

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031835.D
 Acq On : 03 Oct 2022 15:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/06/2022

Quant Time: Oct 04 07:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172518	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89044	44.570	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.140%		
35) Dibromofluoromethane	5.385	113	92829	50.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.820%		
50) Toluene-d8	8.647	98	336851	51.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.300%		
62) 4-Bromofluorobenzene	11.079	95	123018	52.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78172	54.225	ug/l	98
3) Chloromethane	1.288	50	67719	44.810	ug/l	98
4) Vinyl Chloride	1.374	62	87289	45.343	ug/l	98
5) Bromomethane	1.611	94	71857	58.924	ug/l	100
6) Chloroethane	1.685	64	89665	54.732	ug/l	95
7) Trichlorofluoromethane	1.886	101	175765	44.739	ug/l	99
8) Diethyl Ether	2.130	74	56598	54.437	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	81710	48.146	ug/l	# 87
10) Methyl Iodide	2.453	142	89436	56.138	ug/l	98
11) Tert butyl alcohol	3.020	59	70584	253.768	ug/l	# 94
12) 1,1-Dichloroethene	2.319	96	76230	48.916	ug/l	81
13) Acrolein	2.239	56	36509	221.705	ug/l	99
14) Allyl chloride	2.660	41	91658	46.077	ug/l	# 92
15) Acrylonitrile	3.062	53	171167	235.592	ug/l	98
16) Acetone	2.392	43	131905	287.252	ug/l	92
17) Carbon Disulfide	2.508	76	195289	54.531	ug/l	99
18) Methyl Acetate	2.703	43	87151	46.635	ug/l	# 83
19) Methyl tert-butyl Ether	3.111	73	248601	49.002	ug/l	96
20) Methylene Chloride	2.788	84	82032	46.936	ug/l	# 79
21) trans-1,2-Dichloroethene	3.087	96	88631	48.514	ug/l	88
22) Diisopropyl ether	3.757	45	197870	46.912	ug/l	# 91
23) Vinyl Acetate	3.721	43	785153	248.850	ug/l	# 87
24) 1,1-Dichloroethane	3.605	63	131995	46.565	ug/l	95
25) 2-Butanone	4.562	43	220091	240.084	ug/l	# 83
26) 2,2-Dichloropropane	4.477	77	118746	49.068	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	103447	48.699	ug/l	79
28) Bromochloromethane	4.891	49	52681	45.985	ug/l	# 48
29) Tetrahydrofuran	5.013	42	137267	242.511	ug/l	# 78
30) Chloroform	5.093	83	162273	47.853	ug/l	96
31) Cyclohexane	5.471	56	113218	47.583	ug/l	# 79
32) 1,1,1-Trichloroethane	5.379	97	155136	48.209	ug/l	# 94
36) 1,1-Dichloropropene	5.690	75	114888	50.819	ug/l	92
37) Ethyl Acetate	4.708	43	84825	49.568	ug/l	# 91
38) Carbon Tetrachloride	5.678	117	146938	52.356	ug/l	97
39) Methylcyclohexane	7.379	83	149019	53.731	ug/l	# 85
40) Benzene	6.037	78	338014	51.756	ug/l	100

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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)
41) Methacrylonitrile	4.922	41	47052	50.598	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	112383	49.119	ug/l	93
43) Isopropyl Acetate	6.336	43	141686	51.207	ug/l #	89
44) Trichloroethene	7.123	130	113732	53.904	ug/l	83
45) 1,2-Dichloropropane	7.427	63	77823	50.864	ug/l	98
46) Dibromomethane	7.580	93	66813	52.390	ug/l #	83
47) Bromodichloromethane	7.818	83	127606	49.996	ug/l	99
48) Methyl methacrylate	7.690	41	65961	53.273	ug/l #	82
49) 1,4-Dioxane	7.702	88	41871	1043.337	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	443992	255.632	ug/l	88
52) Toluene	8.720	92	242242	52.908	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	129963	53.399	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	139671	52.372	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	97590	53.476	ug/l	93
56) Ethyl methacrylate	9.116	69	123379	58.471	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	147080	51.897	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	275483	253.353	ug/l #	80
59) 2-Hexanone	9.433	43	339374	268.777	ug/l	86
60) Dibromochloromethane	9.519	129	122638	55.356	ug/l	98
61) 1,2-Dibromoethane	9.610	107	108490	53.537	ug/l	98
64) Tetrachloroethene	9.275	164	121453	56.312	ug/l	95
65) Chlorobenzene	10.079	112	277689	53.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	110809	55.034	ug/l	98
67) Ethyl Benzene	10.195	91	461074	53.547	ug/l	95
68) m/p-Xylenes	10.299	106	392768	110.488	ug/l	89
69) o-Xylene	10.640	106	189352	55.289	ug/l	90
70) Styrene	10.659	104	309003	55.510	ug/l	95
71) Bromoform	10.799	173	94879	56.036	ug/l #	99
73) Isopropylbenzene	10.963	105	493365	51.494	ug/l	98
74) N-amyl acetate	10.842	43	122567	54.621	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	134178	49.201	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105403m	42.711	ug/l	
77) Bromobenzene	11.195	156	136657	54.079	ug/l	80
78) n-propylbenzene	11.305	91	543105	51.863	ug/l	94
79) 2-Chlorotoluene	11.366	91	316359	49.998	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	421031	52.625	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	38516	53.577	ug/l	92
82) 4-Chlorotoluene	11.457	91	369882	50.645	ug/l	91
83) tert-Butylbenzene	11.713	119	422162	52.205	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	417432	52.424	ug/l	95
85) sec-Butylbenzene	11.890	105	516891	53.097	ug/l	96
86) p-Isopropyltoluene	12.012	119	465144	54.750	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	261527	54.849	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	260305	52.270	ug/l	96
89) n-Butylbenzene	12.335	91	356768	53.165	ug/l	96
90) Hexachloroethane	12.536	117	78910	51.487	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	256766	53.771	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	29527	51.487	ug/l	59
93) 1,2,4-Trichlorobenzene	13.591	180	173871	59.493	ug/l	98
94) Hexachlorobutadiene	13.725	225	70263	58.427	ug/l	97
95) Naphthalene	13.774	128	523697	57.527	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167560	59.125	ug/l	98

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Response via : Initial Calibration

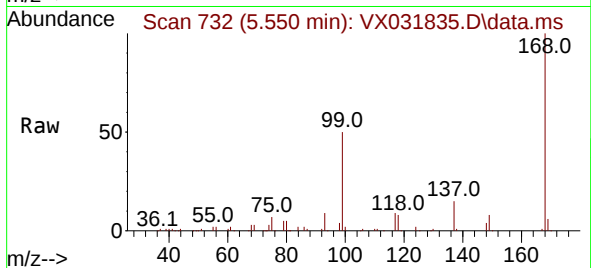
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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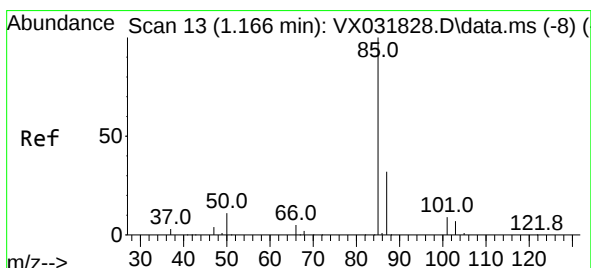
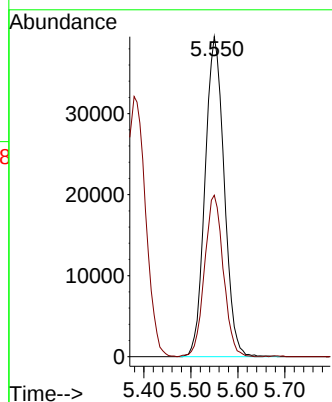
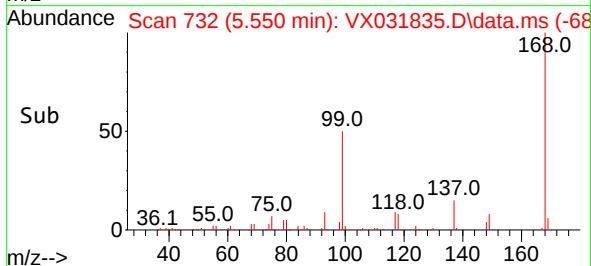
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 111514
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2

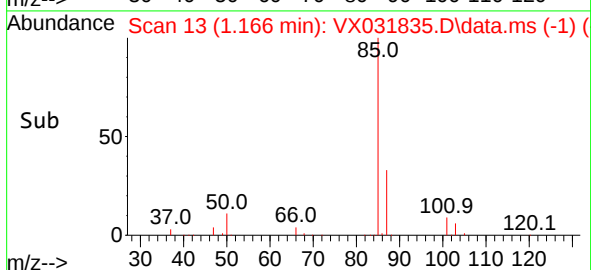
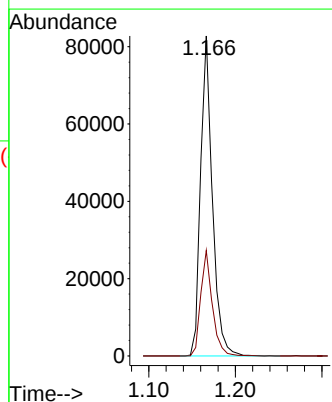
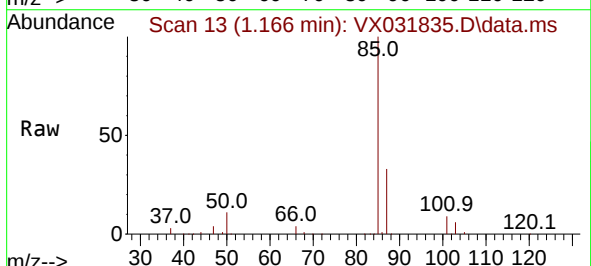
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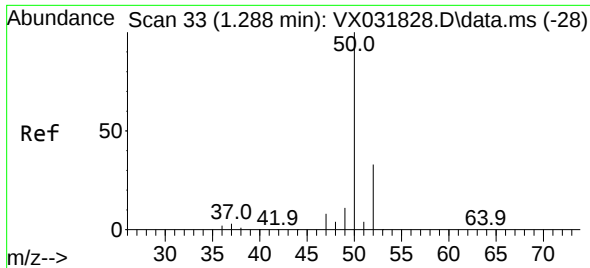
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#2
Dichlorodifluoromethane
Concen: 54.225 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

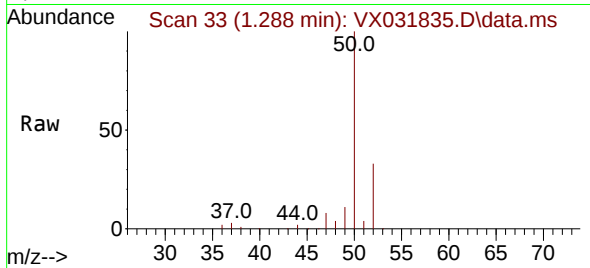
Tgt Ion: 85 Resp: 78172
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 44.810 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

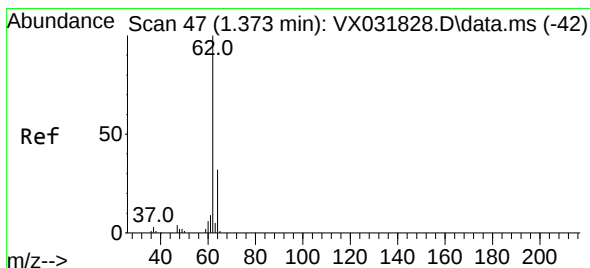
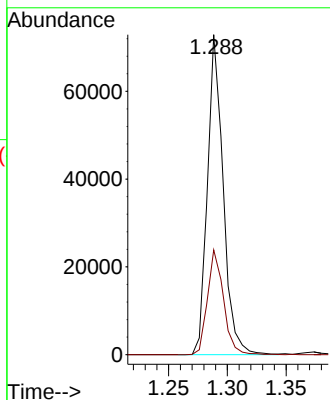
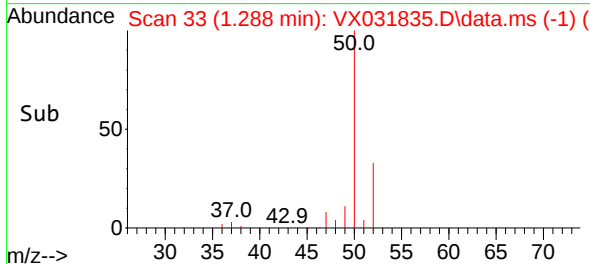
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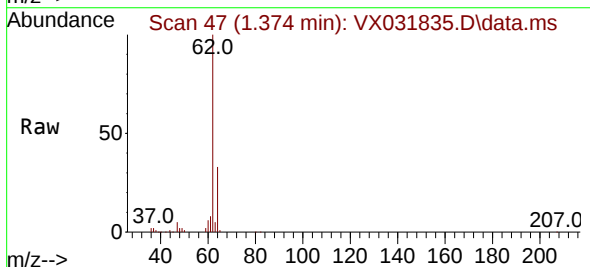
Tgt Ion: 50 Resp: 67719
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

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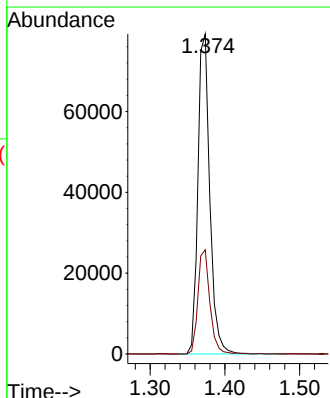
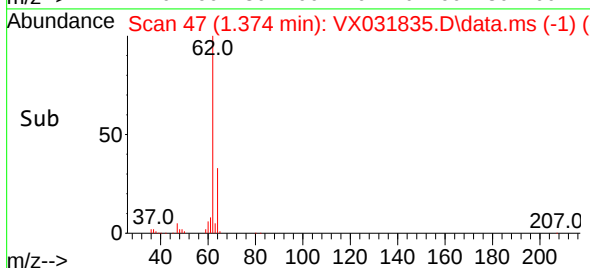
Reviewed By :John Carlone 10/04/2022
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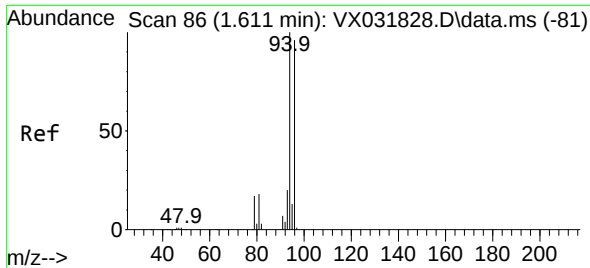


#4
Vinyl Chloride
Concen: 45.343 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion: 62 Resp: 87289
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





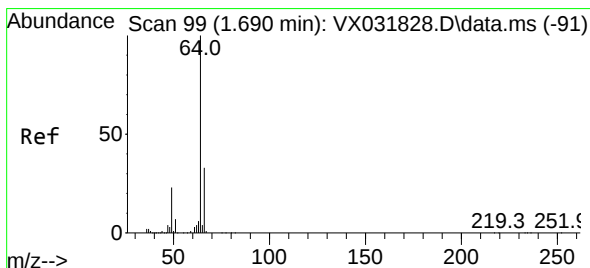
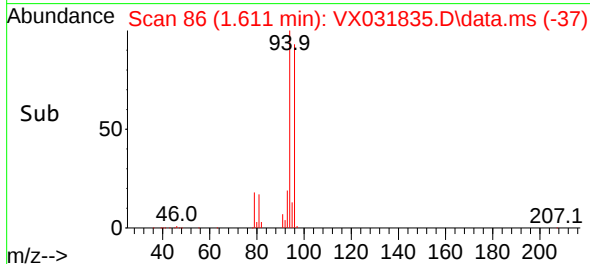
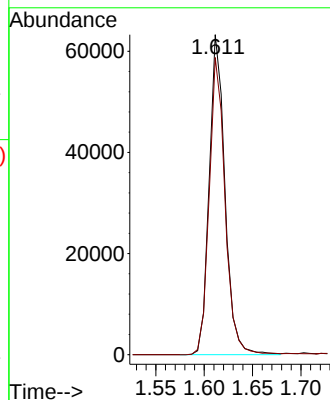
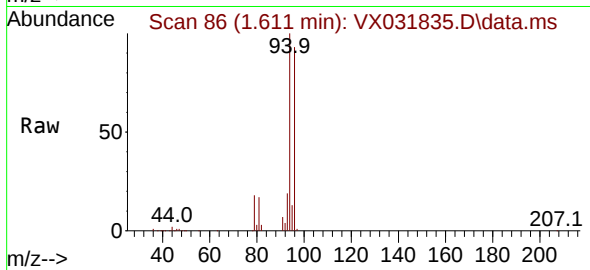
#5
Bromomethane
Concen: 58.924 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 7185
Ion Ratio Lower Upper
94 100
96 92.8 74.4 111.6

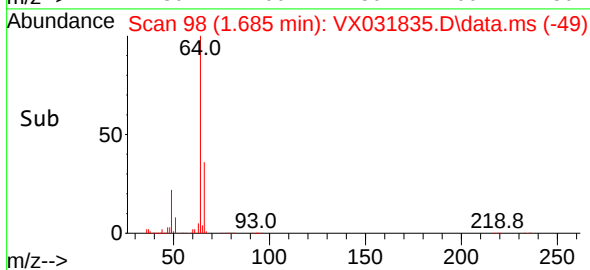
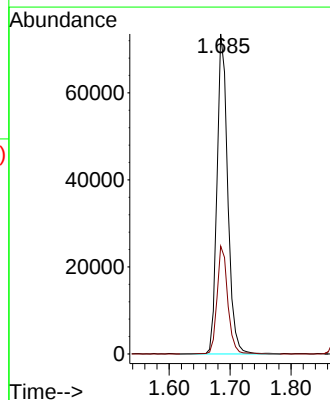
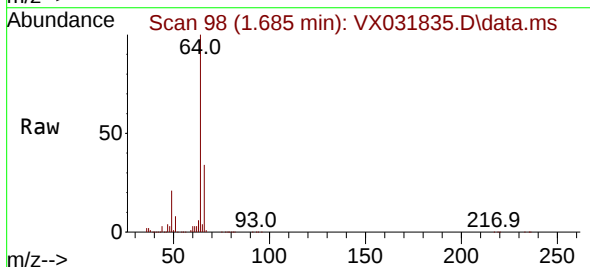
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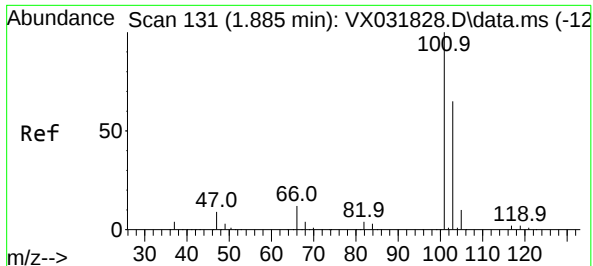
Reviewed By :John Carlone 10/04/2022
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#6
Chloroethane
Concen: 54.732 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
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Acq: 03 Oct 2022 15:46

Tgt Ion: 64 Resp: 89665
Ion Ratio Lower Upper
64 100
66 33.7 25.0 37.4





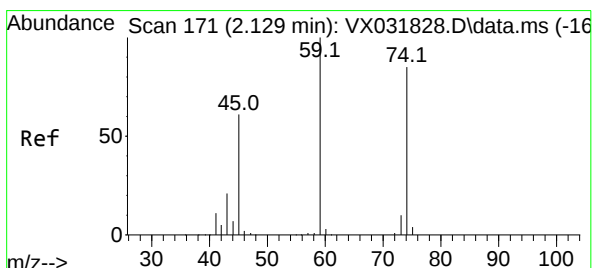
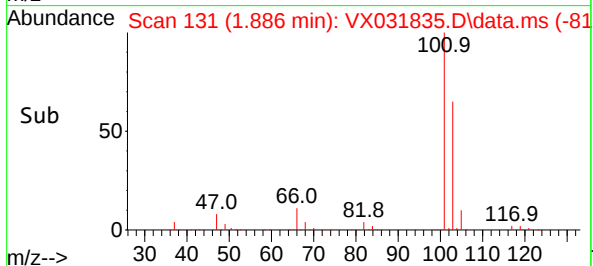
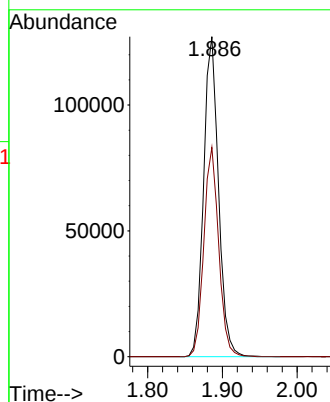
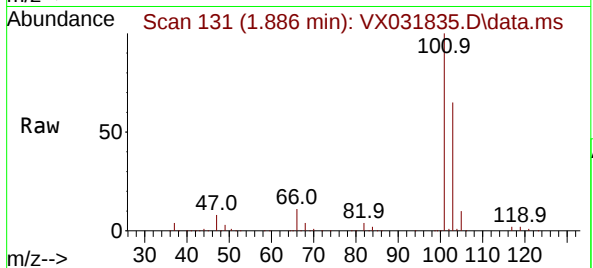
#7
Trichlorofluoromethane
Concen: 44.739 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
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VSTDCCC050

Tgt Ion:101 Resp: 17576
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

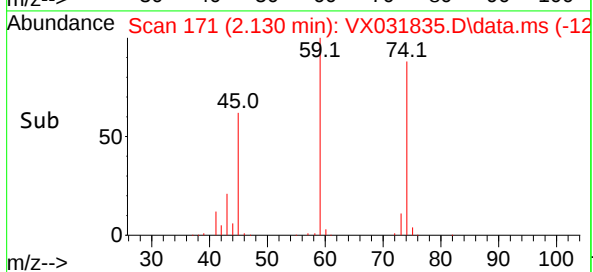
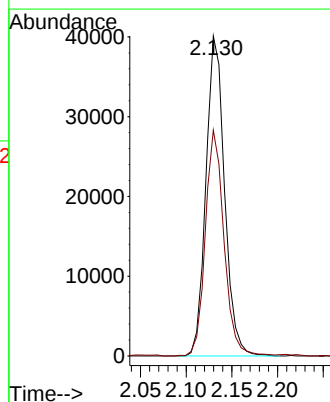
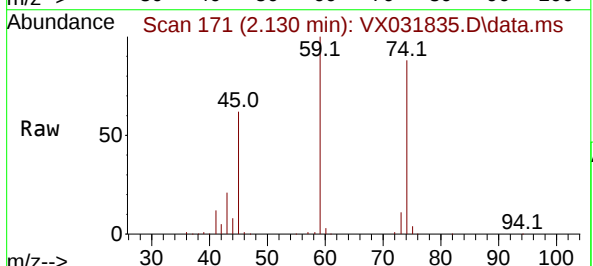
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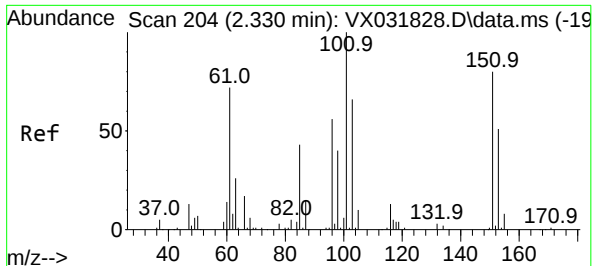
Reviewed By :John Carlone 10/04/2022
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#8
Diethyl Ether
Concen: 54.437 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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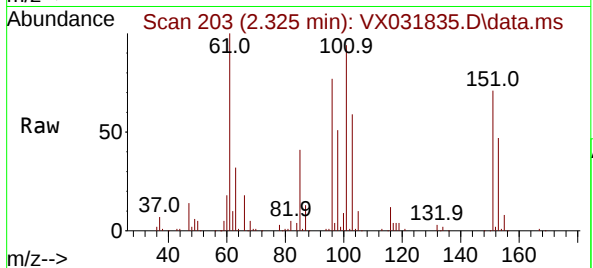
Tgt Ion: 74 Resp: 56598
Ion Ratio Lower Upper
74 100
45 70.8 48.5 145.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.146 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
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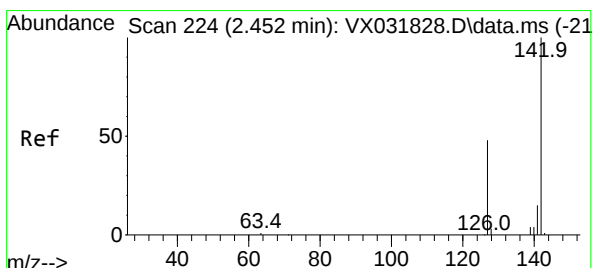
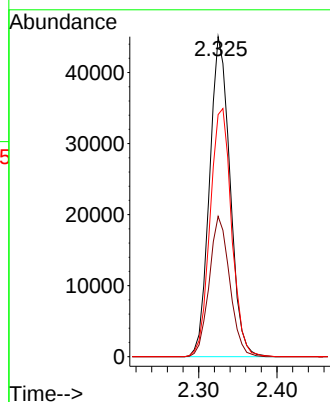
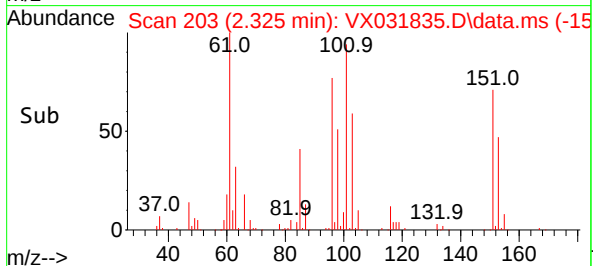
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



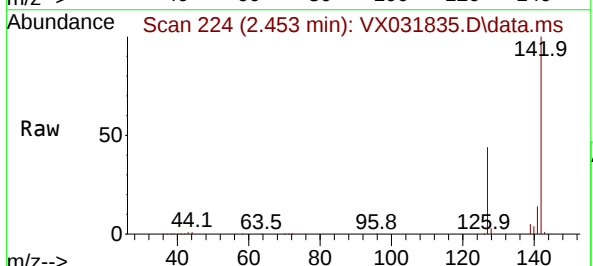
Tgt Ion:101 Resp: 81710
Ion Ratio Lower Upper
101 100
85 43.9 38.6 57.8
151 81.5 54.0 81.0

Manual Integrations
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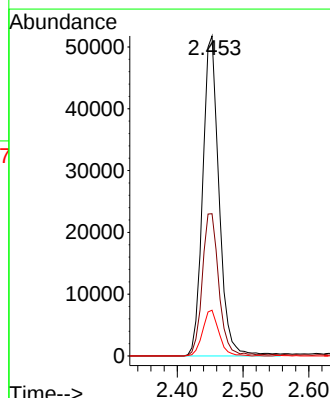
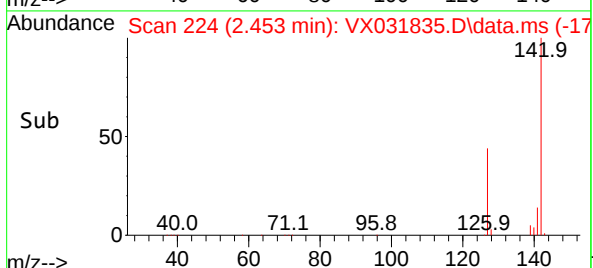
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

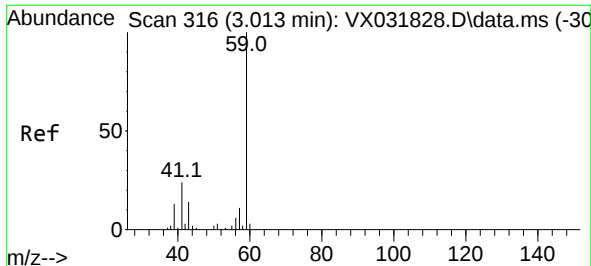


#10
Methyl Iodide
Concen: 56.138 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



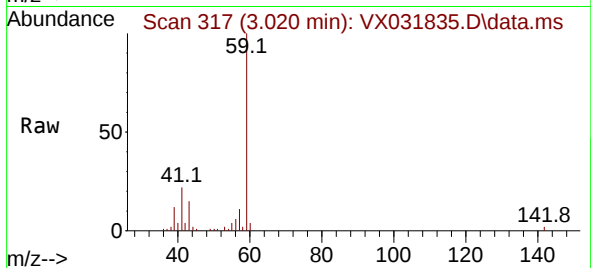
Tgt Ion:142 Resp: 89436
Ion Ratio Lower Upper
142 100
127 45.3 37.4 56.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 253.768 ug/l
RT: 3.020 min Scan# 316
Delta R.T. -0.061 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

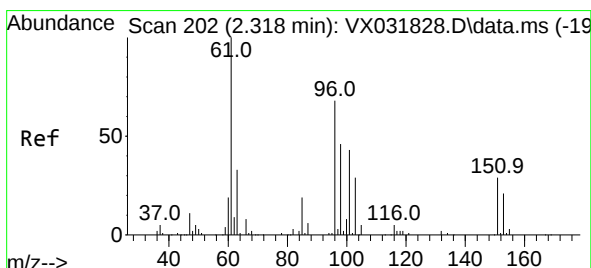
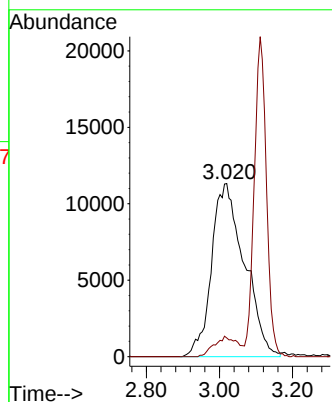
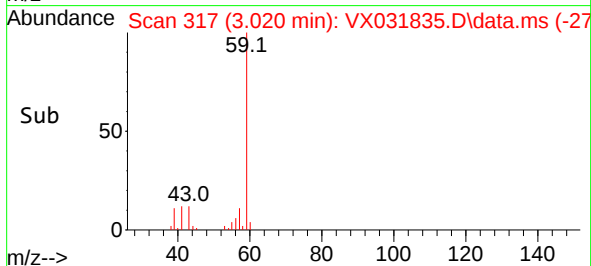
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 70584
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.2

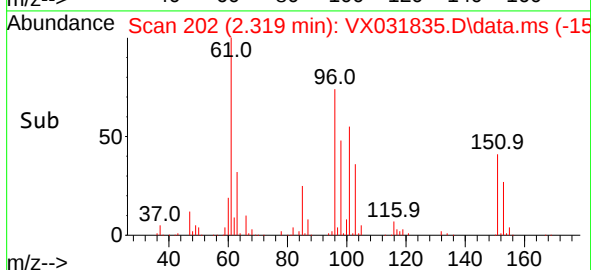
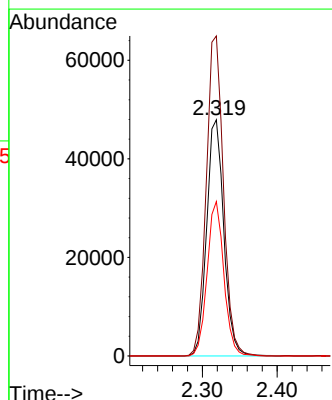
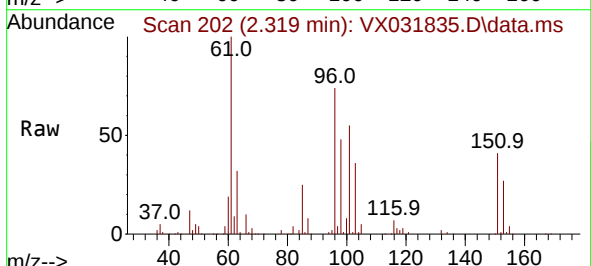
Manual Integrations
APPROVED

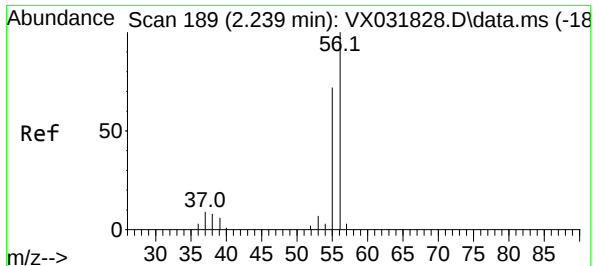
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#12
1,1-Dichloroethene
Concen: 48.916 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

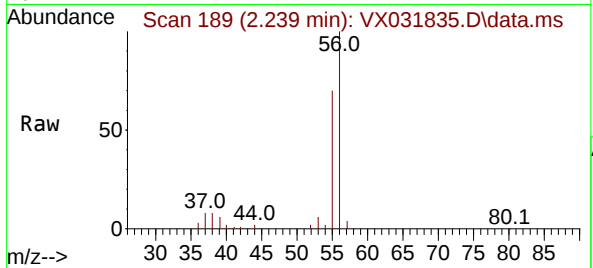
Tgt Ion: 96 Resp: 76230
Ion Ratio Lower Upper
96 100
61 135.5 135.3 202.9
98 65.3 49.4 74.2





#13
Acrolein
Concen: 221.705 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

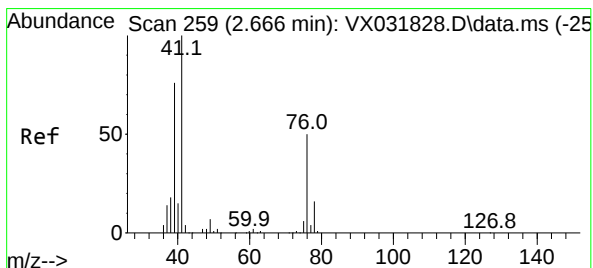
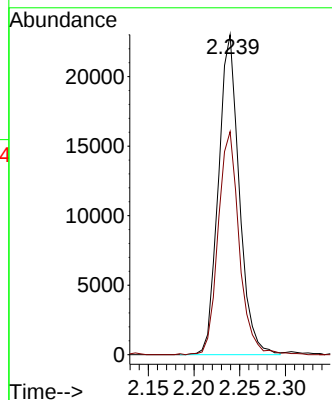
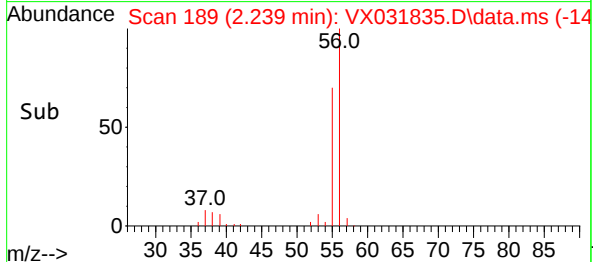
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 36509
Ion Ratio Lower Upper
56 100
55 70.4 56.0 84.0

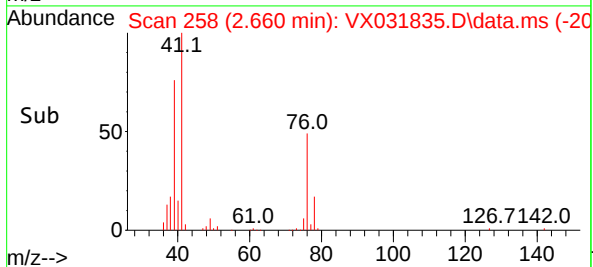
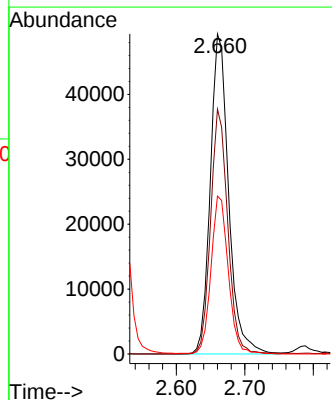
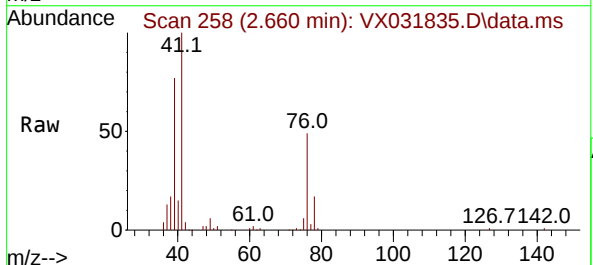
Manual Integrations
APPROVED

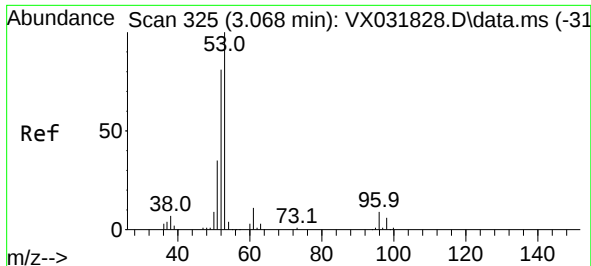
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#14
Allyl chloride
Concen: 46.077 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

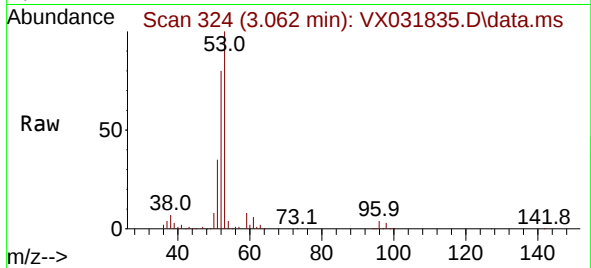
Tgt Ion: 41 Resp: 91658
Ion Ratio Lower Upper
41 100
39 71.5 58.2 87.4
76 46.6 26.9 40.3#





#15
Acrylonitrile
Concen: 235.592 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

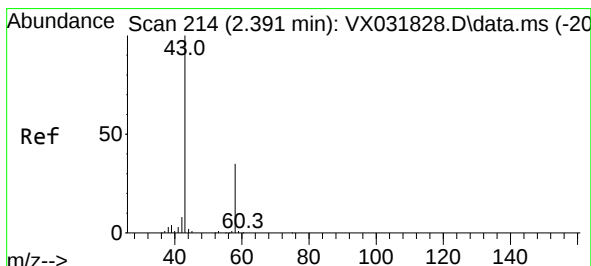
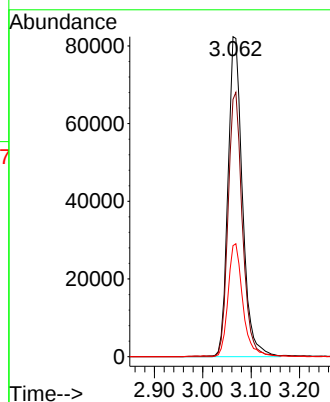
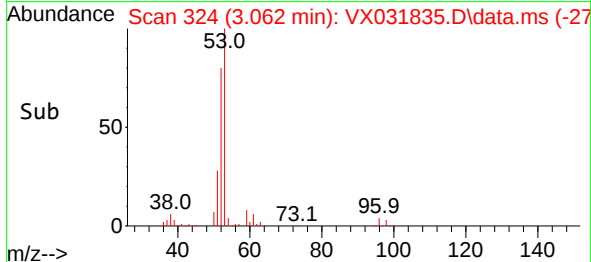
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17116
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 35.8 30.0 45.0

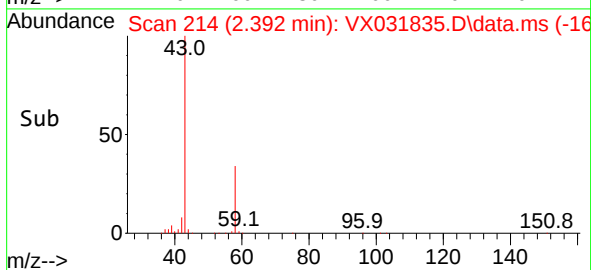
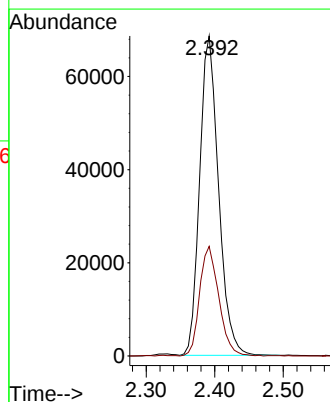
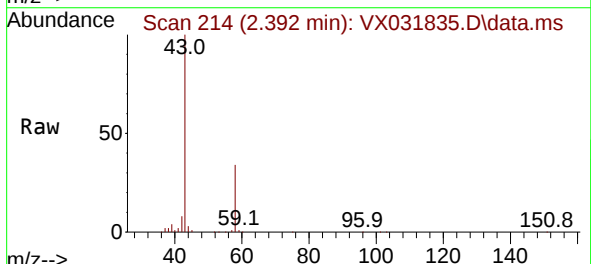
Manual Integrations
APPROVED

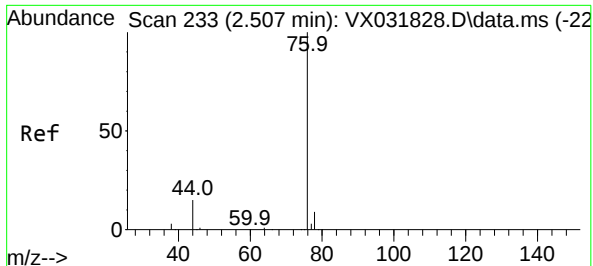
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#16
Acetone
Concen: 287.252 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

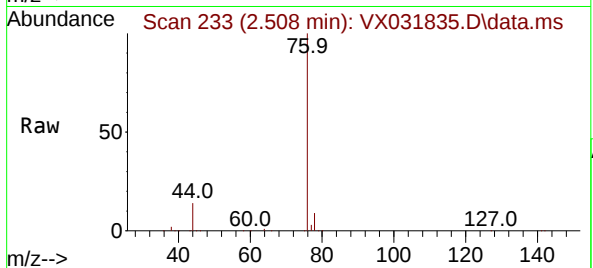
Tgt Ion: 43 Resp: 131905
Ion Ratio Lower Upper
43 100
58 34.3 23.8 35.8





#17
Carbon Disulfide
Concen: 54.531 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

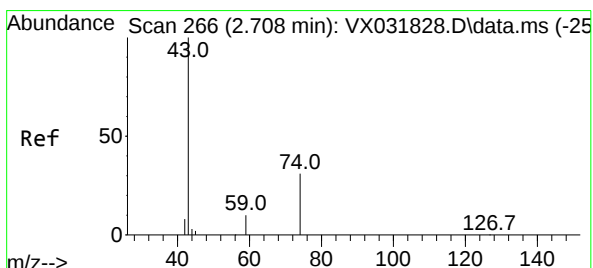
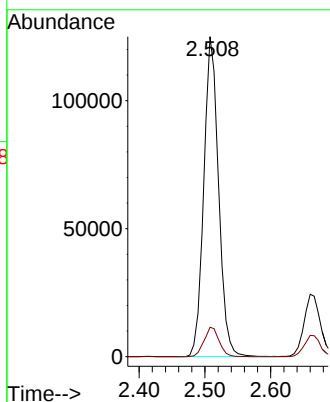
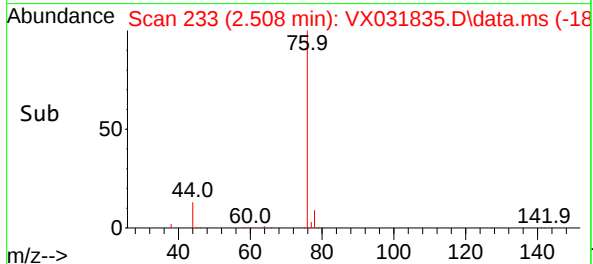
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 195289
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

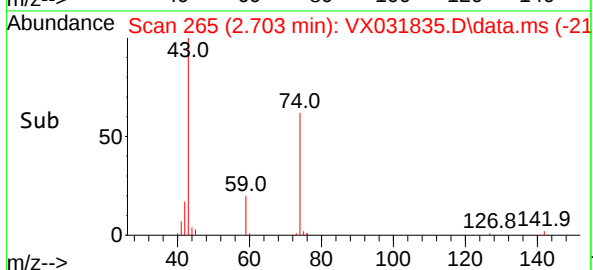
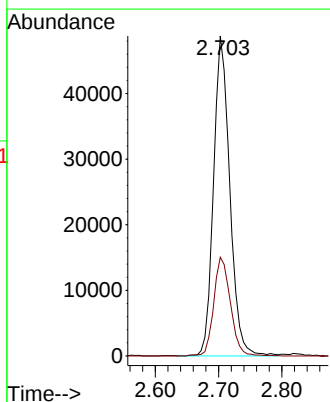
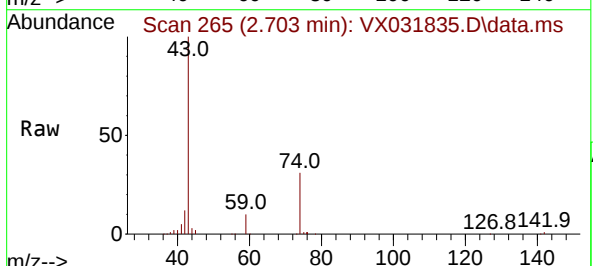
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#18
Methyl Acetate
Concen: 46.635 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 43 Resp: 87151
Ion Ratio Lower Upper
43 100
74 31.7 18.6 27.8#





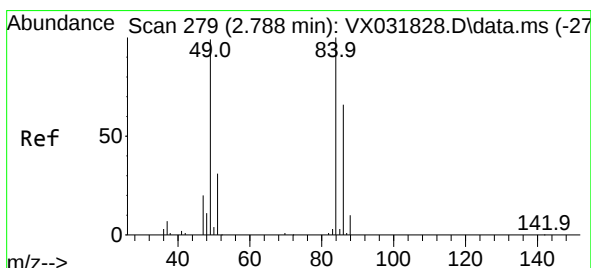
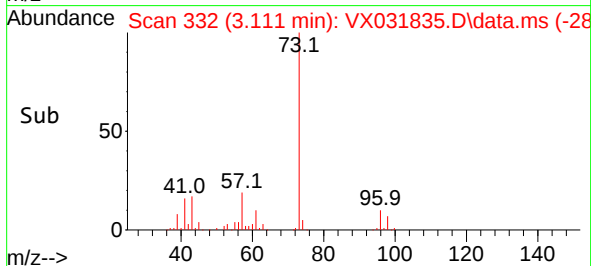
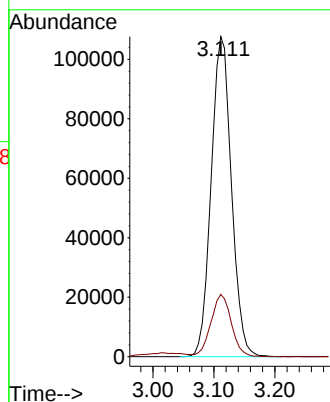
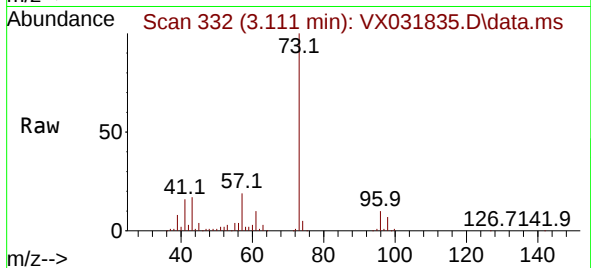
#19
Methyl tert-butyl Ether
Concen: 49.002 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24860
Ion Ratio Lower Upper
73 100
57 19.4 17.2 25.8

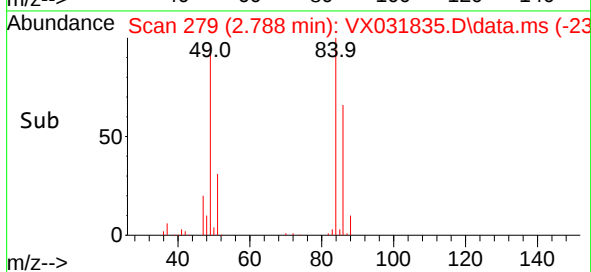
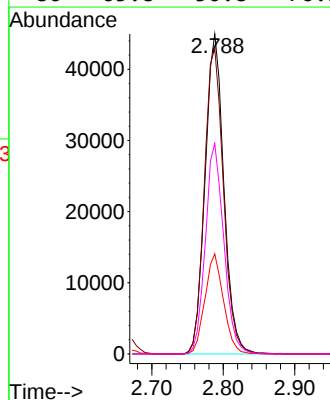
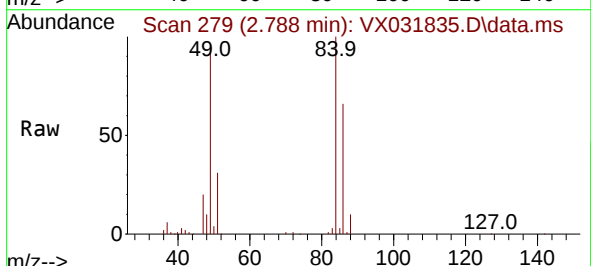
Manual Integrations
APPROVED

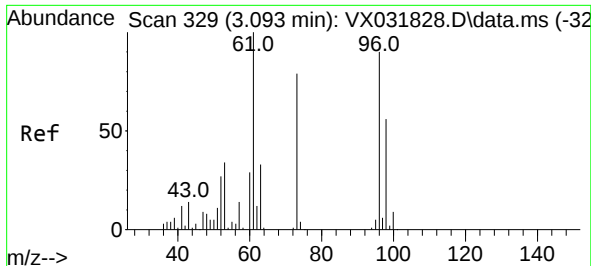
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#20
Methylene Chloride
Concen: 46.936 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

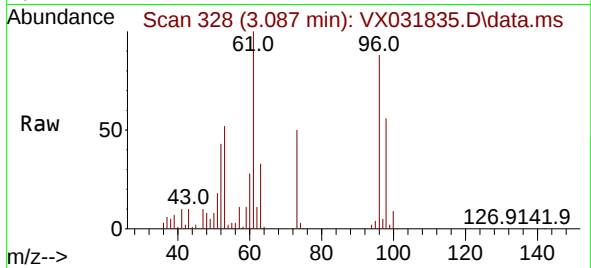
Tgt Ion: 84 Resp: 82032
Ion Ratio Lower Upper
84 100
49 95.6 105.9 158.9#
51 31.3 32.2 48.2#
86 65.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.514 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

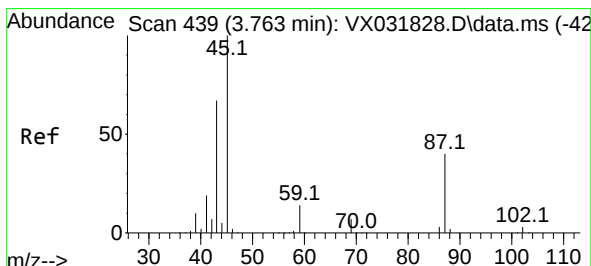
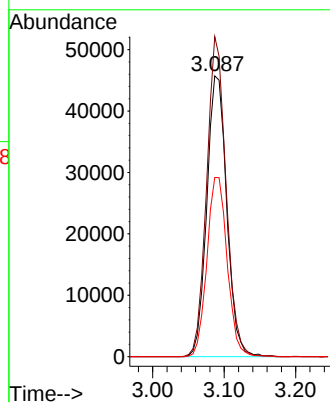
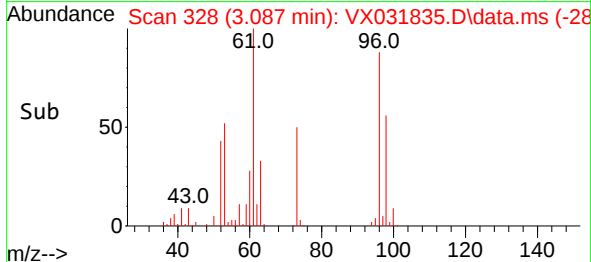
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



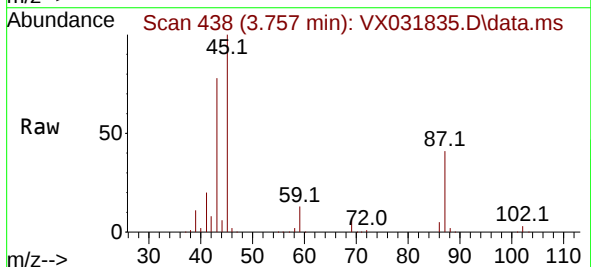
Tgt Ion: 96 Resp: 8863
Ion Ratio Lower Upper
96 100
61 113.9 106.7 160.1
98 63.8 48.7 73.1

Manual Integrations
APPROVED

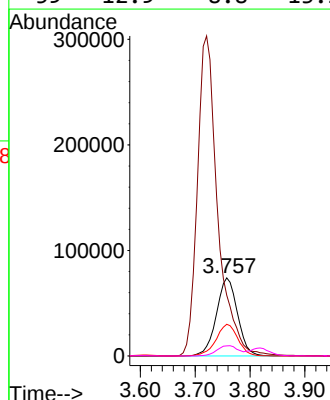
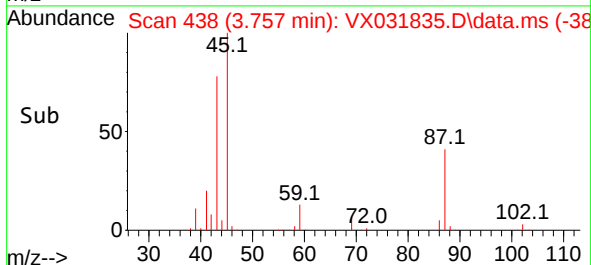
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

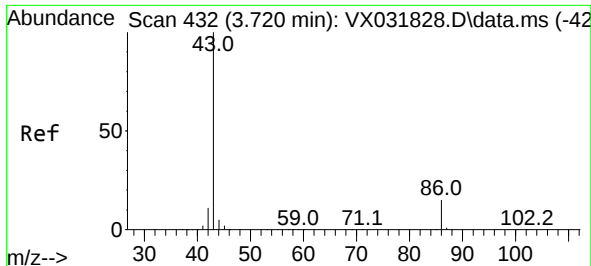


#22
Diisopropyl ether
Concen: 46.912 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



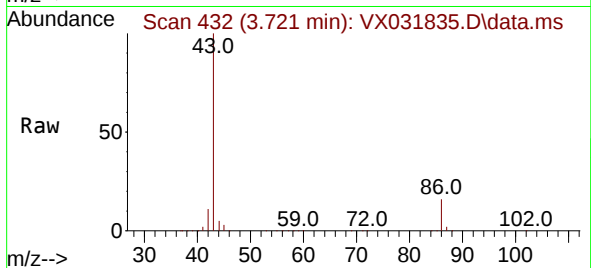
Tgt Ion: 45 Resp: 197870
Ion Ratio Lower Upper
45 100
43 76.8 59.0 88.6
87 40.6 22.6 33.8#
59 12.9 8.8 13.2





#23
 Vinyl Acetate
 Concen: 248.850 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX031835.D
 Acq: 03 Oct 2022 15:46

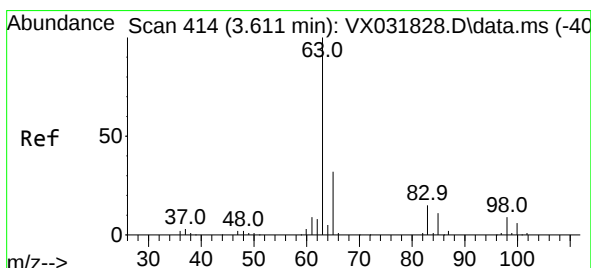
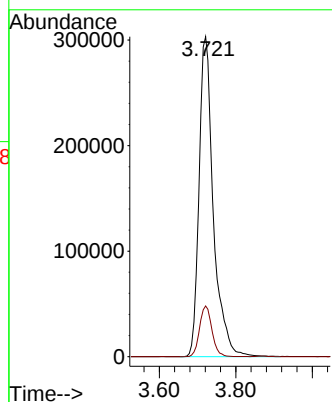
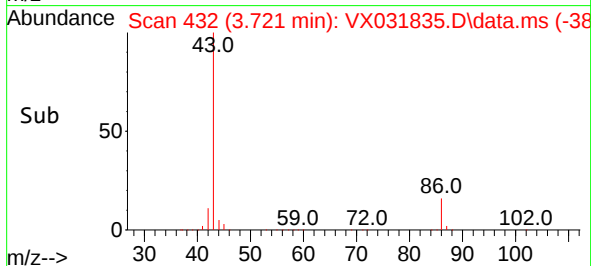
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



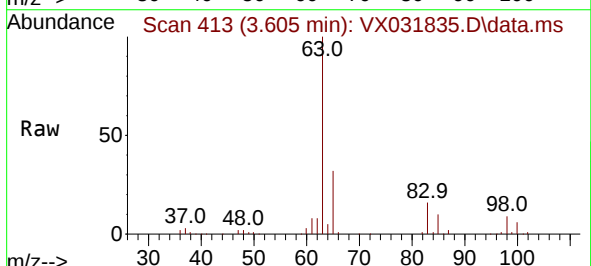
Tgt Ion: 43 Resp: 78515
 Ion Ratio Lower Upper
 43 100
 86 15.9 8.7 13.1

Manual Integrations
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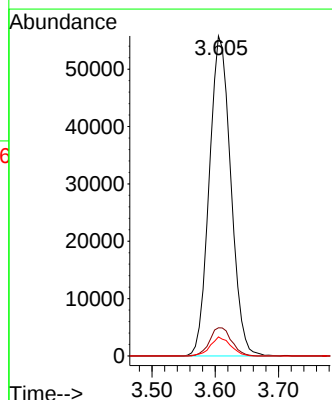
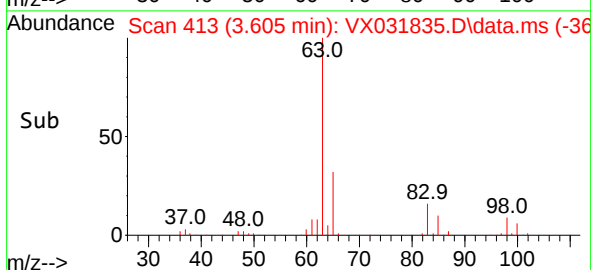
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022

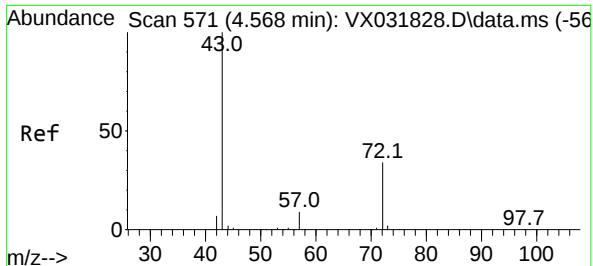


#24
 1,1-Dichloroethane
 Concen: 46.565 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031835.D
 Acq: 03 Oct 2022 15:46



Tgt Ion: 63 Resp: 131995
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.4
 100 6.0 2.4 7.2





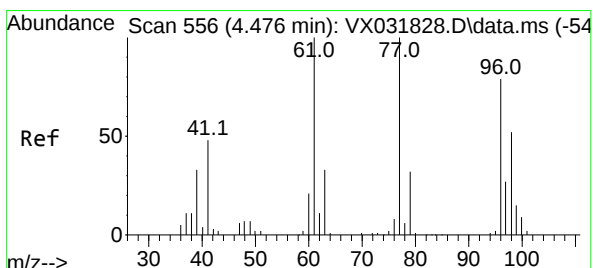
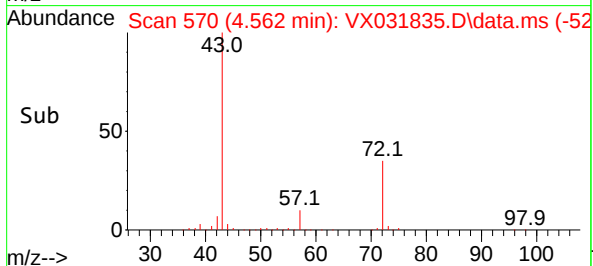
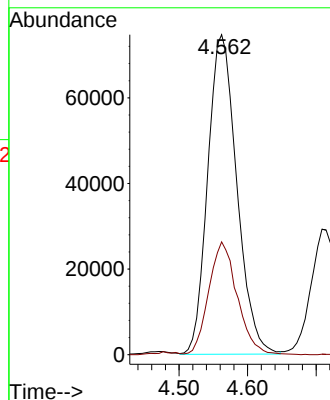
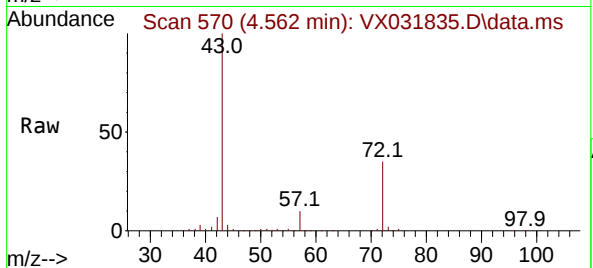
#25
2-Butanone
Concen: 240.084 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22009
Ion Ratio Lower Upper
43 100
72 35.1 21.1 31.7

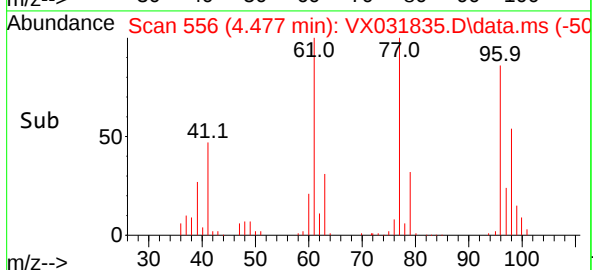
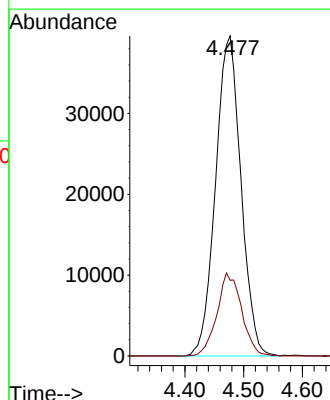
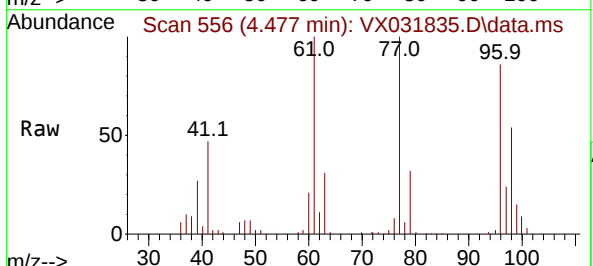
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#26
2,2-Dichloropropane
Concen: 49.068 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 77 Resp: 118746
Ion Ratio Lower Upper
77 100
97 25.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.699 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10344

Ion Ratio Lower Upper

96 100

61 115.4 0.0 305.2

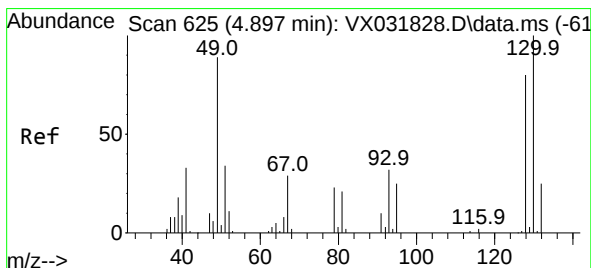
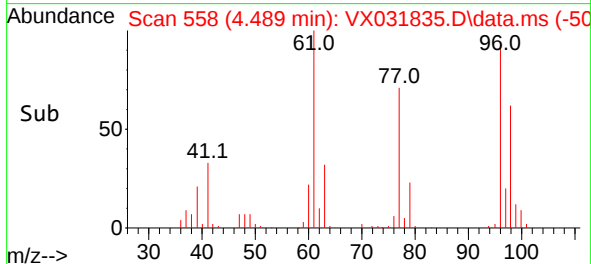
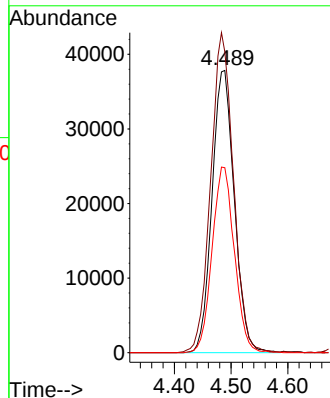
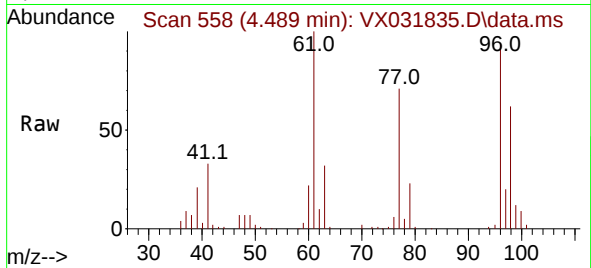
98 65.8 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#28

Bromochloromethane

Concen: 45.985 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

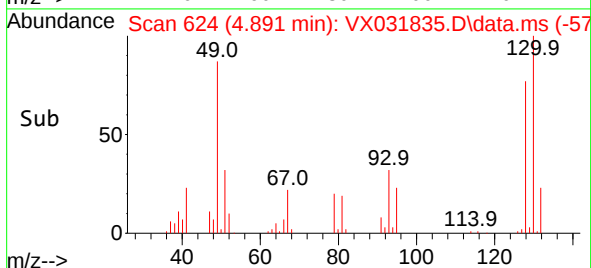
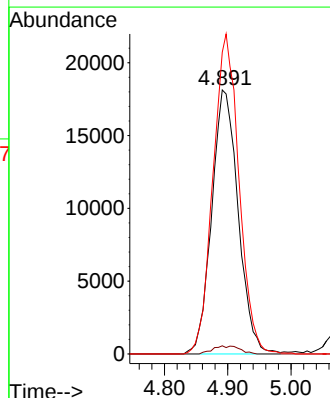
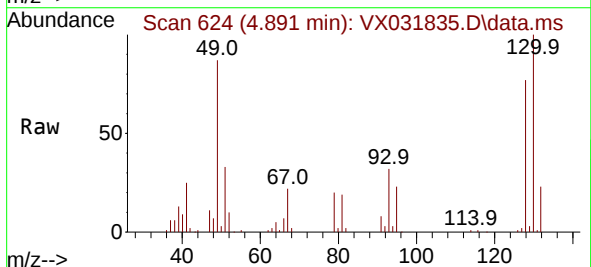
Tgt Ion: 49 Resp: 52681

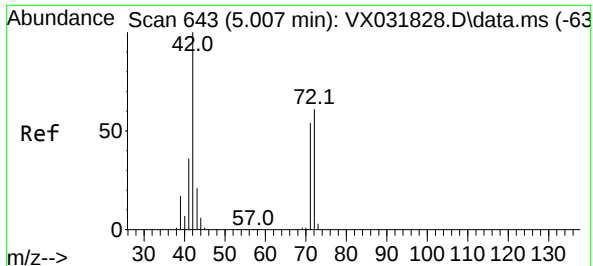
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 119.0 59.0 88.4#





#29

Tetrahydrofuran

Concen: 242.511 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13726

Ion Ratio Lower Upper

42 100

72 61.1 36.4 54.6

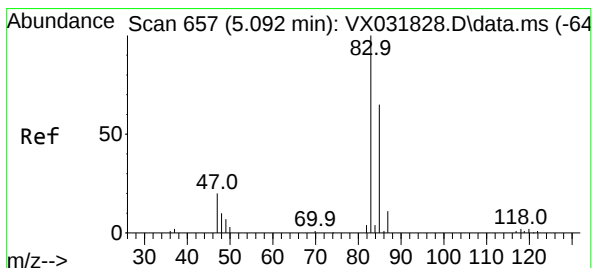
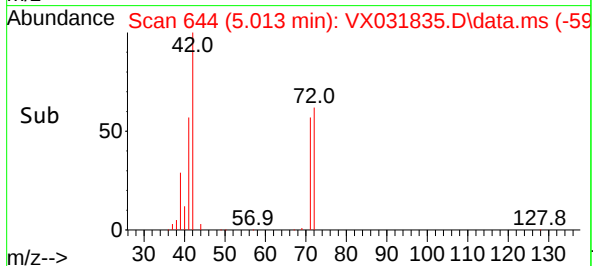
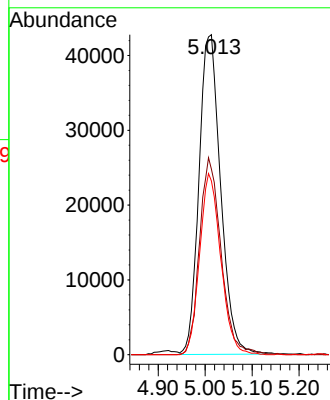
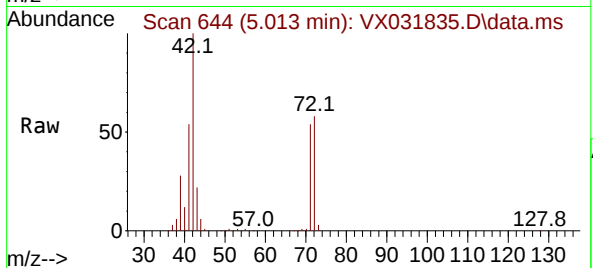
71 55.1 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#30

Chloroform

Concen: 47.853 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX031835.D

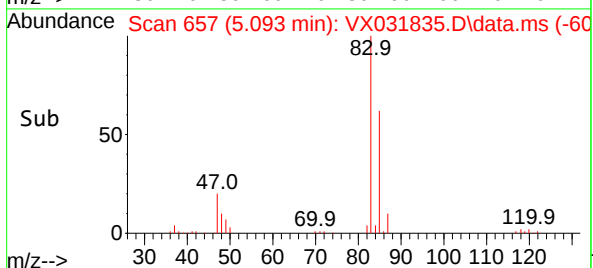
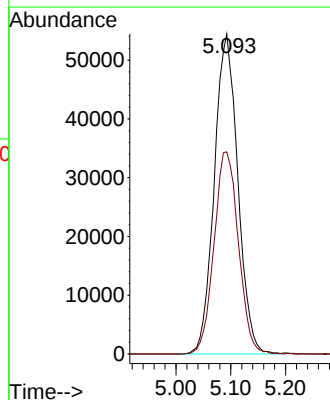
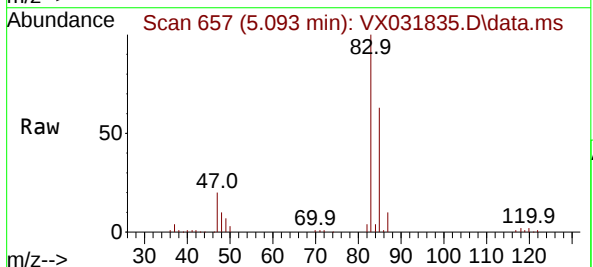
Acq: 03 Oct 2022 15:46

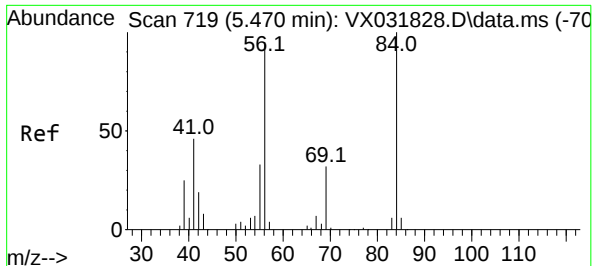
Tgt Ion: 83 Resp: 162273

Ion Ratio Lower Upper

83 100

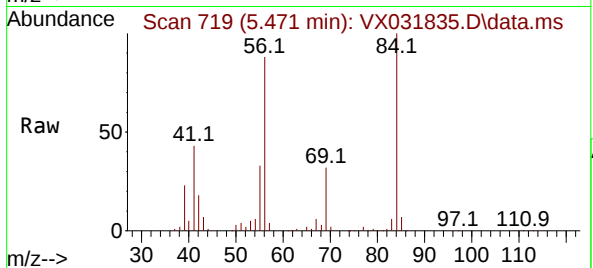
85 63.1 52.8 79.2





#31
Cyclohexane
Concen: 47.583 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

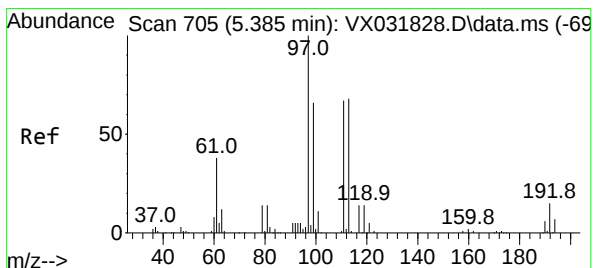
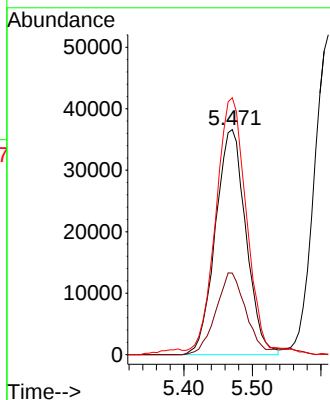
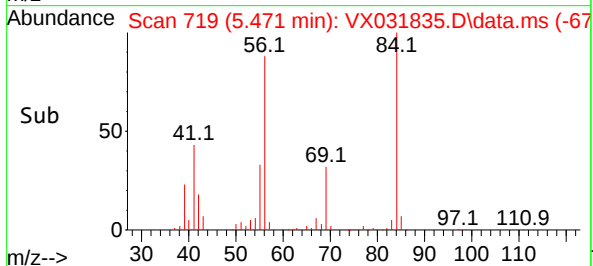
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



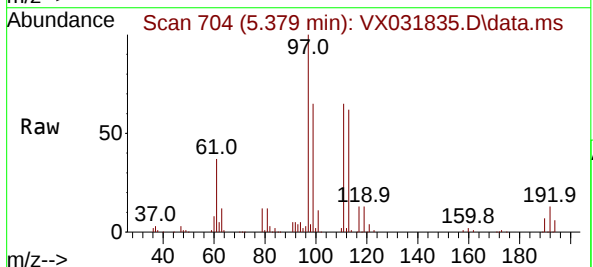
Tgt Ion: 56 Resp: 113218
Ion Ratio Lower Upper
56 100
69 36.2 25.1 37.7
84 111.5 70.2 105.4

Manual Integrations
APPROVED

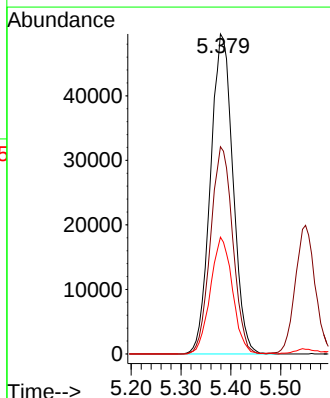
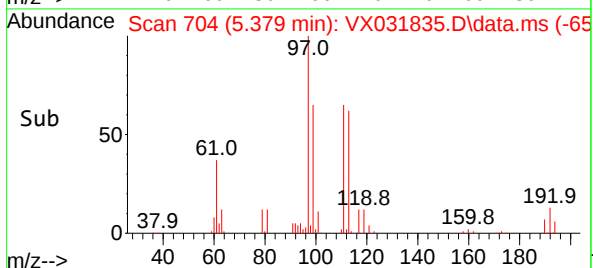
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

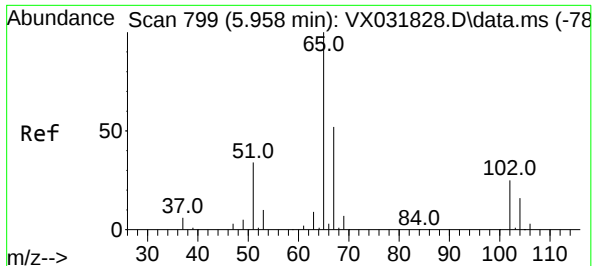


#32
1,1,1-Trichloroethane
Concen: 48.209 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion: 97 Resp: 155136
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 35.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.570 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8904

Ion Ratio Lower Upper

65 100

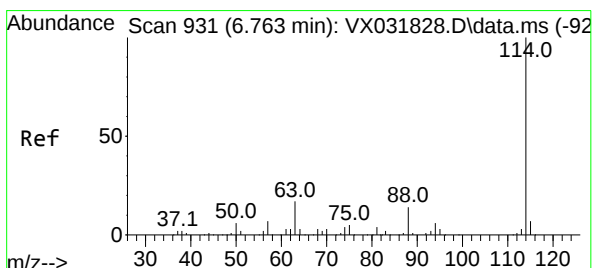
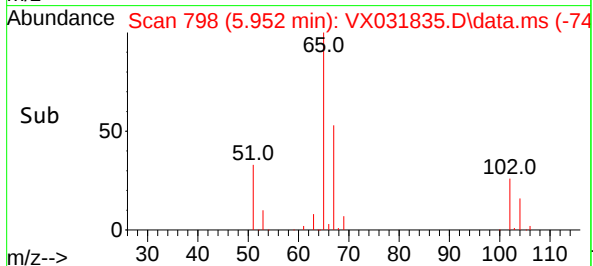
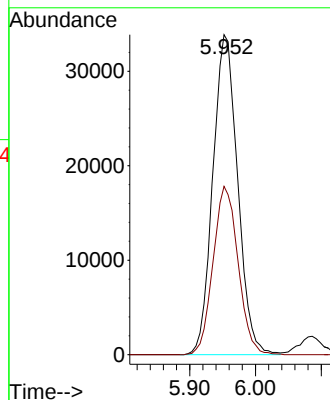
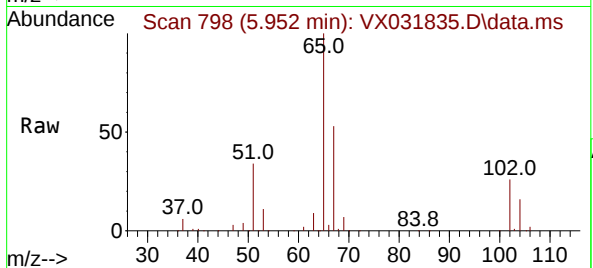
67 53.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

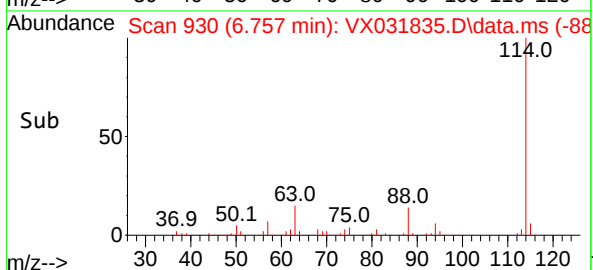
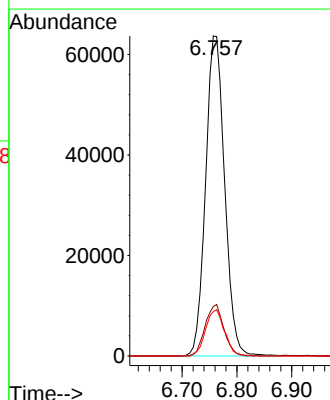
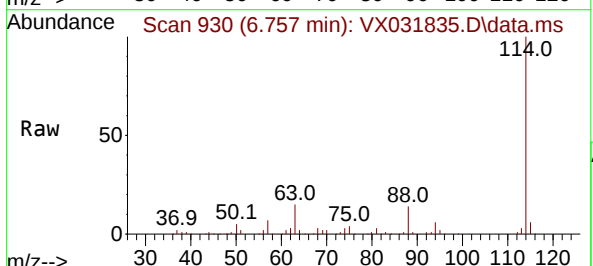
Tgt Ion:114 Resp: 153457

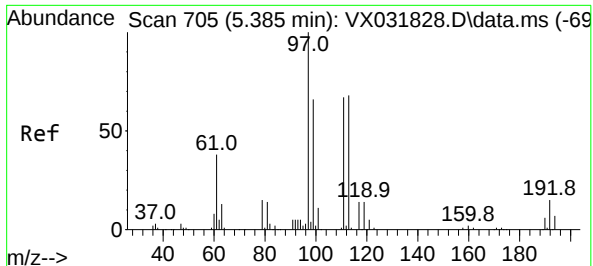
Ion Ratio Lower Upper

114 100

63 15.5 0.0 42.6

88 13.8 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.914 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 92829

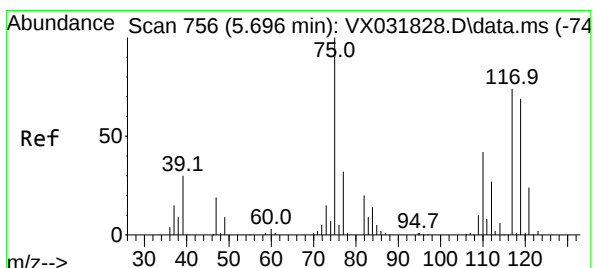
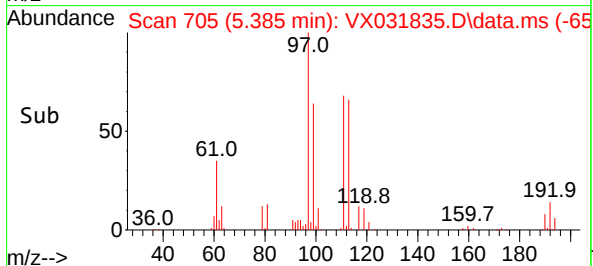
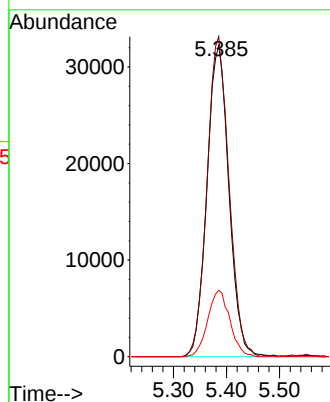
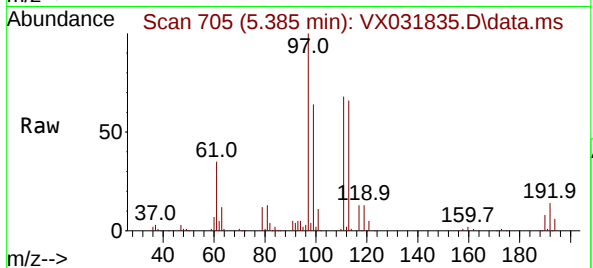
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.5	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#36

1,1-Dichloropropene

Concen: 50.819 ug/l

RT: 5.690 min Scan# 755

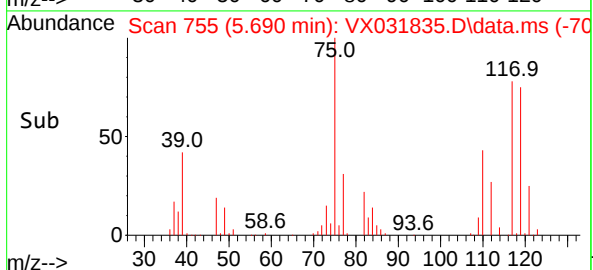
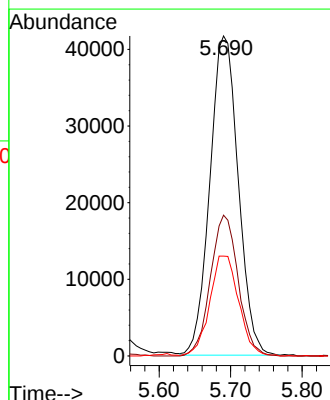
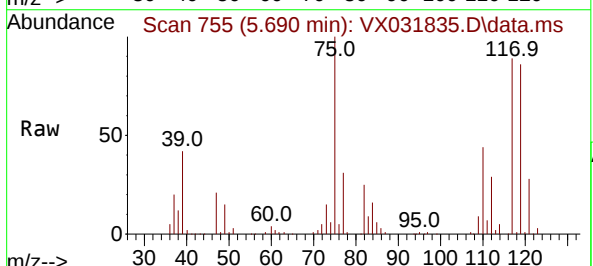
Delta R.T. -0.006 min

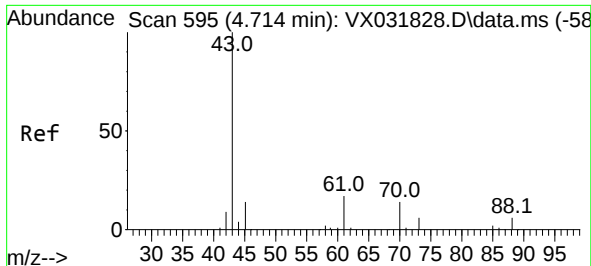
Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Tgt Ion: 75 Resp: 114888

Ion	Ratio	Lower	Upper
75	100		
110	43.0	17.5	52.5
77	32.0	24.9	37.3





#37

Ethyl Acetate

Concen: 49.568 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

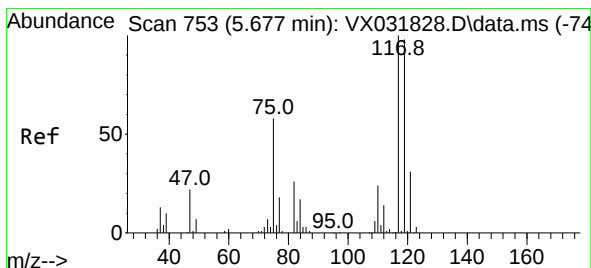
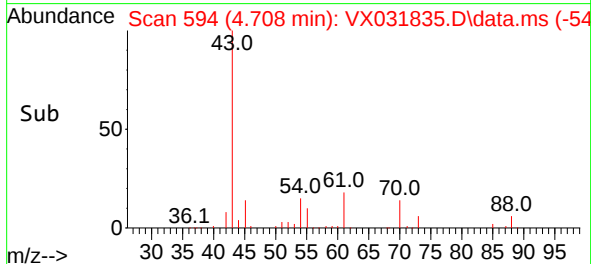
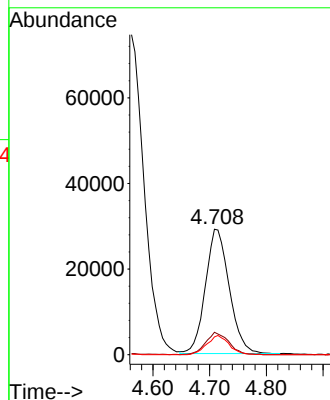
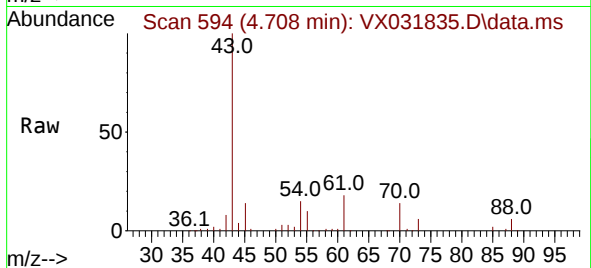
Tgt Ion: 43	Resp: 8482
Ion Ratio	Lower Upper
43 100	
61 17.6	11.1 16.7
70 14.4	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#38

Carbon Tetrachloride

Concen: 52.356 ug/l

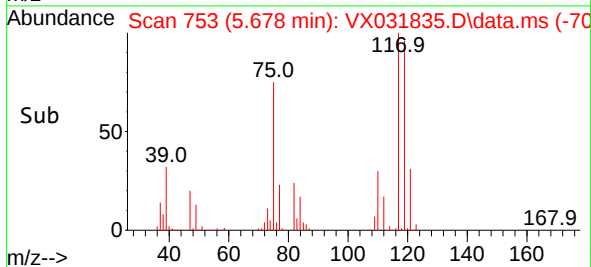
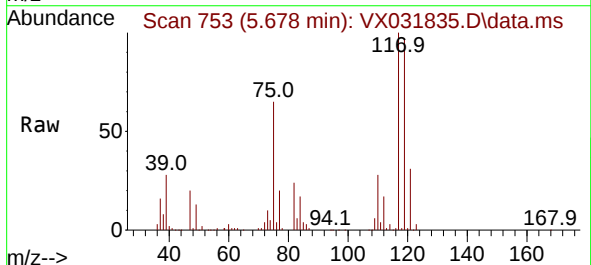
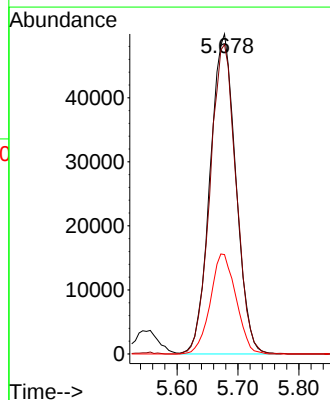
RT: 5.678 min Scan# 753

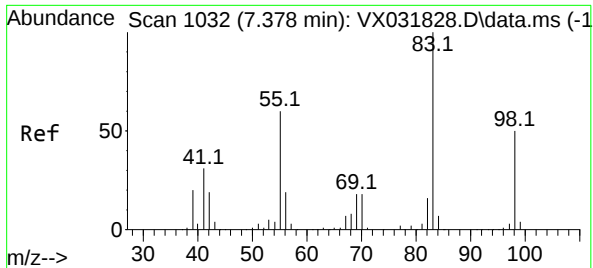
Delta R.T. -0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Tgt Ion: 117	Resp: 146938
Ion Ratio	Lower Upper
117 100	
119 96.6	74.6 112.0
121 31.1	25.3 37.9





#39

Methylcyclohexane

Concen: 53.731 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 149019

Ion Ratio Lower Upper

83 100

55 57.5 61.0 91.4

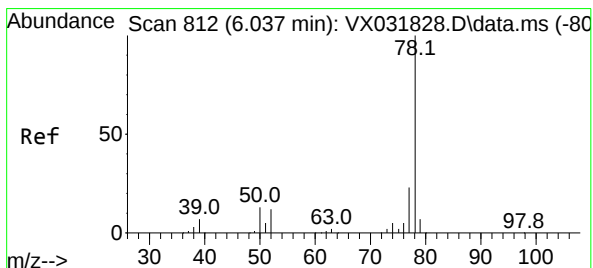
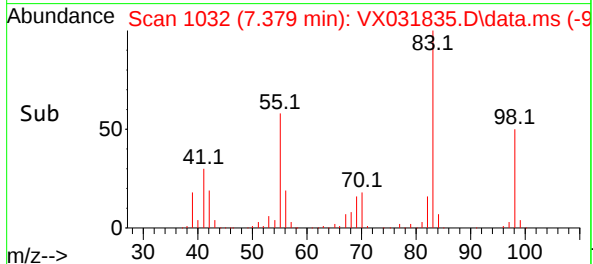
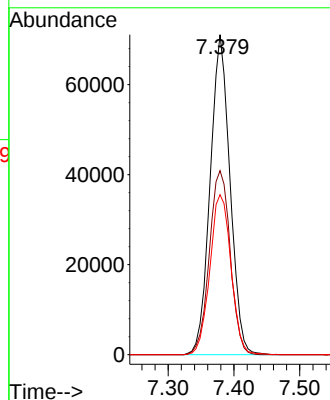
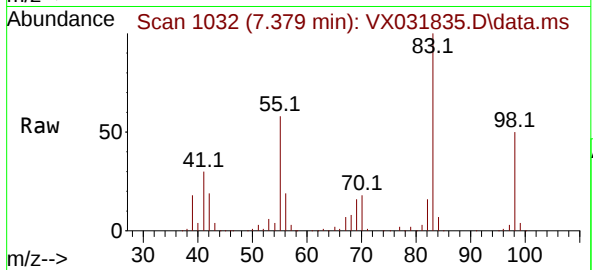
98 50.0 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#40

Benzene

Concen: 51.756 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031835.D

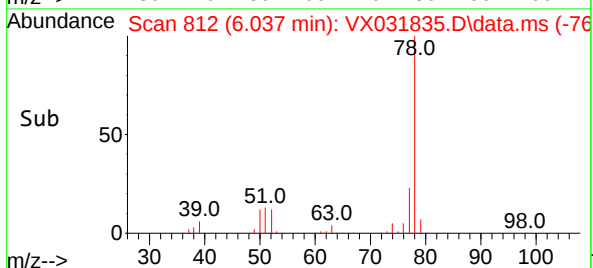
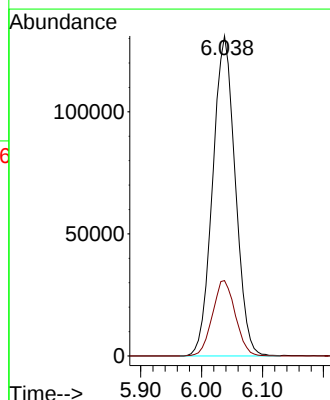
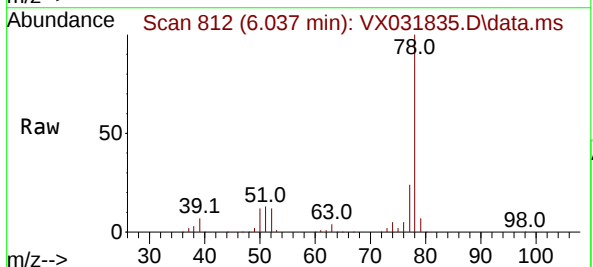
Acq: 03 Oct 2022 15:46

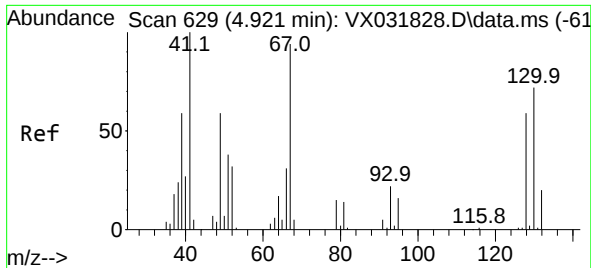
Tgt Ion: 78 Resp: 338014

Ion Ratio Lower Upper

78 100

77 23.5 18.7 28.1





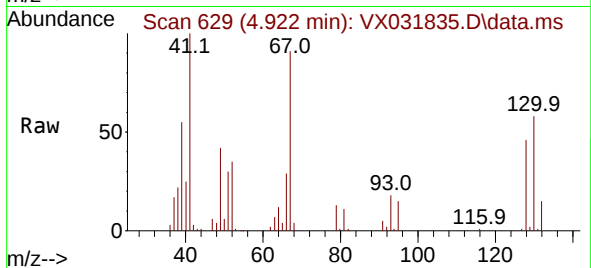
#41
Methacrylonitrile
Concen: 50.598 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



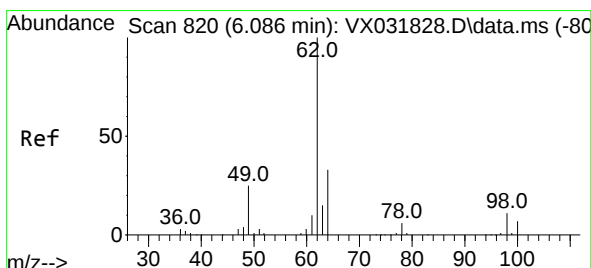
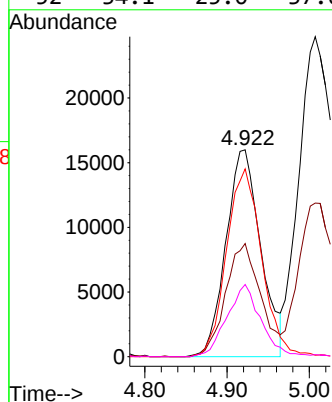
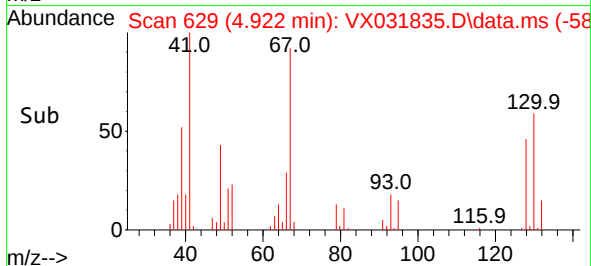
Tgt Ion: 41 Resp: 47052
Ion Ratio Lower Upper
41 100
39 55.0 45.0 67.6
67 92.1 58.2 87.4
52 34.1 25.0 37.6

Manual Integrations

APPROVED

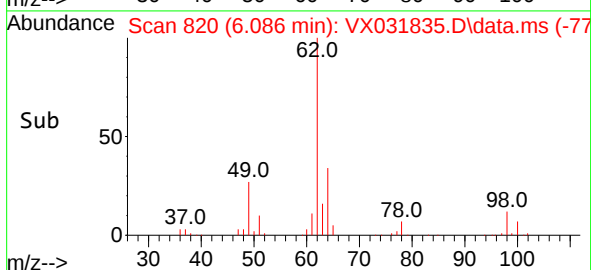
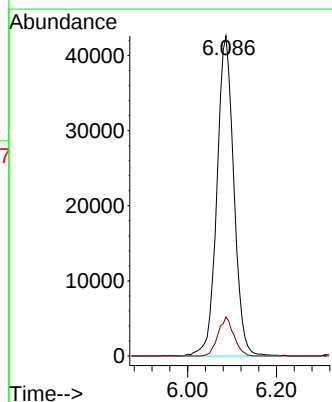
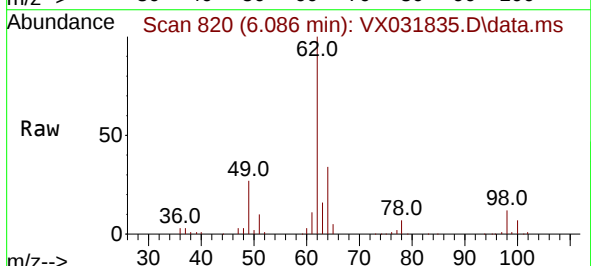
Reviewed By :John Carlone 10/04/2022

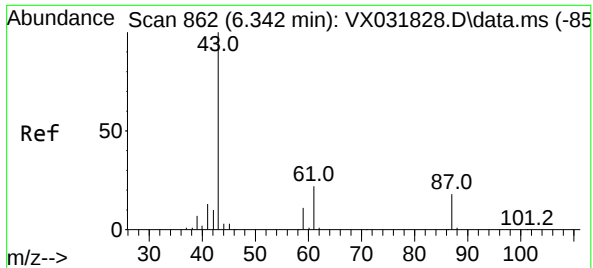
Supervised By :Mahesh Dadoda 10/06/2022



#42
1,2-Dichloroethane
Concen: 49.119 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

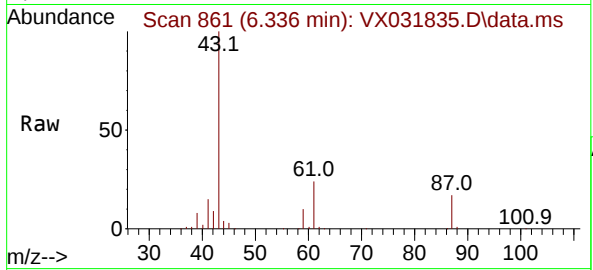
Tgt Ion: 62 Resp: 112383
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 51.207 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

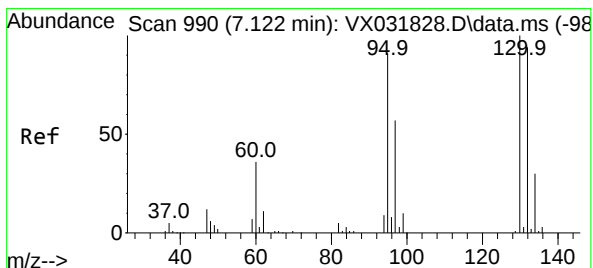
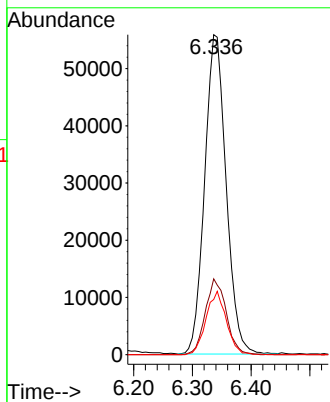
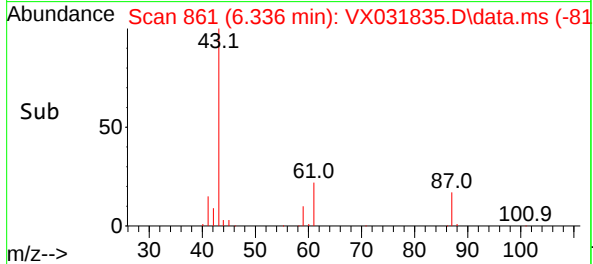
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 141680
Ion Ratio Lower Upper
43 100
61 23.1 15.3 22.9
87 18.8 10.6 15.8

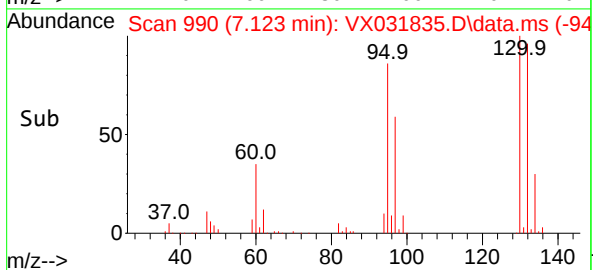
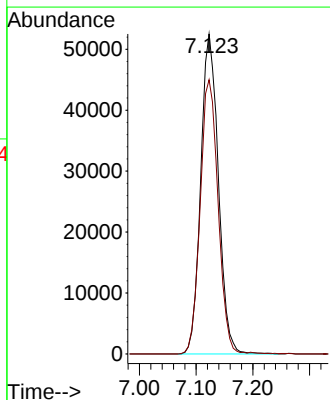
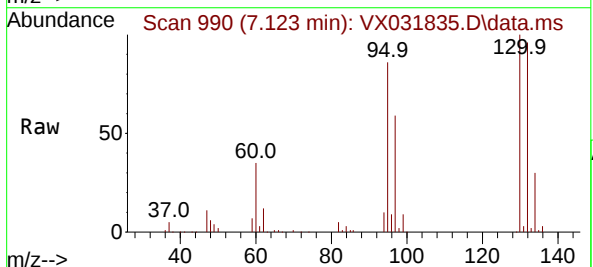
Manual Integrations
APPROVED

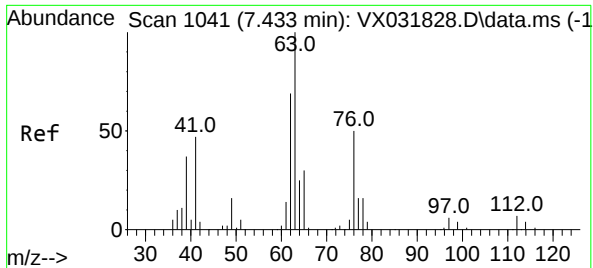
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#44
Trichloroethene
Concen: 53.904 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion:130 Resp: 113732
Ion Ratio Lower Upper
130 100
95 85.7 0.0 206.8





#45

1,2-Dichloropropane

Concen: 50.864 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7782

Ion Ratio Lower Upper

63 100

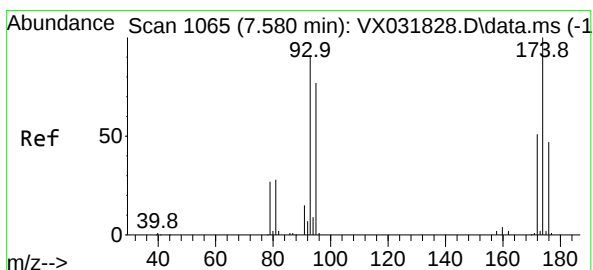
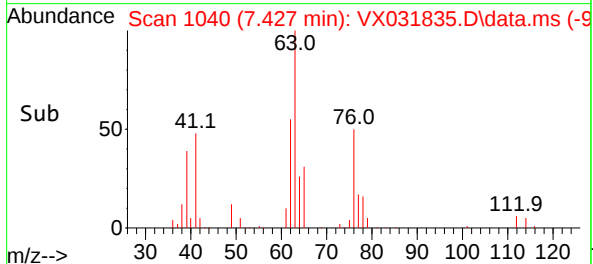
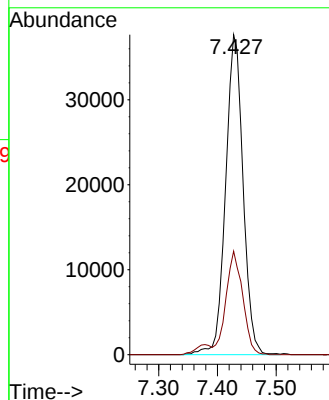
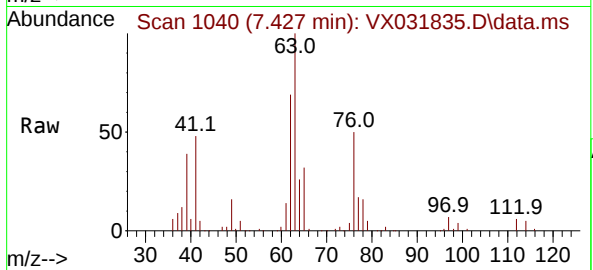
65 32.3 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#46

Dibromomethane

Concen: 52.390 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

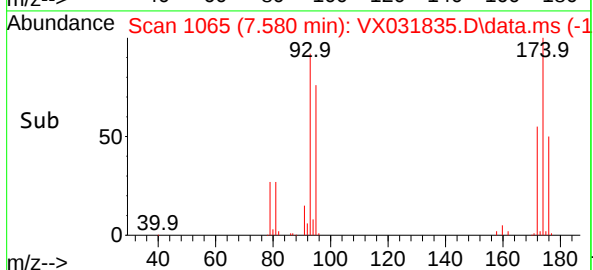
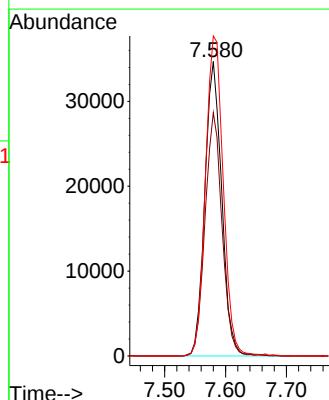
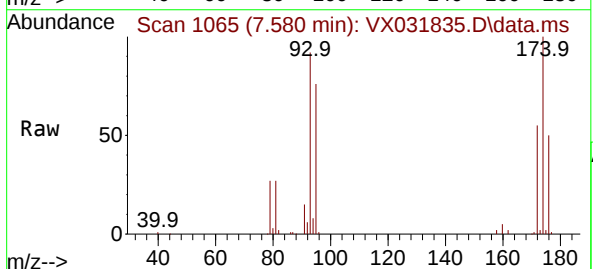
Tgt Ion: 93 Resp: 66813

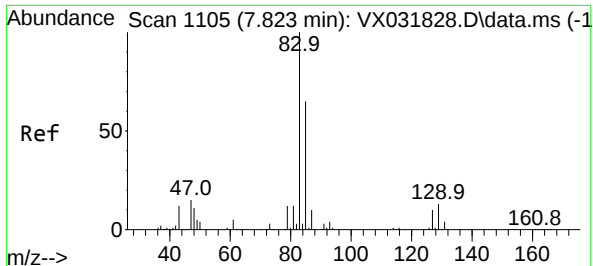
Ion Ratio Lower Upper

93 100

95 83.3 65.5 98.3

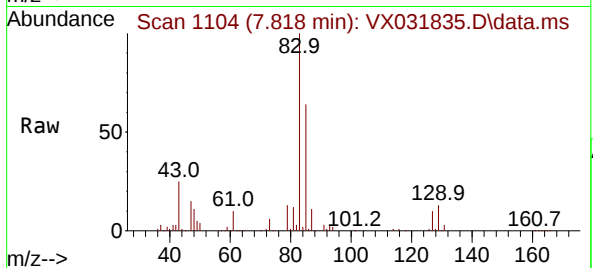
174 114.2 67.6 101.4#





#47
Bromodichloromethane
Concen: 49.996 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

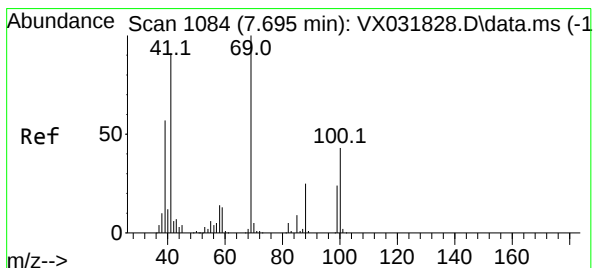
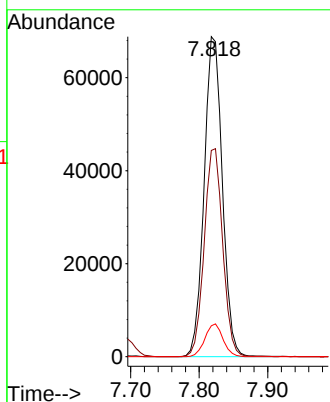
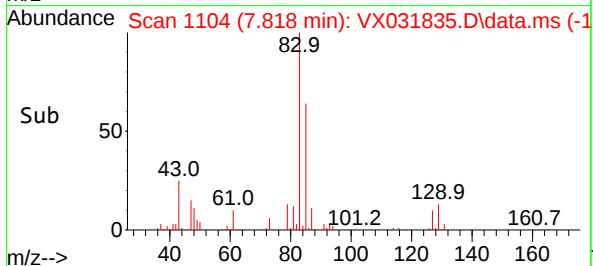
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 127600
Ion Ratio Lower Upper
83 100
85 64.4 51.0 76.6
127 9.6 7.0 10.6

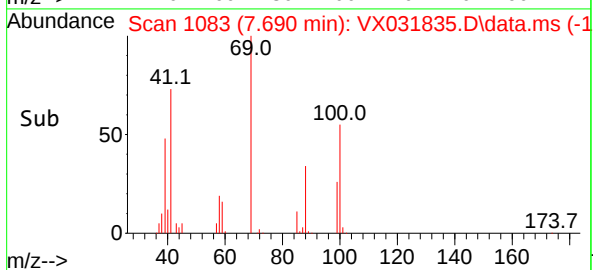
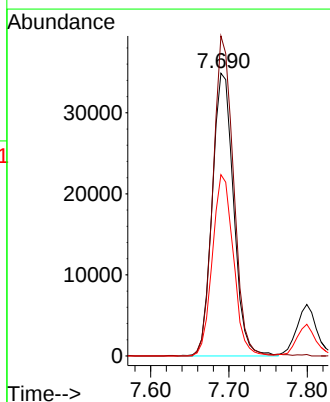
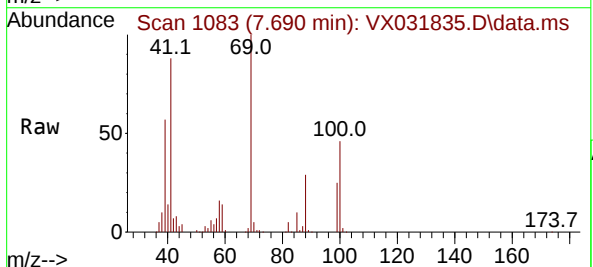
Manual Integrations
APPROVED

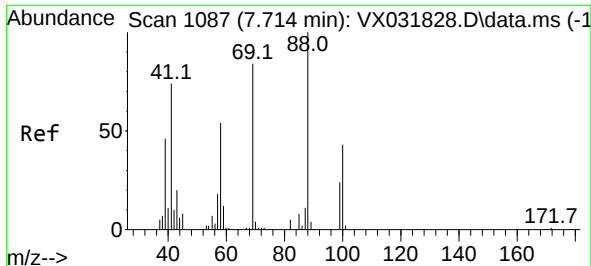
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#48
Methyl methacrylate
Concen: 53.273 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 41 Resp: 65961
Ion Ratio Lower Upper
41 100
69 108.7 64.6 96.8#
39 63.1 51.4 77.0





#49

1,4-Dioxane

Concen: 1043.337 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

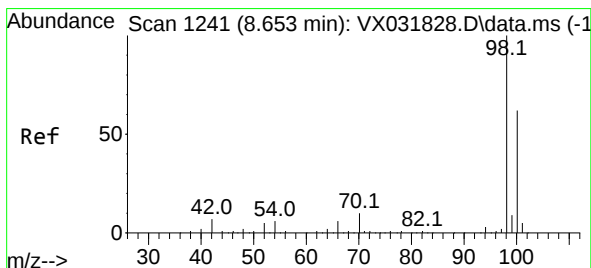
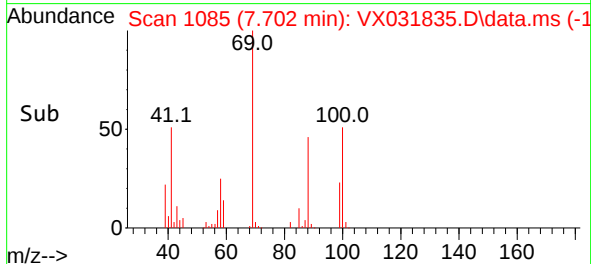
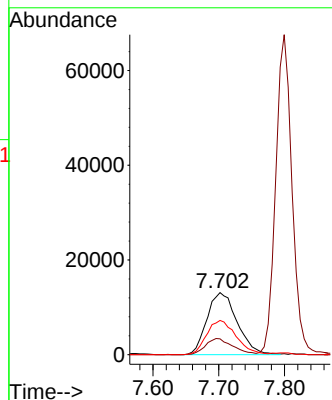
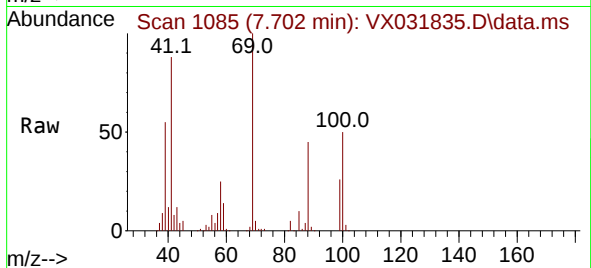
Tgt Ion: 88 Resp: 4187
 Ion Ratio Lower Upper
 88 100
 43 23.7 27.1 40.7
 58 54.0 53.9 80.9

Manual Integrations

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Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#50

Toluene-d8

Concen: 51.646 ug/l

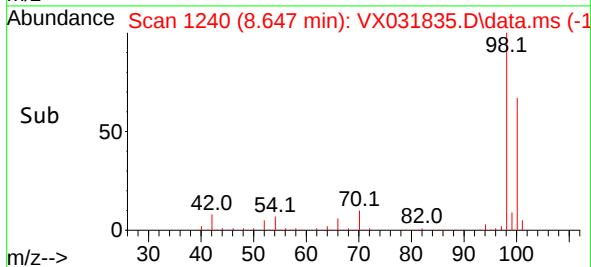
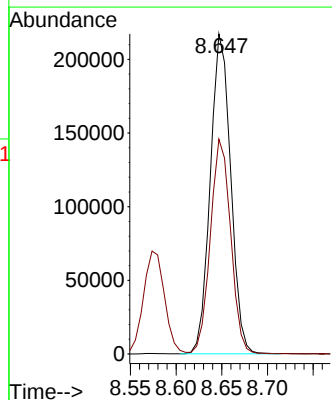
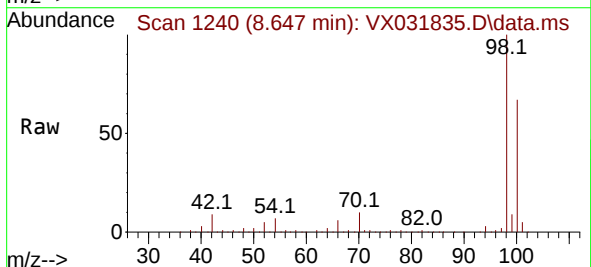
RT: 8.647 min Scan# 1240

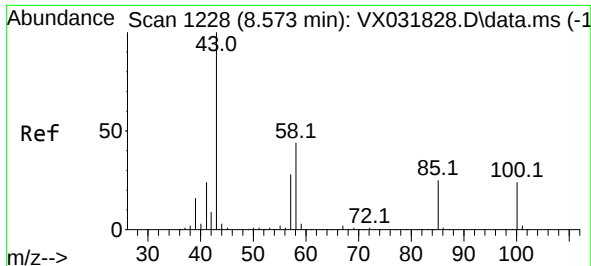
Delta R.T. -0.006 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

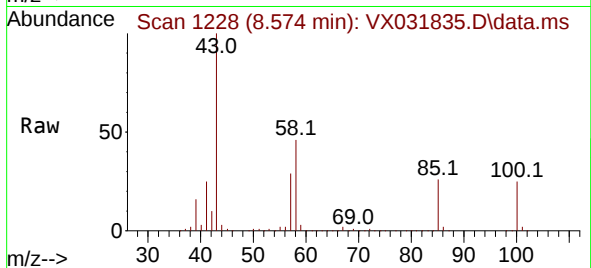
Tgt Ion: 98 Resp: 336851
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 255.632 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

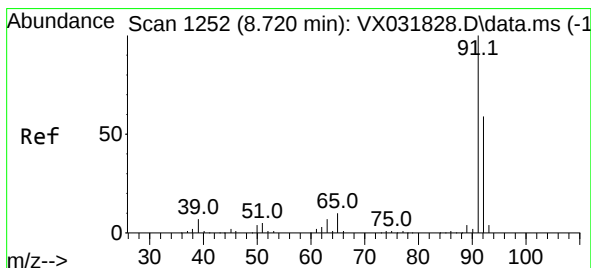
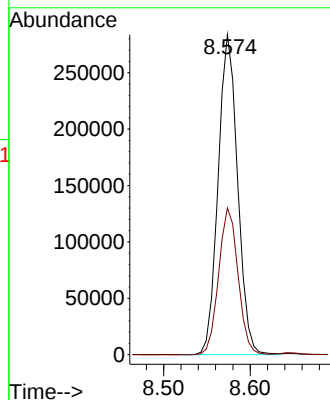
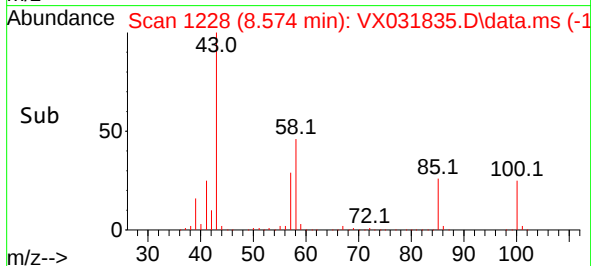
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



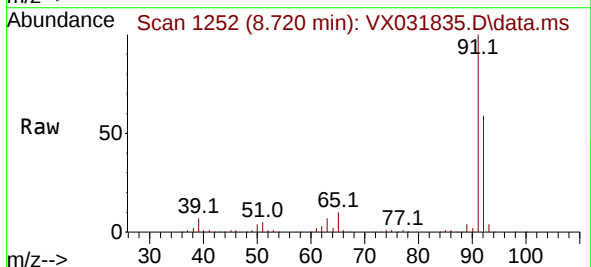
Tgt Ion: 43 Resp: 443992
Ion Ratio Lower Upper
43 100
58 45.5 30.6 46.0

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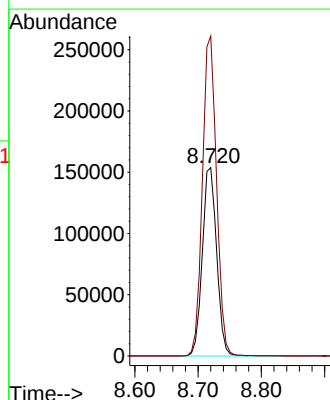
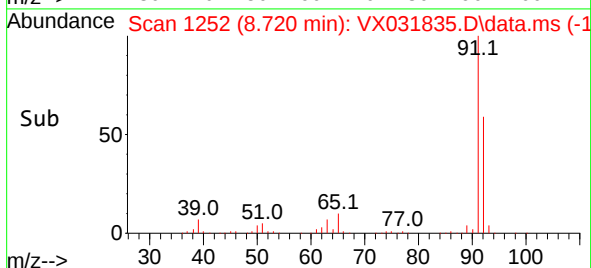
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

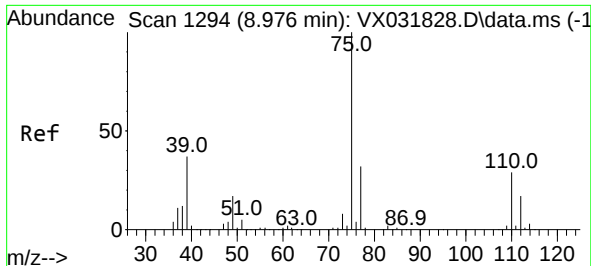


#52
Toluene
Concen: 52.908 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion: 92 Resp: 242242
Ion Ratio Lower Upper
92 100
91 167.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 53.399 ug/l

RT: 8.976 min Scan# 11996

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 12996

Ion Ratio Lower Upper

75 100

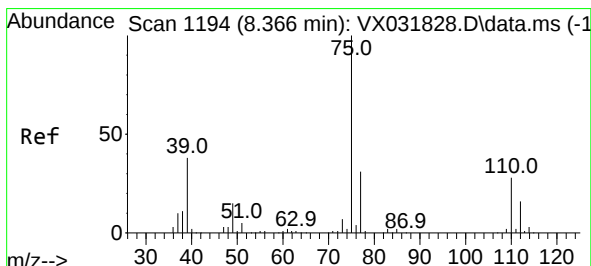
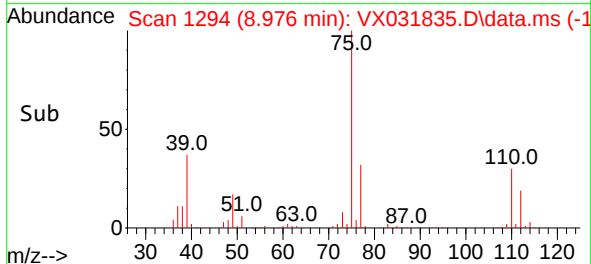
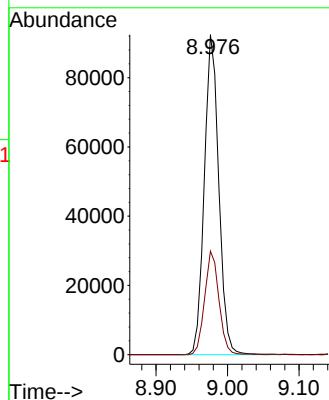
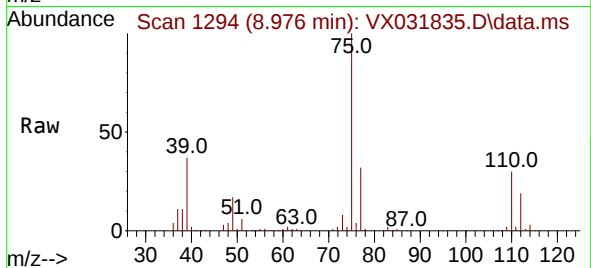
77 32.3 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#54

cis-1,3-Dichloropropene

Concen: 52.372 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

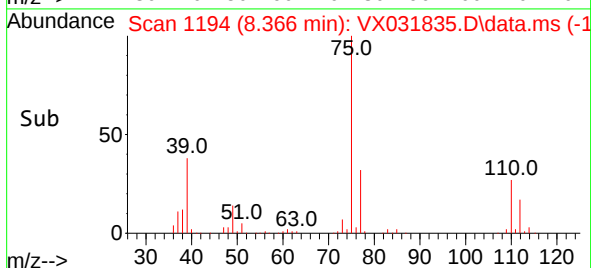
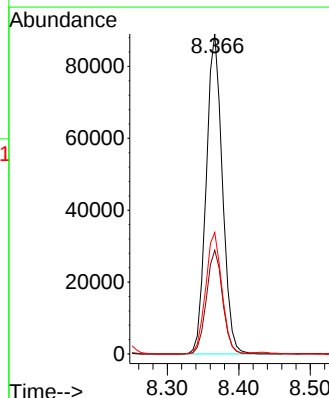
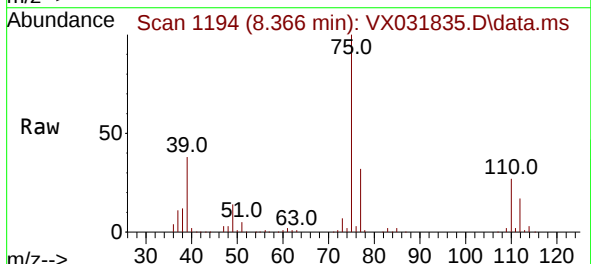
Tgt Ion: 75 Resp: 139671

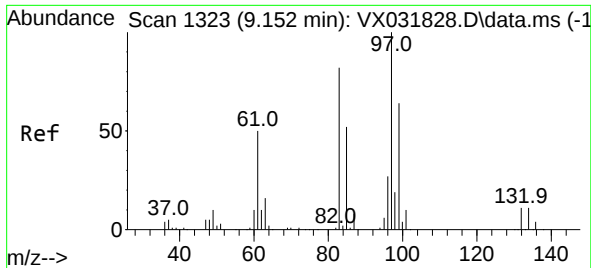
Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6

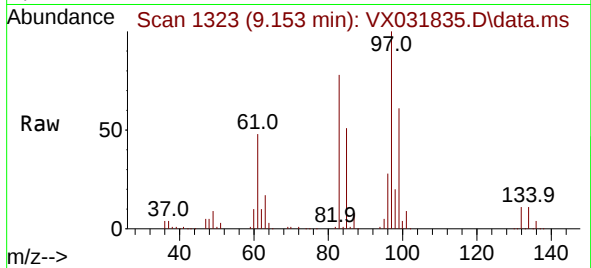
39 38.0 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 53.476 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

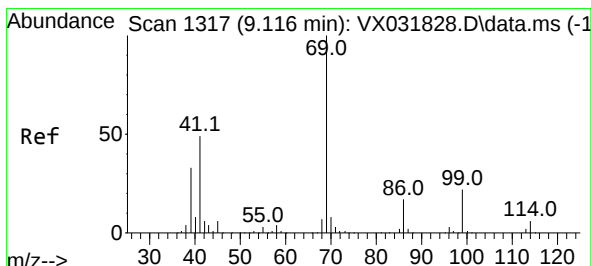
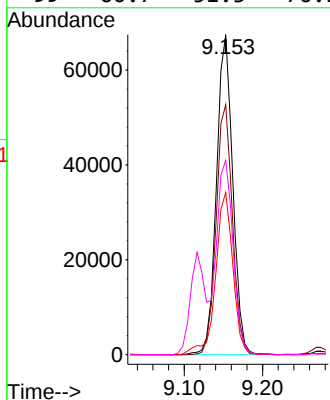
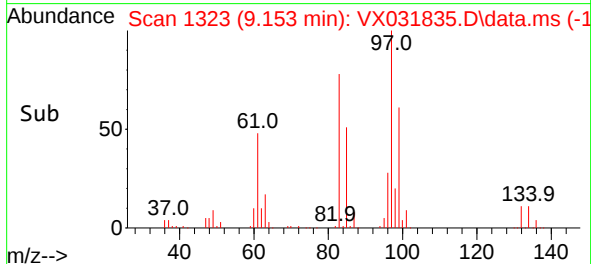


Tgt Ion: 97 Resp: 97590

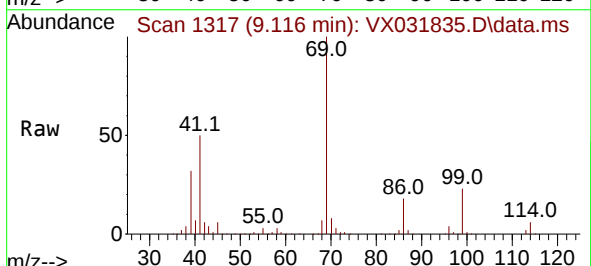
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.0	103.6
85	50.7	44.1	66.1
99	60.7	51.3	76.9

Manual Integrations
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Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

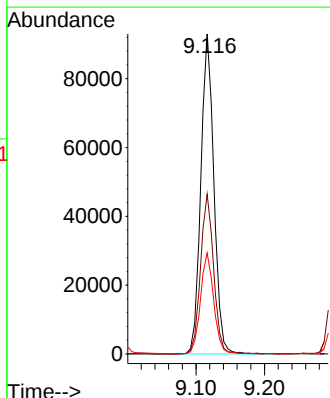
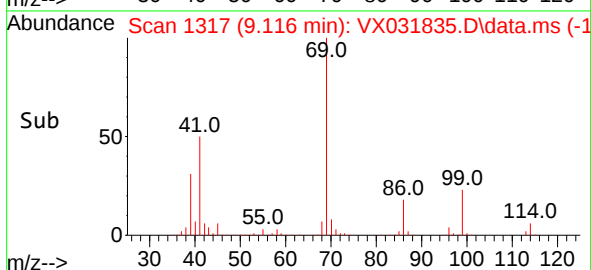


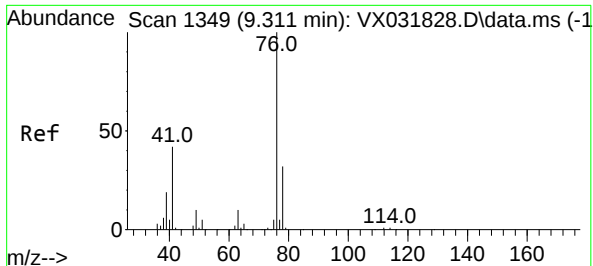
#56
Ethyl methacrylate
Concen: 58.471 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion: 69 Resp: 123379

Ion	Ratio	Lower	Upper
69	100		
41	50.1	54.2	81.4#
39	32.3	34.2	51.2#





#57

1,3-Dichloropropane

Concen: 51.897 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 147080

Ion Ratio Lower Upper

76 100

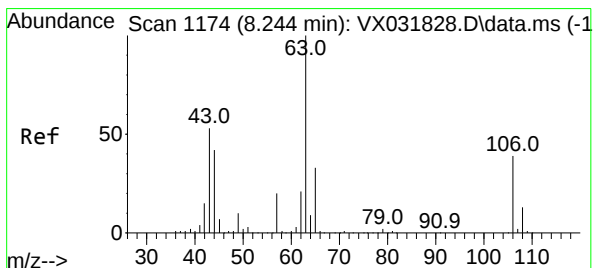
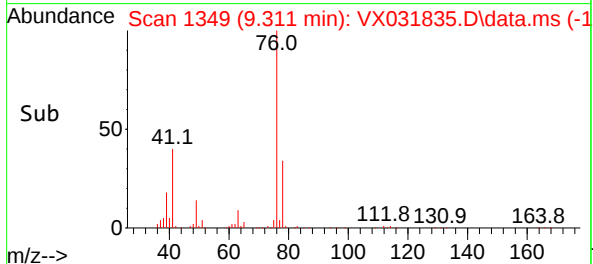
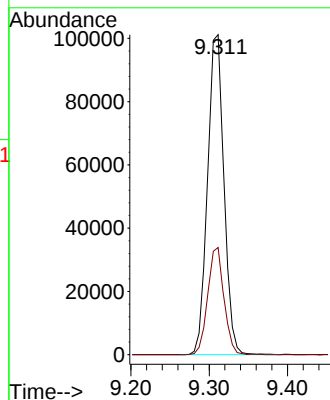
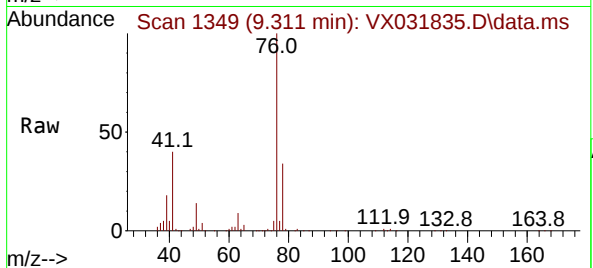
78 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#58

2-Chloroethyl Vinyl ether

Concen: 253.353 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031835.D

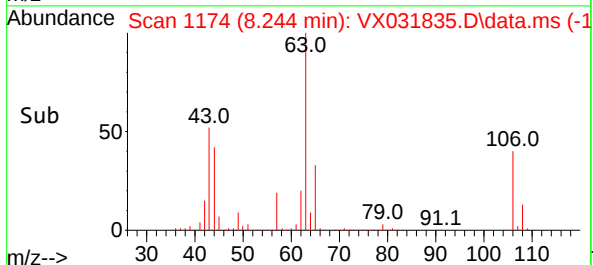
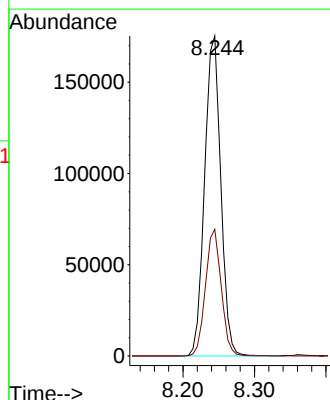
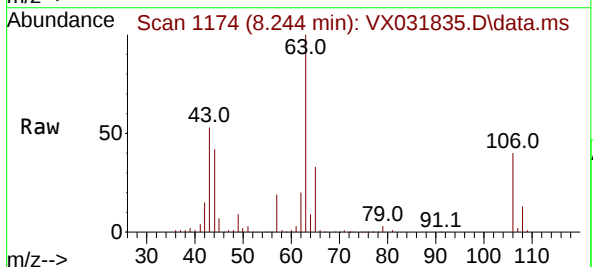
Acq: 03 Oct 2022 15:46

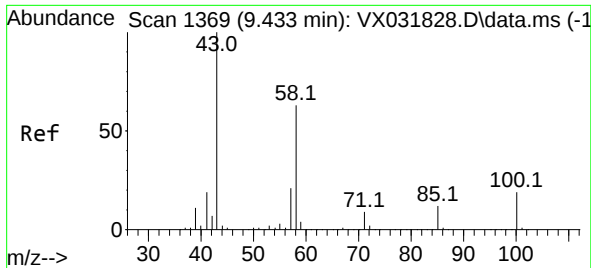
Tgt Ion: 63 Resp: 275483

Ion Ratio Lower Upper

63 100

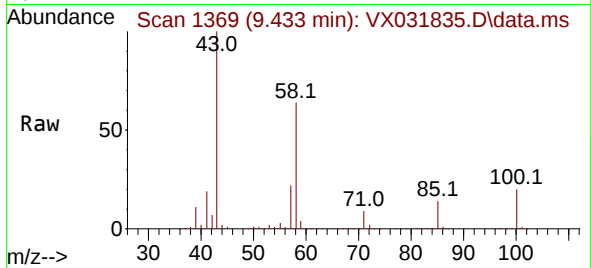
106 38.7 22.6 34.0#





#59
2-Hexanone
Concen: 268.777 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

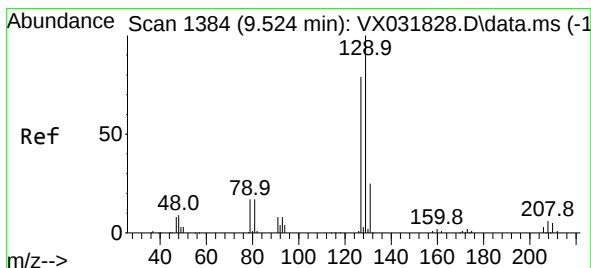
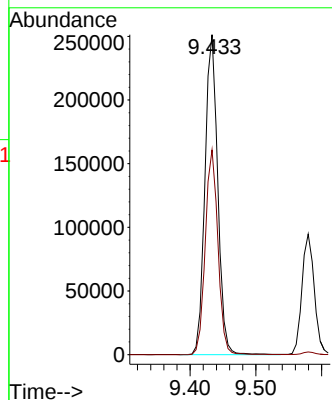
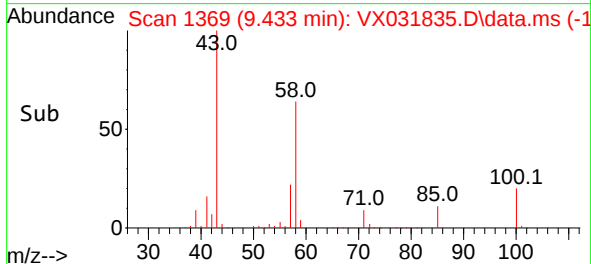
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



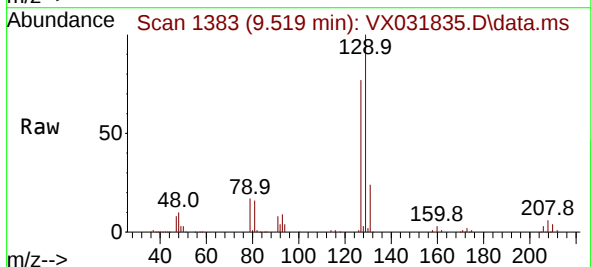
Tgt Ion: 43 Resp: 339374
Ion Ratio Lower Upper
43 100
58 63.5 26.7 80.0

Manual Integrations
APPROVED

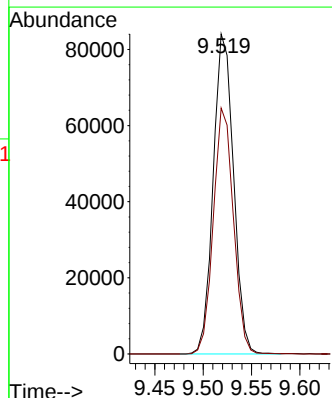
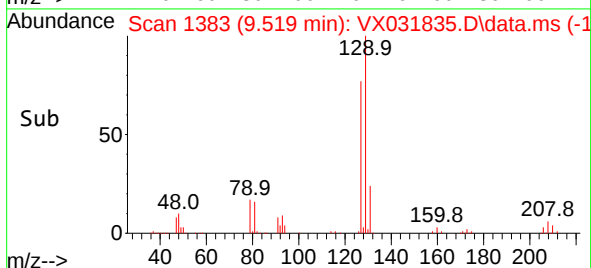
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

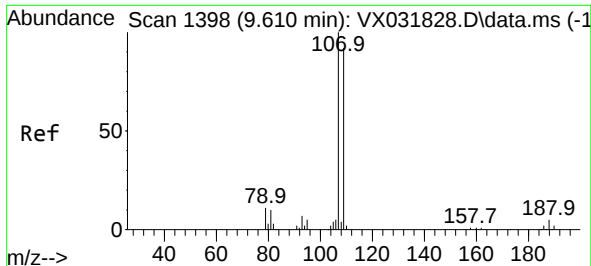


#60
Dibromochloromethane
Concen: 55.356 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion:129 Resp: 122638
Ion Ratio Lower Upper
129 100
127 76.0 38.7 116.1





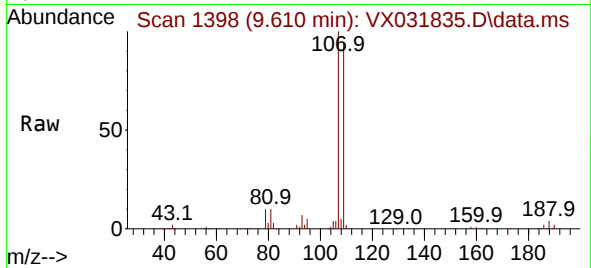
#61
1,2-Dibromoethane
Concen: 53.537 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



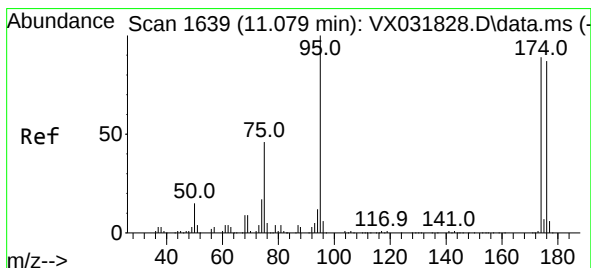
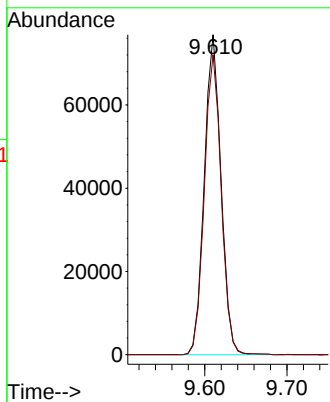
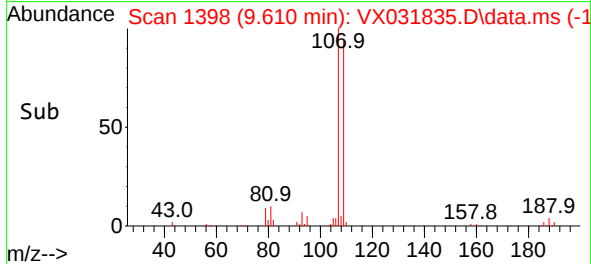
Tgt Ion:107 Resp: 108490
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4

Manual Integrations

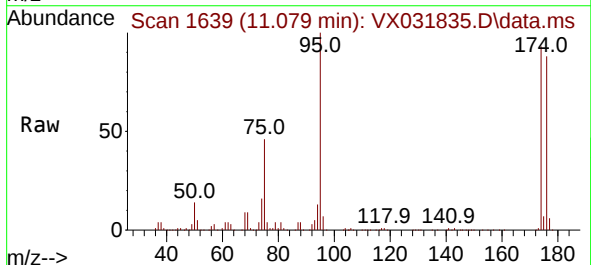
APPROVED

Reviewed By :John Carlone 10/04/2022

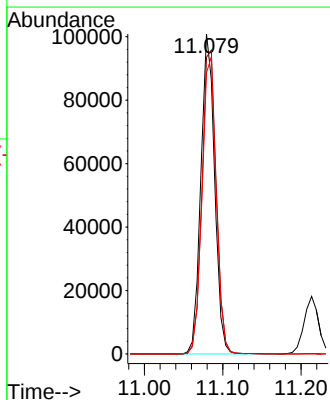
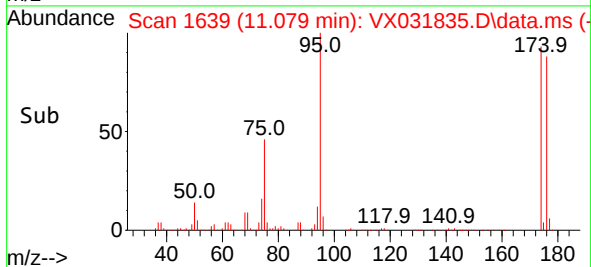
Supervised By :Mahesh Dadoda 10/06/2022

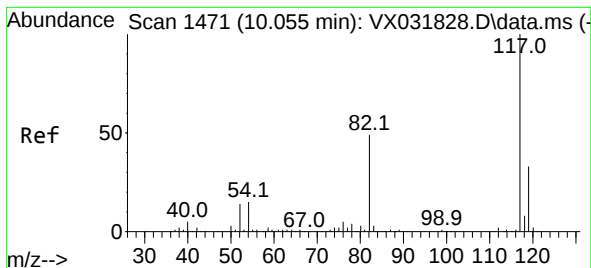


#62
4-Bromofluorobenzene
Concen: 52.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



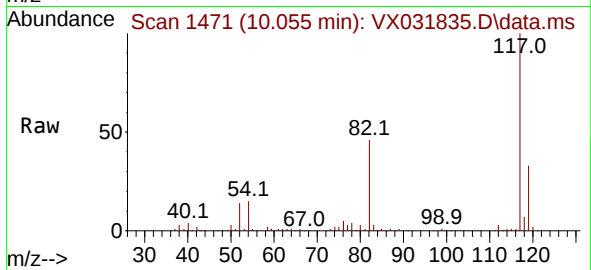
Tgt Ion: 95 Resp: 123018
Ion Ratio Lower Upper
95 100
174 99.0 0.0 153.2
176 95.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

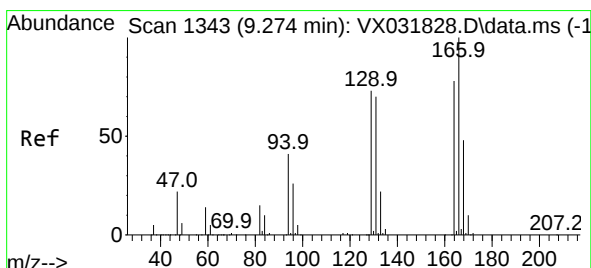
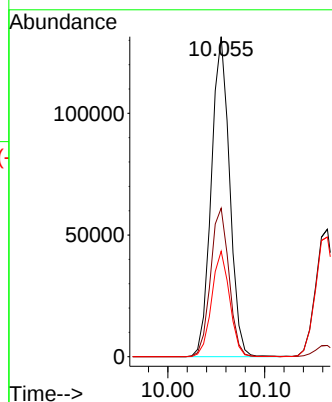
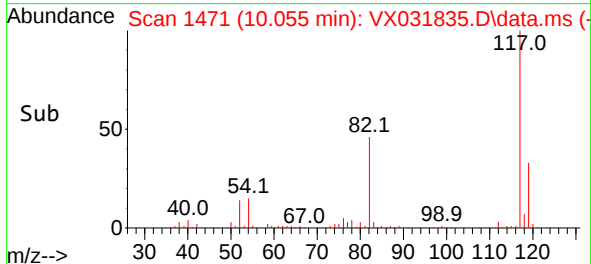
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 172518
Ion Ratio Lower Upper
117 100
82 46.4 46.8 70.2
119 33.0 26.4 39.6

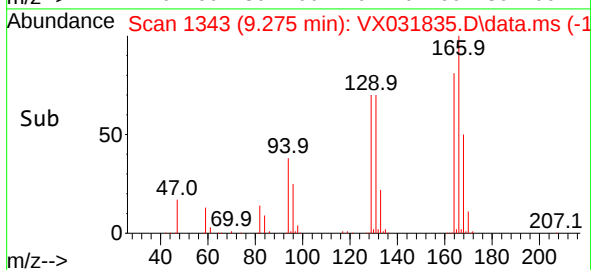
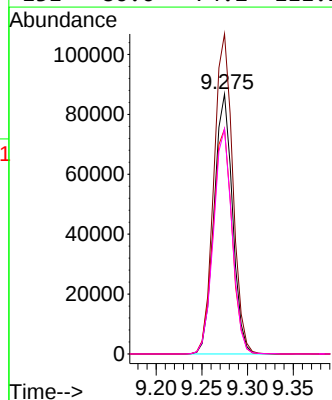
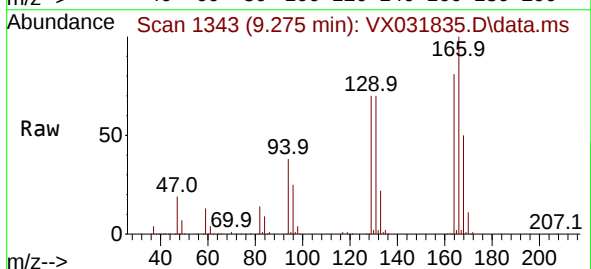
Manual Integrations
APPROVED

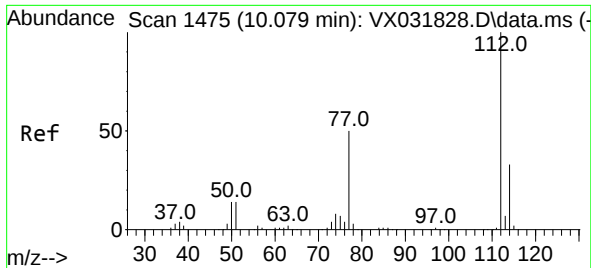
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#64
Tetrachloroethene
Concen: 56.312 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

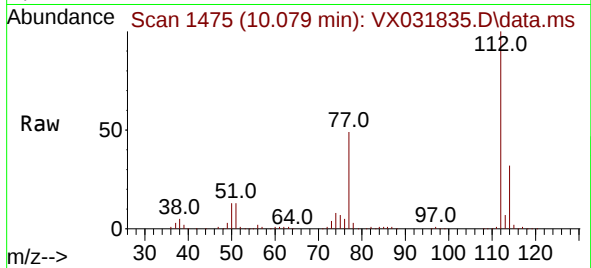
Tgt Ion:164 Resp: 121453
Ion Ratio Lower Upper
164 100
166 123.2 99.0 148.4
129 86.7 78.0 117.0
131 86.6 74.2 111.2





#65
Chlorobenzene
Concen: 53.085 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

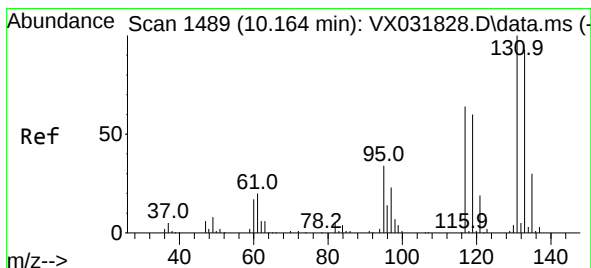
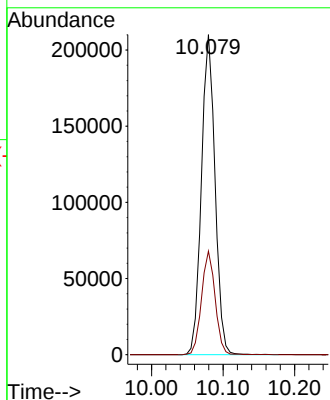
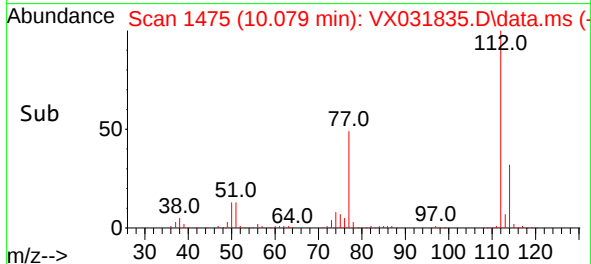
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



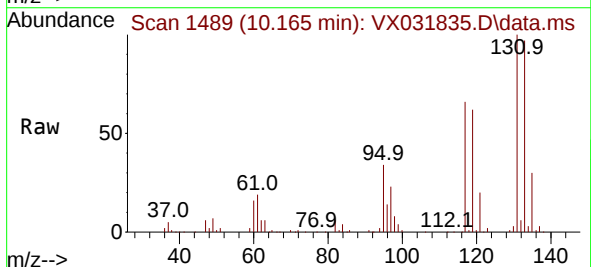
Tgt Ion:112 Resp: 277689
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

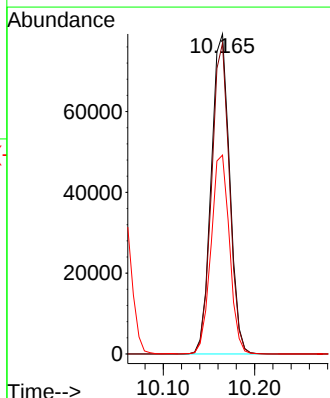
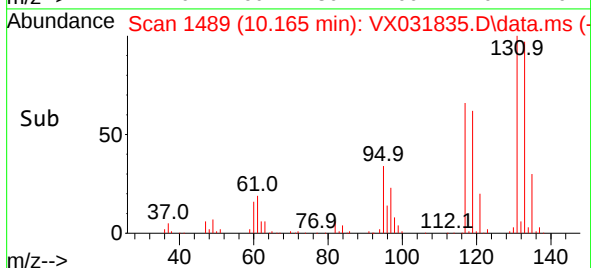
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

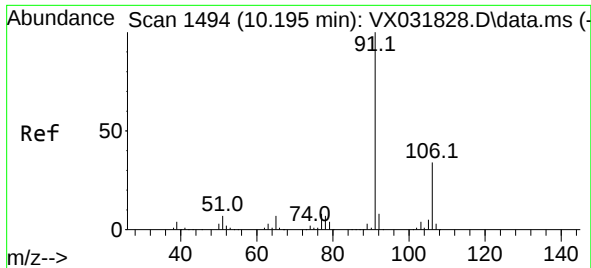


#66
1,1,1,2-Tetrachloroethane
Concen: 55.034 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



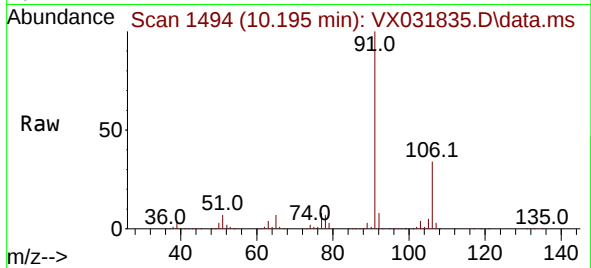
Tgt Ion:131 Resp: 110809
Ion Ratio Lower Upper
131 100
133 94.3 46.6 139.7
119 62.4 31.9 95.9





#67
Ethyl Benzene
Concen: 53.547 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

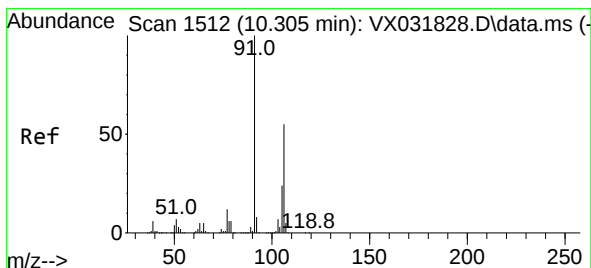
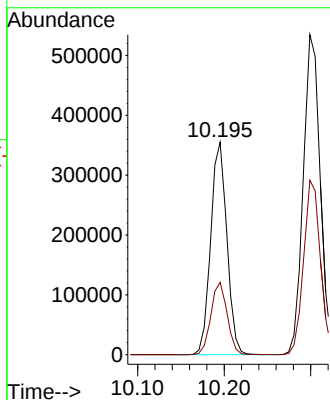
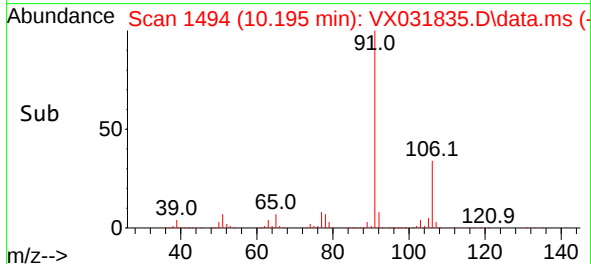
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



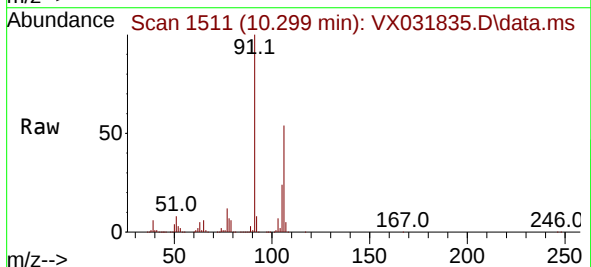
Tgt Ion: 91 Resp: 461074
Ion Ratio Lower Upper
91 100
106 34.1 25.2 37.8

Manual Integrations
APPROVED

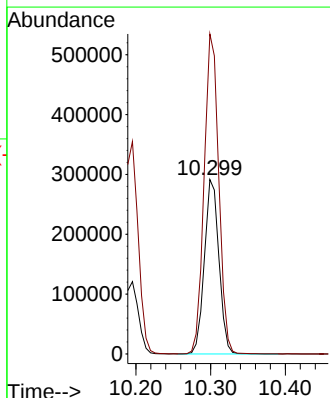
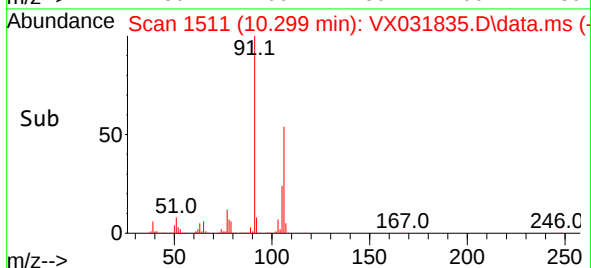
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

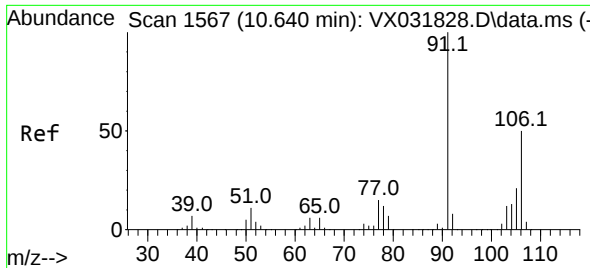


#68
m/p-Xylenes
Concen: 110.488 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion:106 Resp: 392768
Ion Ratio Lower Upper
106 100
91 184.9 161.0 241.4





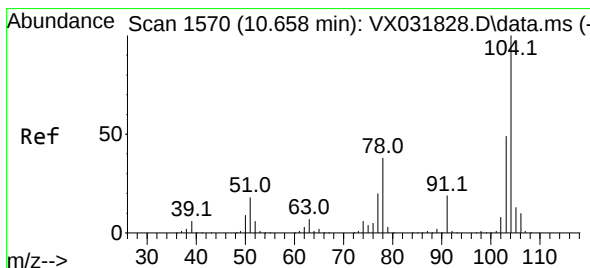
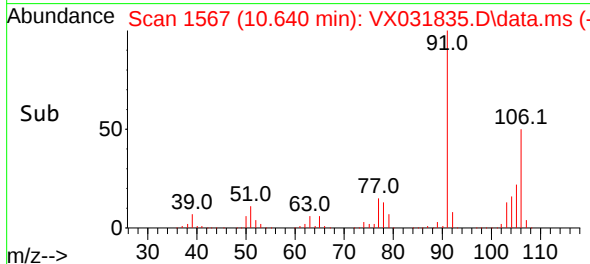
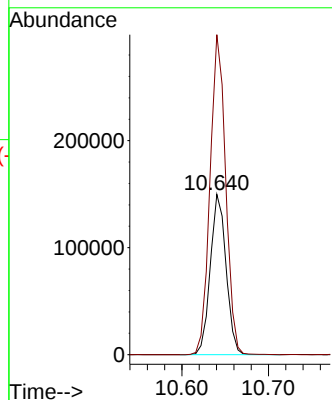
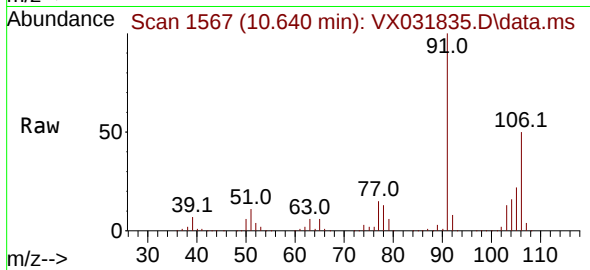
#69
o-Xylene
Concen: 55.289 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 189352
Ion Ratio Lower Upper
106 100
91 197.9 107.2 321.6

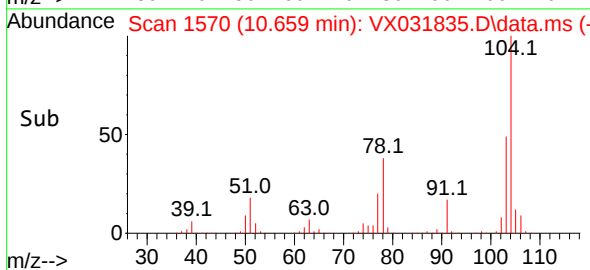
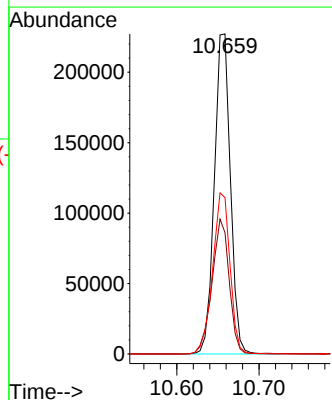
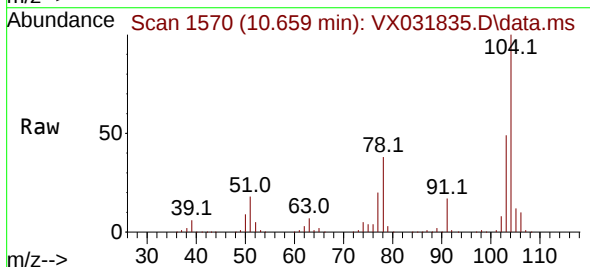
Manual Integrations
APPROVED

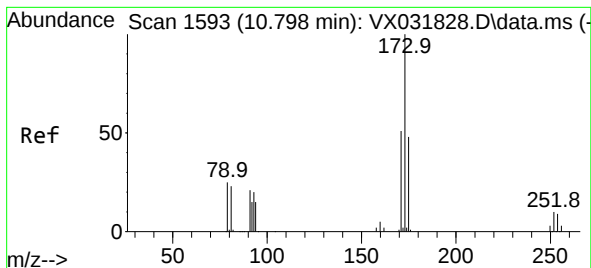
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#70
Styrene
Concen: 55.510 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion:104 Resp: 309003
Ion Ratio Lower Upper
104 100
78 45.1 41.4 62.2
103 54.2 43.8 65.8





#71

Bromoform

Concen: 56.036 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

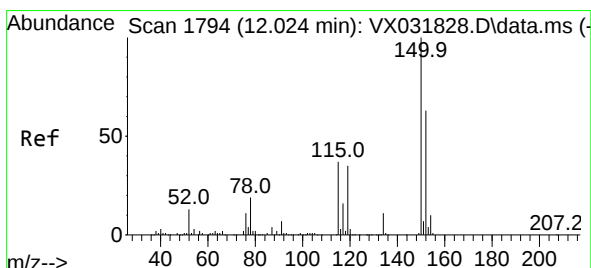
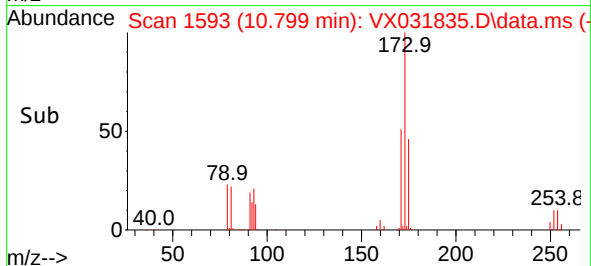
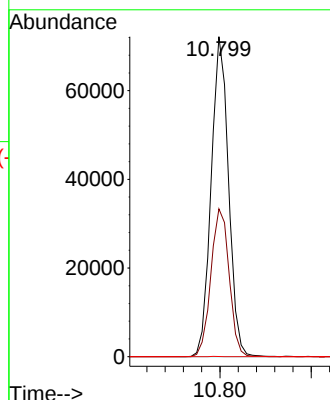
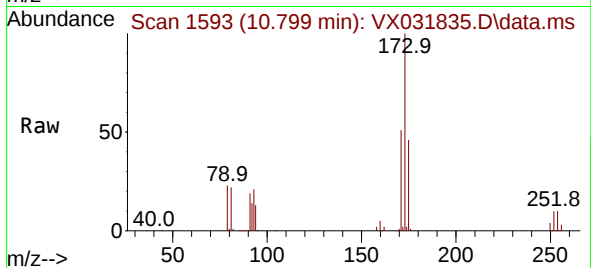
Tgt Ion:173	Resp:	94879
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.0 72.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

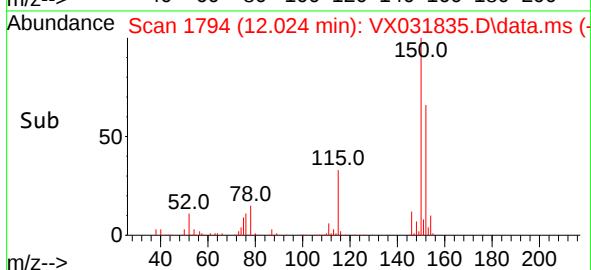
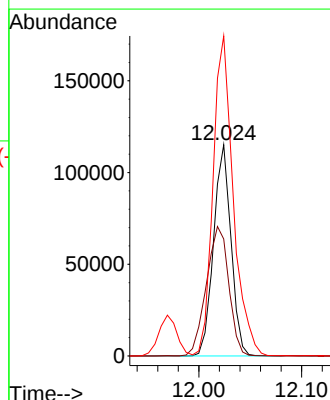
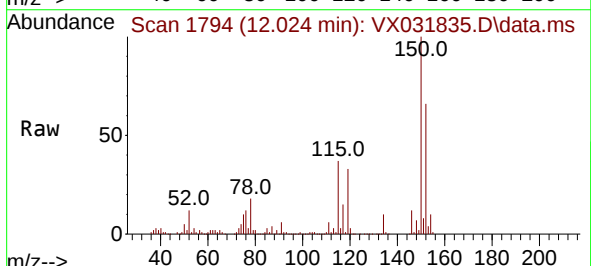
RT: 12.024 min Scan# 1794

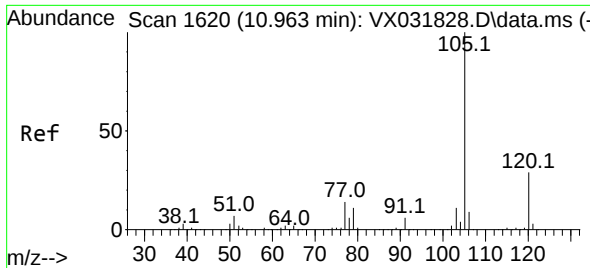
Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Tgt Ion:152	Resp:	135640
Ion Ratio	Lower	Upper
152	100	
115	79.1	43.4 130.1
150	175.5	0.0 346.8





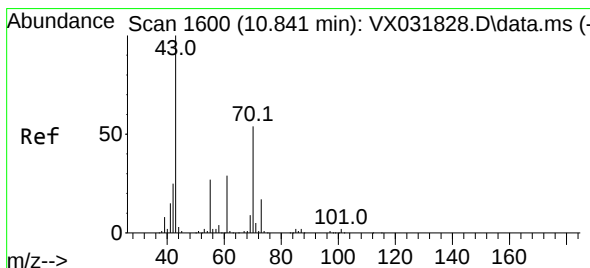
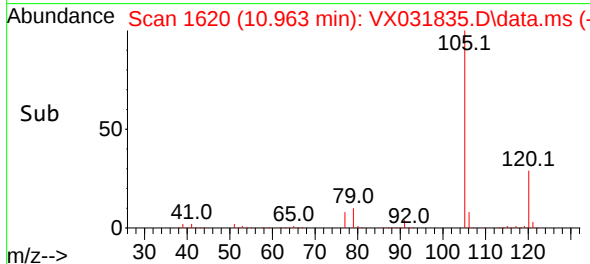
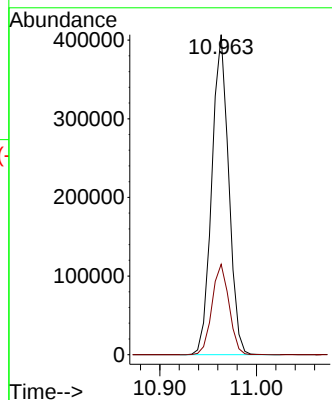
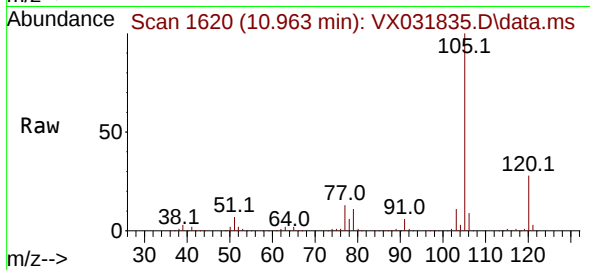
#73
Isopropylbenzene
Concen: 51.494 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 49336
Ion Ratio Lower Upper
105 100
120 28.5 13.7 41.0

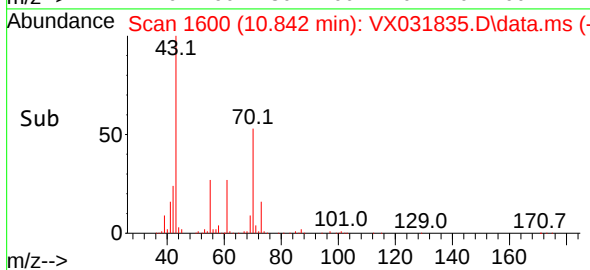
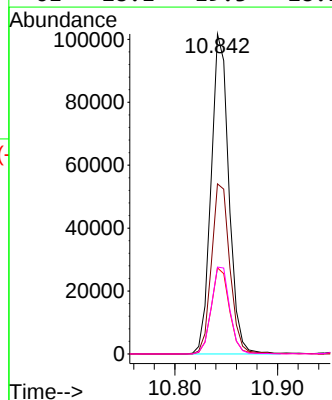
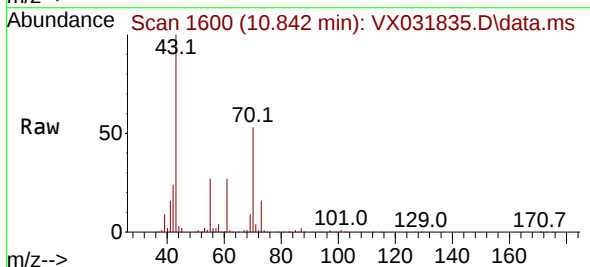
Manual Integrations
APPROVED

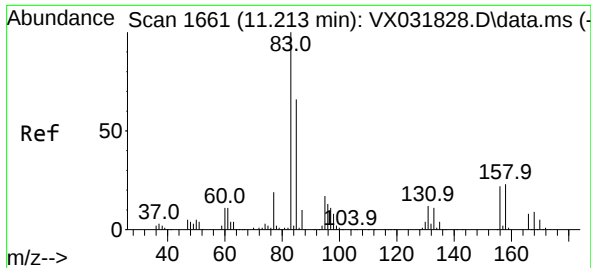
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#74
N-ethyl acetate
Concen: 54.621 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 43 Resp: 122567
Ion Ratio Lower Upper
43 100
70 55.0 33.4 50.2#
55 27.6 18.2 27.2#
61 28.1 19.3 28.9





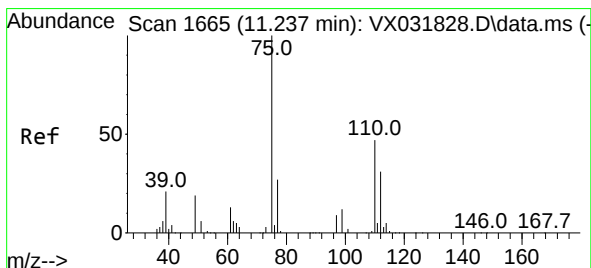
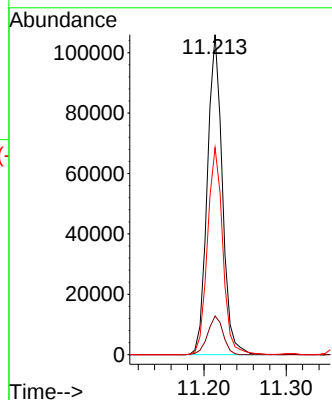
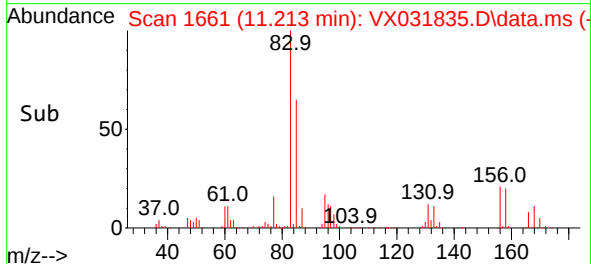
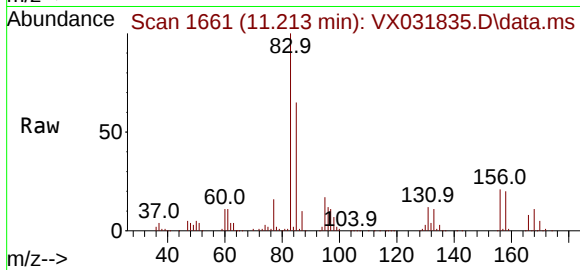
#75
1,1,2,2-Tetrachloroethane
Concen: 49.201 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 134178
Ion Ratio Lower Upper
83 100
131 12.4 5.1 15.4
85 65.8 32.6 97.8

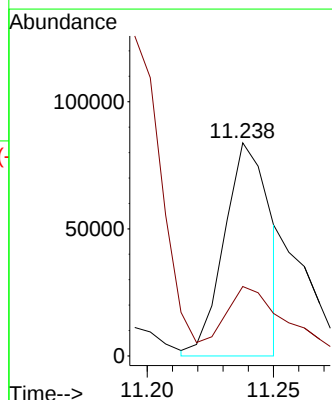
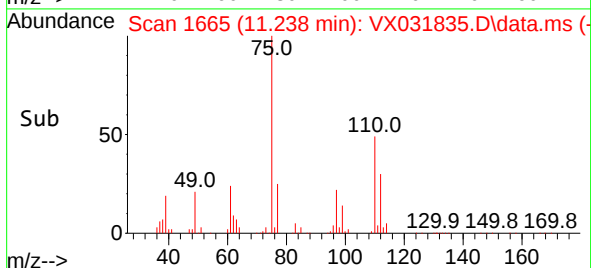
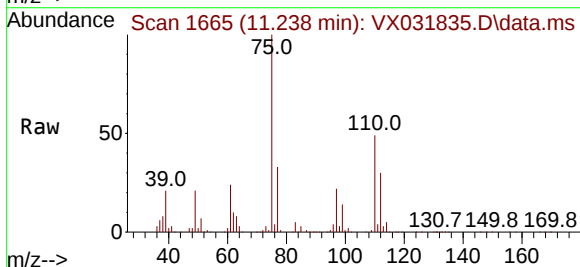
Manual Integrations
APPROVED

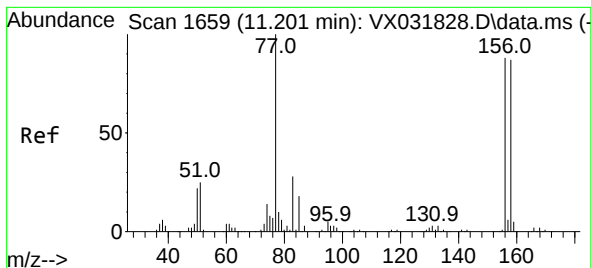
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#76
1,2,3-Trichloropropane
Concen: 42.711 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 75 Resp: 105403
Ion Ratio Lower Upper
75 100
77 44.2 20.3 60.9





#77

Bromobenzene

Concen: 54.079 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

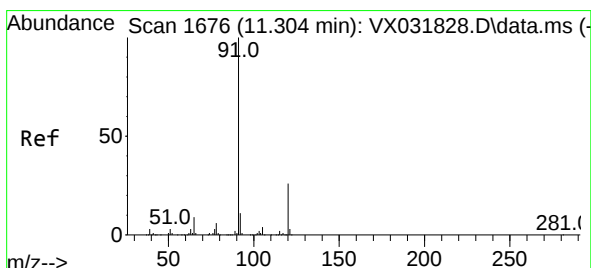
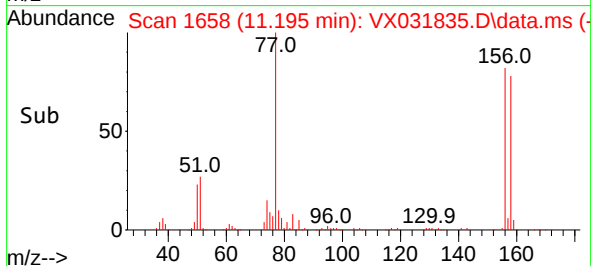
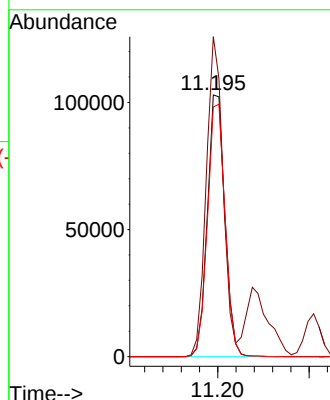
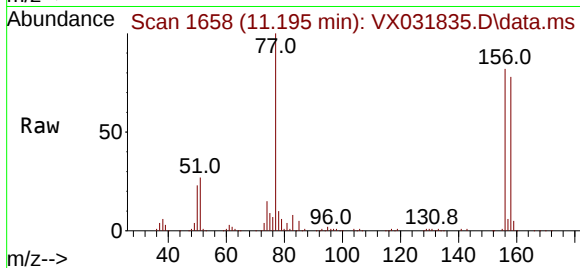
Tgt Ion:	156	Resp:	13665
Ion Ratio	Lower	Upper	
156	100		
77	116.9	79.5	238.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#78

n-propylbenzene

Concen: 51.863 ug/l

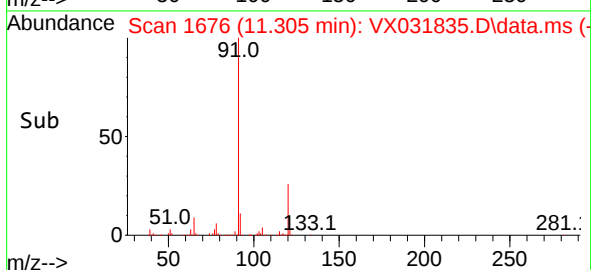
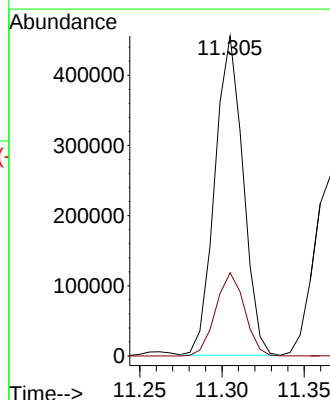
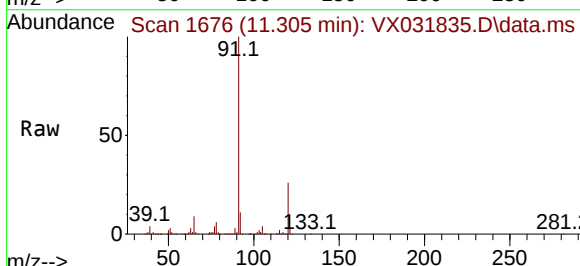
RT: 11.305 min Scan# 1676

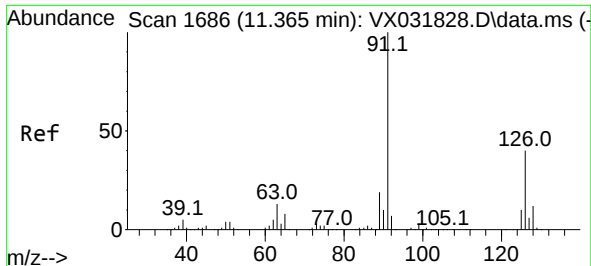
Delta R.T. -0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Tgt Ion:	91	Resp:	543105
Ion Ratio	Lower	Upper	
91	100		
120	26.6	11.8	35.4





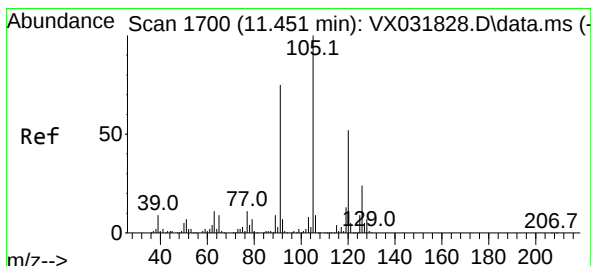
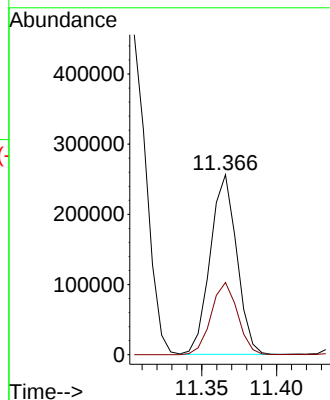
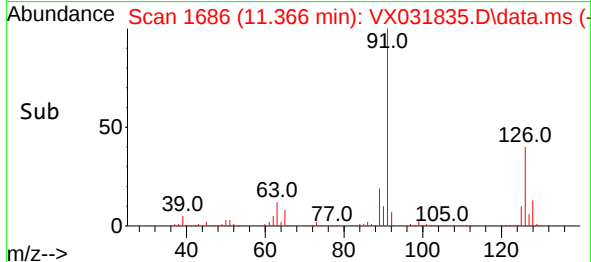
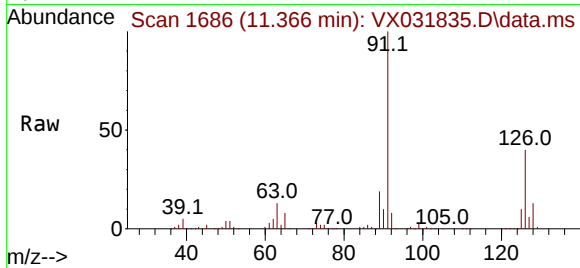
#79
2-Chlorotoluene
Concen: 49.998 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 316359
Ion Ratio Lower Upper
91 100
126 40.2 17.4 52.3

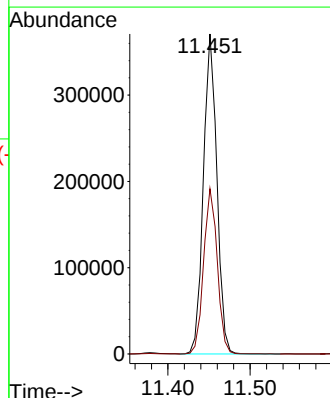
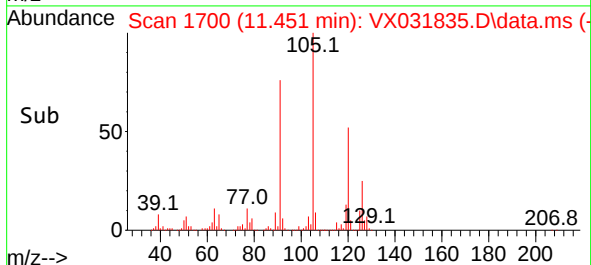
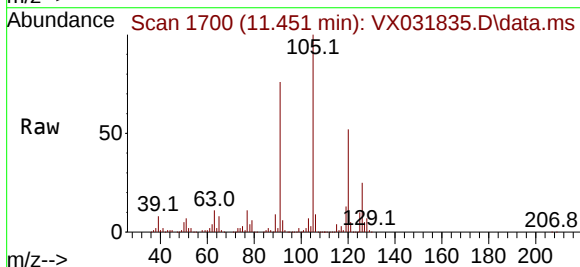
Manual Integrations
APPROVED

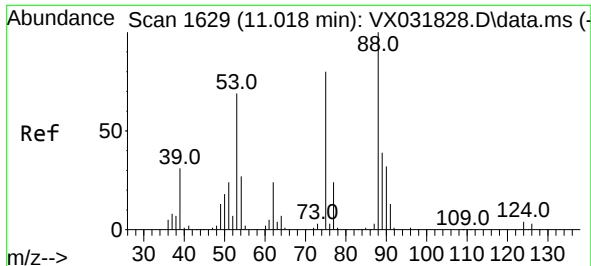
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion:105 Resp: 421031
Ion Ratio Lower Upper
105 100
120 52.6 24.5 73.5





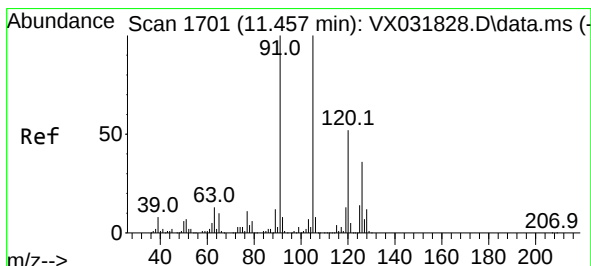
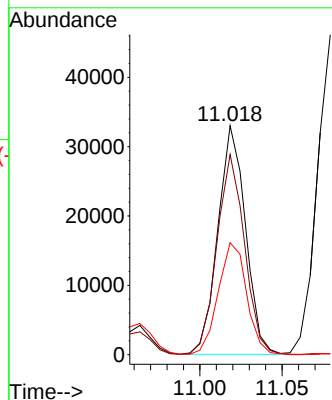
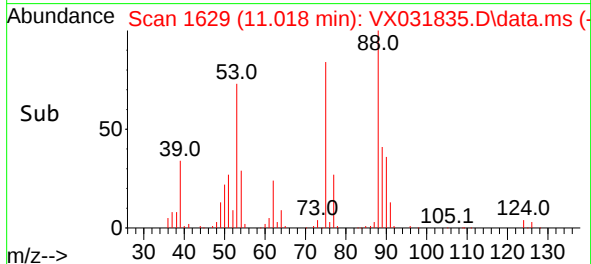
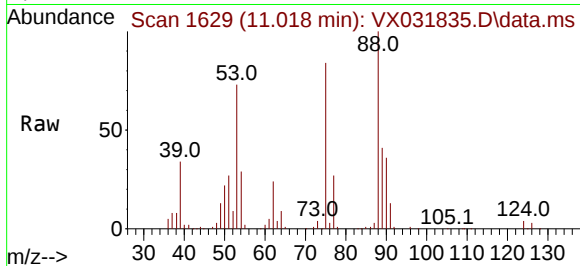
#81
trans-1,4-Dichloro-2-butene
Concen: 53.577 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 38510
Ion Ratio Lower Upper
75 100
53 87.4 77.6 116.4
89 50.5 37.4 56.0

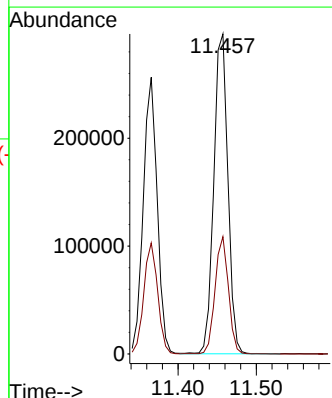
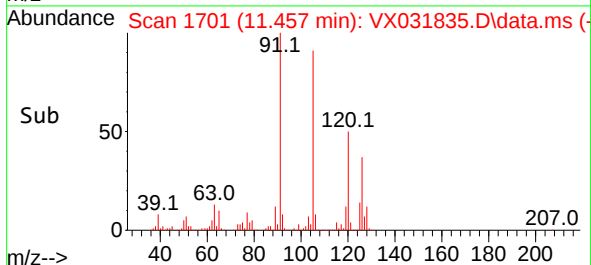
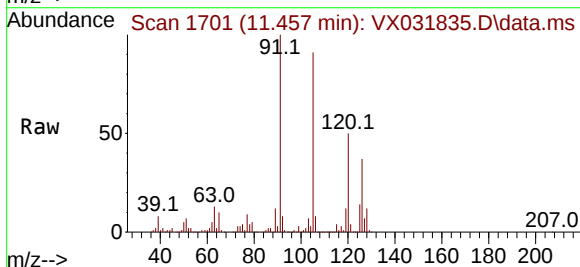
Manual Integrations
APPROVED

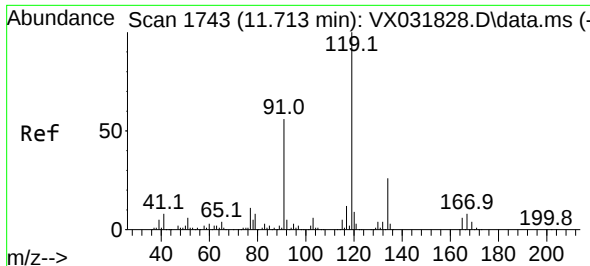
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#82
4-Chlorotoluene
Concen: 50.645 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

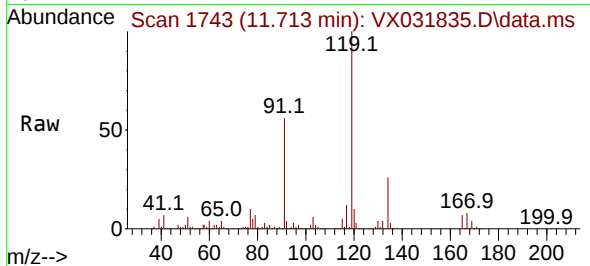
Tgt Ion: 91 Resp: 369882
Ion Ratio Lower Upper
91 100
126 35.0 15.1 45.3





#83
tert-Butylbenzene
Concen: 52.205 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

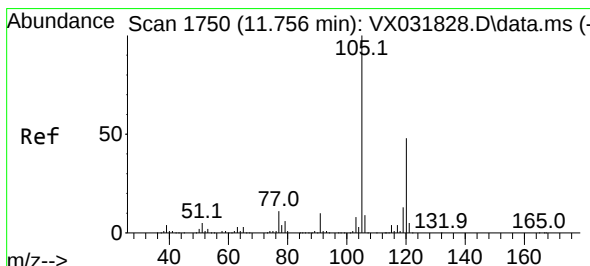
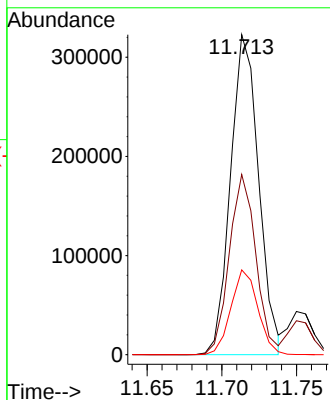
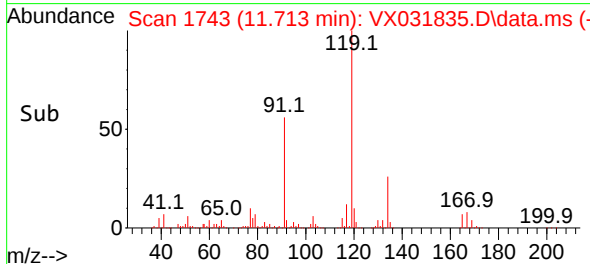
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



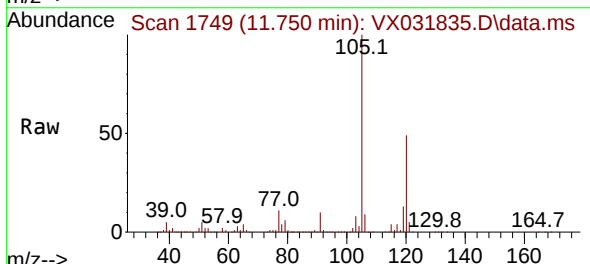
Tgt Ion:119 Resp: 422162
Ion Ratio Lower Upper
119 100
91 53.4 29.2 87.6
134 25.4 11.6 34.8

Manual Integrations
APPROVED

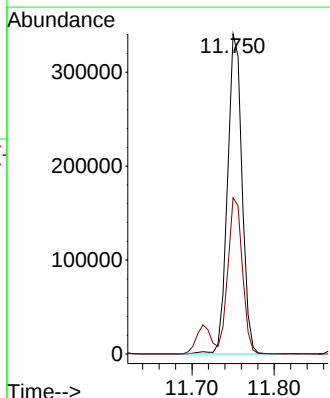
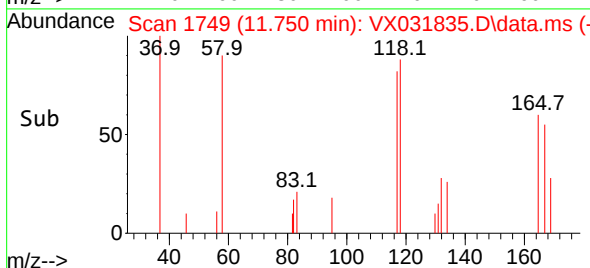
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022

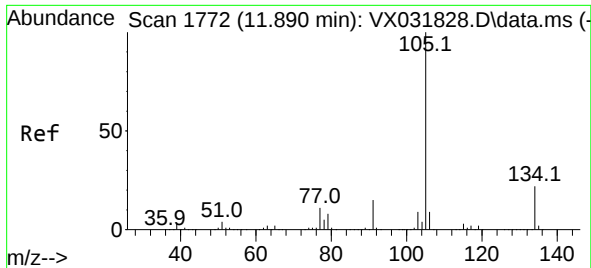


#84
1,2,4-Trimethylbenzene
Concen: 52.424 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



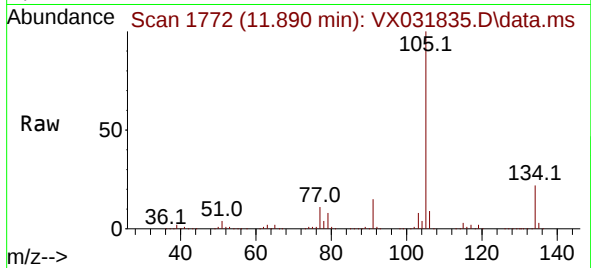
Tgt Ion:105 Resp: 417432
Ion Ratio Lower Upper
105 100
120 48.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 53.097 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031835.D
 Acq: 03 Oct 2022 15:46

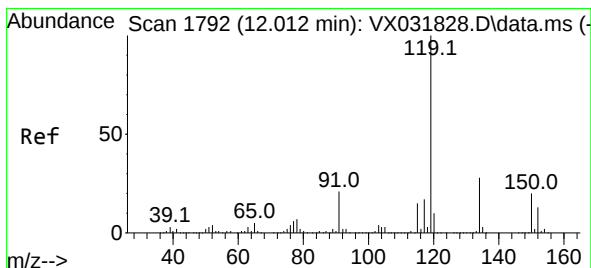
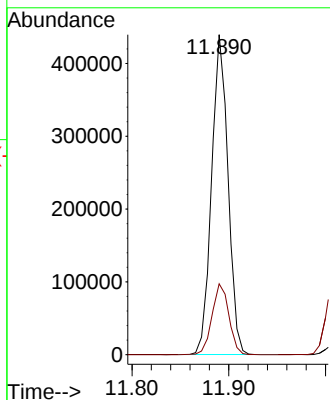
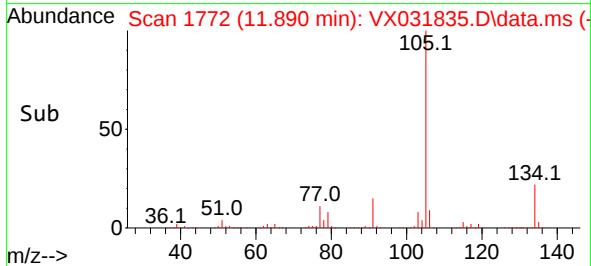
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



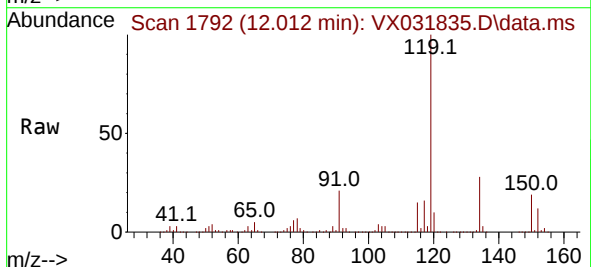
Tgt Ion:105 Resp: 51689
 Ion Ratio Lower Upper
 105 100
 134 22.8 10.4 31.1

Manual Integrations
 APPROVED

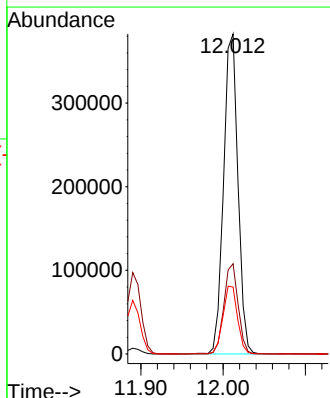
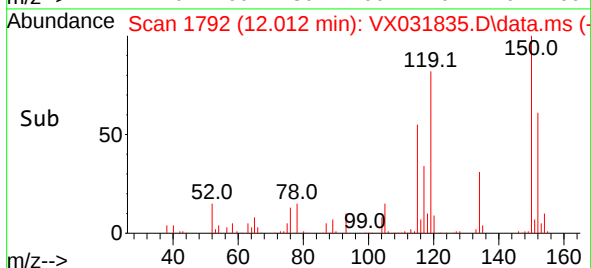
Reviewed By :John Carlone 10/04/2022
 Supervised By :Mahesh Dadoda 10/06/2022



#86
 p-Isopropyltoluene
 Concen: 54.750 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031835.D
 Acq: 03 Oct 2022 15:46



Tgt Ion:119 Resp: 465144
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.2
 91 21.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.849 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031835.D

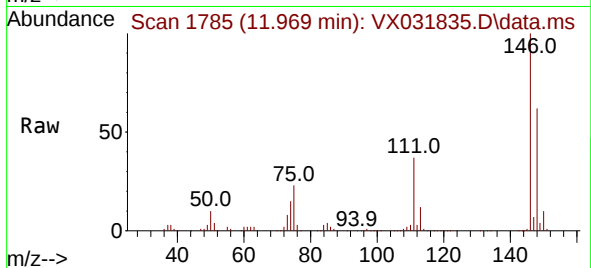
Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 26152

Ion Ratio Lower Upper

146 100

111 36.6 19.8 59.4

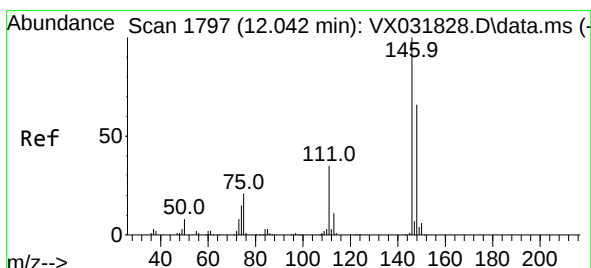
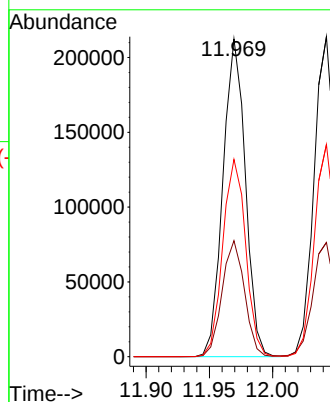
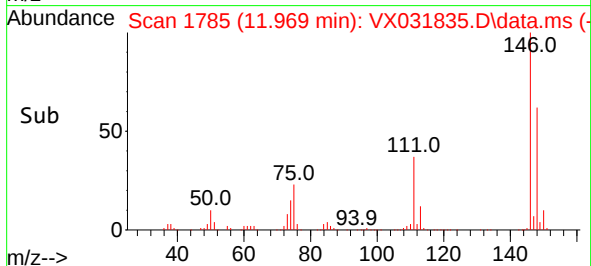
148 63.5 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#88

1,4-Dichlorobenzene

Concen: 52.270 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

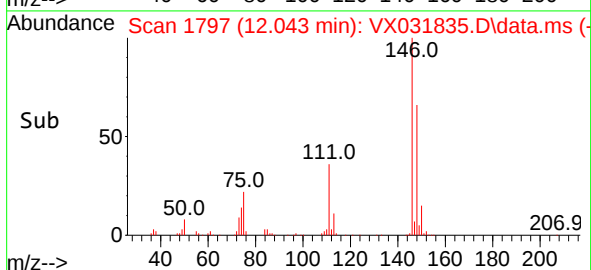
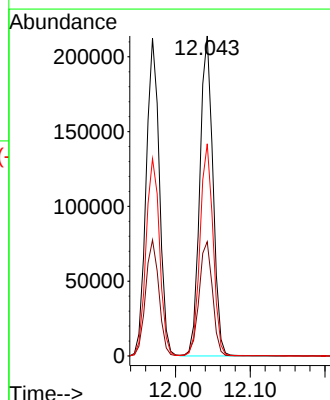
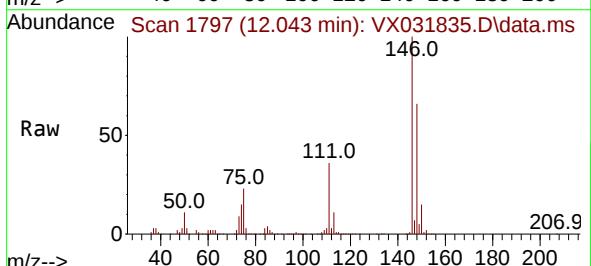
Tgt Ion:146 Resp: 260305

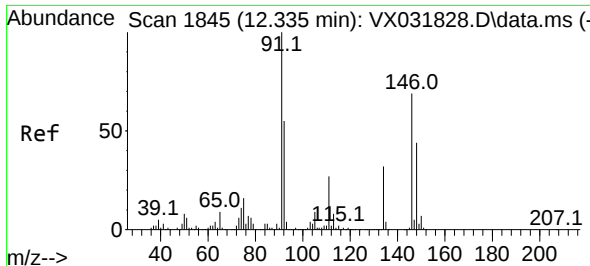
Ion Ratio Lower Upper

146 100

111 36.5 20.5 61.5

148 65.4 32.0 96.2





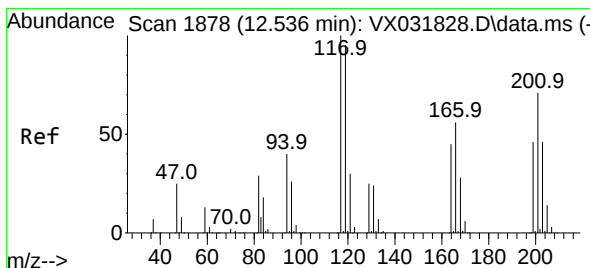
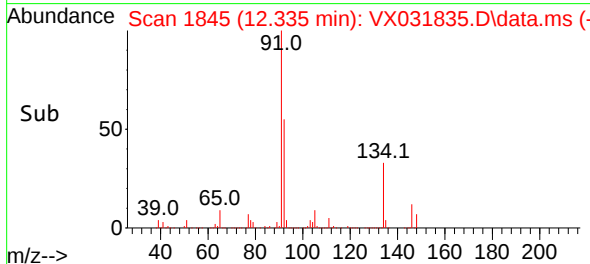
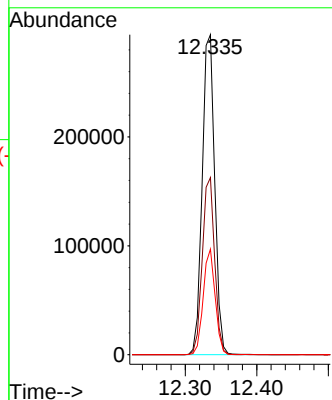
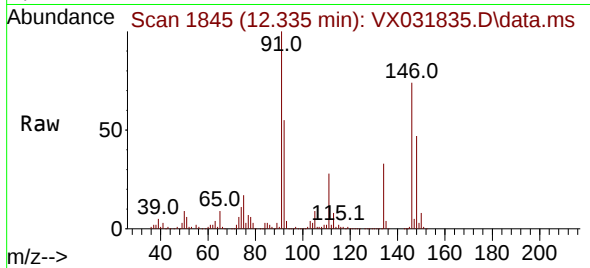
#89
n-Butylbenzene
Concen: 53.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 356768
Ion Ratio Lower Upper
91 100
92 54.7 27.0 81.0
134 31.5 13.3 39.9

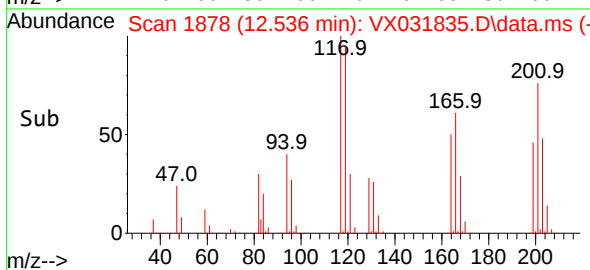
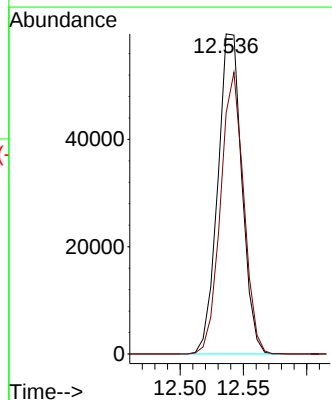
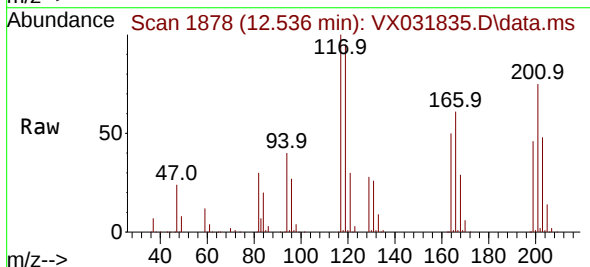
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#90
Hexachloroethane
Concen: 51.487 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

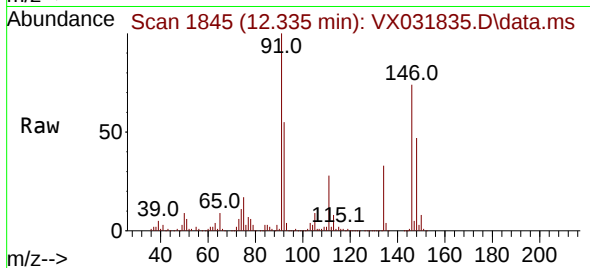
Tgt Ion:117 Resp: 78910
Ion Ratio Lower Upper
117 100
201 84.4 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 53.771 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

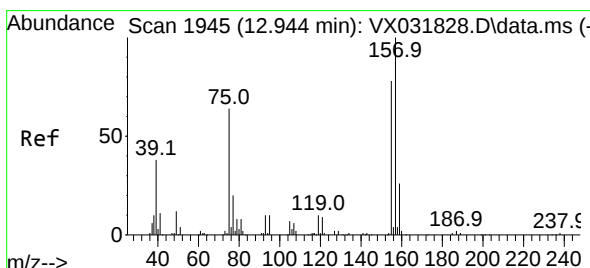
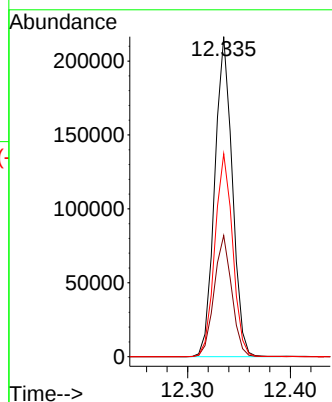
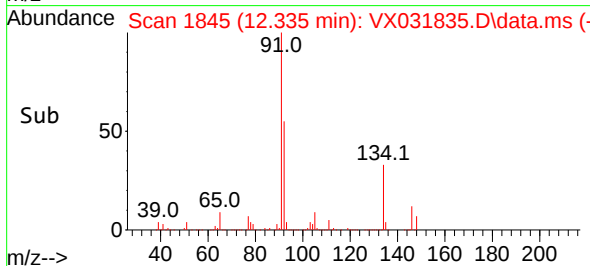
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 256760
Ion Ratio Lower Upper
146 100
111 37.8 20.6 61.8
148 64.1 31.6 95.0

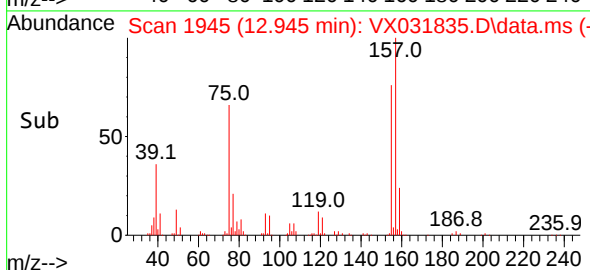
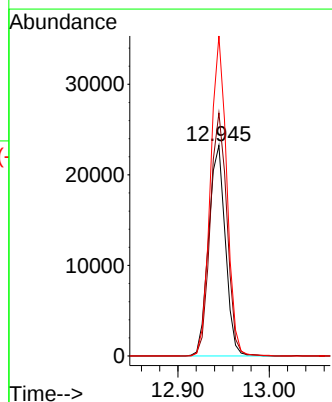
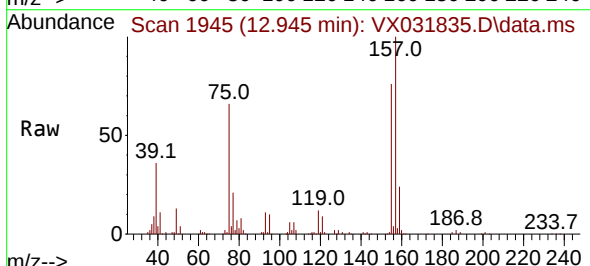
Manual Integrations
APPROVED

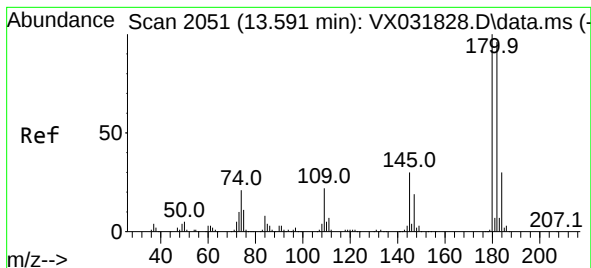
Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.487 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

Tgt Ion: 75 Resp: 29527
Ion Ratio Lower Upper
75 100
155 115.0 40.3 120.8
157 147.0 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 59.493 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 17387

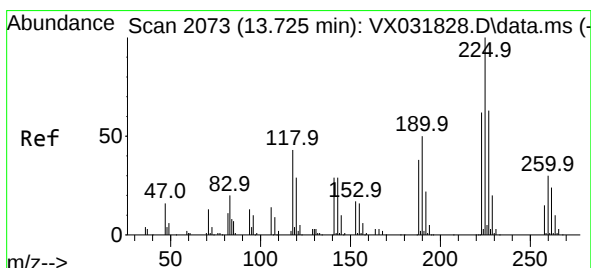
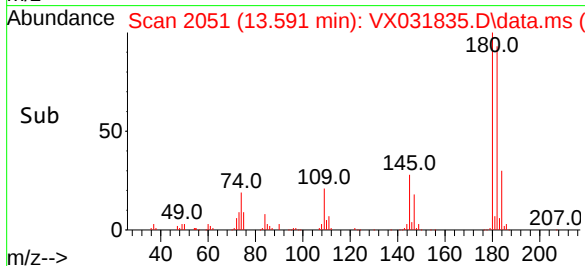
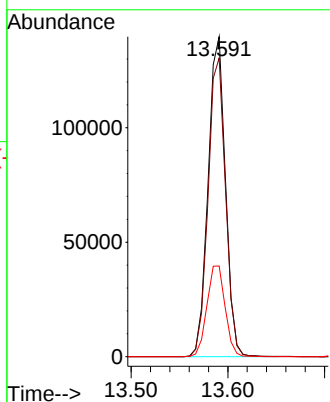
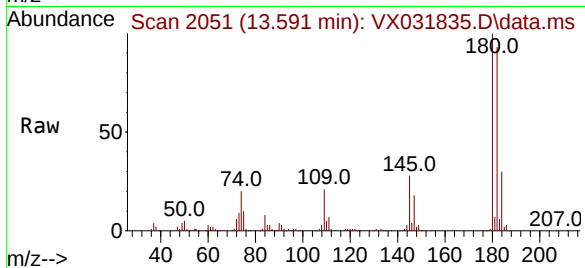
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.9	140.6
145	29.9	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2022

Supervised By :Mahesh Dadoda 10/06/2022



#94

Hexachlorobutadiene

Concen: 58.427 ug/l

RT: 13.725 min Scan# 2073

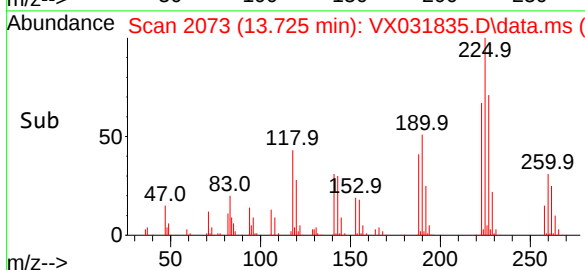
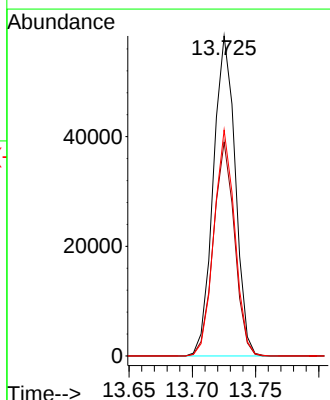
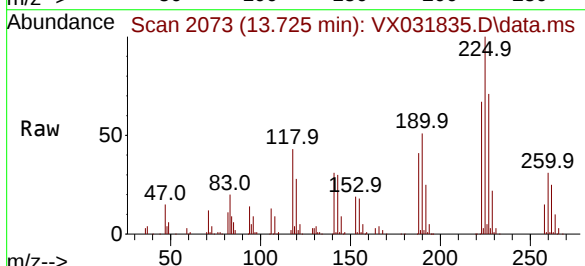
Delta R.T. 0.000 min

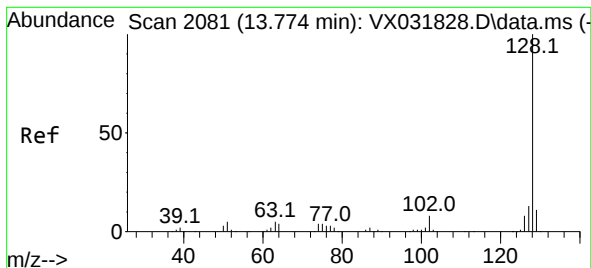
Lab File: VX031835.D

Acq: 03 Oct 2022 15:46

Tgt Ion:225 Resp: 70263

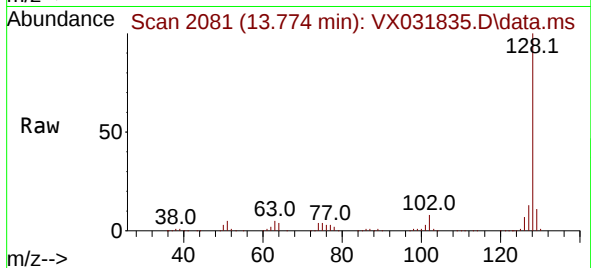
Ion	Ratio	Lower	Upper
225	100		
223	64.0	30.8	92.4
227	66.9	32.3	96.9





#95
Naphthalene
Concen: 57.527 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46

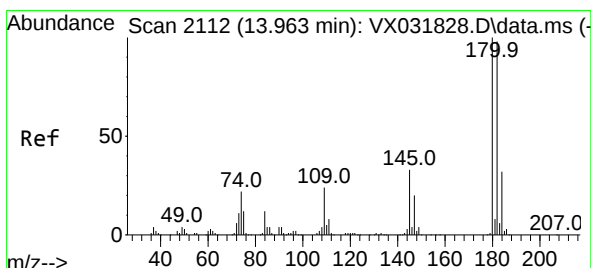
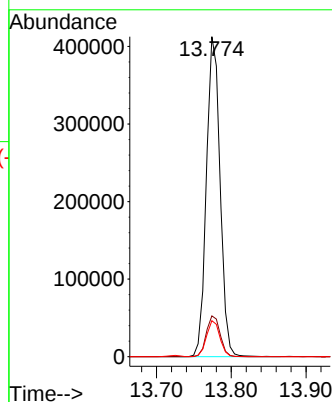
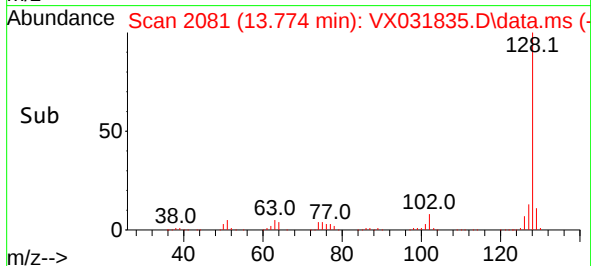
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



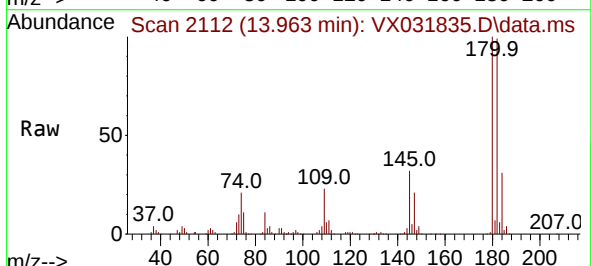
Tgt Ion:128 Resp: 52369
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/04/2022
Supervised By :Mahesh Dadoda 10/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 59.125 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031835.D
Acq: 03 Oct 2022 15:46



Tgt Ion:180 Resp: 167560
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 32.1 17.6 52.8

