

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031304.D
 Acq On : 14 Sep 2022 12:49
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 01:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	53783	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	92481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	7261	5.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.000%#		
35) Dibromofluoromethane	5.385	113	4825	4.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.700%#		
50) Toluene-d8	8.647	98	18327	4.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.820%#		
62) 4-Bromofluorobenzene	11.085	95	6561	4.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.600%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3008	5.180	ug/l	97
3) Chloromethane	1.288	50	4183	4.708	ug/l	99
4) Vinyl Chloride	1.374	62	4489	4.777	ug/l	99
5) Bromomethane	1.611	94	3742	5.310	ug/l	98
6) Chloroethane	1.685	64	3810	4.790	ug/l	93
7) Trichlorofluoromethane	1.886	101	8260	4.795	ug/l	92
8) Diethyl Ether	2.130	74	3677	4.912	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	4148	5.092	ug/l	98
10) Methyl Iodide	2.453	142	3204	4.058	ug/l	98
11) Tert butyl alcohol	2.947	59	11386m	35.969	ug/l	
12) 1,1-Dichloroethene	2.319	96	3564	4.746	ug/l	88
13) Acrolein	2.239	56	5217	34.246	ug/l	93
14) Allyl chloride	2.660	41	8592	5.180	ug/l	94
15) Acrylonitrile	3.068	53	14088	23.138	ug/l	100
16) Acetone	2.392	43	13429	23.829	ug/l	98
17) Carbon Disulfide	2.508	76	6984	4.256	ug/l	99
18) Methyl Acetate	2.709	43	8158	4.882	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	16412	4.720	ug/l	97
20) Methylene Chloride	2.788	84	5086	4.699	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	4308	4.597	ug/l	94
22) Diisopropyl ether	3.757	45	17354	4.999	ug/l #	76
23) Vinyl Acetate	3.721	43	67319	23.335	ug/l	99
24) 1,1-Dichloroethane	3.611	63	8891	4.880	ug/l	97
25) 2-Butanone	4.568	43	21694	23.337	ug/l	94
26) 2,2-Dichloropropane	4.471	77	8492	4.913	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	5255	4.763	ug/l	96
28) Bromochloromethane	4.904	49	4838	5.698	ug/l #	91
29) Tetrahydrofuran	5.025	42	12893	22.390	ug/l	99
30) Chloroform	5.099	83	9254	4.797	ug/l #	82
31) Cyclohexane	5.470	56	7024	4.952	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	7951	4.600	ug/l	97
36) 1,1-Dichloropropene	5.684	75	6338	4.658	ug/l	95
37) Ethyl Acetate	4.721	43	8340	4.664	ug/l	99
38) Carbon Tetrachloride	5.684	117	6610	4.469	ug/l	91
39) Methylcyclohexane	7.379	83	7064	4.714	ug/l	97
40) Benzene	6.037	78	17945	4.593	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 01:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	4195	4.331	ug/l	93
42) 1,2-Dichloroethane	6.086	62	7541	4.785	ug/l	100
43) Isopropyl Acetate	6.342	43	13892	4.552	ug/l	98
44) Trichloroethene	7.129	130	4466	4.483	ug/l	97
45) 1,2-Dichloropropane	7.434	63	4959	4.636	ug/l	94
46) Dibromomethane	7.580	93	3448	4.545	ug/l	99
47) Bromodichloromethane	7.824	83	7139	4.525	ug/l	93
48) Methyl methacrylate	7.690	41	6482	4.665	ug/l	95
49) 1,4-Dioxane	7.696	88	2563m	100.955	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	42980	23.167	ug/l	99
52) Toluene	8.720	92	10646	4.307	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	8203	4.620	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	8181	4.483	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	4846	4.441	ug/l	94
56) Ethyl methacrylate	9.116	69	8090	4.580	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	8735	4.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	21287	25.867	ug/l	99
59) 2-Hexanone	9.433	43	33392	23.583	ug/l	95
60) Dibromochloromethane	9.519	129	5234	4.450	ug/l	99
61) 1,2-Dibromoethane	9.610	107	4849	4.331	ug/l	95
64) Tetrachloroethene	9.275	164	4061	4.551	ug/l	88
65) Chlorobenzene	10.079	112	11820	4.573	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	4798	4.712	ug/l	91
67) Ethyl Benzene	10.195	91	21635	4.621	ug/l	96
68) m/p-Xylenes	10.305	106	16110	9.063	ug/l	92
69) o-Xylene	10.640	106	8230	4.558	ug/l	97
70) Styrene	10.659	104	13402	4.565	ug/l	97
71) Bromoform	10.805	173	3445	4.249	ug/l #	95
73) Isopropylbenzene	10.963	105	21675	4.847	ug/l	97
74) N-amyl acetate	10.841	43	11124	5.004	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	7925	4.931	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	7677m	4.610	ug/l	
77) Bromobenzene	11.195	156	4653	4.563	ug/l	84
78) n-propylbenzene	11.305	91	25012	4.766	ug/l	98
79) 2-Chlorotoluene	11.366	91	15591	4.855	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	17504	4.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2666	4.835	ug/l	94
82) 4-Chlorotoluene	11.457	91	17906	4.865	ug/l	95
83) tert-Butylbenzene	11.713	119	17503	4.669	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	17605	4.728	ug/l	96
85) sec-Butylbenzene	11.890	105	22101	4.709	ug/l	99
86) p-Isopropyltoluene	12.012	119	17659	4.617	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	8958	4.608	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	9387	4.698	ug/l	93
89) n-Butylbenzene	12.335	91	16196	4.775	ug/l	97
90) Hexachloroethane	12.542	117	3558	4.658	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	9527	4.814	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1978	4.655	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	5140	4.796	ug/l	98
94) Hexachlorobutadiene	13.725	225	1909	4.563	ug/l	96
95) Naphthalene	13.780	128	19909	4.572	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5232	4.559	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

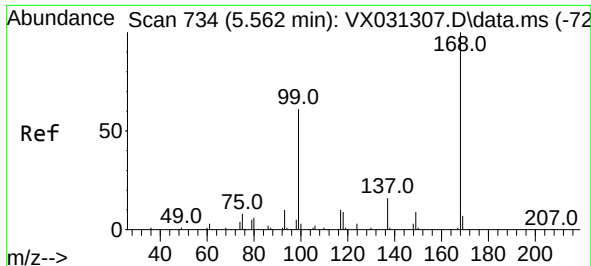
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:23:56 2022
Response via : Initial Calibration

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



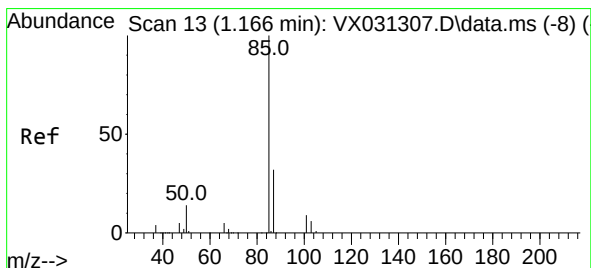
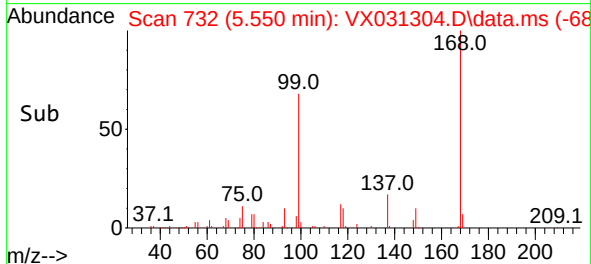
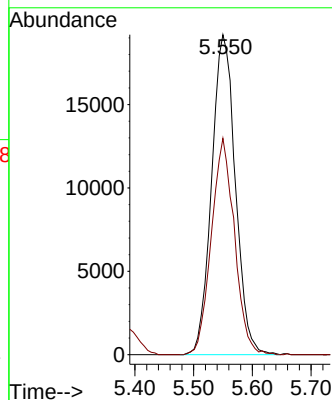
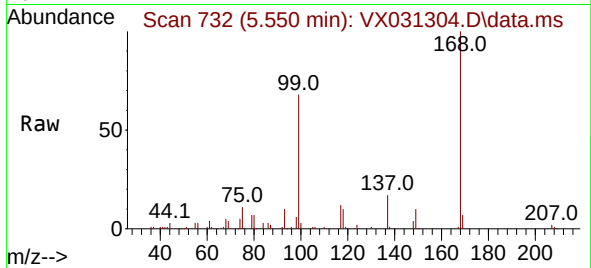
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 5378
Ion Ratio Lower Upper
168 100
99 67.6 48.8 73.2

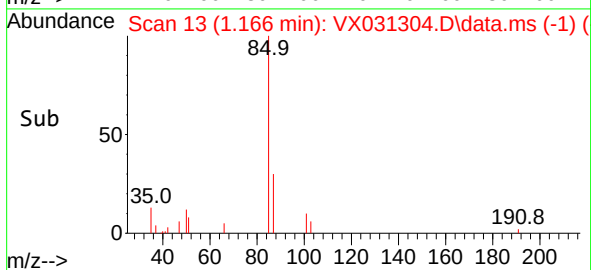
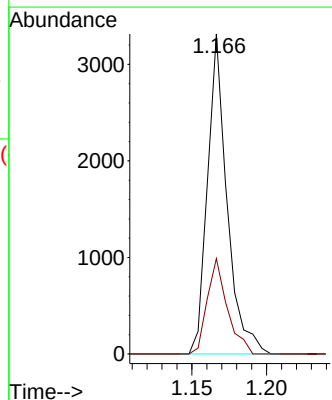
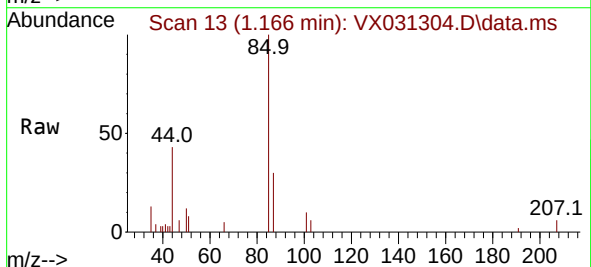
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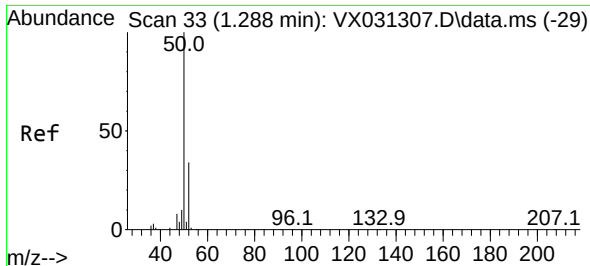
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#2
Dichlorodifluoromethane
Concen: 5.180 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

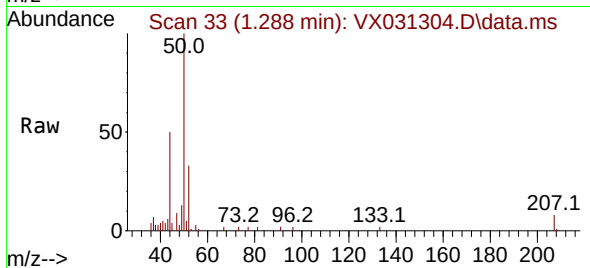
Tgt Ion: 85 Resp: 3008
Ion Ratio Lower Upper
85 100
87 29.8 15.8 47.4





#3
Chloromethane
Concen: 4.708 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

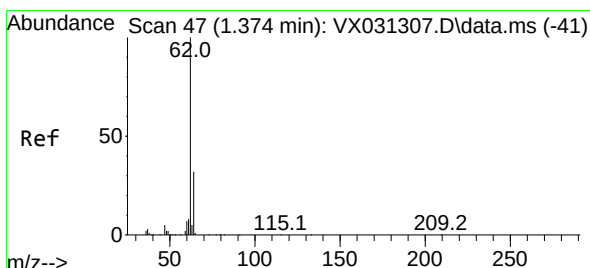
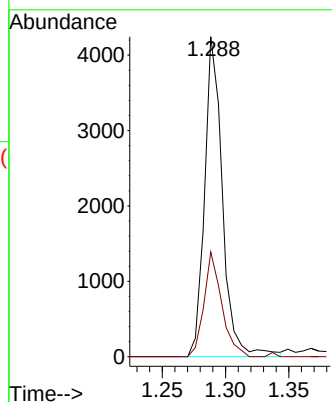
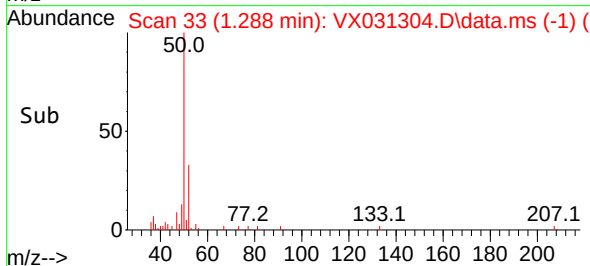
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 418
Ion Ratio Lower Upper
50 100
52 32.8 26.9 40.3

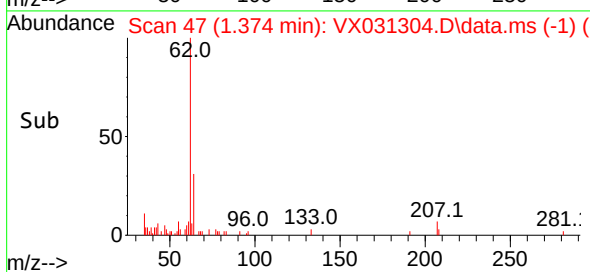
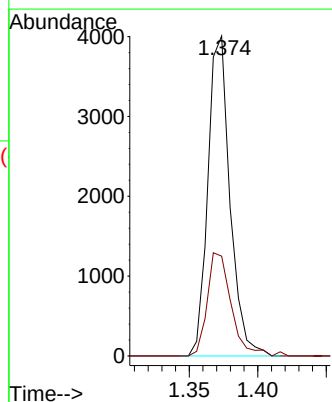
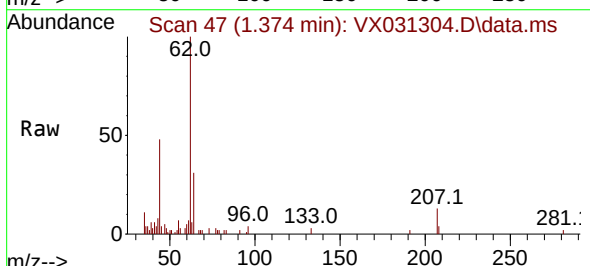
Manual Integrations
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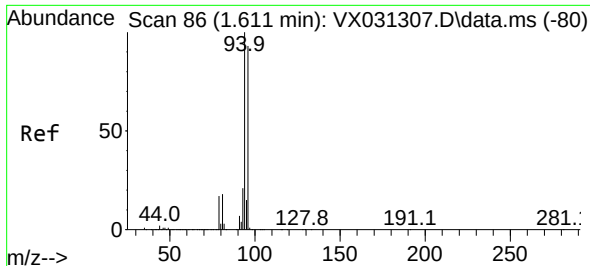
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#4
Vinyl Chloride
Concen: 4.777 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

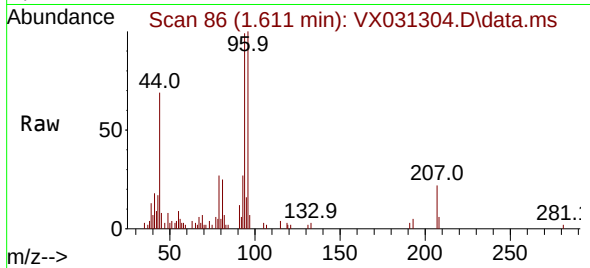
Tgt Ion: 62 Resp: 4489
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9





#5
Bromomethane
Concen: 5.310 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

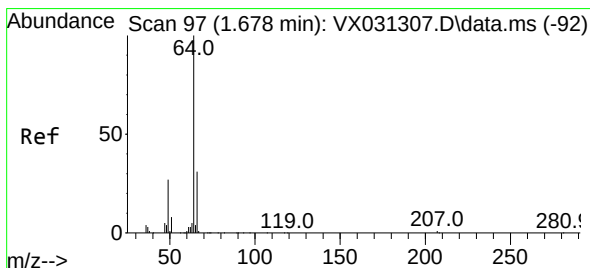
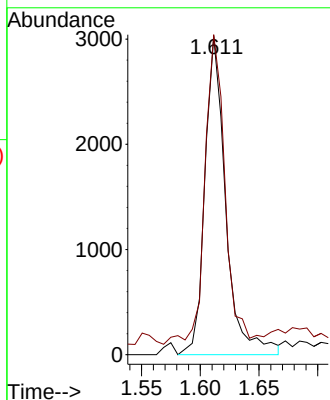
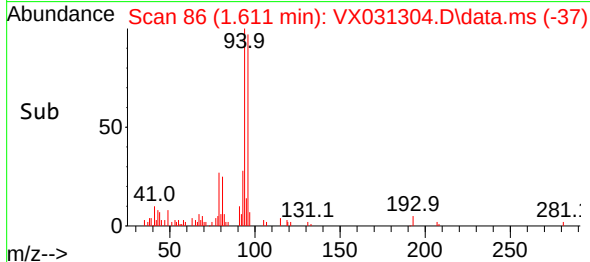
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



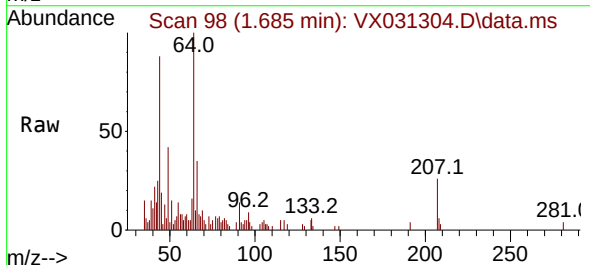
Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 94.6 74.4 111.6

Manual Integrations
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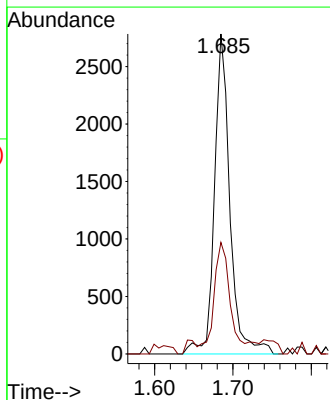
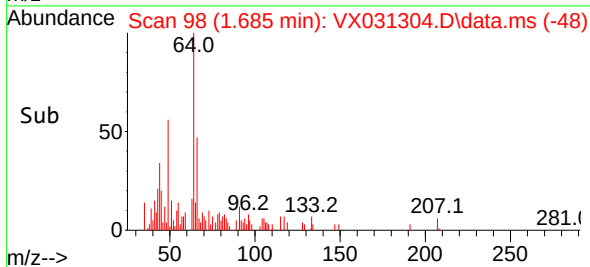
Reviewed By :John Carlone 09/15/2022
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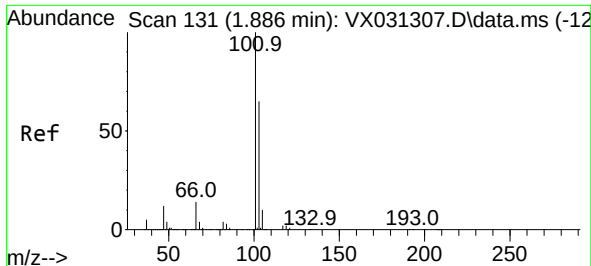


#6
Chloroethane
Concen: 4.790 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



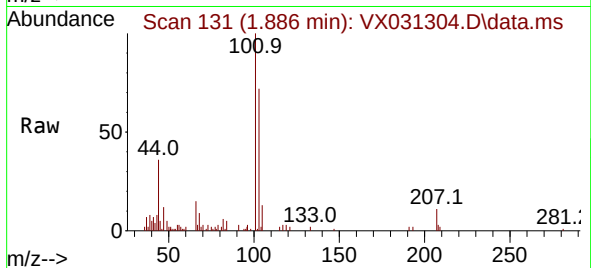
Tgt Ion: 64 Resp: 3810
Ion Ratio Lower Upper
64 100
66 34.8 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 4.795 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031304.D
 Acq: 14 Sep 2022 12:49

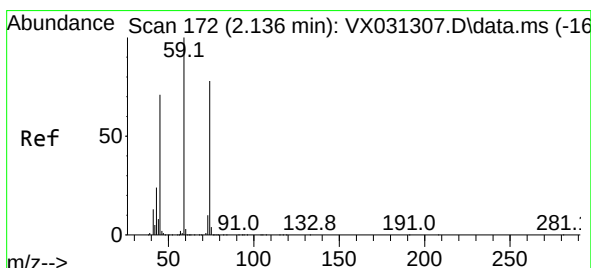
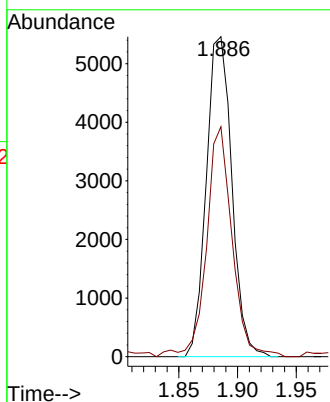
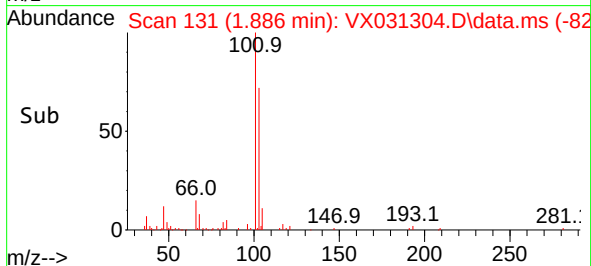
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



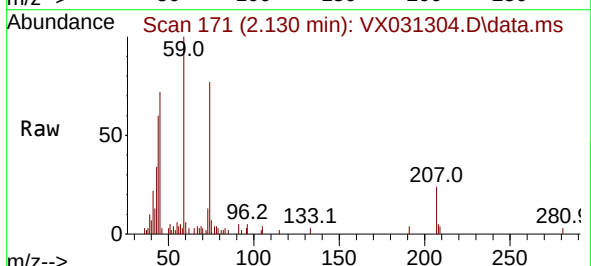
Tgt Ion:101 Resp: 8260
 Ion Ratio Lower Upper
 101 100
 103 70.8 51.8 77.6

Manual Integrations
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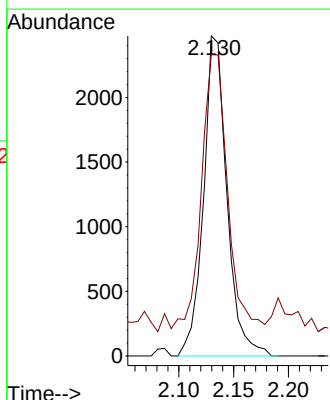
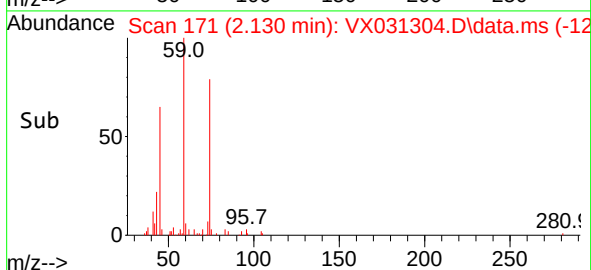
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

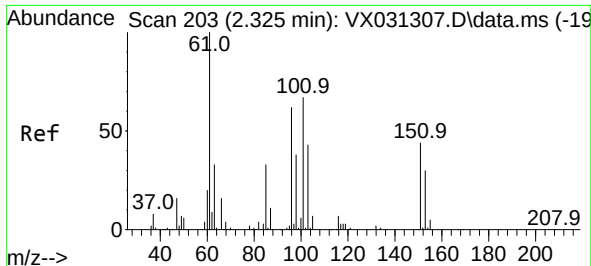


#8
 Diethyl Ether
 Concen: 4.912 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX031304.D
 Acq: 14 Sep 2022 12:49



Tgt Ion: 74 Resp: 3677
 Ion Ratio Lower Upper
 74 100
 45 100.4 48.5 145.6





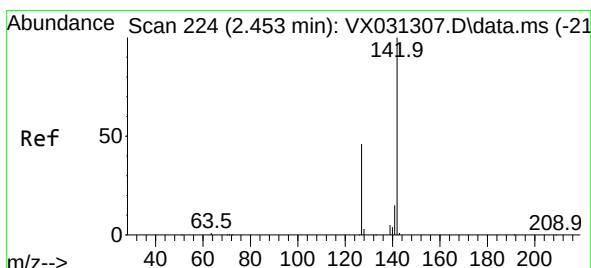
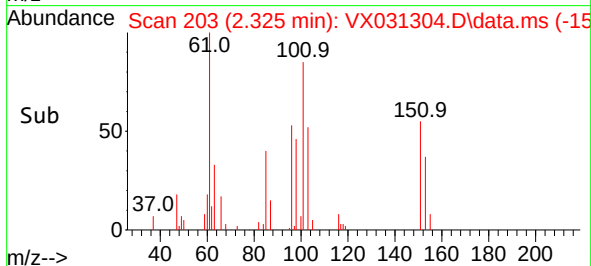
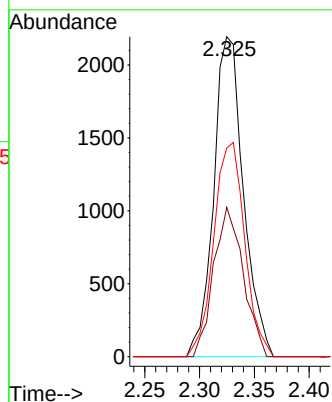
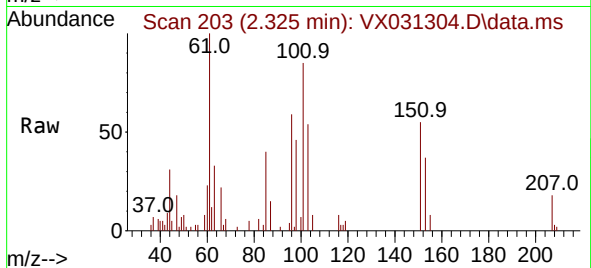
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.092 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 4148
Ion Ratio Lower Upper
101 100
85 46.4 38.6 57.8
151 69.4 54.0 81.0

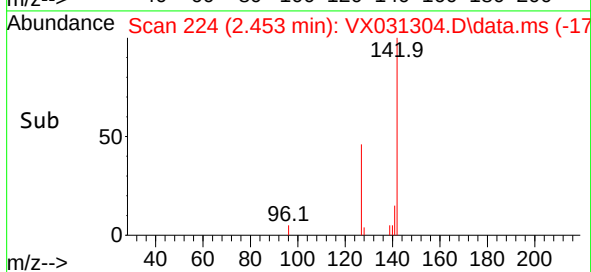
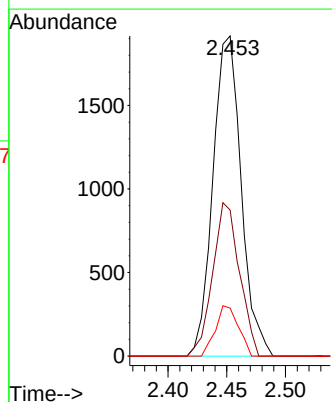
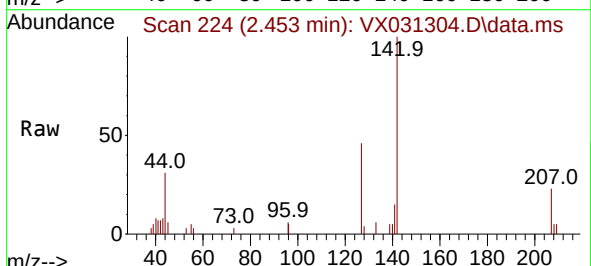
Manual Integrations
APPROVED

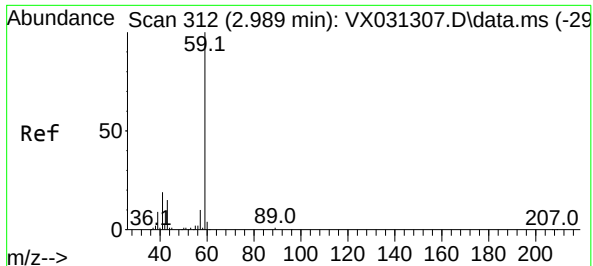
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#10
Methyl Iodide
Concen: 4.058 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:142 Resp: 3204
Ion Ratio Lower Upper
142 100
127 45.5 37.4 56.0
141 12.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 35.969 ug/l m

RT: 2.947 min Scan# 305

Delta R.T. -0.043 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 1138

Ion Ratio Lower Upper

59 100

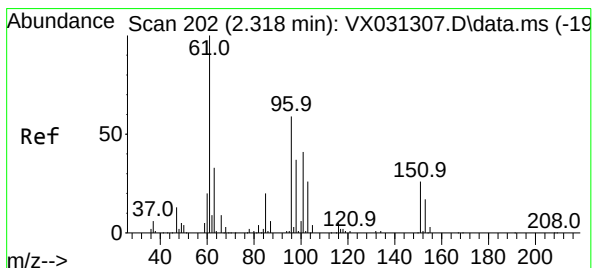
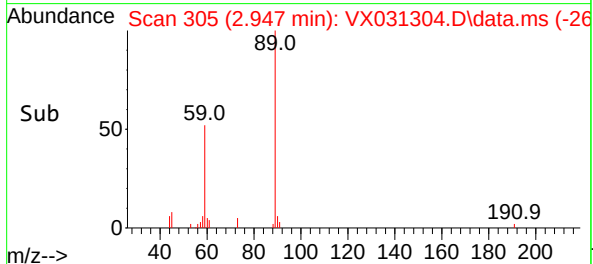
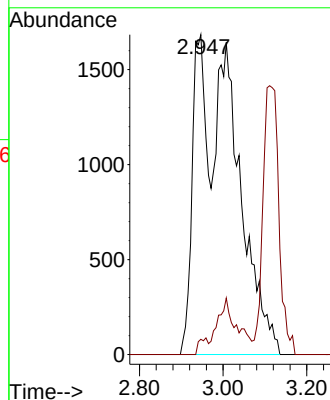
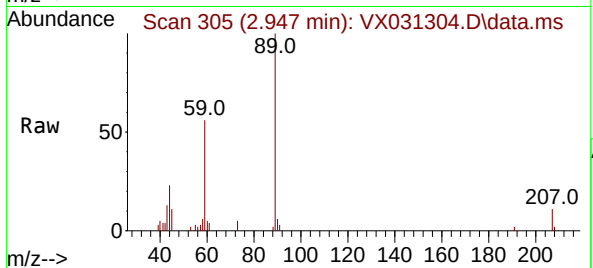
57 8.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#12

1,1-Dichloroethene

Concen: 4.746 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

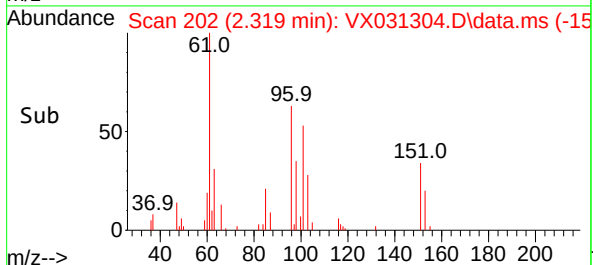
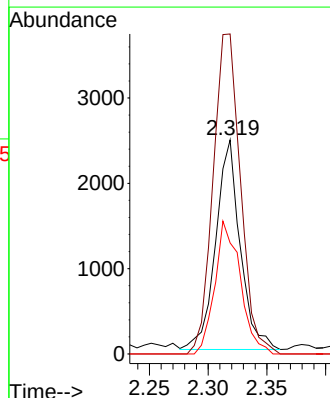
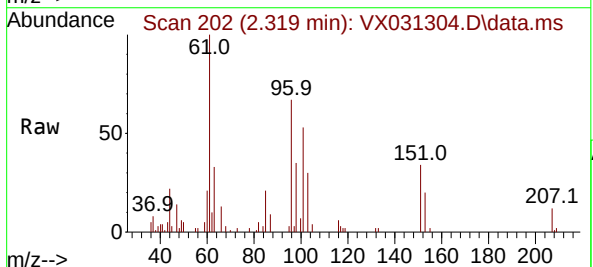
Tgt Ion: 96 Resp: 3564

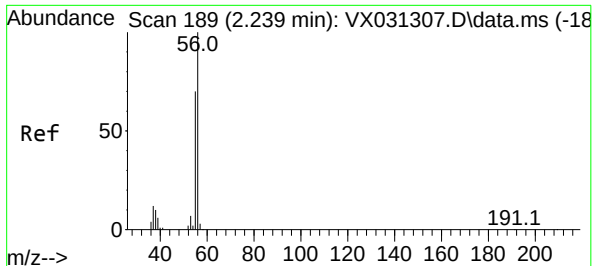
Ion Ratio Lower Upper

96 100

61 152.7 135.3 202.9

98 53.0 49.4 74.2





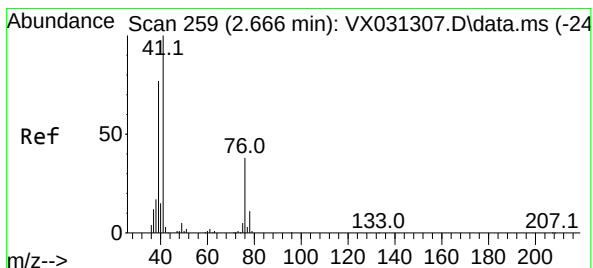
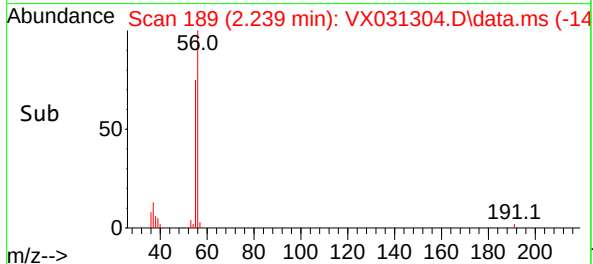
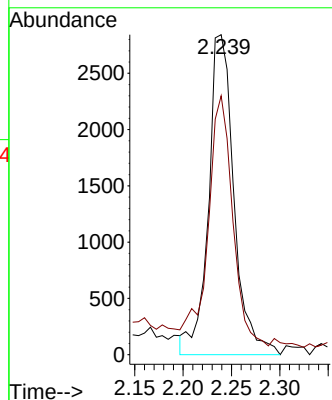
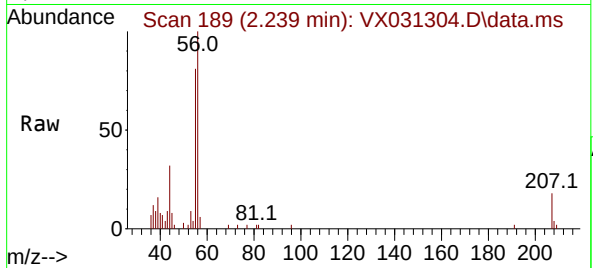
#13
Acrolein
Concen: 34.246 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 521
Ion Ratio Lower Upper
56 100
55 75.4 56.0 84.0

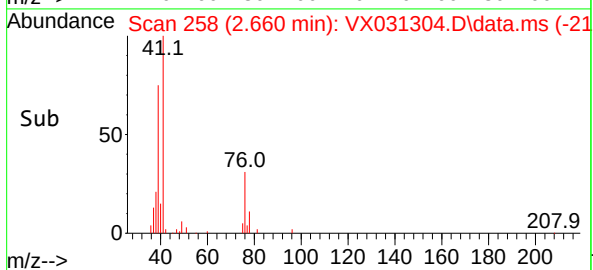
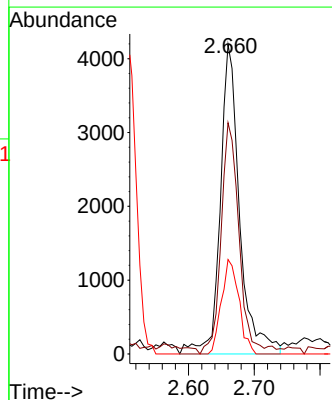
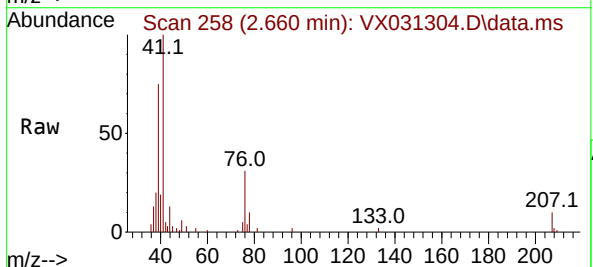
Manual Integrations
APPROVED

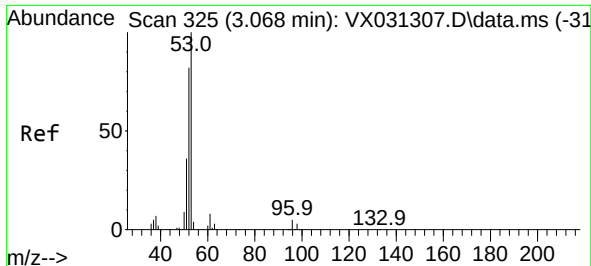
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#14
Allyl chloride
Concen: 5.180 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 41 Resp: 8592
Ion Ratio Lower Upper
41 100
39 70.1 58.2 87.4
76 27.6 26.9 40.3





#15

Acrylonitrile

Concen: 23.138 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

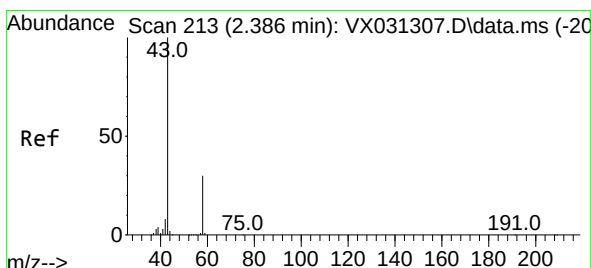
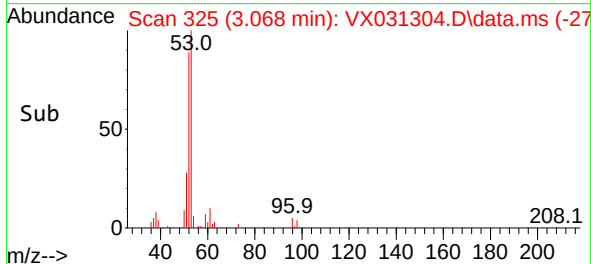
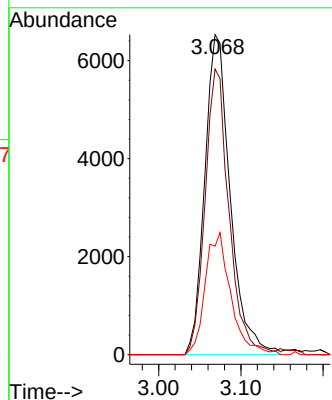
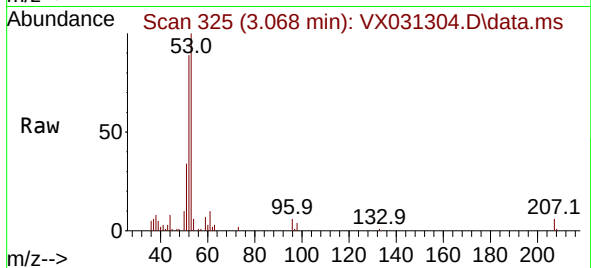
Tgt Ion: 53	Resp: 1408
Ion Ratio	Lower Upper
53 100	
52 83.6	66.9 100.3
51 38.3	30.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#16

Acetone

Concen: 23.829 ug/l

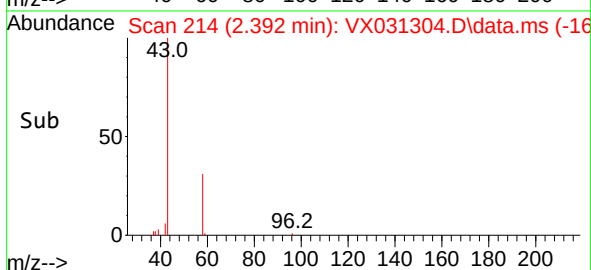
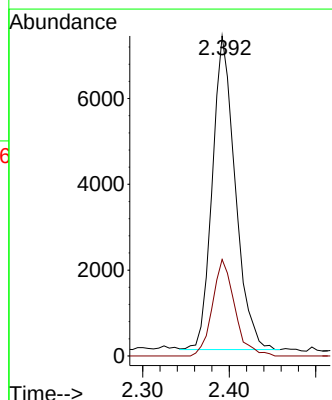
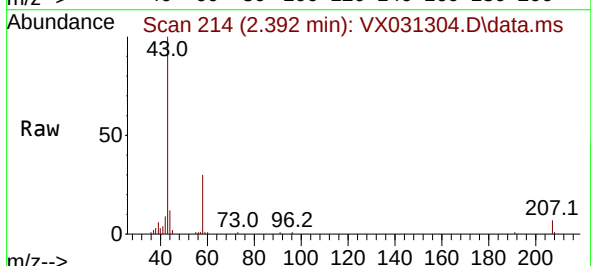
RT: 2.392 min Scan# 214

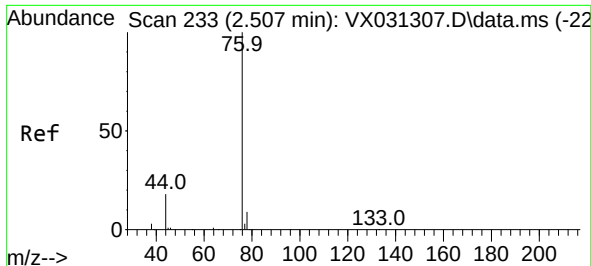
Delta R.T. 0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

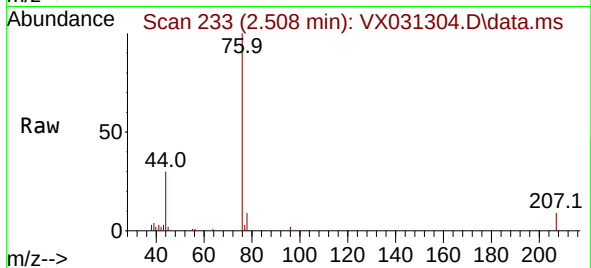
Tgt Ion: 43	Resp: 13429
Ion Ratio	Lower Upper
43 100	
58 30.8	23.8 35.8





#17
Carbon Disulfide
Concen: 4.256 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

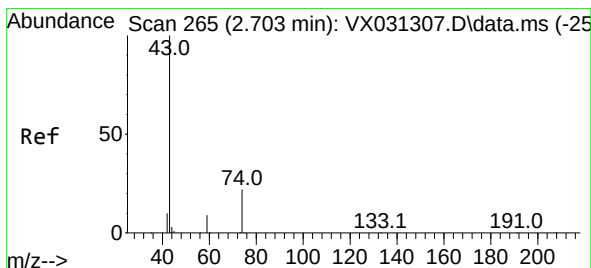
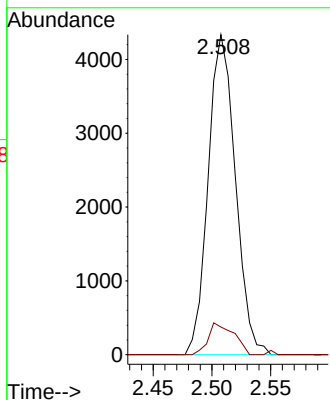
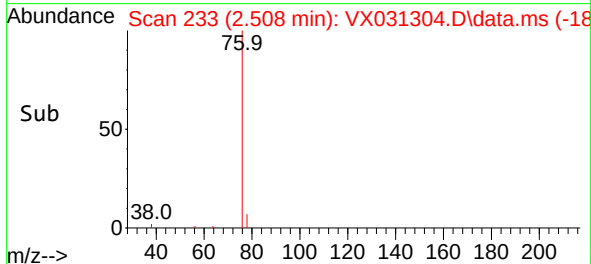
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



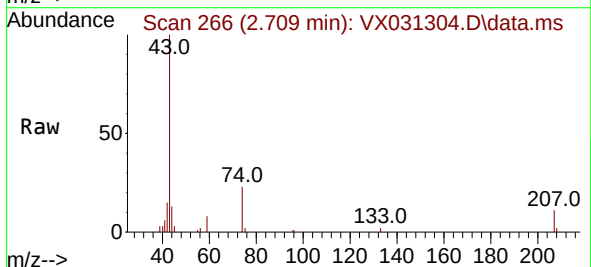
Tgt Ion: 76 Resp: 6984
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
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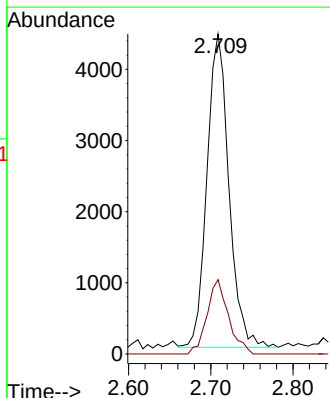
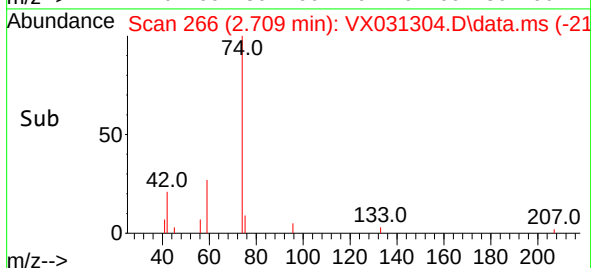
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

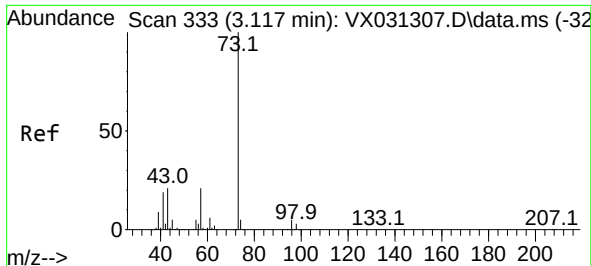


#18
Methyl Acetate
Concen: 4.882 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8





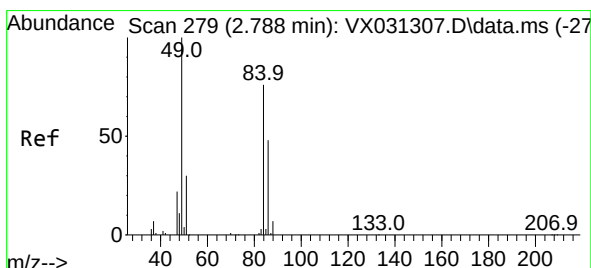
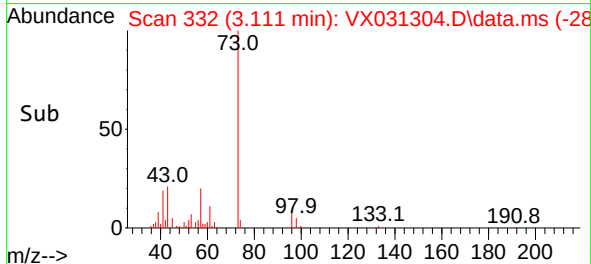
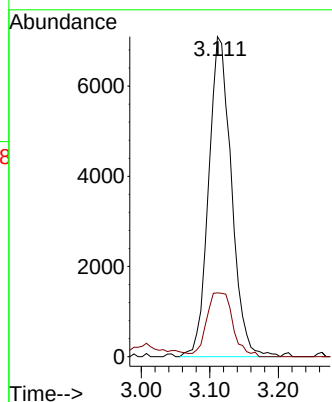
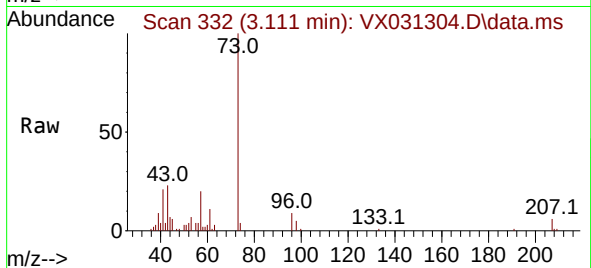
#19
Methyl tert-butyl Ether
Concen: 4.720 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1641
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8

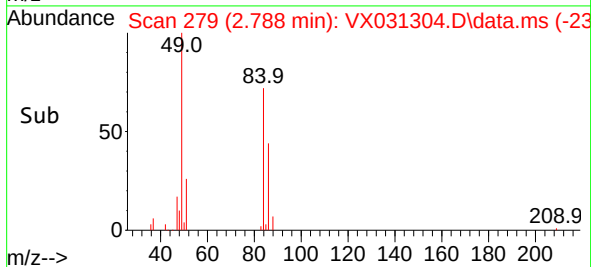
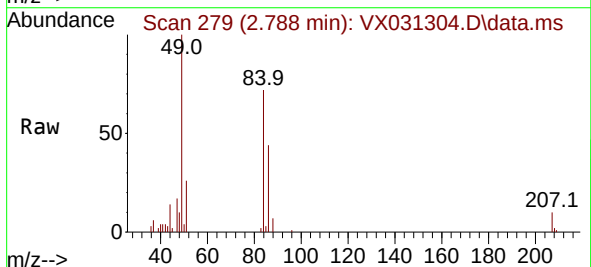
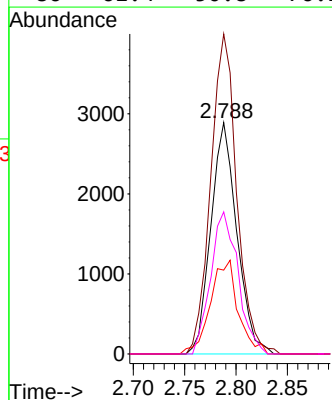
Manual Integrations
APPROVED

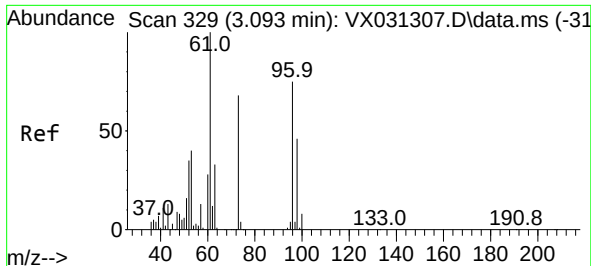
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#20
Methylene Chloride
Concen: 4.699 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

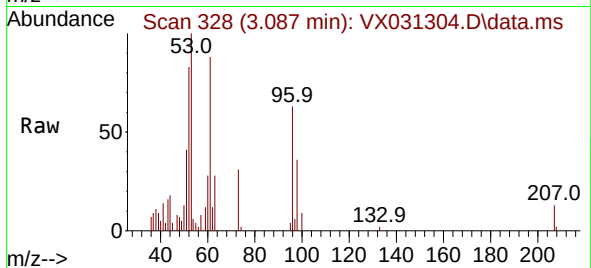
Tgt Ion: 84 Resp: 5086
Ion Ratio Lower Upper
84 100
49 138.3 105.9 158.9
51 36.3 32.2 48.2
86 61.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 4.597 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

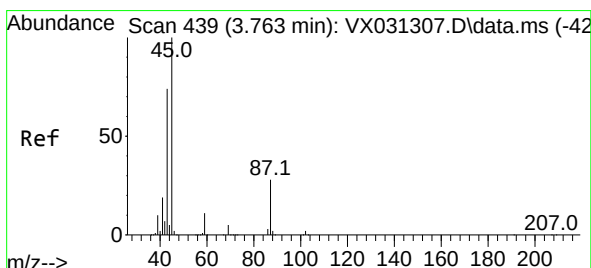
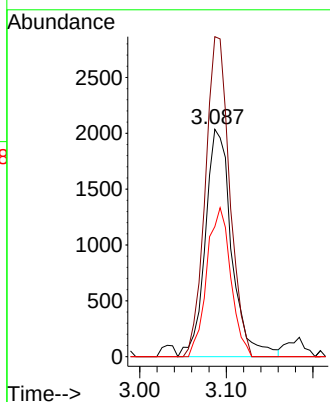
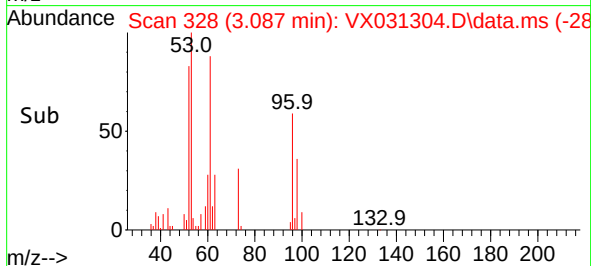
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 4308
Ion Ratio Lower Upper
96 100
61 140.7 106.7 160.1
98 57.2 48.7 73.1

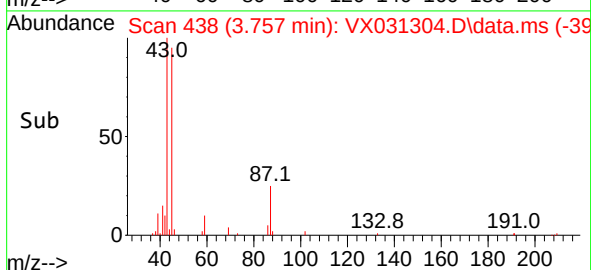
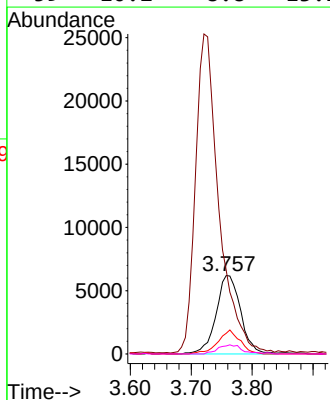
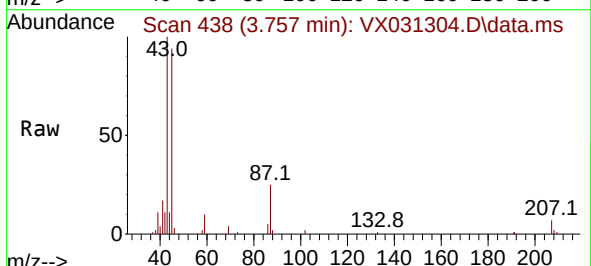
Manual Integrations
APPROVED

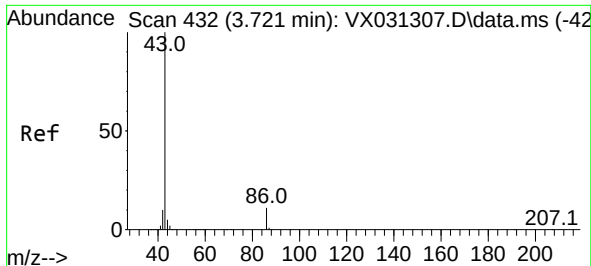
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#22
Diisopropyl ether
Concen: 4.999 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 45 Resp: 17354
Ion Ratio Lower Upper
45 100
43 103.9 59.0 88.6#
87 26.3 22.6 33.8
59 10.2 8.8 13.2





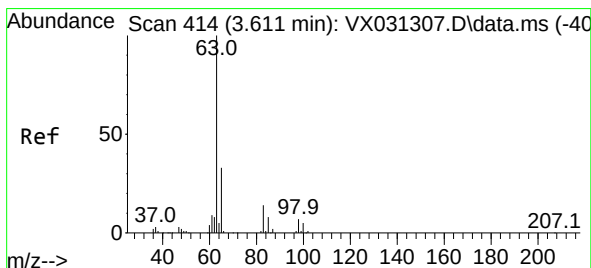
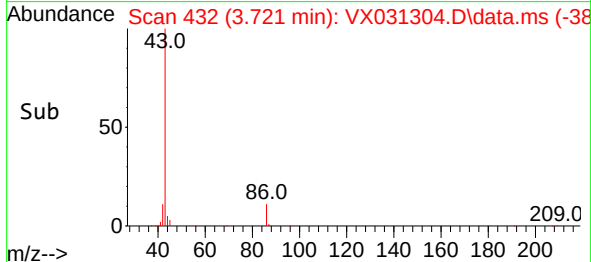
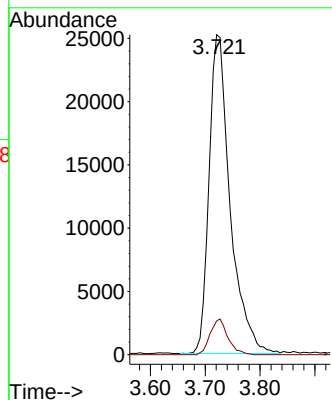
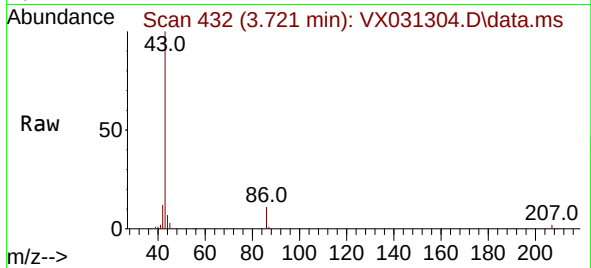
#23
 Vinyl Acetate
 Concen: 23.335 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031304.D
 Acq: 14 Sep 2022 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 67319
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1

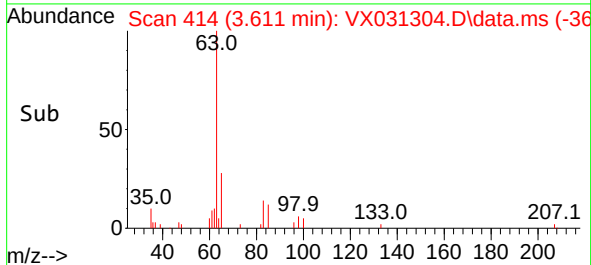
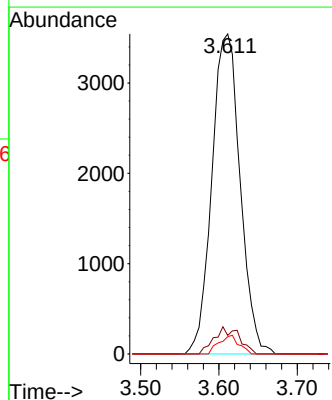
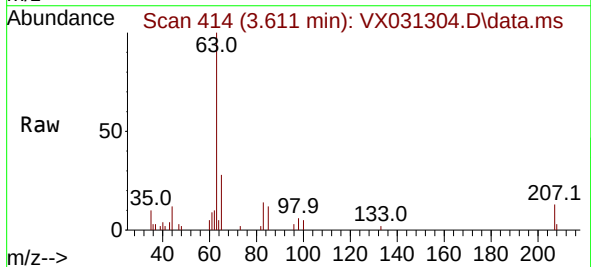
Manual Integrations
 APPROVED

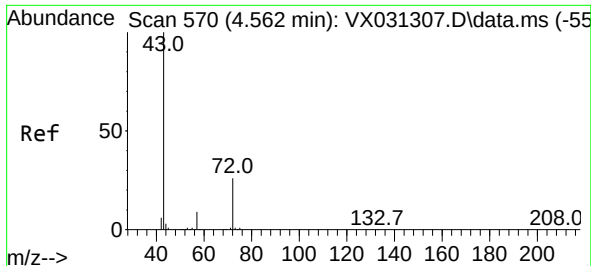
Reviewed By :John Carlone 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#24
 1,1-Dichloroethane
 Concen: 4.880 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031304.D
 Acq: 14 Sep 2022 12:49

Tgt Ion: 63 Resp: 8891
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.4
 100 5.4 2.4 7.2





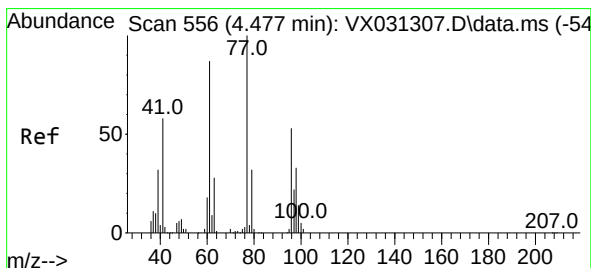
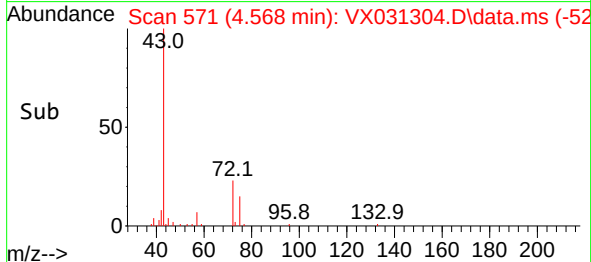
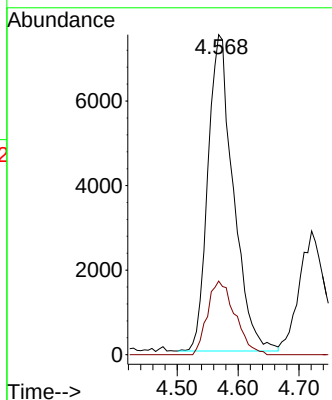
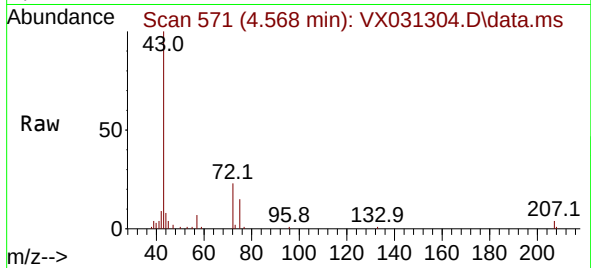
#25
2-Butanone
Concen: 23.337 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 21694
Ion Ratio Lower Upper
43 100
72 23.2 21.1 31.7

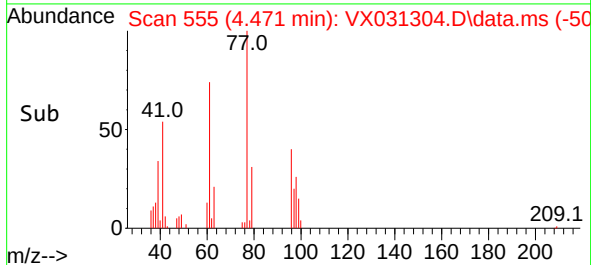
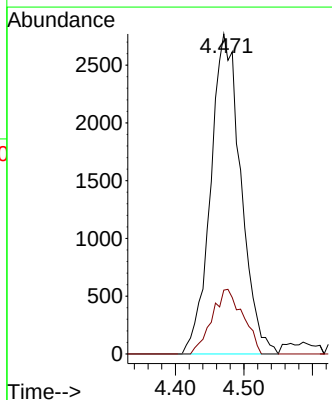
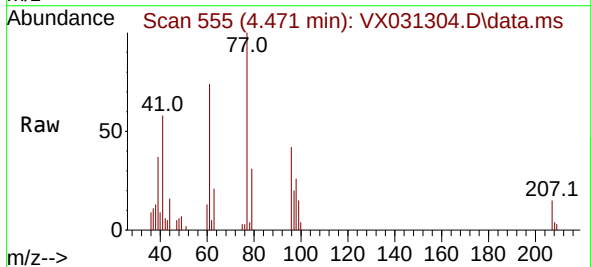
Manual Integrations
APPROVED

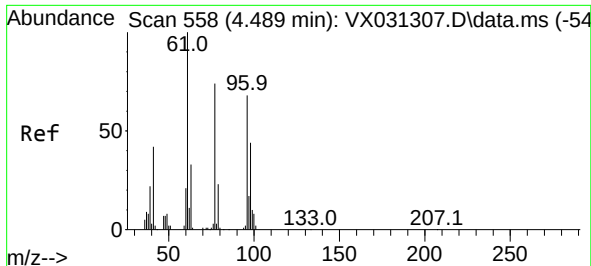
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#26
2,2-Dichloropropane
Concen: 4.913 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 77 Resp: 8492
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 4.763 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

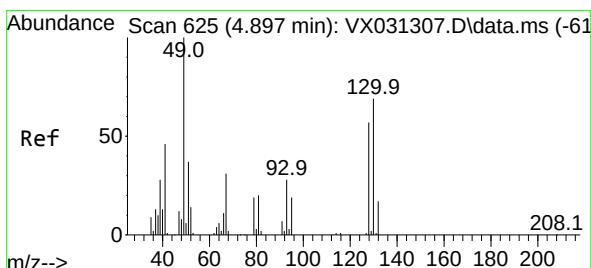
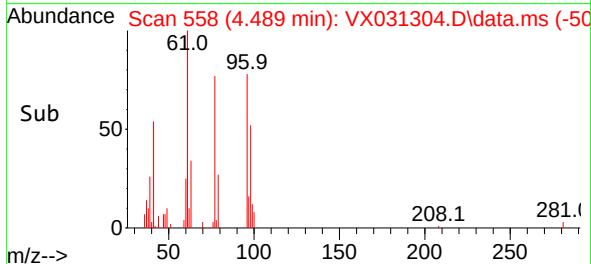
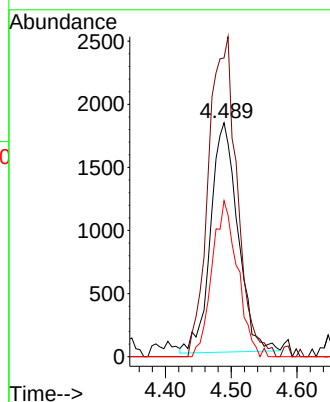
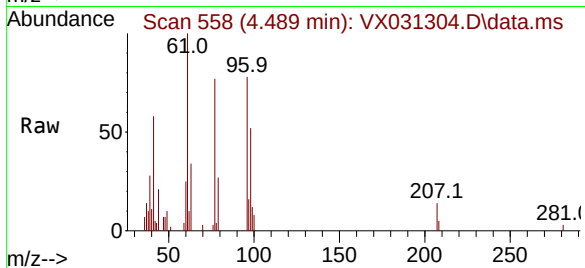
Tgt Ion:	96	Resp:	525
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	305.2
98	63.3	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#28

Bromochloromethane

Concen: 5.698 ug/l

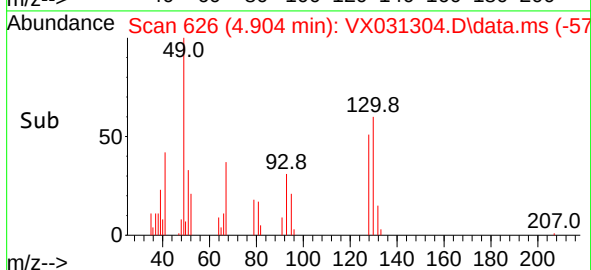
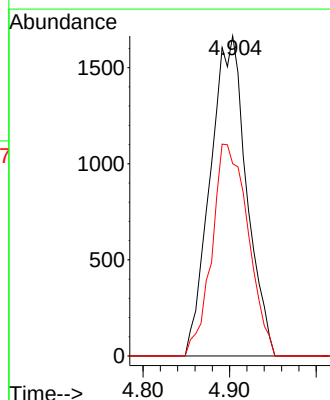
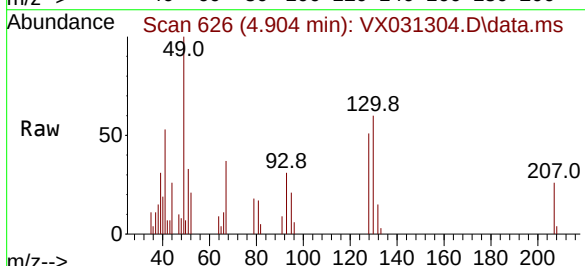
RT: 4.904 min Scan# 626

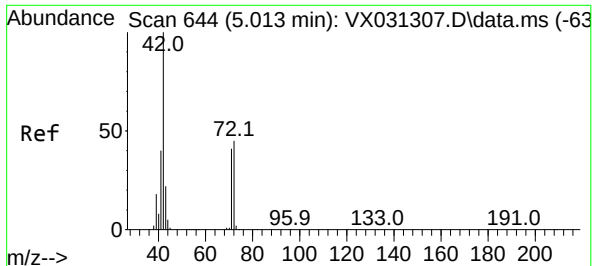
Delta R.T. 0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion:	49	Resp:	4838
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	66.1	59.0	88.4





#29

Tetrahydrofuran

Concen: 22.390 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

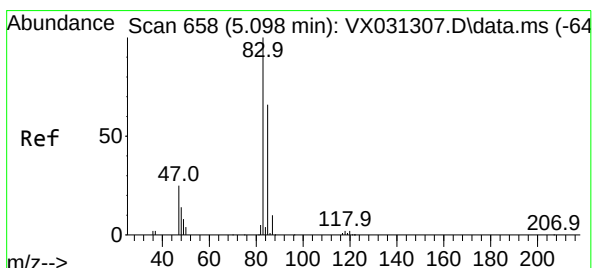
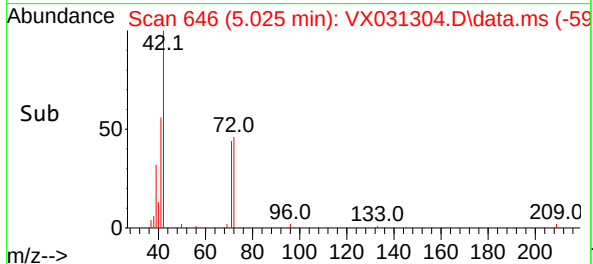
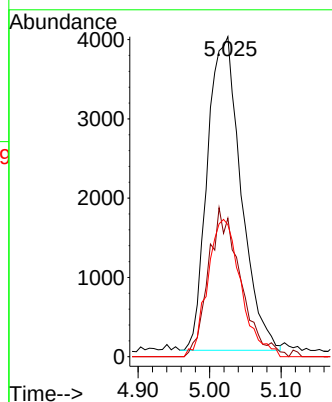
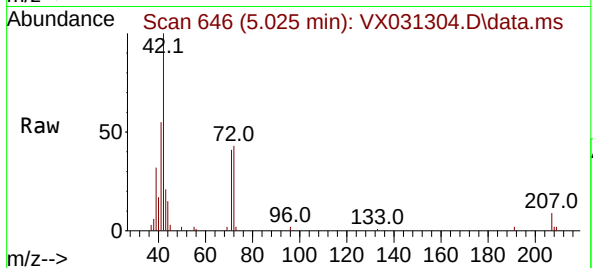
Tgt Ion: 42	Resp: 1289
Ion Ratio	Lower Upper
42 100	
72 45.5	36.4 54.6
71 43.3	33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#30

Chloroform

Concen: 4.797 ug/l

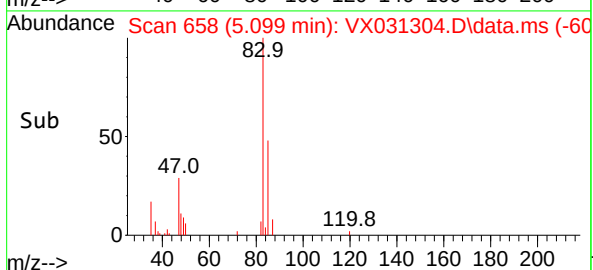
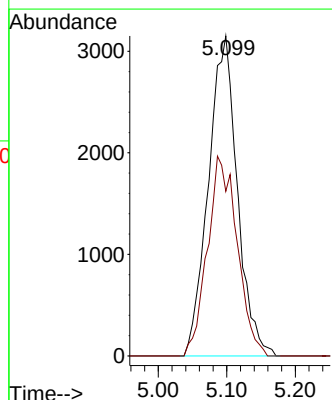
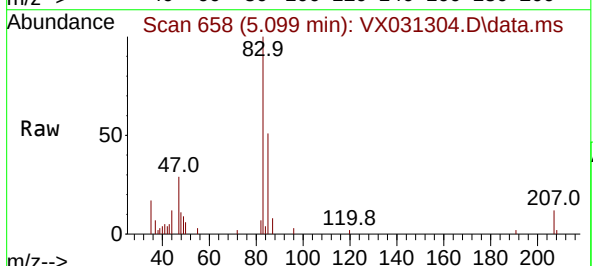
RT: 5.099 min Scan# 658

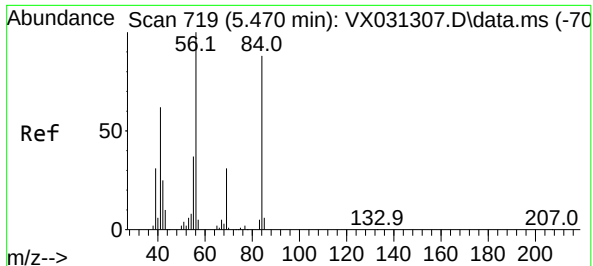
Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

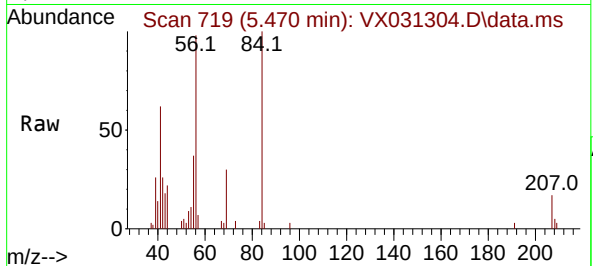
Tgt Ion: 83	Resp: 9254
Ion Ratio	Lower Upper
83 100	
85 51.4	52.8 79.2#





#31
Cyclohexane
Concen: 4.952 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

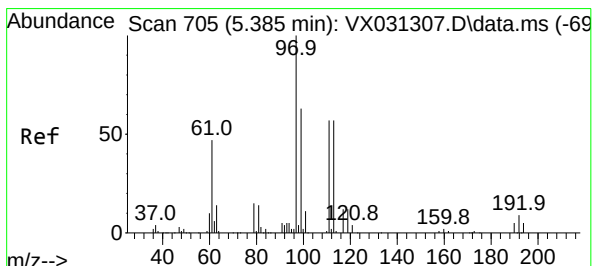
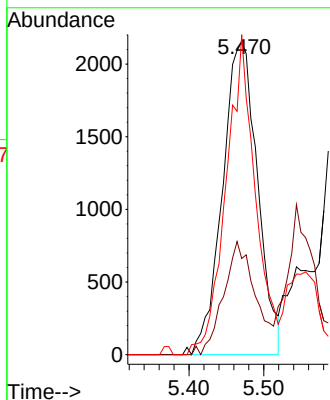
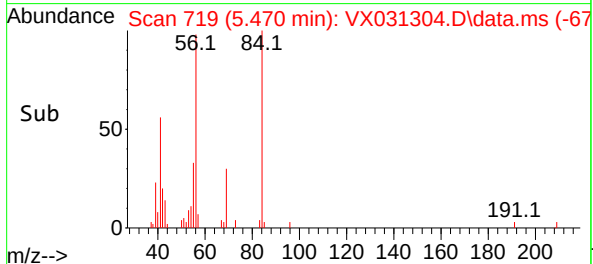
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	56	Resp:	7024
Ion Ratio	Lower	Upper	
56	100		
69	30.7	25.1	37.7
84	102.3	70.2	105.4

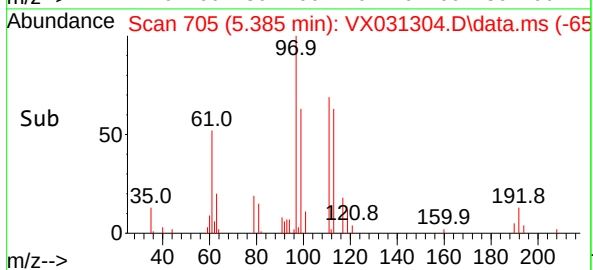
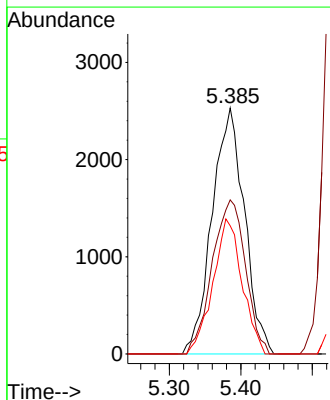
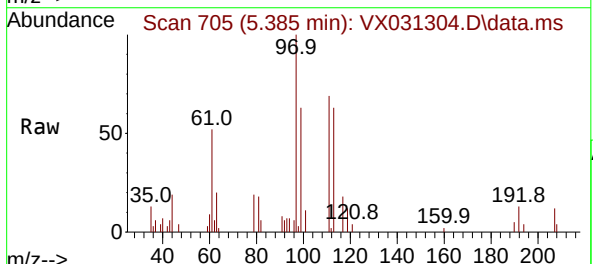
Manual Integrations
APPROVED

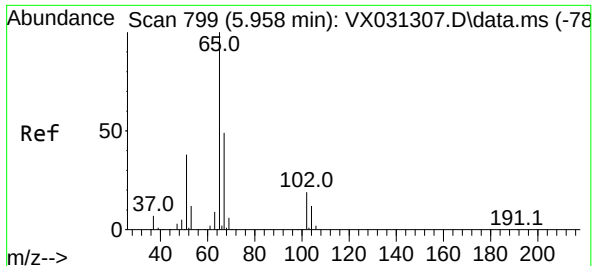
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#32
1,1,1-Trichloroethane
Concen: 4.600 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:	97	Resp:	7951
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.3	76.9
61	49.5	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 5.500 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 726

Ion Ratio Lower Upper

65 100

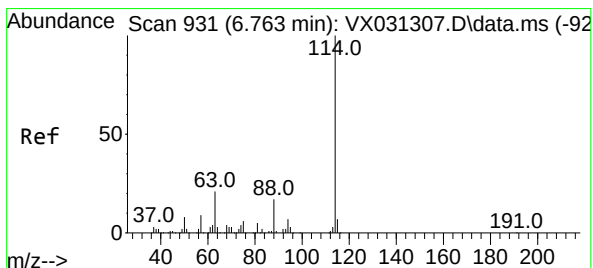
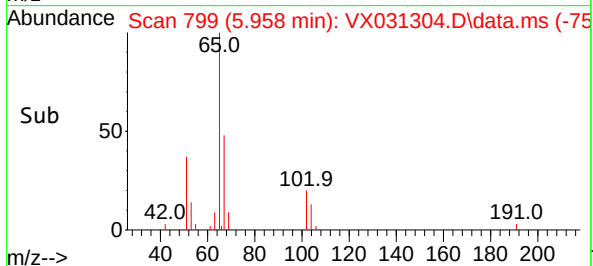
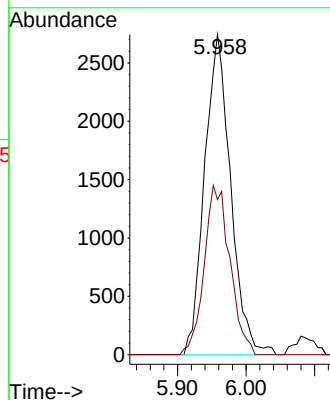
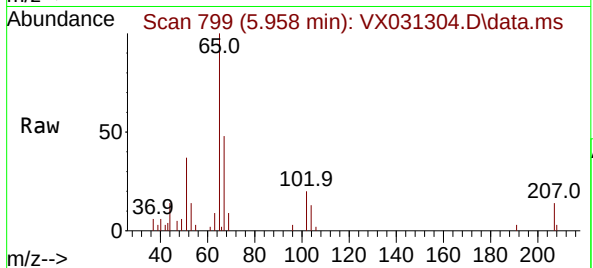
67 52.1 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

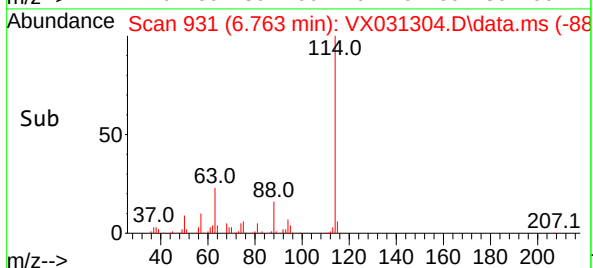
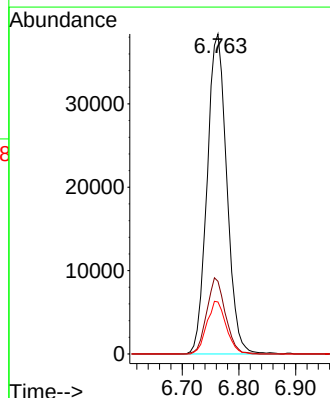
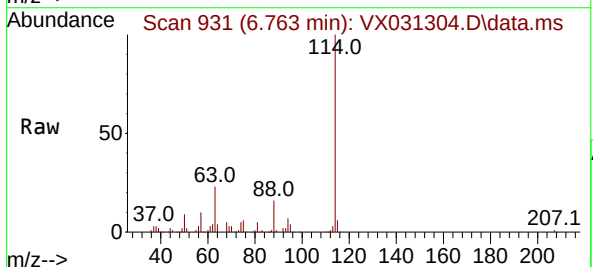
Tgt Ion:114 Resp: 92481

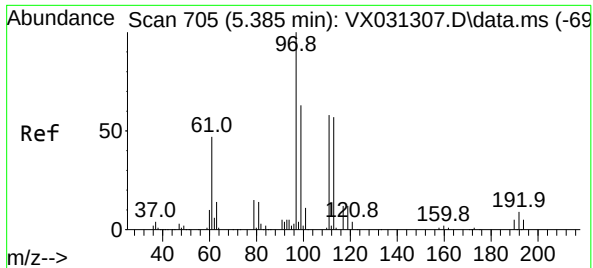
Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.6

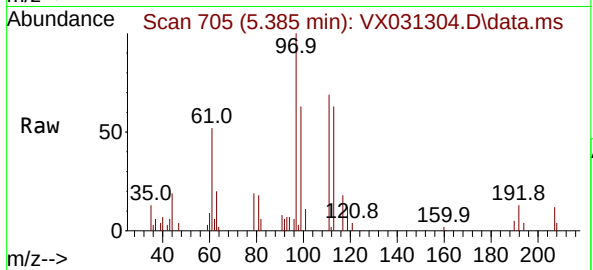
88 16.3 0.0 33.0





#35
Dibromofluoromethane
Concen: 4.854 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

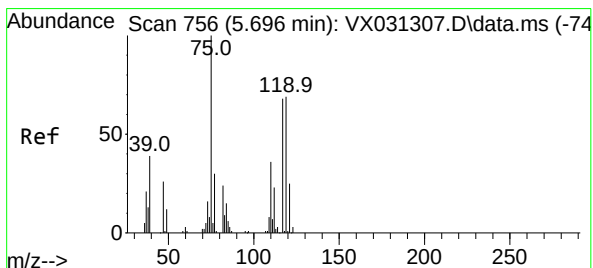
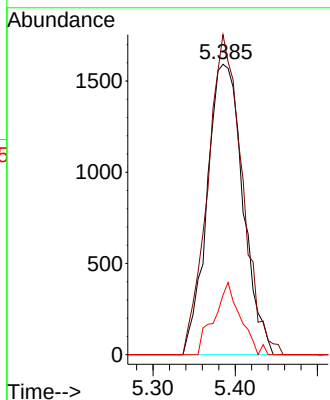
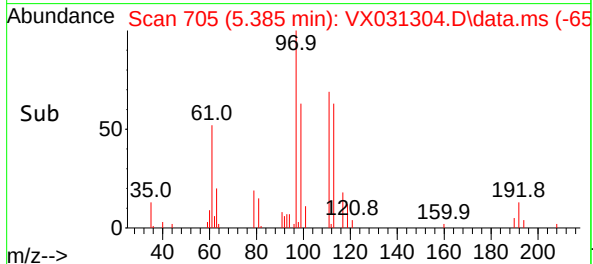
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 4825
Ion Ratio Lower Upper
113 100
111 106.0 82.4 123.6
192 18.2 14.1 21.1

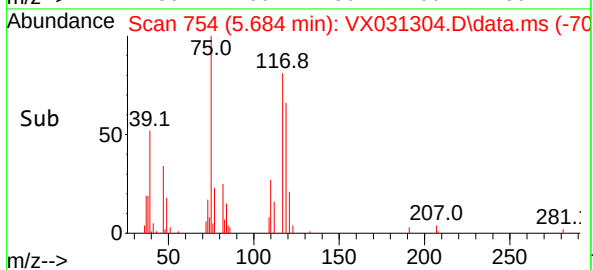
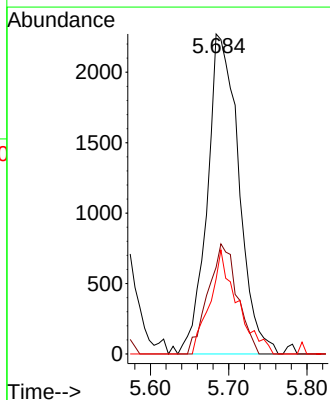
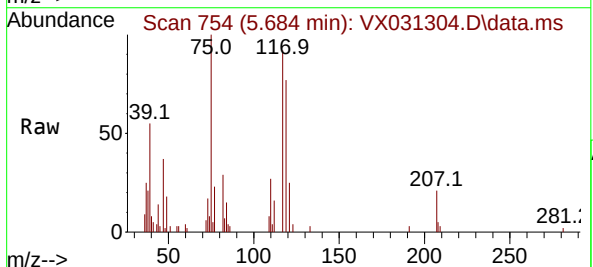
Manual Integrations
APPROVED

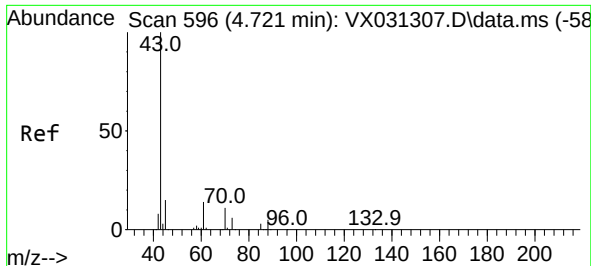
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#36
1,1-Dichloropropene
Concen: 4.658 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 75 Resp: 6338
Ion Ratio Lower Upper
75 100
110 32.1 17.5 52.5
77 28.3 24.9 37.3





#37

Ethyl Acetate

Concen: 4.664 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

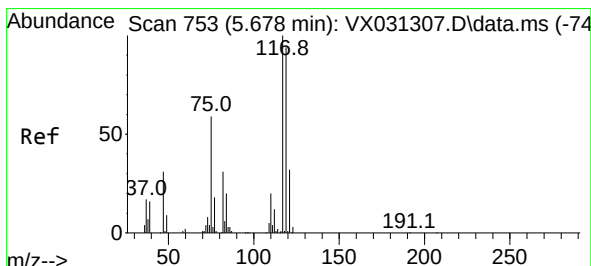
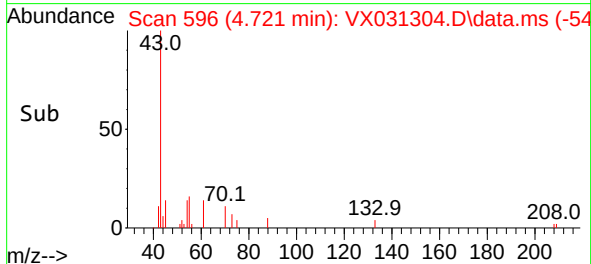
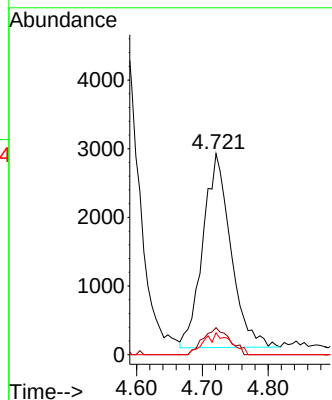
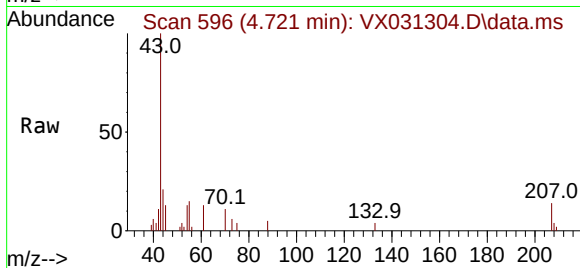
Tgt Ion:	43	Resp:	8340
Ion Ratio	Lower	Upper	
43	100		
61	13.0	11.1	16.7
70	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#38

Carbon Tetrachloride

Concen: 4.469 ug/l

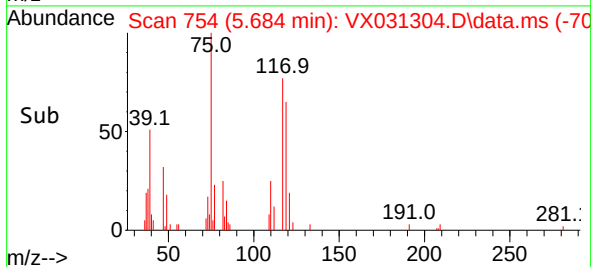
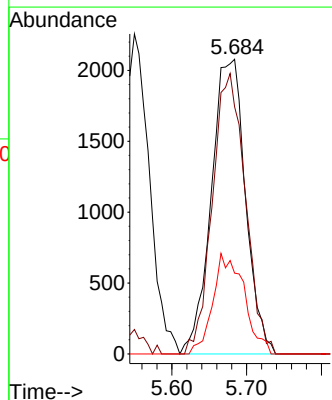
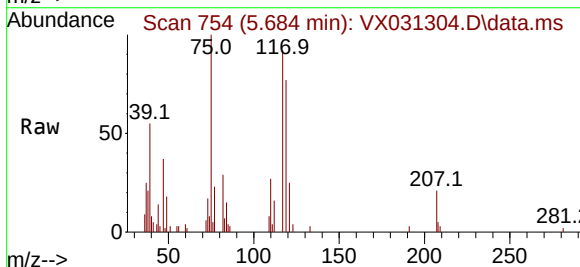
RT: 5.684 min Scan# 754

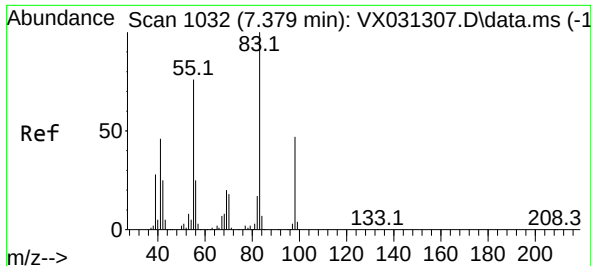
Delta R.T. 0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion:	117	Resp:	6610
Ion Ratio	Lower	Upper	
117	100		
119	83.8	74.6	112.0
121	27.4	25.3	37.9





#39

Methylcyclohexane

Concen: 4.714 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

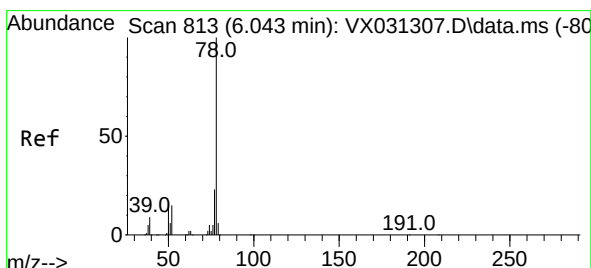
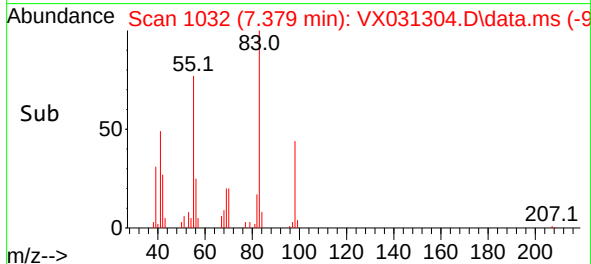
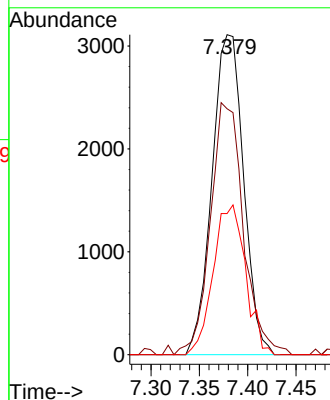
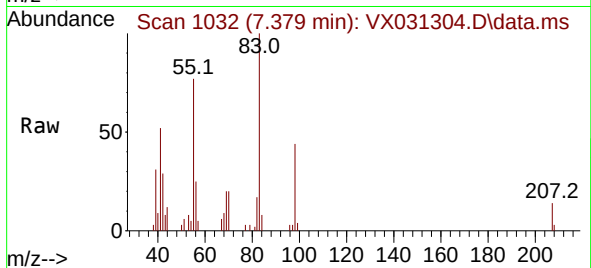
Tgt Ion: 83	Resp: 706
Ion Ratio	Lower Upper
83 100	
55 74.9	61.0 91.4
98 44.1	37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#40

Benzene

Concen: 4.593 ug/l

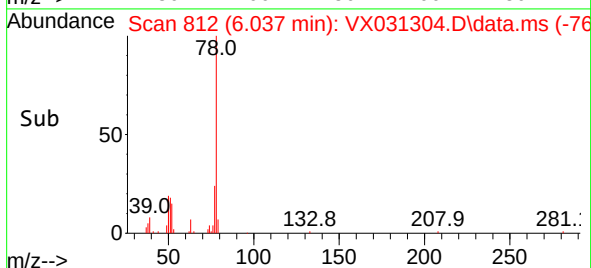
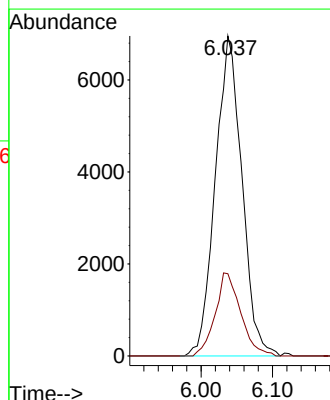
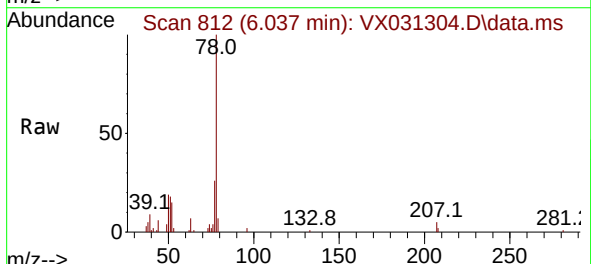
RT: 6.037 min Scan# 812

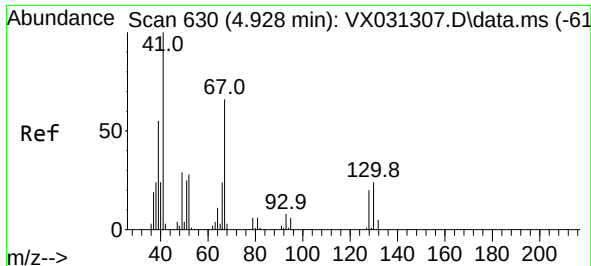
Delta R.T. -0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion: 78	Resp: 17945
Ion Ratio	Lower Upper
78 100	
77 25.7	18.7 28.1





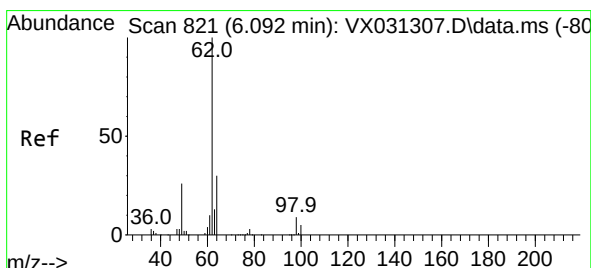
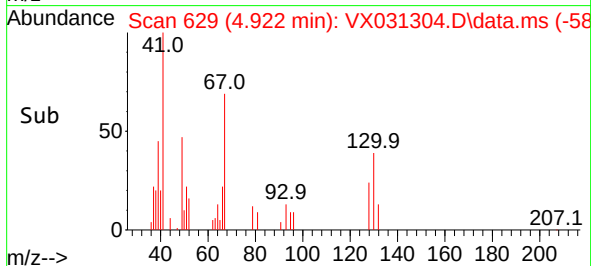
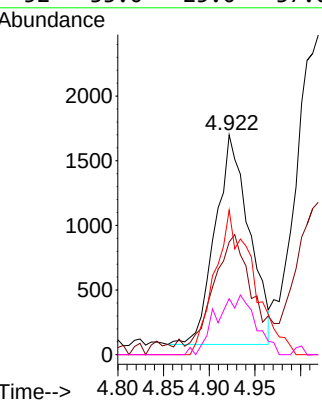
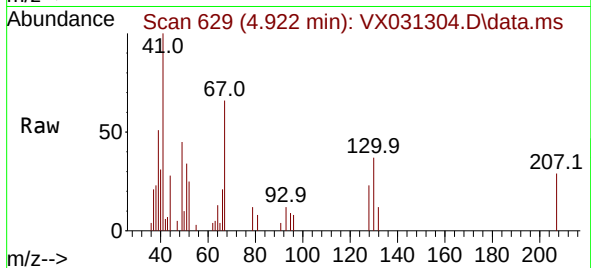
#41
Methacrylonitrile
Concen: 4.331 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41	Resp: 419
Ion Ratio	Lower Upper
41 100	
39 65.1	45.0 67.6
67 77.7	58.2 87.4
52 33.0	25.0 37.6

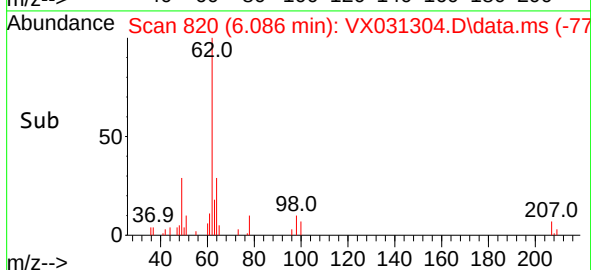
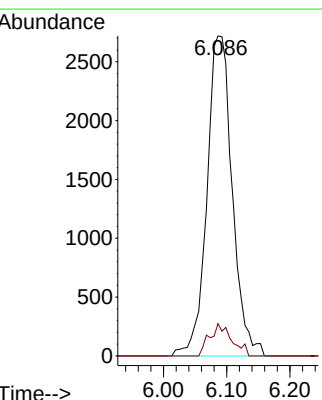
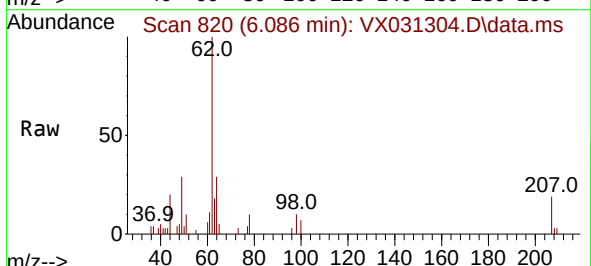
Manual Integrations
APPROVED

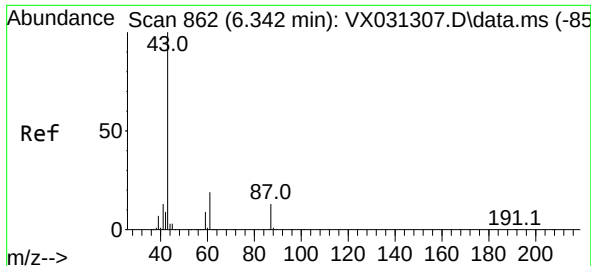
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#42
1,2-Dichloroethane
Concen: 4.785 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 62	Resp: 7541
Ion Ratio	Lower Upper
62 100	
98 8.8	0.0 17.8





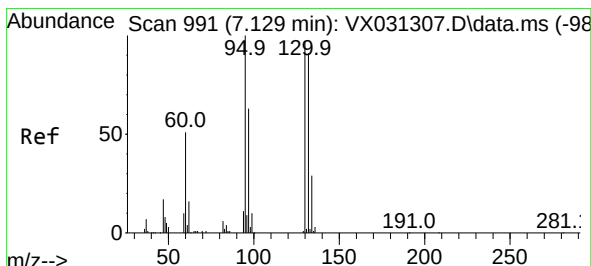
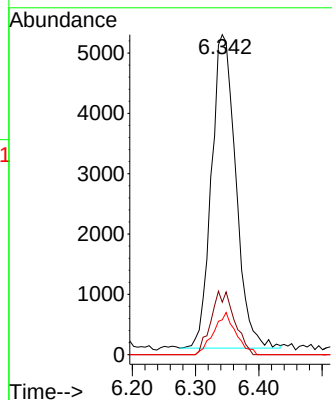
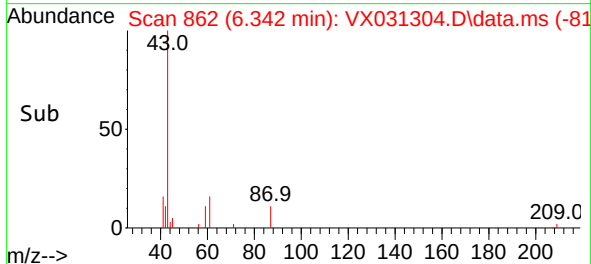
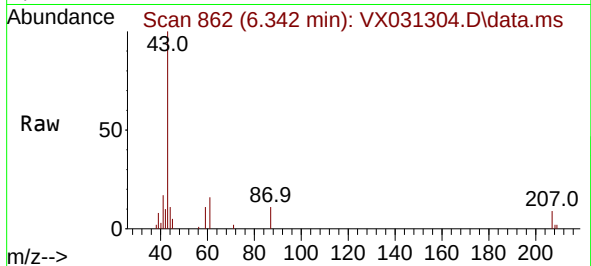
#43
Isopropyl Acetate
Concen: 4.552 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
61 19.5 15.3 22.9
87 12.2 10.6 15.8

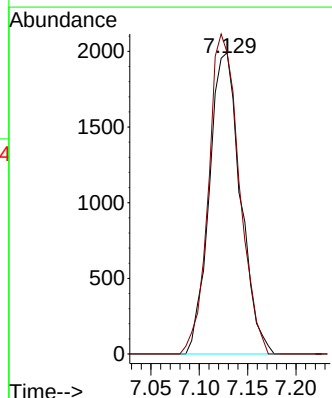
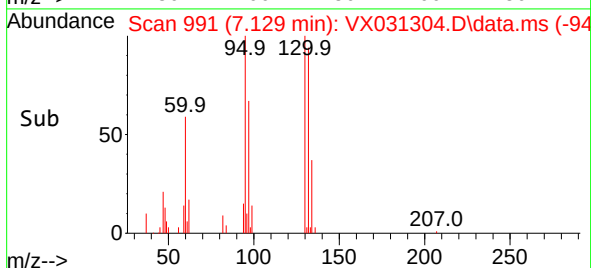
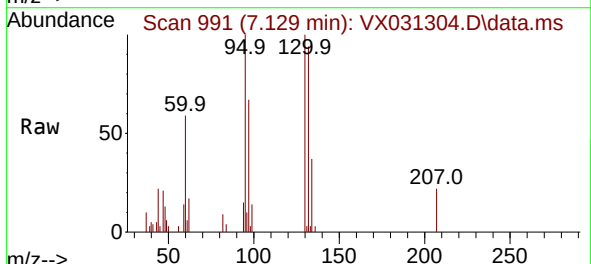
Manual Integrations
APPROVED

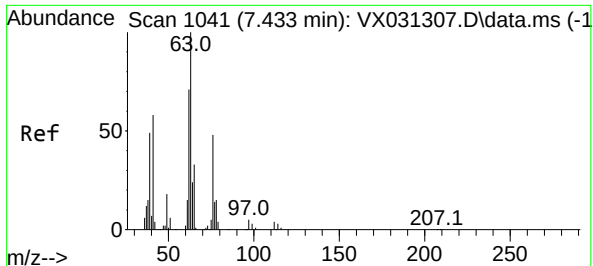
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#44
Trichloroethene
Concen: 4.483 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:130 Resp: 4466
Ion Ratio Lower Upper
130 100
95 100.1 0.0 206.8





#45

1,2-Dichloropropane

Concen: 4.636 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 4958

Ion Ratio Lower Upper

63 100

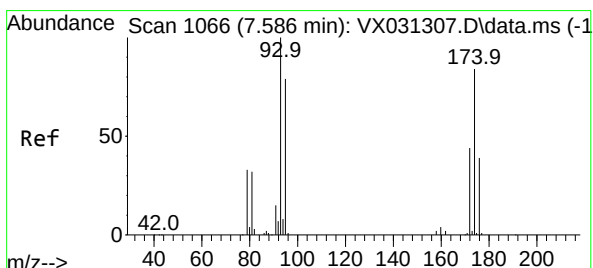
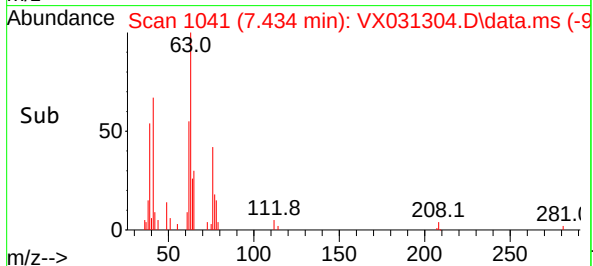
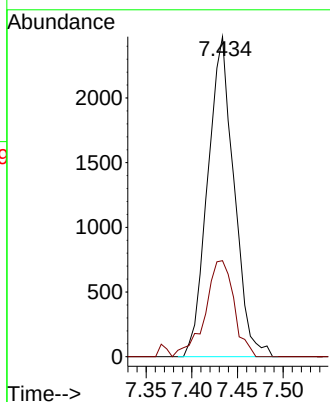
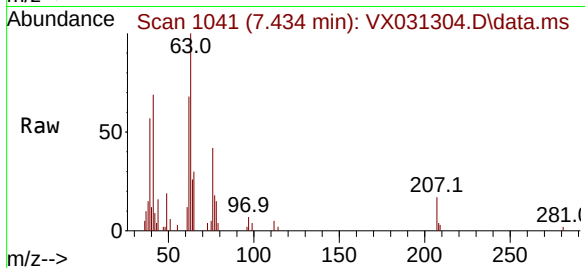
65 30.0 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#46

Dibromomethane

Concen: 4.545 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

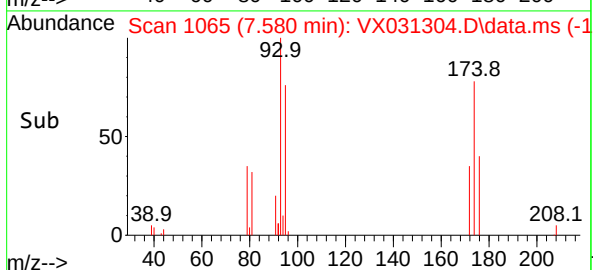
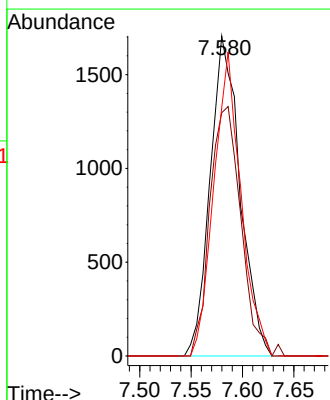
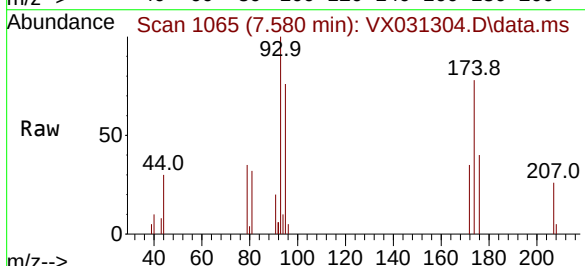
Tgt Ion: 93 Resp: 3448

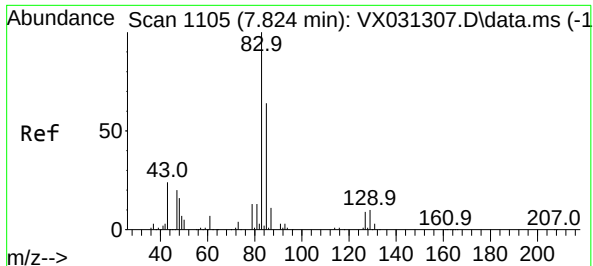
Ion Ratio Lower Upper

93 100

95 81.2 65.5 98.3

174 86.3 67.6 101.4





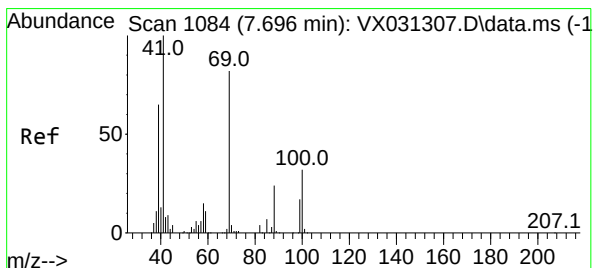
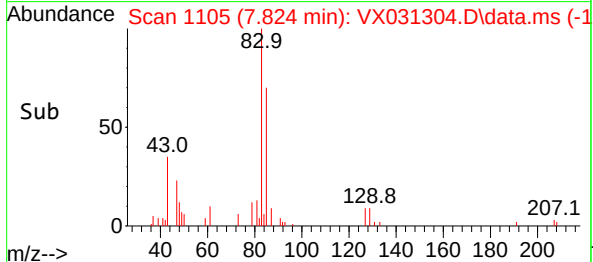
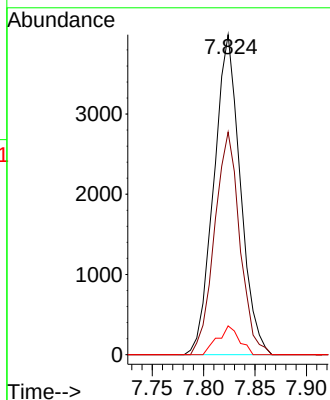
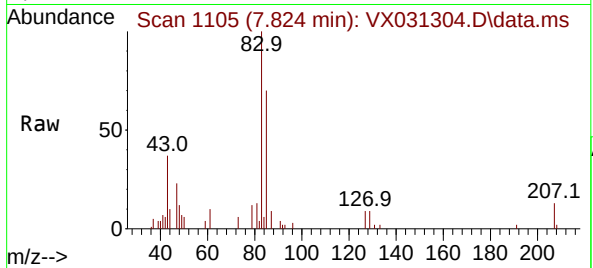
#47
Bromodichloromethane
Concen: 4.525 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 7139
Ion Ratio Lower Upper
83 100
85 69.6 51.0 76.6
127 9.0 7.0 10.6

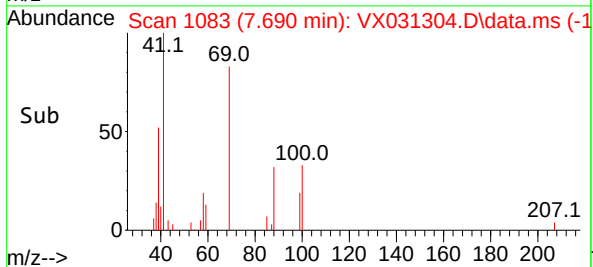
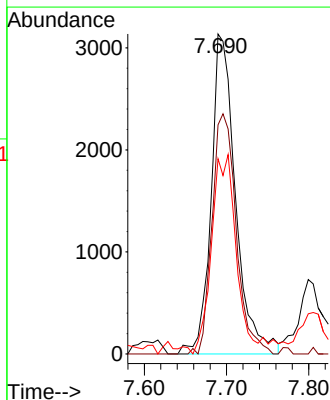
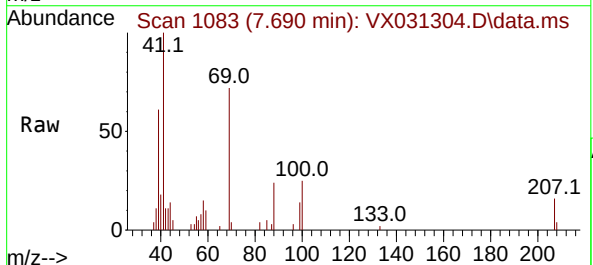
Manual Integrations
APPROVED

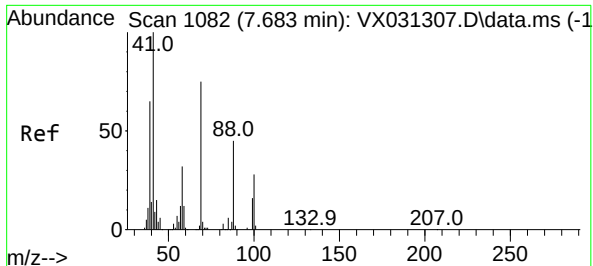
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#48
Methyl methacrylate
Concen: 4.665 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 41 Resp: 6482
Ion Ratio Lower Upper
41 100
69 74.2 64.6 96.8
39 62.2 51.4 77.0





#49

1,4-Dioxane

Concen: 100.955 ug/l m

RT: 7.696 min Scan# 1084

Delta R.T. 0.012 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

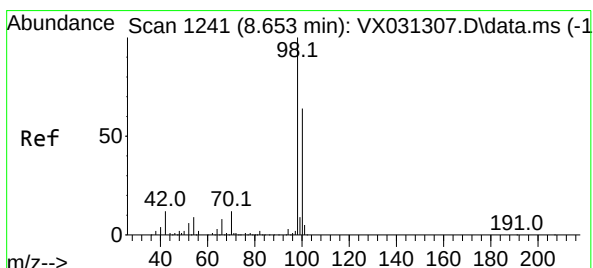
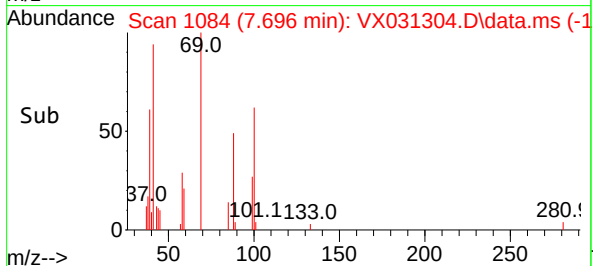
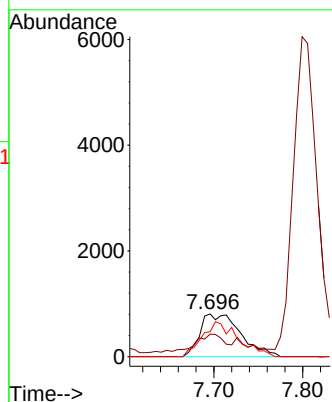
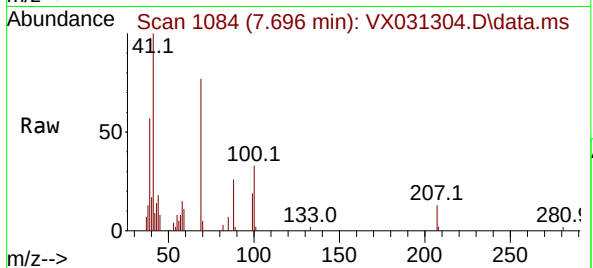
Tgt Ion: 88	Resp: 256
Ion Ratio	Lower Upper
88 100	
43 32.3	27.1 40.7
58 71.8	53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#50

Toluene-d8

Concen: 4.915 ug/l

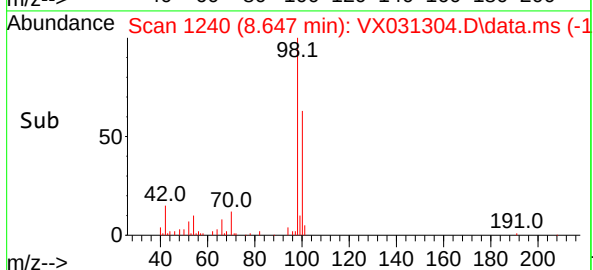
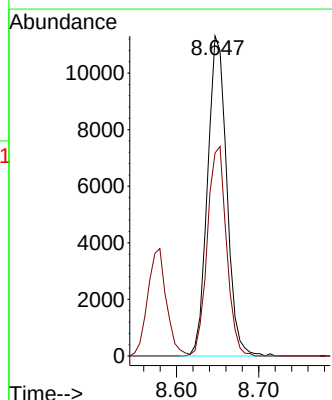
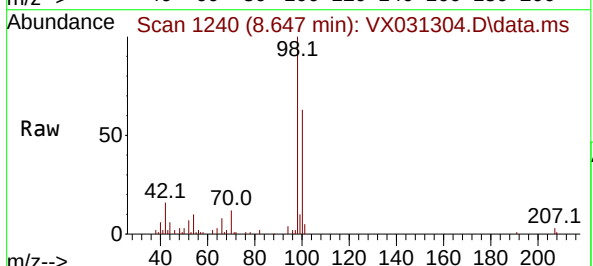
RT: 8.647 min Scan# 1240

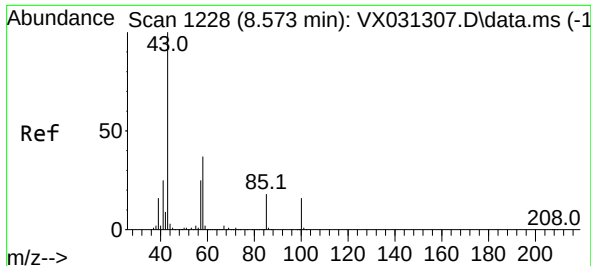
Delta R.T. -0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion: 98	Resp: 18327
Ion Ratio	Lower Upper
98 100	
100 65.3	52.5 78.7





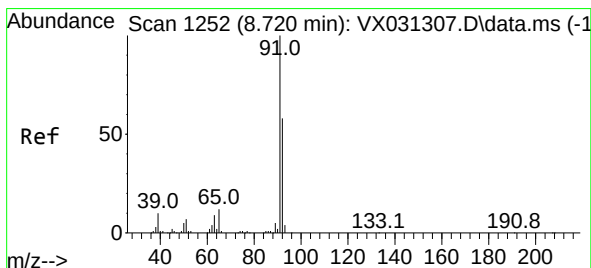
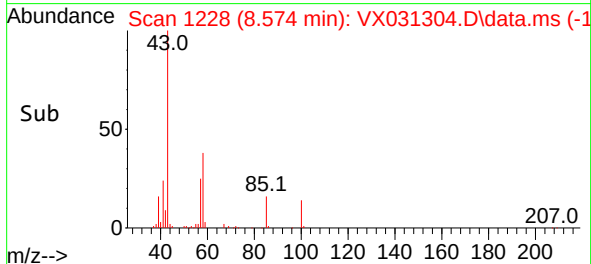
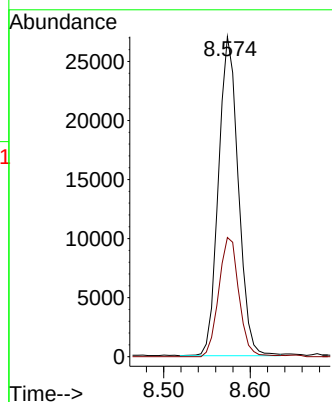
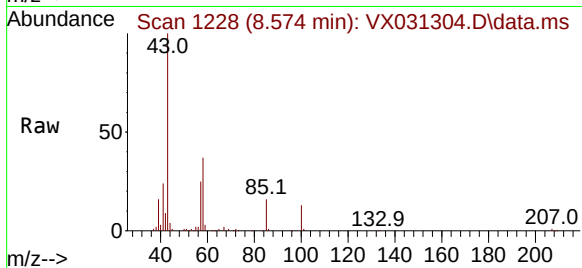
#51
4-Methyl-2-Pentanone
Concen: 23.167 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 42980
Ion Ratio Lower Upper
43 100
58 38.0 30.6 46.0

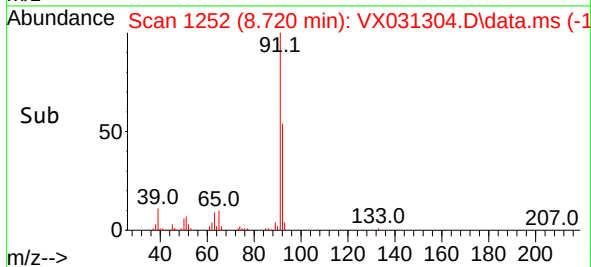
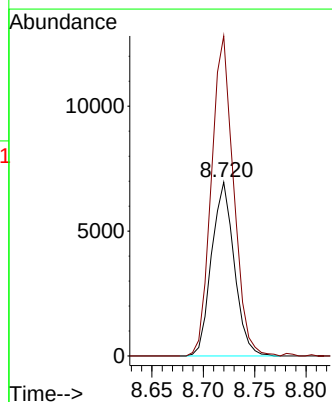
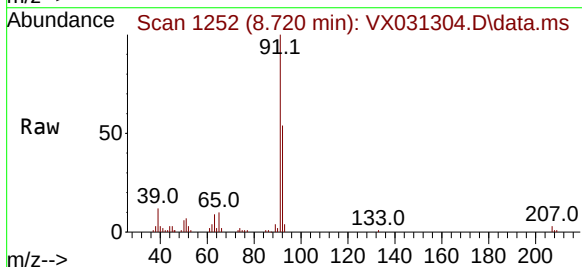
Manual Integrations
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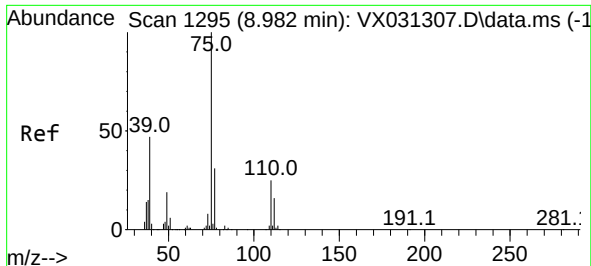
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#52
Toluene
Concen: 4.307 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 92 Resp: 10646
Ion Ratio Lower Upper
92 100
91 180.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 4.620 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 820

Ion Ratio Lower Upper

75 100

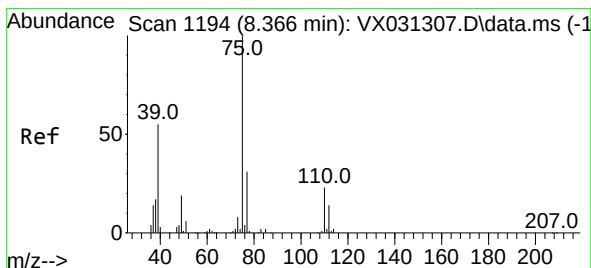
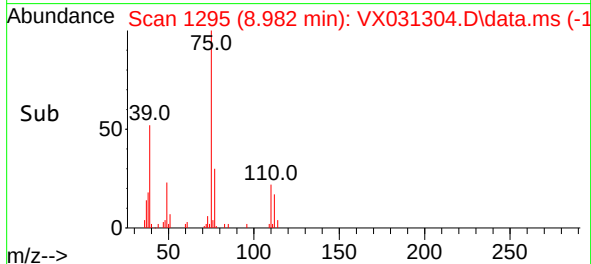
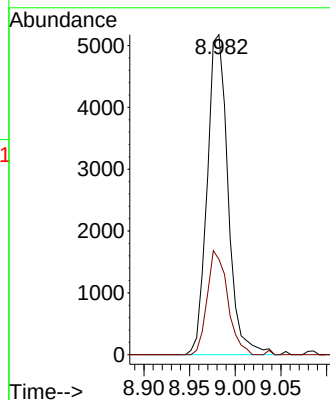
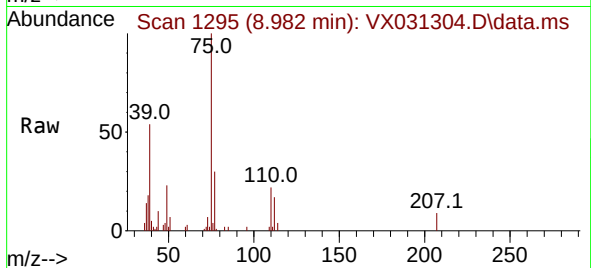
77 29.8 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#54

cis-1,3-Dichloropropene

Concen: 4.483 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

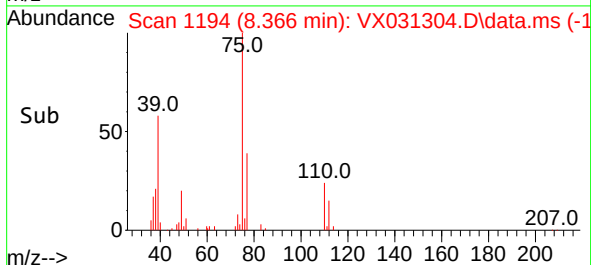
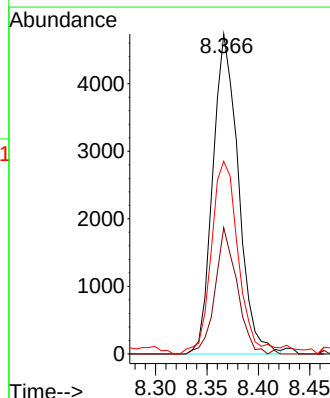
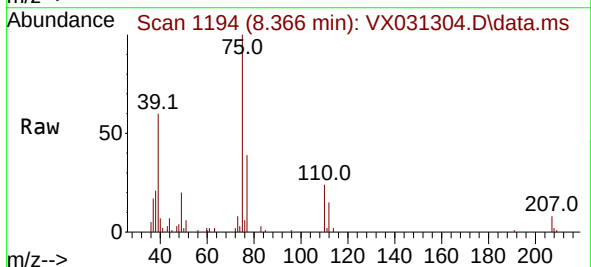
Tgt Ion: 75 Resp: 8181

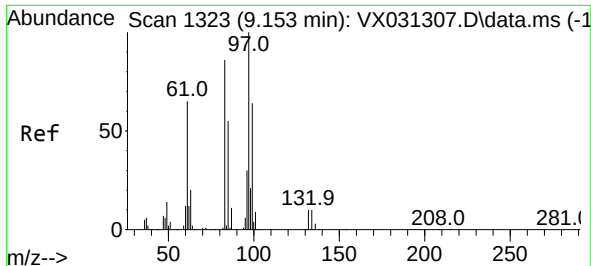
Ion Ratio Lower Upper

75 100

77 39.5 24.4 36.6

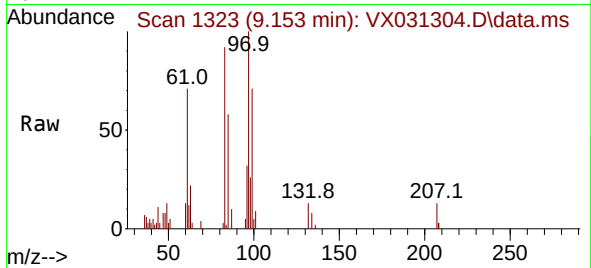
39 60.2 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 4.441 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

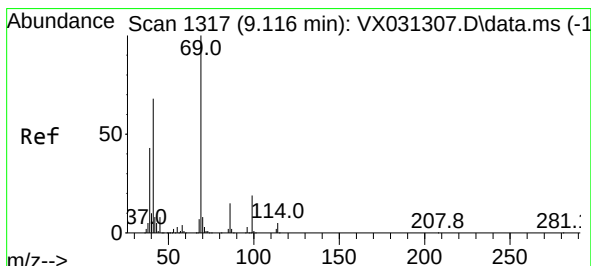
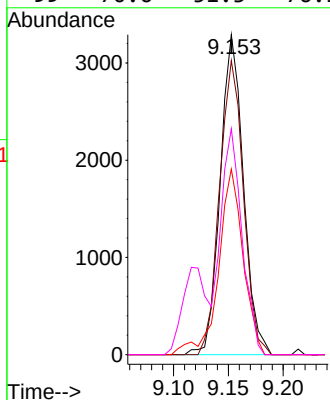
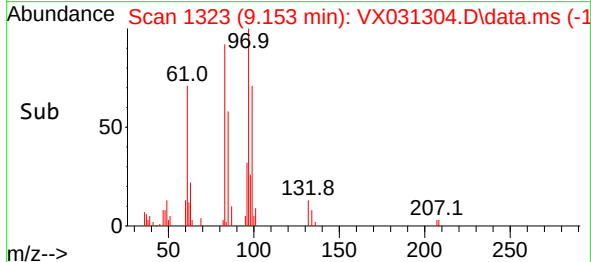
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



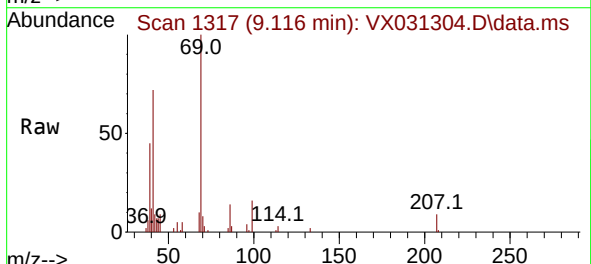
Tgt Ion:	97	Resp:	484
Ion	Ratio	Lower	Upper
97	100		
83	91.9	69.0	103.6
85	58.0	44.1	66.1
99	70.6	51.3	76.9

Manual Integrations
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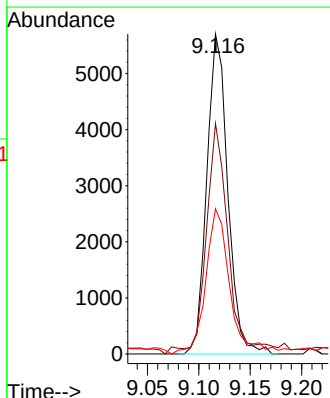
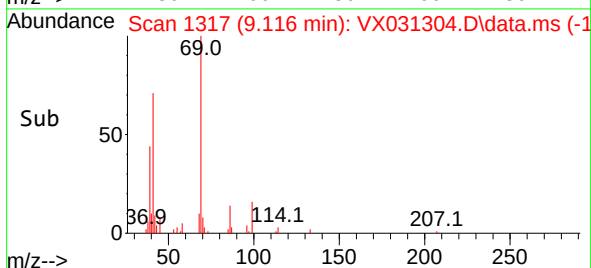
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

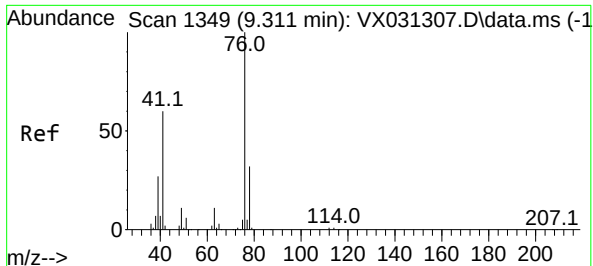


#56
Ethyl methacrylate
Concen: 4.580 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



Tgt Ion:	69	Resp:	8090
Ion	Ratio	Lower	Upper
69	100		
41	77.6	54.2	81.4
39	52.8	34.2	51.2





#57

1,3-Dichloropropane

Concen: 4.659 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 873

Ion Ratio Lower Upper

76 100

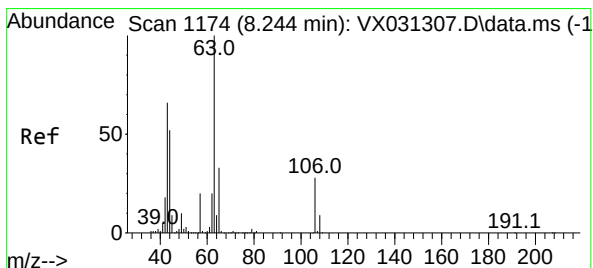
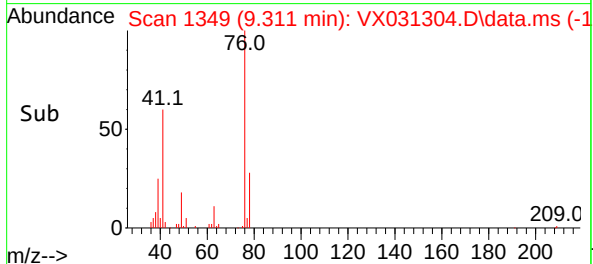
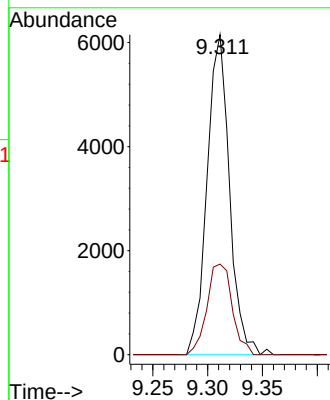
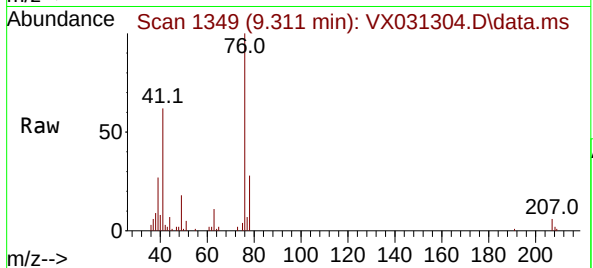
78 31.9 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 25.867 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031304.D

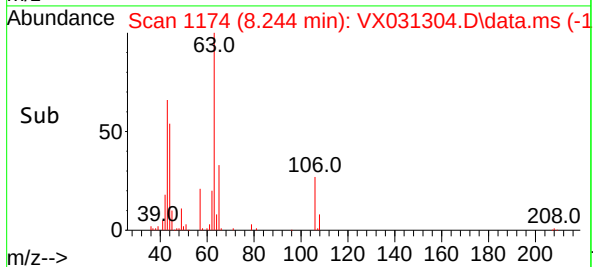
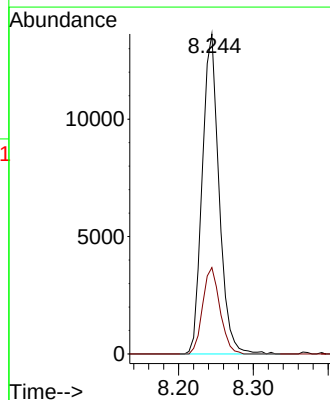
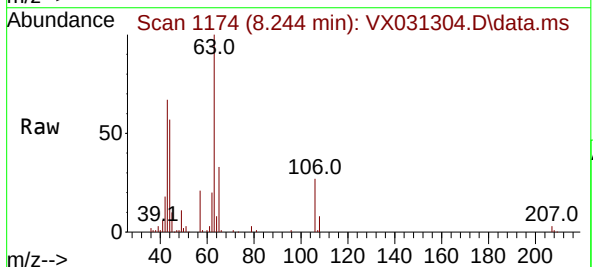
Acq: 14 Sep 2022 12:49

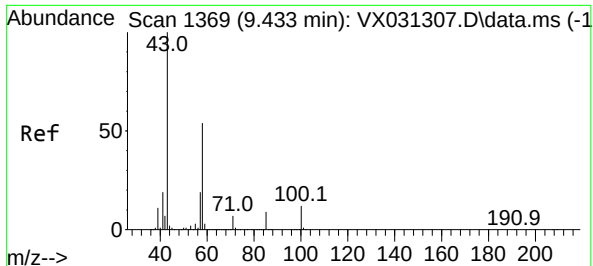
Tgt Ion: 63 Resp: 21287

Ion Ratio Lower Upper

63 100

106 27.6 22.6 34.0





#59

2-Hexanone

Concen: 23.583 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

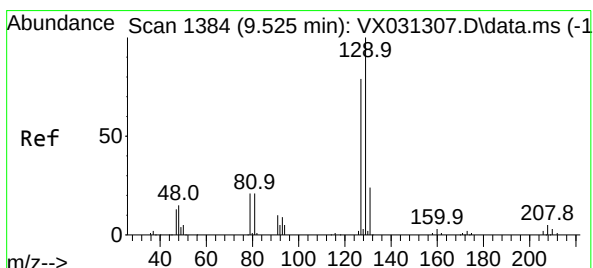
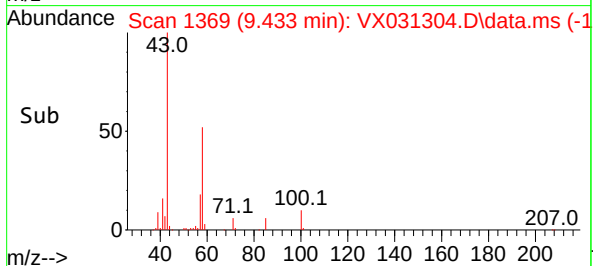
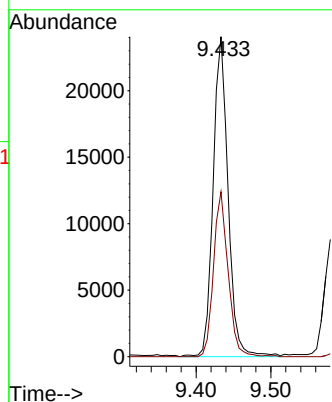
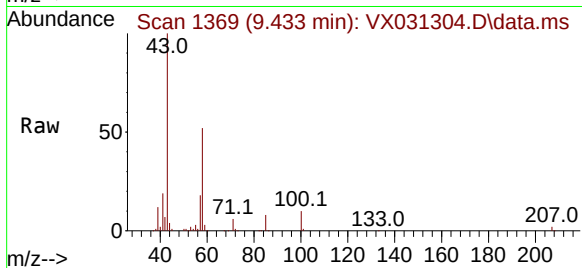
58 50.1 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#60

Dibromochloromethane

Concen: 4.450 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX031304.D

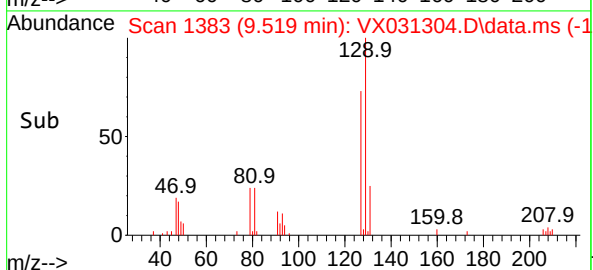
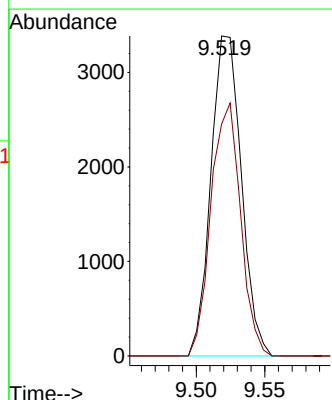
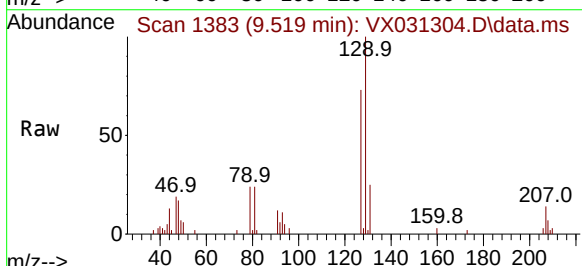
Acq: 14 Sep 2022 12:49

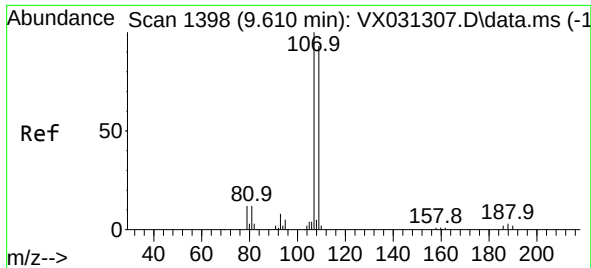
Tgt Ion:129 Resp: 5234

Ion Ratio Lower Upper

129 100

127 76.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.331 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

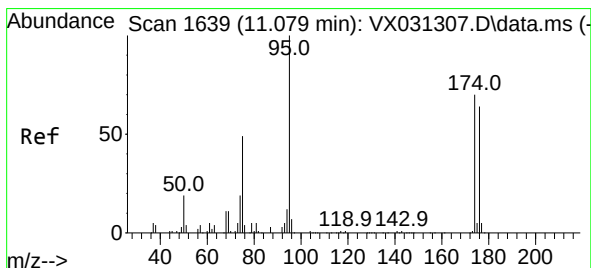
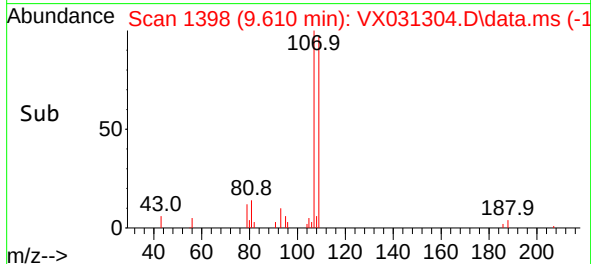
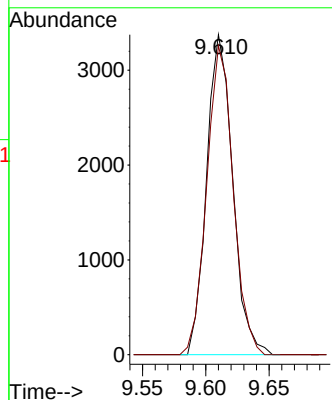
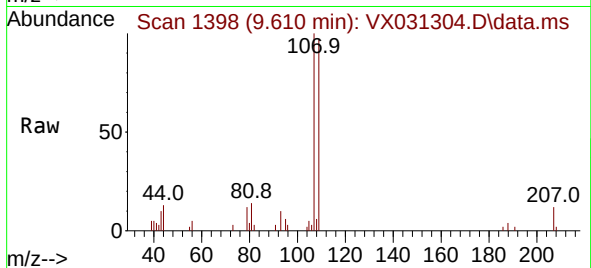
VSTDICC005

Tgt Ion:107 Resp: 4849
Ion Ratio Lower Upper
107 100
109 97.8 74.2 111.4

Manual Integrations

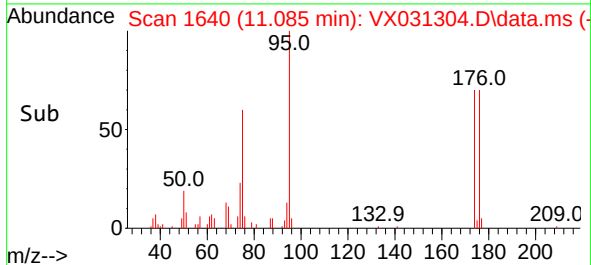
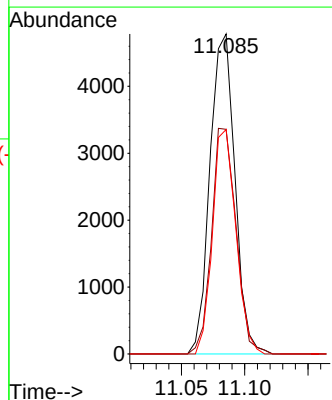
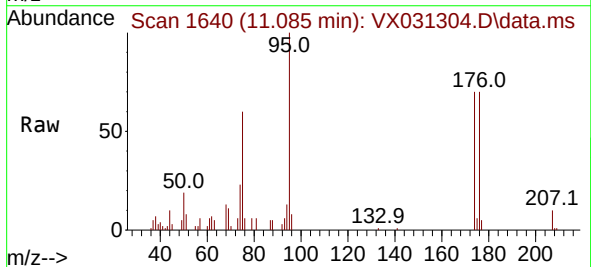
APPROVED

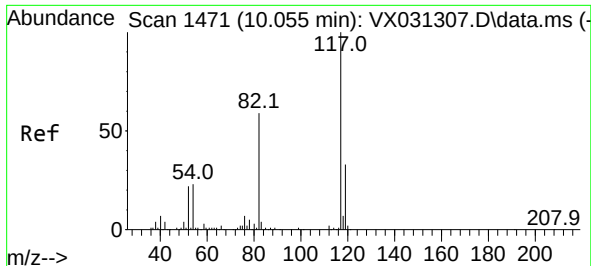
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#62
4-Bromofluorobenzene
Concen: 4.805 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

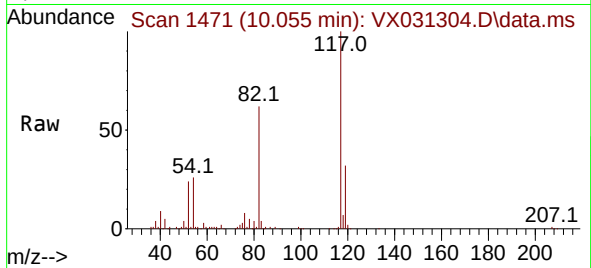
Tgt Ion: 95 Resp: 6561
Ion Ratio Lower Upper
95 100
174 69.1 0.0 153.2
176 65.8 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

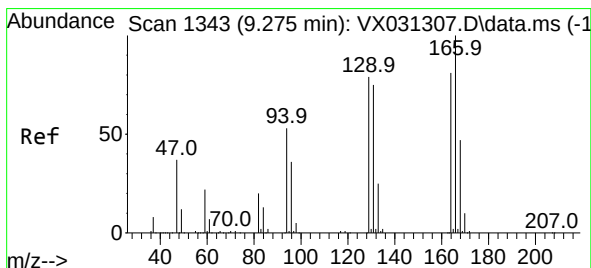
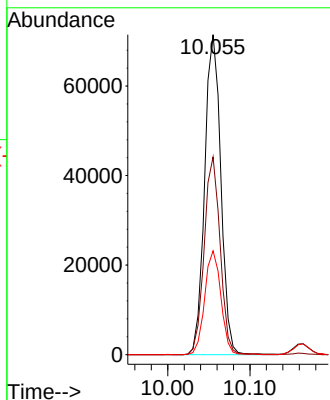
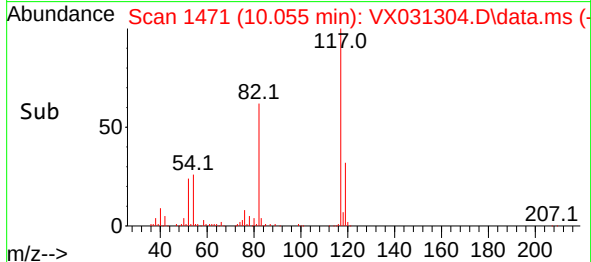
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 97588
Ion Ratio Lower Upper
117 100
82 61.8 46.8 70.2
119 32.5 26.4 39.6

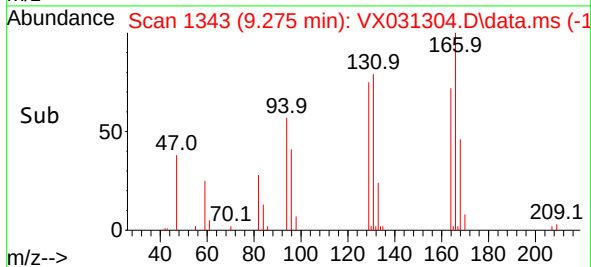
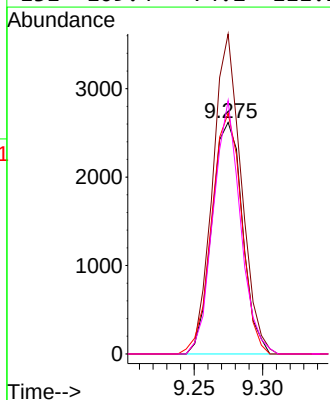
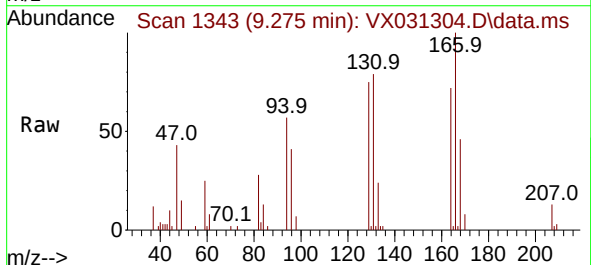
Manual Integrations
APPROVED

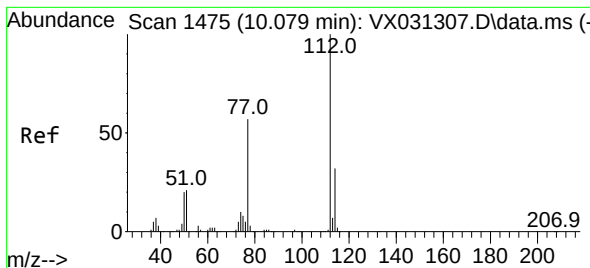
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#64
Tetrachloroethene
Concen: 4.551 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

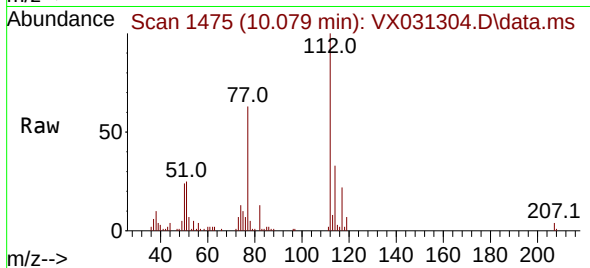
Tgt Ion:164 Resp: 4061
Ion Ratio Lower Upper
164 100
166 138.2 99.0 148.4
129 104.0 78.0 117.0
131 109.4 74.2 111.2





#65
Chlorobenzene
Concen: 4.573 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

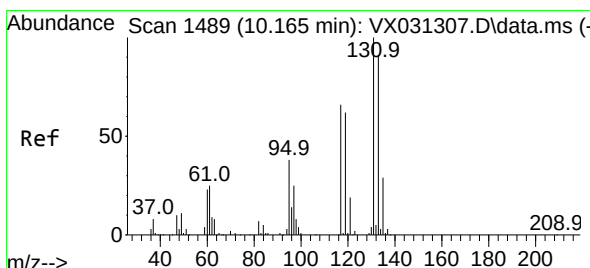
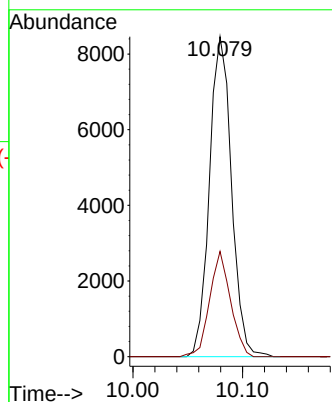
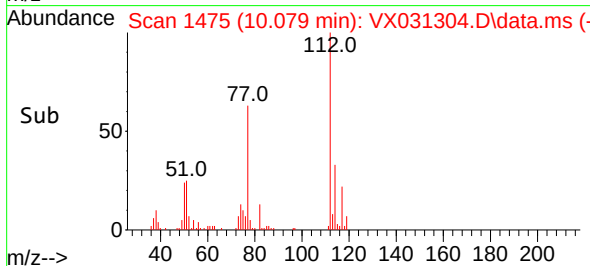
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 11820
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

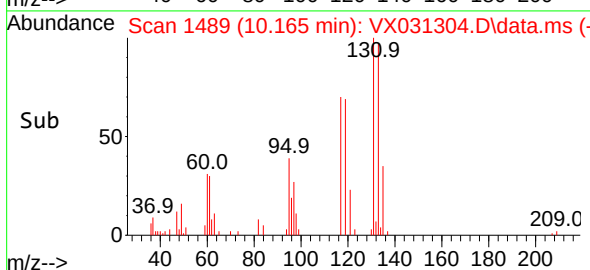
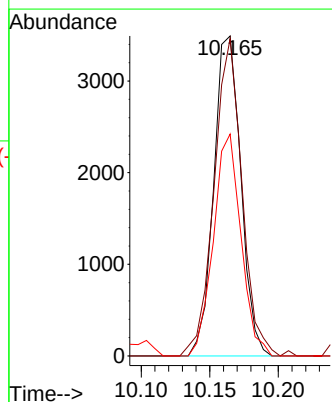
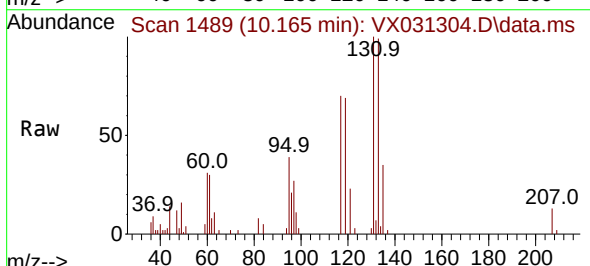
Manual Integrations
APPROVED

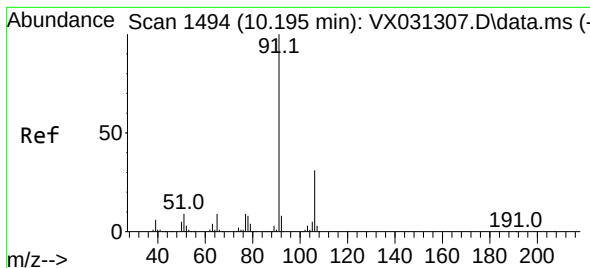
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.712 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:131 Resp: 4798
Ion Ratio Lower Upper
131 100
133 102.5 46.6 139.7
119 70.6 31.9 95.9





#67

Ethyl Benzene

Concen: 4.621 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 2163

Ion Ratio Lower Upper

91 100

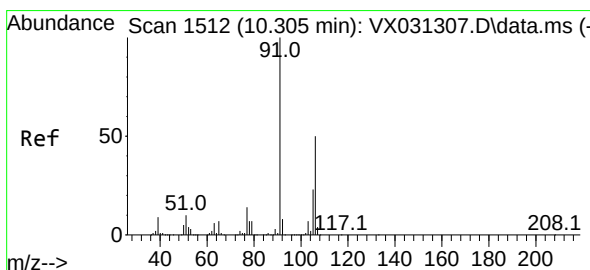
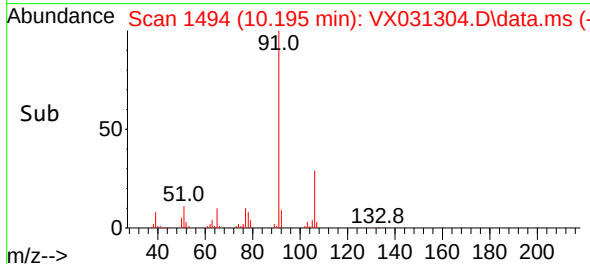
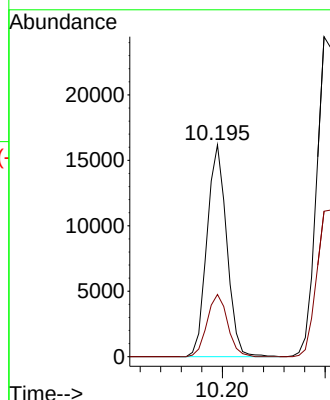
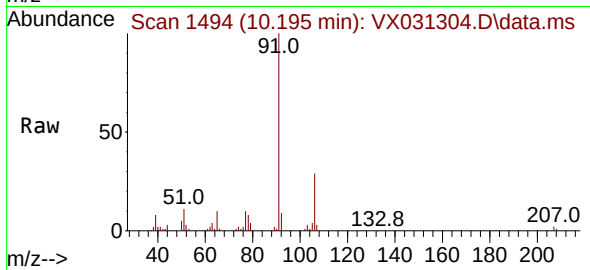
106 29.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#68

m/p-Xylenes

Concen: 9.063 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031304.D

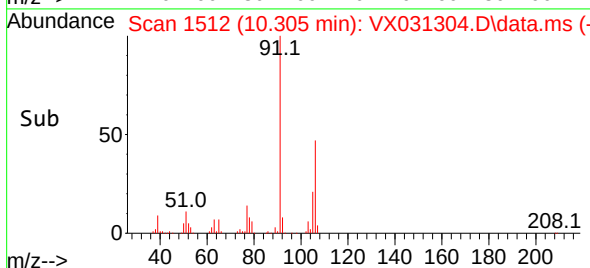
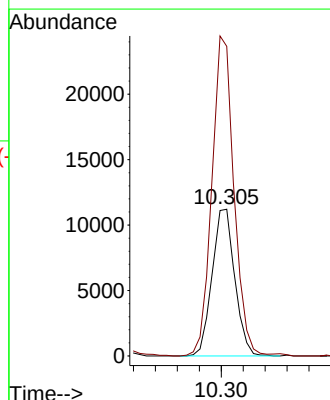
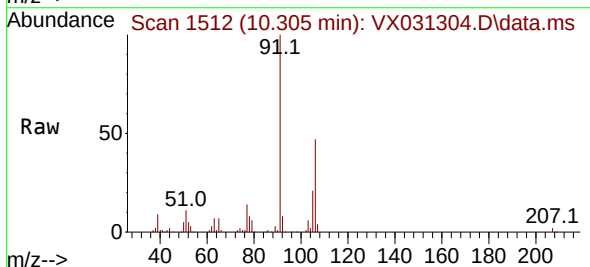
Acq: 14 Sep 2022 12:49

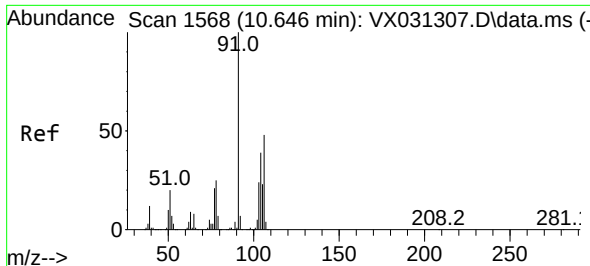
Tgt Ion:106 Resp: 16110

Ion Ratio Lower Upper

106 100

91 212.9 161.0 241.4





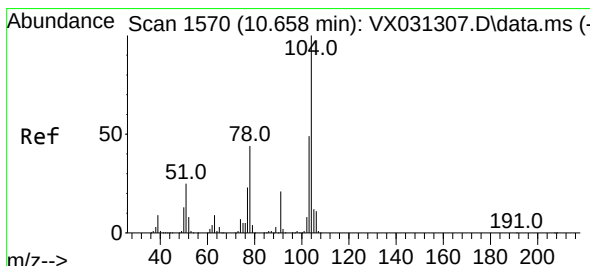
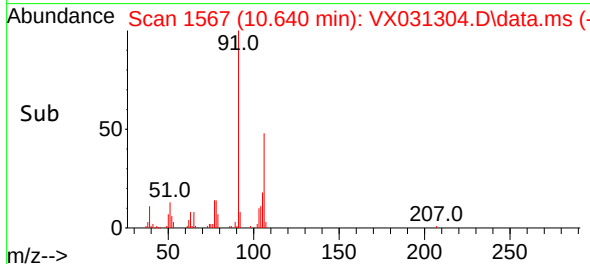
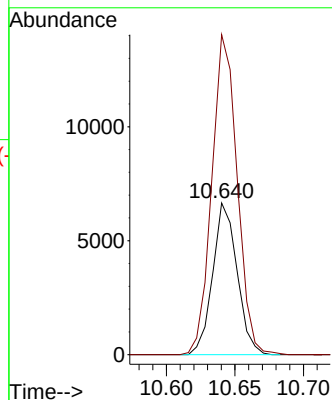
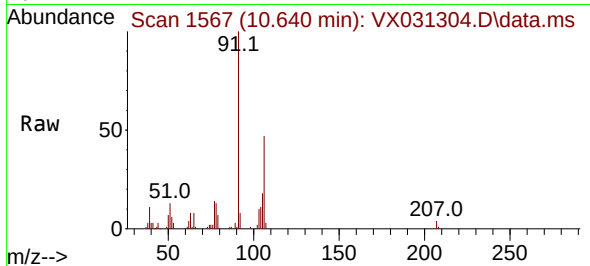
#69
o-Xylene
Concen: 4.558 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 8230
Ion Ratio Lower Upper
106 100
91 219.4 107.2 321.6

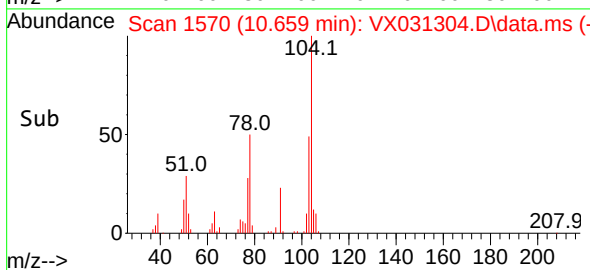
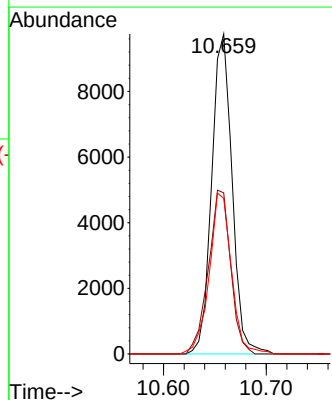
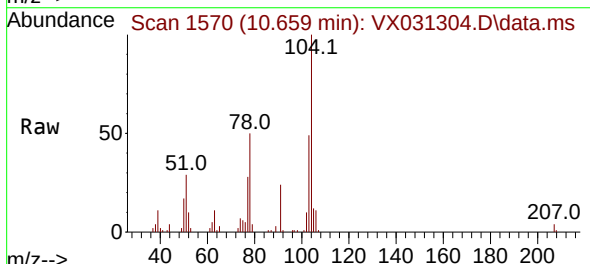
Manual Integrations
APPROVED

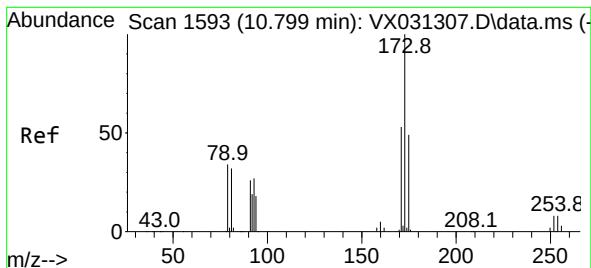
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#70
Styrene
Concen: 4.565 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:104 Resp: 13402
Ion Ratio Lower Upper
104 100
78 55.9 41.4 62.2
103 54.5 43.8 65.8





#71

Bromoform

Concen: 4.249 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

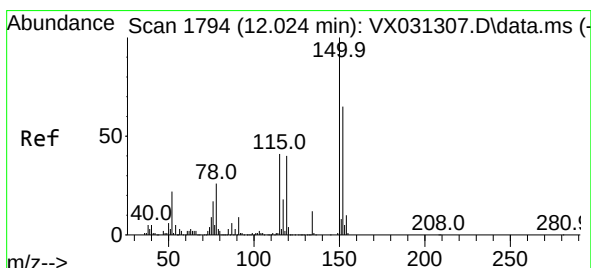
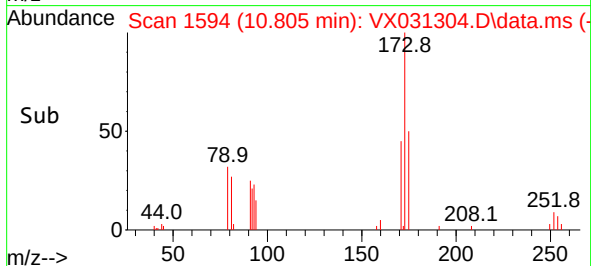
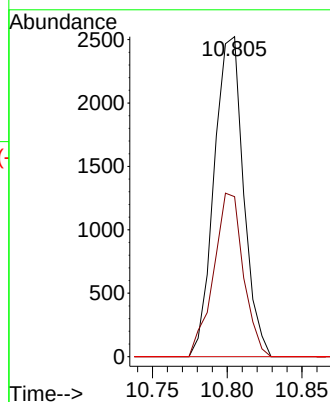
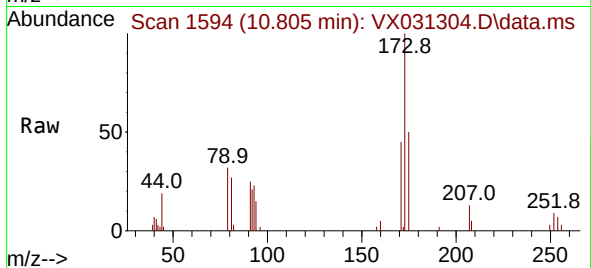
Tgt Ion:	173	Resp:	344
Ion Ratio	Lower	Upper	
173	100		
175	51.7	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

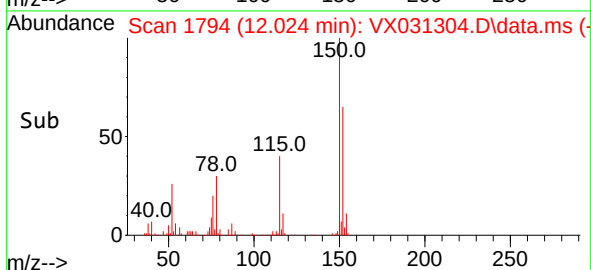
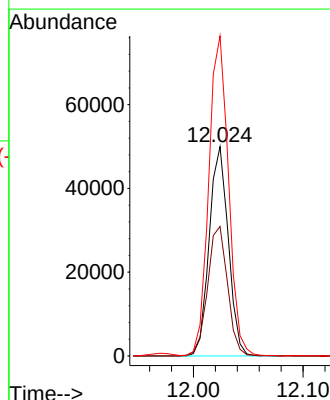
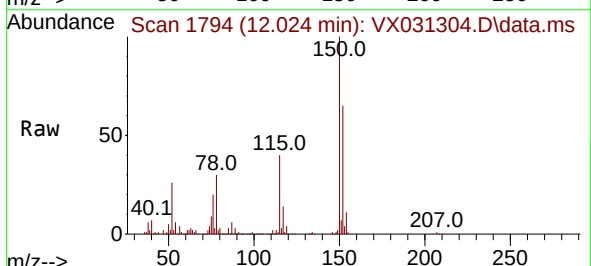
RT: 12.024 min Scan# 1794

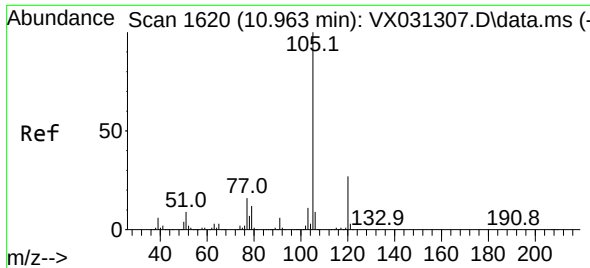
Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion:	152	Resp:	60544
Ion Ratio	Lower	Upper	
152	100		
115	64.6	43.4	130.1
150	157.6	0.0	346.8





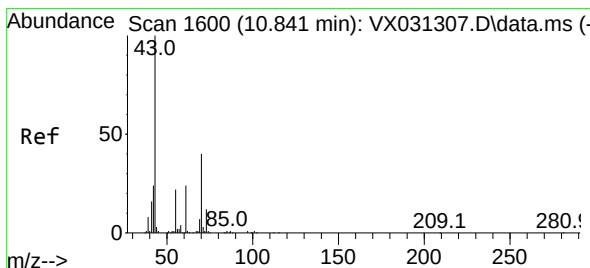
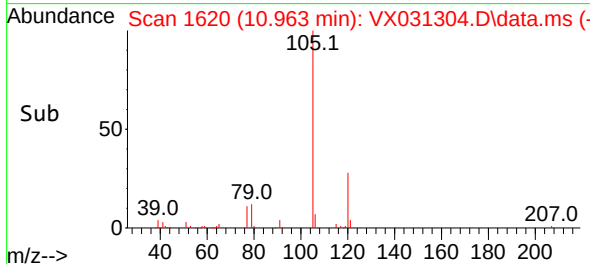
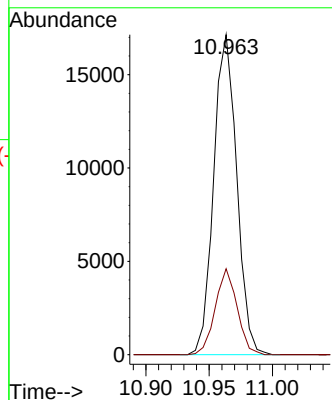
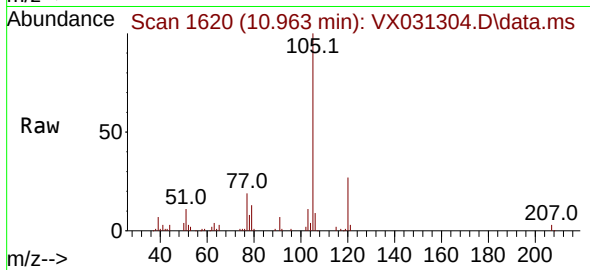
#73
Isopropylbenzene
Concen: 4.847 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 21679
Ion Ratio Lower Upper
105 100
120 25.5 13.7 41.0

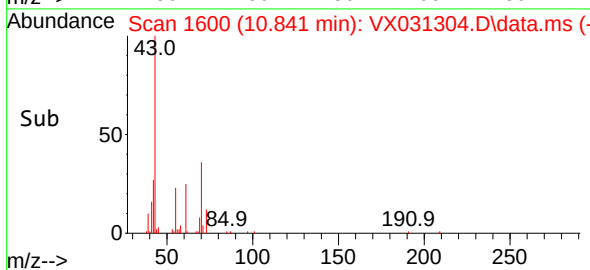
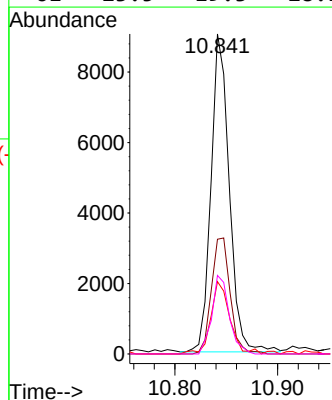
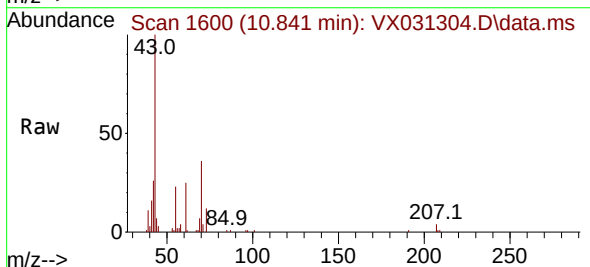
Manual Integrations
APPROVED

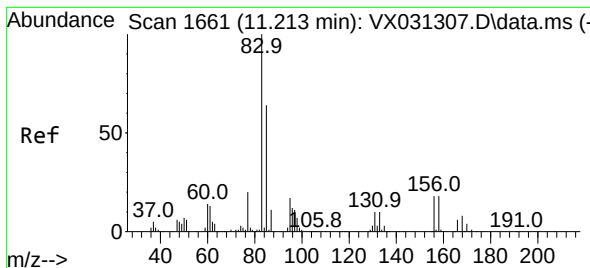
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#74
N-ethyl acetate
Concen: 5.004 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 43 Resp: 11124
Ion Ratio Lower Upper
43 100
70 37.5 33.4 50.2
55 23.7 18.2 27.2
61 23.5 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 4.931 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

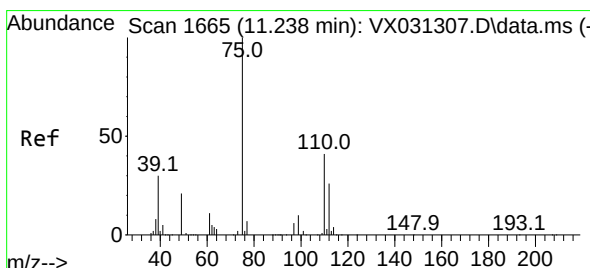
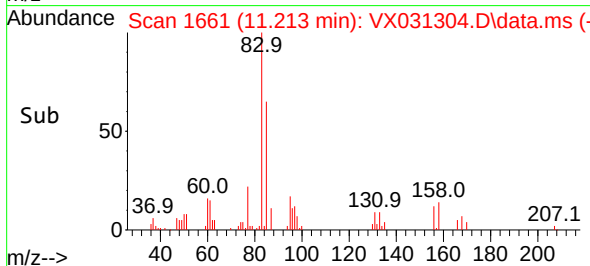
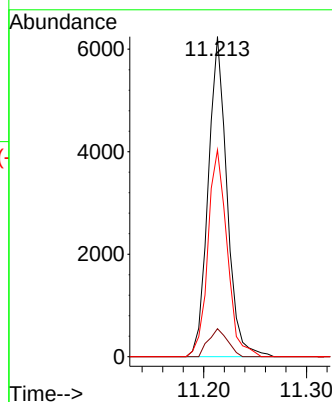
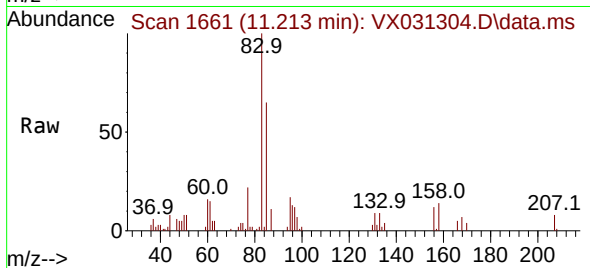
Tgt Ion:	83	Resp:	792
Ion Ratio	Lower	Upper	
83	100		
131	8.9	5.1	15.4
85	66.1	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#76

1,2,3-Trichloropropane

Concen: 4.610 ug/l m

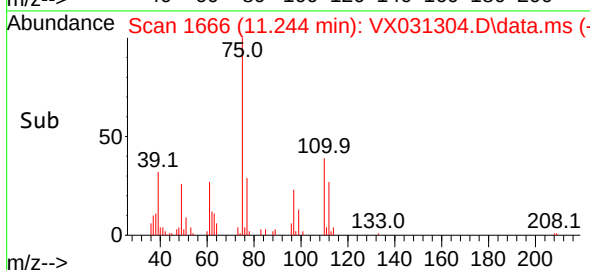
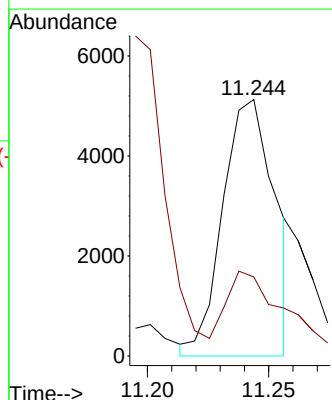
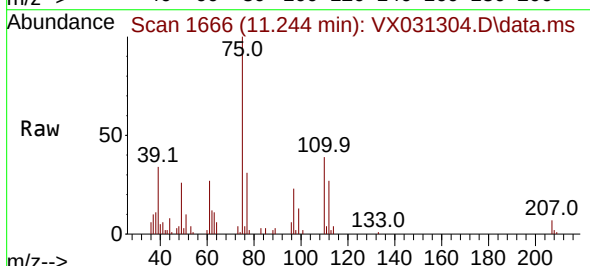
RT: 11.244 min Scan# 1666

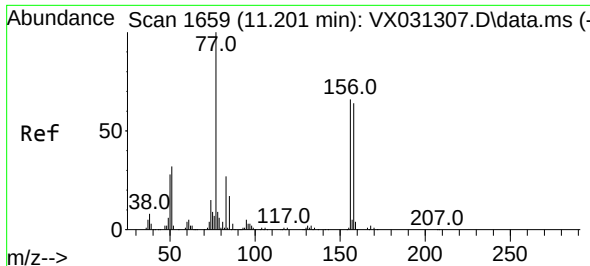
Delta R.T. 0.006 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Tgt Ion:	75	Resp:	7677
Ion Ratio	Lower	Upper	
75	100		
77	37.9	20.3	60.9





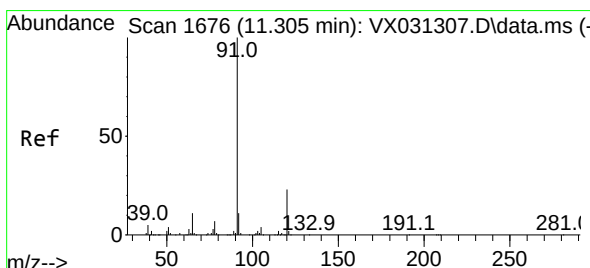
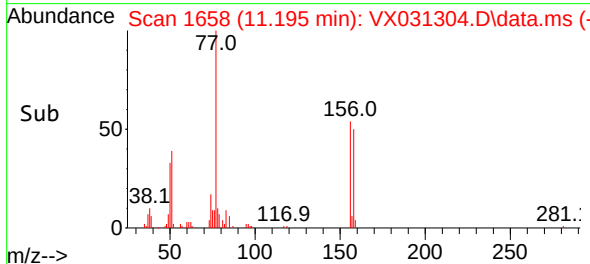
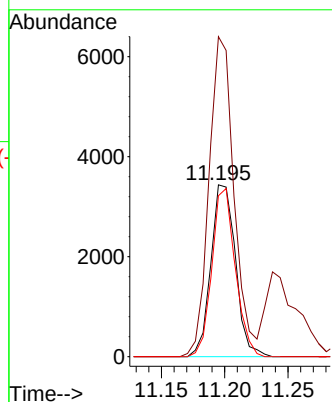
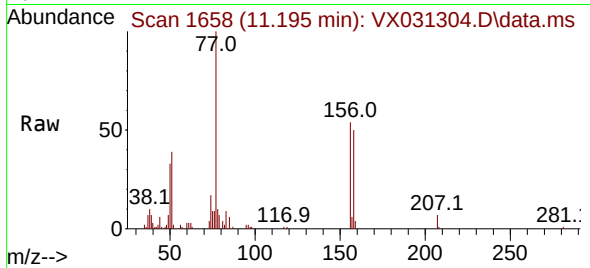
#77
Bromobenzene
Concen: 4.563 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 465
Ion Ratio Lower Upper
156 100
77 189.2 79.5 238.6
158 93.1 48.4 145.3

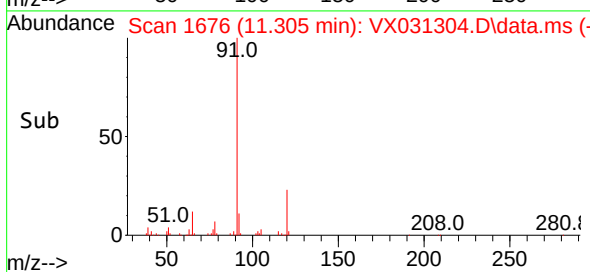
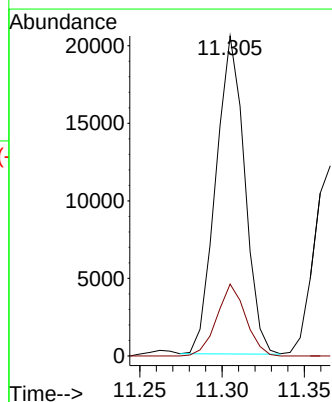
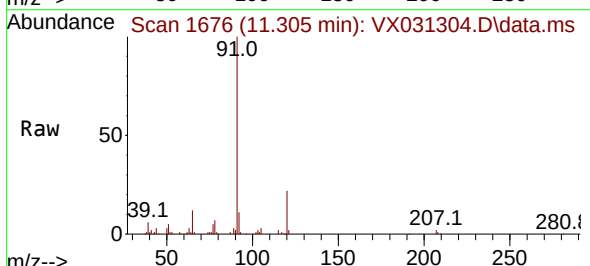
Manual Integrations
APPROVED

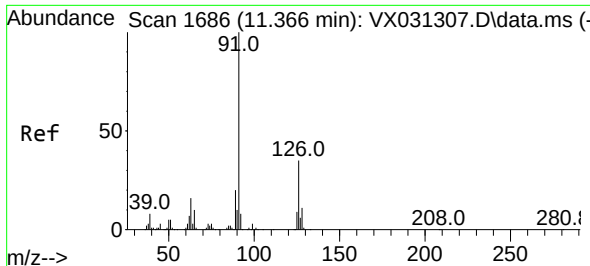
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#78
n-propylbenzene
Concen: 4.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 91 Resp: 25012
Ion Ratio Lower Upper
91 100
120 22.5 11.8 35.4





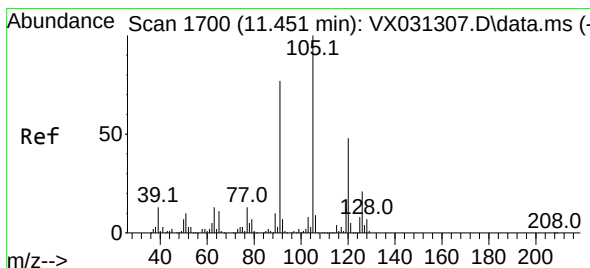
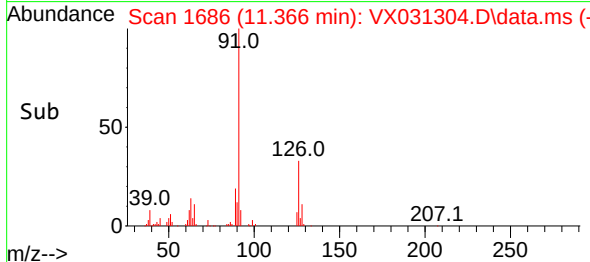
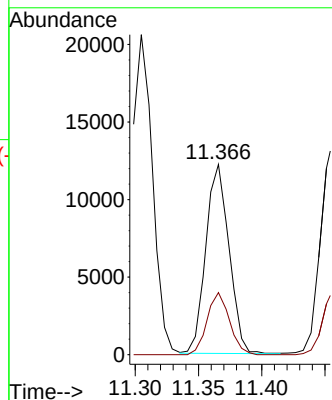
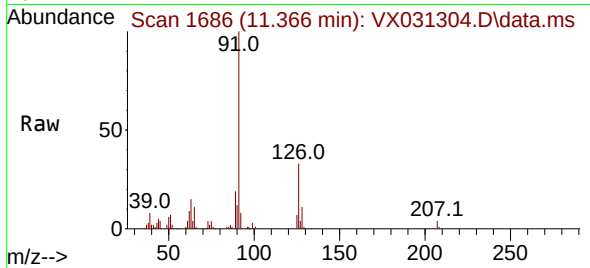
#79
2-Chlorotoluene
Concen: 4.855 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 1559
Ion Ratio Lower Upper
91 100
126 31.6 17.4 52.3

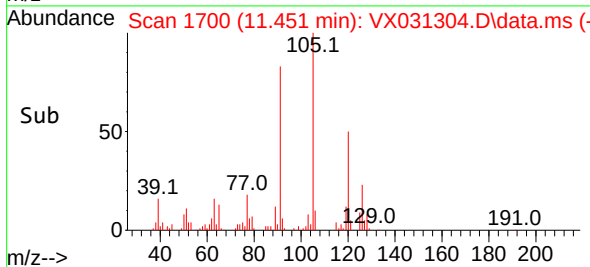
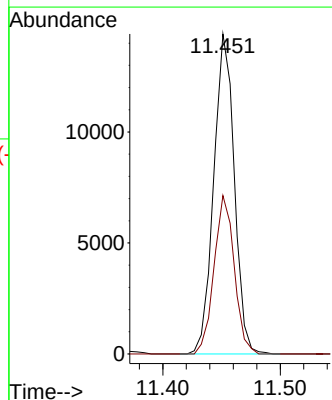
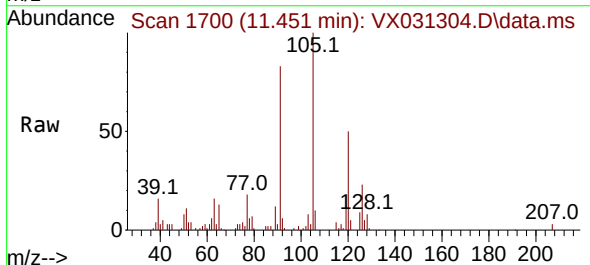
Manual Integrations
APPROVED

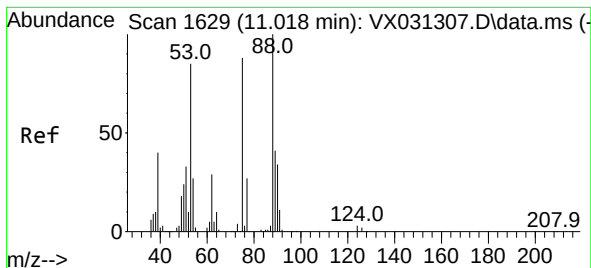
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.672 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:105 Resp: 17504
Ion Ratio Lower Upper
105 100
120 48.6 24.5 73.5





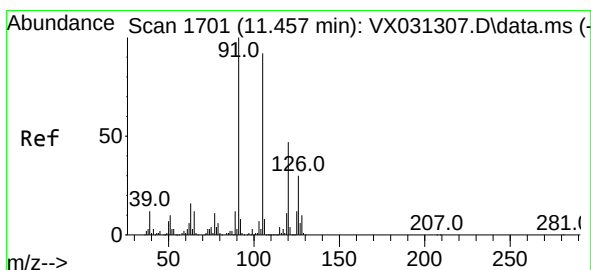
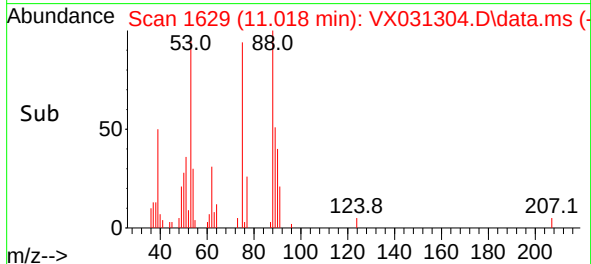
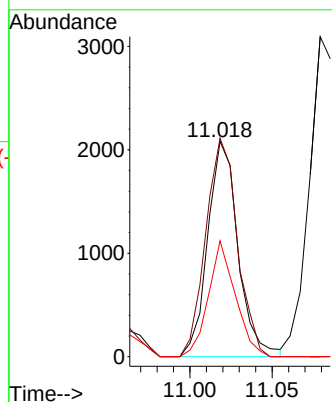
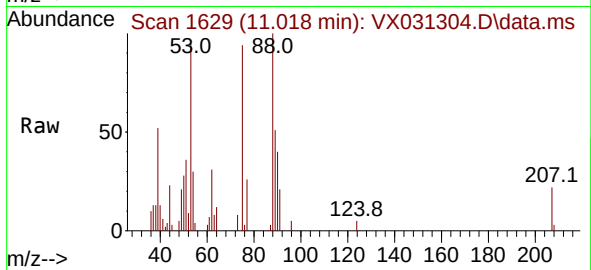
#81
trans-1,4-Dichloro-2-butene
Concen: 4.835 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2660
Ion Ratio Lower Upper
75 100
53 105.6 77.6 116.4
89 47.9 37.4 56.0

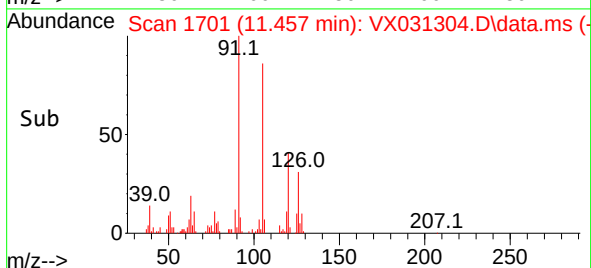
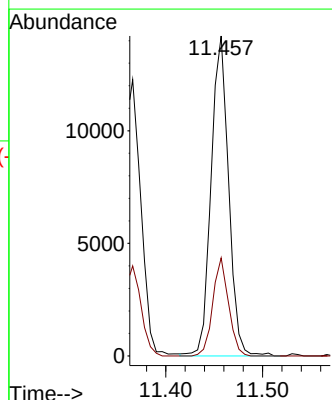
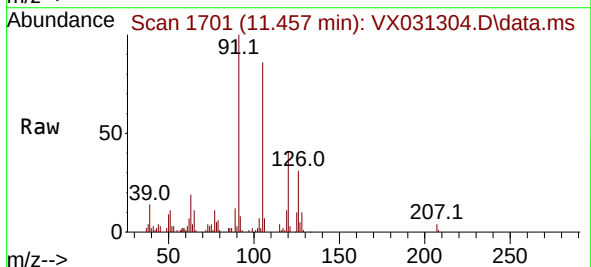
Manual Integrations
APPROVED

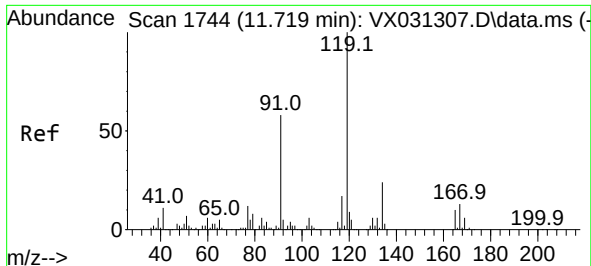
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#82
4-Chlorotoluene
Concen: 4.865 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion: 91 Resp: 17906
Ion Ratio Lower Upper
91 100
126 27.5 15.1 45.3





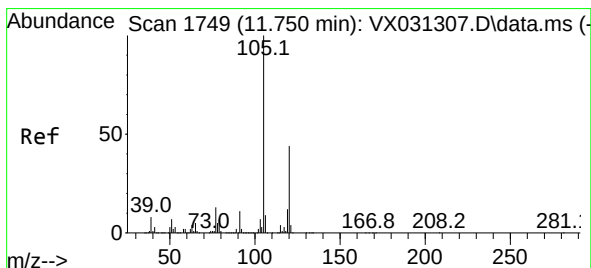
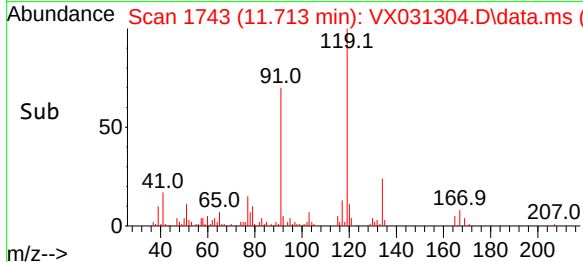
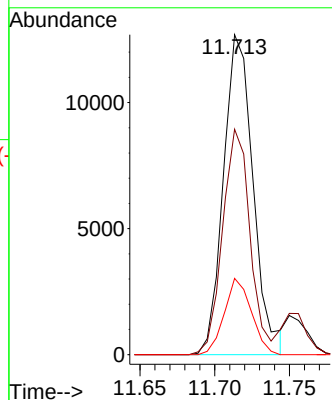
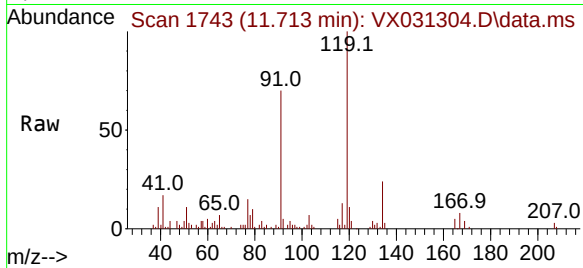
#83
tert-Butylbenzene
Concen: 4.669 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 1750
Ion Ratio Lower Upper
119 100
91 65.2 29.2 87.6
134 21.8 11.6 34.8

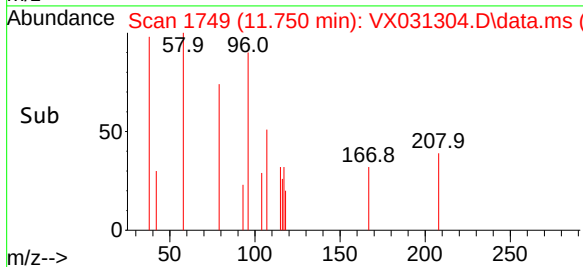
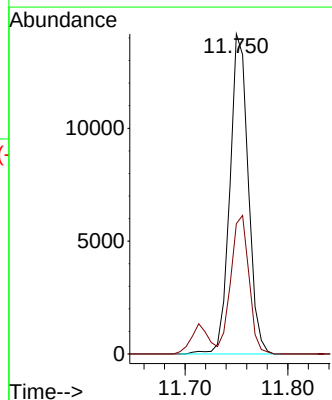
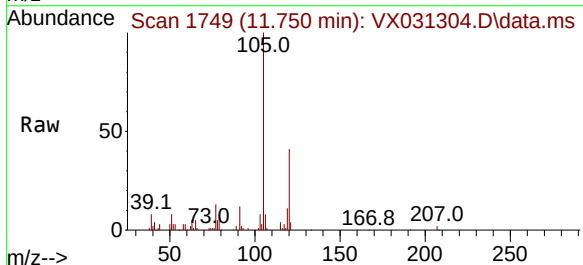
Manual Integrations
APPROVED

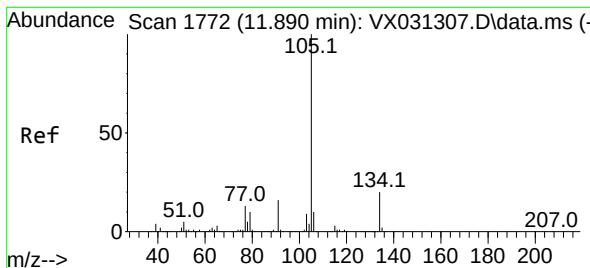
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.728 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

Tgt Ion:105 Resp: 17605
Ion Ratio Lower Upper
105 100
120 42.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 4.709 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 2210

Ion Ratio Lower Upper

105 100

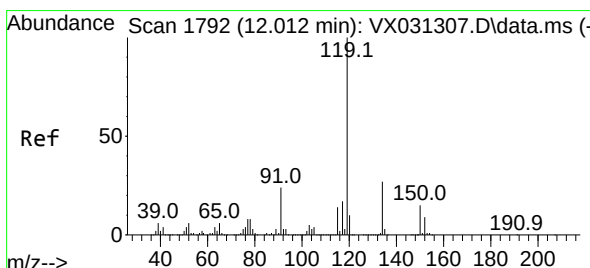
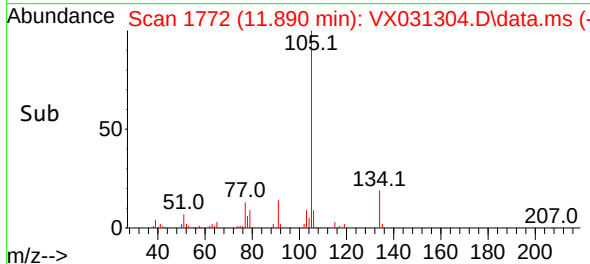
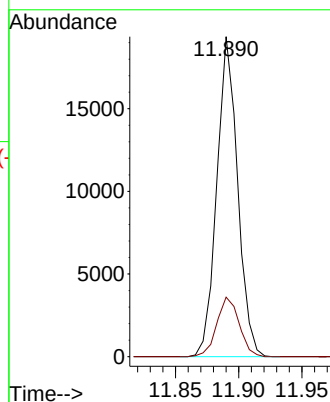
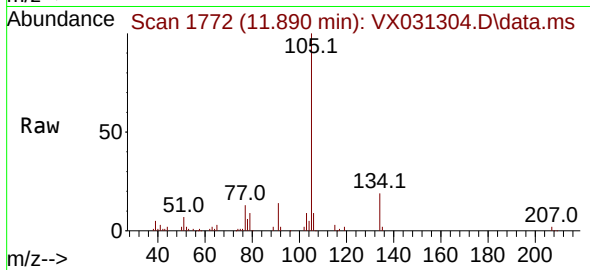
134 20.0 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#86

p-Isopropyltoluene

Concen: 4.617 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

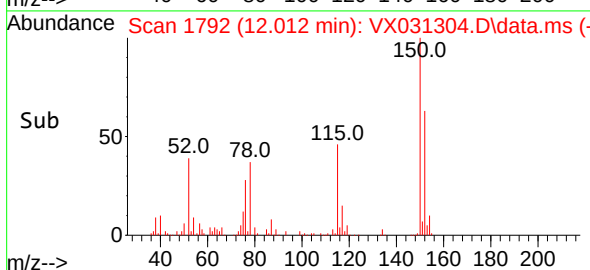
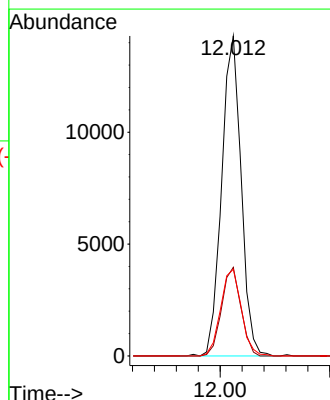
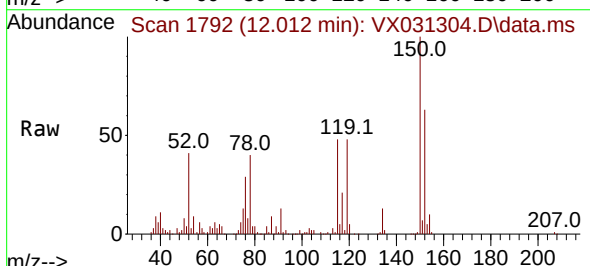
Tgt Ion:119 Resp: 17659

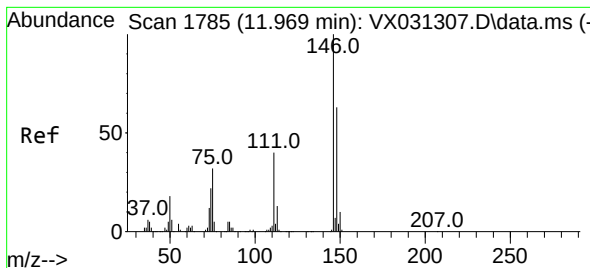
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 28.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.608 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 8958

Ion Ratio Lower Upper

146 100

111 43.0 19.8 59.4

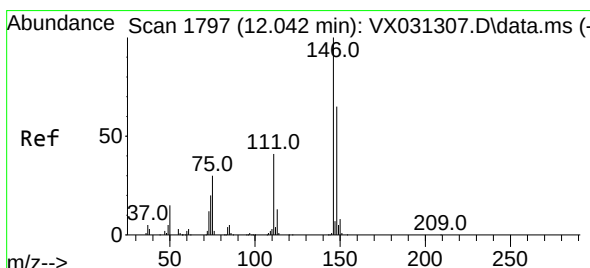
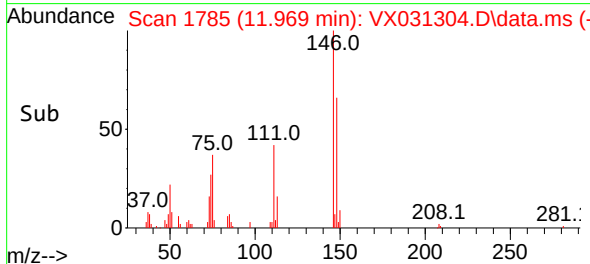
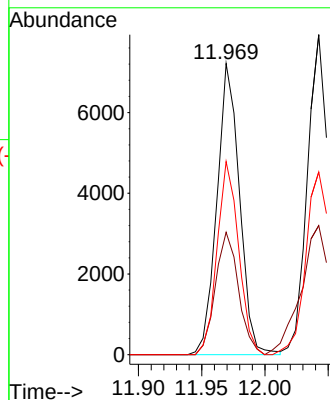
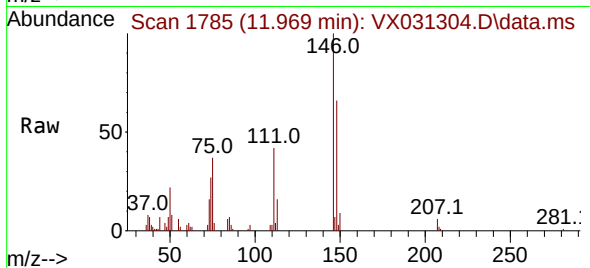
148 63.3 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#88

1,4-Dichlorobenzene

Concen: 4.698 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031304.D

Acq: 14 Sep 2022 12:49

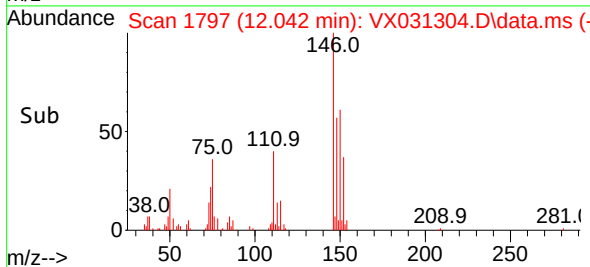
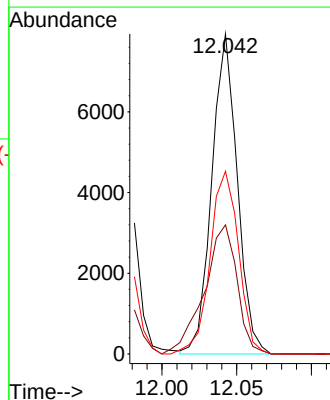
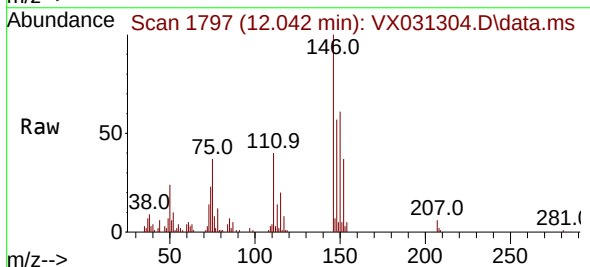
Tgt Ion:146 Resp: 9387

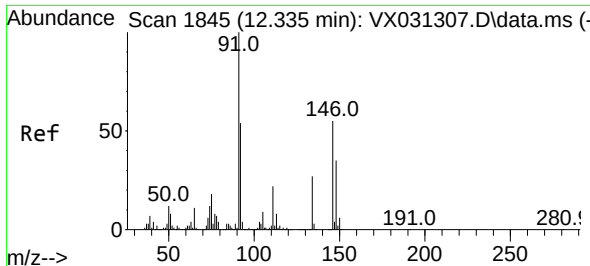
Ion Ratio Lower Upper

146 100

111 52.0 20.5 61.5

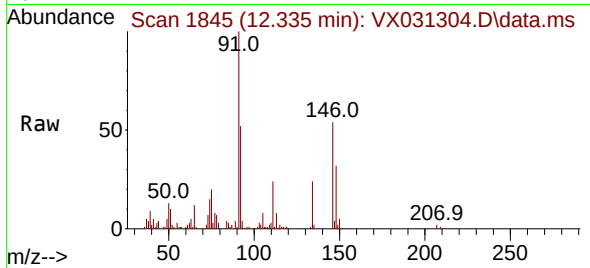
148 63.8 32.0 96.2





#89
n-Butylbenzene
Concen: 4.775 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

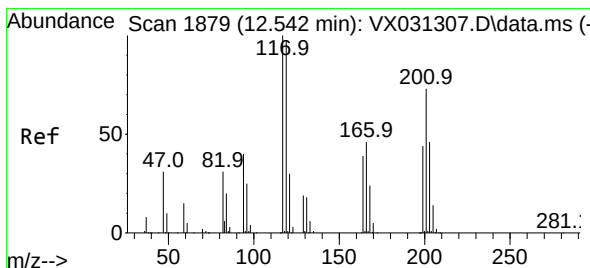
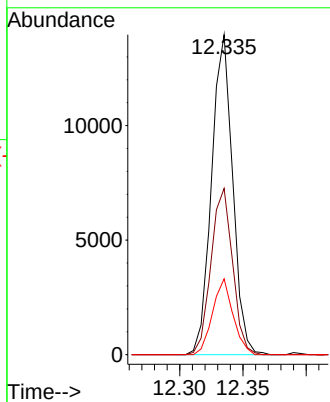
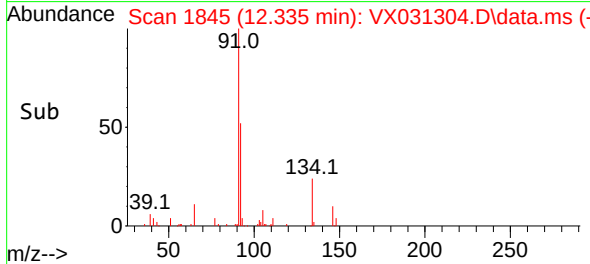
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



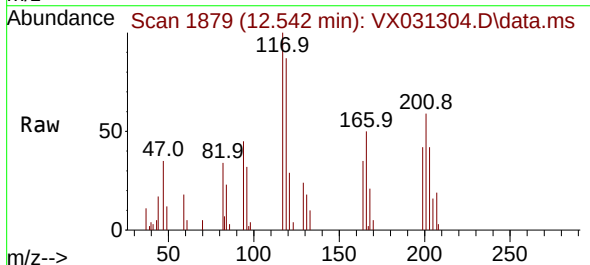
Tgt Ion: 91 Resp: 16190
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 23.0 13.3 39.9

Manual Integrations
APPROVED

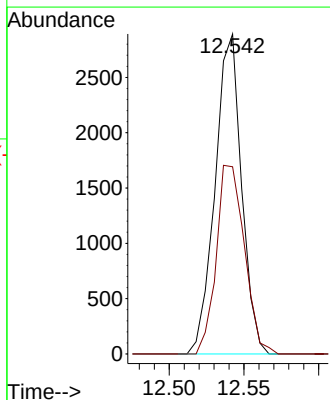
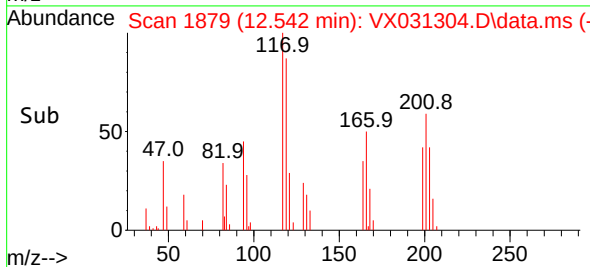
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

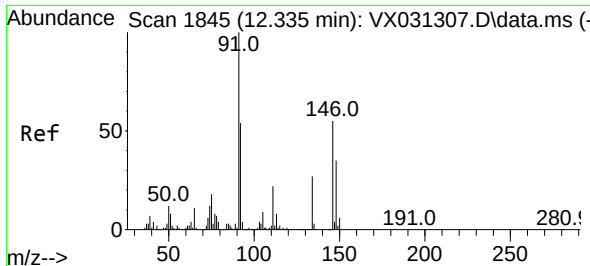


#90
Hexachloroethane
Concen: 4.658 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



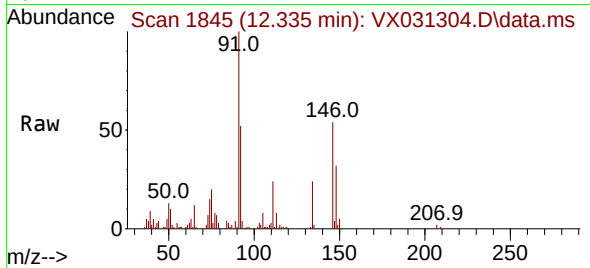
Tgt Ion:117 Resp: 3558
Ion Ratio Lower Upper
117 100
201 62.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 4.814 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

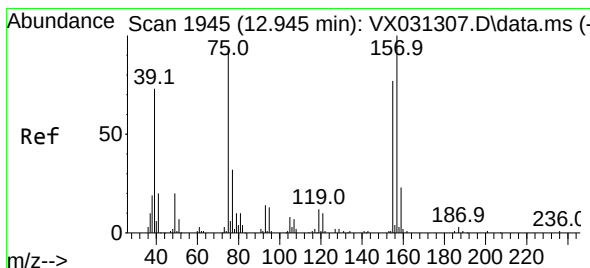
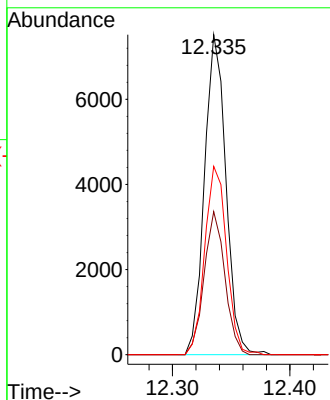
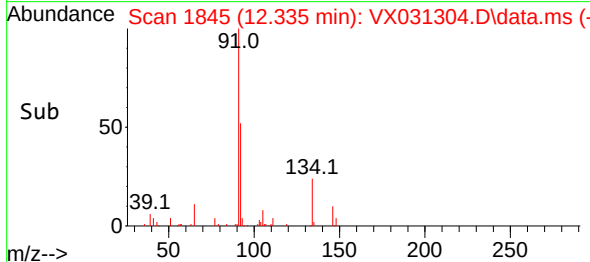
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



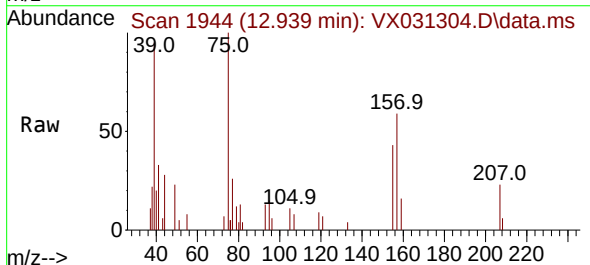
Tgt Ion:146 Resp: 952
Ion Ratio Lower Upper
146 100
111 43.4 20.6 61.8
148 59.9 31.6 95.0

Manual Integrations
APPROVED

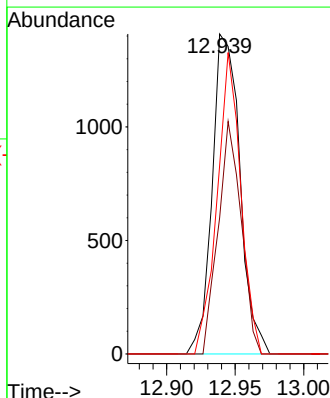
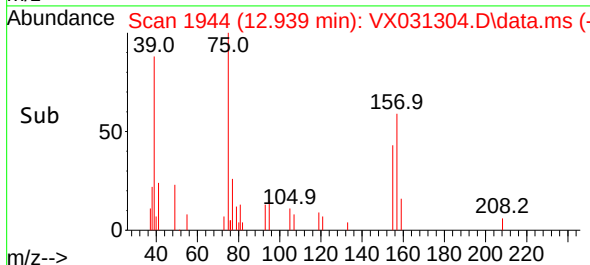
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

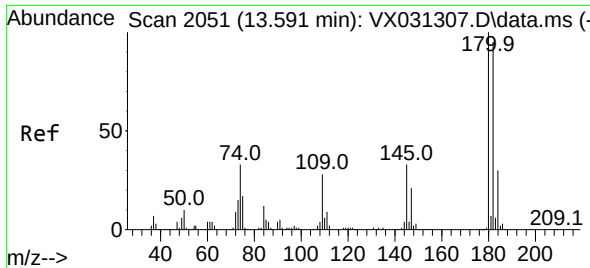


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.655 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



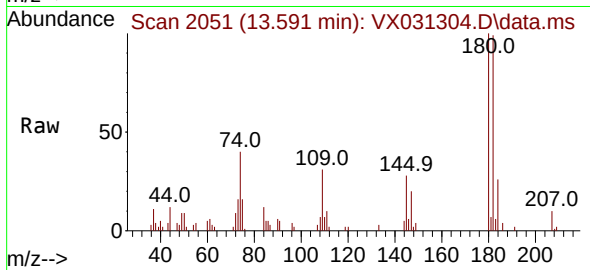
Tgt Ion: 75 Resp: 1978
Ion Ratio Lower Upper
75 100
155 60.5 40.3 120.8
157 80.3 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 4.796 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

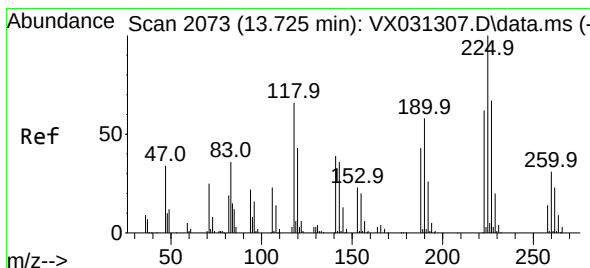
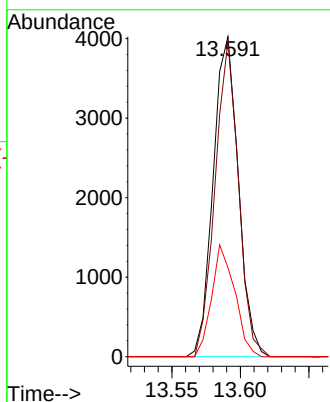
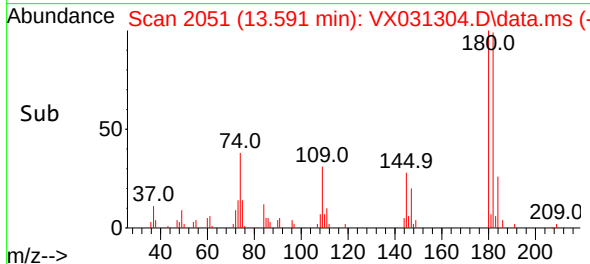
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



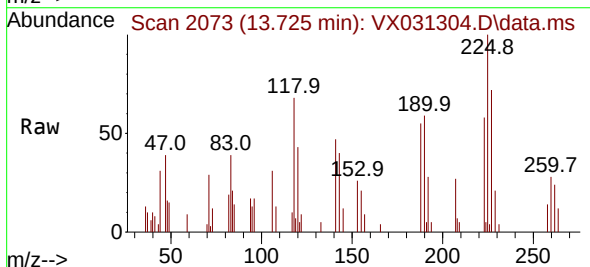
Tgt Ion:180 Resp: 5140
Ion Ratio Lower Upper
180 100
182 91.5 46.9 140.6
145 32.1 16.7 50.1

Manual Integrations
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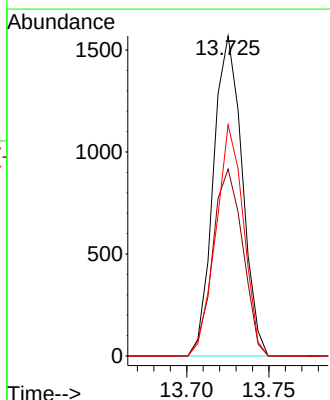
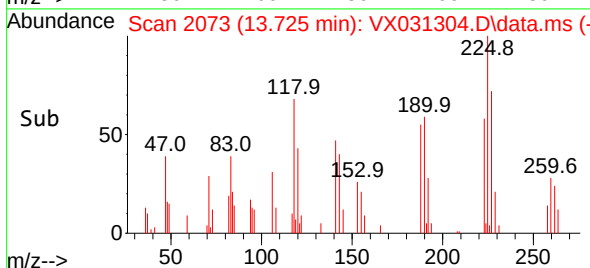
Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

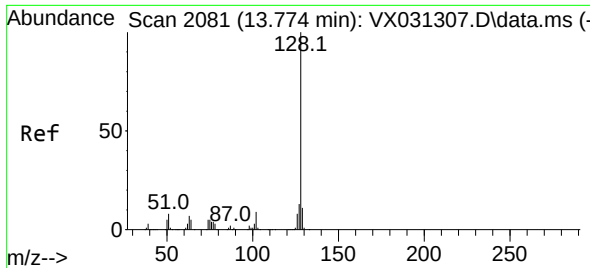


#94
Hexachlorobutadiene
Concen: 4.563 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



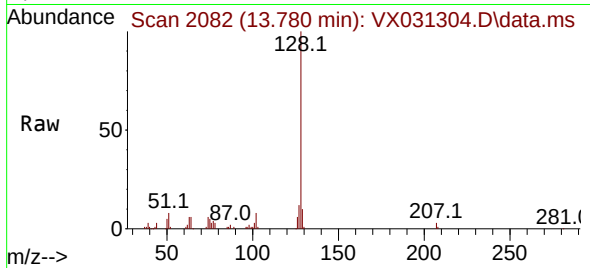
Tgt Ion:225 Resp: 1909
Ion Ratio Lower Upper
225 100
223 60.9 30.8 92.4
227 69.3 32.3 96.9





#95
Naphthalene
Concen: 4.572 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49

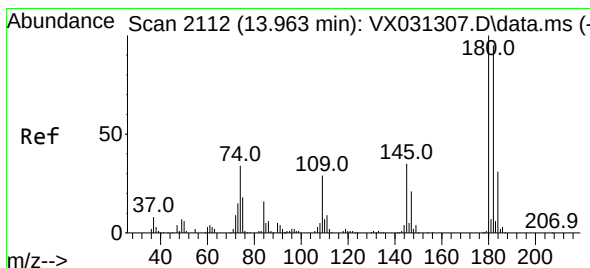
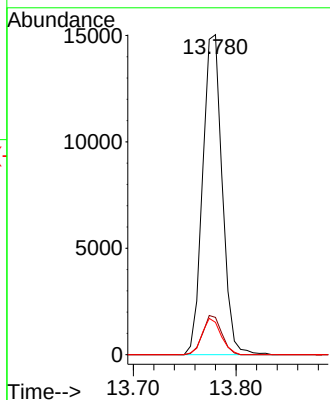
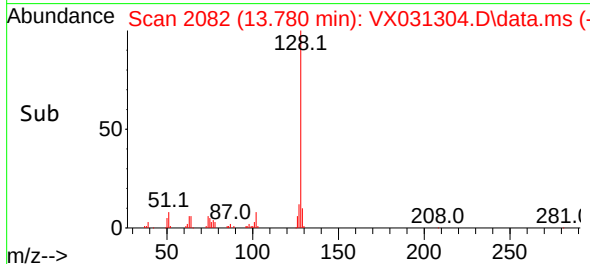
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



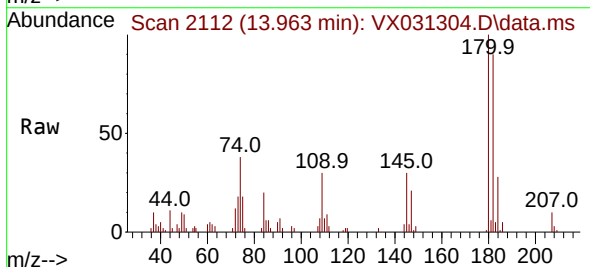
Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
127 11.9 10.4 15.6
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.559 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031304.D
Acq: 14 Sep 2022 12:49



Tgt Ion:180 Resp: 5232
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 33.4 17.6 52.8

