

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031430.D
 Acq On : 16 Sep 2022 23:26
 Operator : JC/MD
 Sample : VX0916WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 02:51:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	47067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	73276	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	81006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	865m	0.749	ug/l	0.01
Spiked Amount 50.000	Range	74 - 125	Recovery	=	1.500%#	
35) Dibromofluoromethane	5.397	113	586m	0.744	ug/l	0.01
Spiked Amount 50.000	Range	75 - 124	Recovery	=	1.480%#	
50) Toluene-d8	8.653	98	2236	0.757	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	1.520%#	
62) 4-Bromofluorobenzene	11.079	95	970	0.897	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	1.800%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	8294	16.320	ug/l	97
3) Chloromethane	1.288	50	12637	17.101	ug/l	98
4) Vinyl Chloride	1.374	62	15919	19.358	ug/l	96
5) Bromomethane	1.612	94	21135	34.271	ug/l	98
6) Chloroethane	1.685	64	21106	32.347	ug/l	98
7) Trichlorofluoromethane	1.886	101	35493	23.545	ug/l	100
8) Diethyl Ether	2.136	74	13858	20.632	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	13184	18.495	ug/l	93
10) Methyl Iodide	2.453	142	9529	13.209	ug/l	98
11) Tert butyl alcohol	2.995	59	23027	71.645	ug/l	96
12) 1,1-Dichloroethene	2.319	96	12316	18.742	ug/l	94
13) Acrolein	2.239	56	6102	45.771	ug/l	100
14) Allyl chloride	2.666	41	19748	13.603	ug/l	96
15) Acrylonitrile	3.069	53	42200	79.198	ug/l	99
16) Acetone	2.392	43	36957	74.934	ug/l	96
17) Carbon Disulfide	2.514	76	26671	17.542	ug/l	96
18) Methyl Acetate	2.709	43	22556	15.423	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	48240	15.852	ug/l	100
20) Methylene Chloride	2.788	84	15133	18.039	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	13777	17.711	ug/l	96
22) Diisopropyl ether	3.764	45	46499	15.307	ug/l	97
23) Vinyl Acetate	3.727	43	199599	79.062	ug/l	99
24) 1,1-Dichloroethane	3.617	63	26811	16.817	ug/l	97
25) 2-Butanone	4.562	43	60133	73.919	ug/l	99
26) 2,2-Dichloropropane	4.471	77	17772	11.750	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	17085	17.651	ug/l	89
28) Bromochloromethane	4.904	49	10735	14.446	ug/l	91
29) Tetrahydrofuran	5.019	42	37648	74.714	ug/l	95
30) Chloroform	5.093	83	29103	17.239	ug/l	94
31) Cyclohexane	5.477	56	20109	16.202	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	24879	16.447	ug/l	99
36) 1,1-Dichloropropene	5.696	75	19770	18.338	ug/l	99
37) Ethyl Acetate	4.715	43	23749	16.763	ug/l	97
38) Carbon Tetrachloride	5.684	117	21010	17.928	ug/l	92
39) Methylcyclohexane	7.379	83	21608	18.199	ug/l	93
40) Benzene	6.044	78	59095	19.088	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	11615	15.133	ug/l	93
42) 1,2-Dichloroethane	6.092	62	22590	18.090	ug/l	96
43) Isopropyl Acetate	6.342	43	37565	15.533	ug/l	99
44) Trichloroethene	7.129	130	15996	20.265	ug/l	96
45) 1,2-Dichloropropane	7.428	63	15224	17.962	ug/l	97
46) Dibromomethane	7.586	93	11517	19.161	ug/l	94
47) Bromodichloromethane	7.824	83	22194	17.753	ug/l	93
48) Methyl methacrylate	7.696	41	17239	15.659	ug/l	94
49) 1,4-Dioxane	7.690	88	8568	388.080	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	127144	86.495	ug/l	99
52) Toluene	8.720	92	38681	19.752	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	21955	15.606	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	22305	15.428	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	16997	19.661	ug/l	92
56) Ethyl methacrylate	9.122	69	23953	17.116	ug/l	93
57) 1,3-Dichloropropane	9.311	76	26838	18.067	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.245	63	49676	76.184	ug/l	98
59) 2-Hexanone	9.433	43	96163	85.713	ug/l	100
60) Dibromochloromethane	9.525	129	16977	18.215	ug/l	97
61) 1,2-Dibromoethane	9.610	107	17450	19.672	ug/l	99
64) Tetrachloroethene	9.275	164	15198	20.520	ug/l	98
65) Chlorobenzene	10.080	112	42886	19.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15784	18.673	ug/l	98
67) Ethyl Benzene	10.195	91	75473	19.422	ug/l	97
68) m/p-Xylenes	10.305	106	57384	38.890	ug/l	98
69) o-Xylene	10.640	106	29093	19.412	ug/l	94
70) Styrene	10.659	104	47301	19.409	ug/l	98
71) Bromoform	10.799	173	11920	17.713	ug/l #	97
73) Isopropylbenzene	10.964	105	76264	18.513	ug/l	99
74) N-amyl acetate	10.842	43	31747	15.502	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	26316	17.776	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22934m	16.317	ug/l	
77) Bromobenzene	11.201	156	18610	19.813	ug/l	93
78) n-propylbenzene	11.305	91	86460	17.884	ug/l	100
79) 2-Chlorotoluene	11.366	91	50996	17.239	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	62643	18.150	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	6046	11.903	ug/l	88
82) 4-Chlorotoluene	11.457	91	58429	17.232	ug/l	98
83) tert-Butylbenzene	11.713	119	63927	18.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	62545	18.233	ug/l	100
85) sec-Butylbenzene	11.890	105	78276	18.103	ug/l	99
86) p-Isopropyltoluene	12.012	119	64474	18.298	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	35506	19.827	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	36184	19.659	ug/l	98
89) n-Butylbenzene	12.335	91	54010	17.286	ug/l	97
90) Hexachloroethane	12.543	117	11031	15.677	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	35844	19.659	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5310	14.223	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	21032	21.303	ug/l	98
94) Hexachlorobutadiene	13.725	225	7717	20.024	ug/l	97
95) Naphthalene	13.774	128	76033	18.956	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	20988	19.852	ug/l	97

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Sample : VX0916WBS04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/19/2022

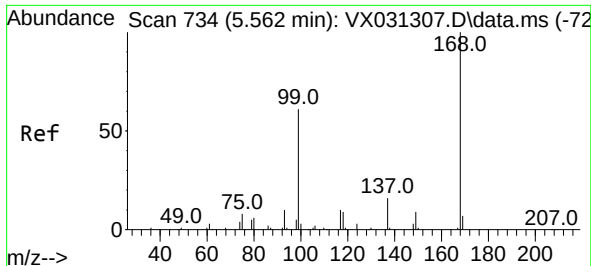
Quant Time: Sep 17 02:51:17 2022
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Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

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

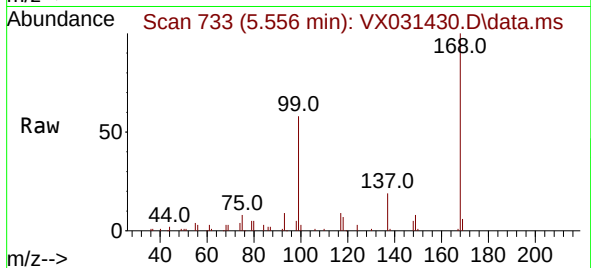
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031430.D
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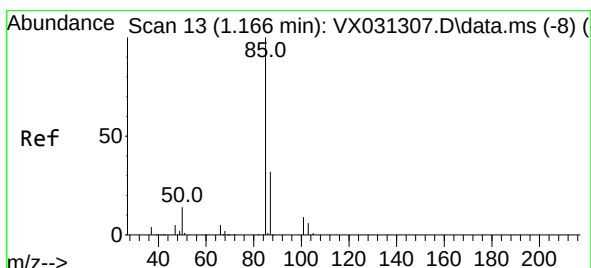
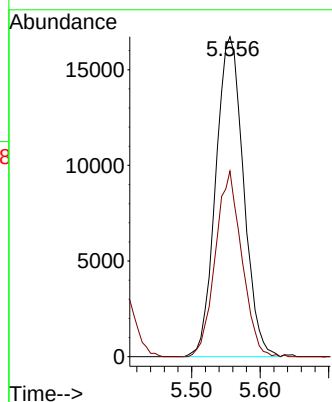
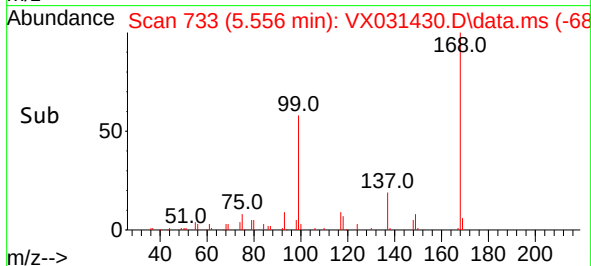
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 168 Resp: 4706
Ion Ratio Lower Upper
168 100
99 58.0 48.8 73.2

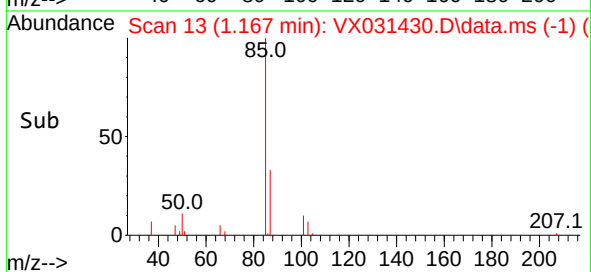
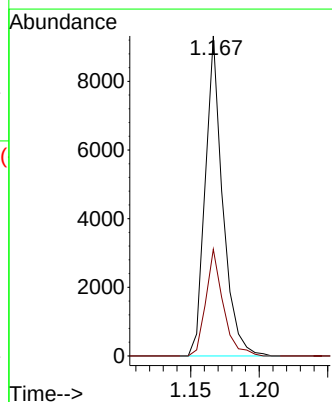
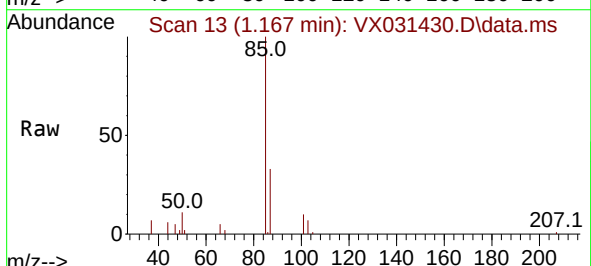
Manual Integrations
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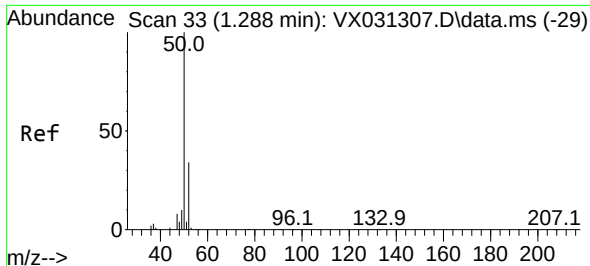
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#2
Dichlorodifluoromethane
Concen: 16.320 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 85 Resp: 8294
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





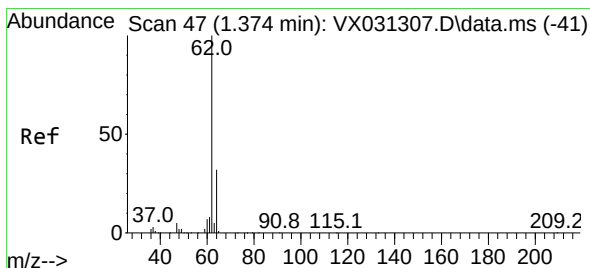
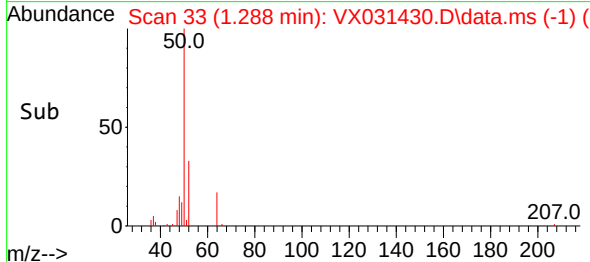
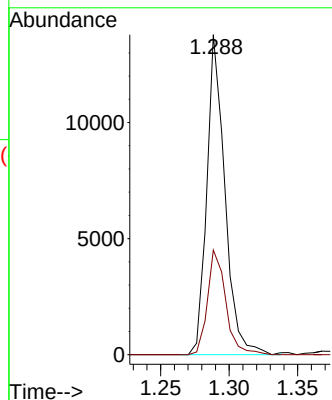
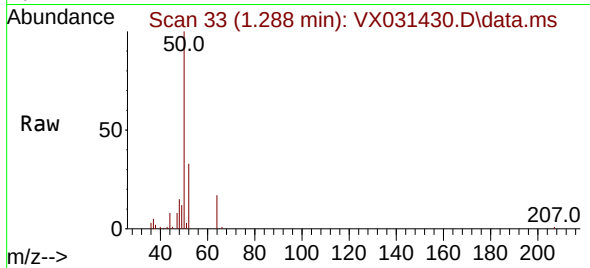
#3
Chloromethane
Concen: 17.101 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

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ClientSampleId :
VX0916WBS04

Tgt Ion: 50 Resp: 1263
Ion Ratio Lower Upper
50 100
52 32.7 26.9 40.3

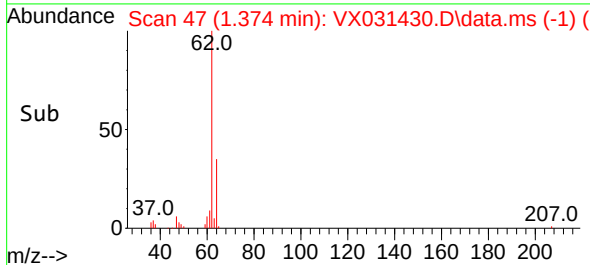
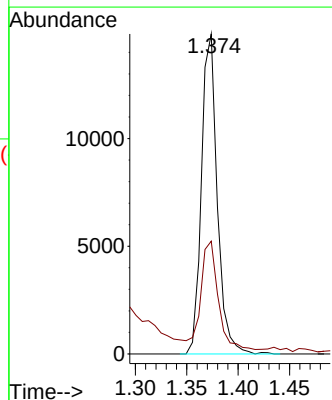
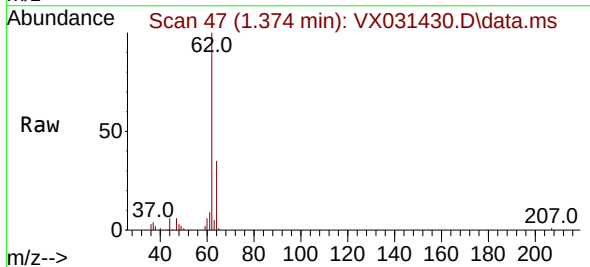
Manual Integrations
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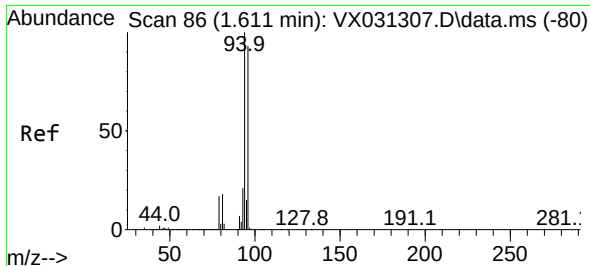
Reviewed By :John Carlone 09/17/2022
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#4
Vinyl Chloride
Concen: 19.358 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

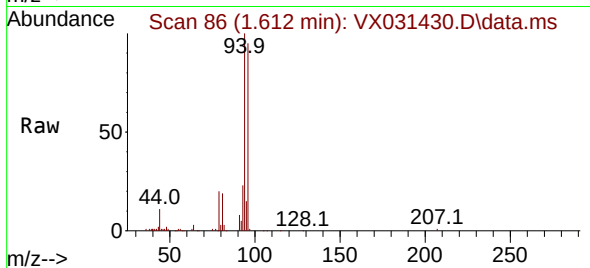
Tgt Ion: 62 Resp: 15919
Ion Ratio Lower Upper
62 100
64 33.9 25.3 37.9





#5
Bromomethane
Concen: 34.271 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

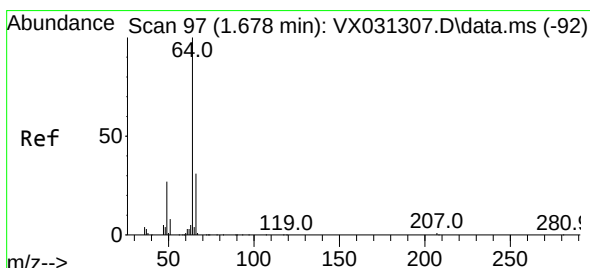
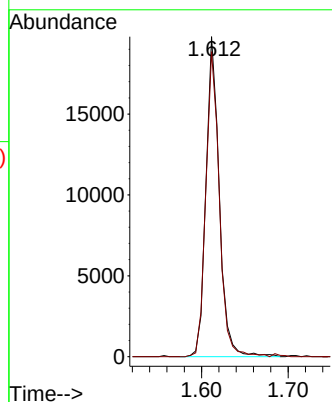
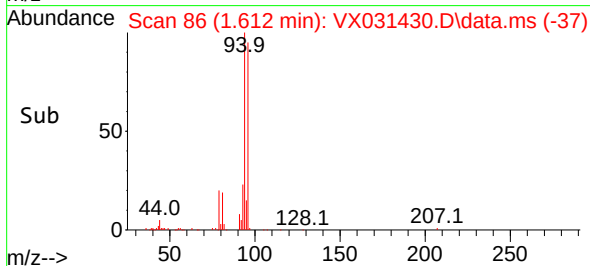
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



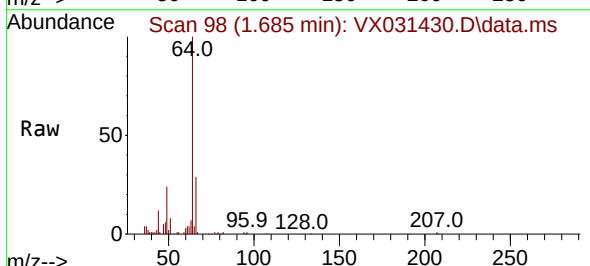
Tgt Ion: 94 Resp: 2113
Ion Ratio Lower Upper
94 100
96 95.3 74.4 111.6

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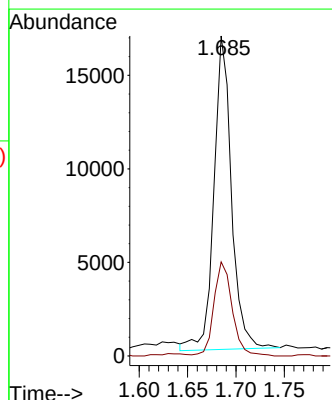
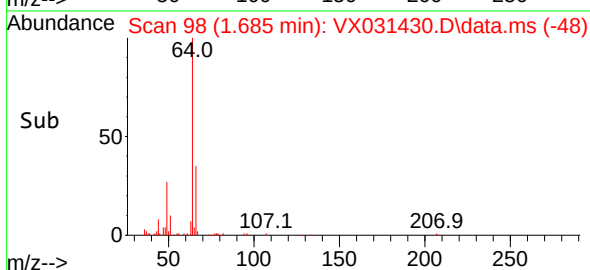
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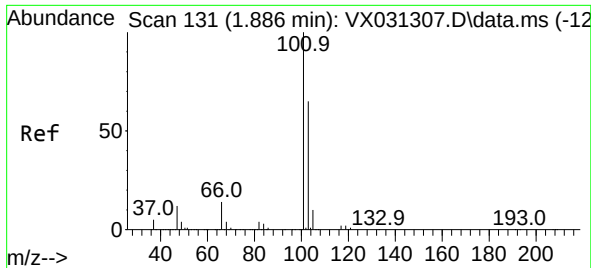


#6
Chloroethane
Concen: 32.347 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



Tgt Ion: 64 Resp: 21106
Ion Ratio Lower Upper
64 100
66 30.2 25.0 37.4





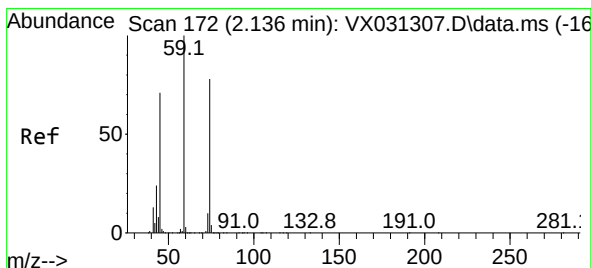
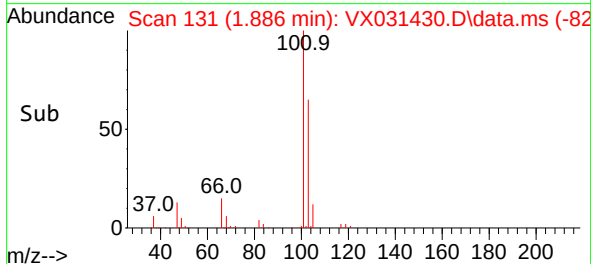
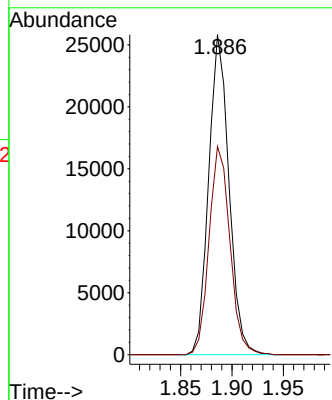
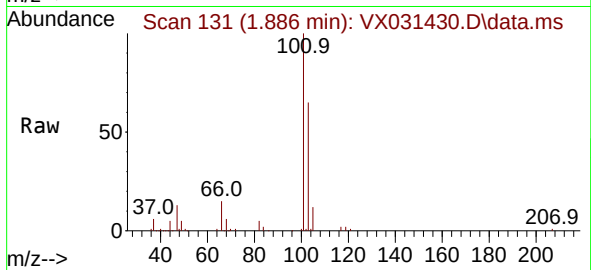
#7
 Trichlorofluoromethane
 Concen: 23.545 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS04

Tgt Ion:101 Resp: 3549
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

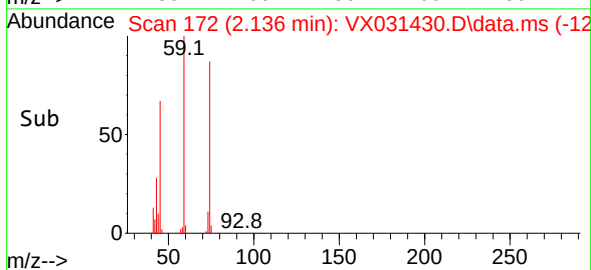
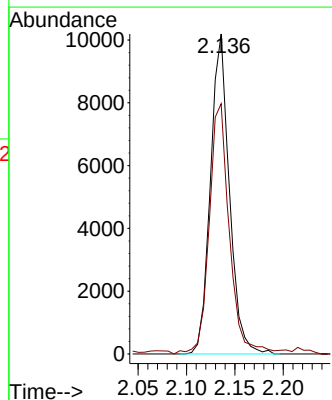
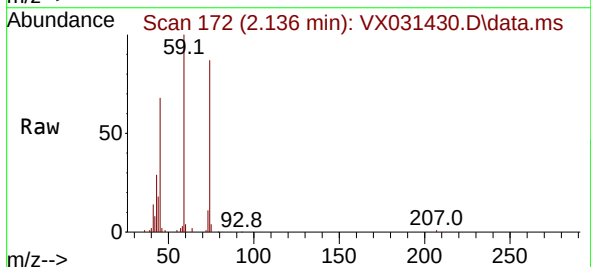
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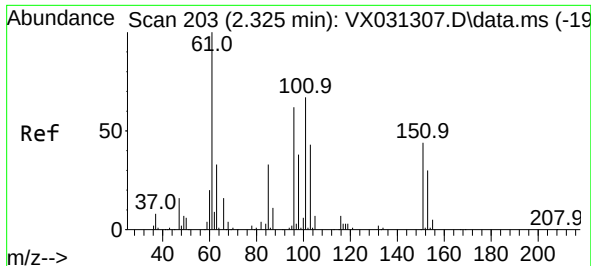
Reviewed By :John Carlone 09/17/2022
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#8
 Diethyl Ether
 Concen: 20.632 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26

Tgt Ion: 74 Resp: 13858
 Ion Ratio Lower Upper
 74 100
 45 83.5 48.5 145.6





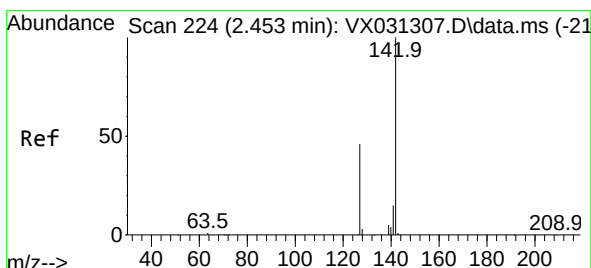
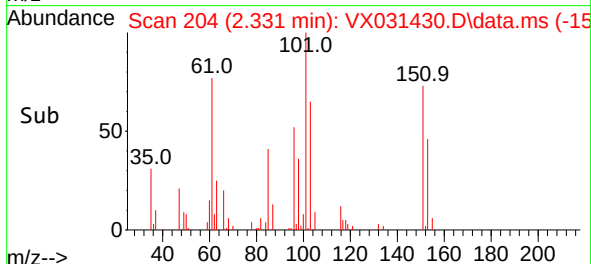
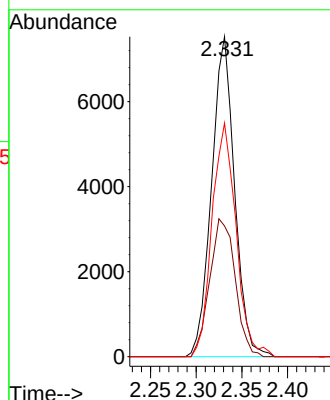
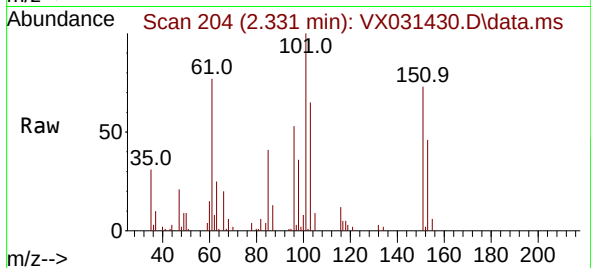
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.495 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion:101 Resp: 13184
Ion Ratio Lower Upper
101 100
85 47.6 38.6 57.8
151 76.4 54.0 81.0

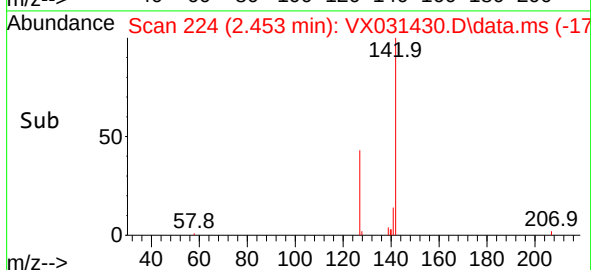
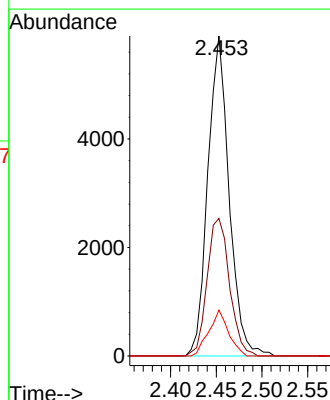
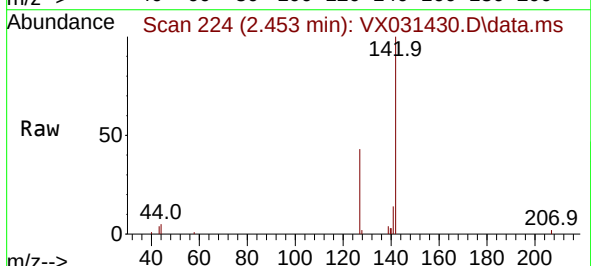
Manual Integrations
APPROVED

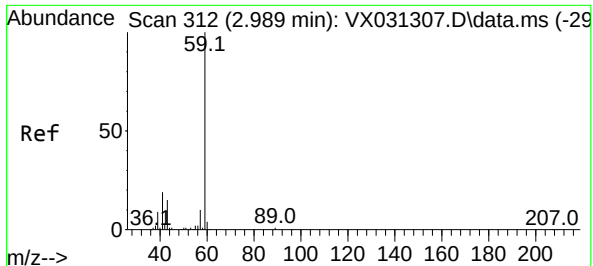
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#10
Methyl Iodide
Concen: 13.209 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

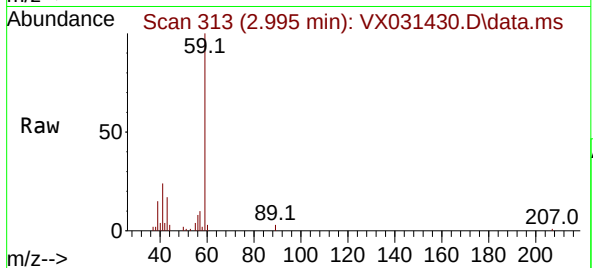
Tgt Ion:142 Resp: 9529
Ion Ratio Lower Upper
142 100
127 45.3 37.4 56.0
141 13.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 71.645 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

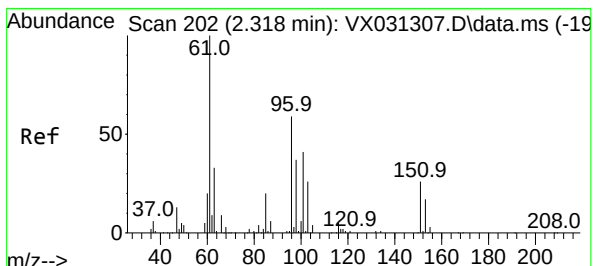
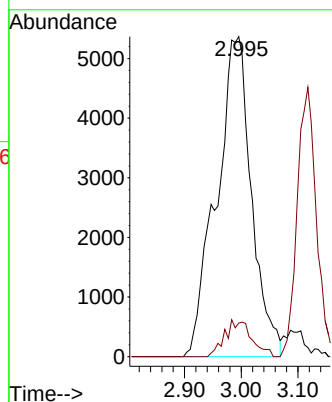
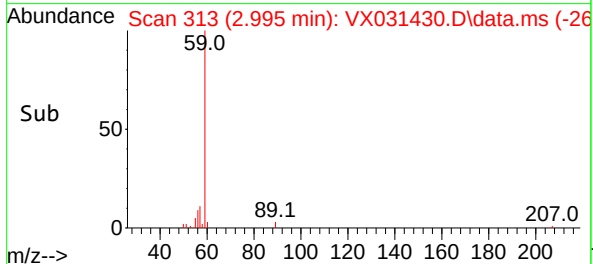
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 59 Resp: 2302
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.2

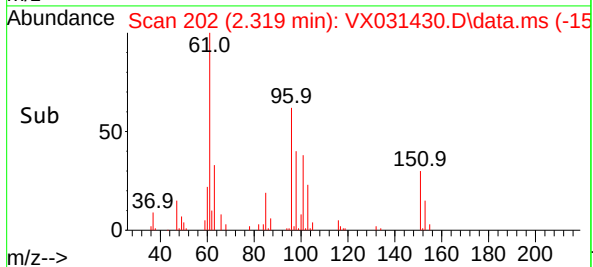
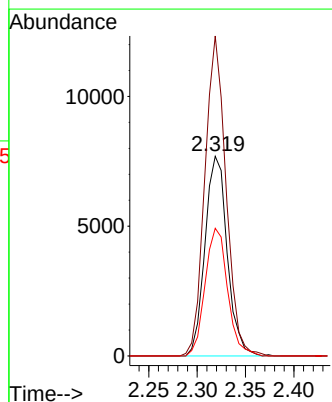
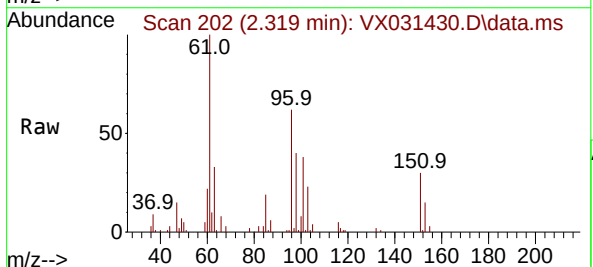
Manual Integrations
APPROVED

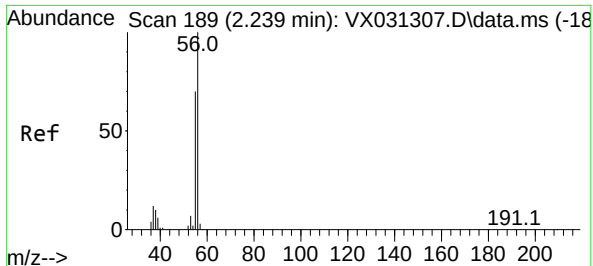
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#12
1,1-Dichloroethene
Concen: 18.742 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 96 Resp: 12316
Ion Ratio Lower Upper
96 100
61 160.2 135.3 202.9
98 64.0 49.4 74.2





#13

Acrolein

Concen: 45.771 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion: 56 Resp: 610

Ion Ratio Lower Upper

56 100

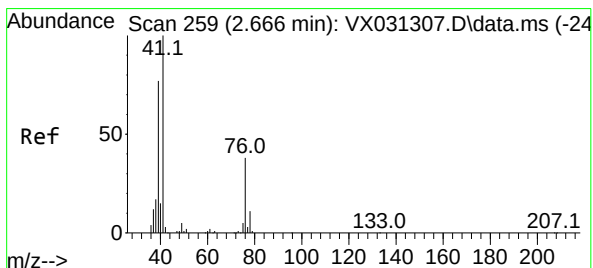
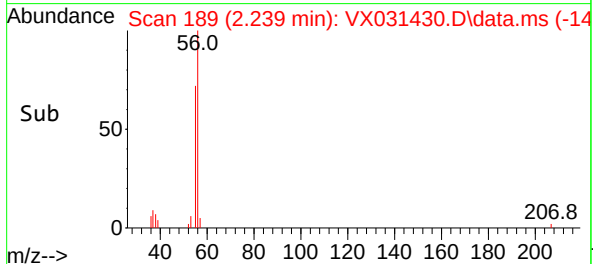
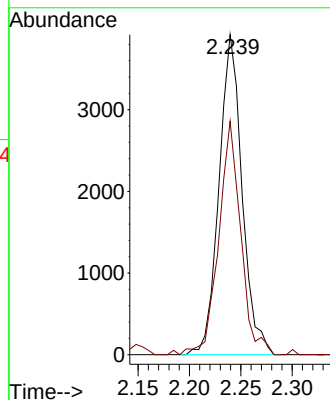
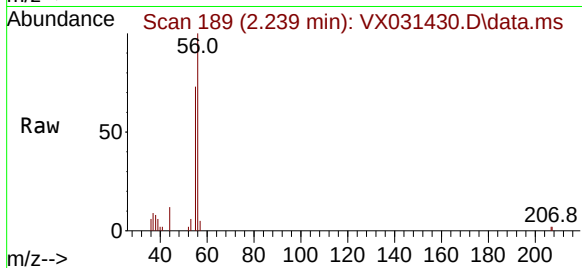
55 69.9 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#14

Allyl chloride

Concen: 13.603 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

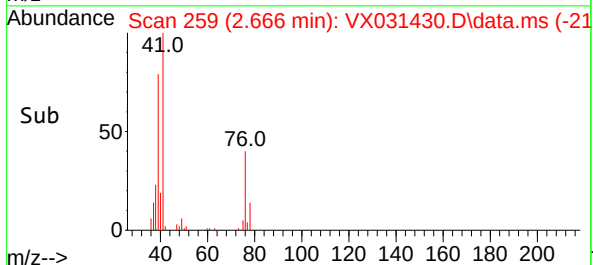
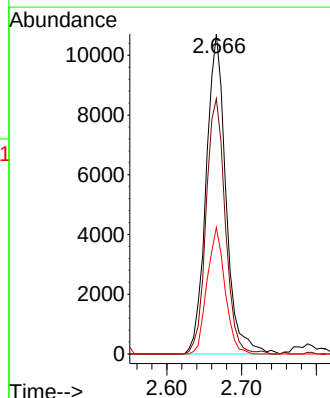
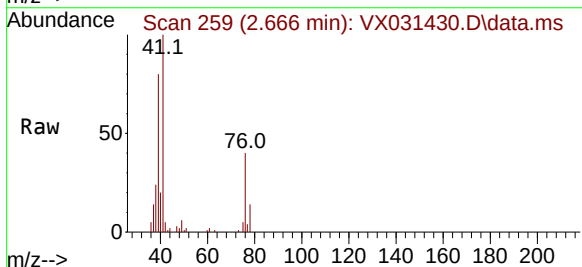
Tgt Ion: 41 Resp: 19748

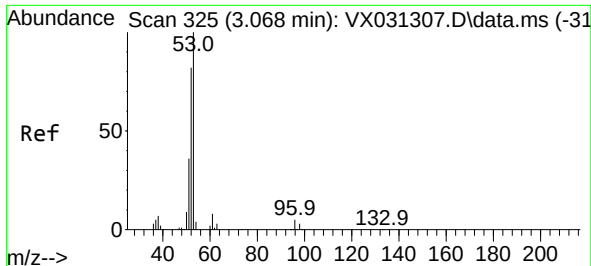
Ion Ratio Lower Upper

41 100

39 76.9 58.2 87.4

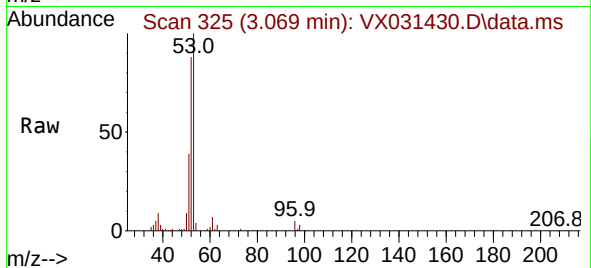
76 35.6 26.9 40.3





#15
Acrylonitrile
Concen: 79.198 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

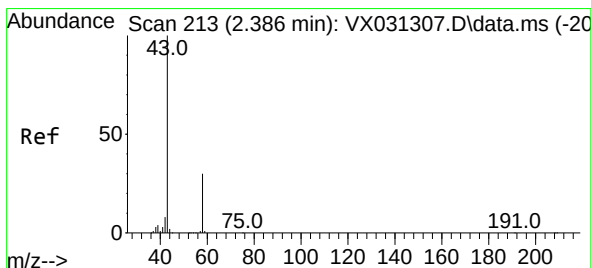
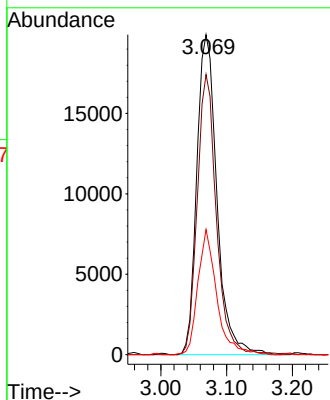
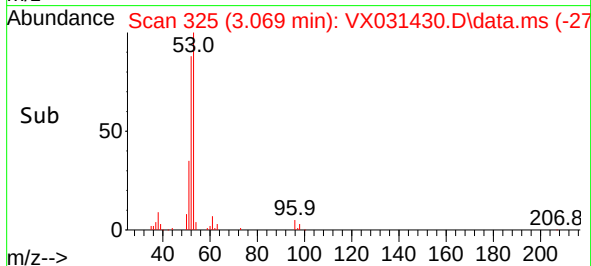
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 53 Resp: 42200
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 36.7 30.0 45.0

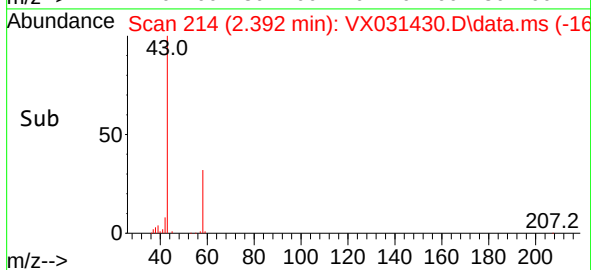
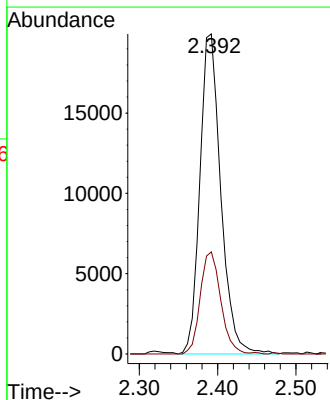
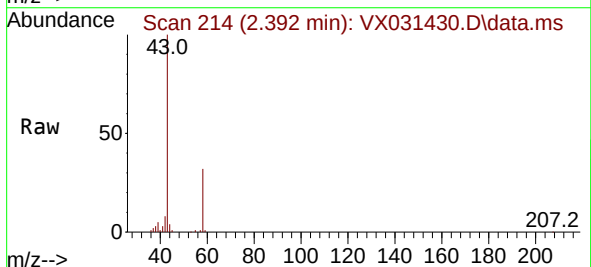
Manual Integrations
APPROVED

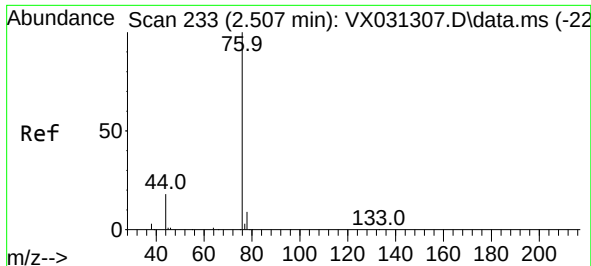
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#16
Acetone
Concen: 74.934 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

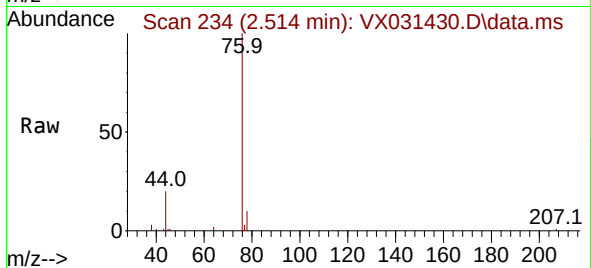
Tgt Ion: 43 Resp: 36957
Ion Ratio Lower Upper
43 100
58 31.9 23.8 35.8





#17
Carbon Disulfide
Concen: 17.542 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

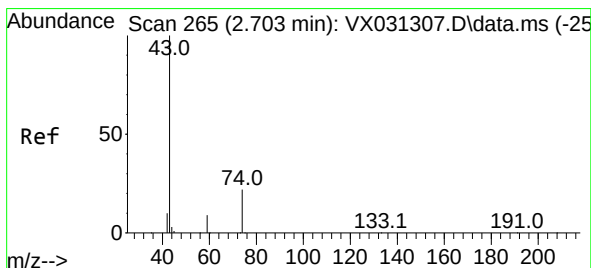
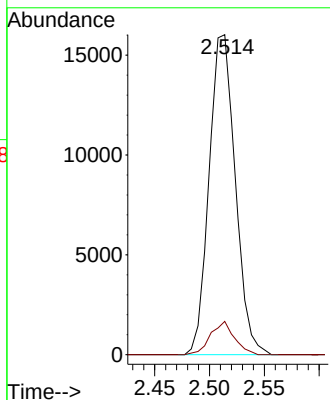
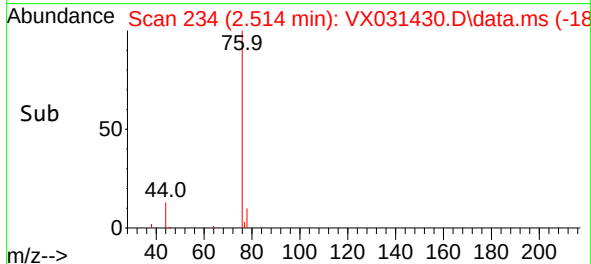
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



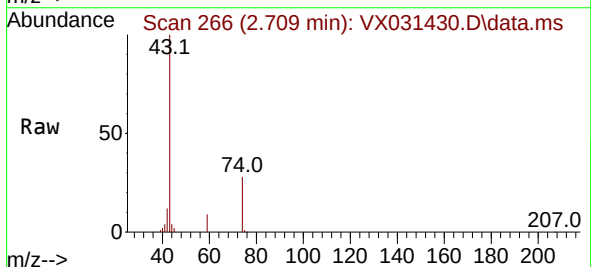
Tgt Ion: 76 Resp: 2667
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

Manual Integrations
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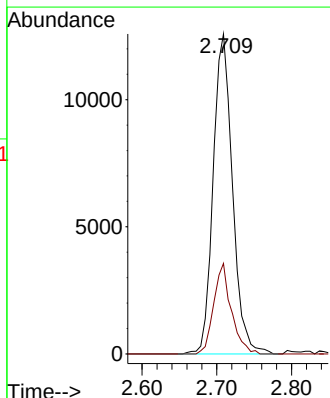
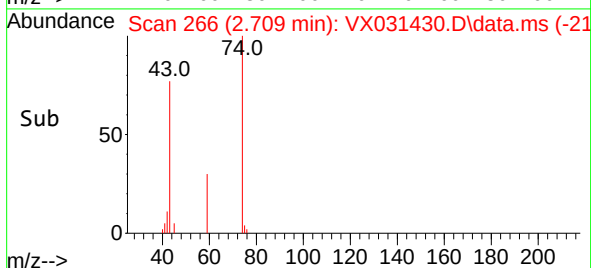
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

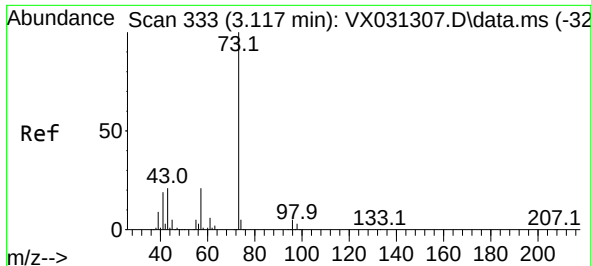


#18
Methyl Acetate
Concen: 15.423 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



Tgt Ion: 43 Resp: 22556
Ion Ratio Lower Upper
43 100
74 25.8 18.6 27.8





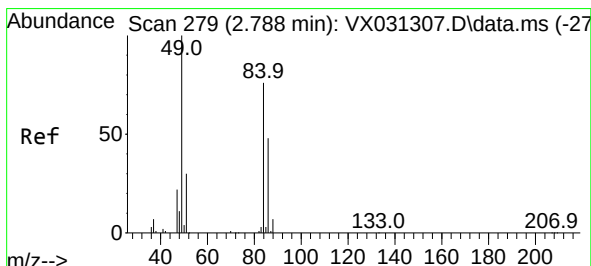
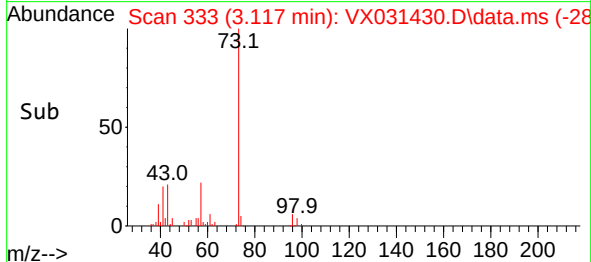
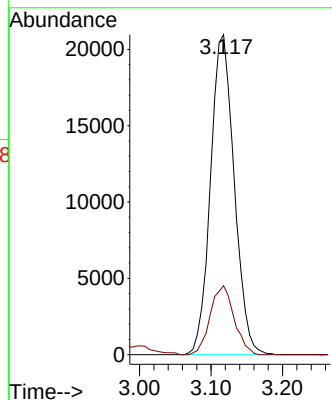
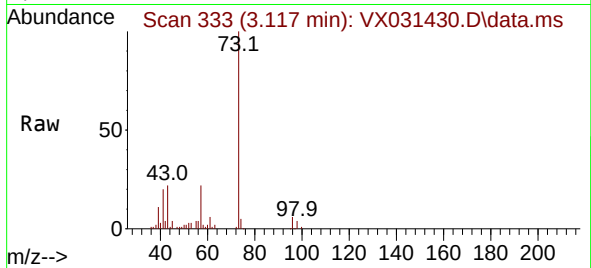
#19
Methyl tert-butyl Ether
Concen: 15.852 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion: 73 Resp: 48240
Ion Ratio Lower Upper
73 100
57 21.6 17.2 25.8

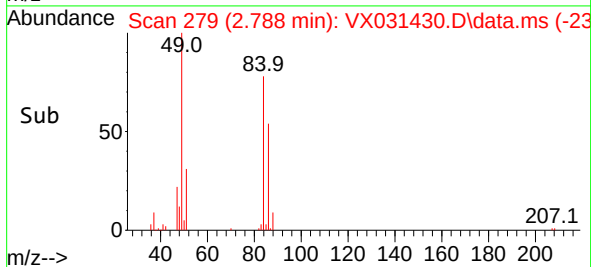
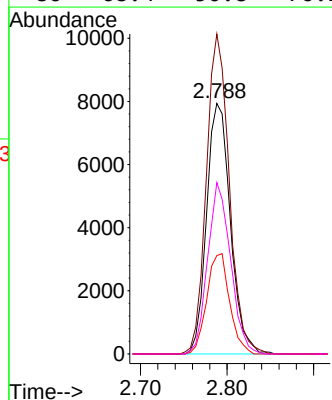
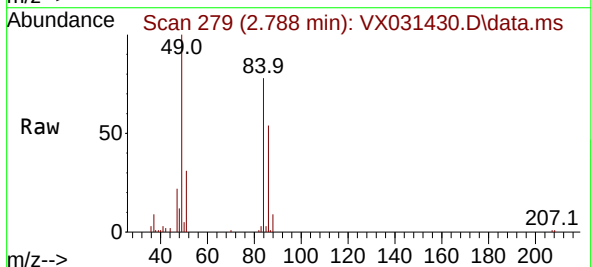
Manual Integrations
APPROVED

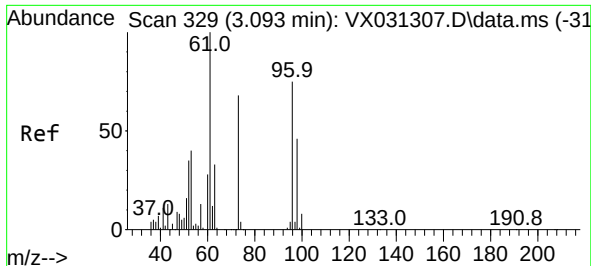
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#20
Methylene Chloride
Concen: 18.039 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

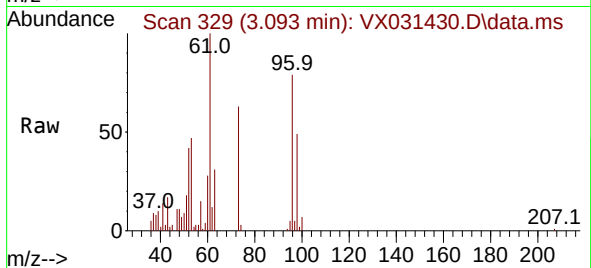
Tgt Ion: 84 Resp: 15133
Ion Ratio Lower Upper
84 100
49 127.7 105.9 158.9
51 39.3 32.2 48.2
86 68.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 17.711 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

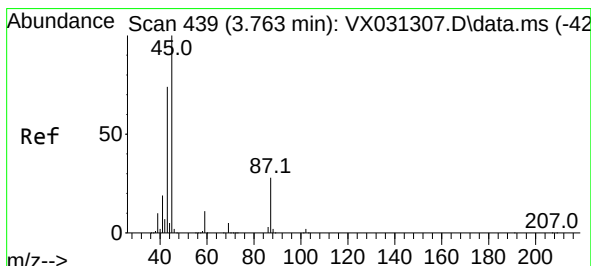
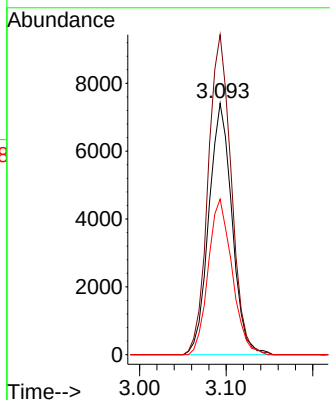
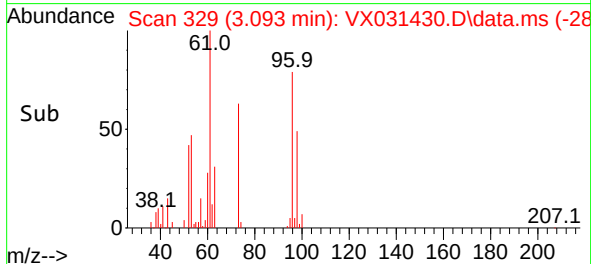
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 96 Resp: 1377
Ion Ratio Lower Upper
96 100
61 127.3 106.7 160.1
98 61.9 48.7 73.1

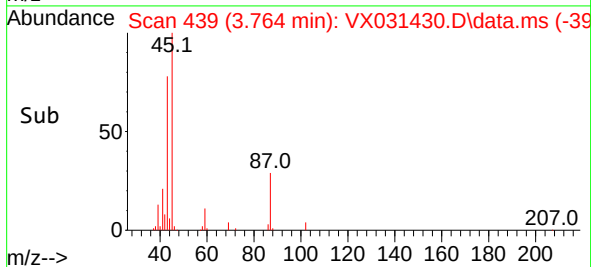
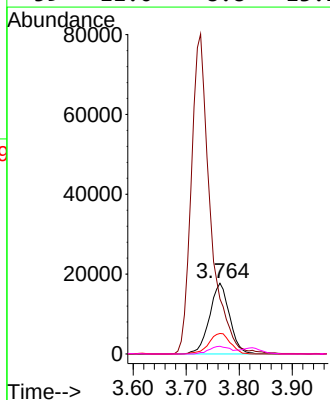
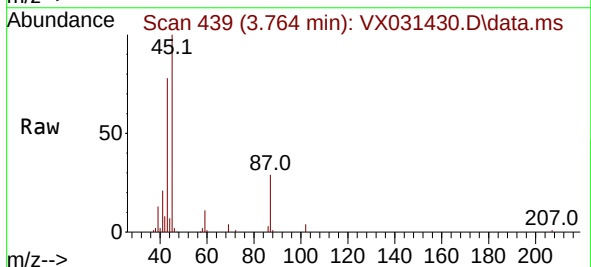
Manual Integrations
APPROVED

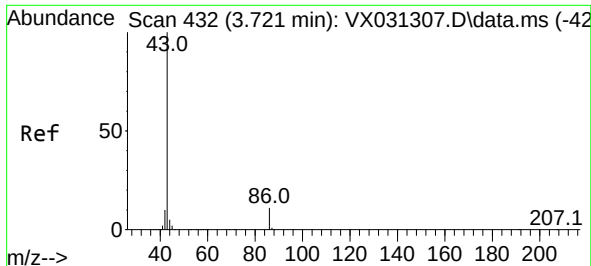
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#22
Diisopropyl ether
Concen: 15.307 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

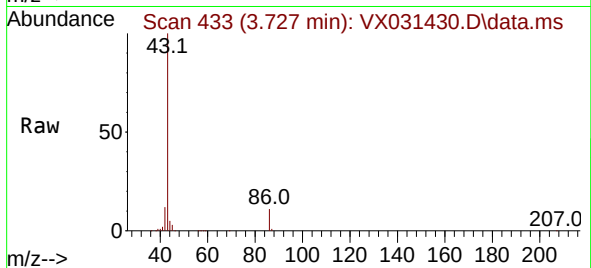
Tgt Ion: 45 Resp: 46499
Ion Ratio Lower Upper
45 100
43 77.0 59.0 88.6
87 29.1 22.6 33.8
59 11.0 8.8 13.2





#23
 Vinyl Acetate
 Concen: 79.062 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26

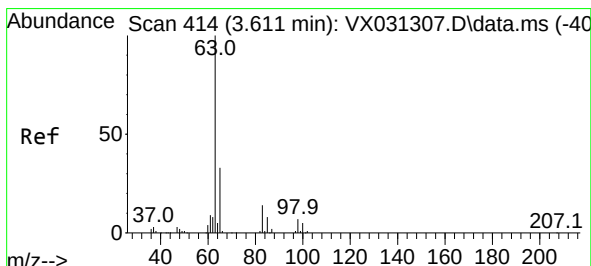
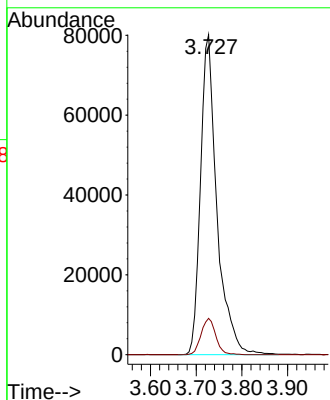
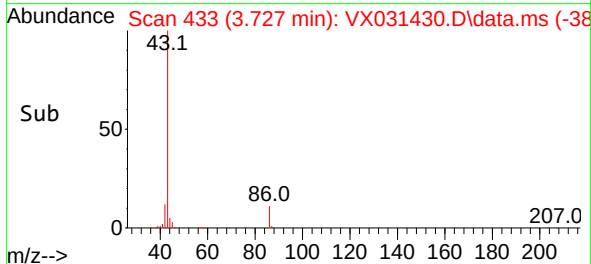
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS04



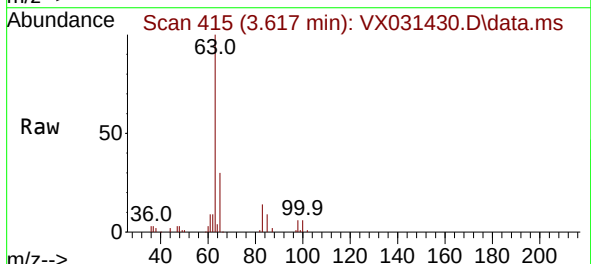
Tgt Ion: 43 Resp: 19959
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1

Manual Integrations
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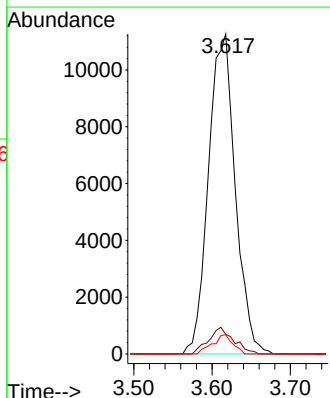
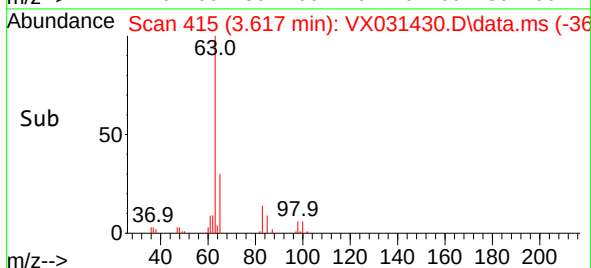
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

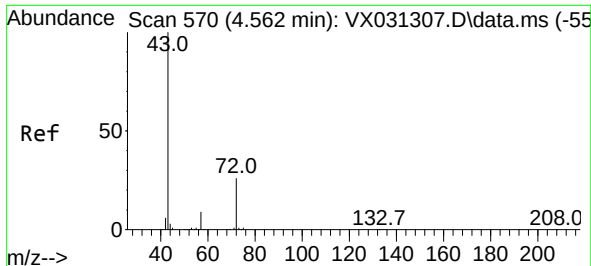


#24
 1,1-Dichloroethane
 Concen: 16.817 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26



Tgt Ion: 63 Resp: 26811
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 6.0 2.4 7.2





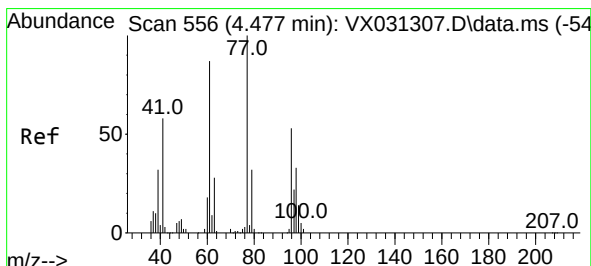
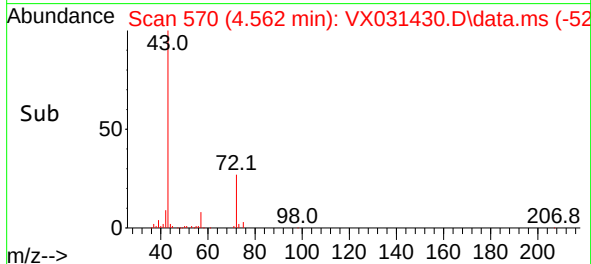
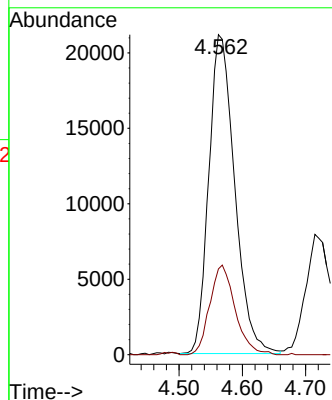
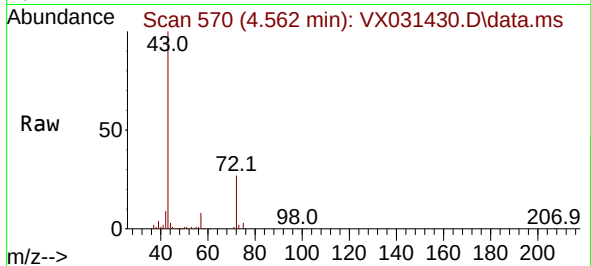
#25
2-Butanone
Concen: 73.919 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion: 43 Resp: 6013
Ion Ratio Lower Upper
43 100
72 26.9 21.1 31.7

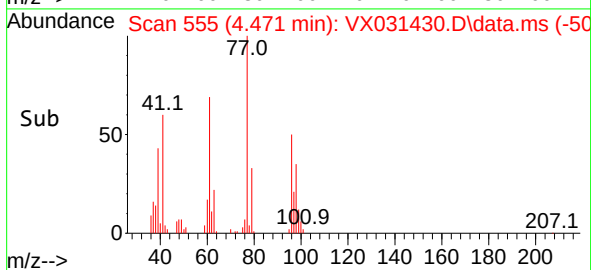
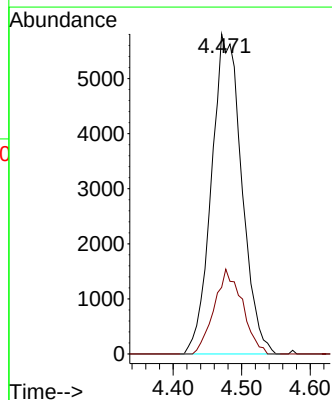
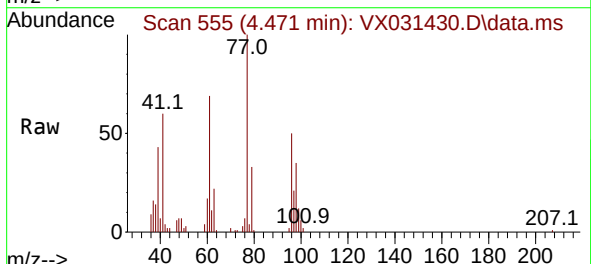
Manual Integrations
APPROVED

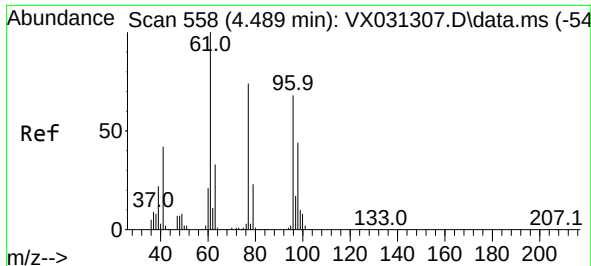
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#26
2,2-Dichloropropane
Concen: 11.750 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

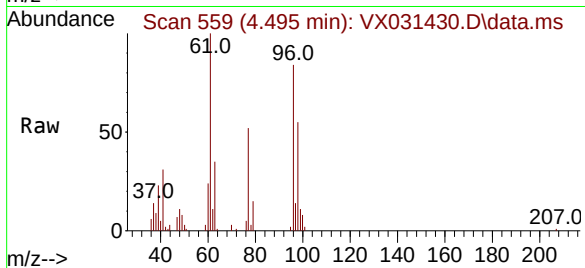
Tgt Ion: 77 Resp: 17772
Ion Ratio Lower Upper
77 100
97 24.7 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.651 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26

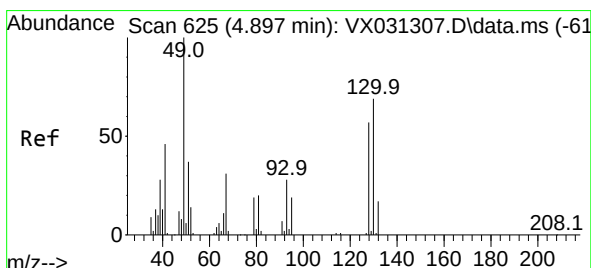
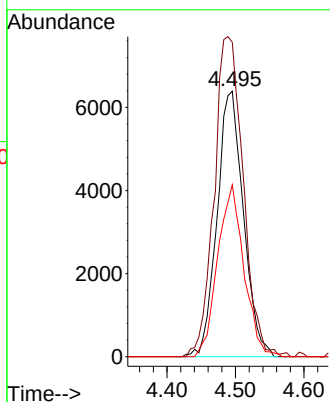
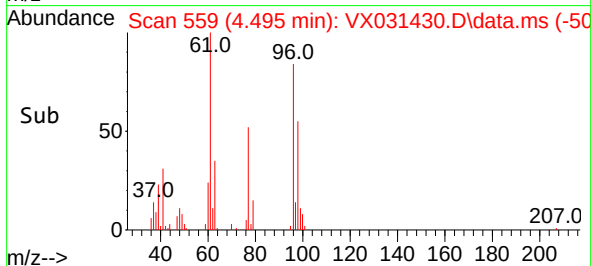
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS04



Tgt Ion: 96 Resp: 17085
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 305.2
 98 64.4 0.0 128.4

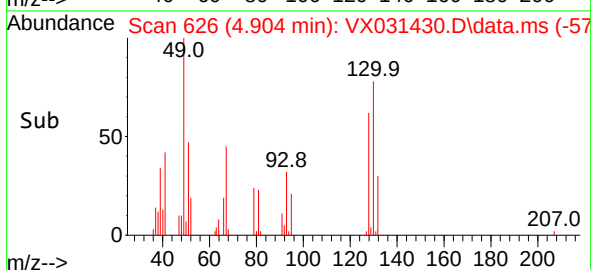
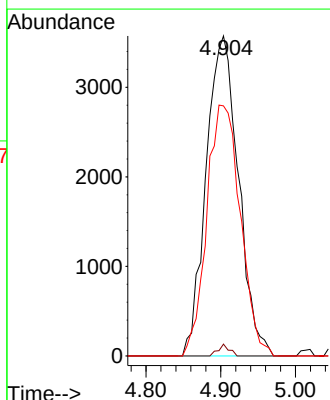
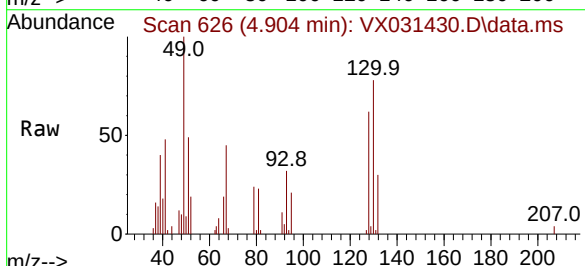
Manual Integrations
 APPROVED

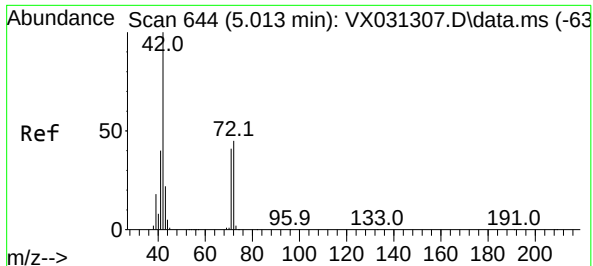
Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#28
 Bromochloromethane
 Concen: 14.446 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX031430.D
 Acq: 16 Sep 2022 23:26

Tgt Ion: 49 Resp: 10735
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.6
 130 81.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 74.714 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

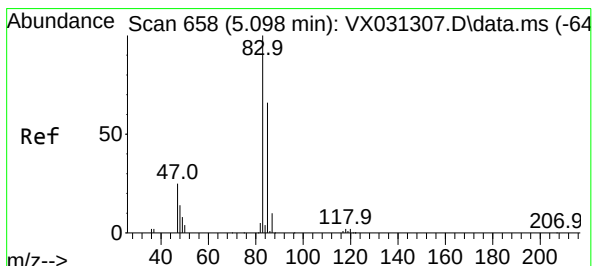
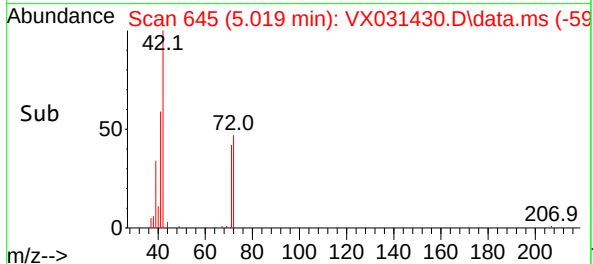
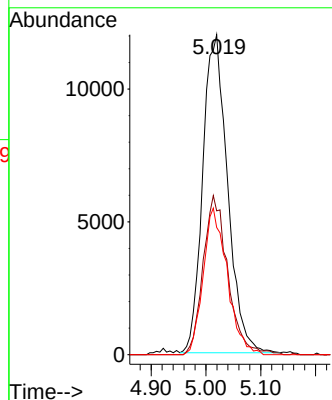
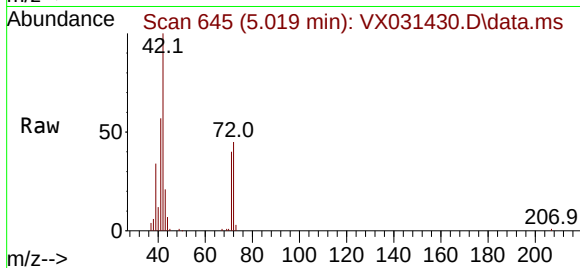
Tgt Ion:	42	Resp:	3764
Ion Ratio	Lower	Upper	
42	100		
72	49.8	36.4	54.6
71	44.6	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#30

Chloroform

Concen: 17.239 ug/l

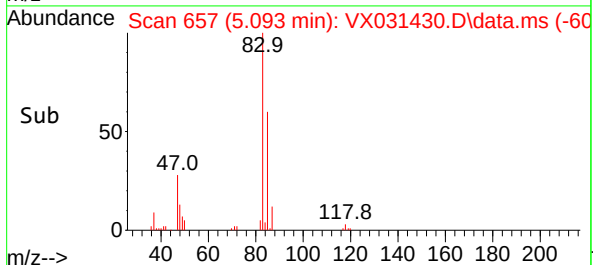
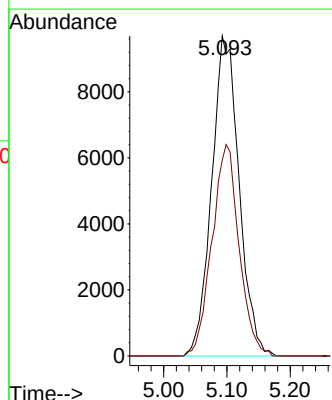
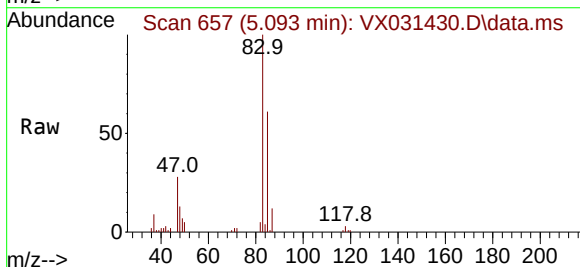
RT: 5.093 min Scan# 657

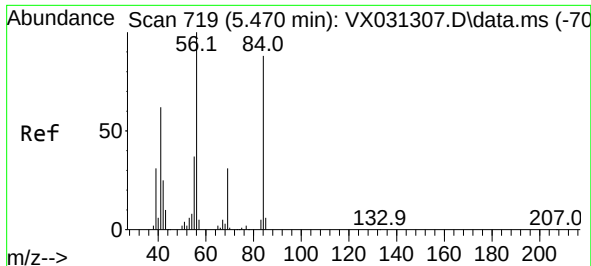
Delta R.T. -0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

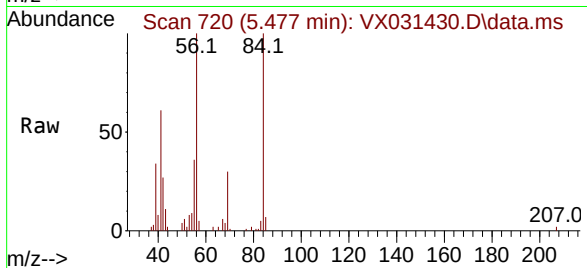
Tgt Ion:	83	Resp:	29103
Ion Ratio	Lower	Upper	
83	100		
85	61.2	52.8	79.2





#31
Cyclohexane
Concen: 16.202 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

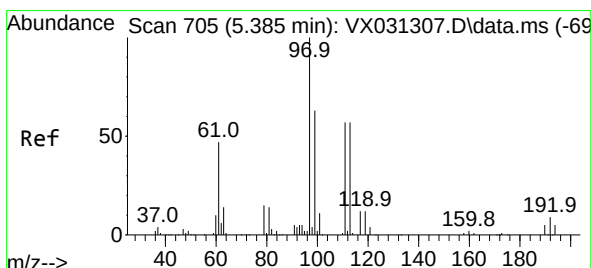
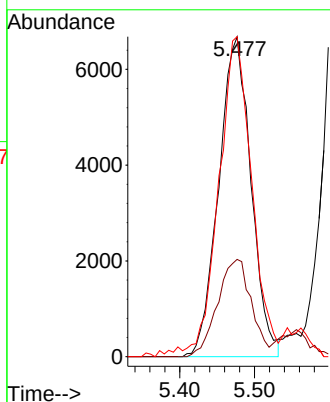
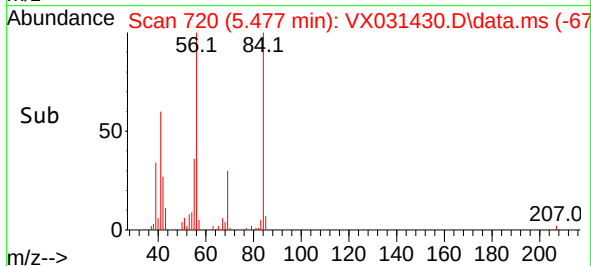
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 56 Resp: 20109
Ion Ratio Lower Upper
56 100
69 30.4 25.1 37.7
84 97.0 70.2 105.4

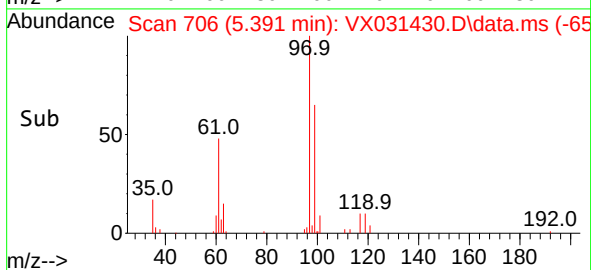
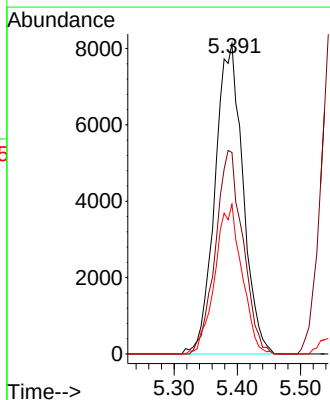
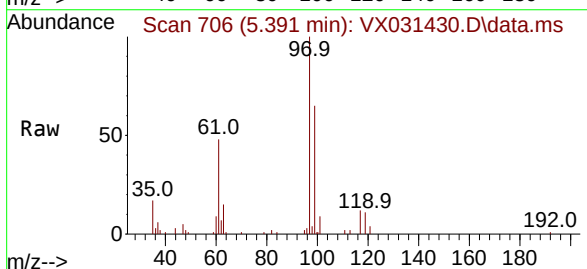
Manual Integrations
APPROVED

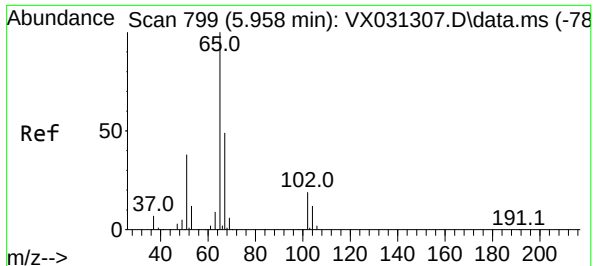
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#32
1,1,1-Trichloroethane
Concen: 16.447 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 97 Resp: 24879
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 46.5 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 0.749 ug/l m

RT: 5.971 min Scan# 801

Delta R.T. 0.012 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

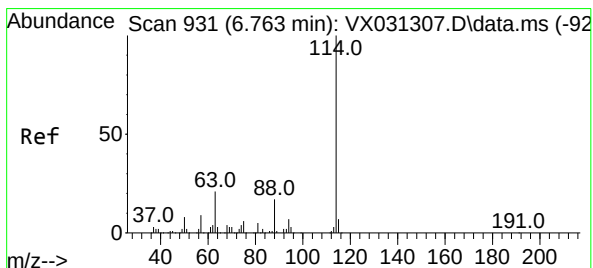
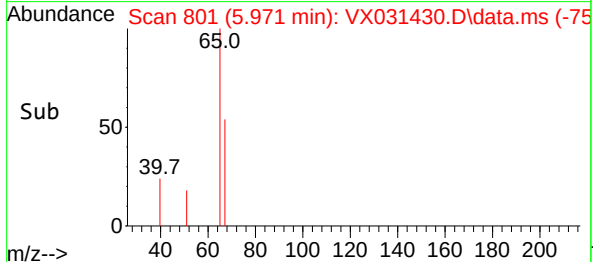
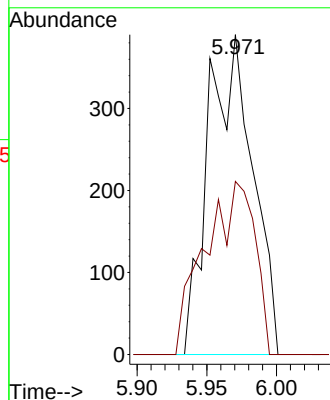
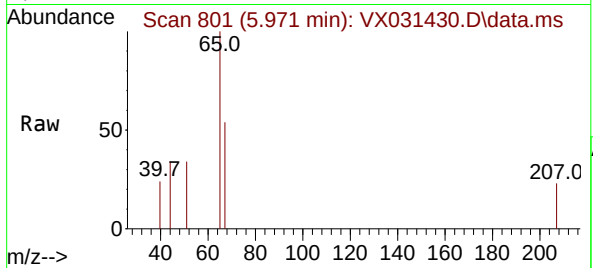
VX0916WBS04

Tgt Ion: 65 Resp: 86
 Ion Ratio Lower Upper
 65 100
 67 60.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

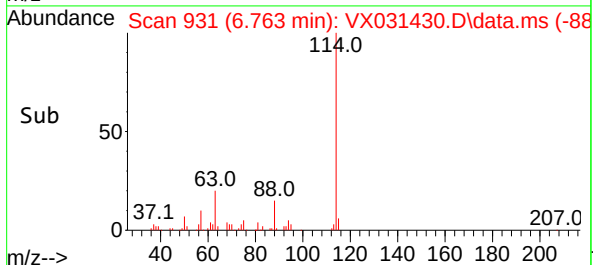
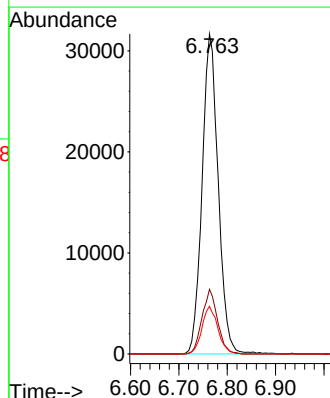
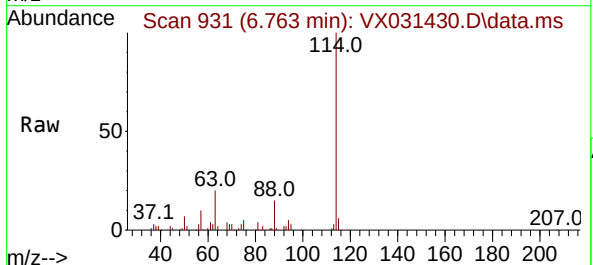
RT: 6.763 min Scan# 931

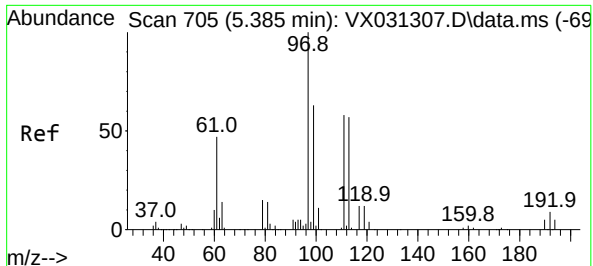
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:114 Resp: 73276
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 0.744 ug/l m

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

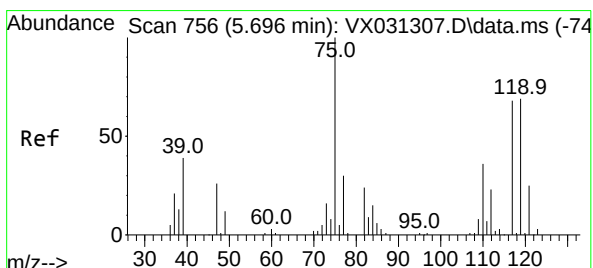
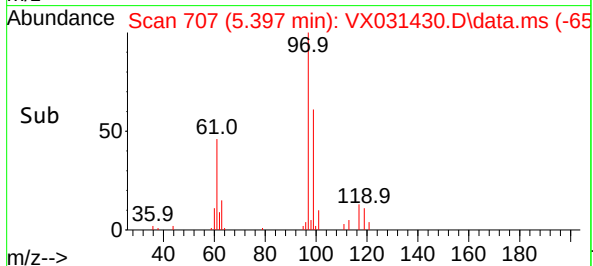
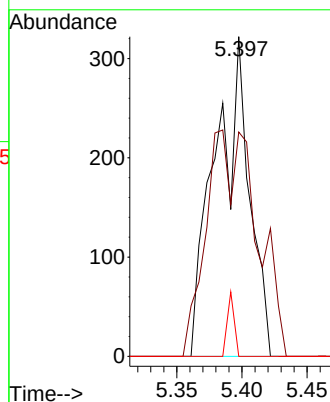
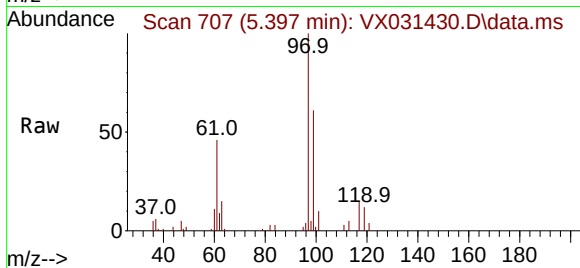
Tgt Ion:	113	Resp:	580
Ion	Ratio	Lower	Upper
113	100		
111	53.8	82.4	123.6
192	4.1	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#36

1,1-Dichloropropene

Concen: 18.338 ug/l

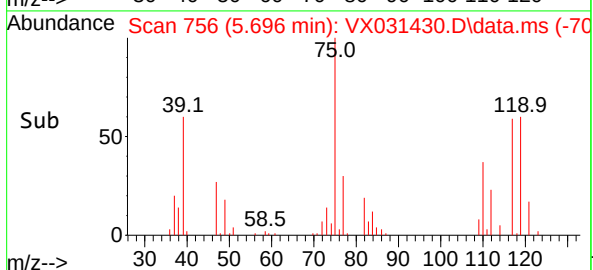
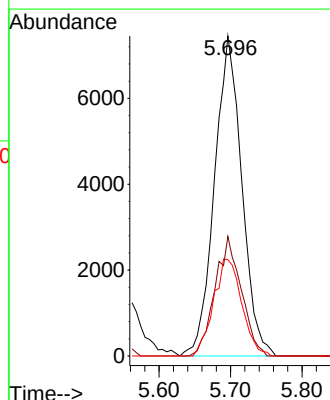
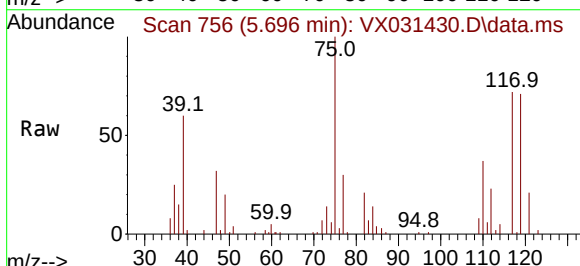
RT: 5.696 min Scan# 756

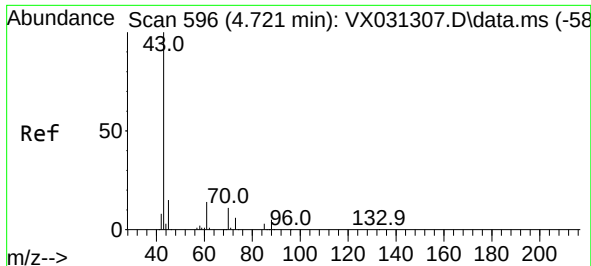
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:	75	Resp:	19770
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.5	52.5
77	31.3	24.9	37.3





#37

Ethyl Acetate

Concen: 16.763 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

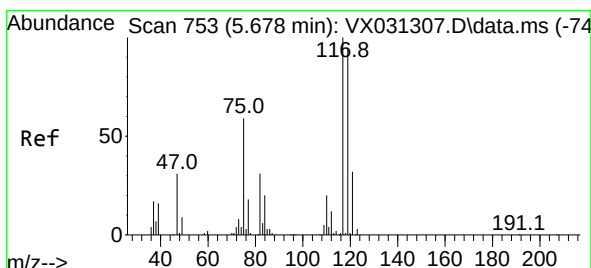
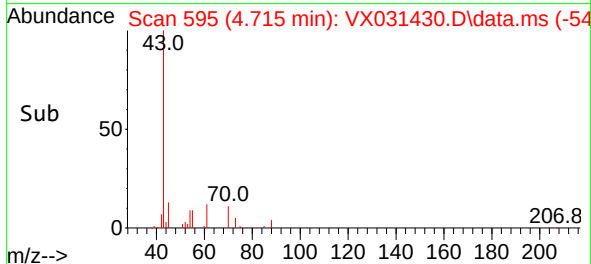
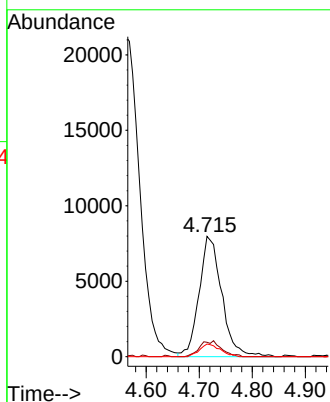
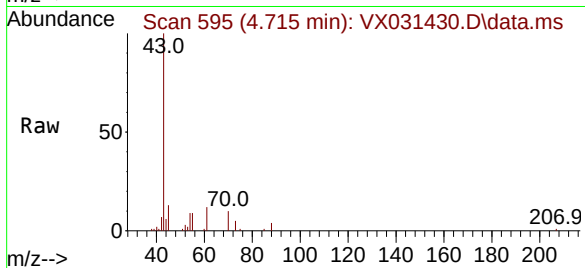
Tgt Ion: 43	Resp: 23749
Ion Ratio	Lower Upper
43 100	
61 12.7	11.1 16.7
70 9.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#38

Carbon Tetrachloride

Concen: 17.928 ug/l

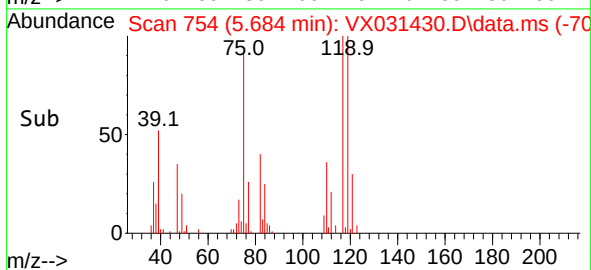
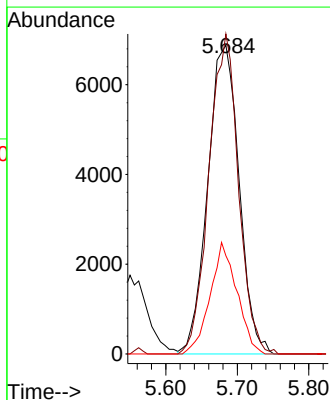
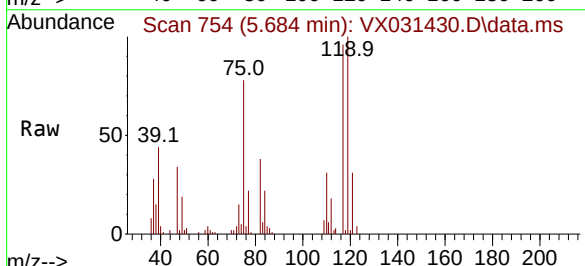
RT: 5.684 min Scan# 754

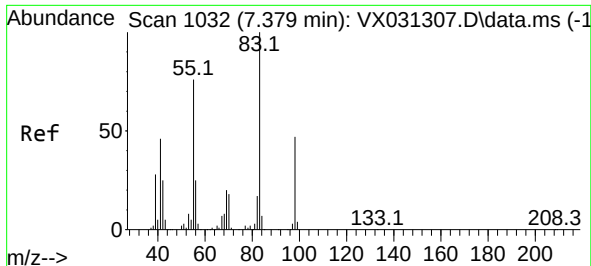
Delta R.T. 0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:117	Resp: 21010
Ion Ratio	Lower Upper
117 100	
119 103.6	74.6 112.0
121 31.8	25.3 37.9





#39

Methylcyclohexane

Concen: 18.199 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

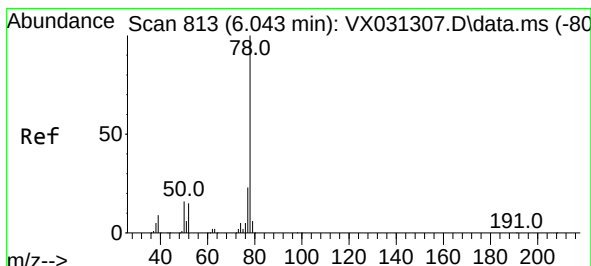
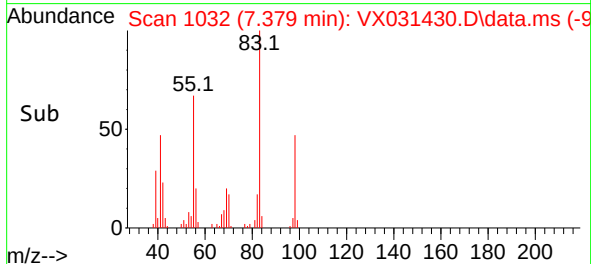
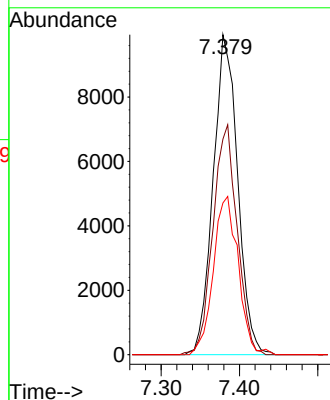
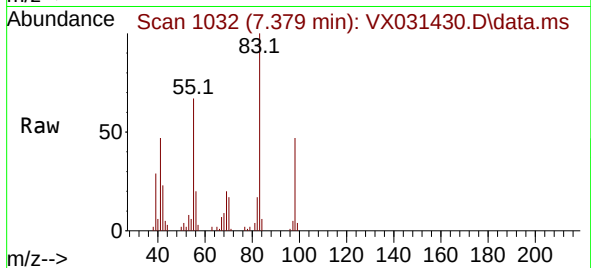
Tgt Ion: 83	Resp: 21608
Ion Ratio	Lower Upper
83	100
55	67.3 61.0 91.4
98	47.4 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#40

Benzene

Concen: 19.088 ug/l

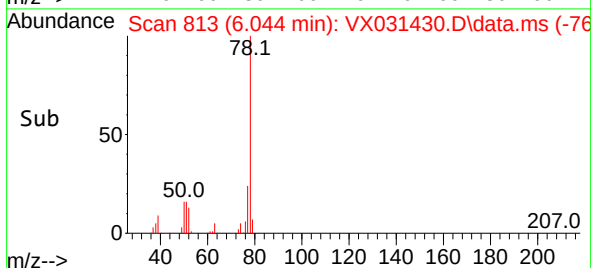
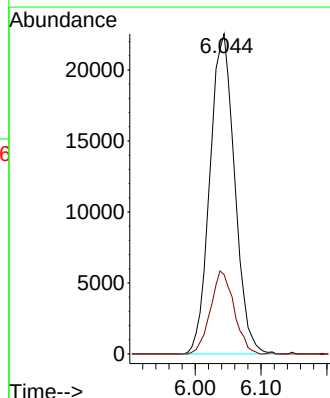
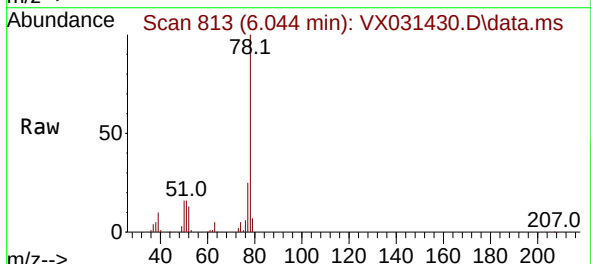
RT: 6.044 min Scan# 813

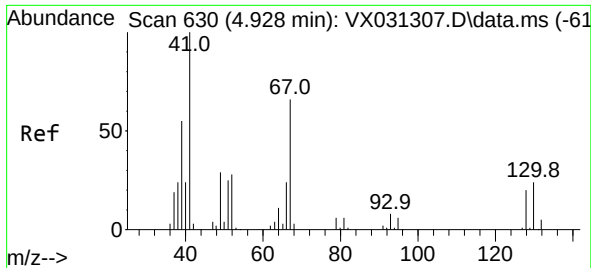
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

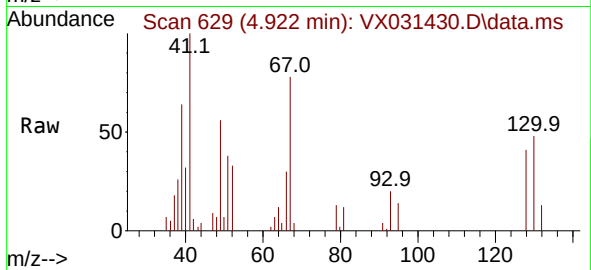
Tgt Ion: 78	Resp: 59095
Ion Ratio	Lower Upper
78	100
77	24.8 18.7 28.1





#41
Methacrylonitrile
Concen: 15.133 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

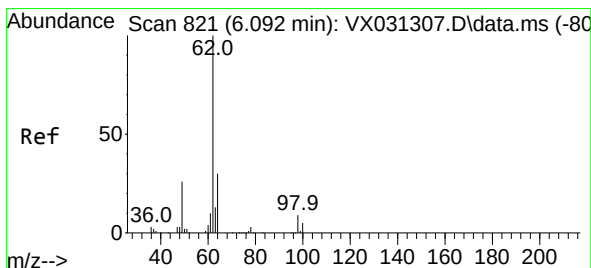
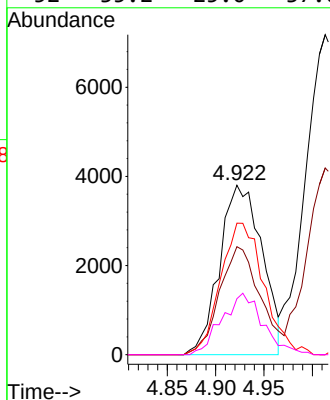
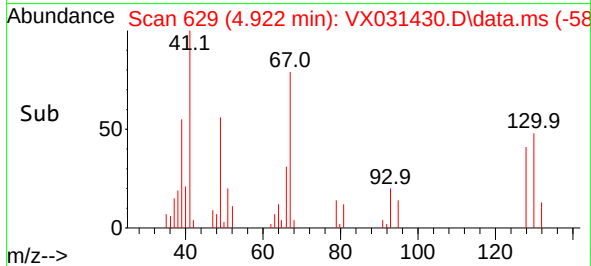
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion:	41	Resp:	1161
Ion Ratio	100	Lower	Upper
39	61.3	45.0	67.6
67	79.2	58.2	87.4
52	35.2	25.0	37.6

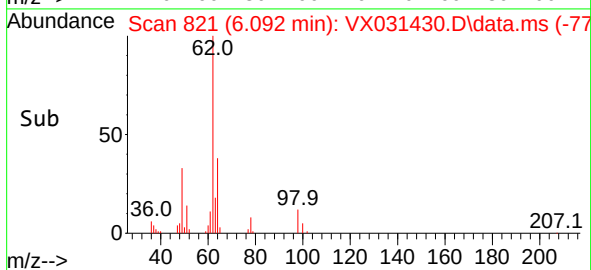
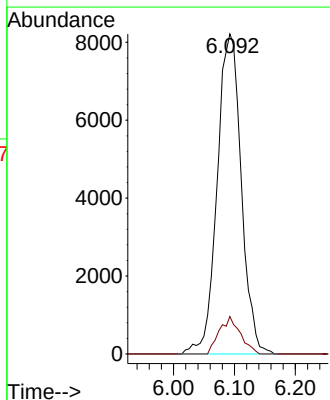
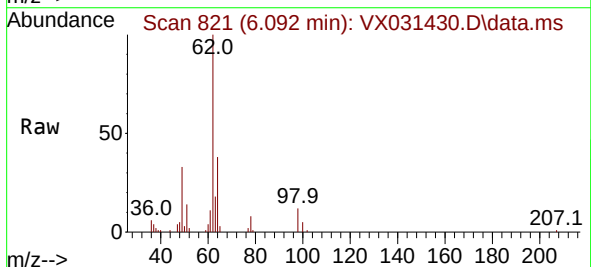
Manual Integrations
APPROVED

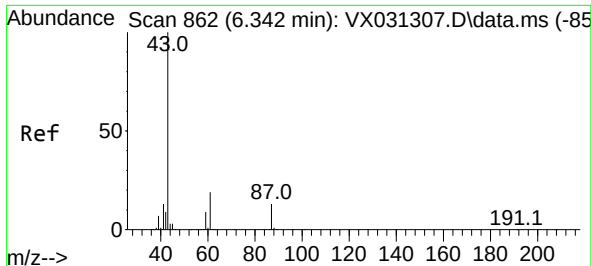
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#42
1,2-Dichloroethane
Concen: 18.090 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion:	62	Resp:	22590
Ion Ratio	100	Lower	Upper
98	10.2	0.0	17.8





#43

Isopropyl Acetate

Concen: 15.533 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

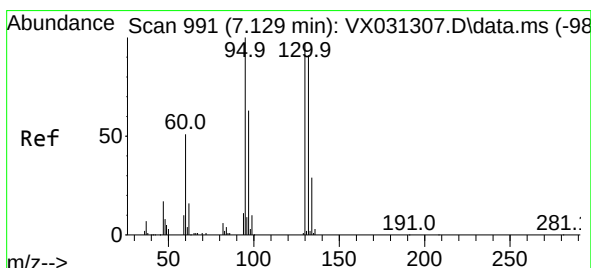
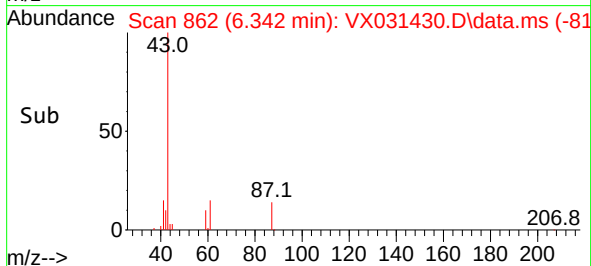
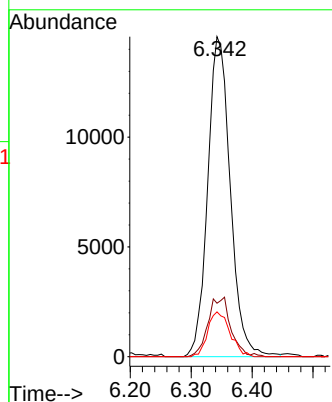
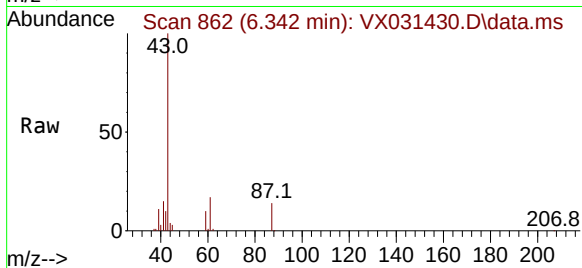
Tgt Ion:	43	Resp:	3756
Ion Ratio	Lower	Upper	
43	100		
61	18.5	15.3	22.9
87	13.8	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#44

Trichloroethene

Concen: 20.265 ug/l

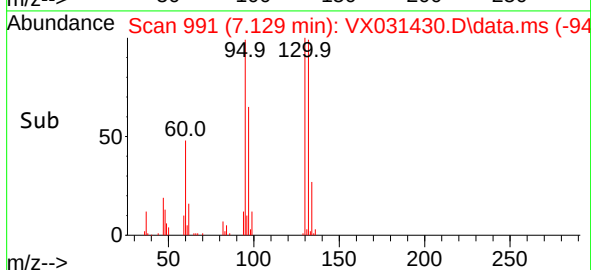
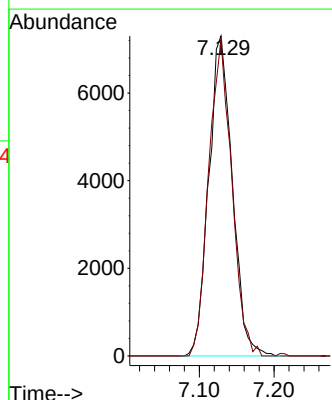
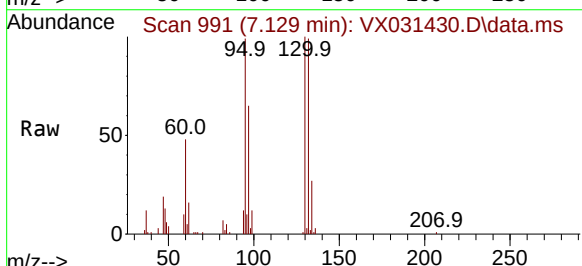
RT: 7.129 min Scan# 991

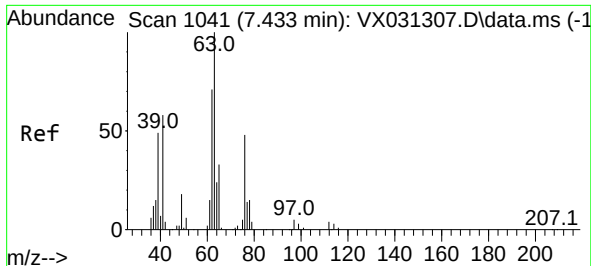
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:	130	Resp:	15996
Ion Ratio	Lower	Upper	
130	100		
95	98.9	0.0	206.8





#45

1,2-Dichloropropane

Concen: 17.962 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion: 63 Resp: 15224

Ion Ratio Lower Upper

63 100

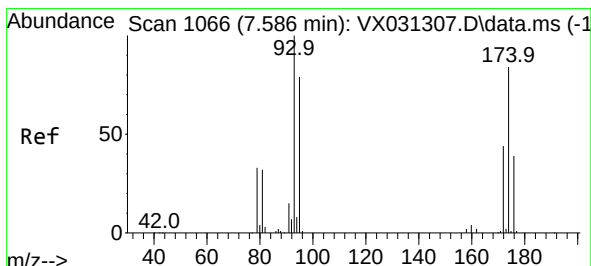
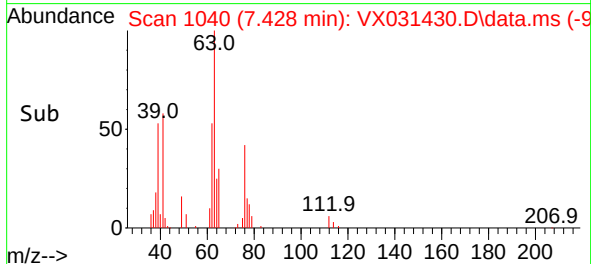
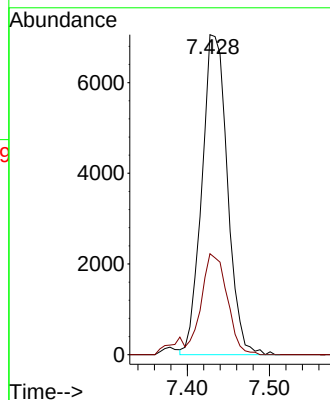
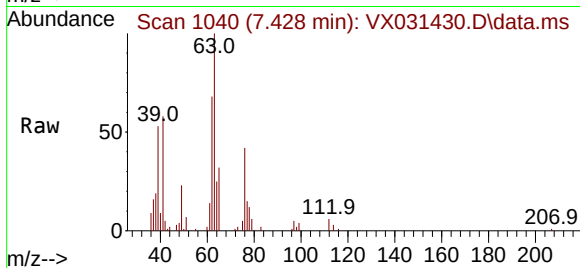
65 31.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#46

Dibromomethane

Concen: 19.161 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

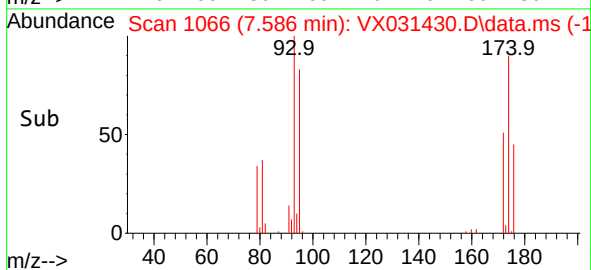
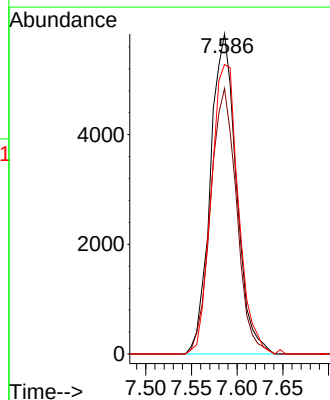
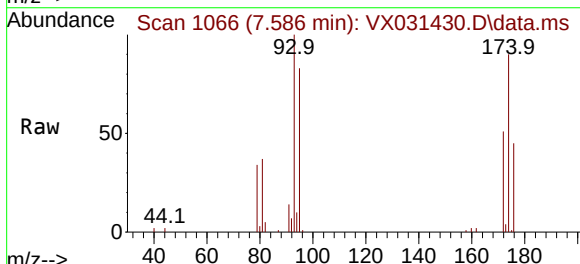
Tgt Ion: 93 Resp: 11517

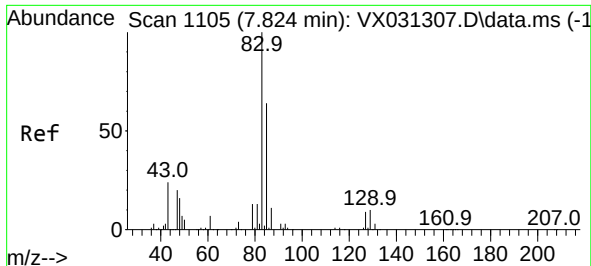
Ion Ratio Lower Upper

93 100

95 83.4 65.5 98.3

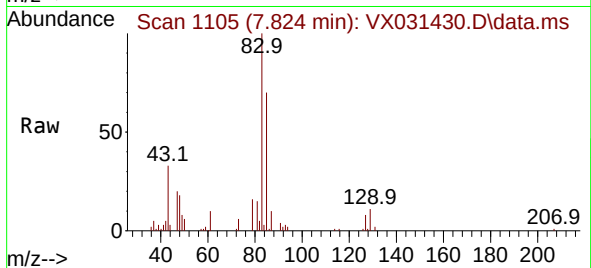
174 94.4 67.6 101.4





#47
Bromodichloromethane
Concen: 17.753 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

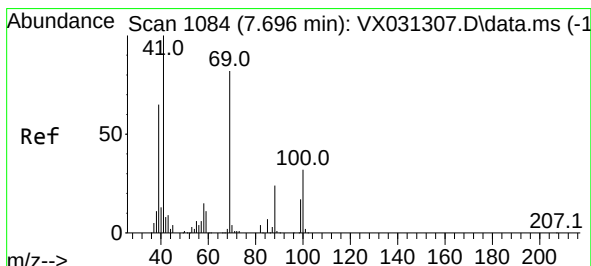
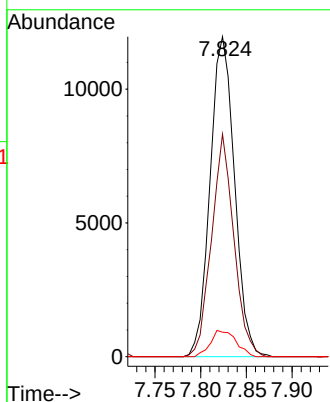
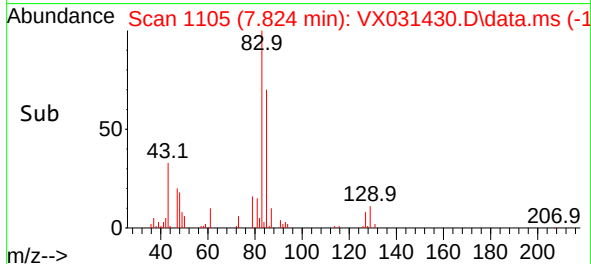
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 83 Resp: 22194
Ion Ratio Lower Upper
83 100
85 69.6 51.0 76.6
127 7.6 7.0 10.6

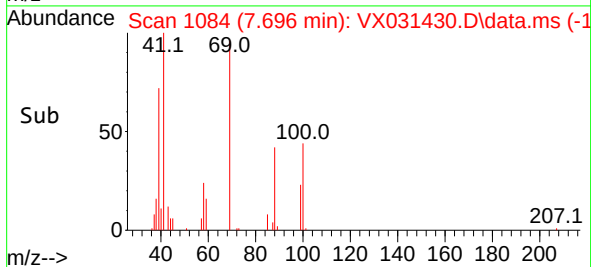
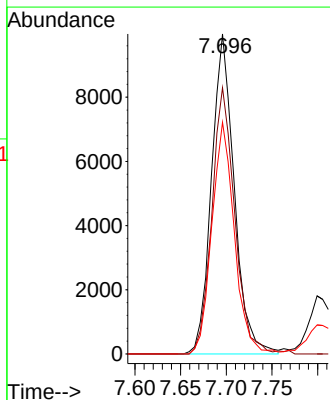
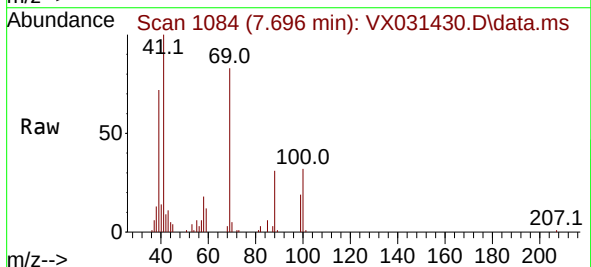
Manual Integrations
APPROVED

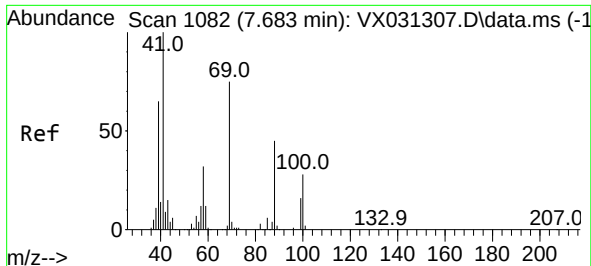
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#48
Methyl methacrylate
Concen: 15.659 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 41 Resp: 17239
Ion Ratio Lower Upper
41 100
69 83.6 64.6 96.8
39 71.8 51.4 77.0





#49

1,4-Dioxane

Concen: 388.080 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

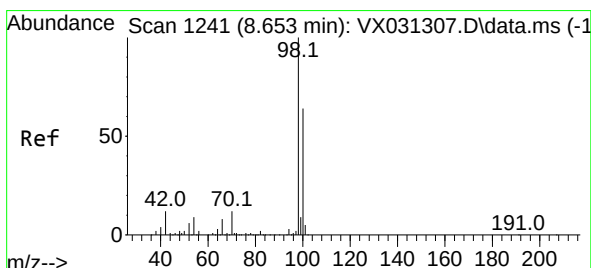
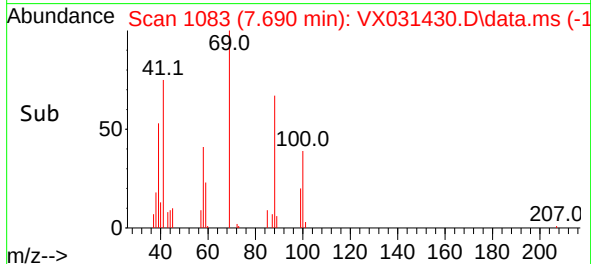
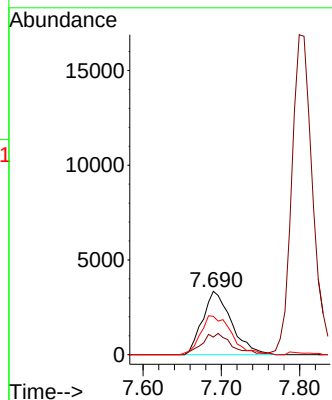
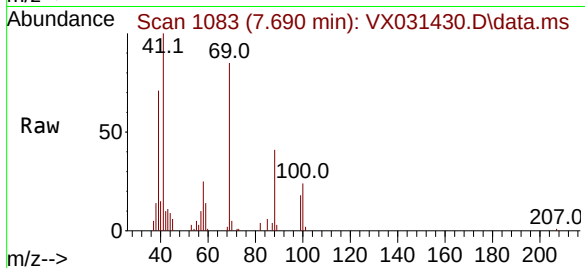
Tgt Ion:	88	Resp:	856
Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.1	40.7
58	65.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#50

Toluene-d8

Concen: 0.757 ug/l

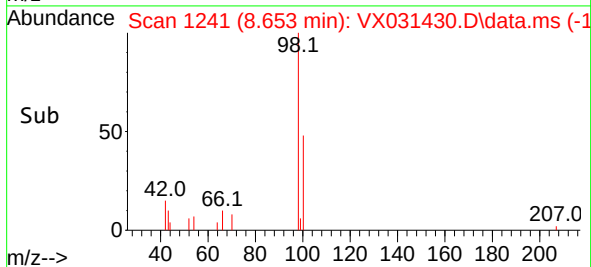
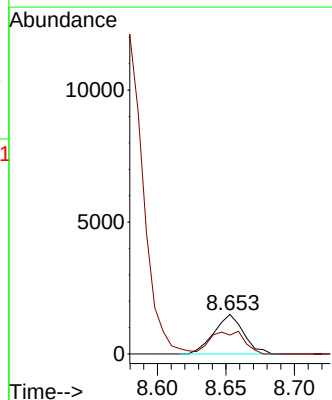
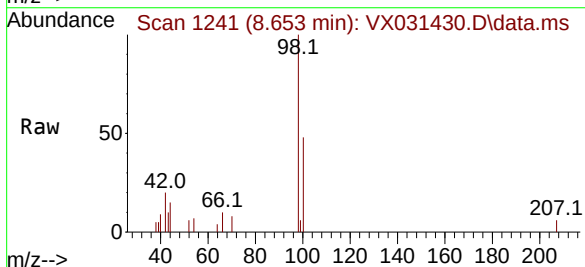
RT: 8.653 min Scan# 1241

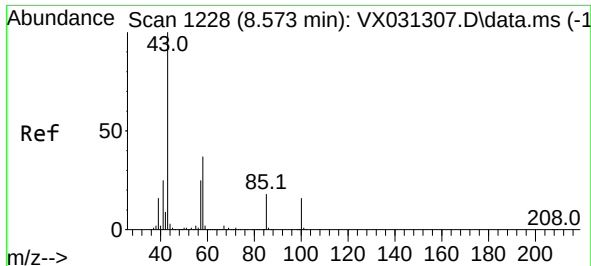
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

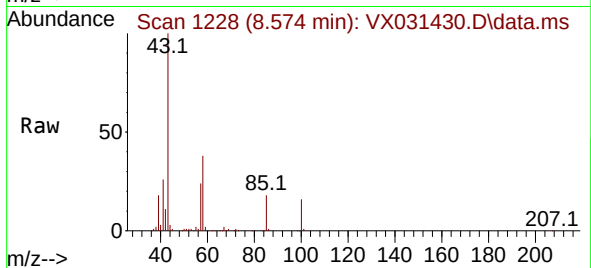
Tgt Ion:	98	Resp:	2236
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 86.495 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

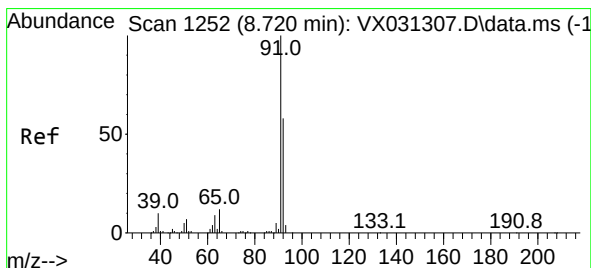
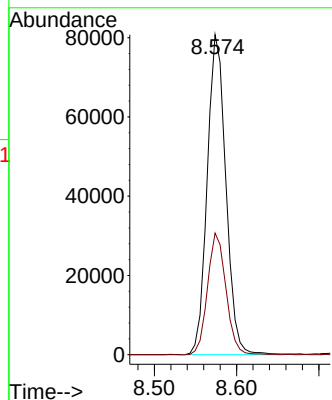
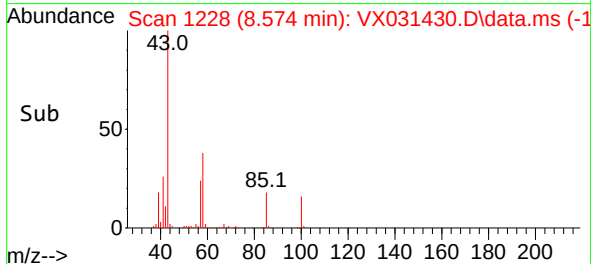
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 43 Resp: 127144
Ion Ratio Lower Upper
43 100
58 37.6 30.6 46.0

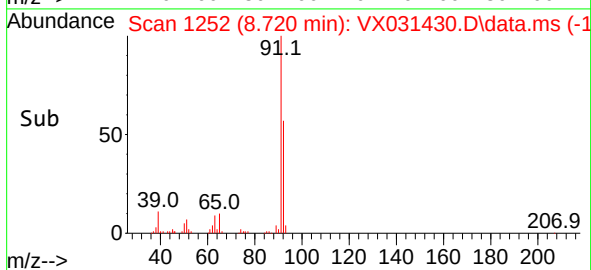
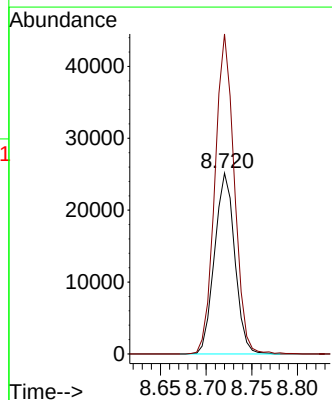
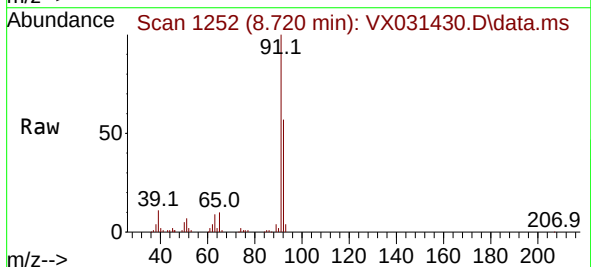
Manual Integrations
APPROVED

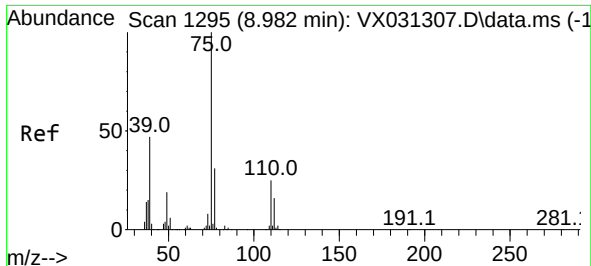
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#52
Toluene
Concen: 19.752 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 92 Resp: 38681
Ion Ratio Lower Upper
92 100
91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 15.606 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion: 75 Resp: 2195

Ion Ratio Lower Upper

75 100

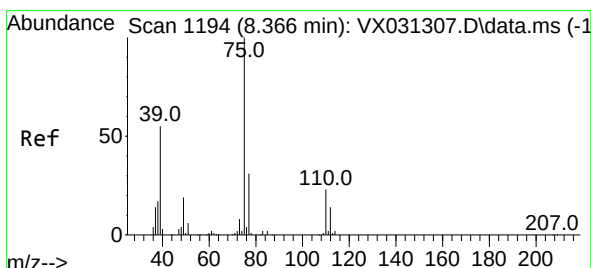
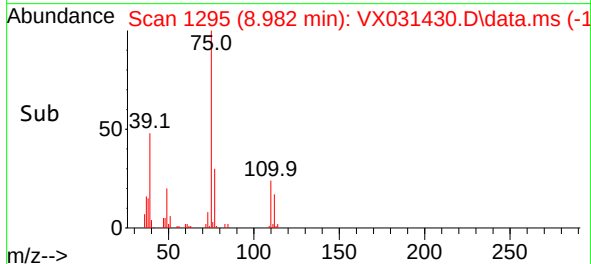
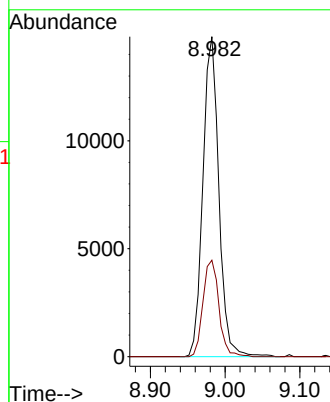
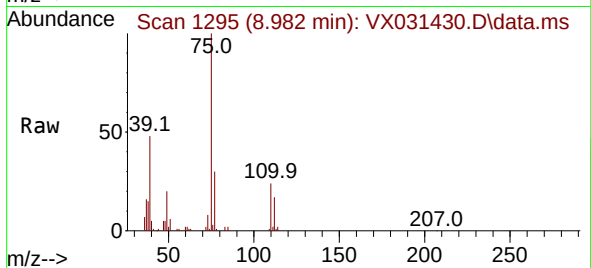
77 30.1 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#54

cis-1,3-Dichloropropene

Concen: 15.428 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

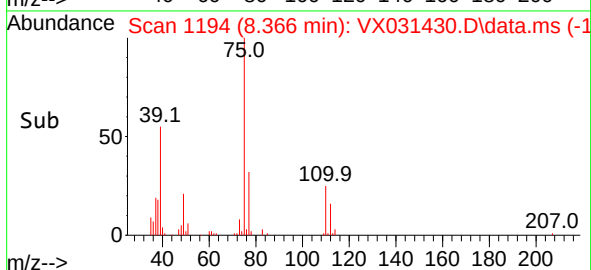
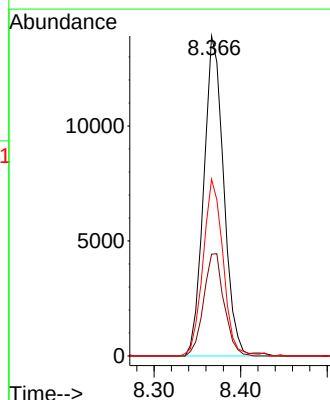
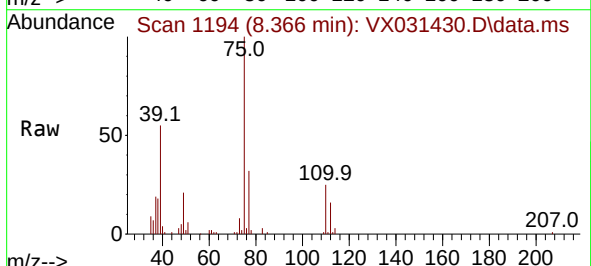
Tgt Ion: 75 Resp: 22305

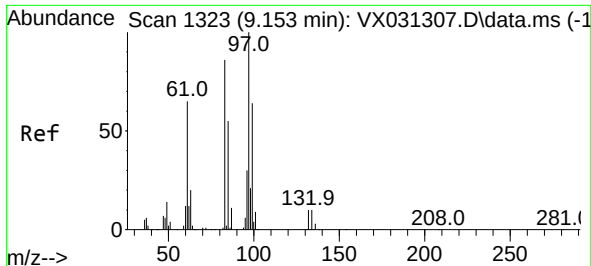
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

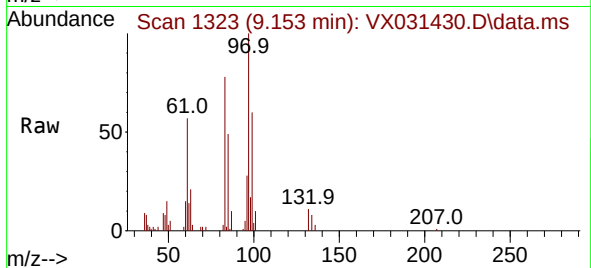
39 55.2 43.7 65.5





#55
1,1,2-Trichloroethane
Concen: 19.661 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

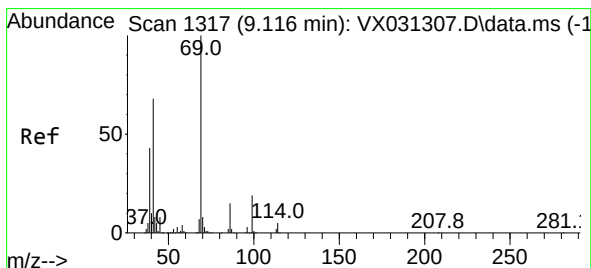
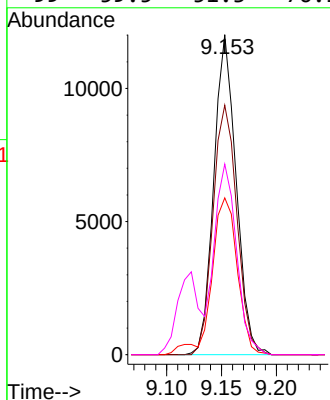
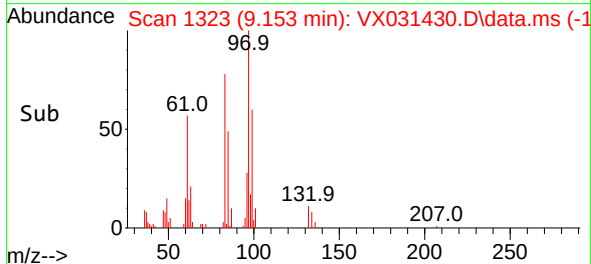
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



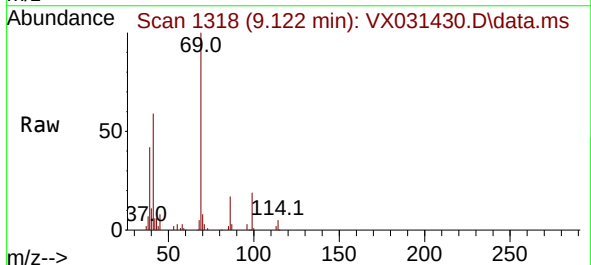
Tgt Ion:	97	Resp:	1699
Ion	Ratio	Lower	Upper
97	100		
83	78.0	69.0	103.6
85	49.0	44.1	66.1
99	59.5	51.3	76.9

Manual Integrations
APPROVED

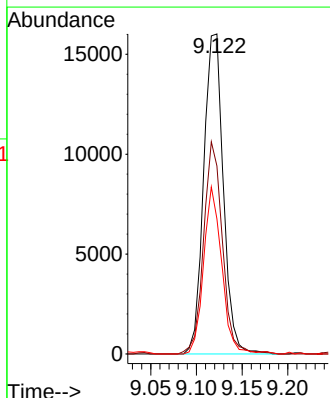
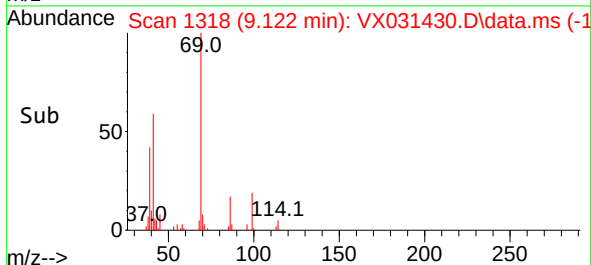
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

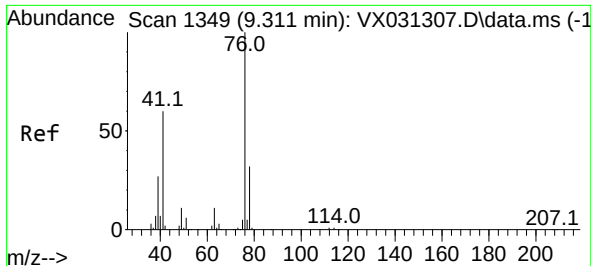


#56
Ethyl methacrylate
Concen: 17.116 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



Tgt Ion:	69	Resp:	23953
Ion	Ratio	Lower	Upper
69	100		
41	63.3	54.2	81.4
39	48.1	34.2	51.2





#57

1,3-Dichloropropane

Concen: 18.067 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion: 76 Resp: 2683

Ion Ratio Lower Upper

76 100

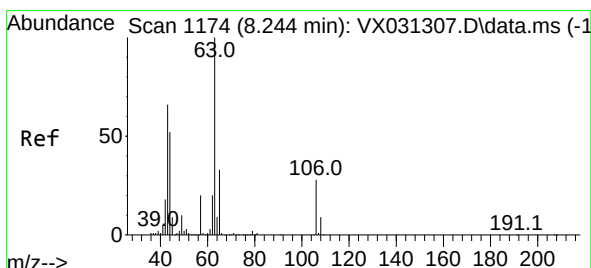
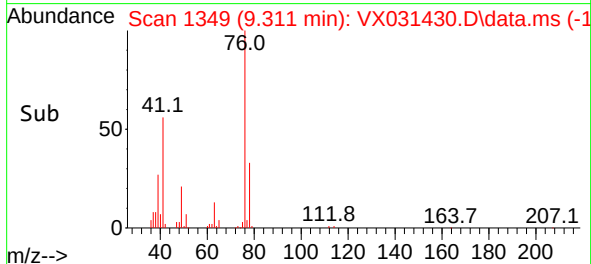
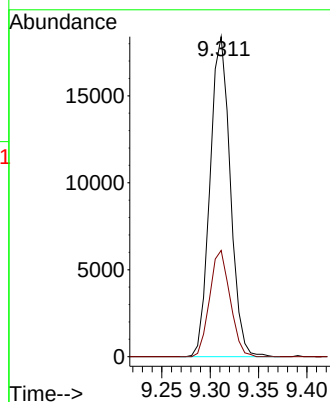
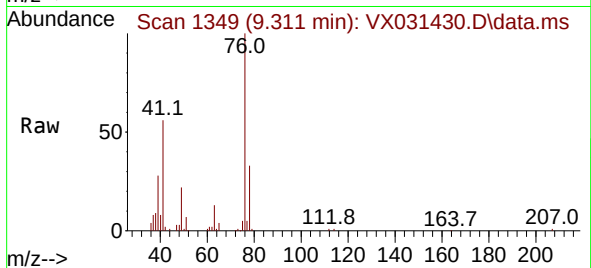
78 33.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#58

2-Chloroethyl Vinyl ether

Concen: 76.184 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031430.D

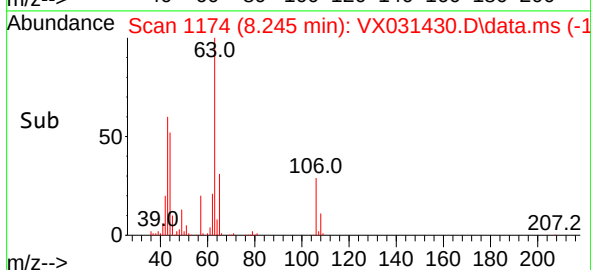
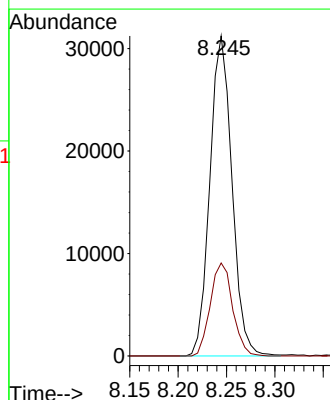
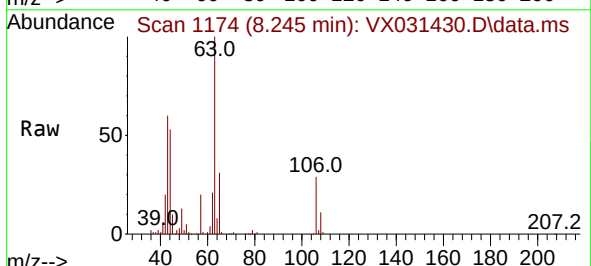
Acq: 16 Sep 2022 23:26

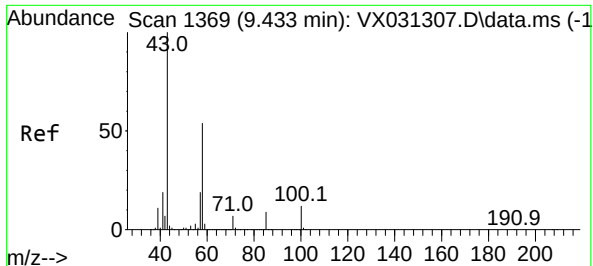
Tgt Ion: 63 Resp: 49676

Ion Ratio Lower Upper

63 100

106 29.3 22.6 34.0





#59

2-Hexanone

Concen: 85.713 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion: 43 Resp: 9616

Ion Ratio Lower Upper

43 100

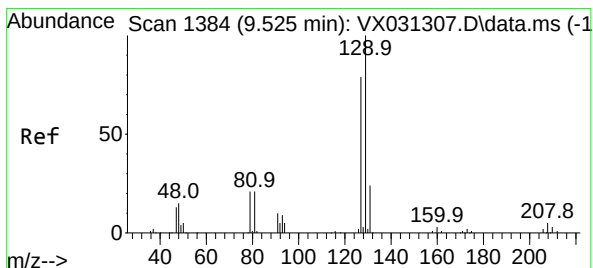
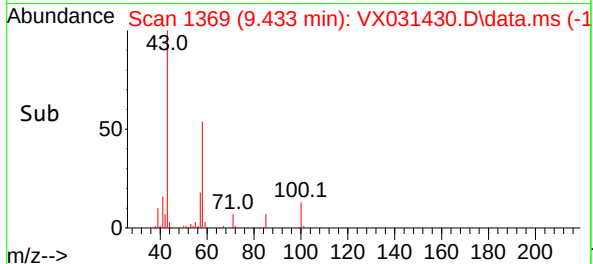
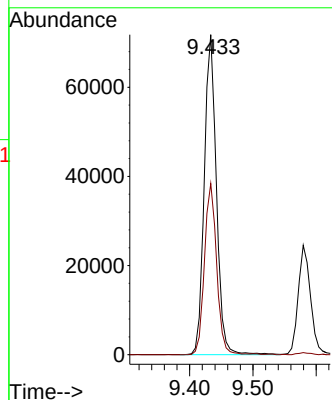
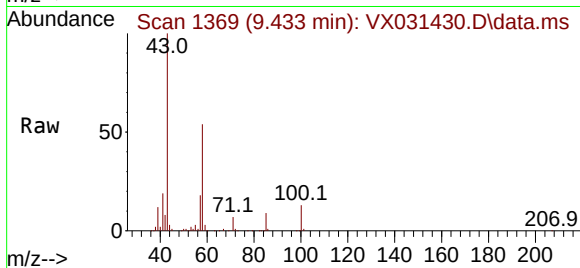
58 53.5 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#60

Dibromochloromethane

Concen: 18.215 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX031430.D

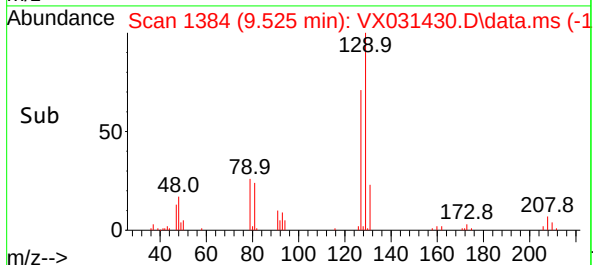
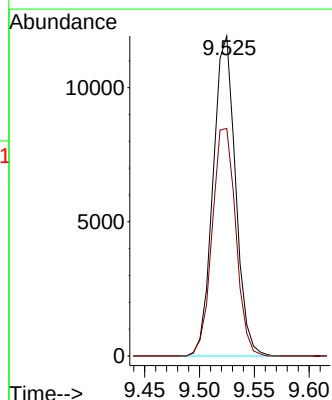
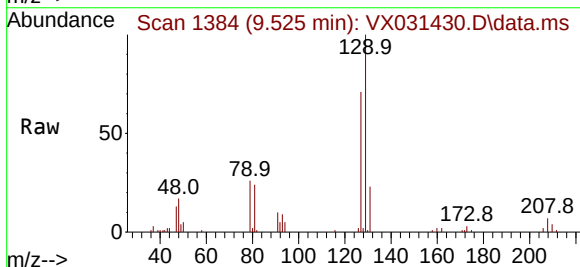
Acq: 16 Sep 2022 23:26

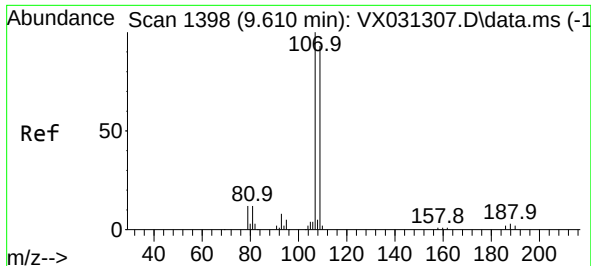
Tgt Ion:129 Resp: 16977

Ion Ratio Lower Upper

129 100

127 74.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 19.672 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

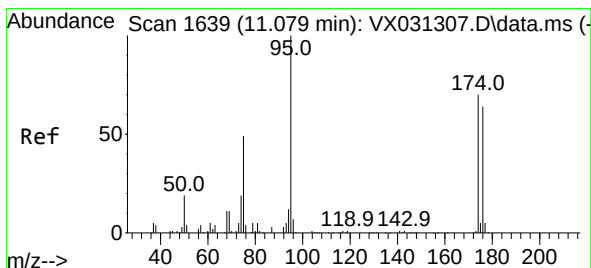
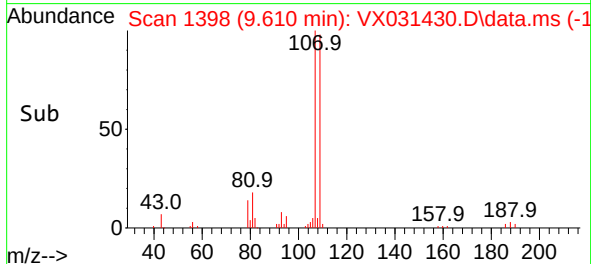
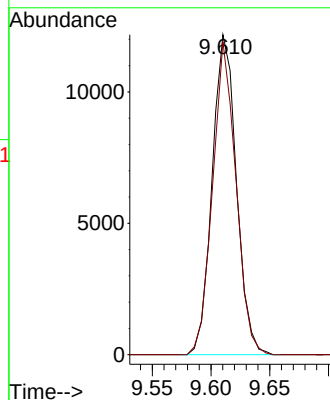
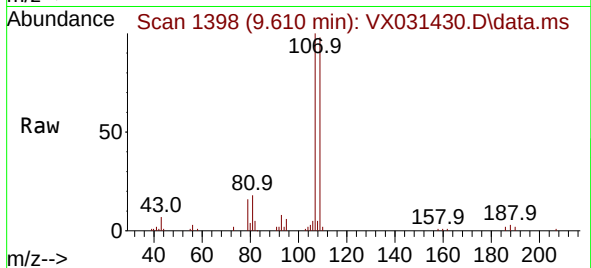
Tgt Ion:107 Resp: 17450
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.2 111.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#62

4-Bromofluorobenzene

Concen: 0.897 ug/l

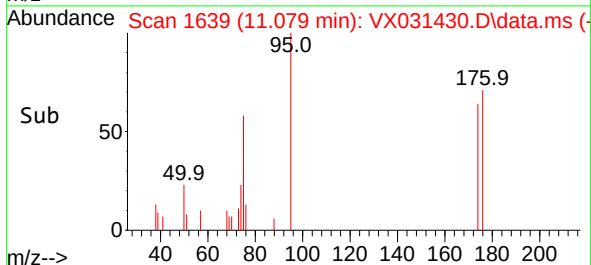
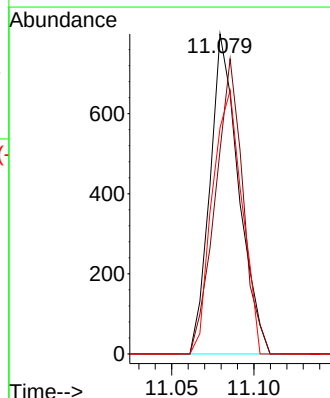
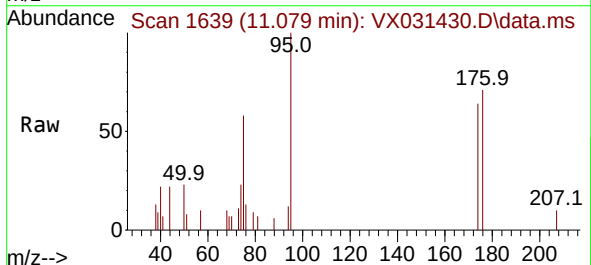
RT: 11.079 min Scan# 1639

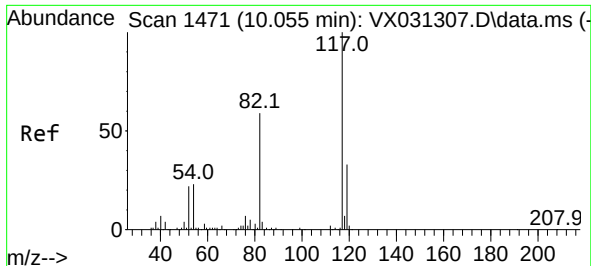
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

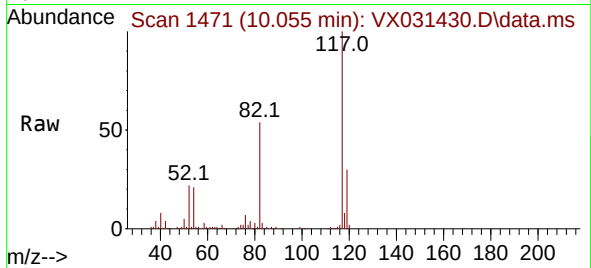
Tgt Ion: 95 Resp: 970
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 153.2
 176 85.3 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

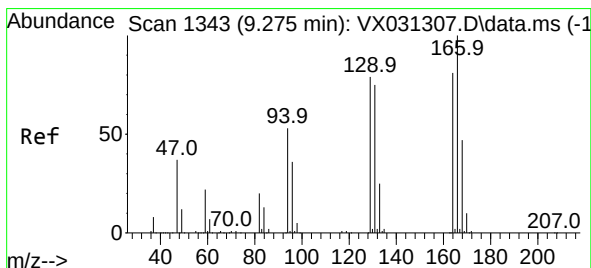
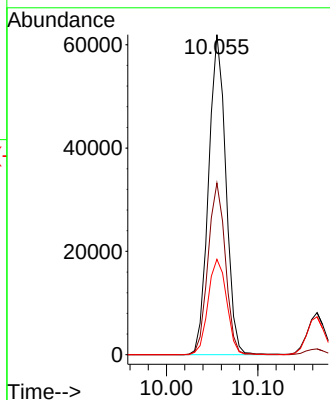
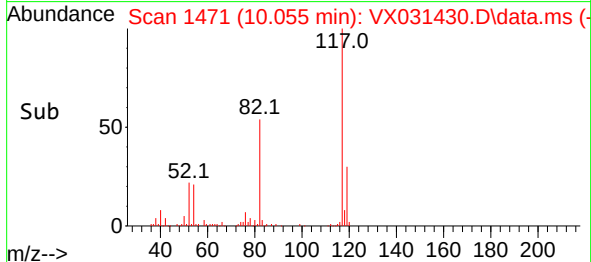
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion:117 Resp: 81000
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 29.8 26.4 39.6

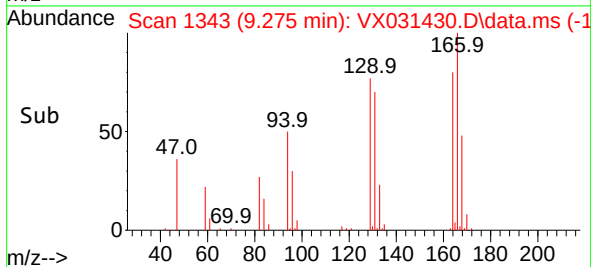
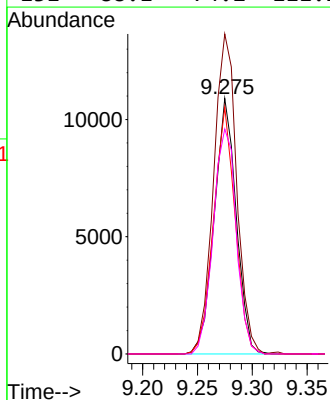
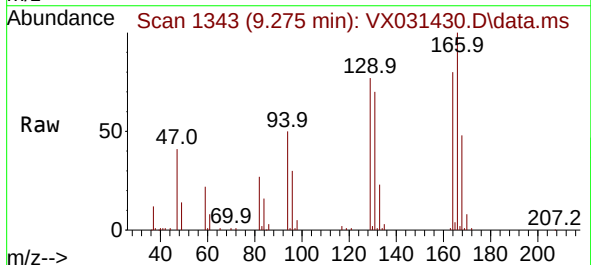
Manual Integrations
APPROVED

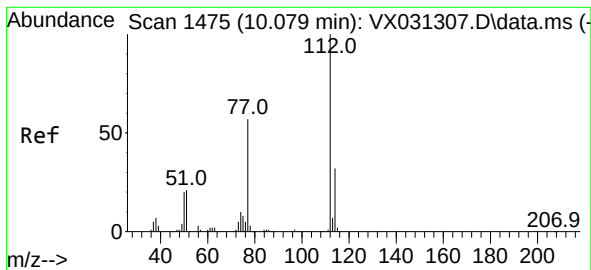
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#64
Tetrachloroethene
Concen: 20.520 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion:164 Resp: 15198
Ion Ratio Lower Upper
164 100
166 125.3 99.0 148.4
129 96.6 78.0 117.0
131 88.1 74.2 111.2





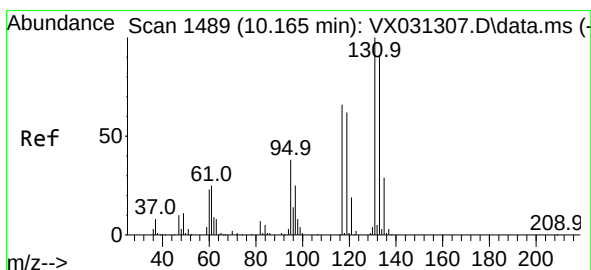
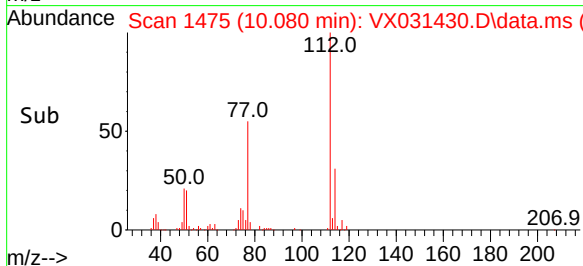
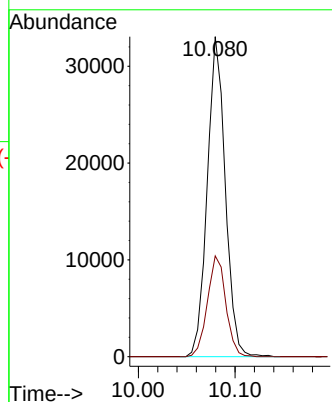
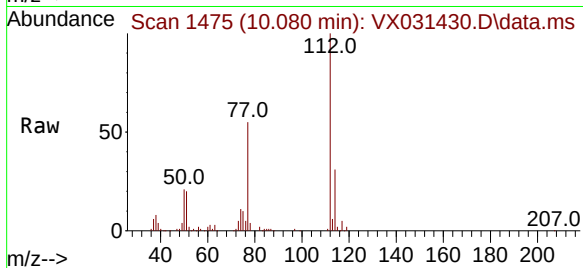
#65
Chlorobenzene
Concen: 19.989 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion:112 Resp: 42880
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

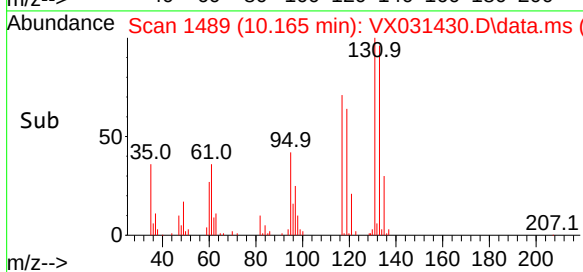
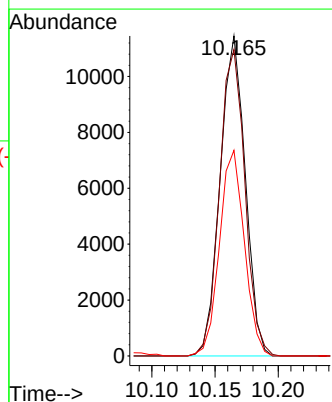
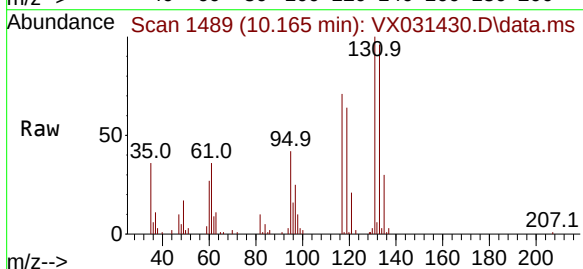
Manual Integrations
APPROVED

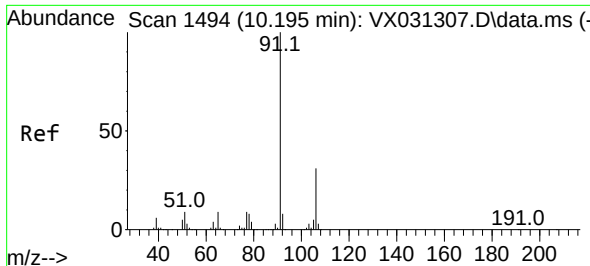
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.673 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

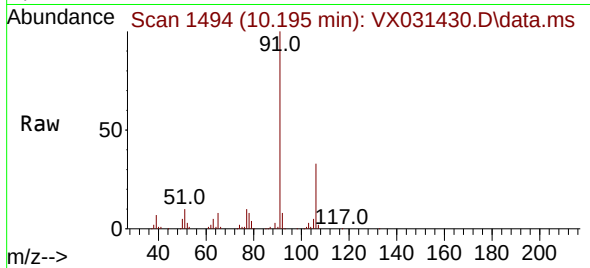
Tgt Ion:131 Resp: 15784
Ion Ratio Lower Upper
131 100
133 96.8 46.6 139.7
119 63.7 31.9 95.9





#67
Ethyl Benzene
Concen: 19.422 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

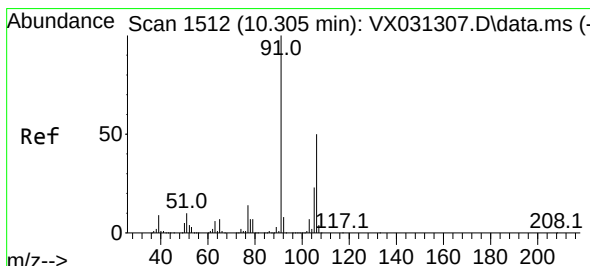
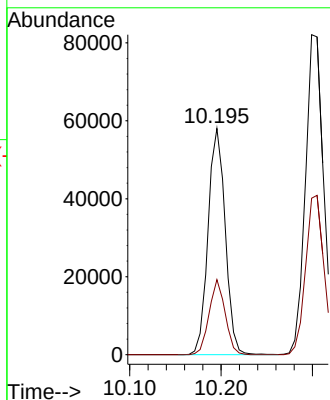
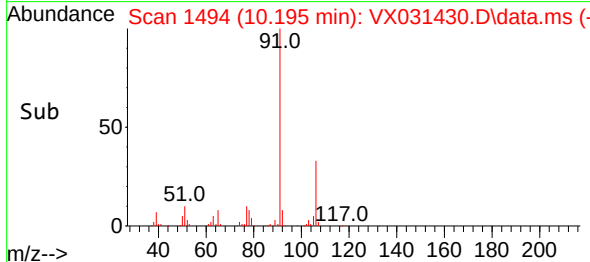
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 91 Resp: 7547
Ion Ratio Lower Upper
91 100
106 33.2 25.2 37.8

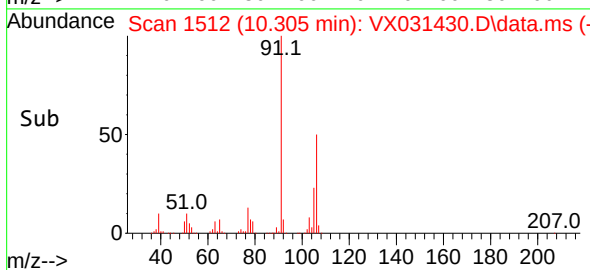
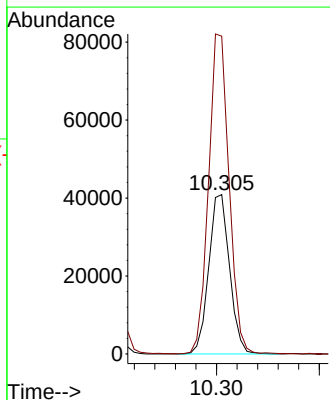
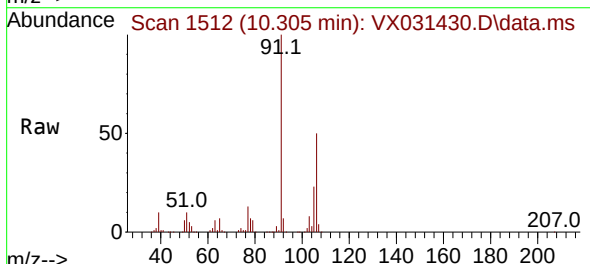
Manual Integrations
APPROVED

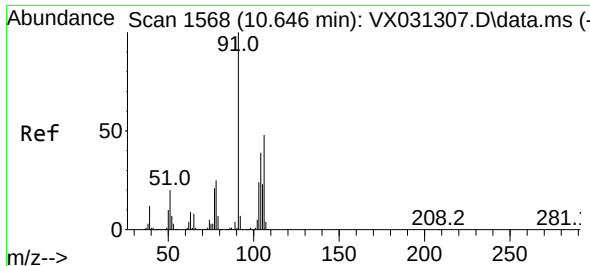
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#68
m/p-Xylenes
Concen: 38.890 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion:106 Resp: 57384
Ion Ratio Lower Upper
106 100
91 198.4 161.0 241.4





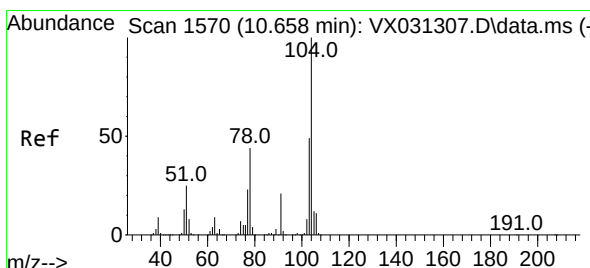
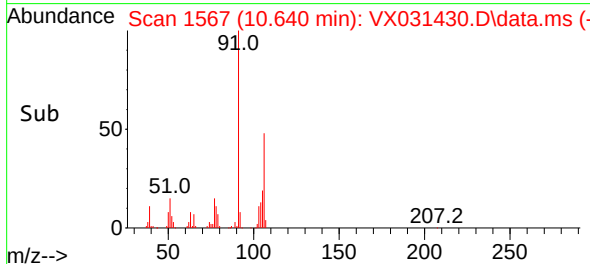
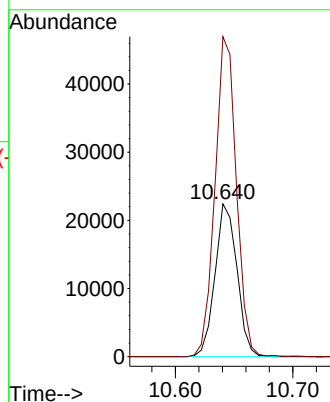
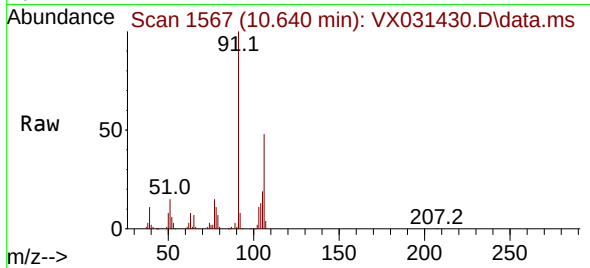
#69
o-Xylene
Concen: 19.412 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion:106 Resp: 2909
Ion Ratio Lower Upper
106 100
91 204.7 107.2 321.6

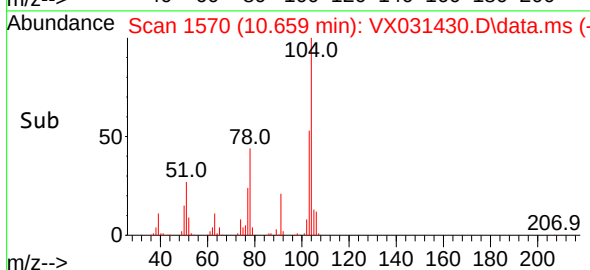
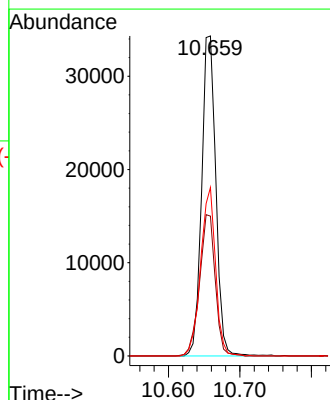
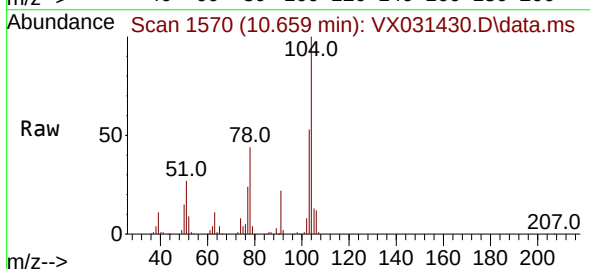
Manual Integrations
APPROVED

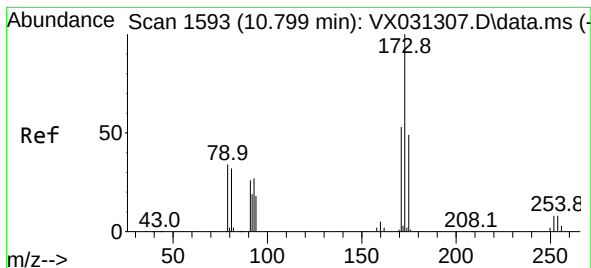
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#70
Styrene
Concen: 19.409 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion:104 Resp: 47301
Ion Ratio Lower Upper
104 100
78 48.6 41.4 62.2
103 55.2 43.8 65.8





#71

Bromoform

Concen: 17.713 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

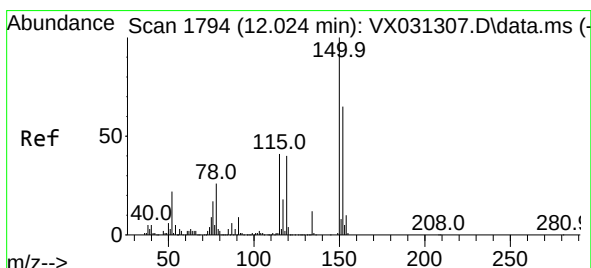
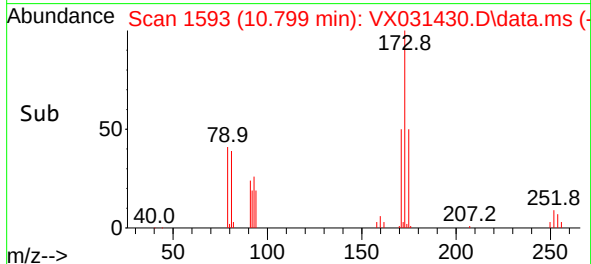
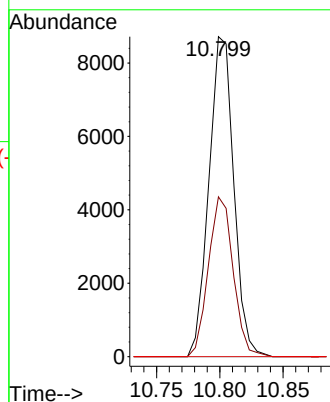
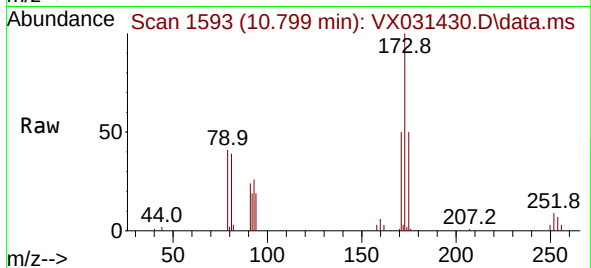
Tgt Ion:	173	Resp:	11920
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

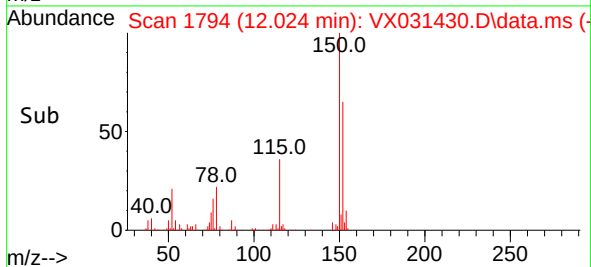
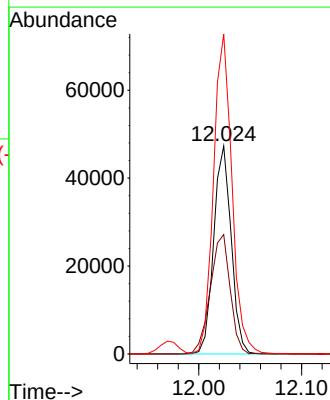
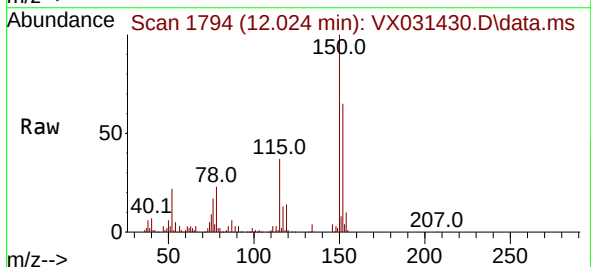
RT: 12.024 min Scan# 1794

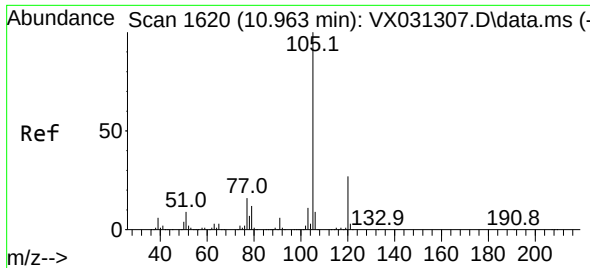
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:	152	Resp:	55774
Ion Ratio	Lower	Upper	
152	100		
115	65.2	43.4	130.1
150	162.2	0.0	346.8





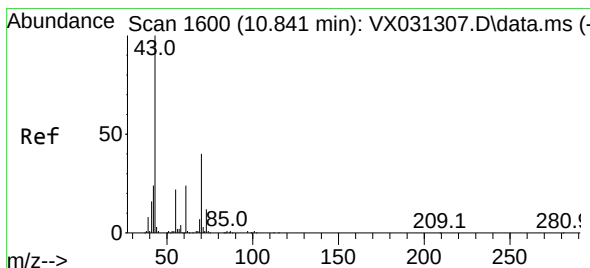
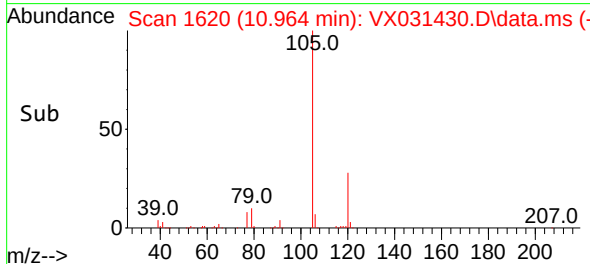
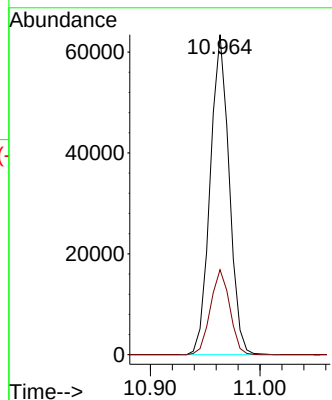
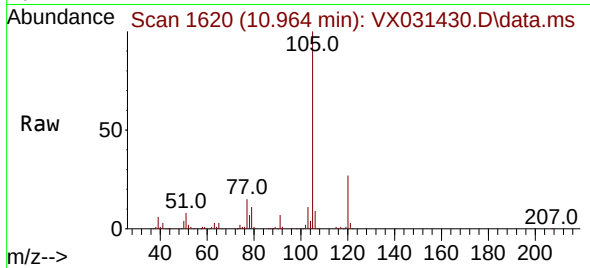
#73
Isopropylbenzene
Concen: 18.513 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion: 105 Resp: 76264
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

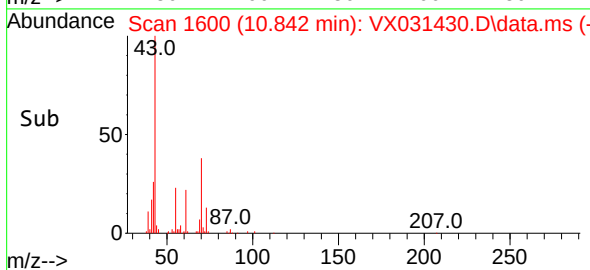
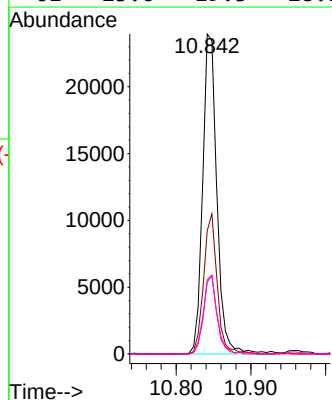
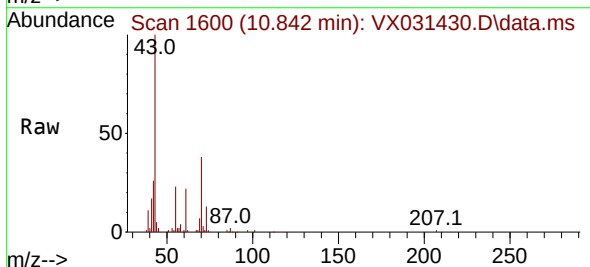
Manual Integrations
APPROVED

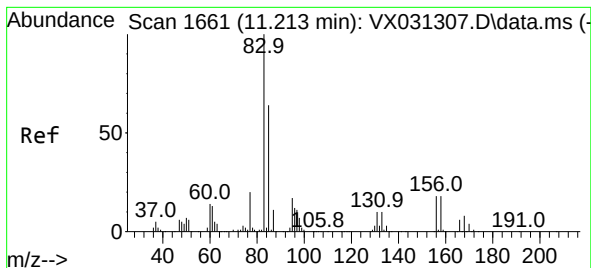
Reviewed By : John Carlone 09/17/2022
Supervised By : Mahesh Dadoda 09/19/2022



#74
N-ethyl acetate
Concen: 15.502 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

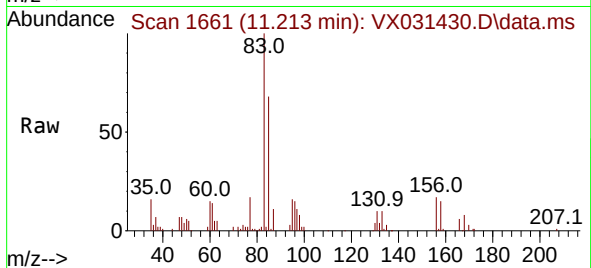
Tgt Ion: 43 Resp: 31747
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.2
55 23.3 18.2 27.2
61 23.6 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 17.776 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

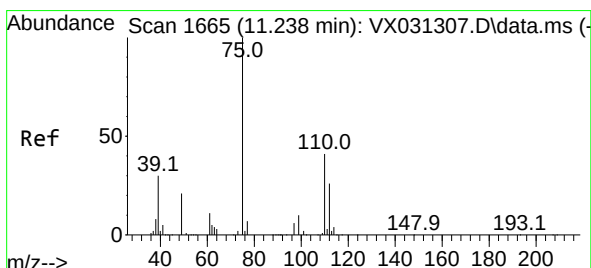
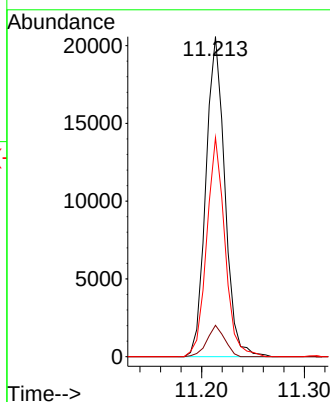
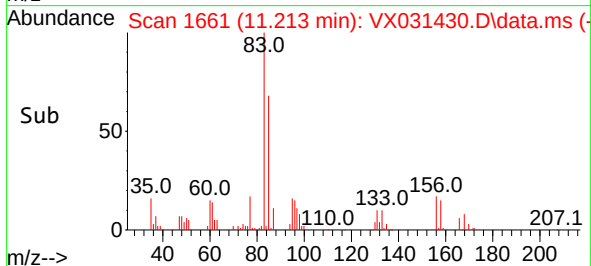
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



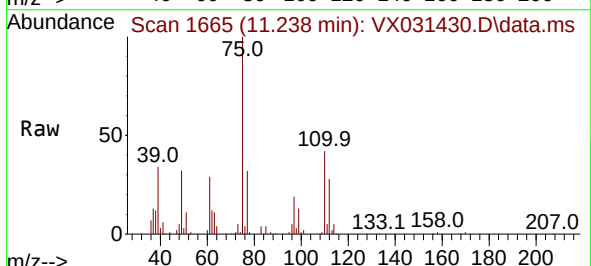
Tgt Ion: 83 Resp: 26310
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.4
85 66.0 32.6 97.8

Manual Integrations
APPROVED

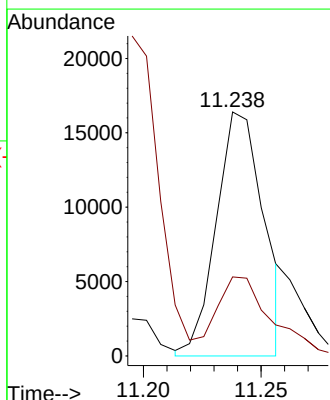
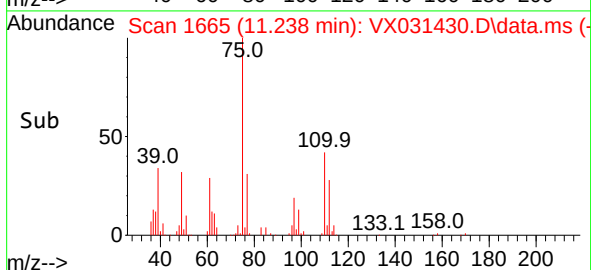
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

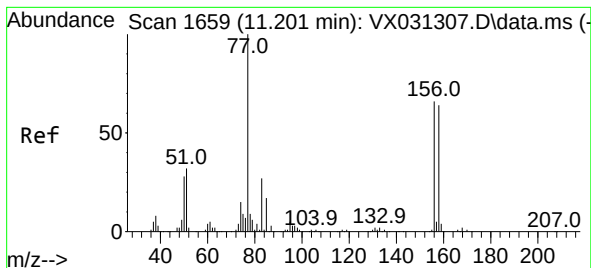


#76
1,2,3-Trichloropropane
Concen: 16.317 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



Tgt Ion: 75 Resp: 22934
Ion Ratio Lower Upper
75 100
77 38.3 20.3 60.9





#77

Bromobenzene

Concen: 19.813 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

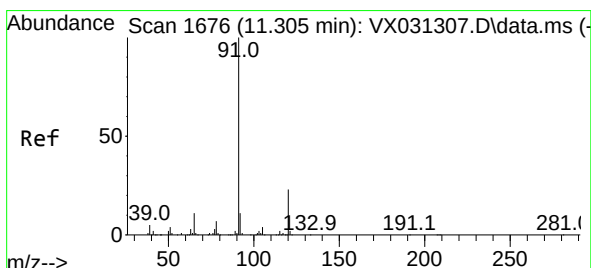
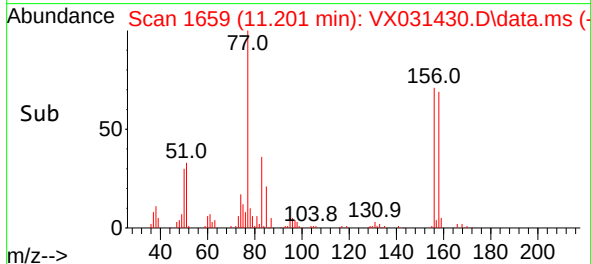
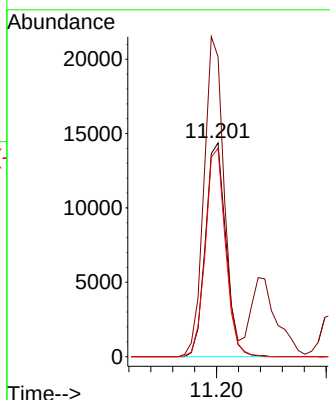
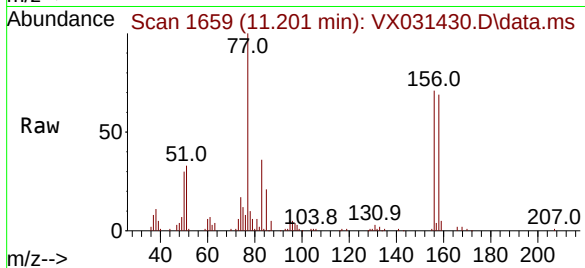
Tgt Ion:	156	Resp:	18610
Ion Ratio	Lower	Upper	
156	100		
77	145.8	79.5	238.6
158	96.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

n-propylbenzene

Concen: 17.884 ug/l

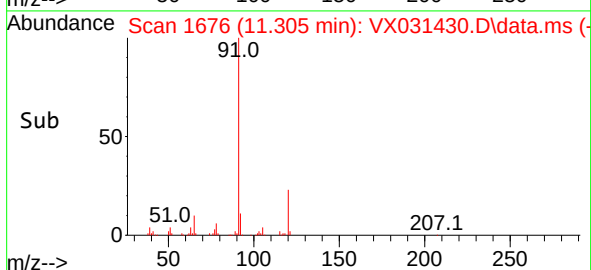
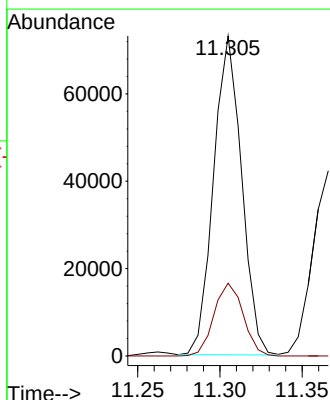
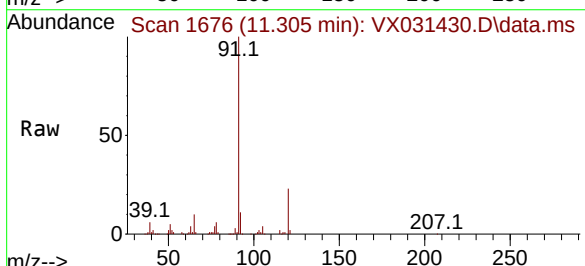
RT: 11.305 min Scan# 1676

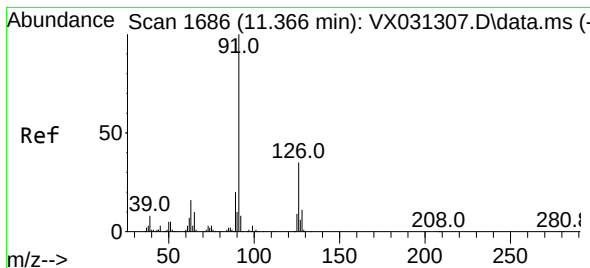
Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:	91	Resp:	86460
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





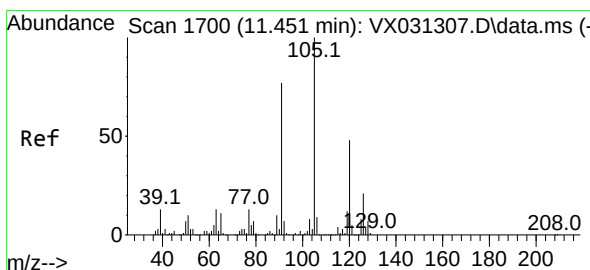
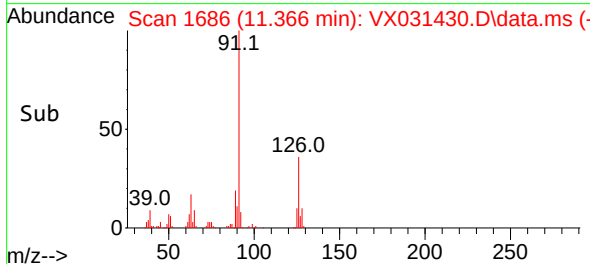
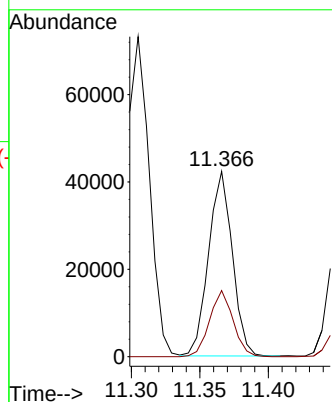
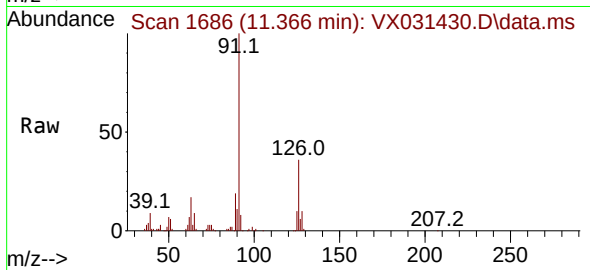
#79
2-Chlorotoluene
Concen: 17.239 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion: 91 Resp: 50990
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3

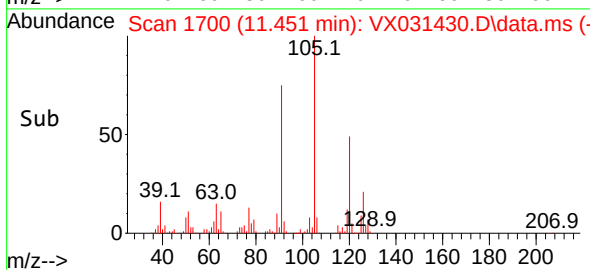
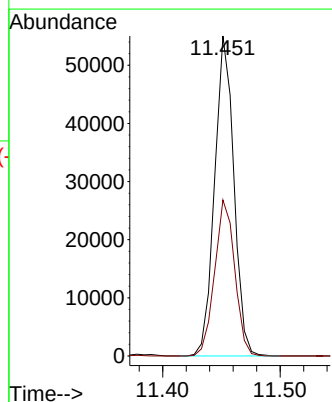
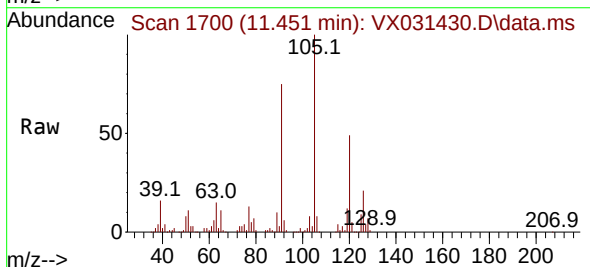
Manual Integrations
APPROVED

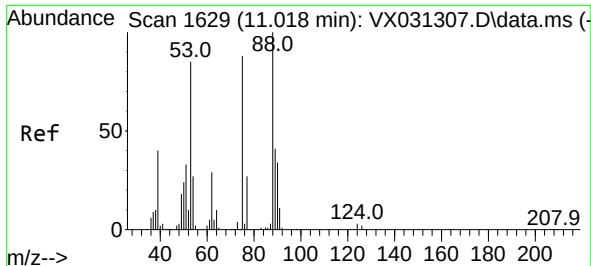
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.150 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

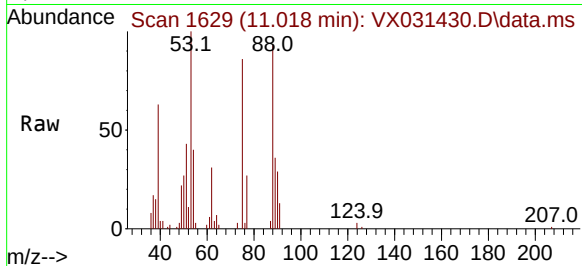
Tgt Ion:105 Resp: 62643
Ion Ratio Lower Upper
105 100
120 50.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 11.903 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

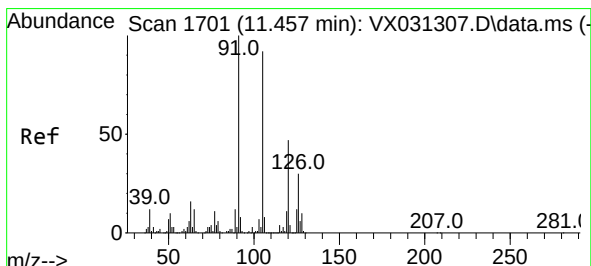
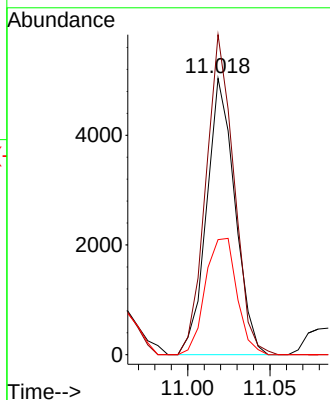
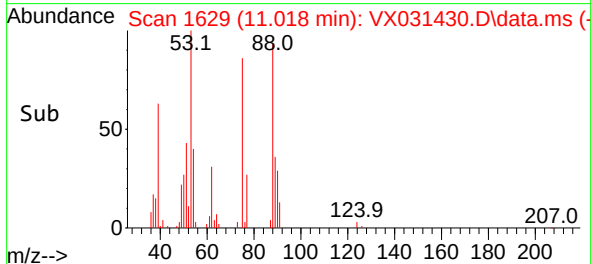
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 75 Resp: 6040
Ion Ratio Lower Upper
75 100
53 114.5 77.6 116.4
89 46.8 37.4 56.0

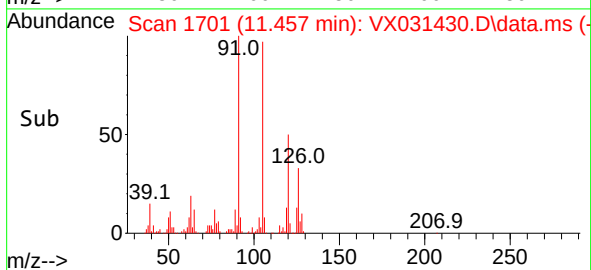
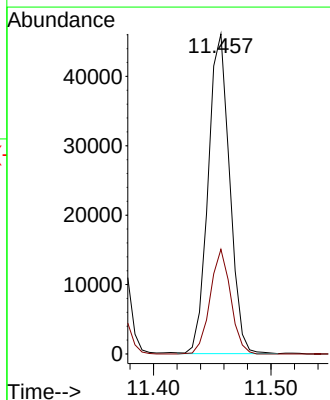
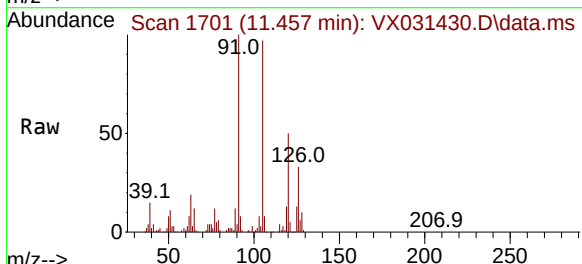
Manual Integrations
APPROVED

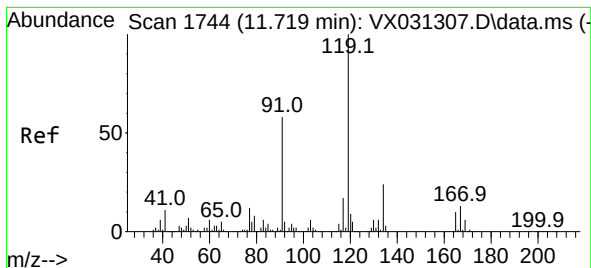
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#82
4-Chlorotoluene
Concen: 17.232 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion: 91 Resp: 58429
Ion Ratio Lower Upper
91 100
126 31.2 15.1 45.3





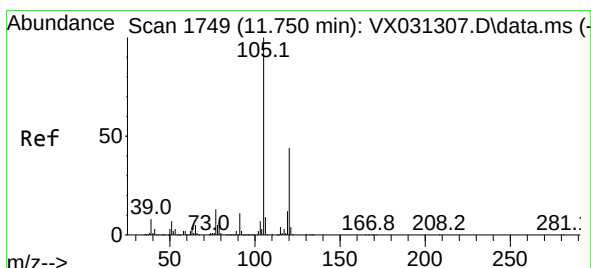
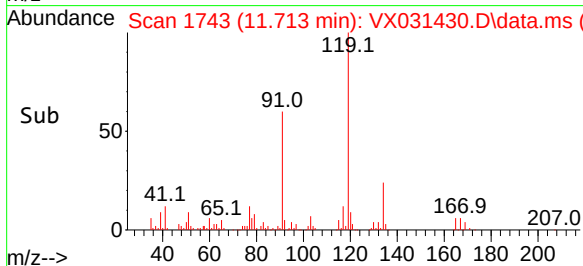
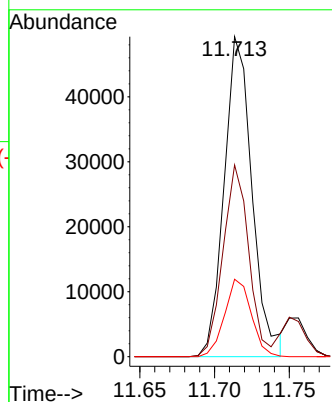
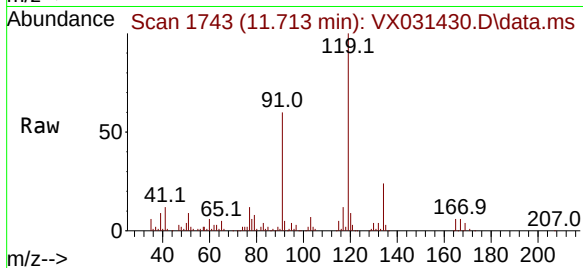
#83
tert-Butylbenzene
Concen: 18.513 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion:119 Resp: 6392
Ion Ratio Lower Upper
119 100
91 55.5 29.2 87.6
134 23.2 11.6 34.8

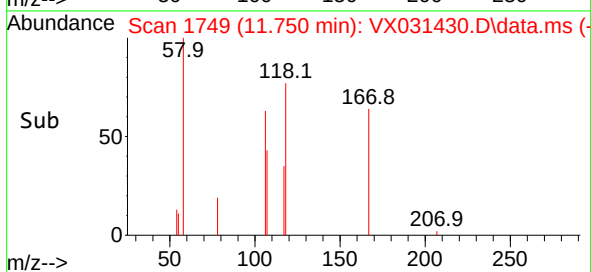
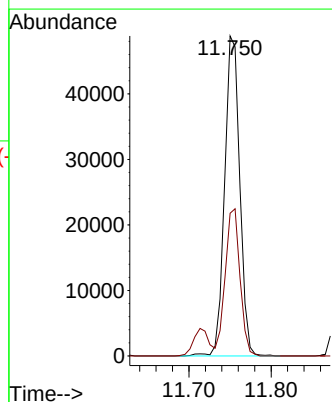
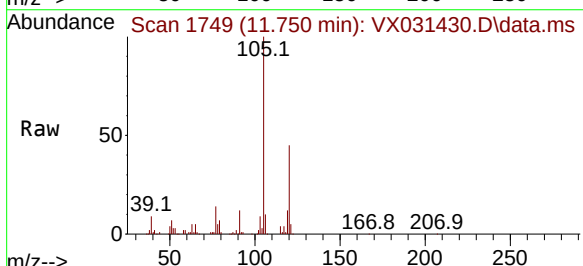
Manual Integrations
APPROVED

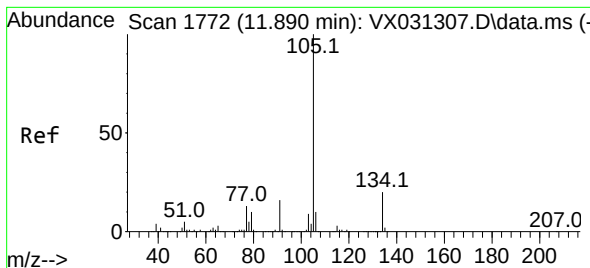
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 18.233 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Tgt Ion:105 Resp: 62545
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 18.103 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

Tgt Ion:105 Resp: 78270

Ion Ratio Lower Upper

105 100

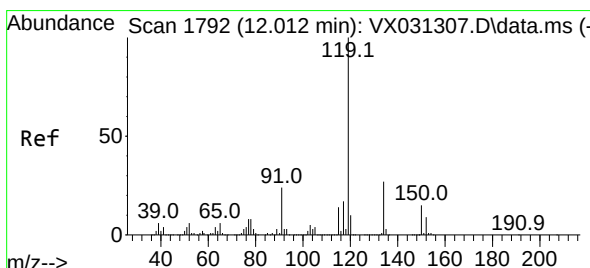
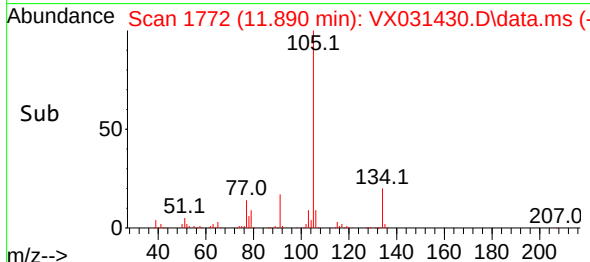
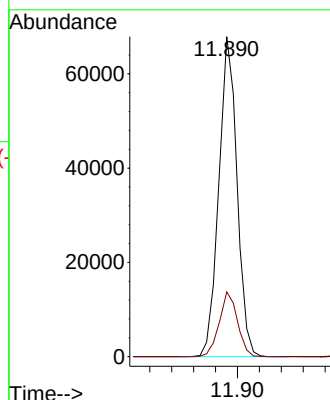
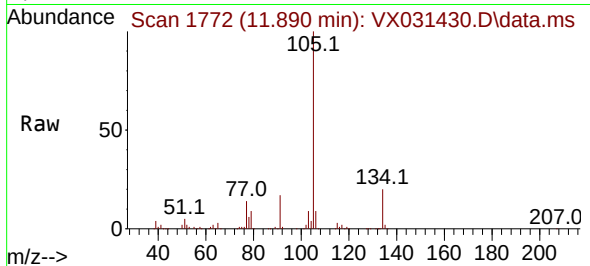
134 20.3 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#86

p-Isopropyltoluene

Concen: 18.298 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

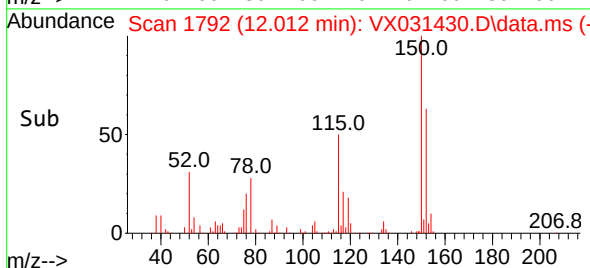
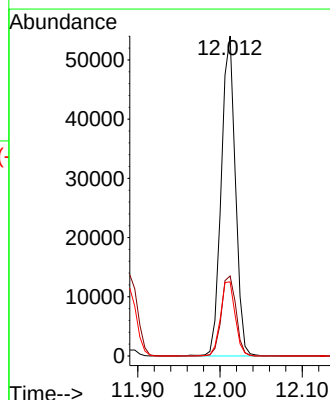
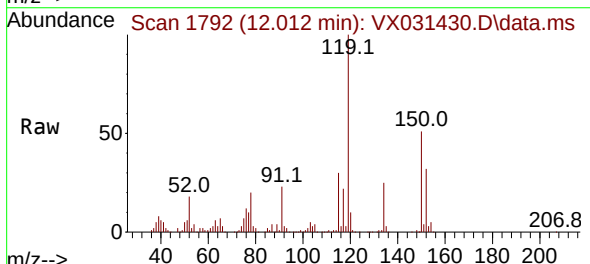
Tgt Ion:119 Resp: 64474

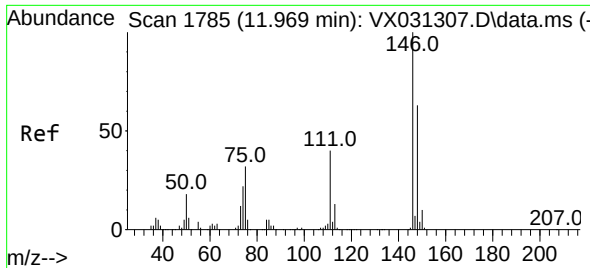
Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.2

91 24.1 12.4 37.2





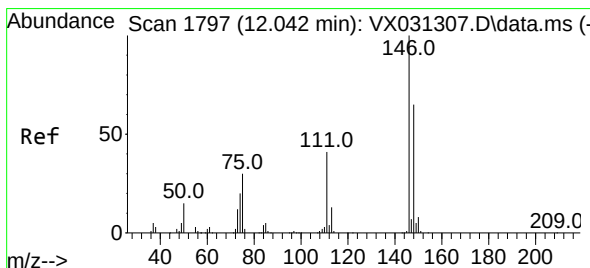
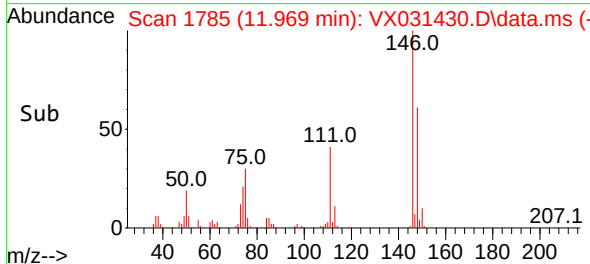
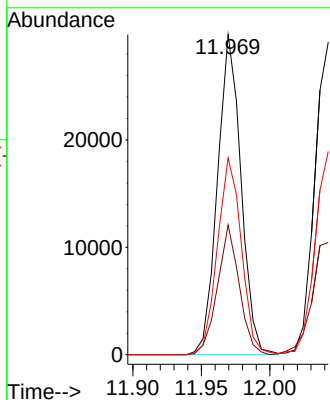
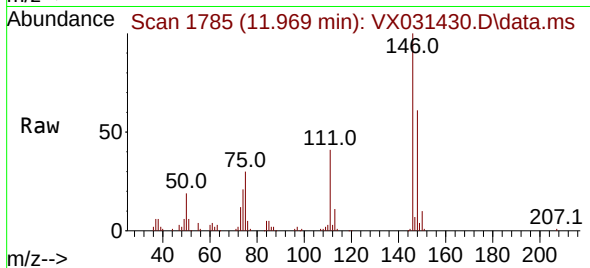
#87
1,3-Dichlorobenzene
Concen: 19.827 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04

Tgt Ion:146 Resp: 35500
Ion Ratio Lower Upper
146 100
111 37.6 19.8 59.4
148 62.7 31.5 94.5

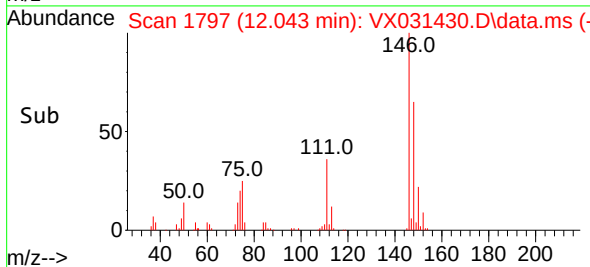
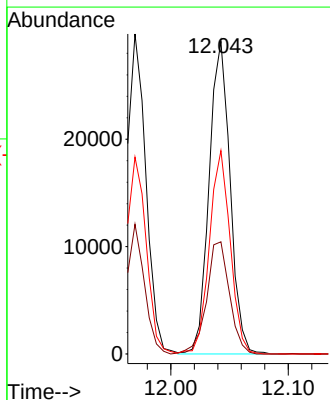
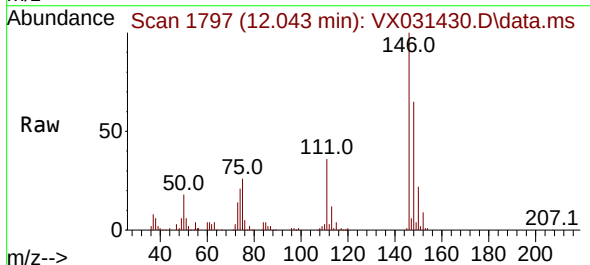
Manual Integrations
APPROVED

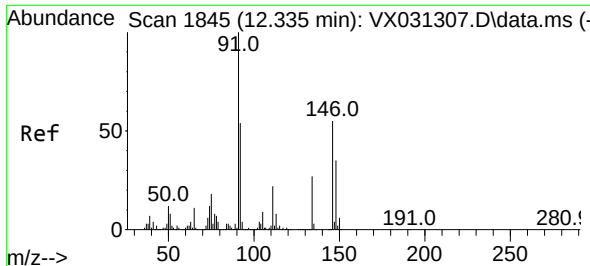
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#88
1,4-Dichlorobenzene
Concen: 19.659 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

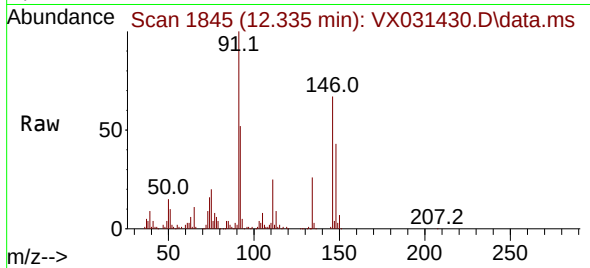
Tgt Ion:146 Resp: 36184
Ion Ratio Lower Upper
146 100
111 39.1 20.5 61.5
148 64.6 32.0 96.2





#89
n-Butylbenzene
Concen: 17.286 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

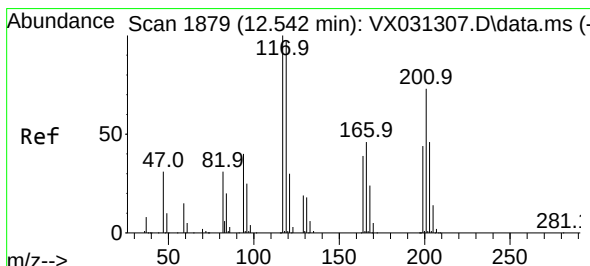
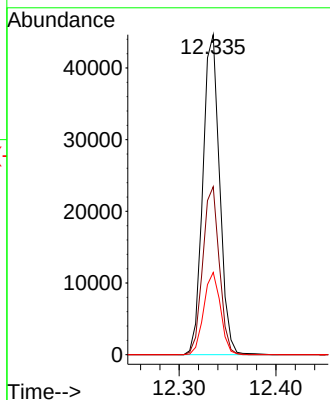
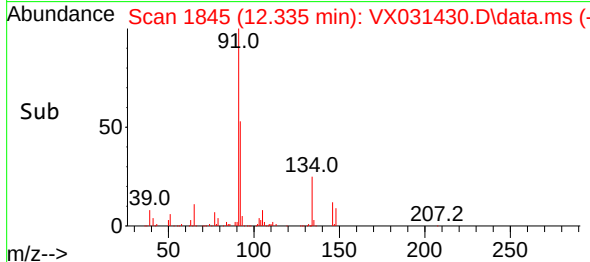
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



Tgt Ion: 91 Resp: 54010
Ion Ratio Lower Upper
91 100
92 51.8 27.0 81.0
134 25.6 13.3 39.9

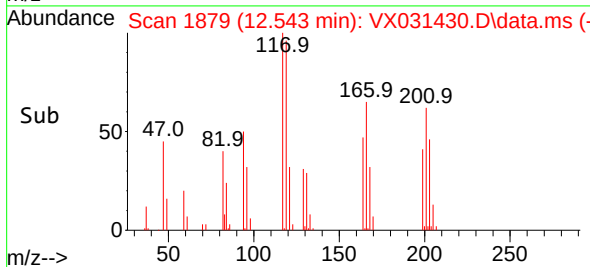
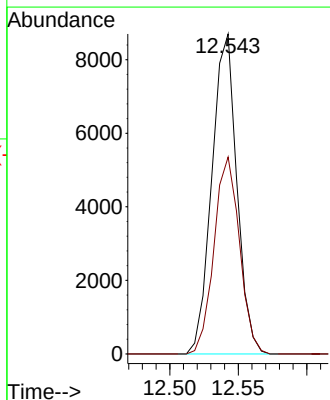
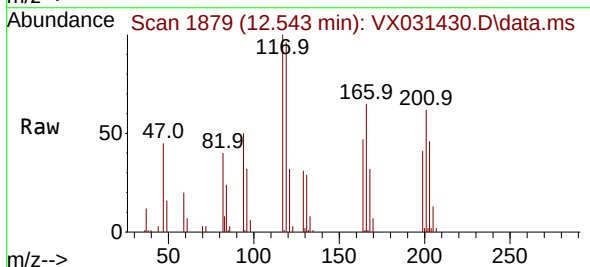
Manual Integrations
APPROVED

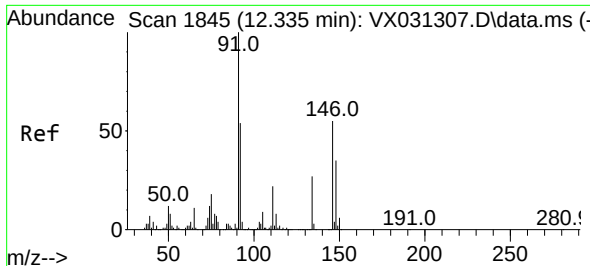
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#90
Hexachloroethane
Concen: 15.677 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

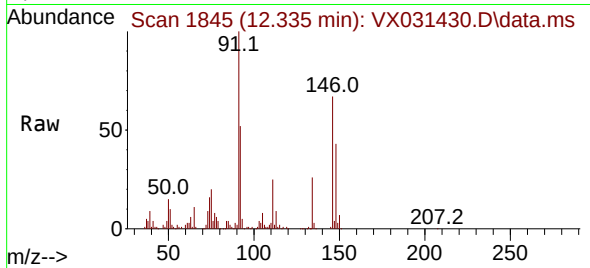
Tgt Ion:117 Resp: 11031
Ion Ratio Lower Upper
117 100
201 62.7 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 19.659 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

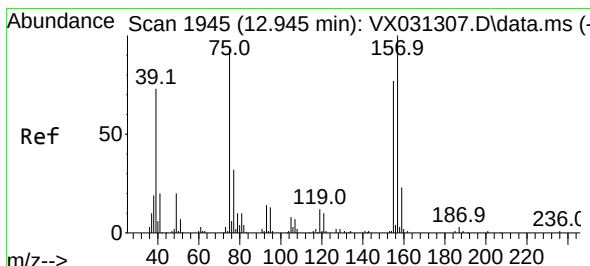
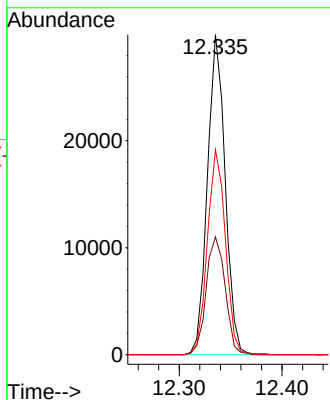
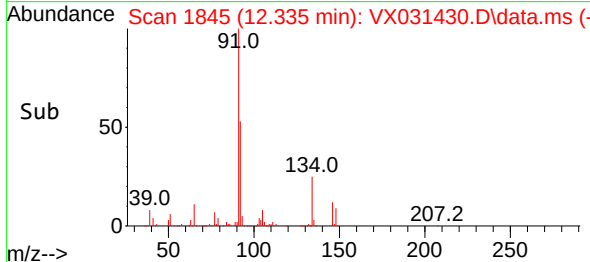
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



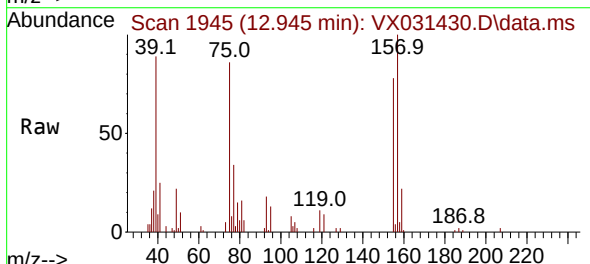
Tgt Ion:146 Resp: 3584
Ion Ratio Lower Upper
146 100
111 39.4 20.6 61.8
148 65.1 31.6 95.0

Manual Integrations
APPROVED

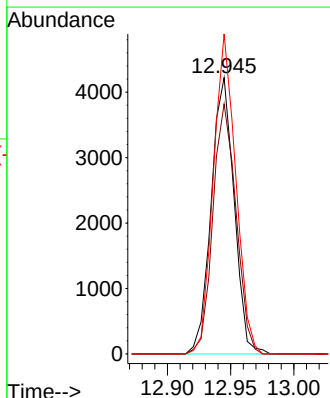
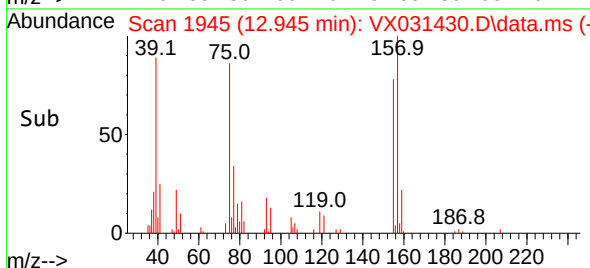
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

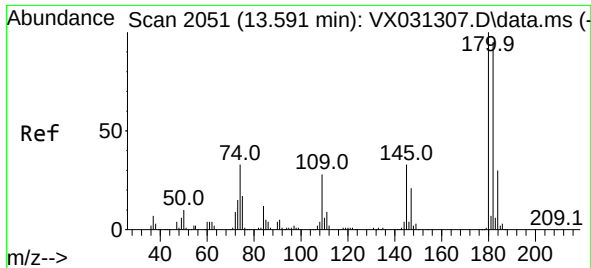


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.223 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



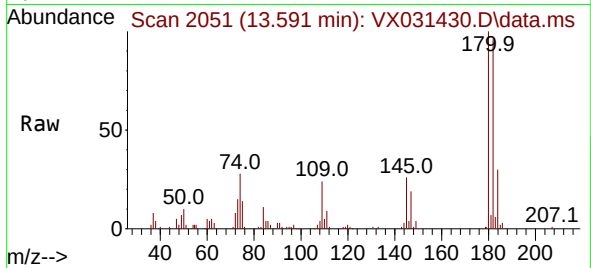
Tgt Ion: 75 Resp: 5310
Ion Ratio Lower Upper
75 100
155 91.4 40.3 120.8
157 113.2 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 21.303 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26

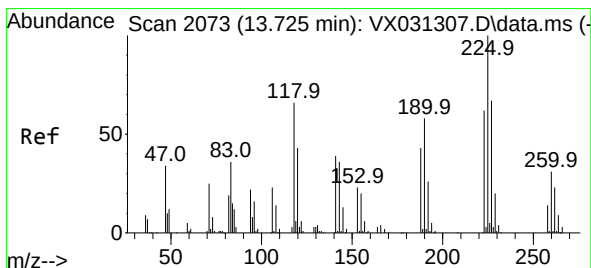
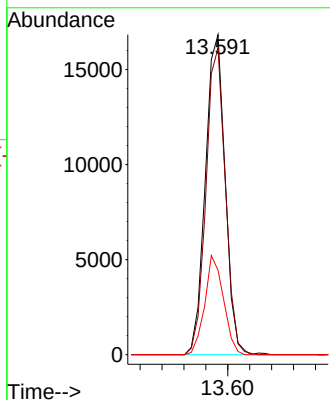
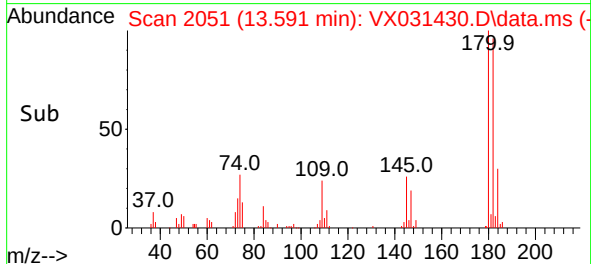
Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS04



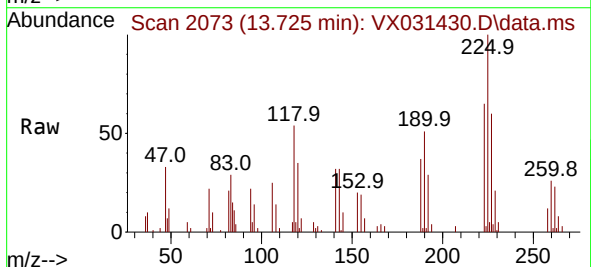
Tgt Ion:180 Resp: 2103
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 29.4 16.7 50.1

Manual Integrations
APPROVED

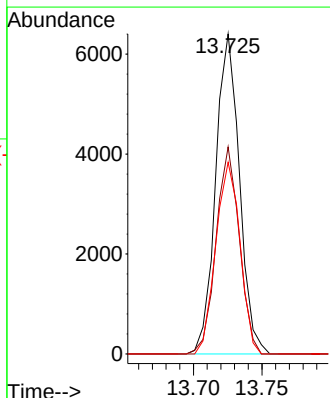
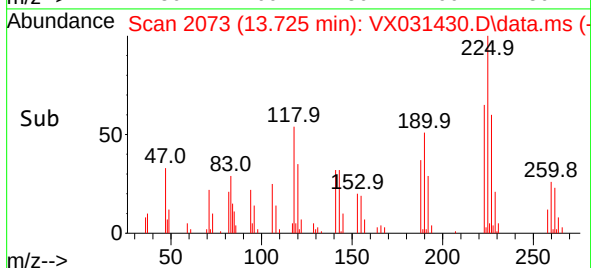
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

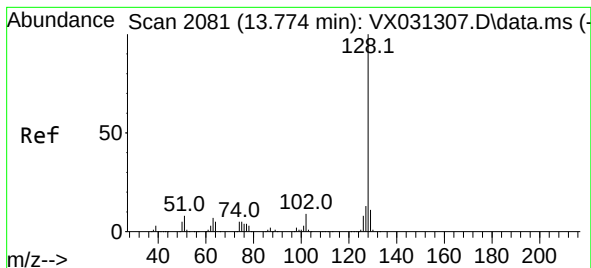


#94
Hexachlorobutadiene
Concen: 20.024 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031430.D
Acq: 16 Sep 2022 23:26



Tgt Ion:225 Resp: 7717
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.4
227 60.9 32.3 96.9





#95

Naphthalene

Concen: 18.956 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS04

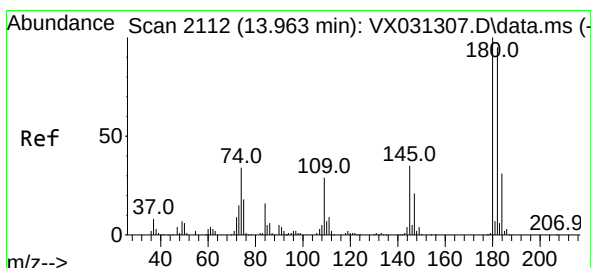
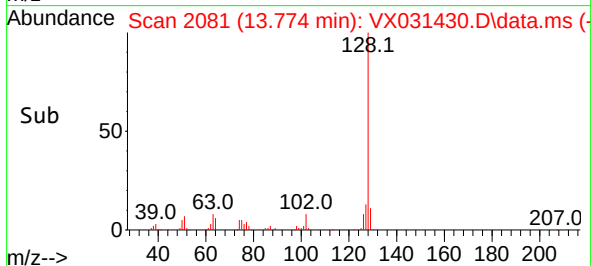
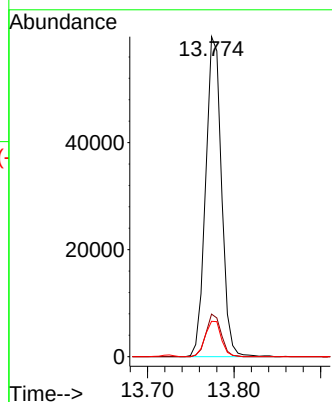
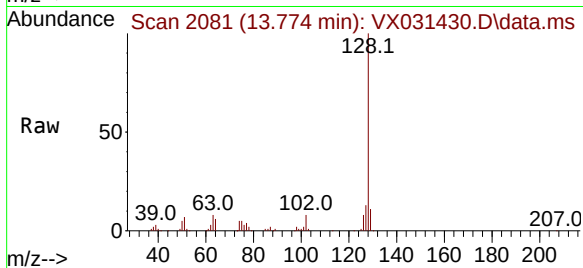
Tgt Ion:	128	Resp:	7603
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.852 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031430.D

Acq: 16 Sep 2022 23:26

Tgt Ion:	180	Resp:	20988
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.9	143.8
145	31.5	17.6	52.8

