

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101322\
 Data File : VX032112.D
 Acq On : 13 Oct 2022 15:43
 Operator : JC/MD
 Sample : VX1013MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 14 07:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	113101	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85340	57.750	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.500%			
35) Dibromofluoromethane	5.385	113	63074	49.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.540%			
50) Toluene-d8	8.646	98	224287	48.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.380%			
62) 4-Bromofluorobenzene	11.079	95	86330	53.008	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21139	19.851	ug/l	99
3) Chloromethane	1.288	50	19412	17.408	ug/l	99
4) Vinyl Chloride	1.373	62	22147	16.994	ug/l	97
5) Bromomethane	1.611	94	15201	15.533	ug/l	100
6) Chloroethane	1.684	64	15246	13.748	ug/l	98
7) Trichlorofluoromethane	1.886	101	36173	15.442	ug/l	98
8) Diethyl Ether	2.129	74	13252	16.597	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	16672	14.081	ug/l	94
10) Methyl Iodide	2.452	142	15006	14.524	ug/l	98
11) Tert butyl alcohol	2.989	59	16494	89.710	ug/l	98
12) 1,1-Dichloroethene	2.318	96	14917	13.686	ug/l	92
13) Acrolein	2.239	56	7840	62.246	ug/l	98
14) Allyl chloride	2.666	41	23267	15.003	ug/l	98
15) Acrylonitrile	3.068	53	48640	82.987	ug/l	96
16) Acetone	2.392	43	38793	77.241	ug/l	95
17) Carbon Disulfide	2.513	76	27661	11.818	ug/l	97
18) Methyl Acetate	2.702	43	28010	16.903	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	60201	16.460	ug/l	96
20) Methylene Chloride	2.788	84	19042	14.428	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	17474	14.477	ug/l	96
22) Diisopropyl ether	3.757	45	76397	21.913	ug/l #	82
23) Vinyl Acetate	3.721	43	298201	114.428	ug/l	100
24) 1,1-Dichloroethane	3.611	63	33626	16.090	ug/l	94
25) 2-Butanone	4.568	43	84925	108.170	ug/l	98
26) 2,2-Dichloropropane	4.470	77	29686	19.776	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	27043	18.725	ug/l	94
28) Bromochloromethane	4.903	49	21228	23.731	ug/l	95
29) Tetrahydrofuran	5.013	42	53591	105.792	ug/l	96
30) Chloroform	5.092	83	48660	20.903	ug/l	98
31) Cyclohexane	5.470	56	34434	19.505	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	40611	20.529	ug/l	97
36) 1,1-Dichloropropene	5.696	75	32062	18.886	ug/l	99
37) Ethyl Acetate	4.720	43	34399	21.523	ug/l	100
38) Carbon Tetrachloride	5.678	117	33765	19.452	ug/l	94
39) Methylcyclohexane	7.385	83	37082	18.312	ug/l	94
40) Benzene	6.037	78	94989	19.108	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18864	22.697	ug/l	97
42) 1,2-Dichloroethane	6.086	62	41040	22.655	ug/l	98
43) Isopropyl Acetate	6.342	43	55510	22.891	ug/l	99
44) Trichloroethene	7.128	130	25934	17.792	ug/l	99
45) 1,2-Dichloropropane	7.433	63	24602	20.138	ug/l	100
46) Dibromomethane	7.586	93	18596	19.641	ug/l	92
47) Bromodichloromethane	7.823	83	34769	21.258	ug/l	98
48) Methyl methacrylate	7.695	41	27206	23.479	ug/l	96
49) 1,4-Dioxane	7.695	88	11157	382.982	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	180677	112.432	ug/l	100
52) Toluene	8.720	92	60992	18.765	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	32454	19.195	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	36124	20.394	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	27191	19.821	ug/l	99
56) Ethyl methacrylate	9.116	69	37966	21.591	ug/l	97
57) 1,3-Dichloropropane	9.311	76	45299	20.549	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	87985	96.930	ug/l	95
59) 2-Hexanone	9.433	43	133917	113.021	ug/l	99
60) Dibromochloromethane	9.524	129	25954	20.673	ug/l	96
61) 1,2-Dibromoethane	9.610	107	27355	19.829	ug/l	100
64) Tetrachloroethene	9.274	164	25415	18.444	ug/l	94
65) Chlorobenzene	10.079	112	68521	18.528	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	24934	19.485	ug/l	99
67) Ethyl Benzene	10.195	91	119600	19.117	ug/l	98
68) m/p-Xylenes	10.305	106	91846	36.943	ug/l	96
69) o-Xylene	10.646	106	45202	18.706	ug/l	96
70) Styrene	10.658	104	75174	19.460	ug/l	99
71) Bromoform	10.799	173	16463	19.652	ug/l #	99
73) Isopropylbenzene	10.963	105	121878	19.228	ug/l	98
74) N-amyl acetate	10.847	43	43427	22.435	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	40126	19.924	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	37105m	21.542	ug/l	
77) Bromobenzene	11.201	156	29299	18.765	ug/l	97
78) n-propylbenzene	11.305	91	140115	19.434	ug/l	98
79) 2-Chlorotoluene	11.366	91	86309	19.893	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	105375	20.044	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8235	19.341	ug/l #	71
82) 4-Chlorotoluene	11.457	91	98456	19.814	ug/l	98
83) tert-Butylbenzene	11.713	119	103177	19.830	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	105441	19.743	ug/l	97
85) sec-Butylbenzene	11.890	105	130308	20.229	ug/l	98
86) p-Isopropyltoluene	12.012	119	108122	19.935	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	55348	18.617	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55816	18.240	ug/l	98
89) n-Butylbenzene	12.335	91	93600	20.608	ug/l	98
90) Hexachloroethane	12.542	117	15591	18.913	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	55362	18.730	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8501	23.060	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	33785	18.832	ug/l	98
94) Hexachlorobutadiene	13.725	225	13918	19.182	ug/l	98
95) Naphthalene	13.774	128	123708	20.124	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35203	19.345	ug/l	99

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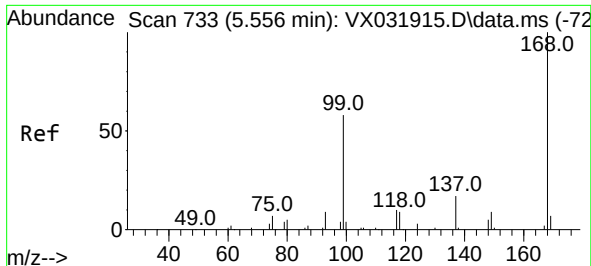
Manual Integrations
APPROVED

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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



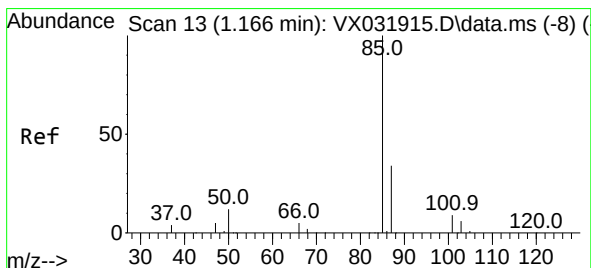
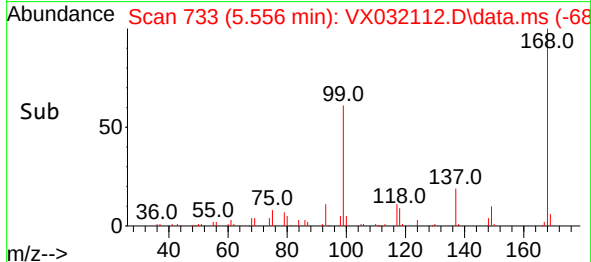
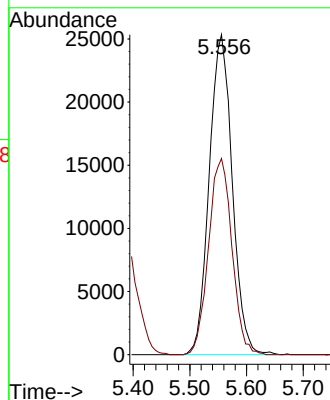
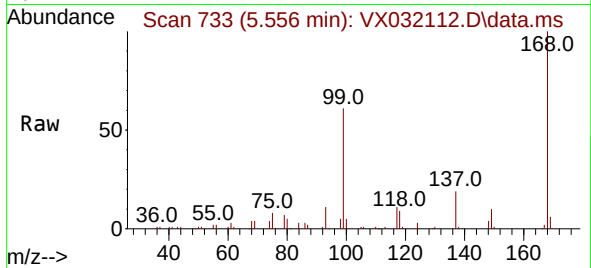
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:168 Resp: 7155
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2

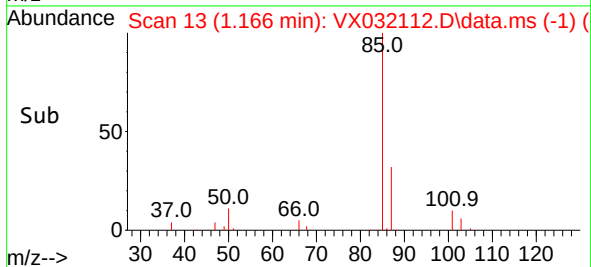
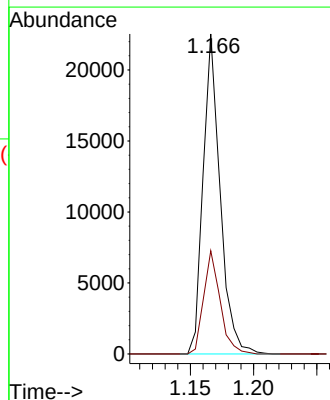
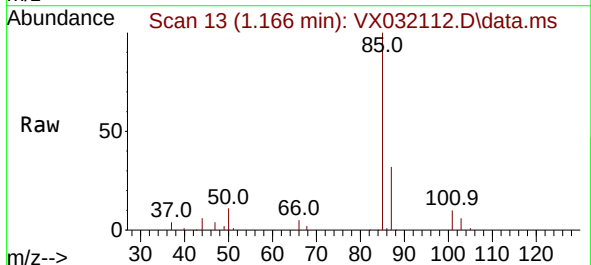
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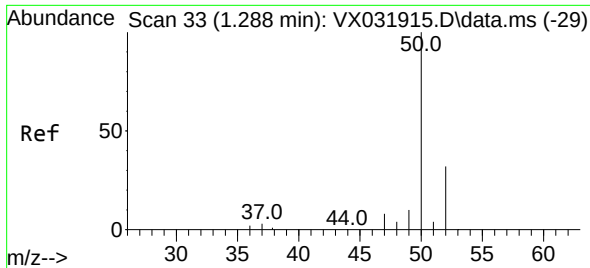
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 19.851 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 85 Resp: 21139
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





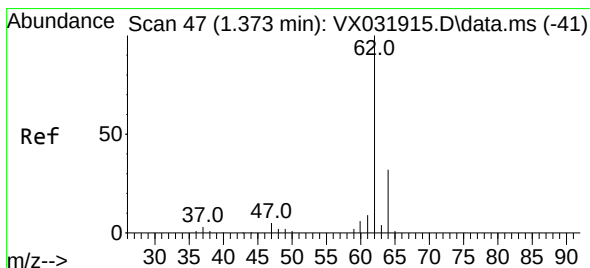
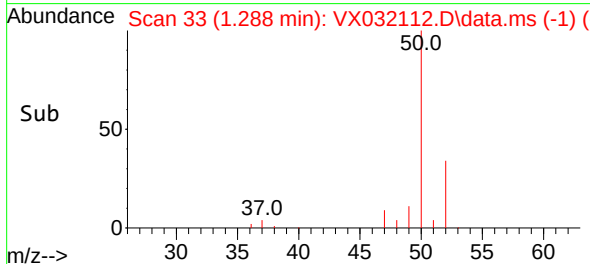
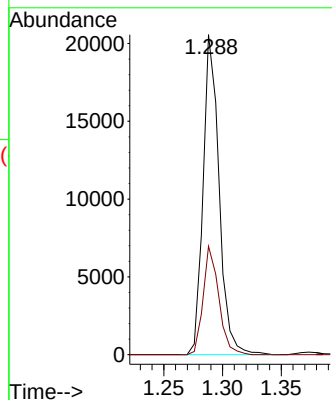
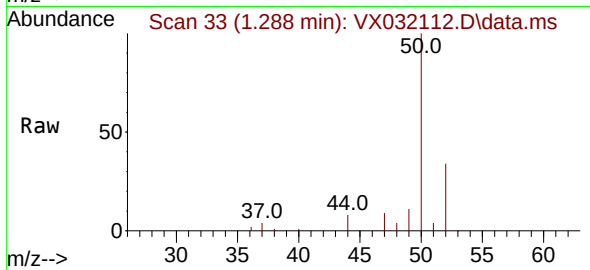
#3
Chloromethane
Concen: 17.408 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 50 Resp: 1941
Ion Ratio Lower Upper
50 100
52 33.9 26.9 40.3

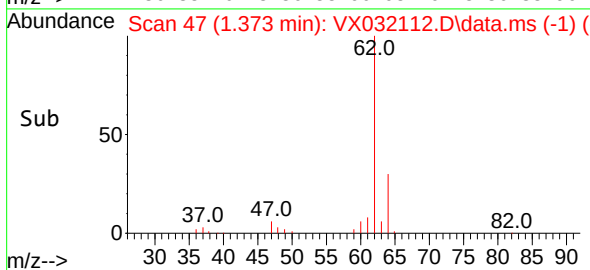
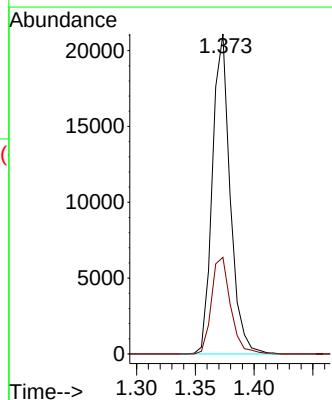
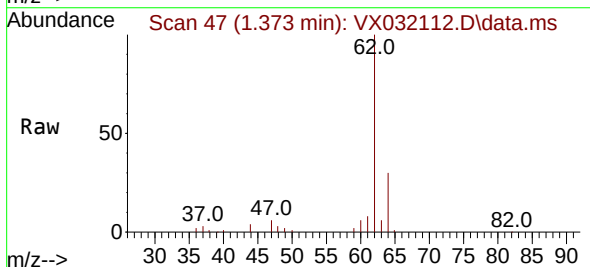
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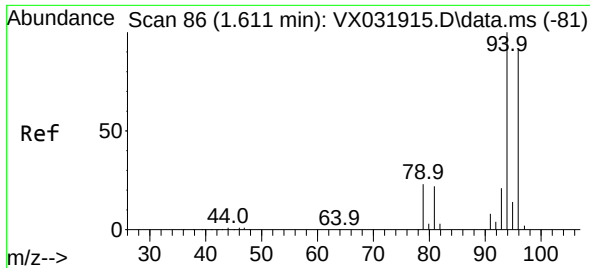
Reviewed By :John Carlone 10/14/2022
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#4
Vinyl Chloride
Concen: 16.994 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

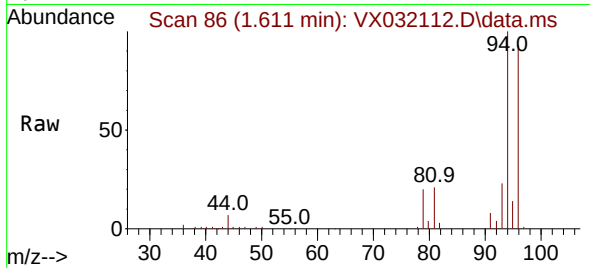
Tgt Ion: 62 Resp: 22147
Ion Ratio Lower Upper
62 100
64 30.2 25.3 37.9





#5
Bromomethane
Concen: 15.533 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032112.D
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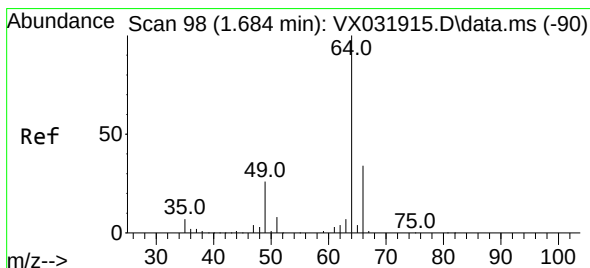
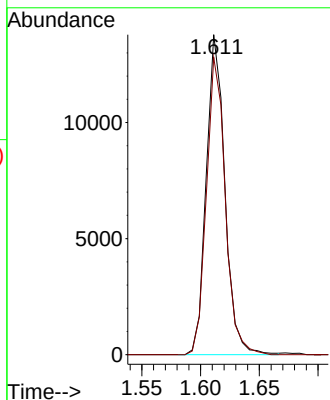
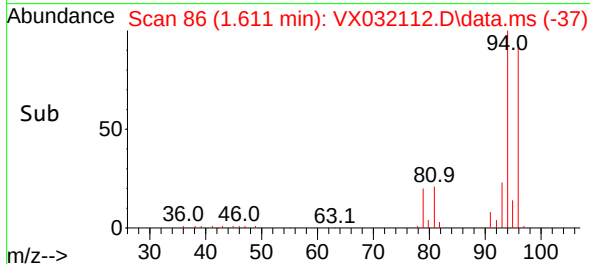
Instrument :
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Tgt Ion: 94 Resp: 1520
Ion Ratio Lower Upper
94 100
96 92.9 74.4 111.6

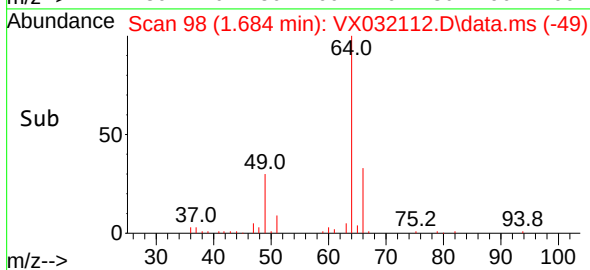
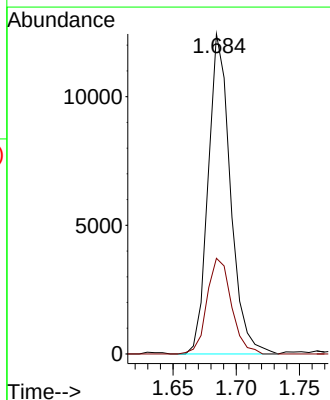
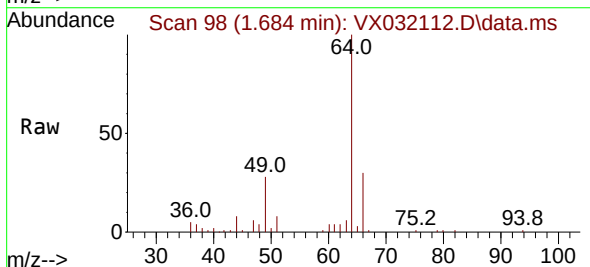
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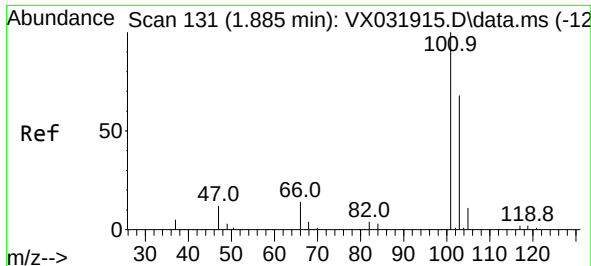
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#6
Chloroethane
Concen: 13.748 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032112.D
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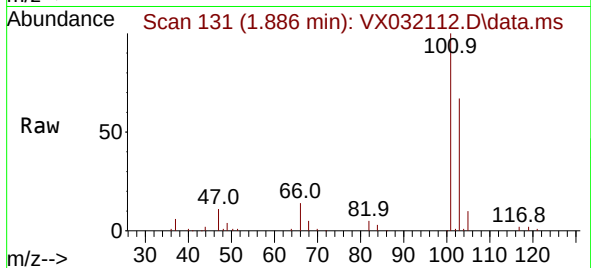
Tgt Ion: 64 Resp: 15246
Ion Ratio Lower Upper
64 100
66 29.9 25.0 37.4





#7
Trichlorofluoromethane
Concen: 15.442 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

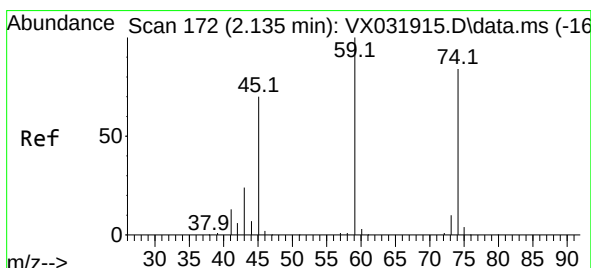
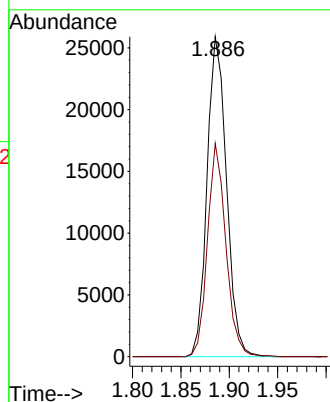
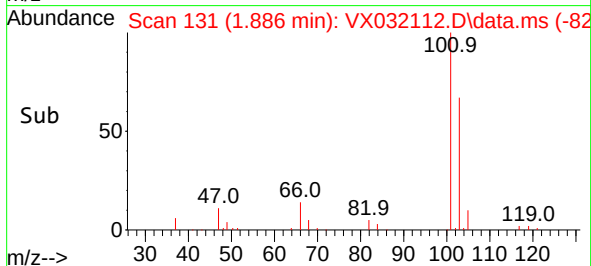
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion:101 Resp: 3617
Ion Ratio Lower Upper
101 100
103 66.6 51.8 77.6

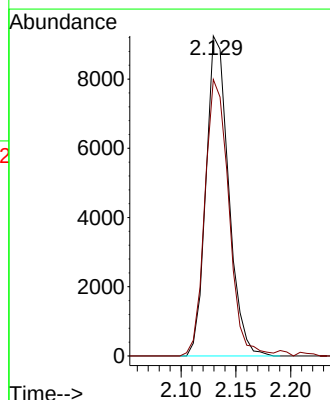
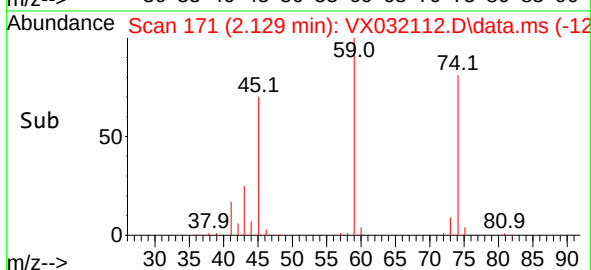
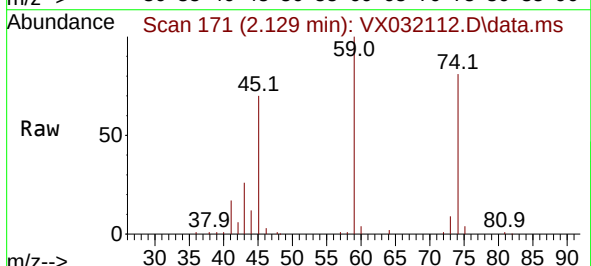
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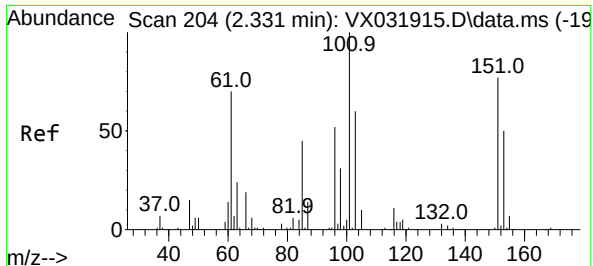
Reviewed By :John Carlone 10/14/2022
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#8
Diethyl Ether
Concen: 16.597 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 74 Resp: 13252
Ion Ratio Lower Upper
74 100
45 91.4 48.5 145.6





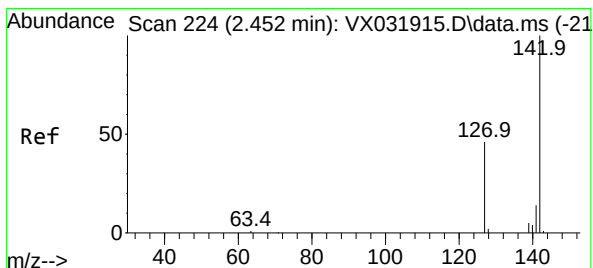
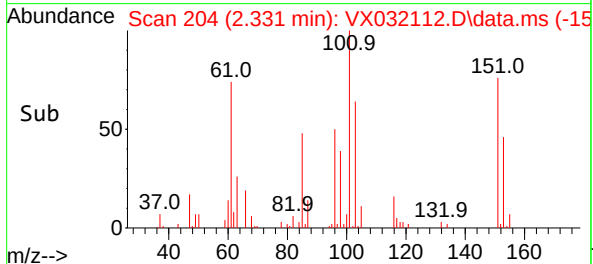
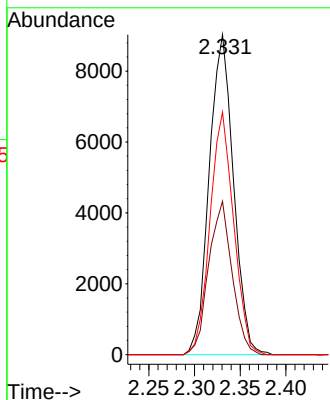
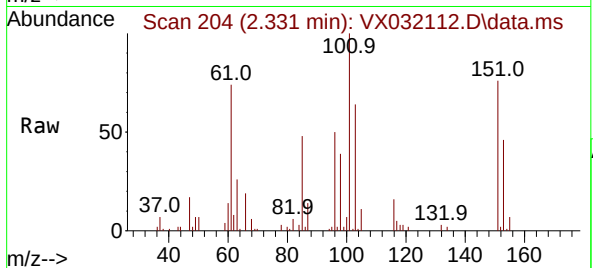
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.081 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:101 Resp: 1667
Ion Ratio Lower Upper
101 100
85 46.4 38.6 57.8
151 73.8 54.0 81.0

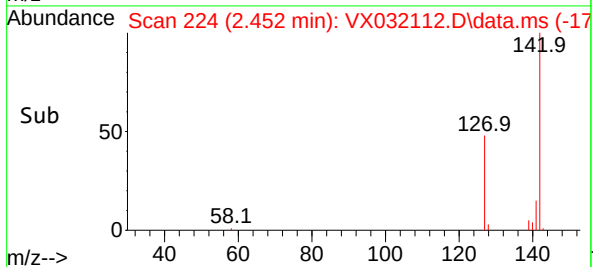
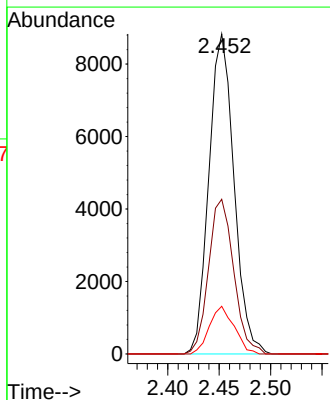
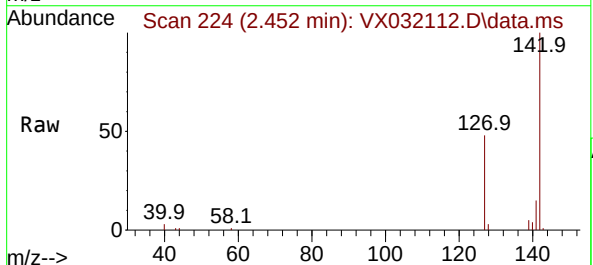
Manual Integrations
APPROVED

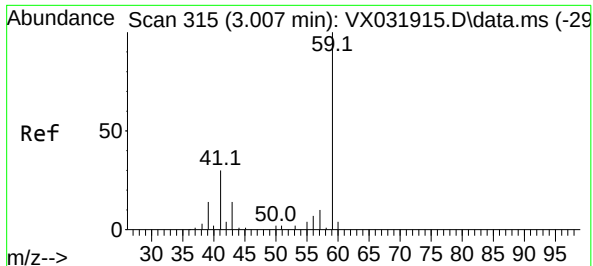
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
Methyl Iodide
Concen: 14.524 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:142 Resp: 15006
Ion Ratio Lower Upper
142 100
127 48.5 37.4 56.0
141 14.7 11.6 17.4





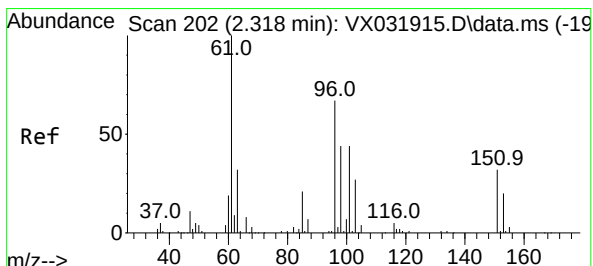
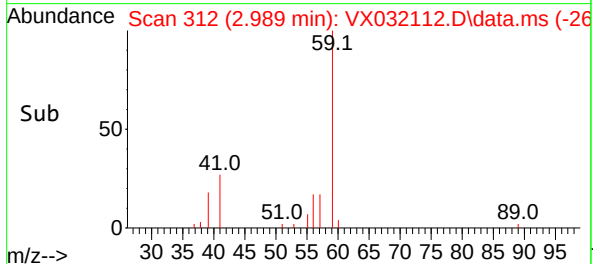
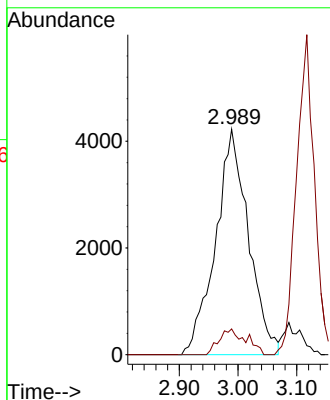
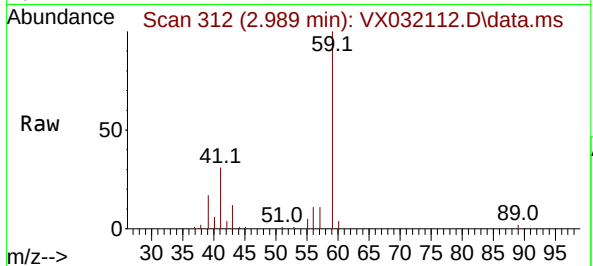
#11
Tert butyl alcohol
Concen: 89.710 ug/l
RT: 2.989 min Scan# 315
Delta R.T. -0.018 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 59 Resp: 16494
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2

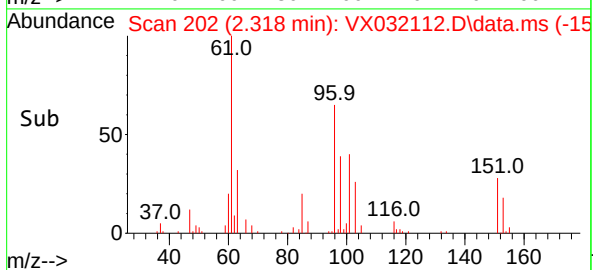
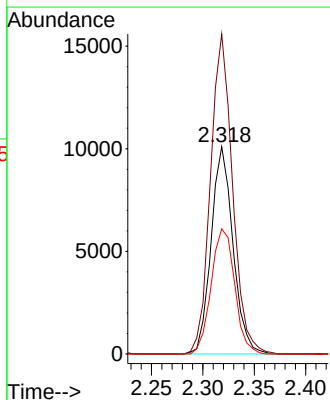
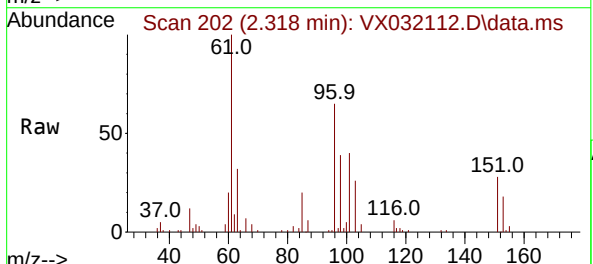
Manual Integrations
APPROVED

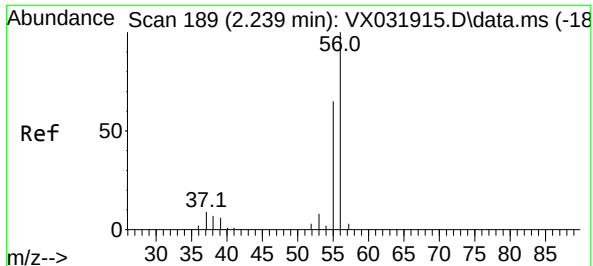
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
1,1-Dichloroethene
Concen: 13.686 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

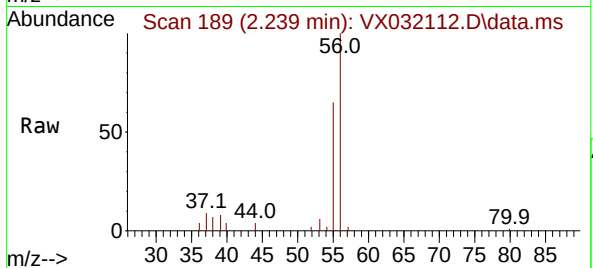
Tgt Ion: 96 Resp: 14917
Ion Ratio Lower Upper
96 100
61 154.4 135.3 202.9
98 60.4 49.4 74.2





#13
Acrolein
Concen: 62.246 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

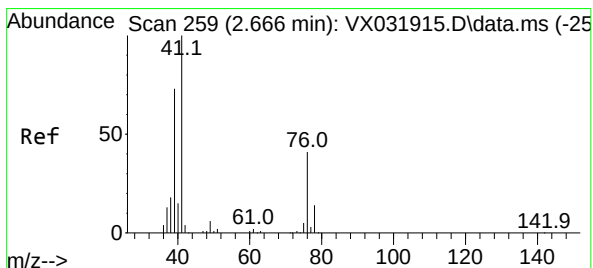
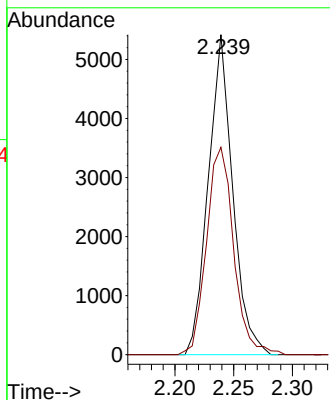
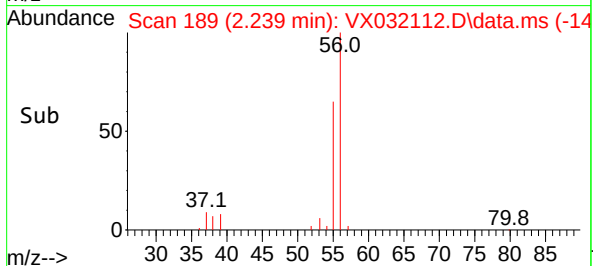
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion: 56 Resp: 7840
Ion Ratio Lower Upper
56 100
55 72.0 56.0 84.0

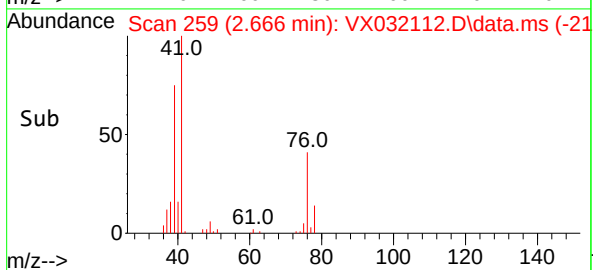
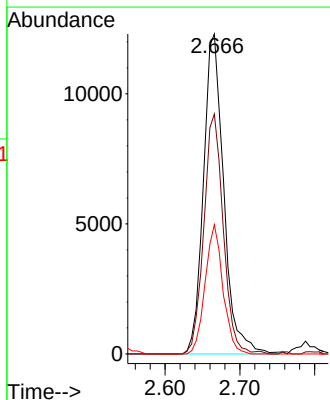
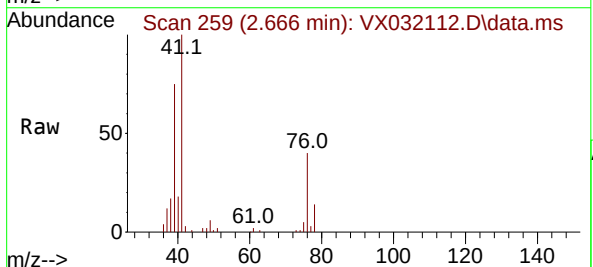
Manual Integrations
APPROVED

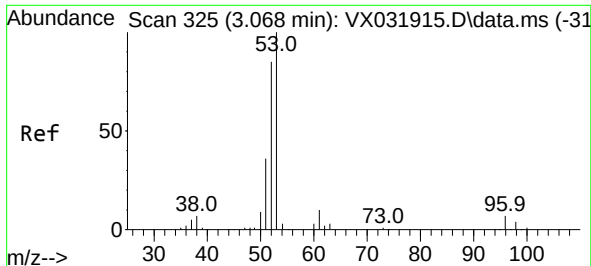
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Allyl chloride
Concen: 15.003 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

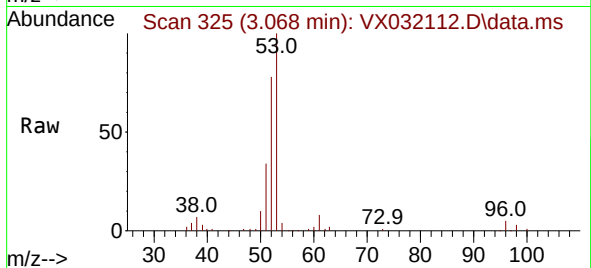
Tgt Ion: 41 Resp: 23267
Ion Ratio Lower Upper
41 100
39 71.7 58.2 87.4
76 35.4 26.9 40.3





#15
Acrylonitrile
Concen: 82.987 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

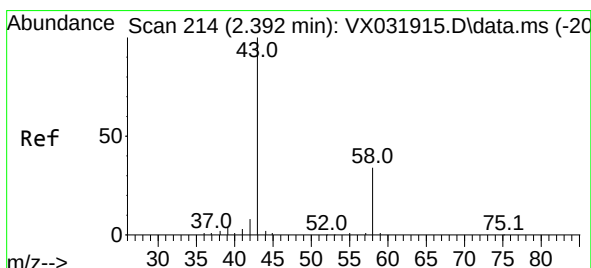
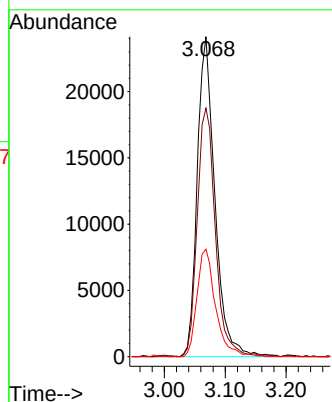
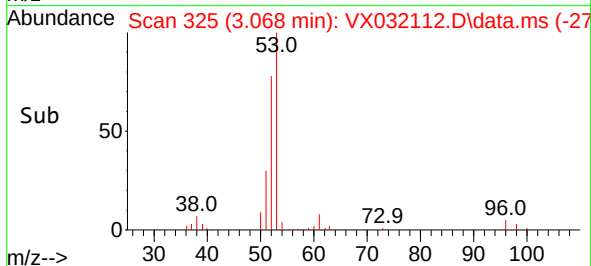
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



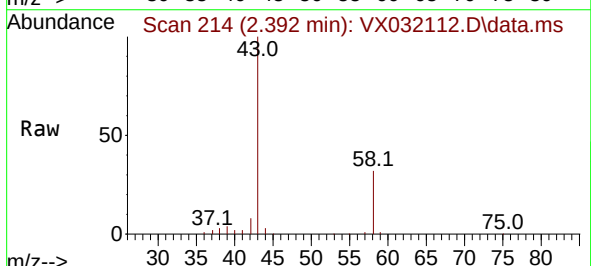
Tgt Ion: 53 Resp: 48640
Ion Ratio Lower Upper
53 100
52 79.9 66.9 100.3
51 35.4 30.0 45.0

Manual Integrations
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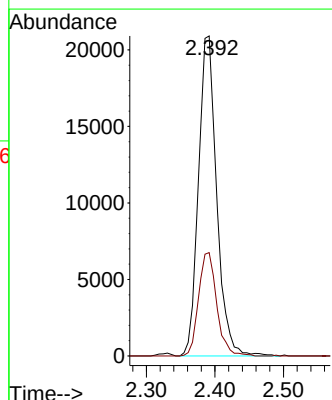
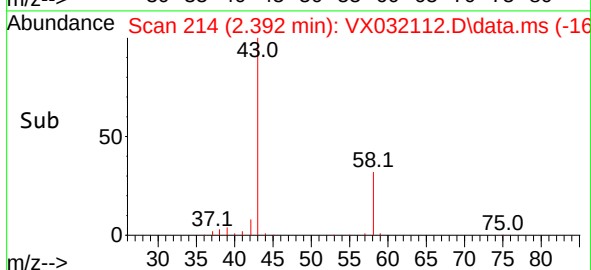
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

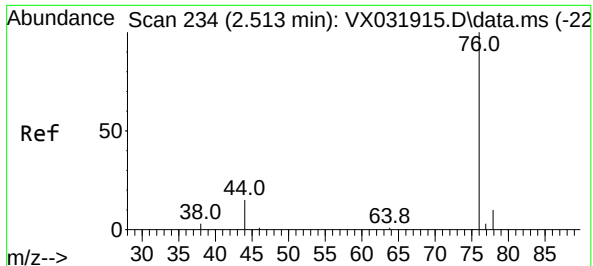


#16
Acetone
Concen: 77.241 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



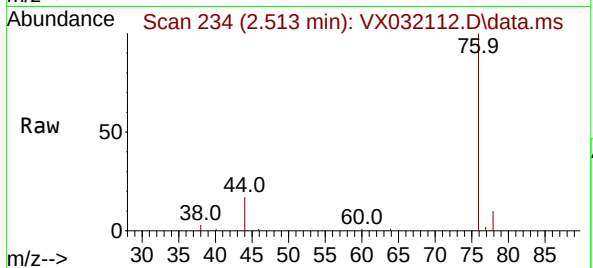
Tgt Ion: 43 Resp: 38793
Ion Ratio Lower Upper
43 100
58 32.3 23.8 35.8





#17
Carbon Disulfide
Concen: 11.818 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

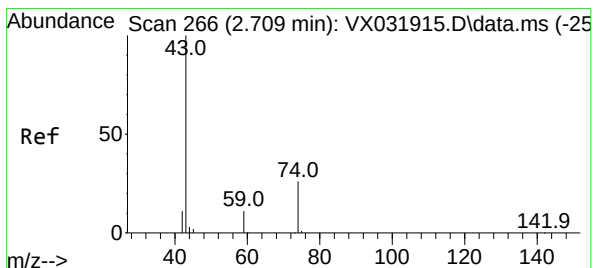
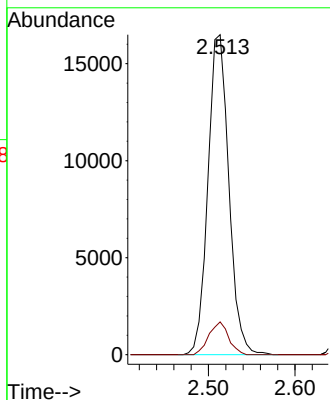
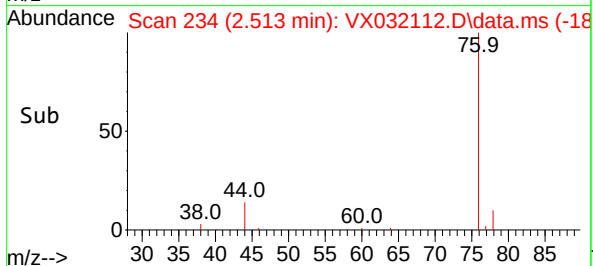
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



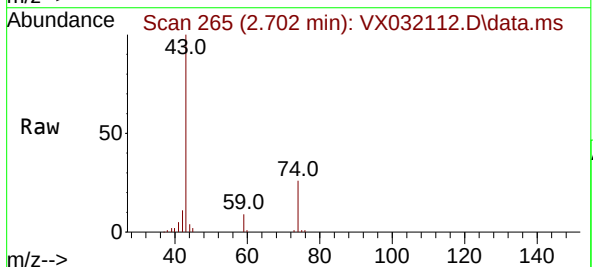
Tgt Ion: 76 Resp: 2766
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8

Manual Integrations
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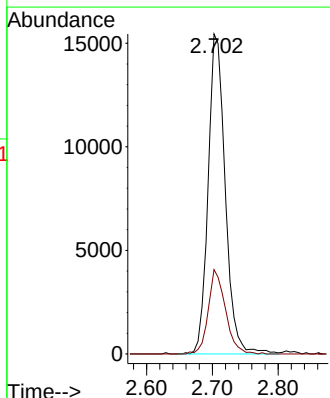
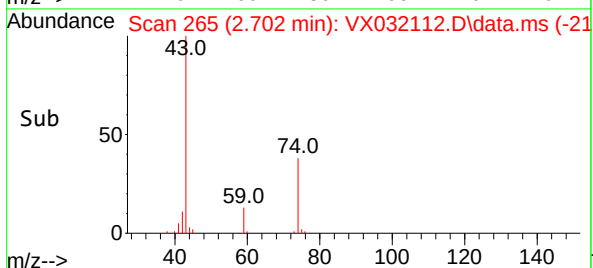
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

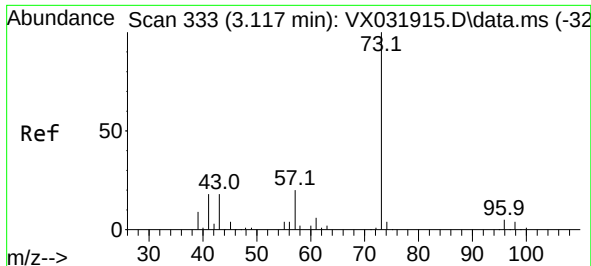


#18
Methyl Acetate
Concen: 16.903 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.007 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 43 Resp: 28010
Ion Ratio Lower Upper
43 100
74 26.5 18.6 27.8





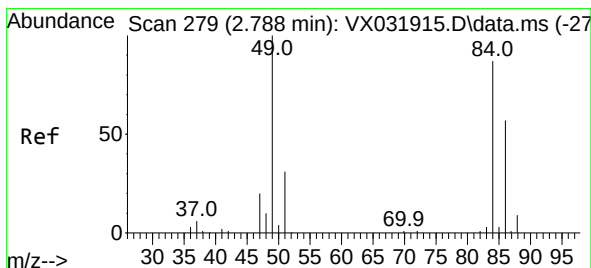
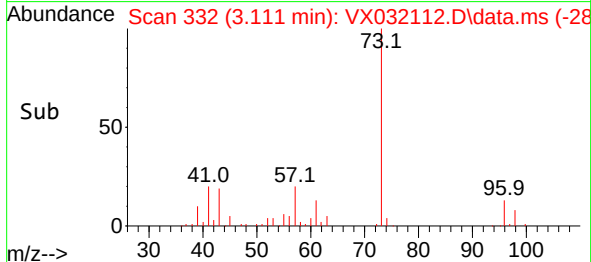
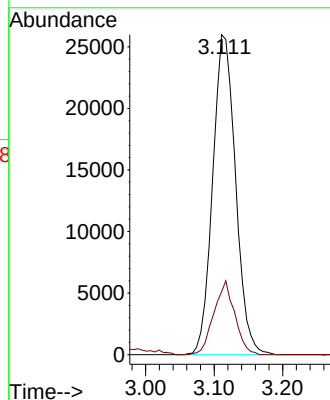
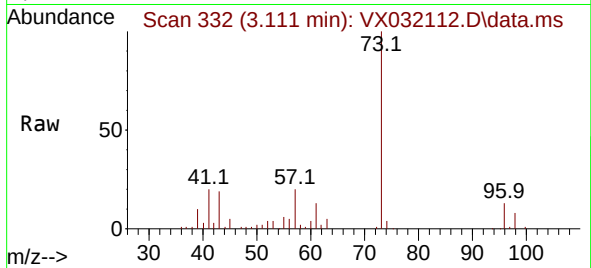
#19
Methyl tert-butyl Ether
Concen: 16.460 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 73 Resp: 6020
Ion Ratio Lower Upper
73 100
57 19.7 17.2 25.8

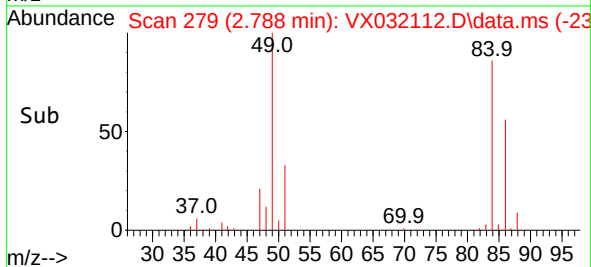
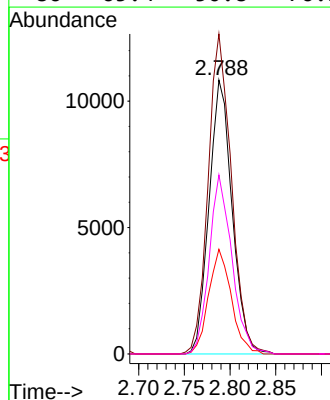
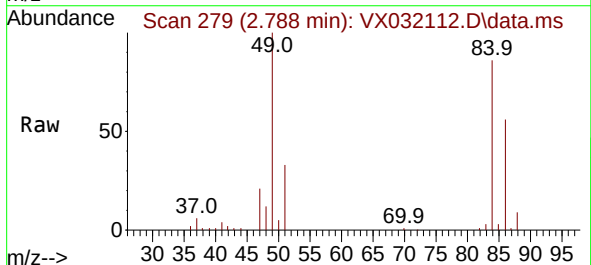
Manual Integrations
APPROVED

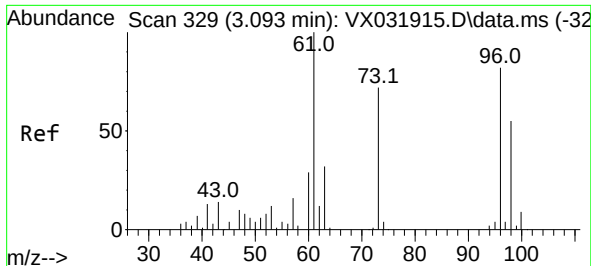
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Methylene Chloride
Concen: 14.428 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

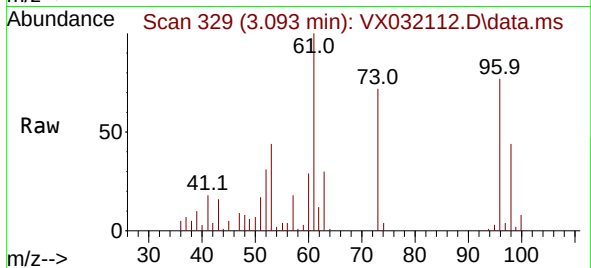
Tgt Ion: 84 Resp: 19042
Ion Ratio Lower Upper
84 100
49 116.9 105.9 158.9
51 38.2 32.2 48.2
86 65.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 14.477 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

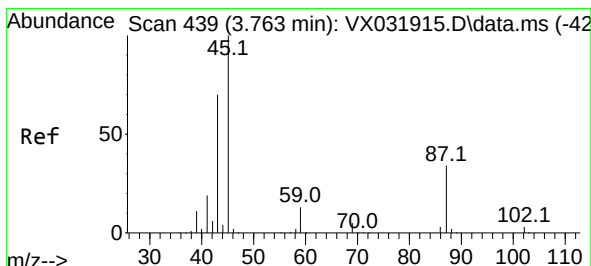
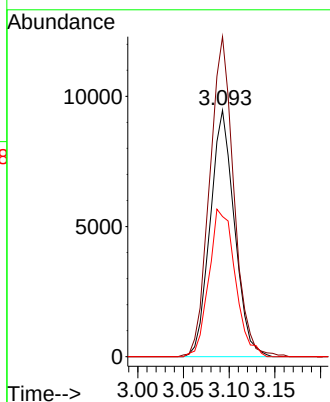
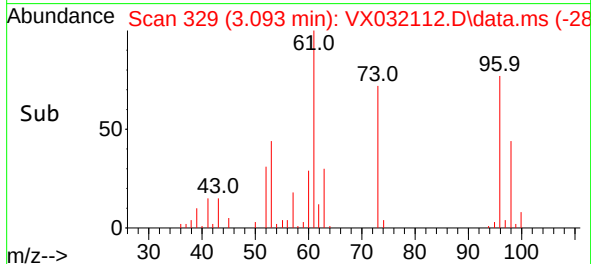
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



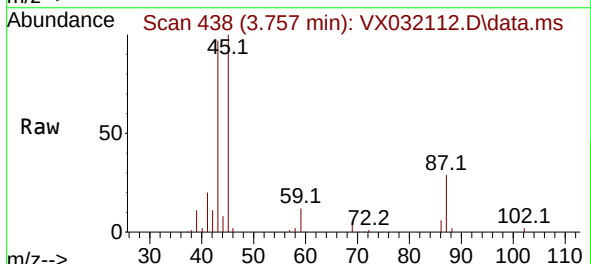
Tgt Ion: 96 Resp: 17474
Ion Ratio Lower Upper
96 100
61 129.9 106.7 160.1
98 56.9 48.7 73.1

Manual Integrations
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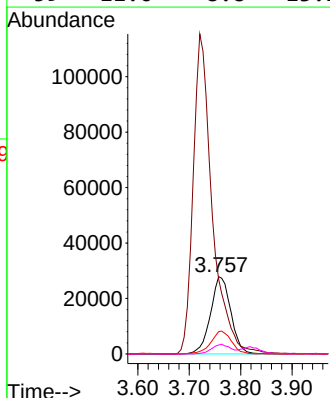
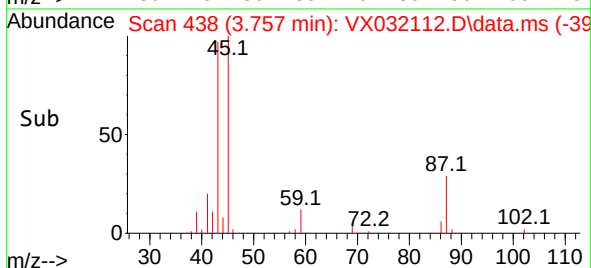
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

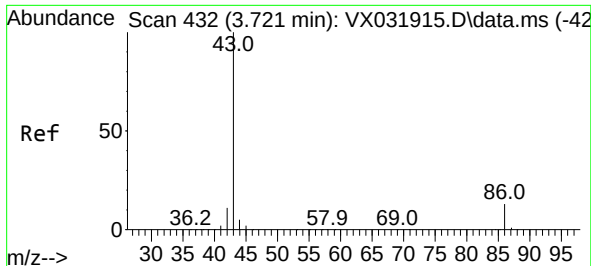


#22
Diisopropyl ether
Concen: 21.913 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 45 Resp: 76397
Ion Ratio Lower Upper
45 100
43 95.8 59.0 88.6#
87 29.0 22.6 33.8
59 11.6 8.8 13.2





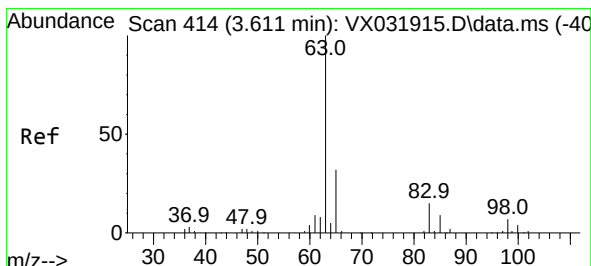
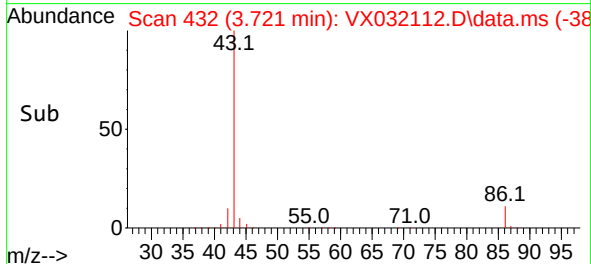
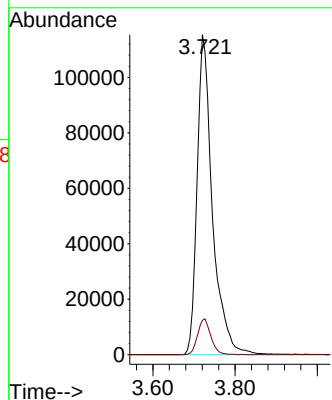
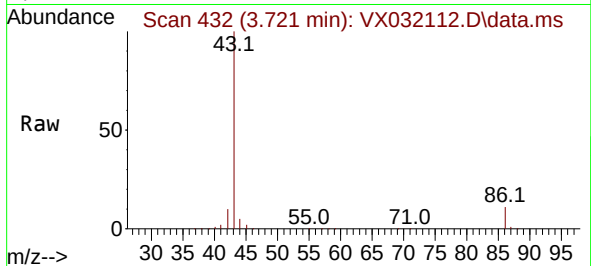
#23
 Vinyl Acetate
 Concen: 114.428 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032112.D
 Acq: 13 Oct 2022 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBS01

Tgt Ion: 43 Resp: 29820
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

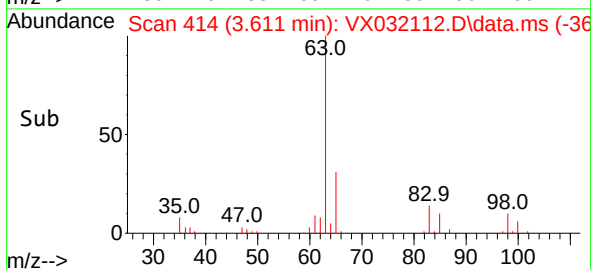
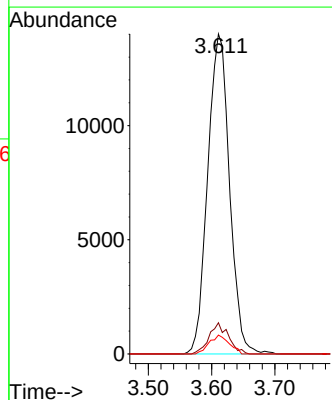
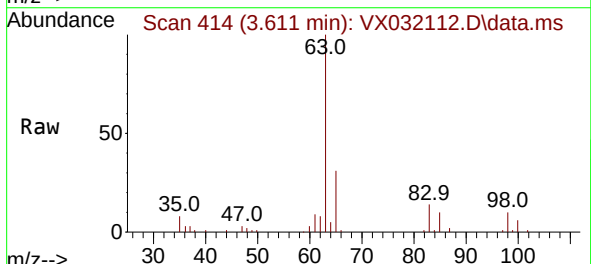
Manual Integrations
 APPROVED

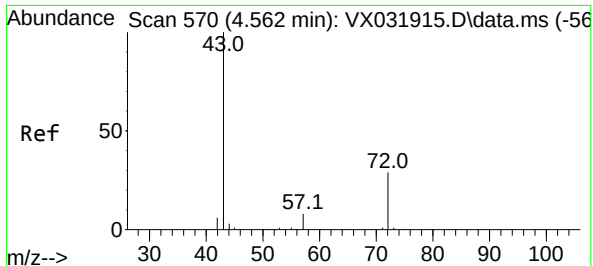
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#24
 1,1-Dichloroethane
 Concen: 16.090 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032112.D
 Acq: 13 Oct 2022 15:43

Tgt Ion: 63 Resp: 33626
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.4
 100 5.9 2.4 7.2





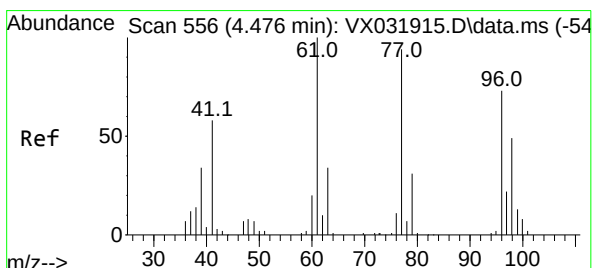
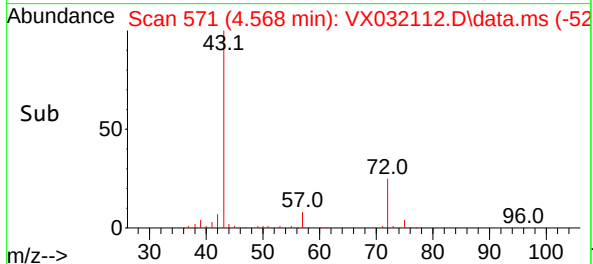
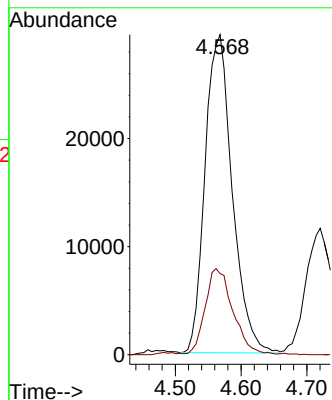
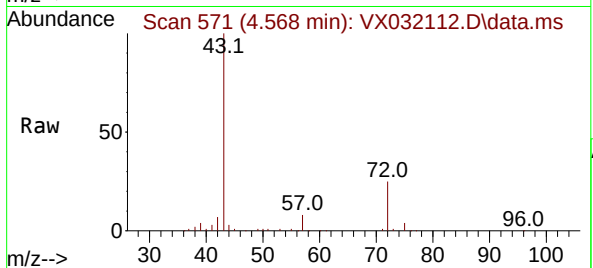
#25
2-Butanone
Concen: 108.170 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 43 Resp: 8492
Ion Ratio Lower Upper
43 100
72 25.2 21.1 31.7

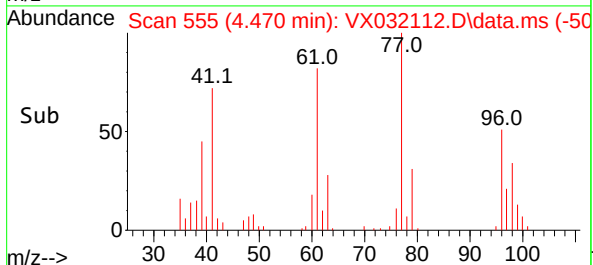
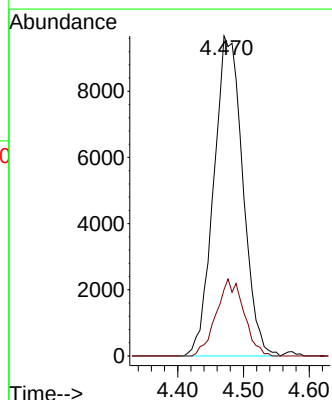
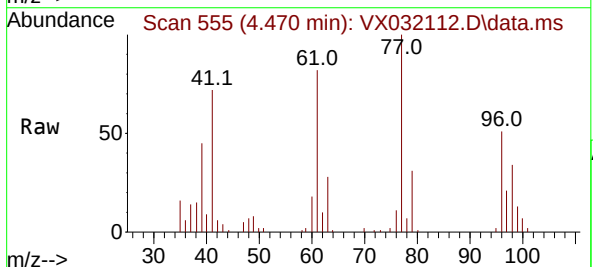
Manual Integrations
APPROVED

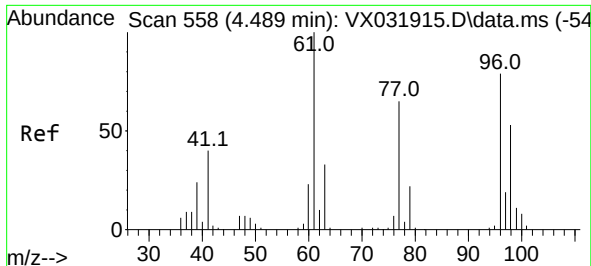
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
2,2-Dichloropropane
Concen: 19.776 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

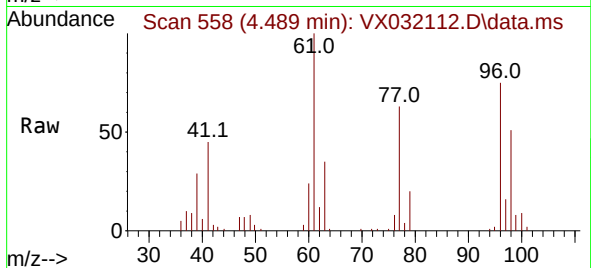
Tgt Ion: 77 Resp: 29686
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 18.725 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

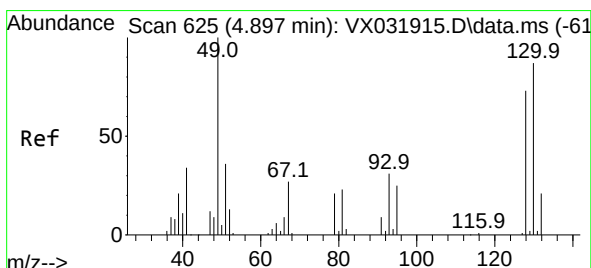
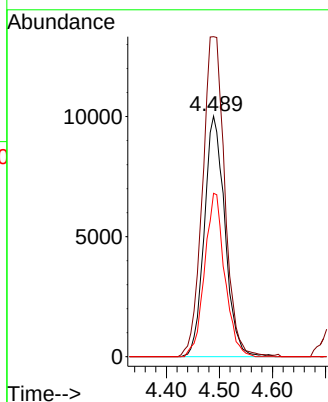
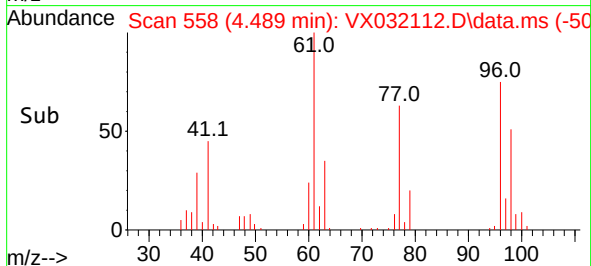
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



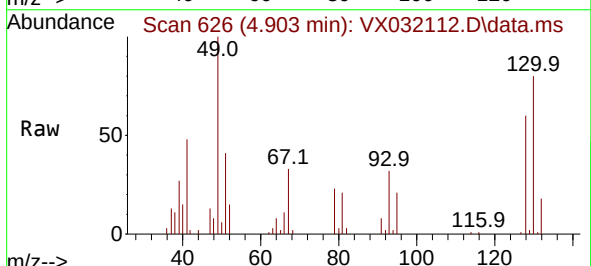
Tgt Ion: 96 Resp: 2704
Ion Ratio Lower Upper
96 100
61 143.5 0.0 305.2
98 66.3 0.0 128.4

Manual Integrations
APPROVED

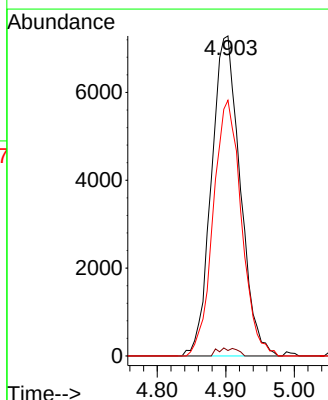
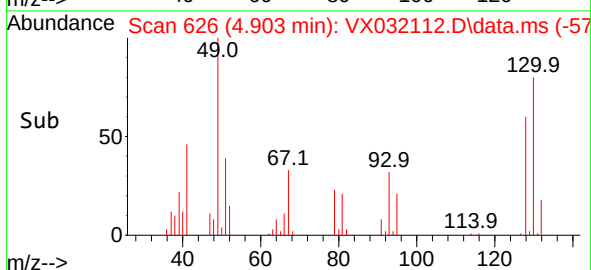
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

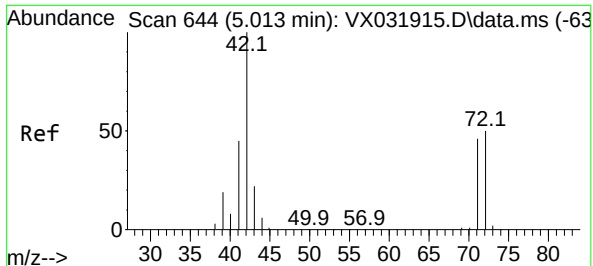


#28
Bromochloromethane
Concen: 23.731 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 49 Resp: 21228
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 78.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 105.792 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

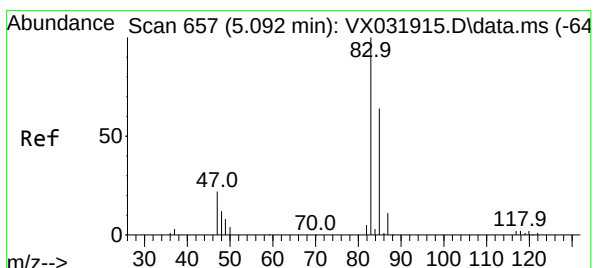
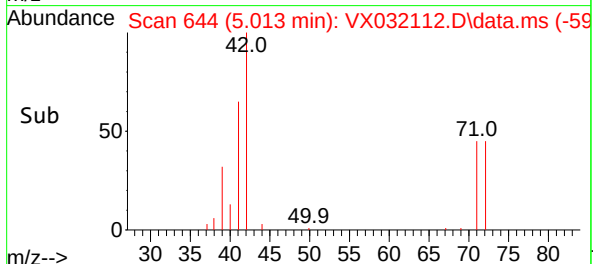
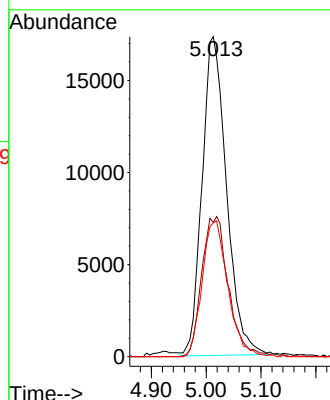
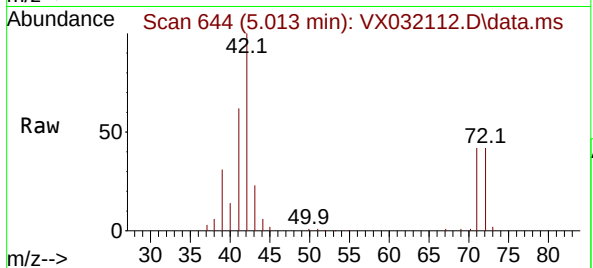
Tgt Ion:	42	Resp:	5359
Ion	Ratio	Lower	Upper
42	100		
72	48.1	36.4	54.6
71	44.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

Chloroform

Concen: 20.903 ug/l

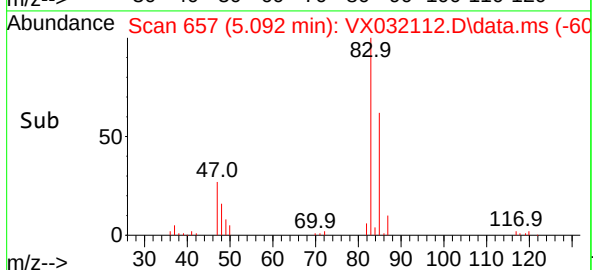
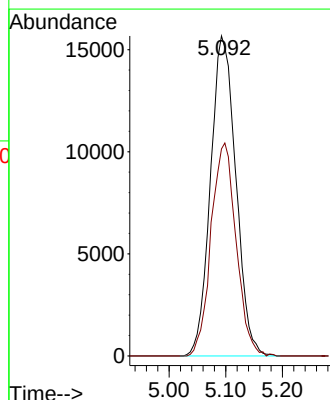
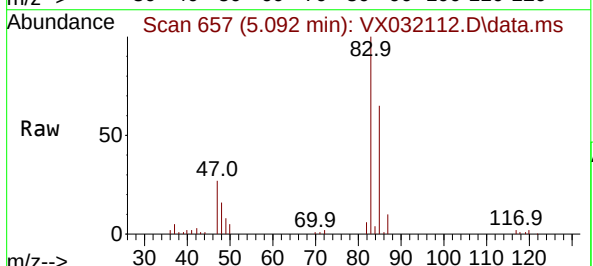
RT: 5.092 min Scan# 657

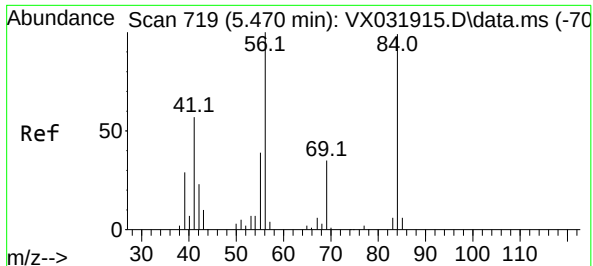
Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

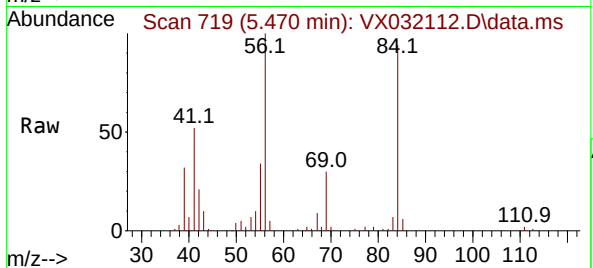
Tgt Ion:	83	Resp:	48660
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.8	79.2





#31
Cyclohexane
Concen: 19.505 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

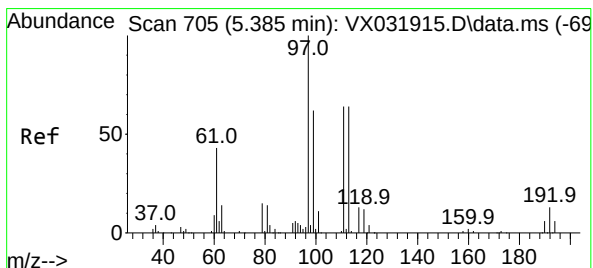
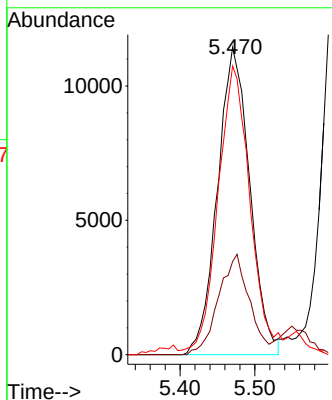
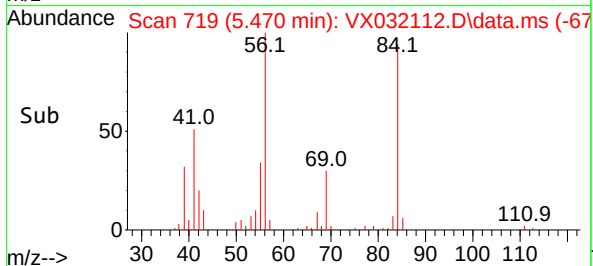
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



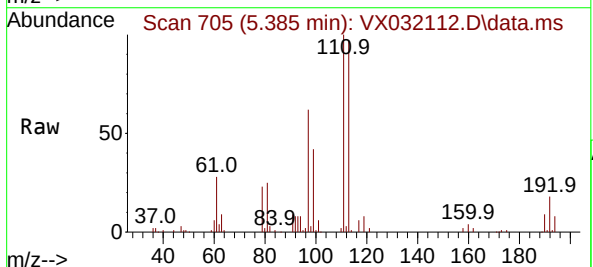
Tgt Ion: 56 Resp: 34434
Ion Ratio Lower Upper
56 100
69 30.3 25.1 37.7
84 92.6 70.2 105.4

Manual Integrations
APPROVED

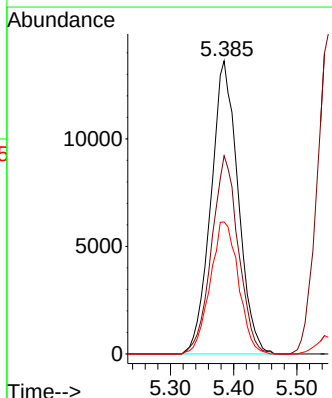
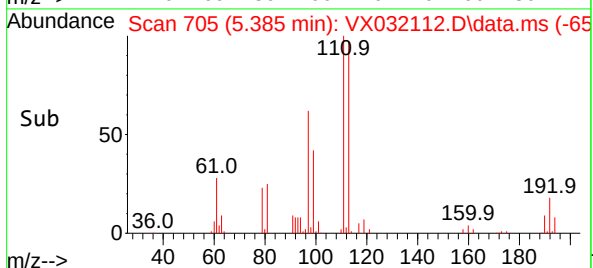
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

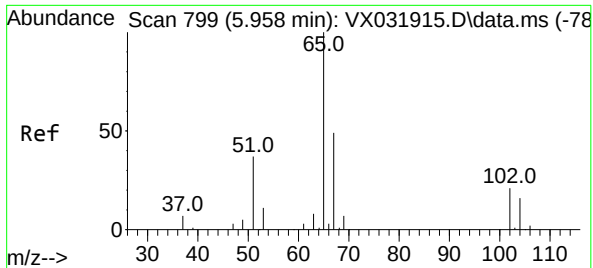


#32
1,1,1-Trichloroethane
Concen: 20.529 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 97 Resp: 40611
Ion Ratio Lower Upper
97 100
99 66.7 51.3 76.9
61 46.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 57.750 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 65 Resp: 85340

Ion Ratio Lower Upper

65 100

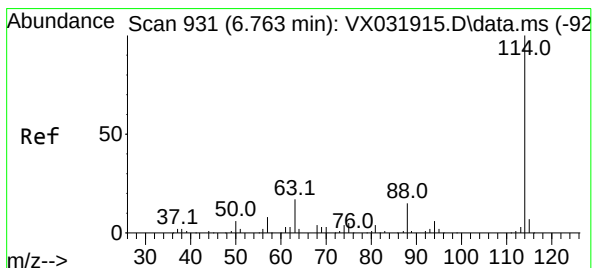
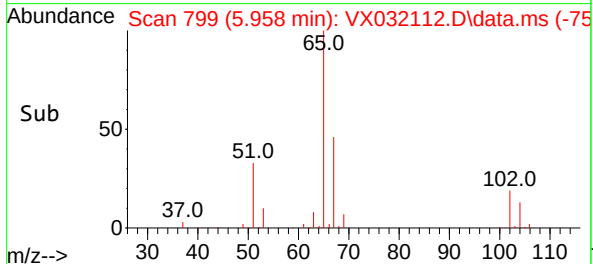
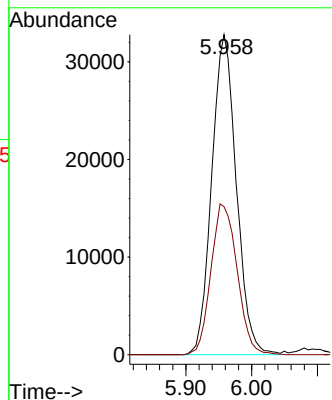
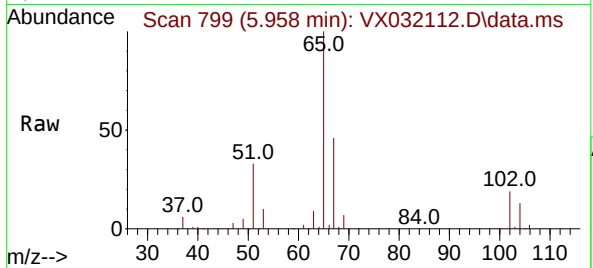
67 50.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

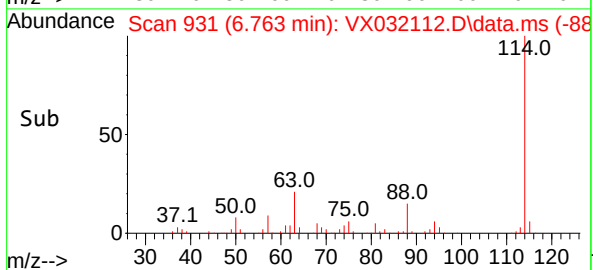
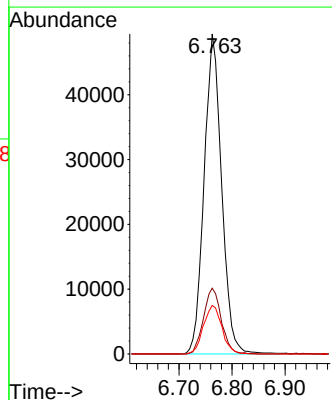
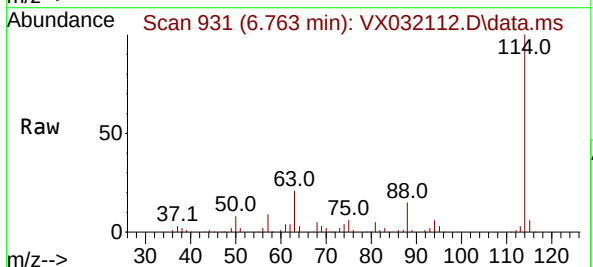
Tgt Ion:114 Resp: 113101

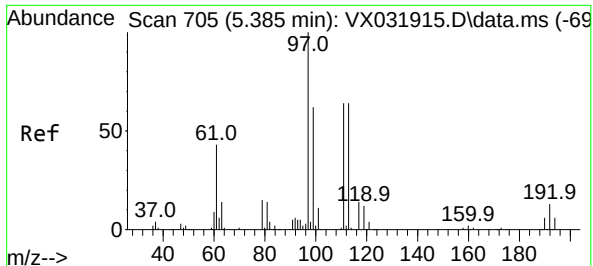
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.267 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

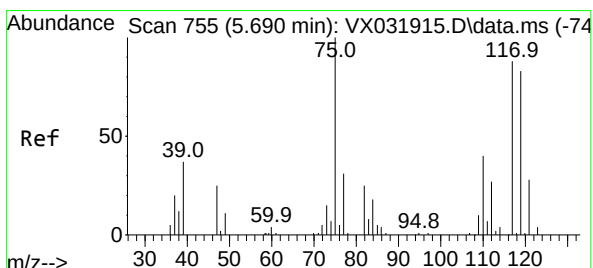
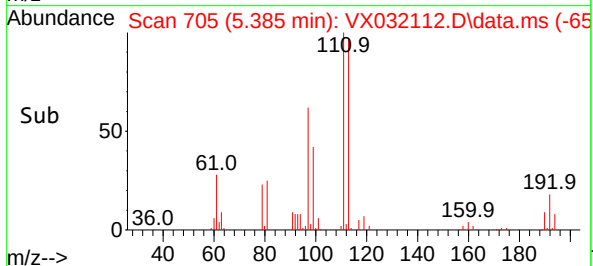
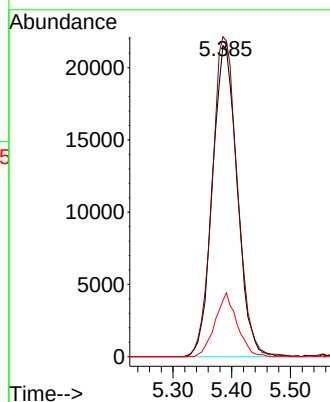
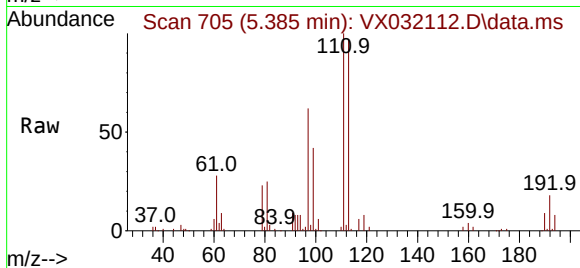
Tgt Ion:	113	Resp:	63074
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.4	123.6
192	18.2	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#36

1,1-Dichloropropene

Concen: 18.886 ug/l

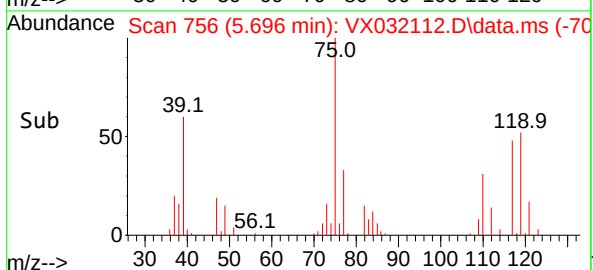
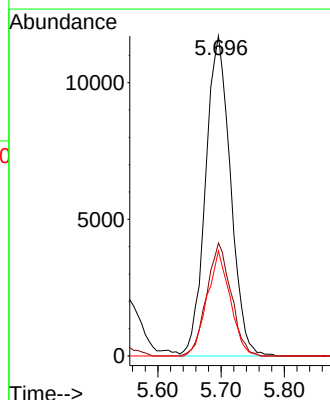
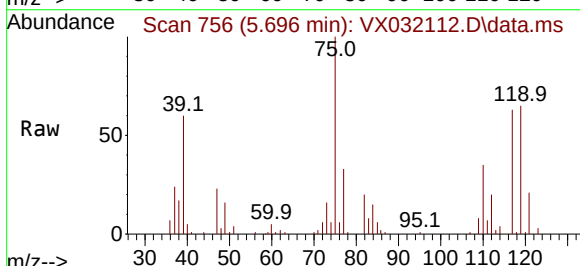
RT: 5.696 min Scan# 756

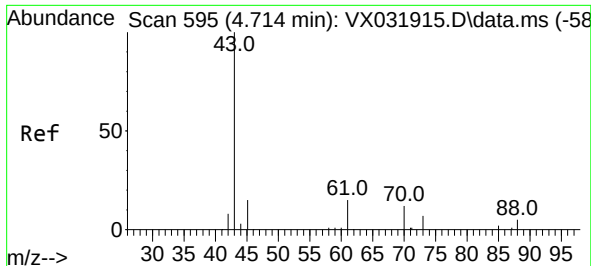
Delta R.T. 0.006 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion:	75	Resp:	32062
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.5	52.5
77	30.5	24.9	37.3





#37

Ethyl Acetate

Concen: 21.523 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 43 Resp: 3439

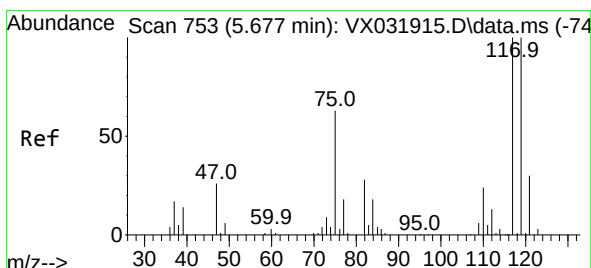
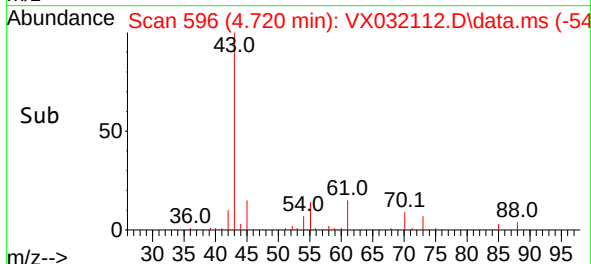
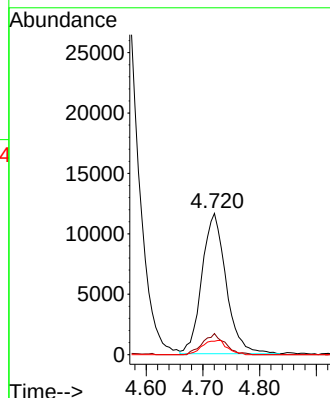
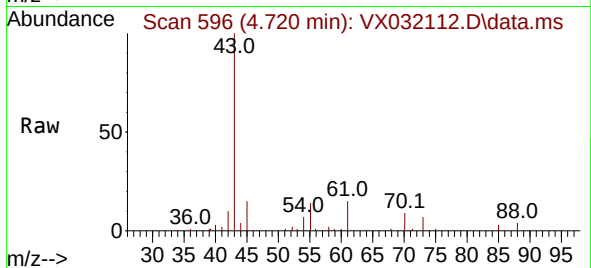
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Carbon Tetrachloride

Concen: 19.452 ug/l

RT: 5.678 min Scan# 753

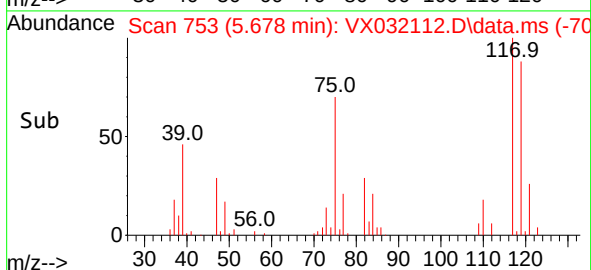
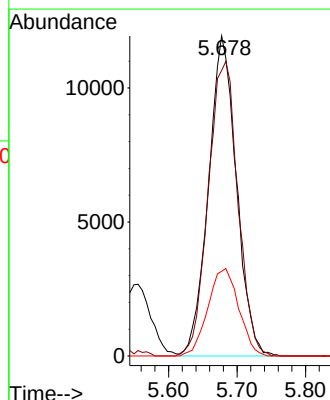
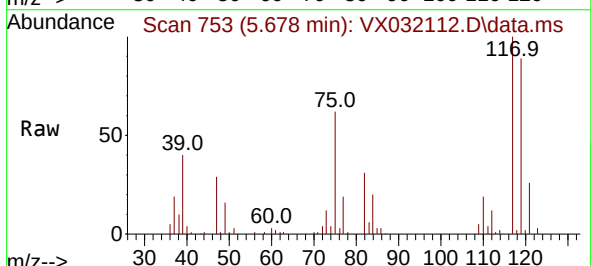
Delta R.T. 0.001 min

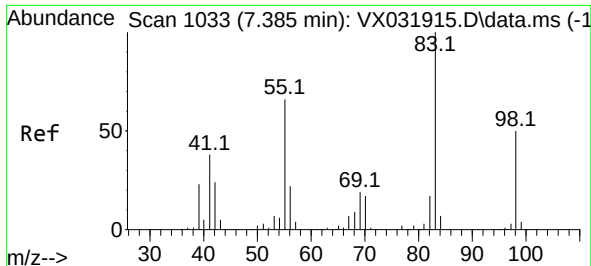
Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion:117 Resp: 33765

Ion	Ratio	Lower	Upper
117	100		
119	89.2	74.6	112.0
121	26.5	25.3	37.9





#39

Methylcyclohexane

Concen: 18.312 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

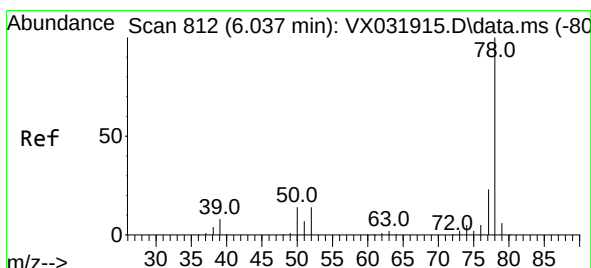
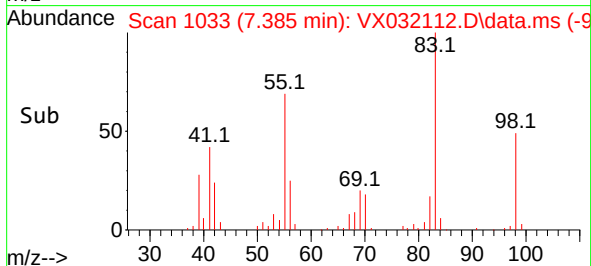
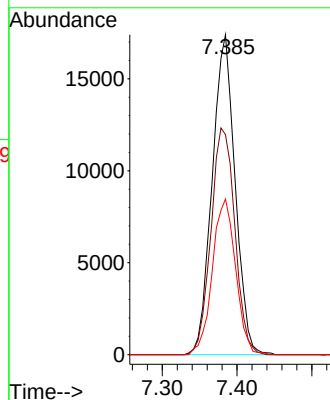
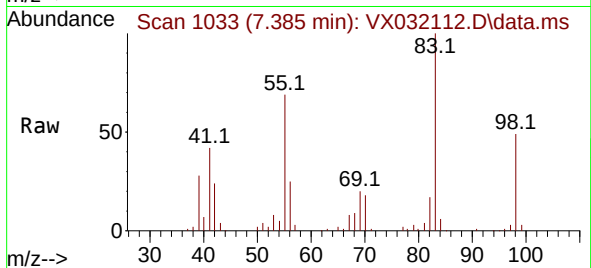
Tgt Ion: 83 Resp: 3708
 Ion Ratio Lower Upper
 83 100
 55 68.7 61.0 91.4
 98 48.6 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Benzene

Concen: 19.108 ug/l

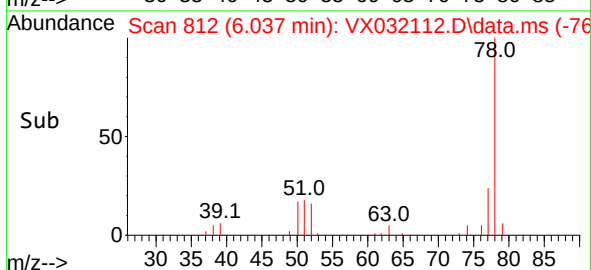
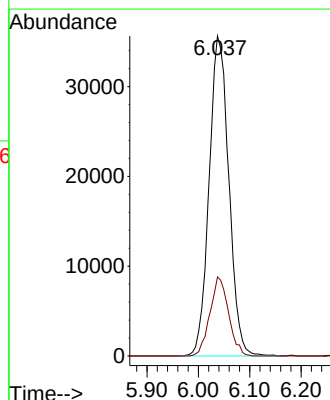
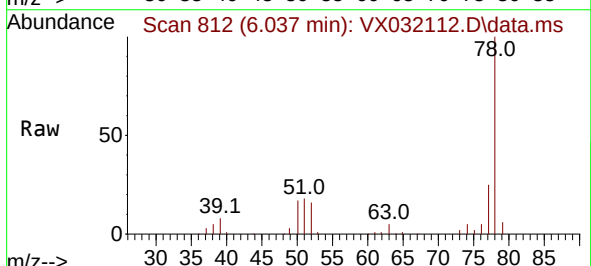
RT: 6.037 min Scan# 812

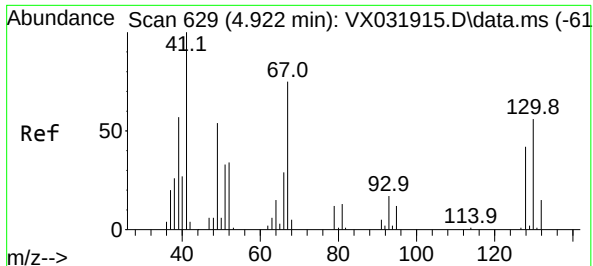
Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion: 78 Resp: 94989
 Ion Ratio Lower Upper
 78 100
 77 24.7 18.7 28.1





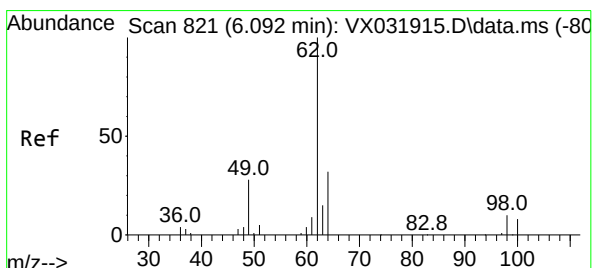
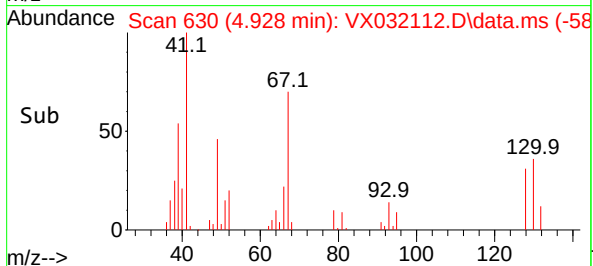
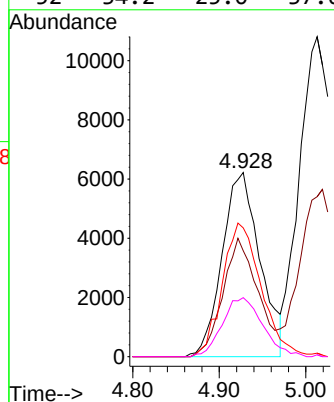
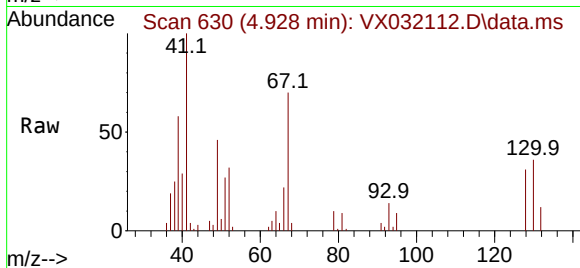
#41
Methacrylonitrile
Concen: 22.697 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 41 Resp: 1886
Ion Ratio Lower Upper
41 100
39 58.9 45.0 67.6
67 74.5 58.2 87.4
52 34.2 25.0 37.6

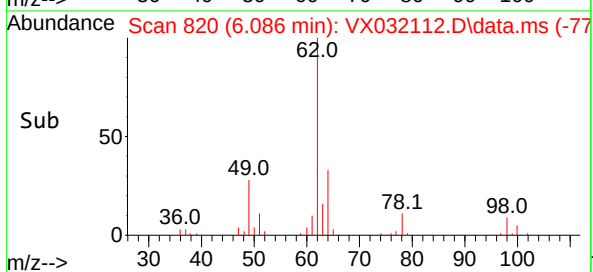
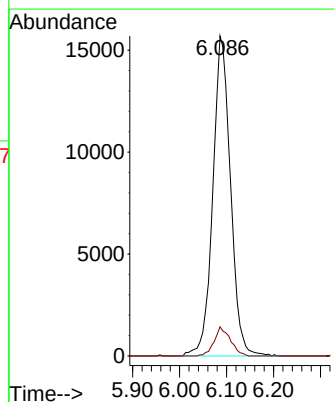
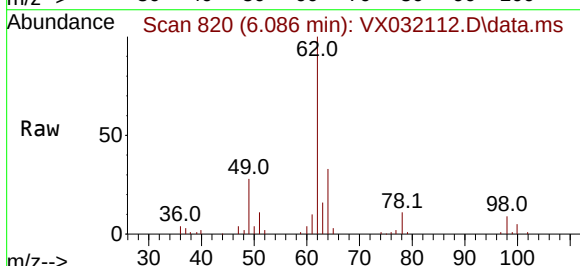
Manual Integrations
APPROVED

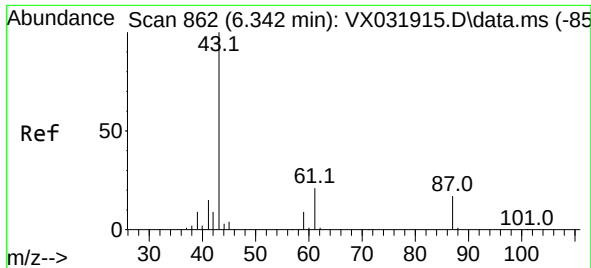
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
1,2-Dichloroethane
Concen: 22.655 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

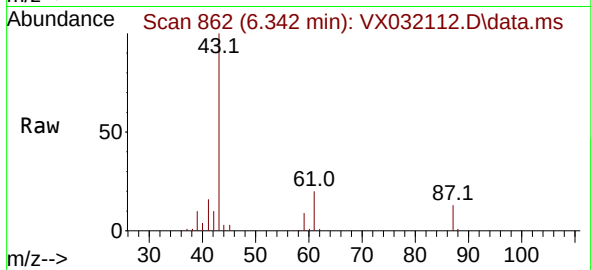
Tgt Ion: 62 Resp: 41040
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 22.891 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

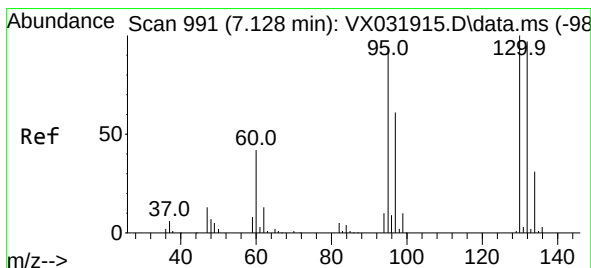
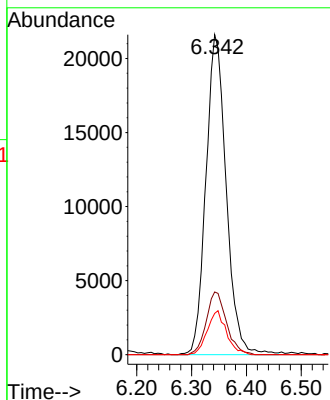
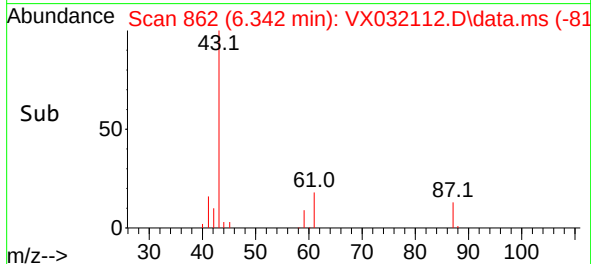
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion: 43 Resp: 55510
Ion Ratio Lower Upper
43 100
61 19.5 15.3 22.9
87 12.9 10.6 15.8

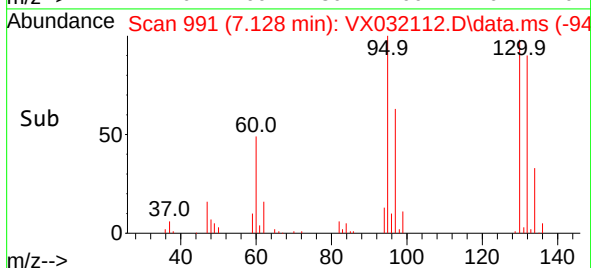
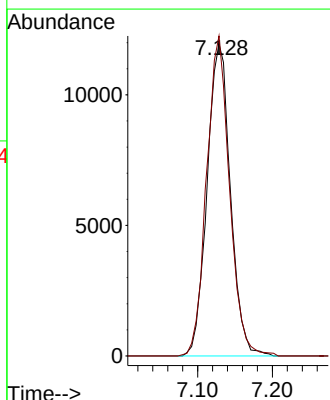
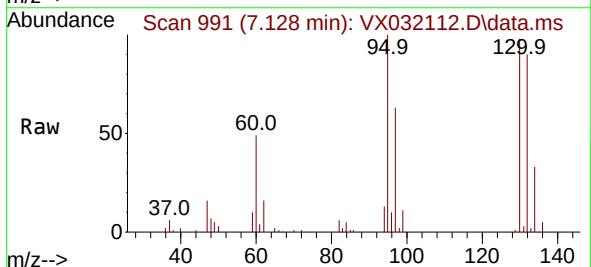
Manual Integrations
APPROVED

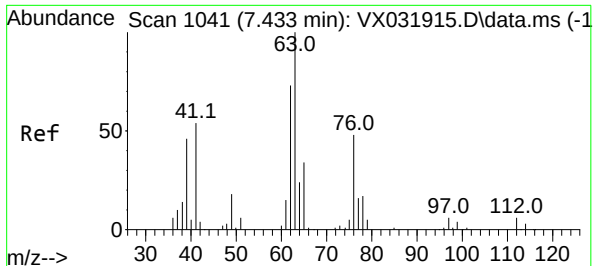
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Trichloroethene
Concen: 17.792 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:130 Resp: 25934
Ion Ratio Lower Upper
130 100
95 102.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 20.138 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 63 Resp: 2460

Ion Ratio Lower Upper

63 100

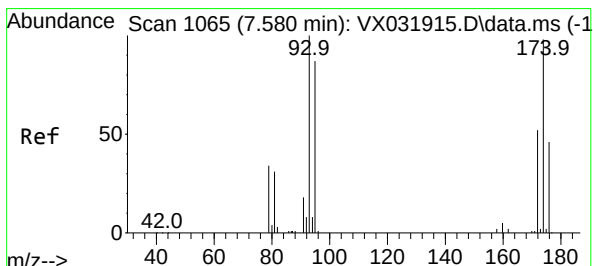
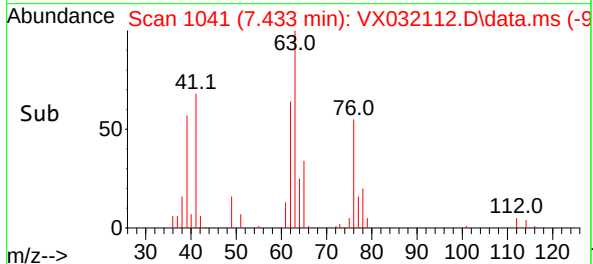
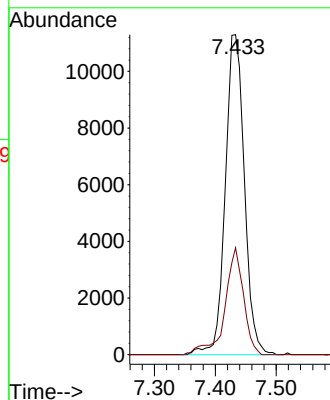
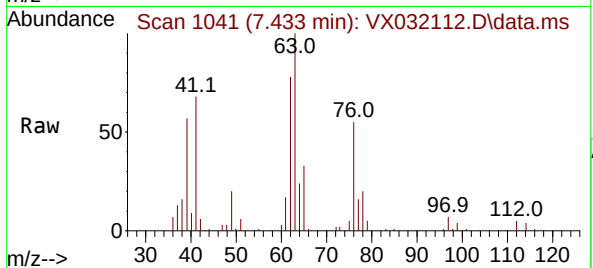
65 33.4 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Dibromomethane

Concen: 19.641 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

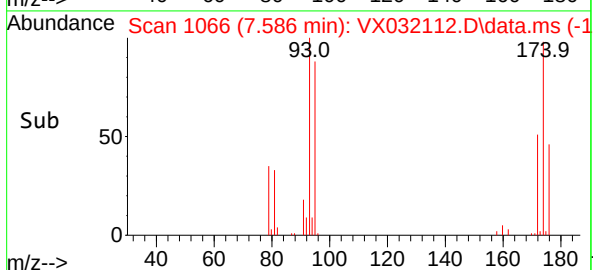
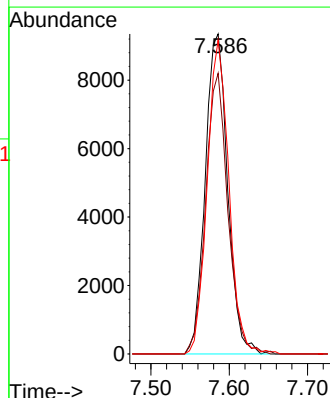
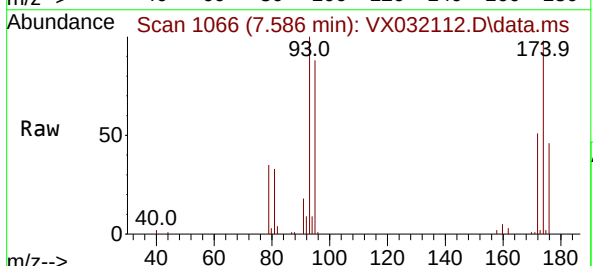
Tgt Ion: 93 Resp: 18596

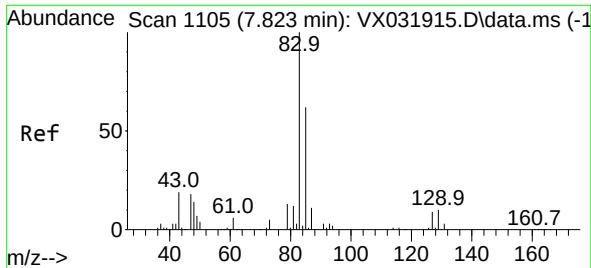
Ion Ratio Lower Upper

93 100

95 86.8 65.5 98.3

174 94.7 67.6 101.4





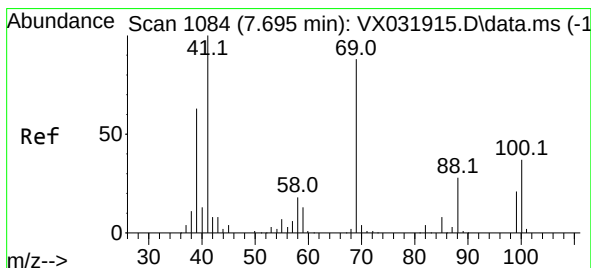
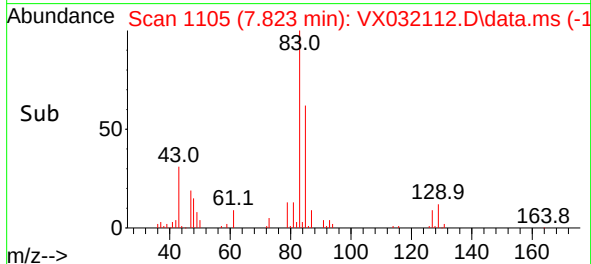
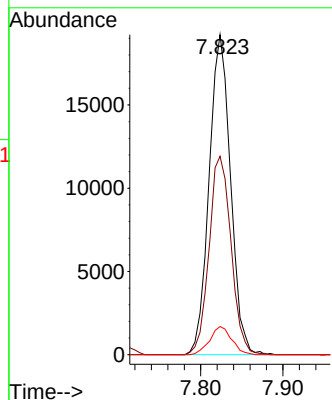
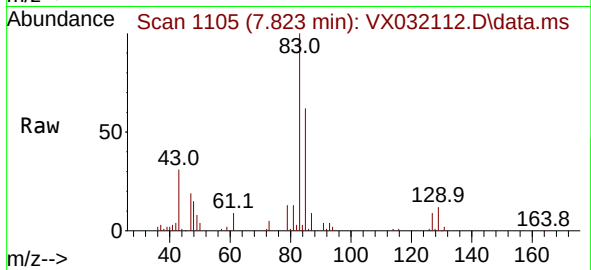
#47
Bromodichloromethane
Concen: 21.258 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 83 Resp: 34769
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.6
127 8.8 7.0 10.6

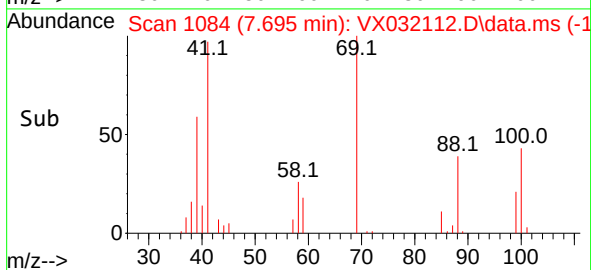
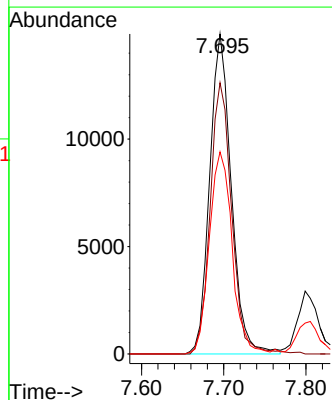
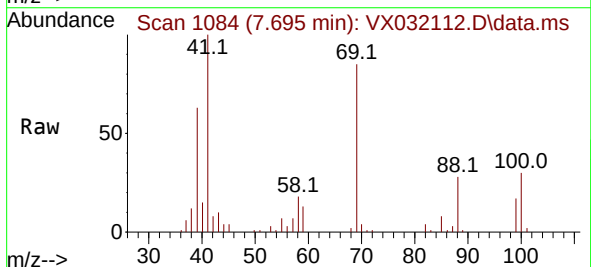
Manual Integrations
APPROVED

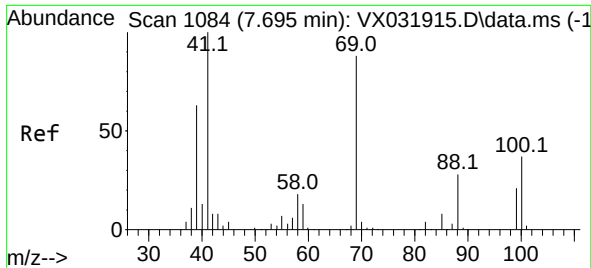
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
Methyl methacrylate
Concen: 23.479 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 41 Resp: 27206
Ion Ratio Lower Upper
41 100
69 84.6 64.6 96.8
39 66.6 51.4 77.0





#49

1,4-Dioxane

Concen: 382.982 ug/l

RT: 7.695 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 88 Resp: 1115

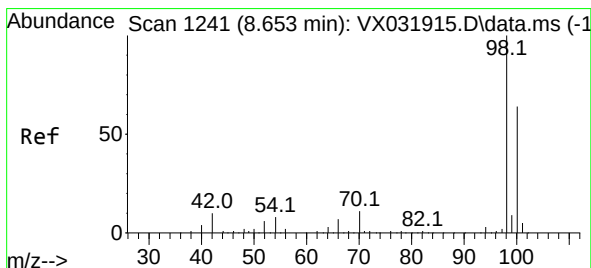
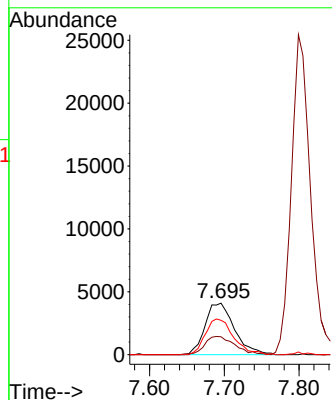
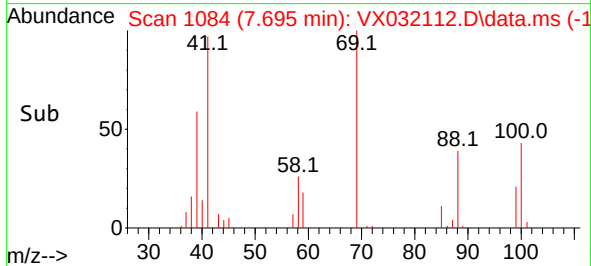
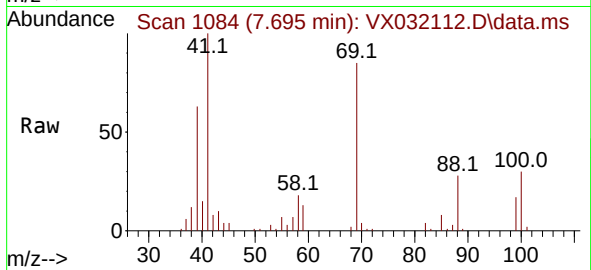
Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.1	40.7
58	66.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#50

Toluene-d8

Concen: 48.687 ug/l

RT: 8.646 min Scan# 1240

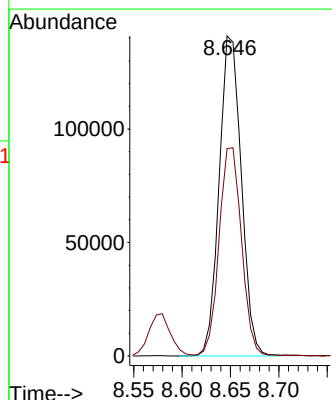
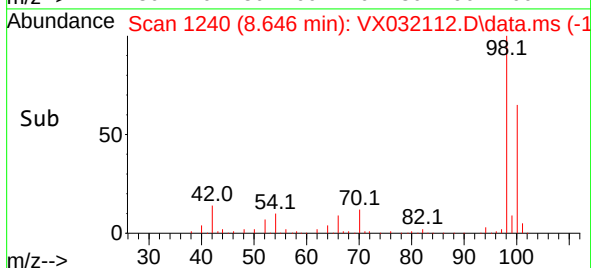
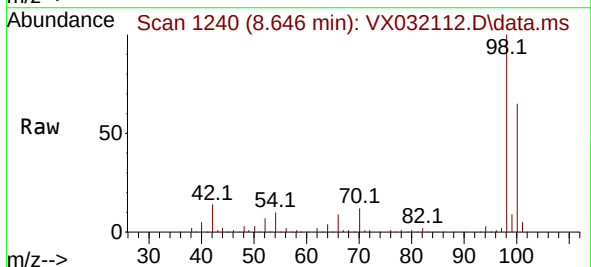
Delta R.T. -0.007 min

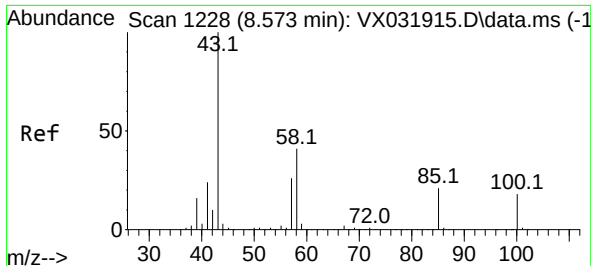
Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion: 98 Resp: 224287

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7





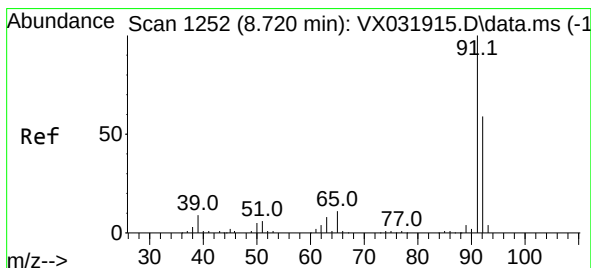
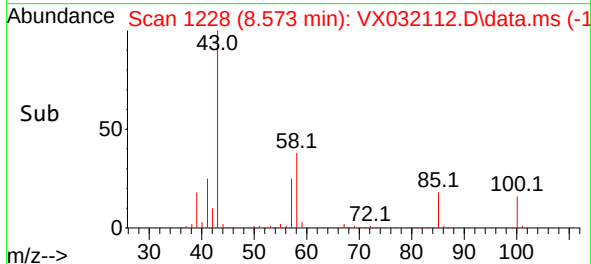
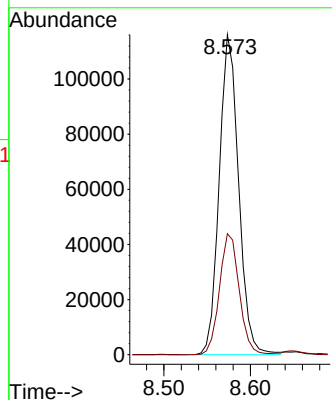
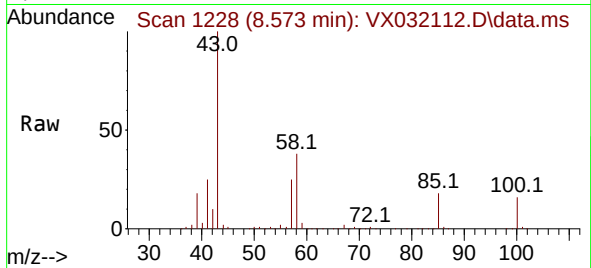
#51
4-Methyl-2-Pentanone
Concen: 112.432 ug/l
RT: 8.573 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 43 Resp: 18067
Ion Ratio Lower Upper
43 100
58 38.5 30.6 46.0

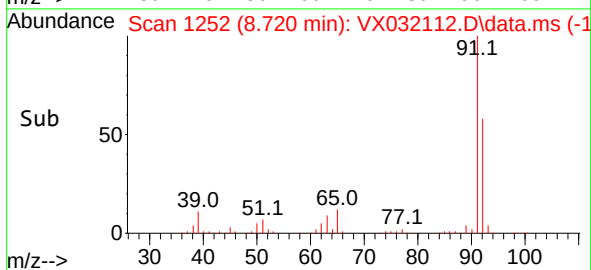
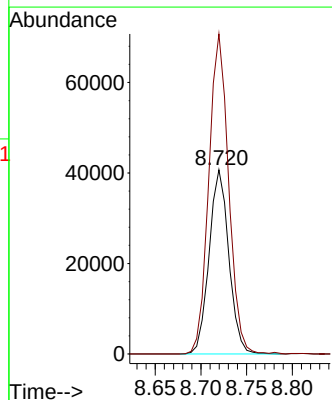
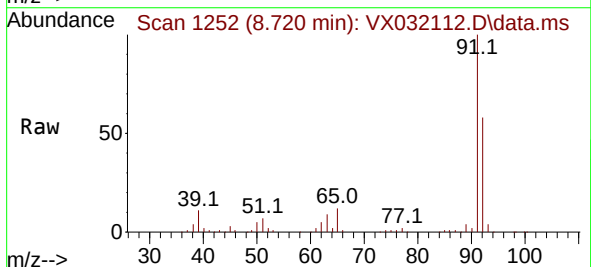
Manual Integrations
APPROVED

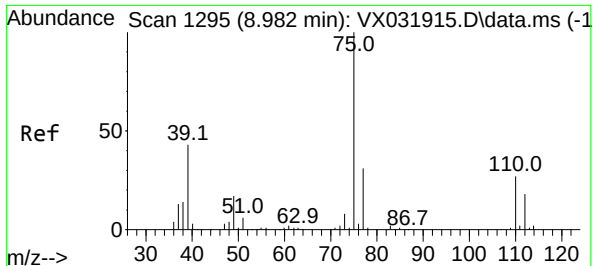
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
Toluene
Concen: 18.765 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion: 92 Resp: 60992
Ion Ratio Lower Upper
92 100
91 174.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.195 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 75 Resp: 3245

Ion Ratio Lower Upper

75 100

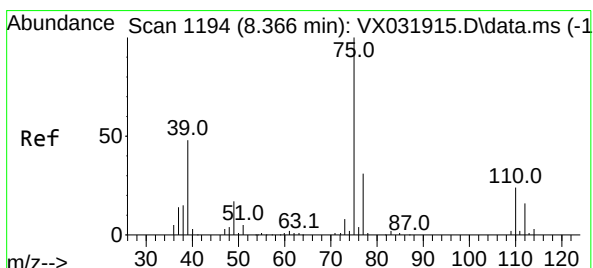
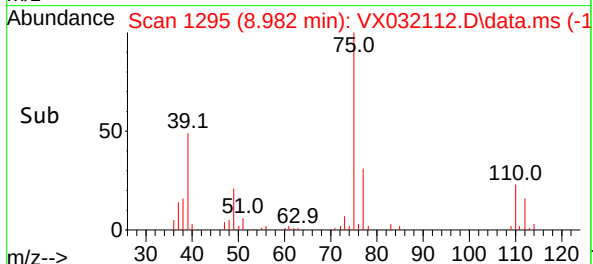
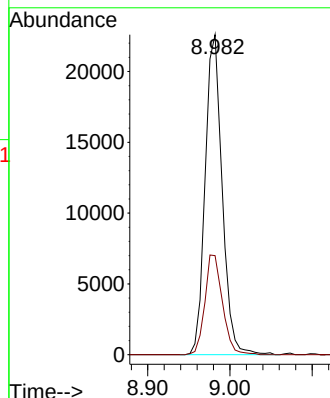
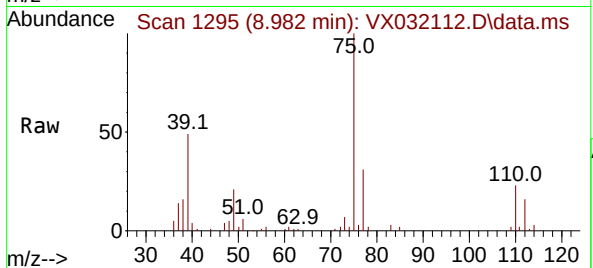
77 30.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#54

cis-1,3-Dichloropropene

Concen: 20.394 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

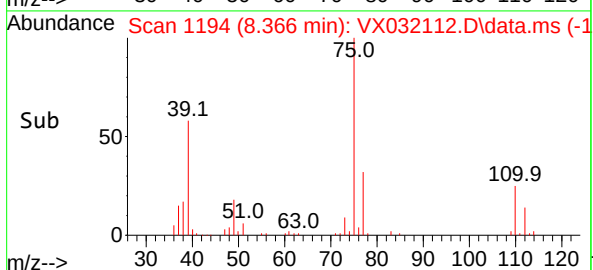
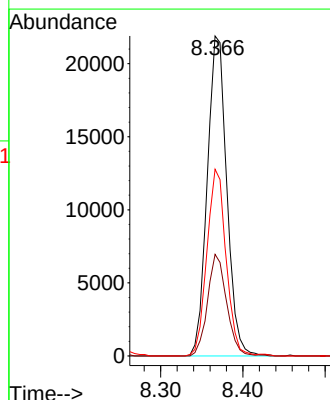
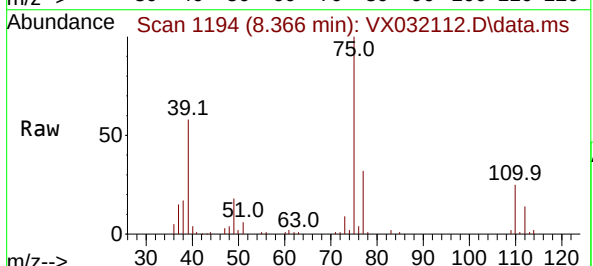
Tgt Ion: 75 Resp: 36124

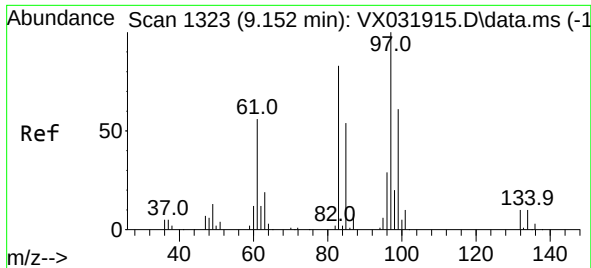
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

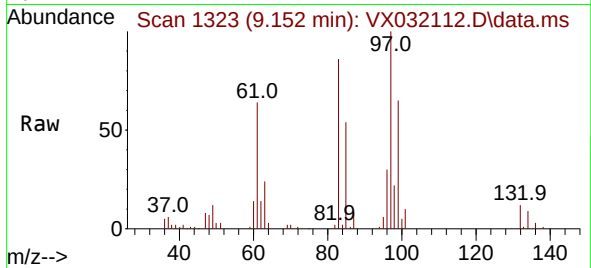
39 58.3 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 19.821 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

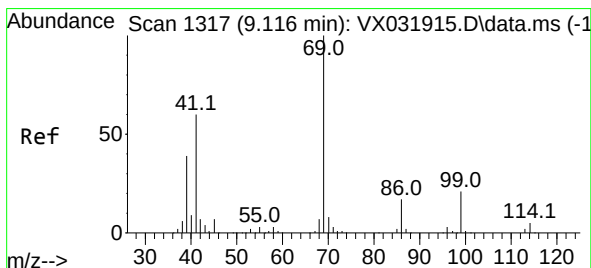
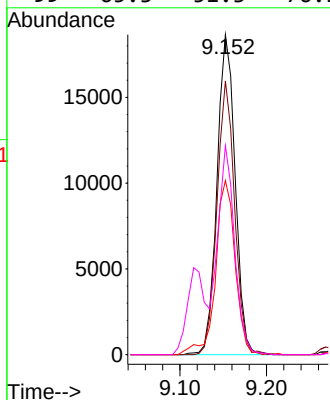
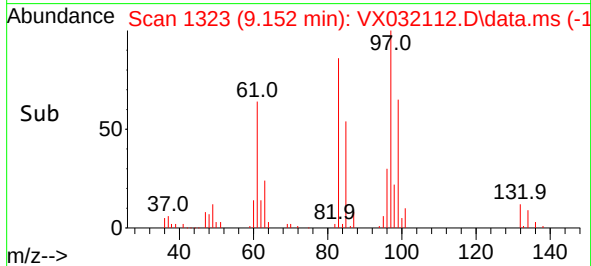
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



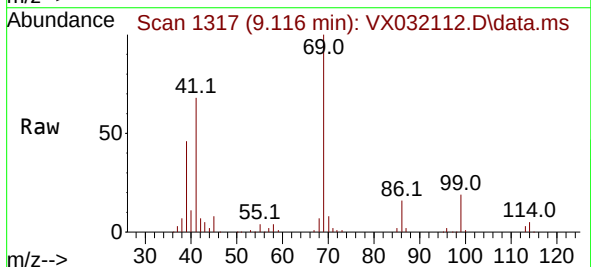
Tgt Ion: 97 Resp: 2719
Ion Ratio Lower Upper
97 100
83 85.5 69.0 103.6
85 54.4 44.1 66.1
99 65.3 51.3 76.9

Manual Integrations
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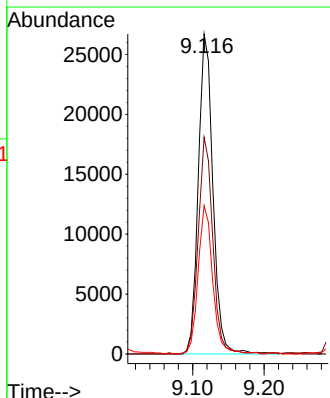
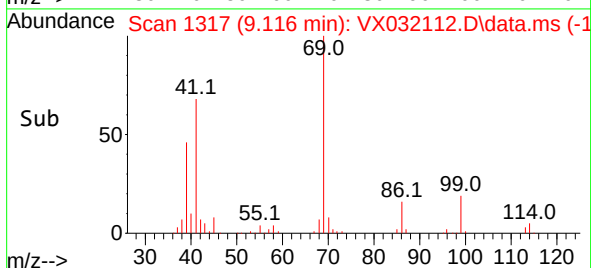
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

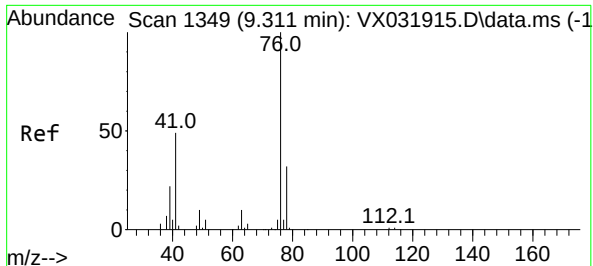


#56
Ethyl methacrylate
Concen: 21.591 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 69 Resp: 37966
Ion Ratio Lower Upper
69 100
41 67.3 54.2 81.4
39 46.4 34.2 51.2





#57

1,3-Dichloropropane

Concen: 20.549 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion: 76 Resp: 4529

Ion Ratio Lower Upper

76 100

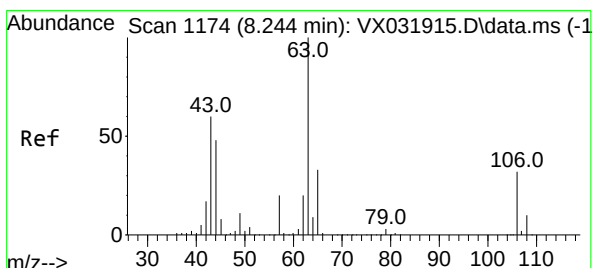
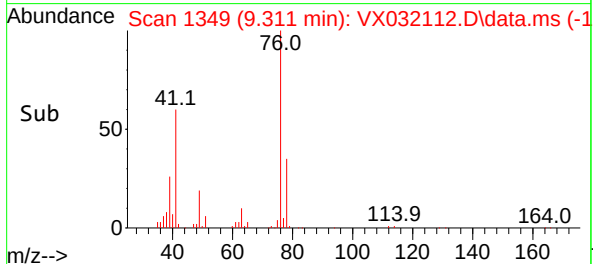
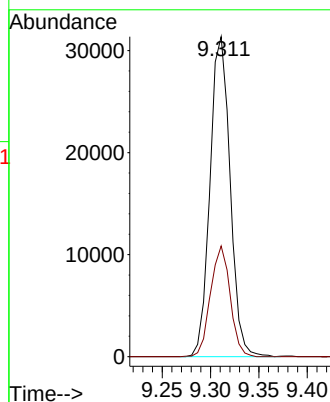
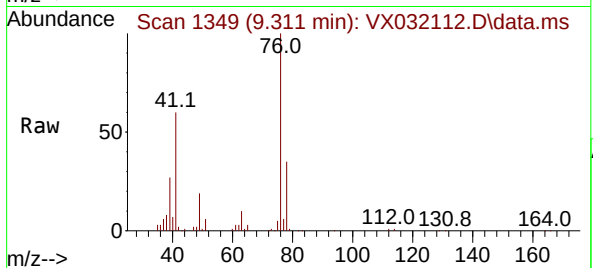
78 33.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.930 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032112.D

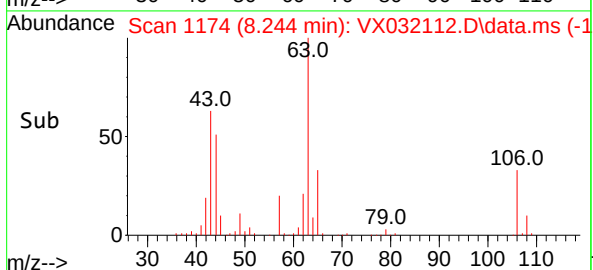
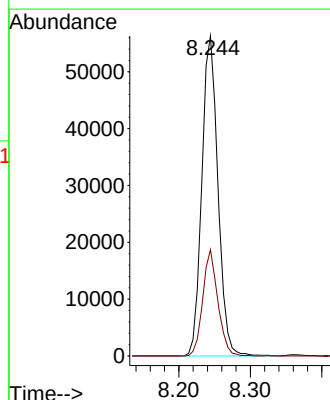
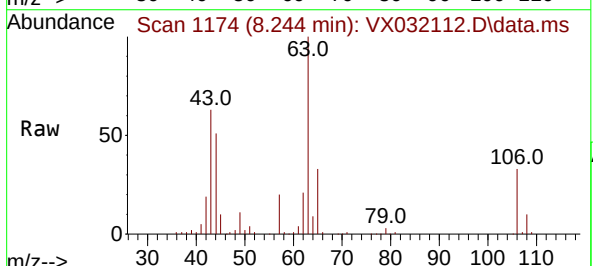
Acq: 13 Oct 2022 15:43

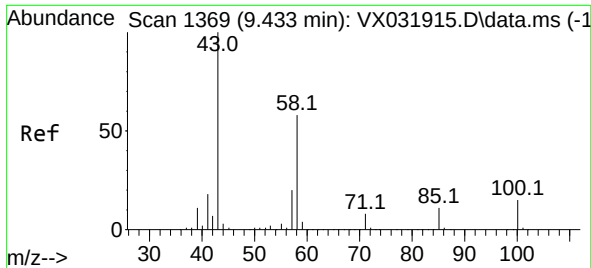
Tgt Ion: 63 Resp: 87985

Ion Ratio Lower Upper

63 100

106 31.1 22.6 34.0





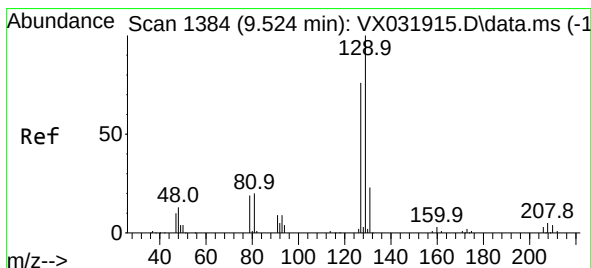
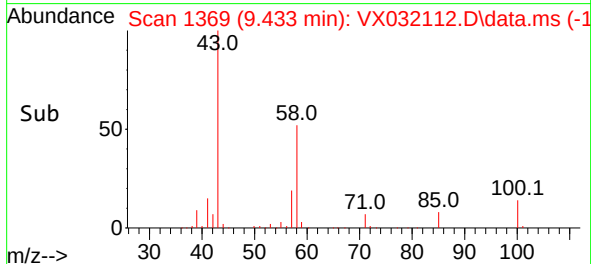
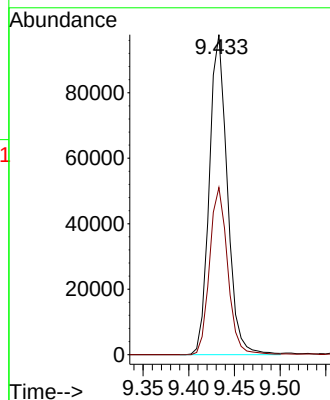
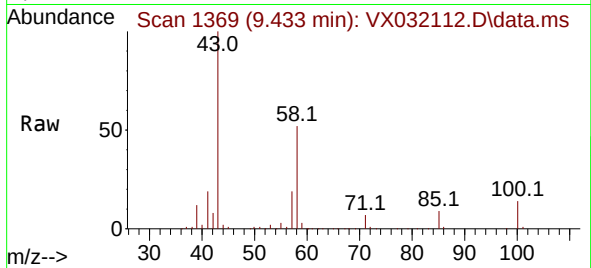
#59
2-Hexanone
Concen: 113.021 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 43 Resp: 133917
Ion Ratio Lower Upper
43 100
58 52.3 26.7 80.0

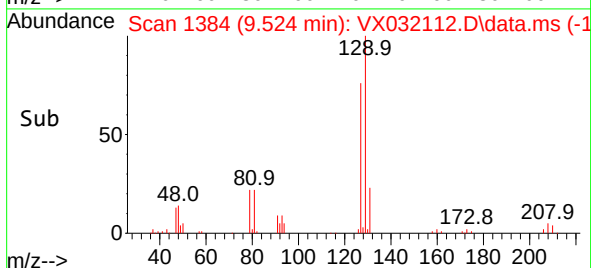
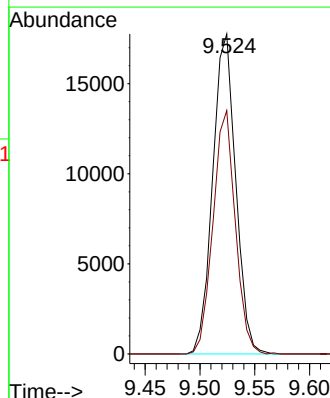
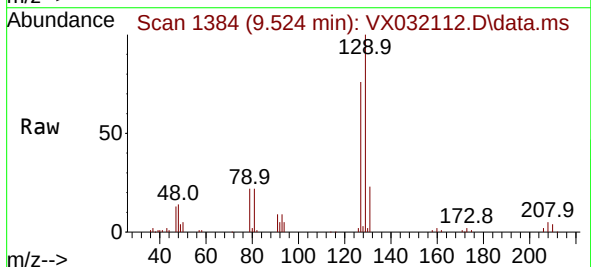
Manual Integrations
APPROVED

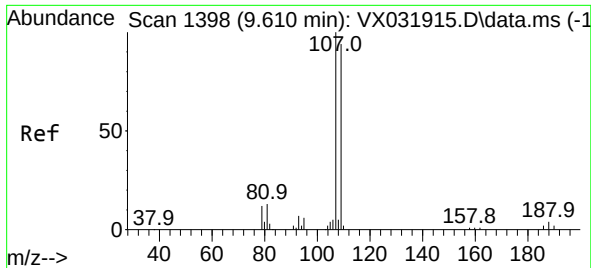
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#60
Dibromochloromethane
Concen: 20.673 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

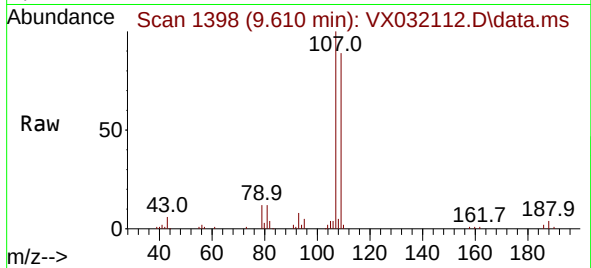
Tgt Ion:129 Resp: 25954
Ion Ratio Lower Upper
129 100
127 73.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 19.829 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

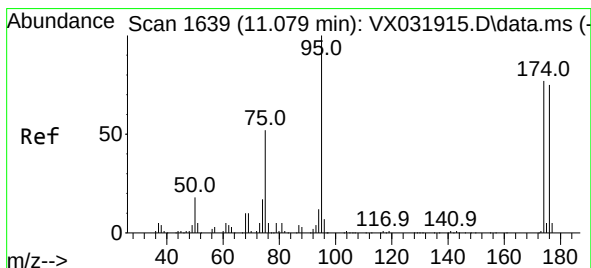
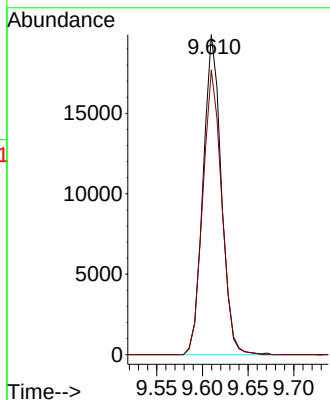
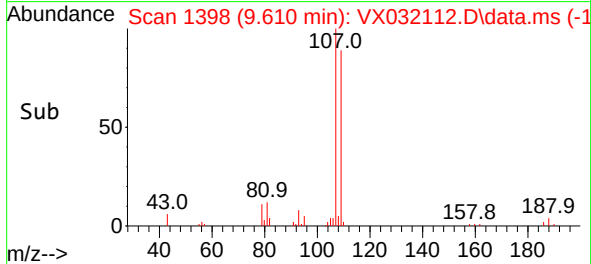
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



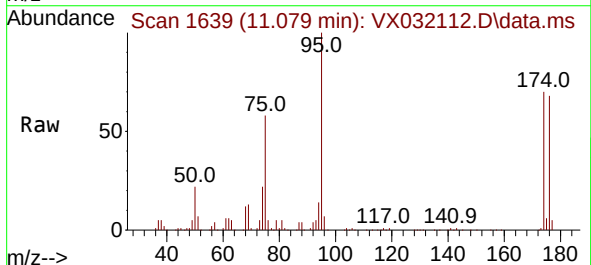
Tgt Ion:107 Resp: 2735
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.4

Manual Integrations
APPROVED

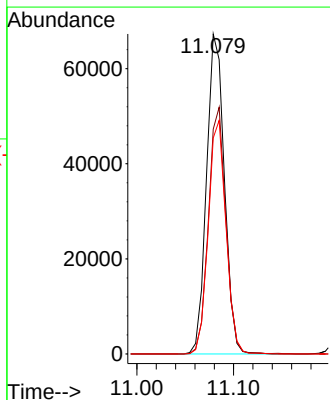
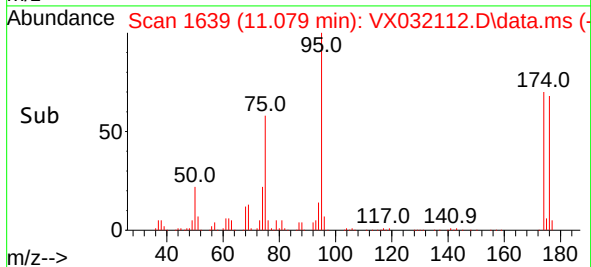
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

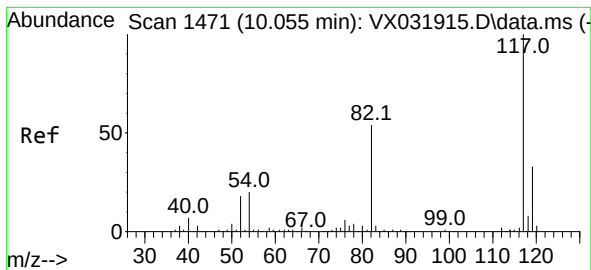


#62
4-Bromofluorobenzene
Concen: 53.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



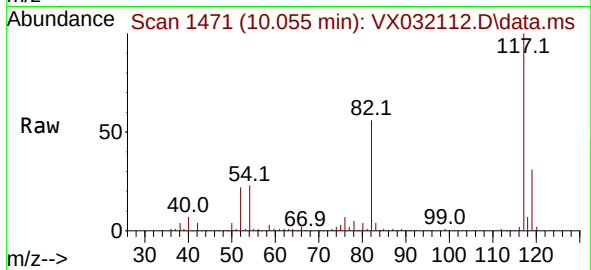
Tgt Ion: 95 Resp: 86330
Ion Ratio Lower Upper
95 100
174 75.5 0.0 153.2
176 72.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

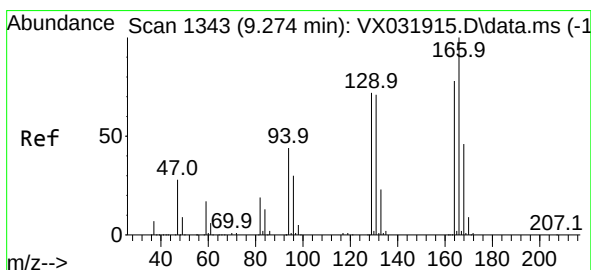
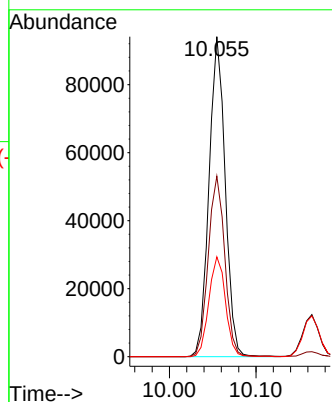
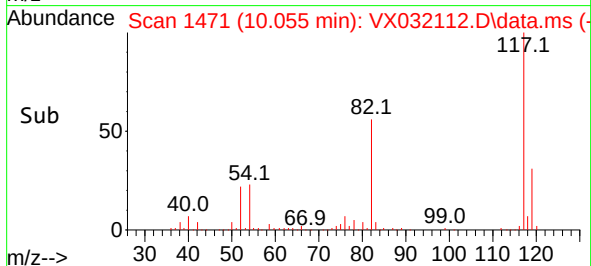
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion:117 Resp: 12205
Ion Ratio Lower Upper
117 100
82 56.4 46.8 70.2
119 31.2 26.4 39.6

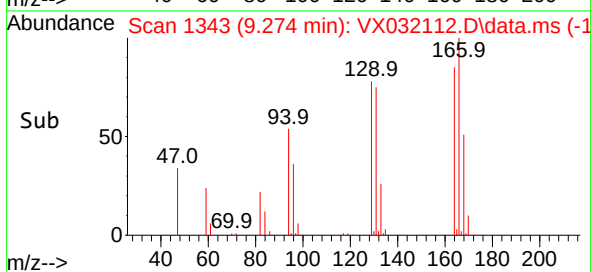
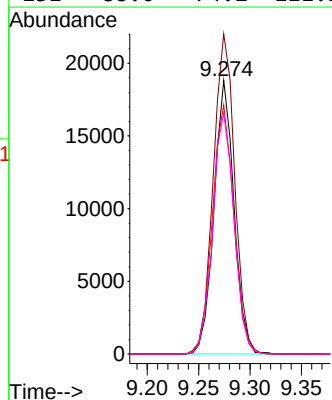
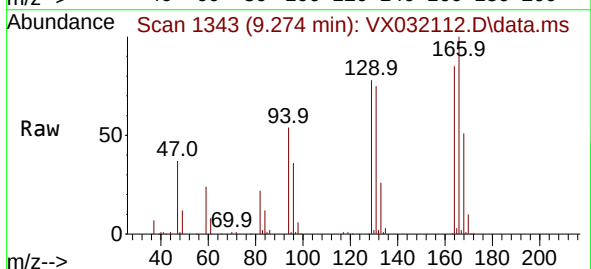
Manual Integrations
APPROVED

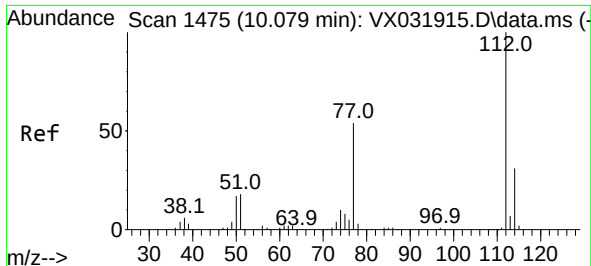
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Tetrachloroethene
Concen: 18.444 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:164 Resp: 25415
Ion Ratio Lower Upper
164 100
166 117.0 99.0 148.4
129 91.1 78.0 117.0
131 88.0 74.2 111.2





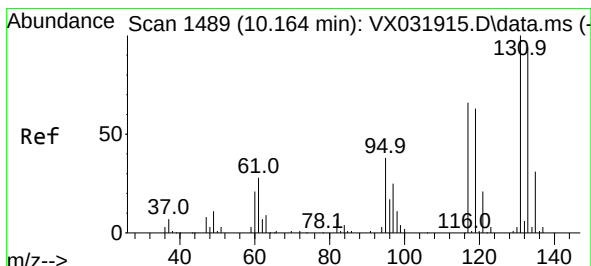
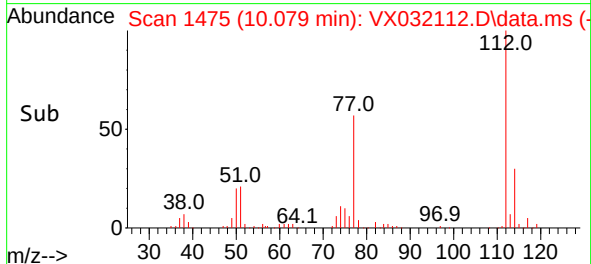
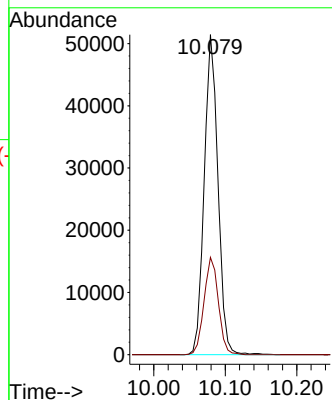
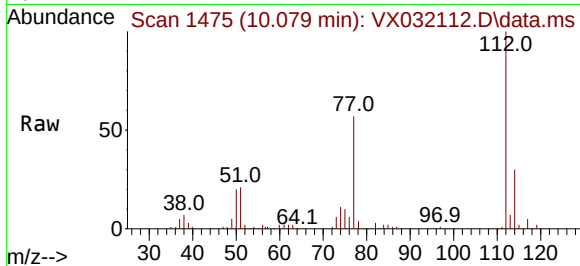
#65
Chlorobenzene
Concen: 18.528 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:112 Resp: 6852
Ion Ratio Lower Upper
112 100
114 30.4 25.7 38.5

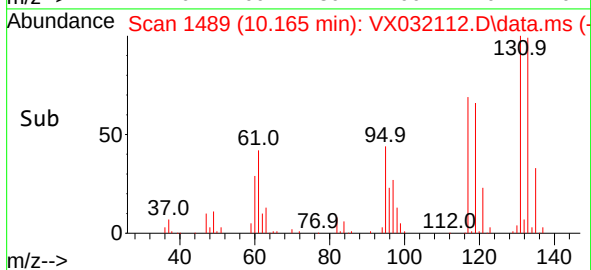
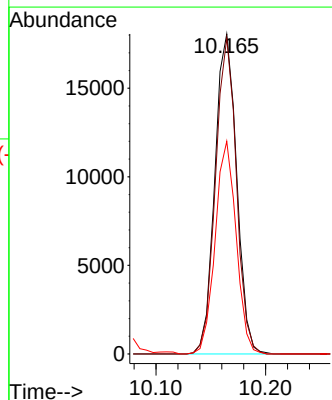
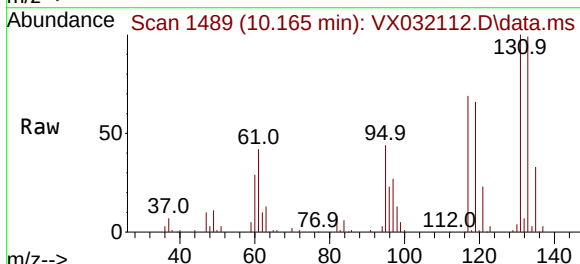
Manual Integrations
APPROVED

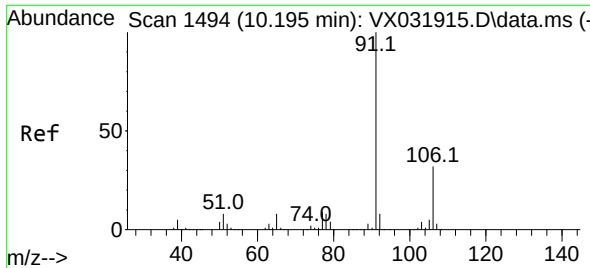
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.485 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

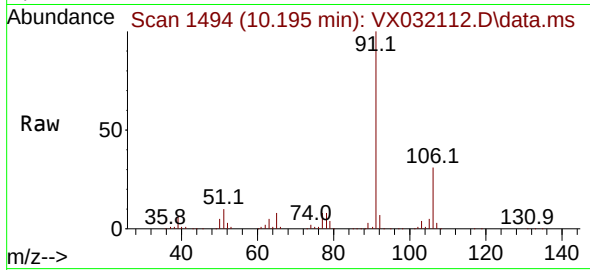
Tgt Ion:131 Resp: 24934
Ion Ratio Lower Upper
131 100
133 94.7 46.6 139.7
119 64.1 31.9 95.9





#67
Ethyl Benzene
Concen: 19.117 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

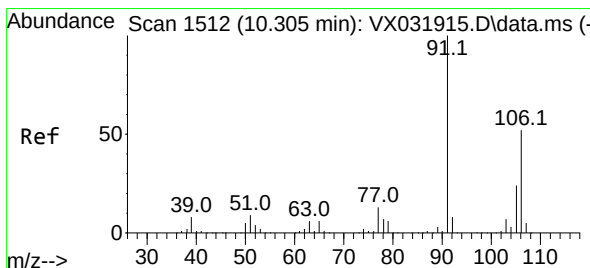
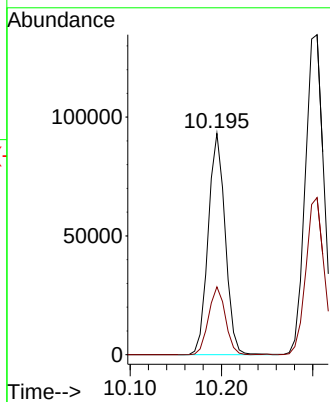
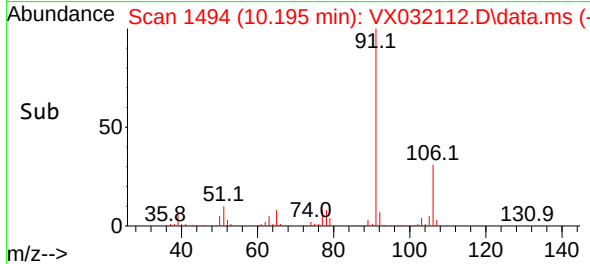
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion: 91 Resp: 119600
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8

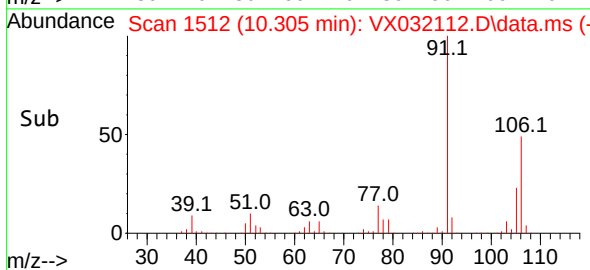
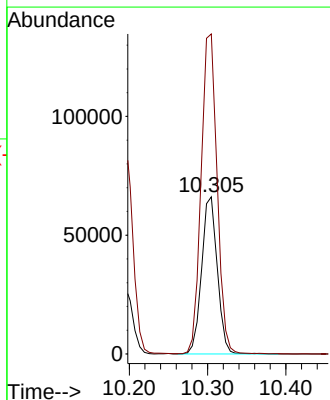
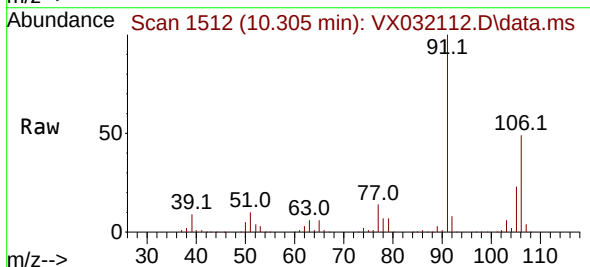
Manual Integrations
APPROVED

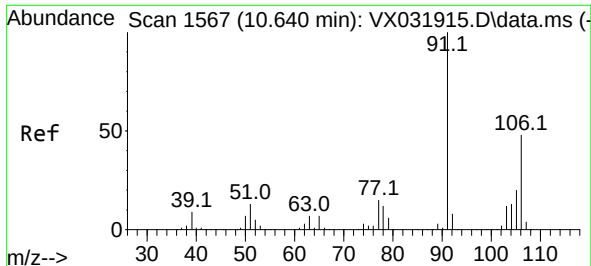
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
m/p-Xylenes
Concen: 36.943 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:106 Resp: 91846
Ion Ratio Lower Upper
106 100
91 207.8 161.0 241.4





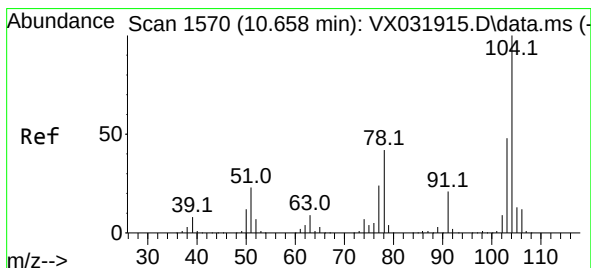
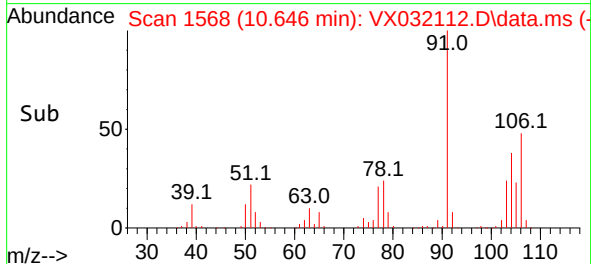
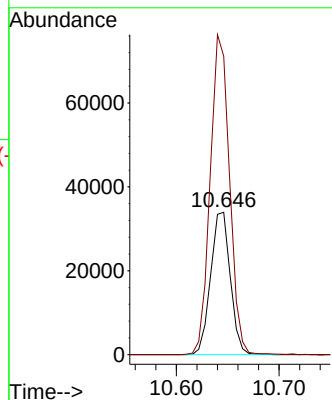
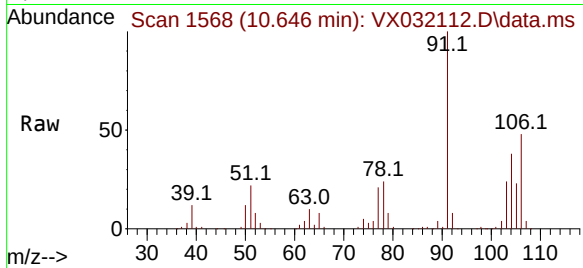
#69
o-Xylene
Concen: 18.706 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:106 Resp: 4520
Ion Ratio Lower Upper
106 100
91 221.3 107.2 321.6

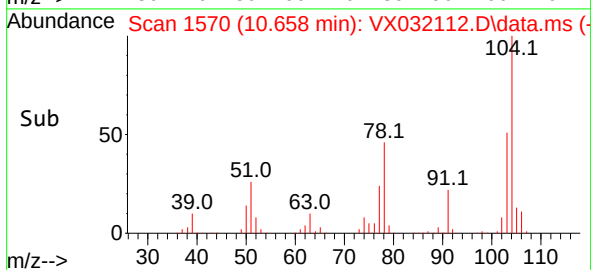
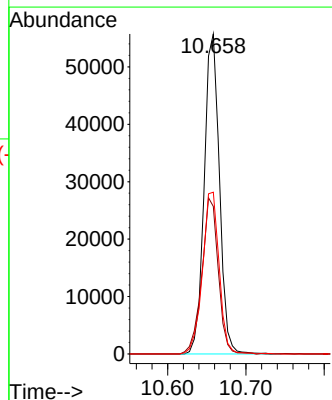
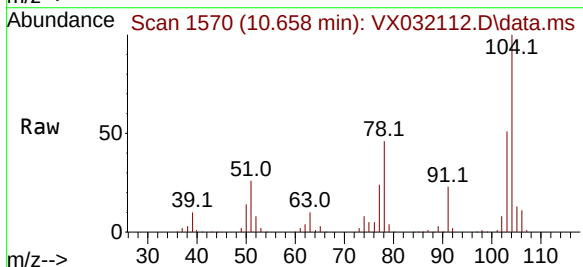
Manual Integrations
APPROVED

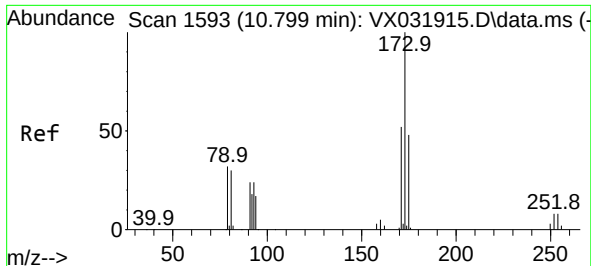
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#70
Styrene
Concen: 19.460 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

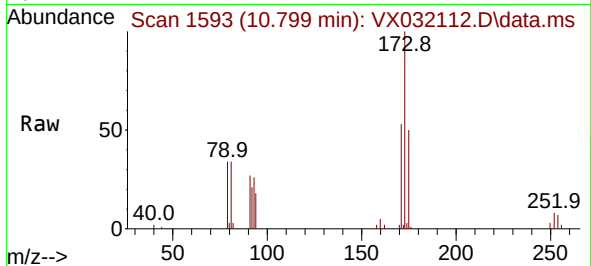
Tgt Ion:104 Resp: 75174
Ion Ratio Lower Upper
104 100
78 52.7 41.4 62.2
103 55.1 43.8 65.8





#71
Bromoform
Concen: 19.652 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

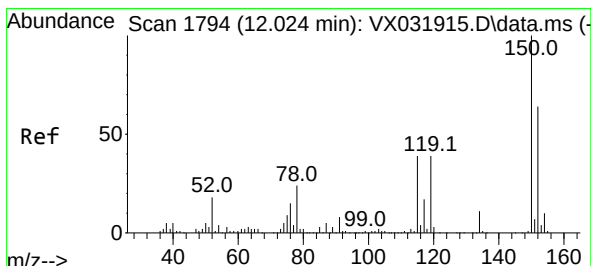
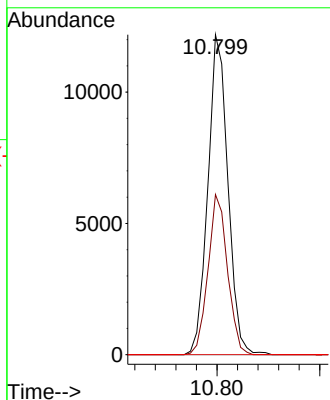
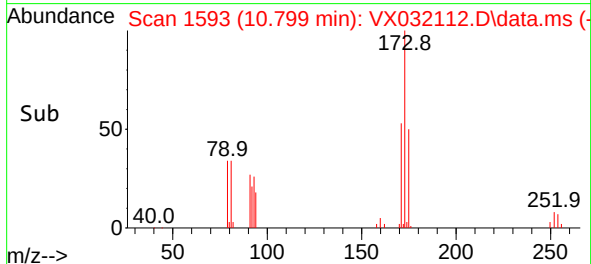
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion:173 Resp: 1646
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0

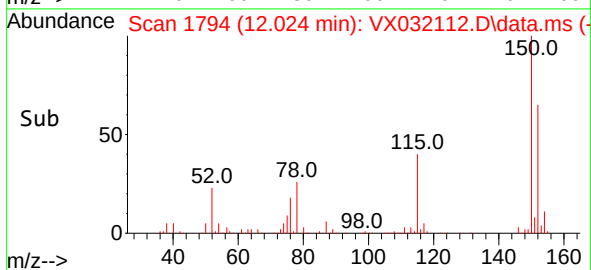
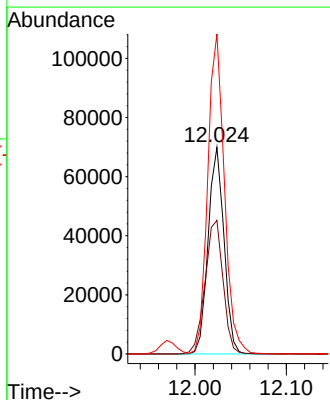
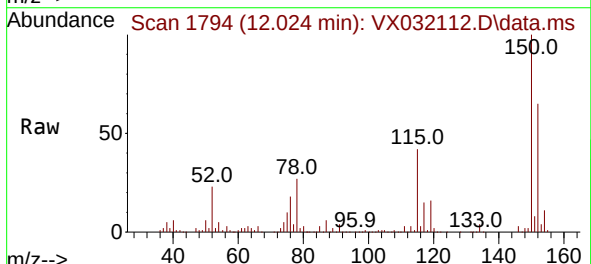
Manual Integrations
APPROVED

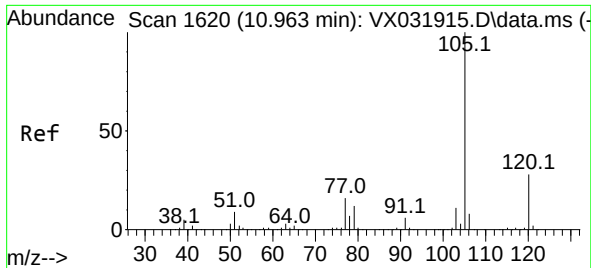
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:152 Resp: 84043
Ion Ratio Lower Upper
152 100
115 73.5 43.4 130.1
150 162.3 0.0 346.8





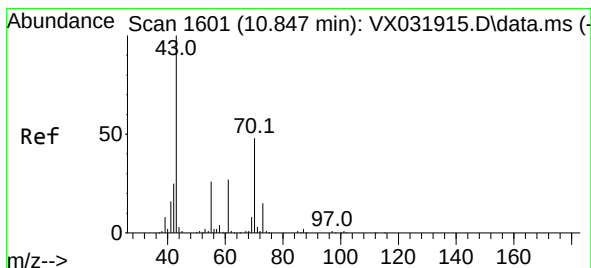
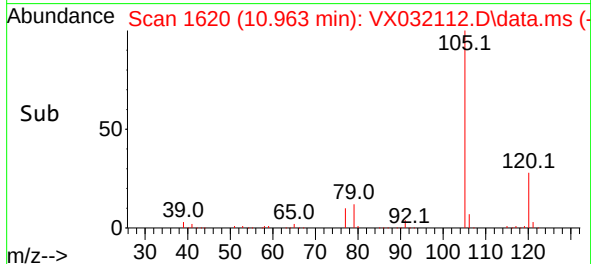
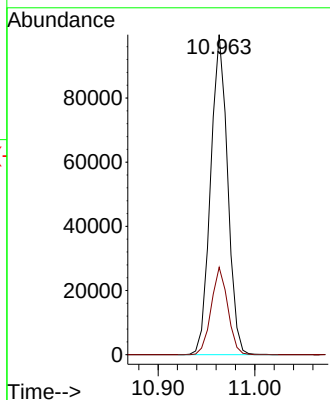
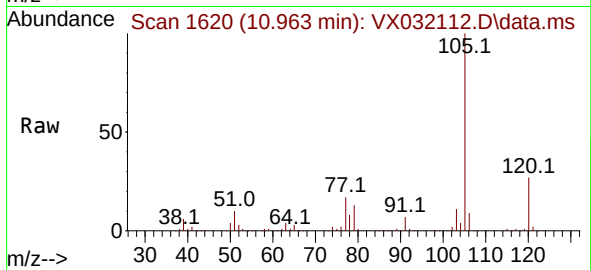
#73
Isopropylbenzene
Concen: 19.228 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:105 Resp: 121878
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0

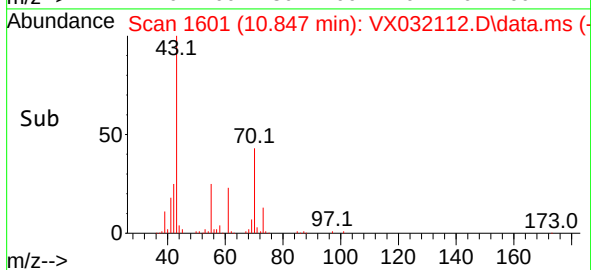
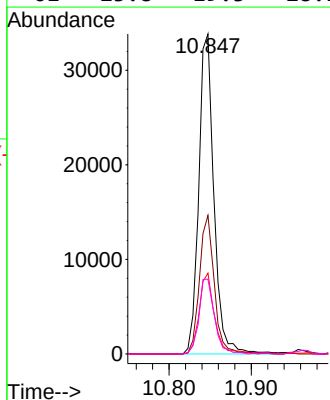
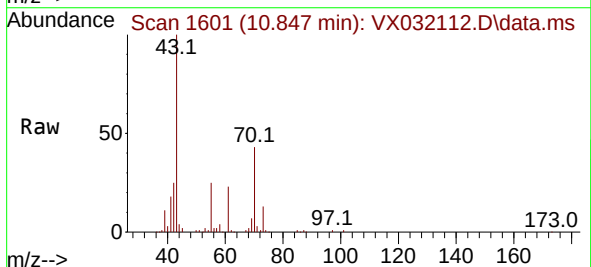
Manual Integrations
APPROVED

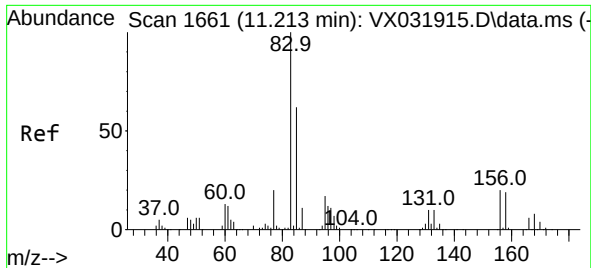
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
N-ethyl acetate
Concen: 22.435 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

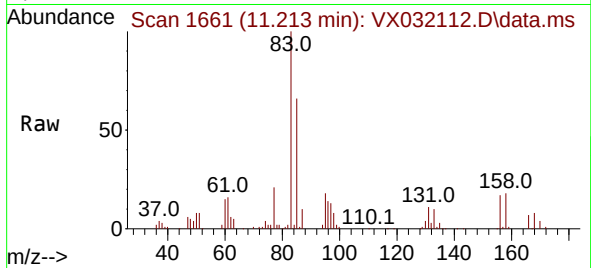
Tgt Ion: 43 Resp: 43427
Ion Ratio Lower Upper
43 100
70 42.5 33.4 50.2
55 25.4 18.2 27.2
61 23.8 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 19.924 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

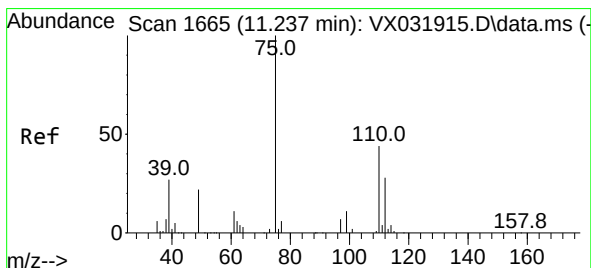
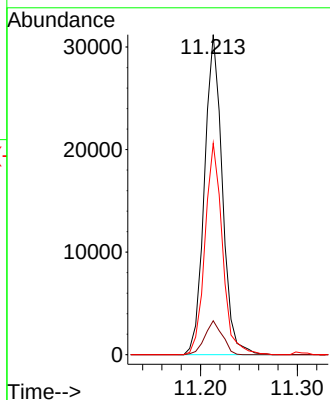
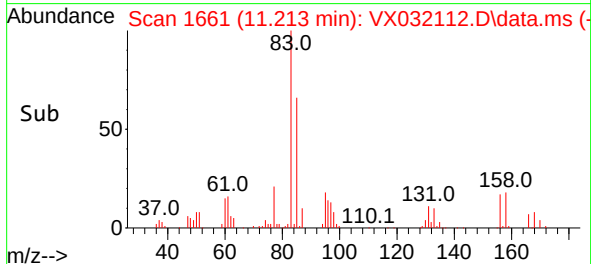
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



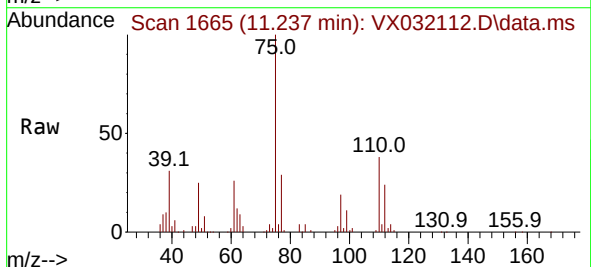
Tgt Ion: 83 Resp: 40120
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 64.4 32.6 97.8

Manual Integrations
APPROVED

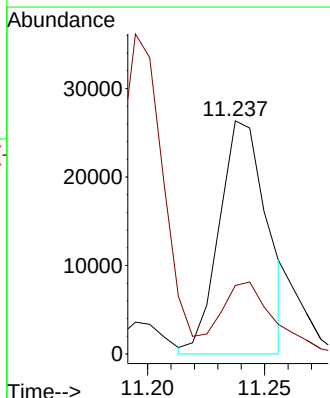
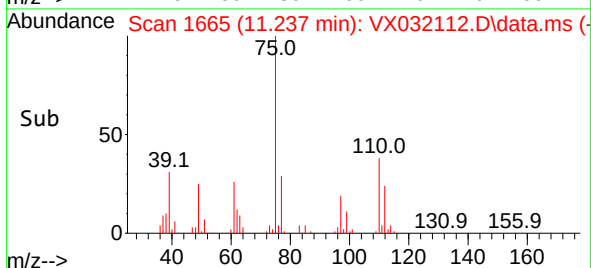
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

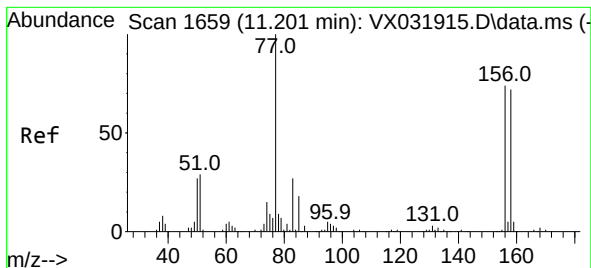


#76
1,2,3-Trichloropropane
Concen: 21.542 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 75 Resp: 37105
Ion Ratio Lower Upper
75 100
77 35.8 20.3 60.9





#77

Bromobenzene

Concen: 18.765 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

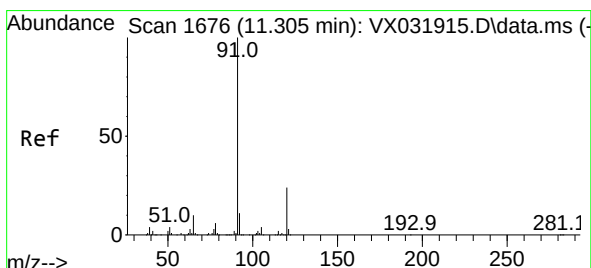
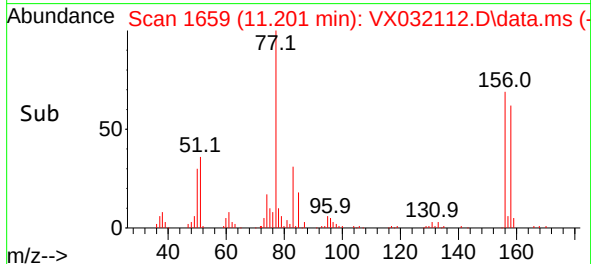
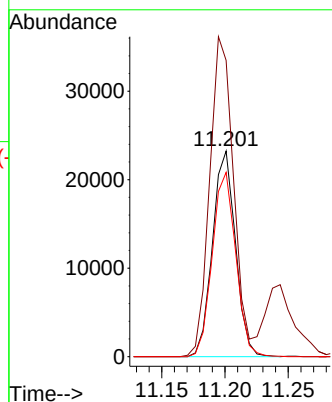
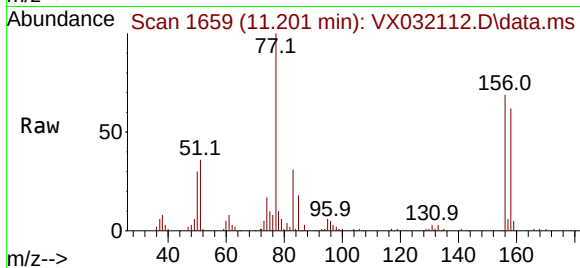
Tgt Ion:	156	Resp:	2929
Ion Ratio	Lower	Upper	
156	100		
77	160.8	79.5	238.6
158	91.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#78

n-propylbenzene

Concen: 19.434 ug/l

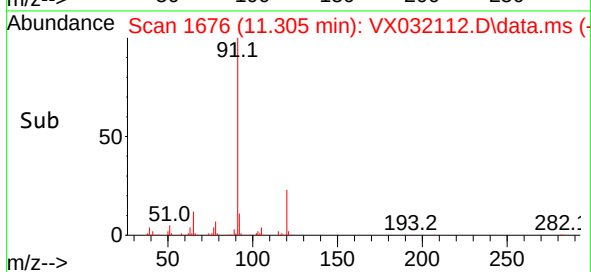
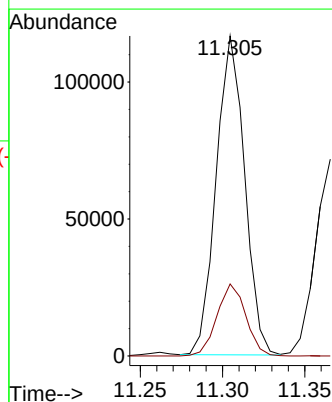
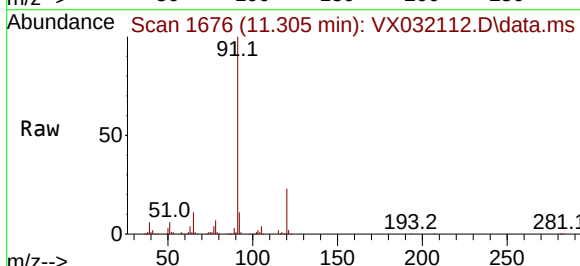
RT: 11.305 min Scan# 1676

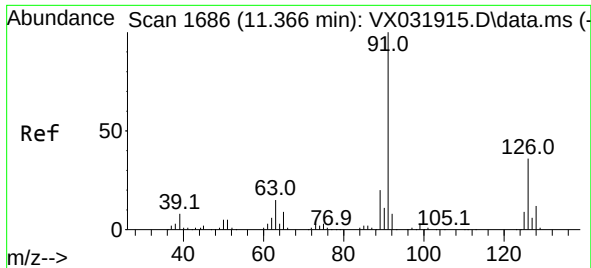
Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion:	91	Resp:	140115
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.8	35.4





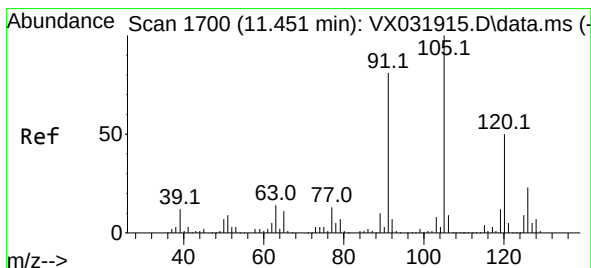
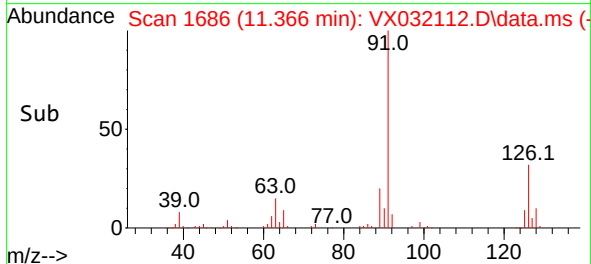
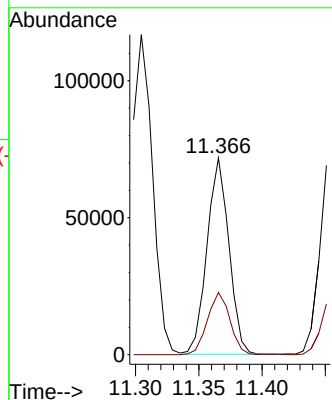
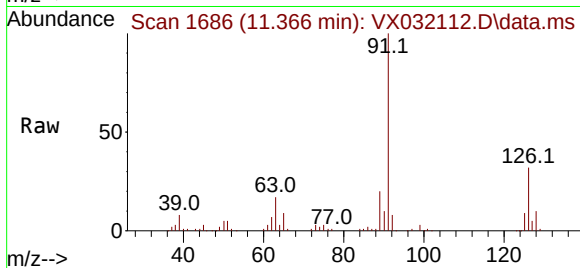
#79
2-Chlorotoluene
Concen: 19.893 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion: 91 Resp: 86309
Ion Ratio Lower Upper
91 100
126 32.6 17.4 52.3

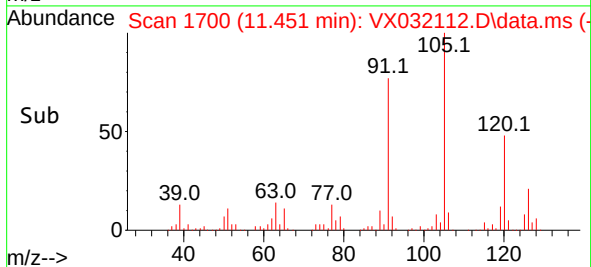
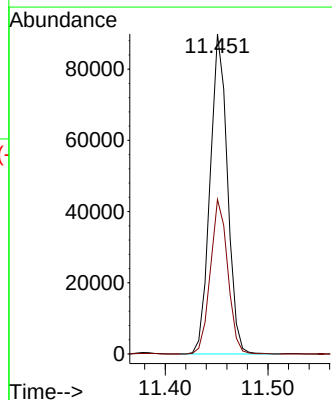
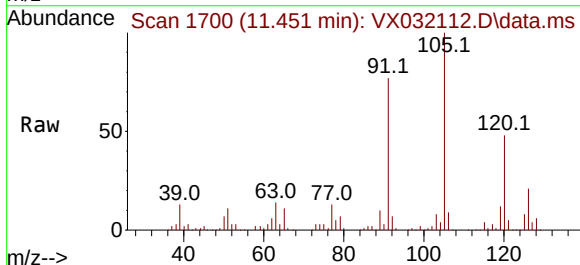
Manual Integrations
APPROVED

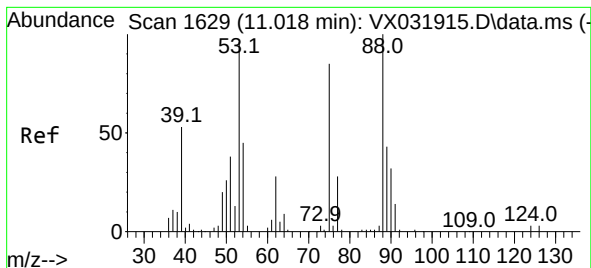
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.044 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

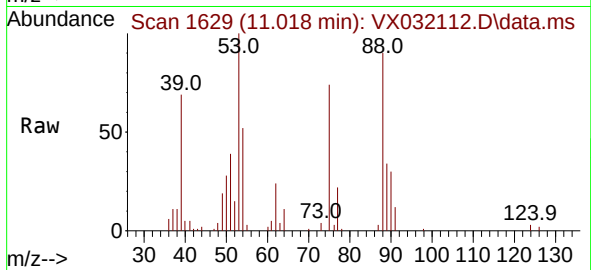
Tgt Ion:105 Resp: 105375
Ion Ratio Lower Upper
105 100
120 48.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.341 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

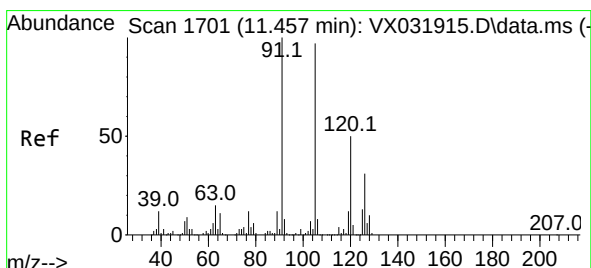
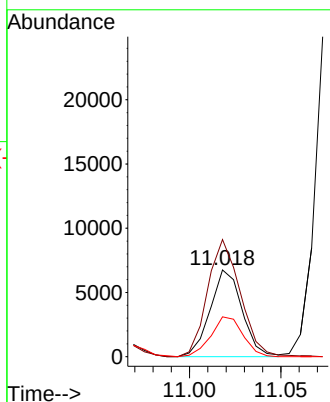
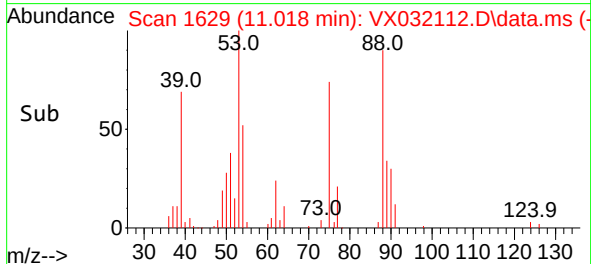
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



Tgt Ion: 75 Resp: 823
Ion Ratio Lower Upper
75 100
53 138.3 77.6 116.4
89 46.0 37.4 56.0

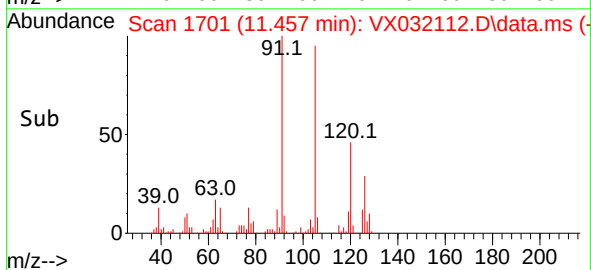
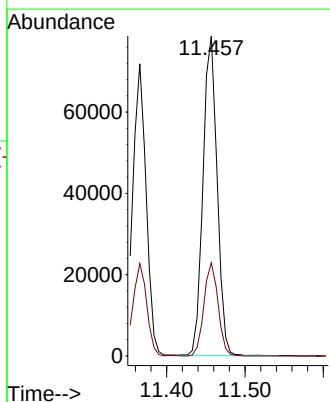
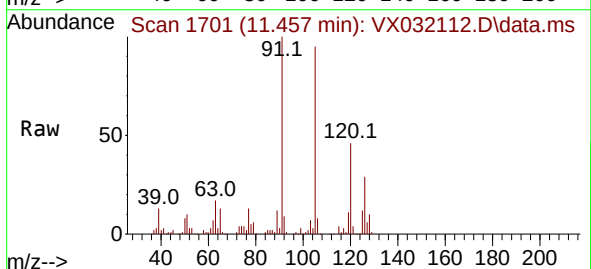
Manual Integrations
APPROVED

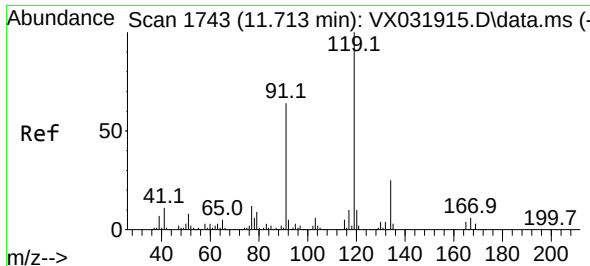
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#82
4-Chlorotoluene
Concen: 19.814 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

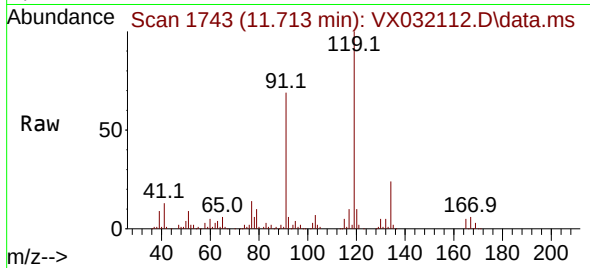
Tgt Ion: 91 Resp: 98456
Ion Ratio Lower Upper
91 100
126 29.1 15.1 45.3





#83
tert-Butylbenzene
Concen: 19.830 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

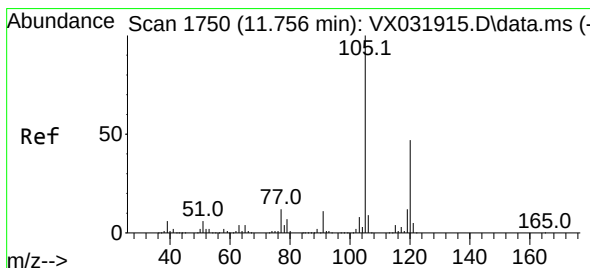
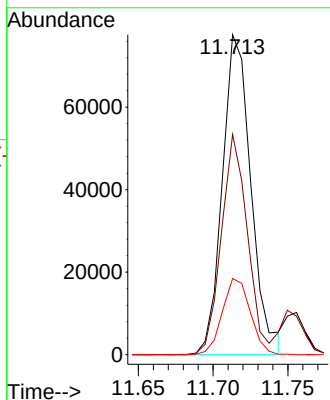
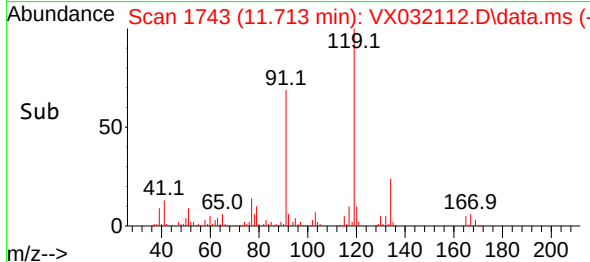
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



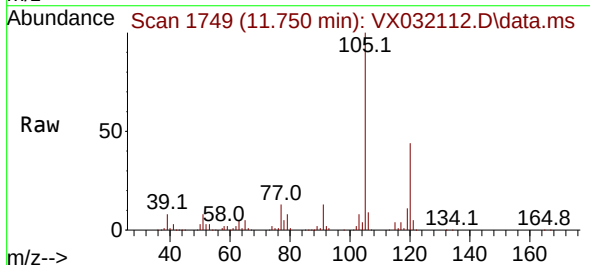
Tgt Ion:119 Resp: 10317
Ion Ratio Lower Upper
119 100
91 62.6 29.2 87.6
134 23.4 11.6 34.8

Manual Integrations
APPROVED

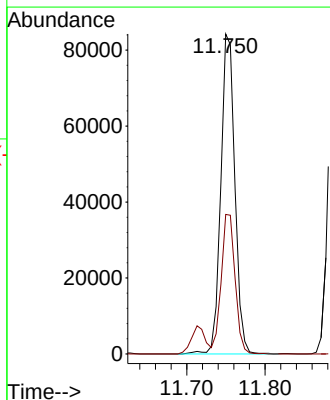
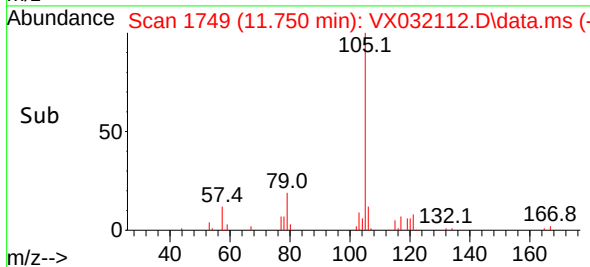
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

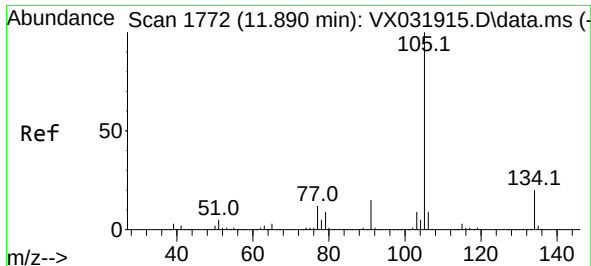


#84
1,2,4-Trimethylbenzene
Concen: 19.743 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



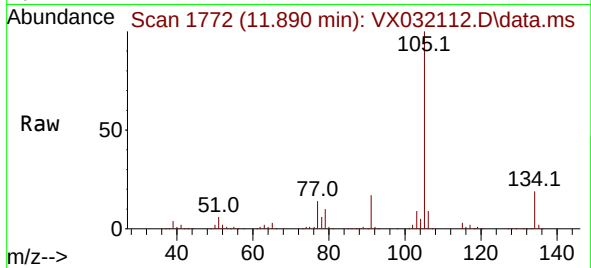
Tgt Ion:105 Resp: 105441
Ion Ratio Lower Upper
105 100
120 43.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.229 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032112.D
 Acq: 13 Oct 2022 15:43

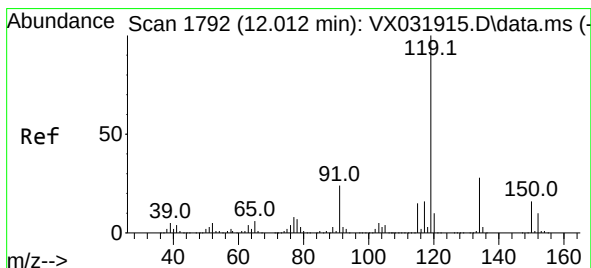
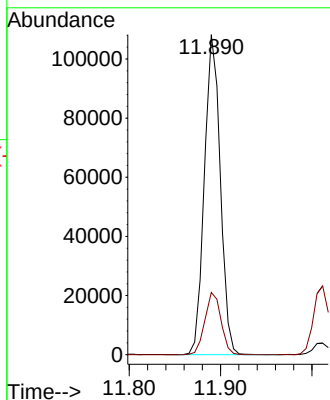
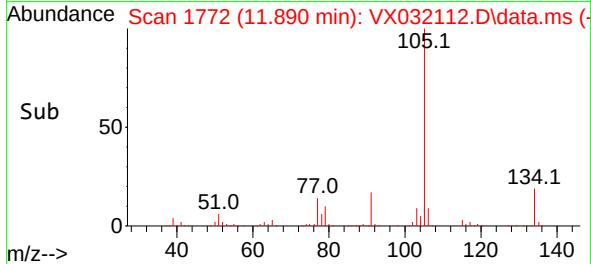
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBS01



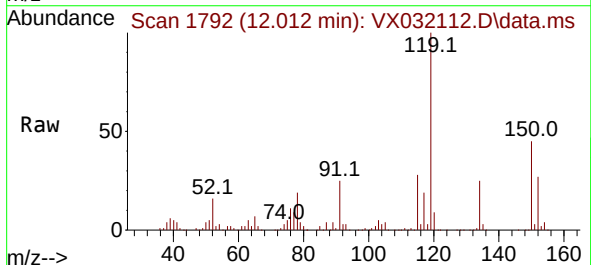
Tgt Ion:105 Resp: 130308
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
 APPROVED

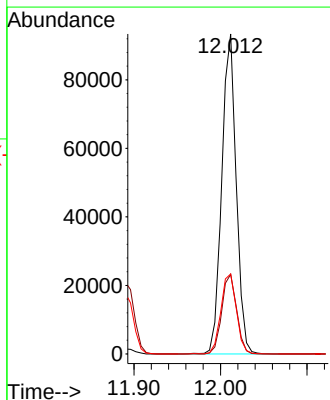
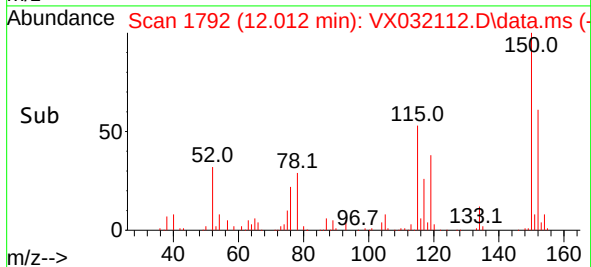
Reviewed By :John Carlone 10/14/2022
 Supervised By :Mahesh Dadoda 10/14/2022

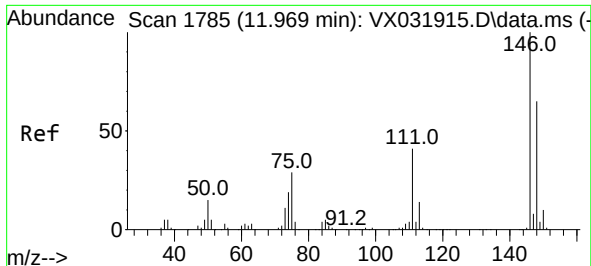


#86
 p-Isopropyltoluene
 Concen: 19.935 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032112.D
 Acq: 13 Oct 2022 15:43



Tgt Ion:119 Resp: 108122
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.4 40.2
 91 26.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.617 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

Tgt Ion:146 Resp: 55348

Ion Ratio Lower Upper

146 100

111 41.3 19.8 59.4

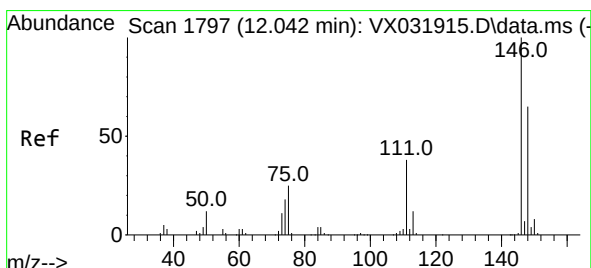
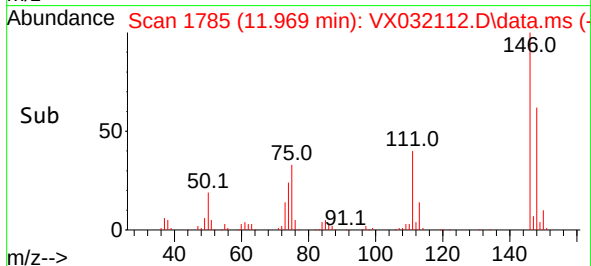
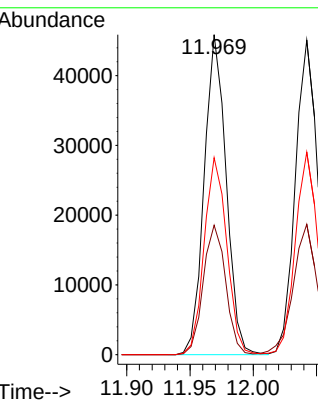
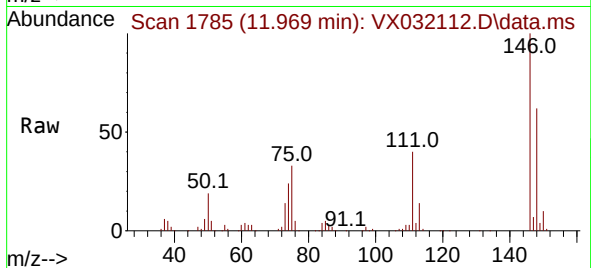
148 63.3 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#88

1,4-Dichlorobenzene

Concen: 18.240 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

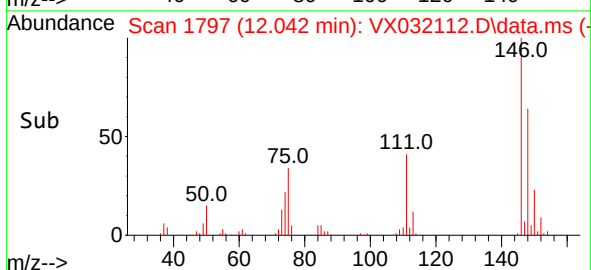
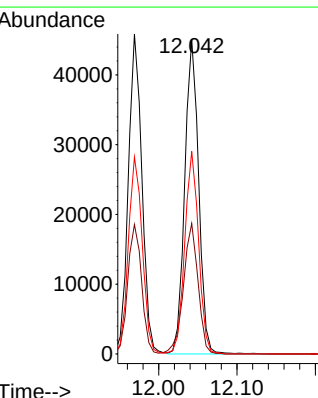
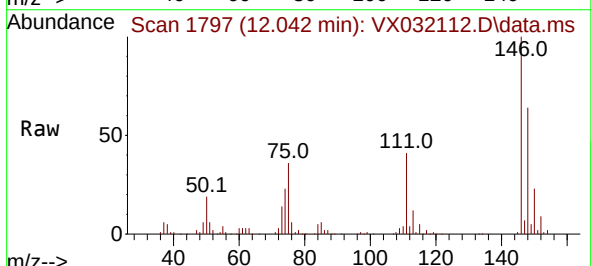
Tgt Ion:146 Resp: 55816

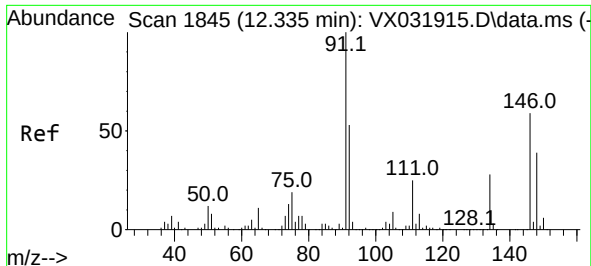
Ion Ratio Lower Upper

146 100

111 43.6 20.5 61.5

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 20.608 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

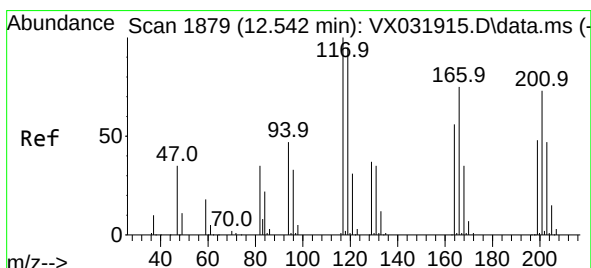
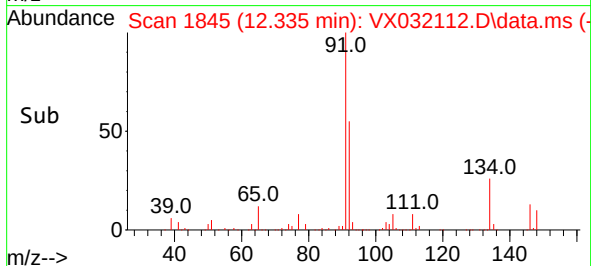
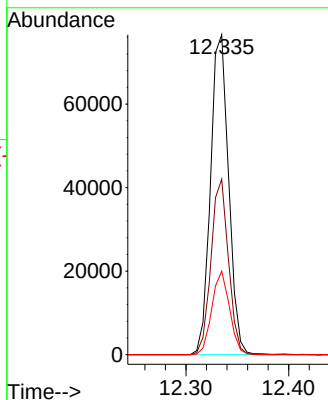
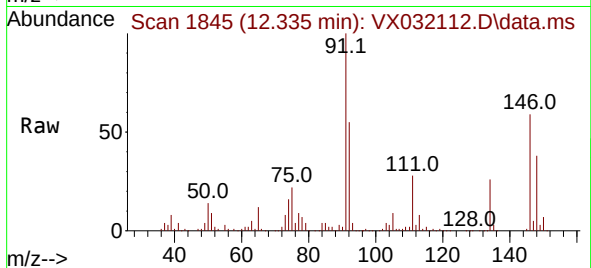
Tgt Ion: 91	Resp: 93600
Ion Ratio	Lower Upper
91	100
92	52.9 27.0 81.0
134	25.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#90

Hexachloroethane

Concen: 18.913 ug/l

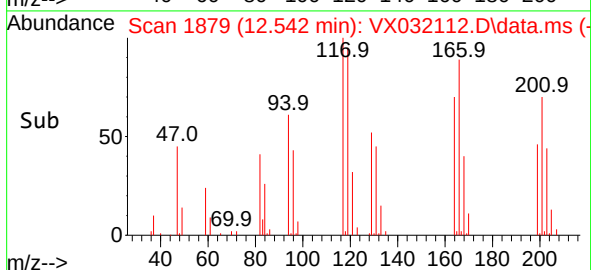
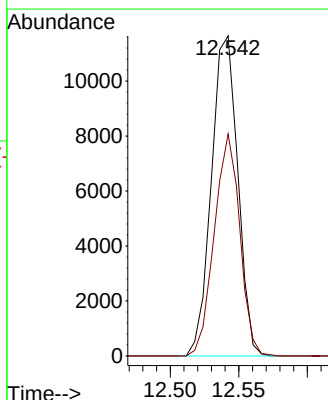
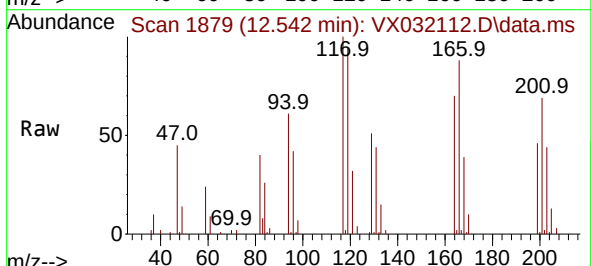
RT: 12.542 min Scan# 1879

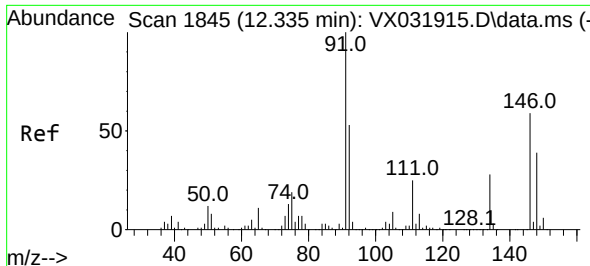
Delta R.T. 0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

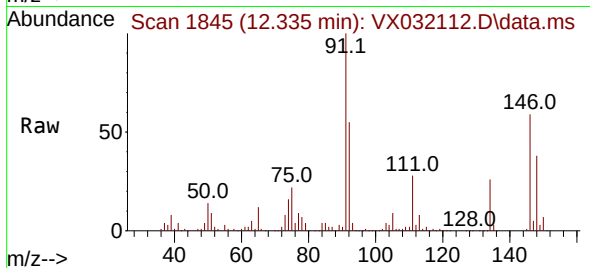
Tgt Ion: 117	Resp: 15591
Ion Ratio	Lower Upper
117	100
201	66.9 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 18.730 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

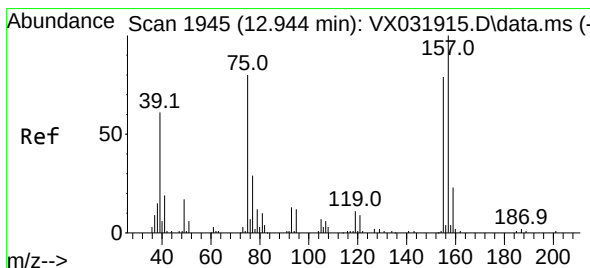
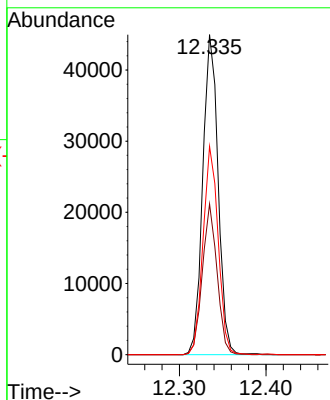
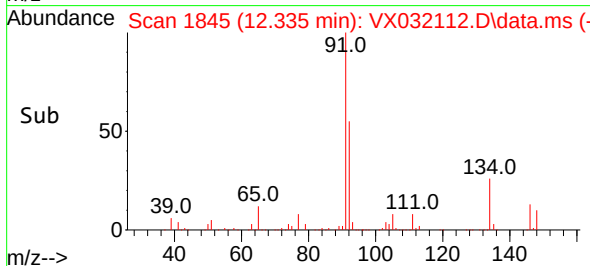
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01



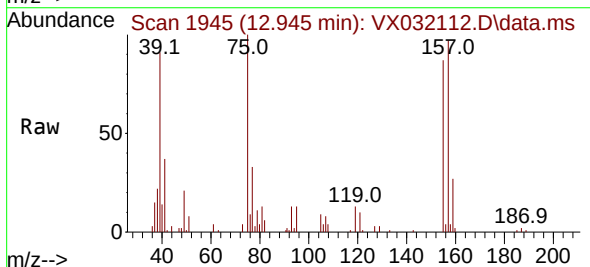
Tgt Ion:146 Resp: 55362
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.8
148 64.1 31.6 95.0

Manual Integrations
APPROVED

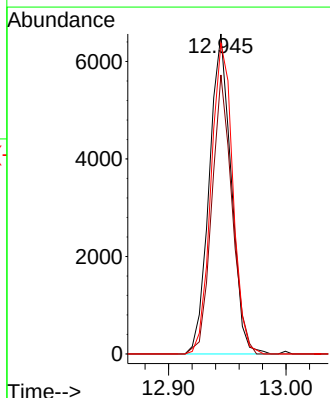
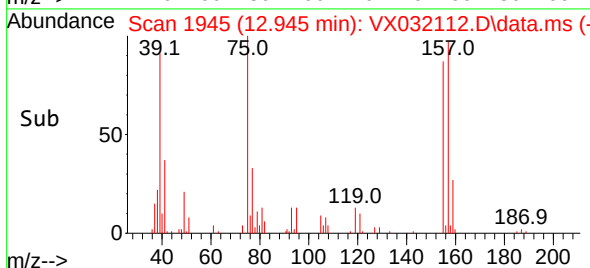
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022

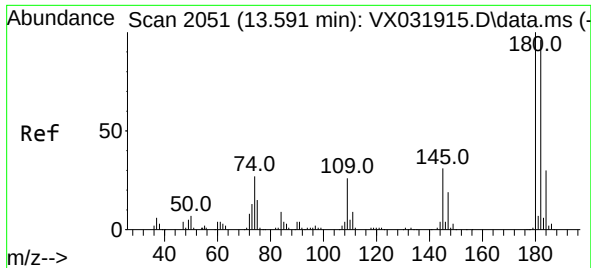


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.060 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43



Tgt Ion: 75 Resp: 8501
Ion Ratio Lower Upper
75 100
155 80.8 40.3 120.8
157 96.3 51.5 154.5





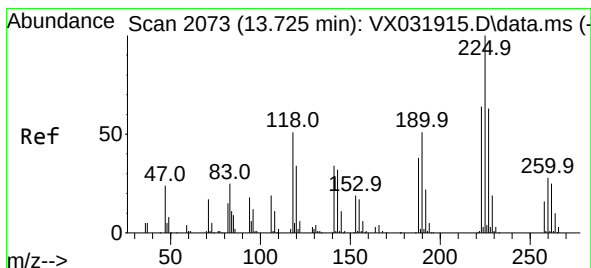
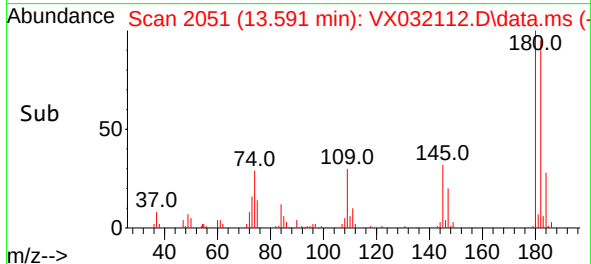
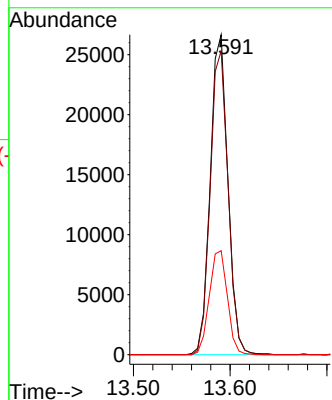
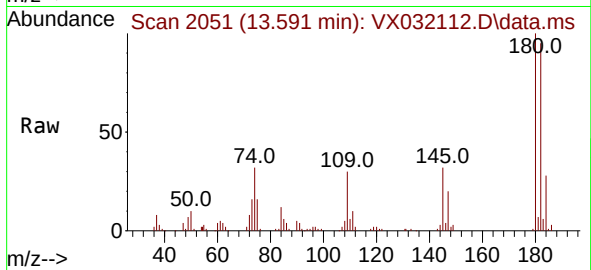
#93
1,2,4-Trichlorobenzene
Concen: 18.832 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBS01

Tgt Ion:180 Resp: 3378
Ion Ratio Lower Upper
180 100
182 95.6 46.9 140.6
145 33.2 16.7 50.1

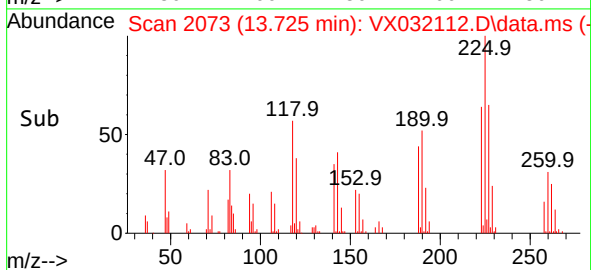
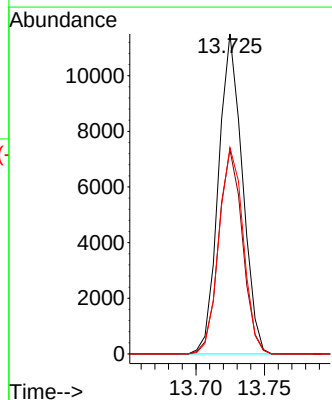
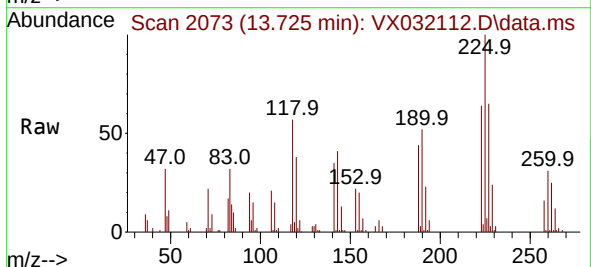
Manual Integrations
APPROVED

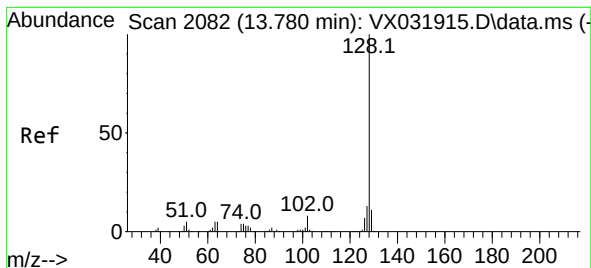
Reviewed By :John Carlone 10/14/2022
Supervised By :Mahesh Dadoda 10/14/2022



#94
Hexachlorobutadiene
Concen: 19.182 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032112.D
Acq: 13 Oct 2022 15:43

Tgt Ion:225 Resp: 13918
Ion Ratio Lower Upper
225 100
223 63.7 30.8 92.4
227 65.5 32.3 96.9





#95

Naphthalene

Concen: 20.124 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

VX1013MBS01

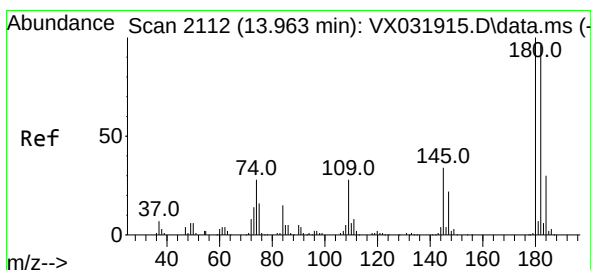
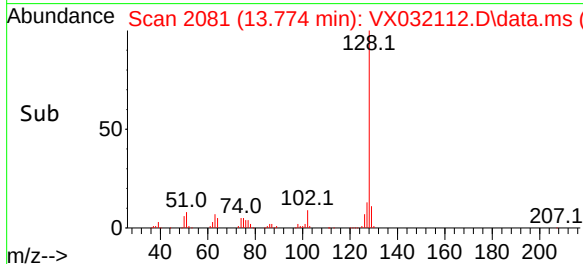
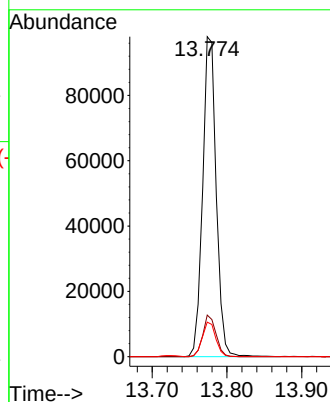
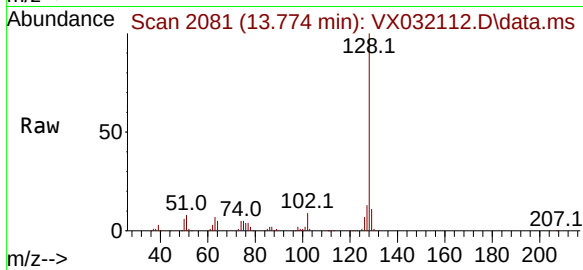
Tgt Ion:128 Resp: 123708
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.4 15.6
 129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2022

Supervised By :Mahesh Dadoda 10/14/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.345 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX032112.D

Acq: 13 Oct 2022 15:43

Tgt Ion:180 Resp: 35203
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.9 143.8
 145 34.7 17.6 52.8

