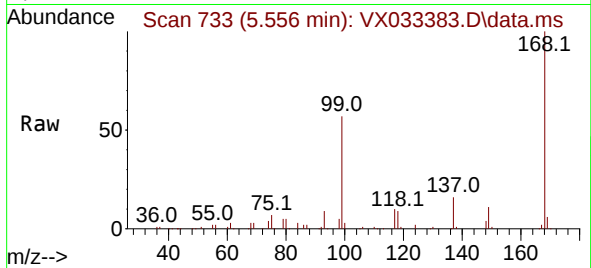
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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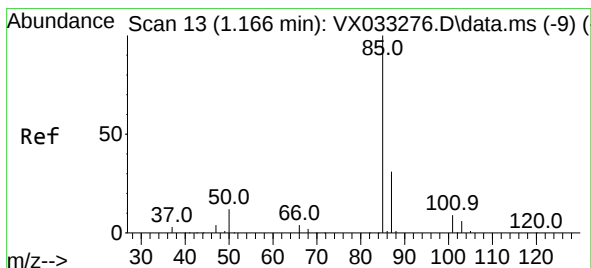
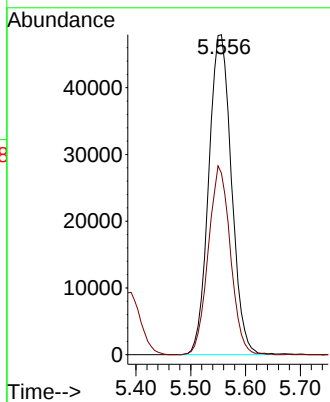
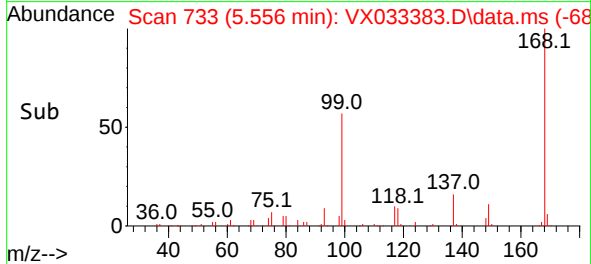
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MSVOA_X
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VX1213WBS01



Tgt Ion:168 Resp: 13824
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1

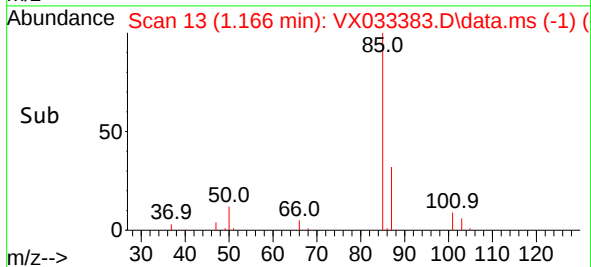
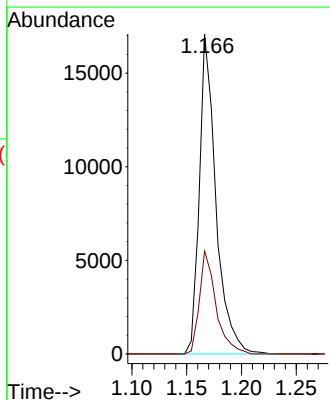
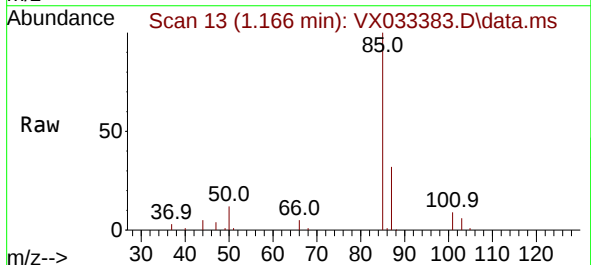
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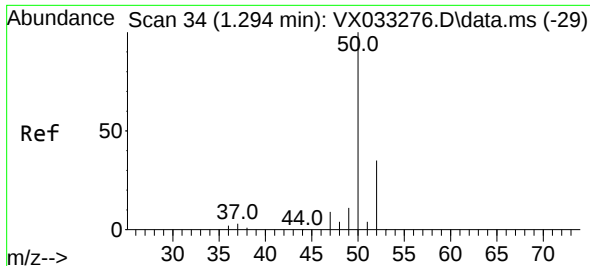
Reviewed By :John Carlone 12/14/2022
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#2
Dichlorodifluoromethane
Concen: 18.622 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

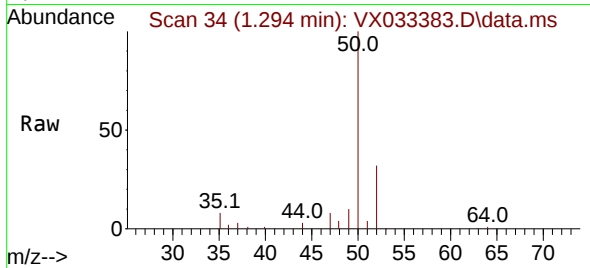
Tgt Ion: 85 Resp: 17983
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.7





#3
Chloromethane
Concen: 16.549 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

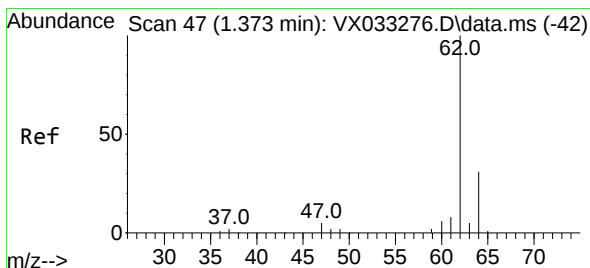
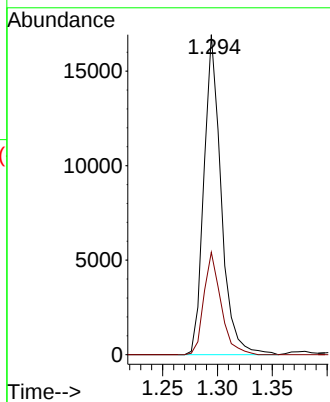
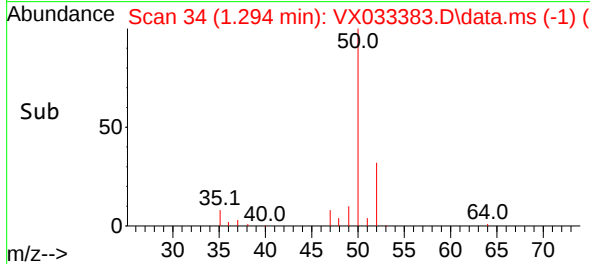
Instrument :
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VX1213WBS01



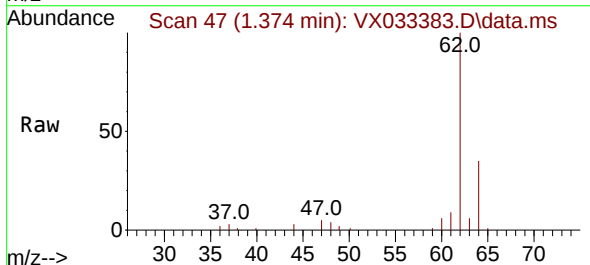
Tgt Ion: 50 Resp: 18478
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

Manual Integrations
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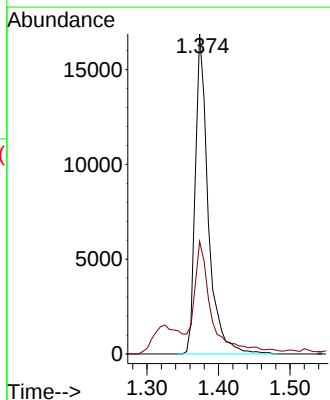
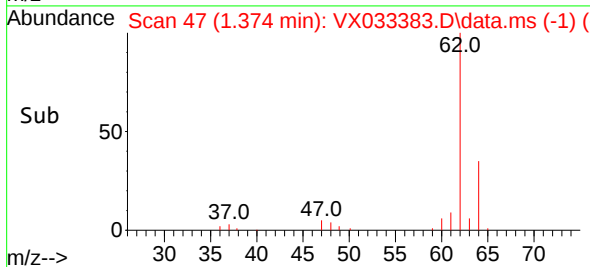
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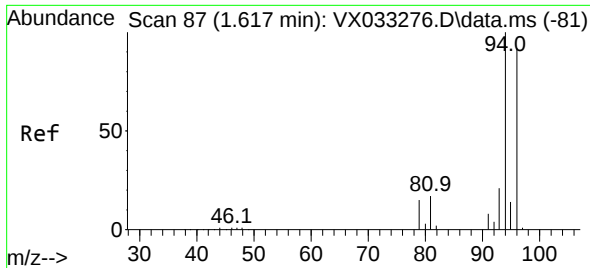


#4
Vinyl Chloride
Concen: 16.627 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion: 62 Resp: 21197
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.6





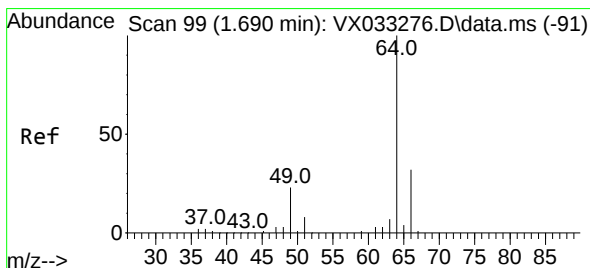
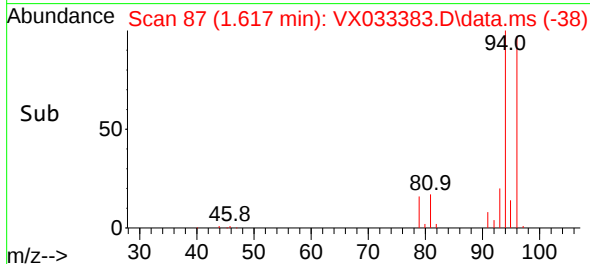
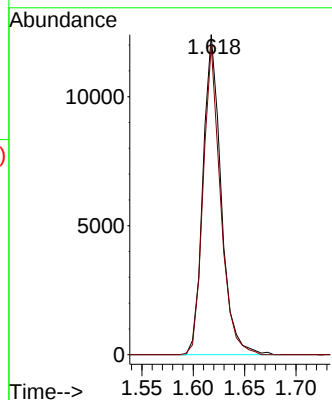
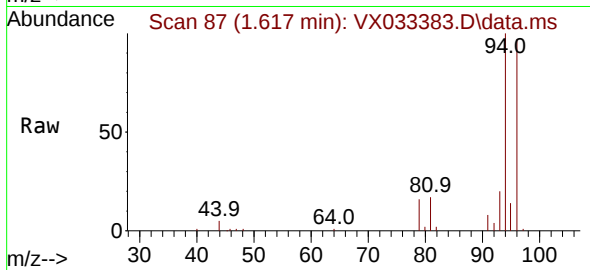
#5
Bromomethane
Concen: 16.275 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033383.D
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Instrument :
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Tgt Ion: 94 Resp: 1522
Ion Ratio Lower Upper
94 100
96 96.6 77.6 116.4

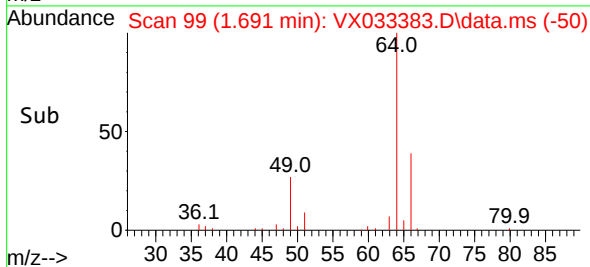
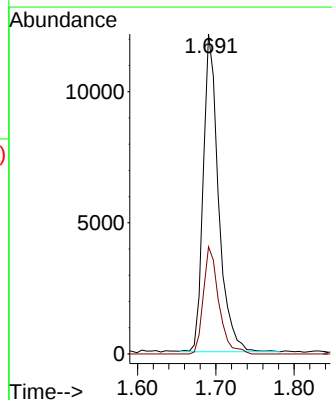
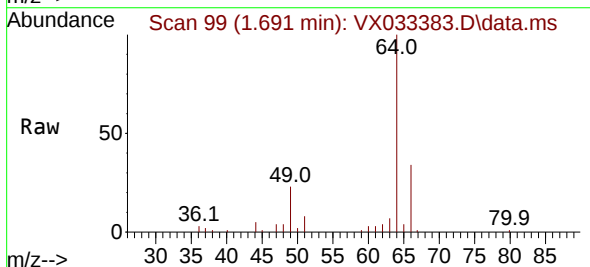
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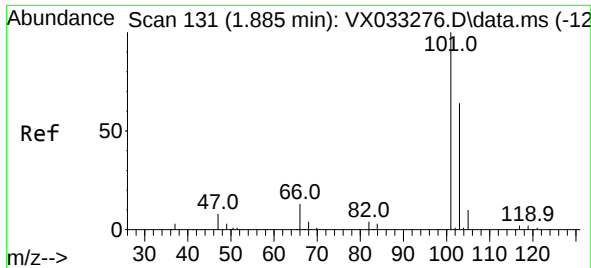
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#6
Chloroethane
Concen: 16.989 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 64 Resp: 16429
Ion Ratio Lower Upper
64 100
66 33.8 26.0 39.0





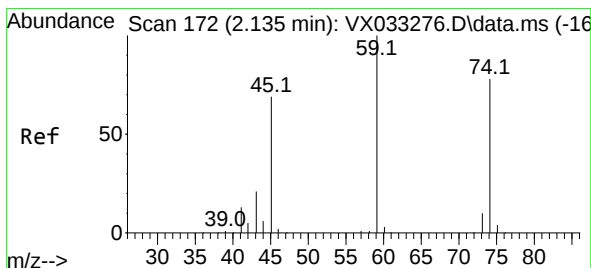
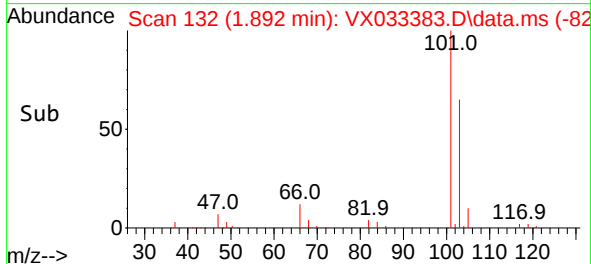
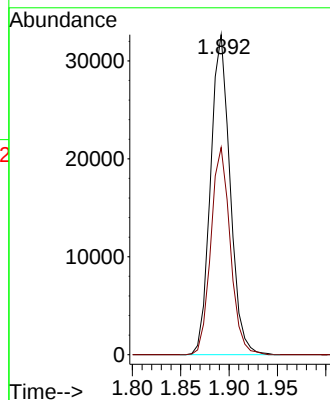
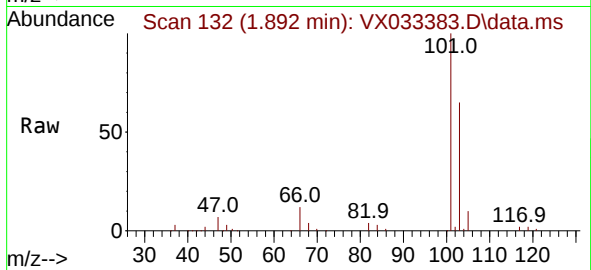
#7
Trichlorofluoromethane
Concen: 19.191 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 4593
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

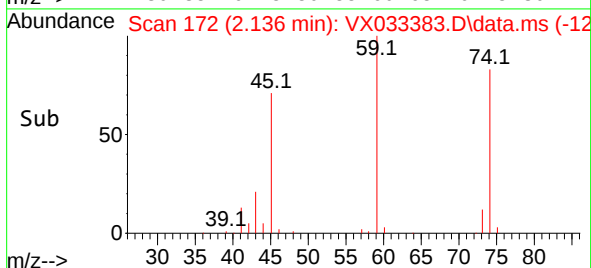
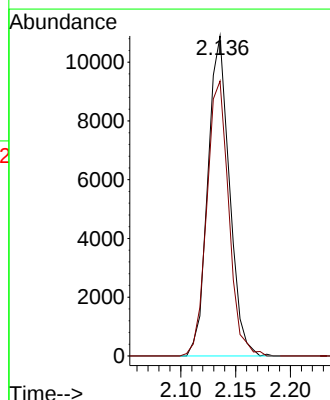
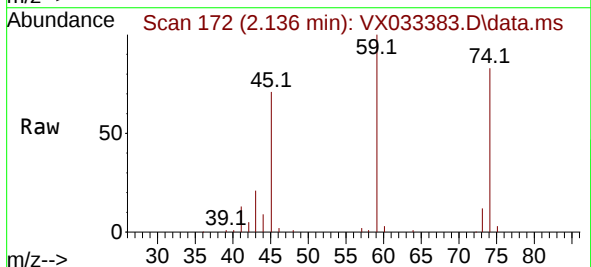
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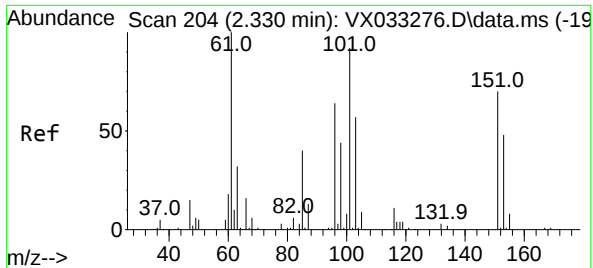
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#8
Diethyl Ether
Concen: 17.209 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 74 Resp: 14877
Ion Ratio Lower Upper
74 100
45 87.4 46.6 139.7





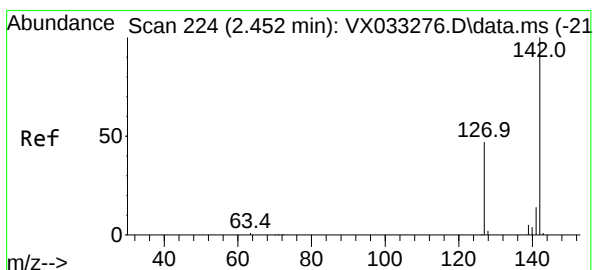
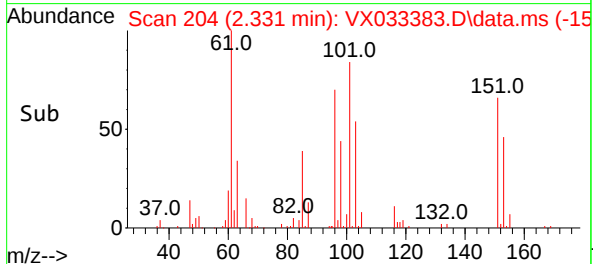
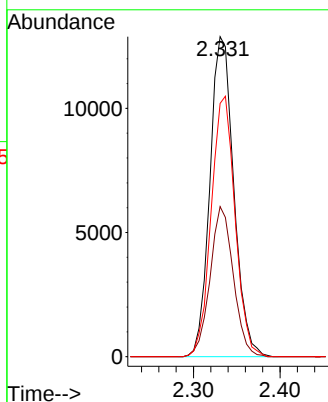
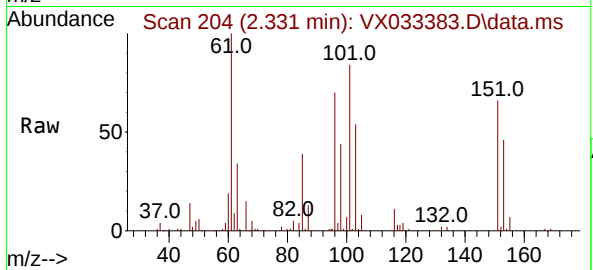
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.421 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:101 Resp: 24658
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.4
151 81.5 64.4 96.6

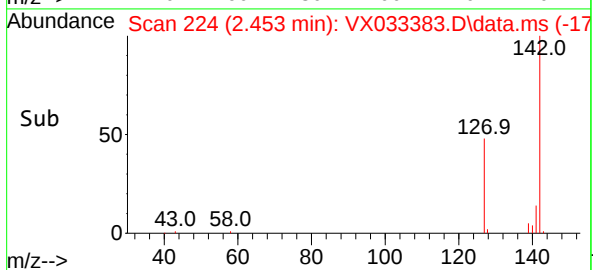
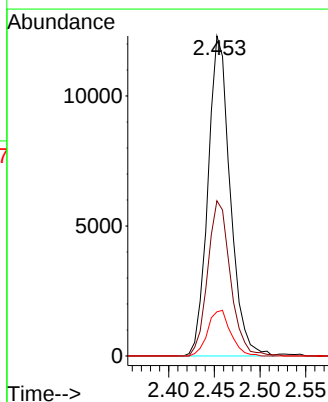
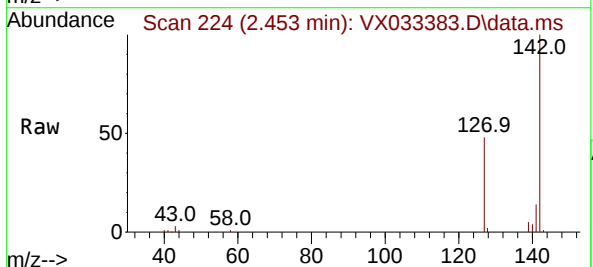
Manual Integrations
APPROVED

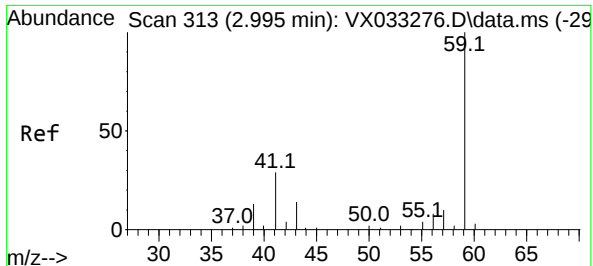
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 14.963 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion:142 Resp: 20807
Ion Ratio Lower Upper
142 100
127 49.4 38.6 57.8
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 84.332 ug/l m

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 59 Resp: 2286

Ion Ratio Lower Upper

59 100

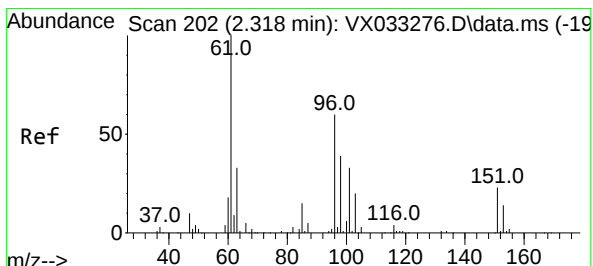
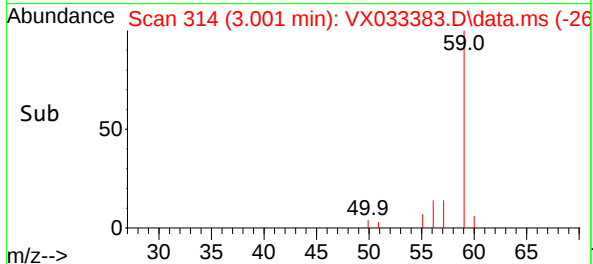
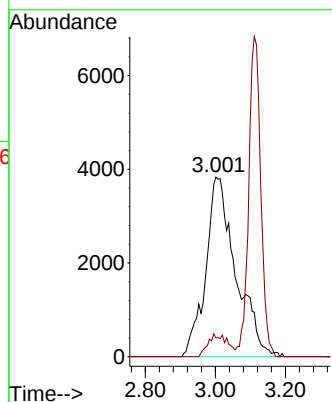
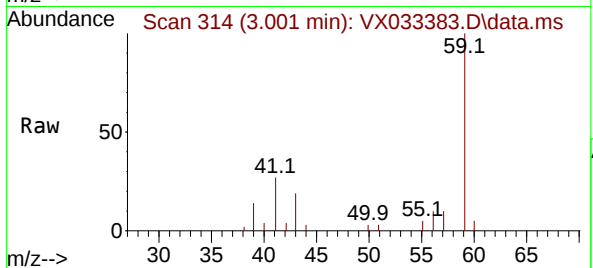
57 8.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#12

1,1-Dichloroethene

Concen: 18.322 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

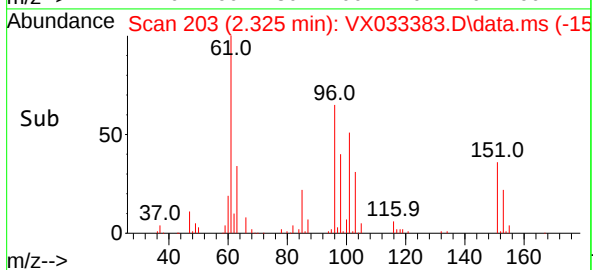
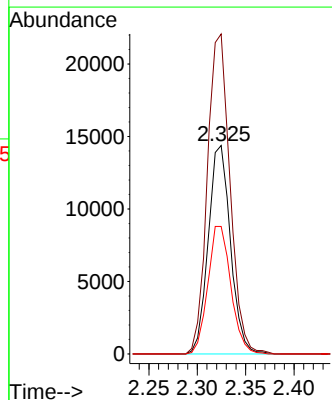
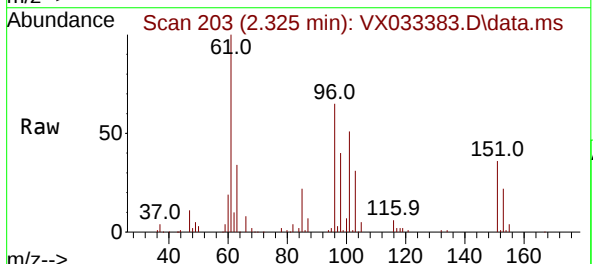
Tgt Ion: 96 Resp: 22963

Ion Ratio Lower Upper

96 100

61 153.5 125.1 187.7

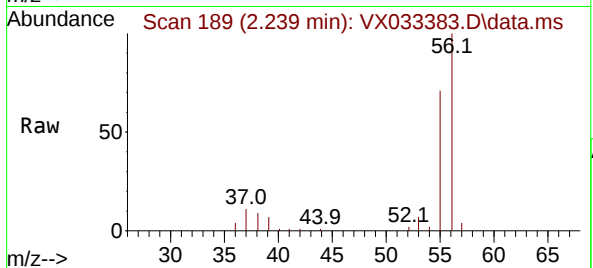
98 61.2 50.6 76.0





#13
Acrolein
Concen: 96.882 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

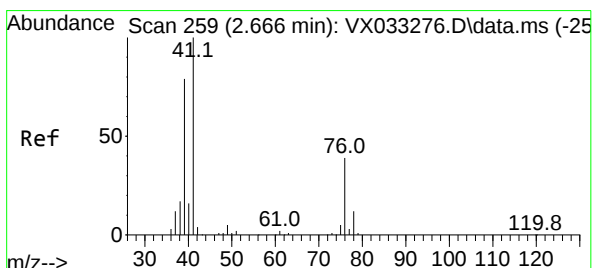
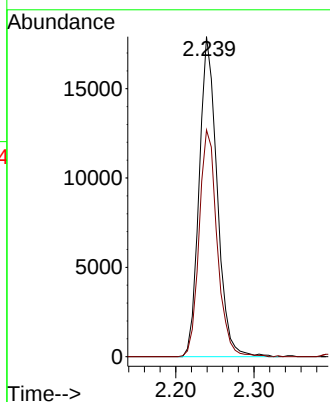
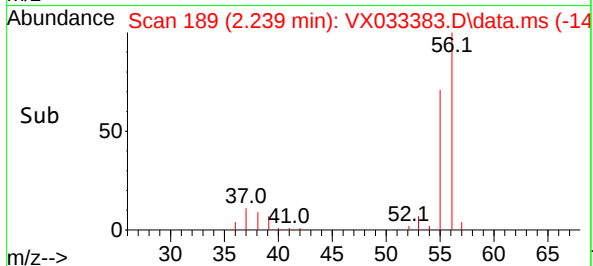
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



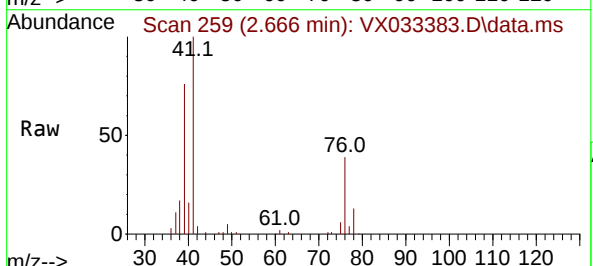
Tgt Ion: 56 Resp: 28490
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3

Manual Integrations
APPROVED

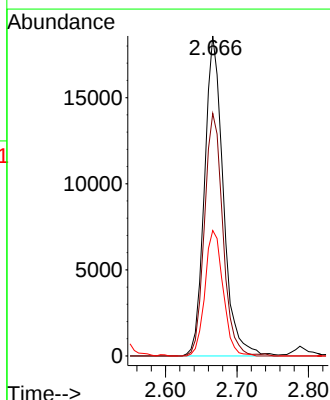
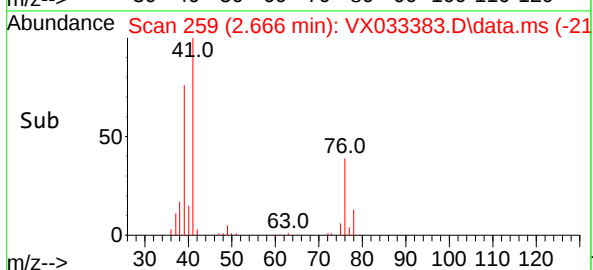
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

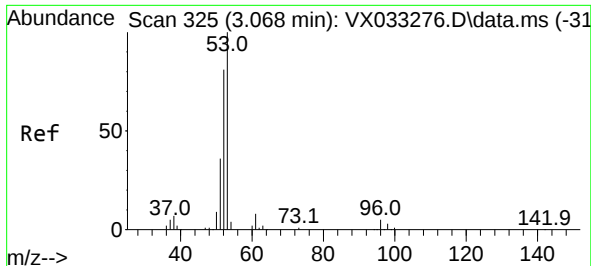


#14
Allyl chloride
Concen: 16.965 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion: 41 Resp: 33953
Ion Ratio Lower Upper
41 100
39 74.0 61.4 92.2
76 37.7 29.2 43.8





#15

Acrylonitrile

Concen: 82.081 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

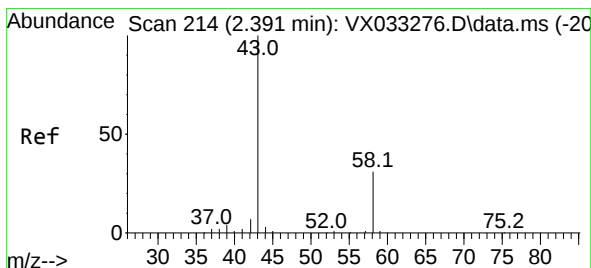
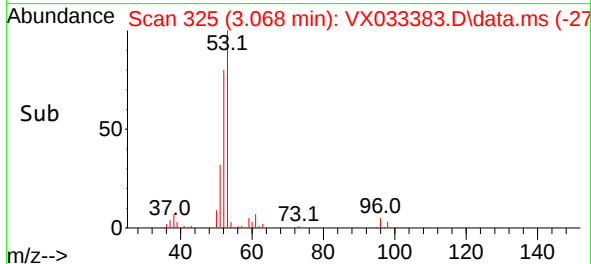
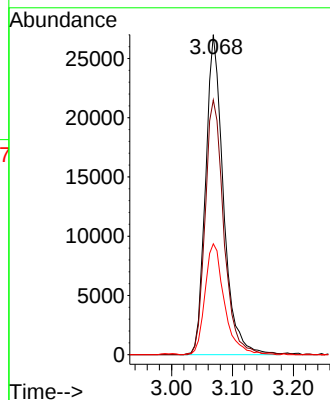
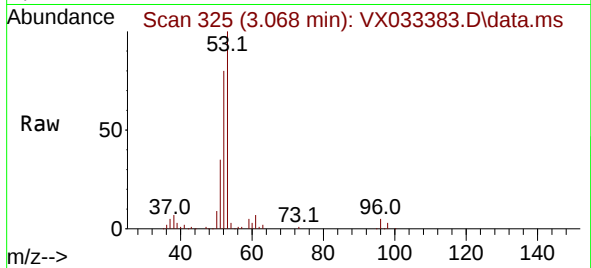
Tgt Ion: 53	Resp: 55130
Ion Ratio	Lower Upper
53 100	
52 82.6	67.4 101.0
51 37.6	30.3 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#16

Acetone

Concen: 97.471 ug/l

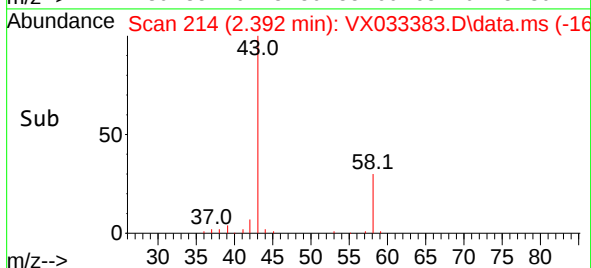
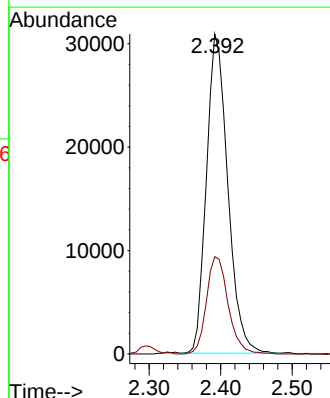
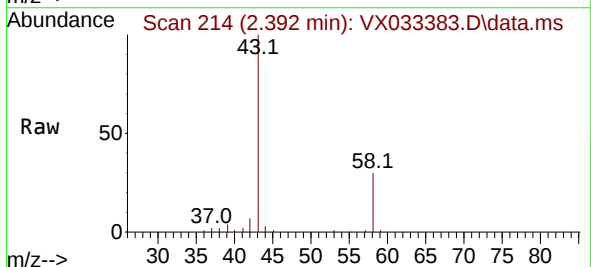
RT: 2.392 min Scan# 214

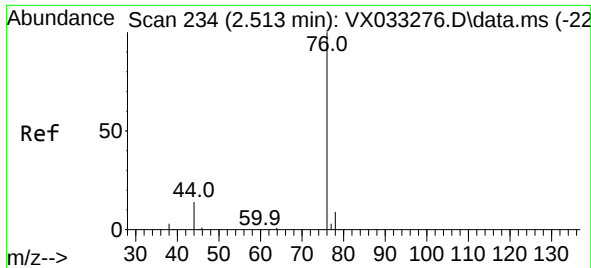
Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Tgt Ion: 43	Resp: 63966
Ion Ratio	Lower Upper
43 100	
58 30.5	23.8 35.8





#17

Carbon Disulfide

Concen: 17.097 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 76 Resp: 5499

Ion Ratio Lower Upper

76 100

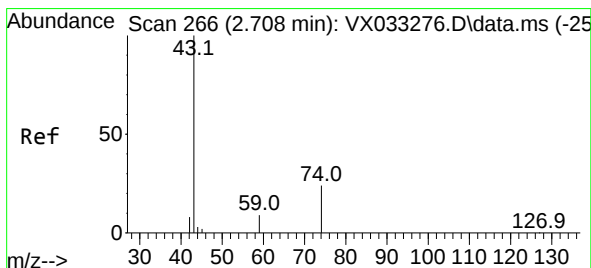
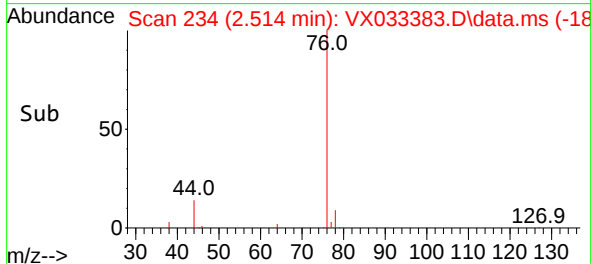
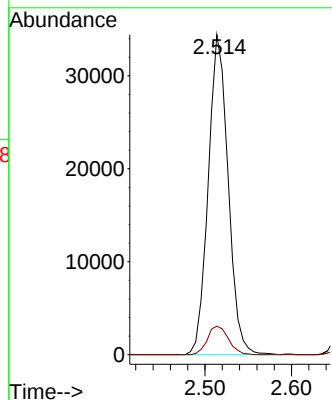
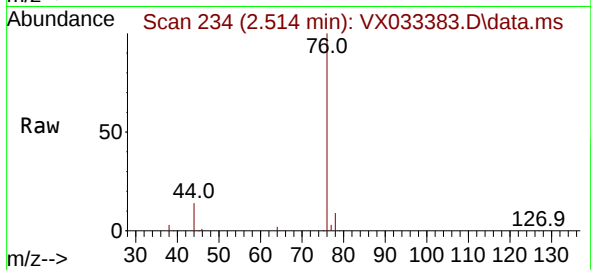
78 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#18

Methyl Acetate

Concen: 16.418 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033383.D

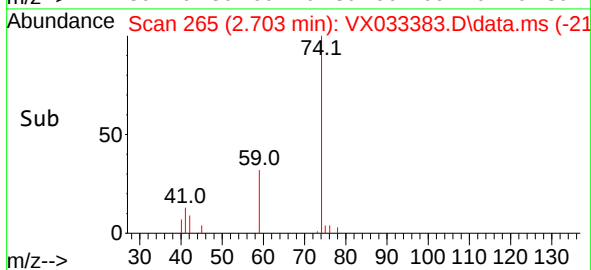
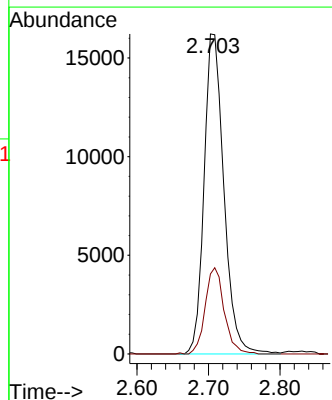
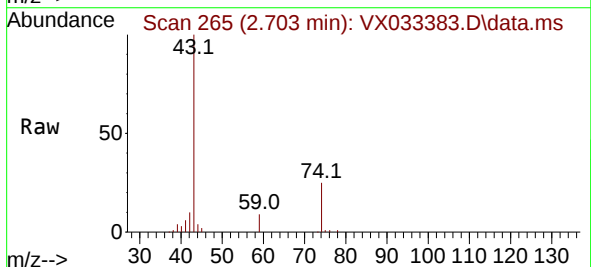
Acq: 13 Dec 2022 11:36

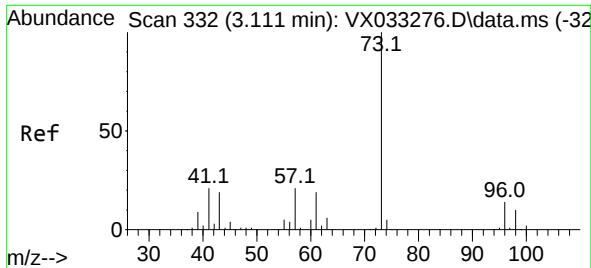
Tgt Ion: 43 Resp: 31191

Ion Ratio Lower Upper

43 100

74 26.0 19.4 29.0





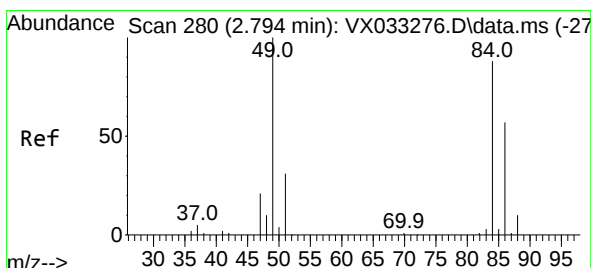
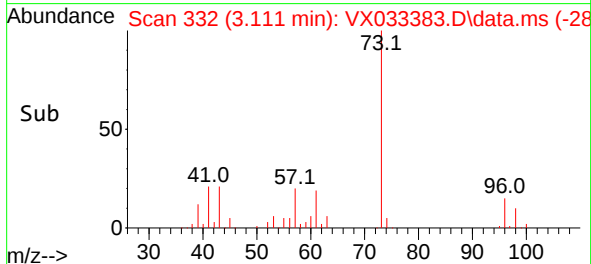
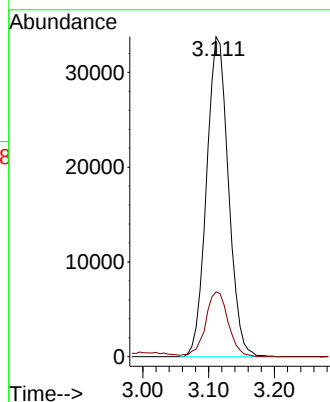
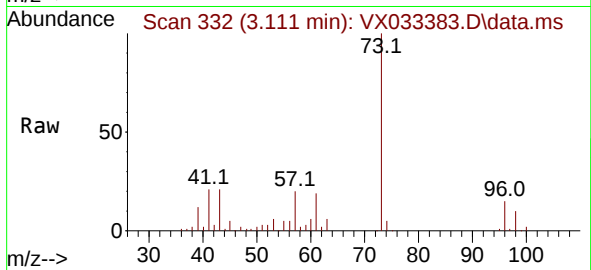
#19
Methyl tert-butyl Ether
Concen: 17.992 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 73 Resp: 78100
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

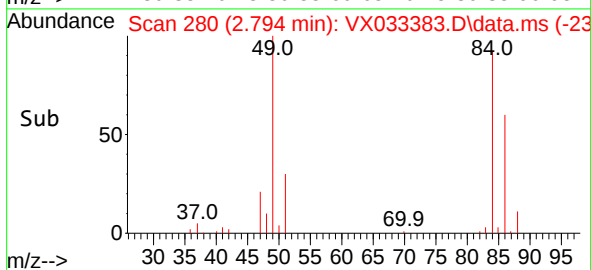
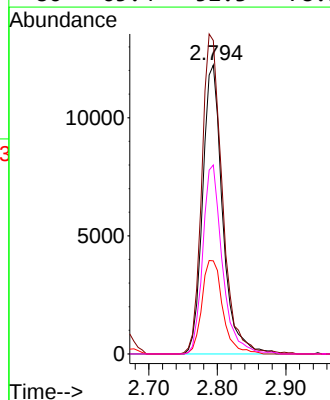
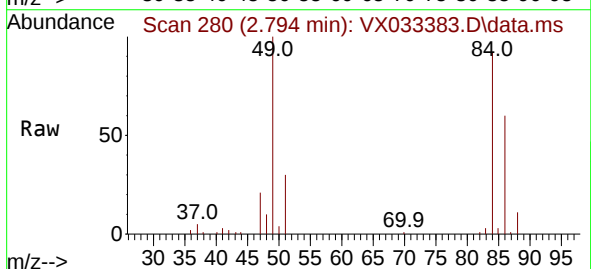
Manual Integrations
APPROVED

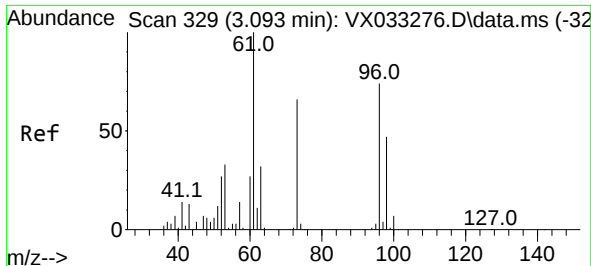
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 16.929 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 84 Resp: 24776
Ion Ratio Lower Upper
84 100
49 108.5 101.0 151.6
51 32.2 31.1 46.7
86 65.4 52.3 78.5





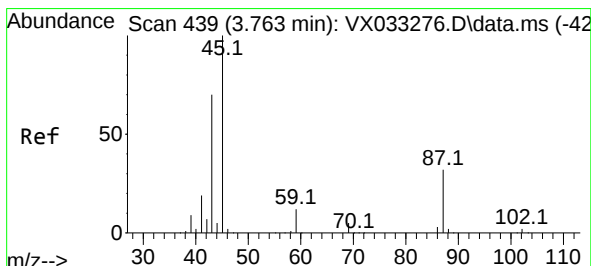
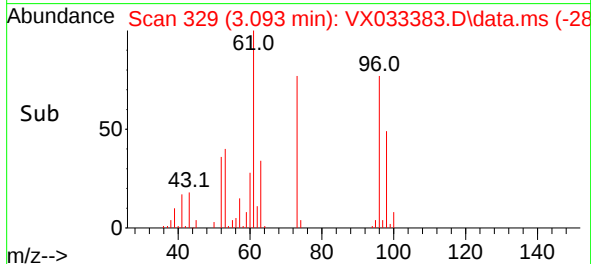
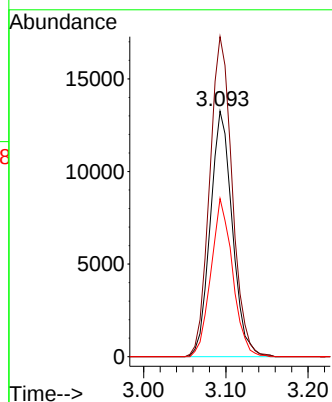
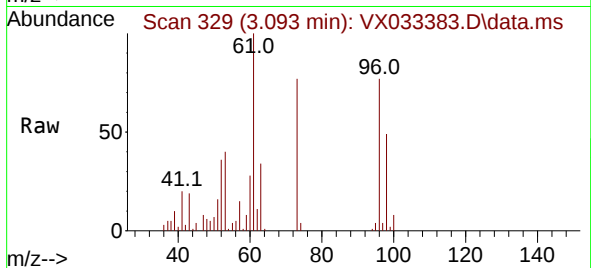
#21
trans-1,2-Dichloroethene
Concen: 18.029 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 96 Resp: 2471
Ion Ratio Lower Upper
96 100
61 130.3 106.6 160.0
98 64.4 51.0 76.6

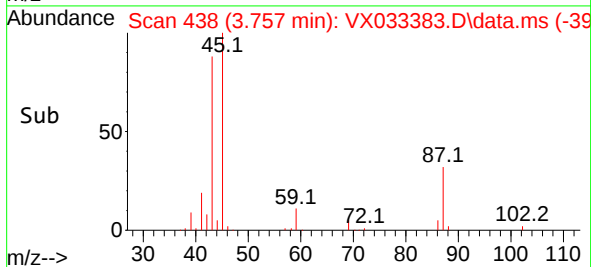
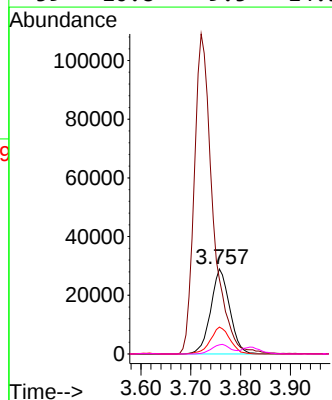
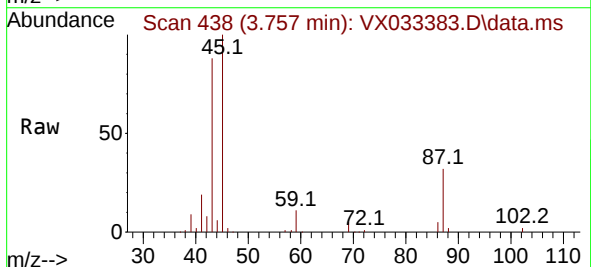
Manual Integrations
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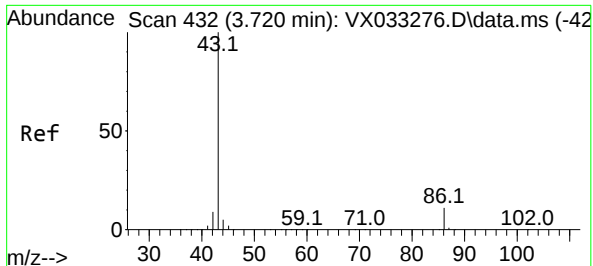
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#22
Diisopropyl ether
Concen: 17.847 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 45 Resp: 76529
Ion Ratio Lower Upper
45 100
43 87.4 56.4 84.6#
87 31.7 24.4 36.6
59 10.8 9.5 14.3





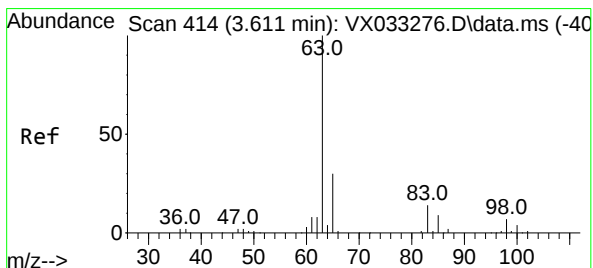
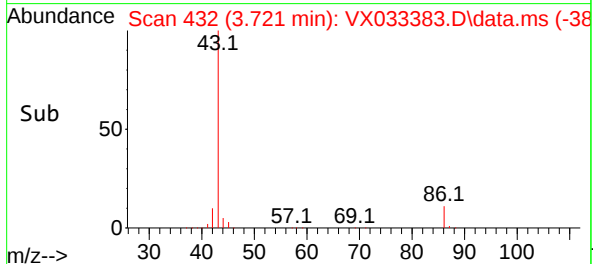
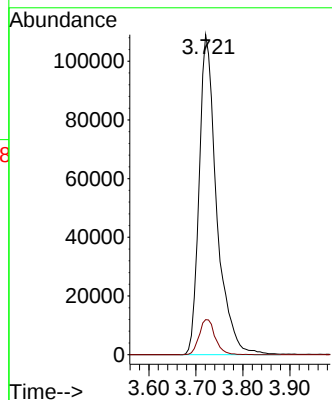
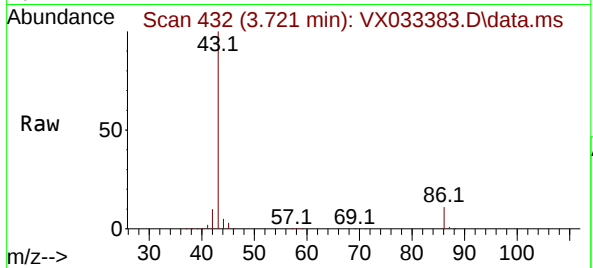
#23
 Vinyl Acetate
 Concen: 84.917 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033383.D
 Acq: 13 Dec 2022 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Tgt Ion: 43 Resp: 282620
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

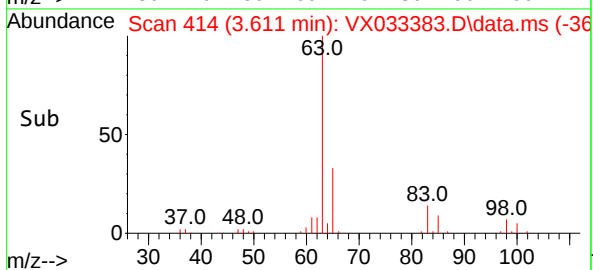
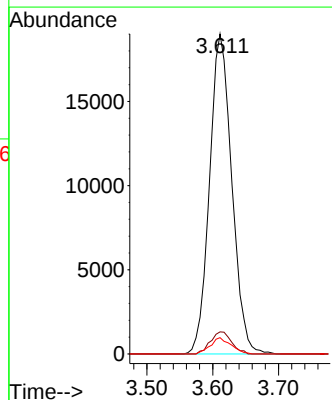
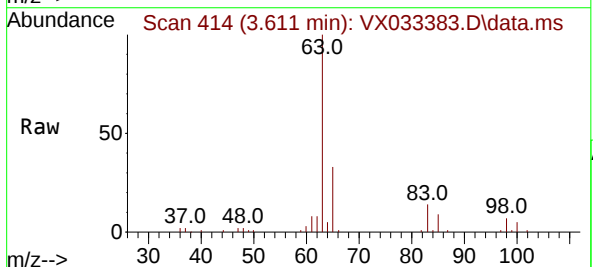
Manual Integrations
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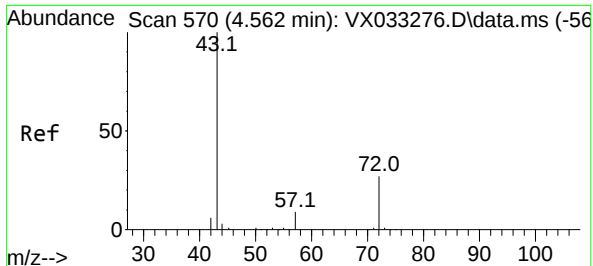
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 17.771 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033383.D
 Acq: 13 Dec 2022 11:36

Tgt Ion: 63 Resp: 44773
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 87.697 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 43 Resp: 8261

Ion Ratio Lower Upper

43 100

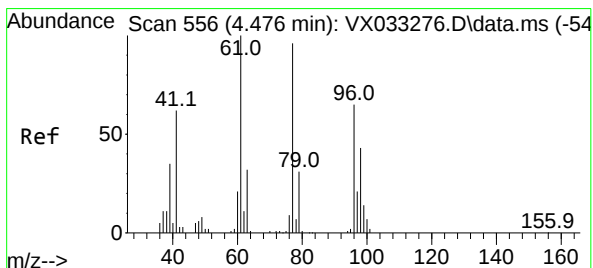
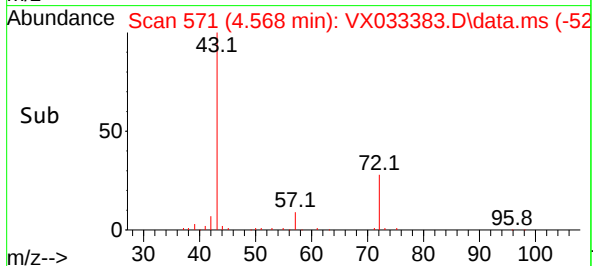
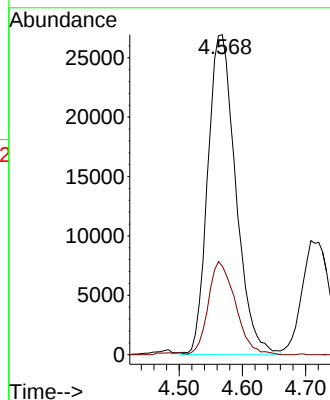
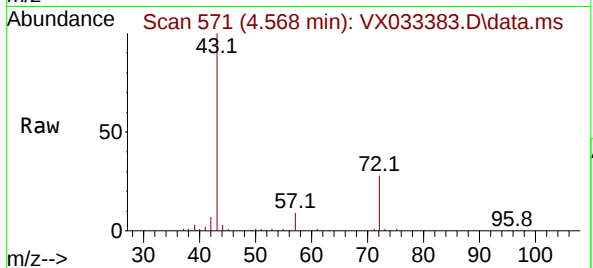
72 27.8 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#26

2,2-Dichloropropane

Concen: 19.152 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033383.D

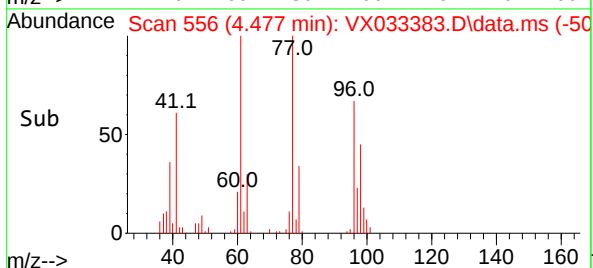
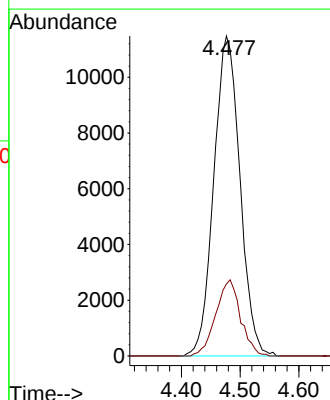
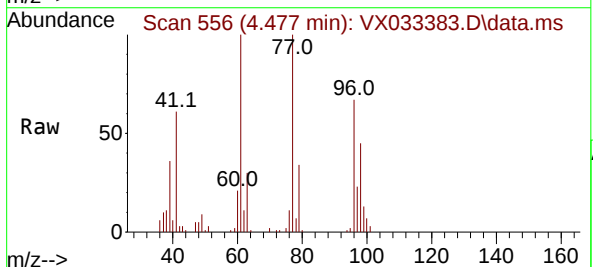
Acq: 13 Dec 2022 11:36

Tgt Ion: 77 Resp: 35485

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.011 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 96 Resp: 29510

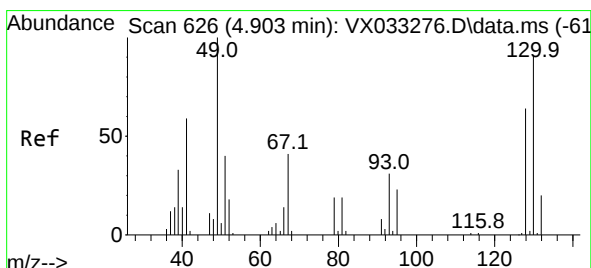
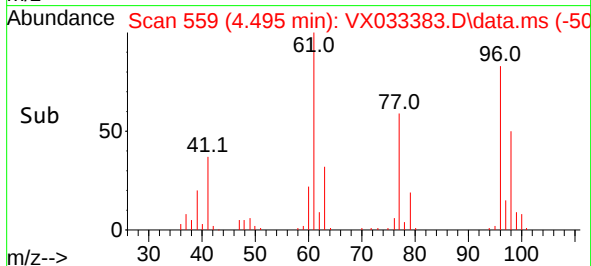
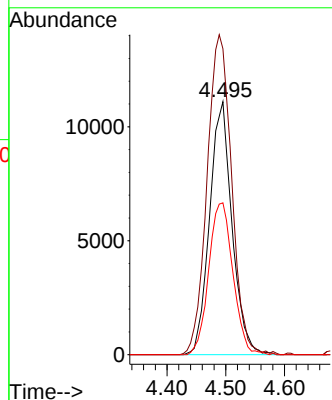
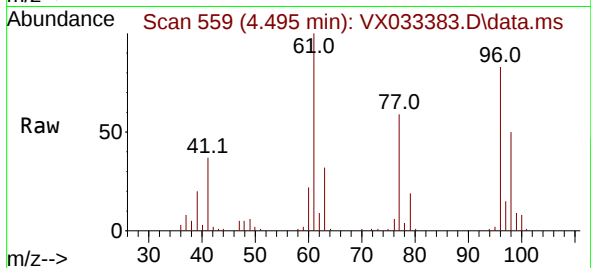
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	286.0
98	64.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#28

Bromochloromethane

Concen: 19.097 ug/l

RT: 4.897 min Scan# 625

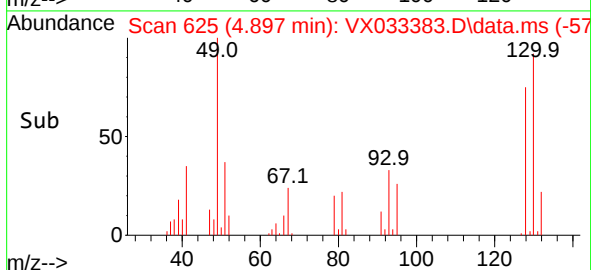
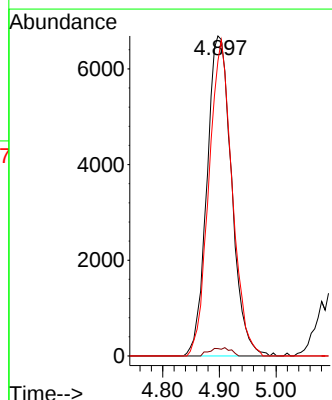
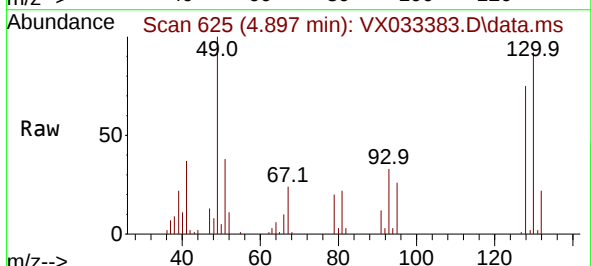
Delta R.T. -0.006 min

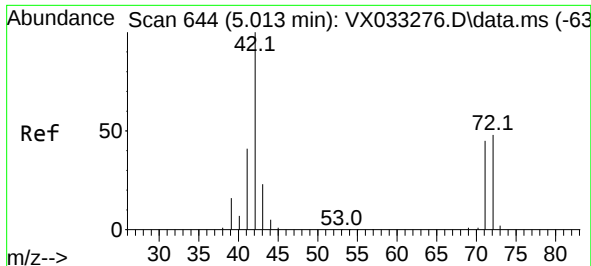
Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Tgt Ion: 49 Resp: 20141

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	93.5	67.5	101.3





#29

Tetrahydrofuran

Concen: 80.061 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

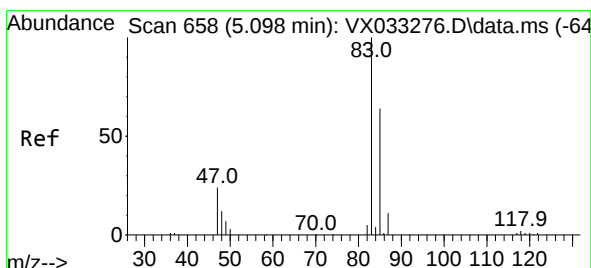
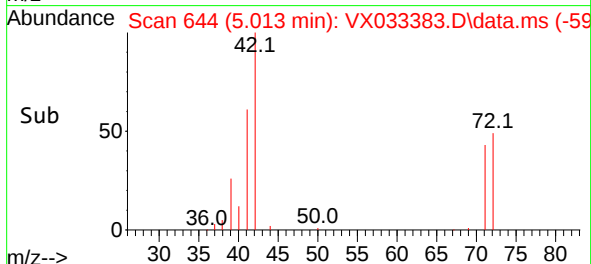
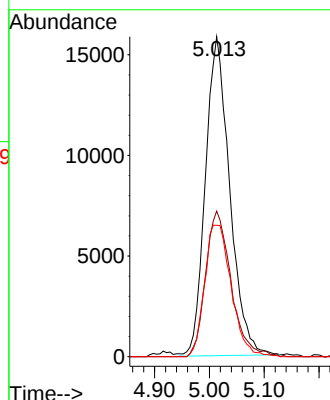
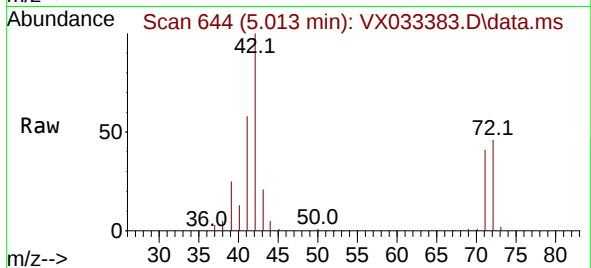
Tgt Ion:	42	Resp:	4886
Ion Ratio	Lower	Upper	
42	100		
72	47.8	37.6	56.4
71	45.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 18.222 ug/l

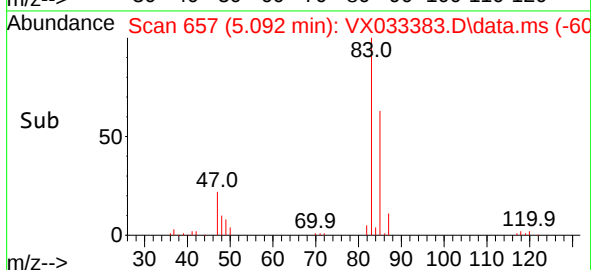
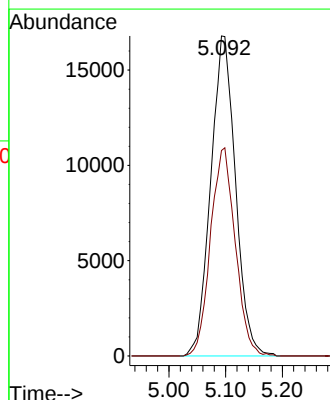
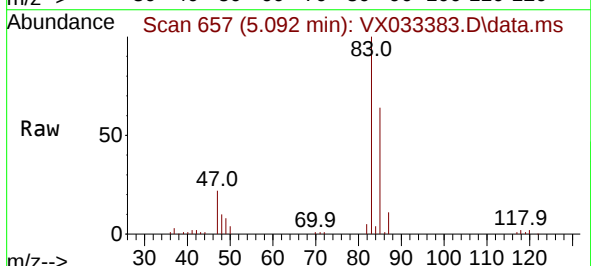
RT: 5.092 min Scan# 657

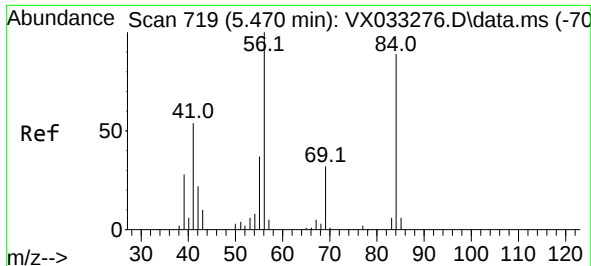
Delta R.T. -0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

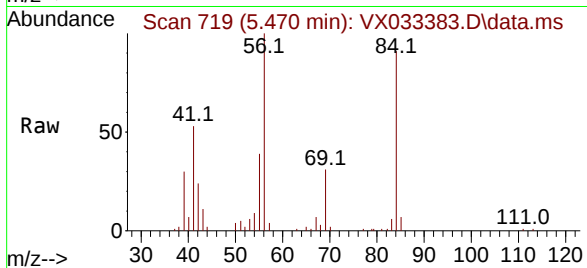
Tgt Ion:	83	Resp:	50969
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.1	76.7





#31
Cyclohexane
Concen: 18.162 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

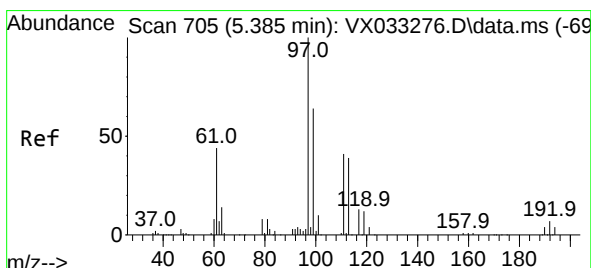
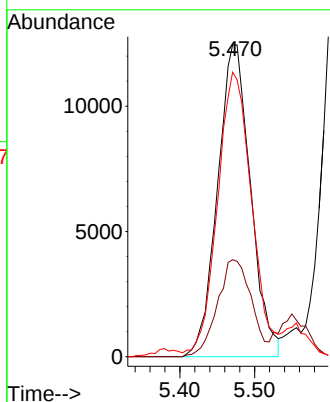
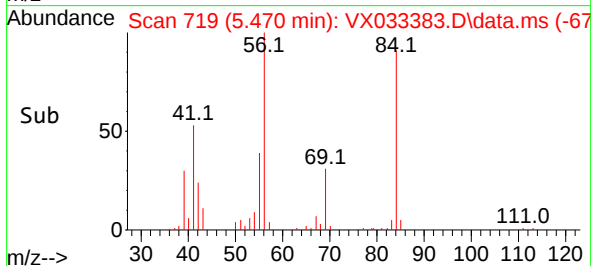
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



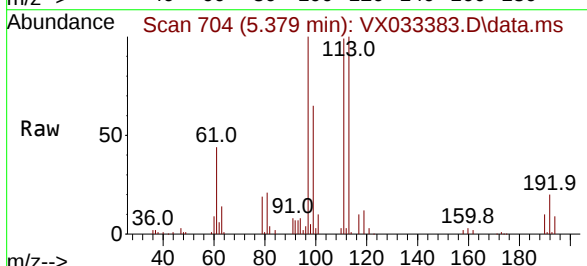
Tgt Ion: 56 Resp: 38280
Ion Ratio Lower Upper
56 100
69 31.1 24.1 36.1
84 89.5 66.9 100.3

Manual Integrations
APPROVED

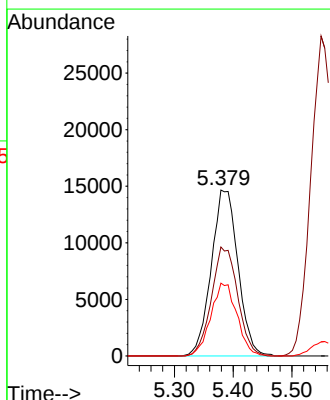
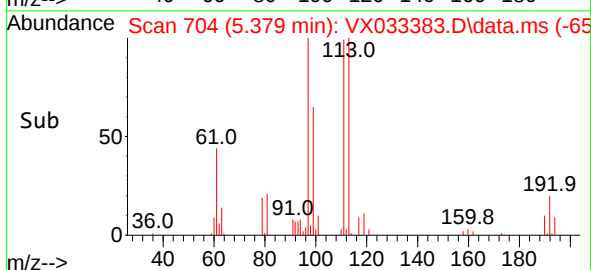
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

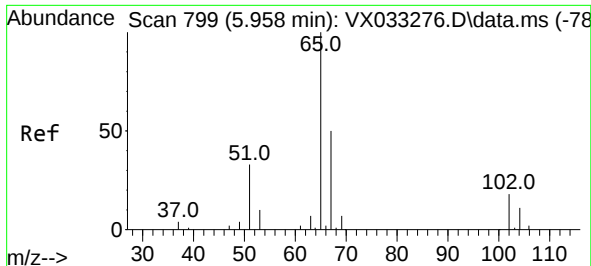


#32
1,1,1-Trichloroethane
Concen: 19.269 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion: 97 Resp: 46372
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.0
61 42.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.267 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 65 Resp: 40140

Ion Ratio Lower Upper

65 100

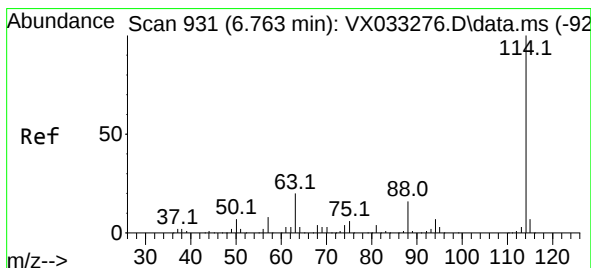
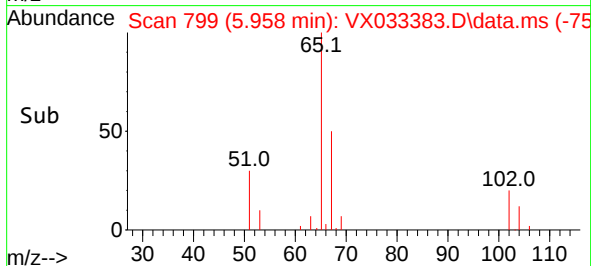
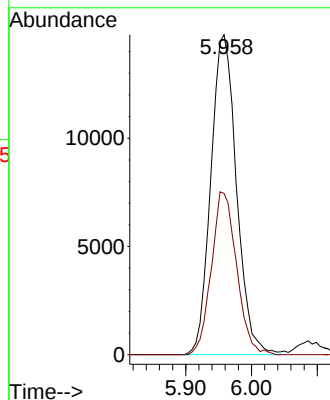
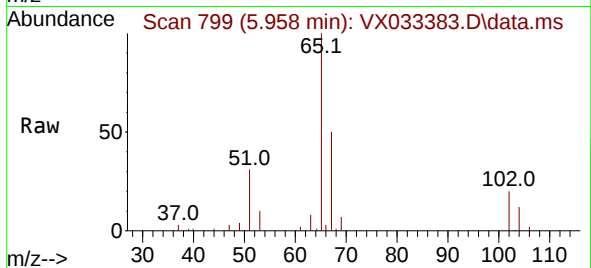
67 50.0 0.0 101.8

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: VX033383.D

Acq: 13 Dec 2022 11:36

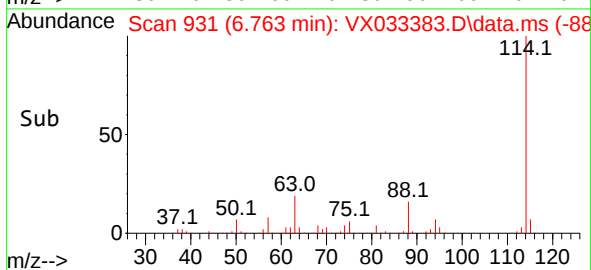
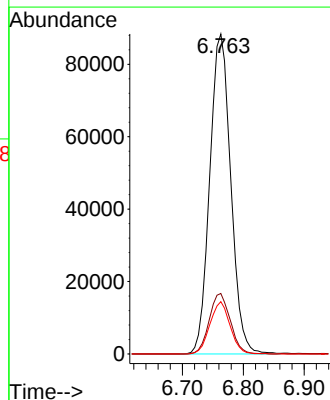
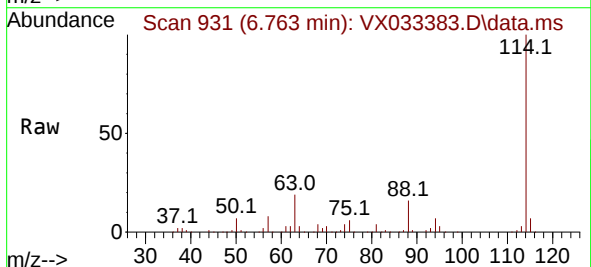
Tgt Ion:114 Resp: 211945

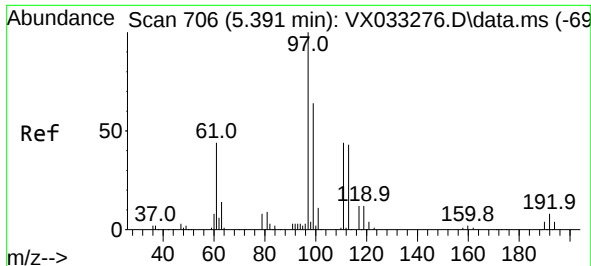
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.839 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

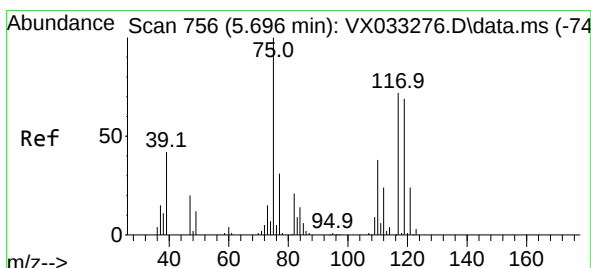
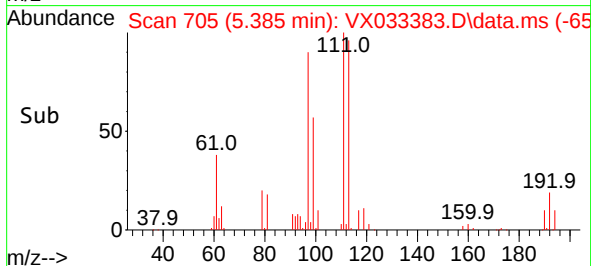
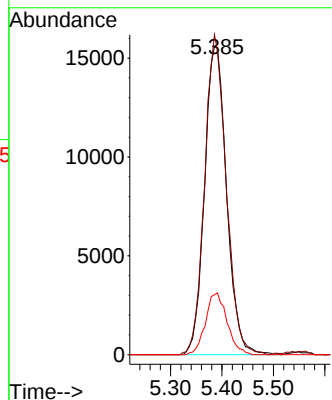
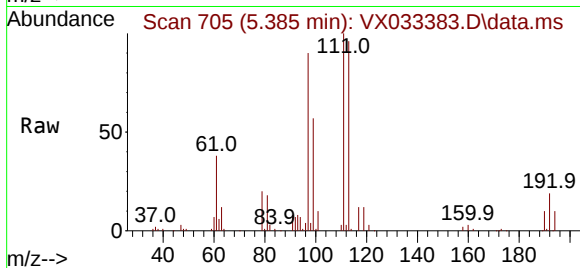
Tgt Ion:	113	Resp:	4655
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	19.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 19.168 ug/l

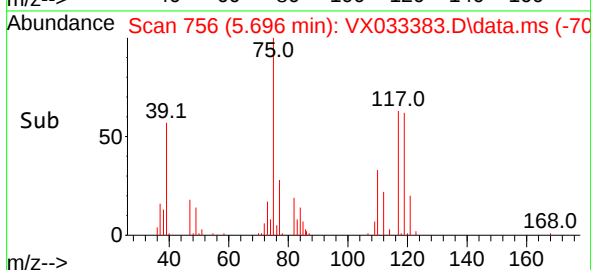
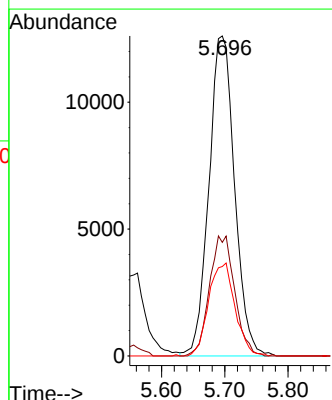
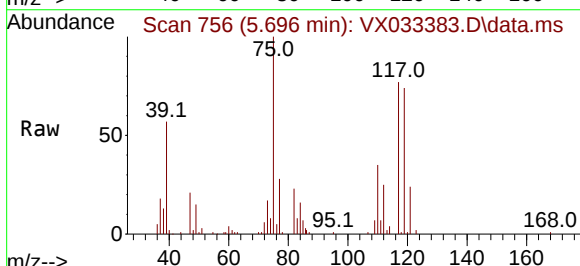
RT: 5.696 min Scan# 756

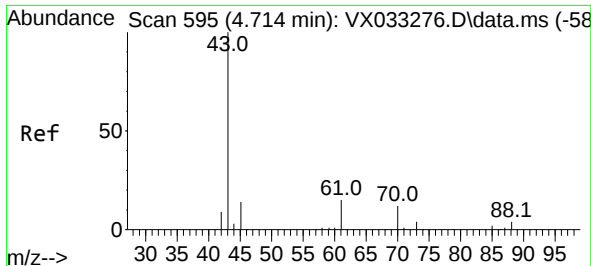
Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Tgt Ion:	75	Resp:	35626
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.2
77	29.8	24.5	36.7





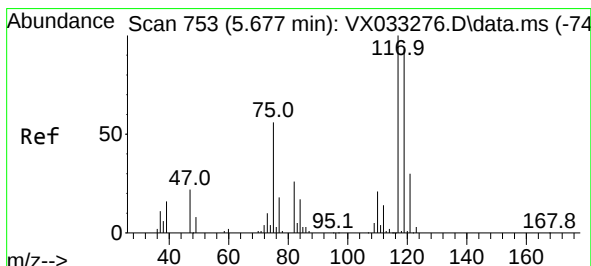
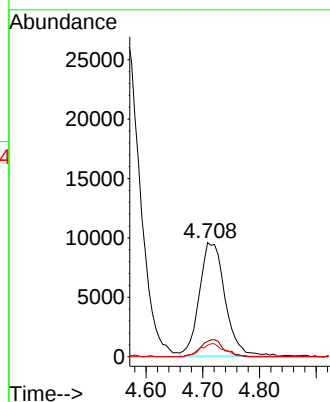
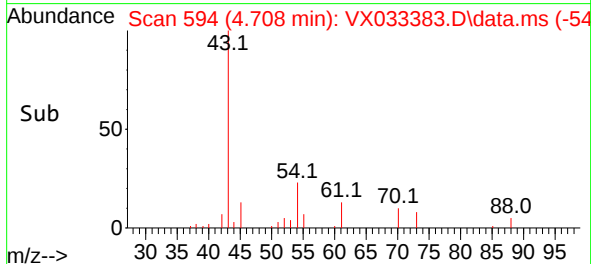
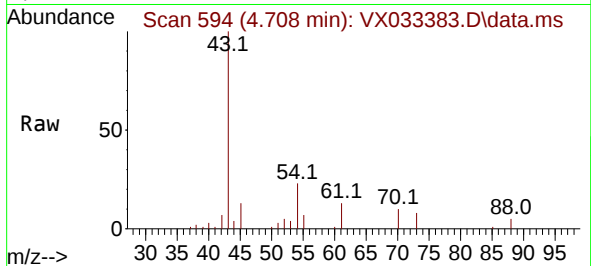
#37
Ethyl Acetate
Concen: 17.069 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 43 Resp: 29989
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 10.7 9.1 13.7

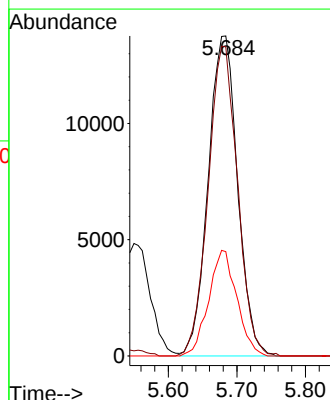
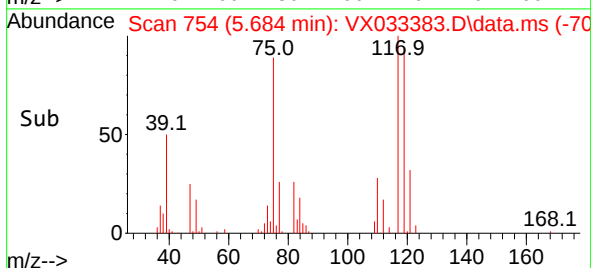
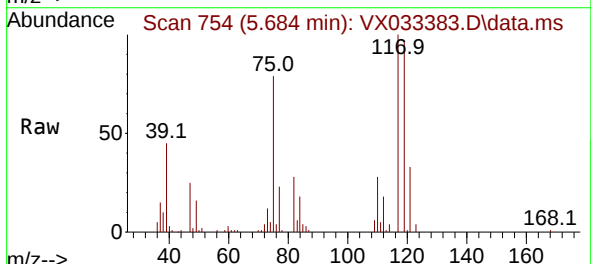
Manual Integrations
APPROVED

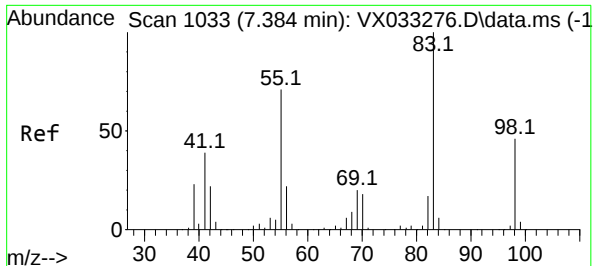
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#38
Carbon Tetrachloride
Concen: 19.723 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

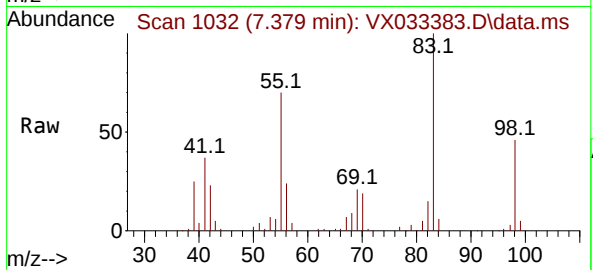
Tgt Ion:117 Resp: 41071
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8
121 32.6 25.8 38.6





#39
Methylcyclohexane
Concen: 19.863 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

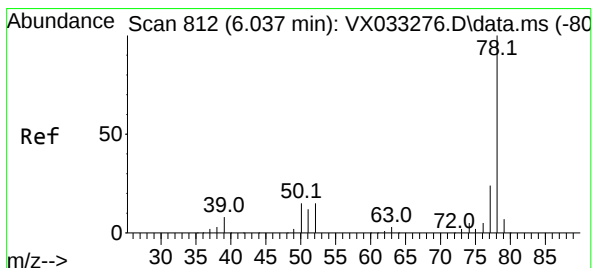
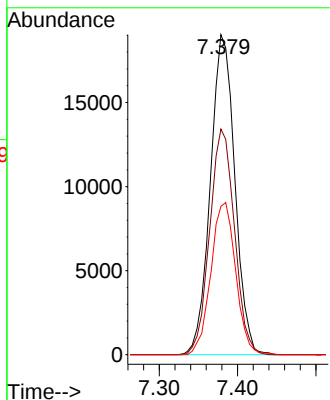
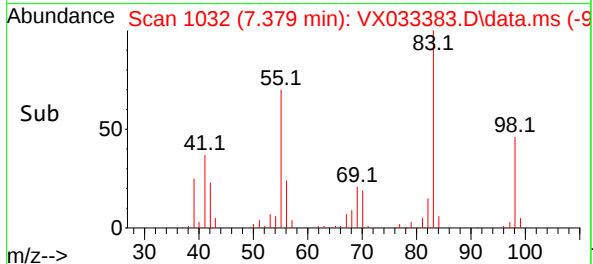
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 83 Resp: 4132
Ion Ratio Lower Upper
83 100
55 70.5 58.4 87.6
98 46.3 37.2 55.8

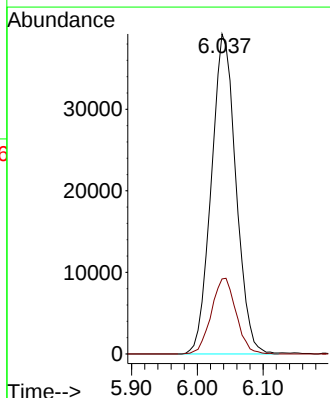
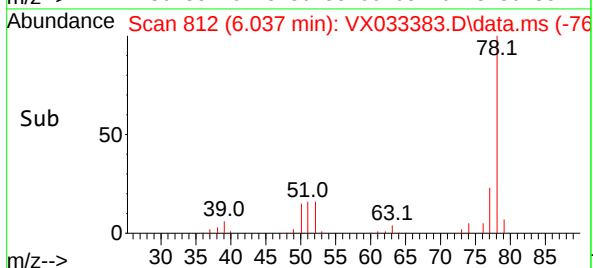
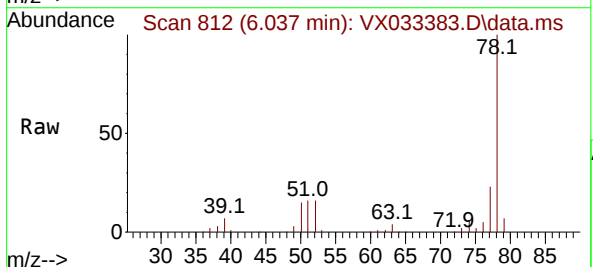
Manual Integrations
APPROVED

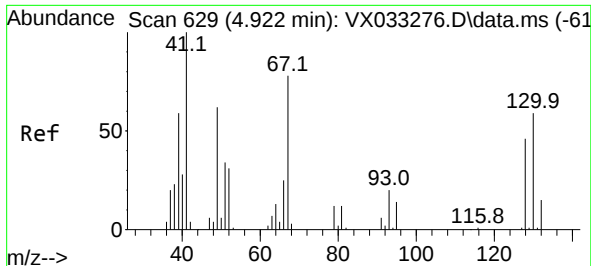
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#40
Benzene
Concen: 18.888 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

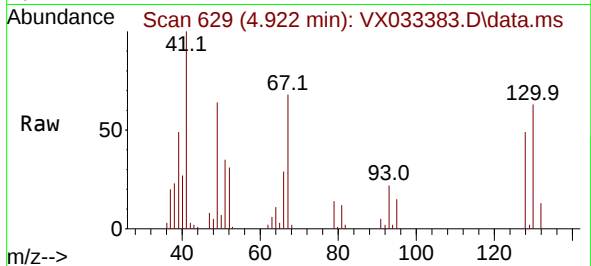
Tgt Ion: 78 Resp: 102354
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 17.564 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

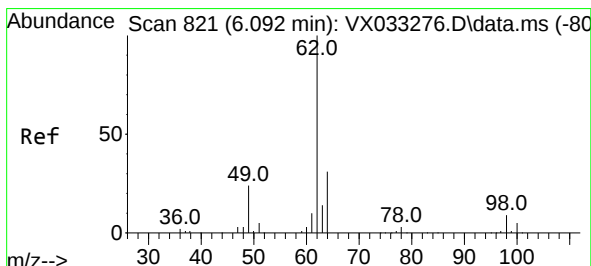
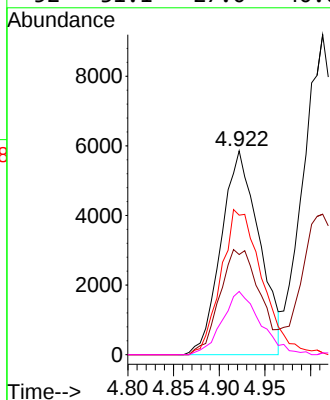
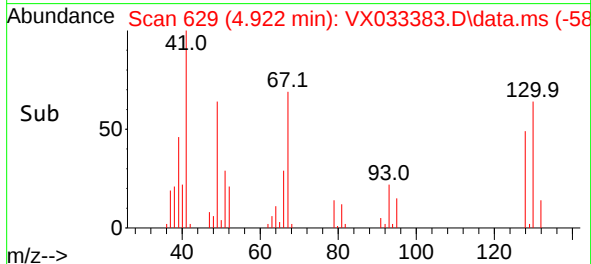
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion:	41	Resp:	17004
Ion	Ratio	Lower	Upper
41	100		
39	54.8	47.5	71.3
67	76.8	60.5	90.7
52	31.1	27.0	40.6

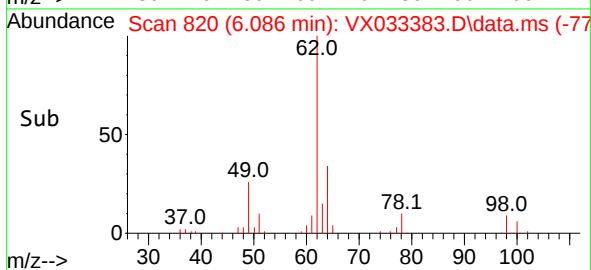
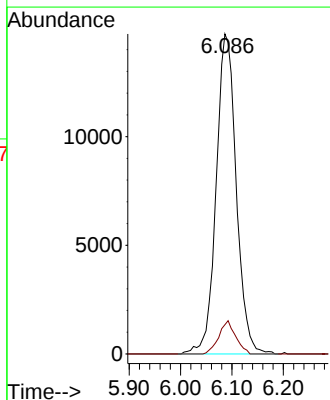
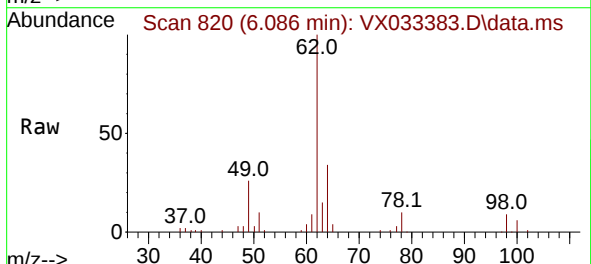
Manual Integrations
APPROVED

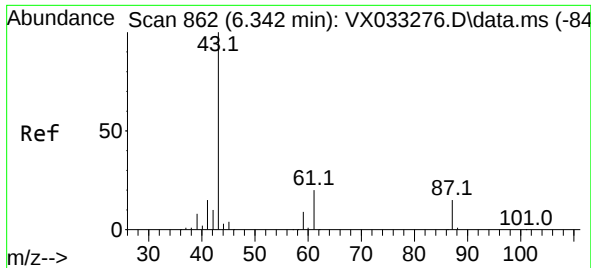
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 18.594 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

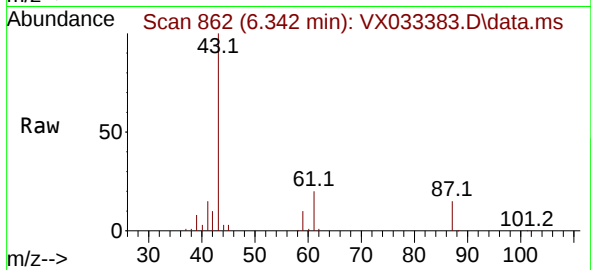
Tgt Ion:	62	Resp:	40013
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.0





#43
Isopropyl Acetate
Concen: 17.378 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

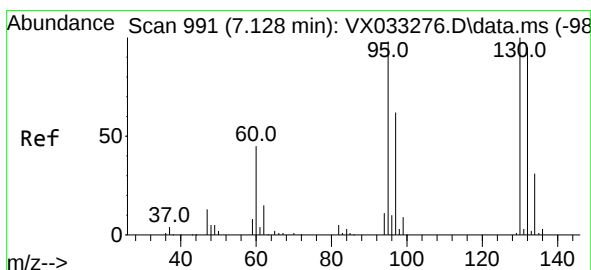
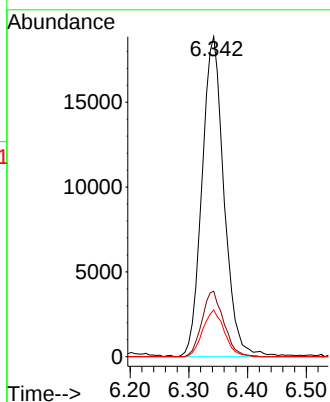
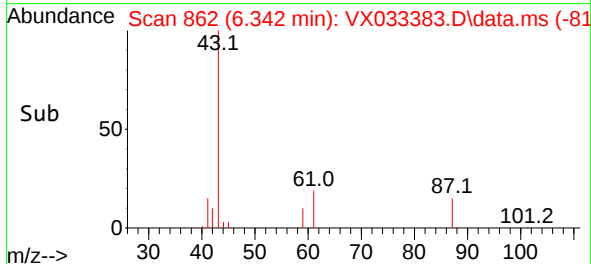
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



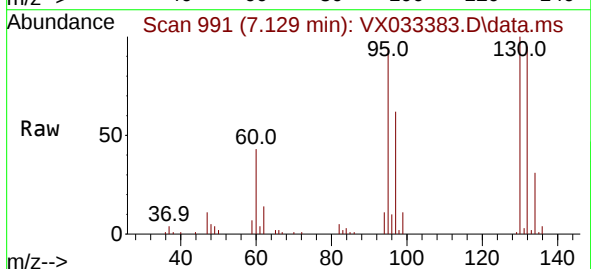
Tgt Ion: 43 Resp: 49125
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0
87 14.3 10.8 16.2

Manual Integrations
APPROVED

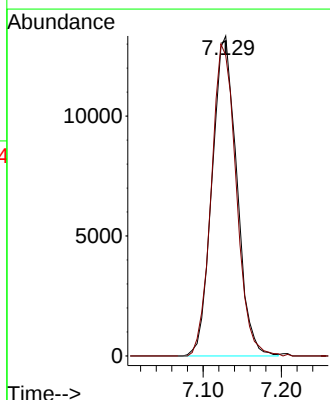
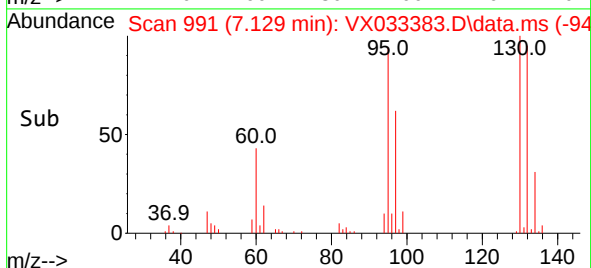
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

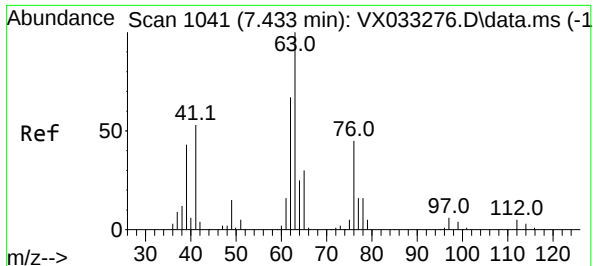


#44
Trichloroethene
Concen: 19.562 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion:130 Resp: 29228
Ion Ratio Lower Upper
130 100
95 94.0 0.0 195.2





#45

1,2-Dichloropropane

Concen: 18.535 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 63 Resp: 2568

Ion Ratio Lower Upper

63 100

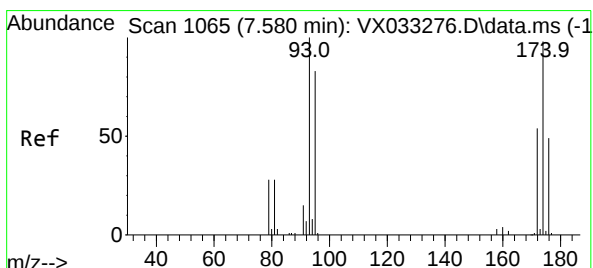
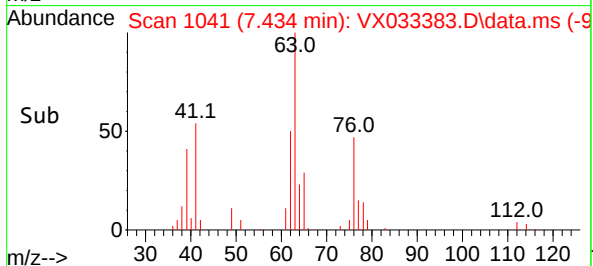
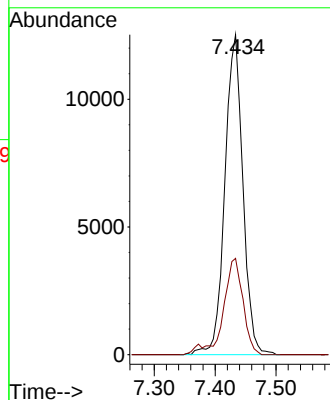
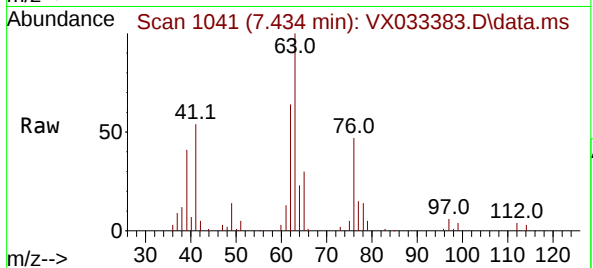
65 30.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#46

Dibromomethane

Concen: 18.758 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

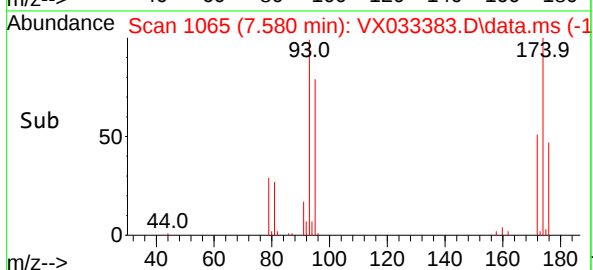
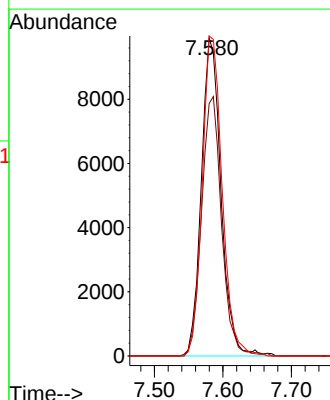
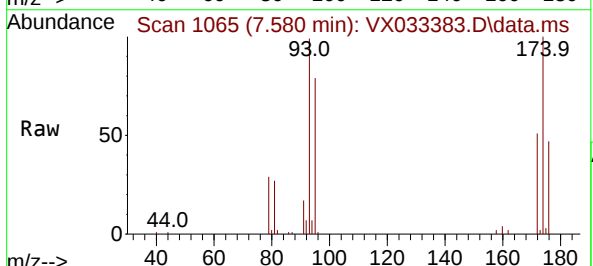
Tgt Ion: 93 Resp: 19804

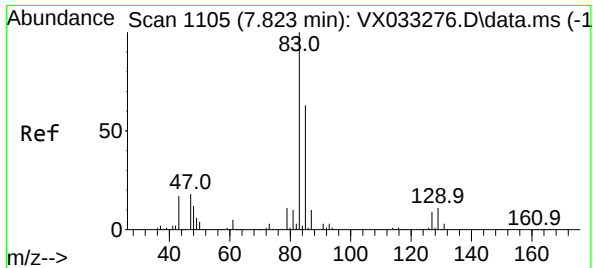
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 101.3 79.8 119.6





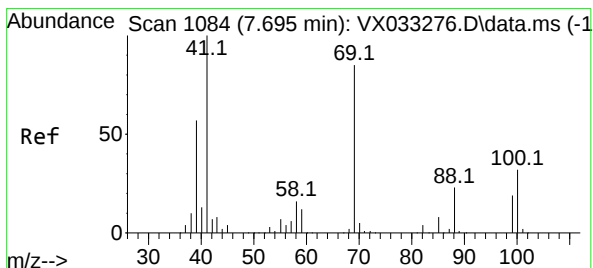
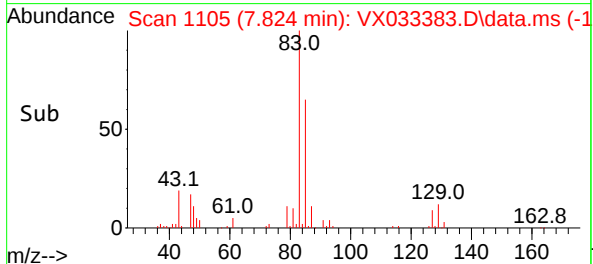
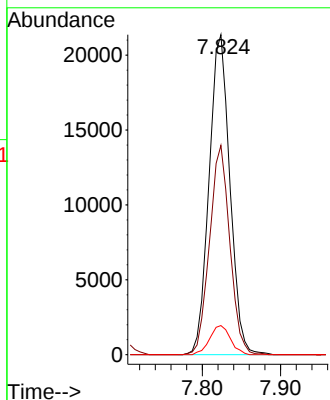
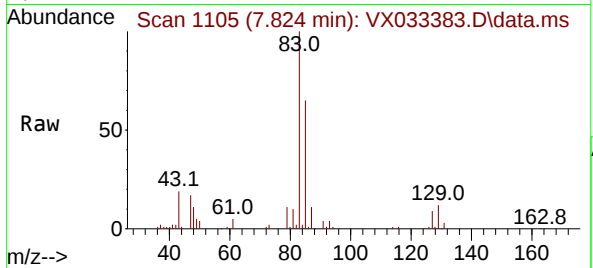
#47
Bromodichloromethane
Concen: 19.147 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 83 Resp: 3940
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 9.1 7.4 11.2

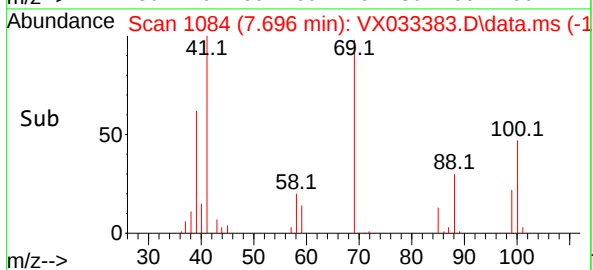
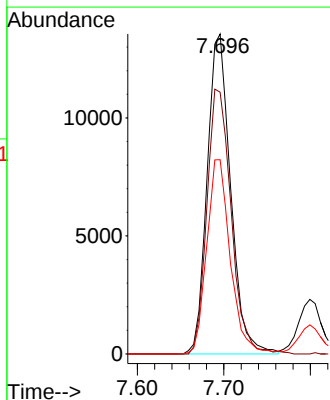
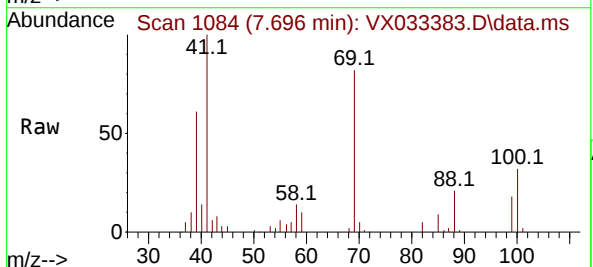
Manual Integrations
APPROVED

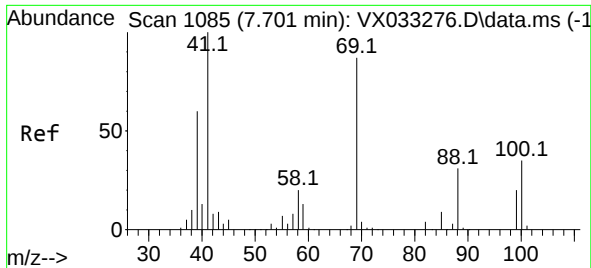
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 17.511 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 41 Resp: 25548
Ion Ratio Lower Upper
41 100
69 85.5 65.1 97.7
39 60.8 51.9 77.9





#49

1,4-Dioxane

Concen: 368.966 ug/l

RT: 7.714 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

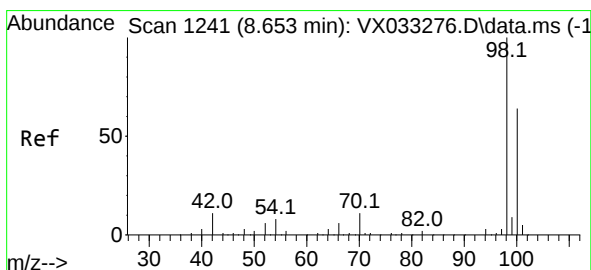
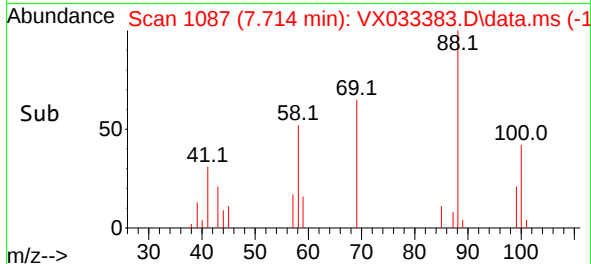
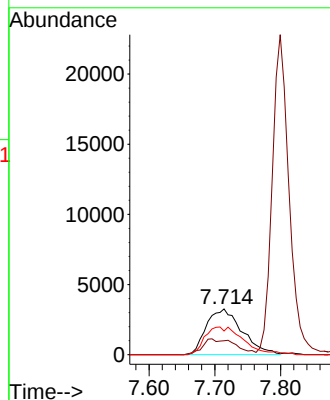
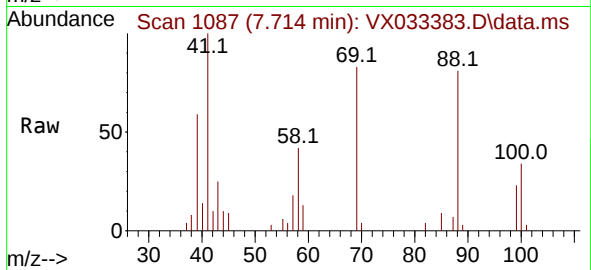
Tgt Ion: 88 Resp: 12275
 Ion Ratio Lower Upper
 88 100
 43 16.8 26.6 39.8
 58 65.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 49.722 ug/l

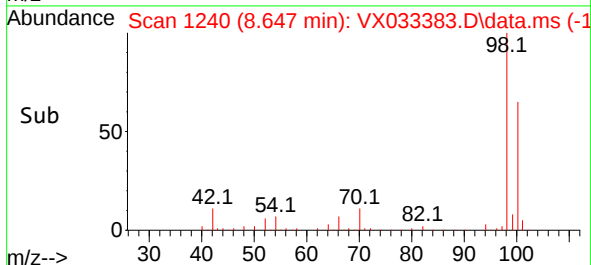
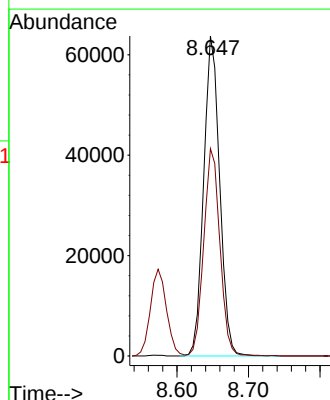
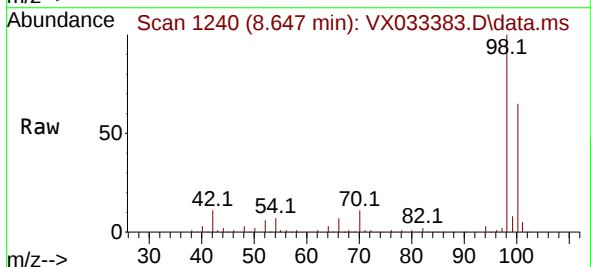
RT: 8.647 min Scan# 1240

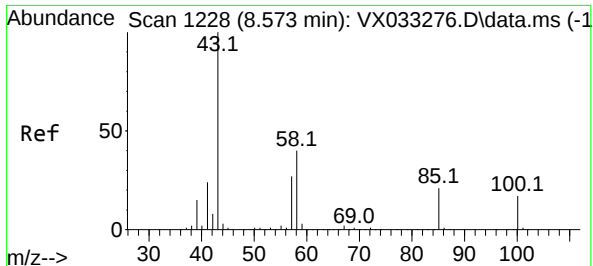
Delta R.T. -0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Tgt Ion: 98 Resp: 99156
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.9 76.3





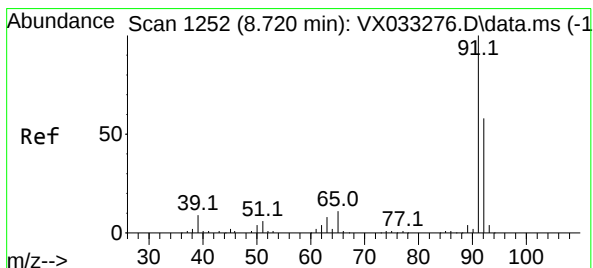
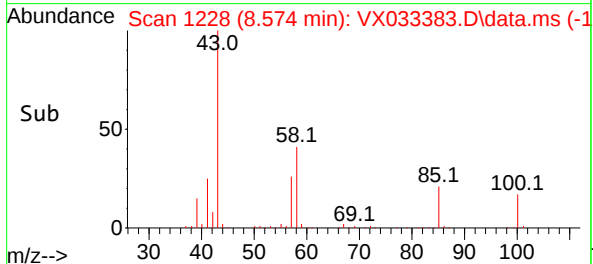
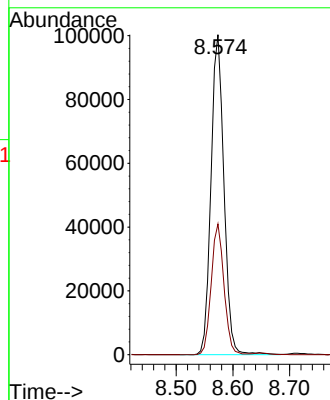
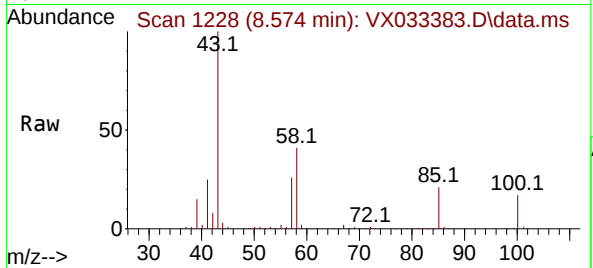
#51
4-Methyl-2-Pentanone
Concen: 89.196 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 43 Resp: 15945
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

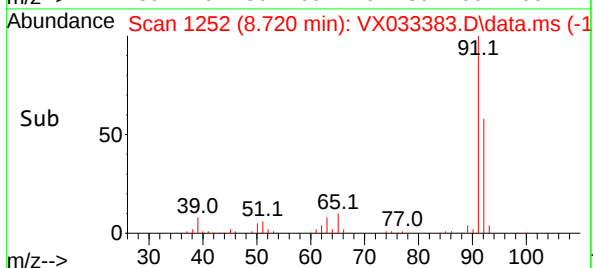
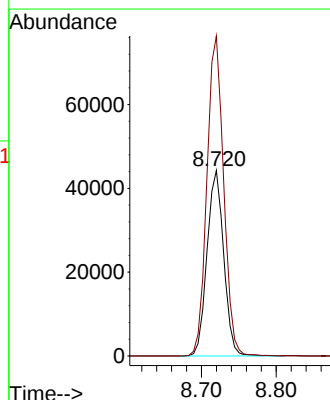
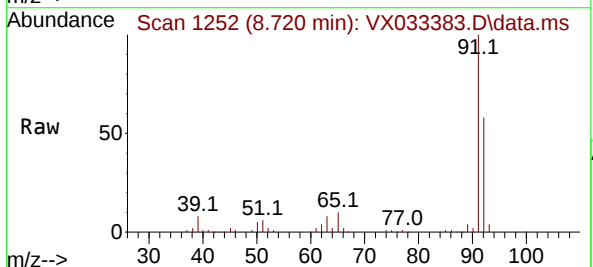
Manual Integrations
APPROVED

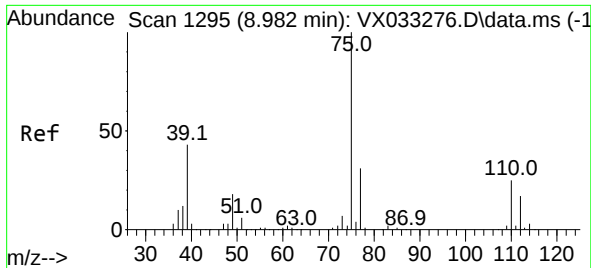
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 19.535 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 92 Resp: 68446
Ion Ratio Lower Upper
92 100
91 173.5 138.3 207.5





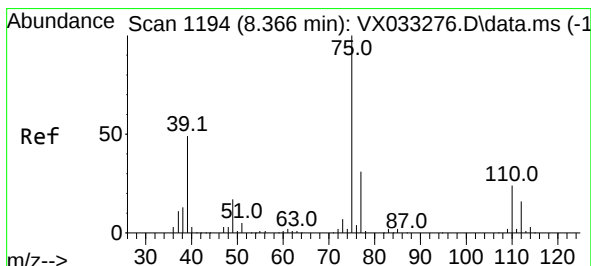
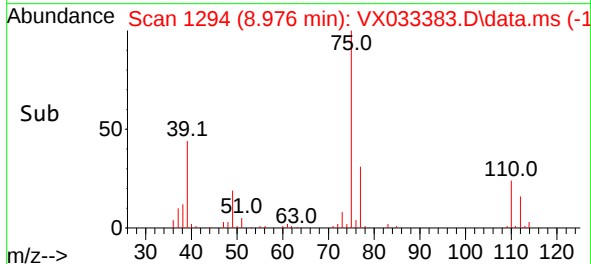
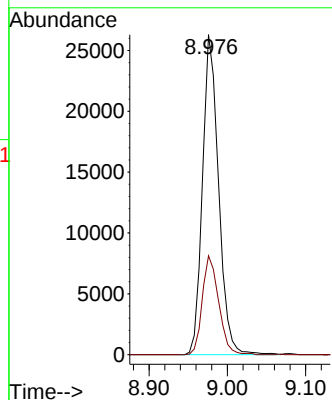
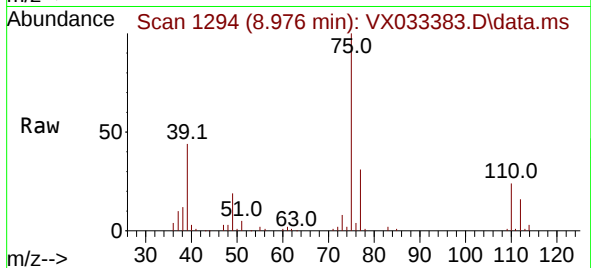
#53
t-1,3-Dichloropropene
Concen: 18.655 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 75 Resp: 37580
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7

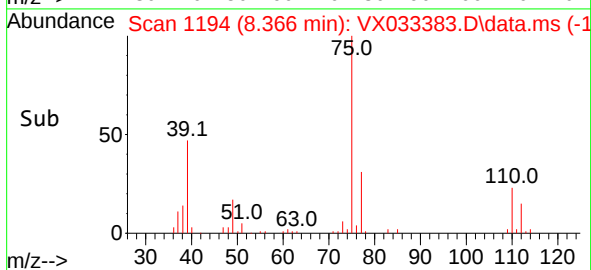
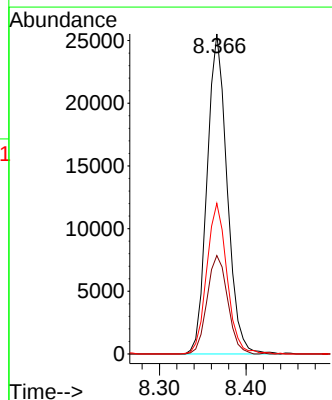
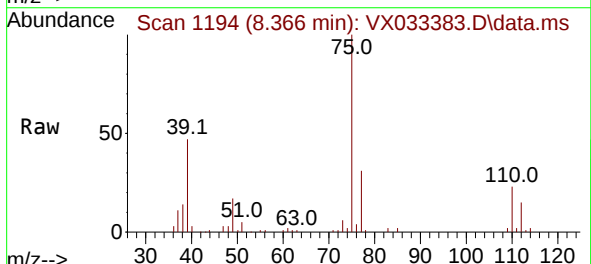
Manual Integrations
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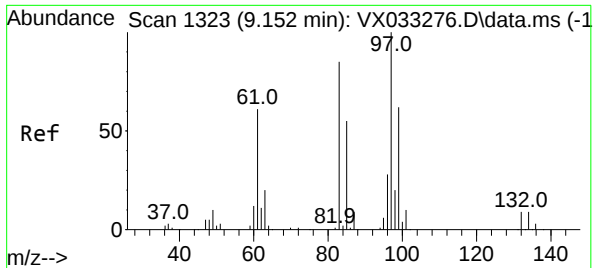
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#54
cis-1,3-Dichloropropene
Concen: 18.705 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 75 Resp: 40963
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 47.0 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 18.834 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

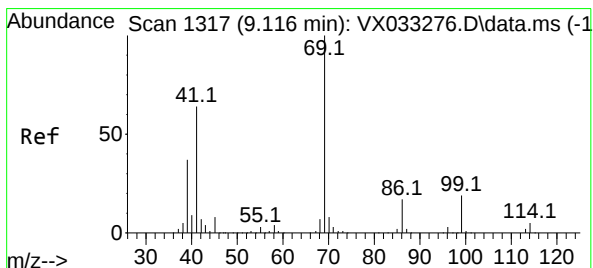
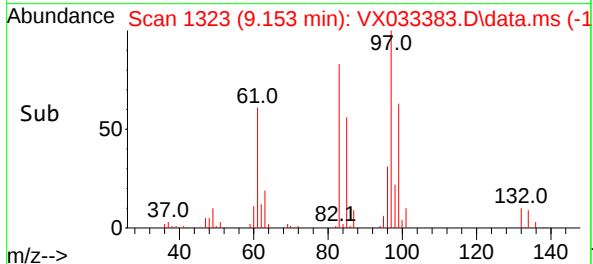
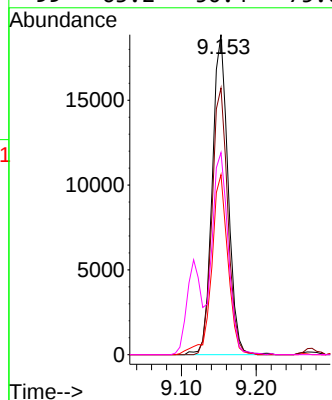
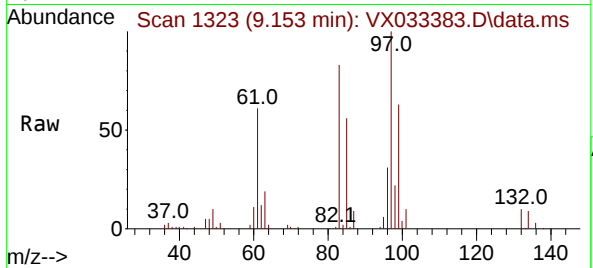
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 97 Resp: 27739

Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.1	102.1
85	56.3	43.3	64.9
99	63.2	50.4	75.6

Manual Integrations
APPROVED

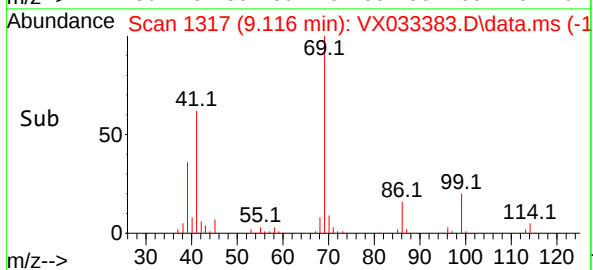
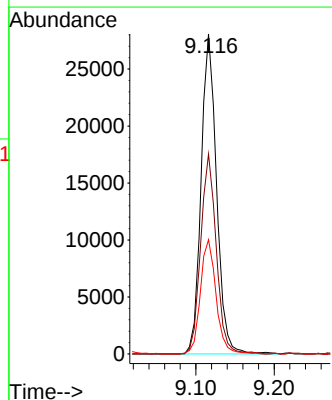
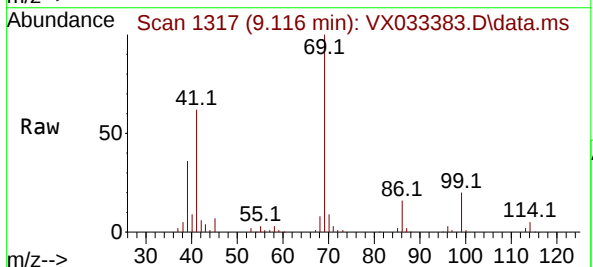
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

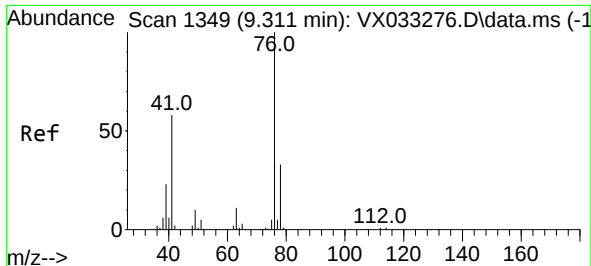


#56
Ethyl methacrylate
Concen: 18.578 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 69 Resp: 38524

Ion	Ratio	Lower	Upper
69	100		
41	63.2	54.3	81.5
39	36.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 18.841 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 76 Resp: 44578

Ion Ratio Lower Upper

76 100

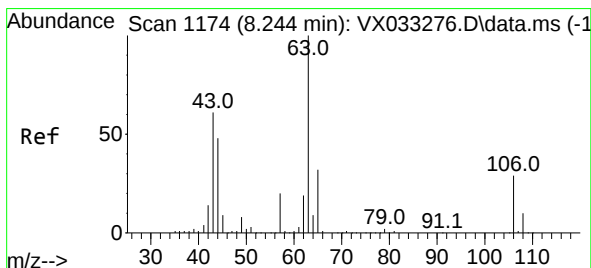
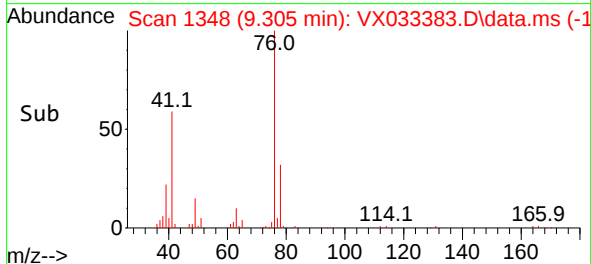
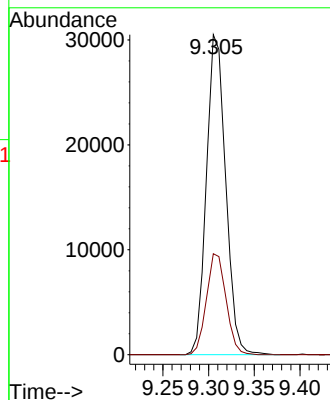
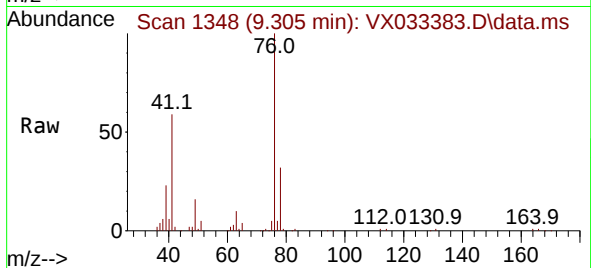
78 32.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 85.192 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033383.D

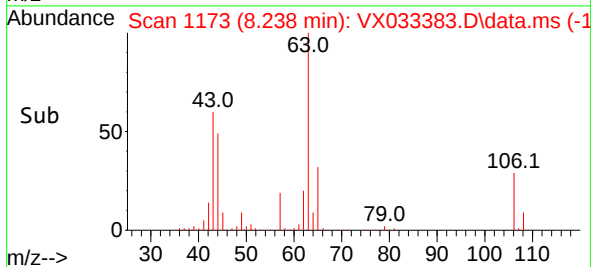
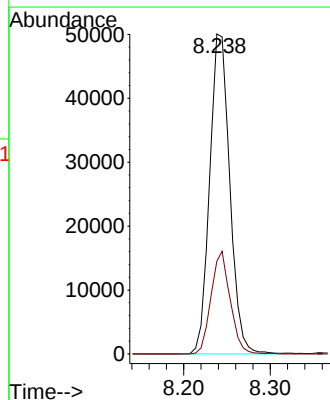
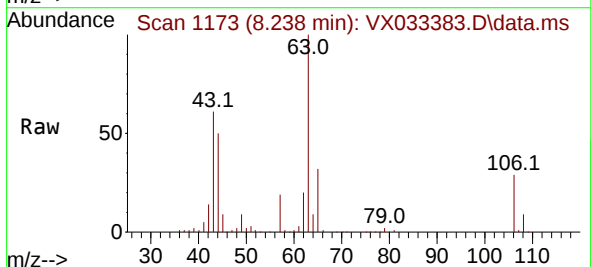
Acq: 13 Dec 2022 11:36

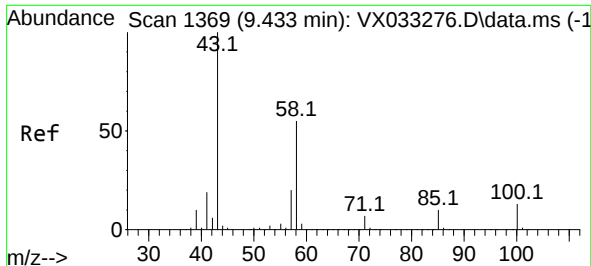
Tgt Ion: 63 Resp: 80832

Ion Ratio Lower Upper

63 100

106 30.5 23.3 34.9





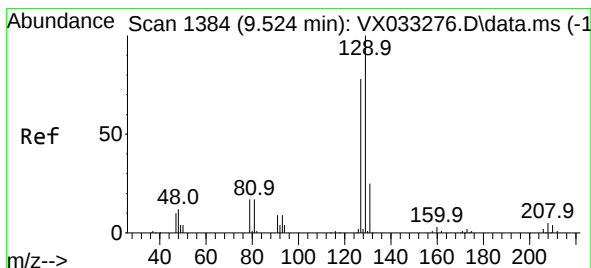
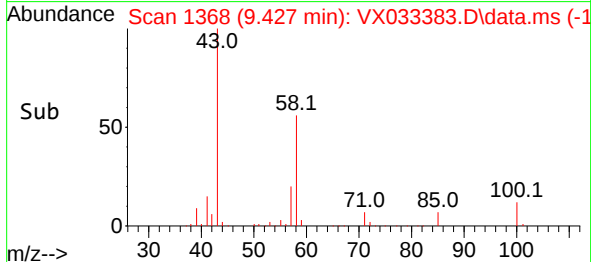
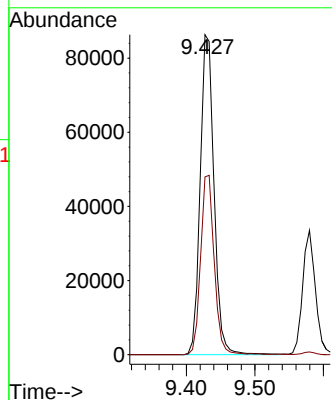
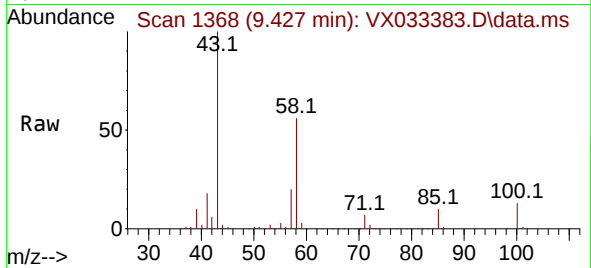
#59
2-Hexanone
Concen: 92.245 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 43 Resp: 12152
Ion Ratio Lower Upper
43 100
58 55.3 26.5 79.5

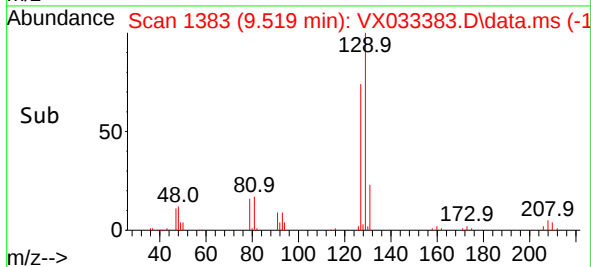
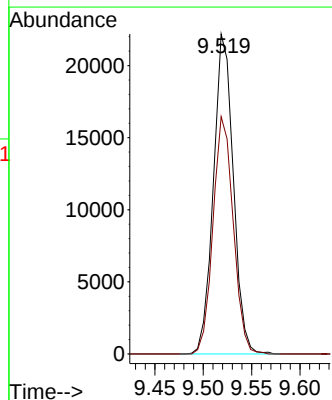
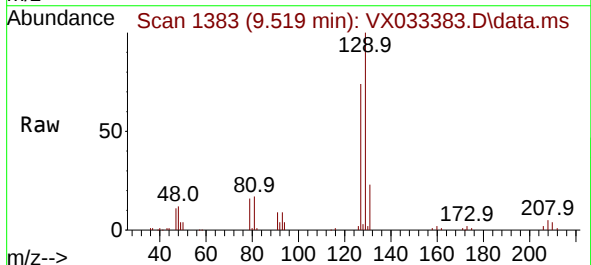
Manual Integrations
APPROVED

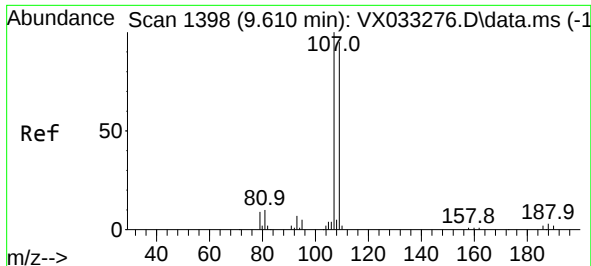
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#60
Dibromochloromethane
Concen: 19.512 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

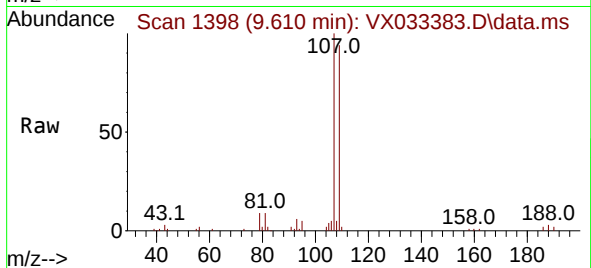
Tgt Ion:129 Resp: 31662
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.752 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

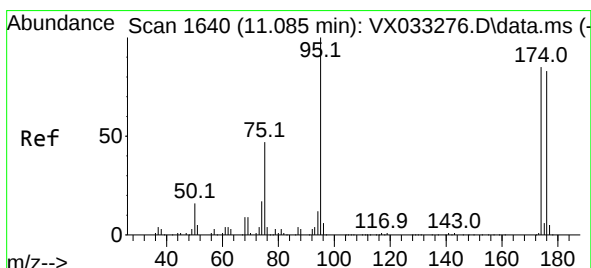
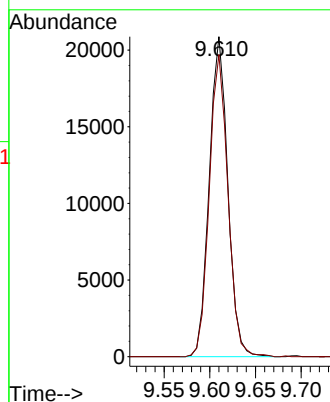
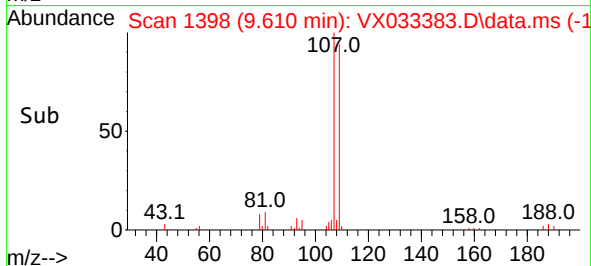
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



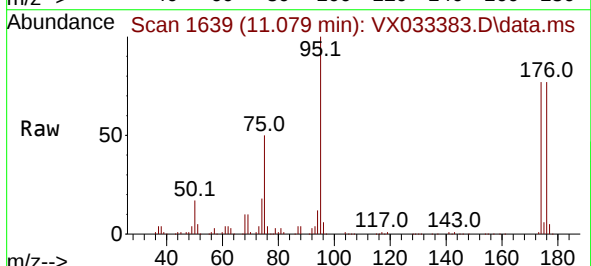
Tgt Ion:107 Resp: 2937
Ion Ratio Lower Upper
107 100
109 95.0 76.0 114.0

Manual Integrations
APPROVED

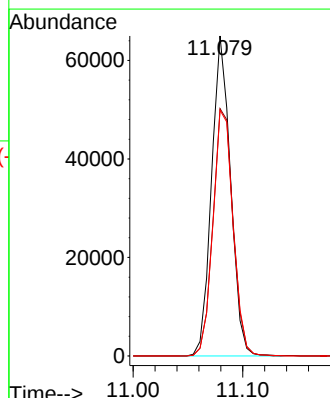
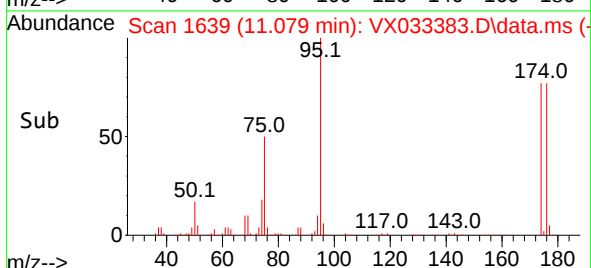
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

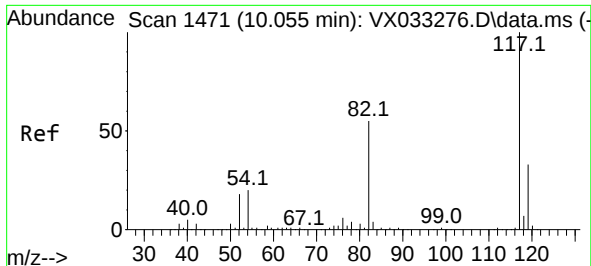


#62
4-Bromofluorobenzene
Concen: 51.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



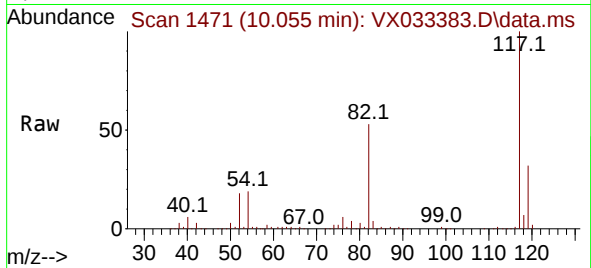
Tgt Ion: 95 Resp: 78080
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 81.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

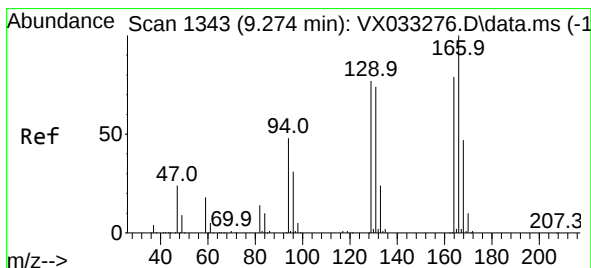
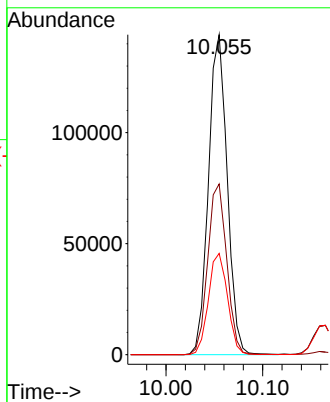
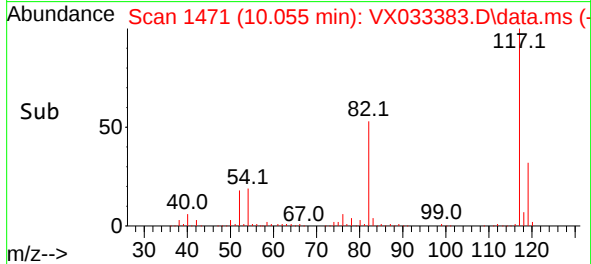
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion:117 Resp: 194115
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.7 25.7 38.5

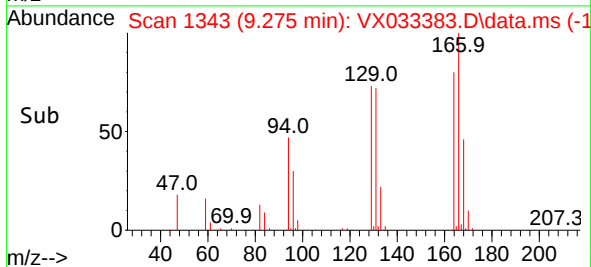
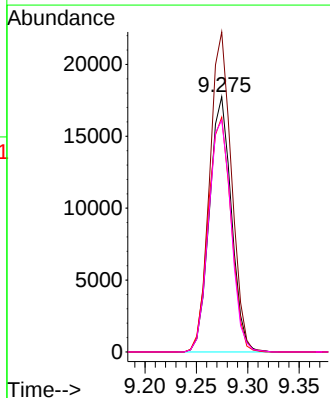
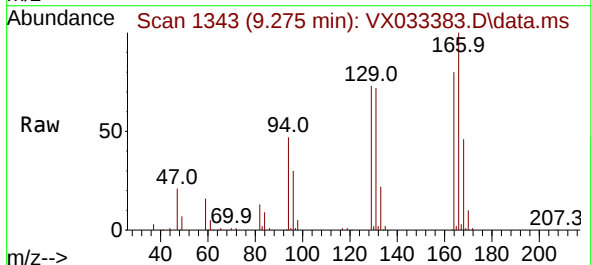
Manual Integrations
APPROVED

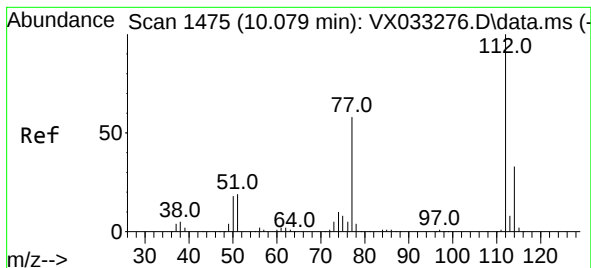
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 19.742 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion:164 Resp: 26205
Ion Ratio Lower Upper
164 100
166 125.4 105.4 158.2
129 92.0 78.2 117.2
131 90.8 72.5 108.7





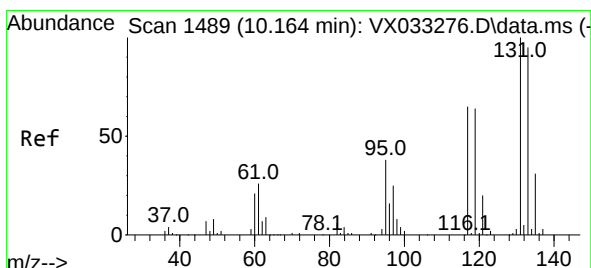
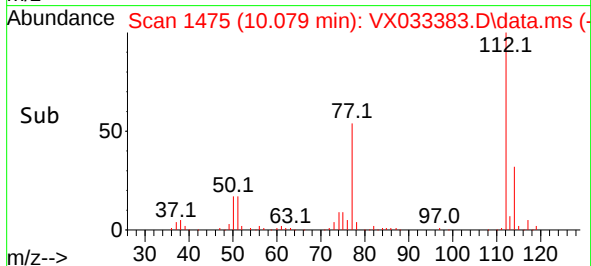
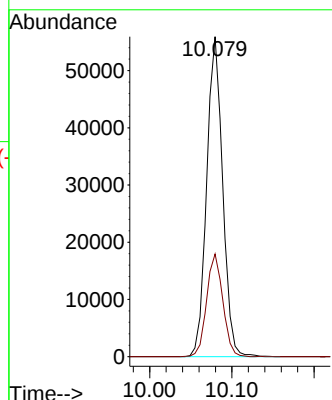
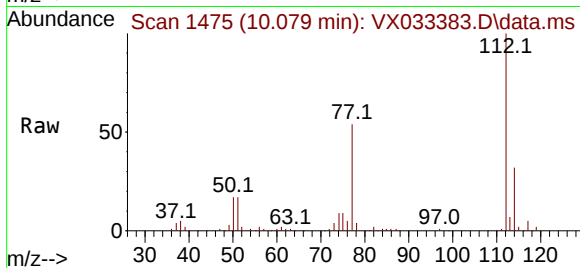
#65
Chlorobenzene
Concen: 19.182 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:112 Resp: 7540
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

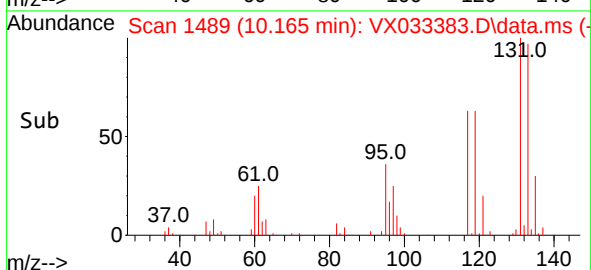
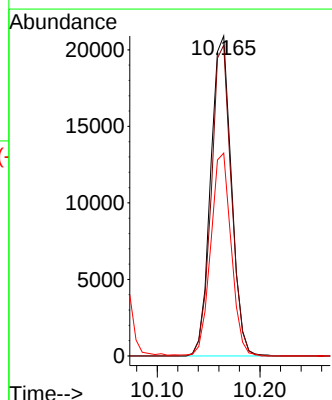
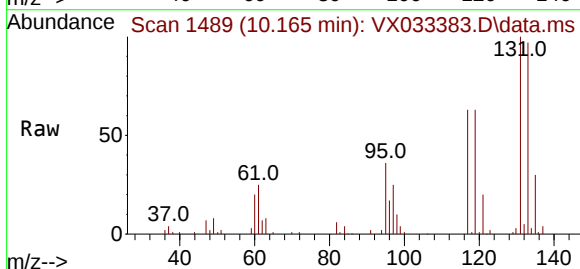
Manual Integrations
APPROVED

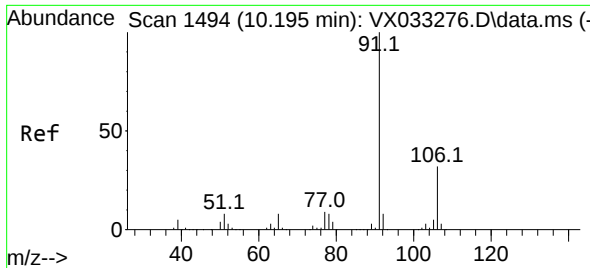
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.675 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion:131 Resp: 29227
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 62.5 32.4 97.0





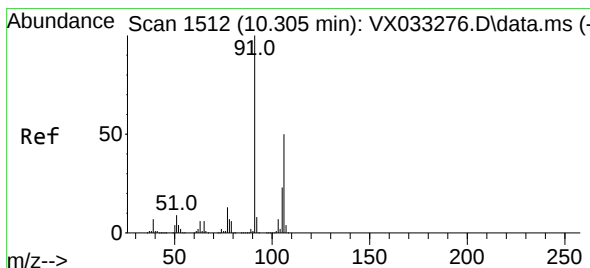
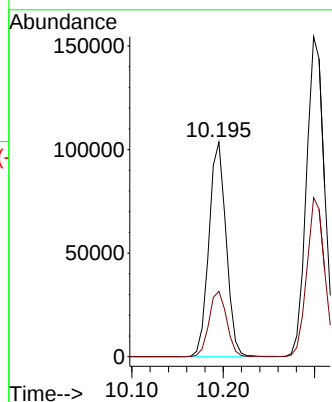
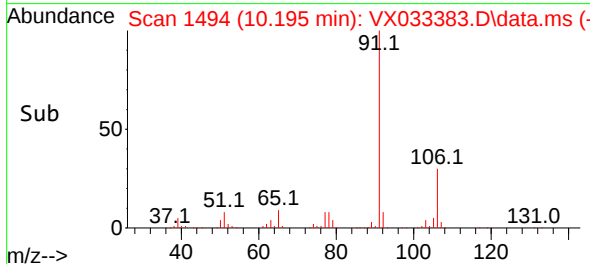
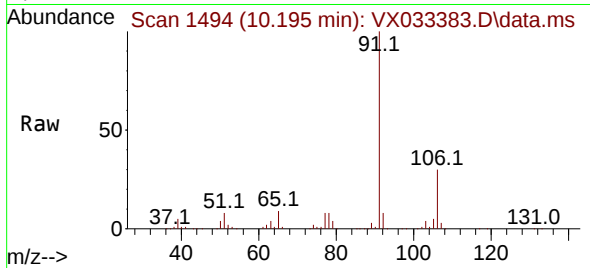
#67
Ethyl Benzene
Concen: 19.721 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 91 Resp: 135049
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

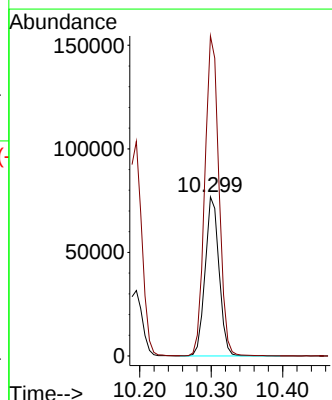
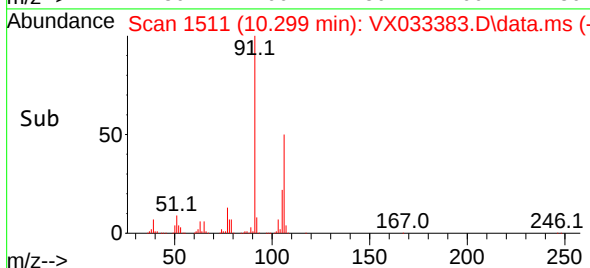
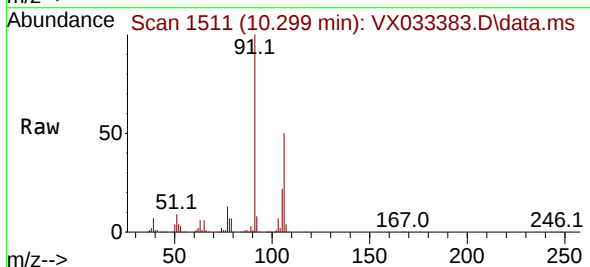
Manual Integrations
APPROVED

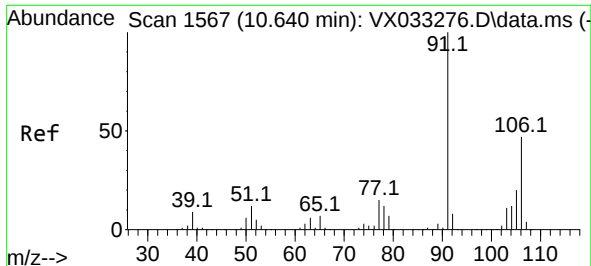
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#68
m/p-Xylenes
Concen: 38.983 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion:106 Resp: 103865
Ion Ratio Lower Upper
106 100
91 204.4 164.5 246.7





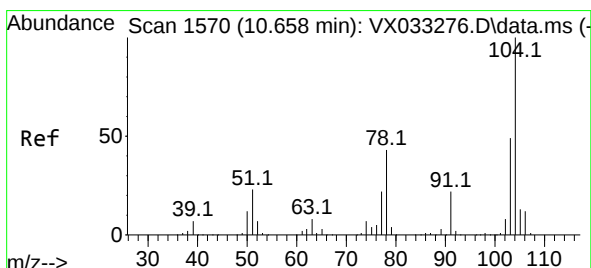
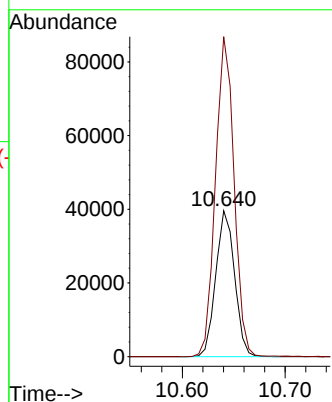
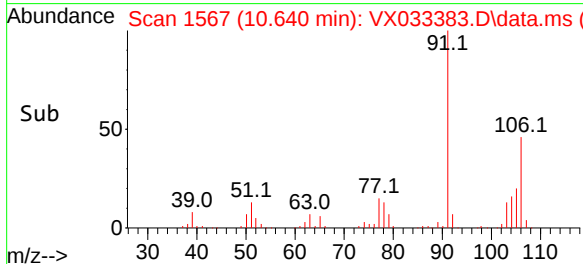
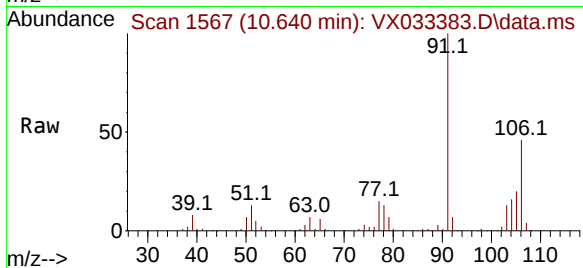
#69
o-Xylene
Concen: 19.110 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:106 Resp: 50329
Ion Ratio Lower Upper
106 100
91 216.3 109.2 327.6

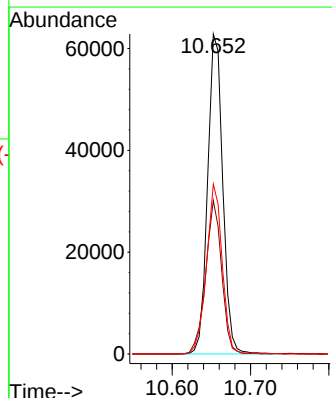
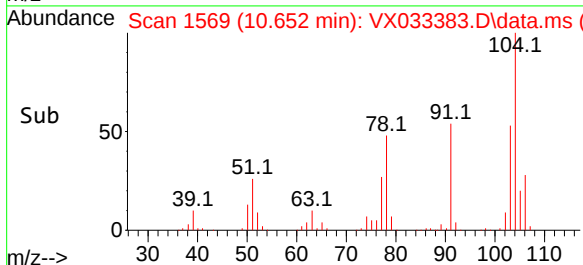
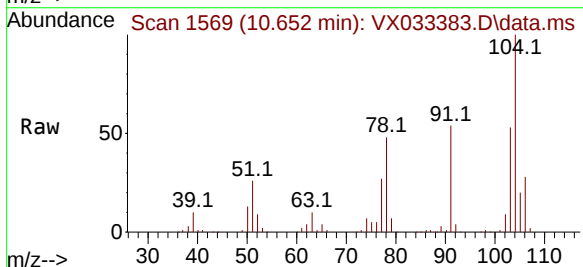
Manual Integrations
APPROVED

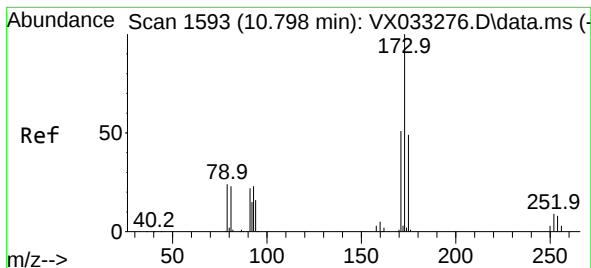
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#70
Styrene
Concen: 19.497 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion:104 Resp: 84096
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 55.5 44.5 66.7





#71

Bromoform

Concen: 18.587 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

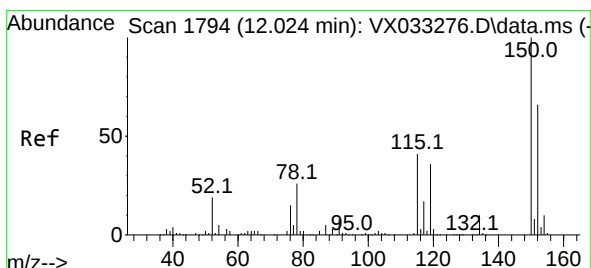
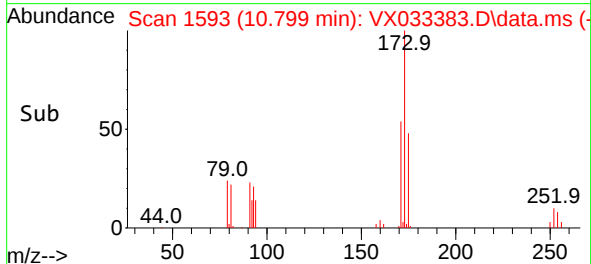
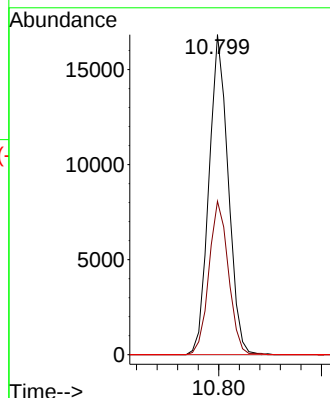
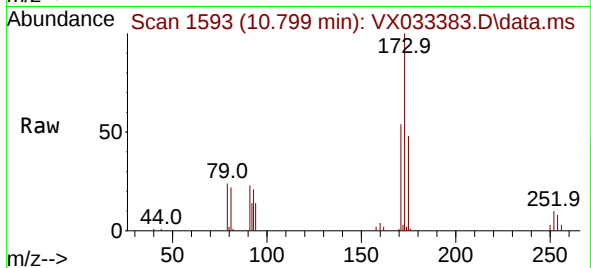
Tgt Ion:173	Resp: 2185
Ion Ratio	Lower Upper
173 100	
175 48.7	23.9 71.8
254 0.0	0.0 0.0

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

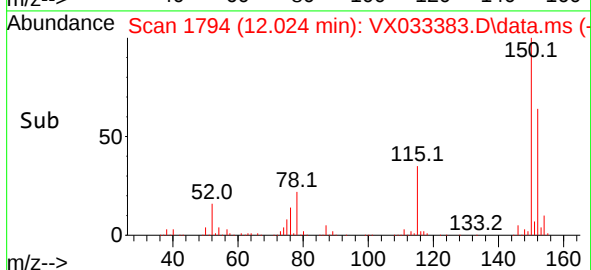
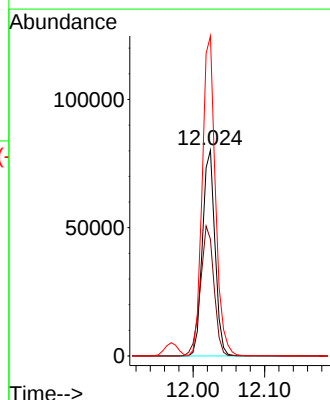
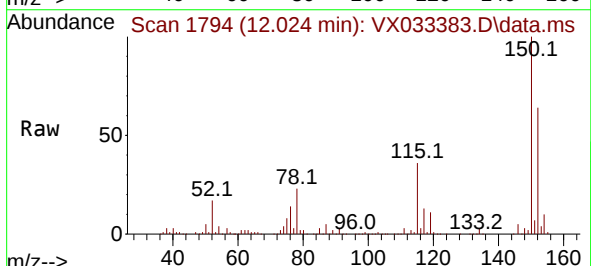
RT: 12.024 min Scan# 1794

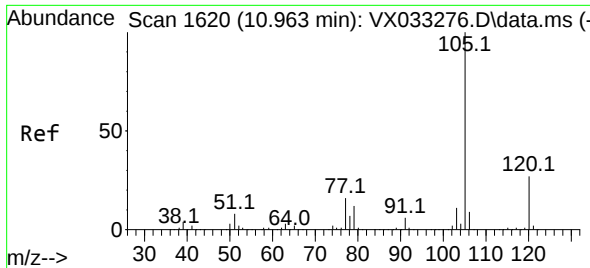
Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Tgt Ion:152	Resp: 98019
Ion Ratio	Lower Upper
152 100	
115 68.1	44.0 132.0
150 162.7	0.0 351.8





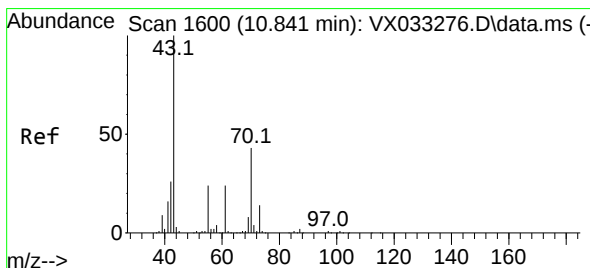
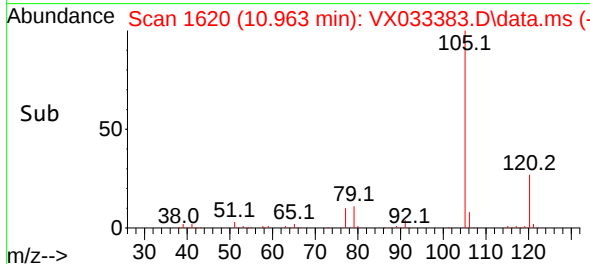
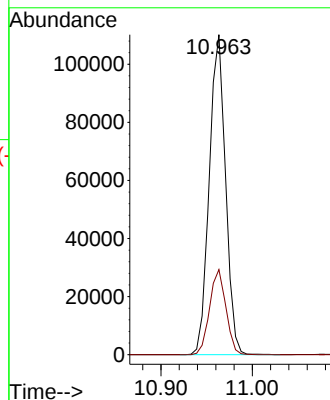
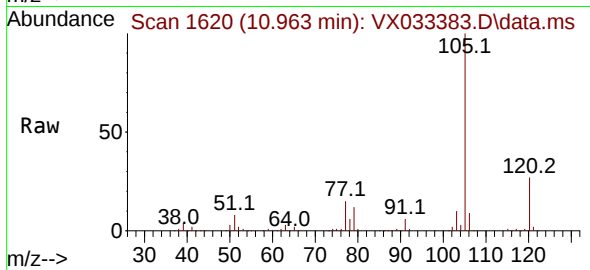
#73
Isopropylbenzene
Concen: 19.126 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:105 Resp: 135879
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

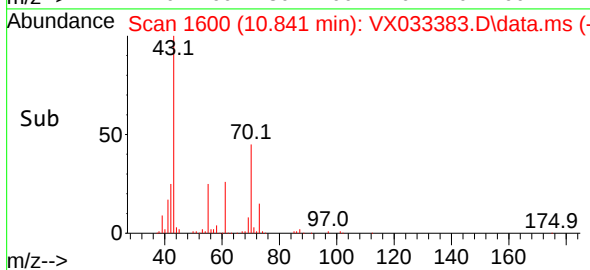
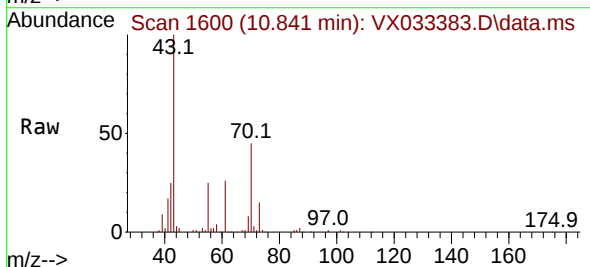
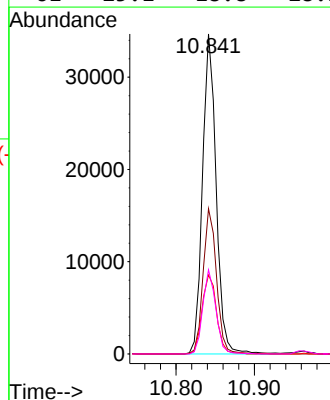
Manual Integrations
APPROVED

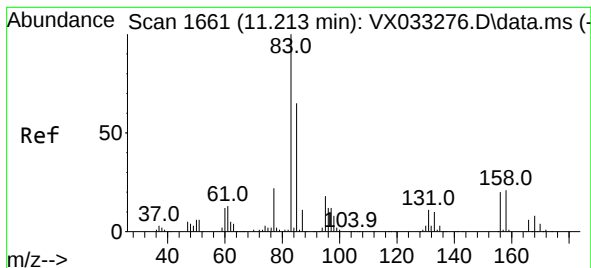
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#74
N-ethyl acetate
Concen: 17.310 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 43 Resp: 41958
Ion Ratio Lower Upper
43 100
70 44.6 33.6 50.4
55 26.3 19.4 29.2
61 25.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.083 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

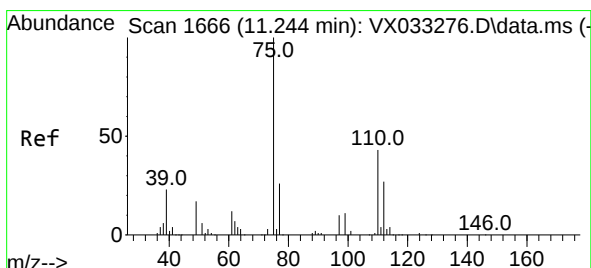
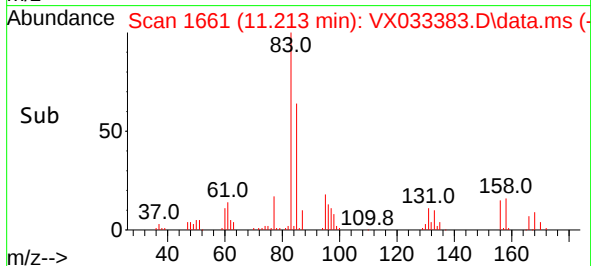
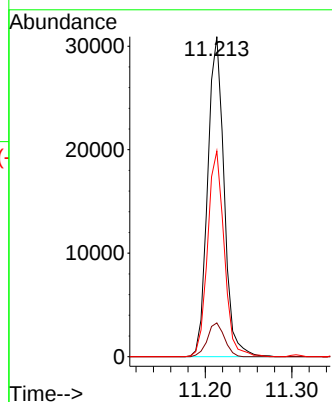
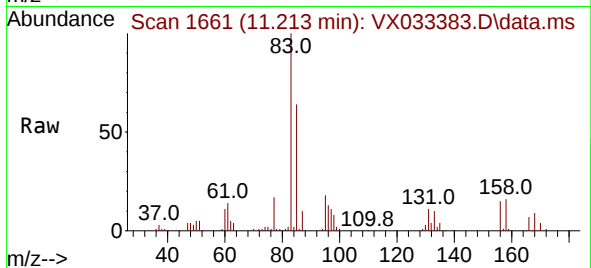
Tgt Ion:	83	Resp:	4075
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	65.0	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#76

1,2,3-Trichloropropane

Concen: 18.362 ug/l m

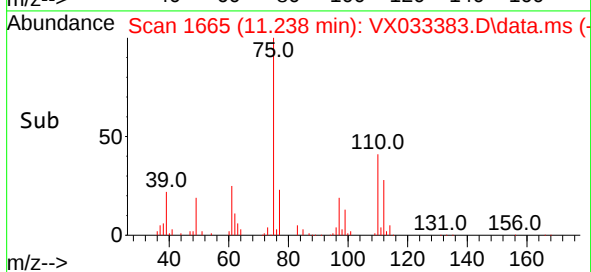
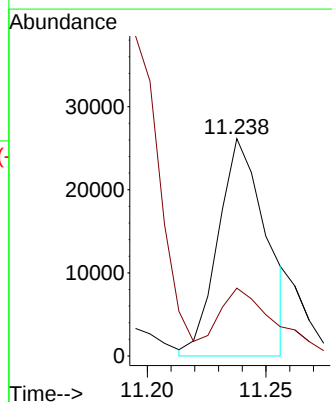
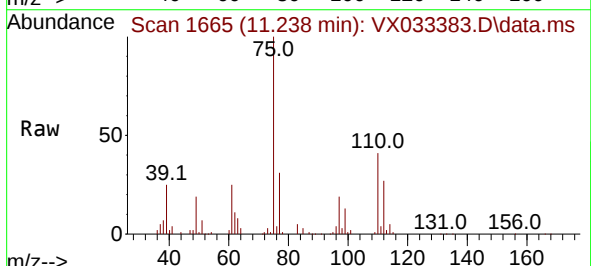
RT: 11.238 min Scan# 1665

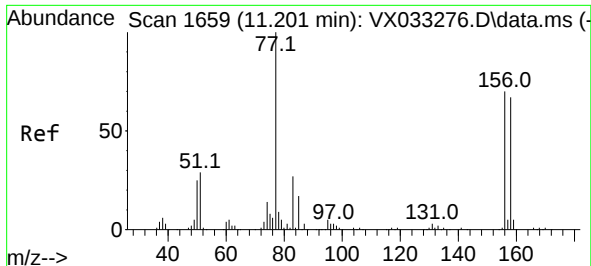
Delta R.T. -0.006 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

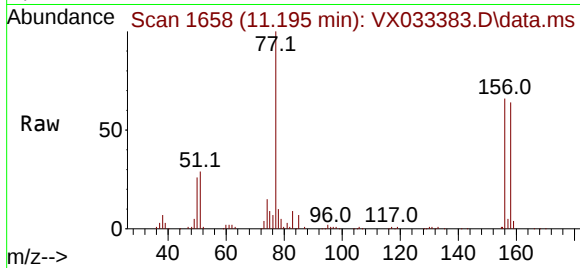
Tgt Ion:	75	Resp:	36618
Ion Ratio	Lower	Upper	
75	100		
77	37.3	20.0	60.0





#77
Bromobenzene
Concen: 18.560 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

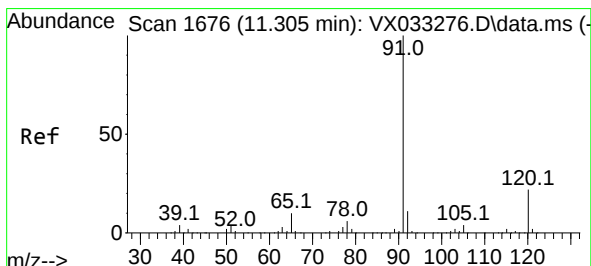
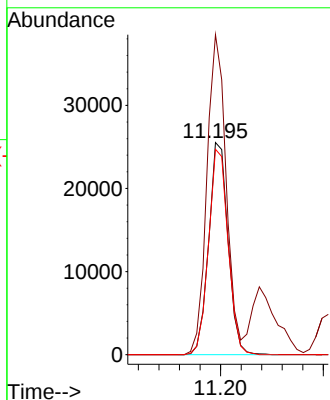
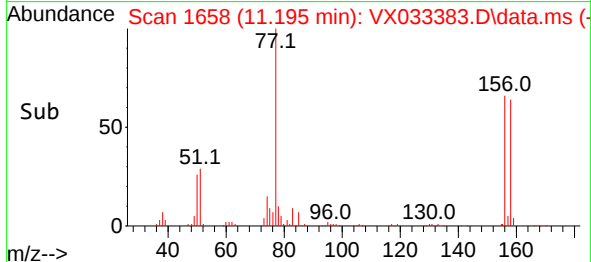
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



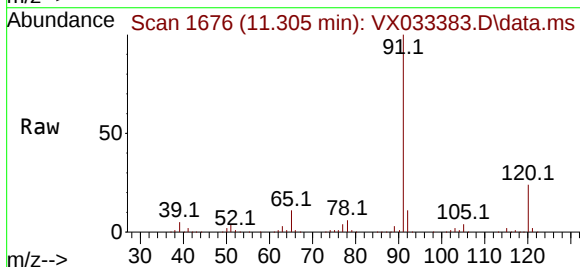
Tgt Ion:156 Resp: 3329
Ion Ratio Lower Upper
156 100
77 149.9 76.1 228.4
158 97.7 48.8 146.3

Manual Integrations
APPROVED

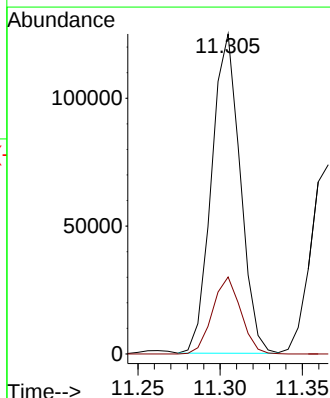
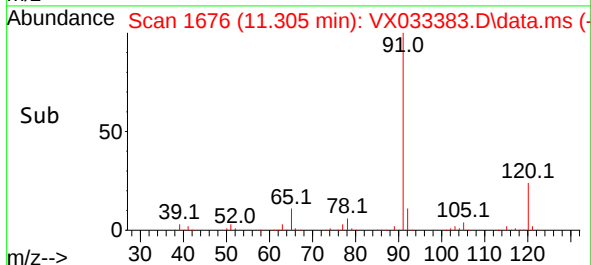
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

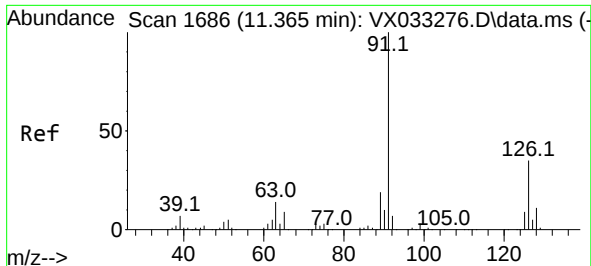


#78
n-propylbenzene
Concen: 19.078 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion: 91 Resp: 151344
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.000 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 91 Resp: 9314

Ion Ratio Lower Upper

91 100

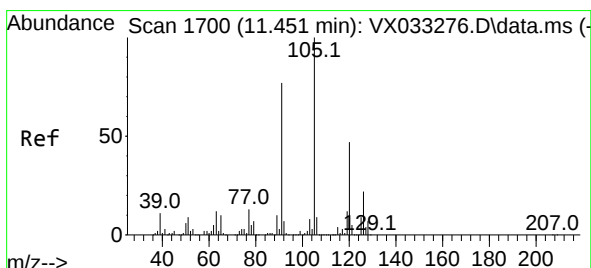
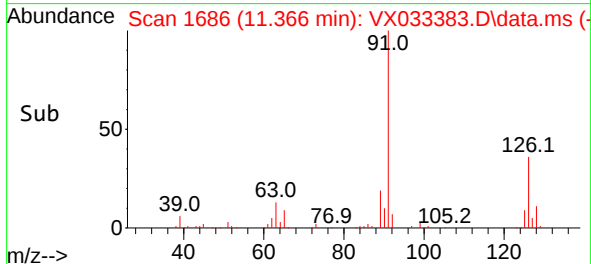
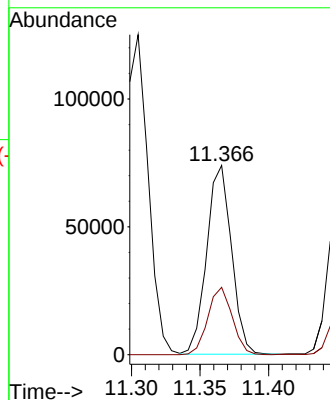
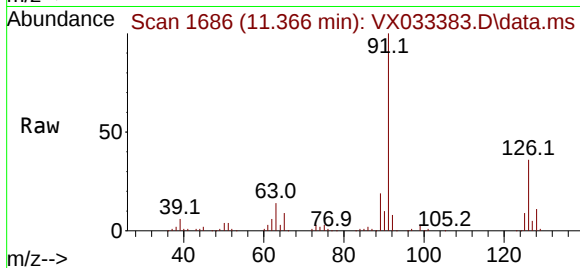
126 35.0 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#80

1,3,5-Trimethylbenzene

Concen: 19.238 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033383.D

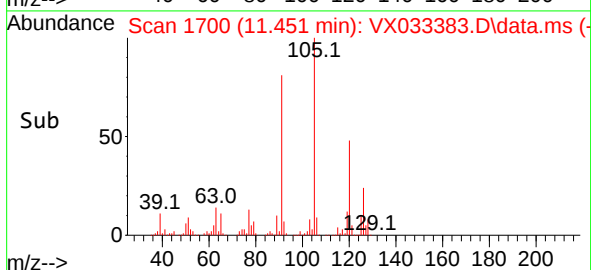
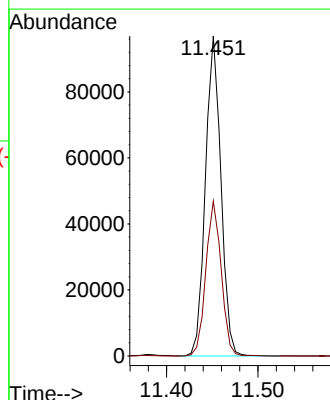
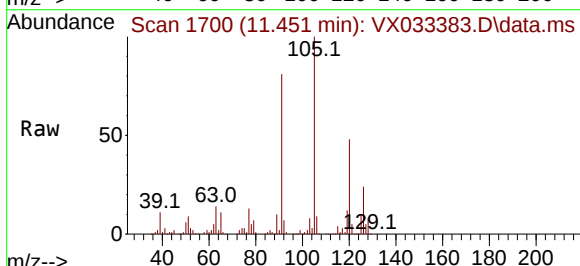
Acq: 13 Dec 2022 11:36

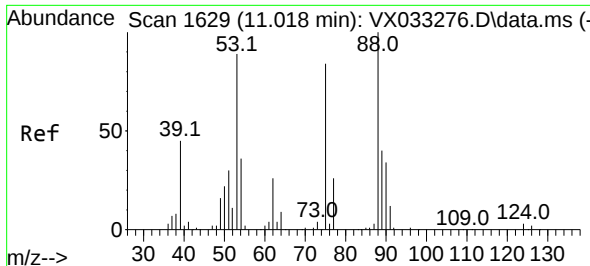
Tgt Ion:105 Resp: 113771

Ion Ratio Lower Upper

105 100

120 48.0 23.6 71.0





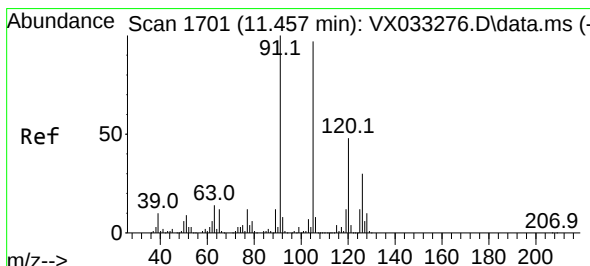
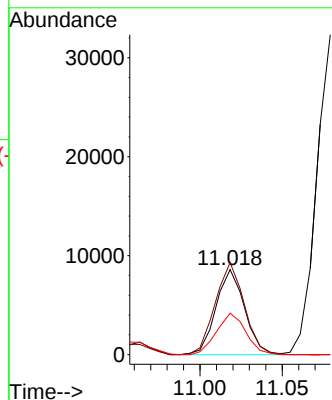
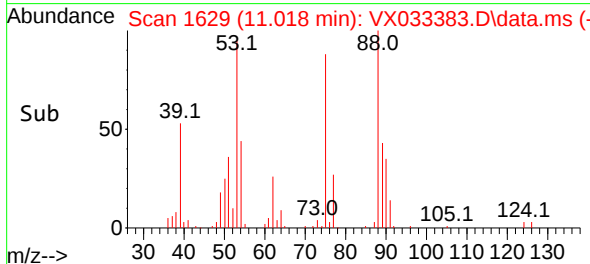
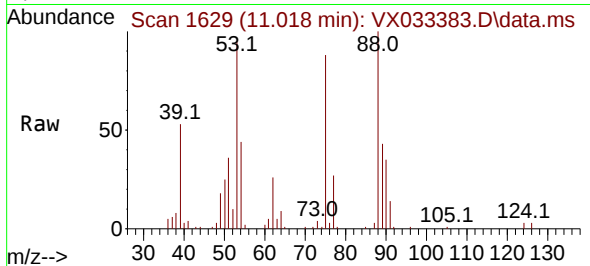
#81
trans-1,4-Dichloro-2-butene
Concen: 16.241 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 75 Resp: 10412
Ion Ratio Lower Upper
75 100
53 109.6 86.9 130.3
89 49.8 38.3 57.5

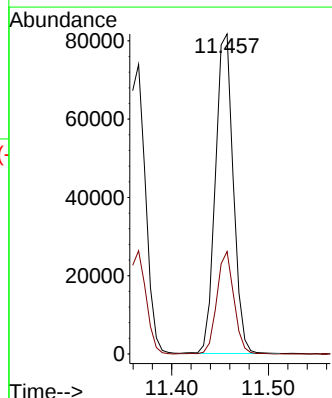
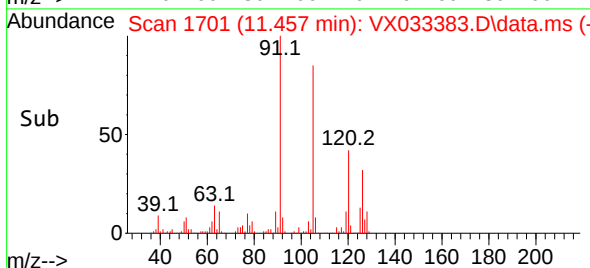
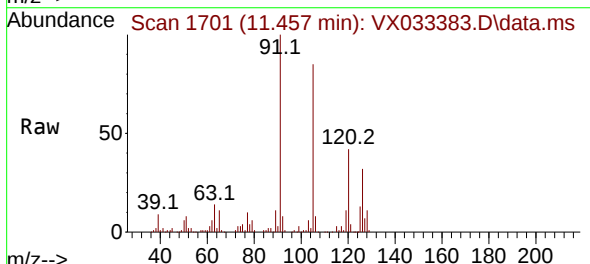
Manual Integrations
APPROVED

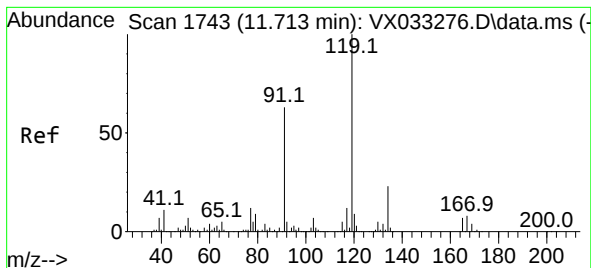
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 18.378 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Tgt Ion: 91 Resp: 104770
Ion Ratio Lower Upper
91 100
126 30.7 14.8 44.4





#83

tert-Butylbenzene

Concen: 18.816 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

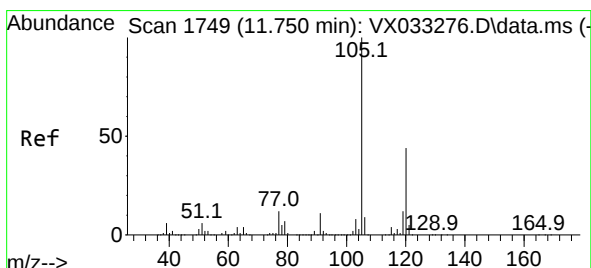
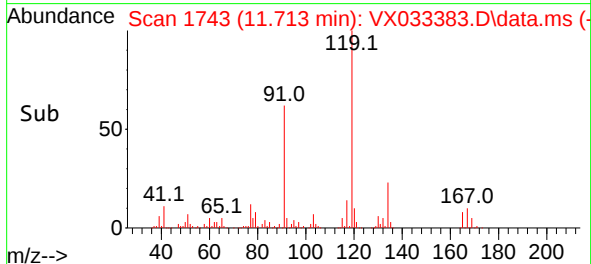
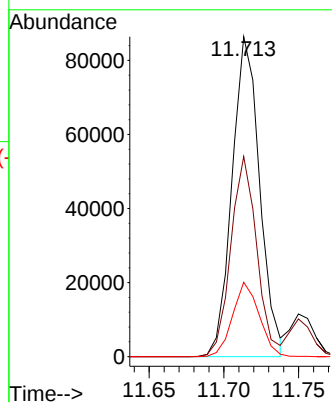
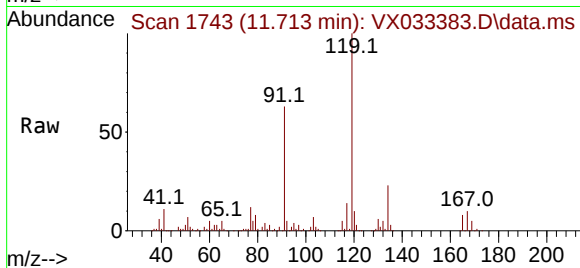
Tgt Ion:	119	Resp:	110964
Ion Ratio	Lower	Upper	
119	100		
91	59.0	29.4	88.2
134	22.5	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#84

1,2,4-Trimethylbenzene

Concen: 19.407 ug/l

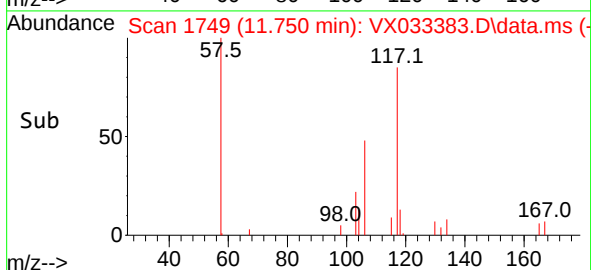
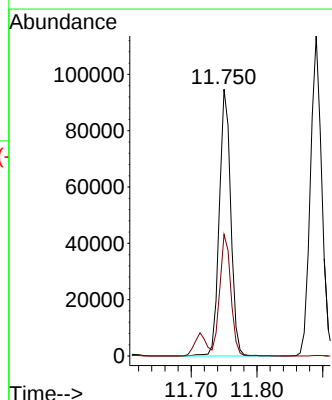
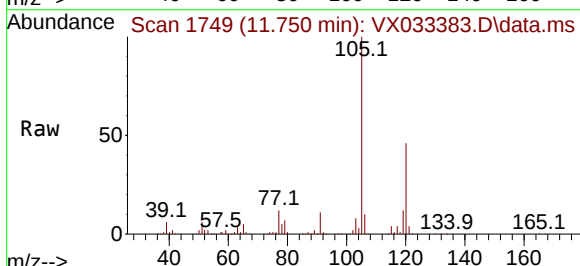
RT: 11.750 min Scan# 1749

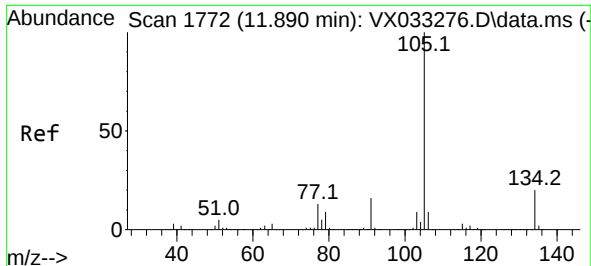
Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

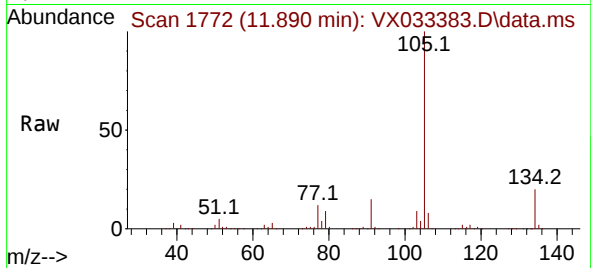
Tgt Ion:	105	Resp:	114566
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.9	65.5





#85
 sec-Butylbenzene
 Concen: 19.706 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033383.D
 Acq: 13 Dec 2022 11:36

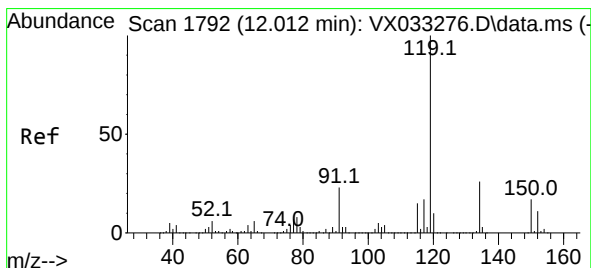
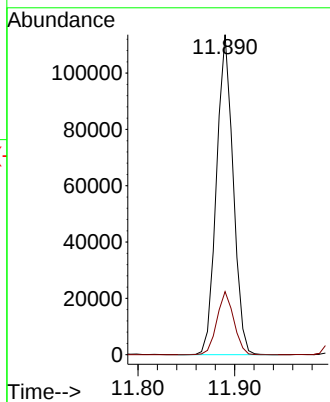
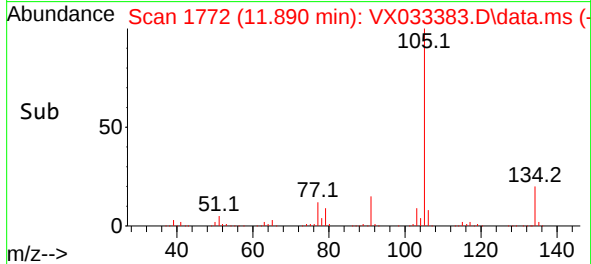
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01



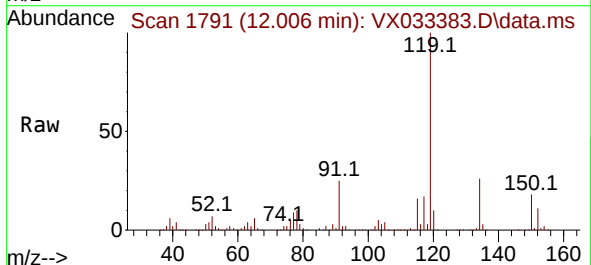
Tgt Ion:105 Resp: 135589
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

Manual Integrations
 APPROVED

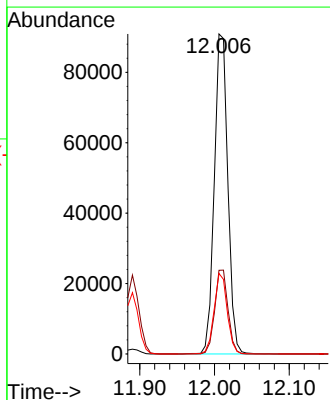
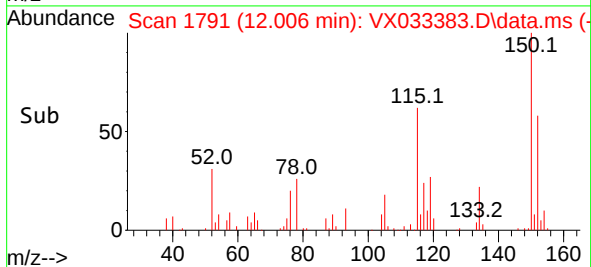
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#86
 p-Isopropyltoluene
 Concen: 19.229 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033383.D
 Acq: 13 Dec 2022 11:36



Tgt Ion:119 Resp: 114068
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 18.893 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

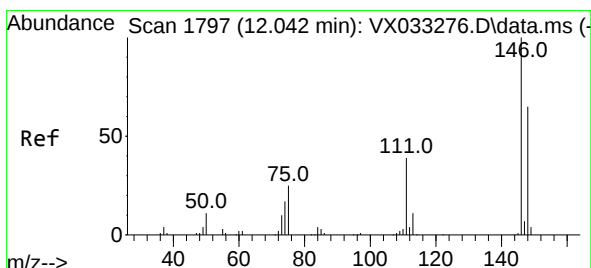
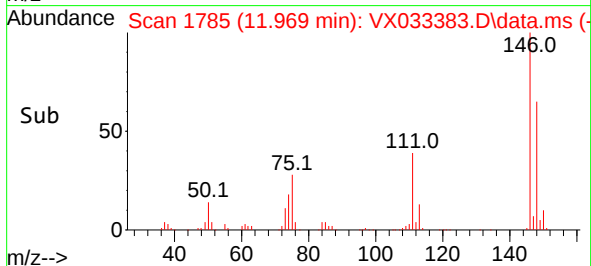
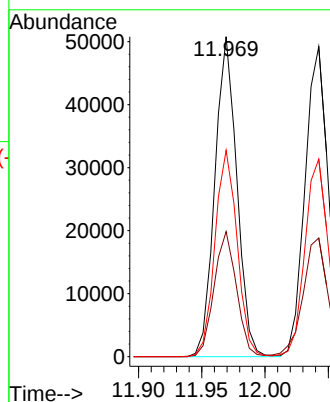
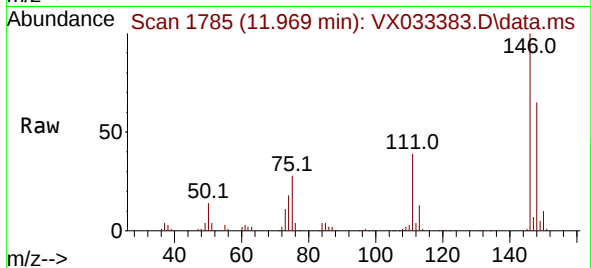
Tgt Ion:146 Resp: 61398
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.8
 148 65.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 18.902 ug/l

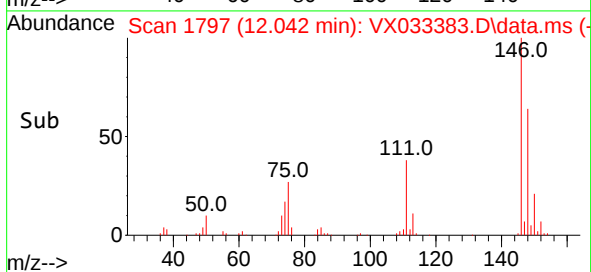
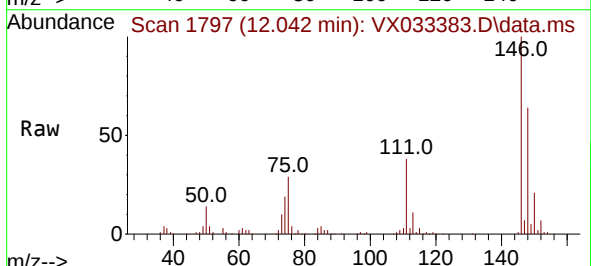
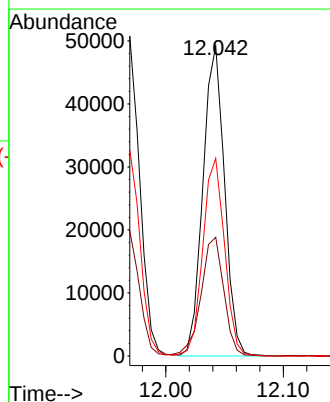
RT: 12.042 min Scan# 1797

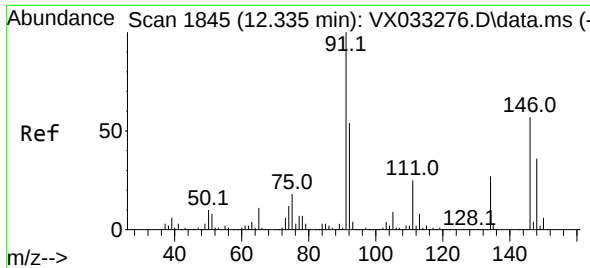
Delta R.T. 0.000 min

Lab File: VX033383.D

Acq: 13 Dec 2022 11:36

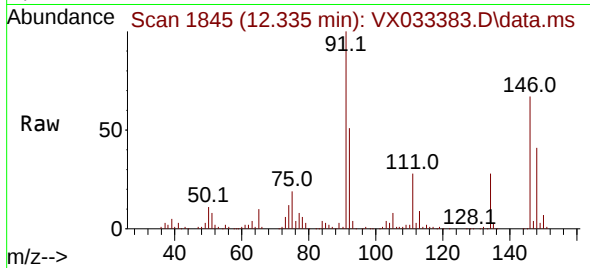
Tgt Ion:146 Resp: 62744
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 64.1 32.2 96.6





#89
n-Butylbenzene
Concen: 19.238 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

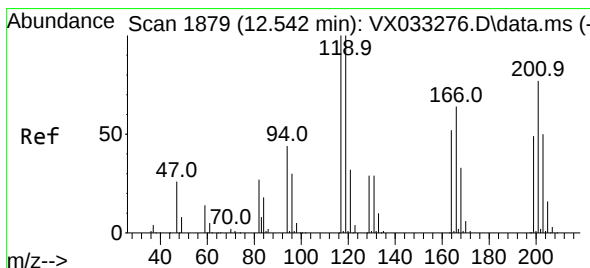
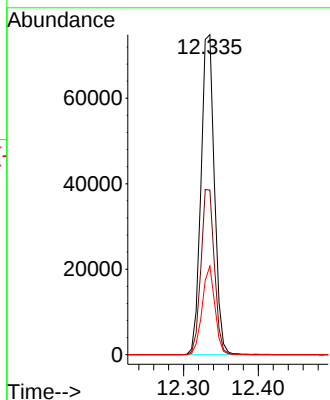
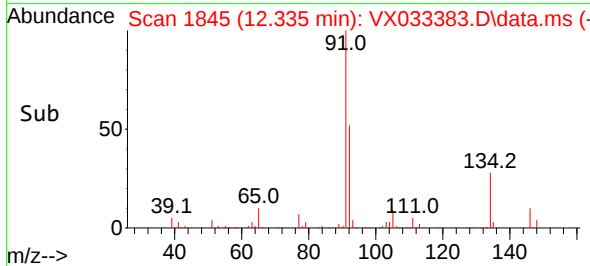
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 91 Resp: 9347
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.6
134 26.2 12.9 38.6

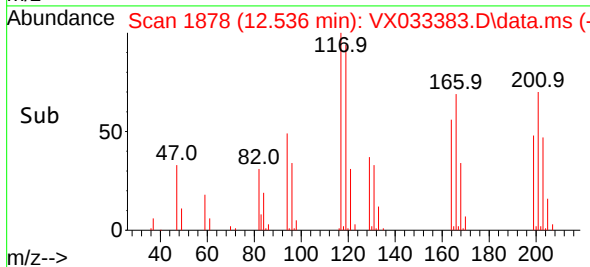
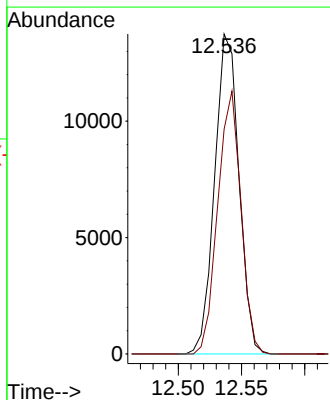
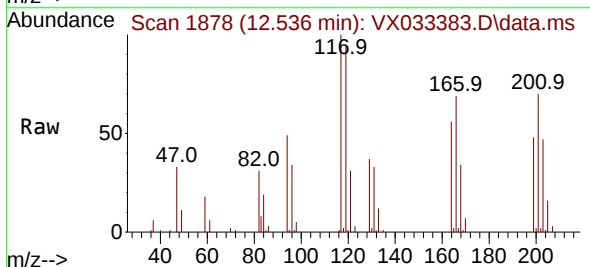
Manual Integrations
APPROVED

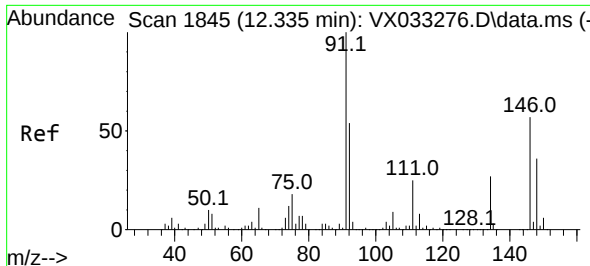
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 18.189 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

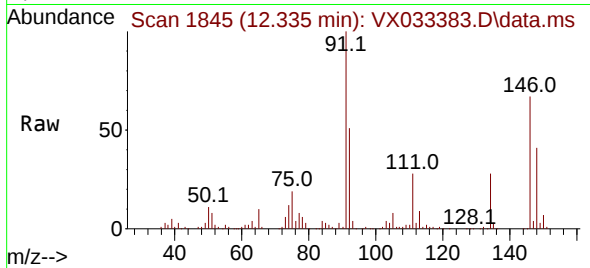
Tgt Ion:117 Resp: 18340
Ion Ratio Lower Upper
117 100
201 78.4 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 18.721 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

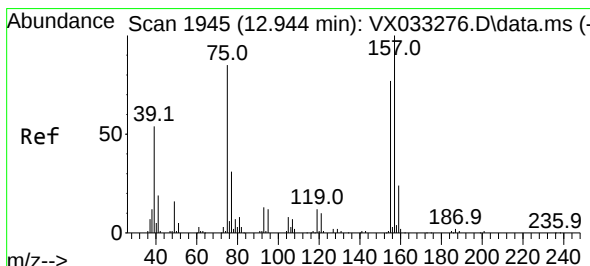
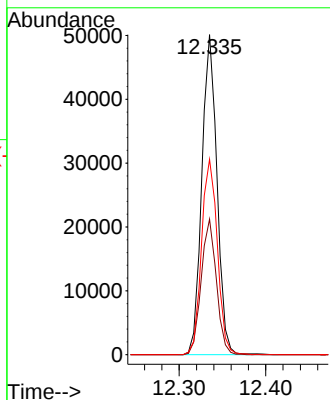
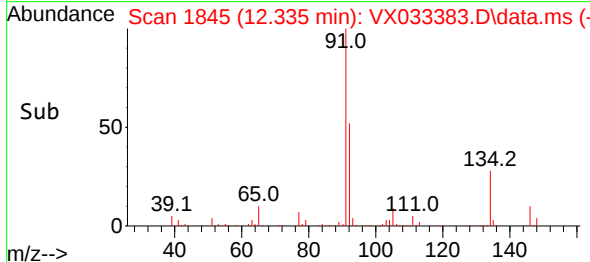
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



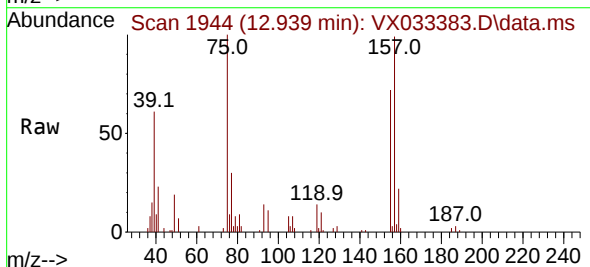
Tgt Ion:146 Resp: 6082
Ion Ratio Lower Upper
146 100
111 42.4 21.5 64.5
148 63.9 32.0 96.2

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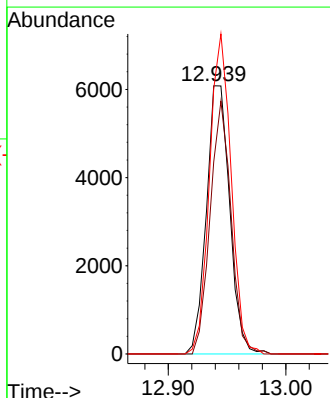
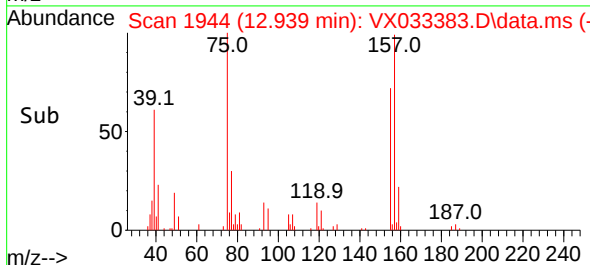
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

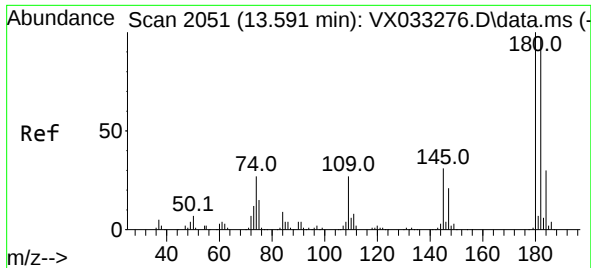


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.211 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion: 75 Resp: 8379
Ion Ratio Lower Upper
75 100
155 84.6 41.6 124.8
157 110.9 54.1 162.4





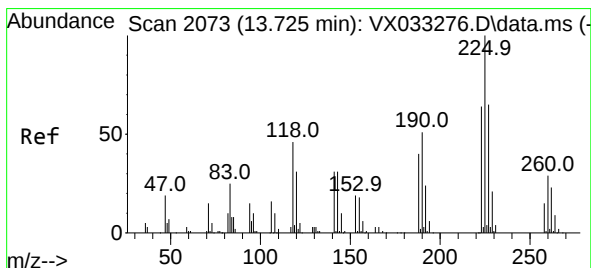
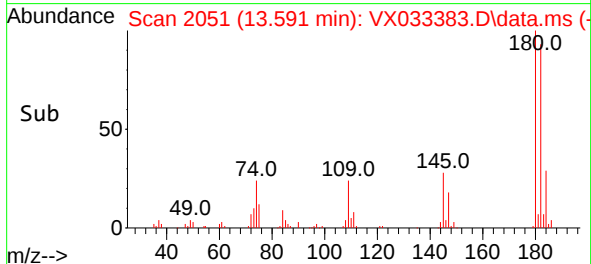
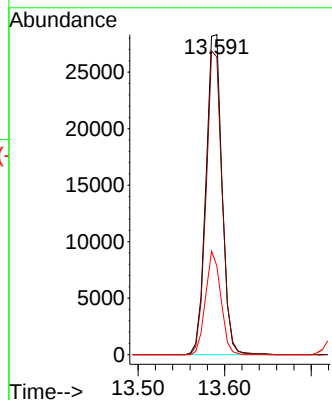
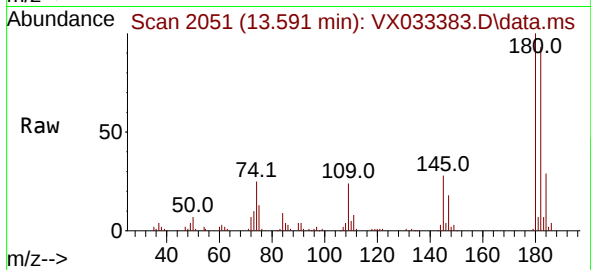
#93
1,2,4-Trichlorobenzene
Concen: 18.623 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:180 Resp: 3654
Ion Ratio Lower Upper
180 100
182 94.4 48.4 145.0
145 30.6 16.2 48.5

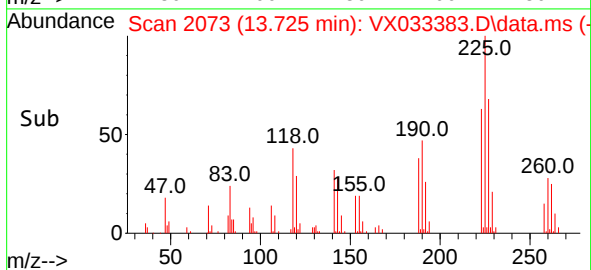
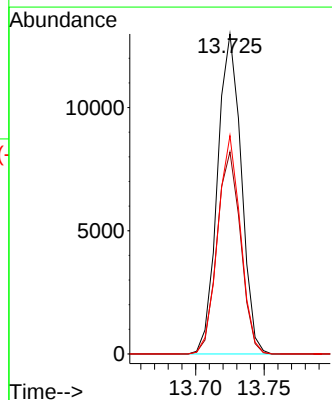
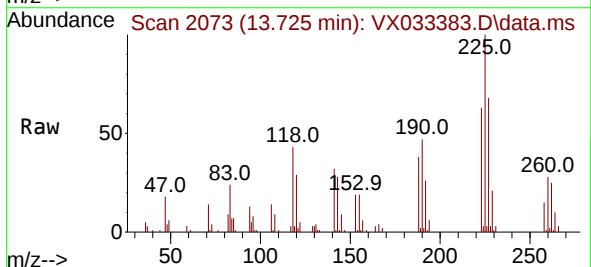
Manual Integrations
APPROVED

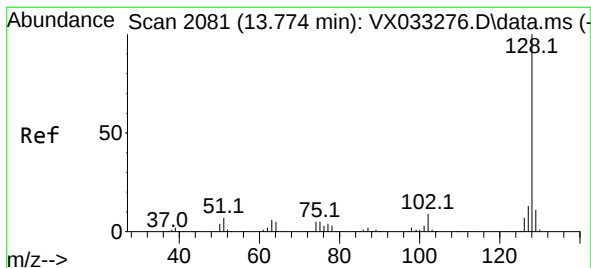
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#94
Hexachlorobutadiene
Concen: 19.874 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

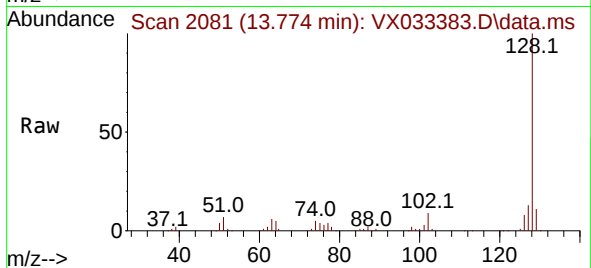
Tgt Ion:225 Resp: 15616
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 65.4 31.9 95.5





#95
Naphthalene
Concen: 18.319 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36

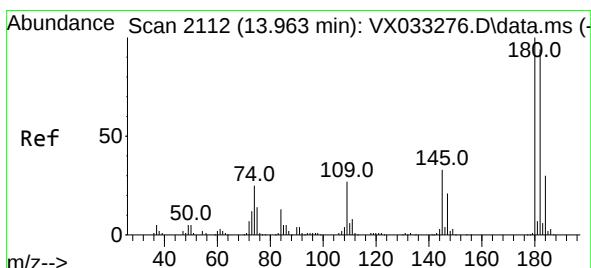
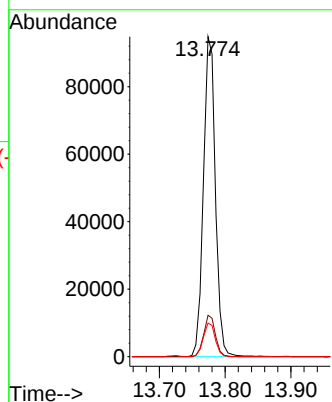
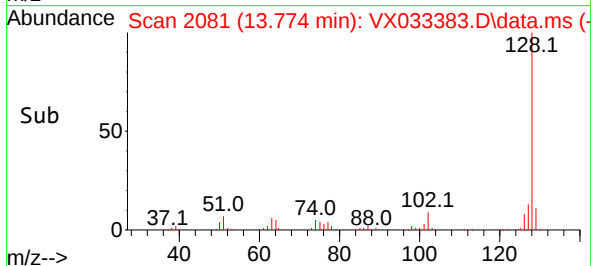
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



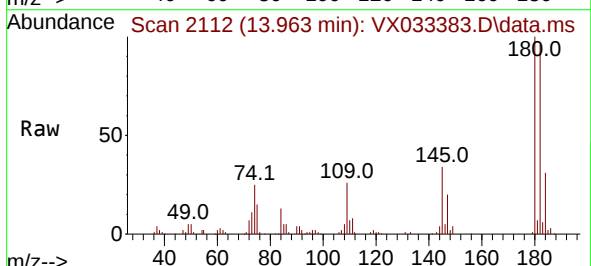
Tgt Ion:128 Resp: 119904
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.5 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.159 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033383.D
Acq: 13 Dec 2022 11:36



Tgt Ion:180 Resp: 36089
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.6
145 33.7 16.9 50.6

