

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031297.D
 Acq On : 13 Sep 2022 18:16
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 14 05:34:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	41788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	64877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	18737	21.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.240%#		
35) Dibromofluoromethane	5.385	113	16536	21.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.940%#		
50) Toluene-d8	8.653	98	59464	21.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	43.980%#		
62) 4-Bromofluorobenzene	11.085	95	19068	20.135	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	8689	20.185	ug/l	93
3) Chloromethane	1.288	50	23611	18.768	ug/l	99
4) Vinyl Chloride	1.367	62	27273	19.798	ug/l	99
5) Bromomethane	1.611	94	54662	16.568	ug/l	99
6) Chloroethane	1.684	64	71683	26.161	ug/l	99
7) Trichlorofluoromethane	1.886	101	57442	20.514	ug/l	99
8) Diethyl Ether	2.135	74	25102	21.140	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	13186	19.690	ug/l	96
10) Methyl Iodide	2.452	142	13748	18.352	ug/l	98
11) Tert butyl alcohol	3.001	59	31288m	101.180	ug/l	
12) 1,1-Dichloroethene	2.318	96	11816	17.652	ug/l	98
13) Acrolein	2.239	56	25153	98.453	ug/l	98
14) Allyl chloride	2.666	41	26551	19.521	ug/l	96
15) Acrylonitrile	3.074	53	58670	100.038	ug/l	98
16) Acetone	2.398	43	47001	97.885	ug/l	94
17) Carbon Disulfide	2.507	76	24129	17.214	ug/l #	94
18) Methyl Acetate	2.715	43	30111	20.063	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	54884	19.630	ug/l	95
20) Methylene Chloride	2.794	84	15172	18.480	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	14885	19.534	ug/l	97
22) Diisopropyl ether	3.763	45	63199	20.052	ug/l	92
23) Vinyl Acetate	3.727	43	272074	97.569	ug/l	99
24) 1,1-Dichloroethane	3.611	63	29187	19.604	ug/l	98
25) 2-Butanone	4.574	43	87903	103.368	ug/l	99
26) 2,2-Dichloropropane	4.477	77	25454	20.276	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	18269	20.642	ug/l	99
28) Bromochloromethane	4.903	49	15607	21.260	ug/l	95
29) Tetrahydrofuran	5.019	42	55944	100.344	ug/l	100
30) Chloroform	5.104	83	31019	20.400	ug/l	100
31) Cyclohexane	5.470	56	23603	19.301	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	25937	19.598	ug/l	99
36) 1,1-Dichloropropene	5.690	75	20066	18.939	ug/l	98
37) Ethyl Acetate	4.720	43	35975	21.262	ug/l	99
38) Carbon Tetrachloride	5.678	117	22242	19.543	ug/l	93
39) Methylcyclohexane	7.378	83	22649	18.799	ug/l	98
40) Benzene	6.037	78	63270	19.574	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17623	20.563	ug/l	99
42) 1,2-Dichloroethane	6.092	62	22937	19.485	ug/l	100
43) Isopropyl Acetate	6.348	43	54112	20.115	ug/l	99
44) Trichloroethene	7.135	130	16645	19.432	ug/l	99
45) 1,2-Dichloropropane	7.433	63	17908	20.010	ug/l	94
46) Dibromomethane	7.580	93	11933	19.428	ug/l	99
47) Bromodichloromethane	7.823	83	26330	20.721	ug/l	97
48) Methyl methacrylate	7.695	41	22587	19.692	ug/l	96
49) 1,4-Dioxane	7.695	88	10855	411.870	ug/l	99
51) 4-Methyl-2-Pentanone	8.579	43	187690	101.891	ug/l	100
52) Toluene	8.720	92	40951	19.839	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	28889	19.582	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	30190	20.204	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	18622	20.184	ug/l	96
56) Ethyl methacrylate	9.116	69	30352	20.295	ug/l	99
57) 1,3-Dichloropropane	9.311	76	30602	20.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	72729	99.087	ug/l	100
59) 2-Hexanone	9.433	43	144377	102.430	ug/l	100
60) Dibromochloromethane	9.524	129	19826	19.962	ug/l	99
61) 1,2-Dibromoethane	9.616	107	18225	19.641	ug/l	99
64) Tetrachloroethene	9.274	164	15853	19.691	ug/l	96
65) Chlorobenzene	10.079	112	45275	20.284	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	18374	20.881	ug/l	96
67) Ethyl Benzene	10.195	91	78196	19.650	ug/l	97
68) m/p-Xylenes	10.305	106	63291	39.356	ug/l	99
69) o-Xylene	10.646	106	31293	19.877	ug/l	98
70) Styrene	10.658	104	52221	19.753	ug/l	98
71) Bromoform	10.799	173	15662	20.257	ug/l #	98
73) Isopropylbenzene	10.963	105	80300	19.719	ug/l	98
74) N-amyl acetate	10.847	43	45411	19.444	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	31468	20.246	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	27698m	20.172	ug/l	
77) Bromobenzene	11.201	156	18916	18.871	ug/l	94
78) n-propylbenzene	11.305	91	92399	19.494	ug/l	98
79) 2-Chlorotoluene	11.366	91	51907	19.237	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	66805	19.493	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	10835	18.795	ug/l	93
82) 4-Chlorotoluene	11.457	91	61793	19.693	ug/l	97
83) tert-Butylbenzene	11.719	119	70978	20.038	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	66953	19.862	ug/l	100
85) sec-Butylbenzene	11.890	105	86679	19.850	ug/l	100
86) p-Isopropyltoluene	12.012	119	71121	19.432	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	36878	19.350	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39077	19.860	ug/l	98
89) n-Butylbenzene	12.335	91	63876	19.707	ug/l	100
90) Hexachloroethane	12.542	117	14682	19.824	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	38399	19.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6919	19.083	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	20087	18.326	ug/l	94
94) Hexachlorobutadiene	13.725	225	8471	19.767	ug/l	98
95) Naphthalene	13.780	128	82607	19.525	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22055	19.142	ug/l	94

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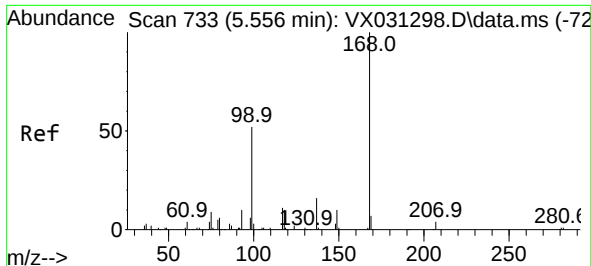
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

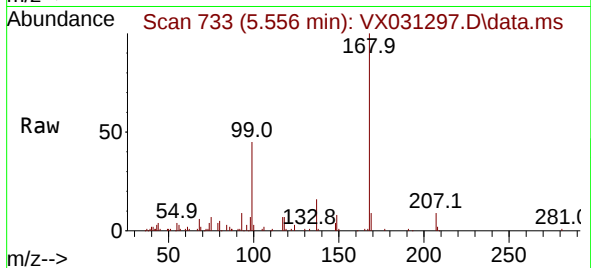
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031297.D
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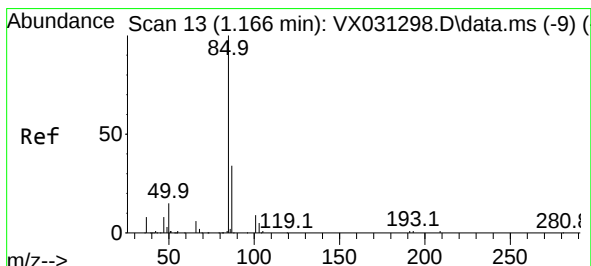
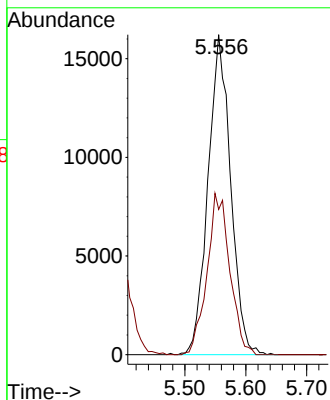
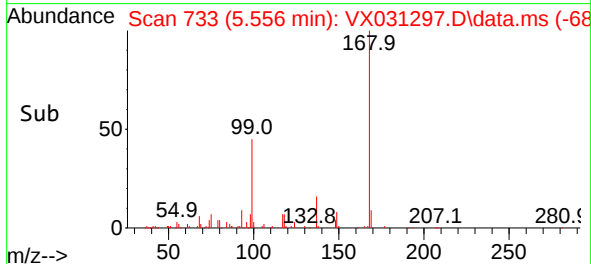
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 41788
Ion Ratio Lower Upper
168 100
99 45.4 41.3 61.9

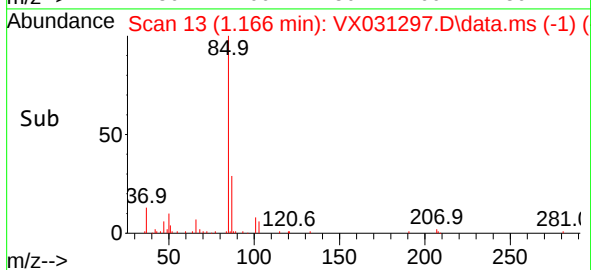
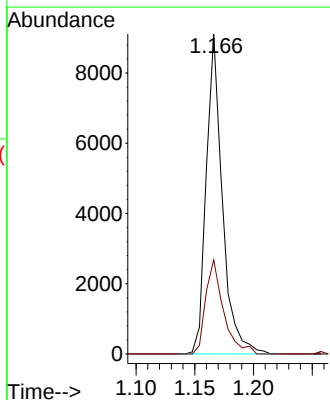
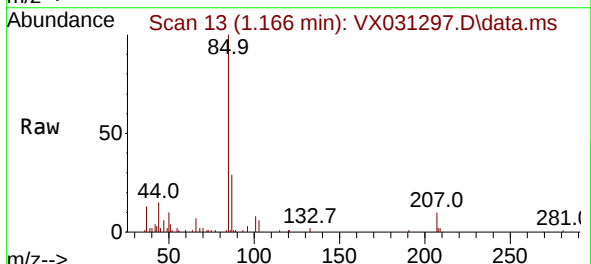
Manual Integrations
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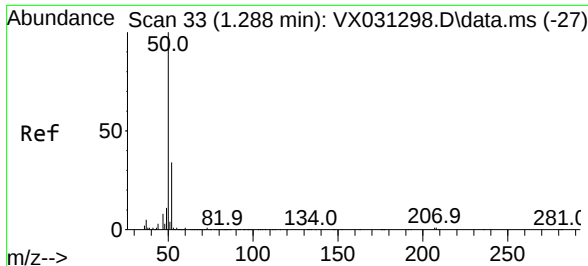
Reviewed By :John Carlone 09/14/2022
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#2
Dichlorodifluoromethane
Concen: 20.185 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

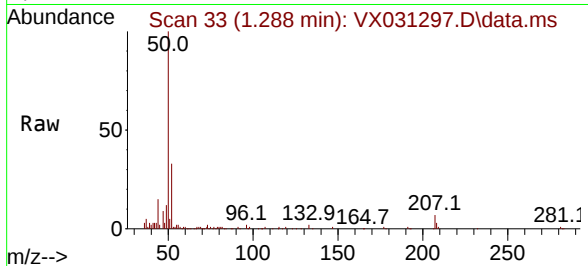
Tgt Ion: 85 Resp: 8689
Ion Ratio Lower Upper
85 100
87 29.4 16.8 50.4





#3
Chloromethane
Concen: 18.768 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

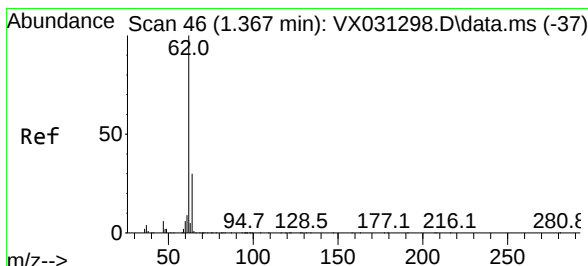
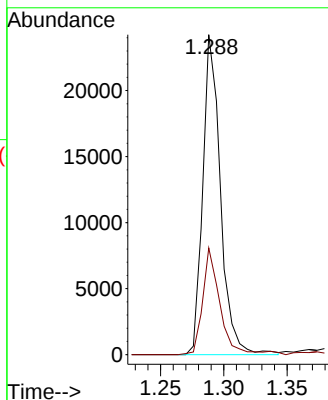
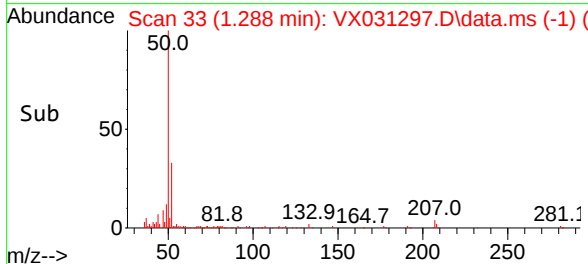
Instrument :
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ClientSampleId :
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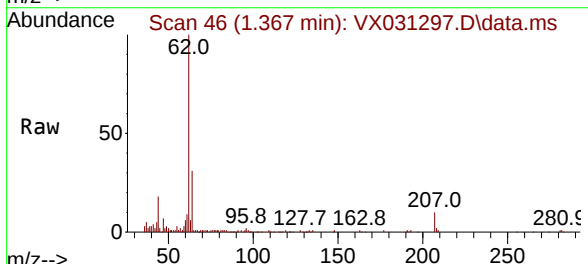
Tgt Ion: 50 Resp: 2361
Ion Ratio Lower Upper
50 100
52 33.3 27.1 40.7

Manual Integrations
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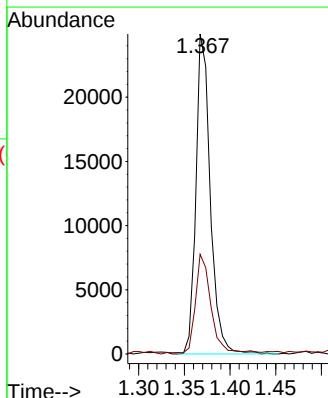
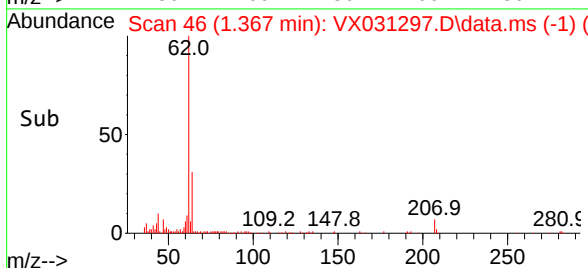
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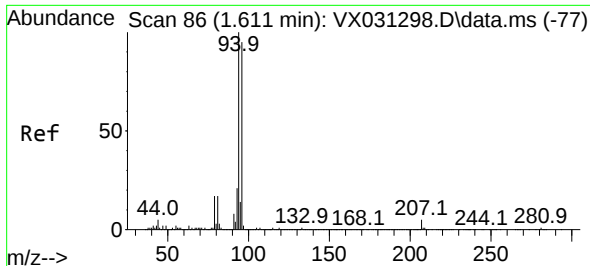


#4
Vinyl Chloride
Concen: 19.798 ug/l
RT: 1.367 min Scan# 46
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



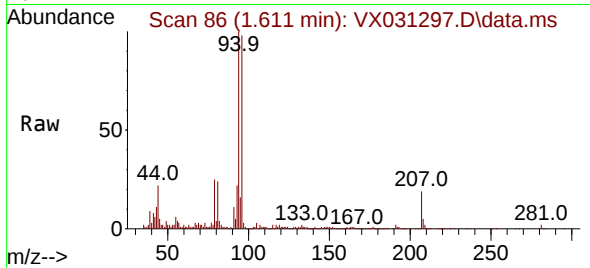
Tgt Ion: 62 Resp: 27273
Ion Ratio Lower Upper
62 100
64 30.7 24.1 36.1





#5
Bromomethane
Concen: 16.568 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

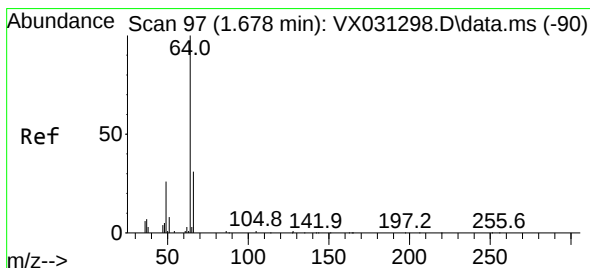
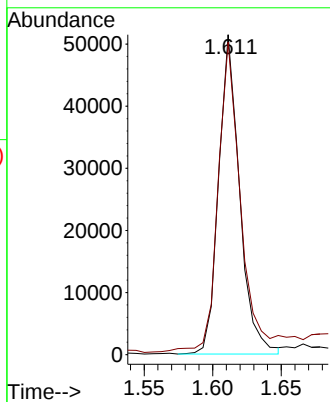
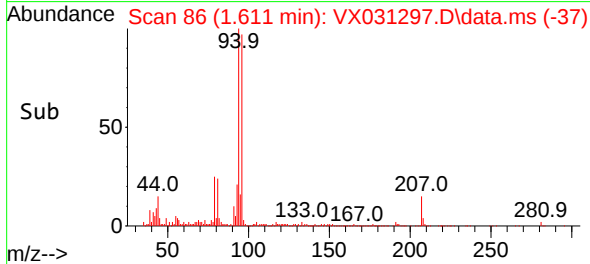
Instrument :
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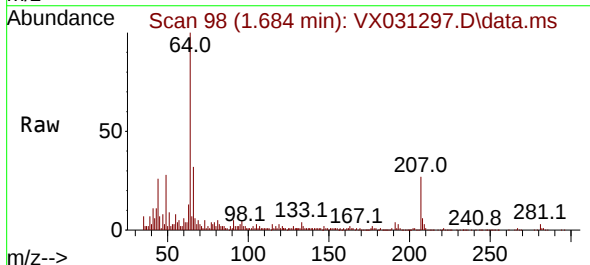
Tgt Ion: 94 Resp: 5466
Ion Ratio Lower Upper
94 100
96 95.9 76.1 114.1

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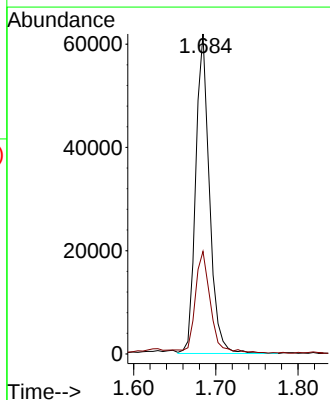
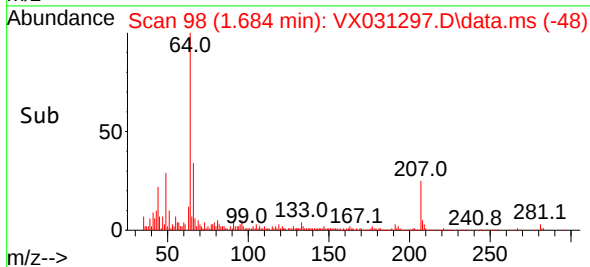
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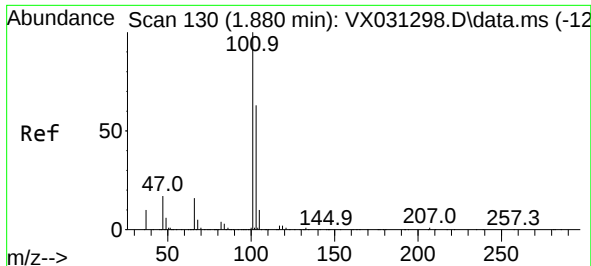


#6
Chloroethane
Concen: 26.161 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 64 Resp: 71683
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8





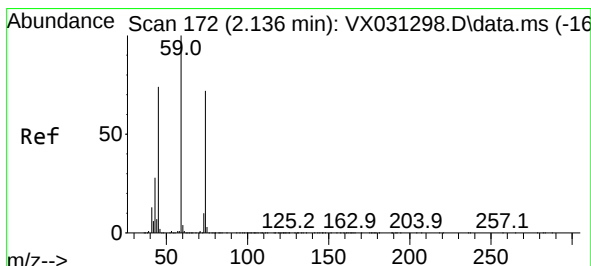
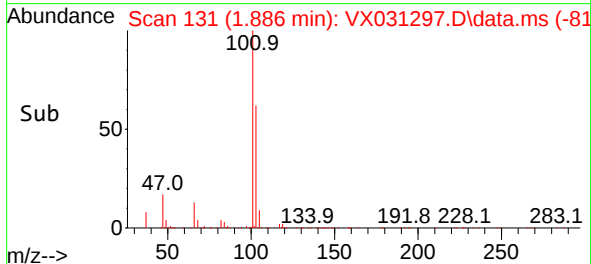
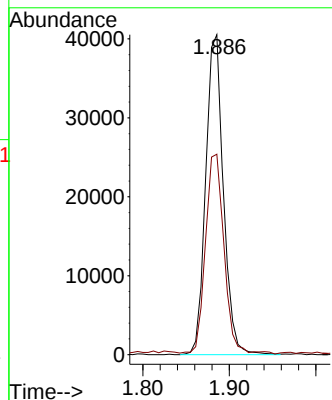
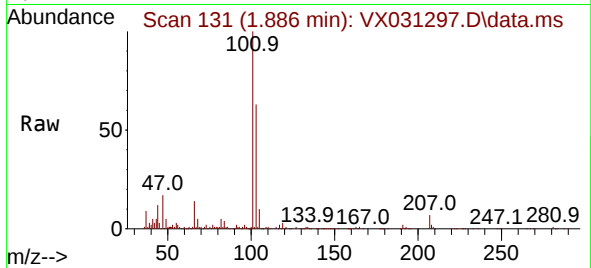
#7
Trichlorofluoromethane
Concen: 20.514 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5744
Ion Ratio Lower Upper
101 100
103 62.2 50.2 75.4

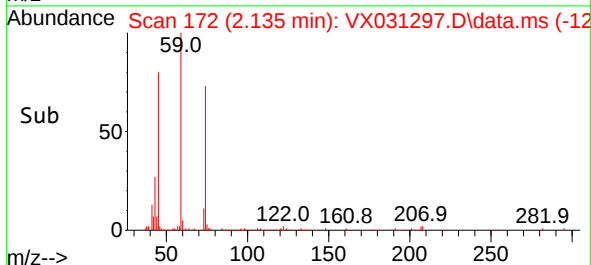
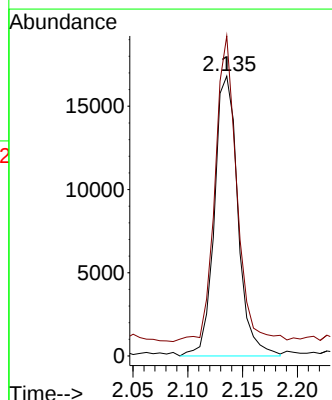
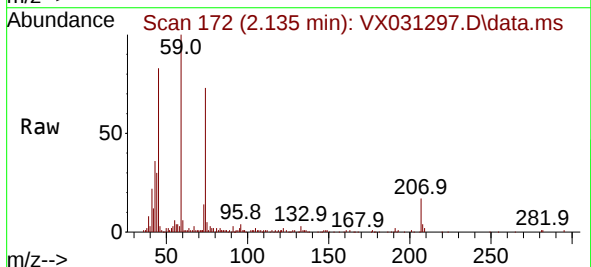
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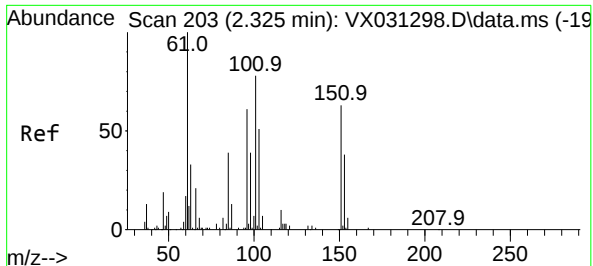
Reviewed By :John Carlone 09/14/2022
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#8
Diethyl Ether
Concen: 21.140 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 74 Resp: 25102
Ion Ratio Lower Upper
74 100
45 100.8 53.3 159.9





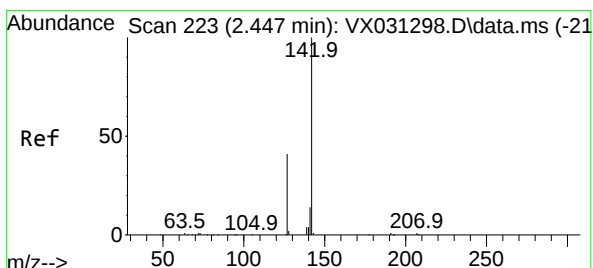
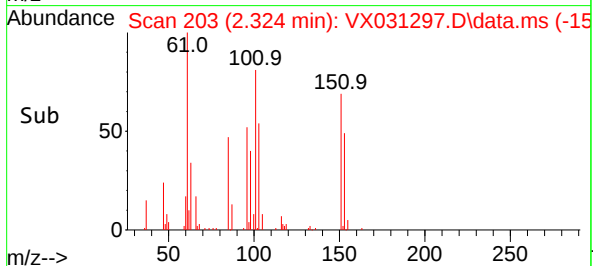
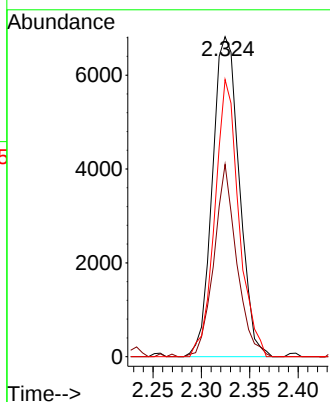
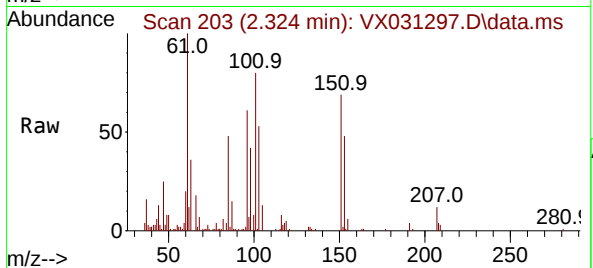
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.690 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 13180
Ion Ratio Lower Upper
101 100
85 50.6 38.2 57.2
151 77.3 64.1 96.1

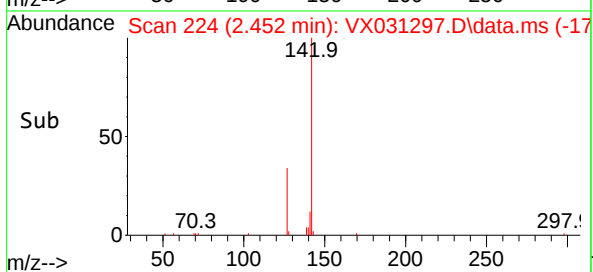
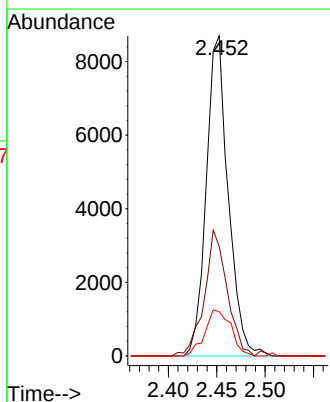
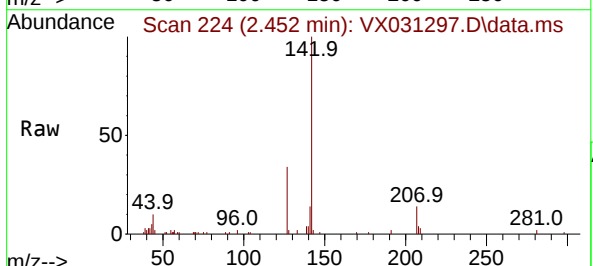
Manual Integrations
APPROVED

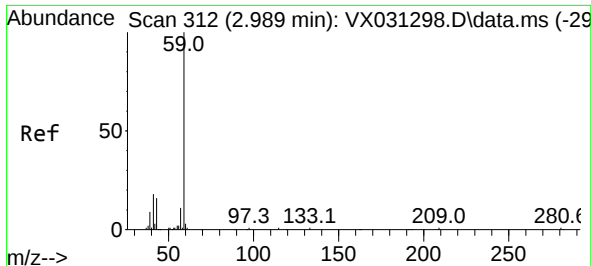
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 18.352 ug/l
RT: 2.452 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion:142 Resp: 13748
Ion Ratio Lower Upper
142 100
127 40.6 33.3 49.9
141 17.1 12.0 18.0





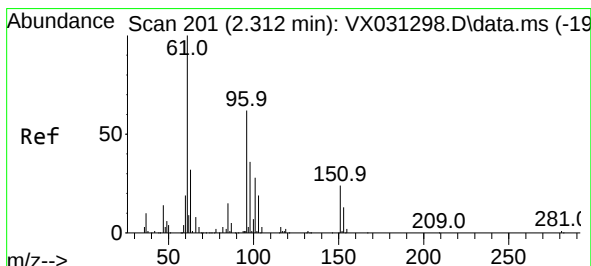
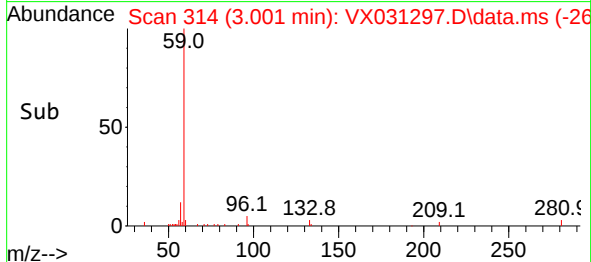
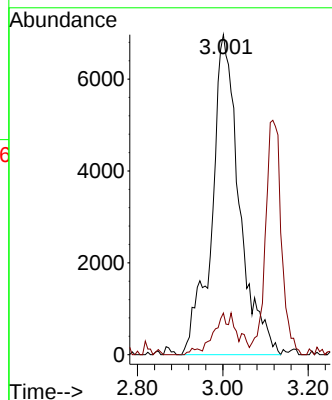
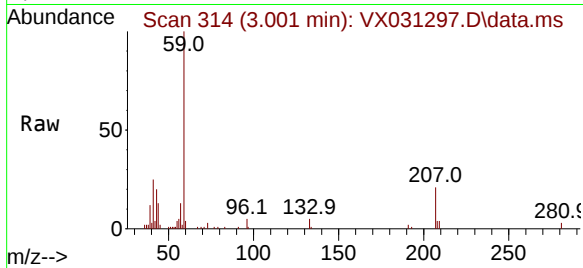
#11
Tert butyl alcohol
Concen: 101.180 ug/l m
RT: 3.001 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 3128
Ion Ratio Lower Upper
59 100
57 5.5 8.5 12.7

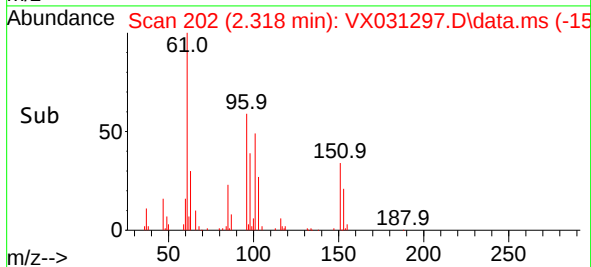
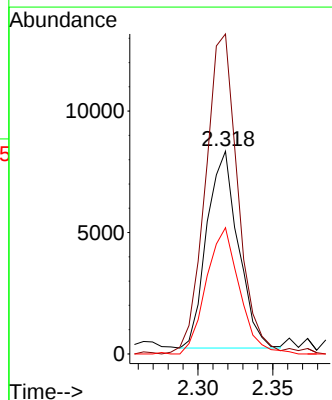
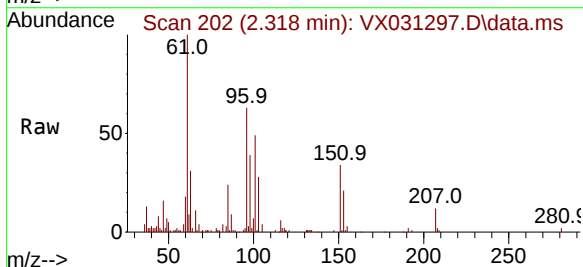
Manual Integrations
APPROVED

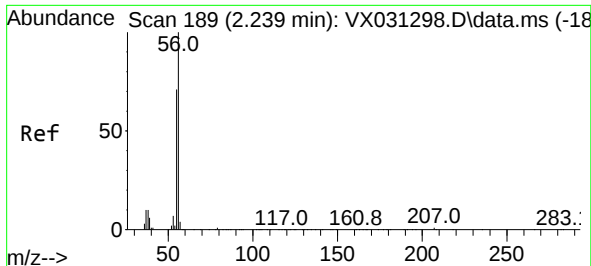
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#12
1,1-Dichloroethene
Concen: 17.652 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

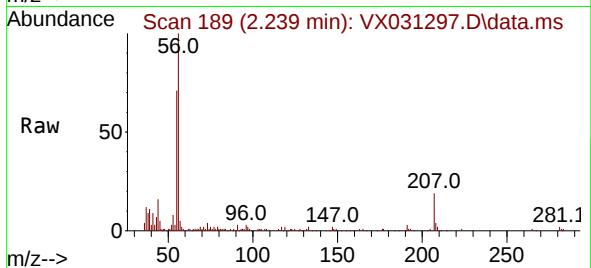
Tgt Ion: 96 Resp: 11816
Ion Ratio Lower Upper
96 100
61 161.1 128.7 193.1
98 64.2 46.7 70.1





#13
Acrolein
Concen: 98.453 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

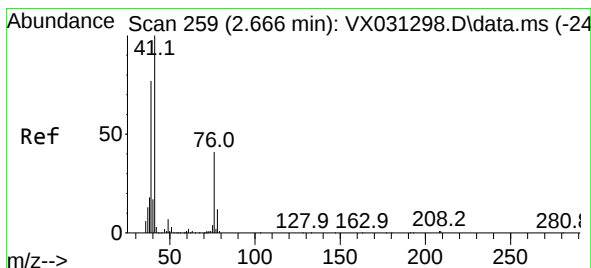
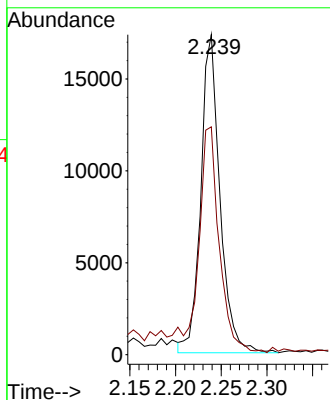
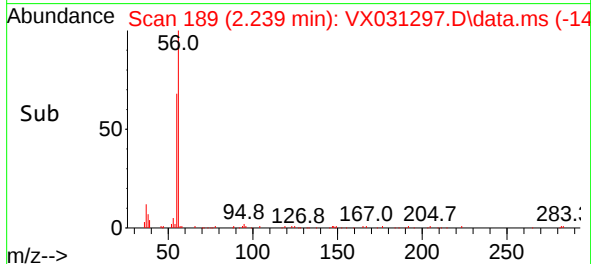
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



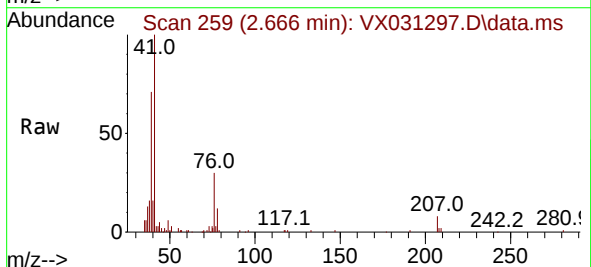
Tgt Ion: 56 Resp: 2515
Ion Ratio Lower Upper
56 100
55 74.3 60.6 90.8

Manual Integrations
APPROVED

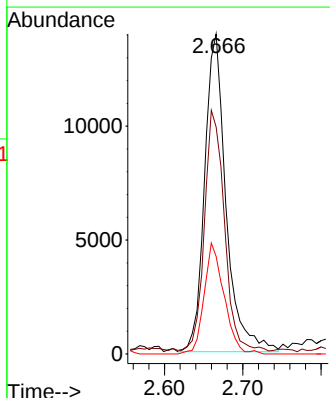
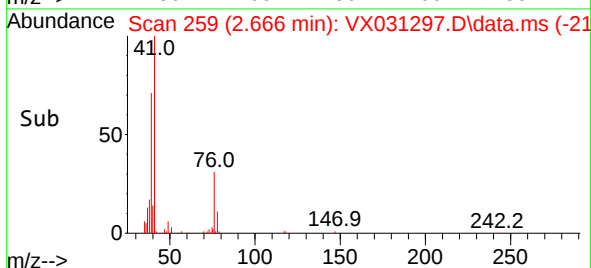
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

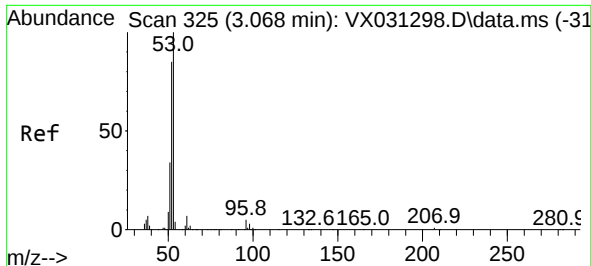


#14
Allyl chloride
Concen: 19.521 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



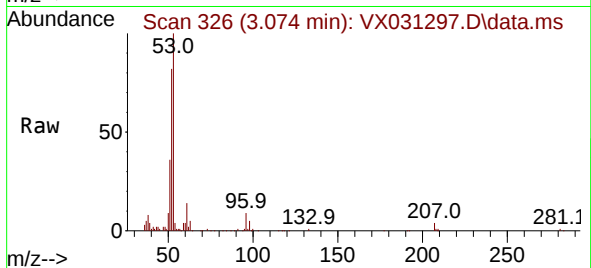
Tgt Ion: 41 Resp: 26551
Ion Ratio Lower Upper
41 100
39 70.1 57.9 86.9
76 32.4 28.4 42.6





#15
Acrylonitrile
Concen: 100.038 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

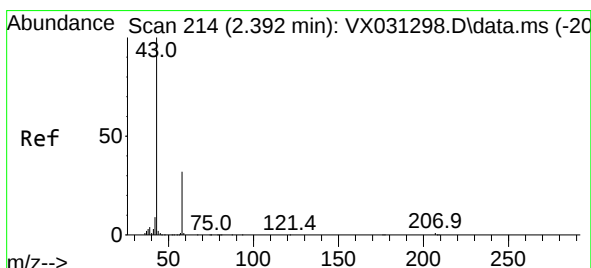
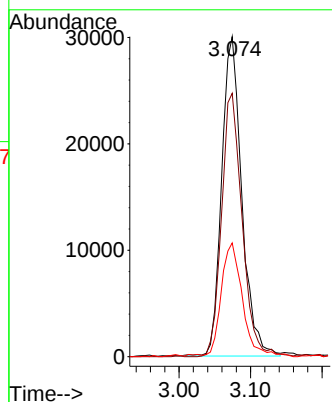
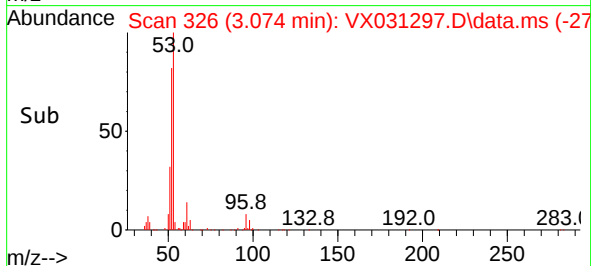
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



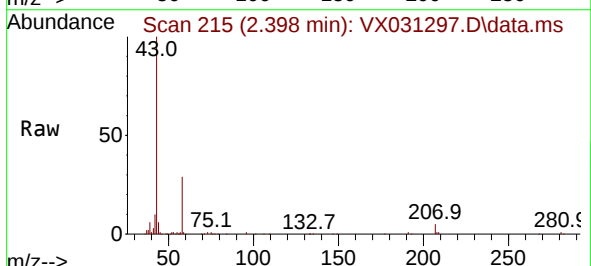
Tgt Ion: 53 Resp: 58670
Ion Ratio Lower Upper
53 100
52 84.4 66.7 100.1
51 38.0 28.2 42.2

Manual Integrations
APPROVED

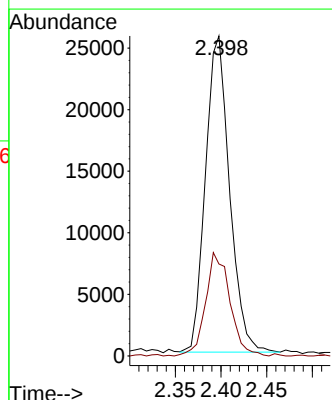
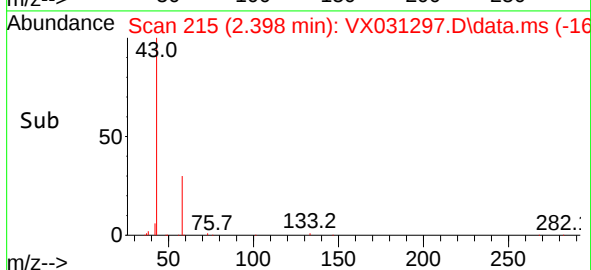
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

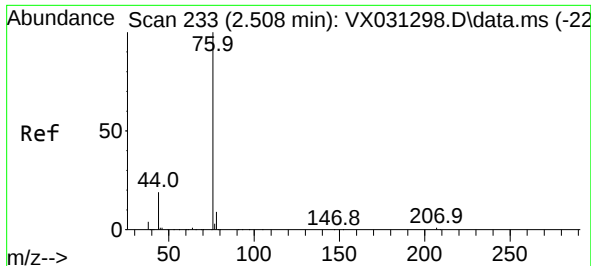


#16
Acetone
Concen: 97.885 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



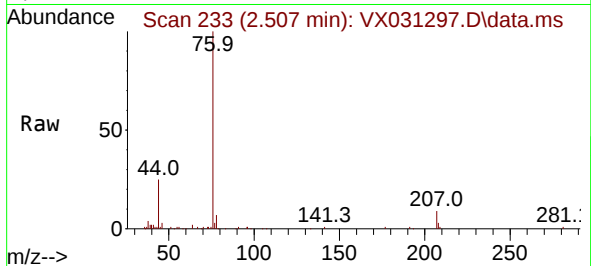
Tgt Ion: 43 Resp: 47001
Ion Ratio Lower Upper
43 100
58 28.8 25.9 38.9





#17
Carbon Disulfide
Concen: 17.214 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

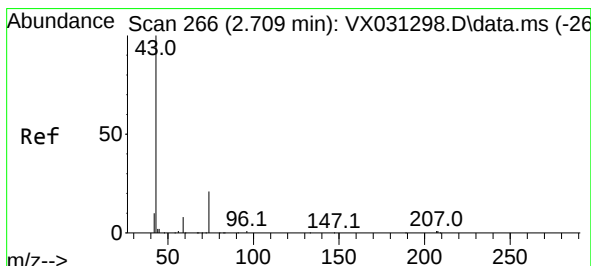
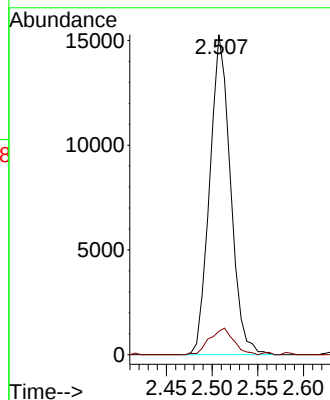
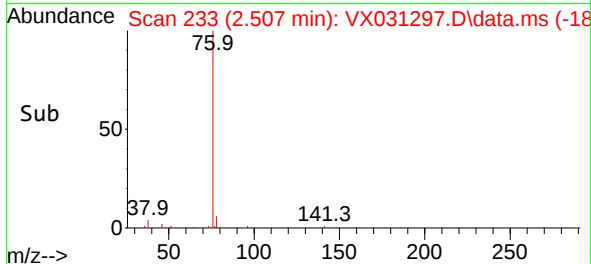
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



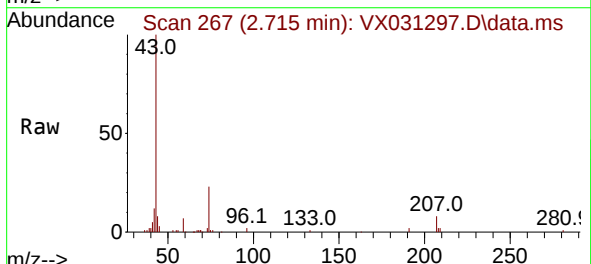
Tgt Ion: 76 Resp: 24129
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.2

Manual Integrations
APPROVED

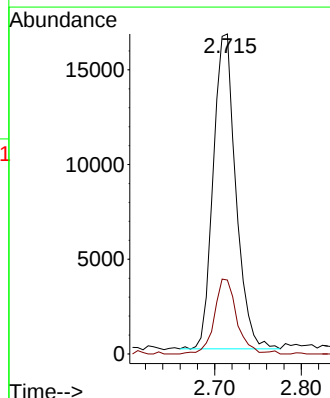
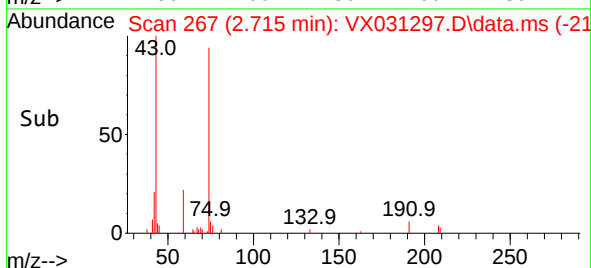
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

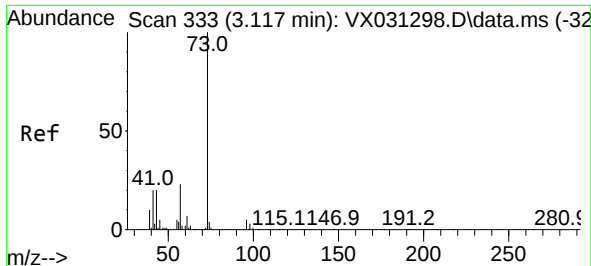


#18
Methyl Acetate
Concen: 20.063 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 43 Resp: 30111
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0





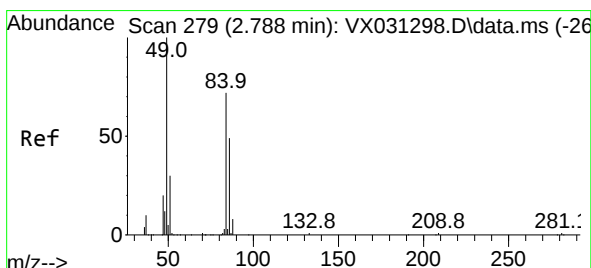
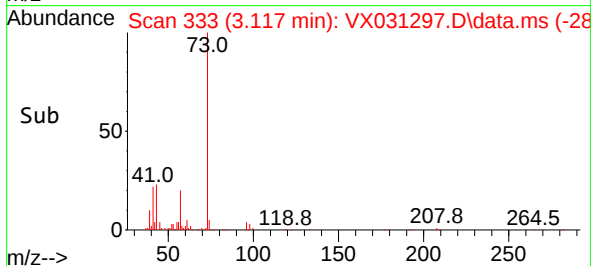
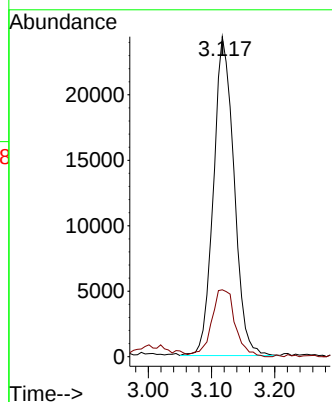
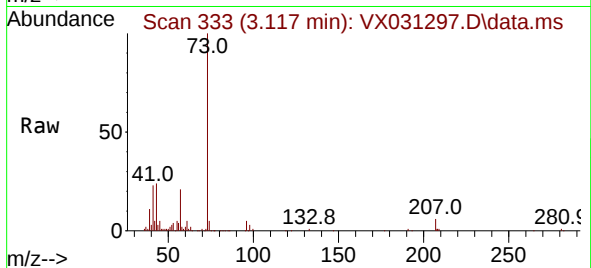
#19
Methyl tert-butyl Ether
Concen: 19.630 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 54884
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8

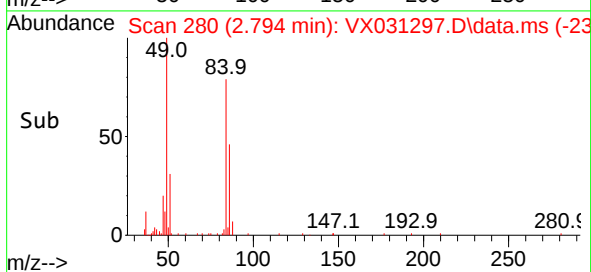
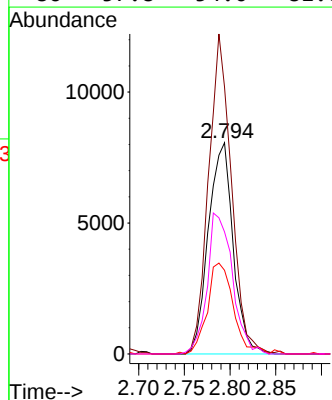
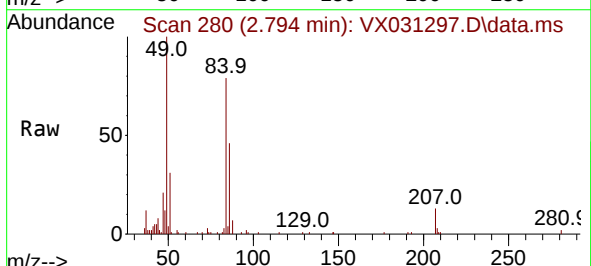
Manual Integrations
APPROVED

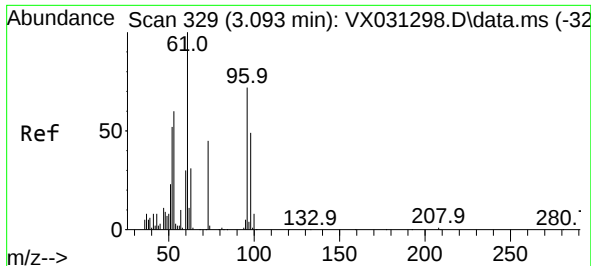
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 18.480 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

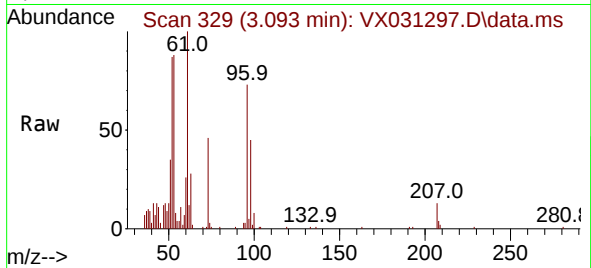
Tgt Ion: 84 Resp: 15172
Ion Ratio Lower Upper
84 100
49 126.5 111.0 166.4
51 38.8 33.7 50.5
86 57.8 54.0 81.0





#21
trans-1,2-Dichloroethene
Concen: 19.534 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

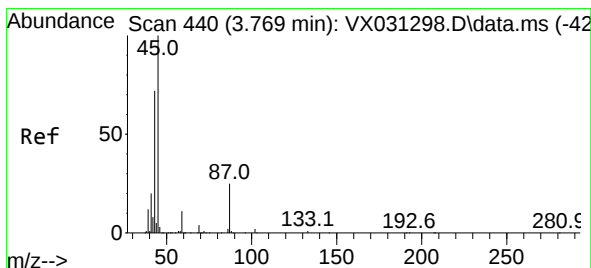
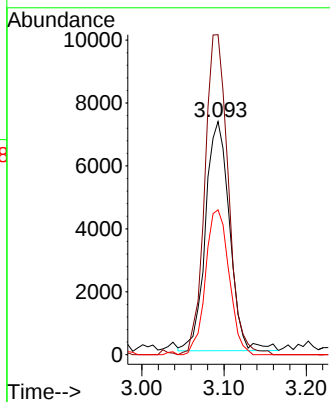
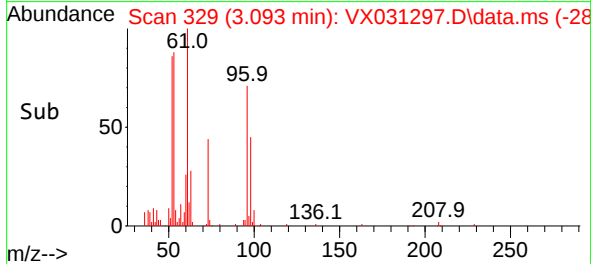
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 1488
Ion Ratio Lower Upper
96 100
61 139.8 110.6 166.0
98 63.2 54.0 81.0

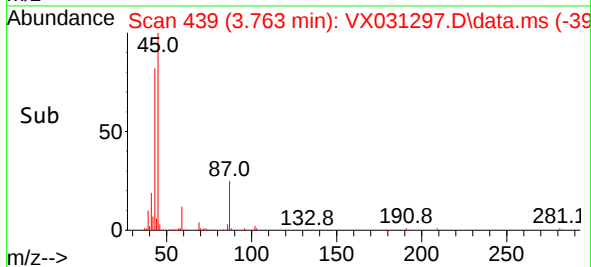
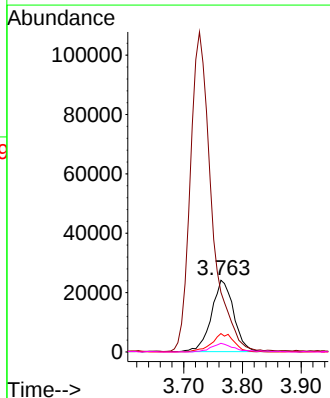
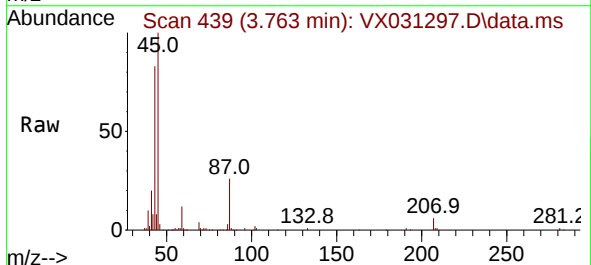
Manual Integrations
APPROVED

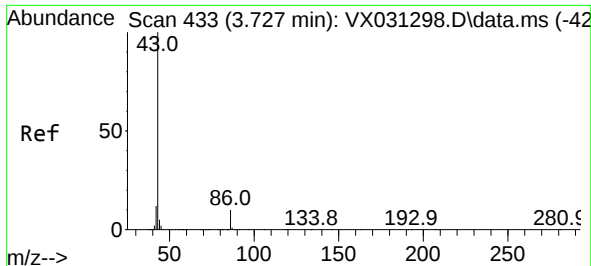
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 20.052 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

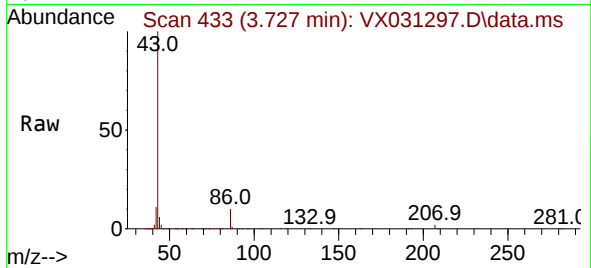
Tgt Ion: 45 Resp: 63199
Ion Ratio Lower Upper
45 100
43 81.7 58.0 87.0
87 25.7 19.6 29.4
59 12.2 8.5 12.7





#23
 Vinyl Acetate
 Concen: 97.569 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031297.D
 Acq: 13 Sep 2022 18:16

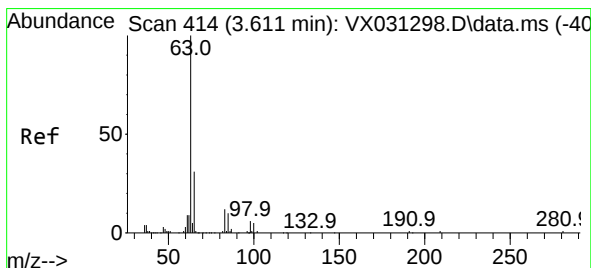
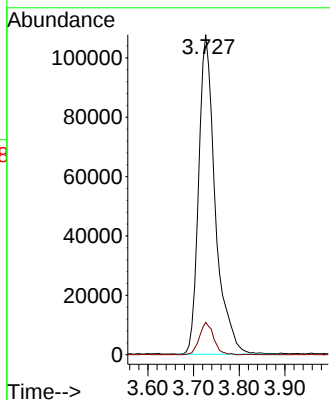
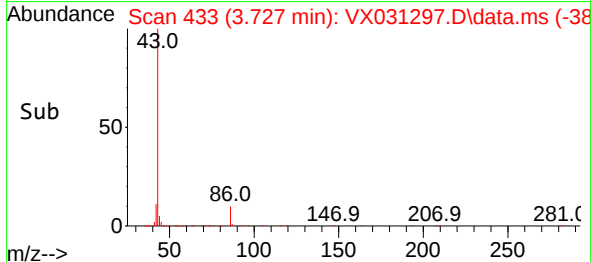
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



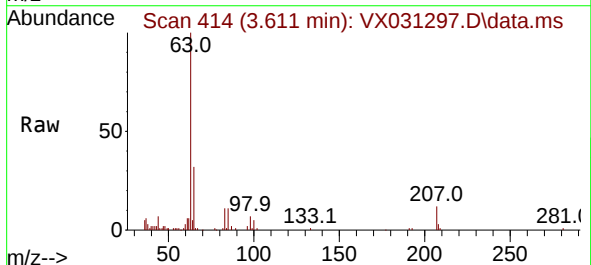
Tgt Ion: 43 Resp: 272074
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.7 11.5

Manual Integrations
 APPROVED

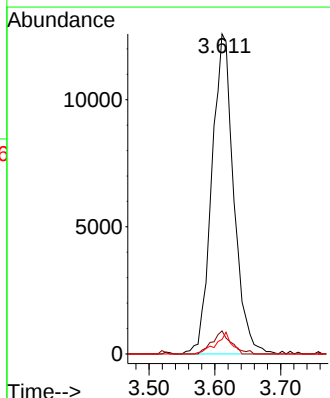
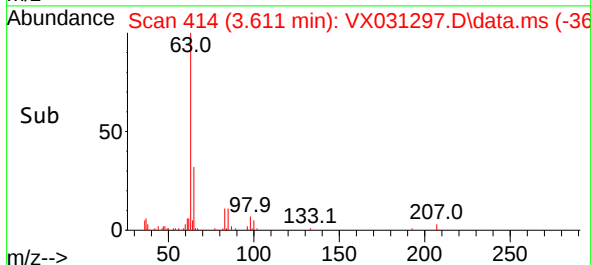
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

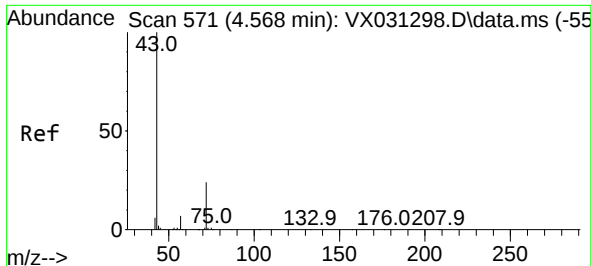


#24
 1,1-Dichloroethane
 Concen: 19.604 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX031297.D
 Acq: 13 Sep 2022 18:16



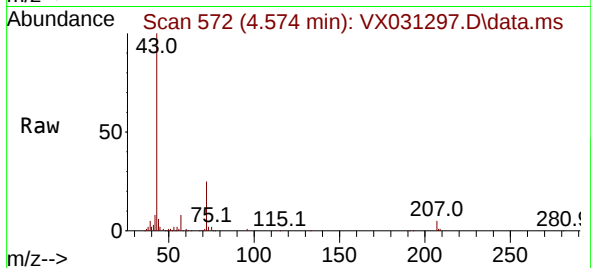
Tgt Ion: 63 Resp: 29187
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.3
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 103.368 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

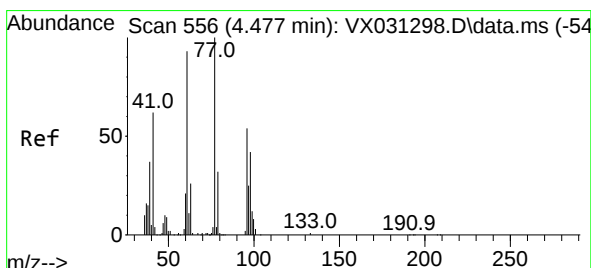
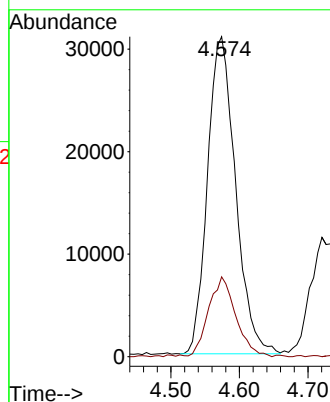
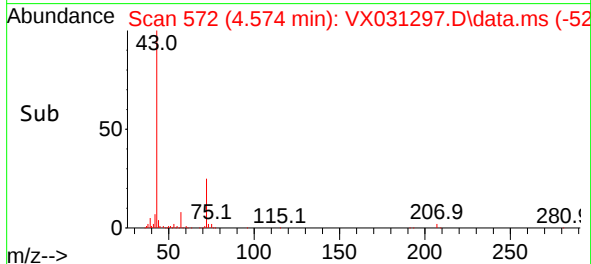
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 8790
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

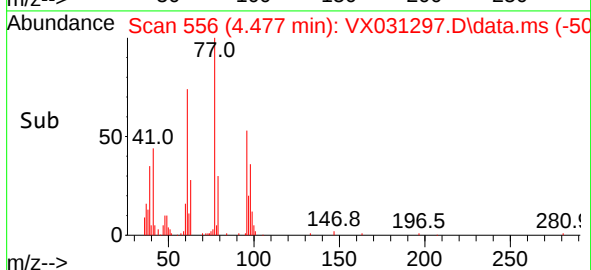
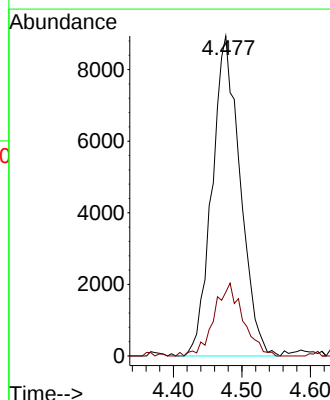
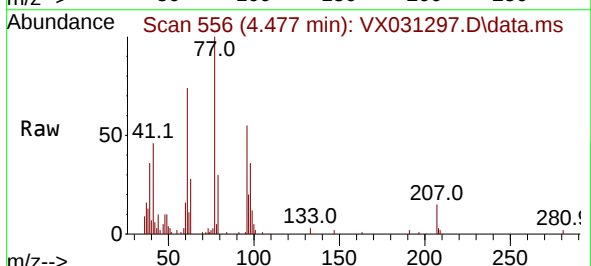
Manual Integrations
APPROVED

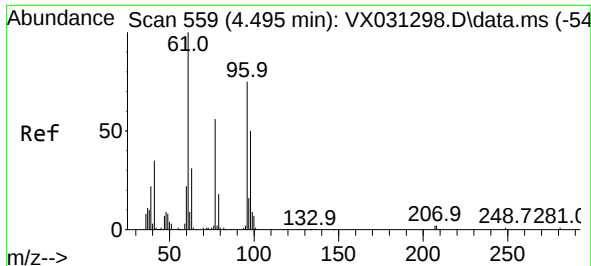
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 20.276 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 77 Resp: 25454
Ion Ratio Lower Upper
77 100
97 23.6 13.0 38.9





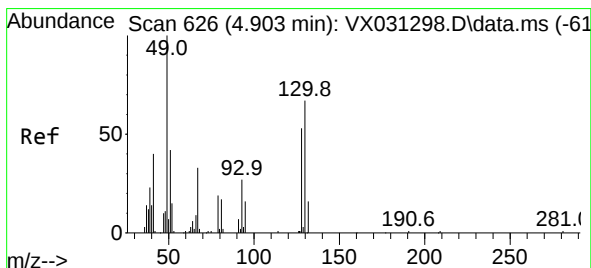
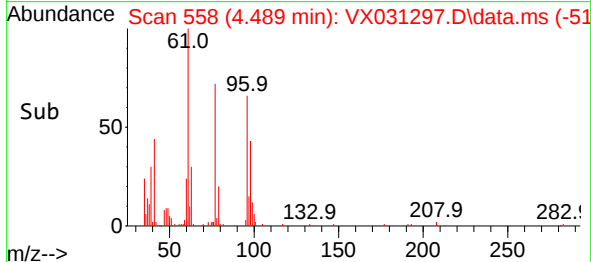
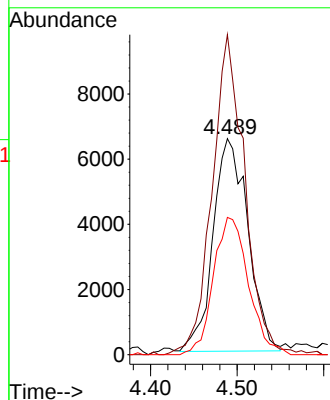
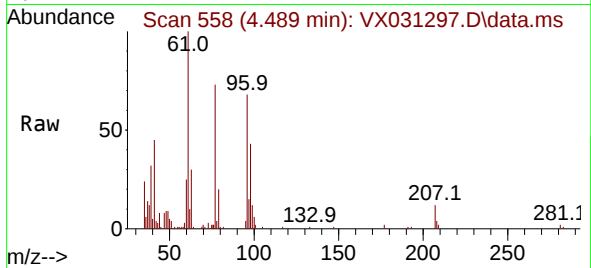
#27
cis-1,2-Dichloroethene
Concen: 20.642 ug/l
RT: 4.489 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 18269
Ion Ratio Lower Upper
96 100
61 141.0 0.0 285.4
98 64.8 0.0 129.4

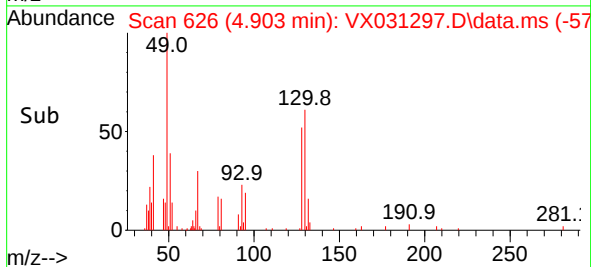
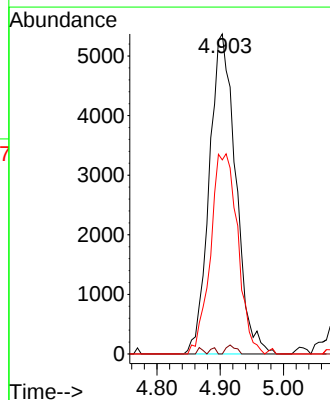
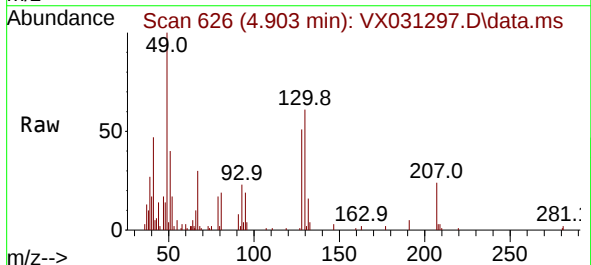
Manual Integrations
APPROVED

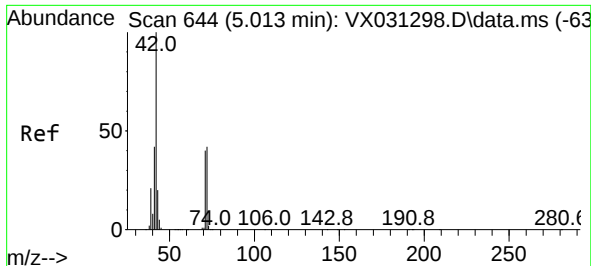
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#28
Bromochloromethane
Concen: 21.260 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 49 Resp: 15607
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.2
130 64.3 54.6 81.8





#29

Tetrahydrofuran

Concen: 100.344 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

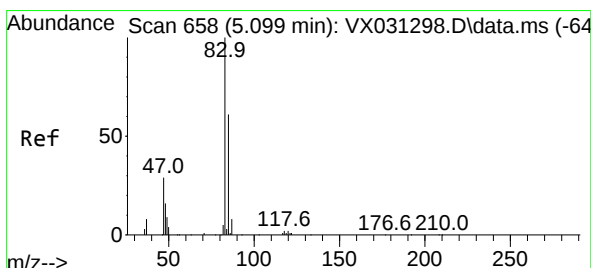
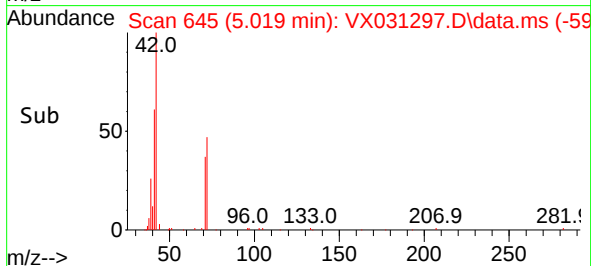
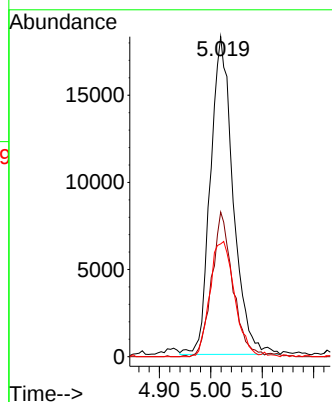
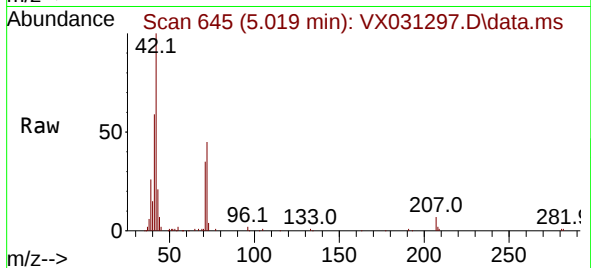
Tgt Ion:	42	Resp:	5594
Ion Ratio	Lower	Upper	
42	100		
72	42.3	33.6	50.4
71	39.2	31.6	47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 20.400 ug/l

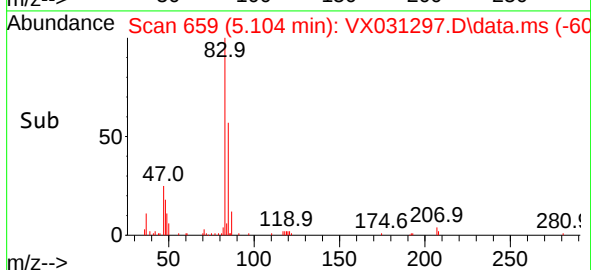
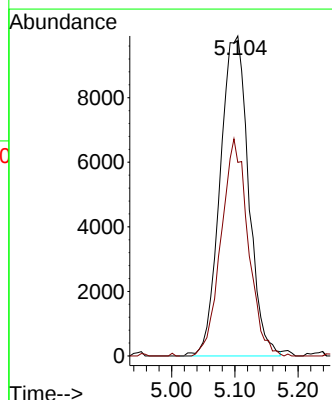
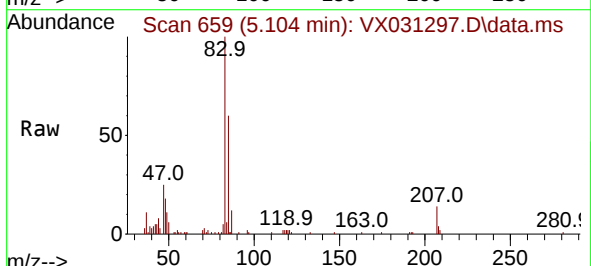
RT: 5.104 min Scan# 659

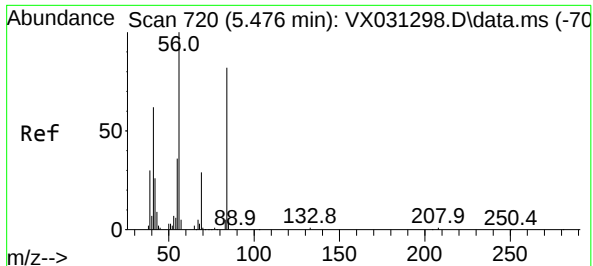
Delta R.T. 0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

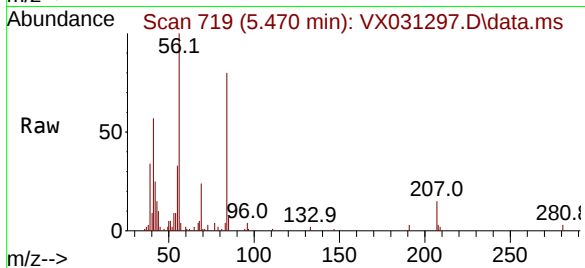
Tgt Ion:	83	Resp:	31019
Ion Ratio	Lower	Upper	
83	100		
85	60.5	48.6	72.8





#31
Cyclohexane
Concen: 19.301 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

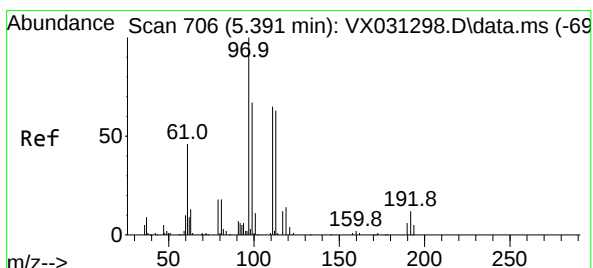
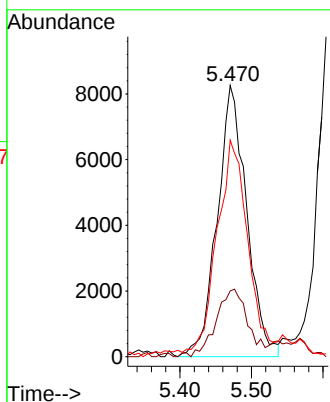
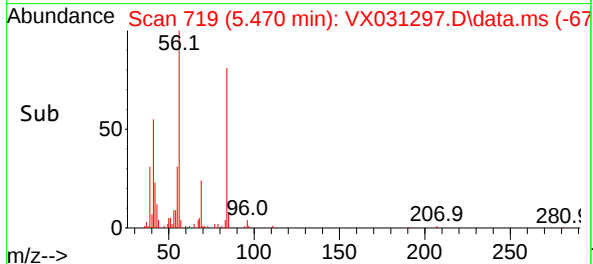
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



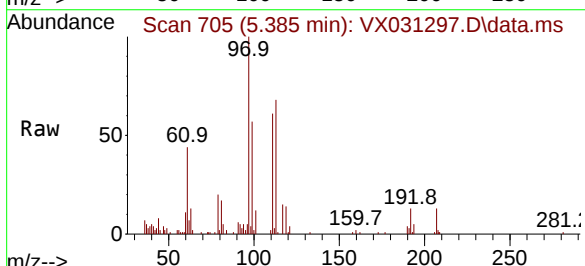
Tgt Ion: 56 Resp: 2360
Ion Ratio Lower Upper
56 100
69 23.1 23.0 34.4
84 77.5 65.2 97.8

Manual Integrations
APPROVED

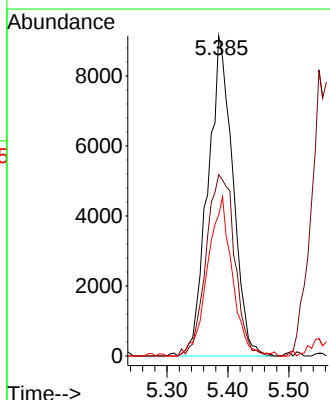
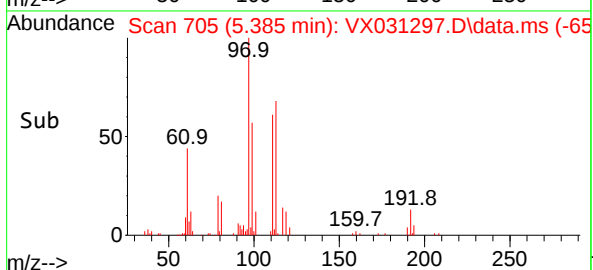
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

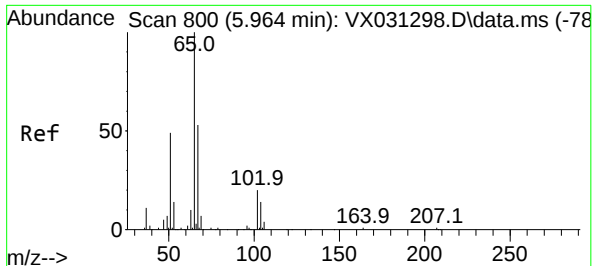


#32
1,1,1-Trichloroethane
Concen: 19.598 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 97 Resp: 25937
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 49.2 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 21.121 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 1873

Ion Ratio Lower Upper

65 100

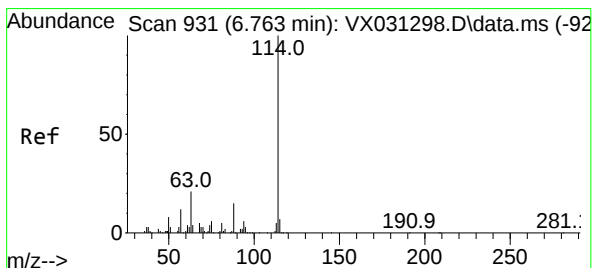
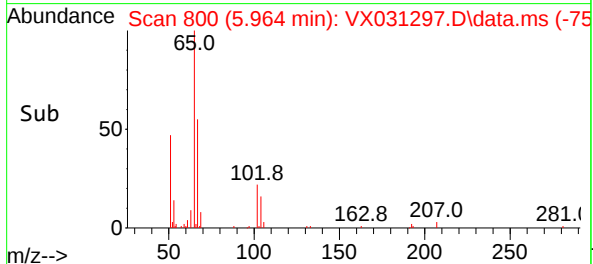
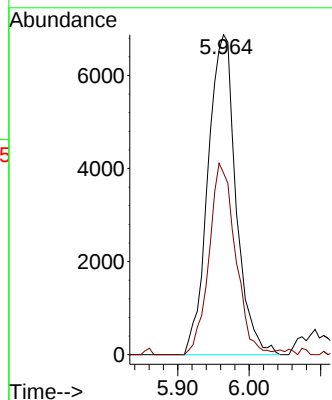
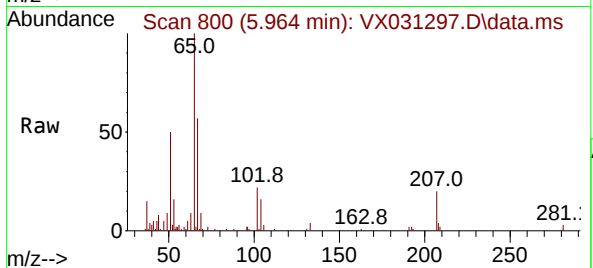
67 56.5 0.0 109.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

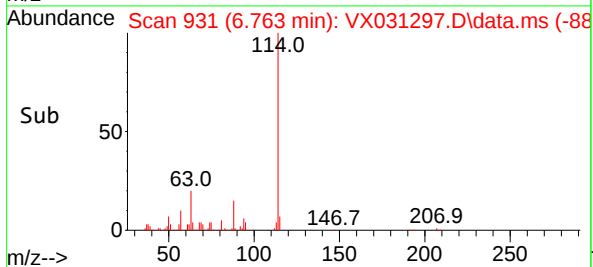
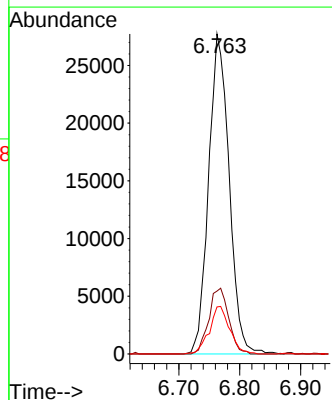
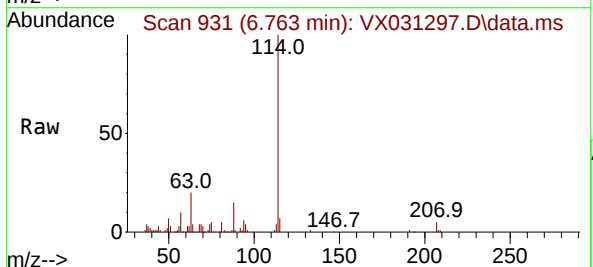
Tgt Ion:114 Resp: 64877

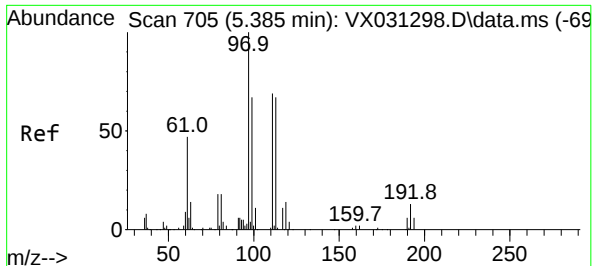
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

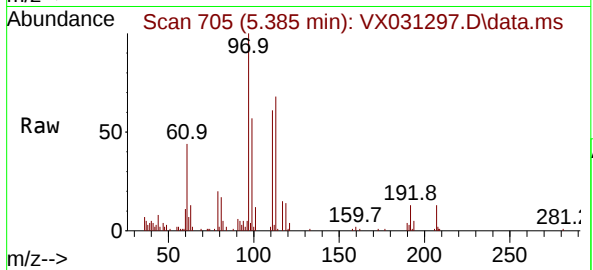
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 21.465 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

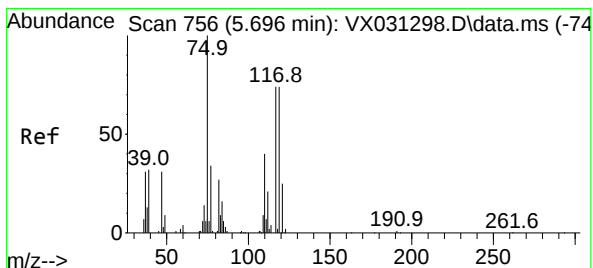
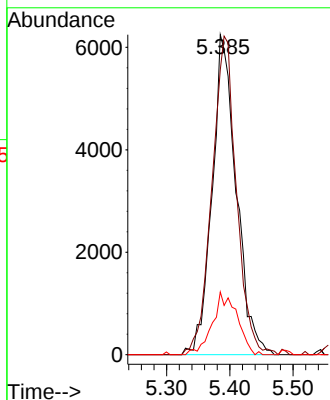
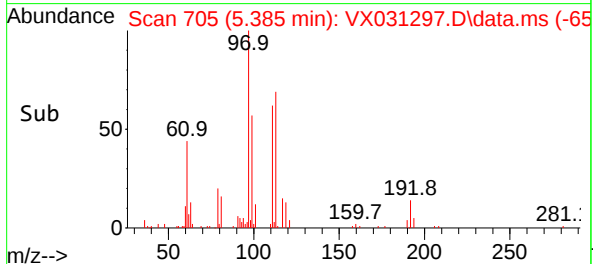
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



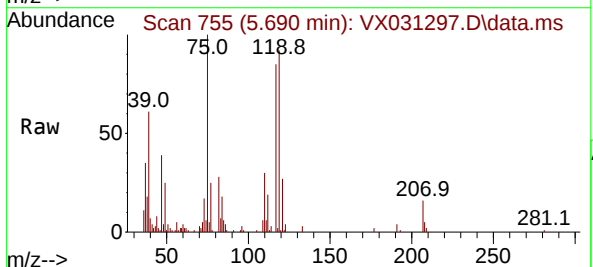
Tgt Ion: 113 Resp: 16530
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 20.0 16.0 24.0

Manual Integrations
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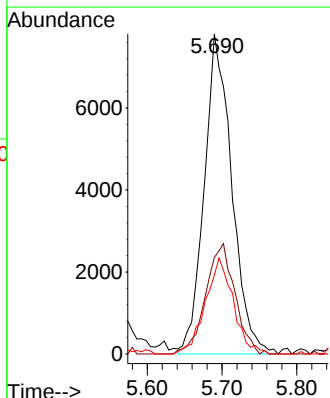
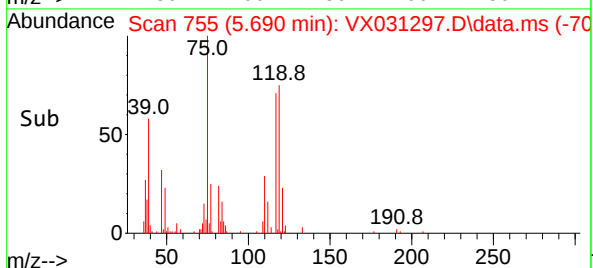
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

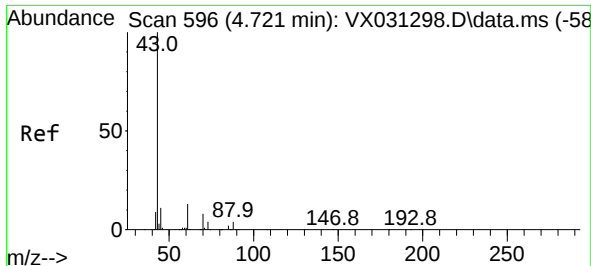


#36
1,1-Dichloropropene
Concen: 18.939 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 75 Resp: 20066
Ion Ratio Lower Upper
75 100
110 36.4 18.5 55.5
77 30.3 25.5 38.3





#37

Ethyl Acetate

Concen: 21.262 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

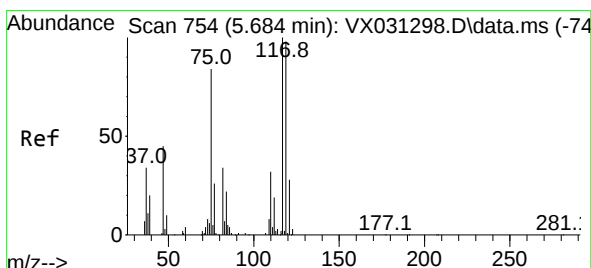
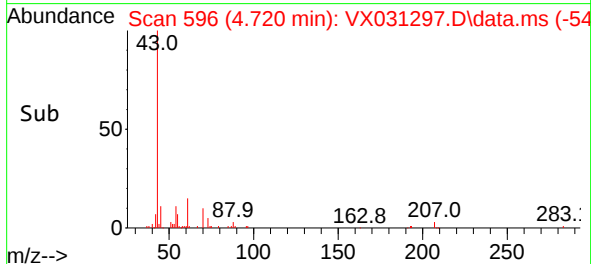
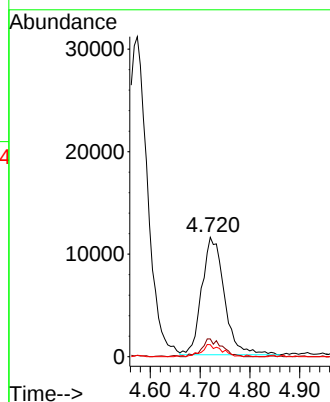
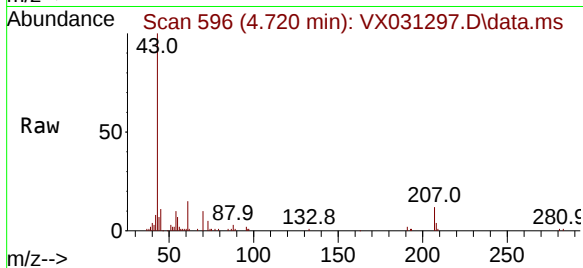
Tgt Ion:	43	Resp:	3597
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.4	15.6
70	8.9	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#38

Carbon Tetrachloride

Concen: 19.543 ug/l

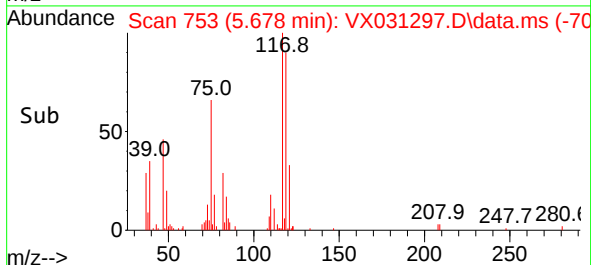
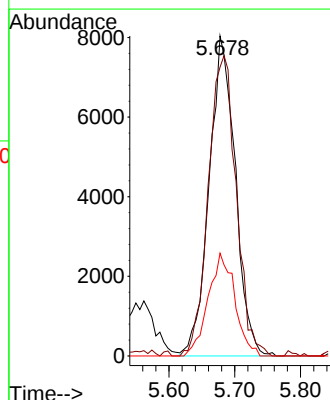
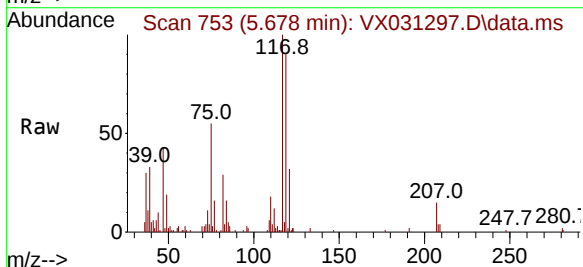
RT: 5.678 min Scan# 753

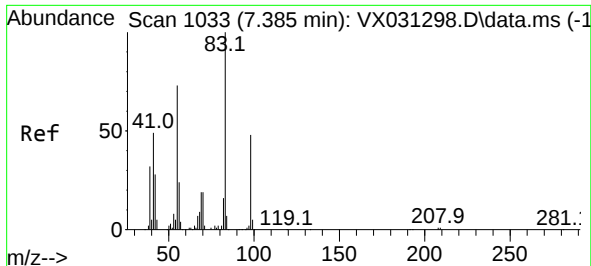
Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Tgt Ion:	117	Resp:	22242
Ion Ratio	Lower	Upper	
117	100		
119	90.2	77.6	116.4
121	32.1	22.0	33.0





#39

Methylcyclohexane

Concen: 18.799 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

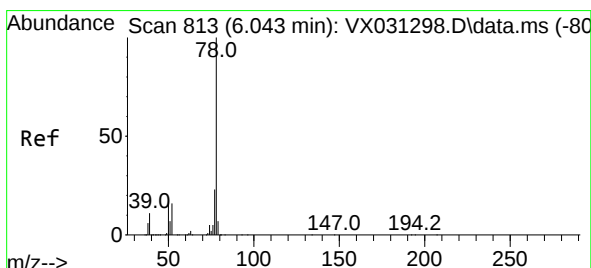
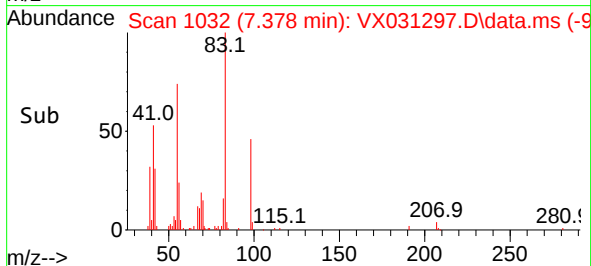
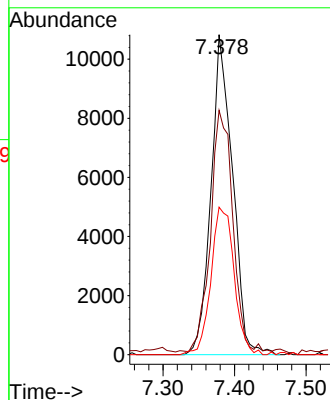
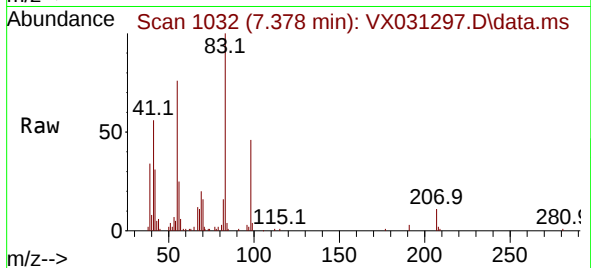
Tgt Ion: 83	Resp: 22649
Ion Ratio	Lower Upper
83 100	
55 75.1	58.5 87.7
98 46.1	38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 19.574 ug/l

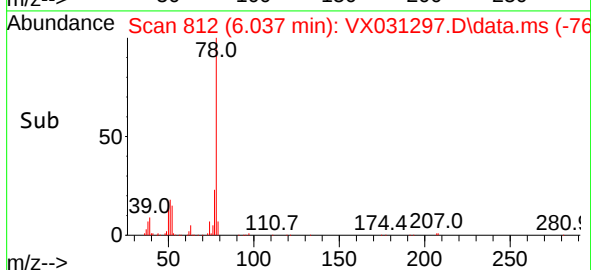
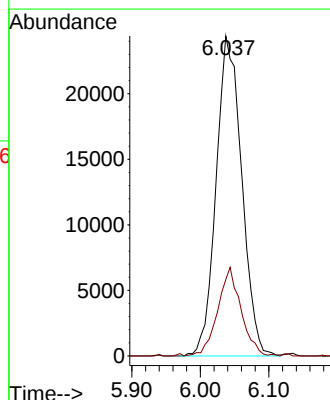
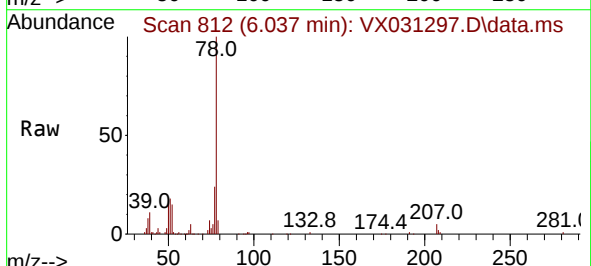
RT: 6.037 min Scan# 812

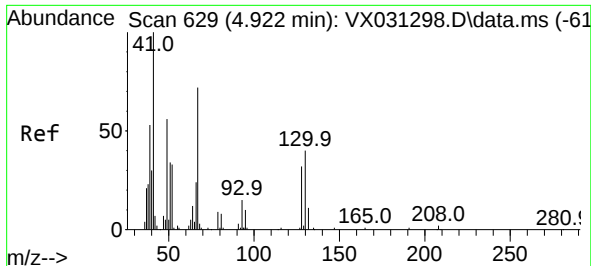
Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Tgt Ion: 78	Resp: 63270
Ion Ratio	Lower Upper
78 100	
77 23.9	18.2 27.2





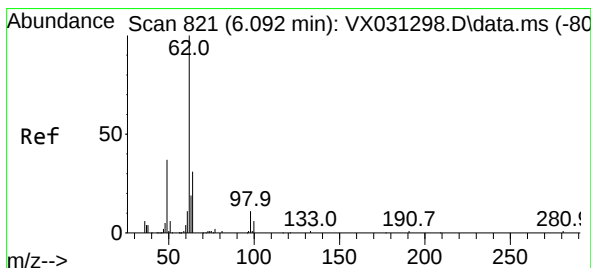
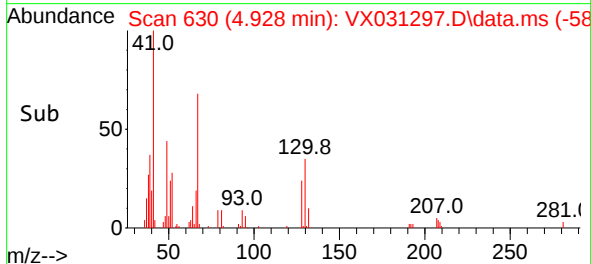
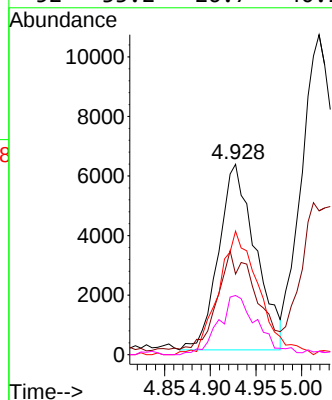
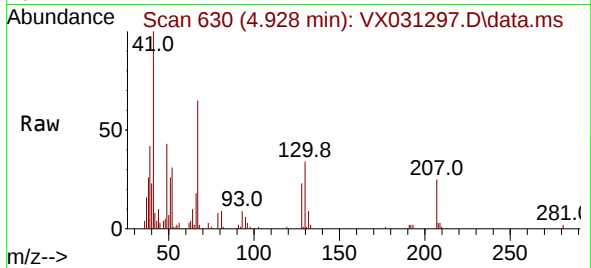
#41
Methacrylonitrile
Concen: 20.563 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41	Resp: 1762
Ion Ratio	Lower Upper
41 100	
39 55.1	45.1 67.7
67 72.0	58.0 87.0
52 33.2	26.7 40.1

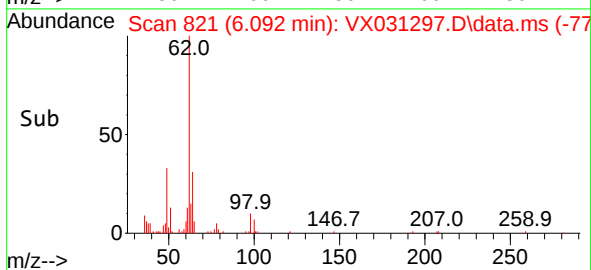
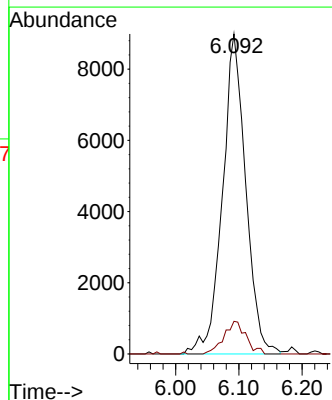
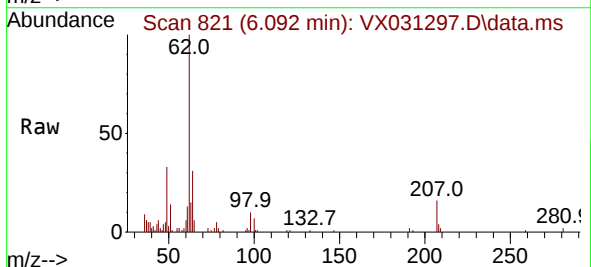
Manual Integrations
APPROVED

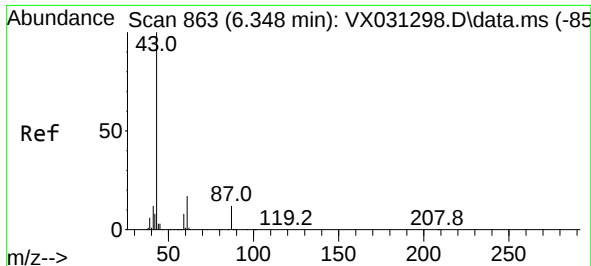
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 19.485 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 62	Resp: 22937
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.0





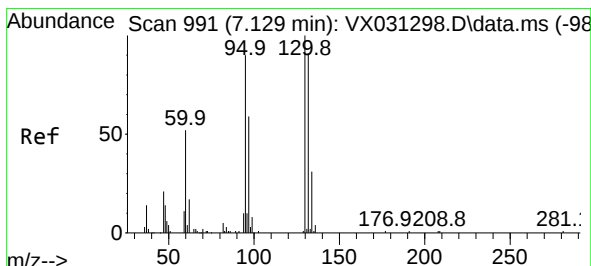
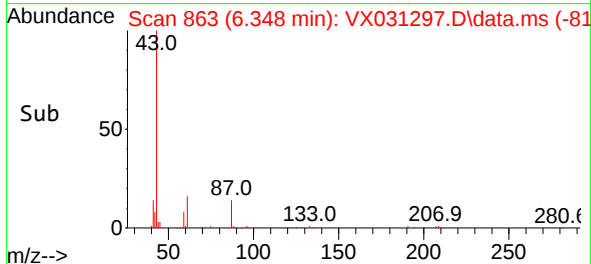
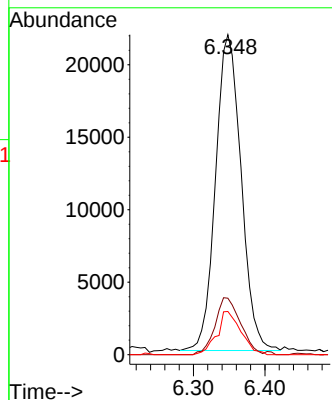
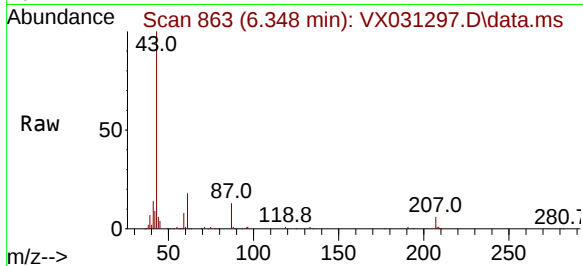
#43
Isopropyl Acetate
Concen: 20.115 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 5411
Ion Ratio Lower Upper
43 100
61 17.9 14.3 21.5
87 12.9 9.6 14.4

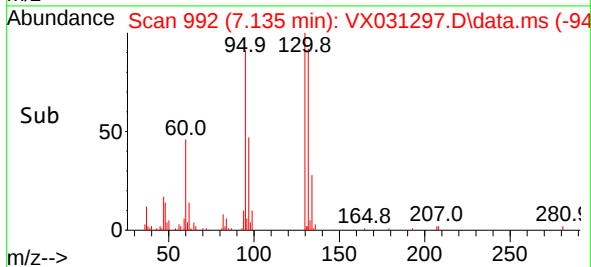
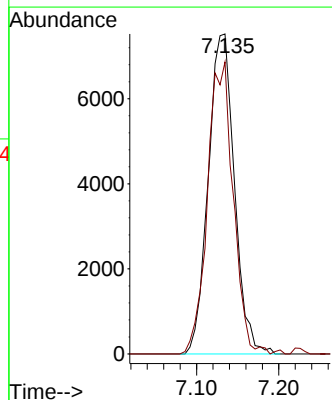
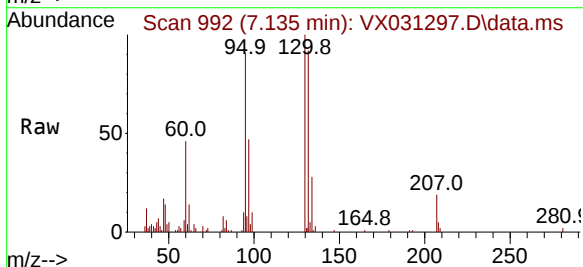
Manual Integrations
APPROVED

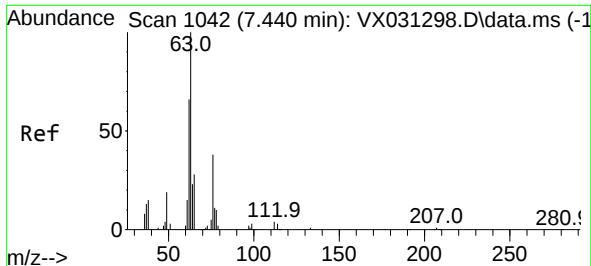
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 19.432 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion:130 Resp: 16645
Ion Ratio Lower Upper
130 100
95 91.2 0.0 181.4





#45

1,2-Dichloropropane

Concen: 20.010 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 17908

Ion Ratio Lower Upper

63 100

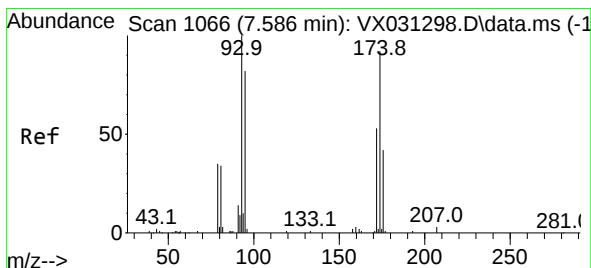
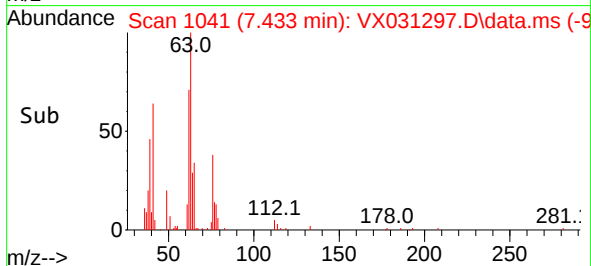
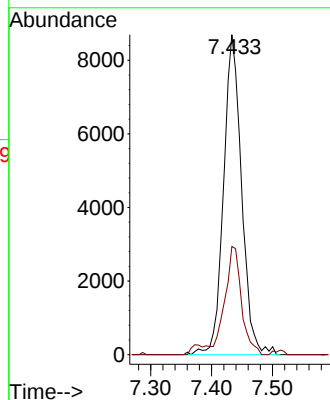
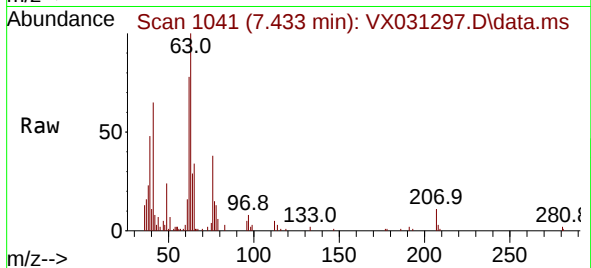
65 33.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 19.428 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

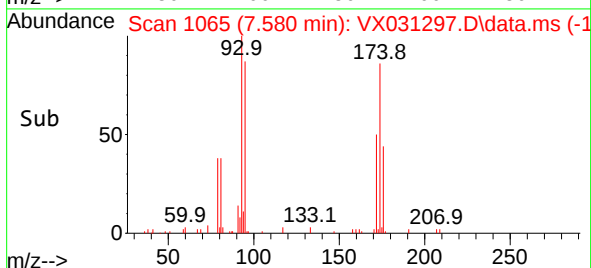
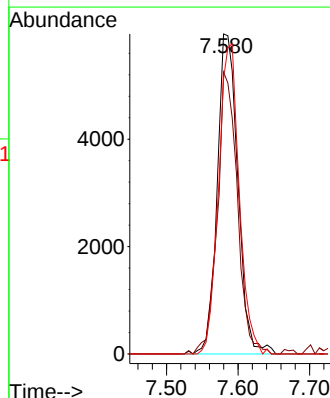
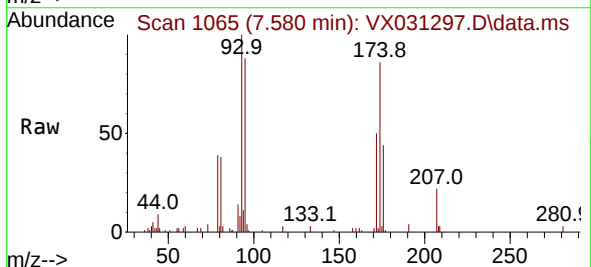
Tgt Ion: 93 Resp: 11933

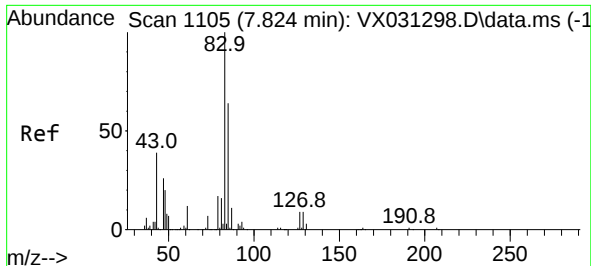
Ion Ratio Lower Upper

93 100

95 85.5 67.9 101.9

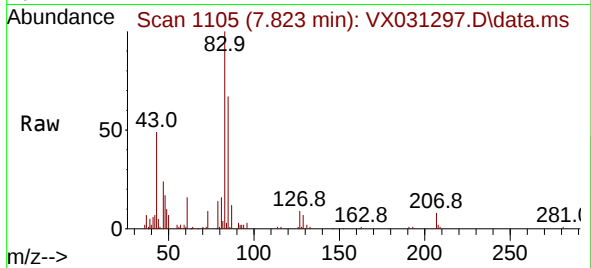
174 97.3 78.3 117.5





#47
Bromodichloromethane
Concen: 20.721 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

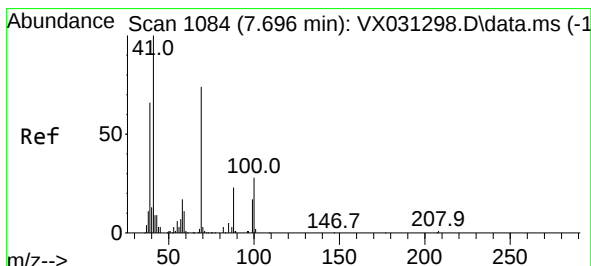
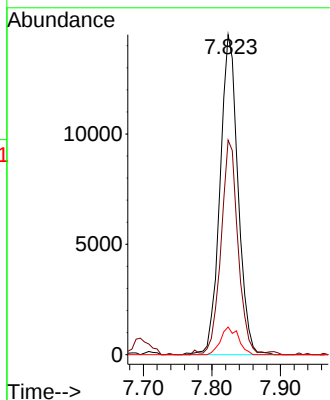
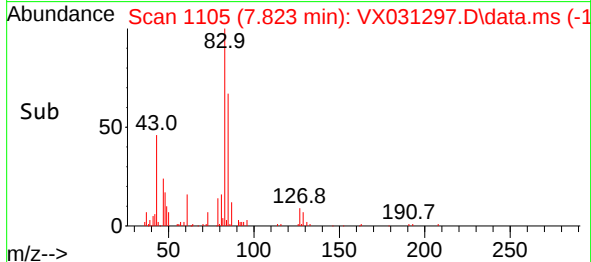
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



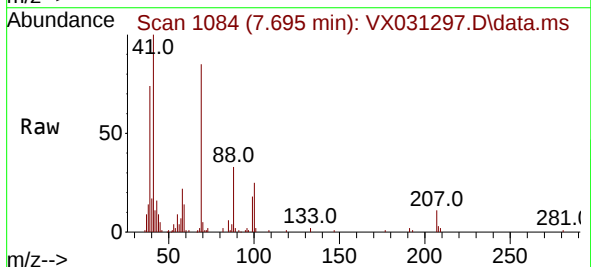
Tgt Ion: 83 Resp: 26330
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.2
127 8.6 7.3 10.9

Manual Integrations
APPROVED

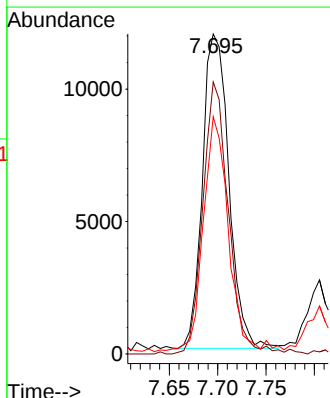
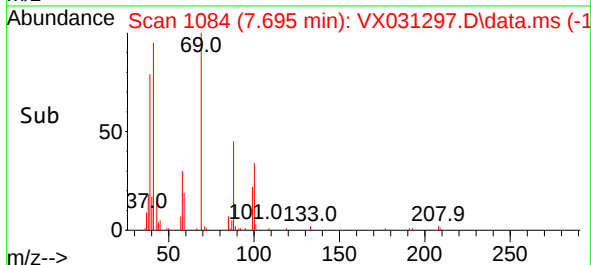
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

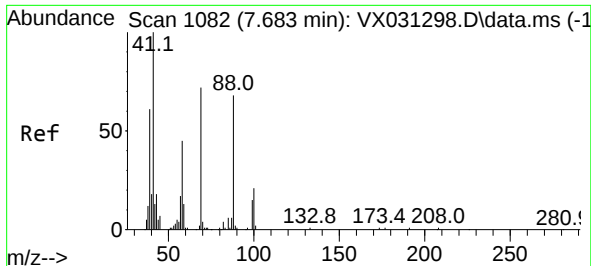


#48
Methyl methacrylate
Concen: 19.692 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 41 Resp: 22587
Ion Ratio Lower Upper
41 100
69 83.3 63.0 94.4
39 68.5 52.6 79.0





#49

1,4-Dioxane

Concen: 411.870 ug/l

RT: 7.695 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

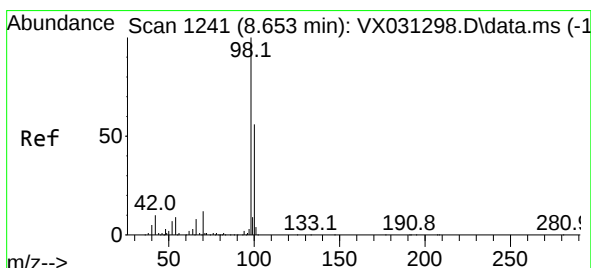
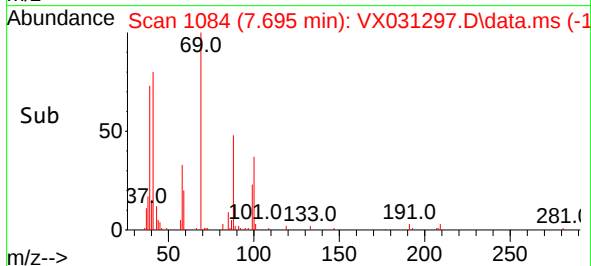
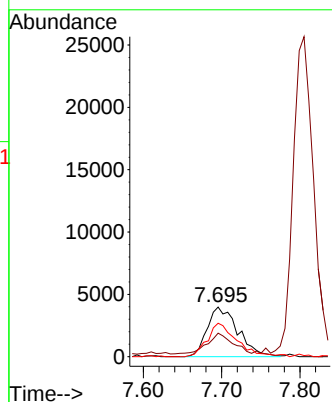
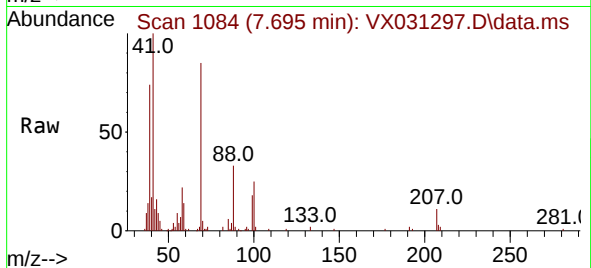
Tgt Ion: 88	Resp: 1085
Ion Ratio	Lower Upper
88 100	
43 33.2	27.2 40.8
58 65.0	52.0 78.0

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 21.988 ug/l

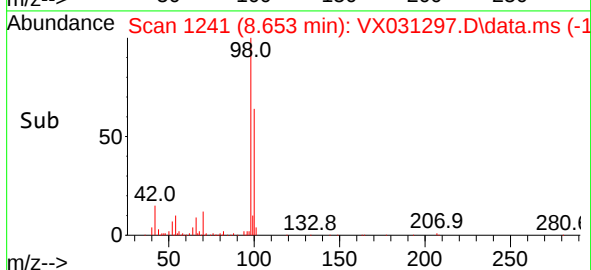
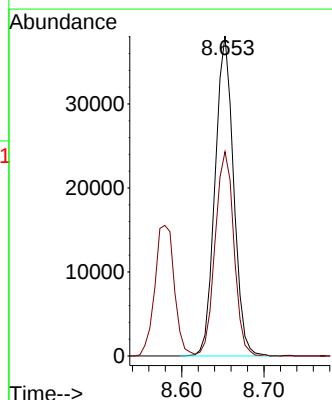
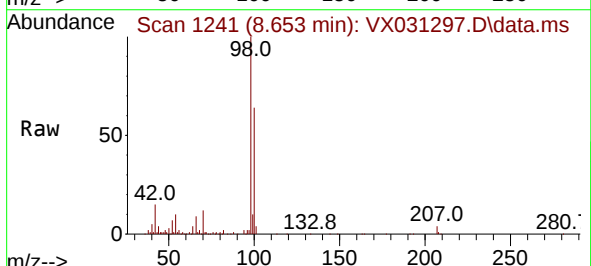
RT: 8.653 min Scan# 1241

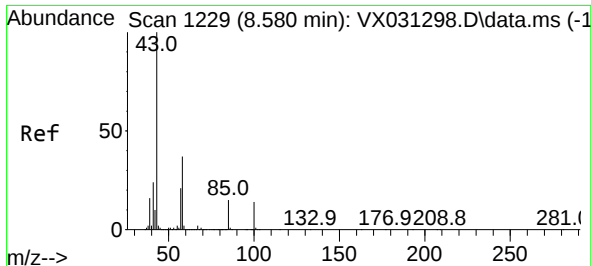
Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Tgt Ion: 98	Resp: 59464
Ion Ratio	Lower Upper
98 100	
100 64.7	52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 101.891 ug/l

RT: 8.579 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 187690

Ion Ratio Lower Upper

43 100

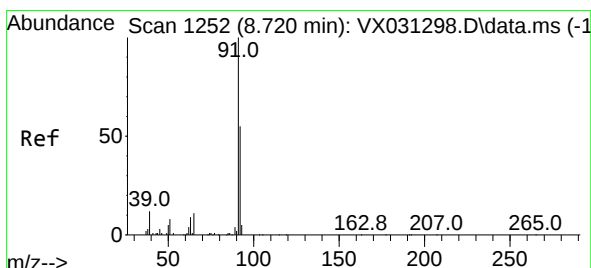
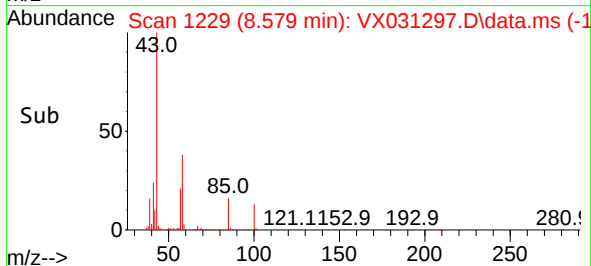
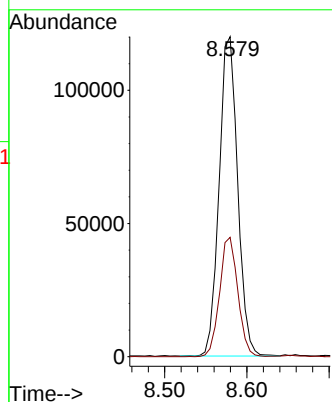
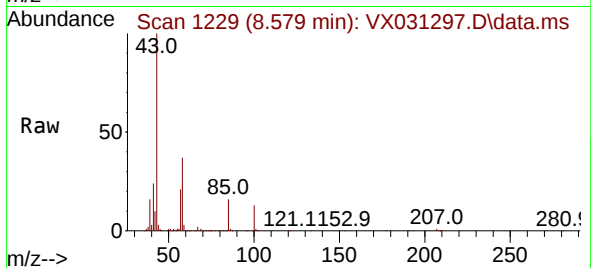
58 36.8 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#52

Toluene

Concen: 19.839 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031297.D

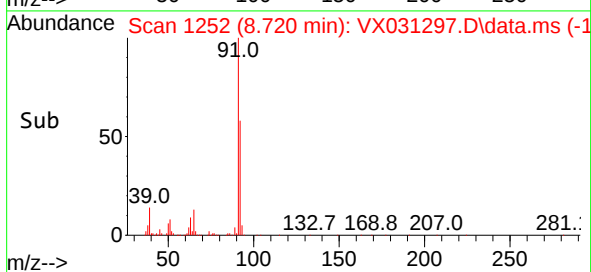
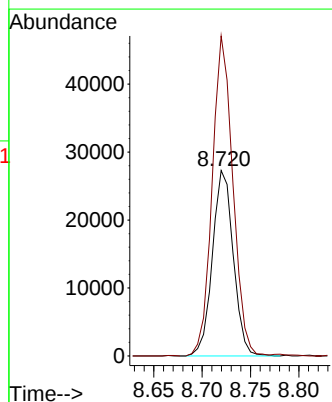
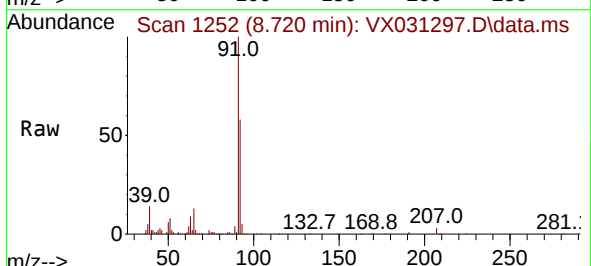
Acq: 13 Sep 2022 18:16

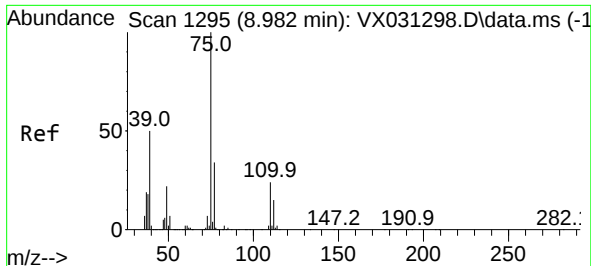
Tgt Ion: 92 Resp: 40951

Ion Ratio Lower Upper

92 100

91 170.9 143.3 214.9





#53

t-1,3-Dichloropropene

Concen: 19.582 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 75 Resp: 2888

Ion Ratio Lower Upper

75 100

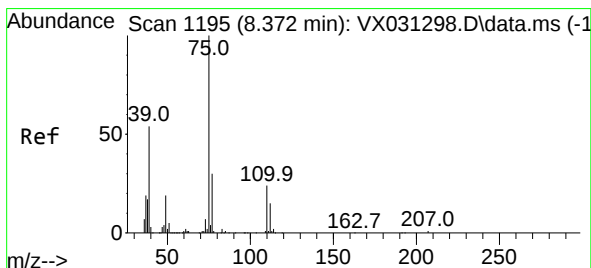
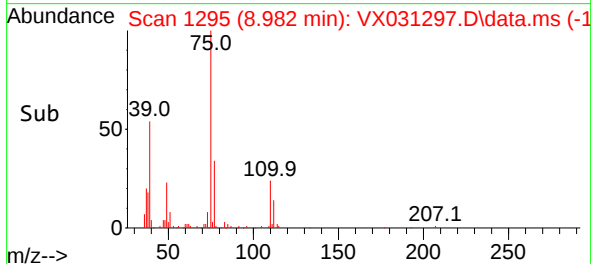
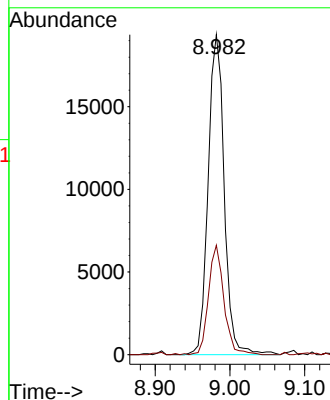
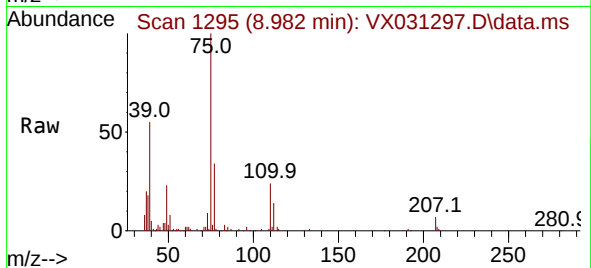
77 34.2 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#54

cis-1,3-Dichloropropene

Concen: 20.204 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

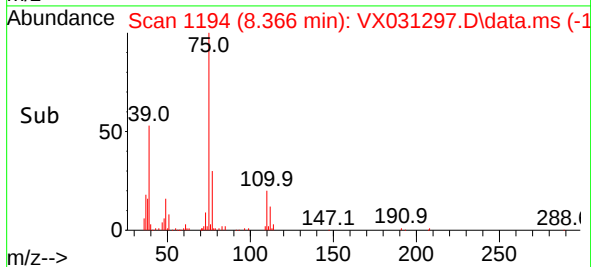
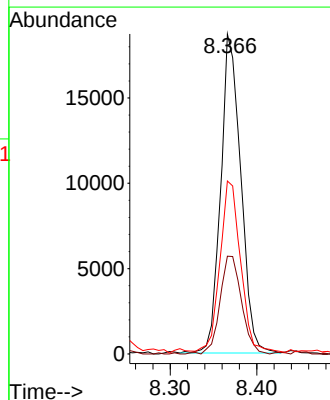
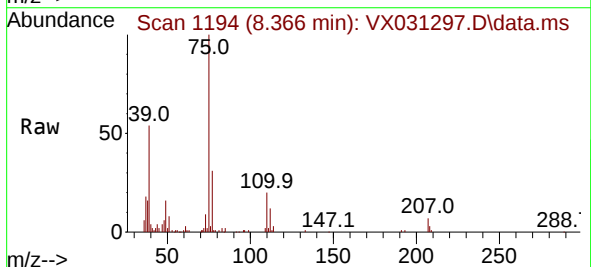
Tgt Ion: 75 Resp: 30190

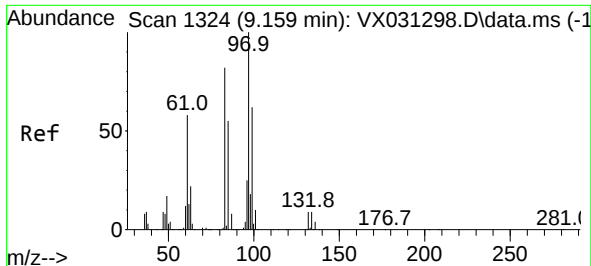
Ion Ratio Lower Upper

75 100

77 30.7 23.8 35.6

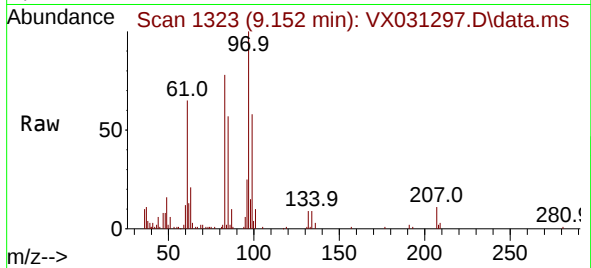
39 53.4 43.3 64.9





#55
1,1,2-Trichloroethane
Concen: 20.184 ug/l
RT: 9.152 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

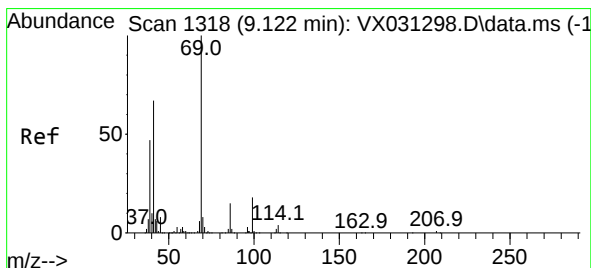
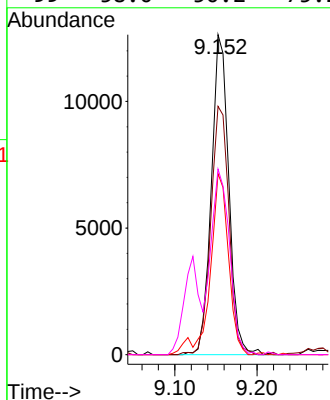
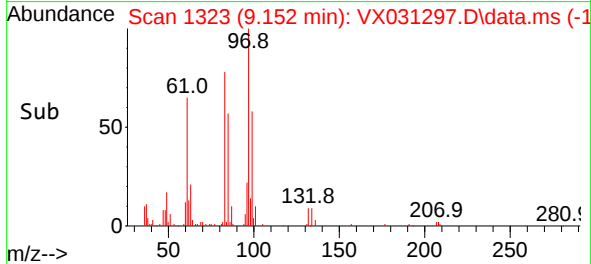
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 97 Resp: 1862
Ion Ratio Lower Upper
97 100
83 77.6 65.3 97.9
85 56.5 43.8 65.6
99 58.0 50.2 75.2

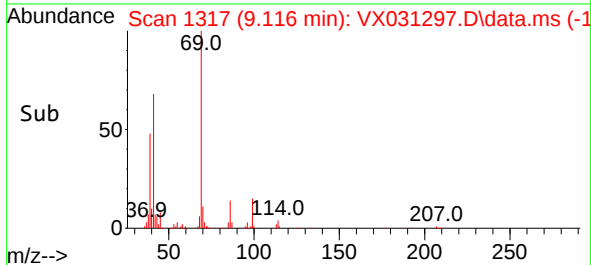
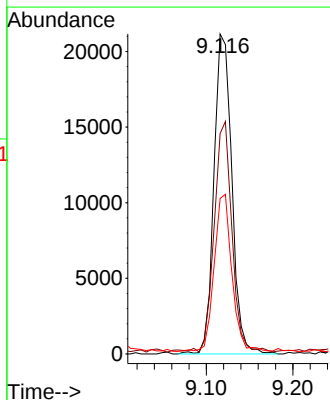
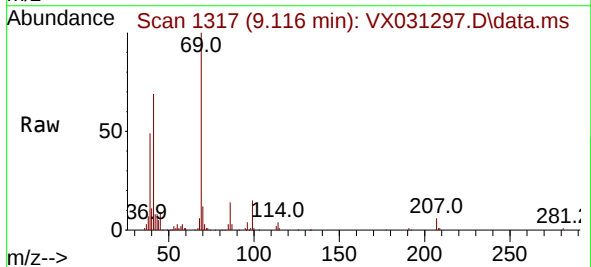
Manual Integrations
APPROVED

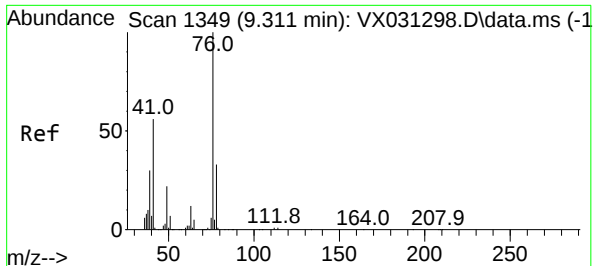
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#56
Ethyl methacrylate
Concen: 20.295 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 69 Resp: 30352
Ion Ratio Lower Upper
69 100
41 72.2 57.2 85.8
39 48.6 39.4 59.0





#57

1,3-Dichloropropane

Concen: 20.476 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 3060

Ion Ratio Lower Upper

76 100

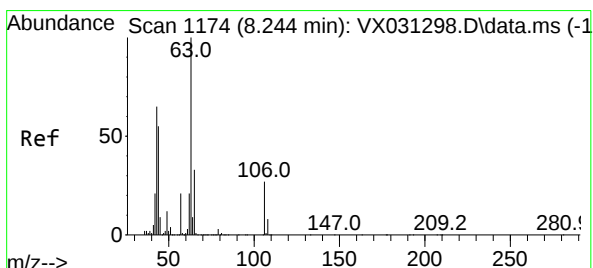
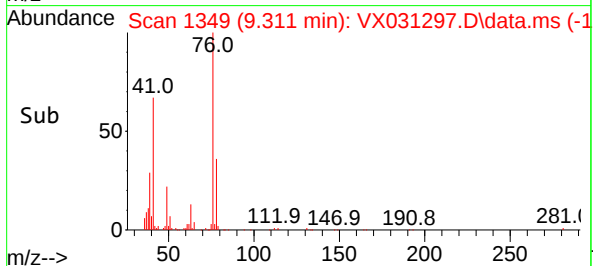
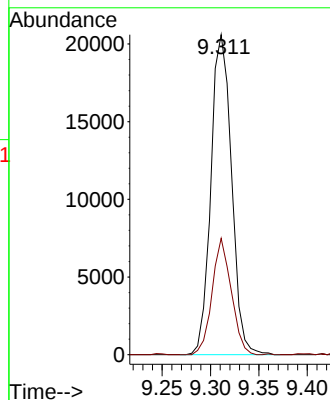
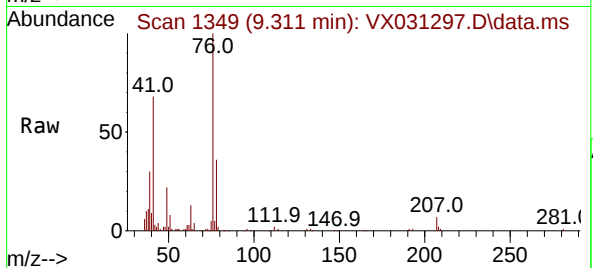
78 33.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.087 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX031297.D

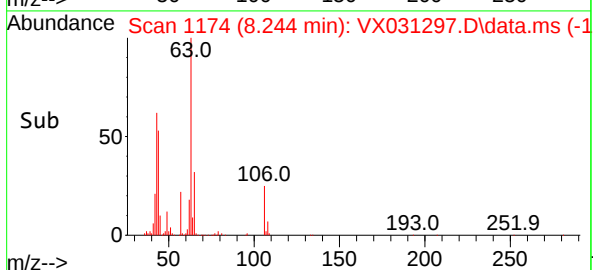
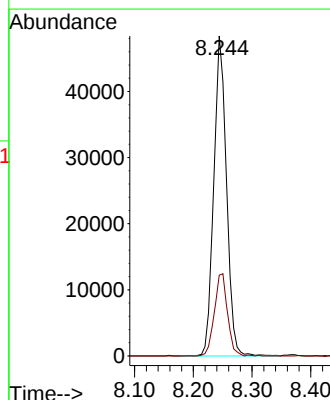
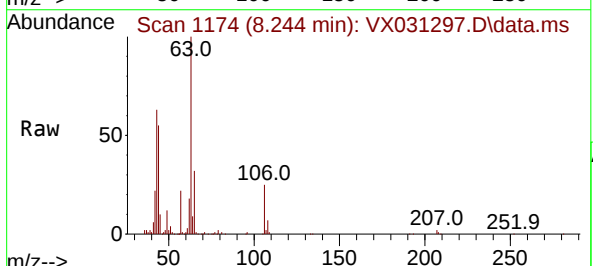
Acq: 13 Sep 2022 18:16

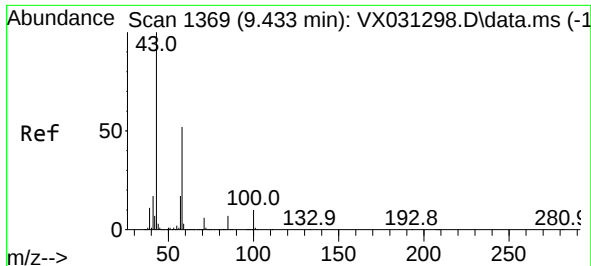
Tgt Ion: 63 Resp: 72729

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.6





#59

2-Hexanone

Concen: 102.430 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 14437

Ion Ratio Lower Upper

43 100

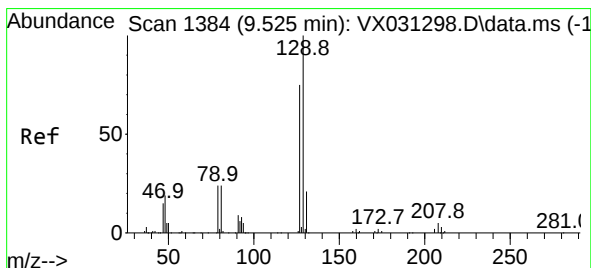
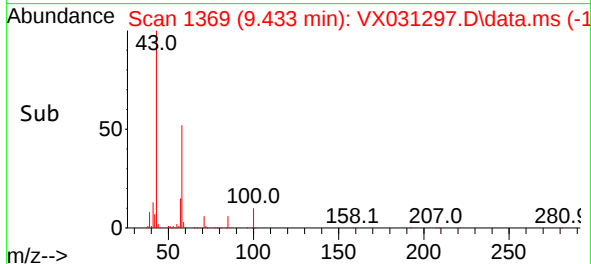
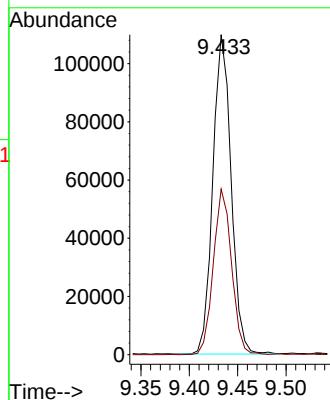
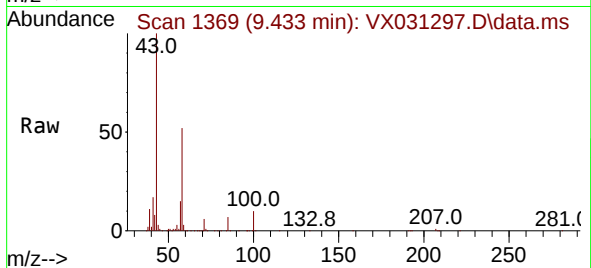
58 51.7 25.9 77.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#60

Dibromochloromethane

Concen: 19.962 ug/l

RT: 9.524 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX031297.D

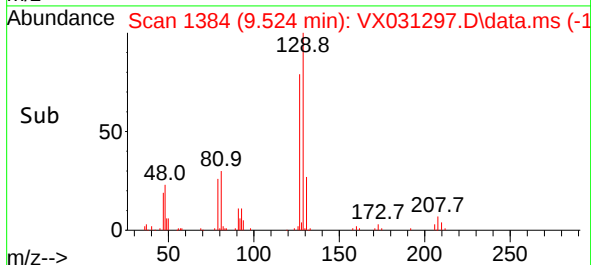
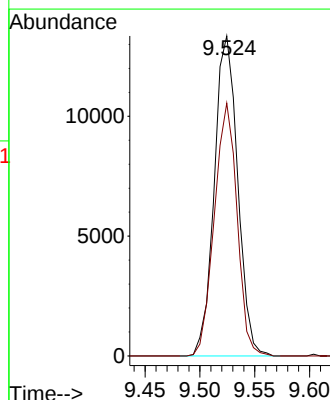
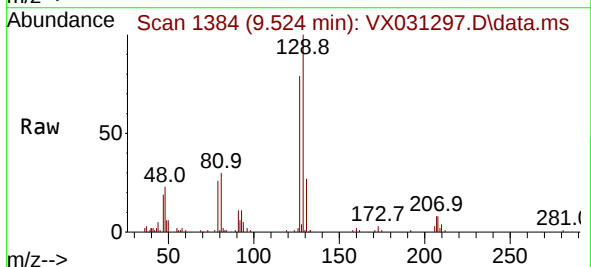
Acq: 13 Sep 2022 18:16

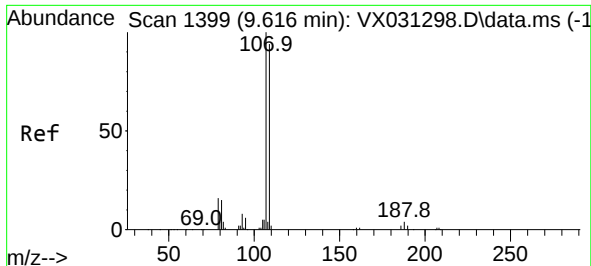
Tgt Ion:129 Resp: 19826

Ion Ratio Lower Upper

129 100

127 76.6 38.0 114.1





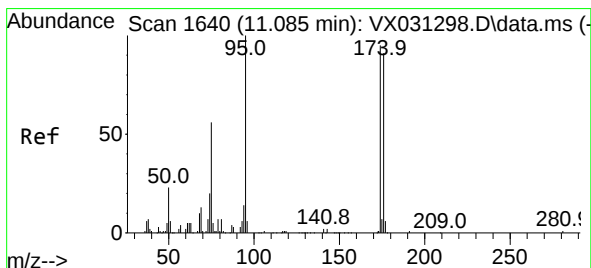
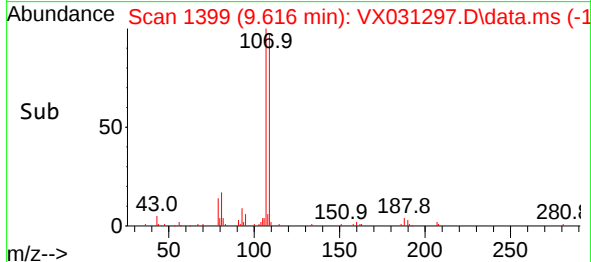
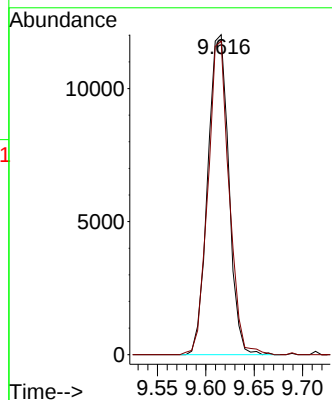
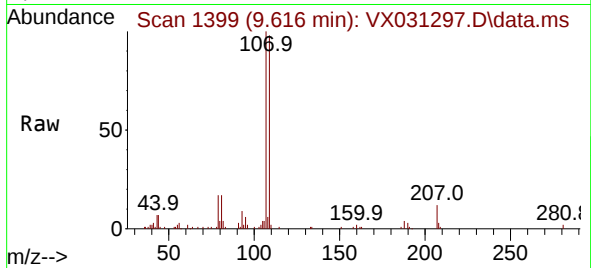
#61
1,2-Dibromoethane
Concen: 19.641 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 18225
Ion Ratio Lower Upper
107 100
109 98.4 79.1 118.7

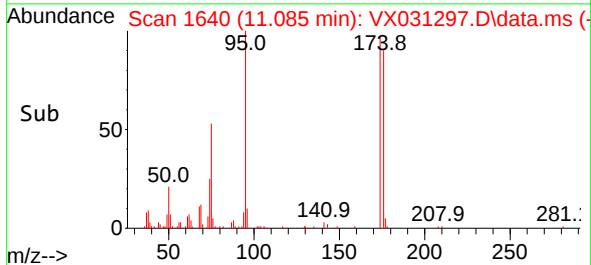
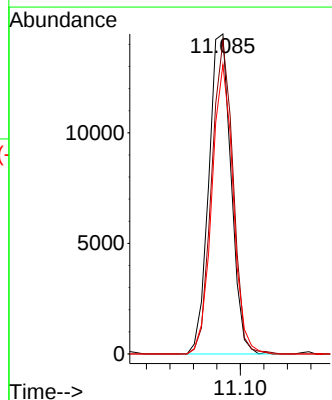
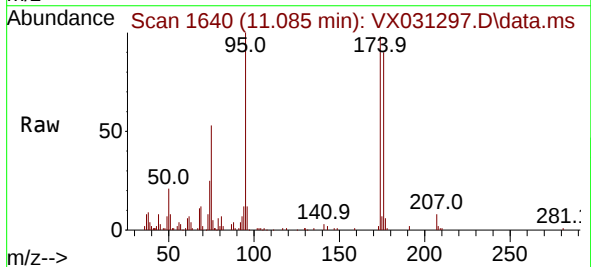
Manual Integrations
APPROVED

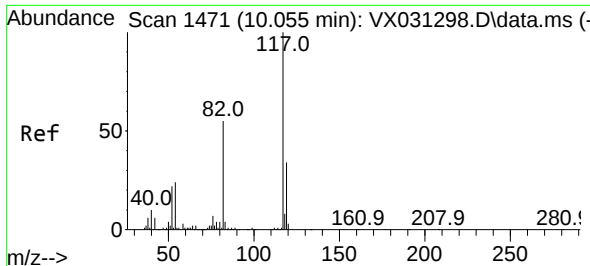
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#62
4-Bromofluorobenzene
Concen: 20.135 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

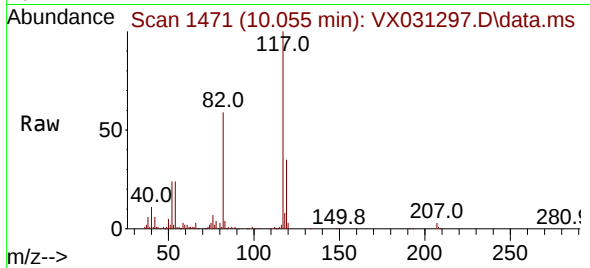
Tgt Ion: 95 Resp: 19068
Ion Ratio Lower Upper
95 100
174 93.8 0.0 179.8
176 86.7 0.0 177.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

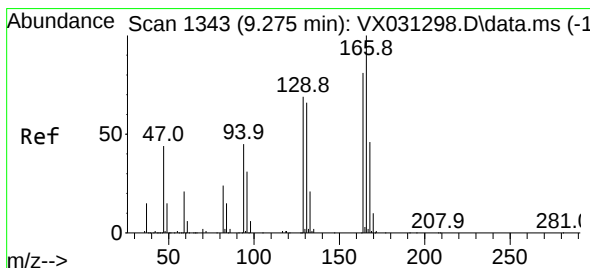
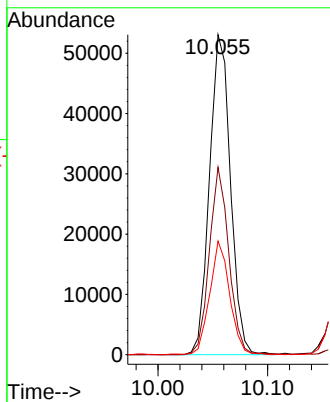
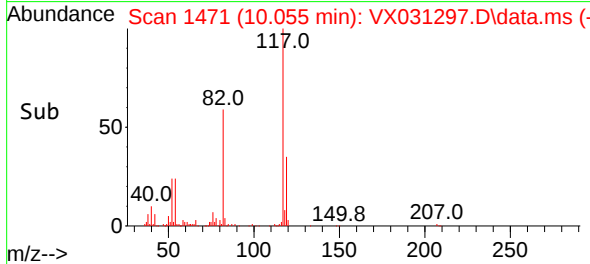
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 70579
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.4
119 35.4 27.0 40.4

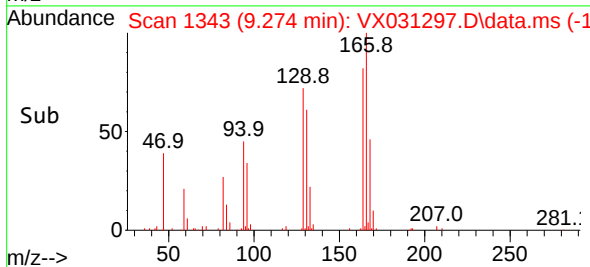
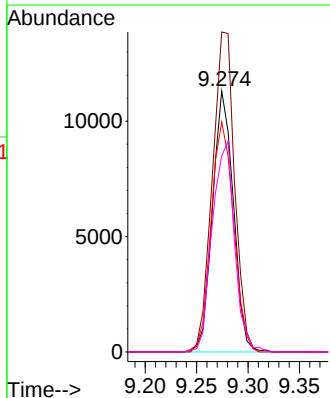
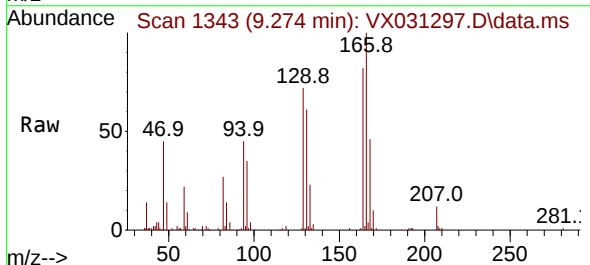
Manual Integrations
APPROVED

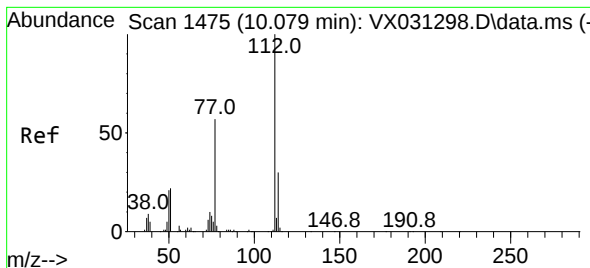
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#64
Tetrachloroethene
Concen: 19.691 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

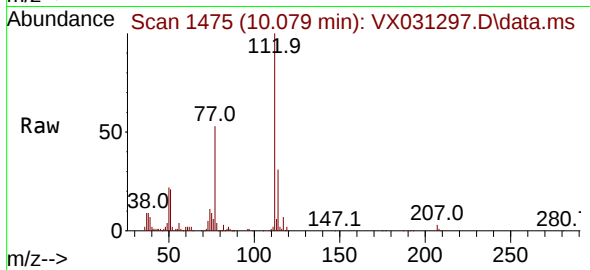
Tgt Ion:164 Resp: 15853
Ion Ratio Lower Upper
164 100
166 122.6 99.0 148.6
129 88.1 67.8 101.8
131 75.2 65.6 98.4





#65
Chlorobenzene
Concen: 20.284 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

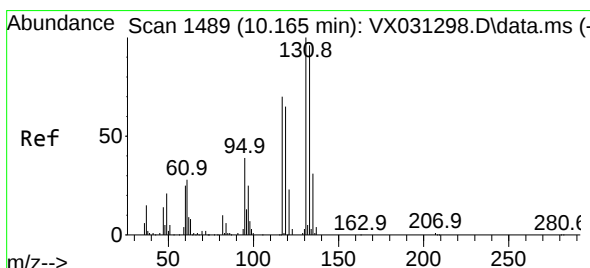
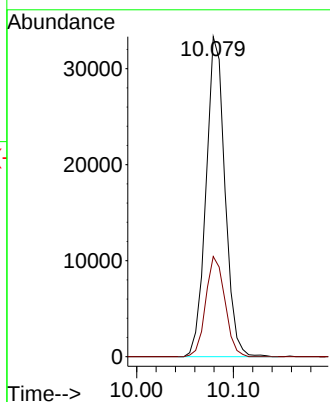
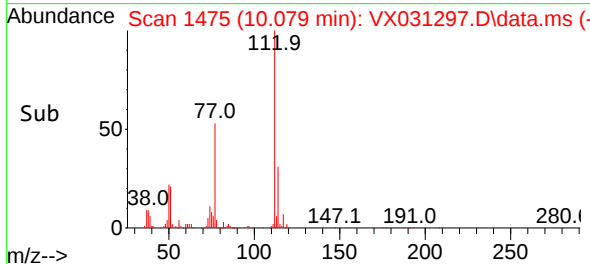
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



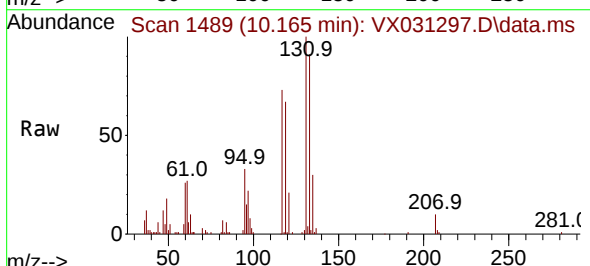
Tgt Ion:112 Resp: 45275
Ion Ratio Lower Upper
112 100
114 31.3 23.7 35.5

Manual Integrations
APPROVED

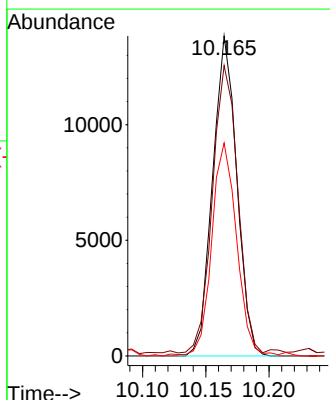
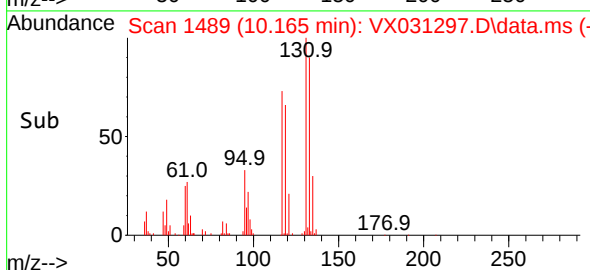
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

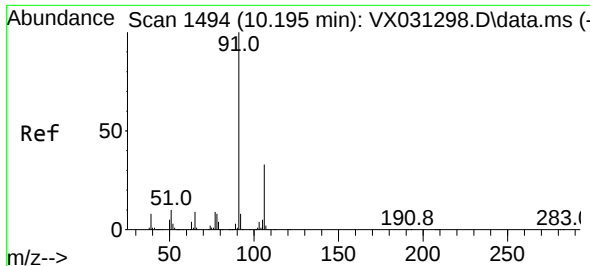


#66
1,1,1,2-Tetrachloroethane
Concen: 20.881 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



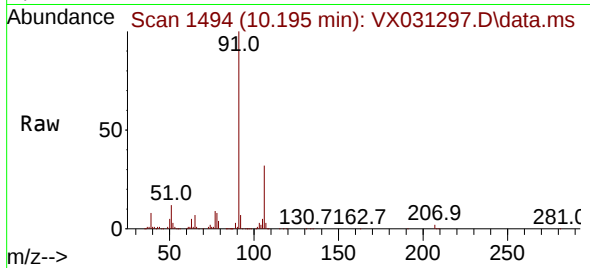
Tgt Ion:131 Resp: 18374
Ion Ratio Lower Upper
131 100
133 94.0 50.5 151.5
119 69.1 34.8 104.5





#67
Ethyl Benzene
Concen: 19.650 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

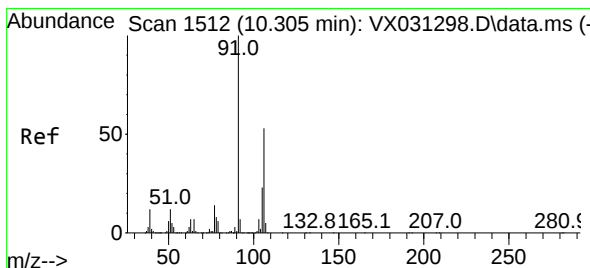
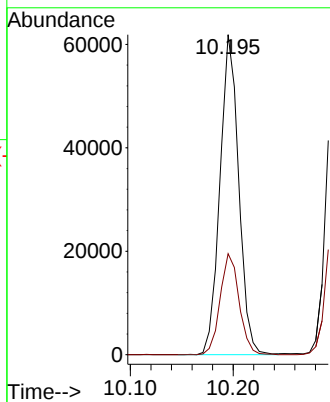
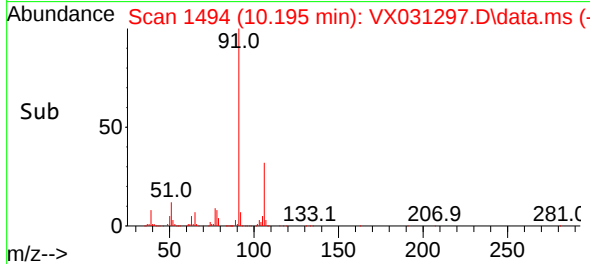
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



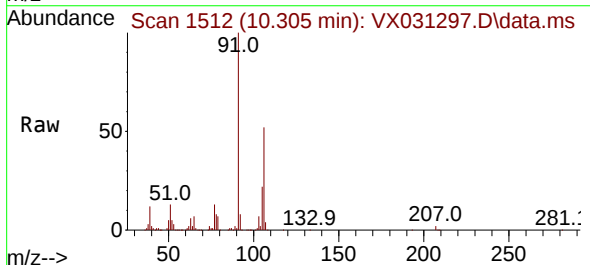
Tgt Ion: 91 Resp: 78190
Ion Ratio Lower Upper
91 100
106 31.6 26.7 40.1

Manual Integrations
APPROVED

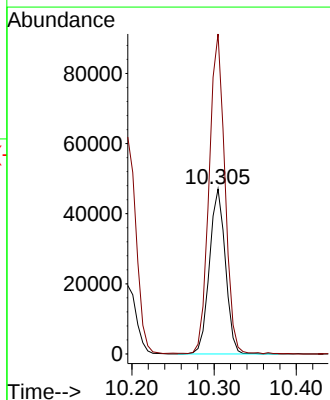
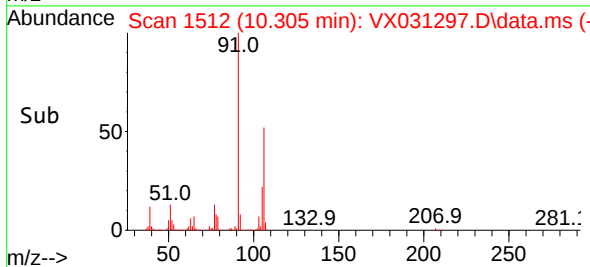
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

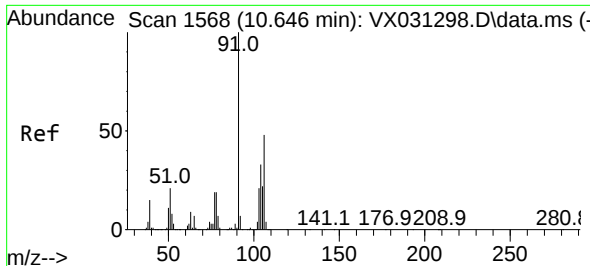


#68
m/p-Xylenes
Concen: 39.356 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



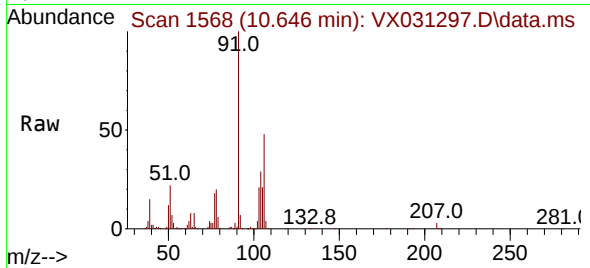
Tgt Ion:106 Resp: 63291
Ion Ratio Lower Upper
106 100
91 193.1 153.4 230.0





#69
o-Xylene
Concen: 19.877 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

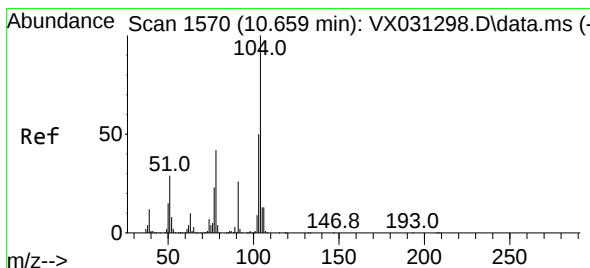
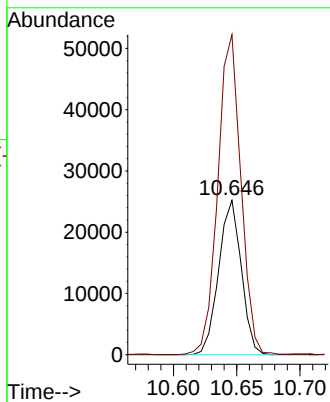
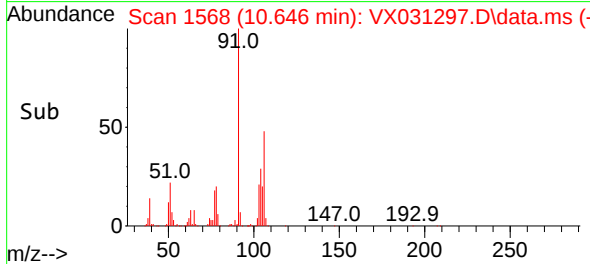
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 3129
Ion Ratio Lower Upper
106 100
91 212.0 104.4 313.1

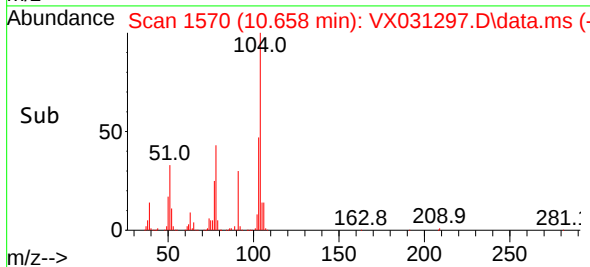
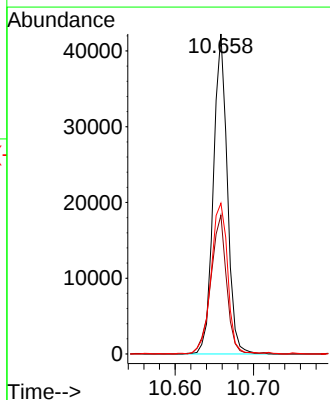
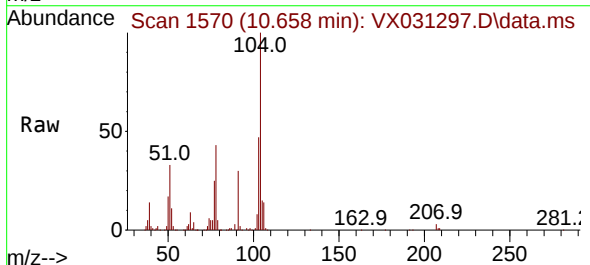
Manual Integrations
APPROVED

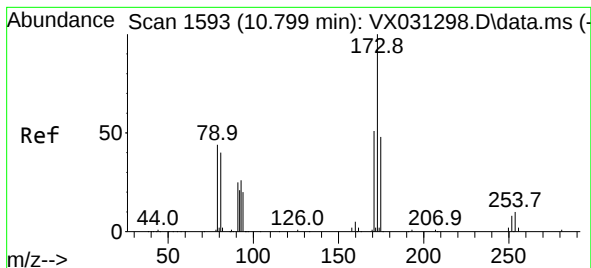
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 19.753 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion:104 Resp: 52221
Ion Ratio Lower Upper
104 100
78 49.0 38.1 57.1
103 56.5 44.3 66.5





#71

Bromoform

Concen: 20.257 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

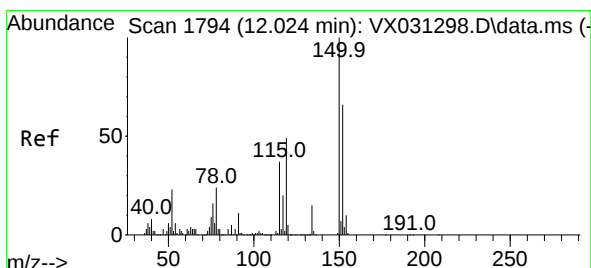
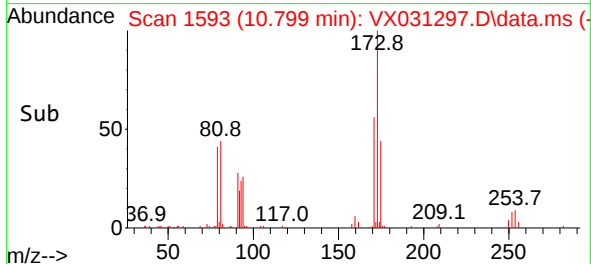
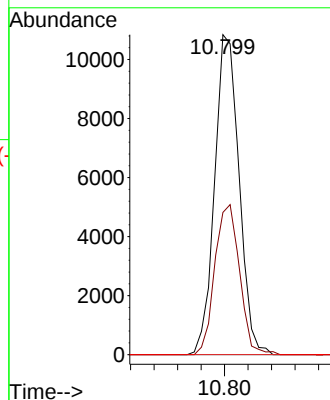
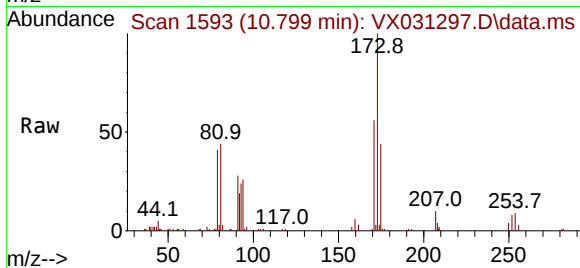
Tgt Ion:	173	Resp:	1566
Ion Ratio	Lower	Upper	
173	100		
175	47.5	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

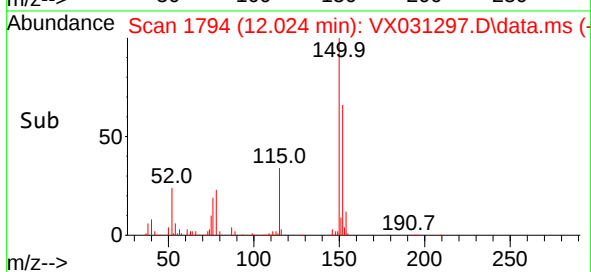
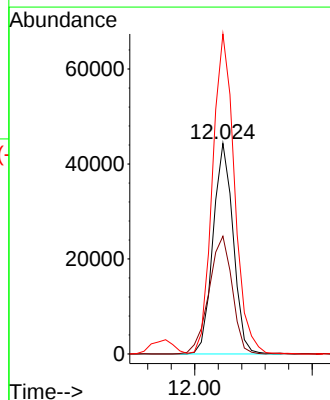
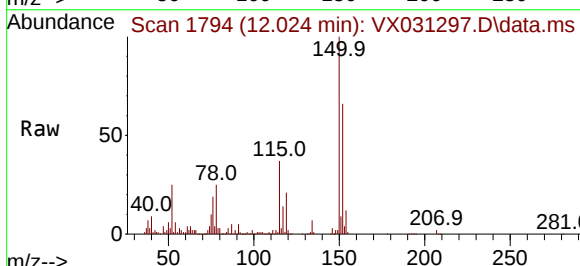
RT: 12.024 min Scan# 1794

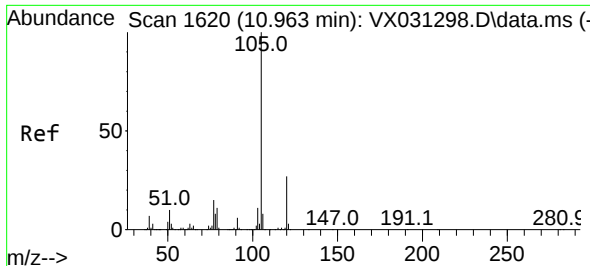
Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

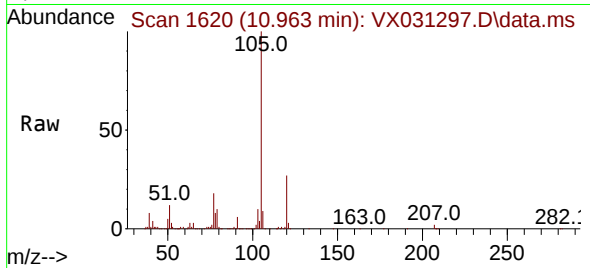
Tgt Ion:	152	Resp:	52736
Ion Ratio	Lower	Upper	
152	100		
115	64.3	39.8	119.3
150	166.0	0.0	347.6





#73
Isopropylbenzene
Concen: 19.719 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

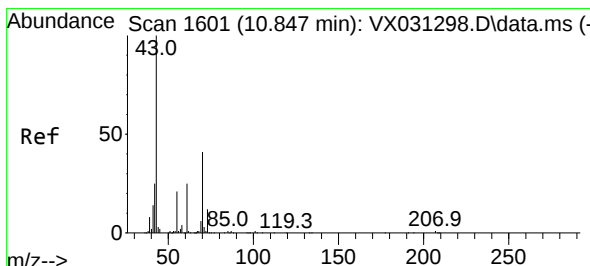
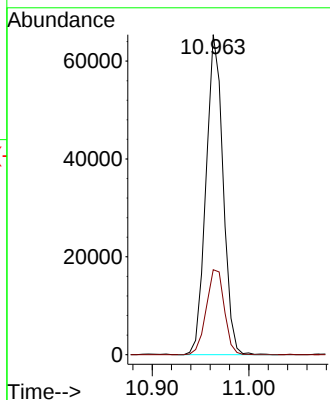
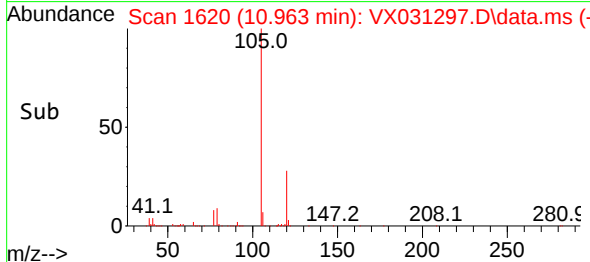
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 80300
Ion Ratio Lower Upper
105 100
120 28.1 13.6 40.7

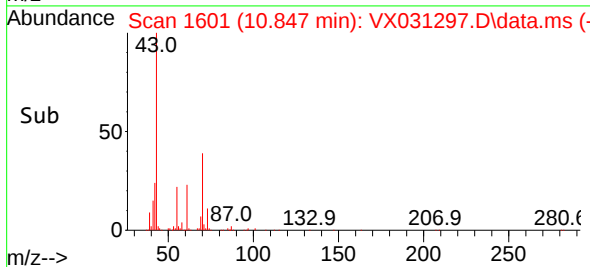
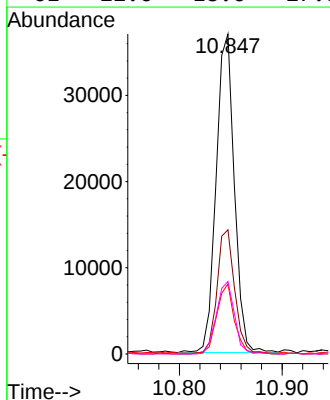
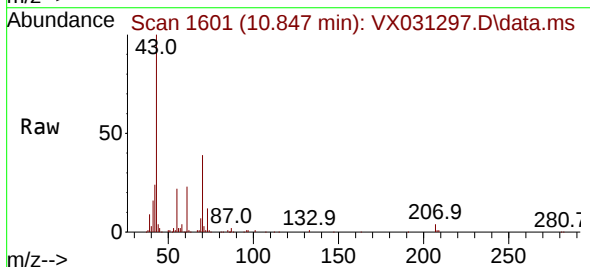
Manual Integrations
APPROVED

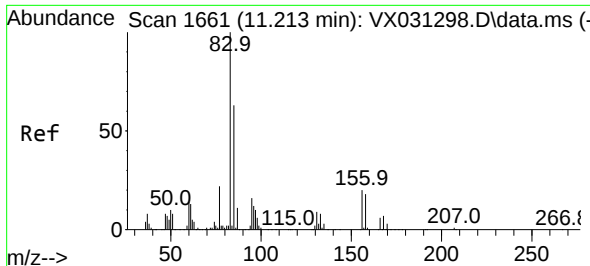
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#74
N-ethyl acetate
Concen: 19.444 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

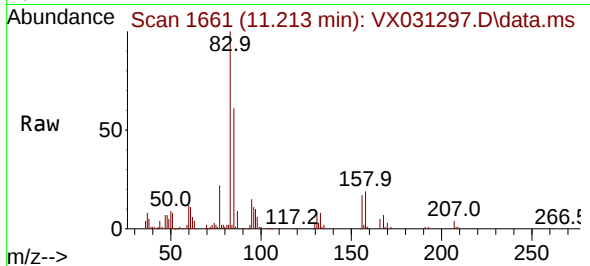
Tgt Ion: 43 Resp: 45411
Ion Ratio Lower Upper
43 100
70 38.1 30.5 45.7
55 20.6 16.6 25.0
61 22.6 18.6 27.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.246 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

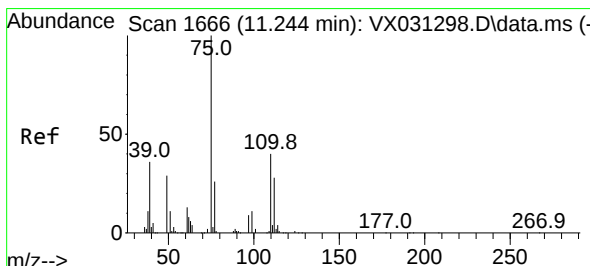
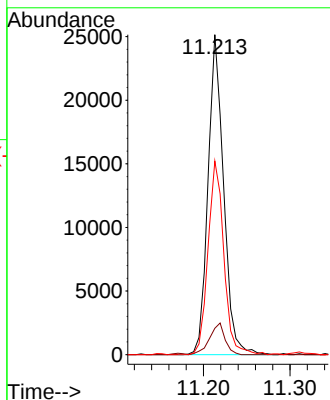
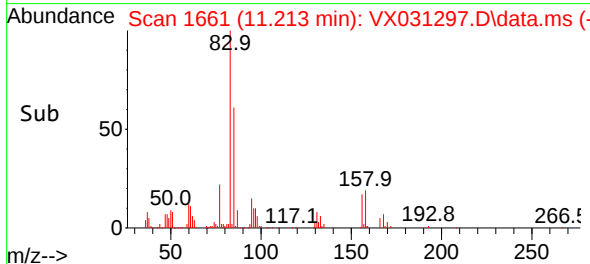
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 31468
Ion Ratio Lower Upper
83 100
131 9.7 4.5 13.7
85 61.5 32.2 96.6

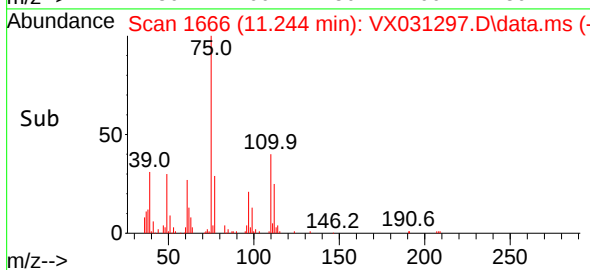
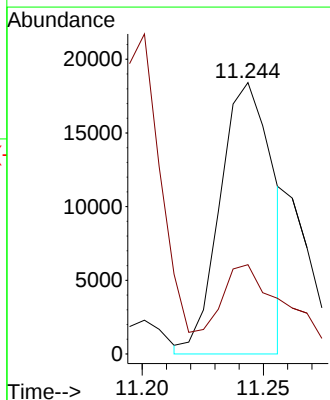
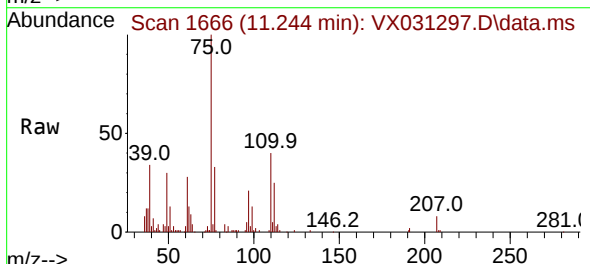
Manual Integrations
APPROVED

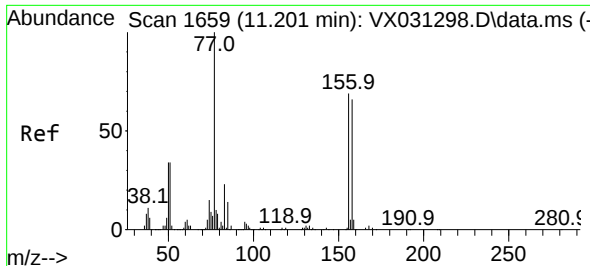
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#76
1,2,3-Trichloropropane
Concen: 20.172 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Tgt Ion: 75 Resp: 27698
Ion Ratio Lower Upper
75 100
77 39.2 20.6 61.9





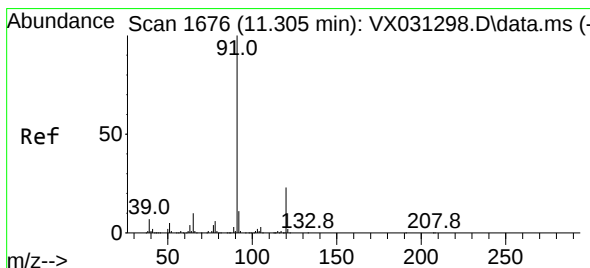
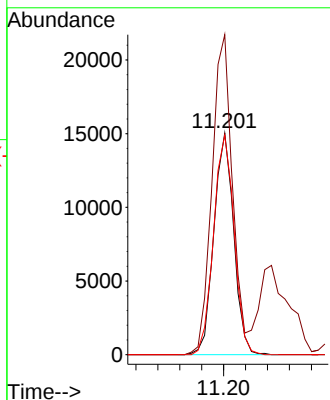
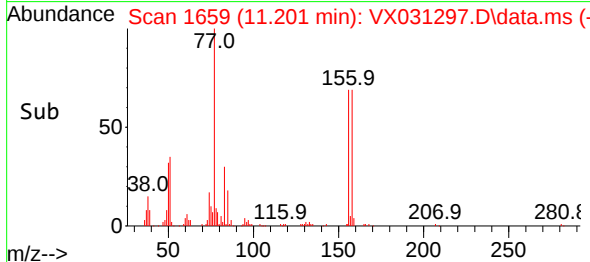
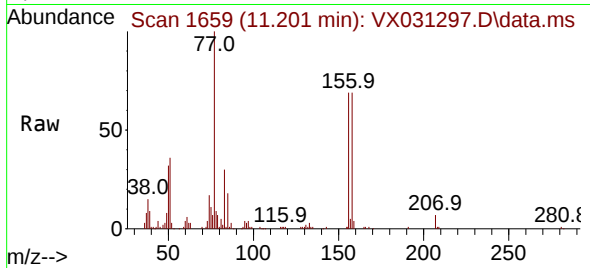
#77
Bromobenzene
Concen: 18.871 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 18910
Ion Ratio Lower Upper
156 100
77 147.7 73.0 218.9
158 102.9 45.7 137.1

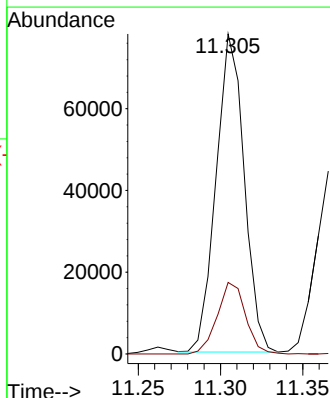
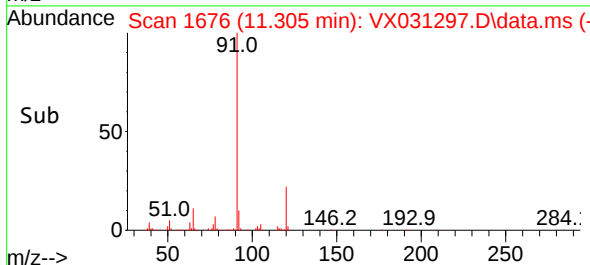
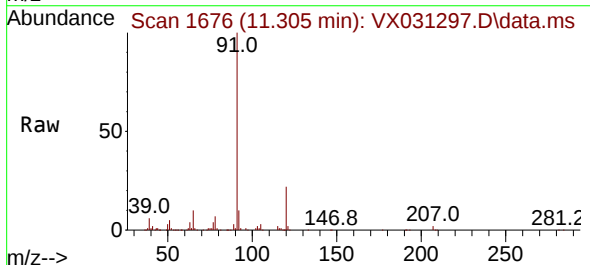
Manual Integrations
APPROVED

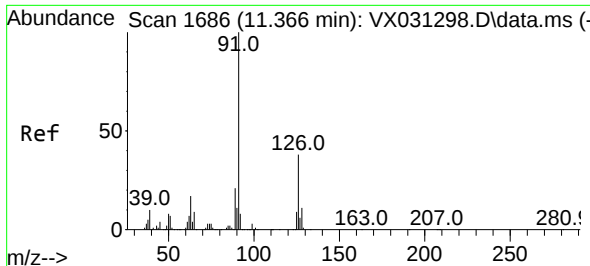
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#78
n-propylbenzene
Concen: 19.494 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

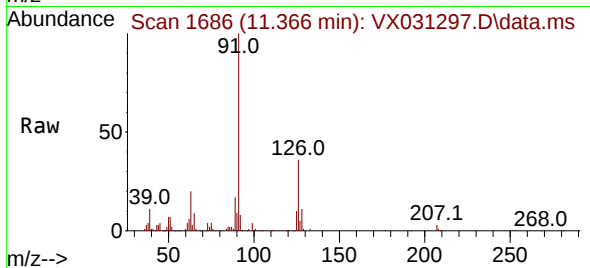
Tgt Ion: 91 Resp: 92399
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.3





#79
2-Chlorotoluene
Concen: 19.237 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

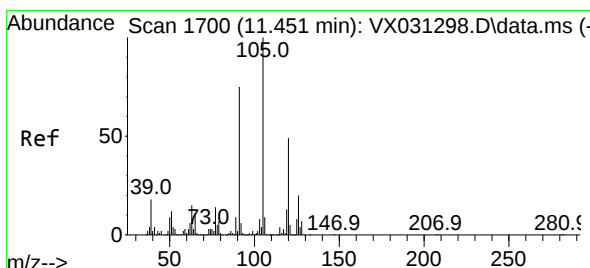
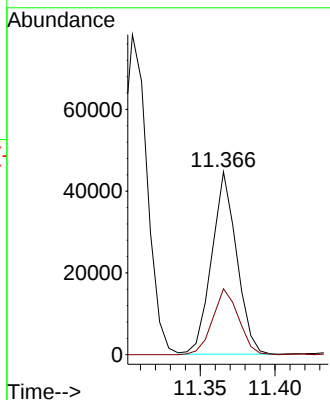
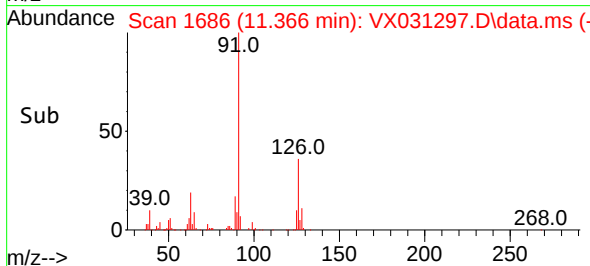
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



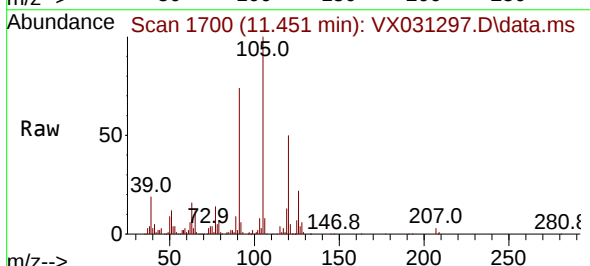
Tgt Ion: 91 Resp: 51907
Ion Ratio Lower Upper
91 100
126 37.6 18.9 56.9

Manual Integrations
APPROVED

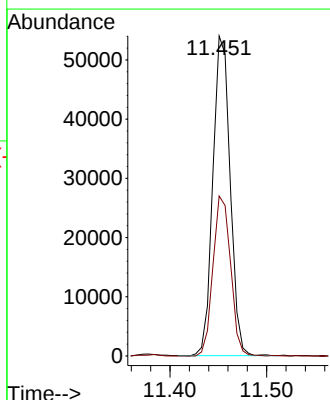
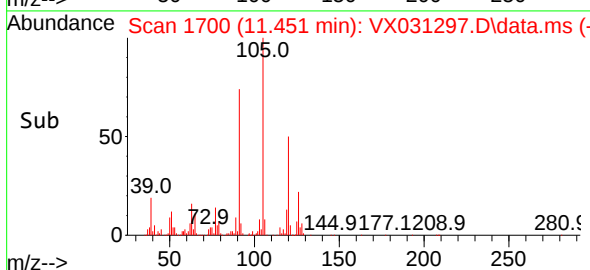
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

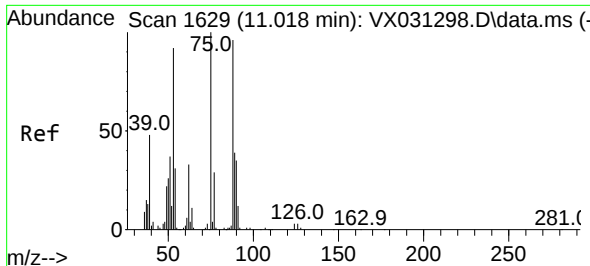


#80
1,3,5-Trimethylbenzene
Concen: 19.493 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion:105 Resp: 66805
Ion Ratio Lower Upper
105 100
120 51.1 25.3 75.9





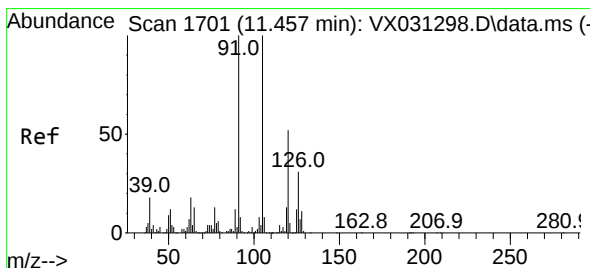
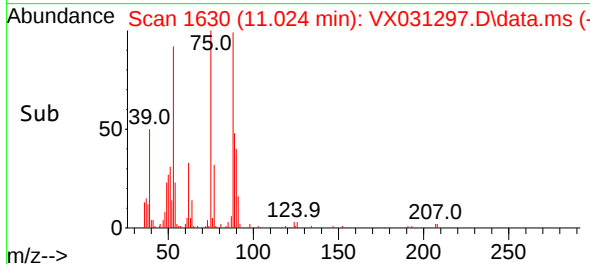
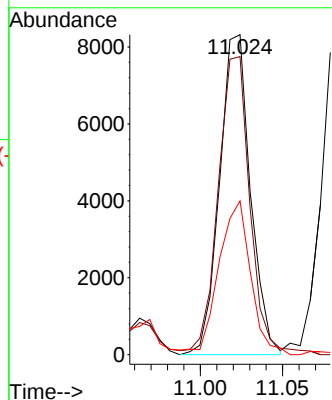
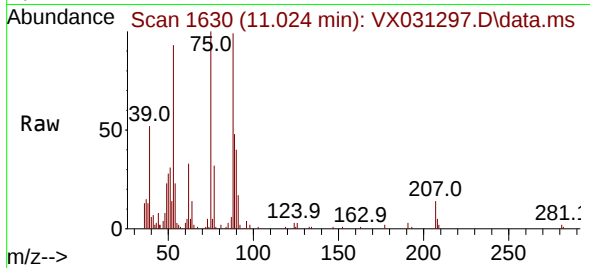
#81
trans-1,4-Dichloro-2-butene
Concen: 18.795 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 10835
Ion Ratio Lower Upper
75 100
53 96.4 73.4 110.2
89 49.5 33.6 50.4

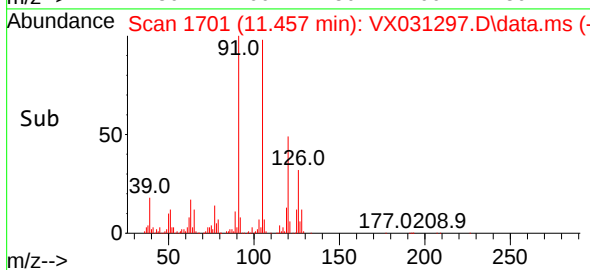
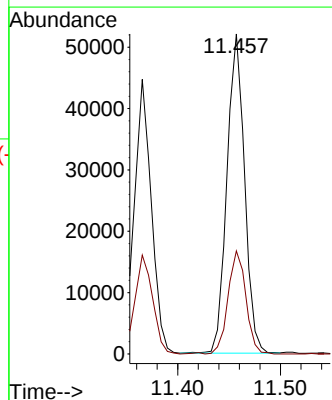
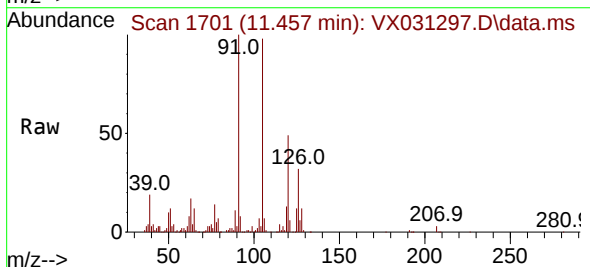
Manual Integrations
APPROVED

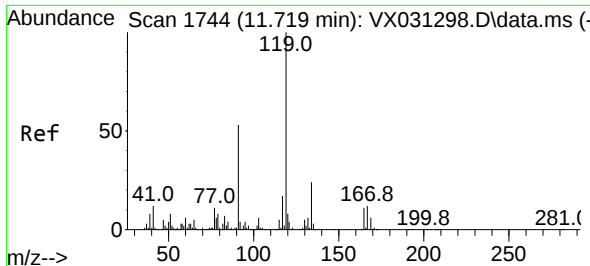
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 19.693 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

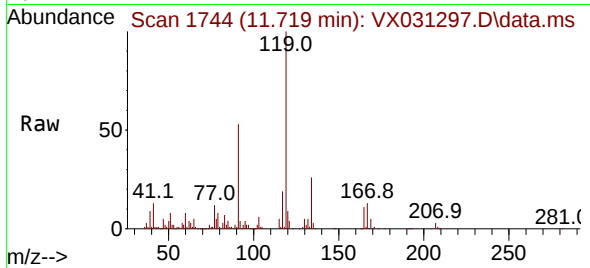
Tgt Ion: 91 Resp: 61793
Ion Ratio Lower Upper
91 100
126 32.9 15.5 46.5





#83
tert-Butylbenzene
Concen: 20.038 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

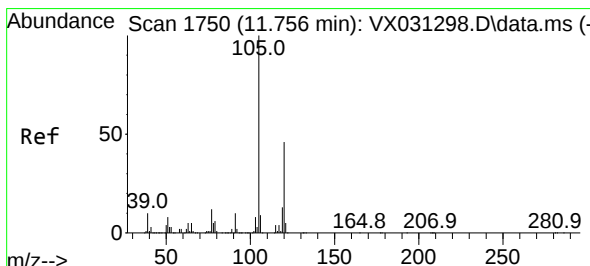
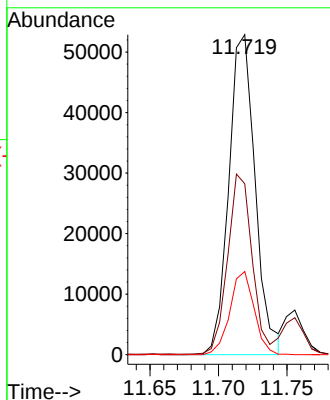
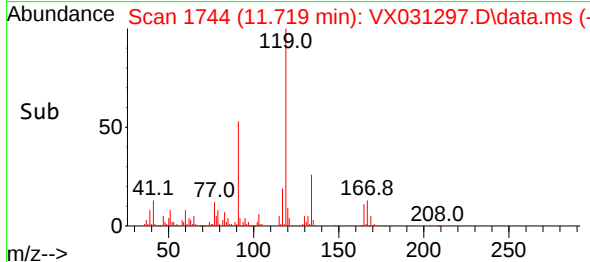
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



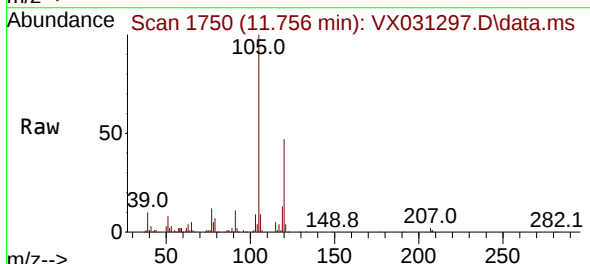
Tgt Ion:119 Resp: 70978
Ion Ratio Lower Upper
119 100
91 52.2 27.2 81.5
134 23.9 11.7 35.1

Manual Integrations
APPROVED

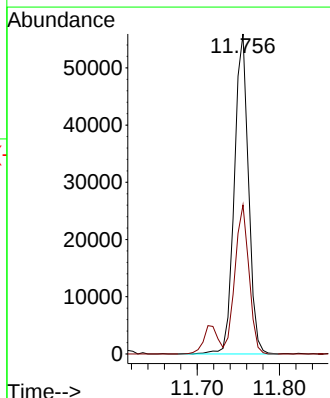
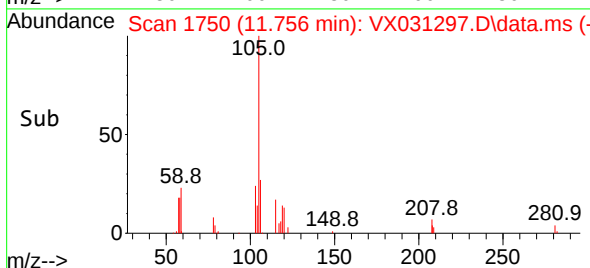
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

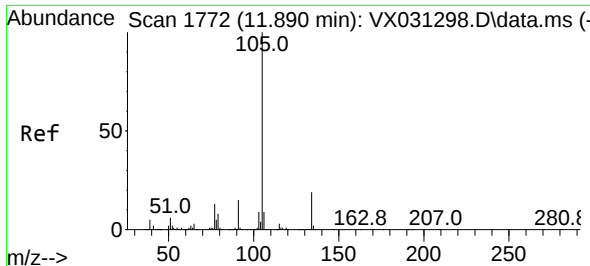


#84
1,2,4-Trimethylbenzene
Concen: 19.862 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



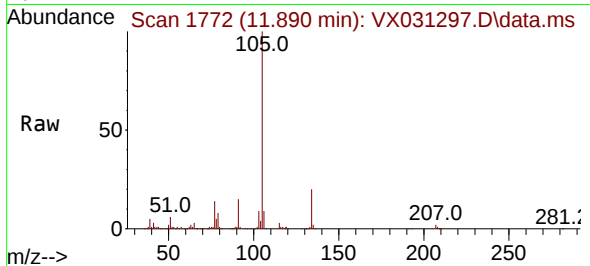
Tgt Ion:105 Resp: 66953
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 19.850 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031297.D
 Acq: 13 Sep 2022 18:16

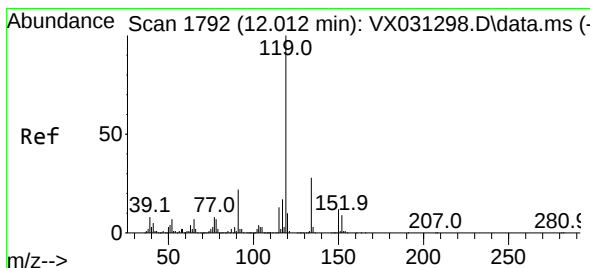
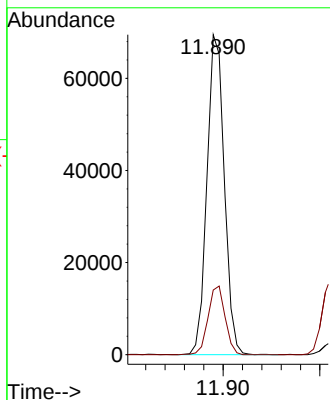
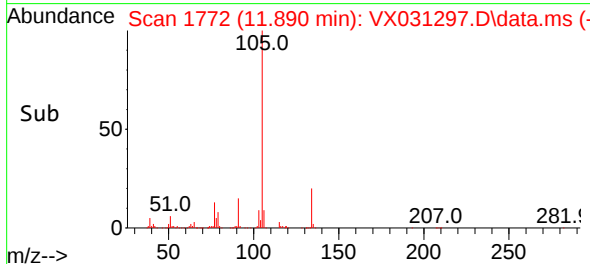
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



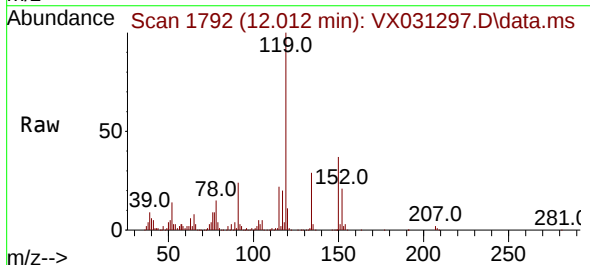
Tgt Ion:105 Resp: 86679
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2

Manual Integrations
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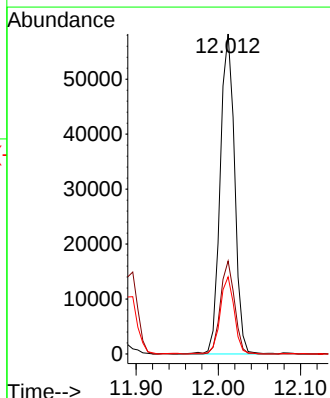
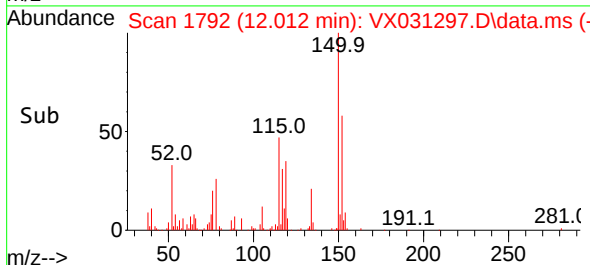
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

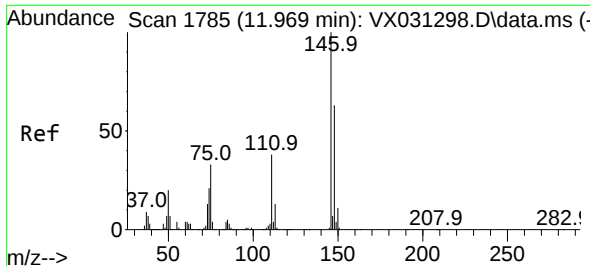


#86
 p-Isopropyltoluene
 Concen: 19.432 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031297.D
 Acq: 13 Sep 2022 18:16



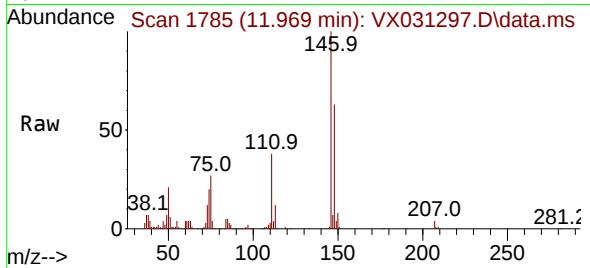
Tgt Ion:119 Resp: 71121
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.8 41.4
 91 23.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.350 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

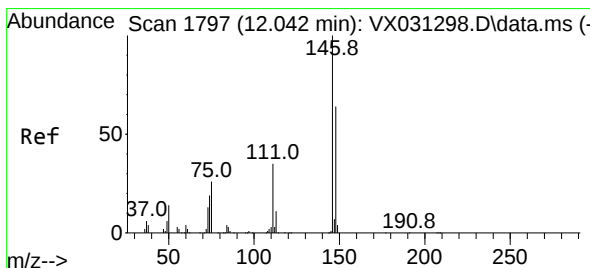
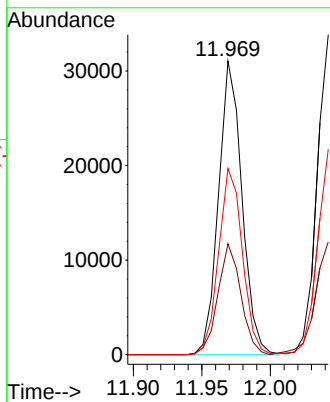
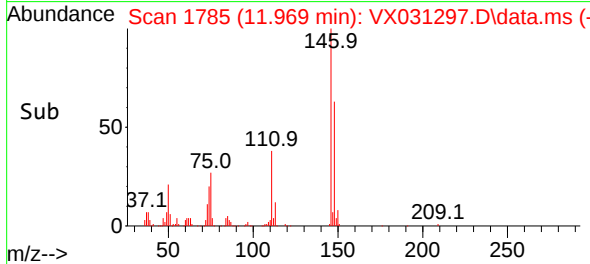
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:146 Resp: 36878
Ion Ratio Lower Upper
146 100
111 37.1 18.8 56.3
148 64.6 31.9 95.5

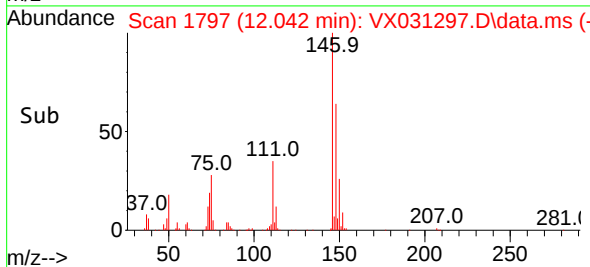
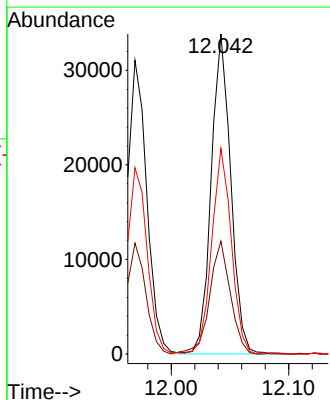
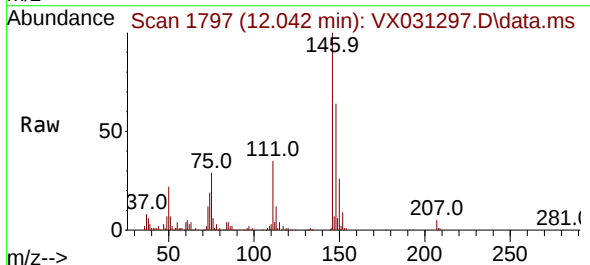
Manual Integrations
APPROVED

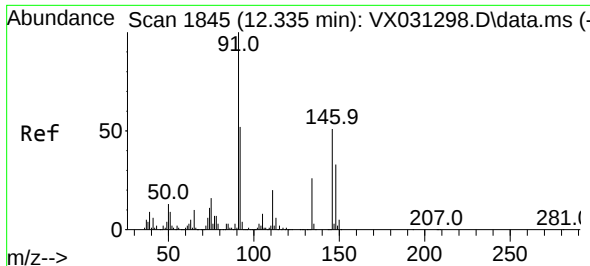
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#88
1,4-Dichlorobenzene
Concen: 19.860 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

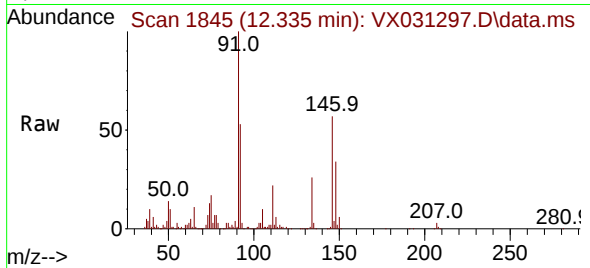
Tgt Ion:146 Resp: 39077
Ion Ratio Lower Upper
146 100
111 37.4 18.0 54.0
148 63.6 31.4 94.2





#89
n-Butylbenzene
Concen: 19.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

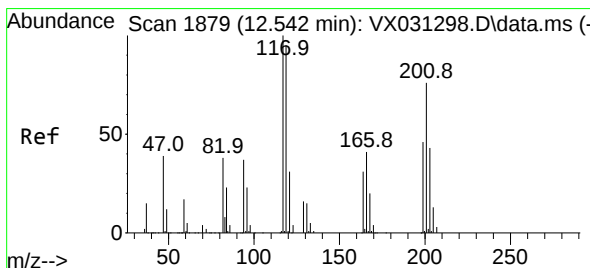
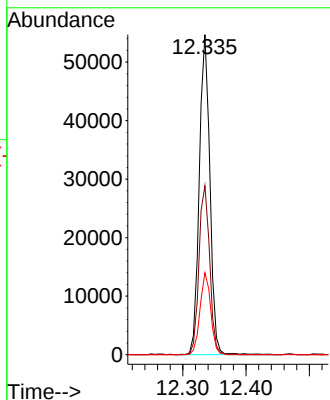
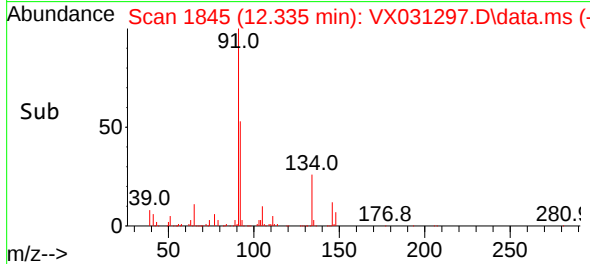
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 63870
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.1
134 25.8 13.0 38.9

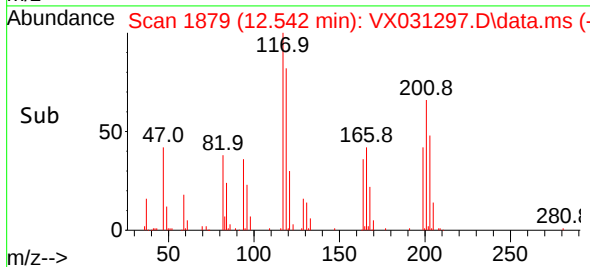
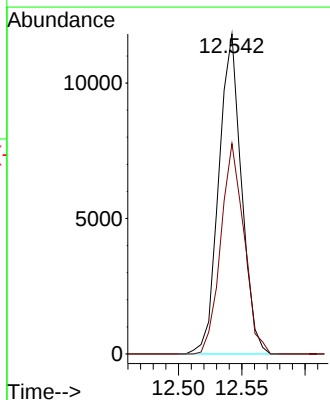
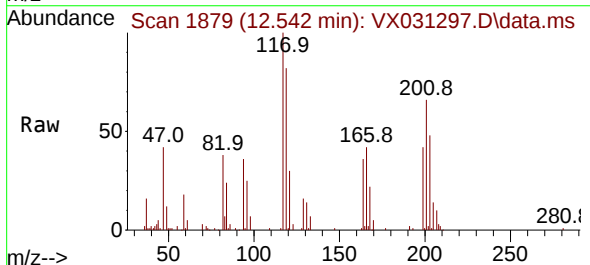
Manual Integrations
APPROVED

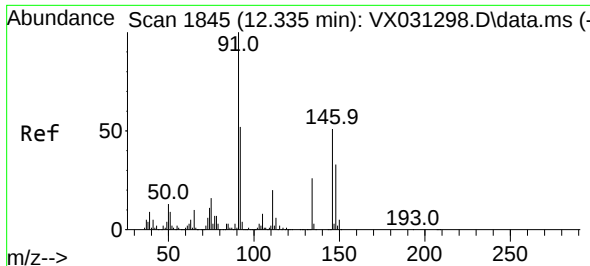
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 19.824 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

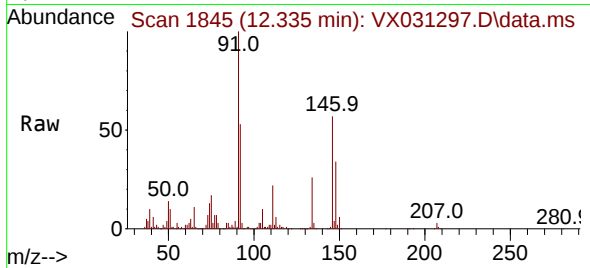
Tgt Ion:117 Resp: 14682
Ion Ratio Lower Upper
117 100
201 67.6 34.6 103.9





#91
1,2-Dichlorobenzene
Concen: 19.831 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16

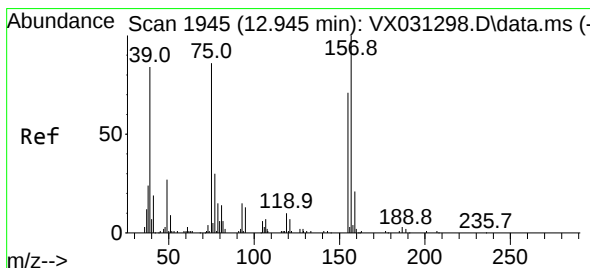
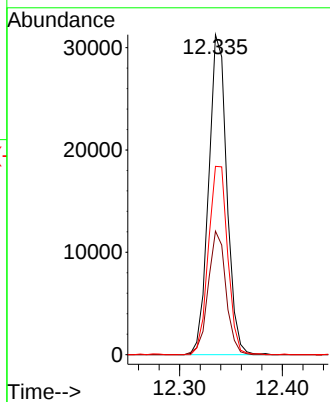
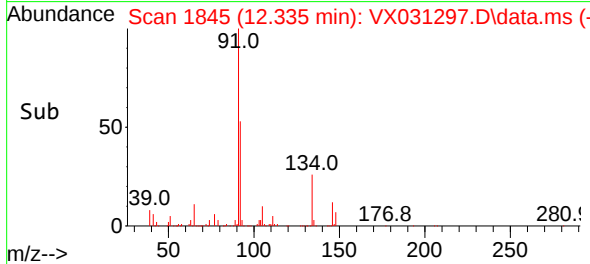
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



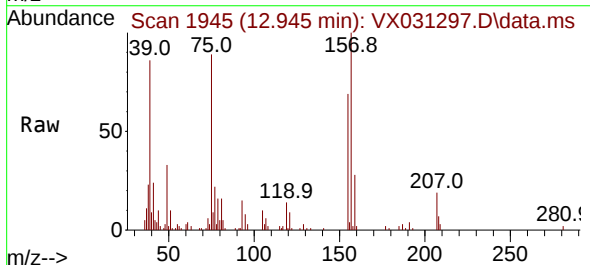
Tgt Ion:146 Resp: 3839
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 62.4 31.7 95.1

Manual Integrations
APPROVED

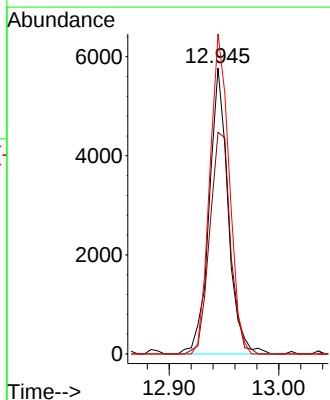
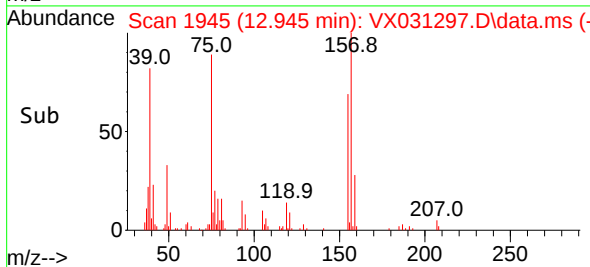
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

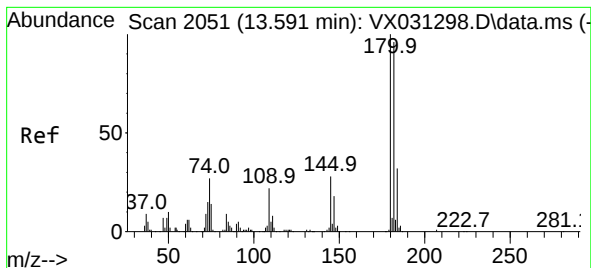


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.083 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031297.D
Acq: 13 Sep 2022 18:16



Tgt Ion: 75 Resp: 6919
Ion Ratio Lower Upper
75 100
155 84.9 45.1 135.3
157 114.6 60.2 180.4





#93

1,2,4-Trichlorobenzene

Concen: 18.326 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

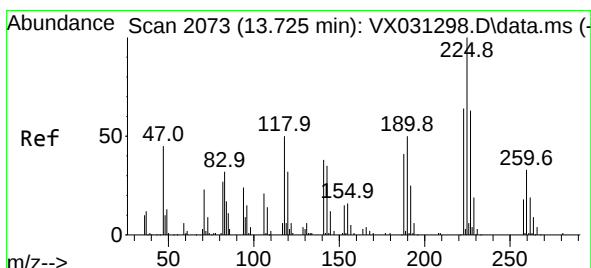
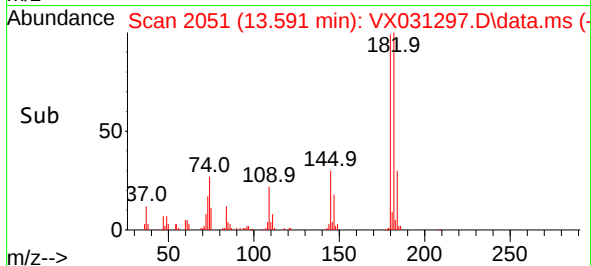
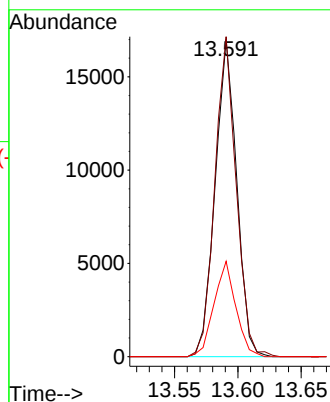
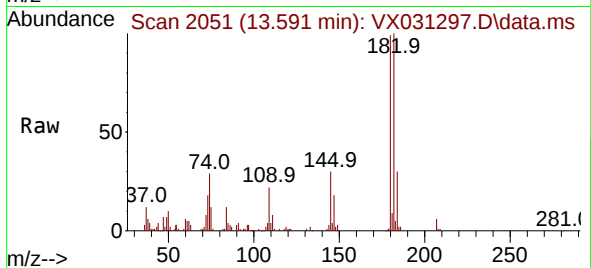
Tgt Ion:180	Resp:	2008
Ion Ratio	Lower	Upper
180	100	
182	100.0	46.6 139.8
145	30.5	14.4 43.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#94

Hexachlorobutadiene

Concen: 19.767 ug/l

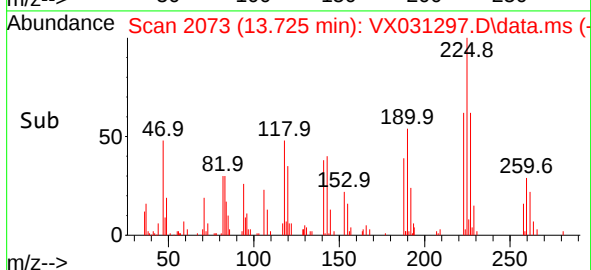
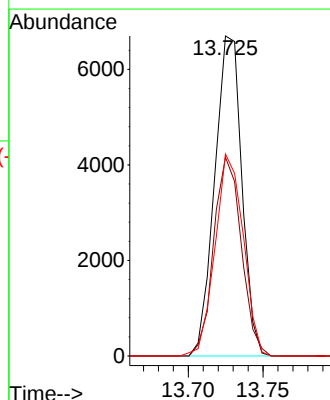
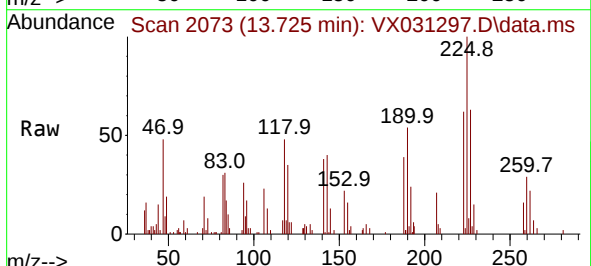
RT: 13.725 min Scan# 2073

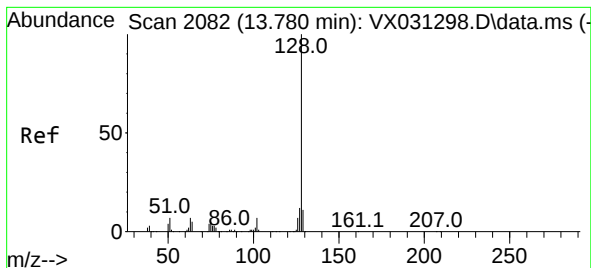
Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Tgt Ion:225	Resp:	8471
Ion Ratio	Lower	Upper
225	100	
223	63.1	32.5 97.4
227	65.4	32.4 97.2





#95

Naphthalene

Concen: 19.525 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

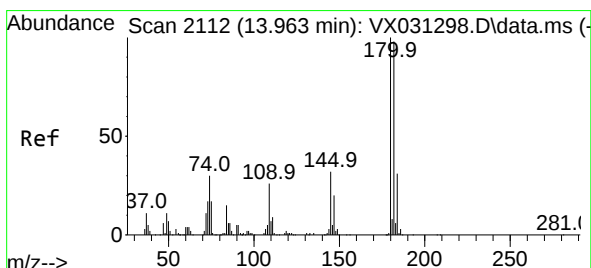
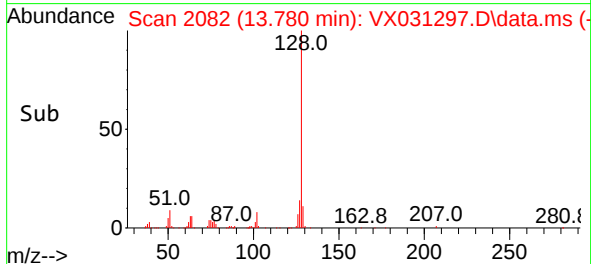
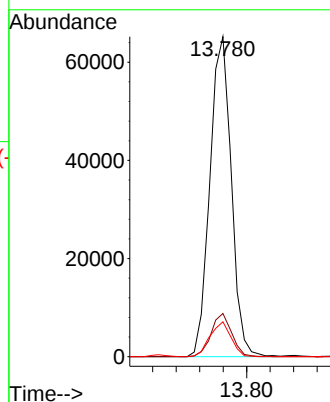
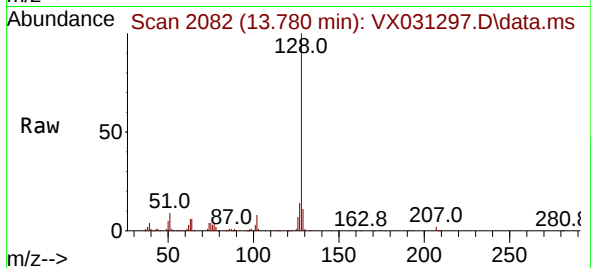
Tgt Ion:128	Resp:	8260
Ion Ratio	Lower	Upper
128	100	
127	13.0	9.9 14.9
129	10.7	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.142 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX031297.D

Acq: 13 Sep 2022 18:16

Tgt Ion:180	Resp:	22055
Ion Ratio	Lower	Upper
180	100	
182	91.7	48.8 146.3
145	27.9	15.7 47.0

