

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031448.D
 Acq On : 17 Sep 2022 06:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:26:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77891	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45405	37.154	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	74.300%		
35) Dibromofluoromethane	5.391	113	39292	46.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.860%		
50) Toluene-d8	8.653	98	145421	46.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.600%		
62) 4-Bromofluorobenzene	11.079	95	51498	44.777	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	21893	40.725	ug/l	95
3) Chloromethane	1.288	50	32614	44.067	ug/l	97
4) Vinyl Chloride	1.374	62	40783	46.882	ug/l	99
5) Bromomethane	1.612	94	47442	72.724	ug/l	98
6) Chloroethane	1.685	64	62245	90.144	ug/l	96
7) Trichlorofluoromethane	1.886	101	92673	58.116	ug/l	99
8) Diethyl Ether	2.136	74	32477	49.363	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	34381	45.595	ug/l	92
10) Methyl Iodide	2.453	142	31511	39.362	ug/l	100
11) Tert butyl alcohol	3.014	59	54916	209.723	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	31755	45.683	ug/l	95
13) Acrolein	2.240	56	20421	144.805	ug/l	95
14) Allyl chloride	2.666	41	50833	33.103	ug/l	96
15) Acrylonitrile	3.069	53	110102	195.339	ug/l	99
16) Acetone	2.392	43	96061	184.129	ug/l	95
17) Carbon Disulfide	2.514	76	69820	42.116	ug/l	100
18) Methyl Acetate	2.709	43	57755	37.333	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	129007	40.076	ug/l	98
20) Methylene Chloride	2.788	84	38628	47.073	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	36780	46.993	ug/l	95
22) Diisopropyl ether	3.764	45	125863	39.168	ug/l	94
23) Vinyl Acetate	3.727	43	546585	204.671	ug/l	99
24) 1,1-Dichloroethane	3.611	63	69206	41.037	ug/l	98
25) 2-Butanone	4.562	43	161255	187.391	ug/l	96
26) 2,2-Dichloropropane	4.477	77	39361	24.601	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	45131	44.078	ug/l	88
28) Bromochloromethane	4.898	49	31249	39.754	ug/l	90
29) Tetrahydrofuran	5.007	42	101706	190.808	ug/l	94
30) Chloroform	5.093	83	79024	44.251	ug/l	95
31) Cyclohexane	5.477	56	55843	42.533	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	68888	43.051	ug/l	99
36) 1,1-Dichloropropene	5.696	75	52448	45.766	ug/l	98
37) Ethyl Acetate	4.721	43	62128	41.254	ug/l	99
38) Carbon Tetrachloride	5.678	117	58929	47.306	ug/l	99
39) Methylcyclohexane	7.379	83	59192	46.901	ug/l	93
40) Benzene	6.038	78	159185	48.372	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	31725	38.886	ug/l	93
42) 1,2-Dichloroethane	6.086	62	61741	46.512	ug/l	99
43) Isopropyl Acetate	6.342	43	103205	40.147	ug/l	99
44) Trichloroethene	7.129	130	44107	52.568	ug/l	90
45) 1,2-Dichloropropane	7.434	63	42073	46.700	ug/l	92
46) Dibromomethane	7.586	93	31651	49.539	ug/l	92
47) Bromodichloromethane	7.824	83	61885	46.569	ug/l	99
48) Methyl methacrylate	7.696	41	46817	40.007	ug/l	92
49) 1,4-Dioxane	7.702	88	23146	986.263	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	348966	223.333	ug/l	100
52) Toluene	8.720	92	107998	51.879	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	61654	41.227	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	64567	42.013	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	46910	51.047	ug/l	99
56) Ethyl methacrylate	9.116	69	69484	46.708	ug/l	93
57) 1,3-Dichloropropane	9.311	76	74961	47.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	146178	210.898	ug/l	95
59) 2-Hexanone	9.433	43	268014	224.735	ug/l	100
60) Dibromochloromethane	9.525	129	49969	50.438	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50476	53.531	ug/l	98
64) Tetrachloroethene	9.275	164	40124	49.640	ug/l	97
65) Chlorobenzene	10.080	112	119675	51.112	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	46647	50.565	ug/l	99
67) Ethyl Benzene	10.195	91	213216	50.276	ug/l	99
68) m/p-Xylenes	10.305	106	169952	105.539	ug/l	99
69) o-Xylene	10.640	106	83461	51.028	ug/l	97
70) Styrene	10.659	104	141137	53.065	ug/l	98
71) Bromoform	10.799	173	37439	50.978	ug/l #	99
73) Isopropylbenzene	10.964	105	222465	45.301	ug/l	99
74) N-amyl acetate	10.842	43	97290	39.851	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	76601	43.404	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66776m	39.855	ug/l	
77) Bromobenzene	11.201	156	54390	48.575	ug/l	93
78) n-propylbenzene	11.305	91	254871	44.224	ug/l	99
79) 2-Chlorotoluene	11.366	91	148856	42.212	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	191326	46.502	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19083	31.515	ug/l	93
82) 4-Chlorotoluene	11.457	91	177250	43.852	ug/l	98
83) tert-Butylbenzene	11.713	119	190784	46.348	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	190349	46.549	ug/l	100
85) sec-Butylbenzene	11.890	105	236195	45.823	ug/l	100
86) p-Isopropyltoluene	12.012	119	199957	47.606	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	103918	48.679	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	108264	49.343	ug/l	98
89) n-Butylbenzene	12.335	91	169735	45.571	ug/l	98
90) Hexachloroethane	12.543	117	35029	41.761	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	105567	48.571	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16426	40.210	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	60796	51.658	ug/l	97
94) Hexachlorobutadiene	13.725	225	22028	47.949	ug/l	98
95) Naphthalene	13.774	128	225414	47.143	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61962	49.164	ug/l	97

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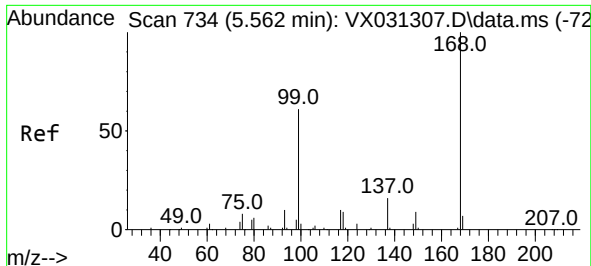
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

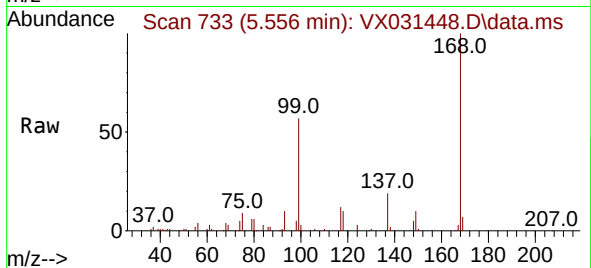
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
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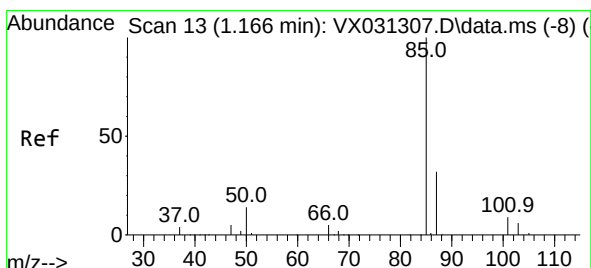
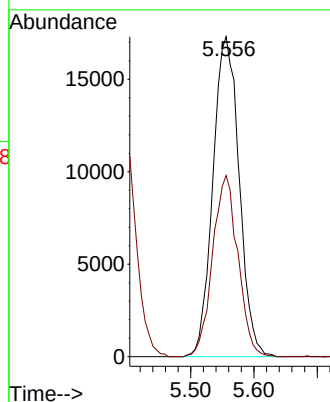
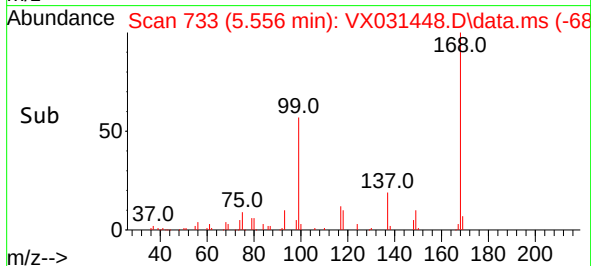
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 49788
Ion Ratio Lower Upper
168 100
99 56.6 48.8 73.2

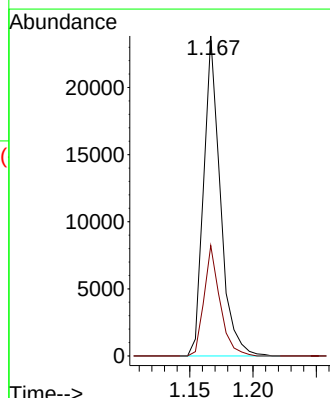
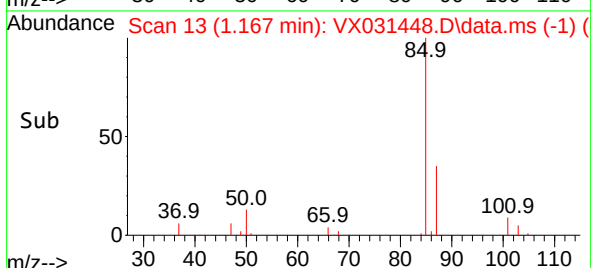
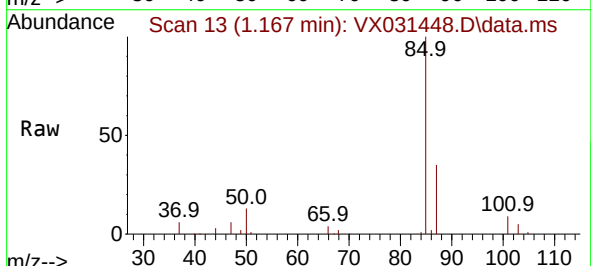
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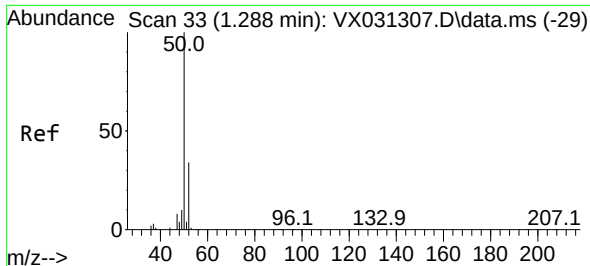
Reviewed By :John Carlone 09/19/2022
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#2
Dichlorodifluoromethane
Concen: 40.725 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

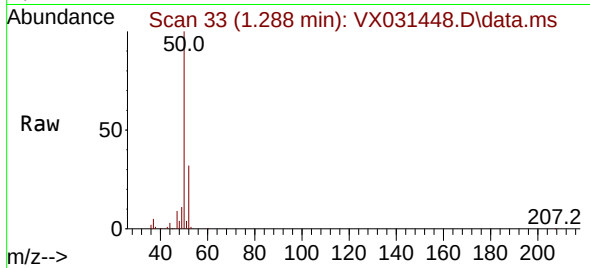
Tgt Ion: 85 Resp: 21893
Ion Ratio Lower Upper
85 100
87 34.5 15.8 47.4





#3
Chloromethane
Concen: 44.067 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

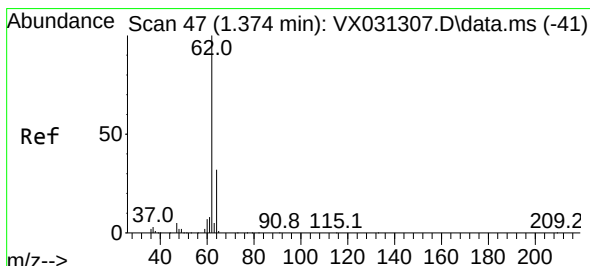
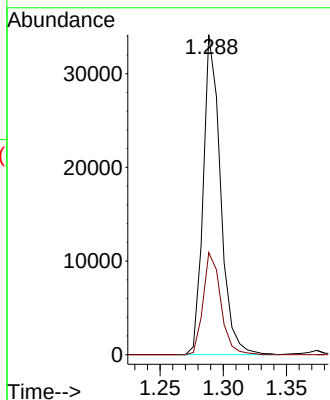
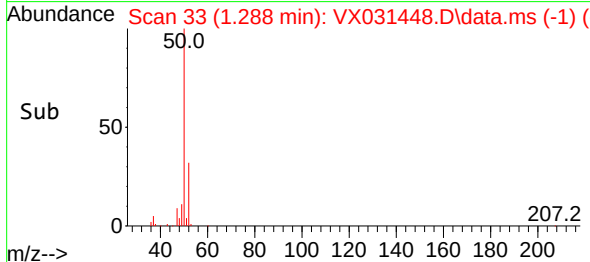
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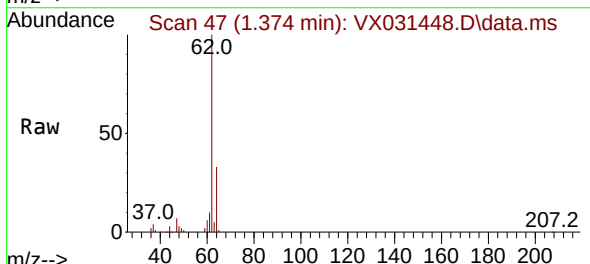
Tgt Ion: 50 Resp: 32614
Ion Ratio Lower Upper
50 100
52 31.9 26.9 40.3

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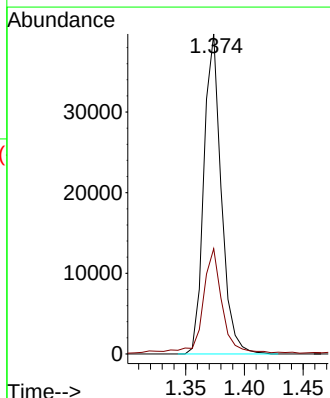
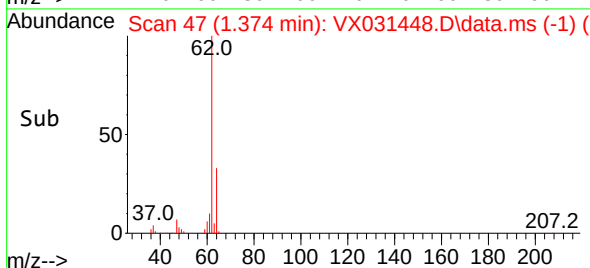
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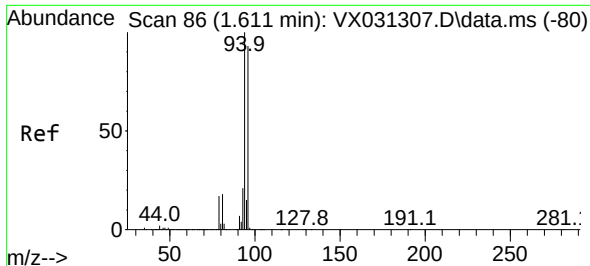


#4
Vinyl Chloride
Concen: 46.882 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



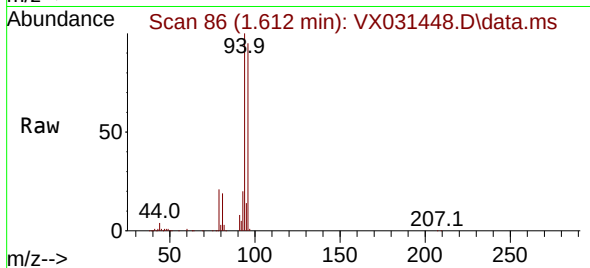
Tgt Ion: 62 Resp: 40783
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9





#5
Bromomethane
Concen: 72.724 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031448.D
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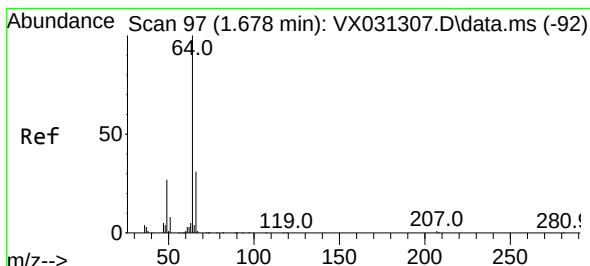
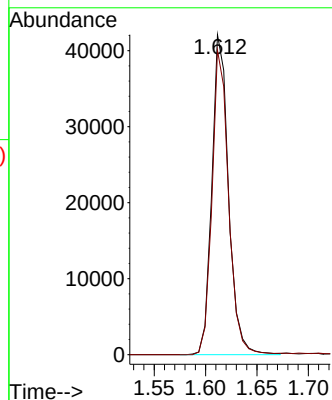
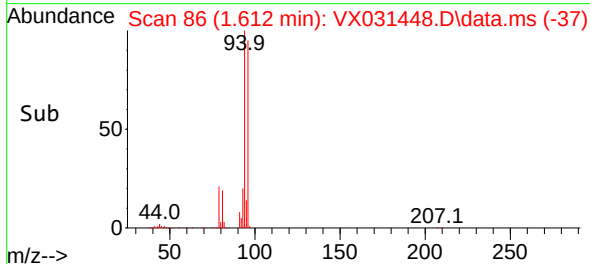
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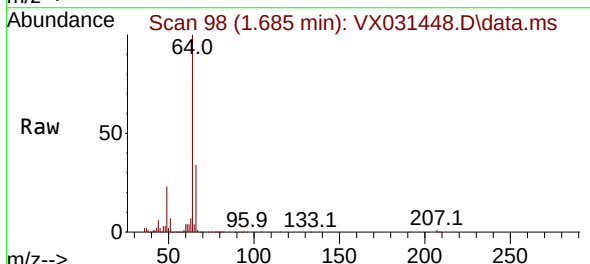
Tgt Ion: 94 Resp: 4744
Ion Ratio Lower Upper
94 100
96 95.1 74.4 111.6

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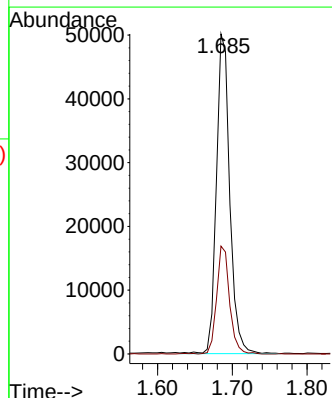
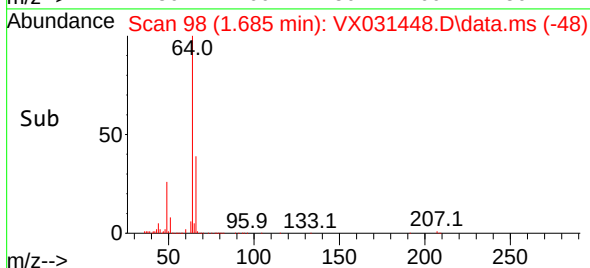
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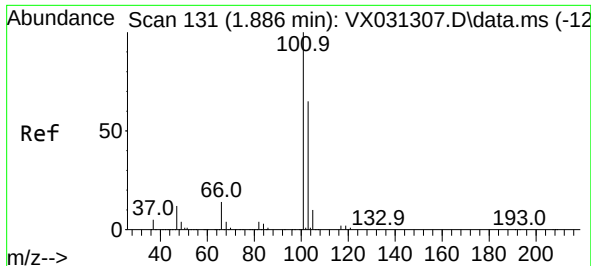


#6
Chloroethane
Concen: 90.144 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion: 64 Resp: 62245
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4





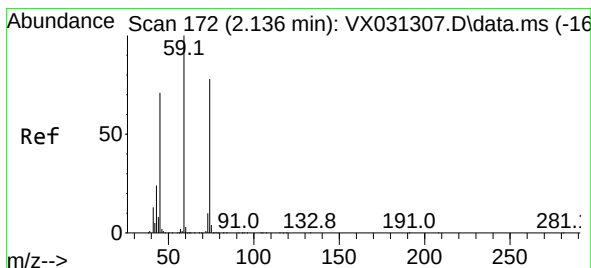
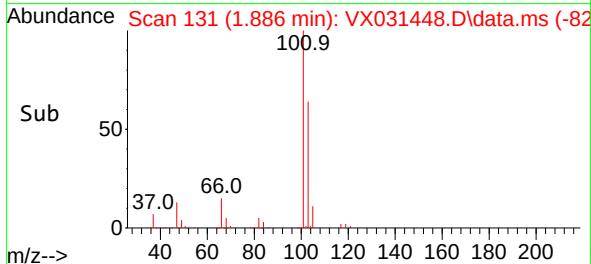
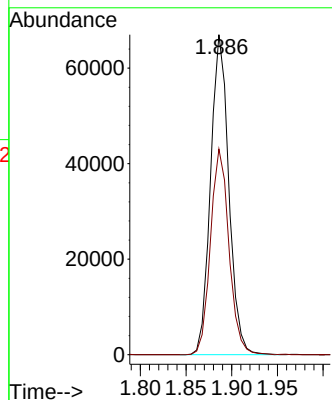
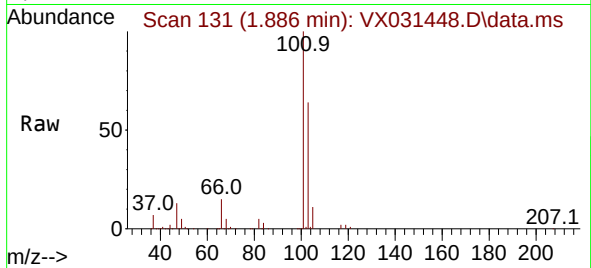
#7
 Trichlorofluoromethane
 Concen: 58.116 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 9267
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6

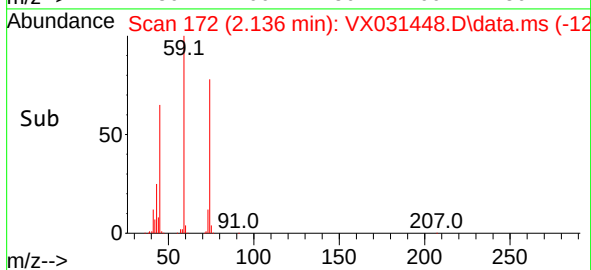
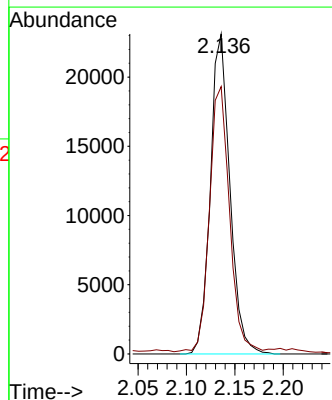
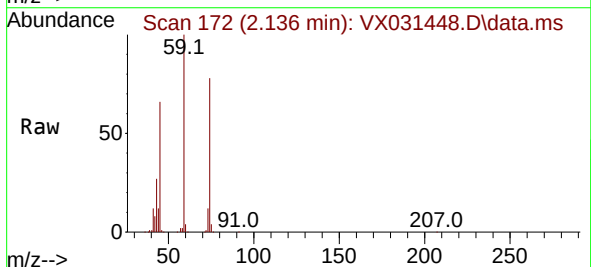
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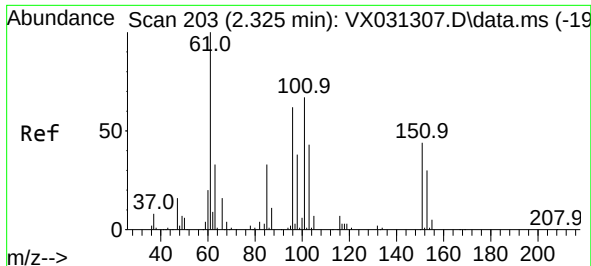
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#8
 Diethyl Ether
 Concen: 49.363 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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 Acq: 17 Sep 2022 06:25

Tgt Ion: 74 Resp: 32477
 Ion Ratio Lower Upper
 74 100
 45 84.6 48.5 145.6





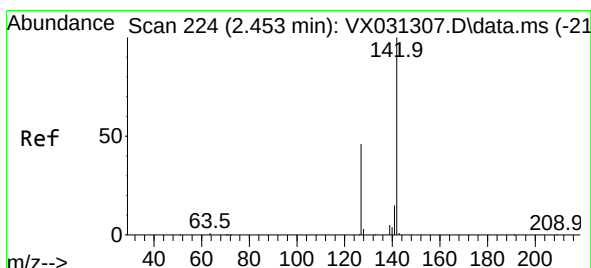
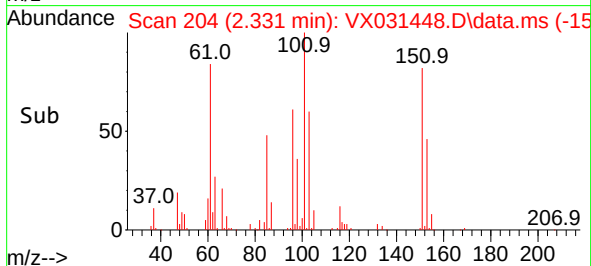
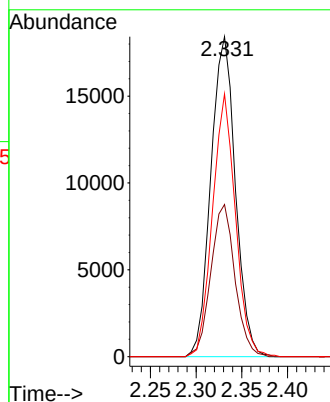
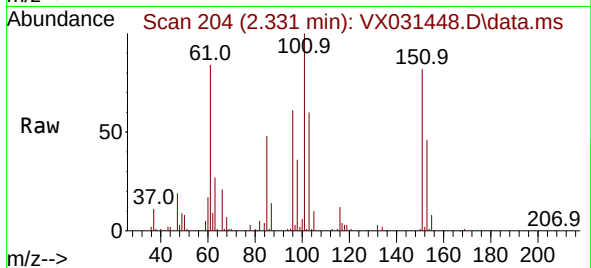
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.595 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031448.D
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Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 3438
Ion Ratio Lower Upper
101 100
85 46.7 38.6 57.8
151 76.9 54.0 81.0

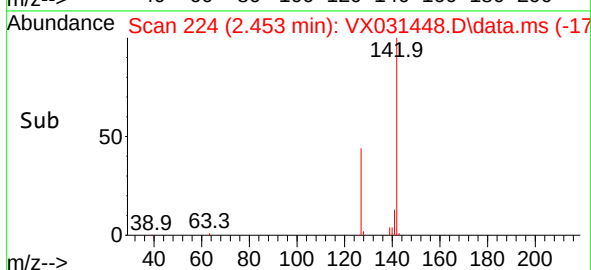
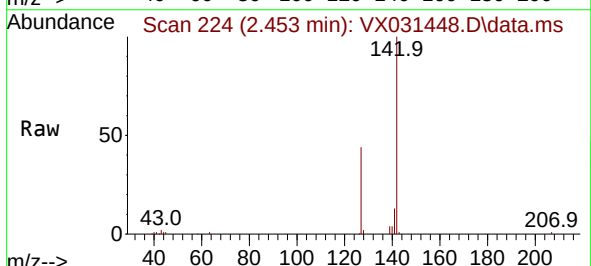
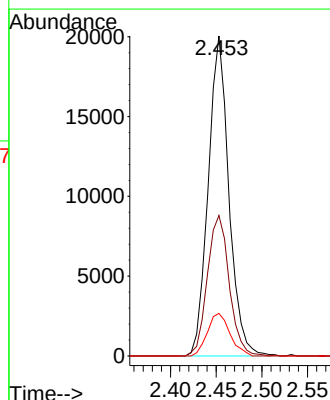
Manual Integrations
APPROVED

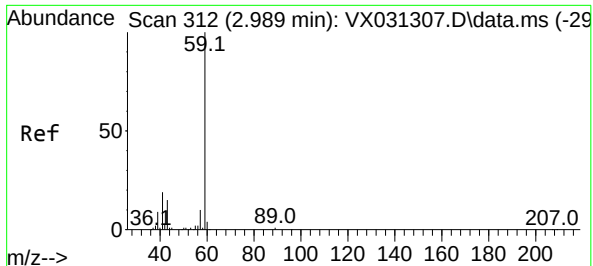
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 39.362 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

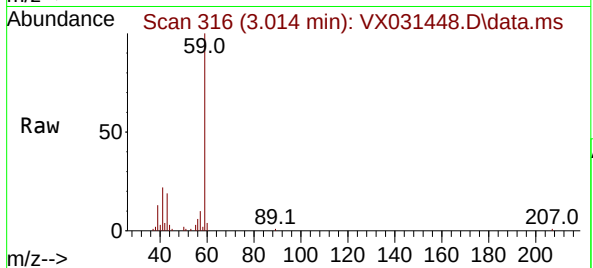
Tgt Ion:142 Resp: 31511
Ion Ratio Lower Upper
142 100
127 46.5 37.4 56.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 209.723 ug/l
RT: 3.014 min Scan# 312
Delta R.T. 0.025 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

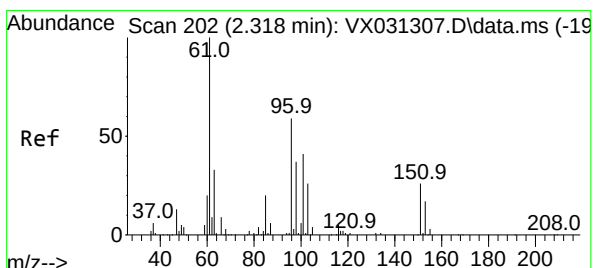
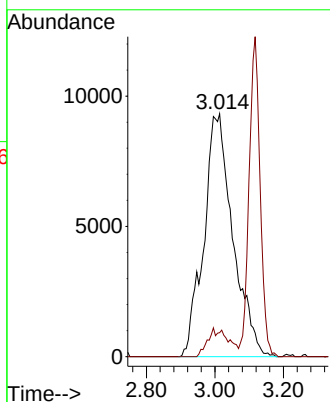
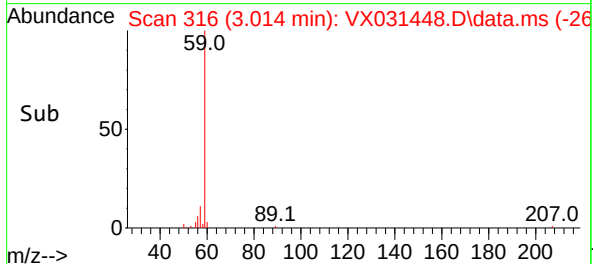
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 54910
Ion Ratio Lower Upper
59 100
57 3.4 8.2 12.2

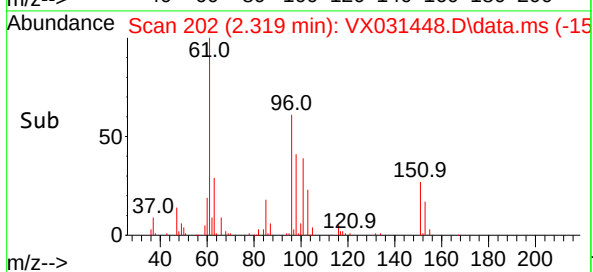
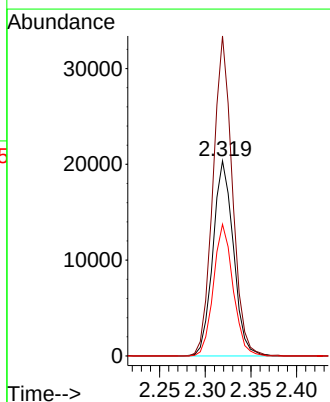
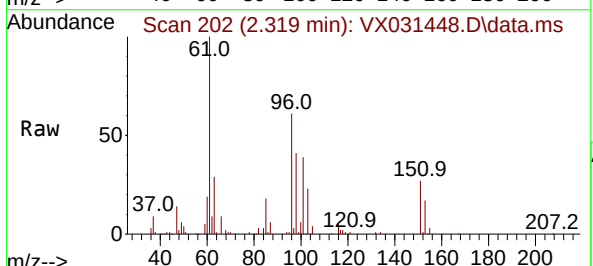
Manual Integrations
APPROVED

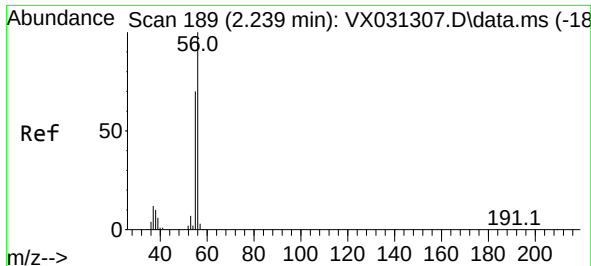
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
1,1-Dichloroethene
Concen: 45.683 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Tgt Ion: 96 Resp: 31755
Ion Ratio Lower Upper
96 100
61 164.0 135.3 202.9
98 67.5 49.4 74.2





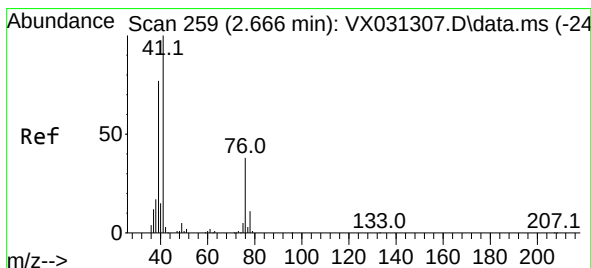
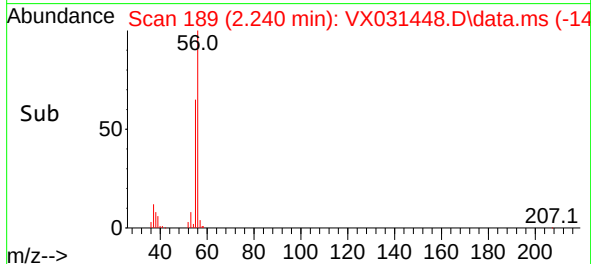
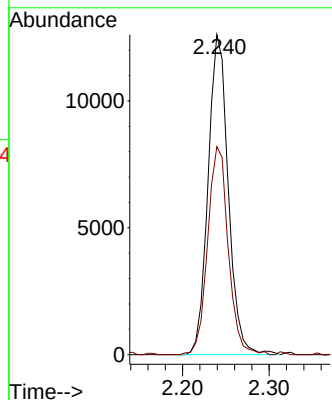
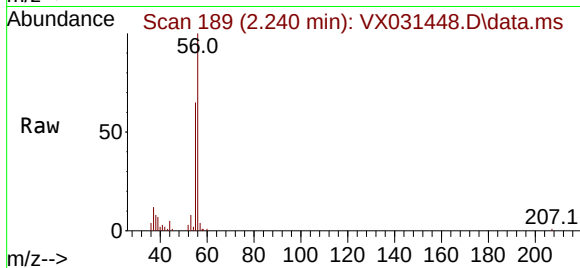
#13
Acrolein
Concen: 144.805 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 2042
Ion Ratio Lower Upper
56 100
55 66.3 56.0 84.0

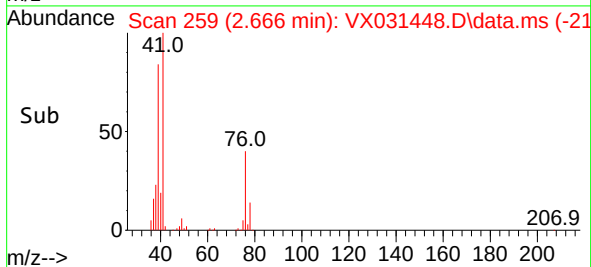
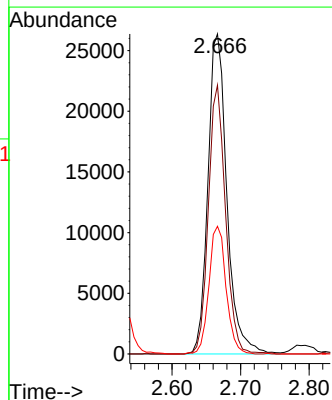
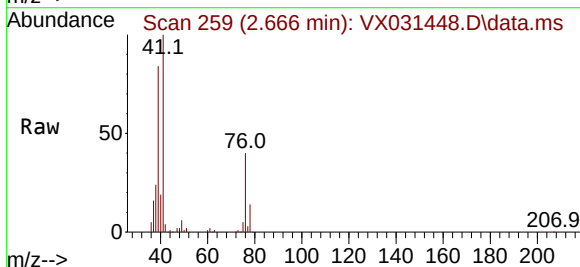
Manual Integrations
APPROVED

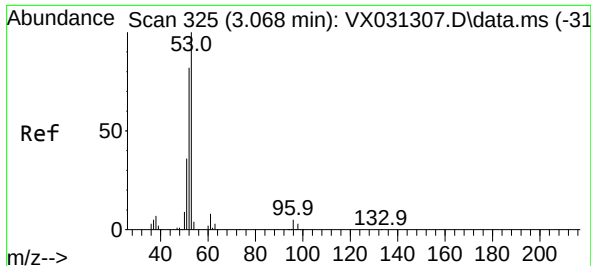
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#14
Allyl chloride
Concen: 33.103 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

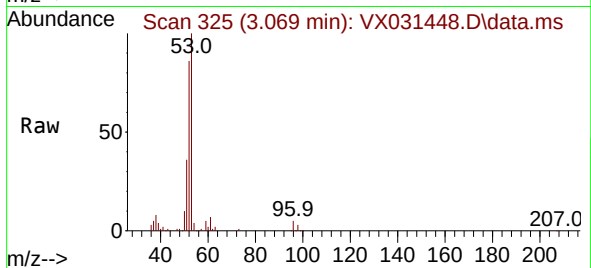
Tgt Ion: 41 Resp: 50833
Ion Ratio Lower Upper
41 100
39 75.9 58.2 87.4
76 36.2 26.9 40.3





#15
Acrylonitrile
Concen: 195.339 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

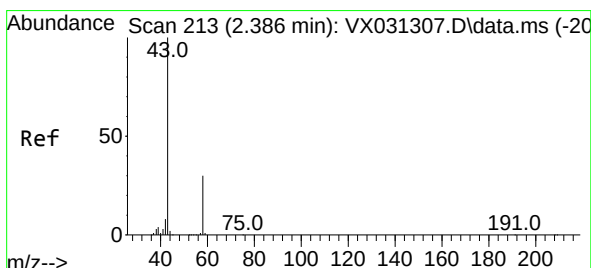
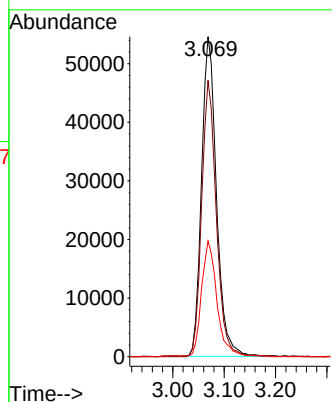
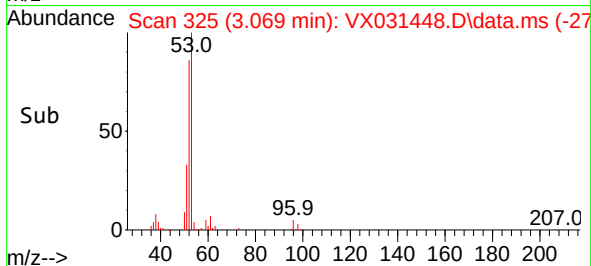
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 11010
Ion Ratio Lower Upper
53 100
52 84.8 66.9 100.3
51 37.5 30.0 45.0

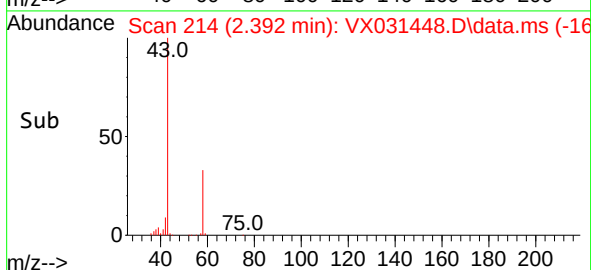
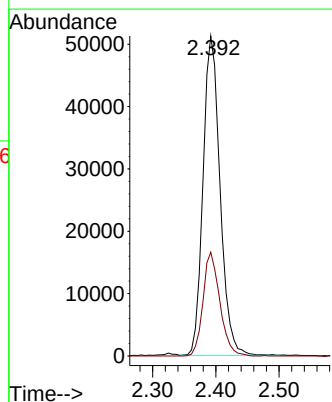
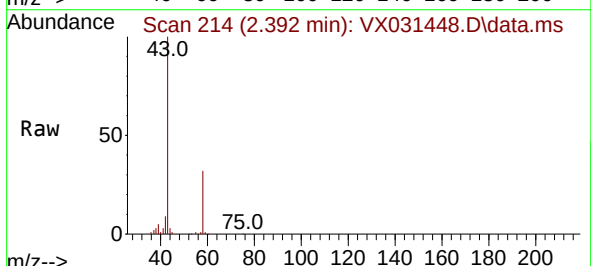
Manual Integrations
APPROVED

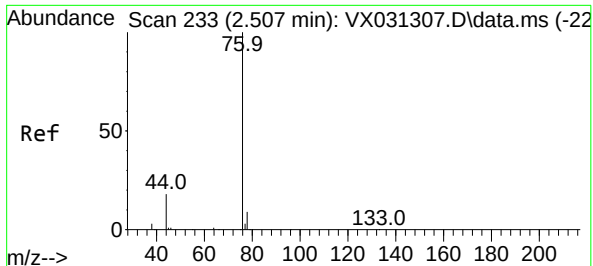
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 184.129 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Tgt Ion: 43 Resp: 96061
Ion Ratio Lower Upper
43 100
58 32.4 23.8 35.8





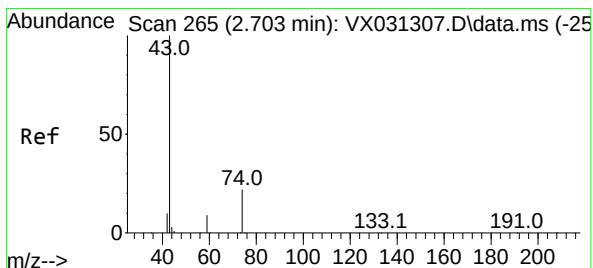
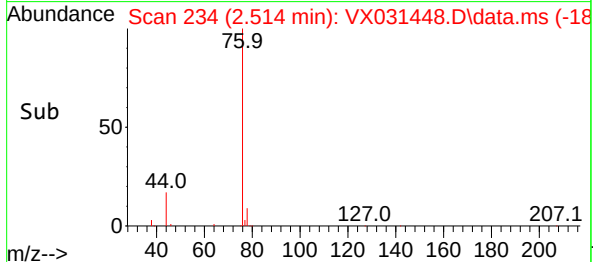
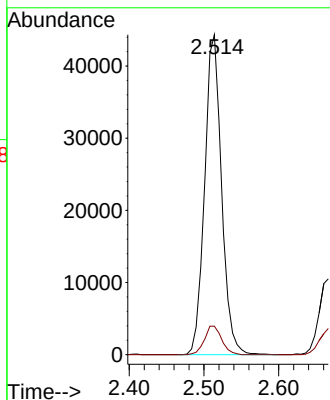
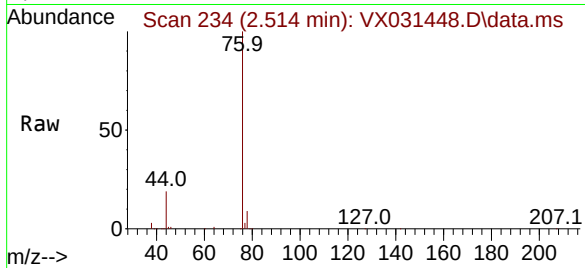
#17
Carbon Disulfide
Concen: 42.116 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 69820
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

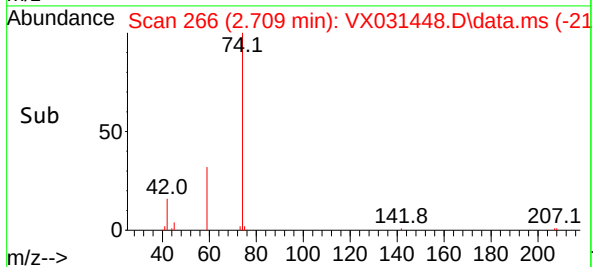
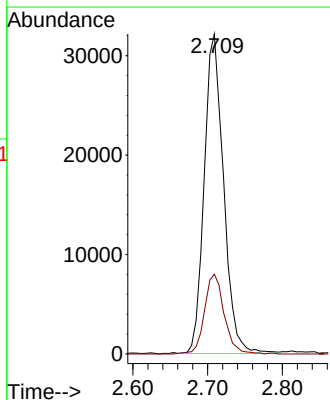
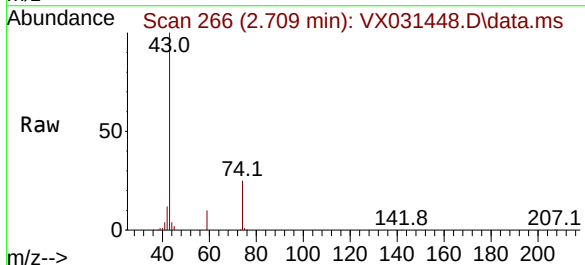
Manual Integrations
APPROVED

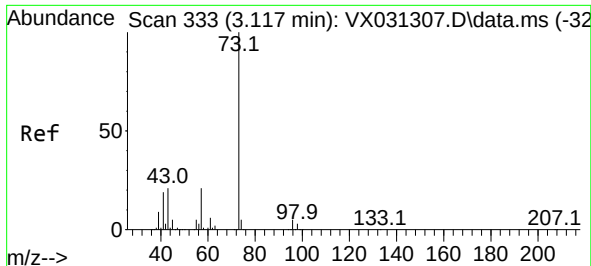
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#18
Methyl Acetate
Concen: 37.333 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Tgt Ion: 43 Resp: 57755
Ion Ratio Lower Upper
43 100
74 25.3 18.6 27.8





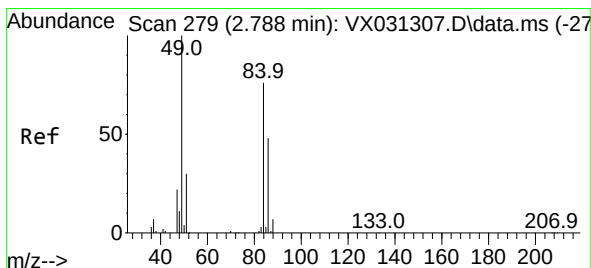
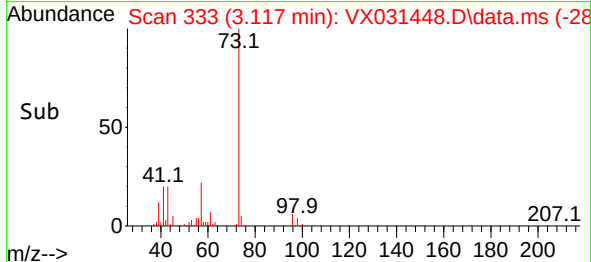
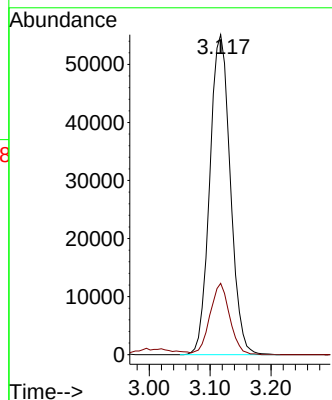
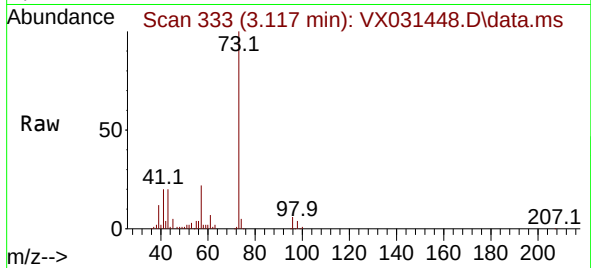
#19
Methyl tert-butyl Ether
Concen: 40.076 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 12900
Ion Ratio Lower Upper
73 100
57 22.3 17.2 25.8

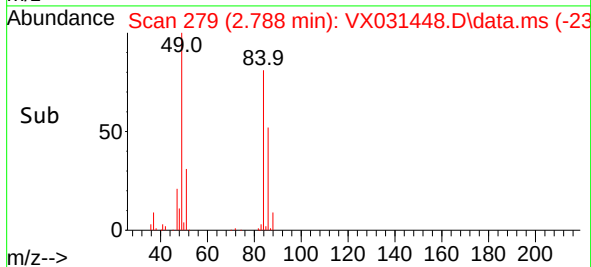
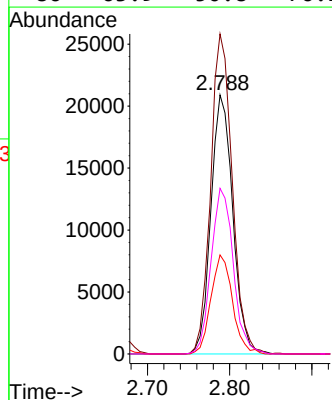
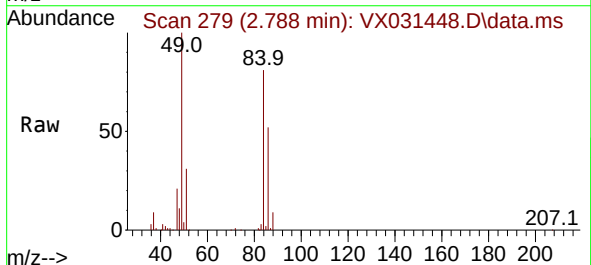
Manual Integrations
APPROVED

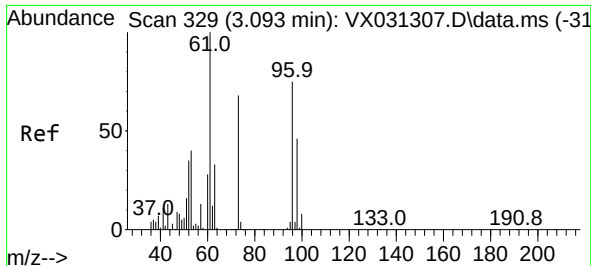
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 47.073 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

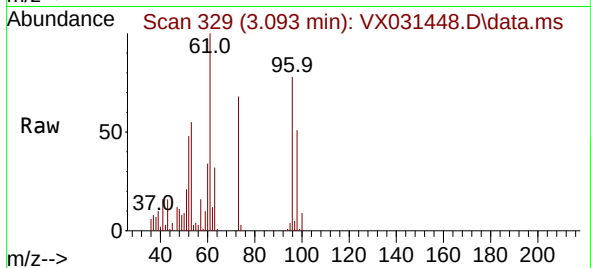
Tgt Ion: 84 Resp: 38628
Ion Ratio Lower Upper
84 100
49 123.5 105.9 158.9
51 38.2 32.2 48.2
86 63.9 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 46.993 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

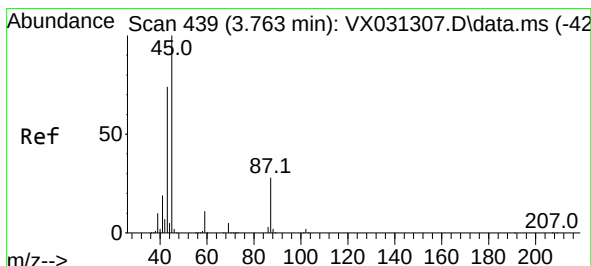
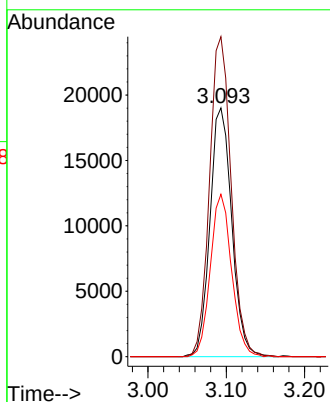
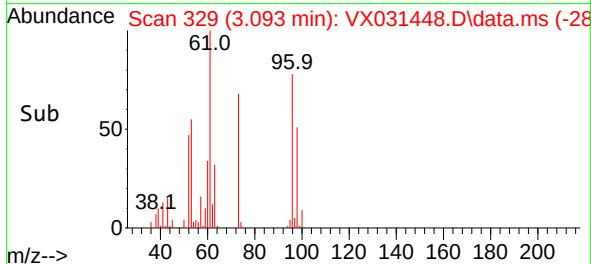
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 36780
Ion Ratio Lower Upper
96 100
61 128.6 106.7 160.1
98 65.3 48.7 73.1

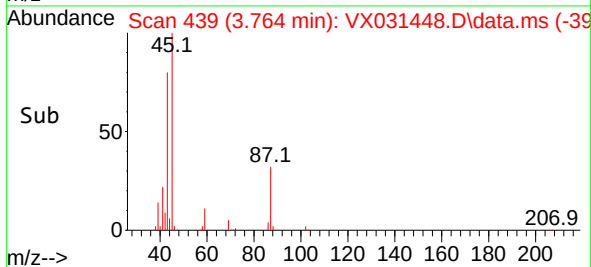
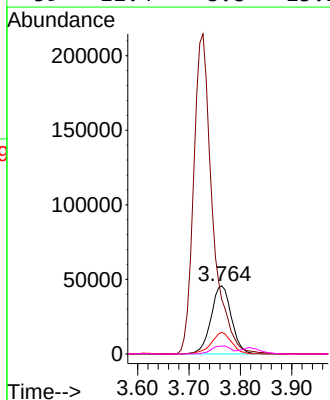
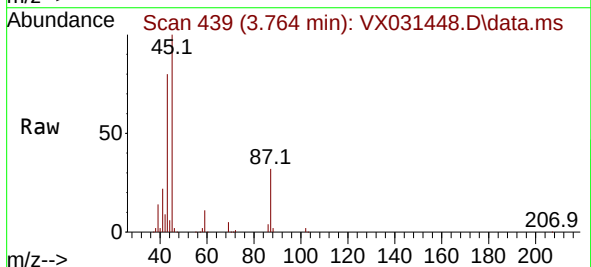
Manual Integrations
APPROVED

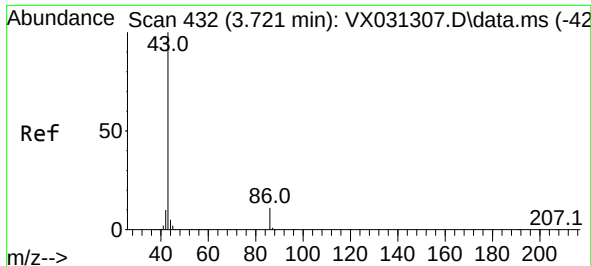
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 39.168 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

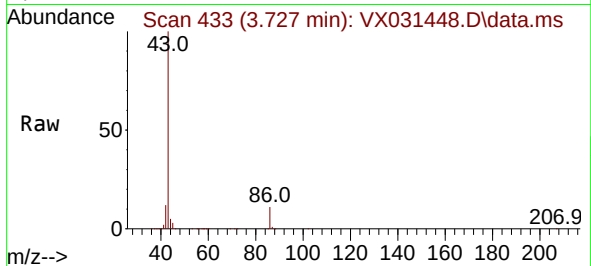
Tgt Ion: 45 Resp: 125863
Ion Ratio Lower Upper
45 100
43 78.9 59.0 88.6
87 31.6 22.6 33.8
59 11.4 8.8 13.2





#23
 Vinyl Acetate
 Concen: 204.671 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25

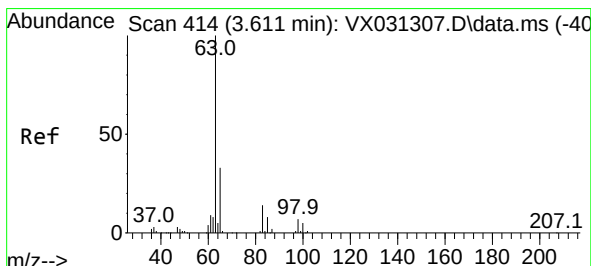
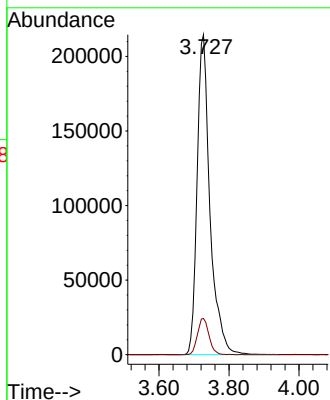
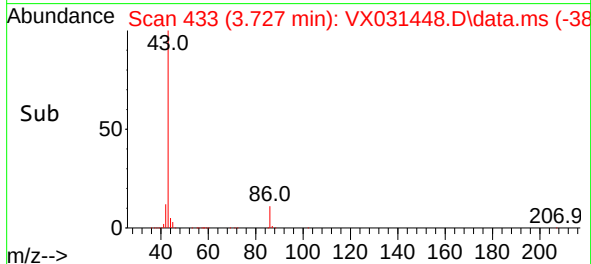
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



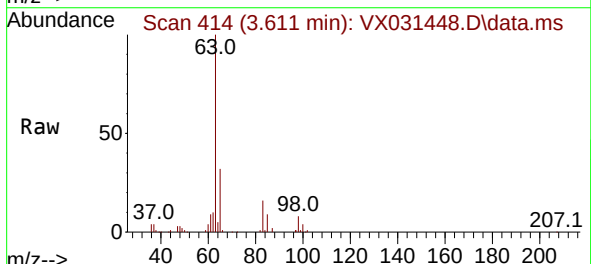
Tgt Ion: 43 Resp: 54658
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1

Manual Integrations
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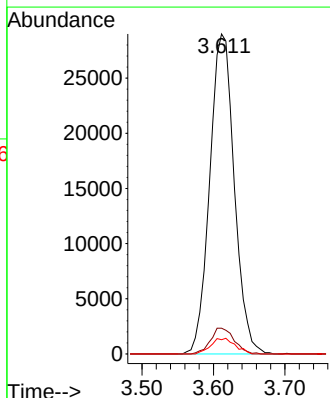
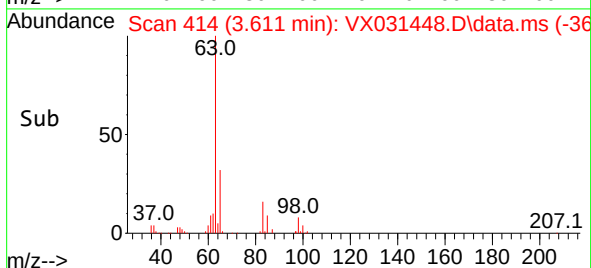
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

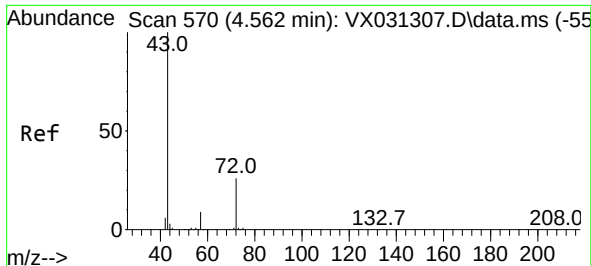


#24
 1,1-Dichloroethane
 Concen: 41.037 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25



Tgt Ion: 63 Resp: 69206
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 4.5 2.4 7.2





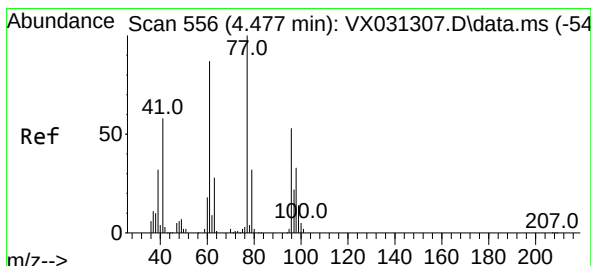
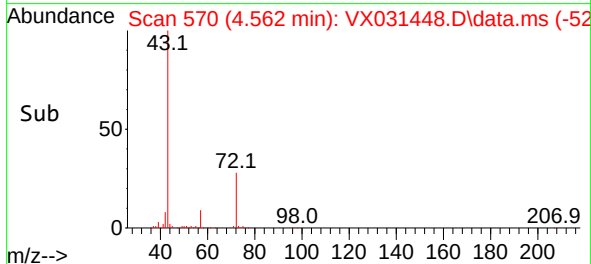
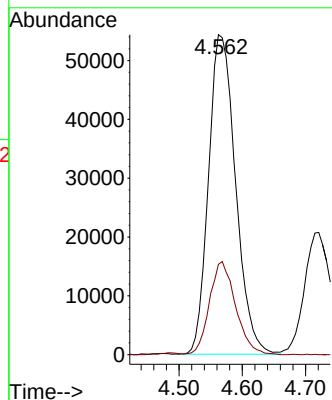
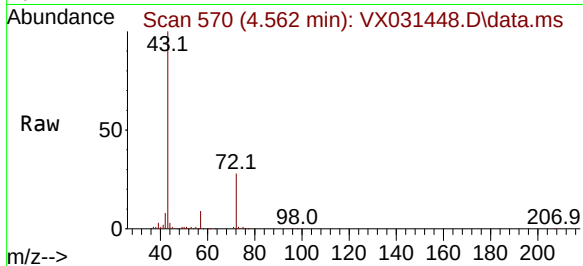
#25
2-Butanone
Concen: 187.391 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 16125
Ion Ratio Lower Upper
43 100
72 28.3 21.1 31.7

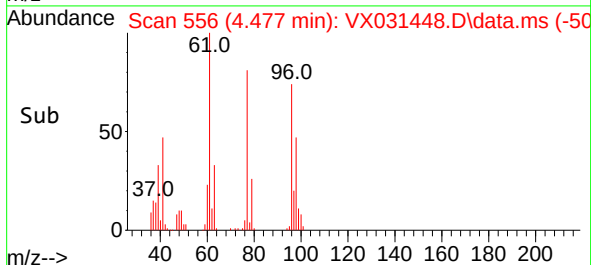
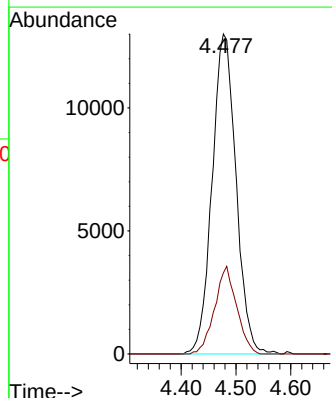
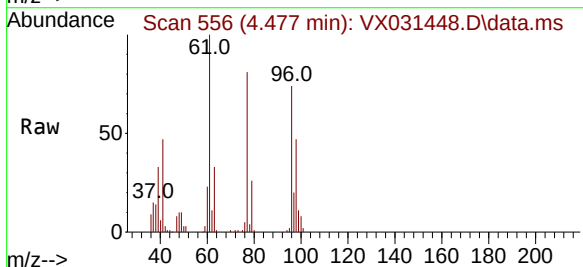
Manual Integrations
APPROVED

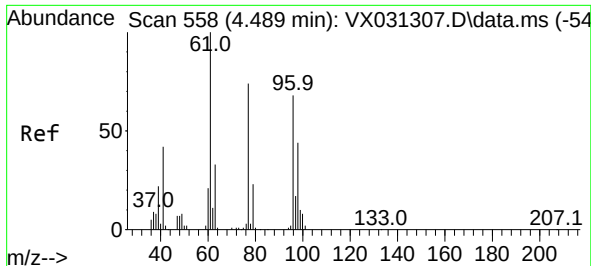
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 24.601 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

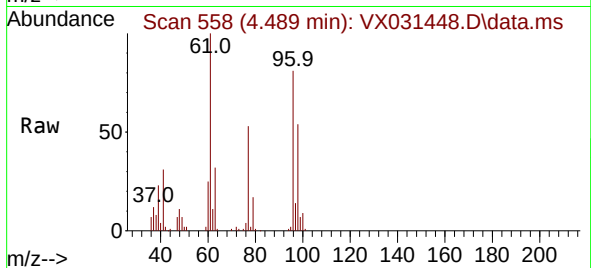
Tgt Ion: 77 Resp: 39361
Ion Ratio Lower Upper
77 100
97 25.2 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.078 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25

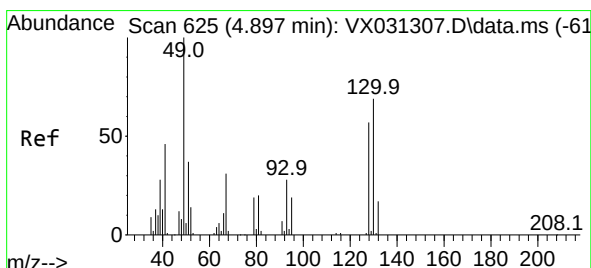
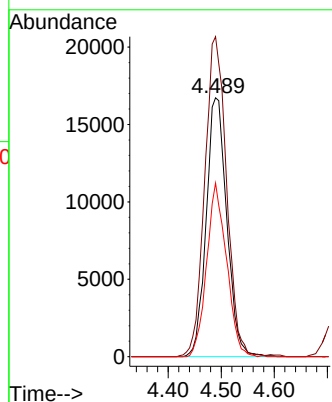
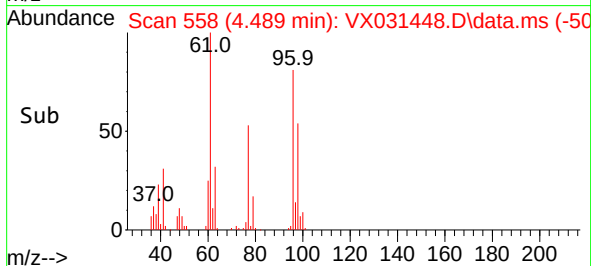
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



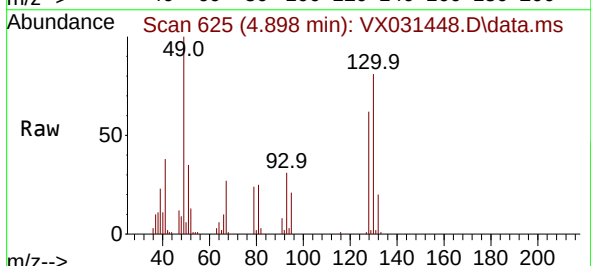
Tgt Ion: 96 Resp: 4513
 Ion Ratio Lower Upper
 96 100
 61 130.6 0.0 305.2
 98 64.6 0.0 128.4

Manual Integrations
 APPROVED

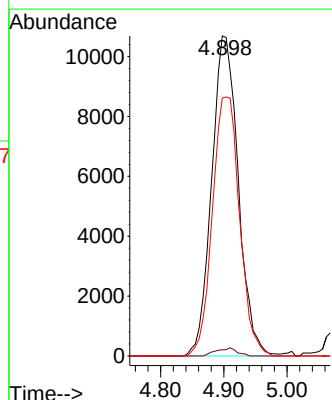
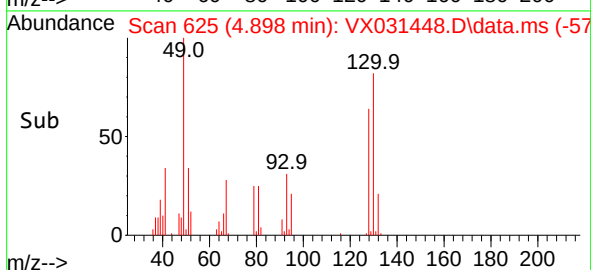
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

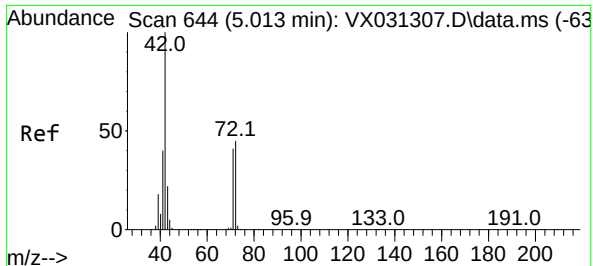


#28
 Bromochloromethane
 Concen: 39.754 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25



Tgt Ion: 49 Resp: 31249
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 82.4 59.0 88.4





#29

Tetrahydrofuran

Concen: 190.808 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

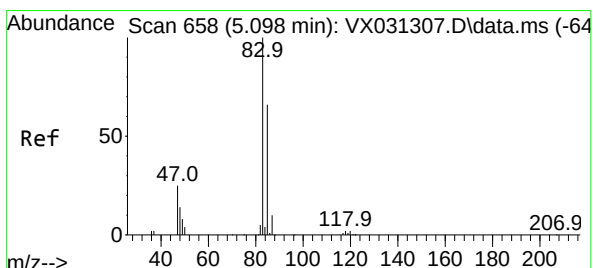
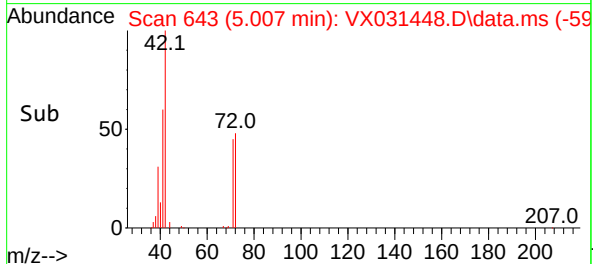
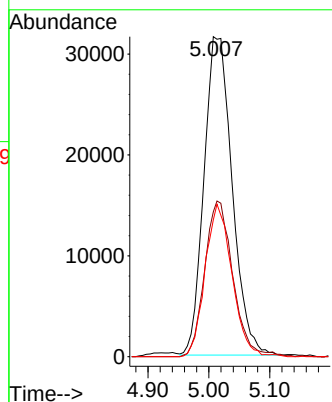
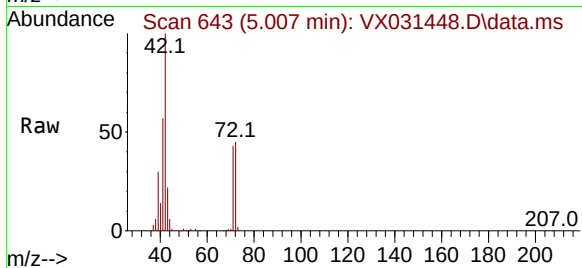
Tgt Ion:	42	Resp:	101700
Ion Ratio	Lower	Upper	
42	100		
72	48.9	36.4	54.6
71	45.7	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 44.251 ug/l

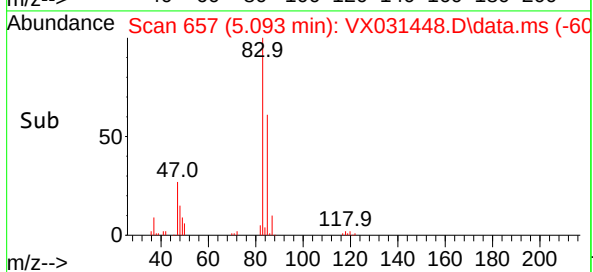
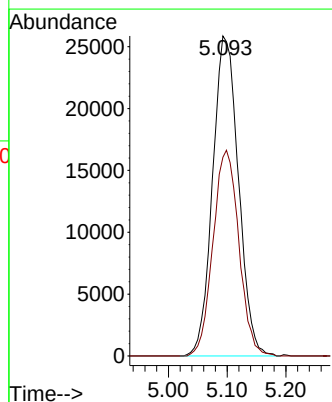
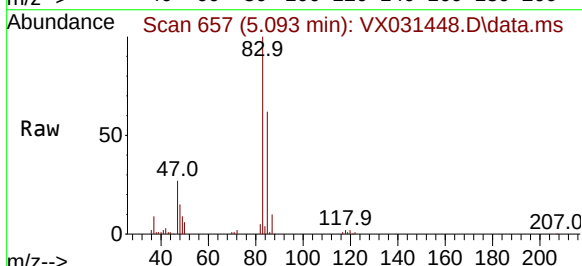
RT: 5.093 min Scan# 657

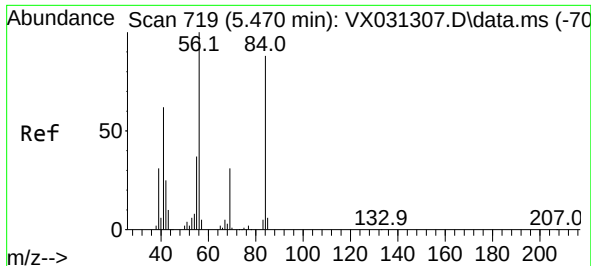
Delta R.T. -0.006 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

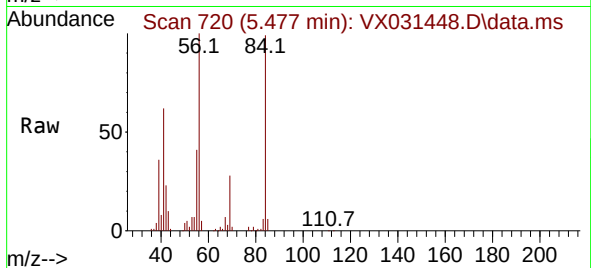
Tgt Ion:	83	Resp:	79024
Ion Ratio	Lower	Upper	
83	100		
85	62.1	52.8	79.2





#31
Cyclohexane
Concen: 42.533 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

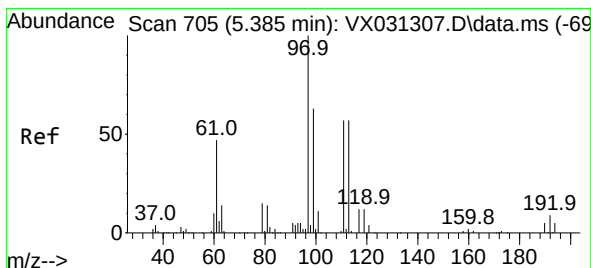
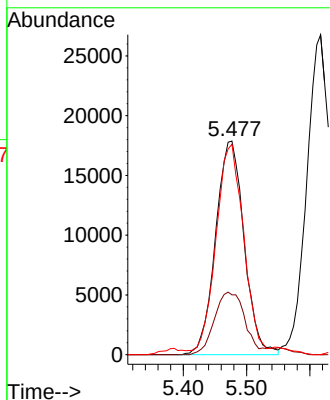
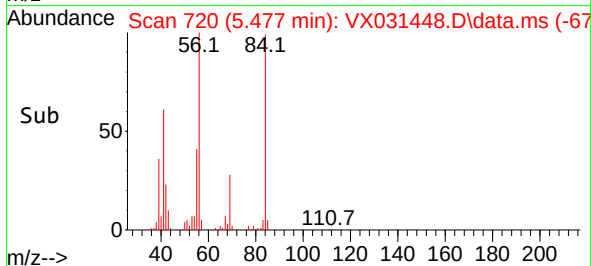
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5584
Ion Ratio Lower Upper
56 100
69 28.0 25.1 37.7
84 96.6 70.2 105.4

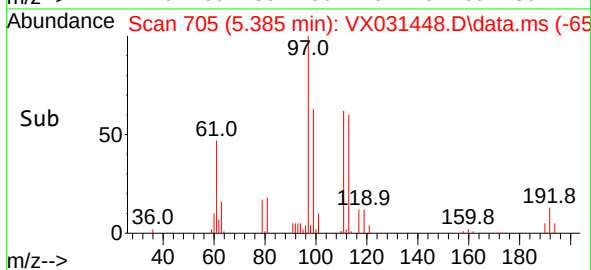
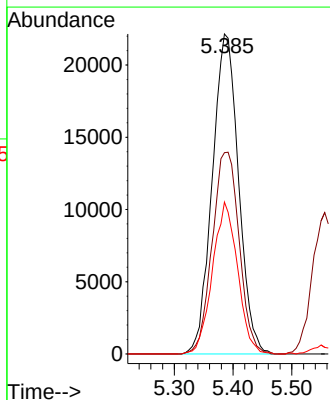
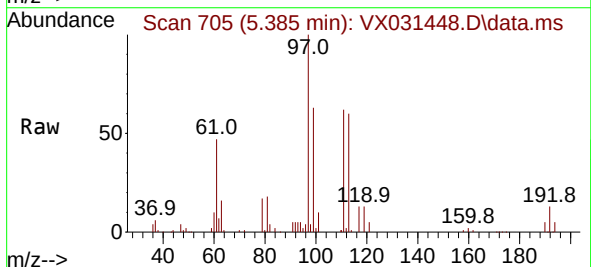
Manual Integrations
APPROVED

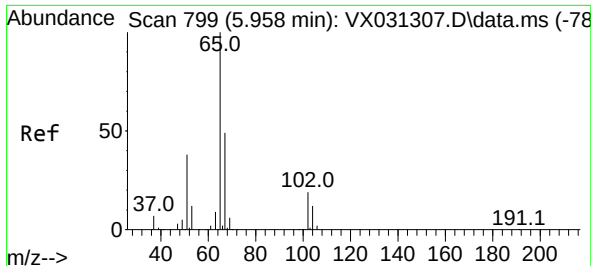
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 43.051 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Tgt Ion: 97 Resp: 68888
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 45.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 37.154 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4540

Ion Ratio Lower Upper

65 100

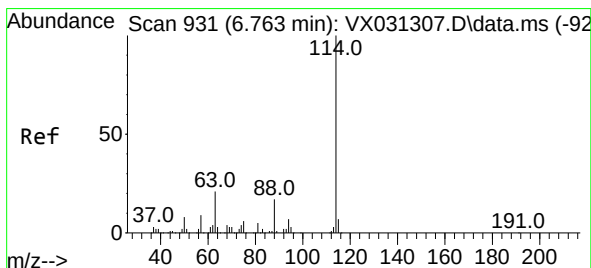
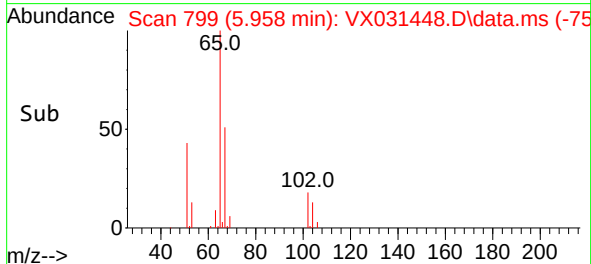
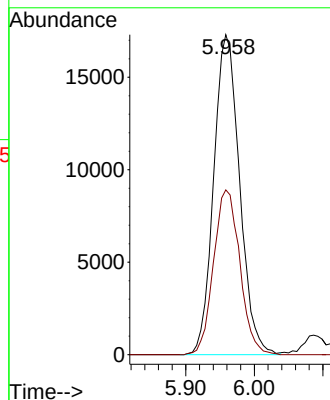
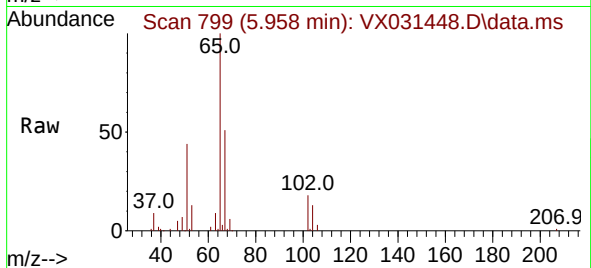
67 52.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

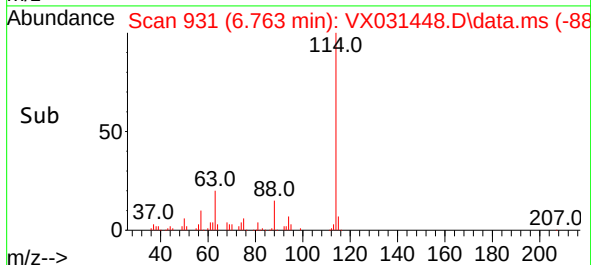
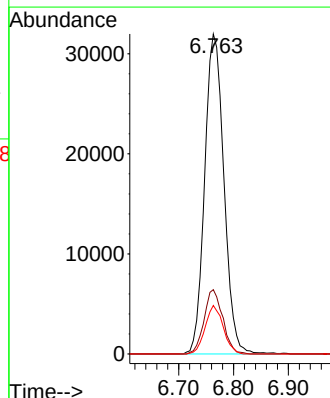
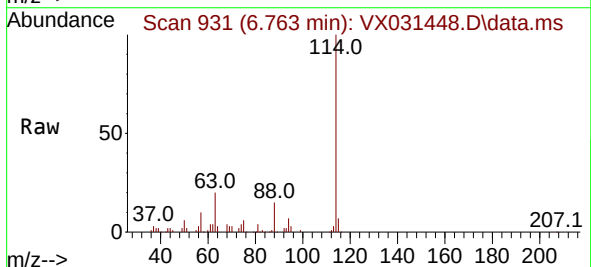
Tgt Ion:114 Resp: 77891

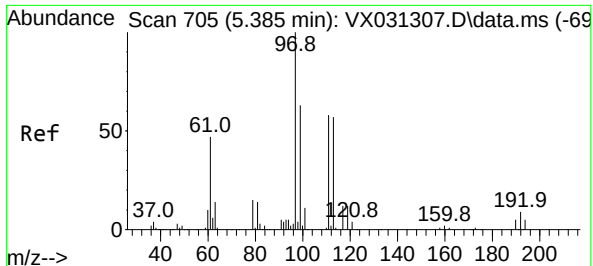
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.929 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

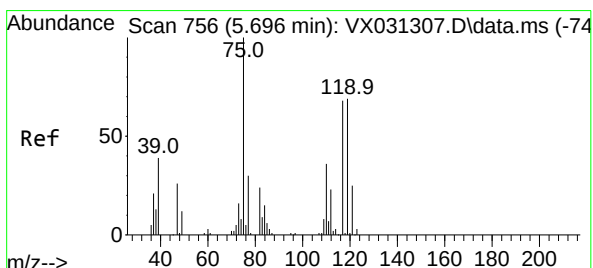
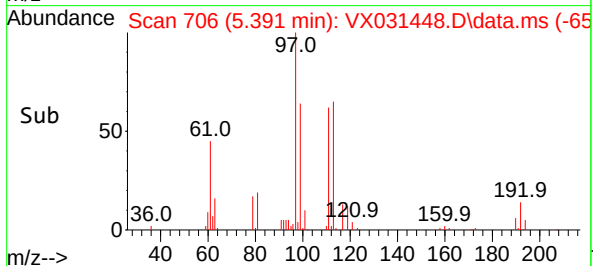
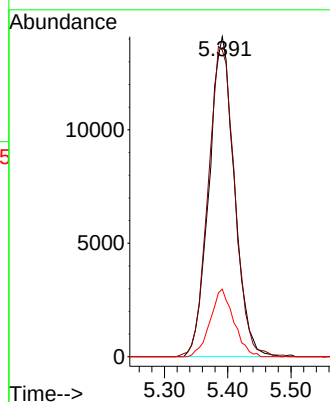
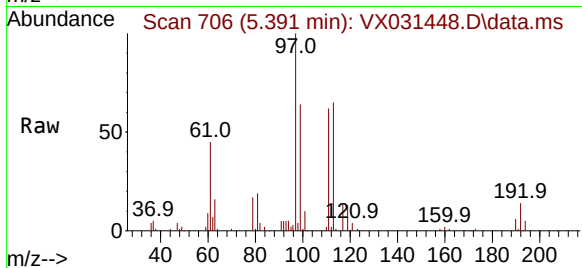
Tgt Ion:	113	Resp:	3929
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	19.7	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 45.766 ug/l

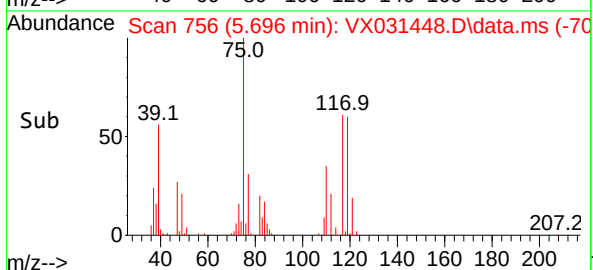
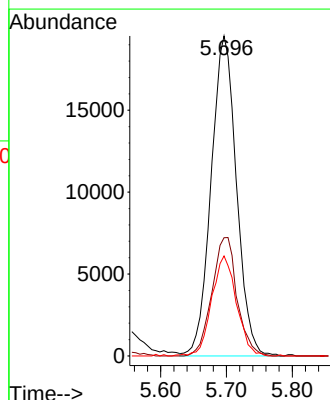
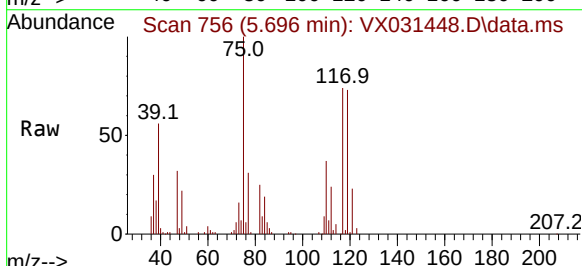
RT: 5.696 min Scan# 756

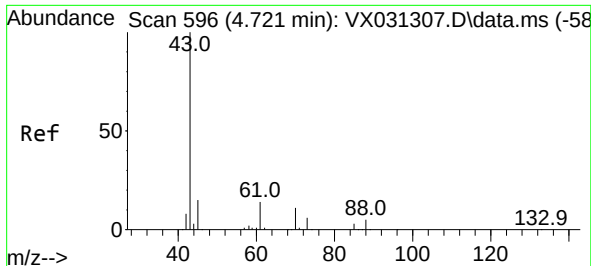
Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Tgt Ion:	75	Resp:	52448
Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.5	52.5
77	30.6	24.9	37.3





#37

Ethyl Acetate

Concen: 41.254 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 62128

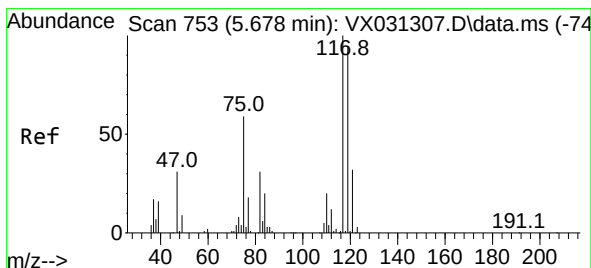
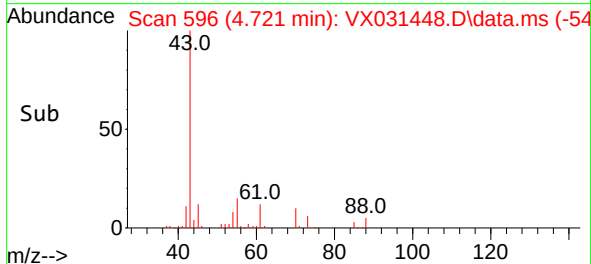
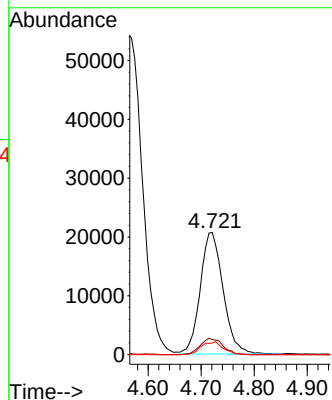
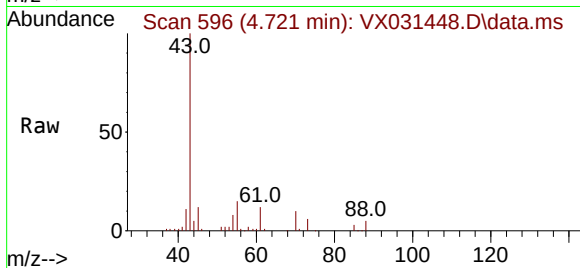
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 47.306 ug/l

RT: 5.678 min Scan# 753

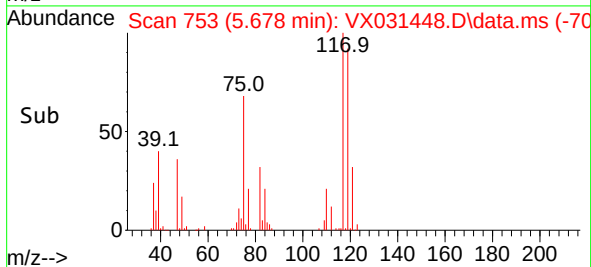
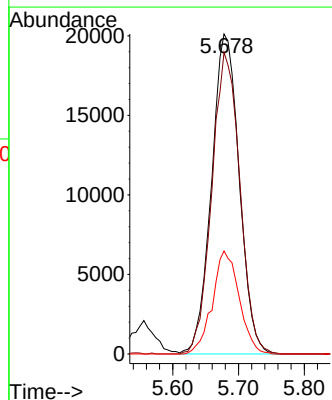
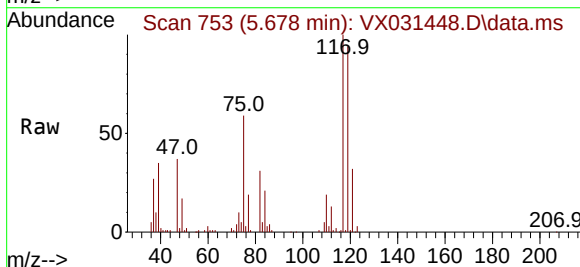
Delta R.T. 0.000 min

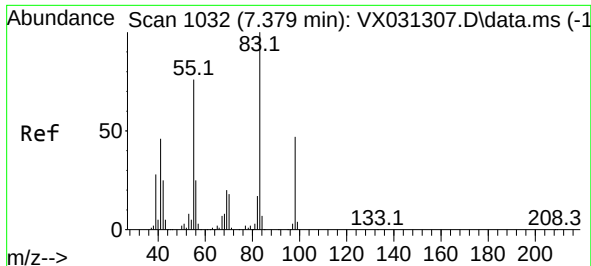
Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Tgt Ion:117 Resp: 58929

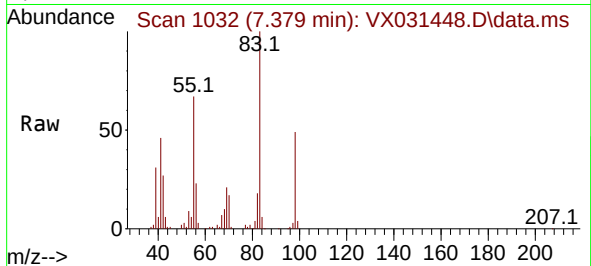
Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.6	112.0
121	32.2	25.3	37.9





#39
Methylcyclohexane
Concen: 46.901 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

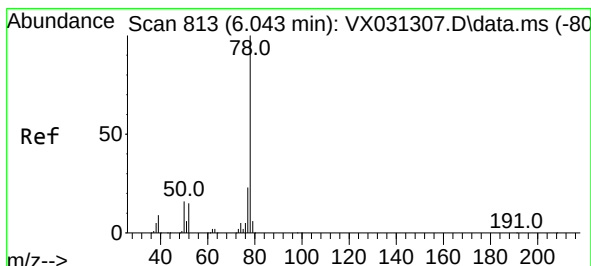
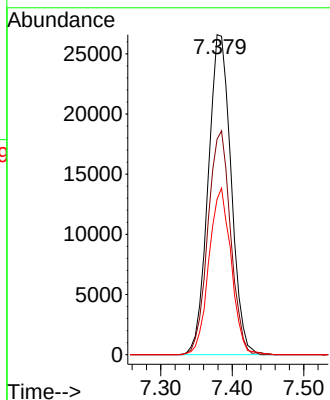
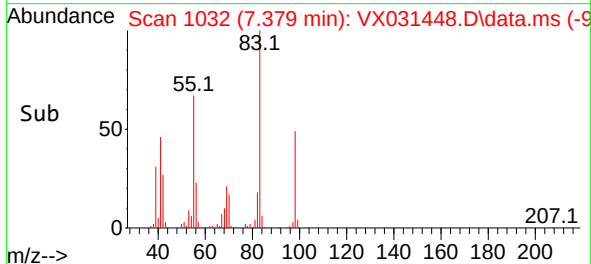
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



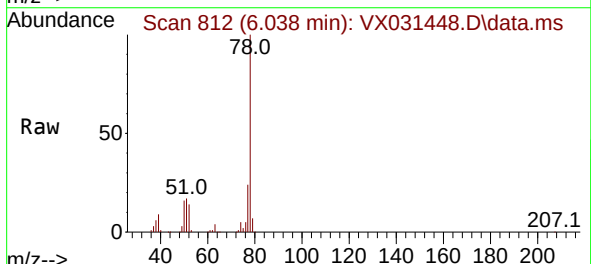
Tgt Ion: 83 Resp: 59192
Ion Ratio Lower Upper
83 100
55 67.3 61.0 91.4
98 48.6 37.7 56.5

Manual Integrations
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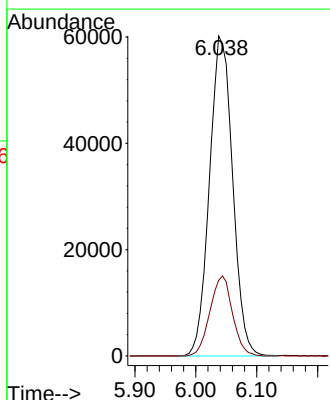
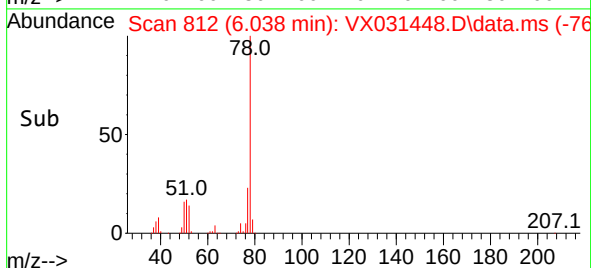
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

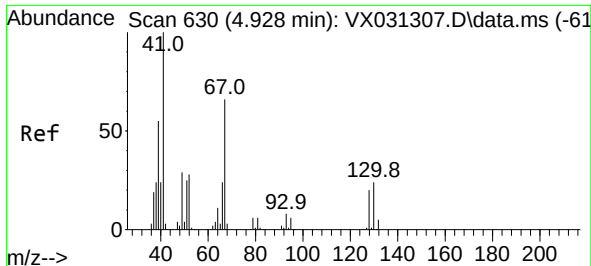


#40
Benzene
Concen: 48.372 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



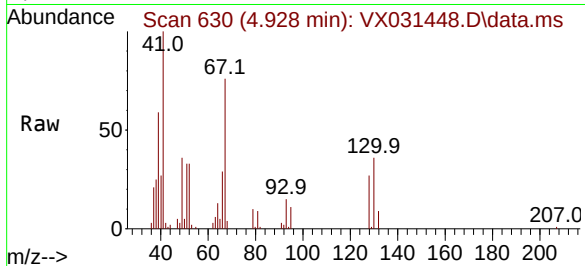
Tgt Ion: 78 Resp: 159185
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41
Methacrylonitrile
Concen: 38.886 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

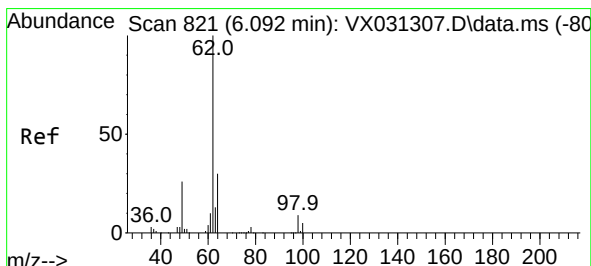
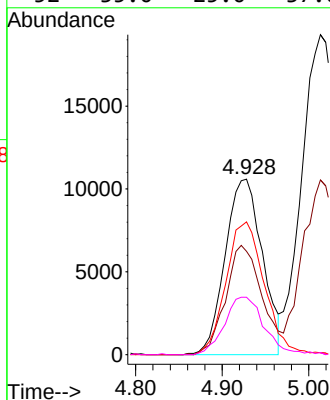
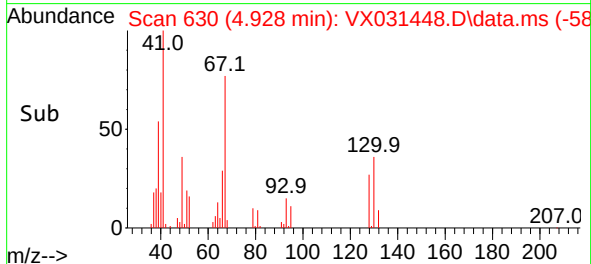
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	3172
Ion Ratio	100	Lower	Upper
39	61.3	45.0	67.6
67	78.0	58.2	87.4
52	35.0	25.0	37.6

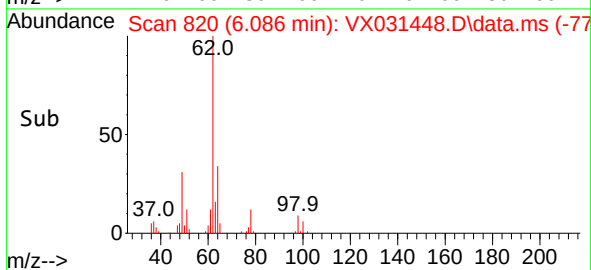
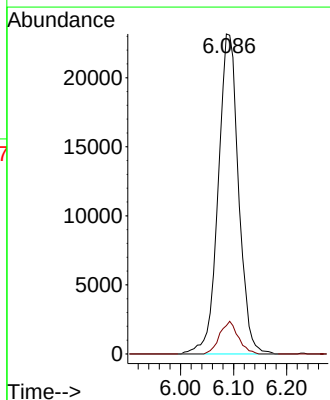
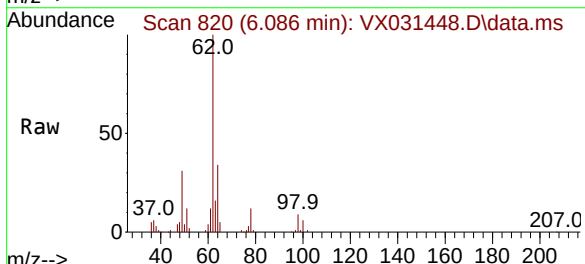
Manual Integrations
APPROVED

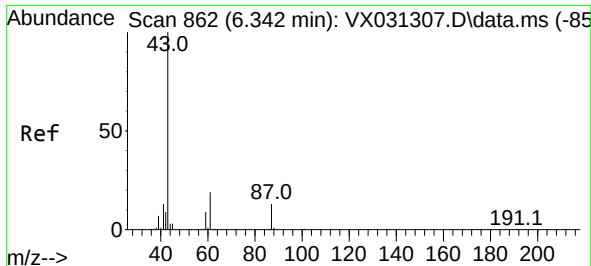
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
1,2-Dichloroethane
Concen: 46.512 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

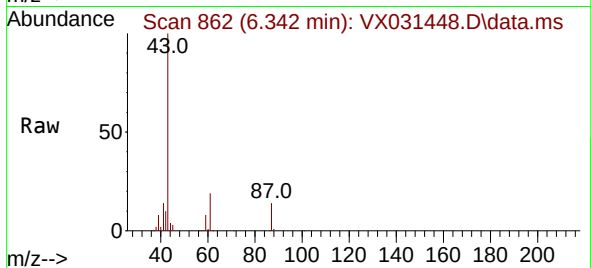
Tgt Ion:	62	Resp:	61741
Ion Ratio	100	Lower	Upper
98	9.3	0.0	17.8





#43
Isopropyl Acetate
Concen: 40.147 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

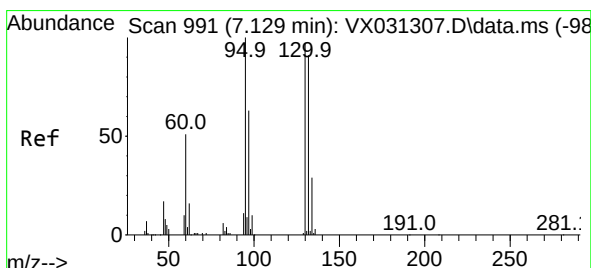
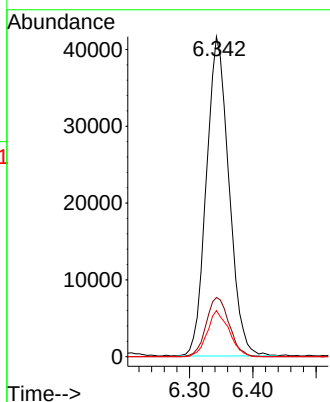
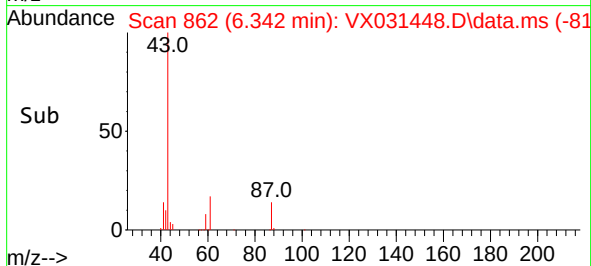
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



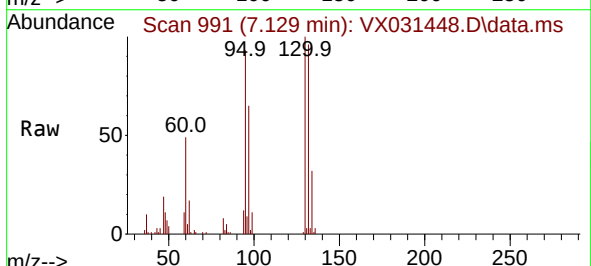
Tgt Ion: 43 Resp: 10320
Ion Ratio Lower Upper
43 100
61 18.9 15.3 22.9
87 13.9 10.6 15.8

Manual Integrations
APPROVED

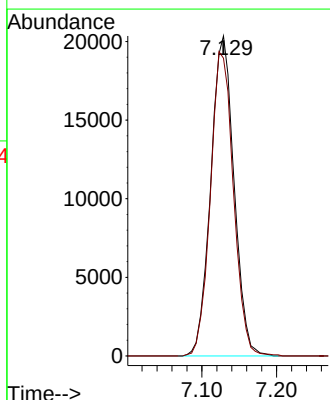
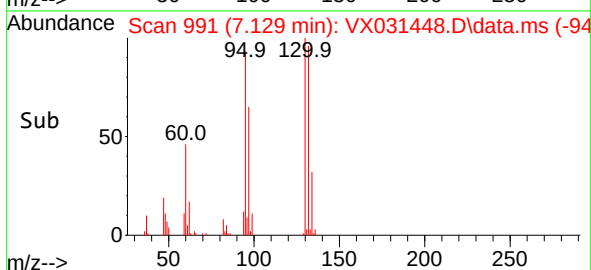
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

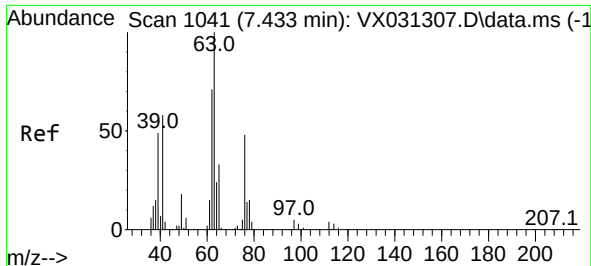


#44
Trichloroethene
Concen: 52.568 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion:130 Resp: 44107
Ion Ratio Lower Upper
130 100
95 93.0 0.0 206.8





#45

1,2-Dichloropropane

Concen: 46.700 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4207

Ion Ratio Lower Upper

63 100

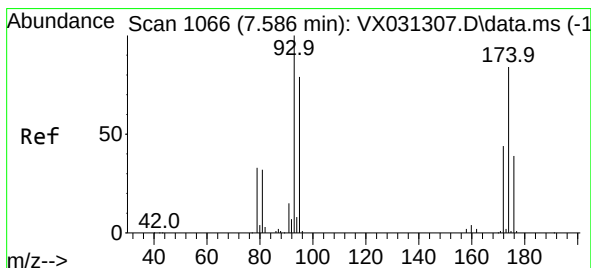
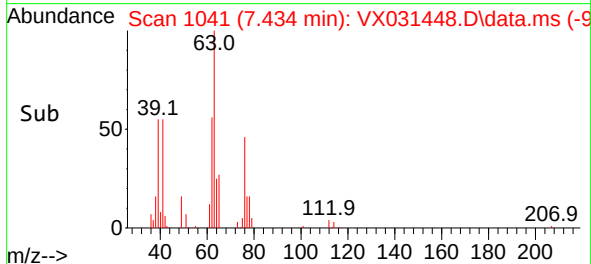
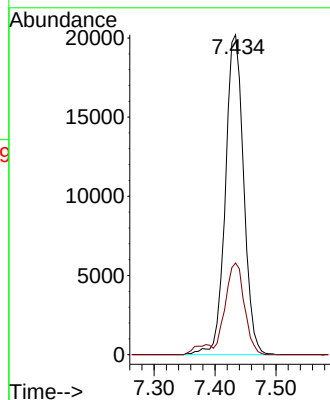
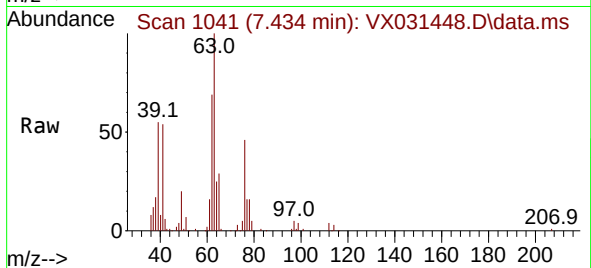
65 28.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 49.539 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

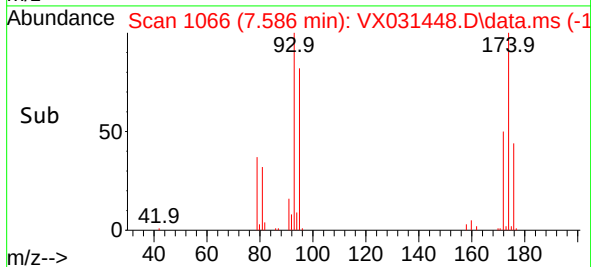
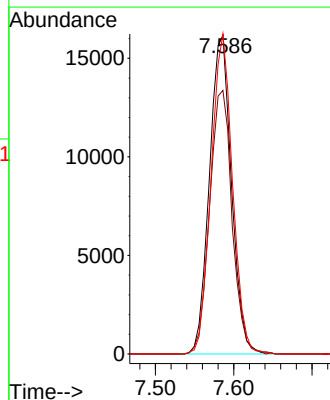
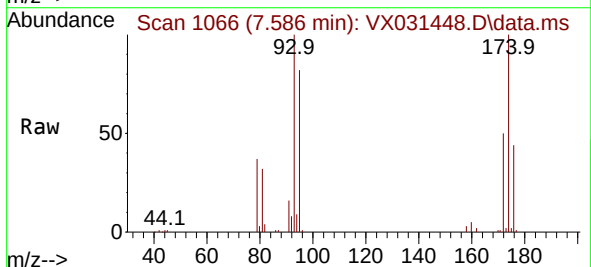
Tgt Ion: 93 Resp: 31651

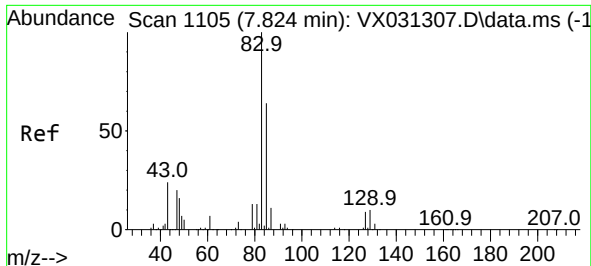
Ion Ratio Lower Upper

93 100

95 84.1 65.5 98.3

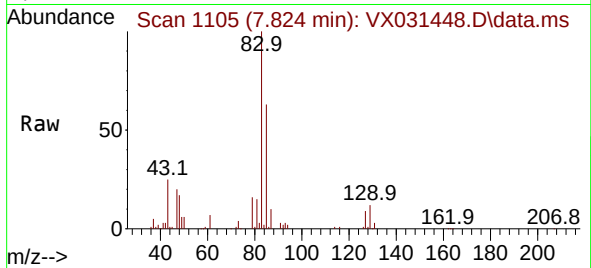
174 97.3 67.6 101.4





#47
Bromodichloromethane
Concen: 46.569 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

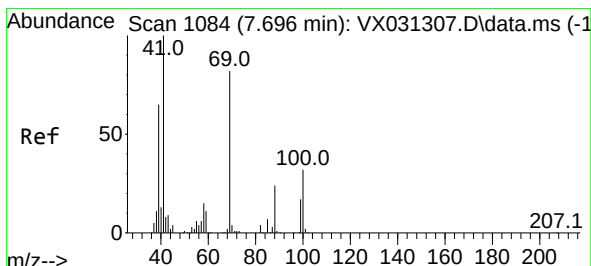
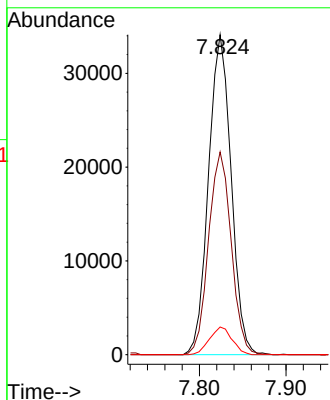
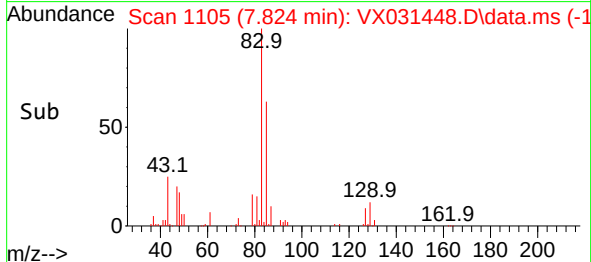
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



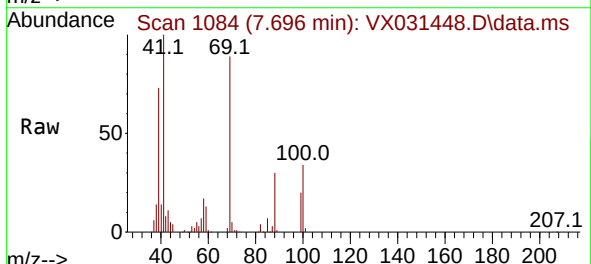
Tgt Ion: 83 Resp: 6188
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6
127 8.7 7.0 10.6

Manual Integrations
APPROVED

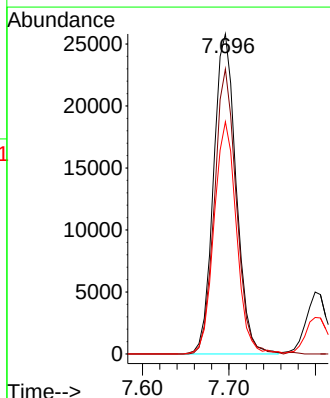
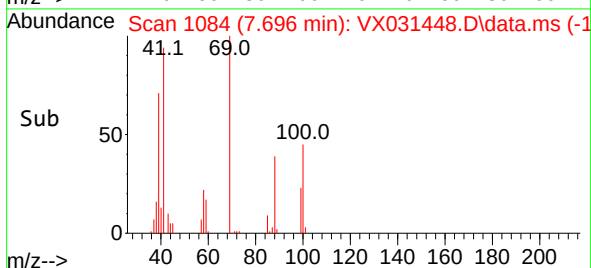
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

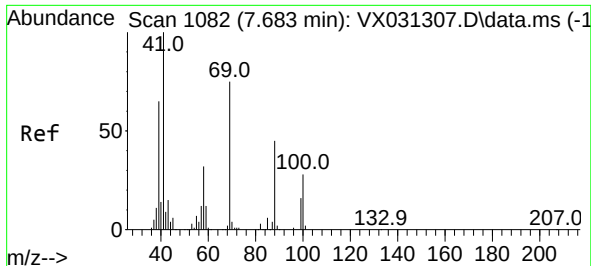


#48
Methyl methacrylate
Concen: 40.007 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion: 41 Resp: 46817
Ion Ratio Lower Upper
41 100
69 86.3 64.6 96.8
39 72.0 51.4 77.0





#49

1,4-Dioxane

Concen: 986.263 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.019 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

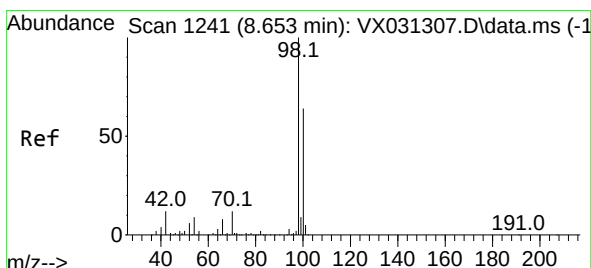
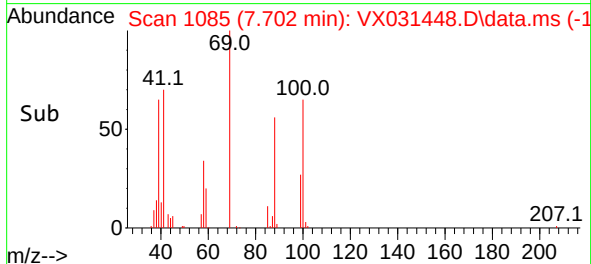
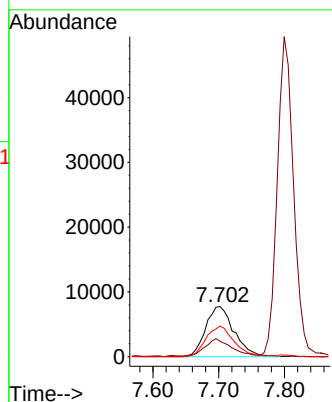
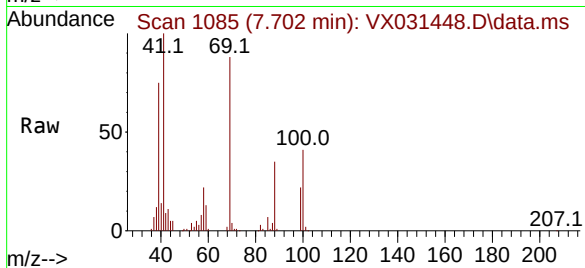
Tgt Ion:	88	Resp:	23140
Ion Ratio	Lower	Upper	
88	100		
43	30.6	27.1	40.7
58	59.9	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 46.302 ug/l

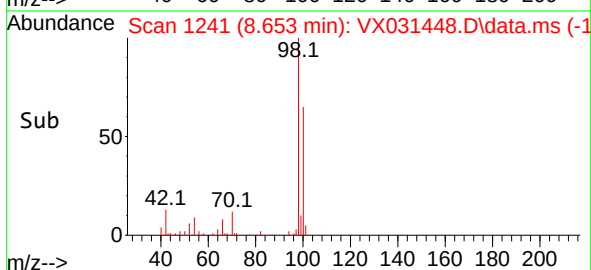
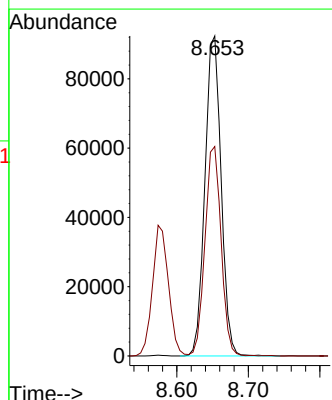
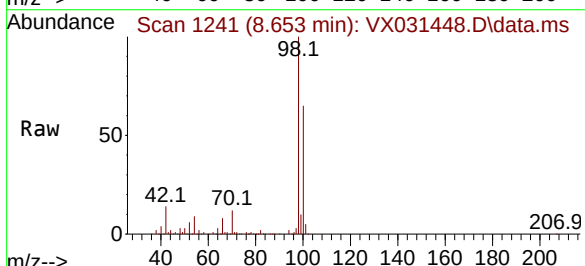
RT: 8.653 min Scan# 1241

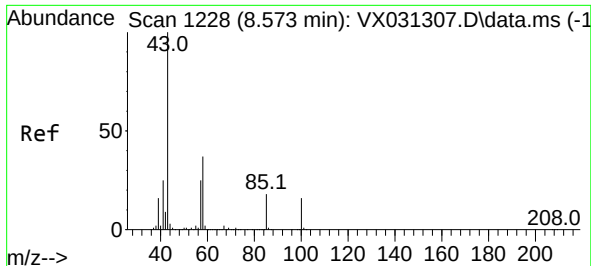
Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Tgt Ion:	98	Resp:	145421
Ion Ratio	Lower	Upper	
98	100		
100	64.9	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 223.333 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

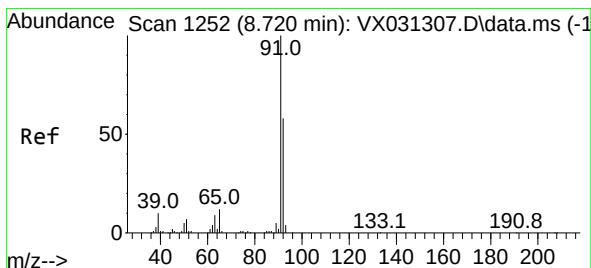
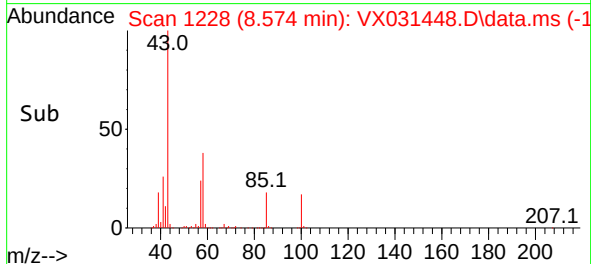
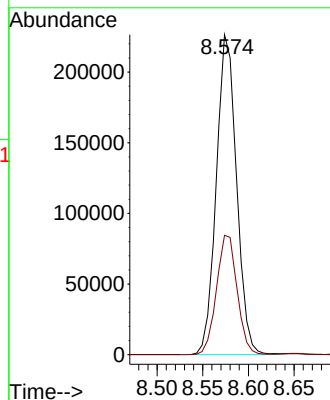
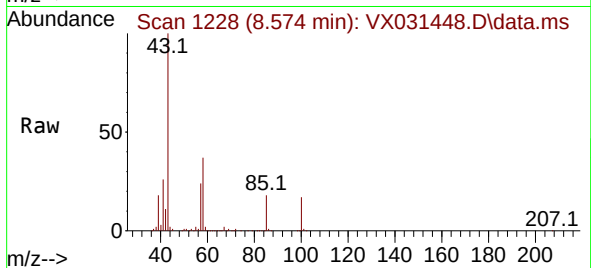
VSTDCCC050EC

Tgt Ion: 43 Resp: 348960
Ion Ratio Lower Upper
43 100
58 38.1 30.6 46.0

Manual Integrations

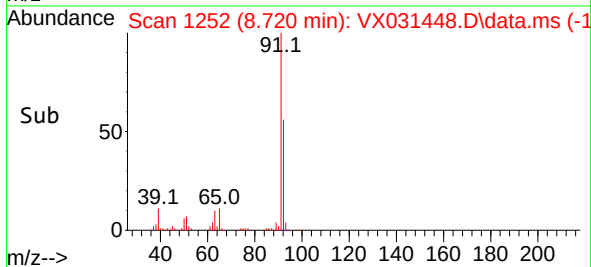
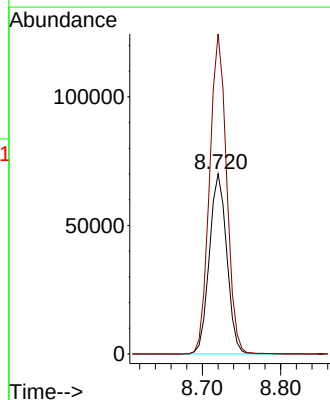
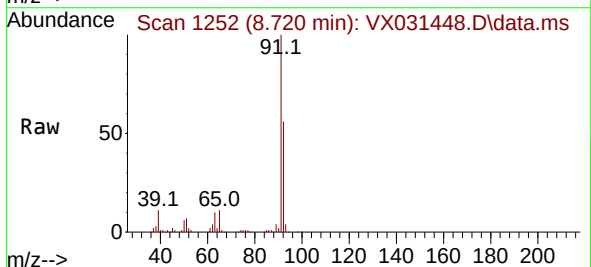
APPROVED

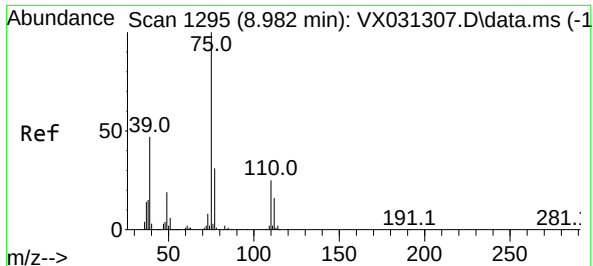
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 51.879 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

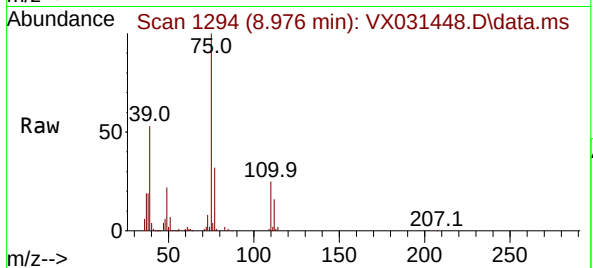
Tgt Ion: 92 Resp: 107998
Ion Ratio Lower Upper
92 100
91 174.3 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 41.227 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

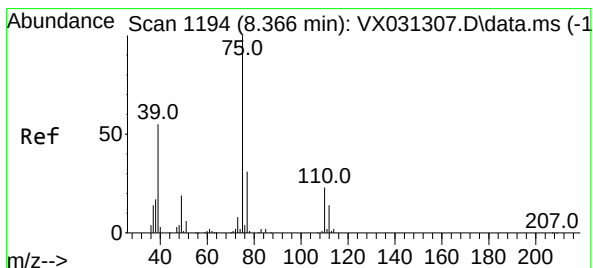
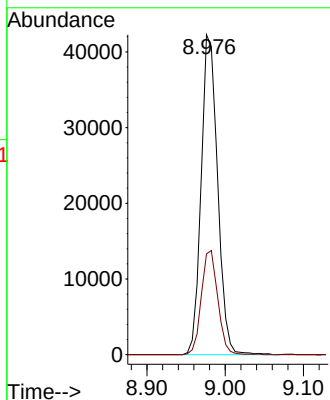
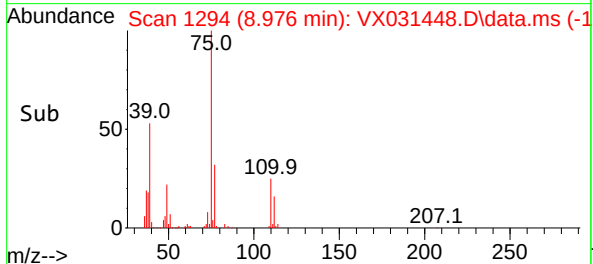
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 61654
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2

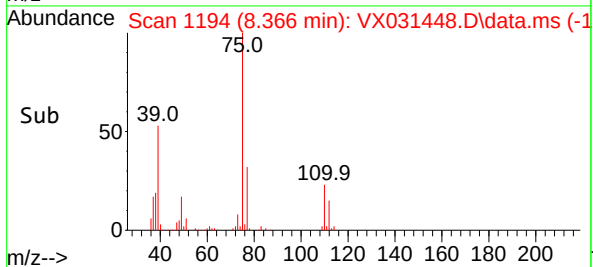
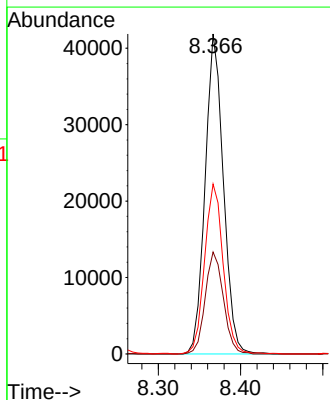
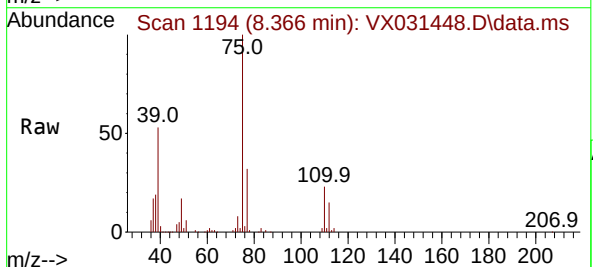
Manual Integrations
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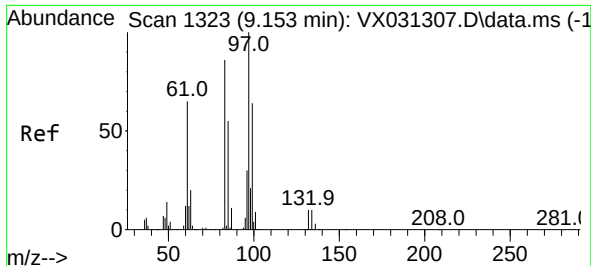
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#54
cis-1,3-Dichloropropene
Concen: 42.013 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

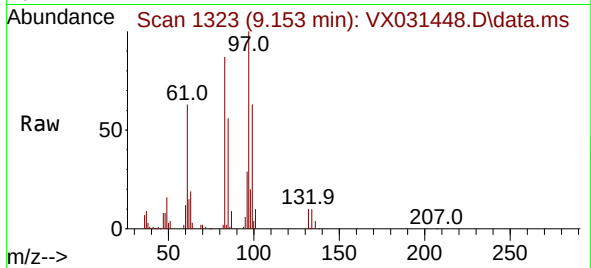
Tgt Ion: 75 Resp: 64567
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6
39 53.1 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 51.047 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

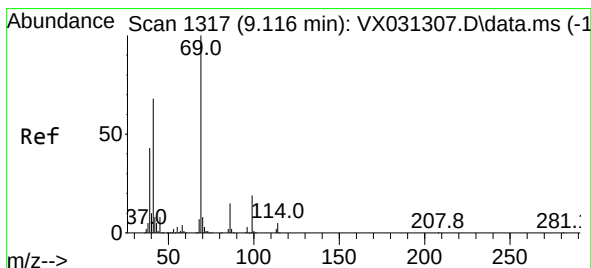
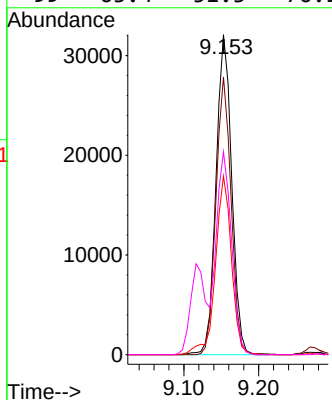
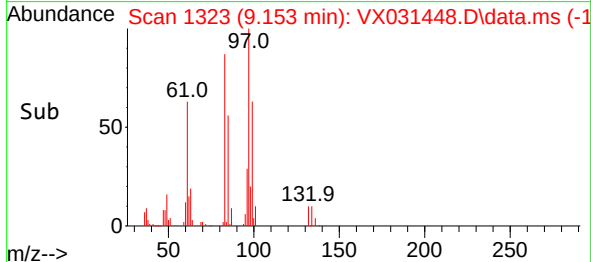


Tgt Ion: 97 Resp: 46910

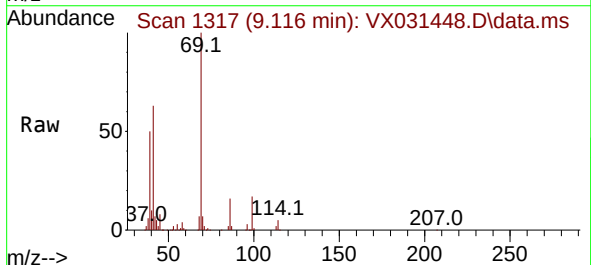
Ion	Ratio	Lower	Upper
97	100		
83	86.8	69.0	103.6
85	55.8	44.1	66.1
99	63.4	51.3	76.9

Manual Integrations
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Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

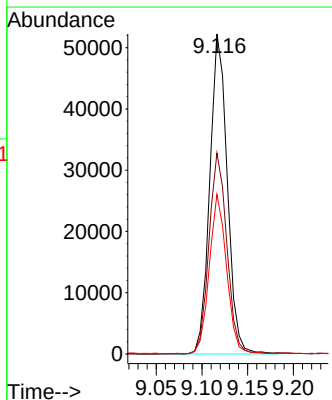
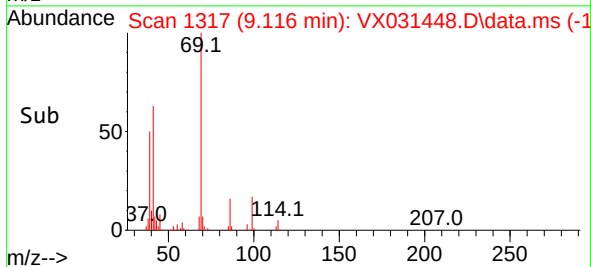


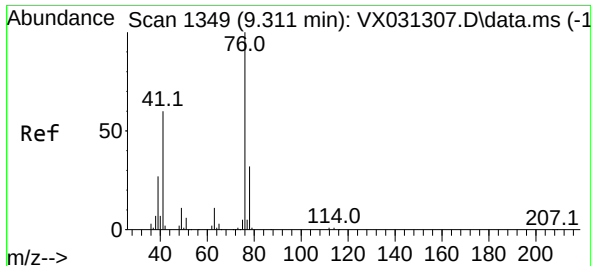
#56
Ethyl methacrylate
Concen: 46.708 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion: 69 Resp: 69484

Ion	Ratio	Lower	Upper
69	100		
41	64.2	54.2	81.4
39	49.1	34.2	51.2





#57

1,3-Dichloropropane

Concen: 47.473 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 7496

Ion Ratio Lower Upper

76 100

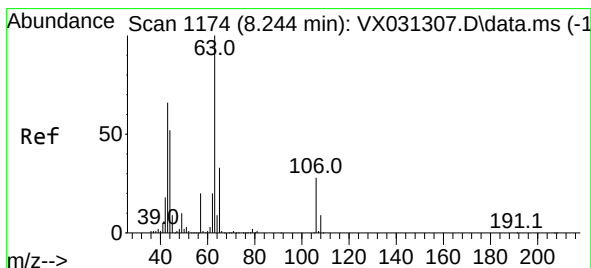
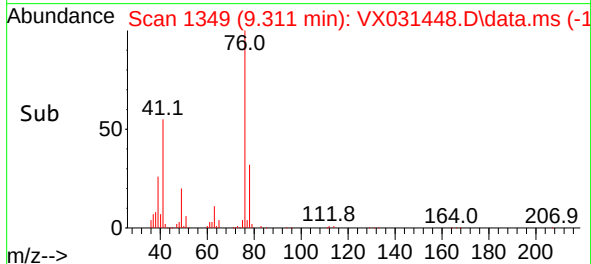
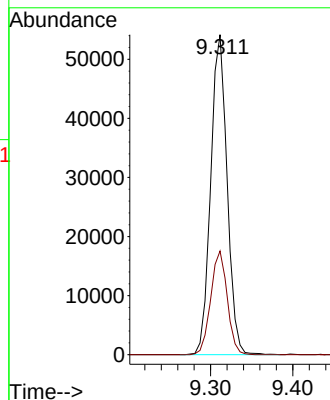
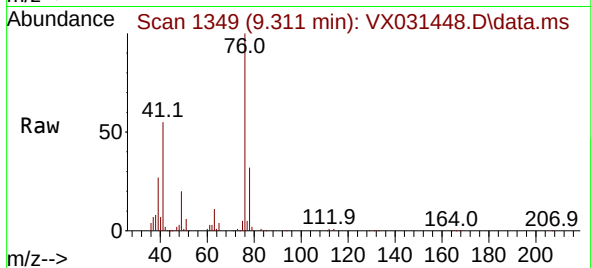
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 210.898 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031448.D

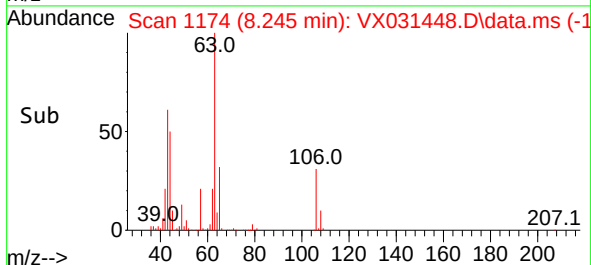
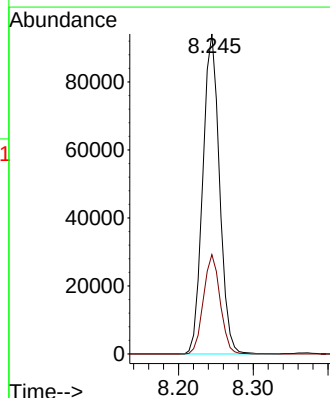
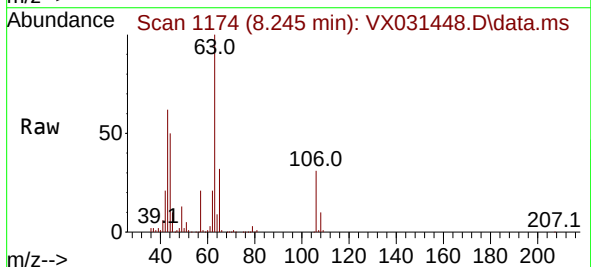
Acq: 17 Sep 2022 06:25

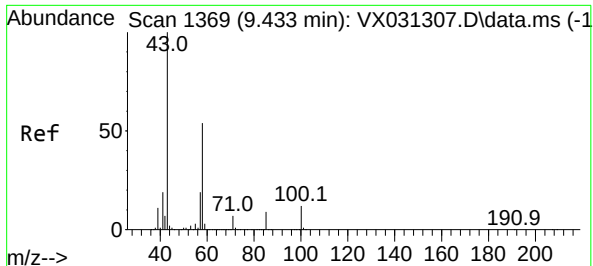
Tgt Ion: 63 Resp: 146178

Ion Ratio Lower Upper

63 100

106 30.9 22.6 34.0





#59

2-Hexanone

Concen: 224.735 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 268014

Ion Ratio Lower Upper

43 100

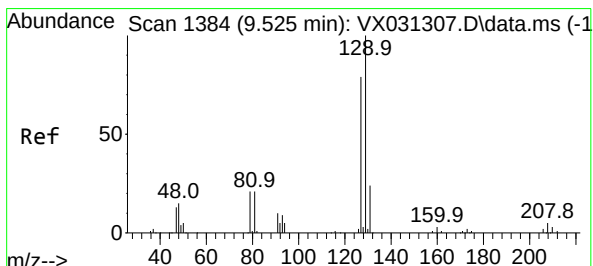
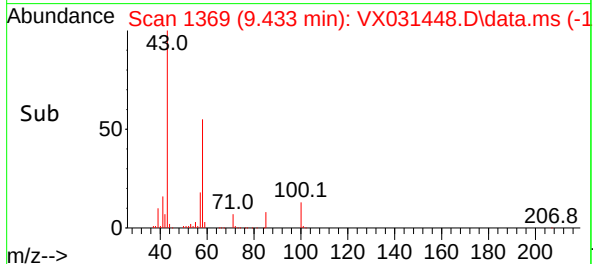
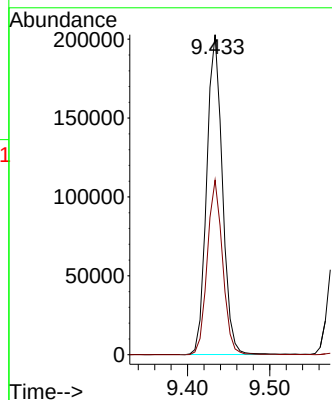
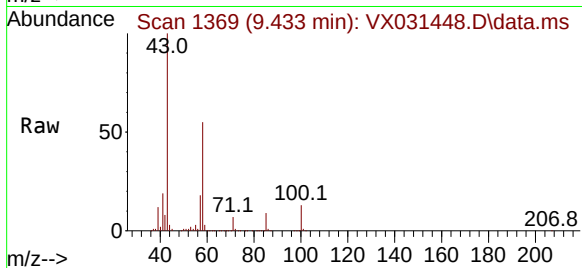
58 53.6 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#60

Dibromochloromethane

Concen: 50.438 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031448.D

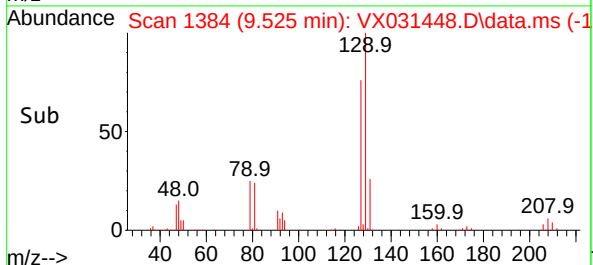
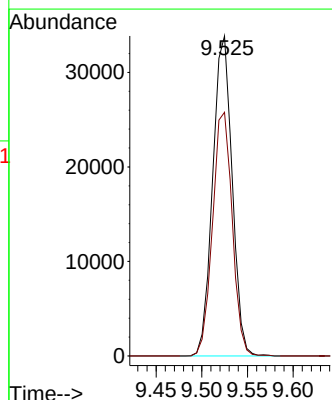
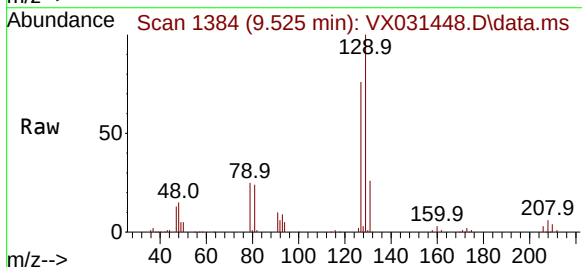
Acq: 17 Sep 2022 06:25

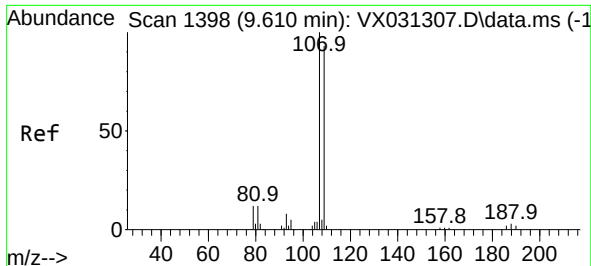
Tgt Ion:129 Resp: 49969

Ion Ratio Lower Upper

129 100

127 77.1 38.7 116.1





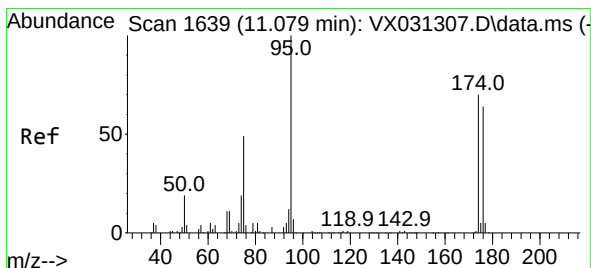
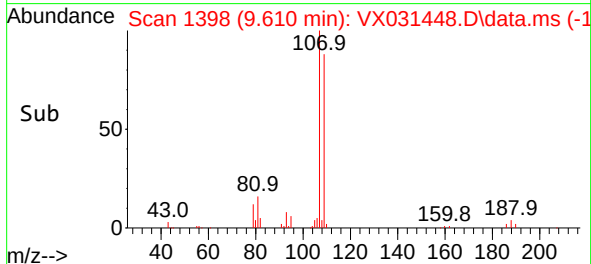
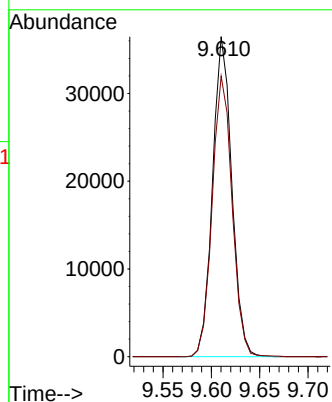
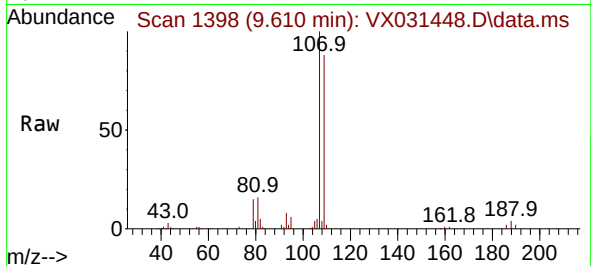
#61
1,2-Dibromoethane
Concen: 53.531 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 50470
Ion Ratio Lower Upper
107 100
109 90.4 74.2 111.4

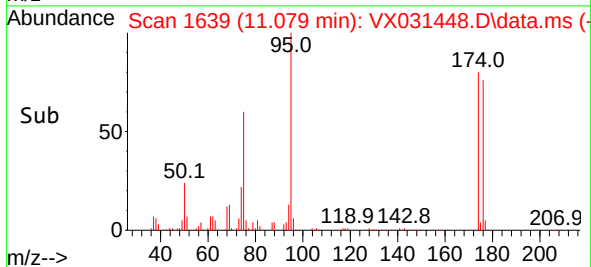
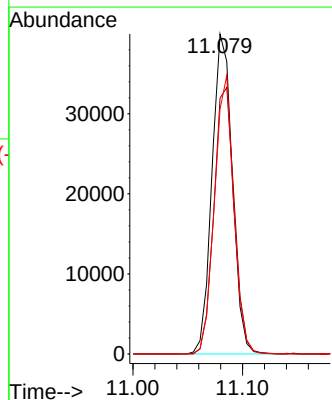
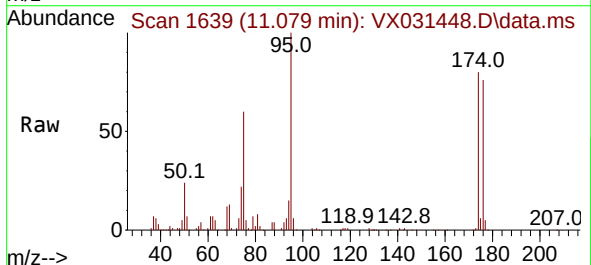
Manual Integrations
APPROVED

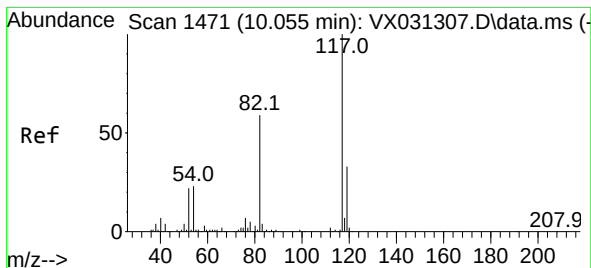
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 44.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

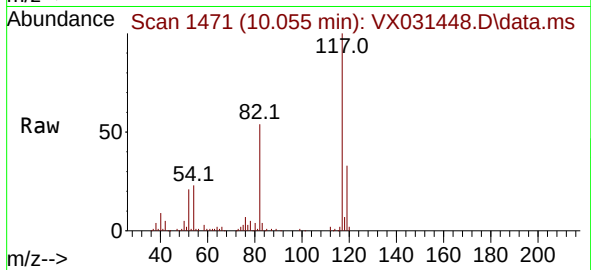
Tgt Ion: 95 Resp: 51498
Ion Ratio Lower Upper
95 100
174 84.0 0.0 153.2
176 82.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

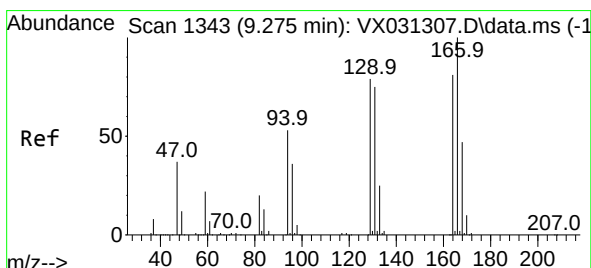
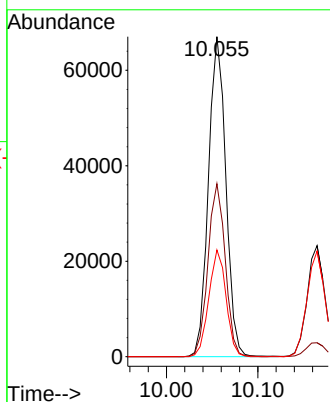
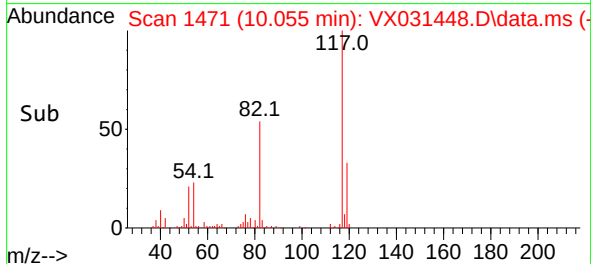
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 88400
Ion Ratio Lower Upper
117 100
82 54.1 46.8 70.2
119 33.4 26.4 39.6

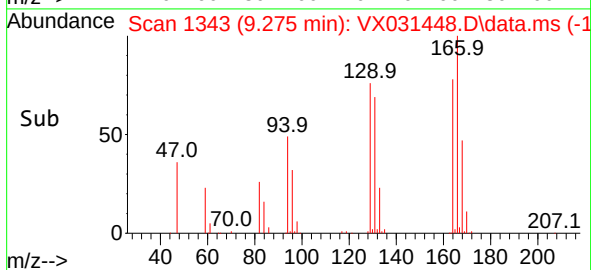
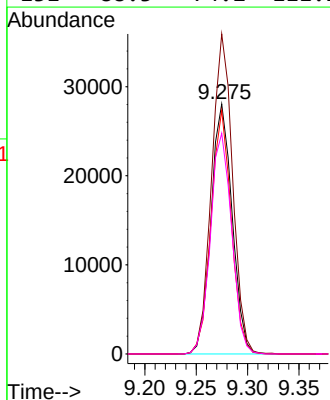
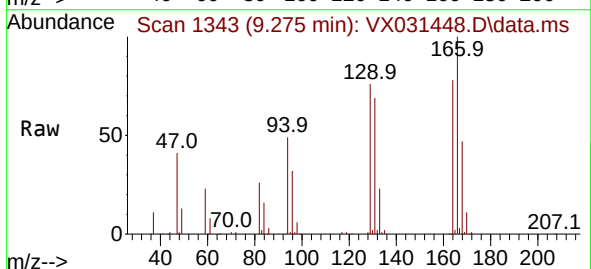
Manual Integrations
APPROVED

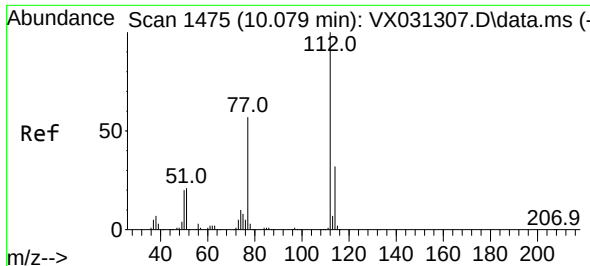
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 49.640 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

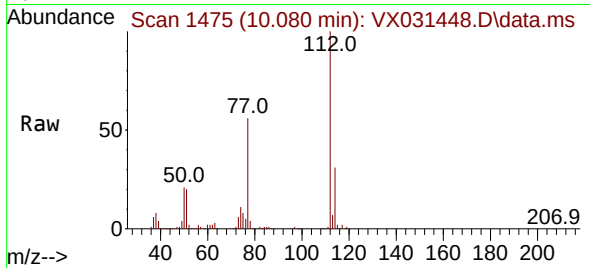
Tgt Ion:164 Resp: 40124
Ion Ratio Lower Upper
164 100
166 128.1 99.0 148.4
129 97.4 78.0 117.0
131 88.3 74.2 111.2





#65
Chlorobenzene
Concen: 51.112 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

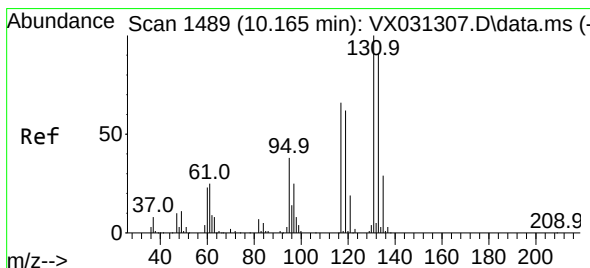
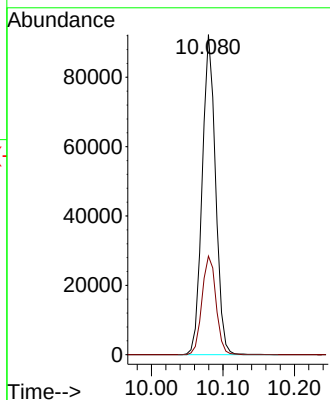
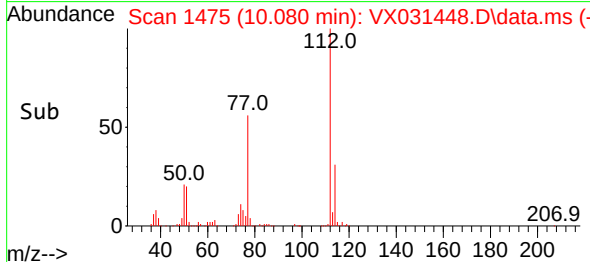
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 119679
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

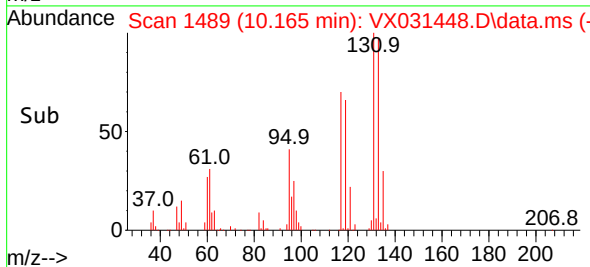
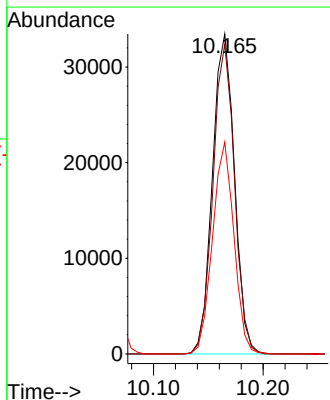
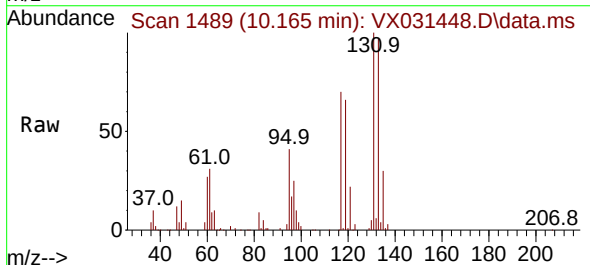
Manual Integrations
APPROVED

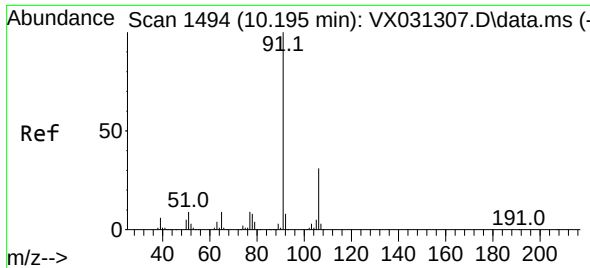
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.565 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

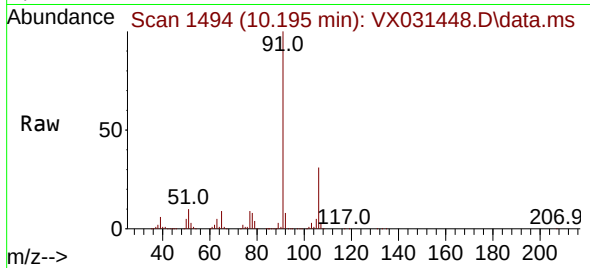
Tgt Ion:131 Resp: 46647
Ion Ratio Lower Upper
131 100
133 95.0 46.6 139.7
119 64.5 31.9 95.9





#67
Ethyl Benzene
Concen: 50.276 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

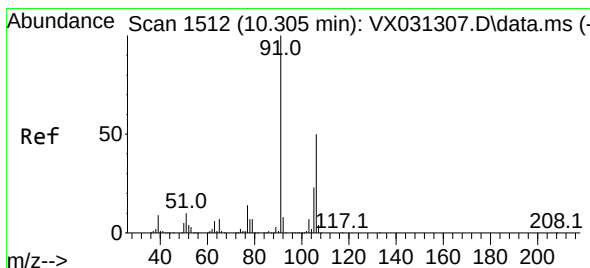
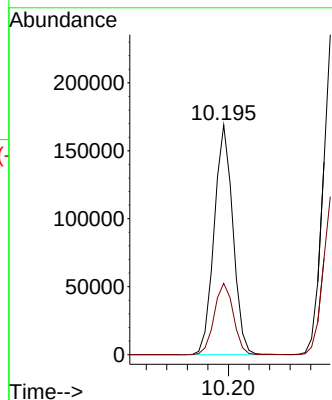
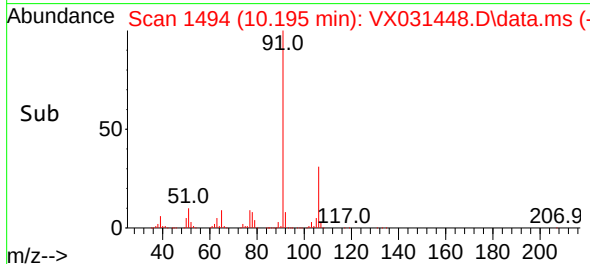
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 213210
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

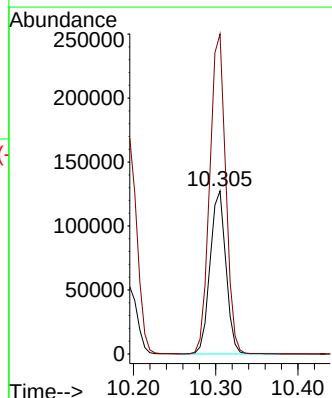
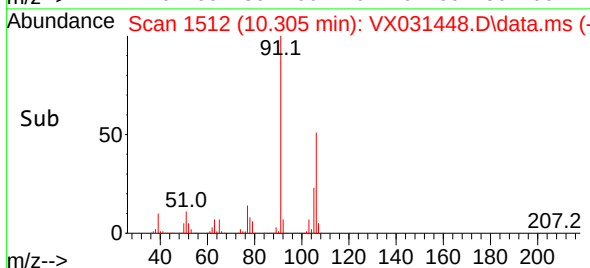
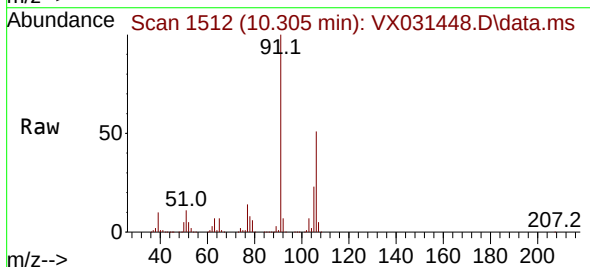
Manual Integrations
APPROVED

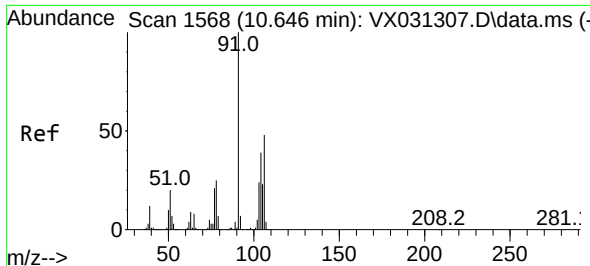
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
m/p-Xylenes
Concen: 105.539 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

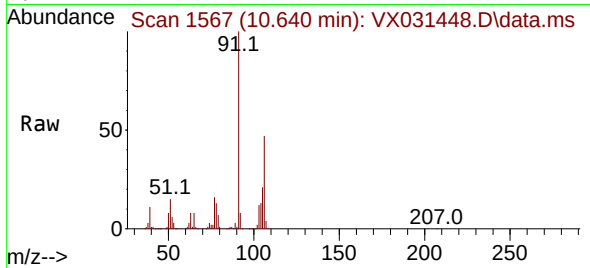
Tgt Ion:106 Resp: 169952
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.4





#69
o-Xylene
Concen: 51.028 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

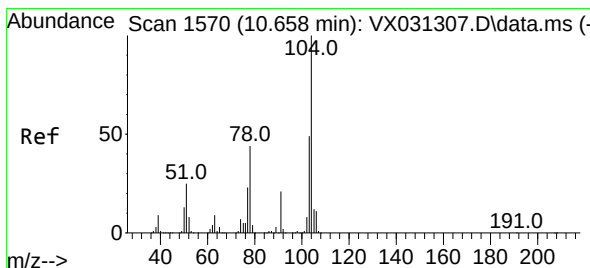
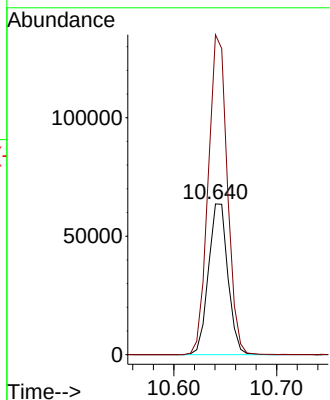
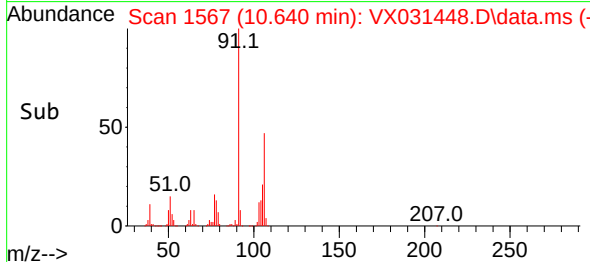
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 83463
Ion Ratio Lower Upper
106 100
91 209.1 107.2 321.6

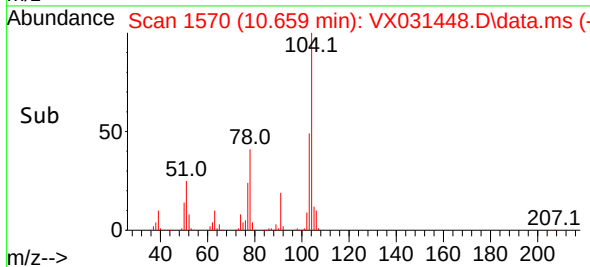
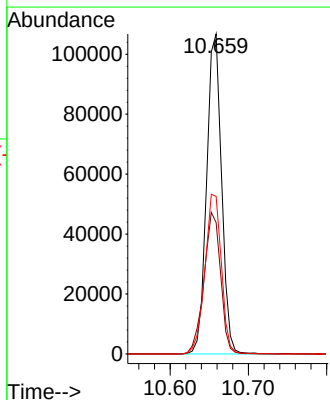
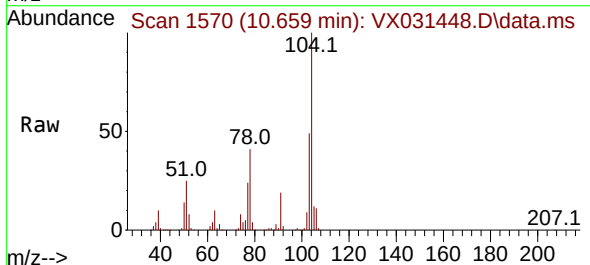
Manual Integrations
APPROVED

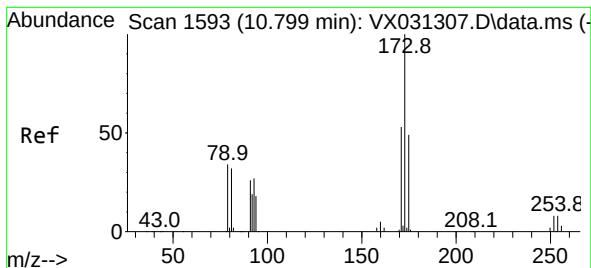
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 53.065 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

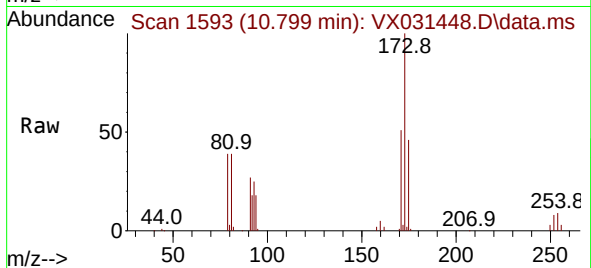
Tgt Ion:104 Resp: 141137
Ion Ratio Lower Upper
104 100
78 49.3 41.4 62.2
103 55.0 43.8 65.8





#71
Bromoform
Concen: 50.978 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

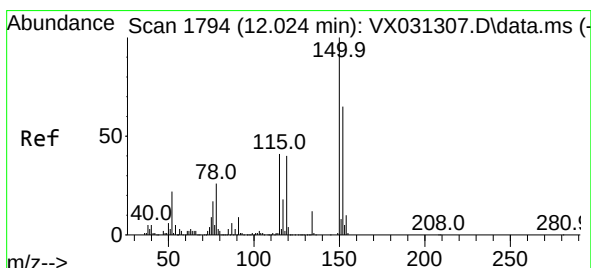
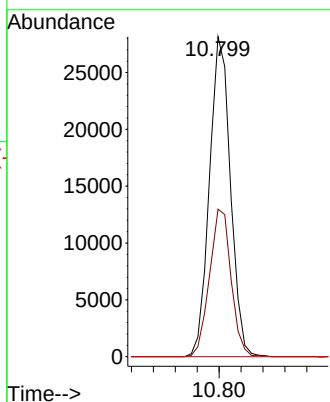
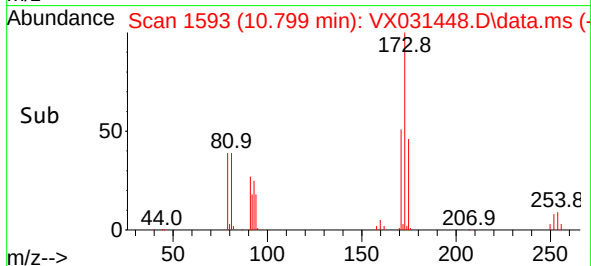
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



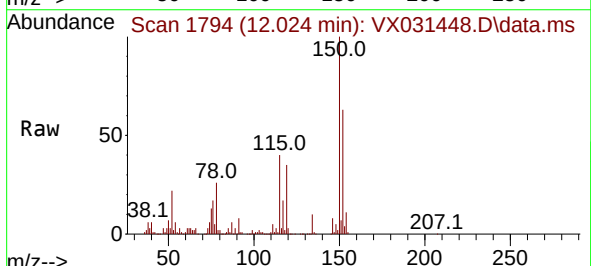
Tgt Ion:173 Resp: 37439
Ion Ratio Lower Upper
173 100
175 47.4 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

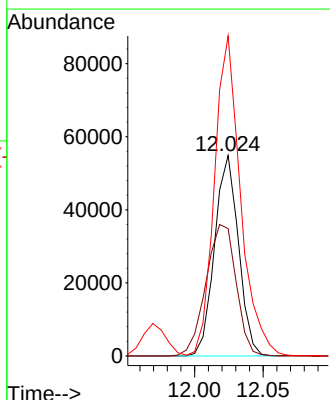
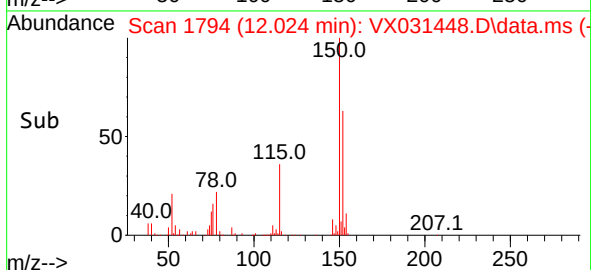
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

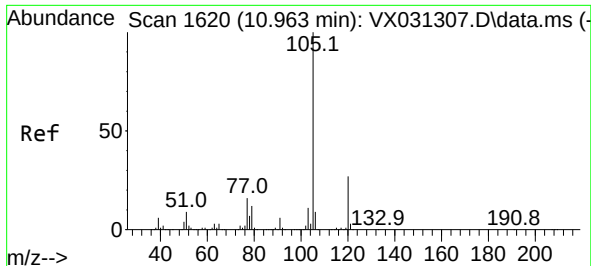


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion:152 Resp: 66487
Ion Ratio Lower Upper
152 100
115 82.9 43.4 130.1
150 174.5 0.0 346.8





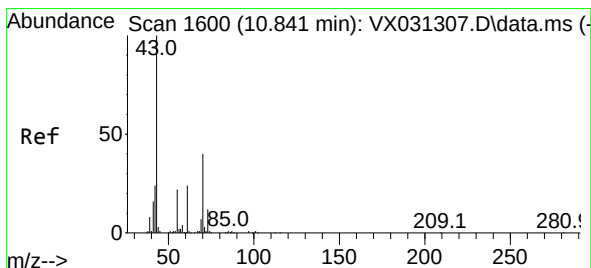
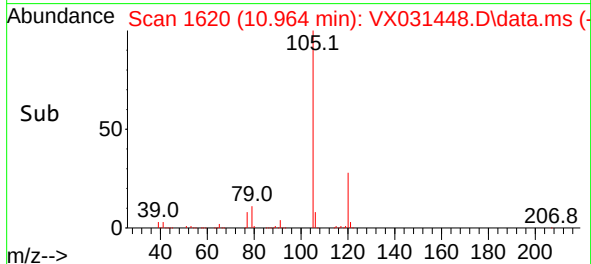
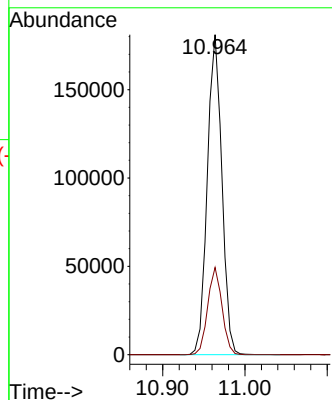
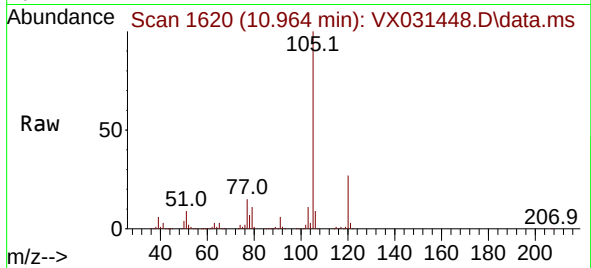
#73
Isopropylbenzene
Concen: 45.301 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 22246
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0

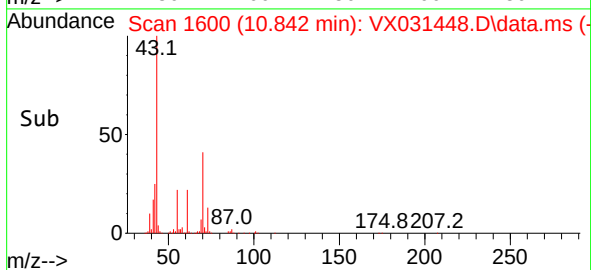
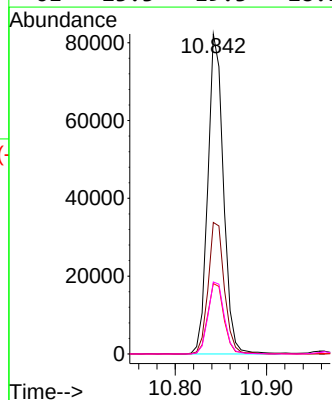
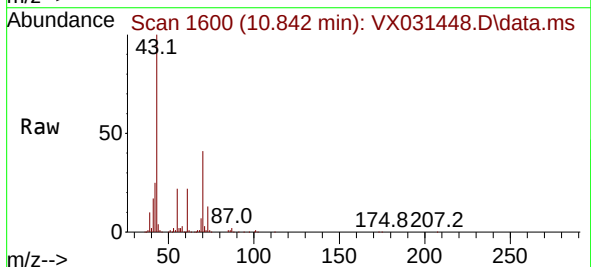
Manual Integrations
APPROVED

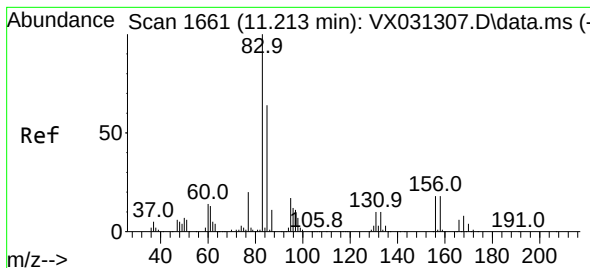
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#74
N-ethyl acetate
Concen: 39.851 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

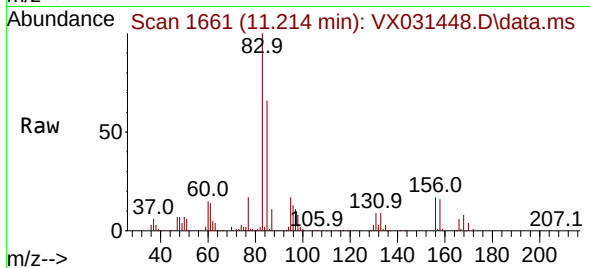
Tgt Ion: 43 Resp: 97290
Ion Ratio Lower Upper
43 100
70 42.6 33.4 50.2
55 23.0 18.2 27.2
61 23.3 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 43.404 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

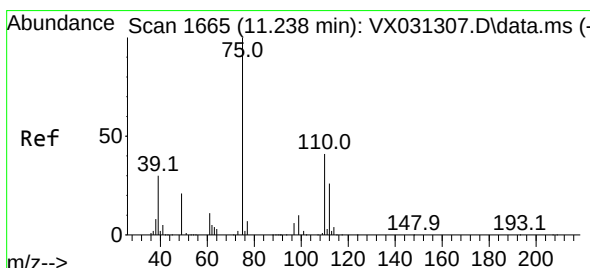
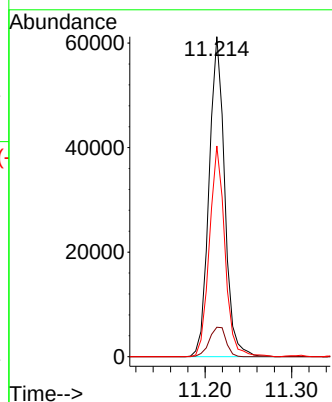
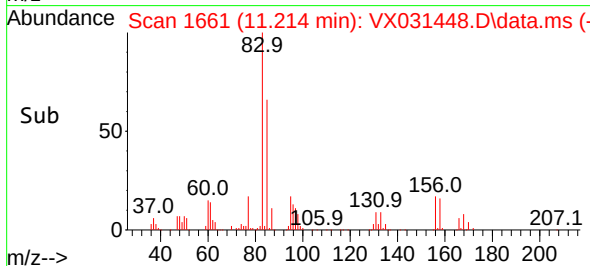
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



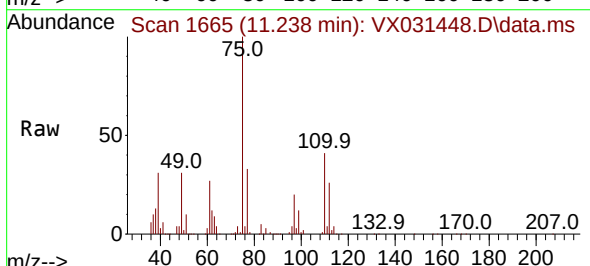
Tgt Ion: 83 Resp: 7660
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.4
85 65.3 32.6 97.8

Manual Integrations
APPROVED

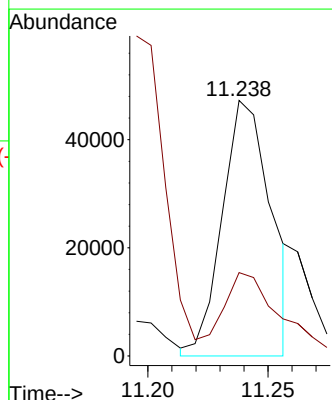
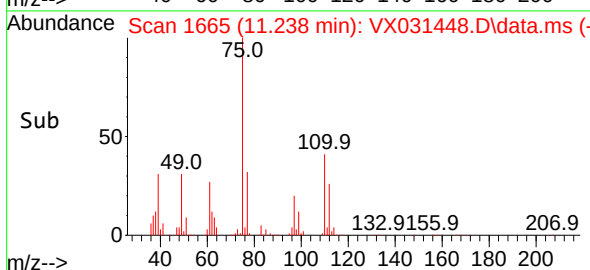
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

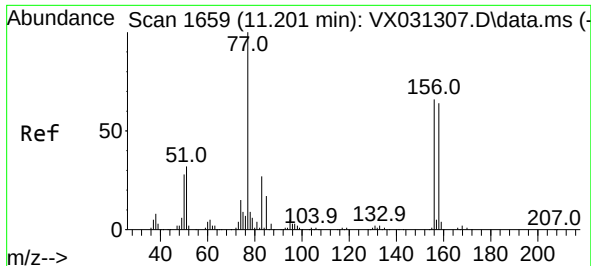


#76
1,2,3-Trichloropropane
Concen: 39.855 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



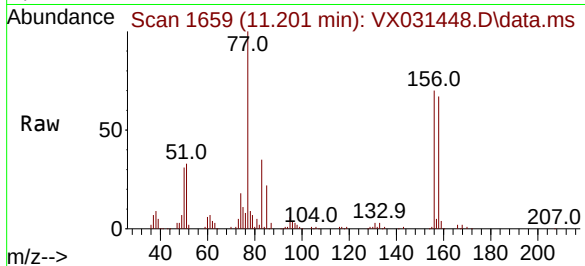
Tgt Ion: 75 Resp: 66776
Ion Ratio Lower Upper
75 100
77 38.7 20.3 60.9





#77
Bromobenzene
Concen: 48.575 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

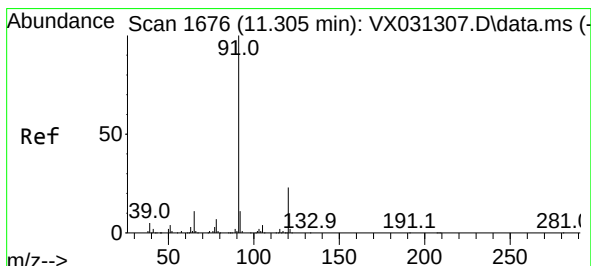
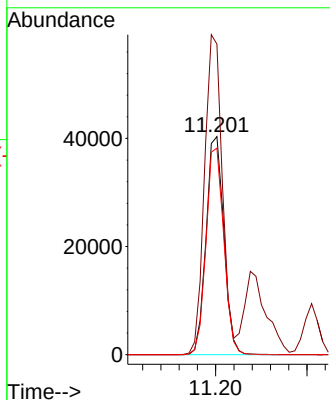
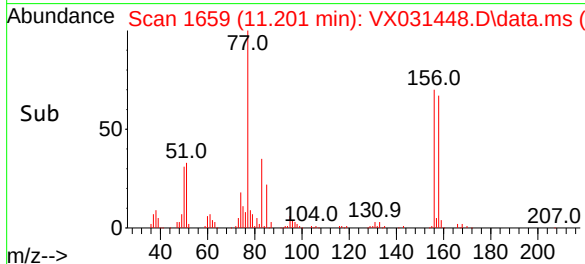
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



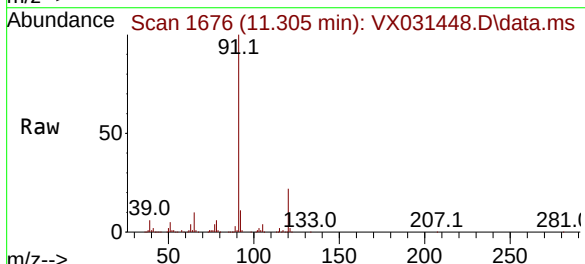
Tgt Ion:156 Resp: 54390
Ion Ratio Lower Upper
156 100
77 145.9 79.5 238.6
158 94.6 48.4 145.3

Manual Integrations
APPROVED

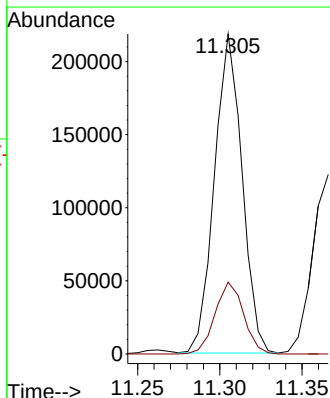
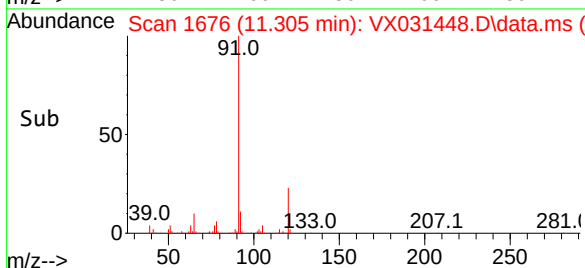
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

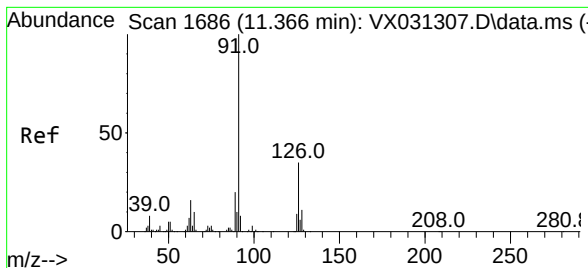


#78
n-propylbenzene
Concen: 44.224 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



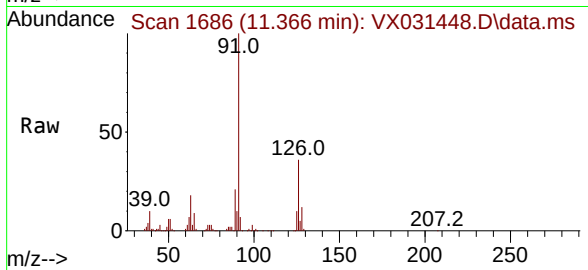
Tgt Ion: 91 Resp: 254871
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





#79
2-Chlorotoluene
Concen: 42.212 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

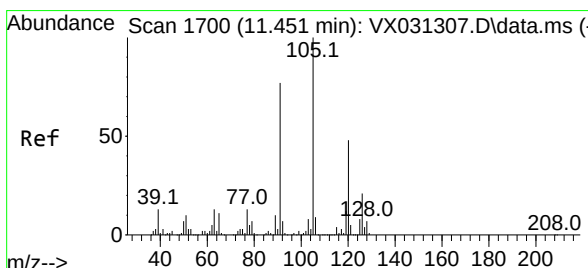
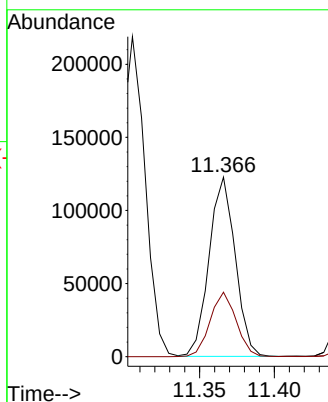
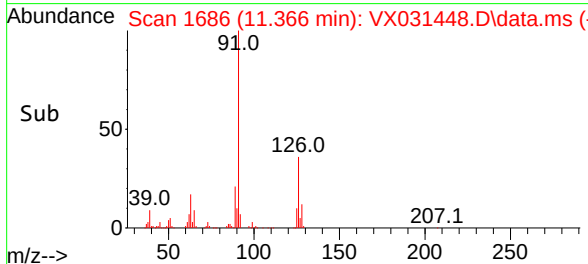
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



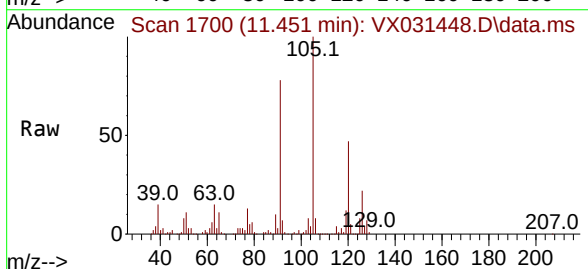
Tgt Ion: 91 Resp: 148850
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3

Manual Integrations
APPROVED

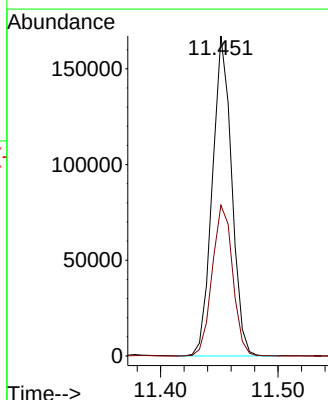
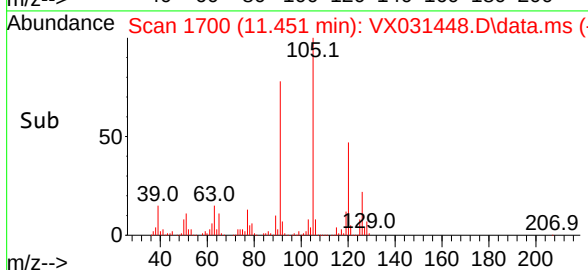
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

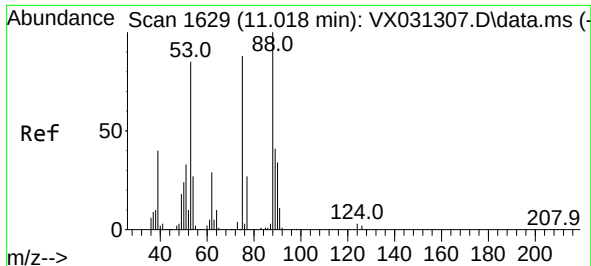


#80
1,3,5-Trimethylbenzene
Concen: 46.502 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



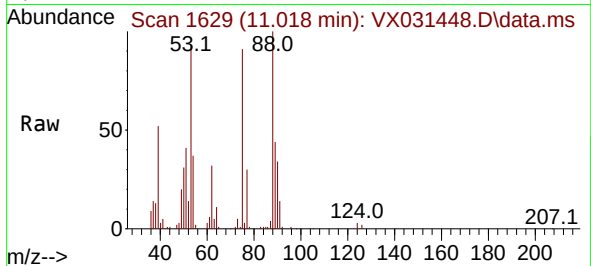
Tgt Ion:105 Resp: 191326
Ion Ratio Lower Upper
105 100
120 49.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 31.515 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

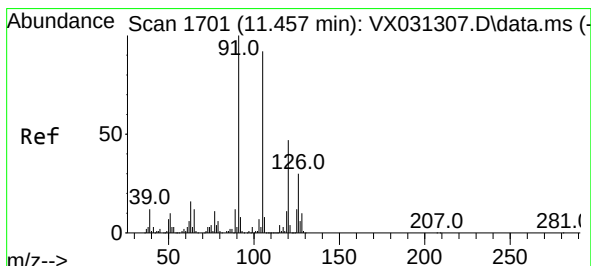
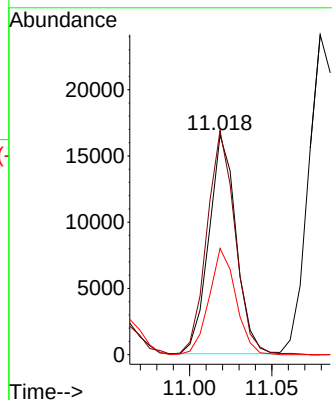
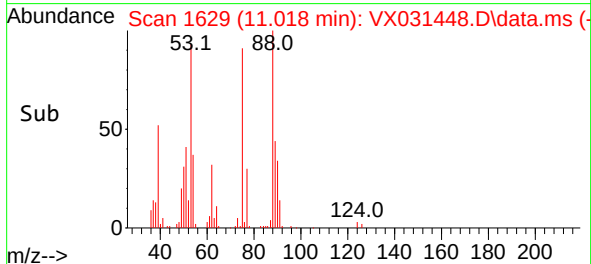
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



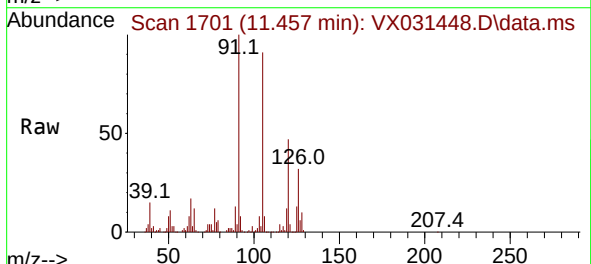
Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.2	77.6	116.4
89	47.6	37.4	56.0

Manual Integrations
APPROVED

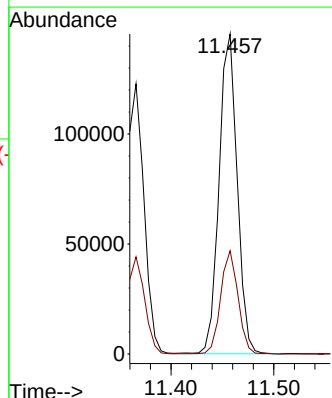
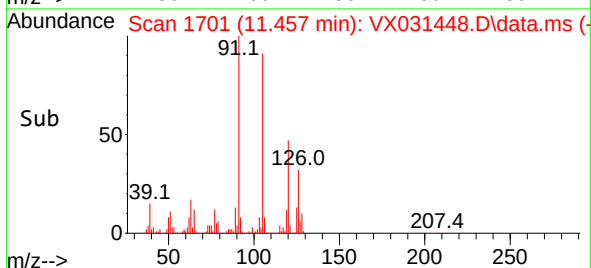
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

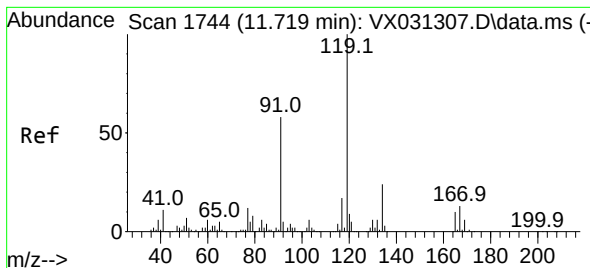


#82
4-Chlorotoluene
Concen: 43.852 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



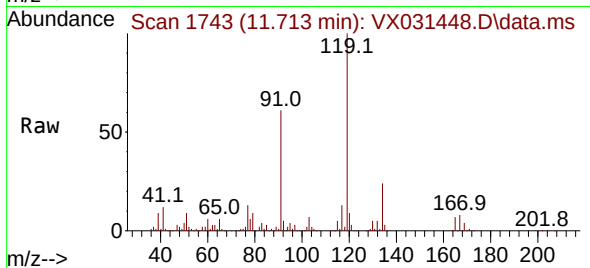
Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.1	45.3





#83
tert-Butylbenzene
Concen: 46.348 ug/l
RT: 11.713 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

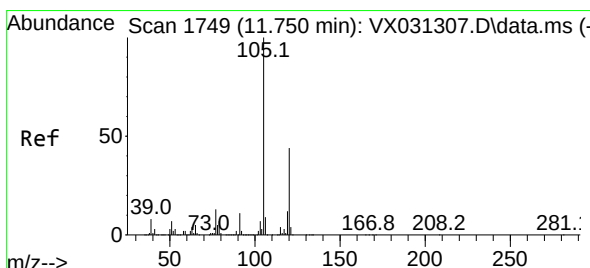
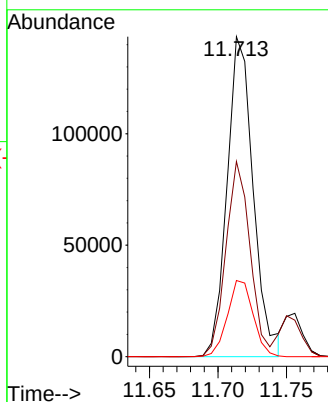
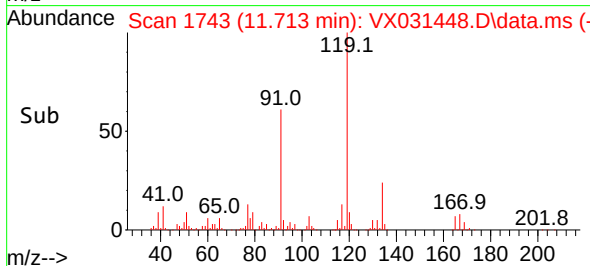
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 190784
Ion Ratio Lower Upper
119 100
91 56.6 29.2 87.6
134 23.5 11.6 34.8

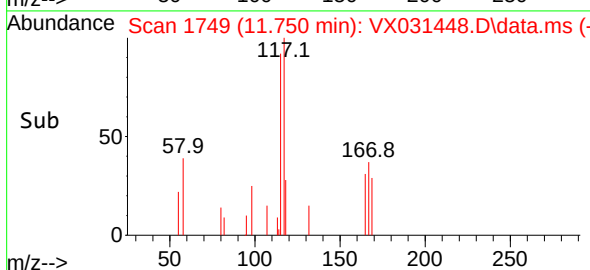
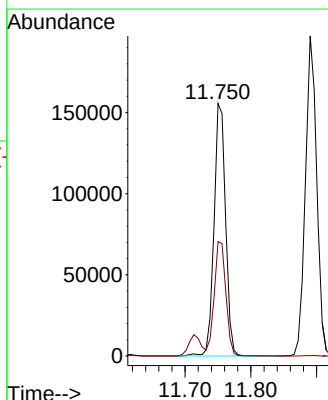
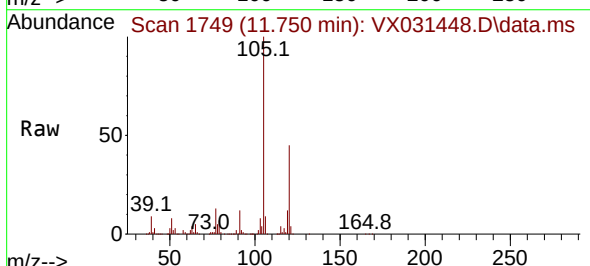
Manual Integrations
APPROVED

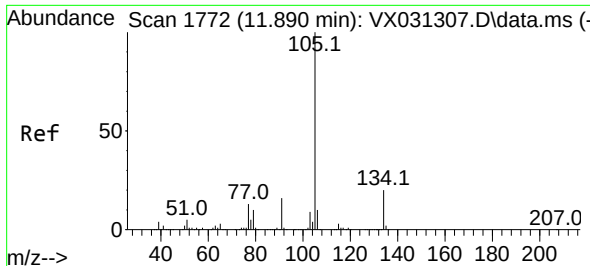
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.549 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

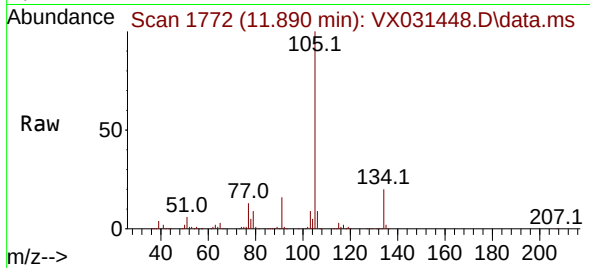
Tgt Ion:105 Resp: 190349
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 45.823 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25

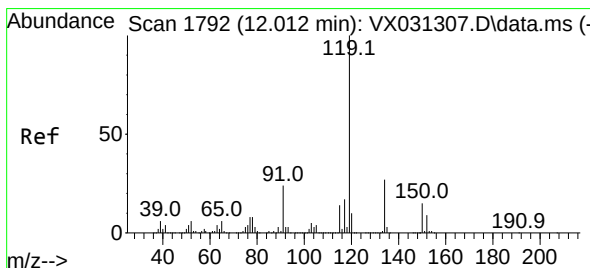
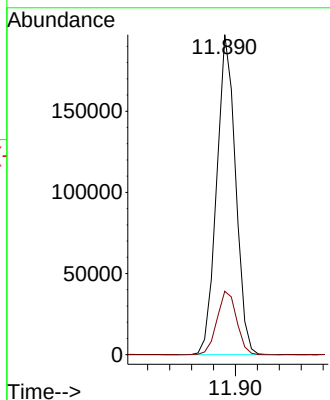
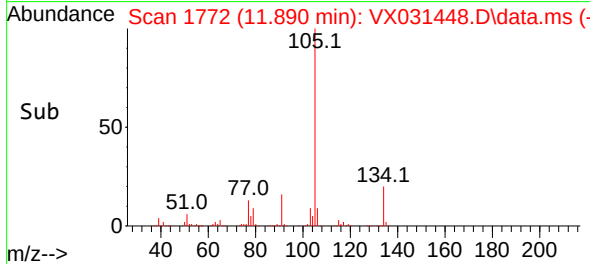
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



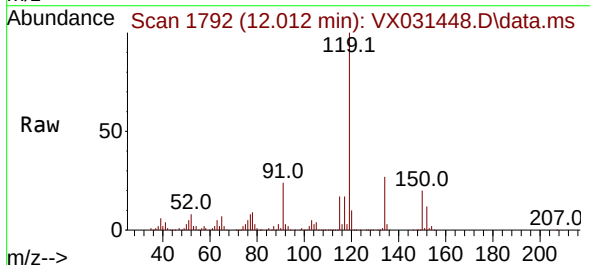
Tgt Ion:105 Resp: 23619
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

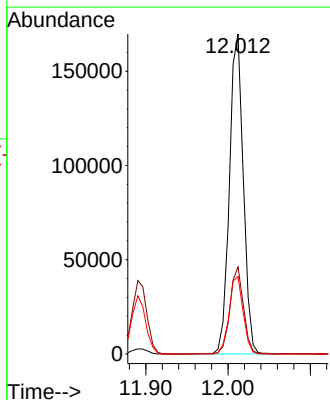
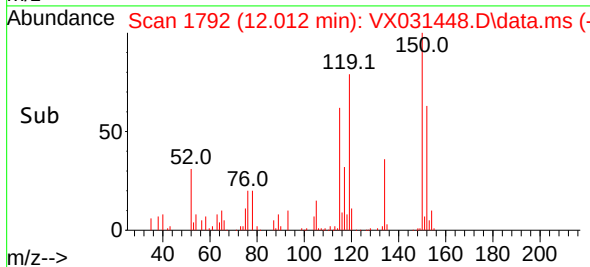
Reviewed By :John Carlone 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

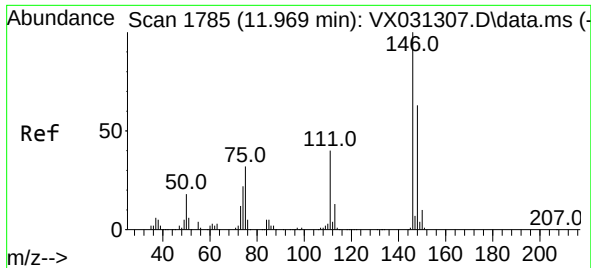


#86
 p-Isopropyltoluene
 Concen: 47.606 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031448.D
 Acq: 17 Sep 2022 06:25



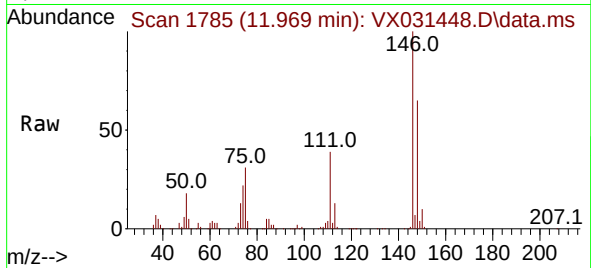
Tgt Ion:119 Resp: 199957
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.679 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

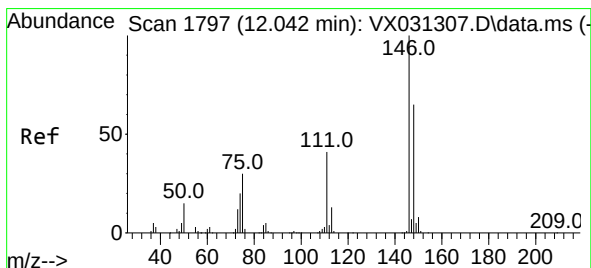
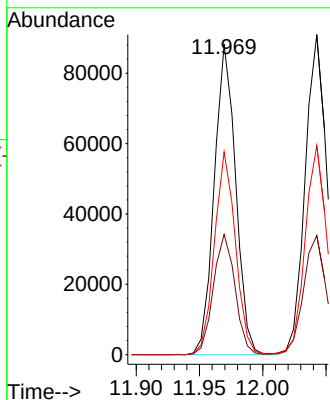
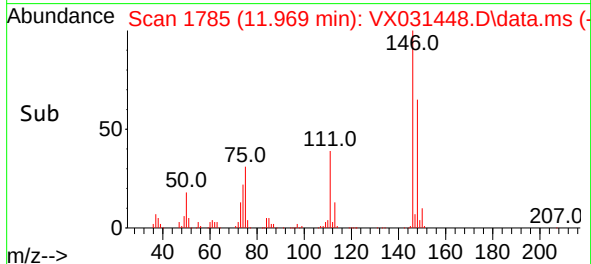
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



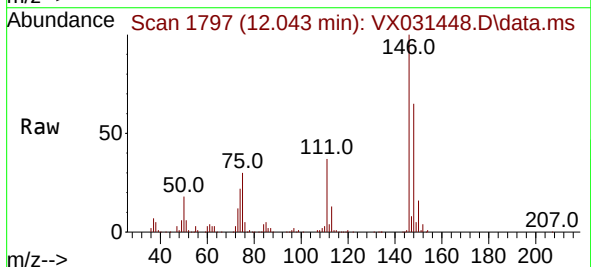
Tgt Ion:146 Resp: 103918
Ion Ratio Lower Upper
146 100
111 39.1 19.8 59.4
148 64.0 31.5 94.5

Manual Integrations
APPROVED

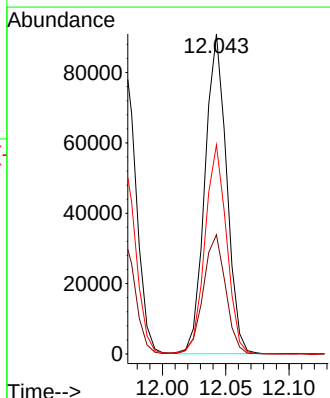
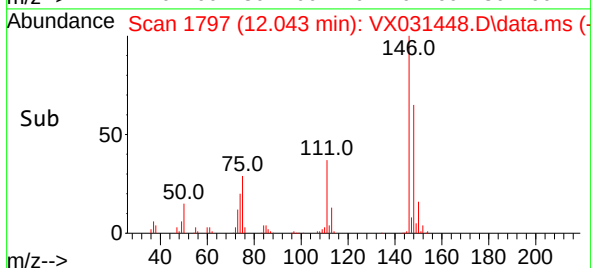
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

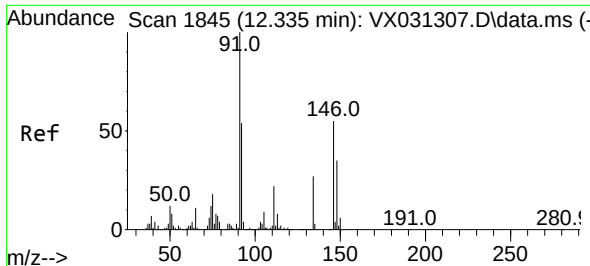


#88
1,4-Dichlorobenzene
Concen: 49.343 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



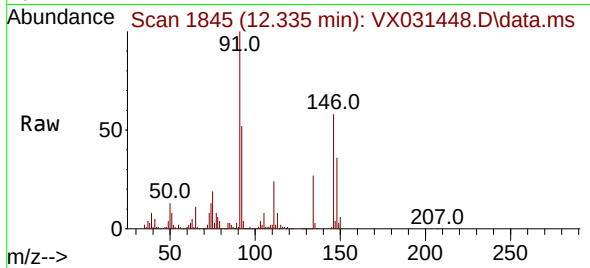
Tgt Ion:146 Resp: 108264
Ion Ratio Lower Upper
146 100
111 38.8 20.5 61.5
148 65.2 32.0 96.2





#89
n-Butylbenzene
Concen: 45.571 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

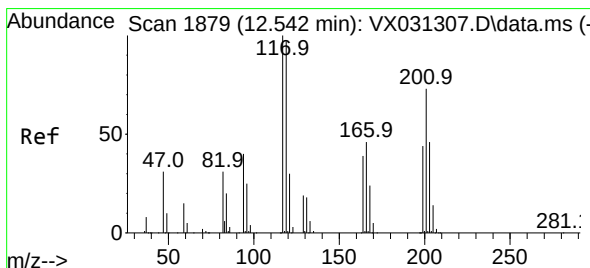
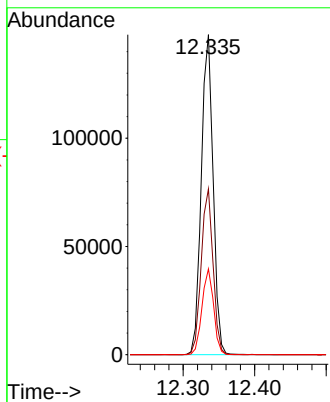
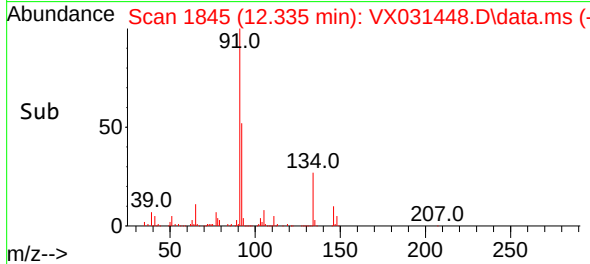
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 169735
Ion Ratio Lower Upper
91 100
92 51.9 27.0 81.0
134 26.3 13.3 39.9

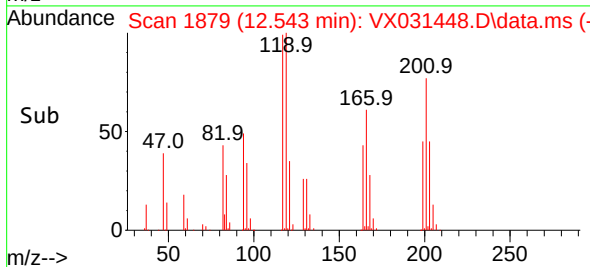
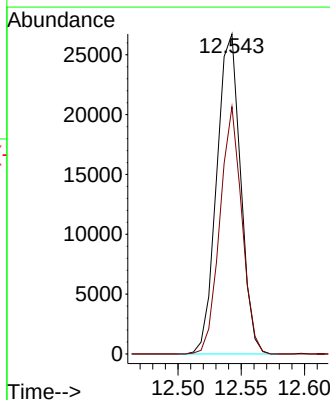
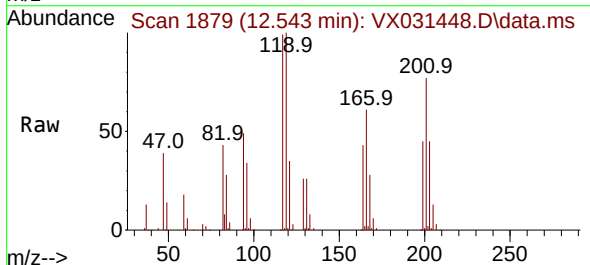
Manual Integrations
APPROVED

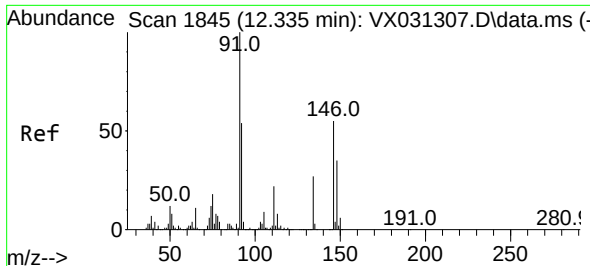
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 41.761 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

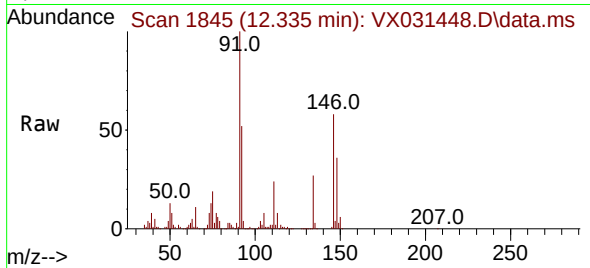
Tgt Ion:117 Resp: 35029
Ion Ratio Lower Upper
117 100
201 71.1 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 48.571 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

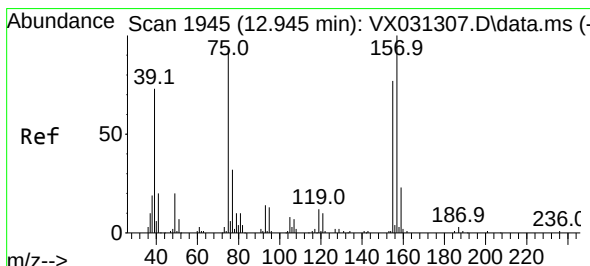
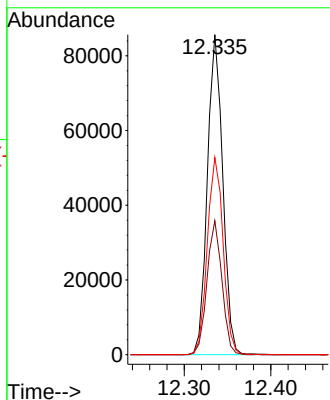
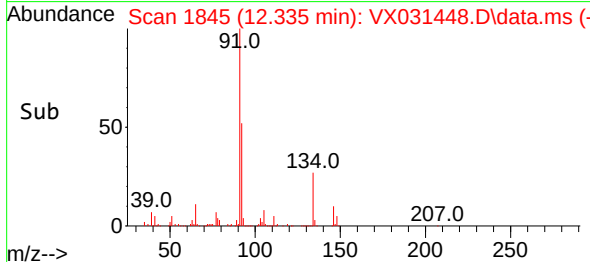
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



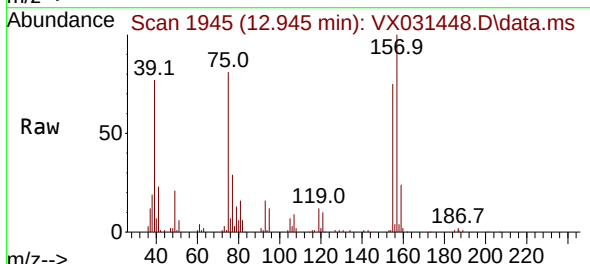
Tgt Ion:146 Resp: 10556
Ion Ratio Lower Upper
146 100
111 40.7 20.6 61.8
148 63.6 31.6 95.0

Manual Integrations
APPROVED

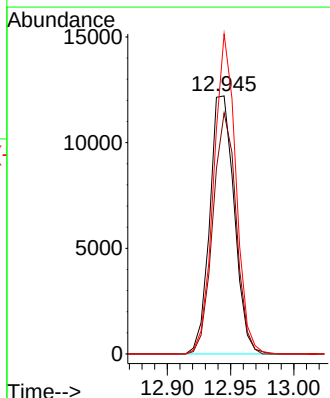
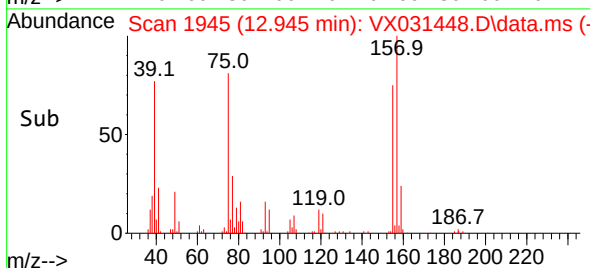
Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

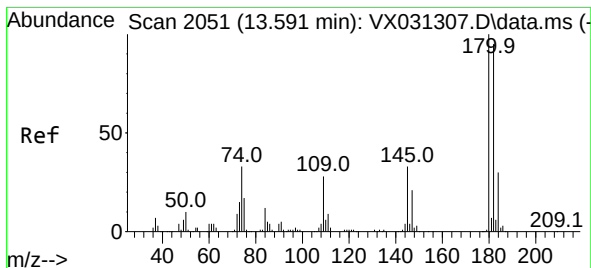


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.210 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25



Tgt Ion: 75 Resp: 16426
Ion Ratio Lower Upper
75 100
155 88.5 40.3 120.8
157 112.3 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 51.658 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

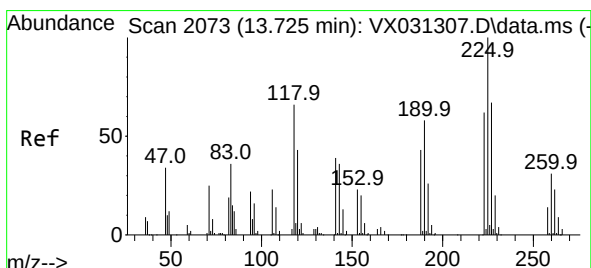
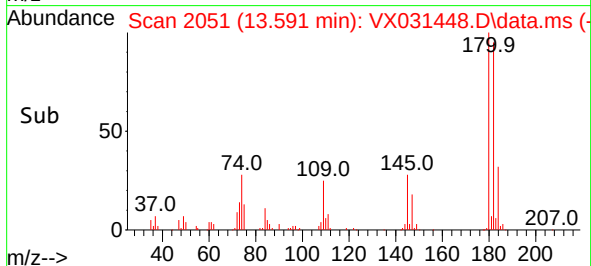
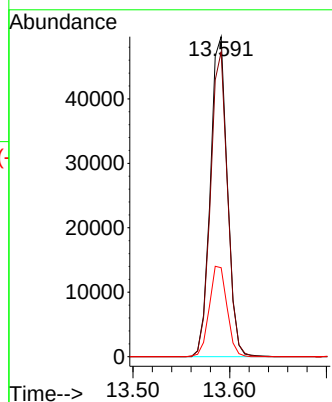
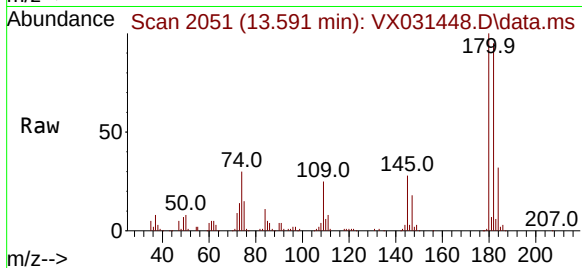
Tgt Ion:180	Resp: 60790
Ion Ratio	Lower Upper
180 100	
182 94.9	46.9 140.6
145 29.4	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2022

Supervised By :Mahesh Dadoda 09/19/2022



#94

Hexachlorobutadiene

Concen: 47.949 ug/l

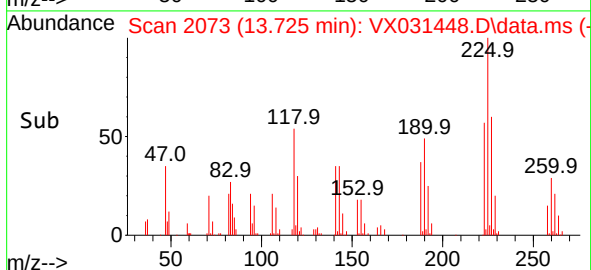
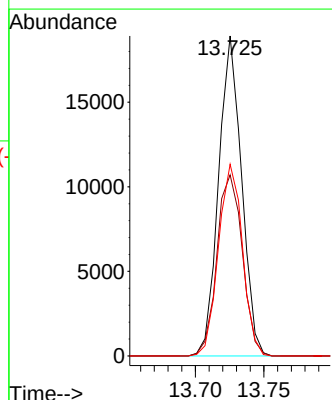
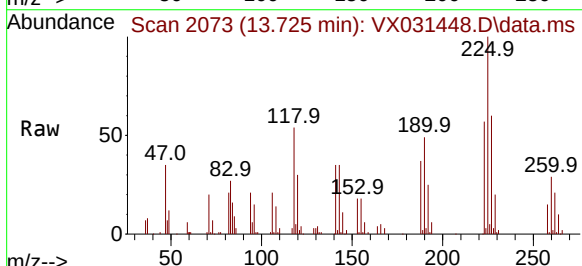
RT: 13.725 min Scan# 2073

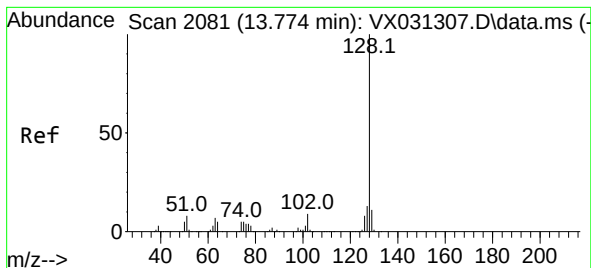
Delta R.T. 0.000 min

Lab File: VX031448.D

Acq: 17 Sep 2022 06:25

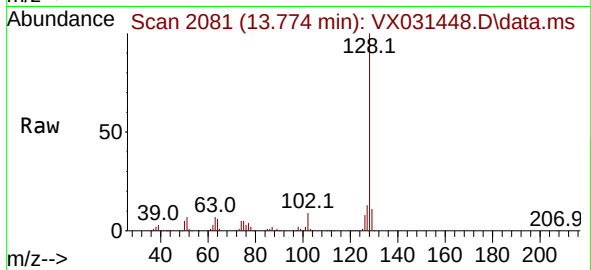
Tgt Ion:225	Resp: 22028
Ion Ratio	Lower Upper
225 100	
223 62.6	30.8 92.4
227 62.5	32.3 96.9





#95
Naphthalene
Concen: 47.143 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

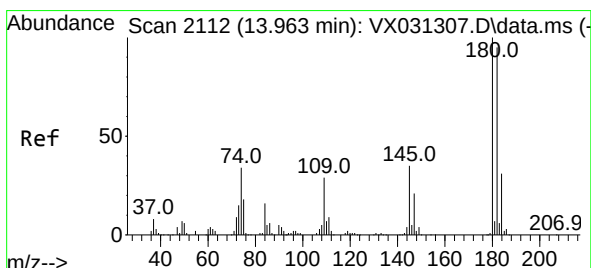
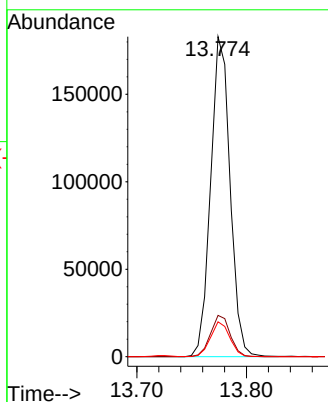
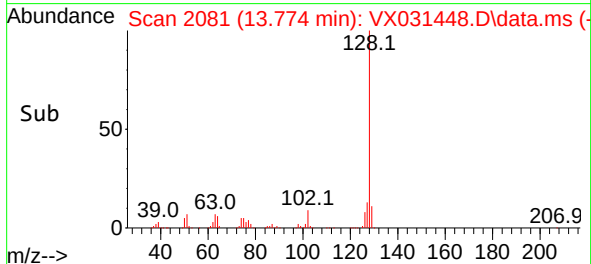
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 225414
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.164 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031448.D
Acq: 17 Sep 2022 06:25

Tgt Ion:180 Resp: 61962
Ion Ratio Lower Upper
180 100
182 94.2 47.9 143.8
145 32.4 17.6 52.8

