

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101422\
 Data File : VX032147.D
 Acq On : 14 Oct 2022 20:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/17/2022
 Supervised By : Mahesh Dadoda 10/17/2022

Quant Time: Oct 17 02:29:22 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	71562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	114299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86976	58.851	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.700%			
35) Dibromofluoromethane	5.385	113	66016	51.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.647	98	194698	41.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 83.640%#			
62) 4-Bromofluorobenzene	11.079	95	96780	58.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51679	48.525	ug/l	100
3) Chloromethane	1.288	50	49225	44.138	ug/l	98
4) Vinyl Chloride	1.374	62	57292	43.959	ug/l	96
5) Bromomethane	1.612	94	38538	45.272	ug/l	98
6) Chloroethane	1.685	64	51051	46.030	ug/l	99
7) Trichlorofluoromethane	1.886	101	94762	40.449	ug/l	100
8) Diethyl Ether	2.130	74	33894	42.444	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	45836	38.708	ug/l	94
10) Methyl Iodide	2.453	142	58403	48.556	ug/l	98
11) Tert butyl alcohol	3.020	59	43985m	239.209	ug/l	
12) 1,1-Dichloroethene	2.319	96	40828	37.456	ug/l	92
13) Acrolein	2.240	56	26577	250.737	ug/l	99
14) Allyl chloride	2.660	41	87568	56.459	ug/l	95
15) Acrylonitrile	3.069	53	153692	262.197	ug/l	99
16) Acetone	2.392	43	97344	193.803	ug/l	97
17) Carbon Disulfide	2.508	76	103237	44.104	ug/l	99
18) Methyl Acetate	2.703	43	92825	56.010	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	205336	56.136	ug/l	99
20) Methylene Chloride	2.788	84	62570	47.404	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	57494	47.629	ug/l	97
22) Diisopropyl ether	3.758	45	205941	59.064	ug/l	89
23) Vinyl Acetate	3.721	43	792407	304.038	ug/l	99
24) 1,1-Dichloroethane	3.611	63	113248	54.183	ug/l	100
25) 2-Butanone	4.562	43	214389	273.043	ug/l	97
26) 2,2-Dichloropropane	4.477	77	84329	56.172	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	73083	50.598	ug/l	95
28) Bromochloromethane	4.898	49	50280	56.203	ug/l	94
29) Tetrahydrofuran	5.007	42	134457	265.401	ug/l	97
30) Chloroform	5.099	83	132471	56.901	ug/l	98
31) Cyclohexane	5.471	56	90234	51.108	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	114366	57.808	ug/l	98
36) 1,1-Dichloropropene	5.690	75	88404	51.528	ug/l	99
37) Ethyl Acetate	4.715	43	85915	53.191	ug/l	99
38) Carbon Tetrachloride	5.678	117	99890	56.943	ug/l	98
39) Methylcyclohexane	7.385	83	99535	48.638	ug/l	98
40) Benzene	6.038	78	252418	50.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49714	59.189	ug/l	98
42) 1,2-Dichloroethane	6.086	62	109498	59.813	ug/l	99
43) Isopropyl Acetate	6.342	43	145847	59.514	ug/l	100
44) Trichloroethene	7.129	130	69161	46.951	ug/l	99
45) 1,2-Dichloropropane	7.434	63	65987	53.447	ug/l	97
46) Dibromomethane	7.580	93	50431	52.707	ug/l	97
47) Bromodichloromethane	7.824	83	100736	60.945	ug/l	99
48) Methyl methacrylate	7.696	41	72950	62.296	ug/l	98
49) 1,4-Dioxane	7.702	88	26622	1005.330	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	377598	232.510	ug/l	99
52) Toluene	8.720	92	139971	42.613	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78513	44.267	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	107919	60.289	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	58289	42.045	ug/l	98
56) Ethyl methacrylate	9.116	69	81439	45.827	ug/l	98
57) 1,3-Dichloropropane	9.311	76	96275	43.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	245776	267.926	ug/l	96
59) 2-Hexanone	9.433	43	276259	230.708	ug/l	98
60) Dibromochloromethane	9.525	129	61475	48.453	ug/l	100
61) 1,2-Dibromoethane	9.610	107	61145	43.857	ug/l	98
64) Tetrachloroethene	9.275	164	54937	46.452	ug/l	96
65) Chlorobenzene	10.080	112	152684	48.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56601	51.536	ug/l	96
67) Ethyl Benzene	10.195	91	271300	50.525	ug/l	100
68) m/p-Xylenes	10.305	106	226193	106.002	ug/l	98
69) o-Xylene	10.640	106	128307	61.863	ug/l	95
70) Styrene	10.659	104	217017	65.453	ug/l	98
71) Bromoform	10.799	173	51464	71.578	ug/l #	97
73) Isopropylbenzene	10.964	105	350596	49.756	ug/l	97
74) N-amyl acetate	10.848	43	133945	62.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	110705	49.449	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100226m	52.345	ug/l	
77) Bromobenzene	11.201	156	80878	46.597	ug/l	96
78) n-propylbenzene	11.305	91	408091	50.919	ug/l	98
79) 2-Chlorotoluene	11.366	91	248134	51.448	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	303959	52.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27297	50.547	ug/l #	84
82) 4-Chlorotoluene	11.457	91	294765	53.365	ug/l	96
83) tert-Butylbenzene	11.713	119	300493	51.953	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	305056	51.384	ug/l	97
85) sec-Butylbenzene	11.890	105	379891	53.051	ug/l	98
86) p-Isopropyltoluene	12.012	119	320794	53.208	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	159999	48.414	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	161400	47.447	ug/l	99
89) n-Butylbenzene	12.335	91	282389	55.931	ug/l	99
90) Hexachloroethane	12.543	117	51302	53.419	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	162403	49.426	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24653	60.158	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	99756	50.022	ug/l	100
94) Hexachlorobutadiene	13.725	225	41226	51.112	ug/l	98
95) Naphthalene	13.774	128	339892	49.739	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	100396	49.631	ug/l	99

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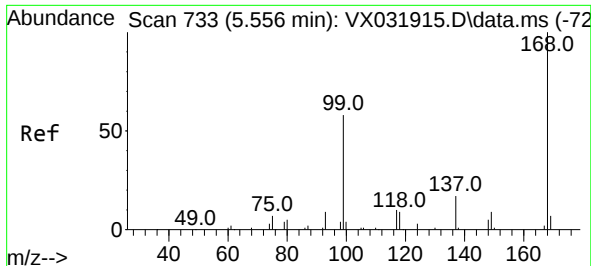
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

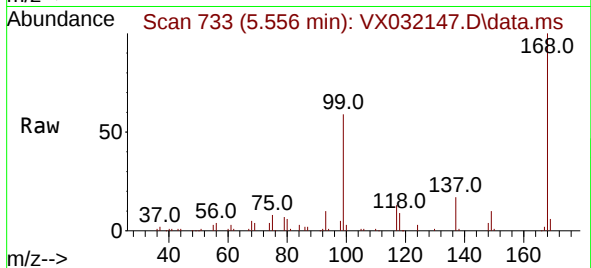
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7156
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

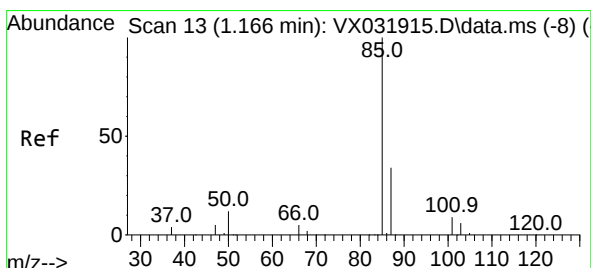
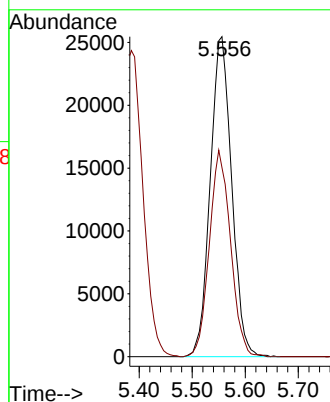
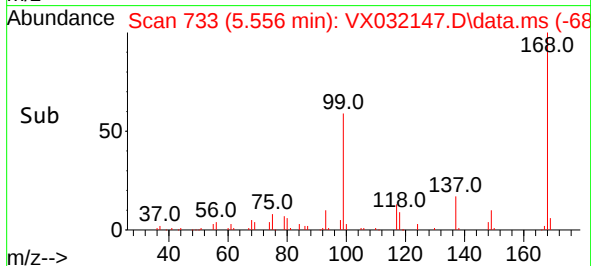
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7156
Ion Ratio Lower Upper
168 100
99 59.1 48.8 73.2

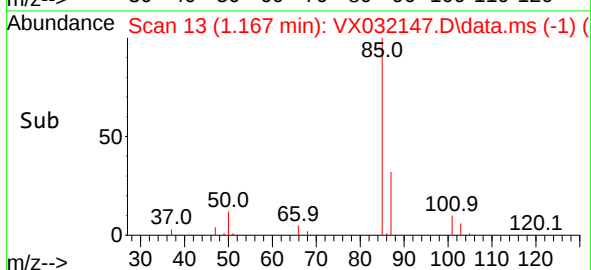
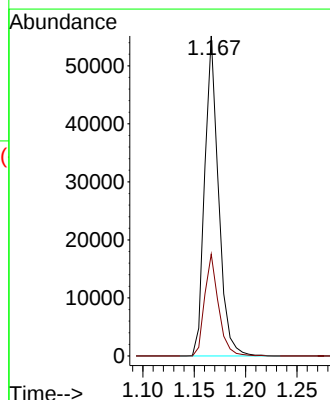
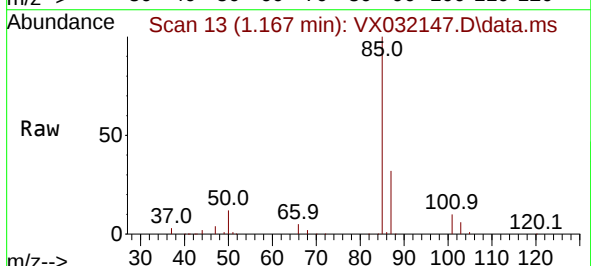
Manual Integrations
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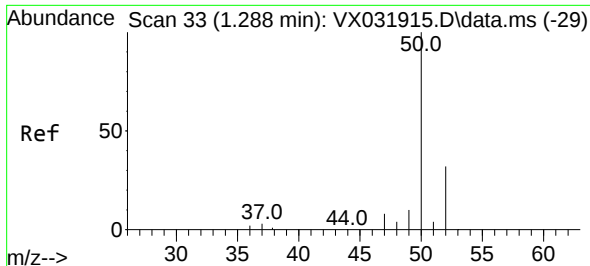
Reviewed By :John Carlone 10/17/2022
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#2
Dichlorodifluoromethane
Concen: 48.525 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

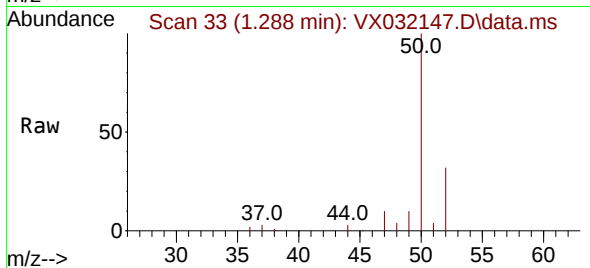
Tgt Ion: 85 Resp: 51679
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 44.138 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

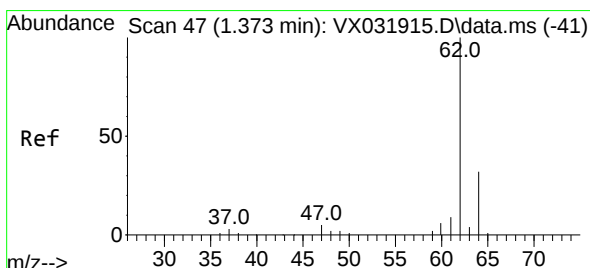
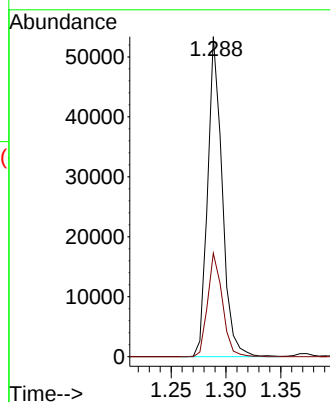
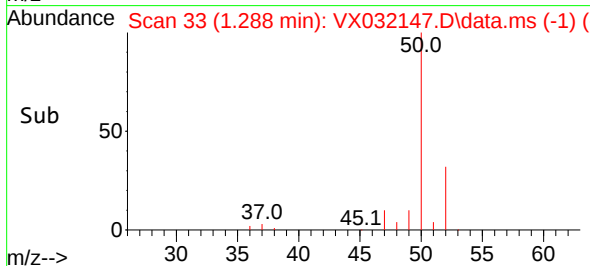
Instrument :
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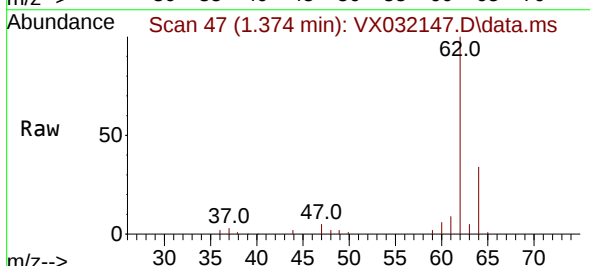
Tgt Ion: 50 Resp: 49225
Ion Ratio Lower Upper
50 100
52 32.4 26.9 40.3

Manual Integrations
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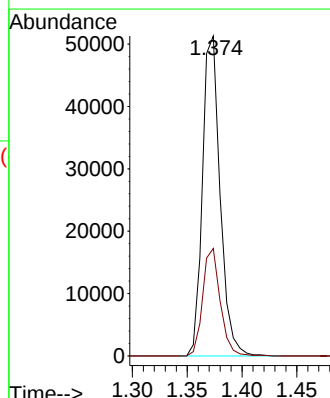
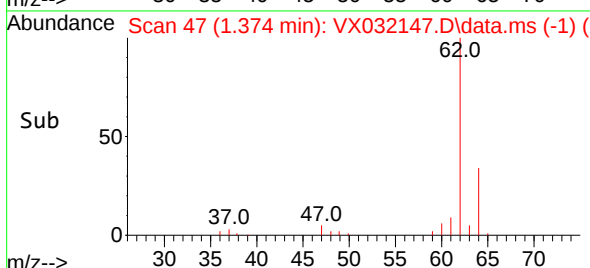
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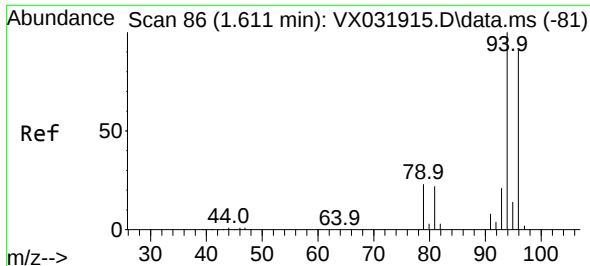


#4
Vinyl Chloride
Concen: 43.959 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion: 62 Resp: 57292
Ion Ratio Lower Upper
62 100
64 33.6 25.3 37.9





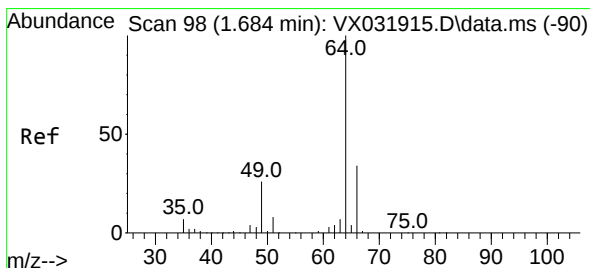
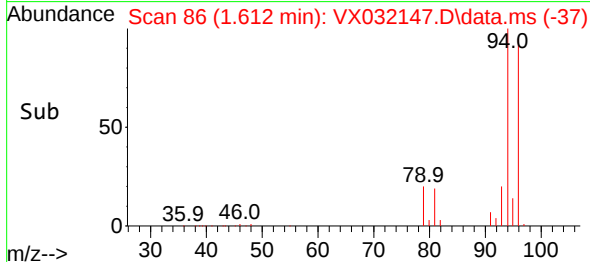
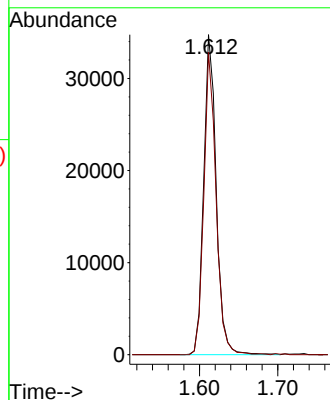
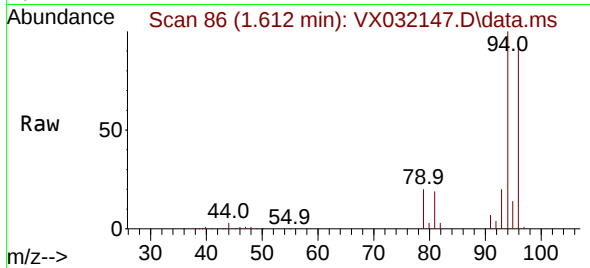
#5
Bromomethane
Concen: 45.272 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 38538
Ion Ratio Lower Upper
94 100
96 94.5 74.4 111.6

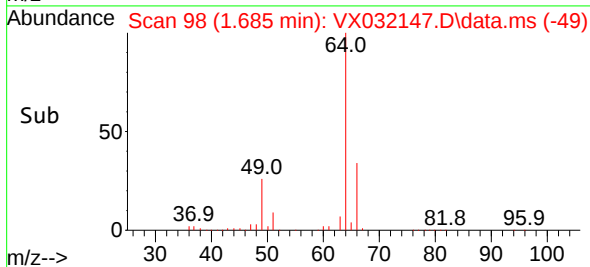
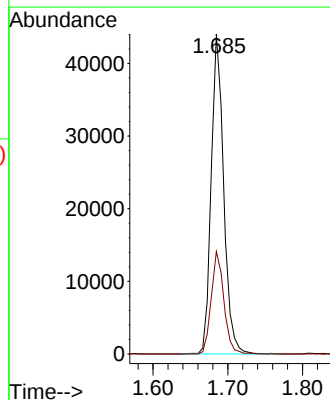
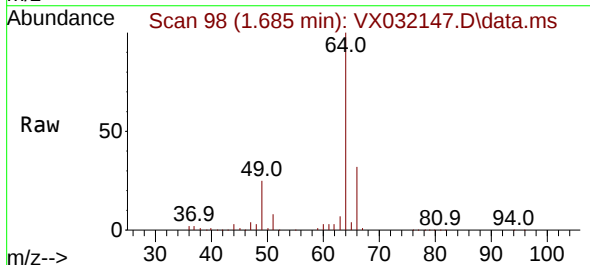
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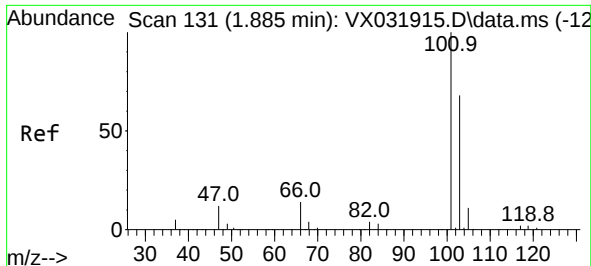
Reviewed By :John Carlone 10/17/2022
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#6
Chloroethane
Concen: 46.030 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.001 min
Lab File: VX032147.D
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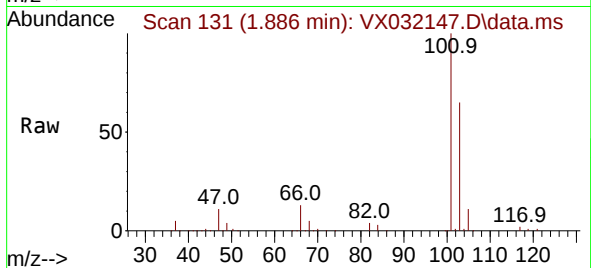
Tgt Ion: 64 Resp: 51051
Ion Ratio Lower Upper
64 100
66 32.0 25.0 37.4





#7
Trichlorofluoromethane
Concen: 40.449 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

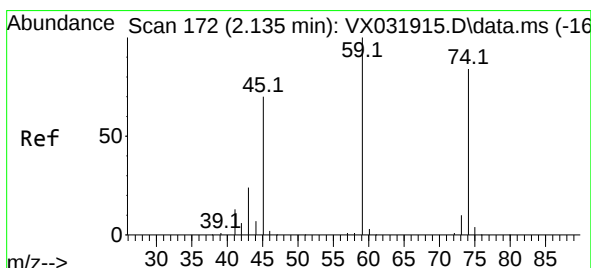
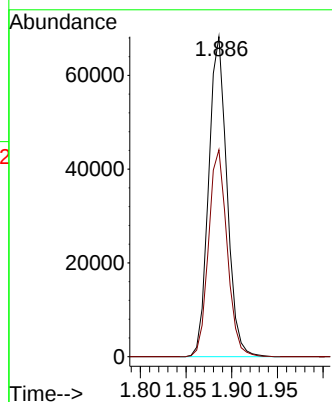
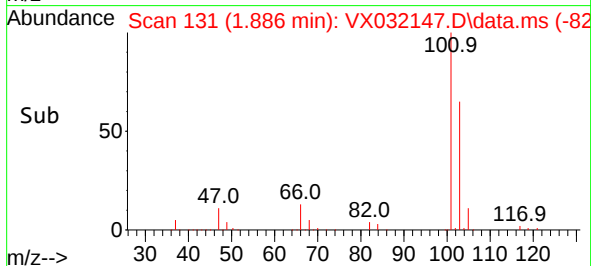
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 94762
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

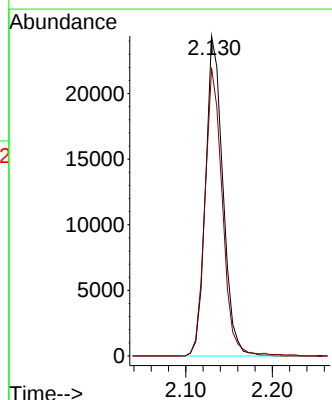
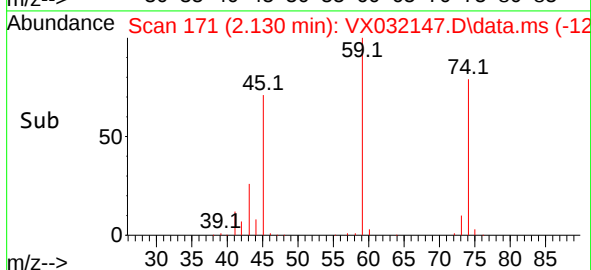
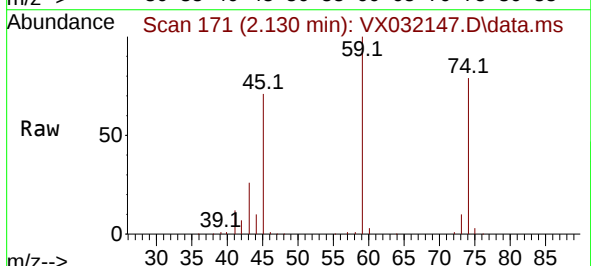
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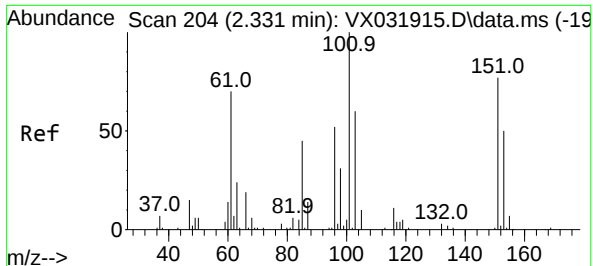
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#8
Diethyl Ether
Concen: 42.444 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 74 Resp: 33894
Ion Ratio Lower Upper
74 100
45 90.8 48.5 145.6





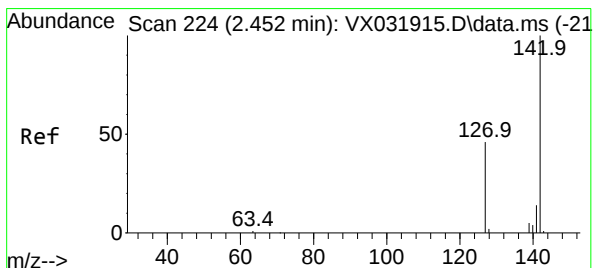
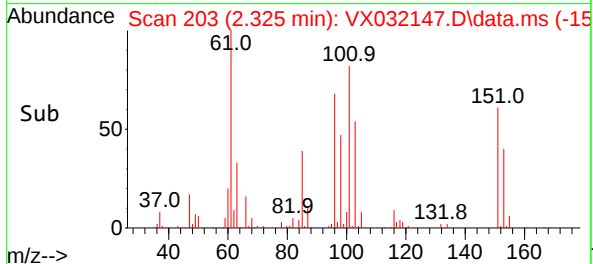
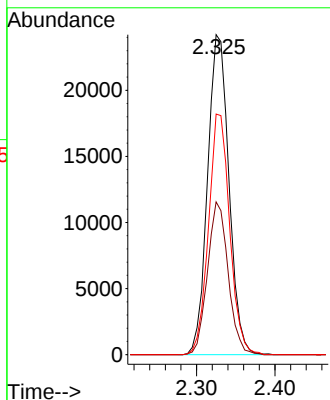
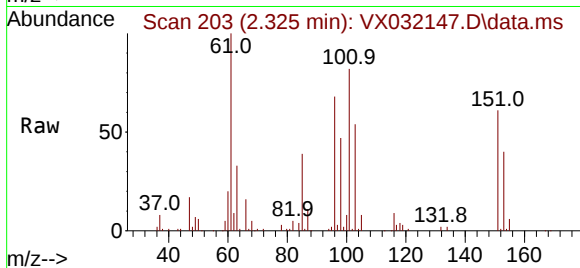
#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.708 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 45830
Ion Ratio Lower Upper
101 100
85 46.2 38.6 57.8
151 74.6 54.0 81.0

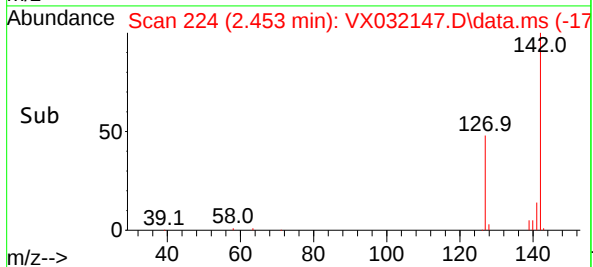
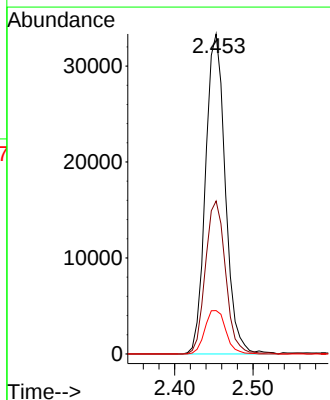
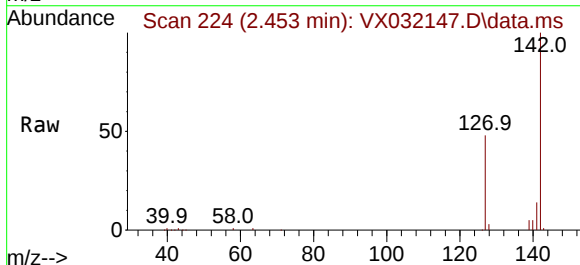
Manual Integrations
APPROVED

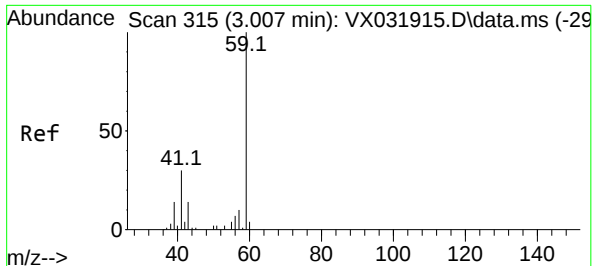
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#10
Methyl Iodide
Concen: 48.556 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

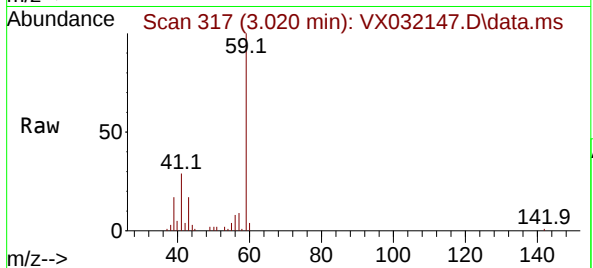
Tgt Ion:142 Resp: 58403
Ion Ratio Lower Upper
142 100
127 48.8 37.4 56.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 239.209 ug/l m
RT: 3.020 min Scan# 315
Delta R.T. 0.013 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

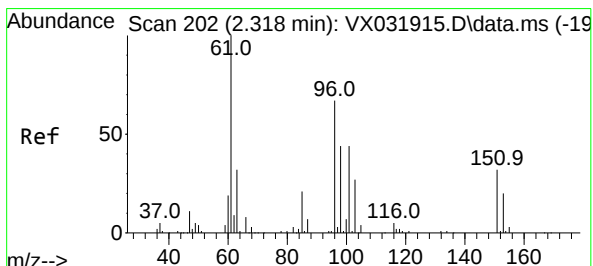
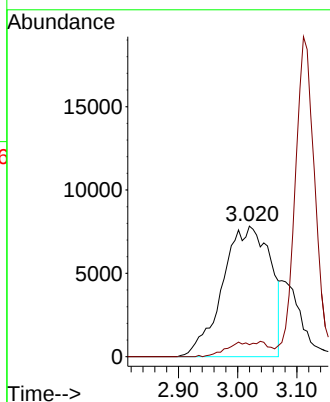
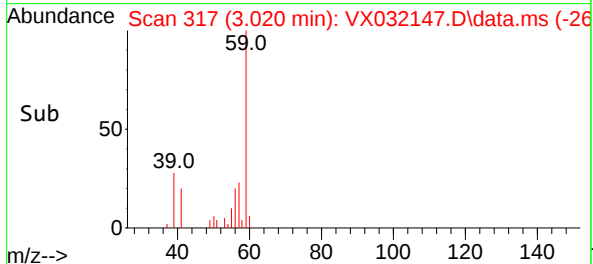
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 4398
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.2

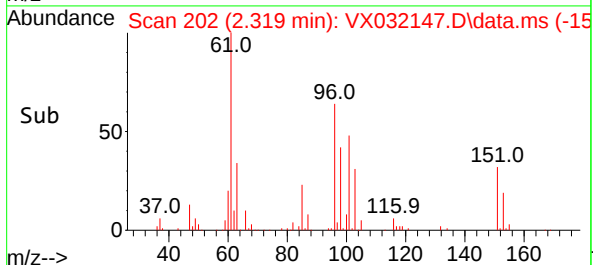
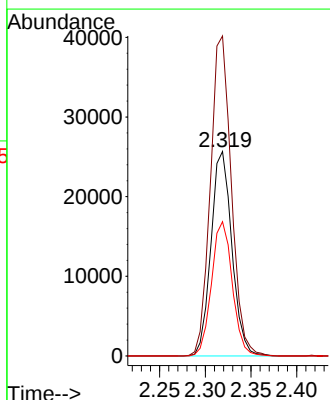
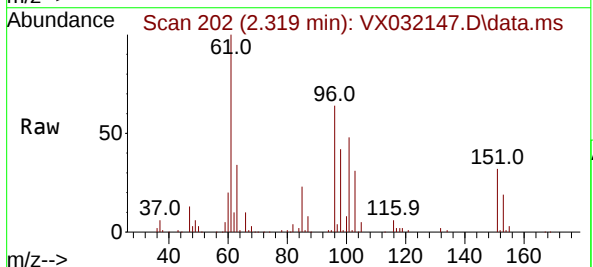
Manual Integrations
APPROVED

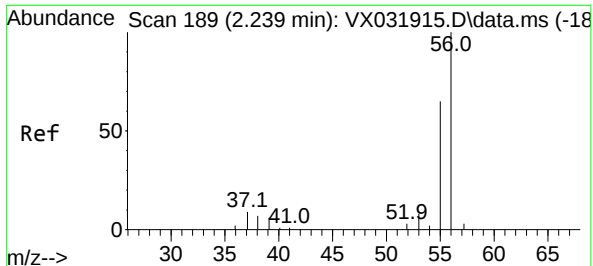
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#12
1,1-Dichloroethene
Concen: 37.456 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

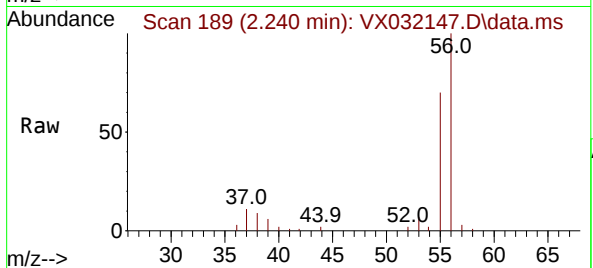
Tgt Ion: 96 Resp: 40828
Ion Ratio Lower Upper
96 100
61 156.4 135.3 202.9
98 65.7 49.4 74.2





#13
Acrolein
Concen: 250.737 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

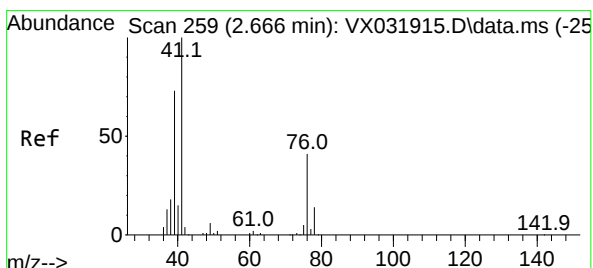
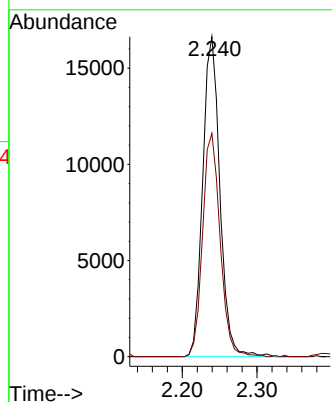
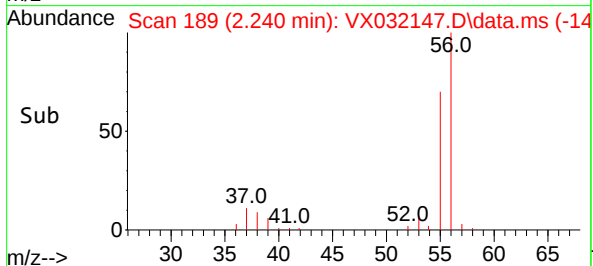
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2657
Ion Ratio Lower Upper
56 100
55 71.0 56.0 84.0

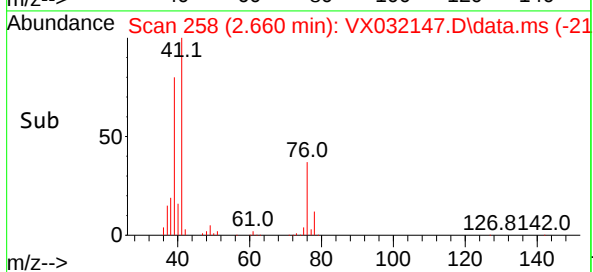
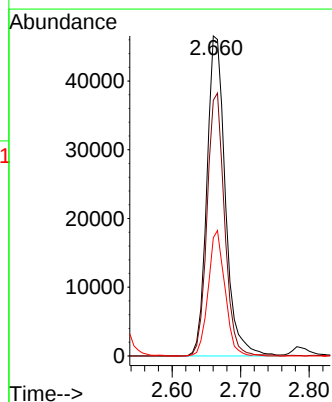
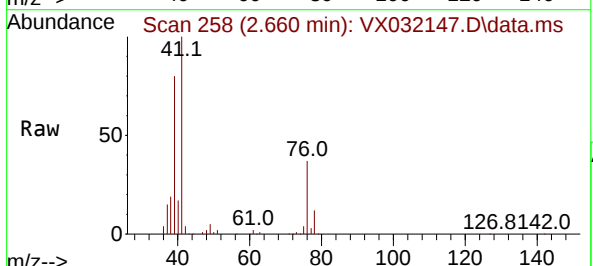
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#14
Allyl chloride
Concen: 56.459 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

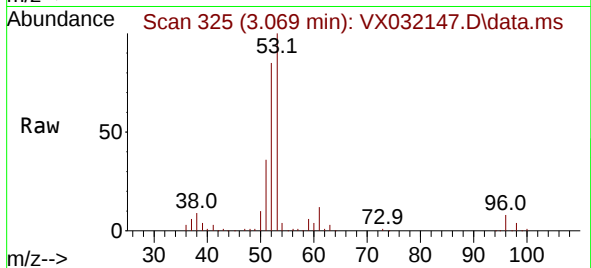
Tgt Ion: 41 Resp: 87568
Ion Ratio Lower Upper
41 100
39 77.2 58.2 87.4
76 35.4 26.9 40.3





#15
Acrylonitrile
Concen: 262.197 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

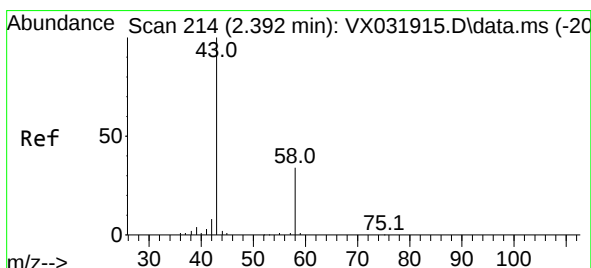
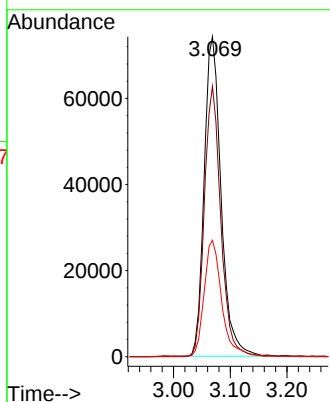
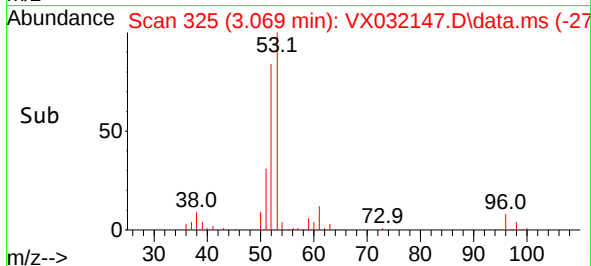
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 153692
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 38.0 30.0 45.0

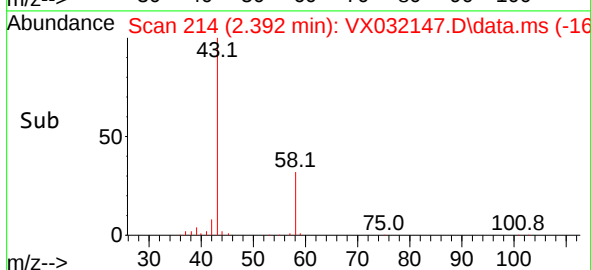
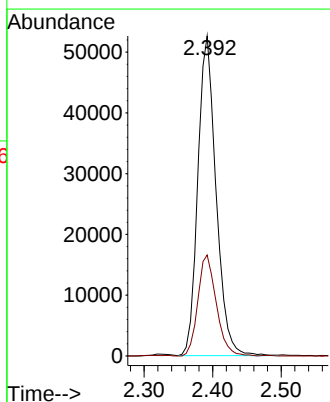
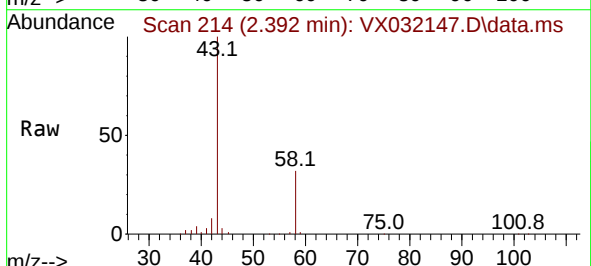
Manual Integrations
APPROVED

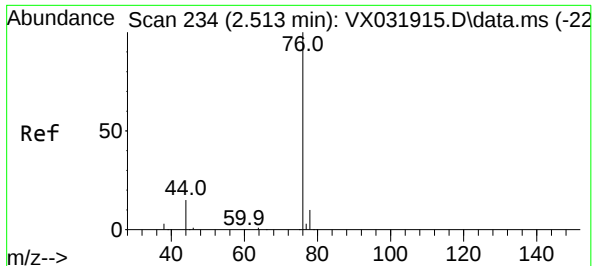
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#16
Acetone
Concen: 193.803 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 43 Resp: 97344
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.8





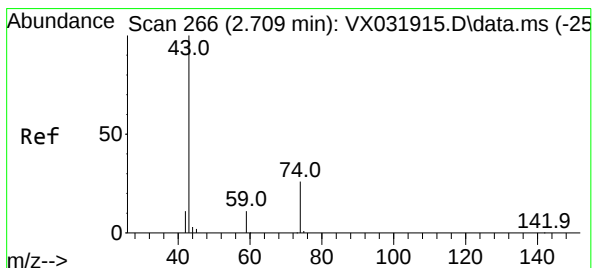
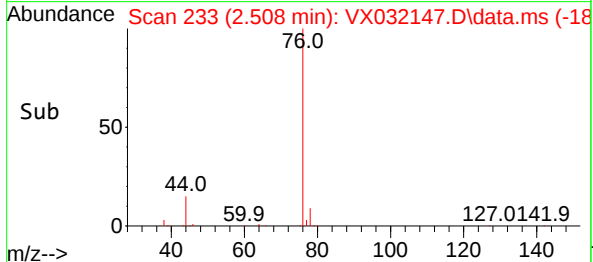
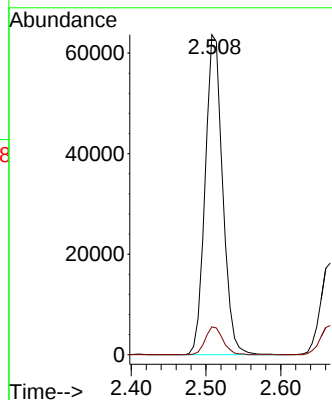
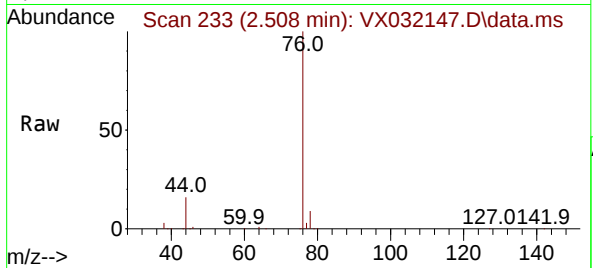
#17
Carbon Disulfide
Concen: 44.104 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 10323
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

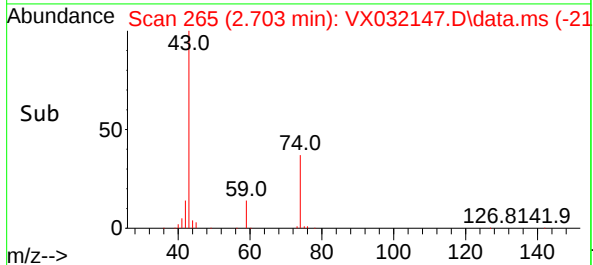
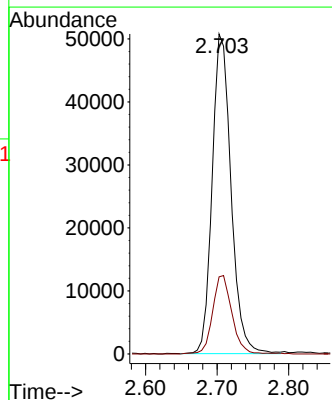
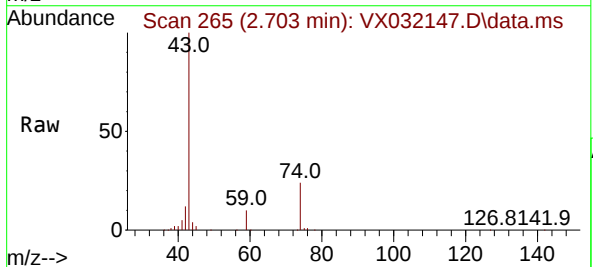
Manual Integrations
APPROVED

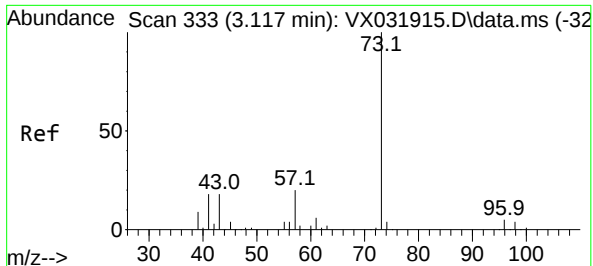
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#18
Methyl Acetate
Concen: 56.010 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 43 Resp: 92825
Ion Ratio Lower Upper
43 100
74 25.2 18.6 27.8





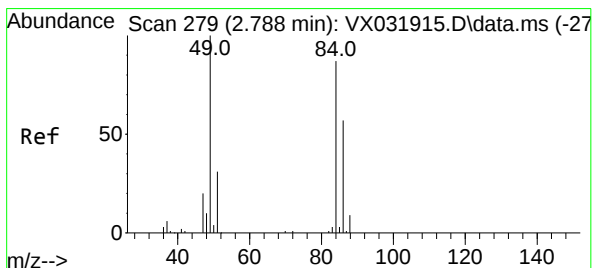
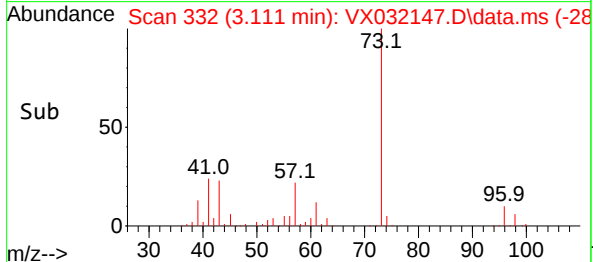
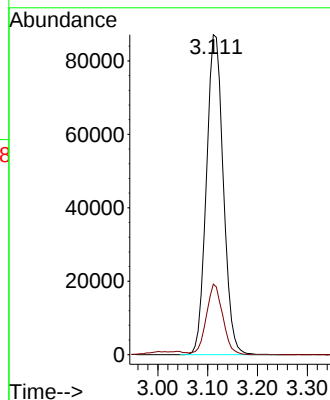
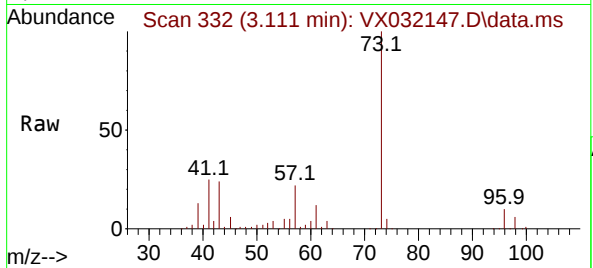
#19
Methyl tert-butyl Ether
Concen: 56.136 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 205336
Ion Ratio Lower Upper
73 100
57 22.0 17.2 25.8

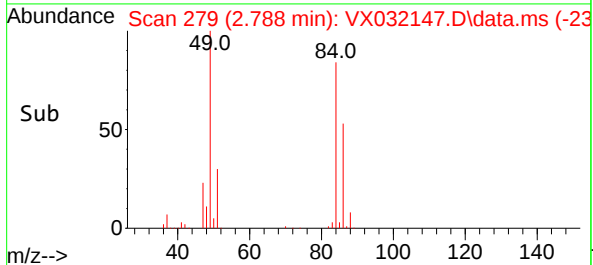
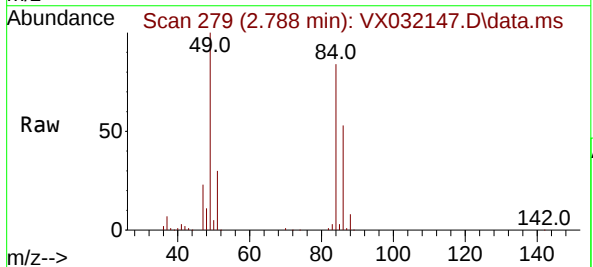
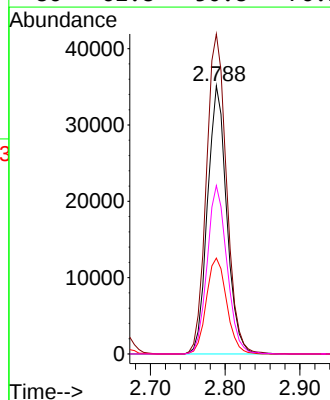
Manual Integrations
APPROVED

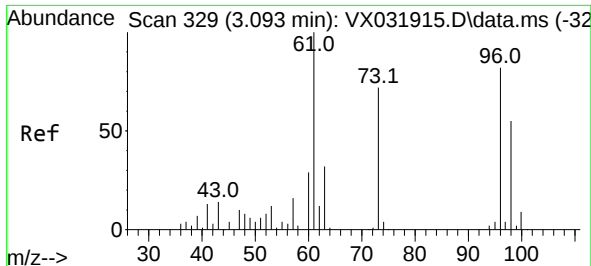
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#20
Methylene Chloride
Concen: 47.404 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

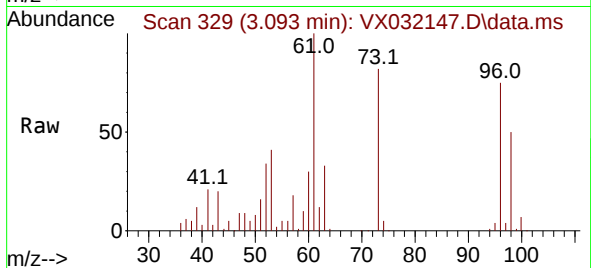
Tgt Ion: 84 Resp: 62570
Ion Ratio Lower Upper
84 100
49 119.3 105.9 158.9
51 35.8 32.2 48.2
86 62.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.629 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

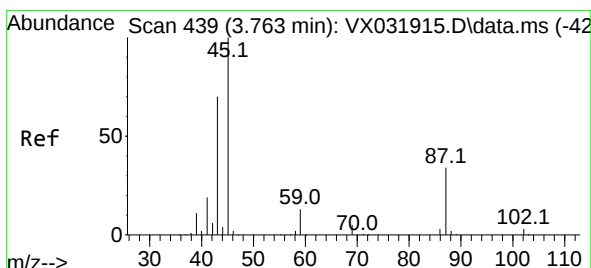
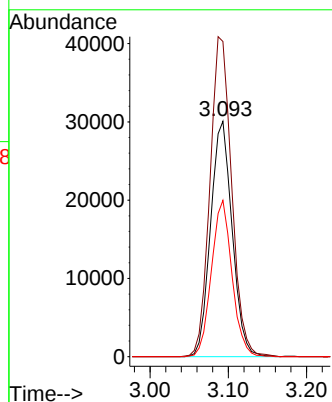
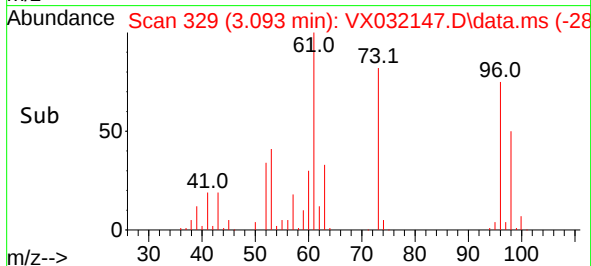
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



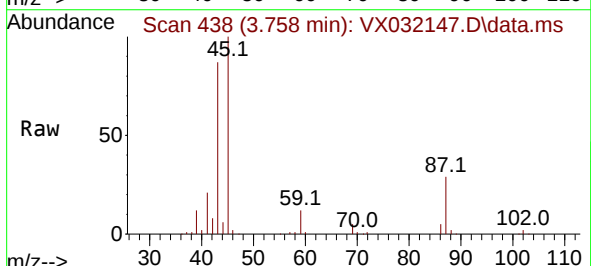
Tgt Ion: 96 Resp: 57494
Ion Ratio Lower Upper
96 100
61 133.9 106.7 160.1
98 66.4 48.7 73.1

Manual Integrations
APPROVED

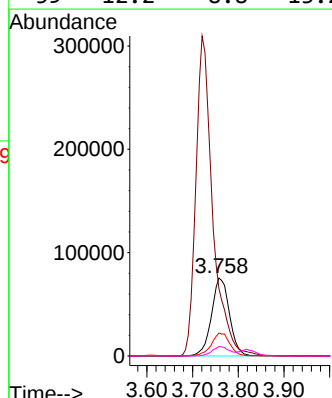
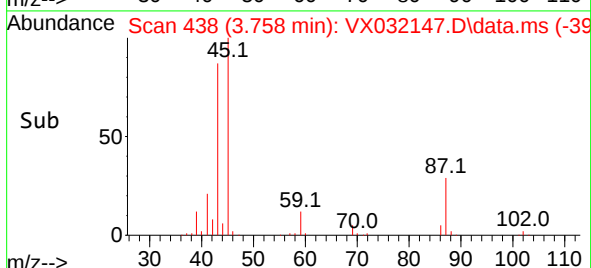
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

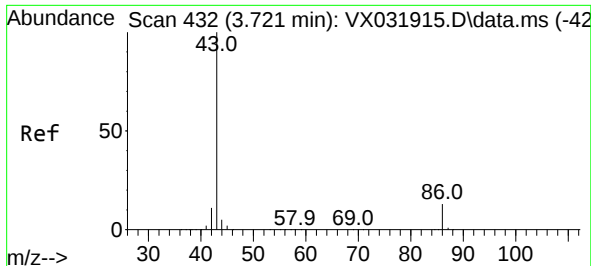


#22
Diisopropyl ether
Concen: 59.064 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.005 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion: 45 Resp: 205941
Ion Ratio Lower Upper
45 100
43 86.4 59.0 88.6
87 29.4 22.6 33.8
59 12.2 8.8 13.2





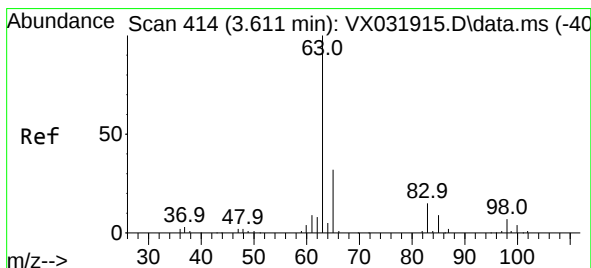
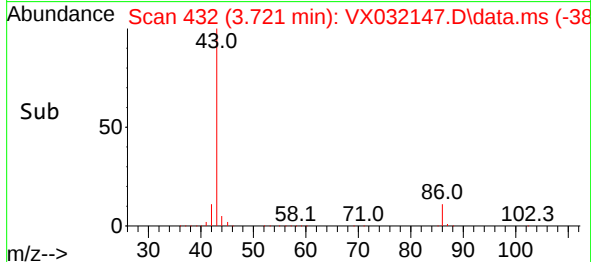
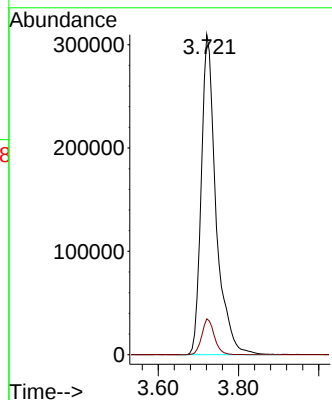
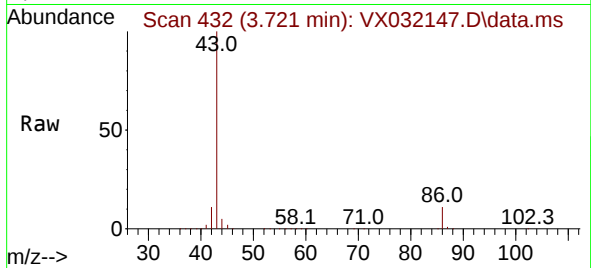
#23
 Vinyl Acetate
 Concen: 304.038 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 79240
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.7 13.1

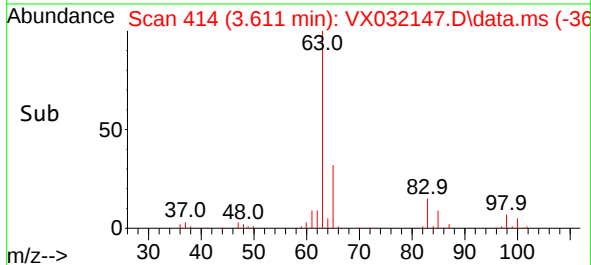
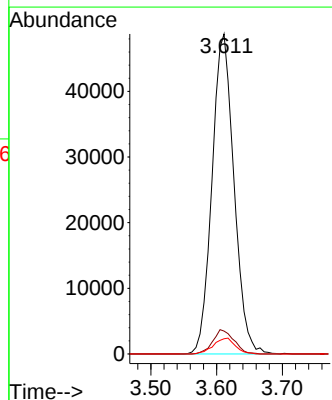
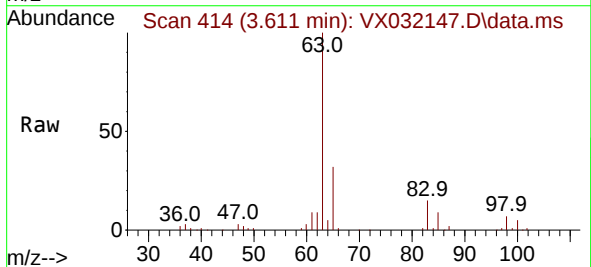
Manual Integrations
 APPROVED

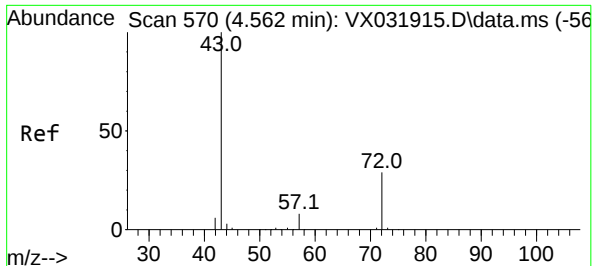
Reviewed By :John Carlone 10/17/2022
 Supervised By :Mahesh Dadoda 10/17/2022



#24
 1,1-Dichloroethane
 Concen: 54.183 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06

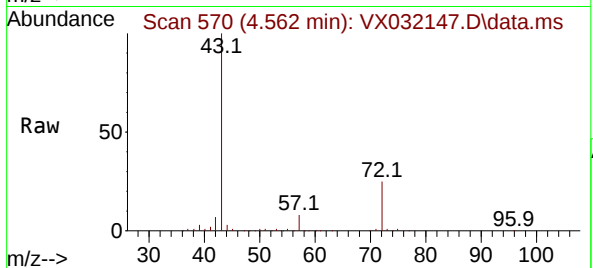
Tgt Ion: 63 Resp: 113248
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 273.043 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

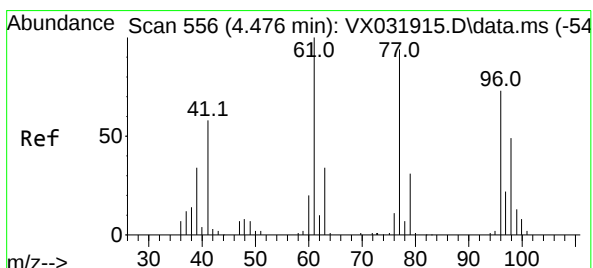
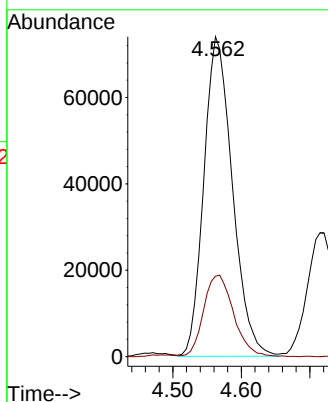
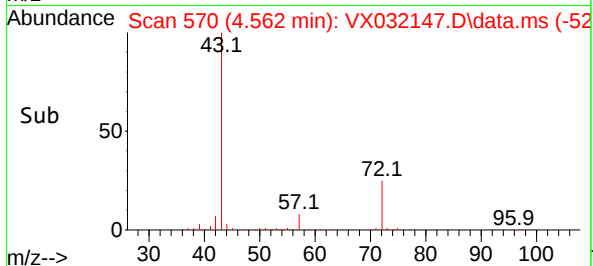
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 214389
Ion Ratio Lower Upper
43 100
72 25.1 21.1 31.7

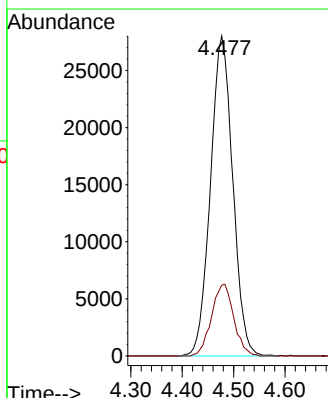
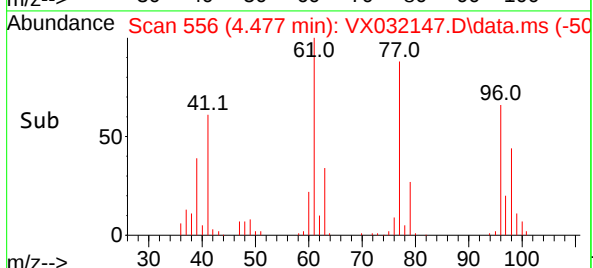
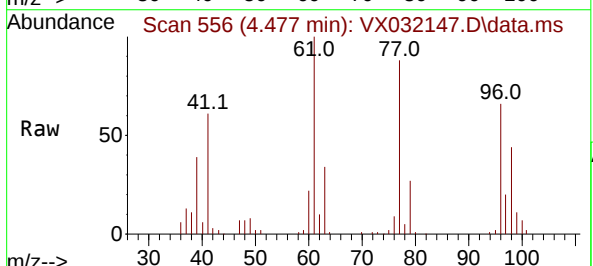
Manual Integrations
APPROVED

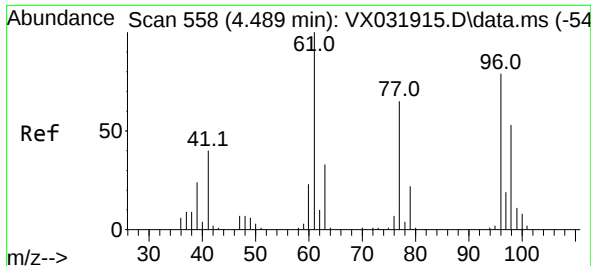
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#26
2,2-Dichloropropane
Concen: 56.172 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 77 Resp: 84329
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 50.598 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7308

Ion Ratio Lower Upper

96 100

61 144.1 0.0 305.2

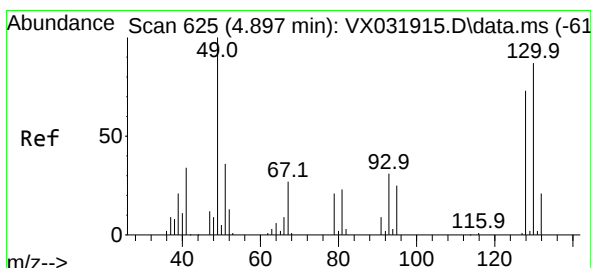
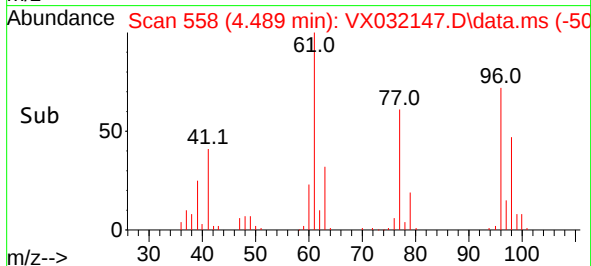
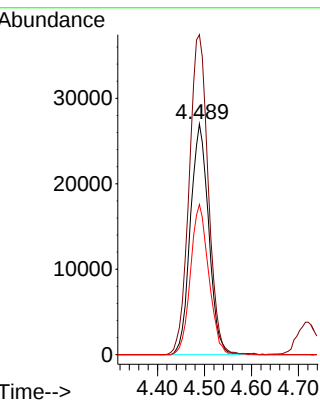
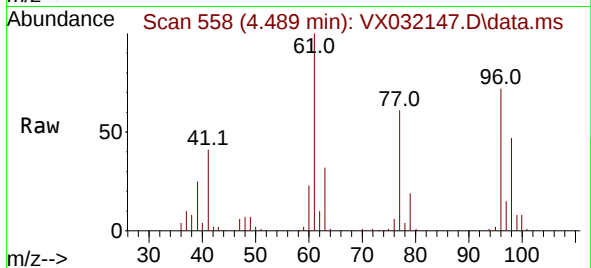
98 64.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#28

Bromochloromethane

Concen: 56.203 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

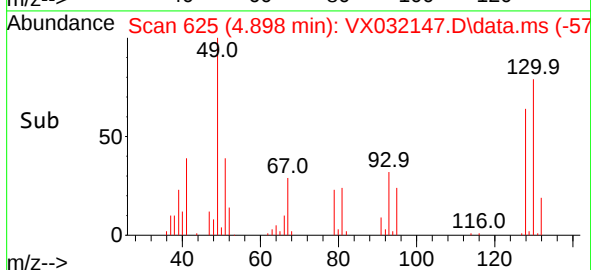
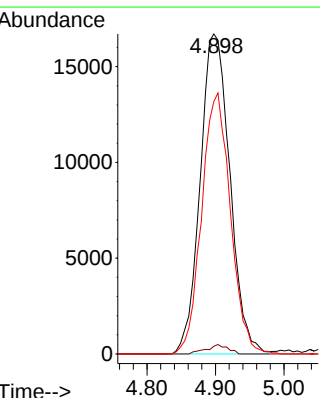
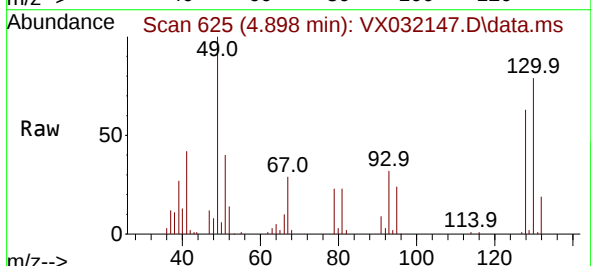
Tgt Ion: 49 Resp: 50280

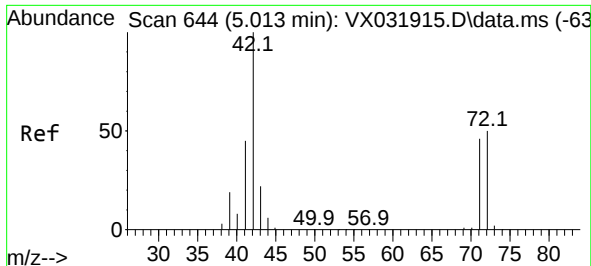
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 78.8 59.0 88.4





#29

Tetrahydrofuran

Concen: 265.401 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

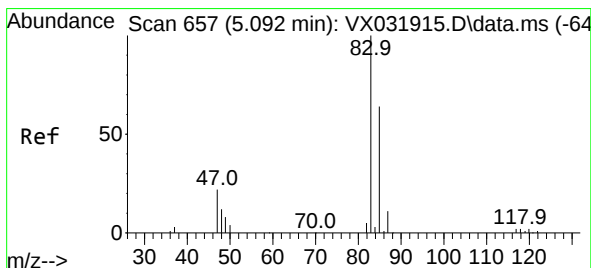
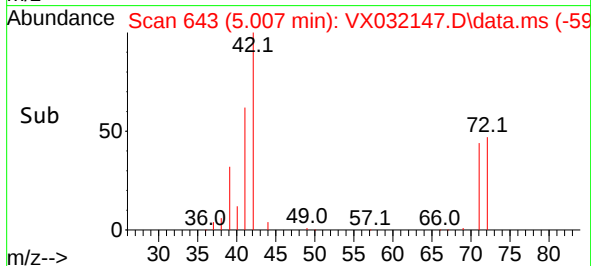
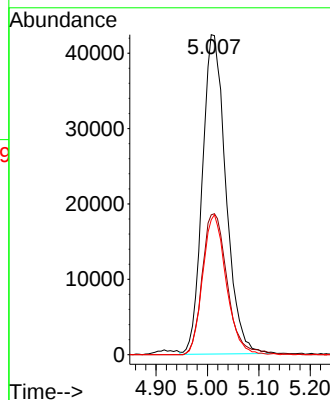
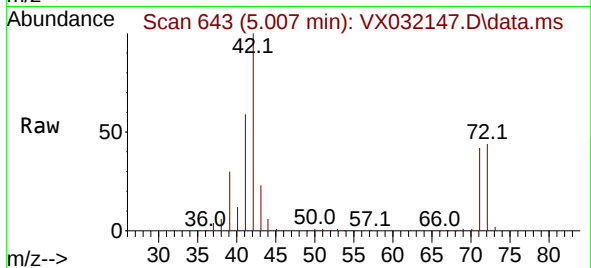
Tgt Ion:	42	Resp:	13445
Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.4	54.6
71	43.8	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#30

Chloroform

Concen: 56.901 ug/l

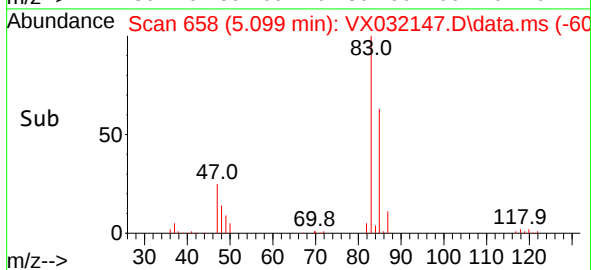
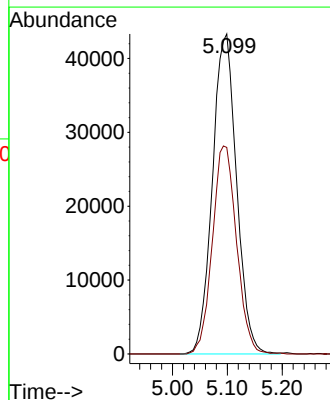
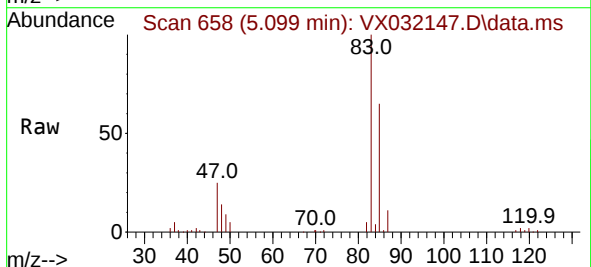
RT: 5.099 min Scan# 658

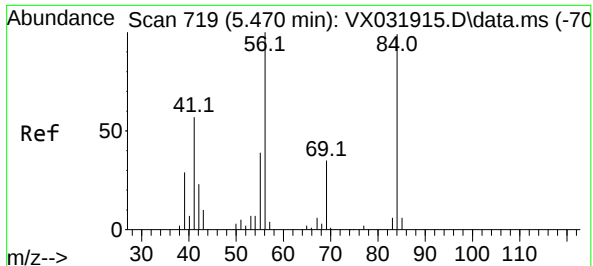
Delta R.T. 0.007 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

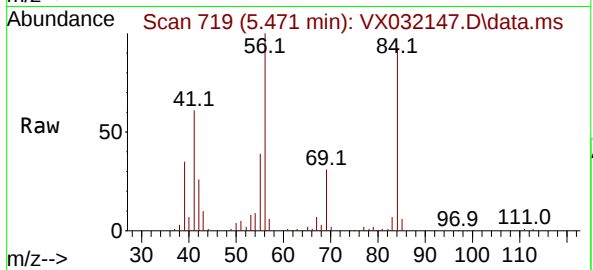
Tgt Ion:	83	Resp:	132471
Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2





#31
Cyclohexane
Concen: 51.108 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

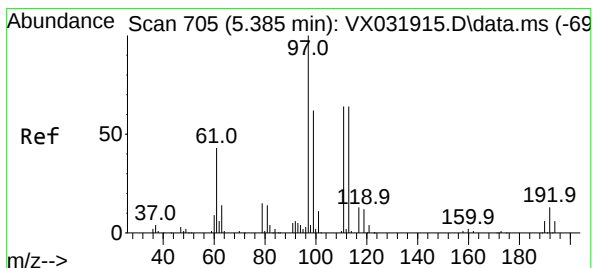
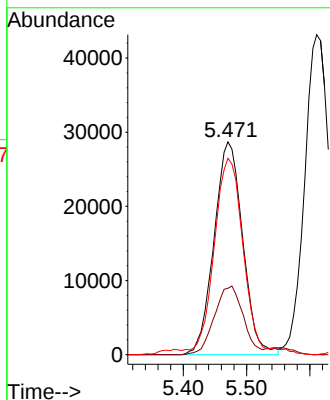
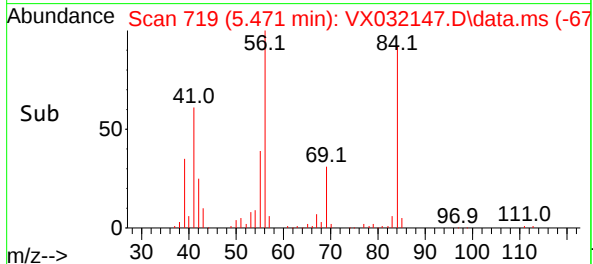
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



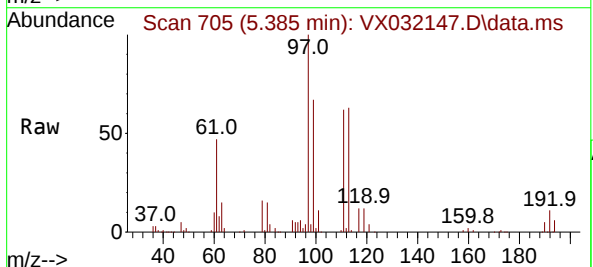
Tgt Ion: 56 Resp: 90234
Ion Ratio Lower Upper
56 100
69 31.2 25.1 37.7
84 90.0 70.2 105.4

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APPROVED

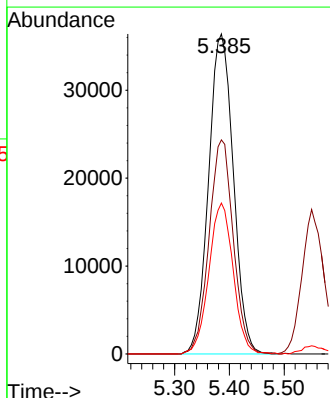
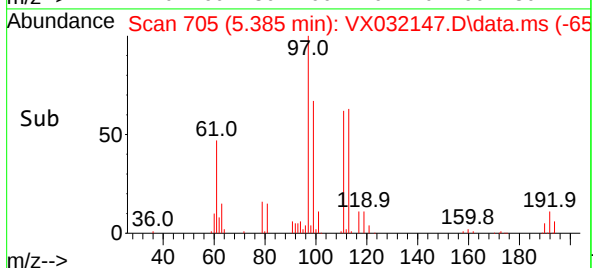
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

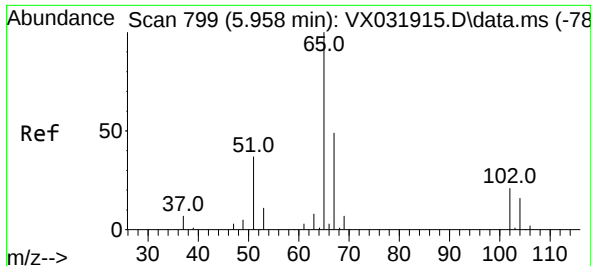


#32
1,1,1-Trichloroethane
Concen: 57.808 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion: 97 Resp: 114366
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 46.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 58.851 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86970

Ion Ratio Lower Upper

65 100

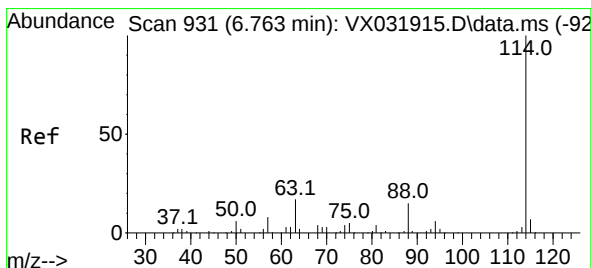
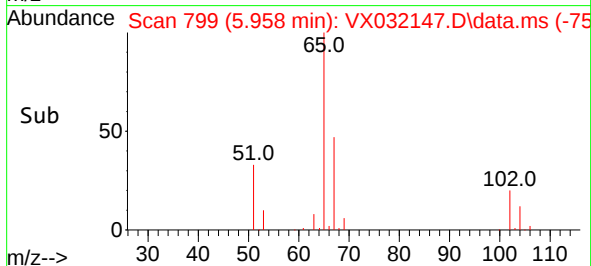
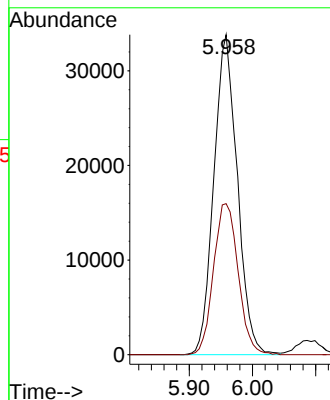
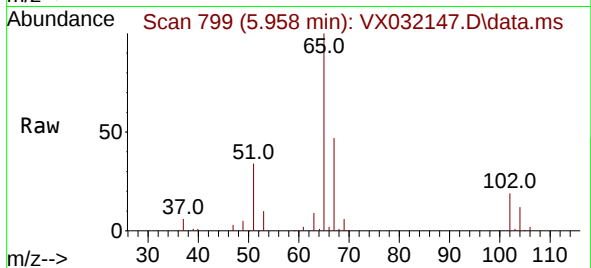
67 49.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

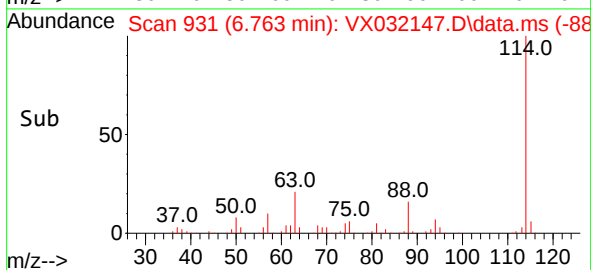
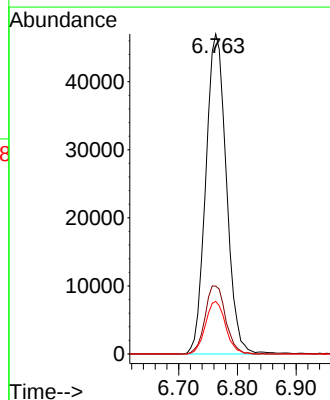
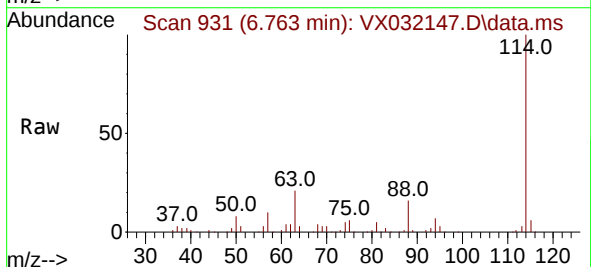
Tgt Ion:114 Resp: 114299

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.025 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 66010

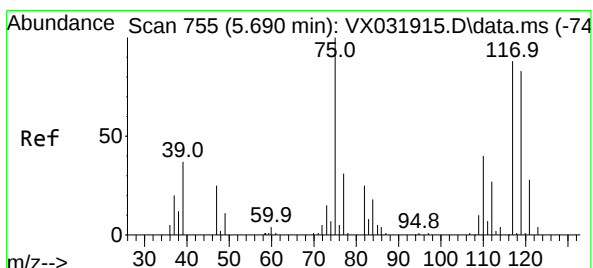
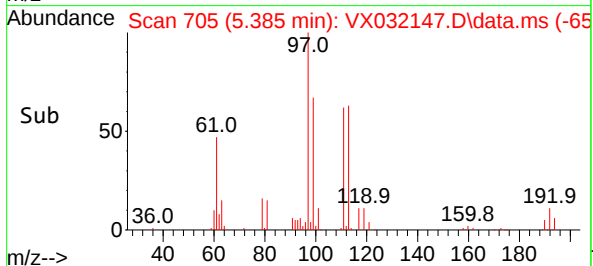
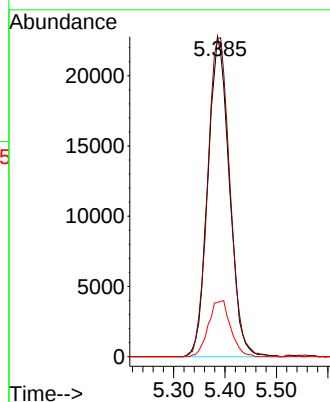
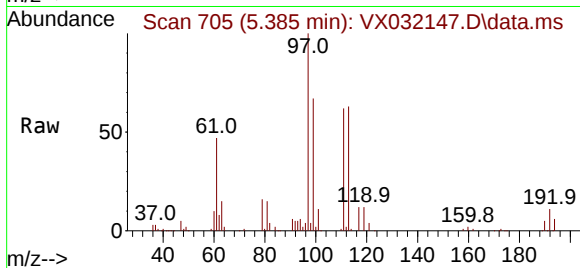
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	18.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#36

1,1-Dichloropropene

Concen: 51.528 ug/l

RT: 5.690 min Scan# 755

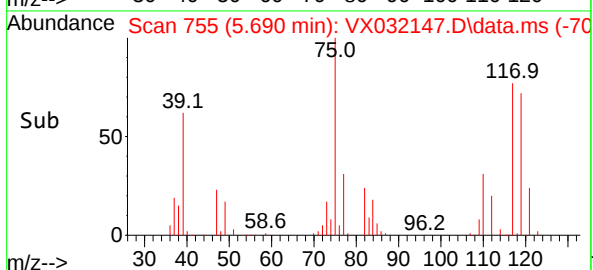
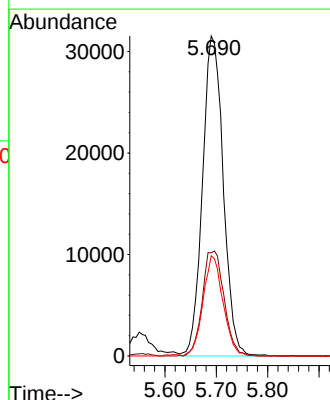
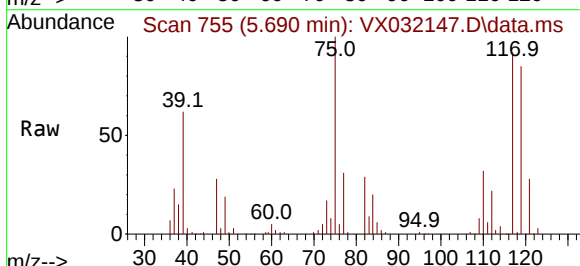
Delta R.T. 0.000 min

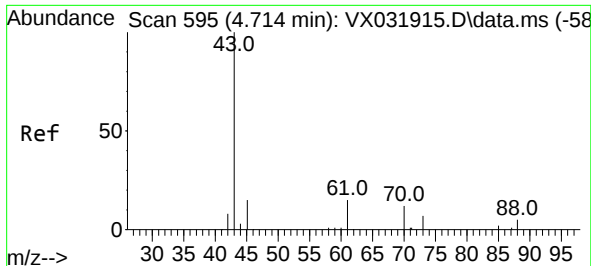
Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Tgt Ion: 75 Resp: 88404

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.5	52.5
77	30.2	24.9	37.3





#37

Ethyl Acetate

Concen: 53.191 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 8591

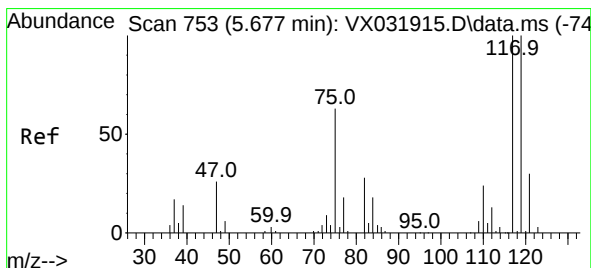
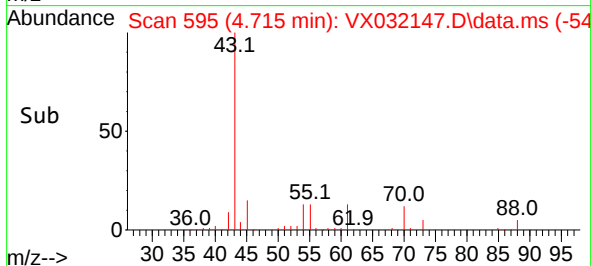
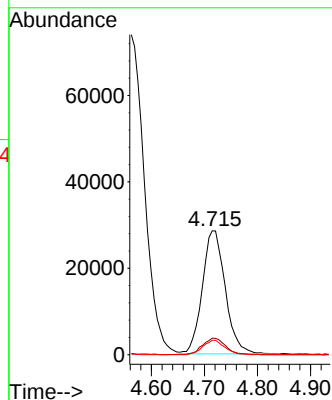
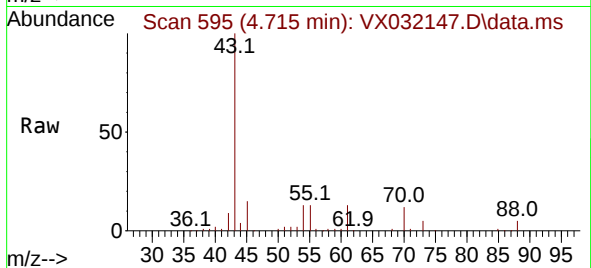
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#38

Carbon Tetrachloride

Concen: 56.943 ug/l

RT: 5.678 min Scan# 753

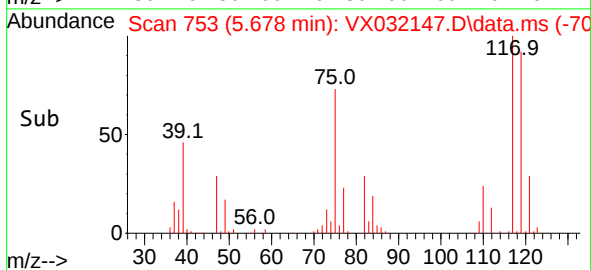
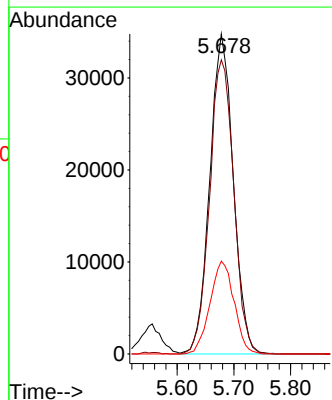
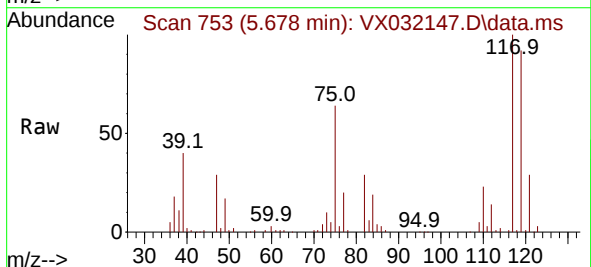
Delta R.T. 0.001 min

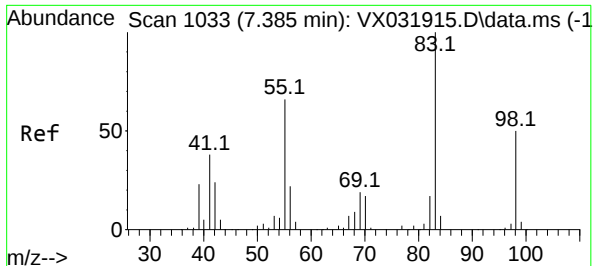
Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Tgt Ion: 117 Resp: 99890

Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.6	112.0
121	29.0	25.3	37.9





#39

Methylcyclohexane

Concen: 48.638 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 9953

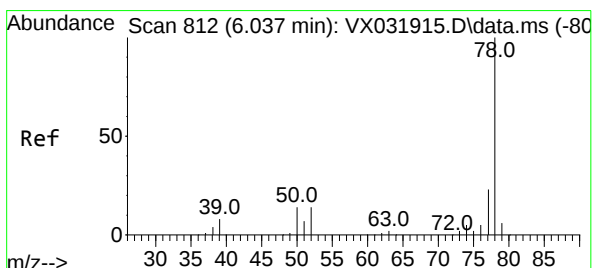
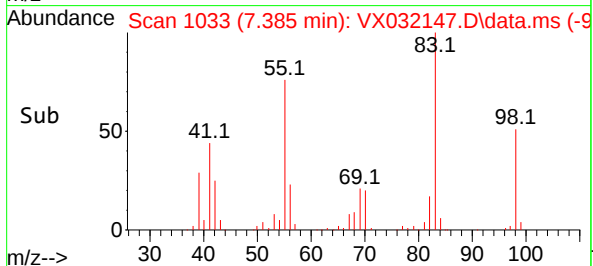
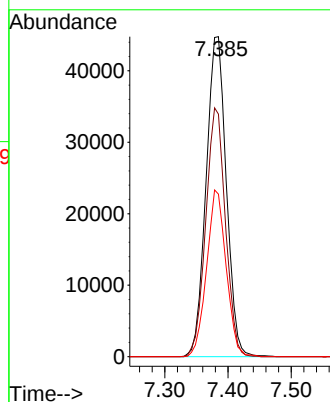
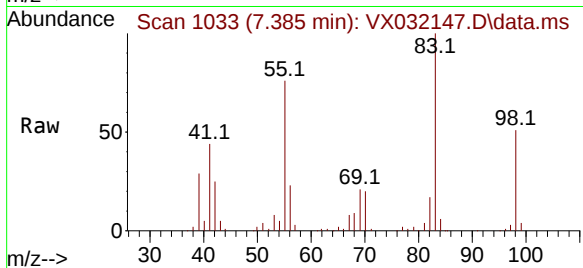
Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.0	91.4
98	50.8	37.7	56.5

Manual Integrations

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Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#40

Benzene

Concen: 50.244 ug/l

RT: 6.038 min Scan# 812

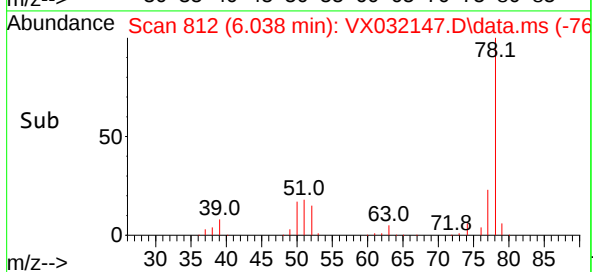
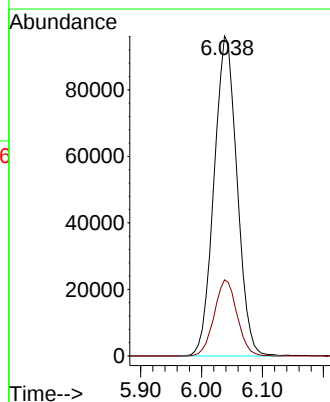
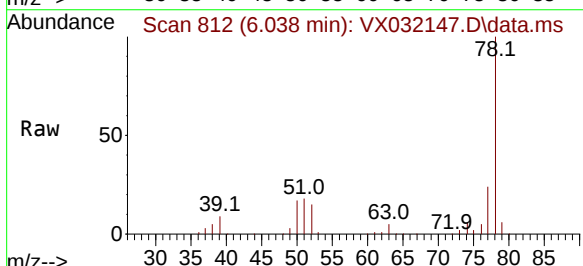
Delta R.T. 0.001 min

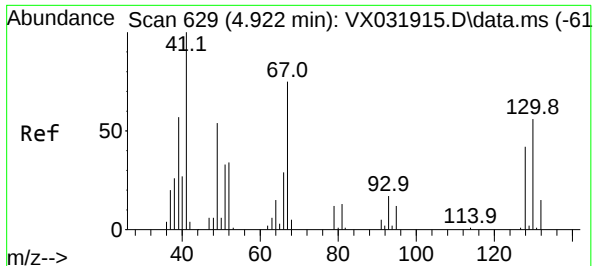
Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Tgt Ion: 78 Resp: 252418

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.7	28.1





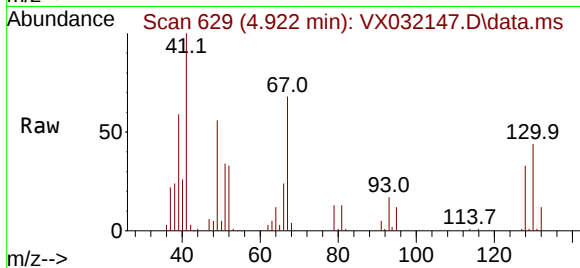
#41
Methacrylonitrile
Concen: 59.189 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



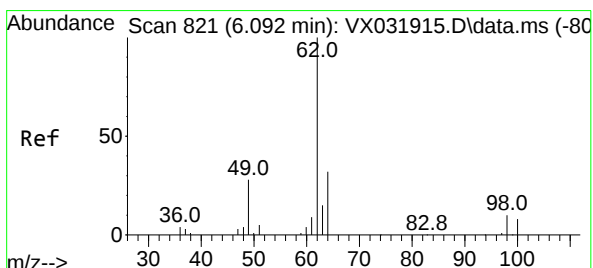
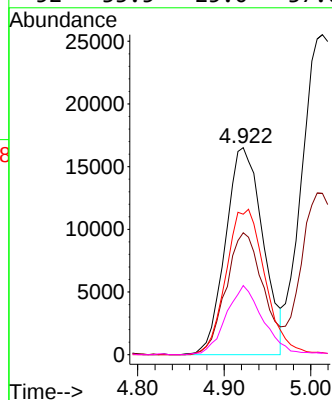
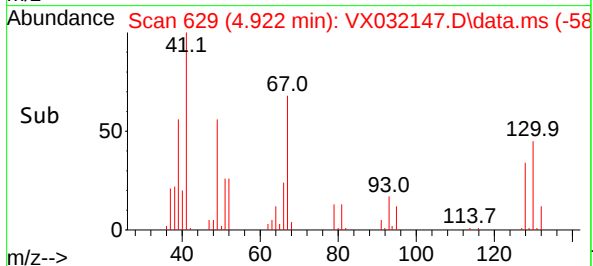
Tgt Ion: 41 Resp: 49714
Ion Ratio Lower Upper
41 100
39 58.4 45.0 67.6
67 73.5 58.2 87.4
52 33.5 25.0 37.6

Manual Integrations

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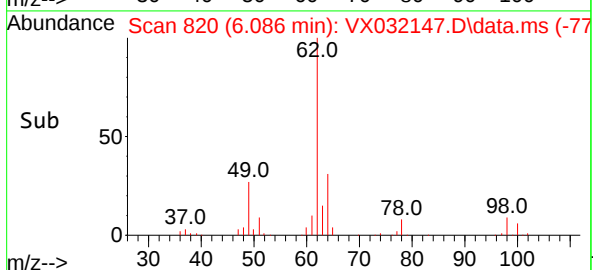
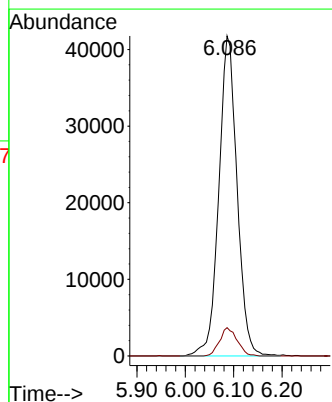
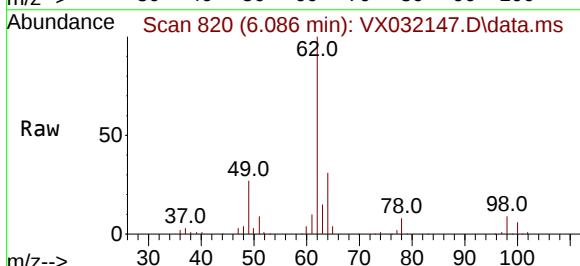
Reviewed By :John Carlone 10/17/2022

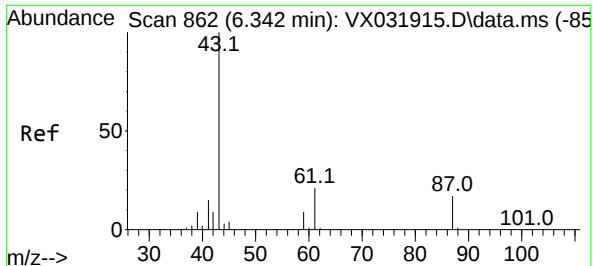
Supervised By :Mahesh Dadoda 10/17/2022



#42
1,2-Dichloroethane
Concen: 59.813 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

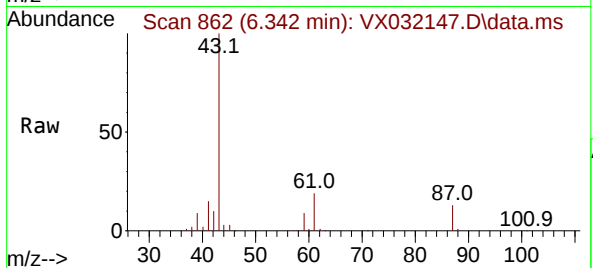
Tgt Ion: 62 Resp: 109498
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 59.514 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

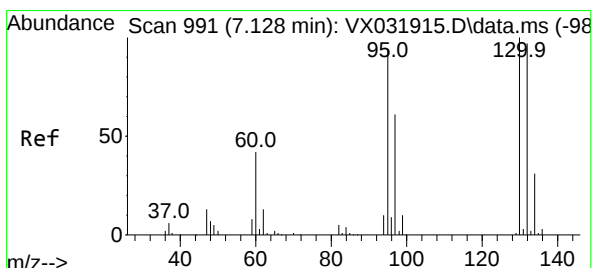
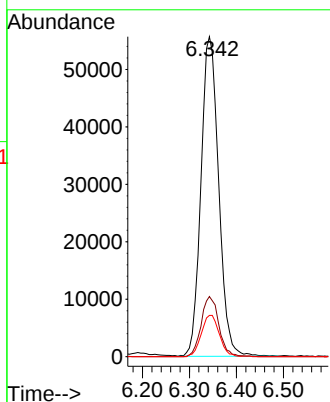
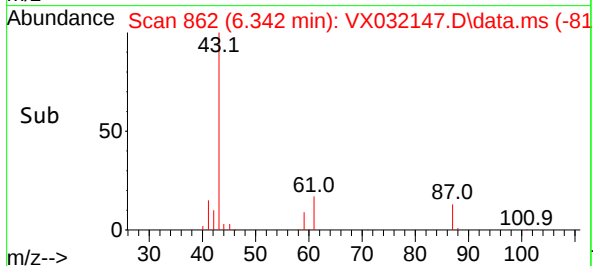
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



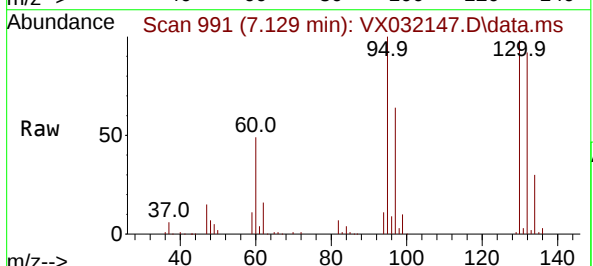
Tgt Ion: 43 Resp: 14584
Ion Ratio Lower Upper
43 100
61 18.8 15.3 22.9
87 13.1 10.6 15.8

Manual Integrations
APPROVED

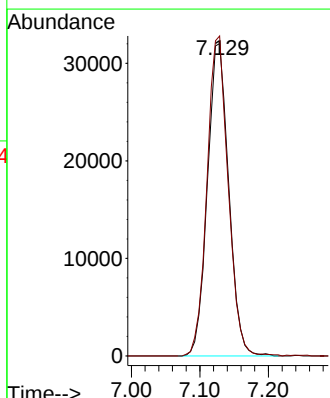
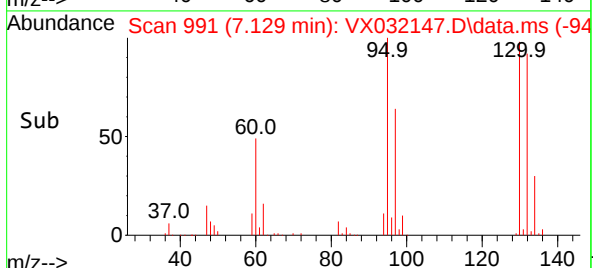
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

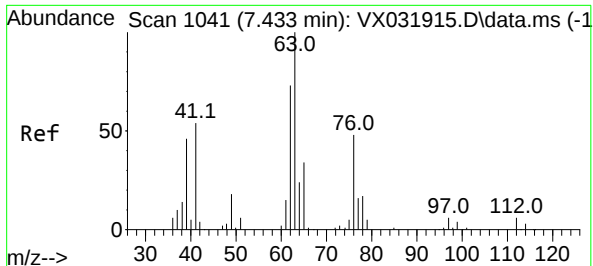


#44
Trichloroethene
Concen: 46.951 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion:130 Resp: 69161
Ion Ratio Lower Upper
130 100
95 102.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 53.447 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6598

Ion Ratio Lower Upper

63 100

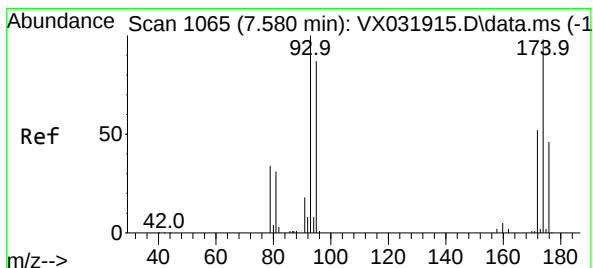
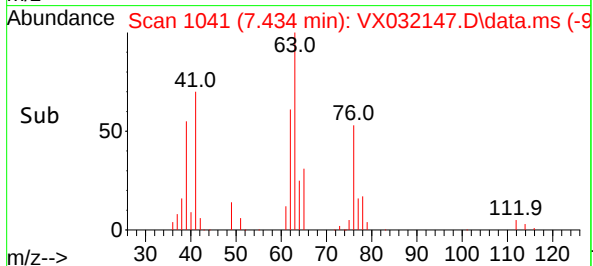
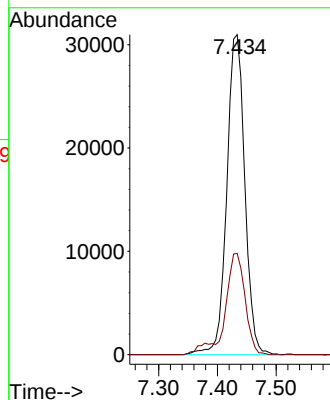
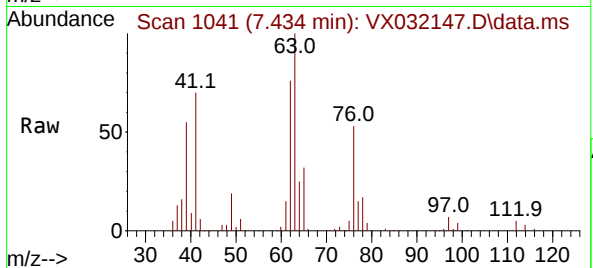
65 31.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#46

Dibromomethane

Concen: 52.707 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

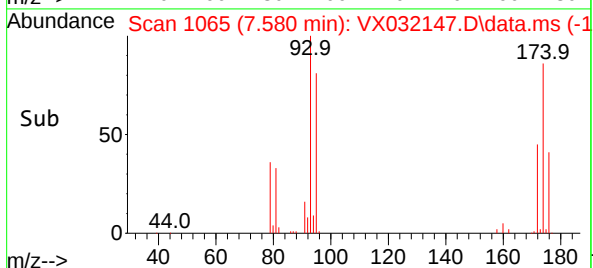
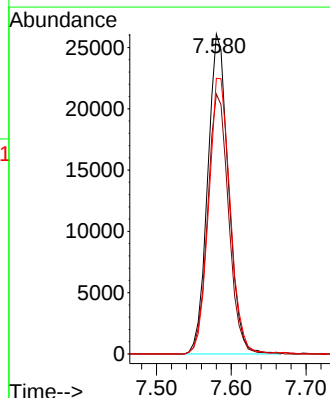
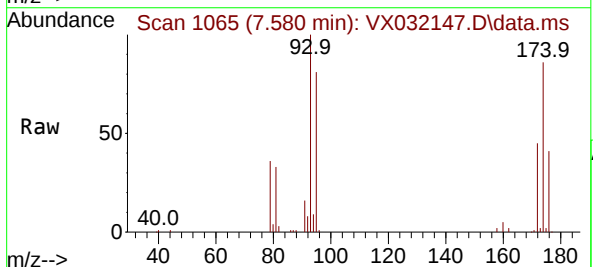
Tgt Ion: 93 Resp: 50431

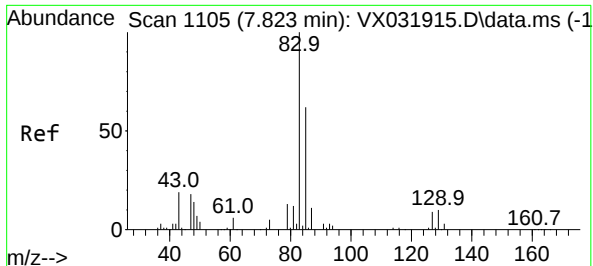
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

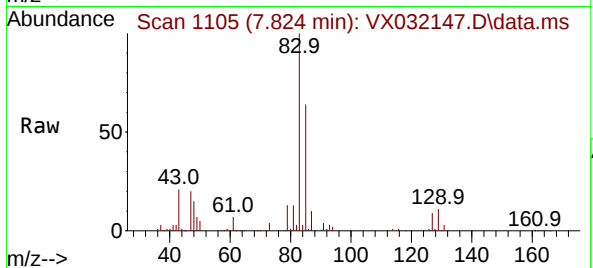
174 89.0 67.6 101.4





#47
Bromodichloromethane
Concen: 60.945 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

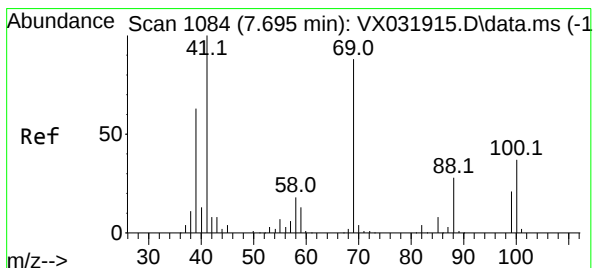
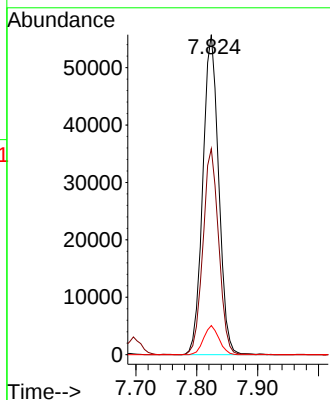
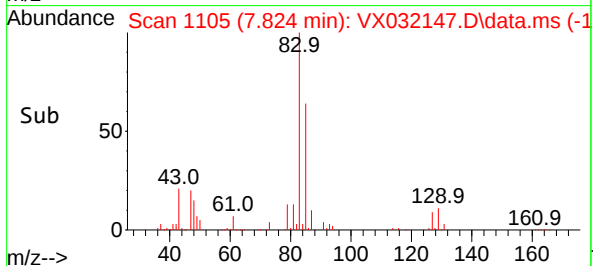
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



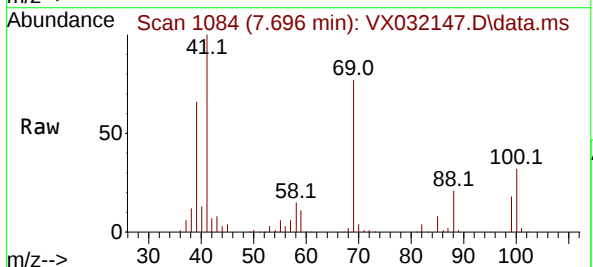
Tgt Ion: 83 Resp: 100730
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 9.1 7.0 10.6

Manual Integrations
APPROVED

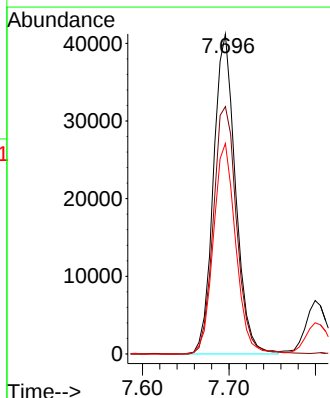
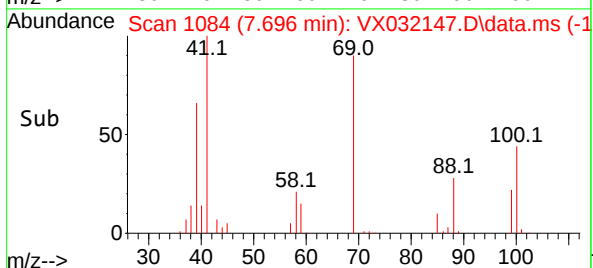
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

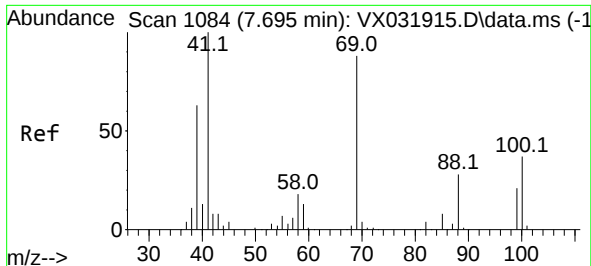


#48
Methyl methacrylate
Concen: 62.296 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion: 41 Resp: 72950
Ion Ratio Lower Upper
41 100
69 81.8 64.6 96.8
39 66.5 51.4 77.0





#49

1,4-Dioxane

Concen: 1005.330 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.007 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 2662

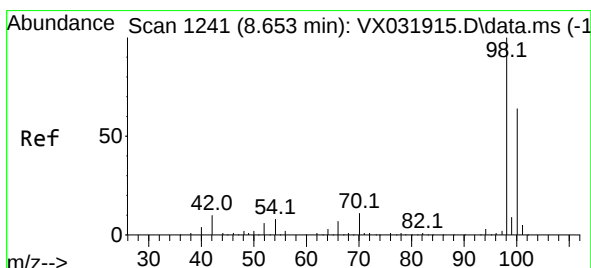
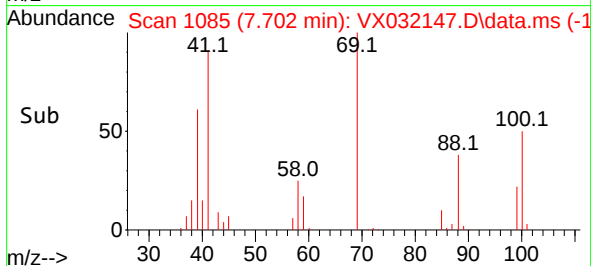
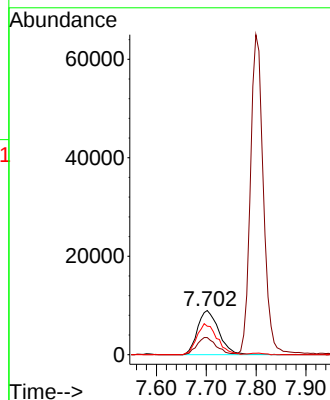
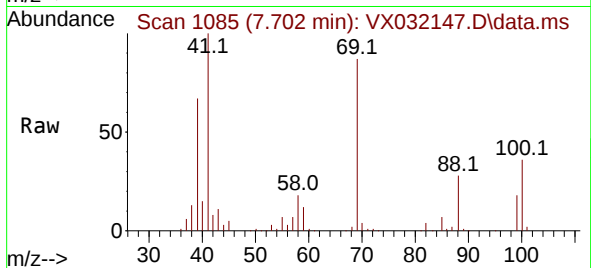
Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.1	40.7
58	66.6	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#50

Toluene-d8

Concen: 41.821 ug/l

RT: 8.647 min Scan# 1240

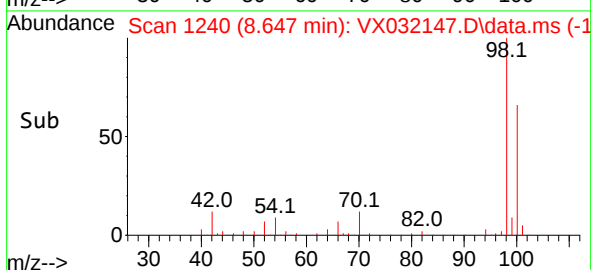
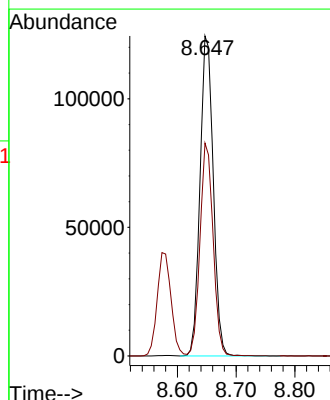
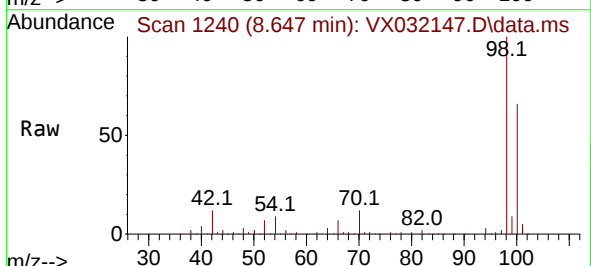
Delta R.T. -0.006 min

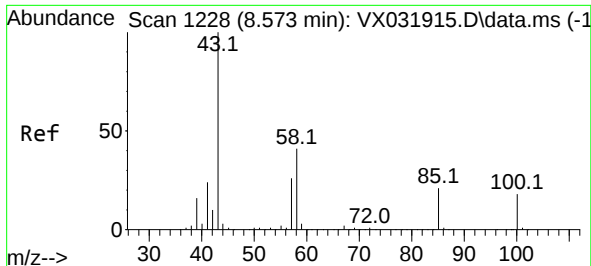
Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Tgt Ion: 98 Resp: 194698

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7





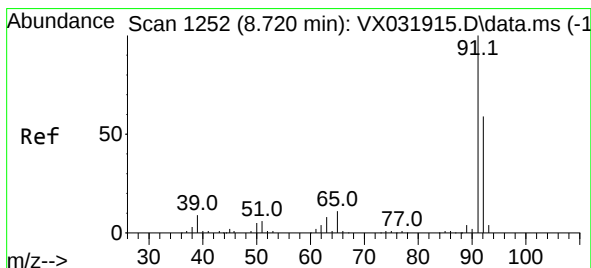
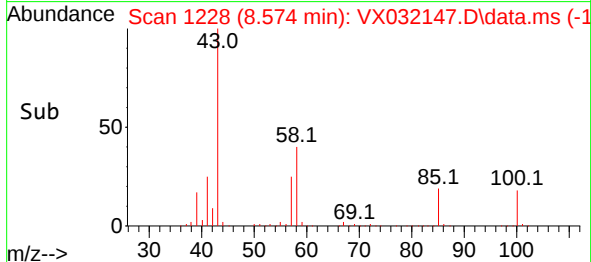
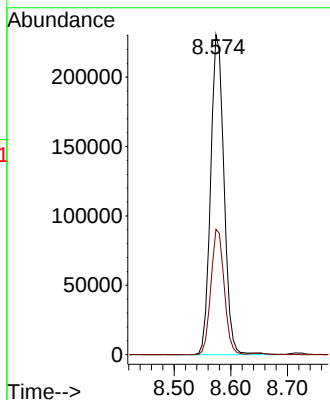
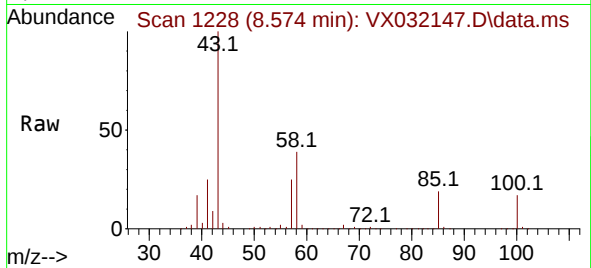
#51
4-Methyl-2-Pentanone
Concen: 232.510 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 377598
Ion Ratio Lower Upper
43 100
58 39.0 30.6 46.0

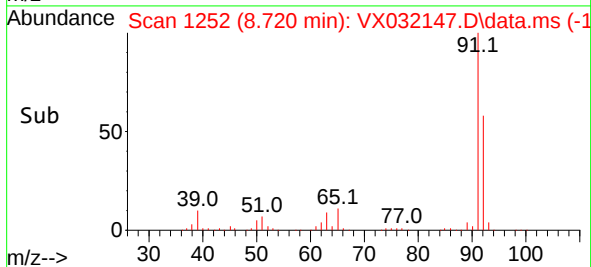
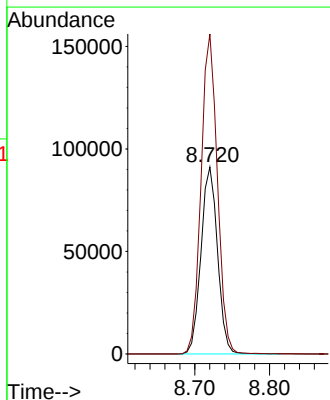
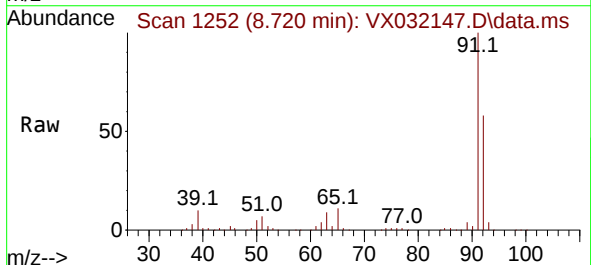
Manual Integrations
APPROVED

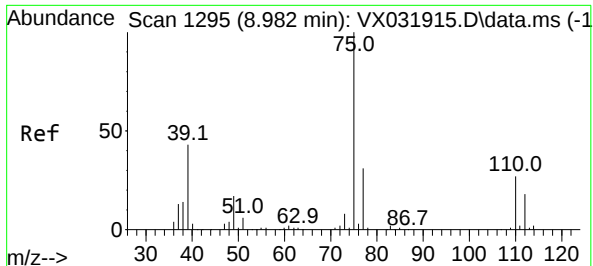
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#52
Toluene
Concen: 42.613 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 92 Resp: 139971
Ion Ratio Lower Upper
92 100
91 169.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 44.267 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7851

Ion Ratio Lower Upper

75 100

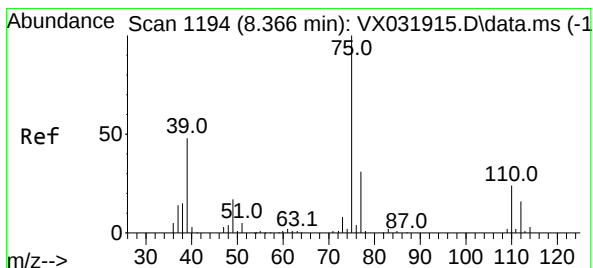
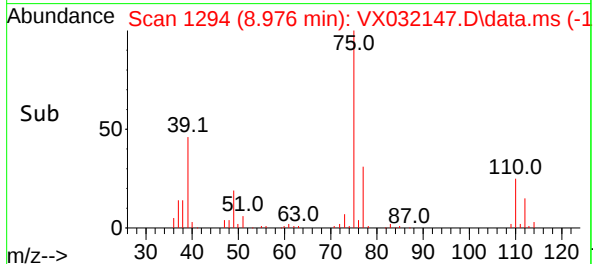
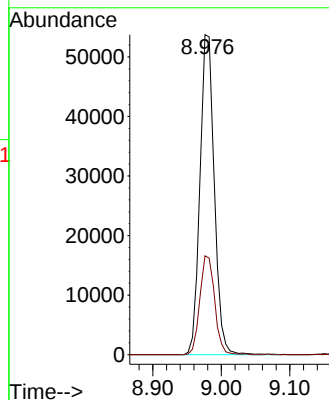
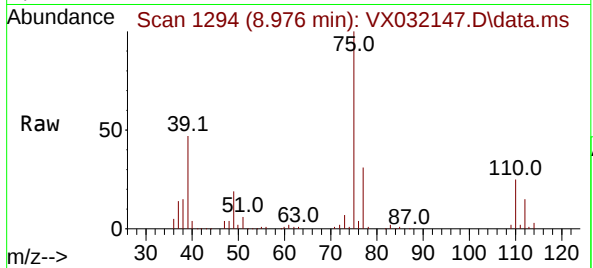
77 30.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#54

cis-1,3-Dichloropropene

Concen: 60.289 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

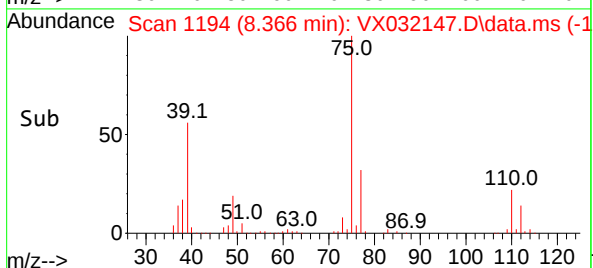
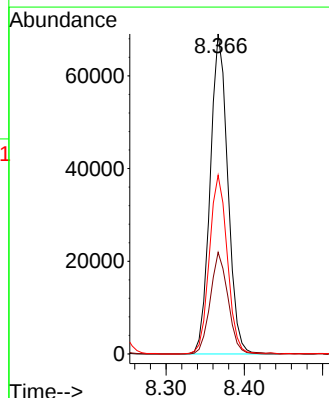
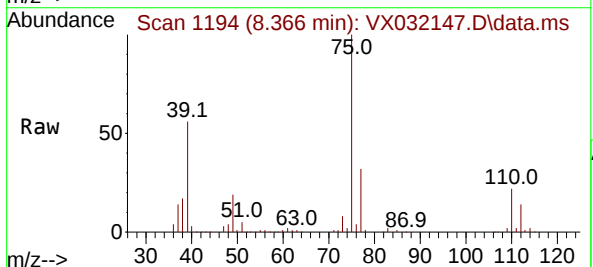
Tgt Ion: 75 Resp: 107919

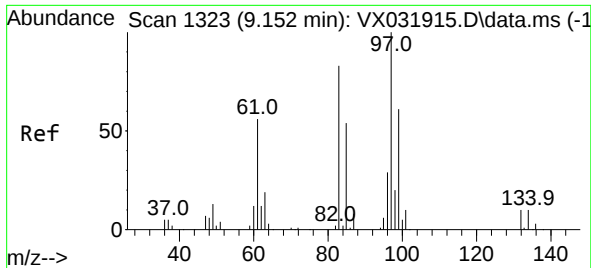
Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6

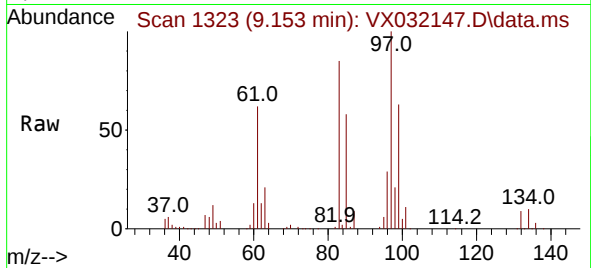
39 55.9 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 42.045 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

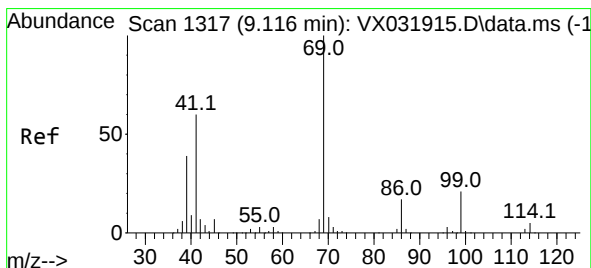
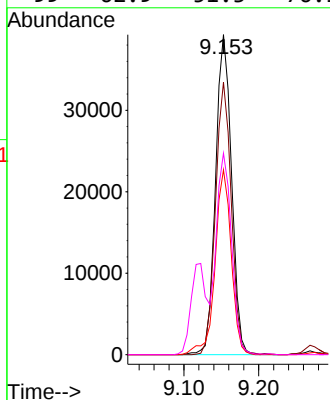
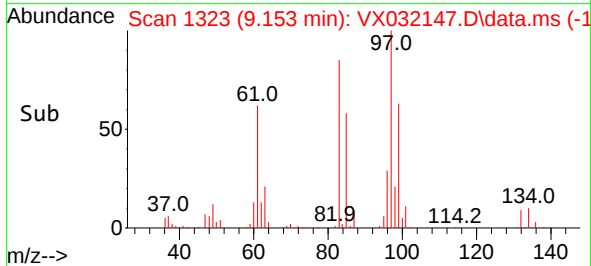
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.0	103.6
85	57.7	44.1	66.1
99	62.9	51.3	76.9

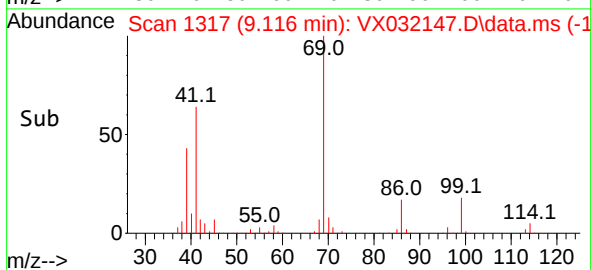
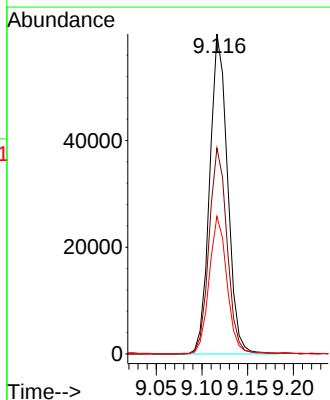
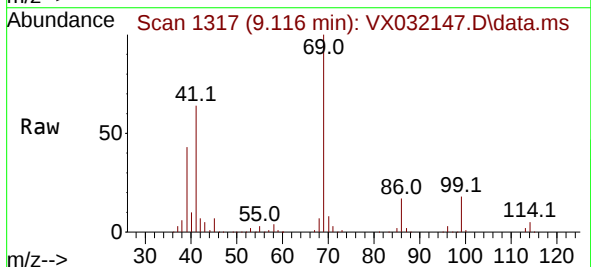
Manual Integrations
APPROVED

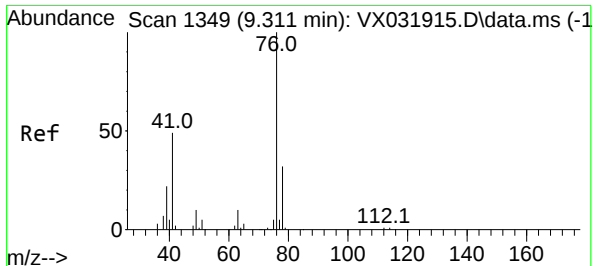
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#56
Ethyl methacrylate
Concen: 45.827 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	54.2	81.4
39	43.4	34.2	51.2





#57

1,3-Dichloropropane

Concen: 43.215 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 96275

Ion Ratio Lower Upper

76 100

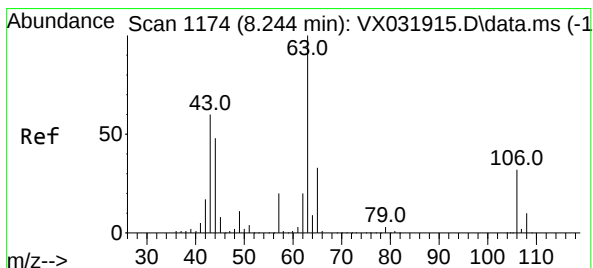
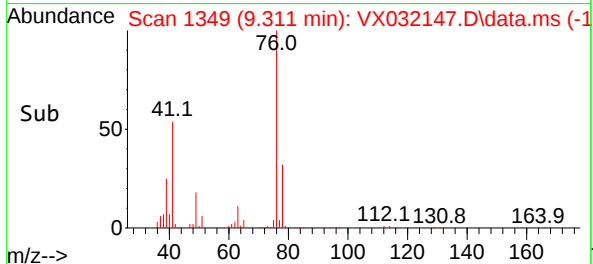
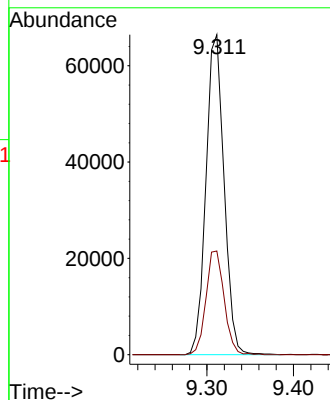
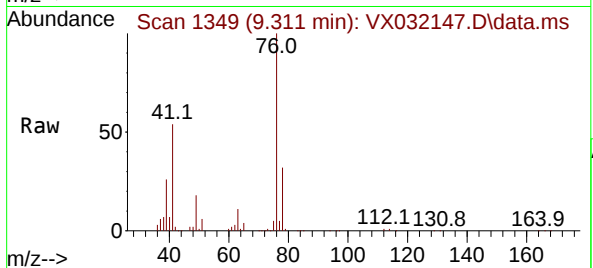
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.926 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX032147.D

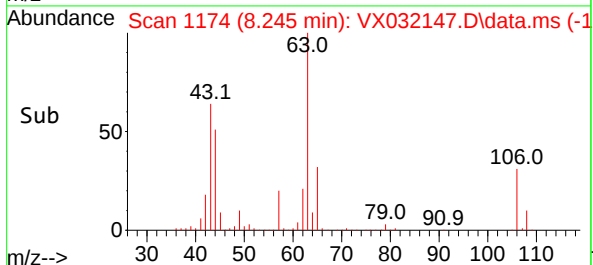
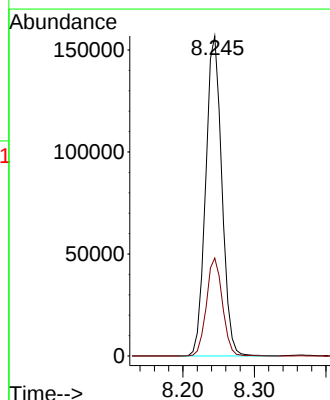
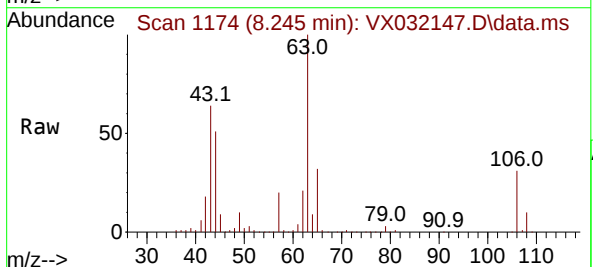
Acq: 14 Oct 2022 20:06

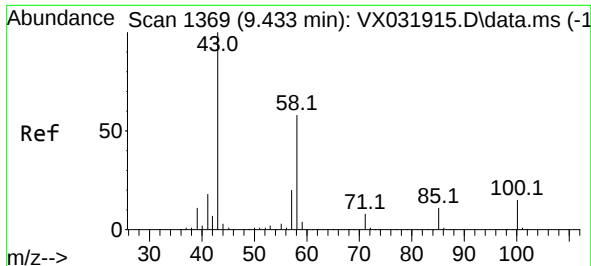
Tgt Ion: 63 Resp: 245776

Ion Ratio Lower Upper

63 100

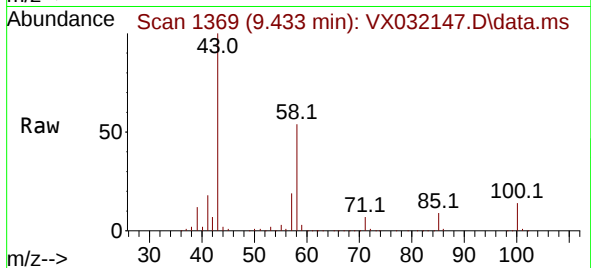
106 30.3 22.6 34.0





#59
2-Hexanone
Concen: 230.708 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

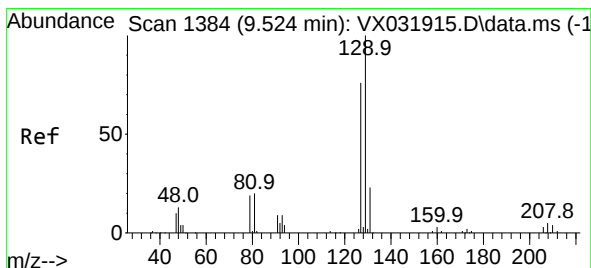
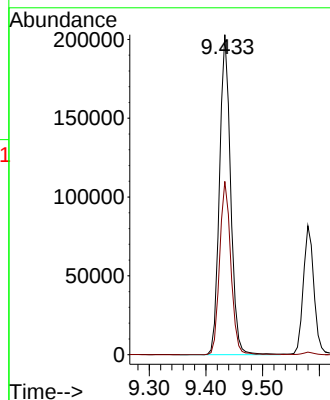
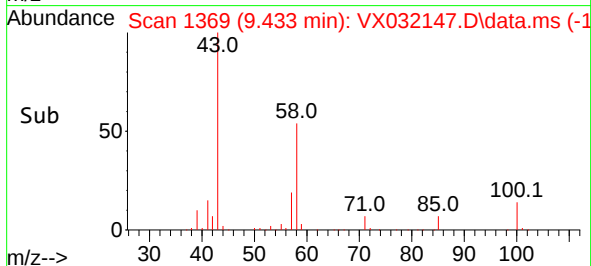
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 276259
Ion Ratio Lower Upper
43 100
58 54.8 26.7 80.0

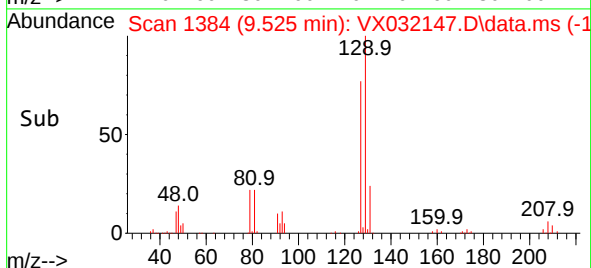
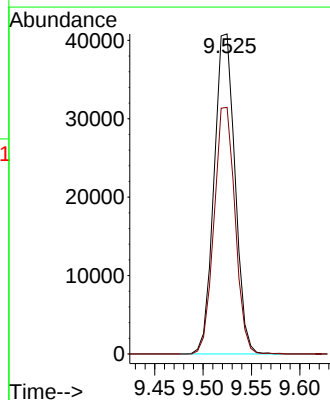
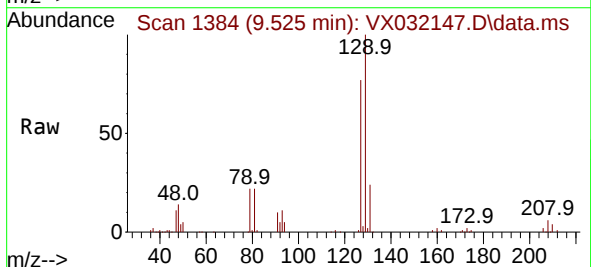
Manual Integrations
APPROVED

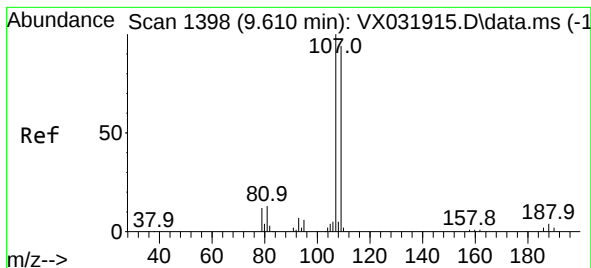
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#60
Dibromochloromethane
Concen: 48.453 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion:129 Resp: 61475
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





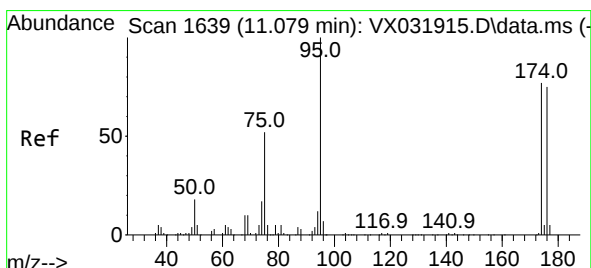
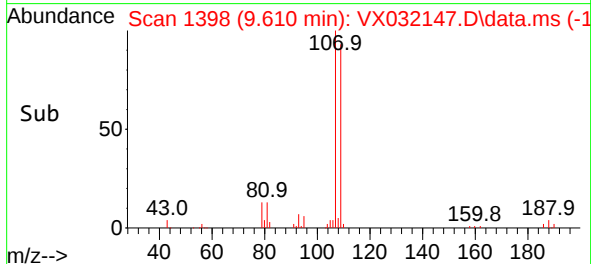
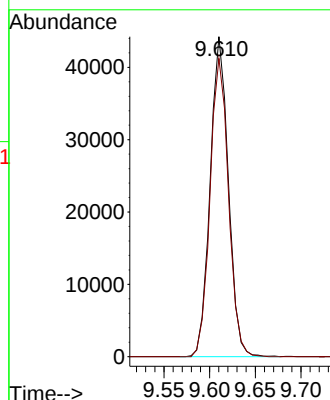
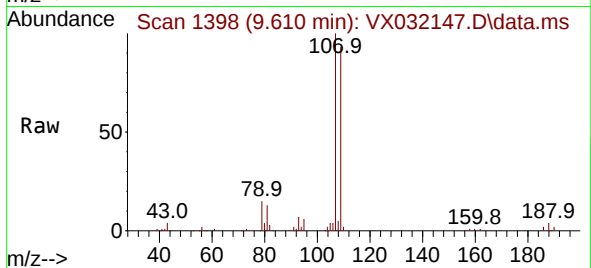
#61
1,2-Dibromoethane
Concen: 43.857 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 61145
Ion Ratio Lower Upper
107 100
109 94.6 74.2 111.4

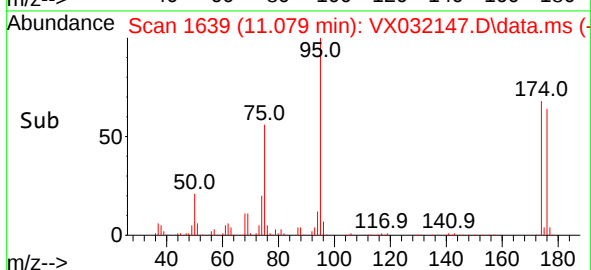
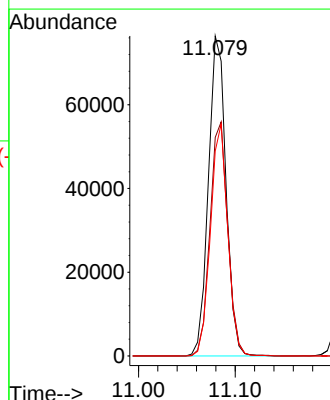
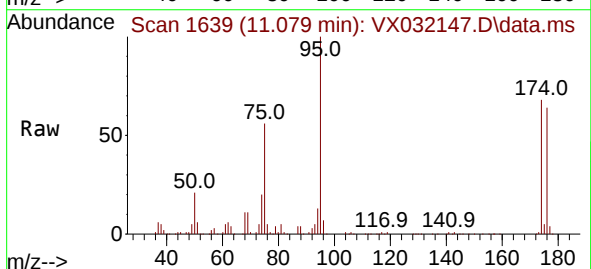
Manual Integrations
APPROVED

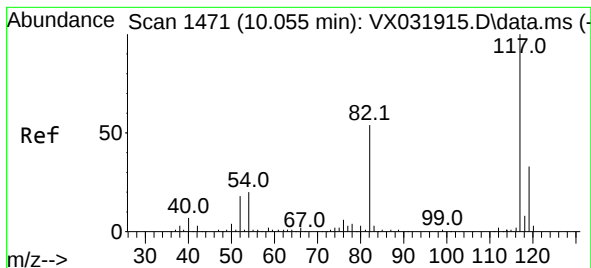
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#62
4-Bromofluorobenzene
Concen: 58.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

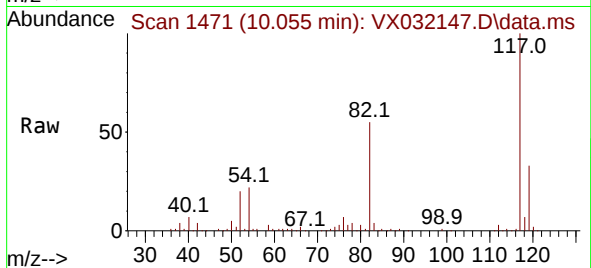
Tgt Ion: 95 Resp: 96780
Ion Ratio Lower Upper
95 100
174 74.0 0.0 153.2
176 71.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

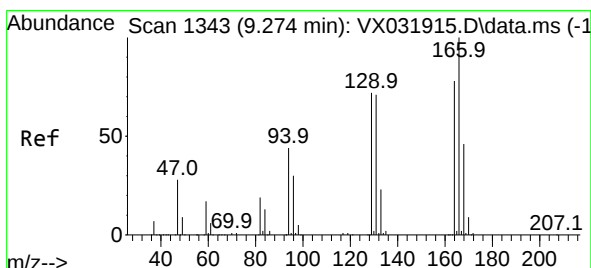
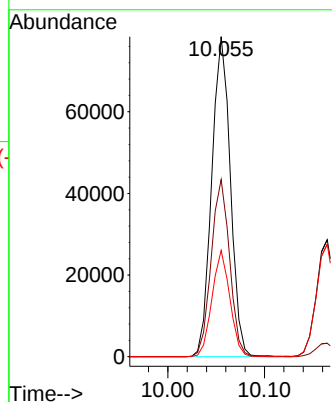
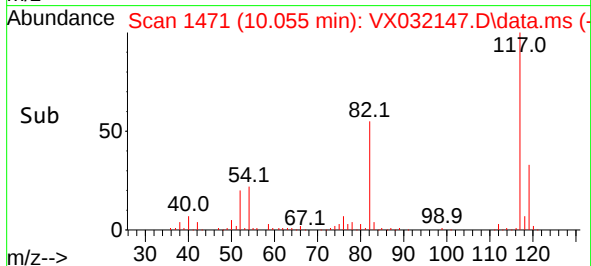
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 10475
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 33.2 26.4 39.6

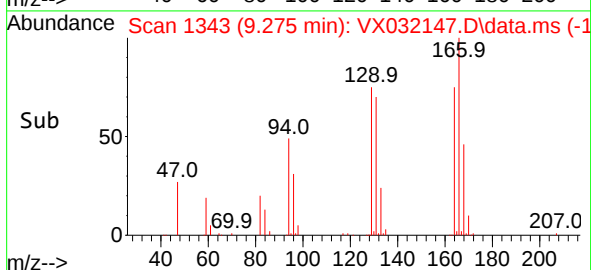
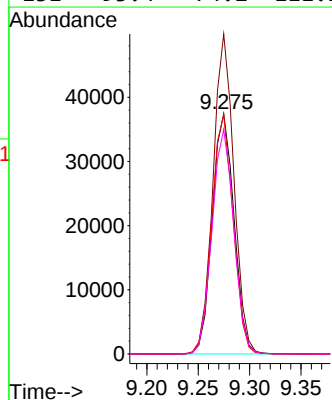
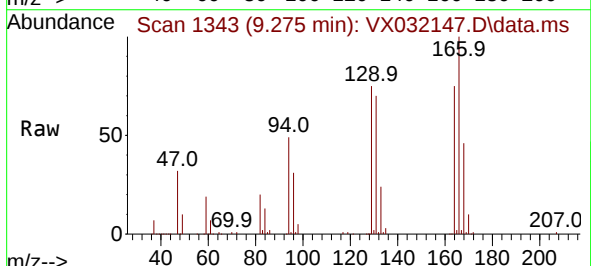
Manual Integrations
APPROVED

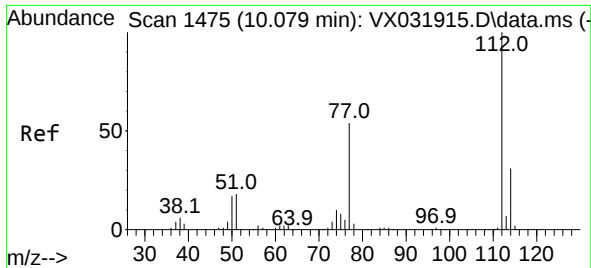
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#64
Tetrachloroethene
Concen: 46.452 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion:164 Resp: 54937
Ion Ratio Lower Upper
164 100
166 133.3 99.0 148.4
129 99.6 78.0 117.0
131 93.4 74.2 111.2





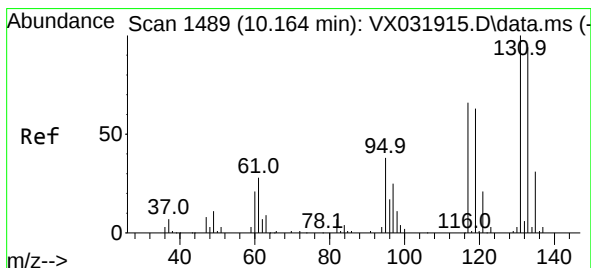
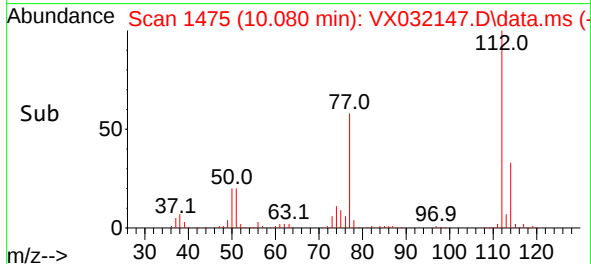
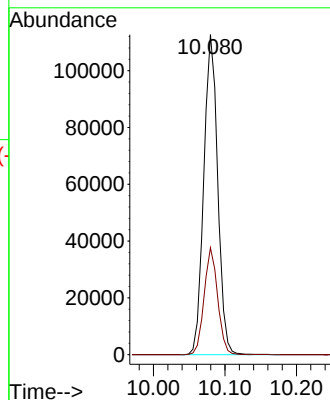
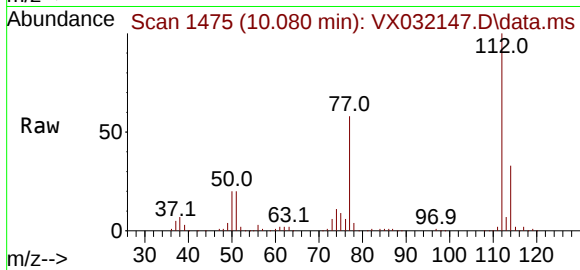
#65
Chlorobenzene
Concen: 48.103 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 152684
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

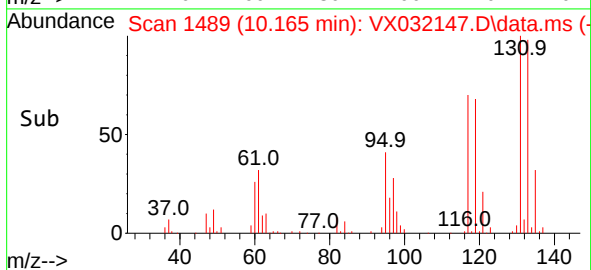
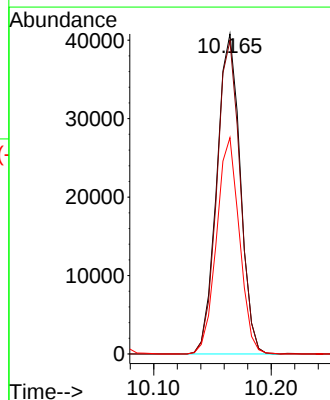
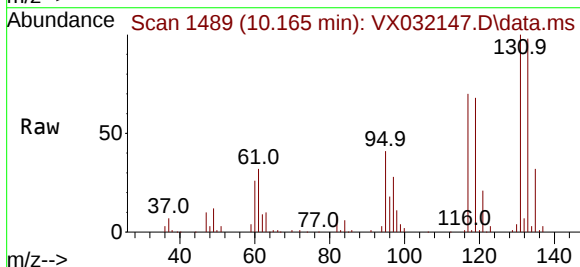
Manual Integrations
APPROVED

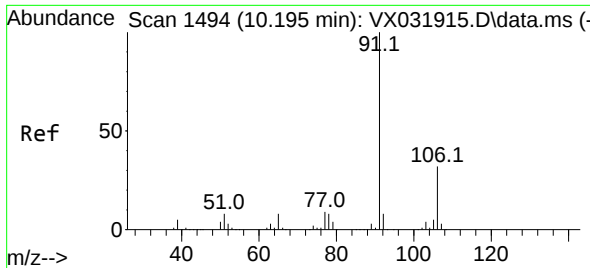
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.536 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

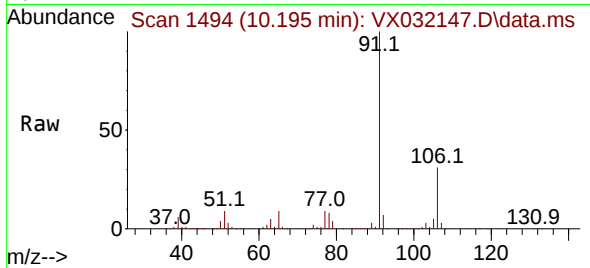
Tgt Ion:131 Resp: 56601
Ion Ratio Lower Upper
131 100
133 97.2 46.6 139.7
119 65.9 31.9 95.9





#67
Ethyl Benzene
Concen: 50.525 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

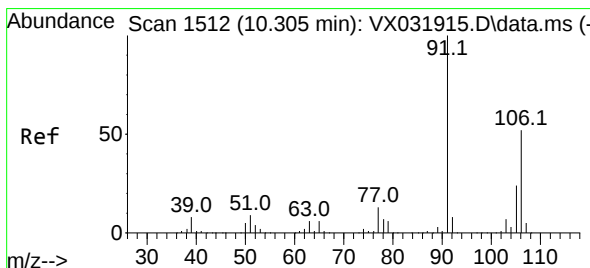
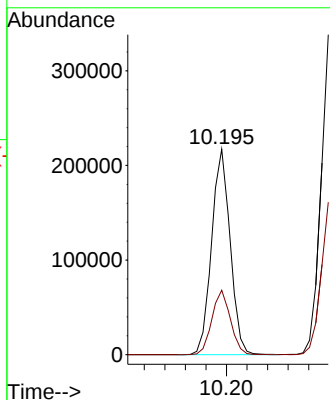
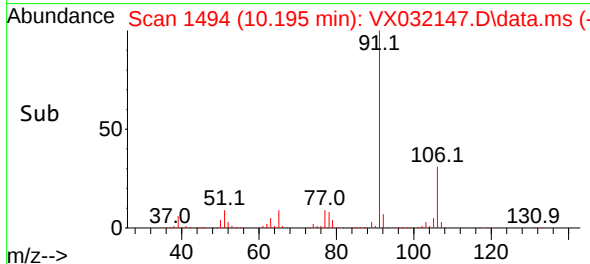
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



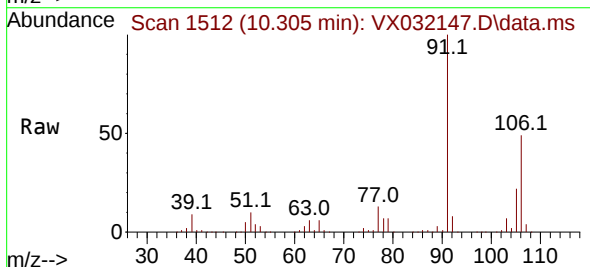
Tgt Ion: 91 Resp: 271300
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8

Manual Integrations
APPROVED

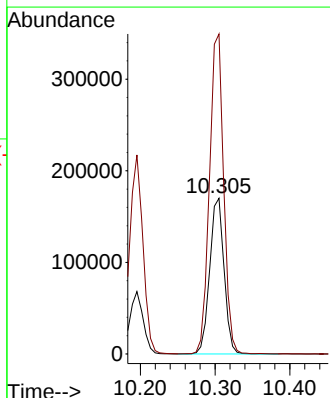
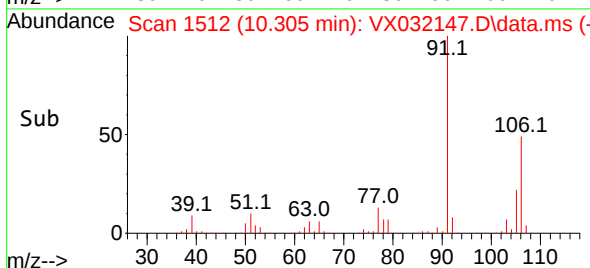
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

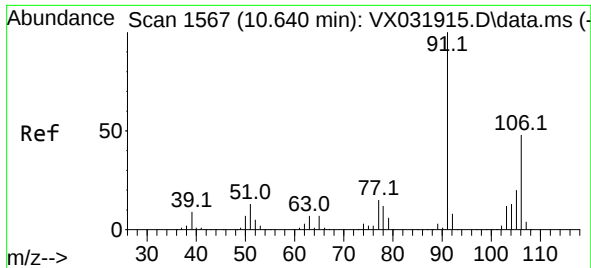


#68
m/p-Xylenes
Concen: 106.002 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion:106 Resp: 226193
Ion Ratio Lower Upper
106 100
91 204.0 161.0 241.4





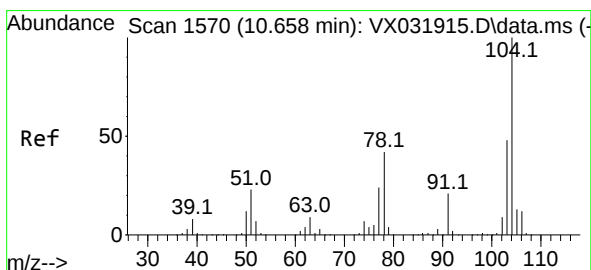
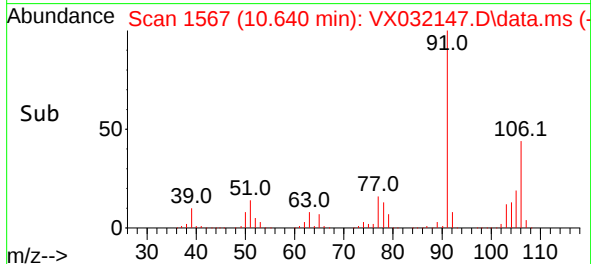
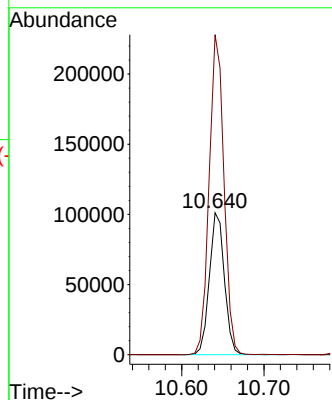
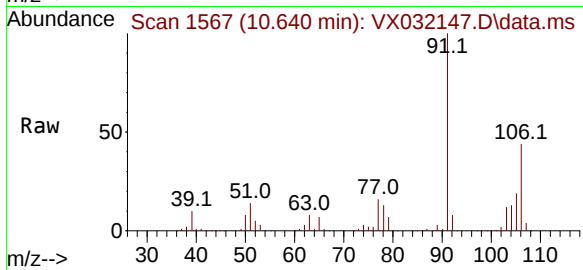
#69
o-Xylene
Concen: 61.863 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 12830
Ion Ratio Lower Upper
106 100
91 222.2 107.2 321.6

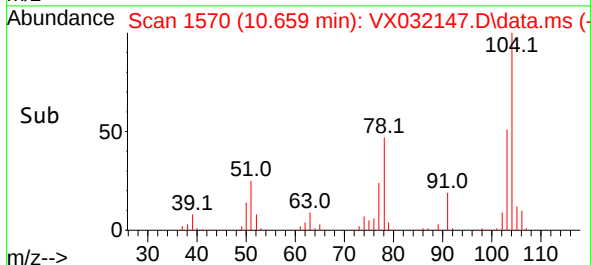
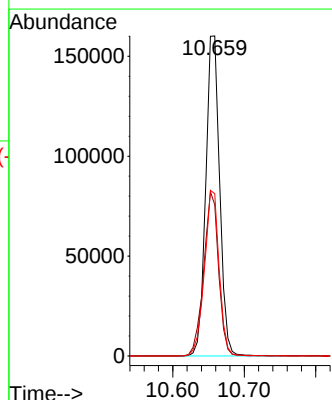
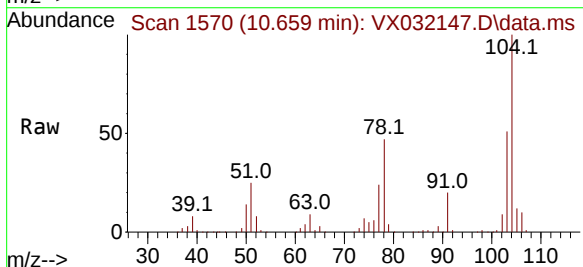
Manual Integrations
APPROVED

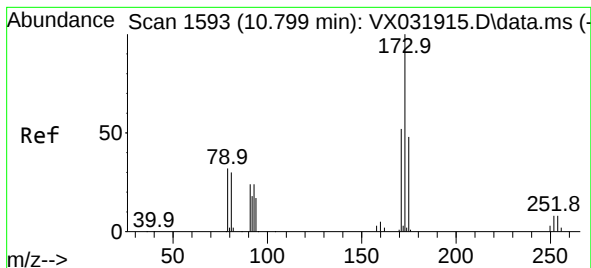
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#70
Styrene
Concen: 65.453 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

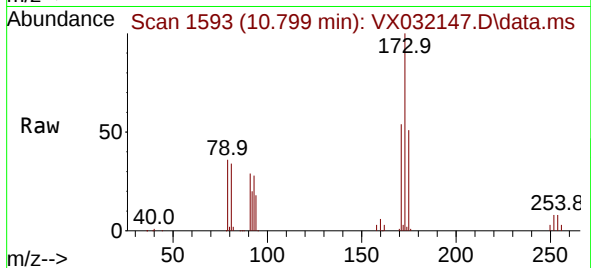
Tgt Ion:104 Resp: 217017
Ion Ratio Lower Upper
104 100
78 54.6 41.4 62.2
103 54.7 43.8 65.8





#71
Bromoform
Concen: 71.578 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

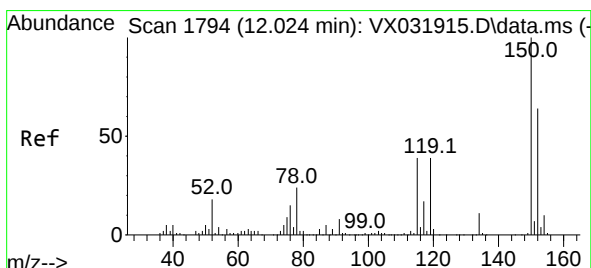
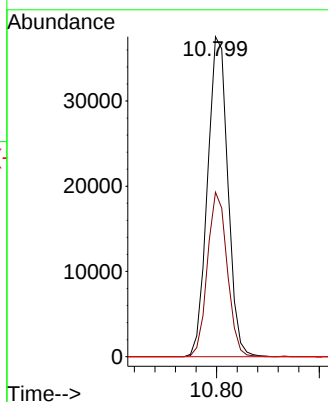
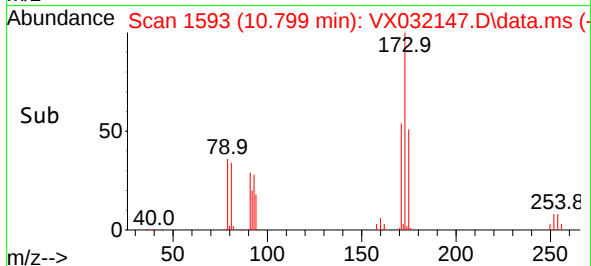
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



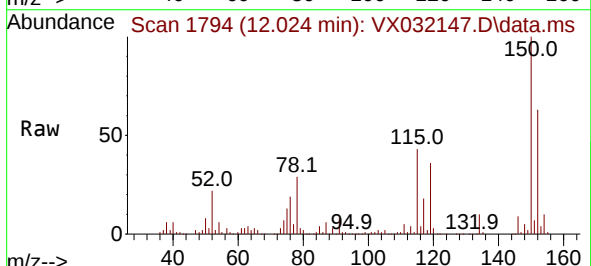
Tgt Ion:173 Resp: 51464
Ion Ratio Lower Upper
173 100
175 50.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

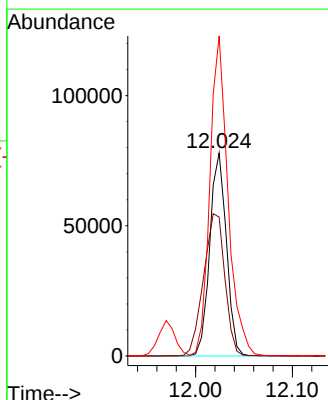
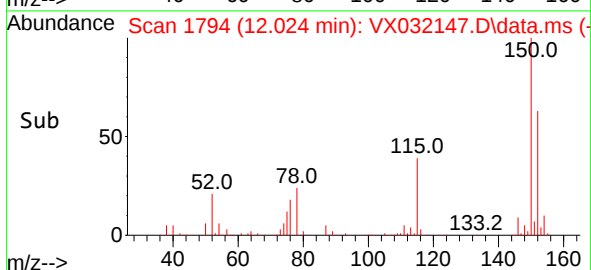
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

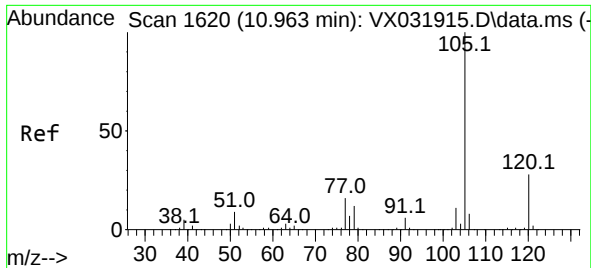


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion:152 Resp: 93424
Ion Ratio Lower Upper
152 100
115 89.7 43.4 130.1
150 171.8 0.0 346.8





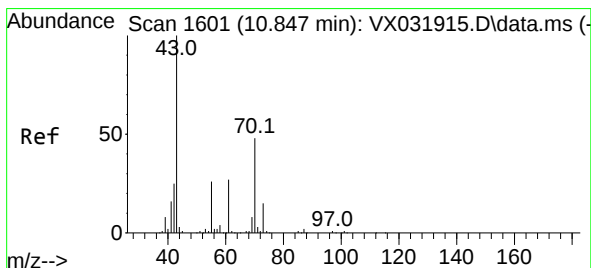
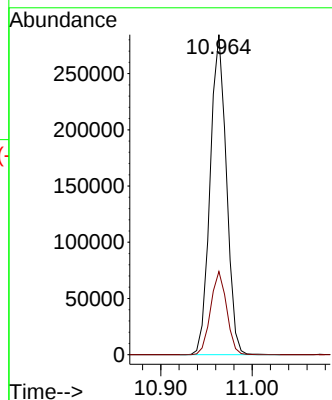
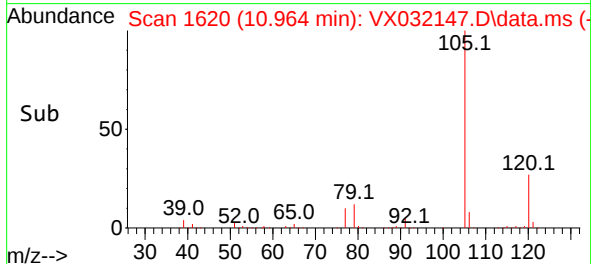
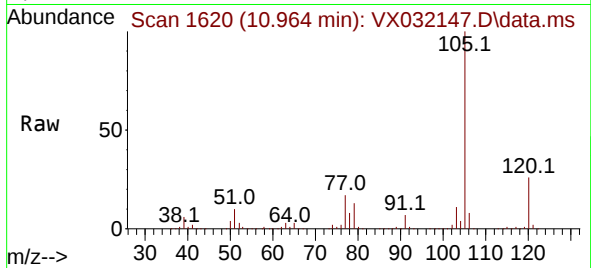
#73
Isopropylbenzene
Concen: 49.756 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 350590
Ion Ratio Lower Upper
105 100
120 25.6 13.7 41.0

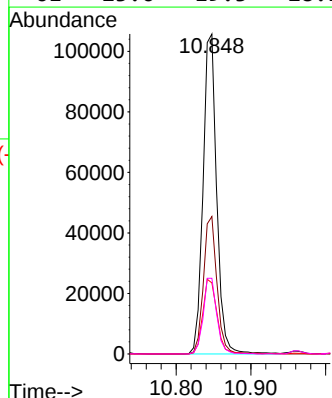
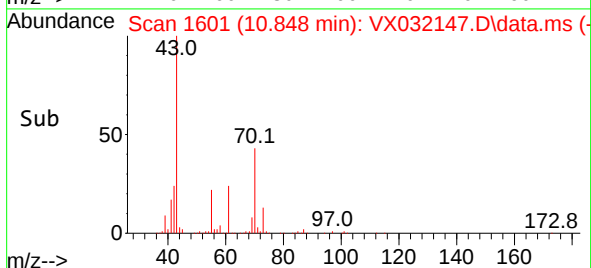
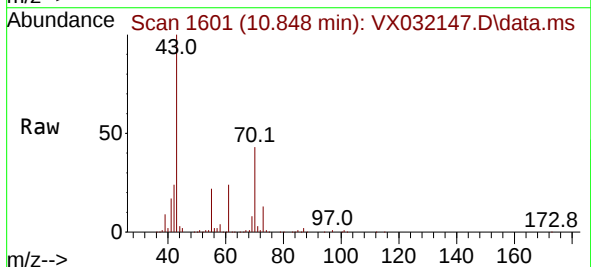
Manual Integrations
APPROVED

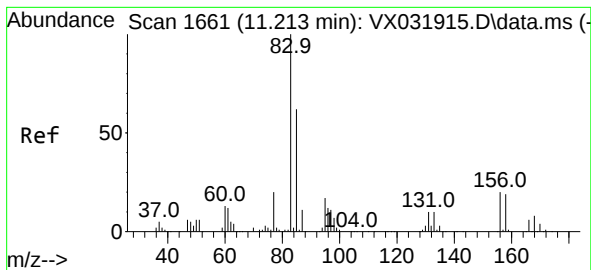
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#74
N-ethyl acetate
Concen: 62.249 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion: 43 Resp: 133945
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.2
55 24.3 18.2 27.2
61 23.6 19.3 28.9





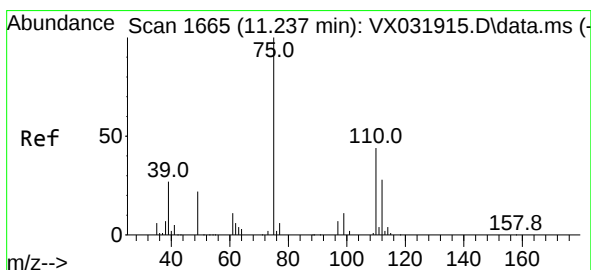
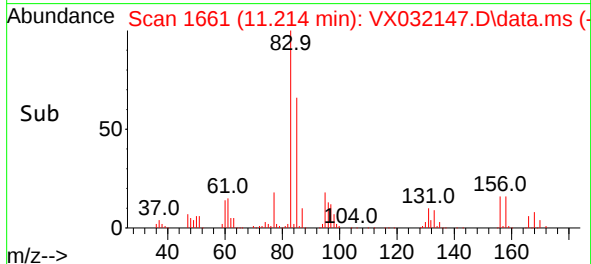
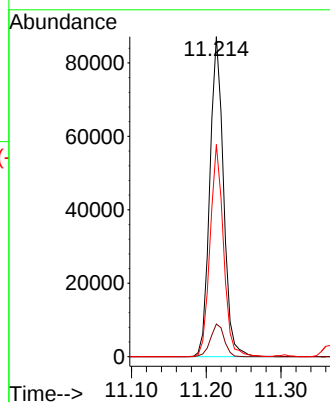
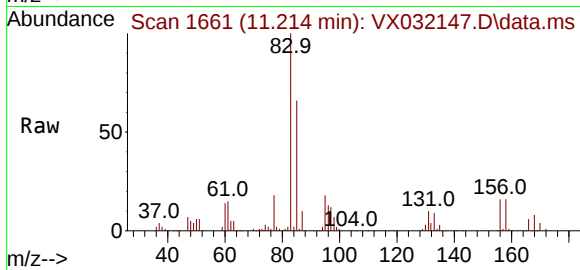
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.449 ug/l
 RT: 11.214 min Scan# 1661
 Delta R.T. 0.001 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 11070
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.4
 85 65.1 32.6 97.8

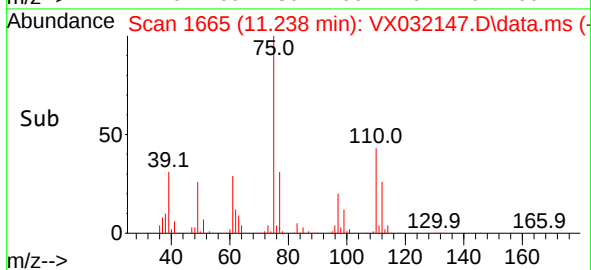
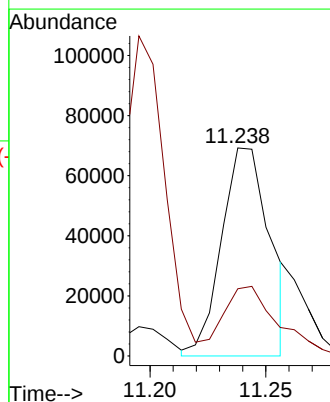
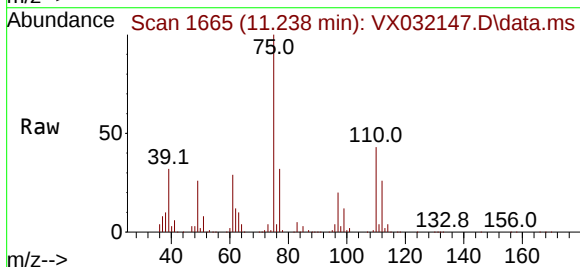
Manual Integrations
 APPROVED

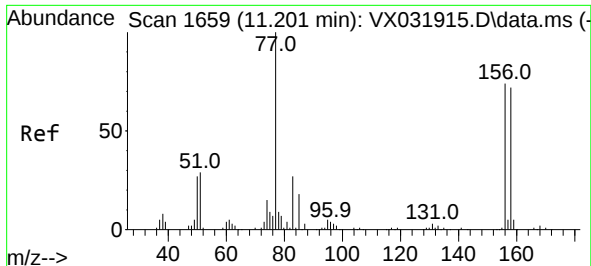
Reviewed By :John Carlone 10/17/2022
 Supervised By :Mahesh Dadoda 10/17/2022



#76
 1,2,3-Trichloropropane
 Concen: 52.345 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.001 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06

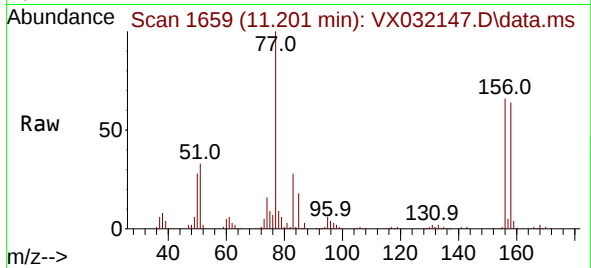
Tgt Ion: 75 Resp: 100226
 Ion Ratio Lower Upper
 75 100
 77 38.8 20.3 60.9





#77
Bromobenzene
Concen: 46.597 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

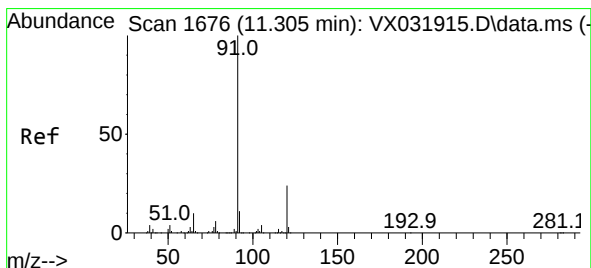
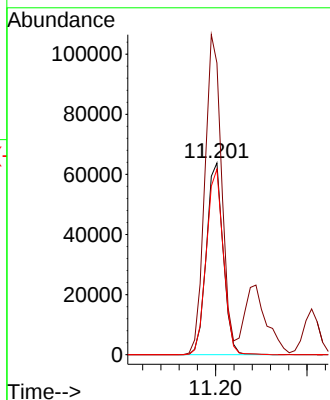
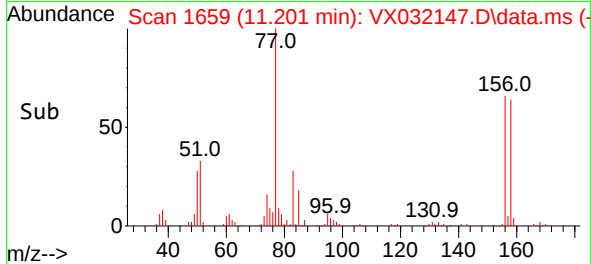
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



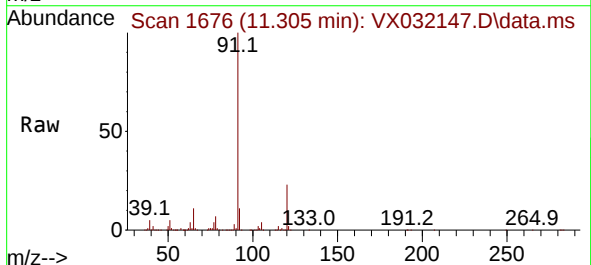
Tgt Ion:156 Resp: 80878
Ion Ratio Lower Upper
156 100
77 167.7 79.5 238.6
158 98.1 48.4 145.3

Manual Integrations
APPROVED

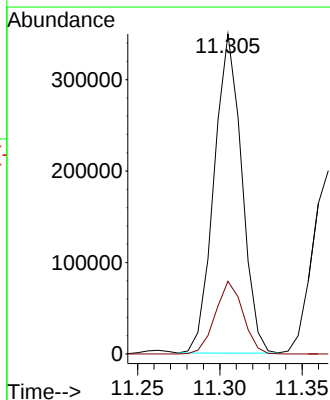
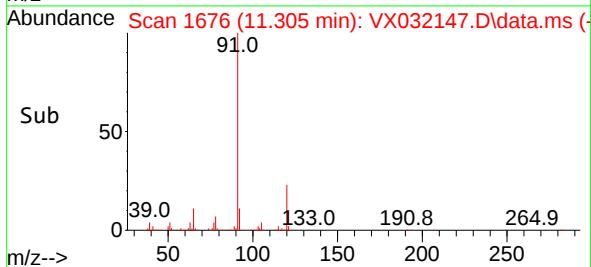
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

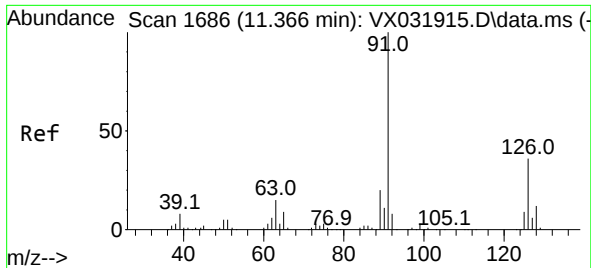


#78
n-propylbenzene
Concen: 50.919 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



Tgt Ion: 91 Resp: 408091
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4





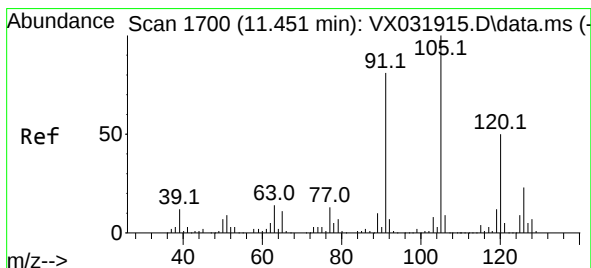
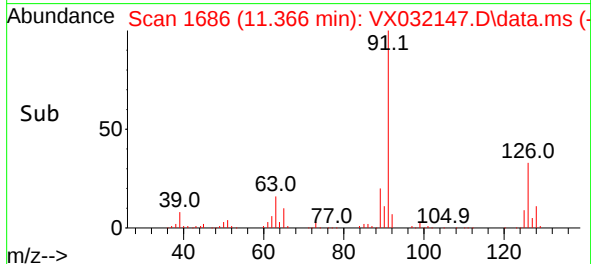
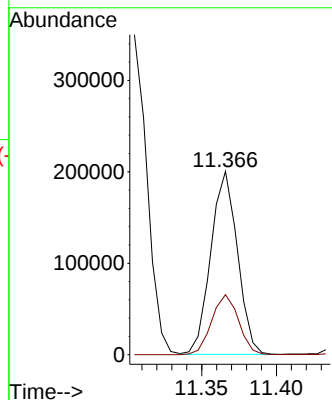
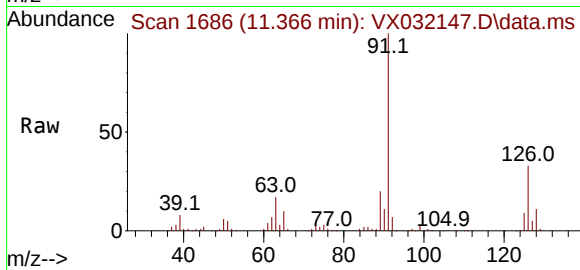
#79
2-Chlorotoluene
Concen: 51.448 ug/l
RT: 11.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 248134
Ion Ratio Lower Upper
91 100
126 33.1 17.4 52.3

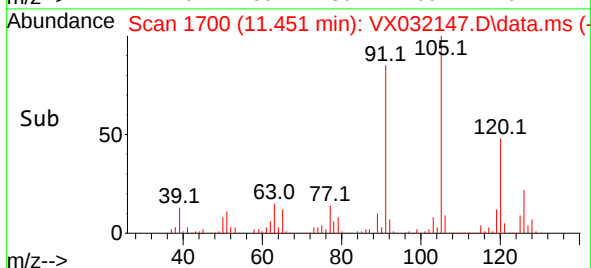
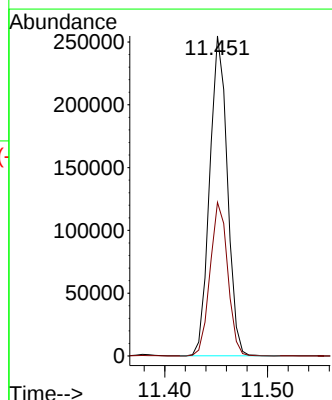
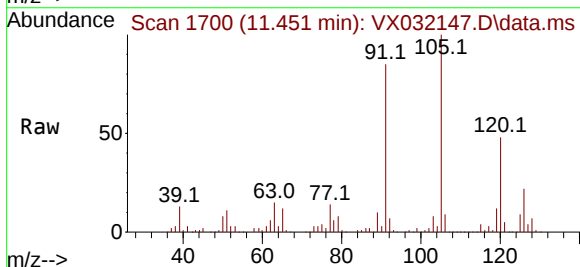
Manual Integrations
APPROVED

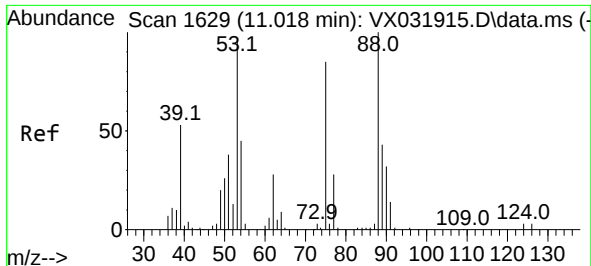
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.012 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

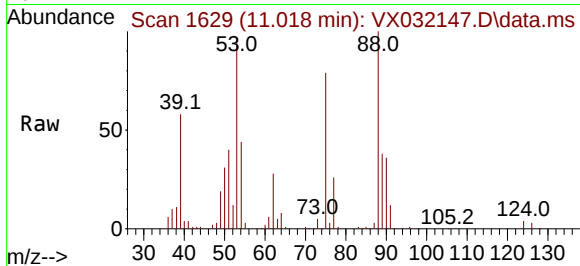
Tgt Ion:105 Resp: 303959
Ion Ratio Lower Upper
105 100
120 47.9 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 50.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

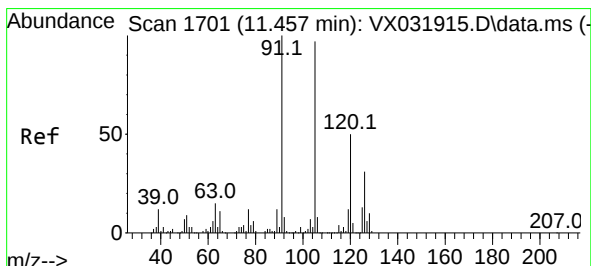
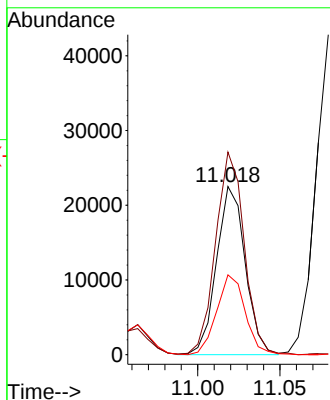
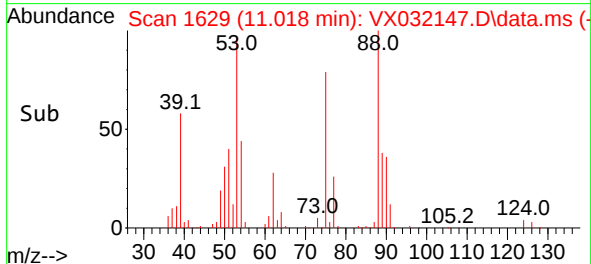
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2729
Ion Ratio Lower Upper
75 100
53 120.4 77.6 116.4
89 47.2 37.4 56.0

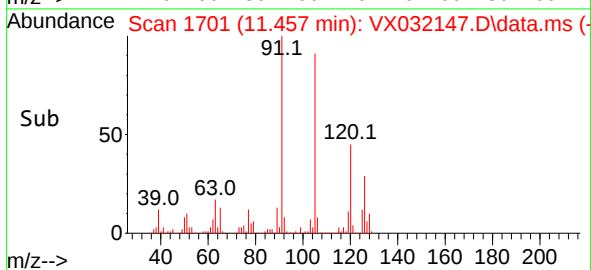
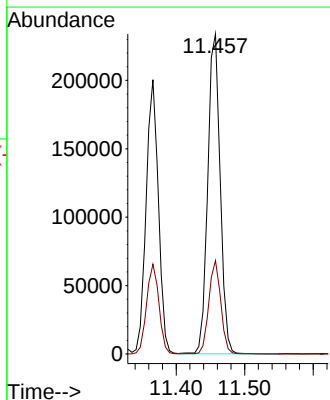
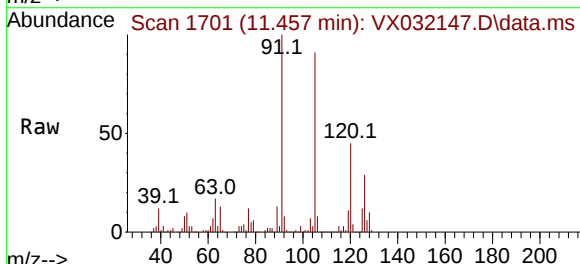
Manual Integrations
APPROVED

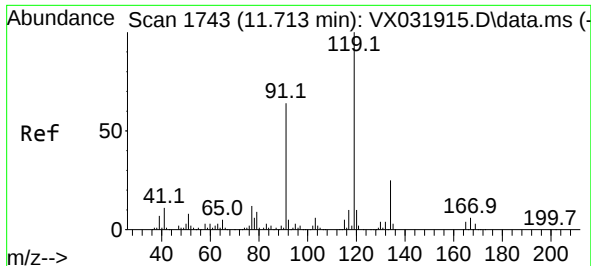
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#82
4-Chlorotoluene
Concen: 53.365 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

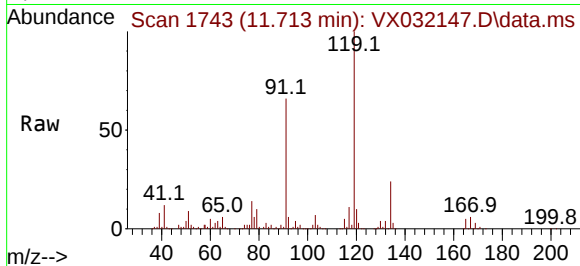
Tgt Ion: 91 Resp: 294765
Ion Ratio Lower Upper
91 100
126 28.2 15.1 45.3





#83
tert-Butylbenzene
Concen: 51.953 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

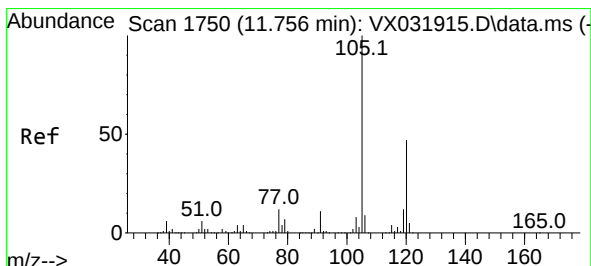
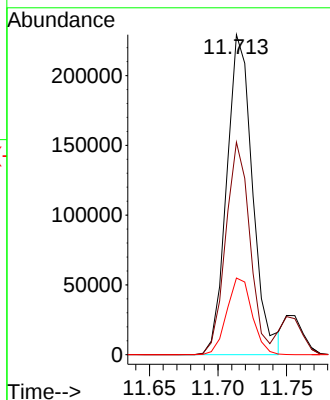
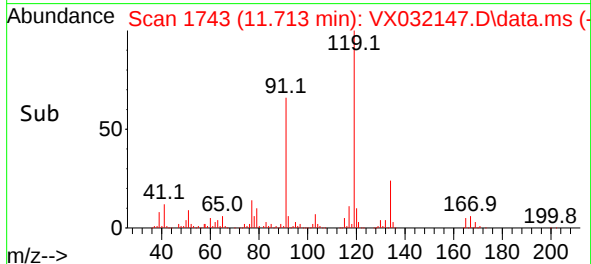
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



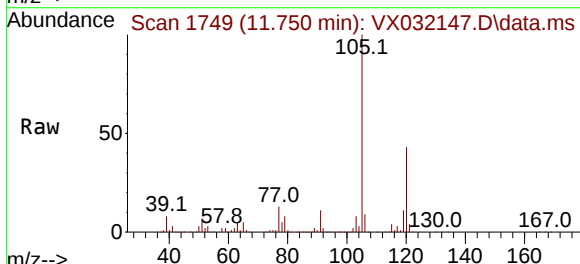
Tgt Ion:119 Resp: 300493
Ion Ratio Lower Upper
119 100
91 62.3 29.2 87.6
134 23.5 11.6 34.8

Manual Integrations
APPROVED

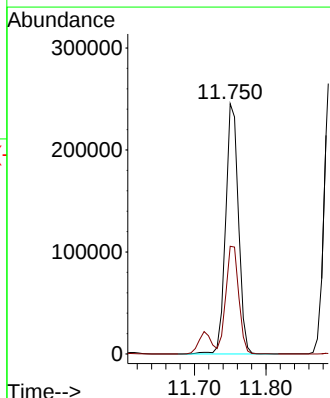
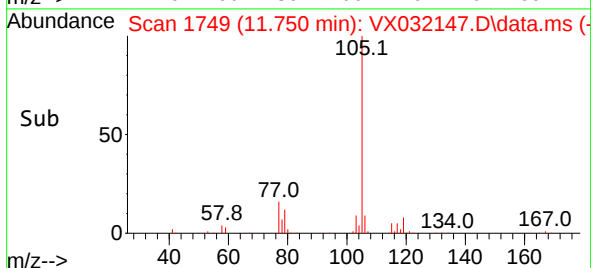
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

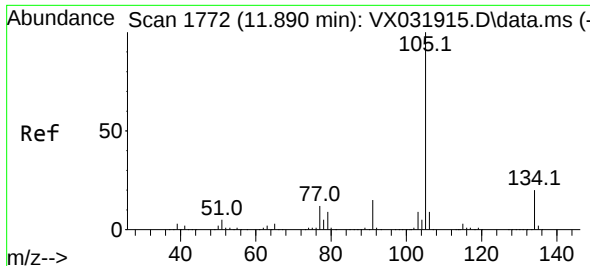


#84
1,2,4-Trimethylbenzene
Concen: 51.384 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



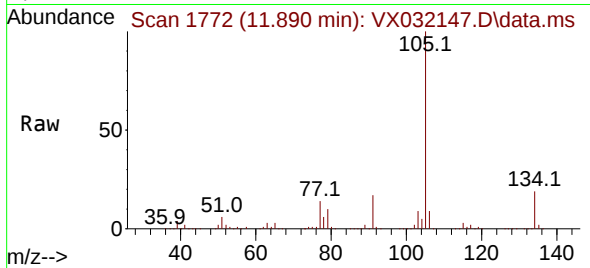
Tgt Ion:105 Resp: 305056
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 53.051 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06

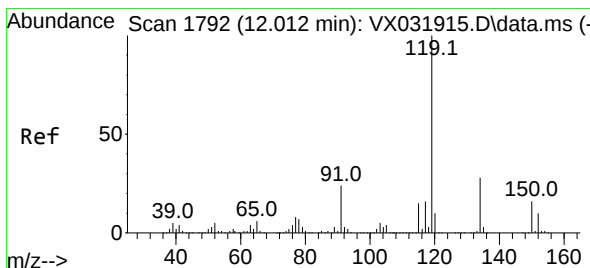
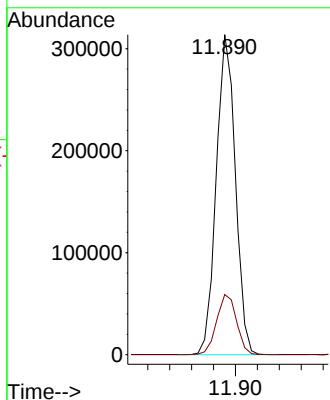
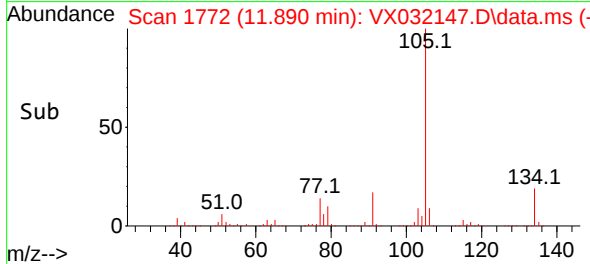
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



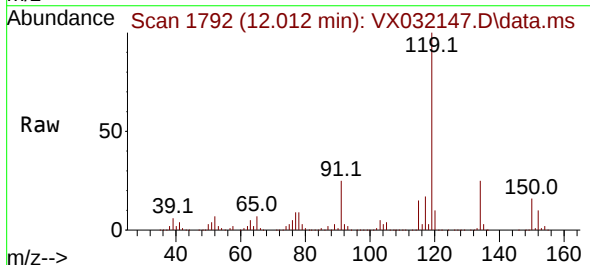
Tgt Ion:105 Resp: 37989
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
 APPROVED

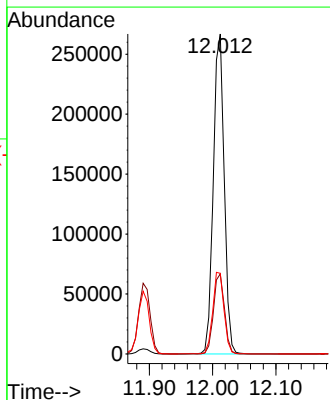
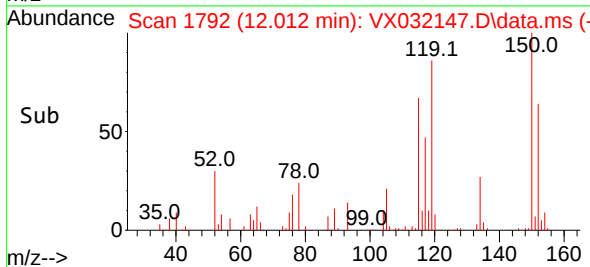
Reviewed By :John Carlone 10/17/2022
 Supervised By :Mahesh Dadoda 10/17/2022

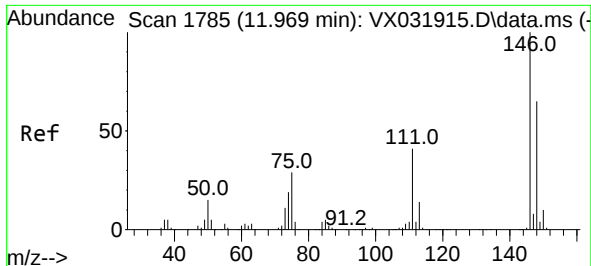


#86
 p-Isopropyltoluene
 Concen: 53.208 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032147.D
 Acq: 14 Oct 2022 20:06



Tgt Ion:119 Resp: 320794
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.4 40.2
 91 26.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.414 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

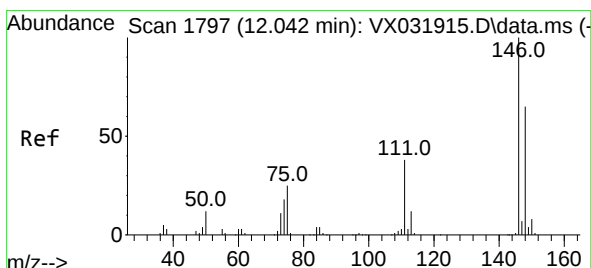
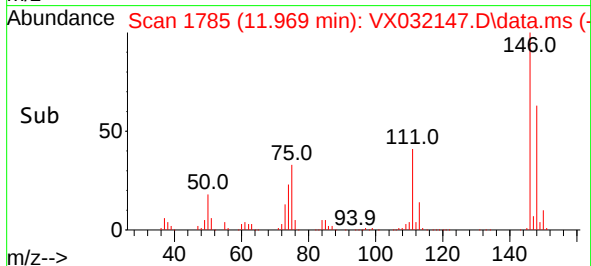
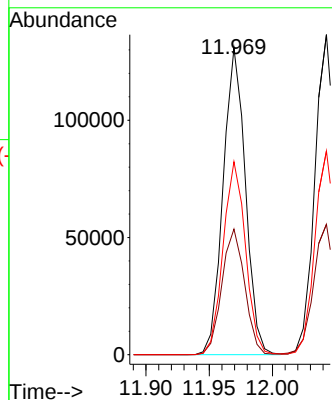
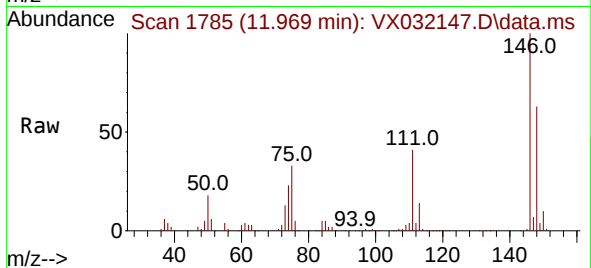
Tgt Ion:146 Resp: 159999
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.8 59.4
 148 63.3 31.5 94.5

Manual Integrations

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Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#88

1,4-Dichlorobenzene

Concen: 47.447 ug/l

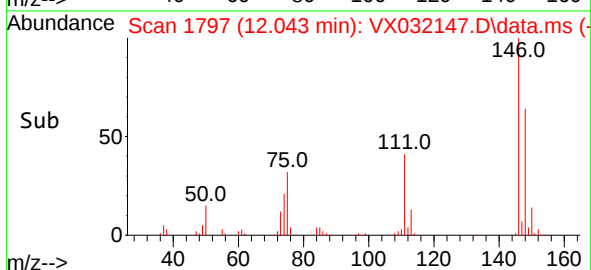
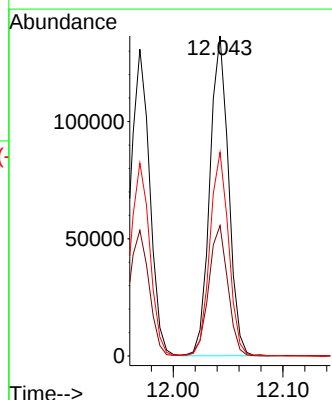
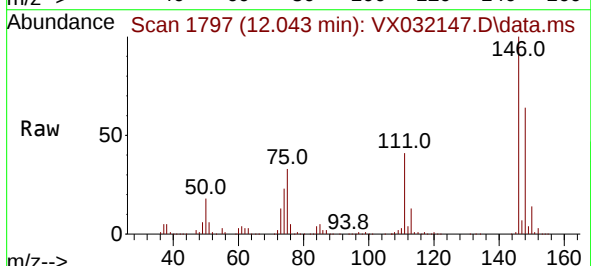
RT: 12.043 min Scan# 1797

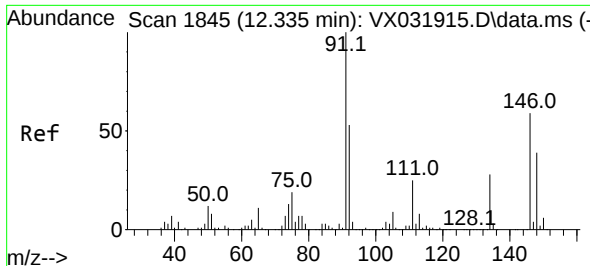
Delta R.T. 0.001 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Tgt Ion:146 Resp: 161400
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.5 61.5
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 55.931 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032147.D

Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 282389

Ion Ratio Lower Upper

91 100

92 54.4 27.0 81.0

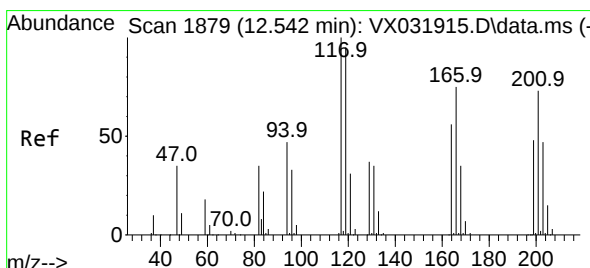
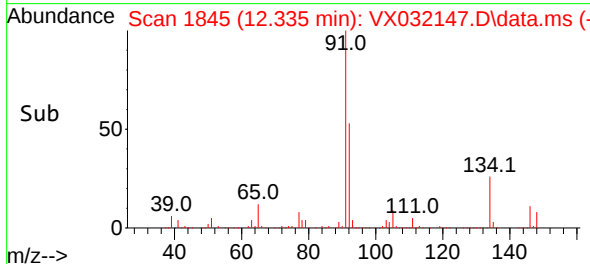
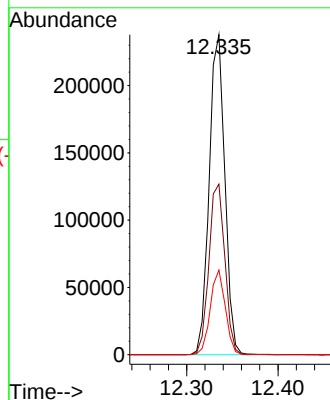
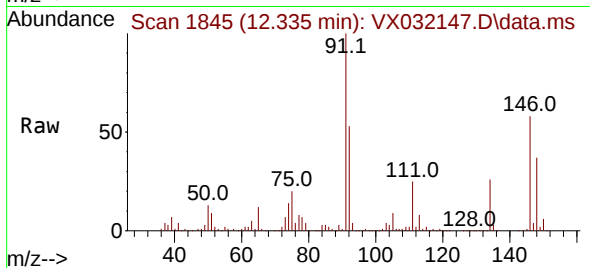
134 25.4 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/17/2022

Supervised By :Mahesh Dadoda 10/17/2022



#90

Hexachloroethane

Concen: 53.419 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX032147.D

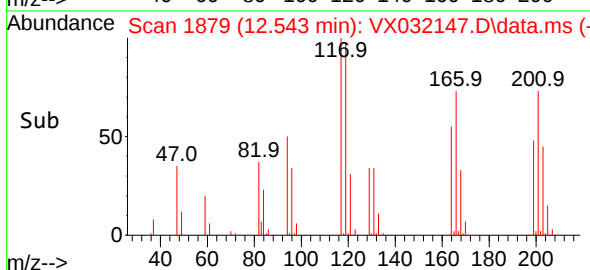
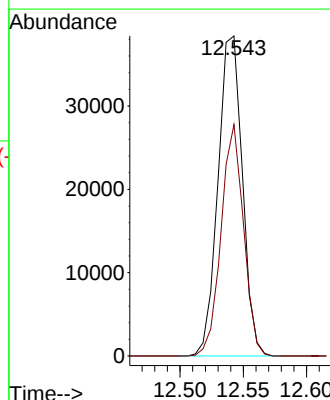
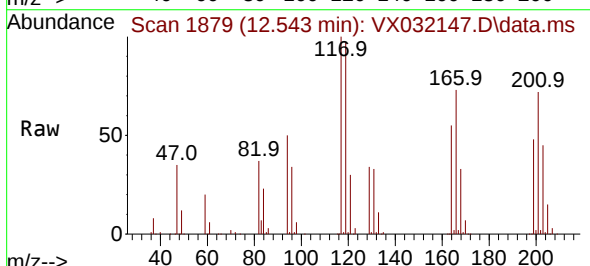
Acq: 14 Oct 2022 20:06

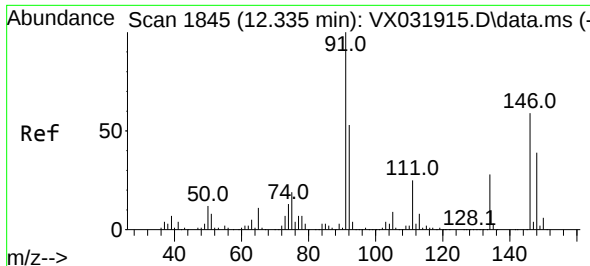
Tgt Ion:117 Resp: 51302

Ion Ratio Lower Upper

117 100

201 66.7 34.8 104.4





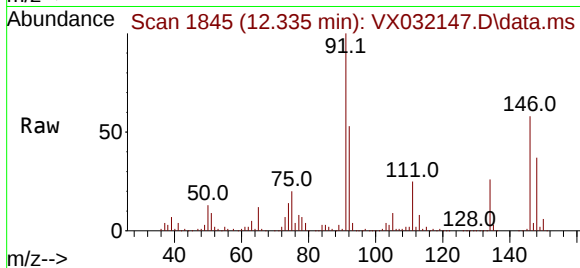
#91
1,2-Dichlorobenzene
Concen: 49.426 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



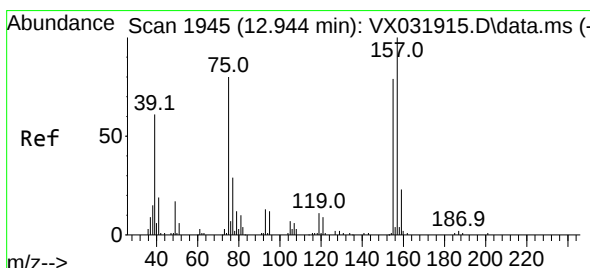
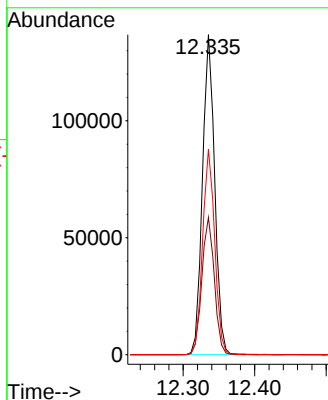
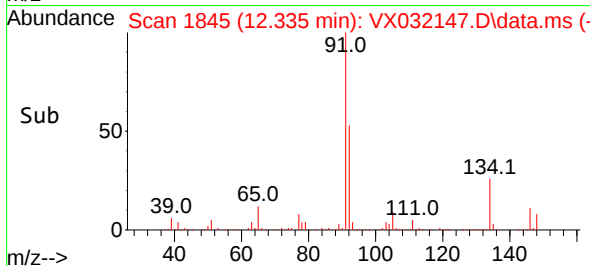
Tgt Ion:146 Resp: 16240
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 63.8 31.6 95.0

Manual Integrations

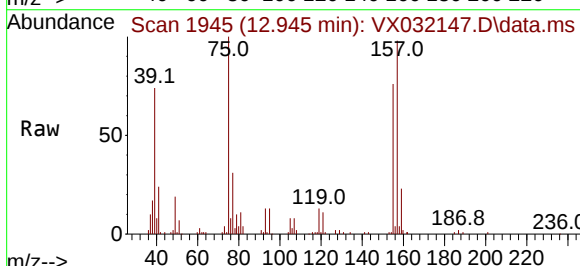
APPROVED

Reviewed By :John Carlone 10/17/2022

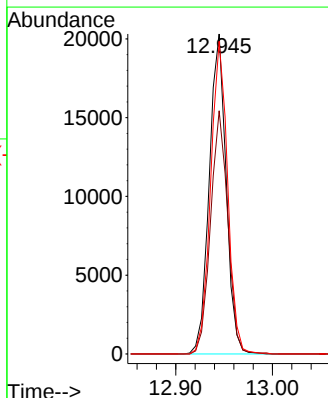
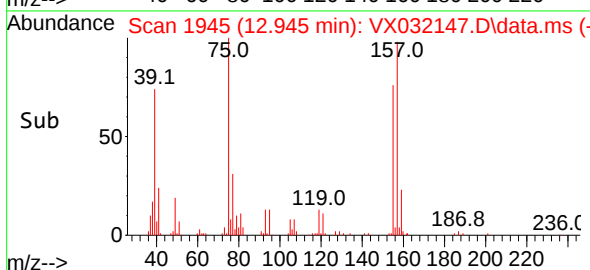
Supervised By :Mahesh Dadoda 10/17/2022

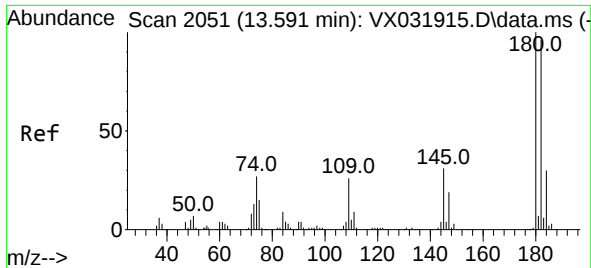


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.158 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



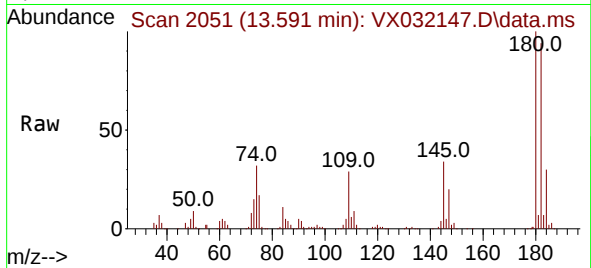
Tgt Ion: 75 Resp: 24653
Ion Ratio Lower Upper
75 100
155 77.3 40.3 120.8
157 98.2 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 50.022 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

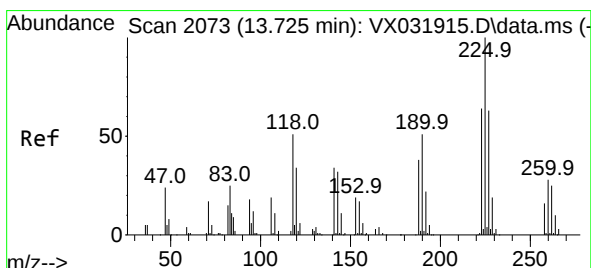
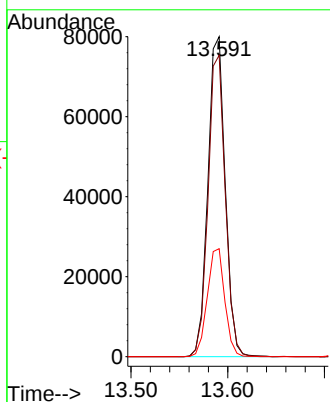
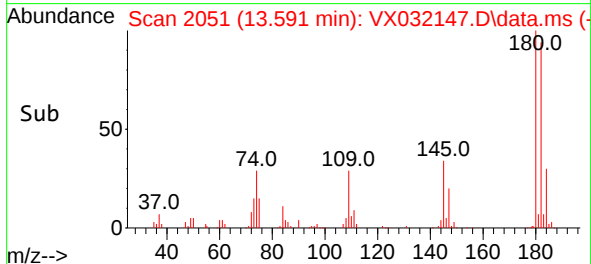
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



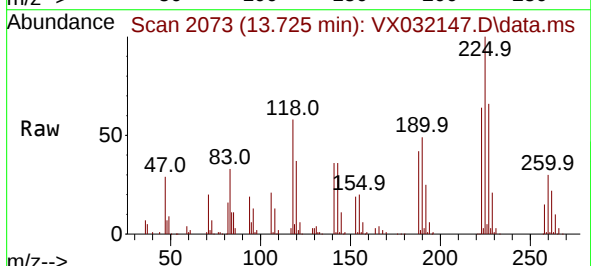
Tgt Ion:180 Resp: 99750
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 34.1 16.7 50.1

Manual Integrations
APPROVED

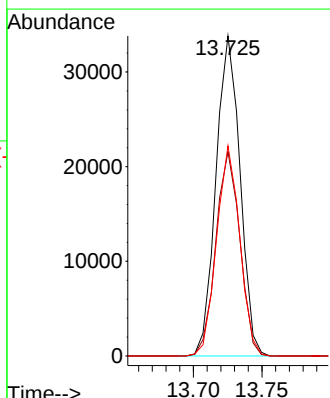
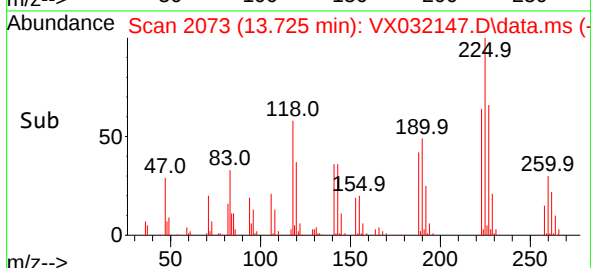
Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022

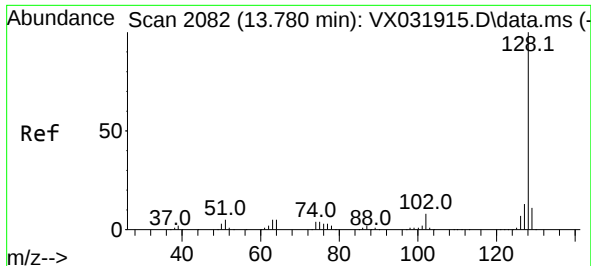


#94
Hexachlorobutadiene
Concen: 51.112 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06



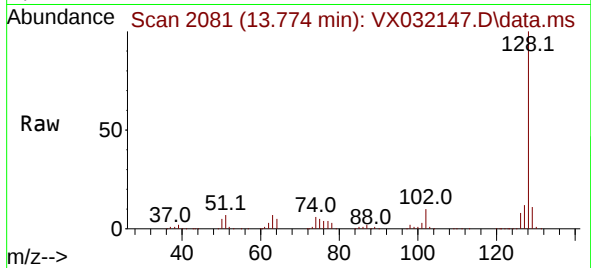
Tgt Ion:225 Resp: 41226
Ion Ratio Lower Upper
225 100
223 63.7 30.8 92.4
227 63.3 32.3 96.9





#95
Naphthalene
Concen: 49.739 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

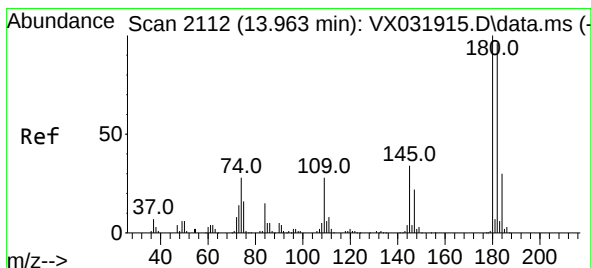
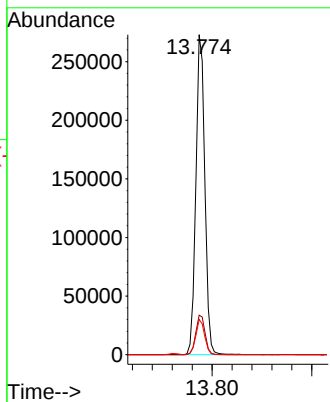
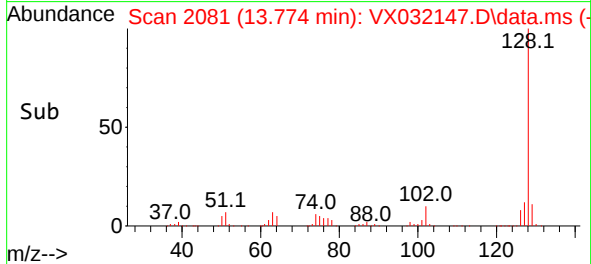
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 339892
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/17/2022
Supervised By :Mahesh Dadoda 10/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.631 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032147.D
Acq: 14 Oct 2022 20:06

Tgt Ion:180 Resp: 100396
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.8
145 35.2 17.6 52.8

