

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031490.D
 Acq On : 20 Sep 2022 12:31
 Operator : JC/MD
 Sample : VX0920MBS01
 Misc : 5.0G/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2022
 Supervised By : Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 14:47:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	49904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	84492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48763	53.252	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.500%			
35) Dibromofluoromethane	5.385	113	40257	51.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.060%			
50) Toluene-d8	8.647	98	150021	49.802	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.600%			
62) 4-Bromofluorobenzene	11.079	95	50429	49.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	16004	22.305	ug/l	97
3) Chloromethane	1.288	50	18720	19.667	ug/l	100
4) Vinyl Chloride	1.374	62	21656	19.952	ug/l	99
5) Bromomethane	1.612	94	32535	21.052	ug/l	97
6) Chloroethane	1.685	64	22813	22.642	ug/l	98
7) Trichlorofluoromethane	1.886	101	43984	17.865	ug/l	98
8) Diethyl Ether	2.136	74	15014	17.707	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	15428	19.200	ug/l	93
10) Methyl Iodide	2.453	142	15662	20.146	ug/l	98
11) Tert butyl alcohol	2.983	59	20450	84.633	ug/l	100
12) 1,1-Dichloroethene	2.319	96	13988	18.008	ug/l	88
13) Acrolein	2.239	56	9542	88.566	ug/l	98
14) Allyl chloride	2.666	41	21506	16.978	ug/l	92
15) Acrylonitrile	3.069	53	45672	94.830	ug/l	98
16) Acetone	2.386	43	39558	101.155	ug/l	98
17) Carbon Disulfide	2.508	76	36599	17.487	ug/l	98
18) Methyl Acetate	2.703	43	24856	18.175	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	52584	18.718	ug/l	95
20) Methylene Chloride	2.788	84	17353	19.812	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	16375	18.668	ug/l	91
22) Diisopropyl ether	3.764	45	50019	18.234	ug/l	95
23) Vinyl Acetate	3.721	43	215508	91.866	ug/l	97
24) 1,1-Dichloroethane	3.605	63	28231	18.211	ug/l	95
25) 2-Butanone	4.562	43	65676	92.950	ug/l	97
26) 2,2-Dichloropropane	4.483	77	23059	16.840	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	19303	18.259	ug/l	88
28) Bromochloromethane	4.904	49	12499	20.183	ug/l	85
29) Tetrahydrofuran	5.013	42	42146	91.465	ug/l	96
30) Chloroform	5.093	83	31395	18.466	ug/l	99
31) Cyclohexane	5.471	56	23898	17.605	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	28151	18.230	ug/l	99
36) 1,1-Dichloropropene	5.696	75	21914	18.234	ug/l	98
37) Ethyl Acetate	4.721	43	26190	18.266	ug/l	98
38) Carbon Tetrachloride	5.678	117	24251	18.204	ug/l	98
39) Methylcyclohexane	7.379	83	26608	17.993	ug/l	93
40) Benzene	6.038	78	67637	18.864	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12564	17.600	ug/l	92
42) 1,2-Dichloroethane	6.092	62	25142	19.024	ug/l	100
43) Isopropyl Acetate	6.342	43	41416	18.794	ug/l	99
44) Trichloroethene	7.123	130	18717	18.411	ug/l	87
45) 1,2-Dichloropropane	7.434	63	16976	18.835	ug/l	95
46) Dibromomethane	7.580	93	12989	18.722	ug/l	92
47) Bromodichloromethane	7.824	83	24036	18.427	ug/l	98
48) Methyl methacrylate	7.696	41	18227	18.105	ug/l	90
49) 1,4-Dioxane	7.690	88	9449	410.979	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	135095	95.313	ug/l	99
52) Toluene	8.720	92	43675	18.677	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	24324	18.021	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	26423	17.899	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	17700	18.370	ug/l	95
56) Ethyl methacrylate	9.116	69	25866	18.874	ug/l	94
57) 1,3-Dichloropropane	9.311	76	30127	19.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	54153	95.459	ug/l	97
59) 2-Hexanone	9.433	43	102853	96.622	ug/l	99
60) Dibromochloromethane	9.525	129	18494	18.075	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19444	18.732	ug/l	95
64) Tetrachloroethene	9.275	164	18885	18.609	ug/l	93
65) Chlorobenzene	10.080	112	48309	18.541	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	18180	19.339	ug/l	98
67) Ethyl Benzene	10.195	91	84103	18.282	ug/l	99
68) m/p-Xylenes	10.305	106	67318	36.412	ug/l	96
69) o-Xylene	10.640	106	32337	18.325	ug/l	97
70) Styrene	10.659	104	52105	17.934	ug/l	98
71) Bromoform	10.799	173	13330	17.722	ug/l #	96
73) Isopropylbenzene	10.964	105	84055	18.769	ug/l	99
74) N-amyl acetate	10.842	43	34551	19.035	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30219	22.753	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	25862m	19.322	ug/l	
77) Bromobenzene	11.201	156	20786	18.832	ug/l	92
78) n-propylbenzene	11.305	91	98331	19.085	ug/l	100
79) 2-Chlorotoluene	11.366	91	57409	18.720	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	70454	18.538	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7294	17.547	ug/l	89
82) 4-Chlorotoluene	11.457	91	66339	18.433	ug/l	98
83) tert-Butylbenzene	11.713	119	70587	19.163	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	69709	18.624	ug/l	99
85) sec-Butylbenzene	11.890	105	87996	18.876	ug/l	100
86) p-Isopropyltoluene	12.012	119	74243	18.860	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40326	19.062	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	41499	18.807	ug/l	97
89) n-Butylbenzene	12.335	91	62111	18.523	ug/l	98
90) Hexachloroethane	12.543	117	12103	17.893	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	39538	18.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5804	18.861	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	23186	19.752	ug/l	98
94) Hexachlorobutadiene	13.725	225	8978	19.426	ug/l	98
95) Naphthalene	13.774	128	83602	19.446	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23990	19.828	ug/l	96

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

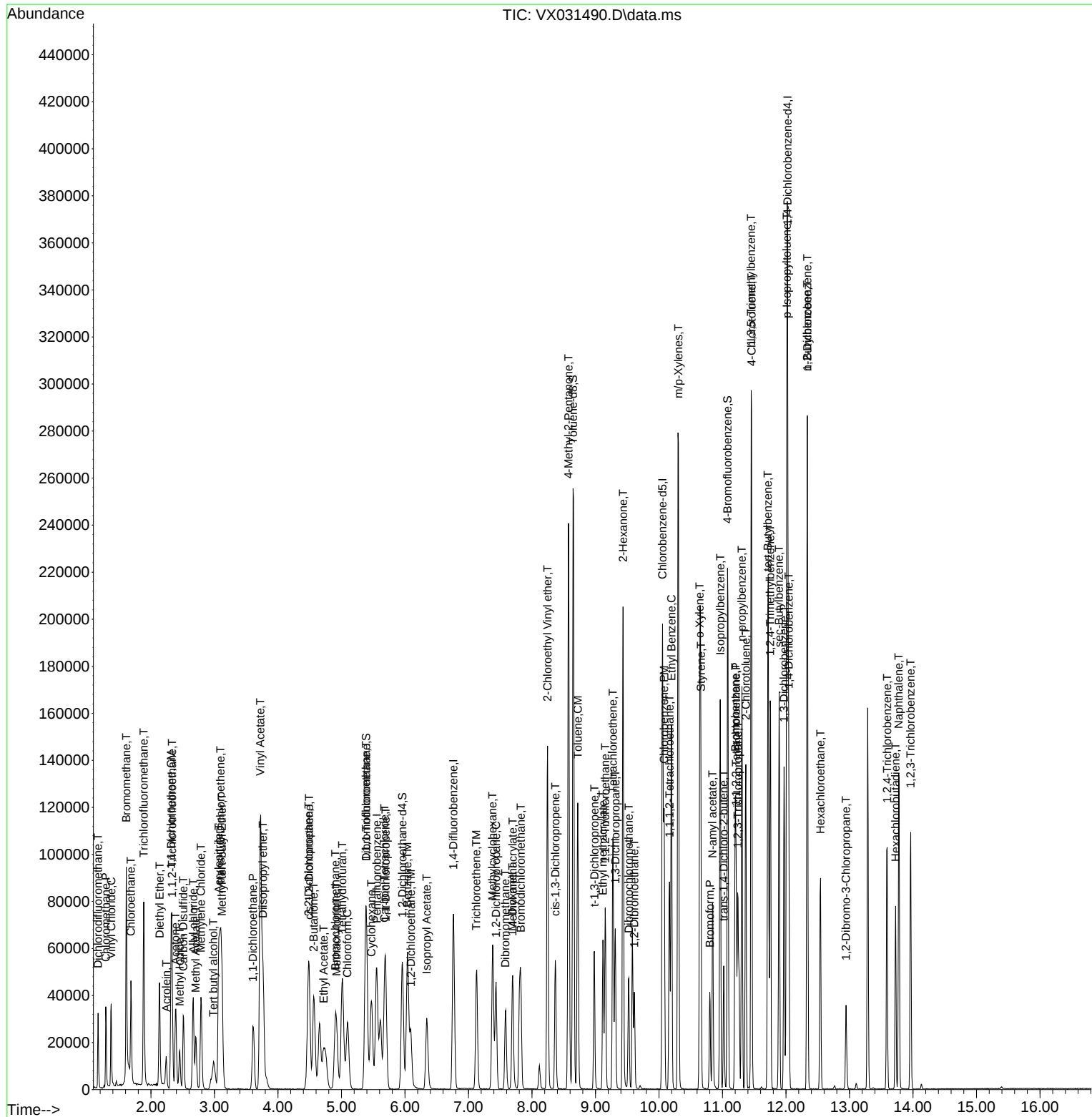
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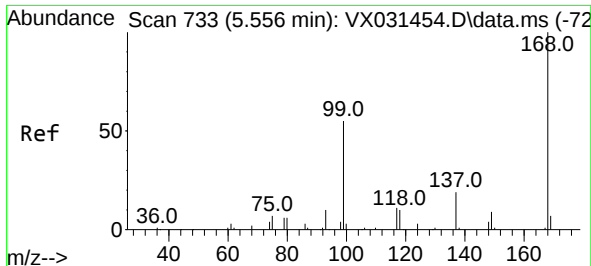
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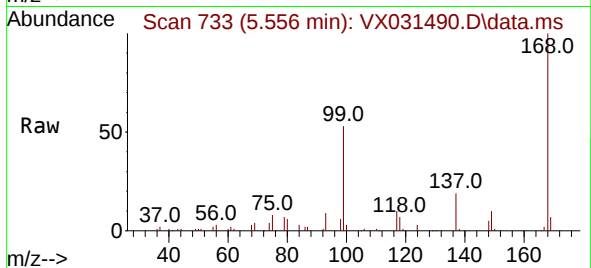
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031490.D
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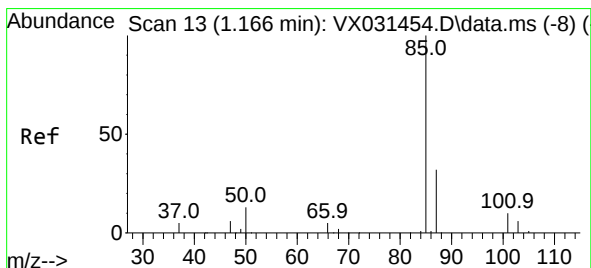
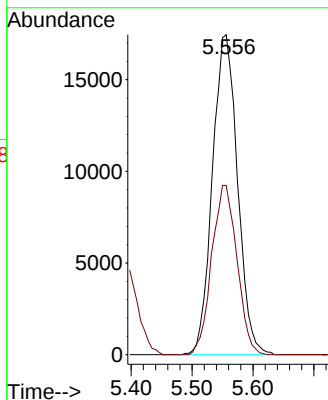
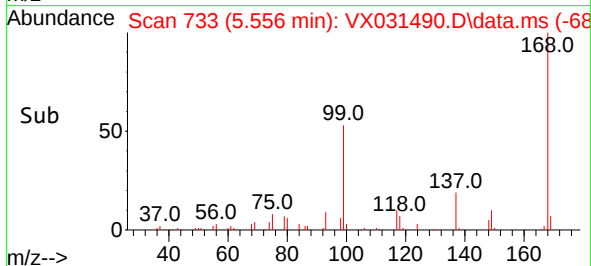
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion:168 Resp: 49904
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2

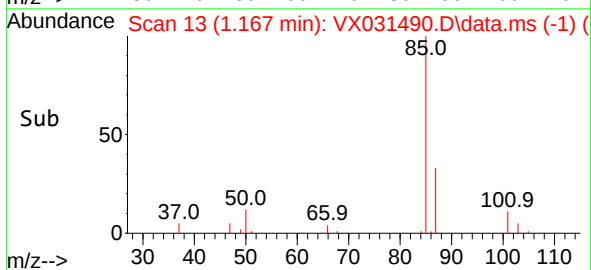
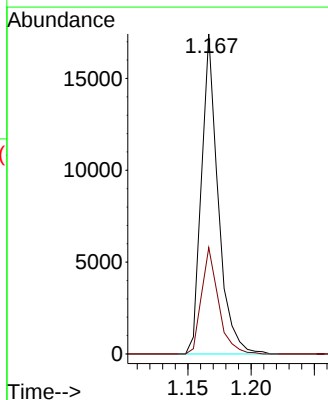
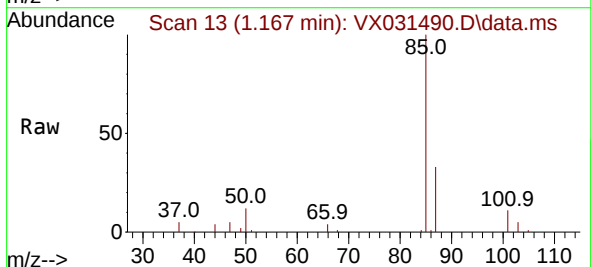
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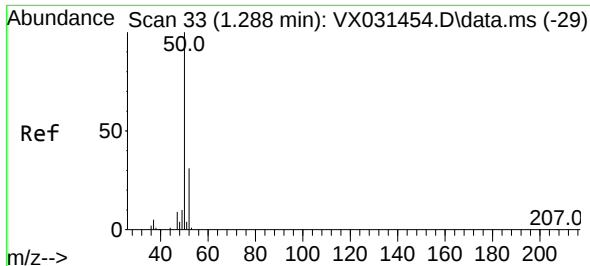
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#2
Dichlorodifluoromethane
Concen: 22.305 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

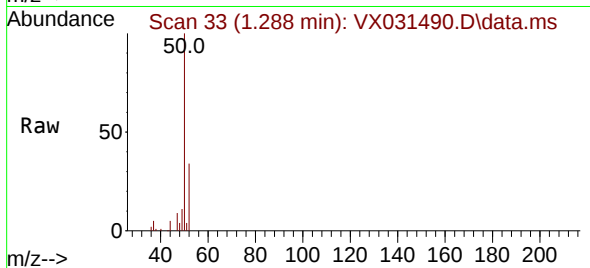
Tgt Ion: 85 Resp: 16004
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





#3
Chloromethane
Concen: 19.667 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

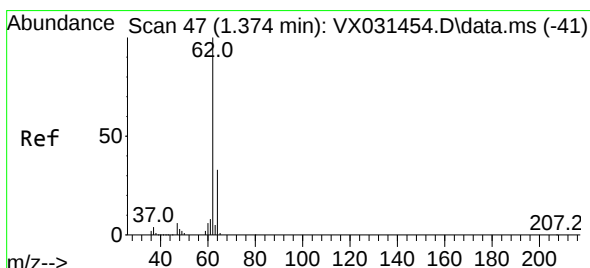
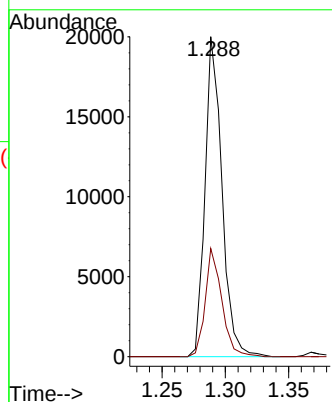
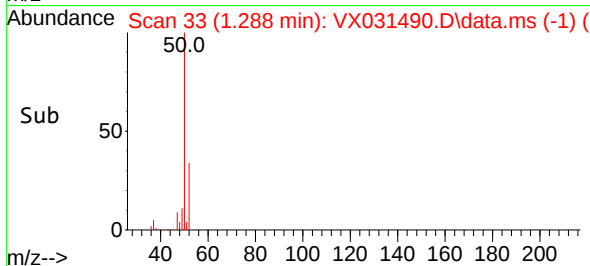
Instrument :
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Tgt Ion: 50 Resp: 18720
Ion Ratio Lower Upper
50 100
52 33.8 26.9 40.3

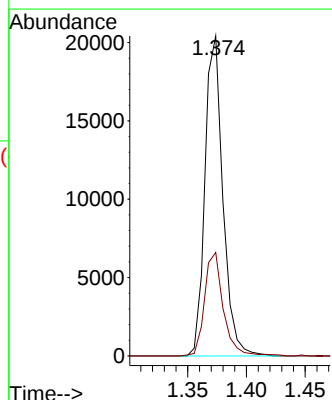
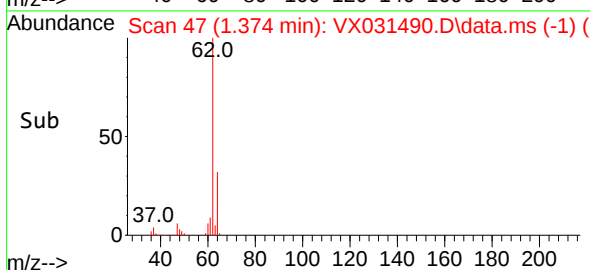
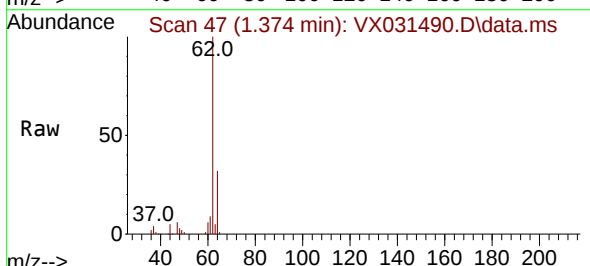
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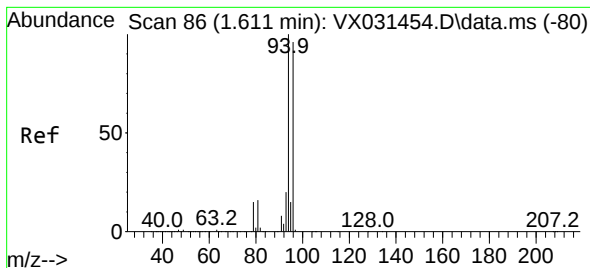
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#4
Vinyl Chloride
Concen: 19.952 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

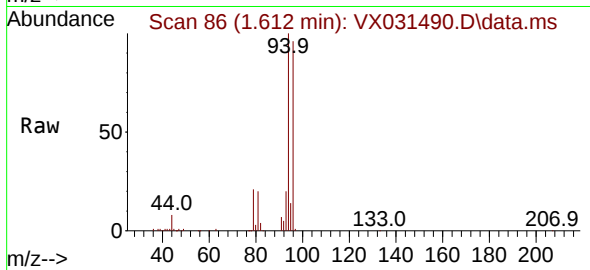
Tgt Ion: 62 Resp: 21656
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9





#5
Bromomethane
Concen: 21.052 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

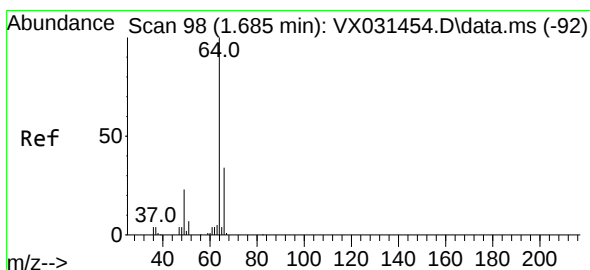
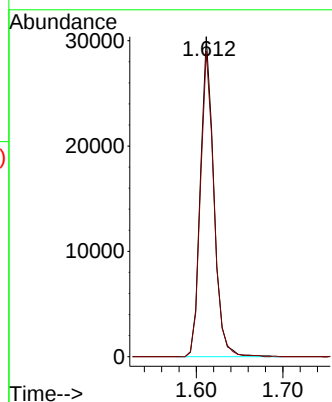
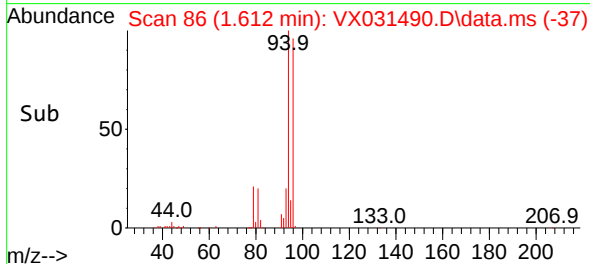
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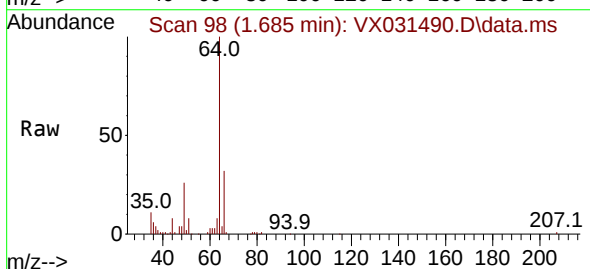
Tgt Ion: 94 Resp: 3253
Ion Ratio Lower Upper
94 100
96 95.5 74.4 111.6

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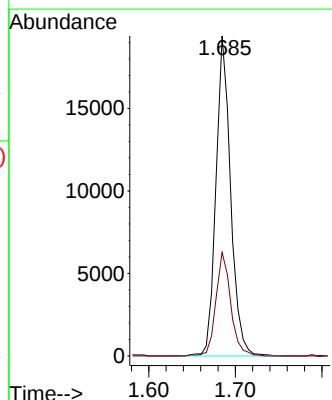
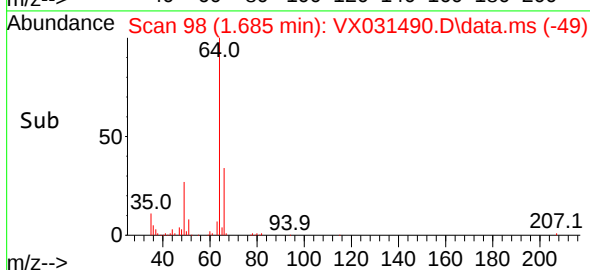
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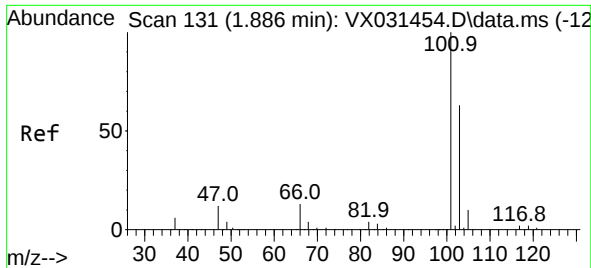


#6
Chloroethane
Concen: 22.642 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



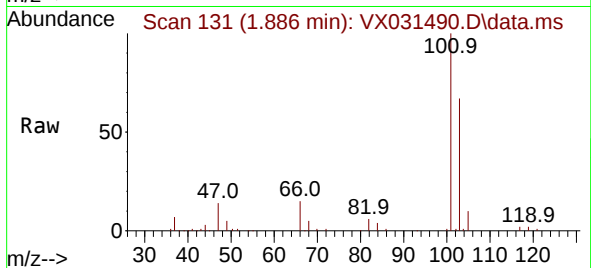
Tgt Ion: 64 Resp: 22813
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 17.865 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31

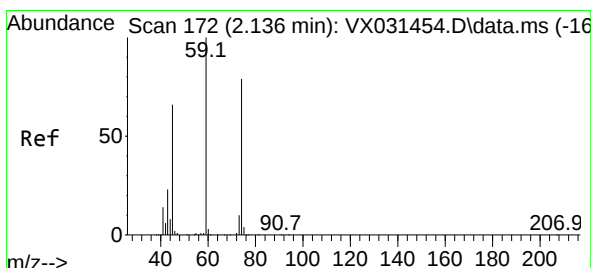
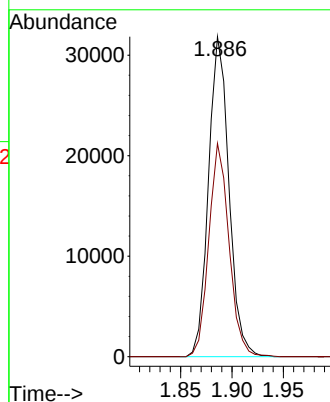
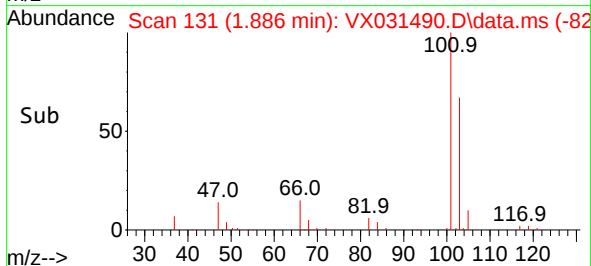
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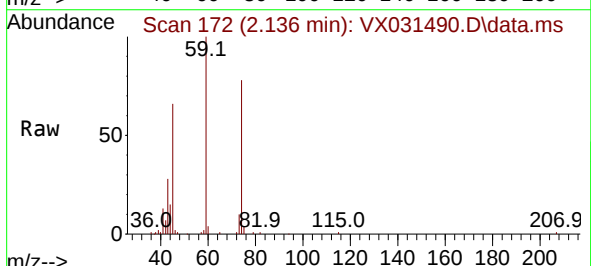
Tgt Ion:101 Resp: 43984
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.8 77.6

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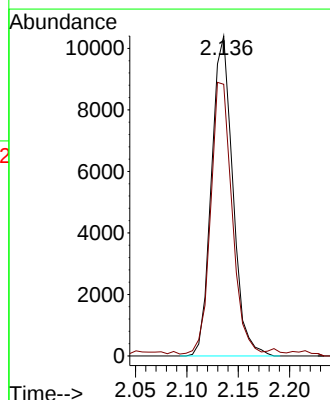
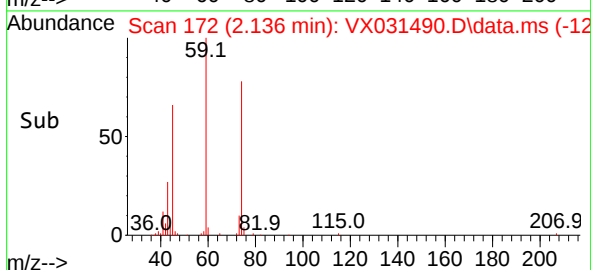
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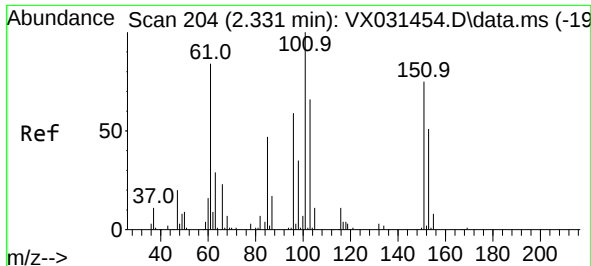


#8
 Diethyl Ether
 Concen: 17.707 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31



Tgt Ion: 74 Resp: 15014
 Ion Ratio Lower Upper
 74 100
 45 85.2 48.5 145.6





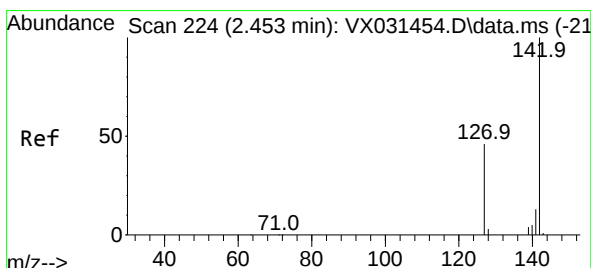
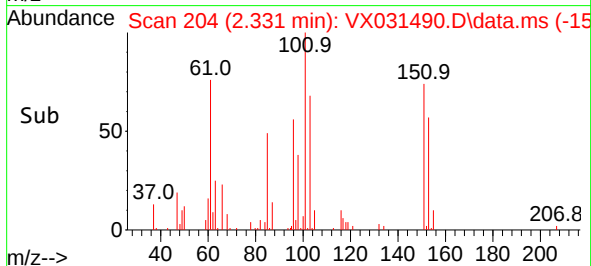
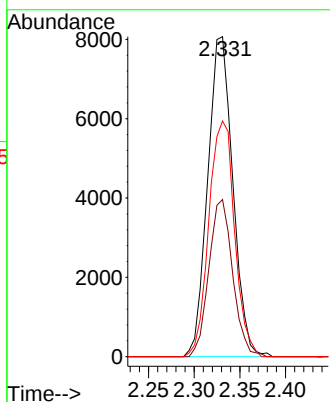
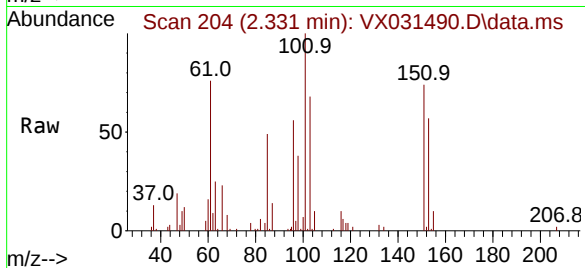
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.200 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion:101 Resp: 15428
Ion Ratio Lower Upper
101 100
85 46.4 38.6 57.8
151 75.4 54.0 81.0

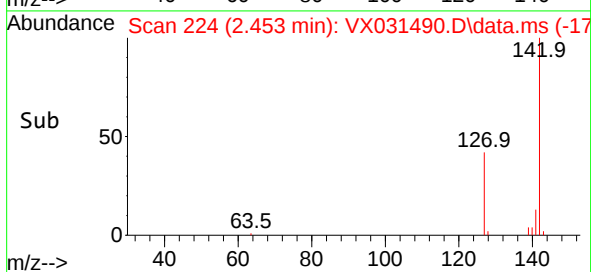
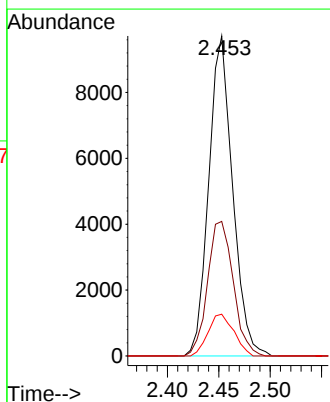
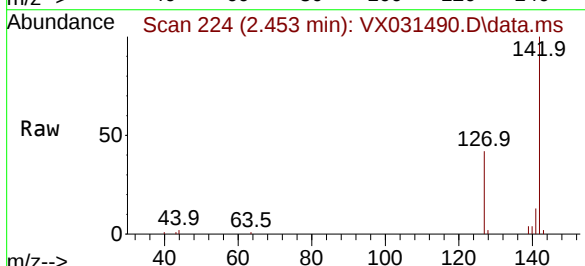
Manual Integrations
APPROVED

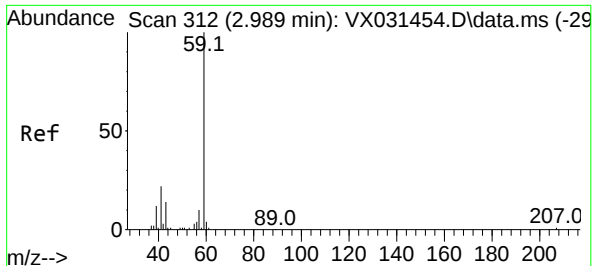
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#10
Methyl Iodide
Concen: 20.146 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

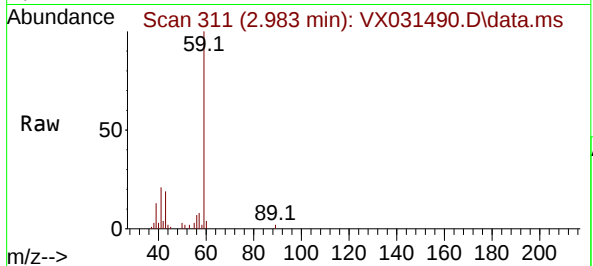
Tgt Ion:142 Resp: 15662
Ion Ratio Lower Upper
142 100
127 45.2 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 84.633 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

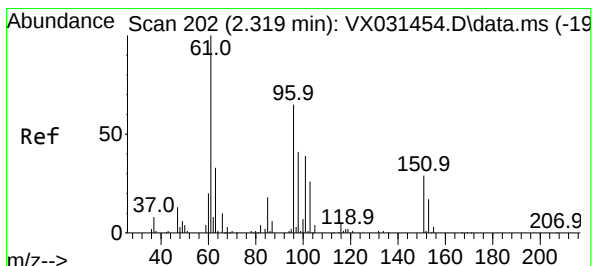
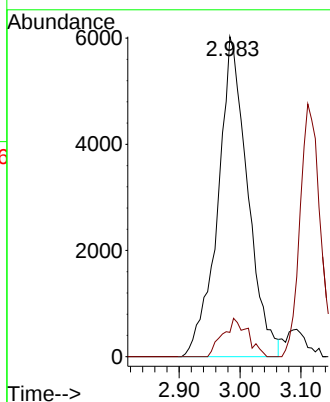
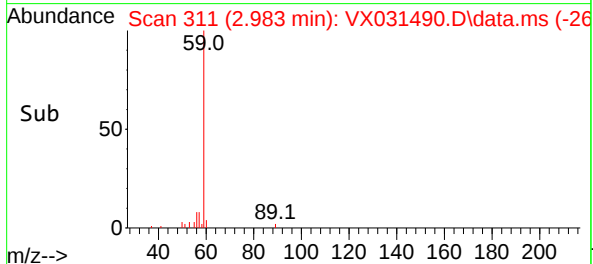
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 59 Resp: 20450
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

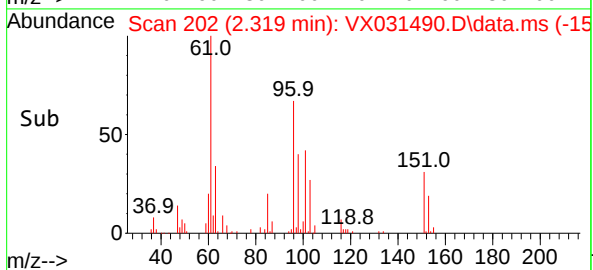
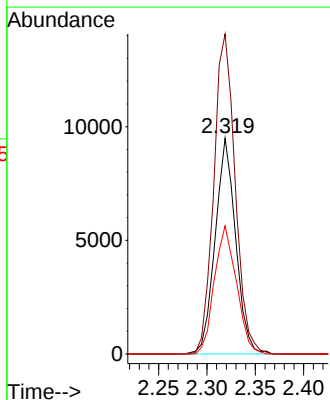
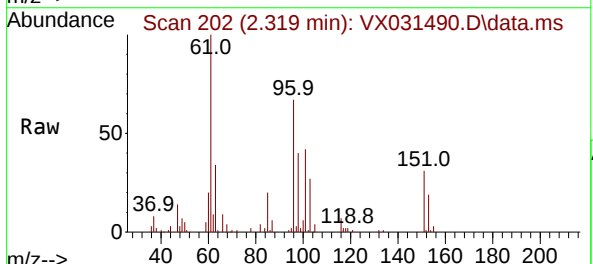
Manual Integrations
APPROVED

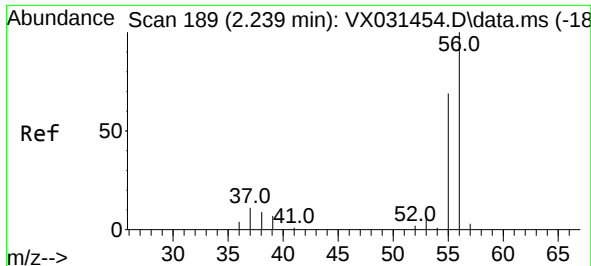
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#12
1,1-Dichloroethene
Concen: 18.008 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion: 96 Resp: 13988
Ion Ratio Lower Upper
96 100
61 148.4 135.3 202.9
98 59.4 49.4 74.2





#13

Acrolein

Concen: 88.566 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 56 Resp: 954

Ion Ratio Lower Upper

56 100

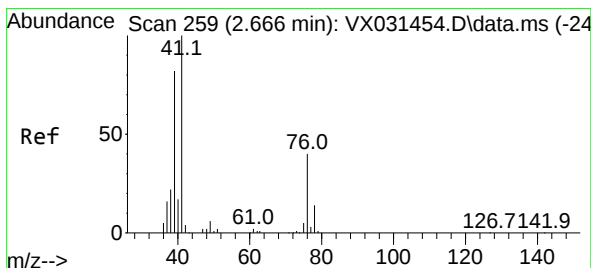
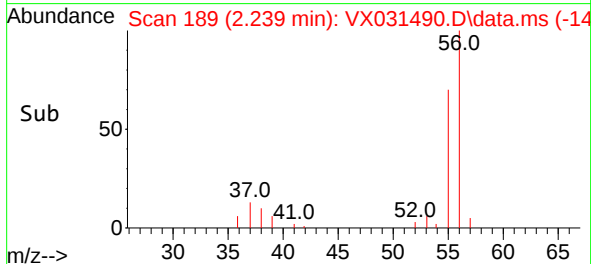
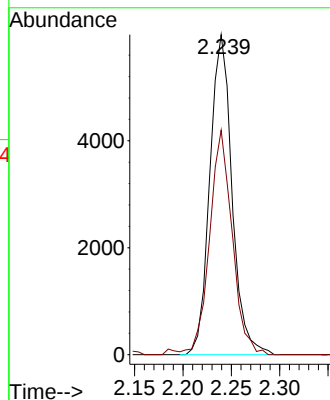
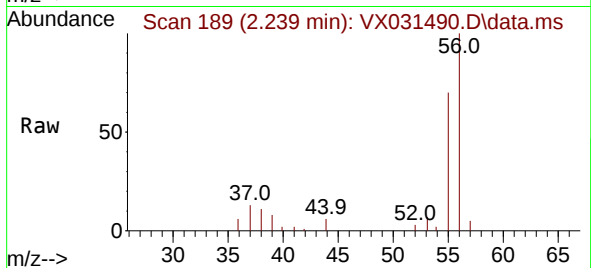
55 71.3 56.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#14

Allyl chloride

Concen: 16.978 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

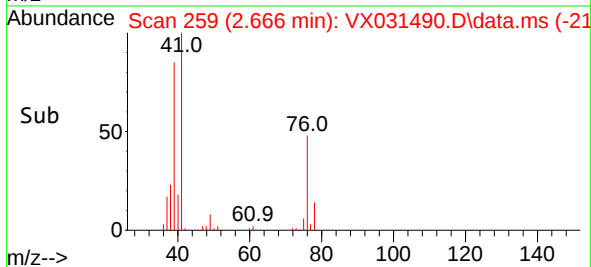
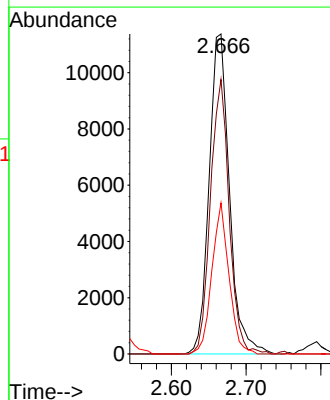
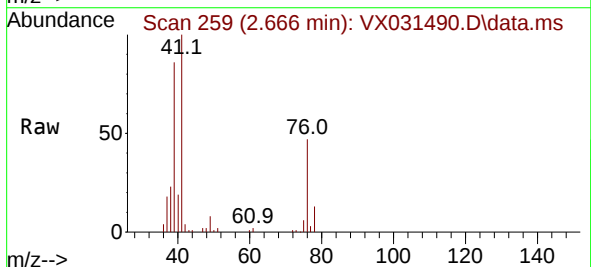
Tgt Ion: 41 Resp: 21506

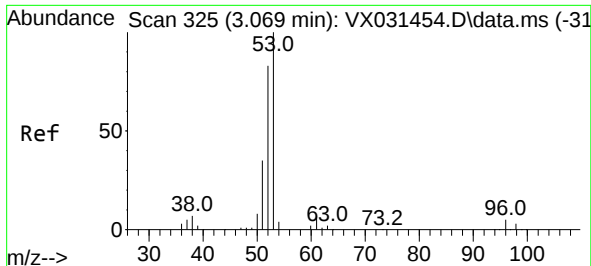
Ion Ratio Lower Upper

41 100

39 78.9 58.2 87.4

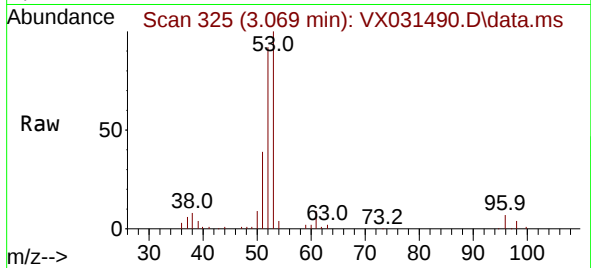
76 39.7 26.9 40.3





#15
Acrylonitrile
Concen: 94.830 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

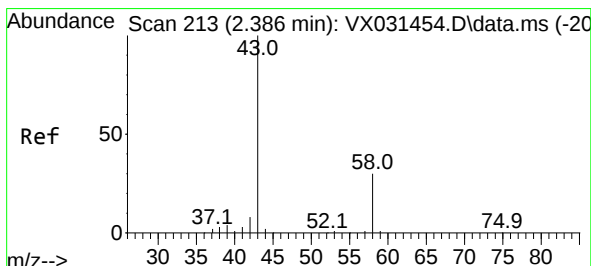
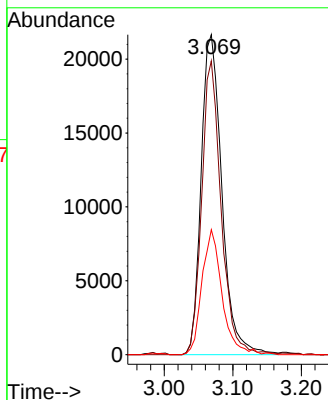
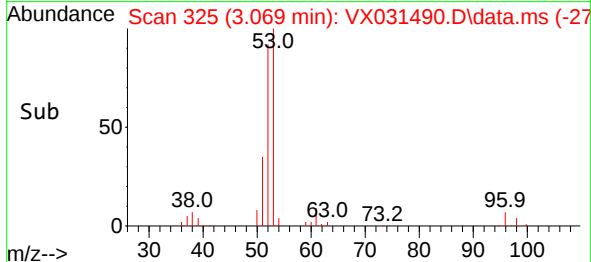
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



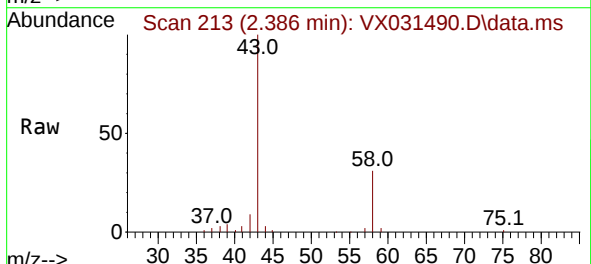
Tgt Ion: 53 Resp: 45672
Ion Ratio Lower Upper
53 100
52 85.9 66.9 100.3
51 38.0 30.0 45.0

Manual Integrations
APPROVED

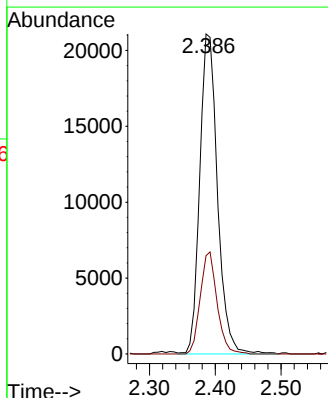
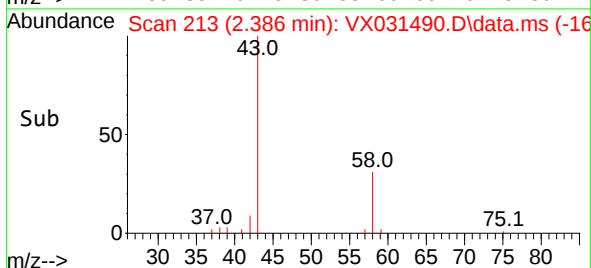
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

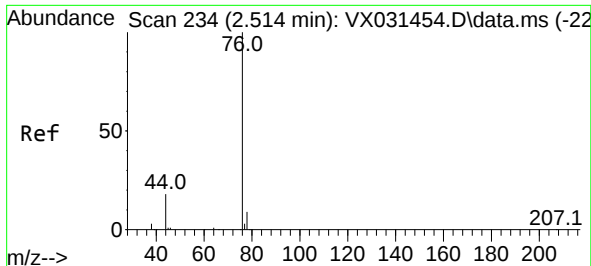


#16
Acetone
Concen: 101.155 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



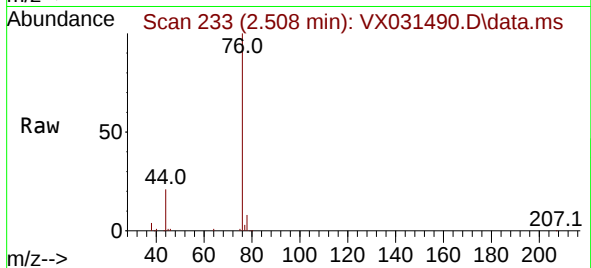
Tgt Ion: 43 Resp: 39558
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8





#17
Carbon Disulfide
Concen: 17.487 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

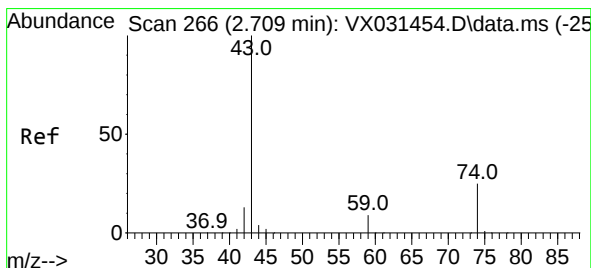
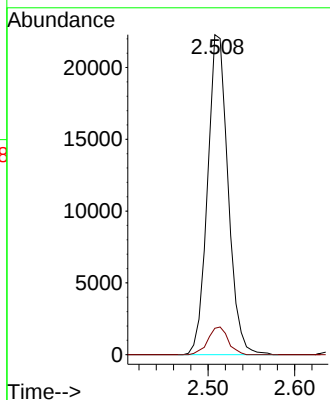
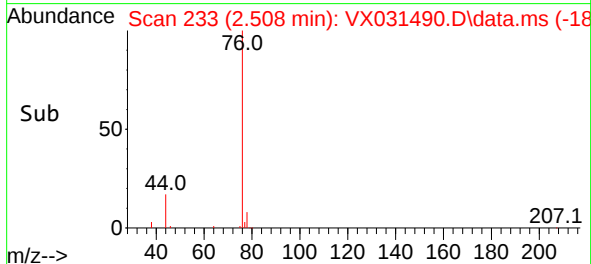
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 76 Resp: 3659
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

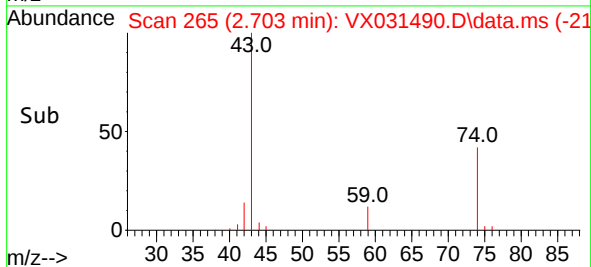
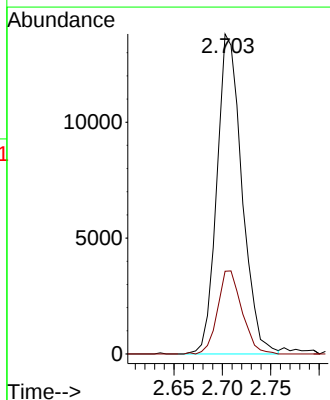
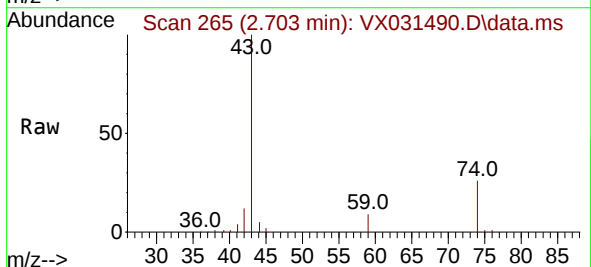
Manual Integrations
APPROVED

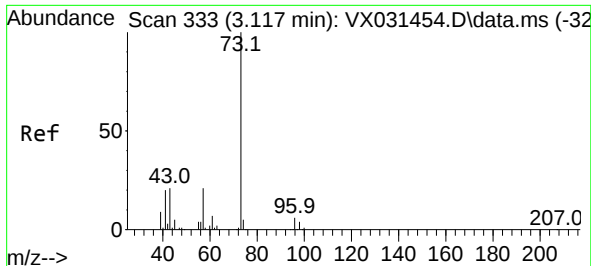
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#18
Methyl Acetate
Concen: 18.175 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

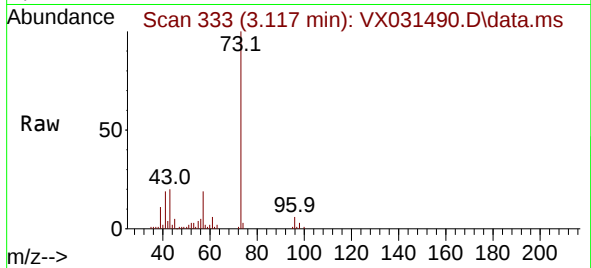
Tgt Ion: 43 Resp: 24856
Ion Ratio Lower Upper
43 100
74 25.3 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 18.718 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

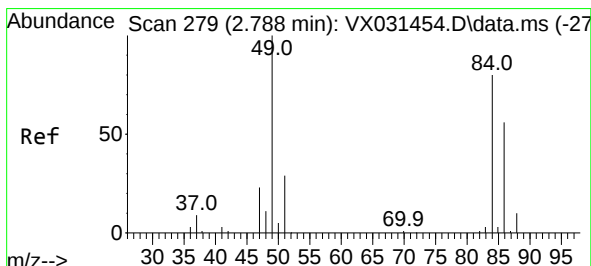
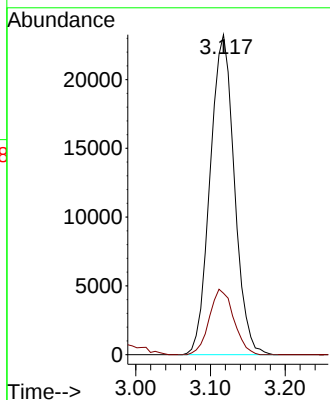
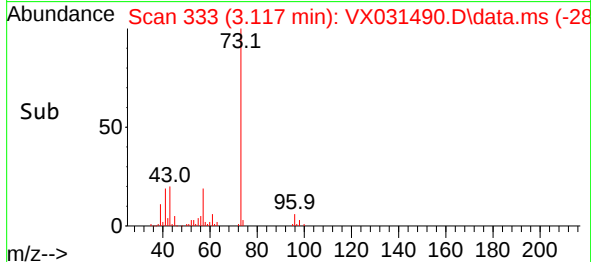
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 73 Resp: 52584
Ion Ratio Lower Upper
73 100
57 19.2 17.2 25.8

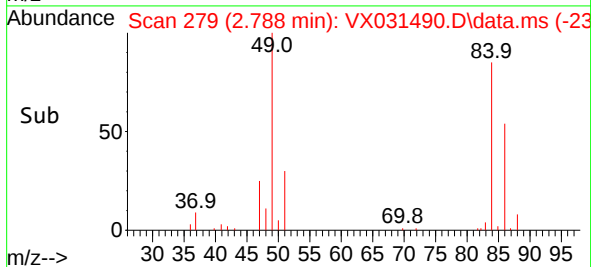
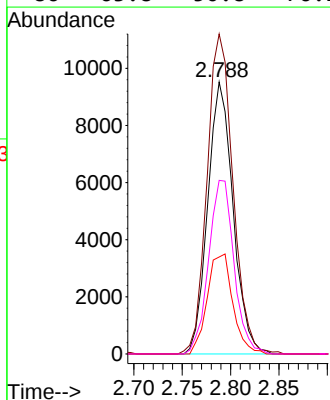
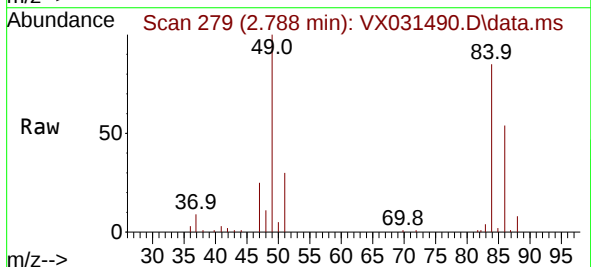
Manual Integrations
APPROVED

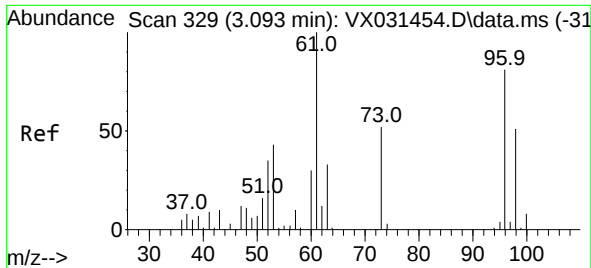
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#20
Methylene Chloride
Concen: 19.812 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

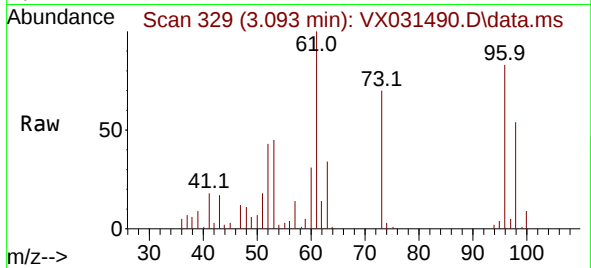
Tgt Ion: 84 Resp: 17353
Ion Ratio Lower Upper
84 100
49 117.6 105.9 158.9
51 35.7 32.2 48.2
86 63.8 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.668 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

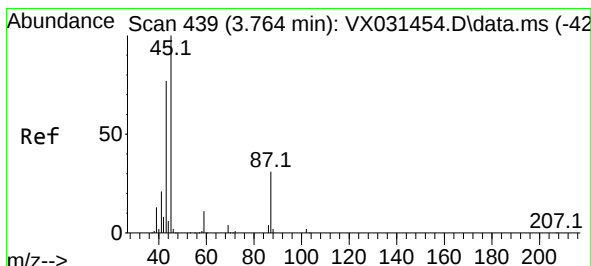
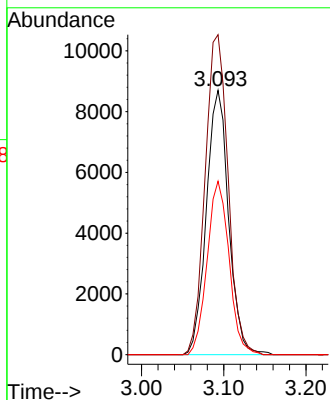
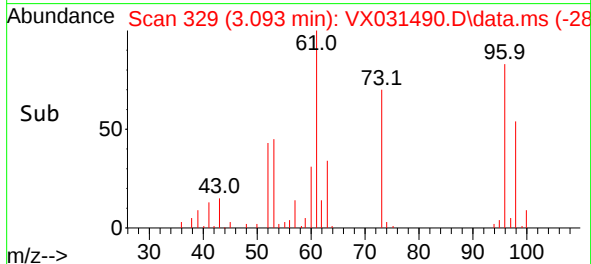
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



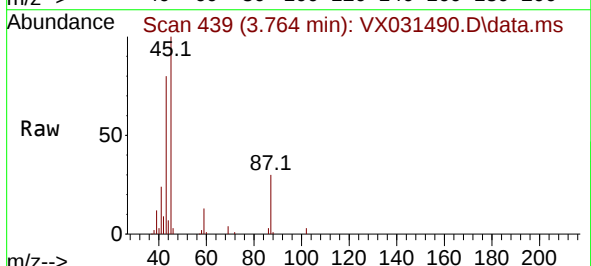
Tgt Ion: 96 Resp: 1637
Ion Ratio Lower Upper
96 100
61 121.1 106.7 160.1
98 65.6 48.7 73.1

Manual Integrations
APPROVED

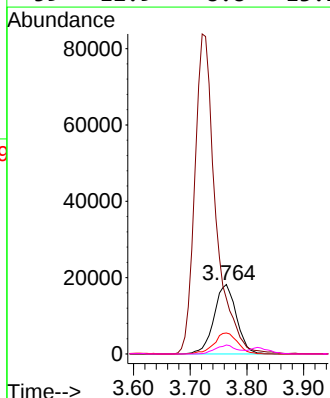
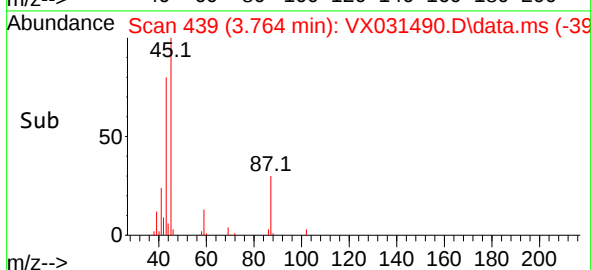
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

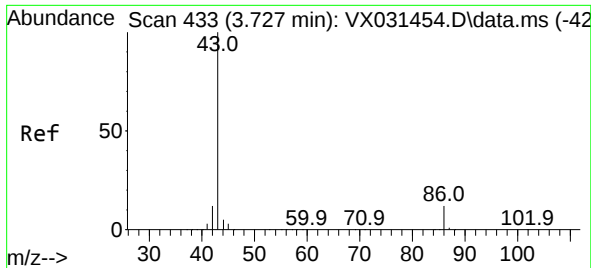


#22
Diisopropyl ether
Concen: 18.234 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion: 45 Resp: 50019
Ion Ratio Lower Upper
45 100
43 78.5 59.0 88.6
87 30.3 22.6 33.8
59 12.9 8.8 13.2





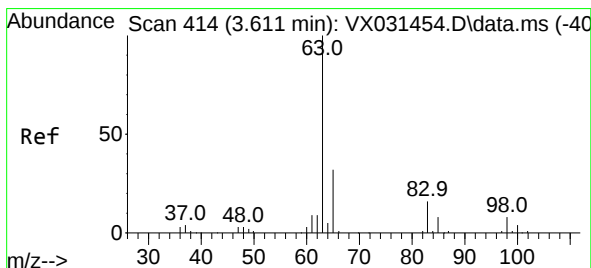
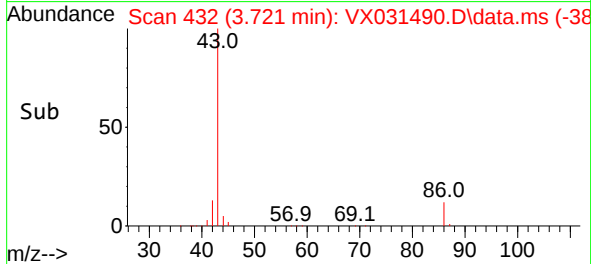
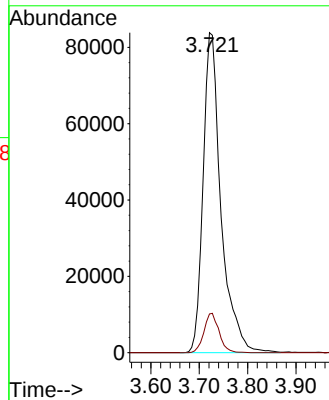
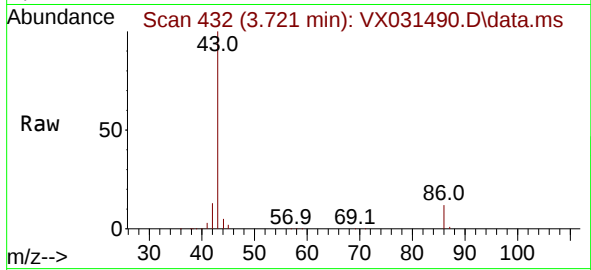
#23
 Vinyl Acetate
 Concen: 91.866 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBS01

Tgt Ion: 43 Resp: 215508
 Ion Ratio Lower Upper
 43 100
 86 12.1 8.7 13.1

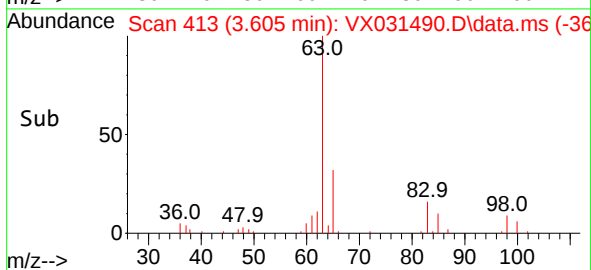
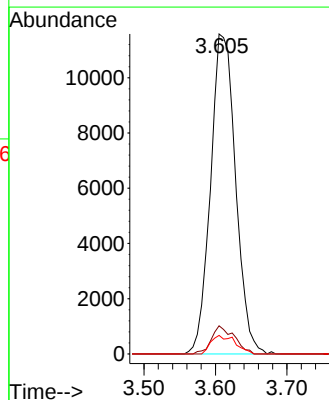
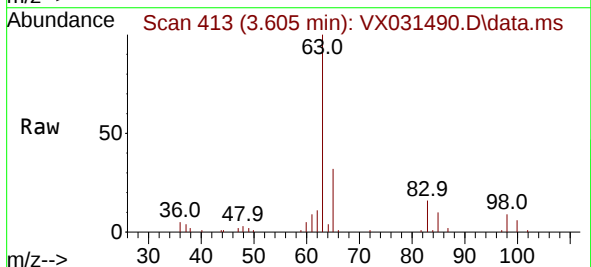
Manual Integrations
 APPROVED

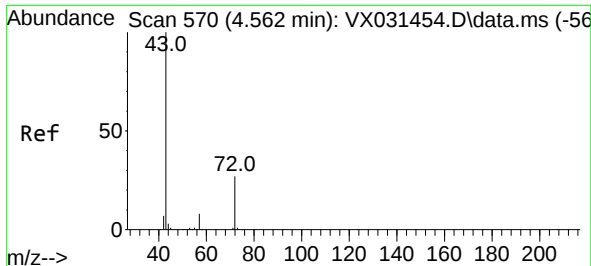
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#24
 1,1-Dichloroethane
 Concen: 18.211 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31

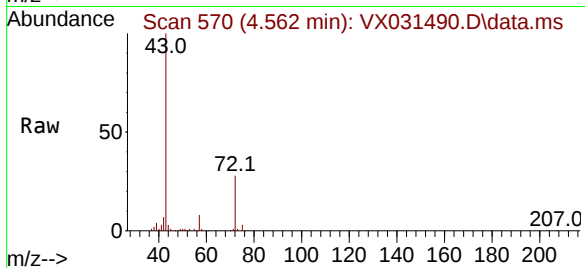
Tgt Ion: 63 Resp: 28231
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.4
 100 5.8 2.4 7.2





#25
2-Butanone
Concen: 92.950 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

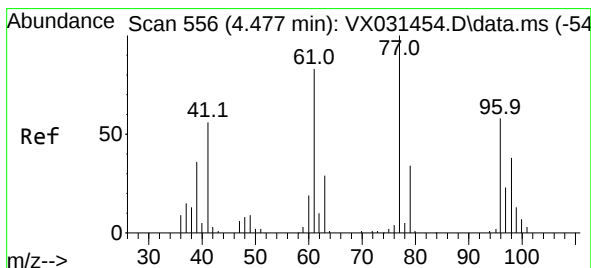
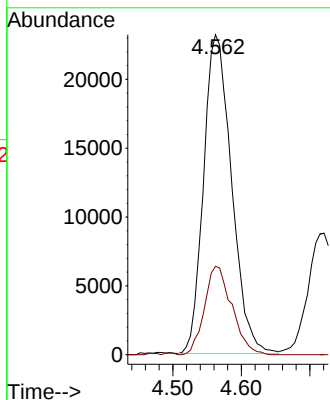
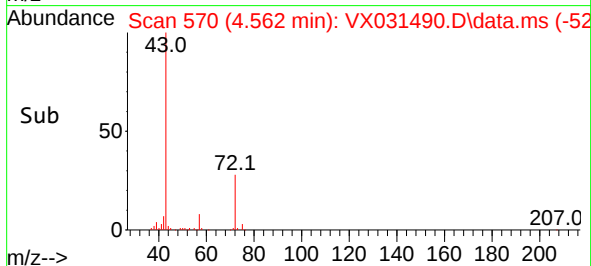
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



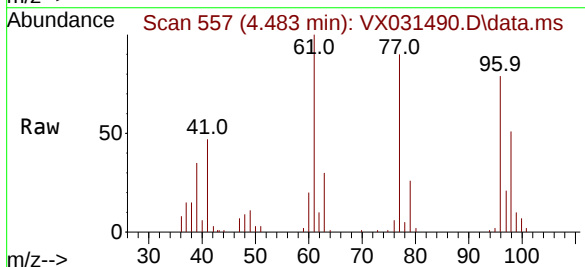
Tgt Ion: 43 Resp: 65670
Ion Ratio Lower Upper
43 100
72 27.7 21.1 31.7

Manual Integrations
APPROVED

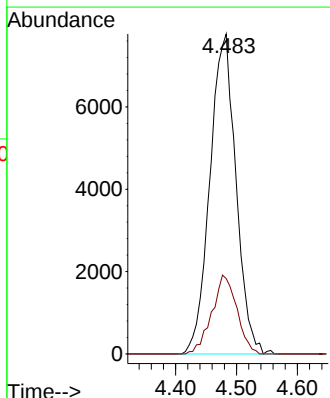
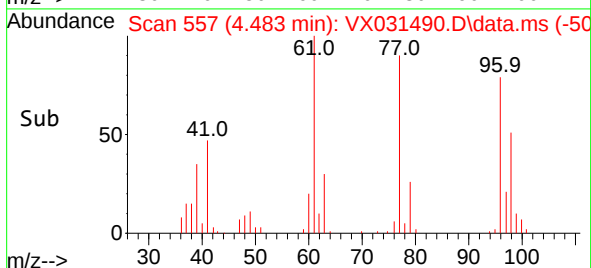
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

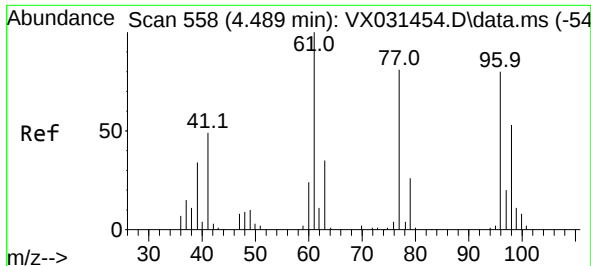


#26
2,2-Dichloropropane
Concen: 16.840 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion: 77 Resp: 23059
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 18.259 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 96 Resp: 1930

Ion Ratio Lower Upper

96 100

61 131.9 0.0 305.2

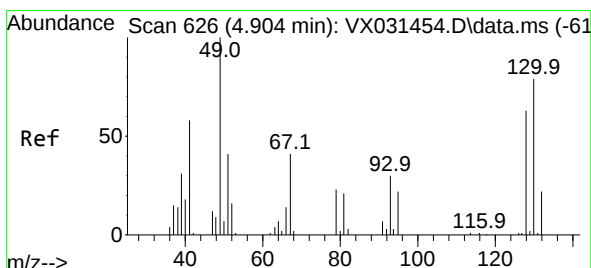
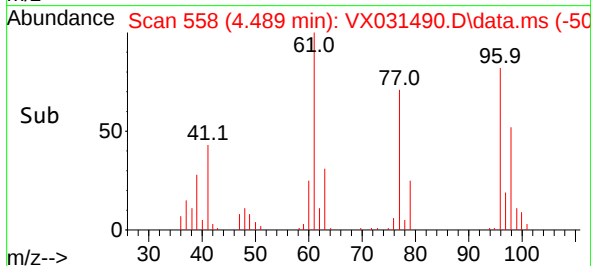
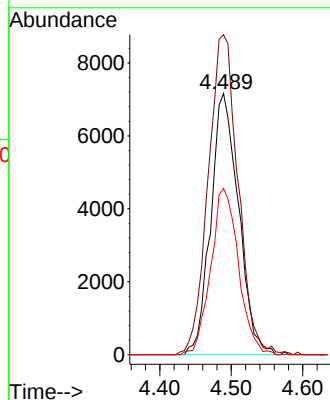
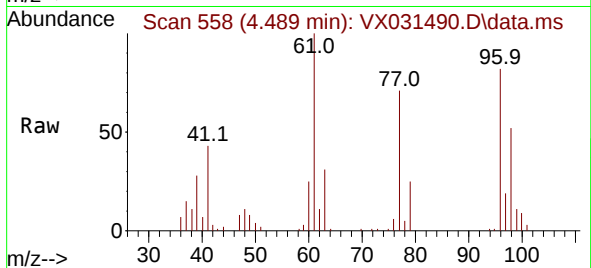
98 63.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#28

Bromochloromethane

Concen: 20.183 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

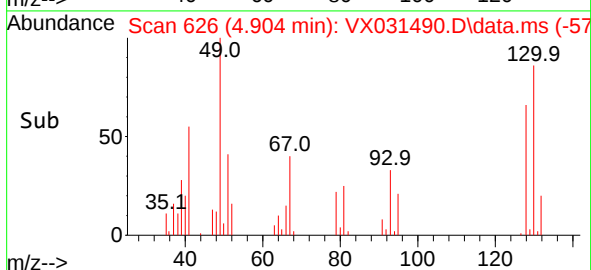
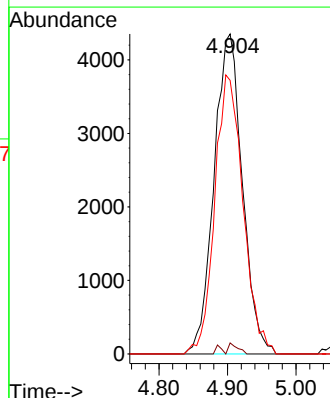
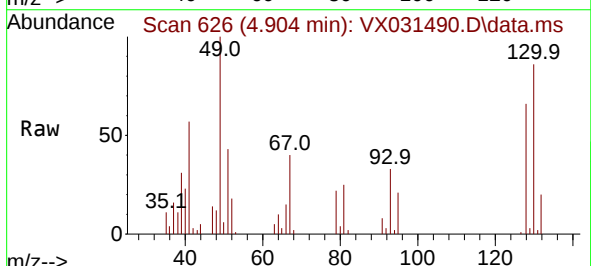
Tgt Ion: 49 Resp: 12499

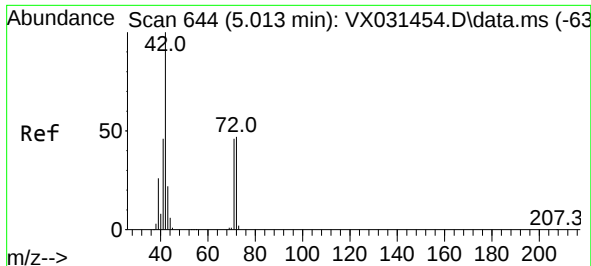
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.6

130 86.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 91.465 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

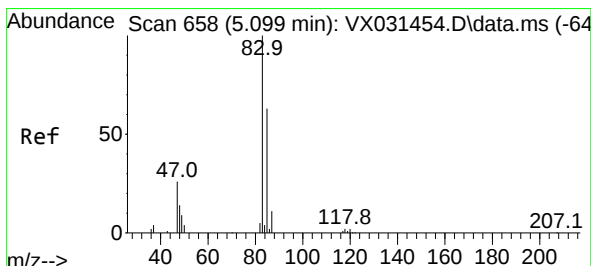
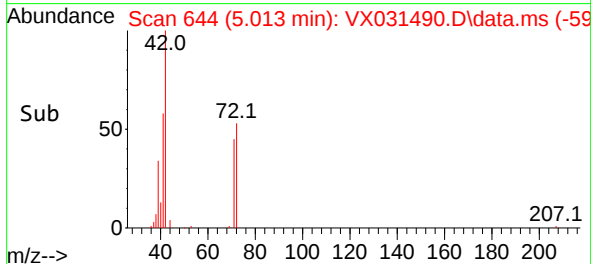
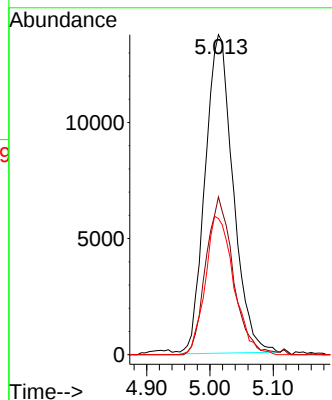
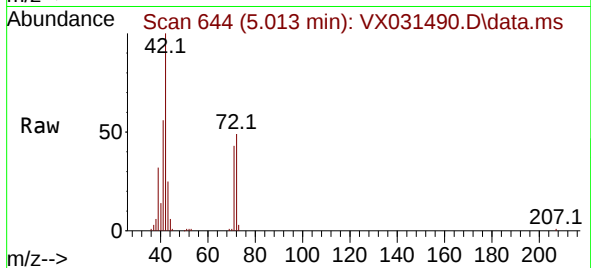
Tgt Ion:	42	Resp:	42140
Ion Ratio	Lower	Upper	
42	100		
72	48.4	36.4	54.6
71	44.4	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#30

Chloroform

Concen: 18.466 ug/l

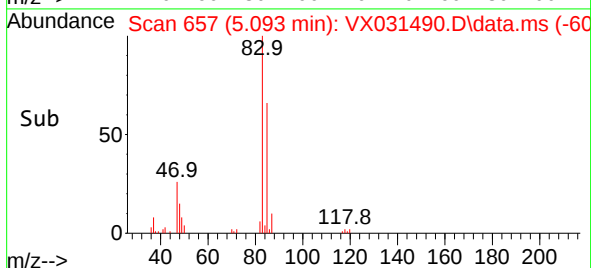
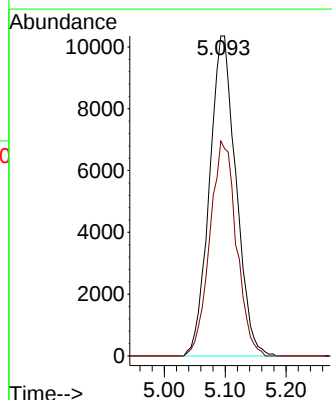
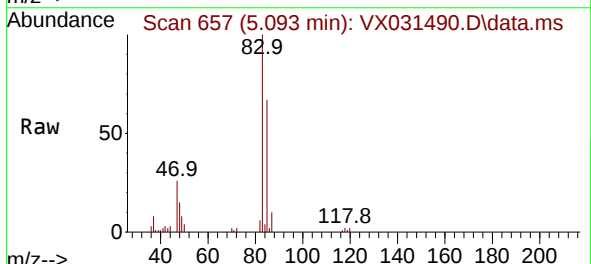
RT: 5.093 min Scan# 657

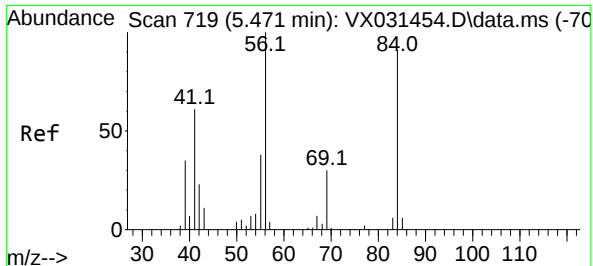
Delta R.T. -0.006 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

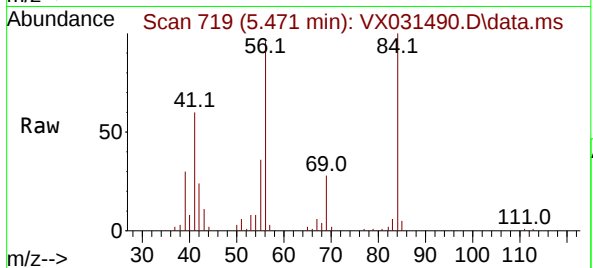
Tgt Ion:	83	Resp:	31395
Ion Ratio	Lower	Upper	
83	100		
85	67.2	52.8	79.2





#31
Cyclohexane
Concen: 17.605 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

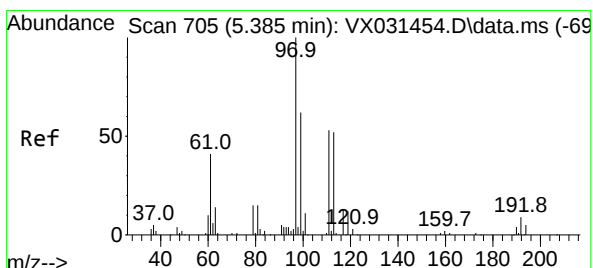
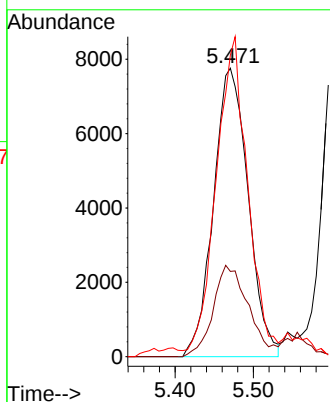
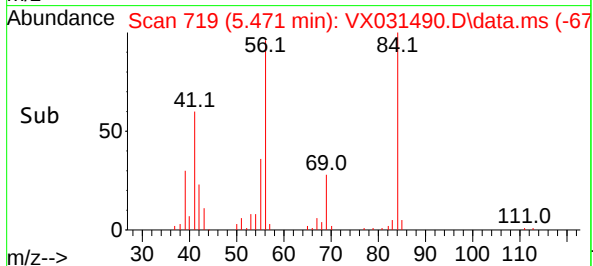
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



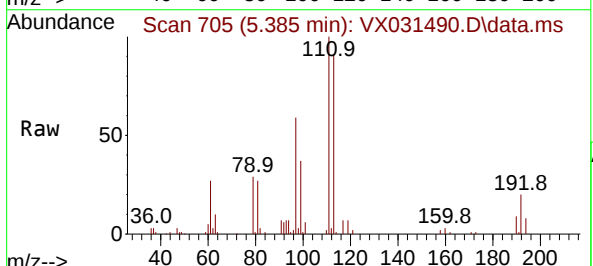
Tgt Ion: 56 Resp: 23898
Ion Ratio Lower Upper
56 100
69 29.6 25.1 37.7
84 102.3 70.2 105.4

Manual Integrations
APPROVED

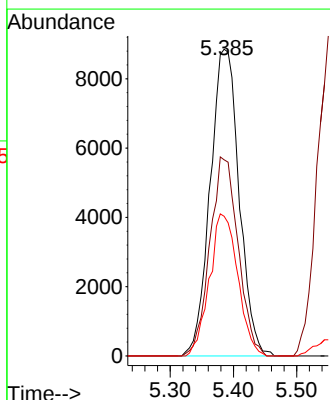
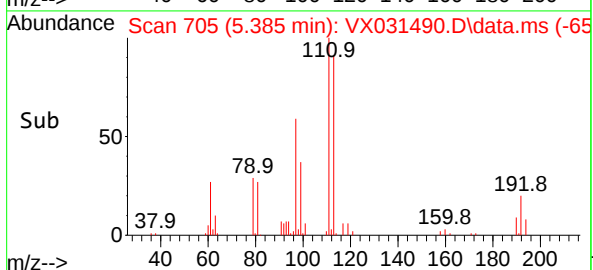
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

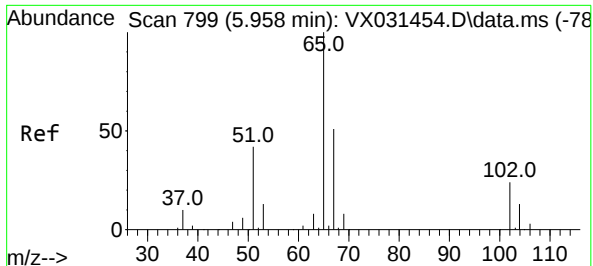


#32
1,1,1-Trichloroethane
Concen: 18.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion: 97 Resp: 28151
Ion Ratio Lower Upper
97 100
99 63.3 51.3 76.9
61 45.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 53.252 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 65 Resp: 4876

Ion Ratio Lower Upper

65 100

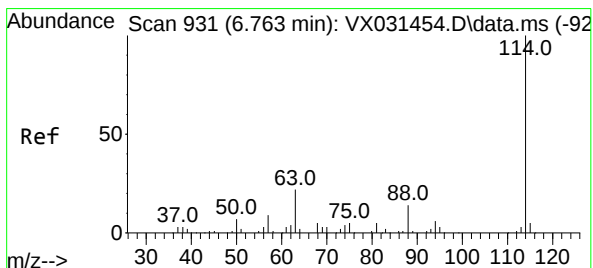
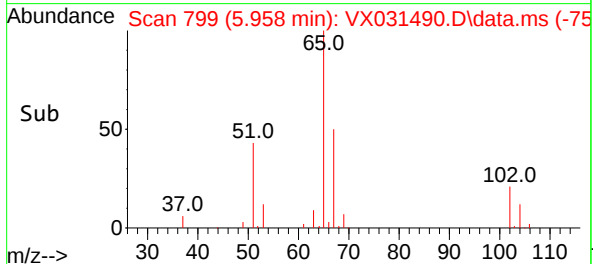
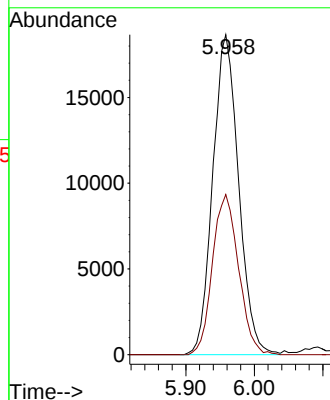
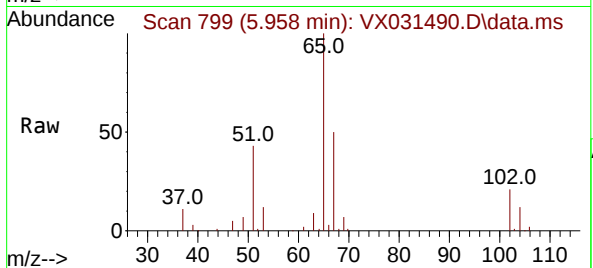
67 50.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

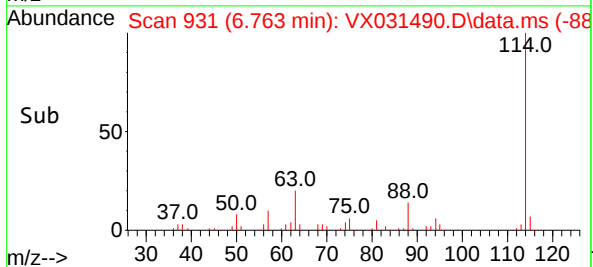
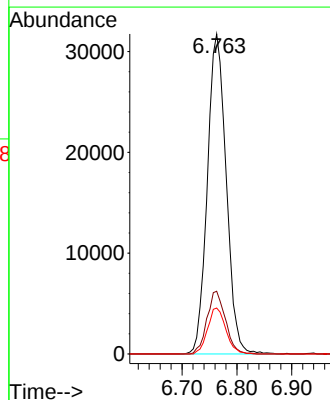
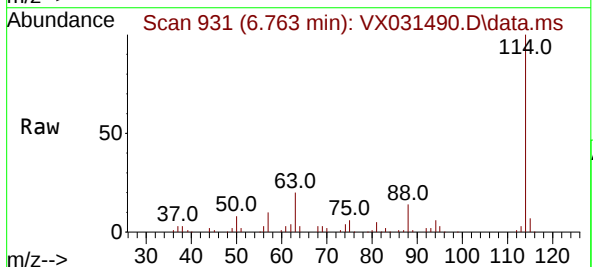
Tgt Ion:114 Resp: 75610

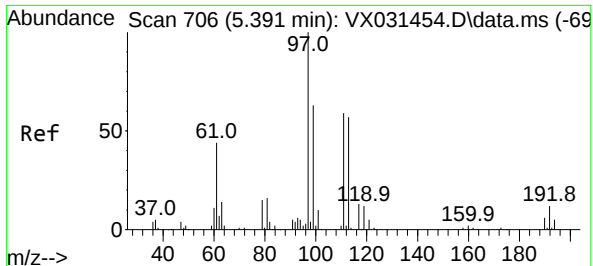
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 14.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031490.D

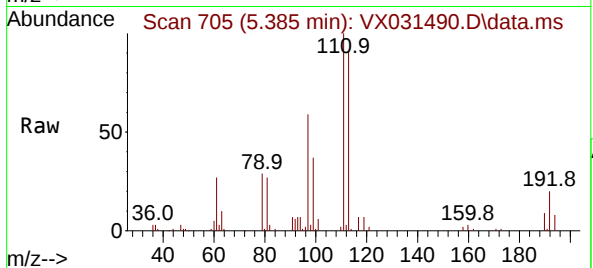
Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01



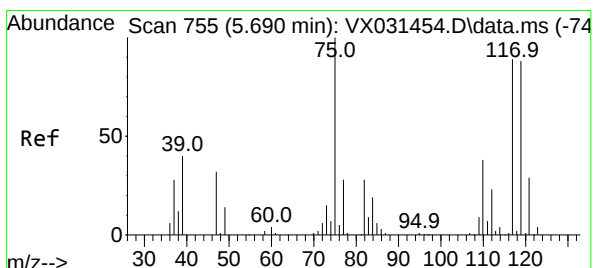
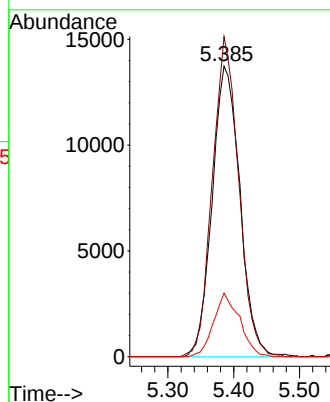
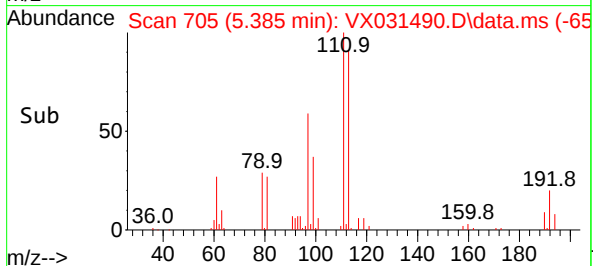
Tgt Ion:	113	Resp:	4025
Ion Ratio	Lower	Upper	
113	100		
111	104.6	82.4	123.6
192	20.5	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#36

1,1-Dichloropropene

Concen: 18.234 ug/l

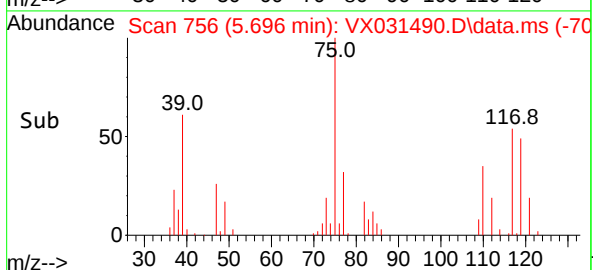
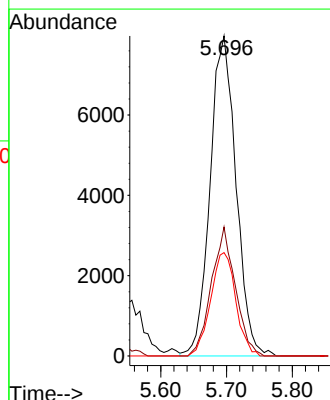
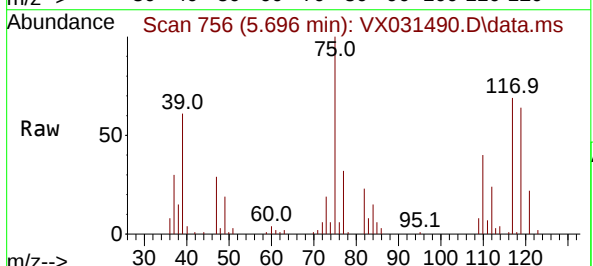
RT: 5.696 min Scan# 756

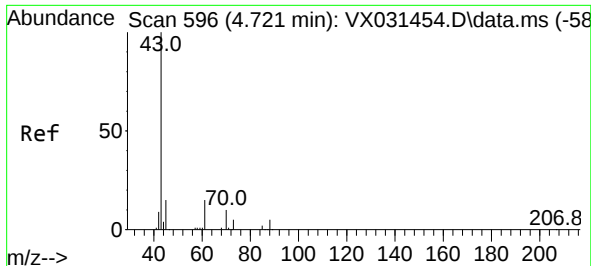
Delta R.T. 0.006 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion:	75	Resp:	21914
Ion Ratio	Lower	Upper	
75	100		
110	37.2	17.5	52.5
77	31.3	24.9	37.3





#37

Ethyl Acetate

Concen: 18.266 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031490.D

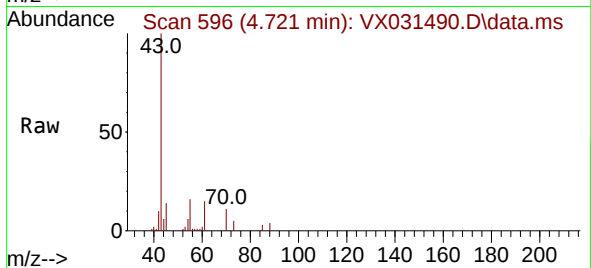
Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01



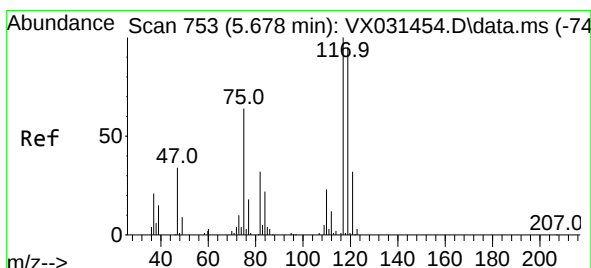
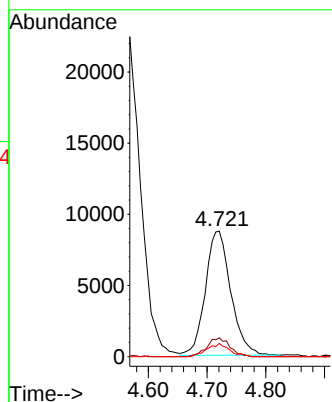
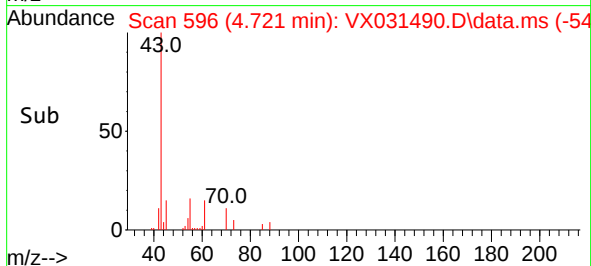
Tgt Ion: 43	Resp: 26190
Ion Ratio	Lower Upper
43	100
61	13.7 11.1 16.7
70	9.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#38

Carbon Tetrachloride

Concen: 18.204 ug/l

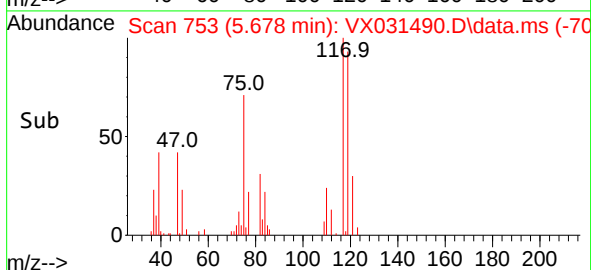
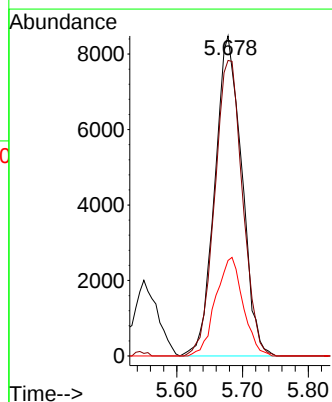
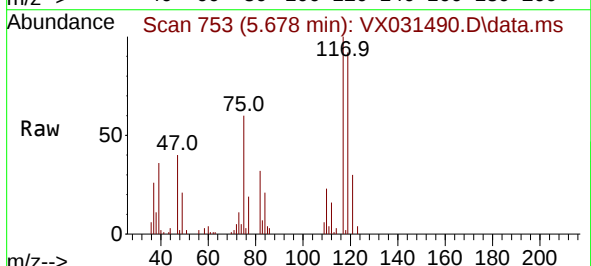
RT: 5.678 min Scan# 753

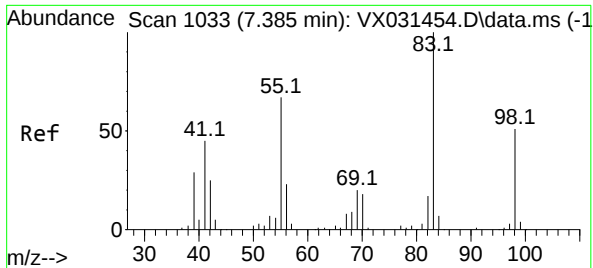
Delta R.T. -0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion: 117	Resp: 24251
Ion Ratio	Lower Upper
117	100
119	92.3 74.6 112.0
121	29.9 25.3 37.9





#39

Methylcyclohexane

Concen: 17.993 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 83 Resp: 26608

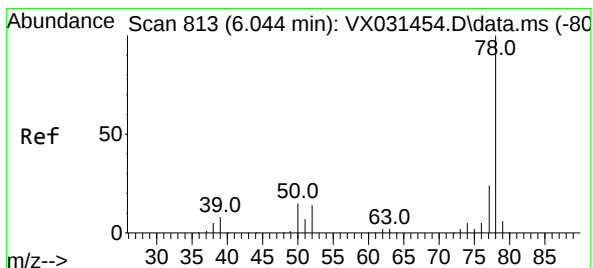
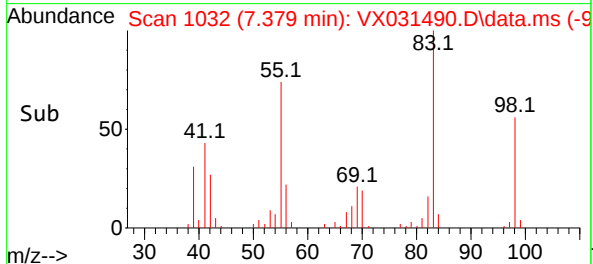
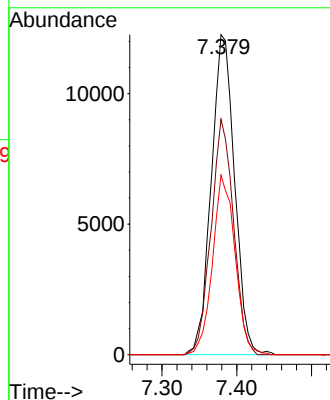
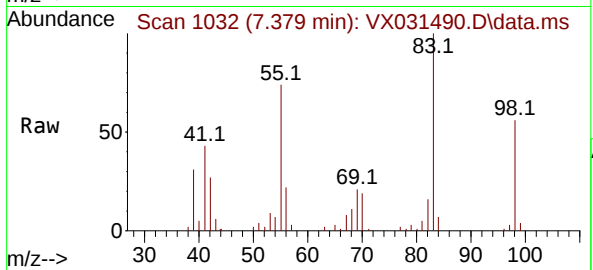
Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.0	91.4
98	56.1	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#40

Benzene

Concen: 18.864 ug/l

RT: 6.038 min Scan# 812

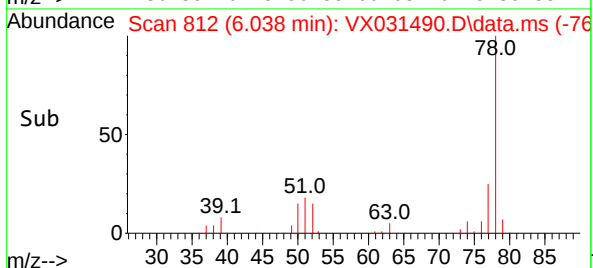
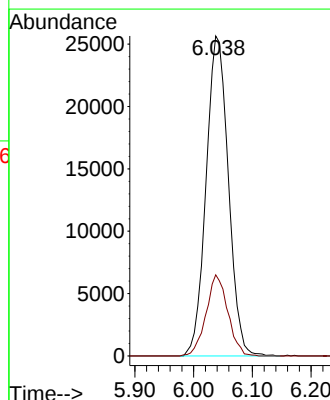
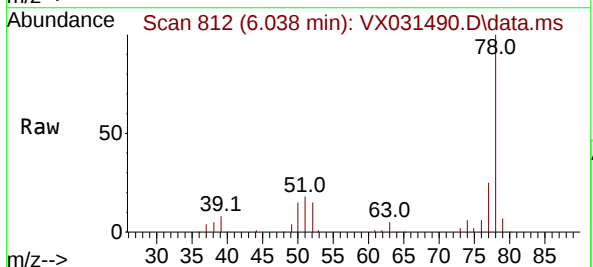
Delta R.T. -0.006 min

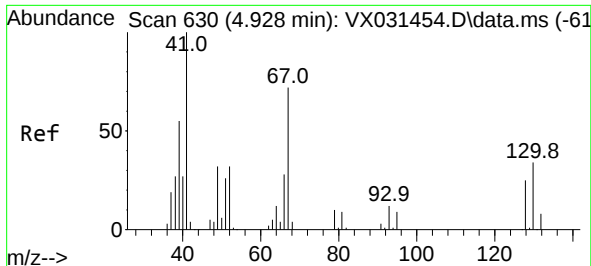
Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion: 78 Resp: 67637

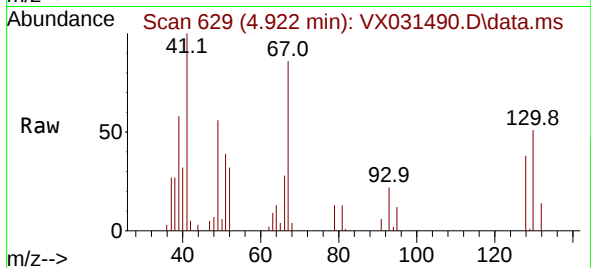
Ion	Ratio	Lower	Upper
78	100		
77	25.4	18.7	28.1





#41
Methacrylonitrile
Concen: 17.600 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

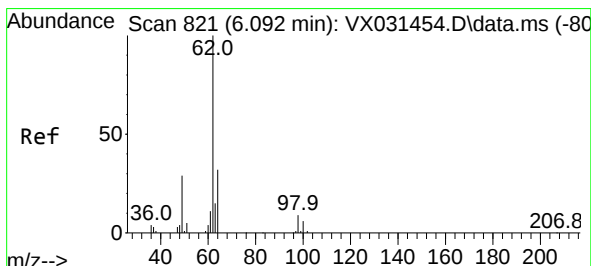
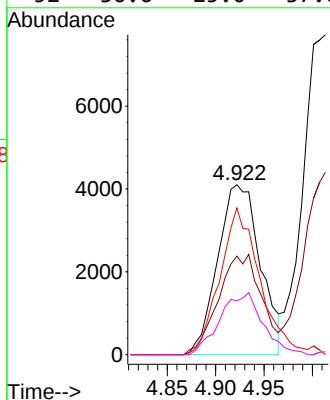
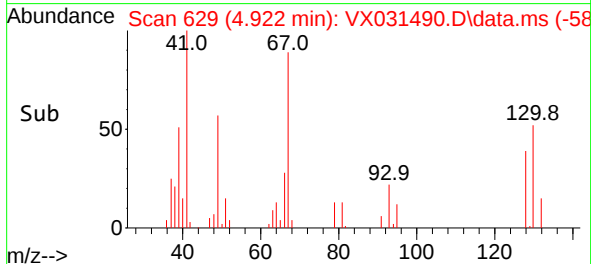
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion:	41	Resp:	1256
Ion	Ratio	Lower	Upper
41	100		
39	59.6	45.0	67.6
67	81.7	58.2	87.4
52	36.6	25.0	37.6

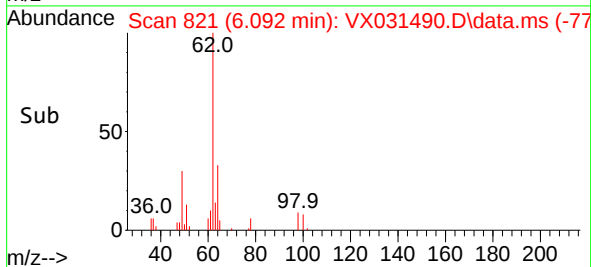
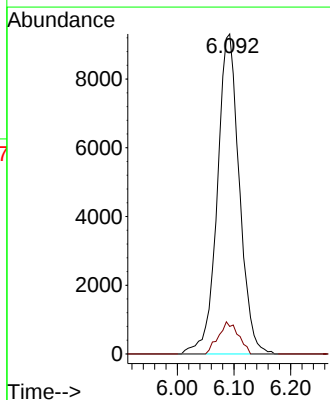
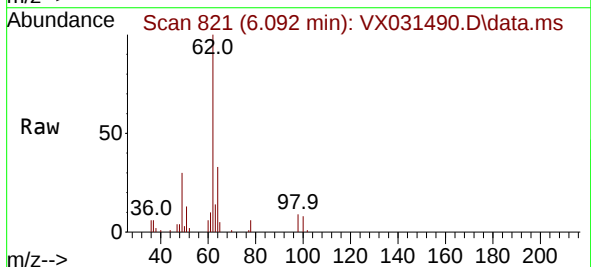
Manual Integrations
APPROVED

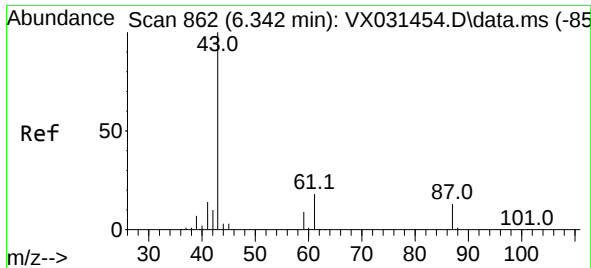
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#42
1,2-Dichloroethane
Concen: 19.024 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

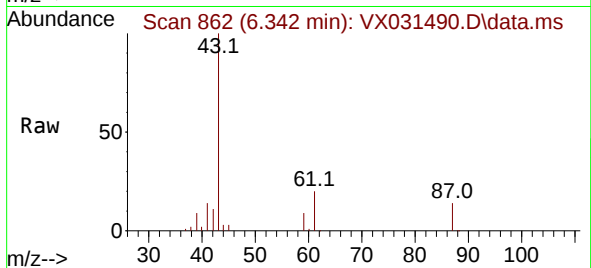
Tgt Ion:	62	Resp:	25142
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43
Isopropyl Acetate
Concen: 18.794 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

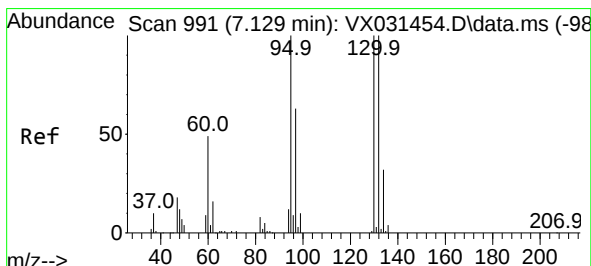
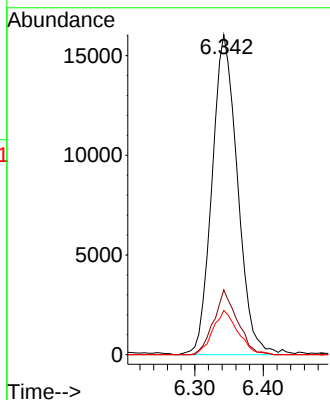
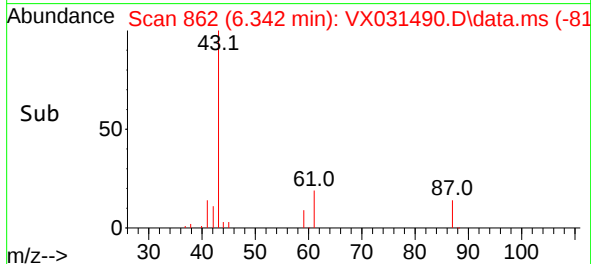
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 43 Resp: 41410
Ion Ratio Lower Upper
43 100
61 18.7 15.3 22.9
87 13.6 10.6 15.8

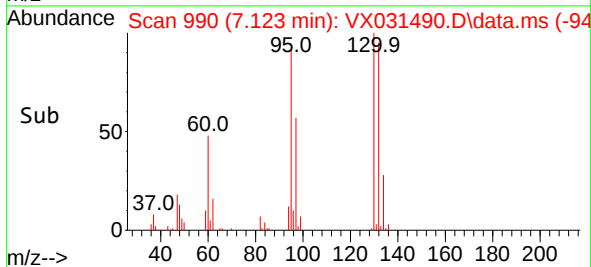
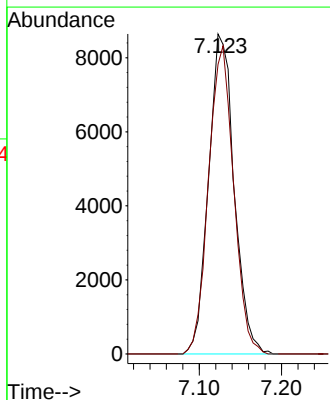
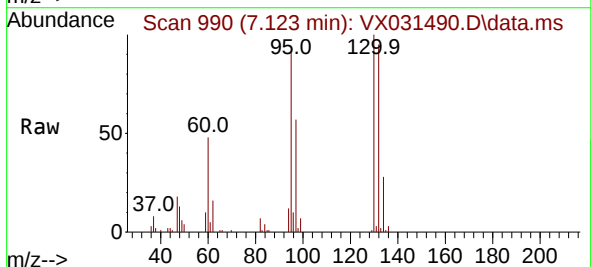
Manual Integrations
APPROVED

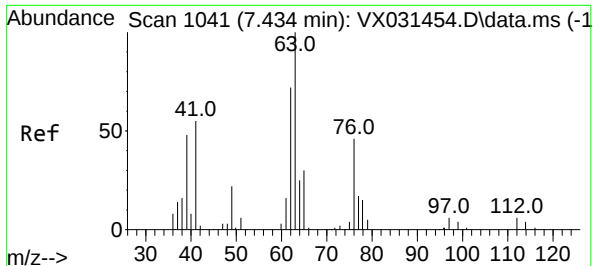
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#44
Trichloroethene
Concen: 18.411 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion:130 Resp: 18717
Ion Ratio Lower Upper
130 100
95 90.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 18.835 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 63 Resp: 16970

Ion Ratio Lower Upper

63 100

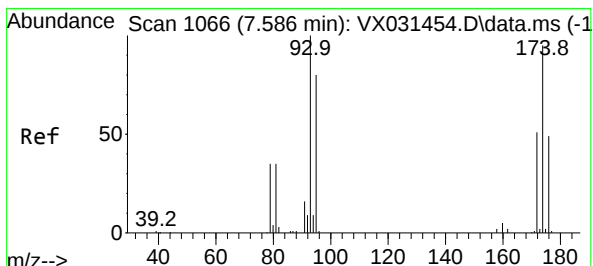
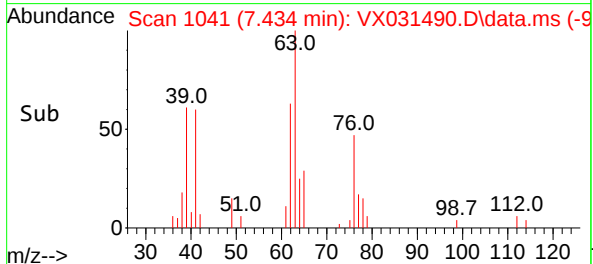
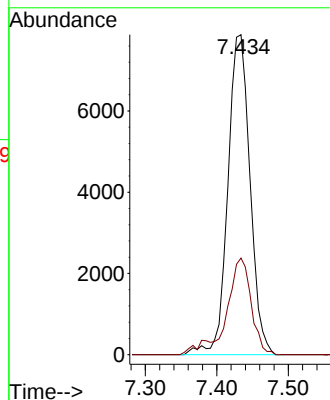
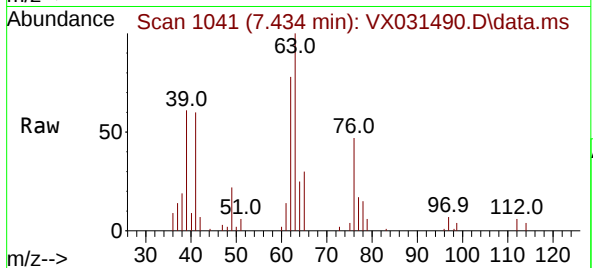
65 30.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#46

Dibromomethane

Concen: 18.722 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

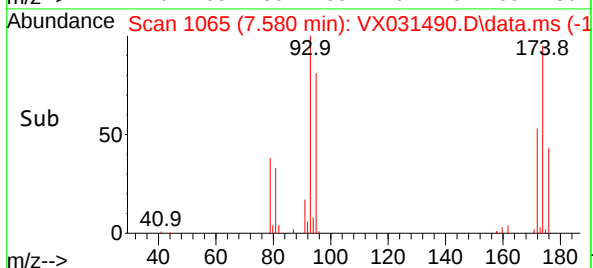
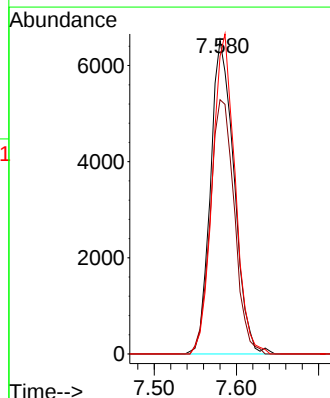
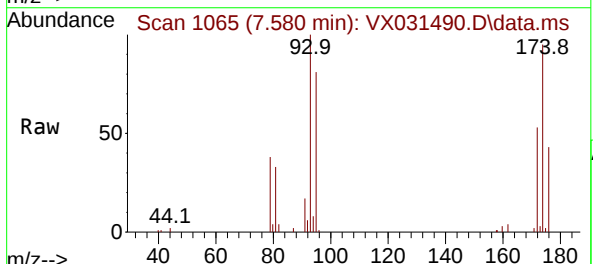
Tgt Ion: 93 Resp: 12989

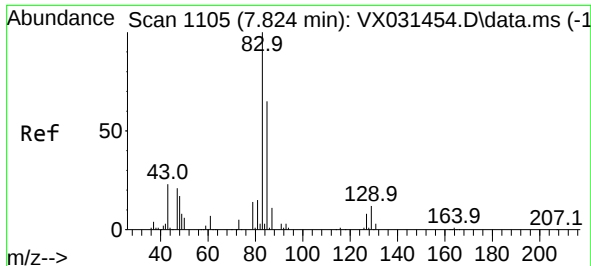
Ion Ratio Lower Upper

93 100

95 82.9 65.5 98.3

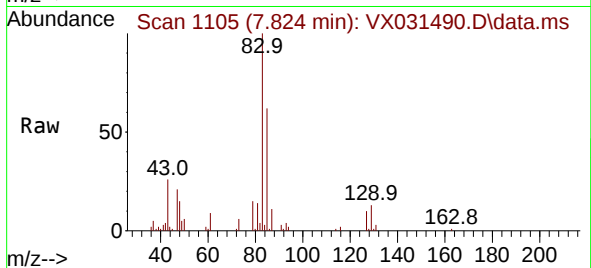
174 97.7 67.6 101.4





#47
Bromodichloromethane
Concen: 18.427 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

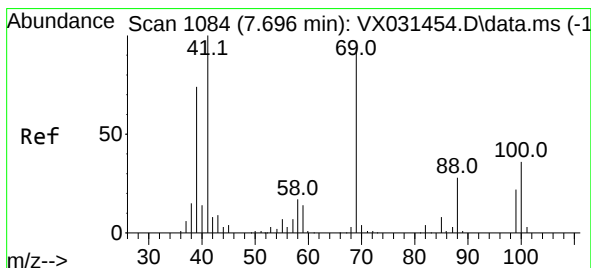
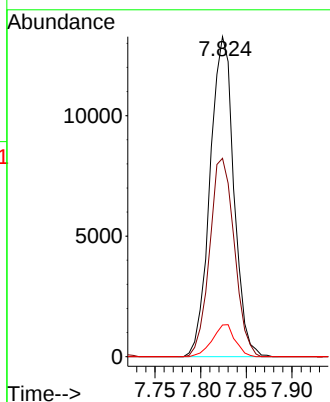
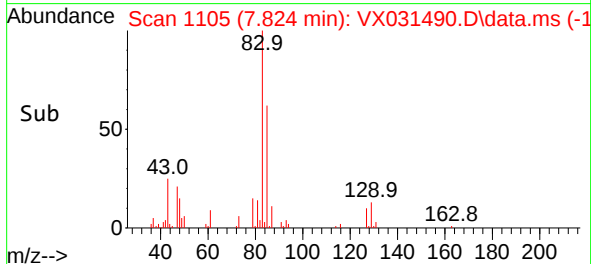
Instrument : MSVOA_X
ClientSampleId : VX0920MBS01



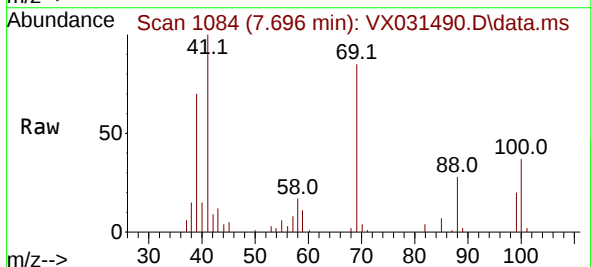
Tgt Ion: 83 Resp: 24036
Ion Ratio Lower Upper
83 100
85 62.0 51.0 76.6
127 9.9 7.0 10.6

Manual Integrations
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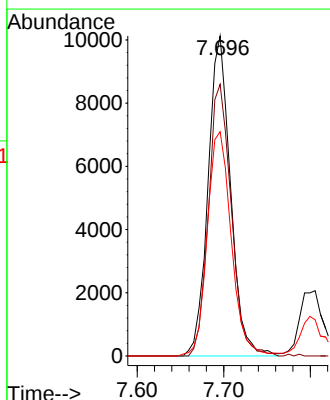
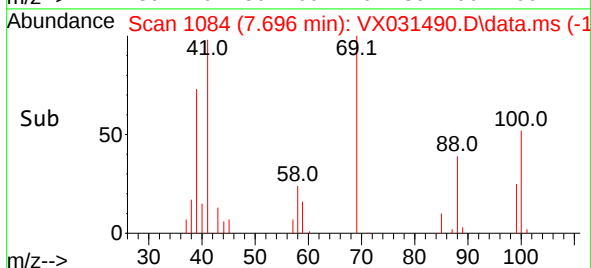
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

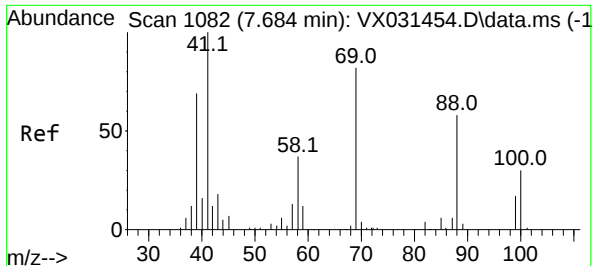


#48
Methyl methacrylate
Concen: 18.105 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion: 41 Resp: 18227
Ion Ratio Lower Upper
41 100
69 86.3 64.6 96.8
39 74.9 51.4 77.0





#49

1,4-Dioxane

Concen: 410.979 ug/l

RT: 7.690 min Scan# 1082

Delta R.T. 0.006 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 88 Resp: 9449

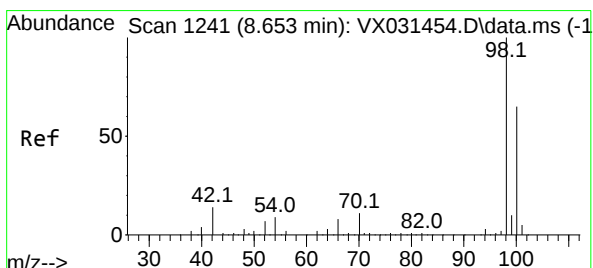
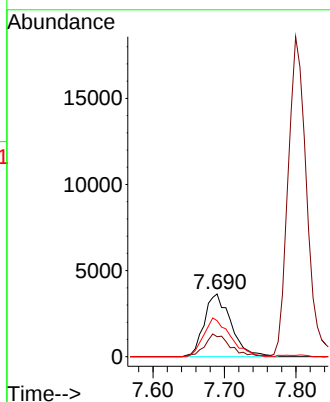
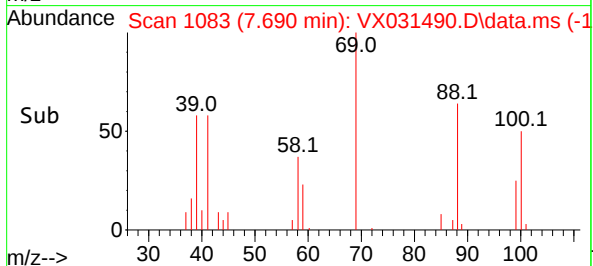
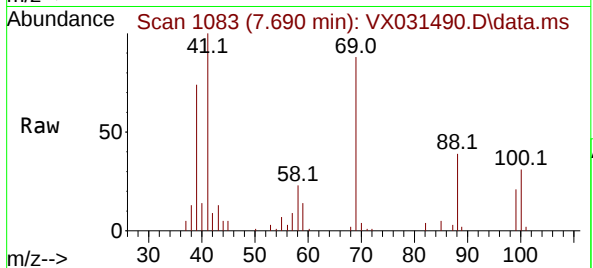
Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.1	40.7
58	61.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#50

Toluene-d8

Concen: 49.802 ug/l

RT: 8.647 min Scan# 1240

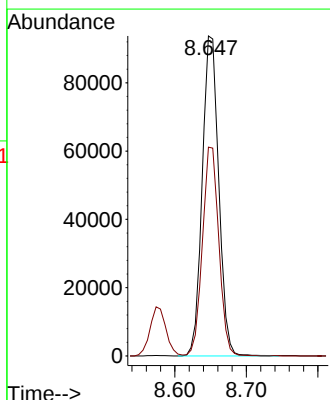
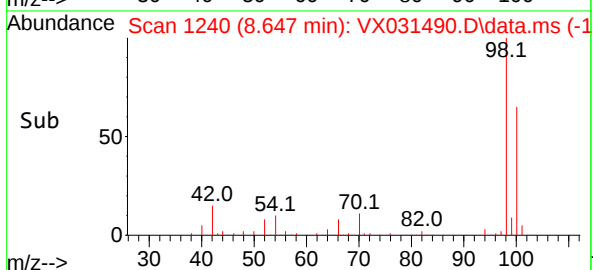
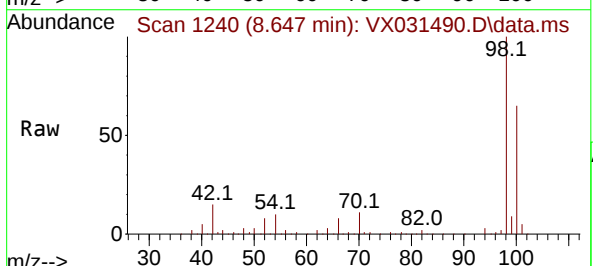
Delta R.T. -0.006 min

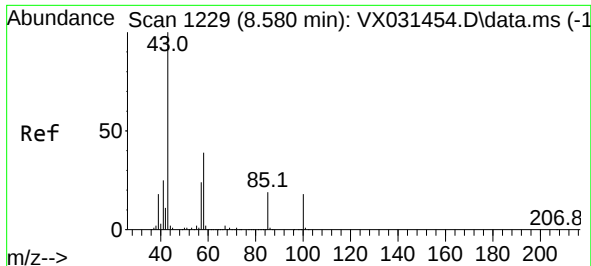
Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion: 98 Resp: 150021

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7





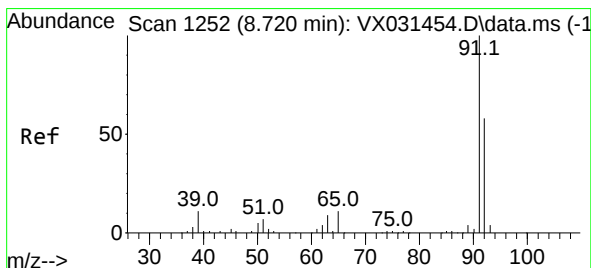
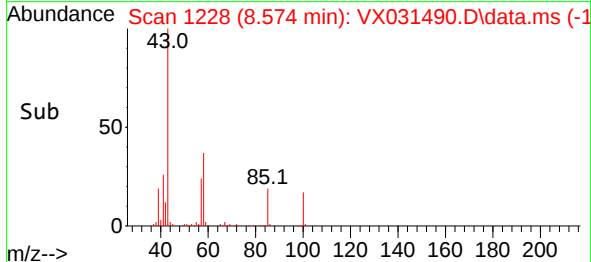
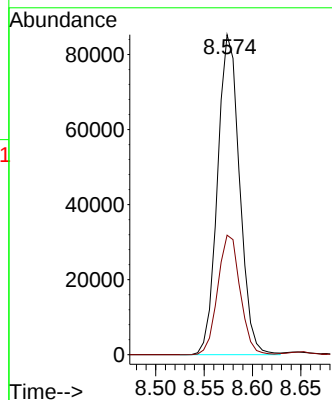
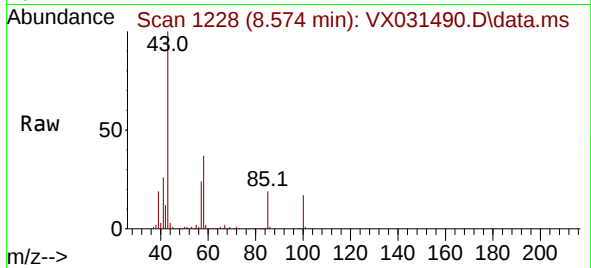
#51
4-Methyl-2-Pentanone
Concen: 95.313 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion: 43 Resp: 13509
Ion Ratio Lower Upper
43 100
58 37.9 30.6 46.0

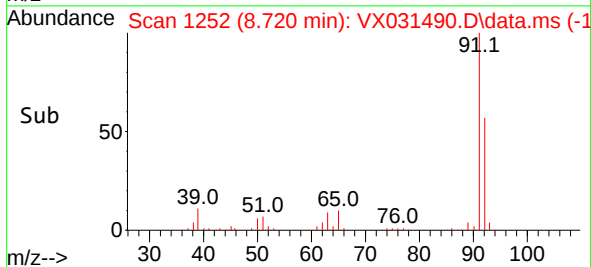
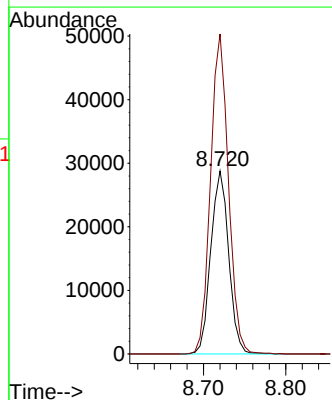
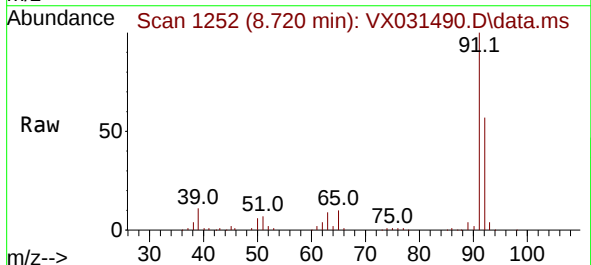
Manual Integrations
APPROVED

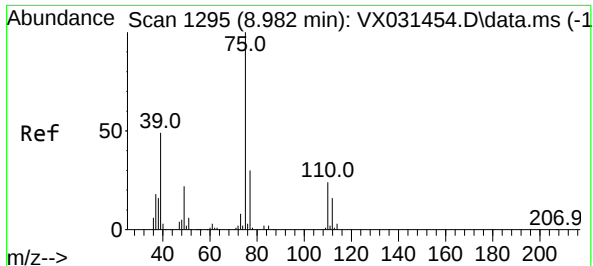
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#52
Toluene
Concen: 18.677 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion: 92 Resp: 43675
Ion Ratio Lower Upper
92 100
91 174.5 137.1 205.7





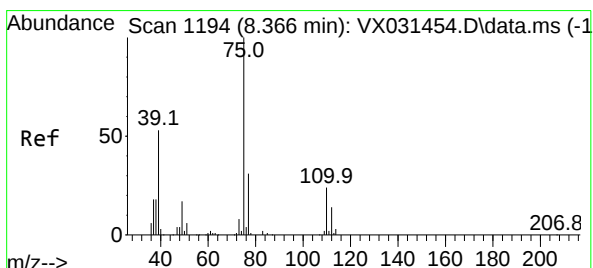
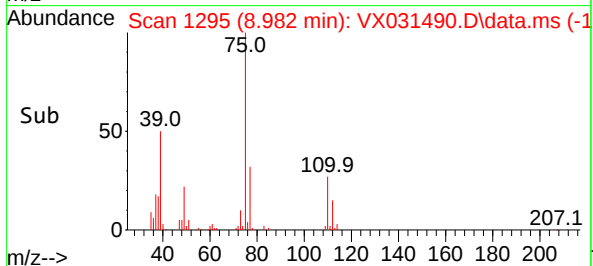
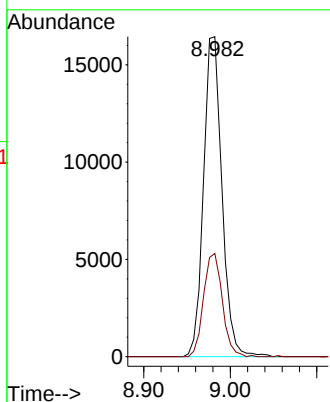
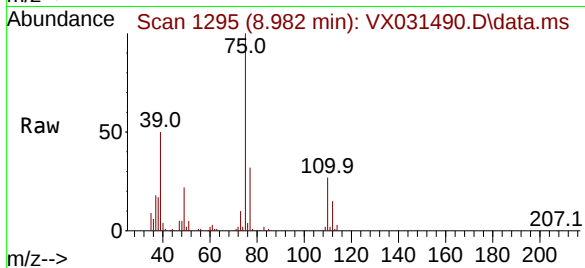
#53
t-1,3-Dichloropropene
Concen: 18.021 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion: 75 Resp: 24324
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2

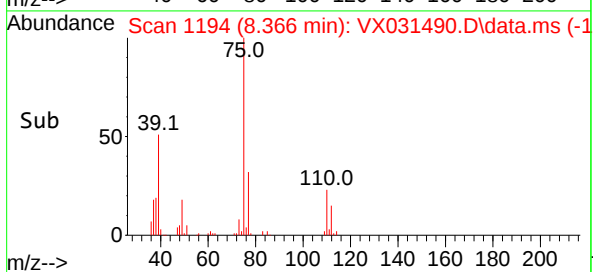
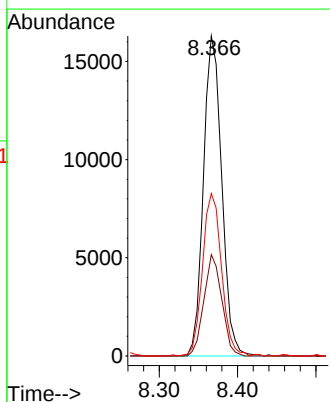
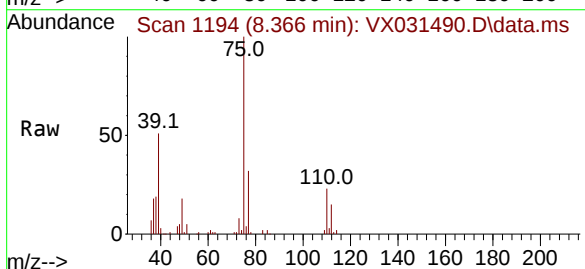
Manual Integrations
APPROVED

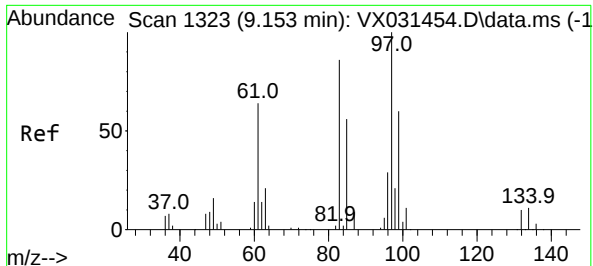
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#54
cis-1,3-Dichloropropene
Concen: 17.899 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion: 75 Resp: 26423
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6
39 50.8 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 18.370 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

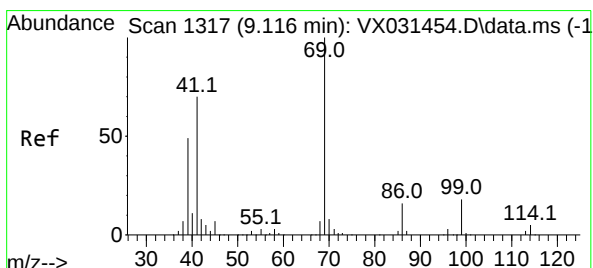
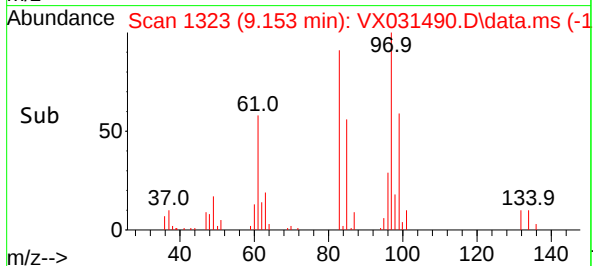
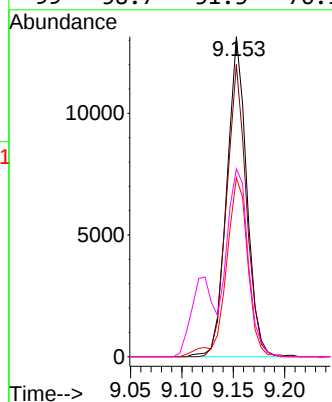
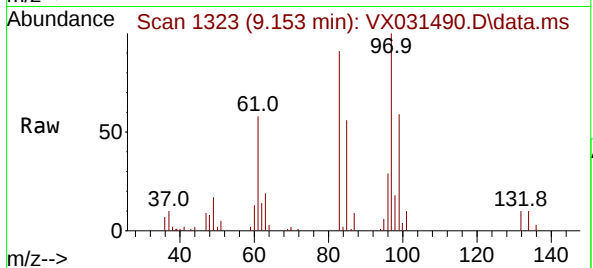
Tgt Ion:	97	Resp:	17700
Ion	Ratio	Lower	Upper
97	100		
83	91.3	69.0	103.6
85	55.9	44.1	66.1
99	58.7	51.3	76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#56

Ethyl methacrylate

Concen: 18.874 ug/l

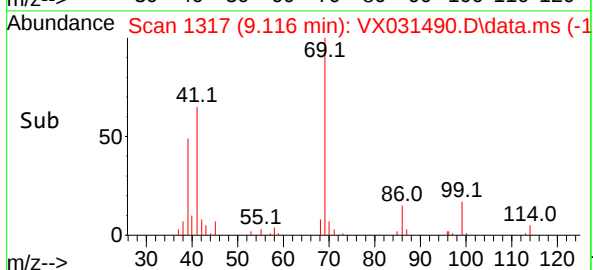
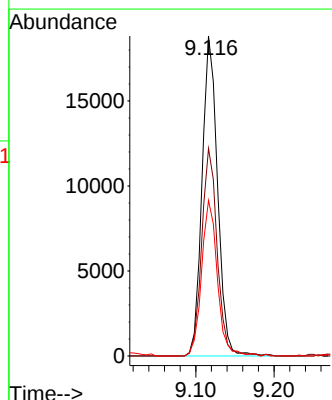
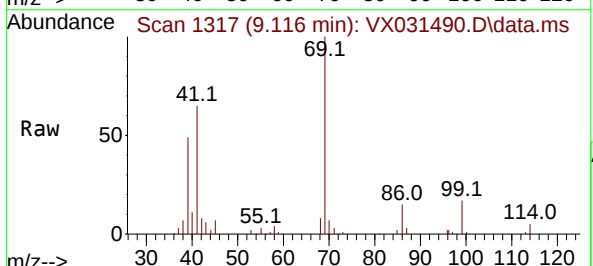
RT: 9.116 min Scan# 1317

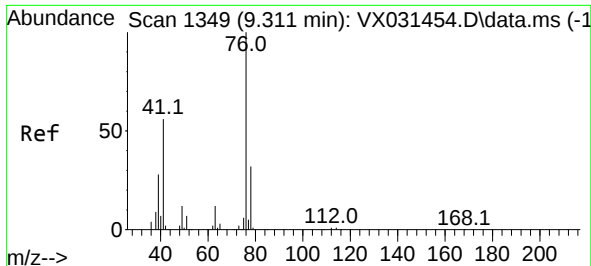
Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion:	69	Resp:	25866
Ion	Ratio	Lower	Upper
69	100		
41	64.9	54.2	81.4
39	49.4	34.2	51.2





#57

1,3-Dichloropropane

Concen: 19.053 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

Tgt Ion: 76 Resp: 3012

Ion Ratio Lower Upper

76 100

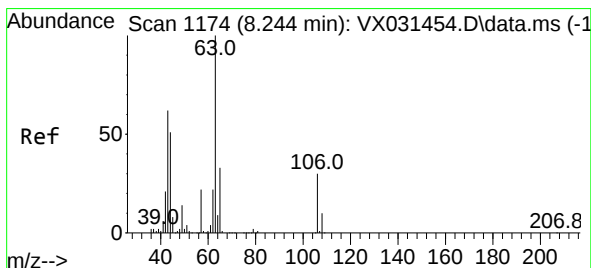
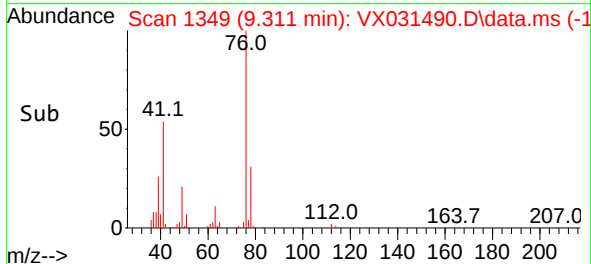
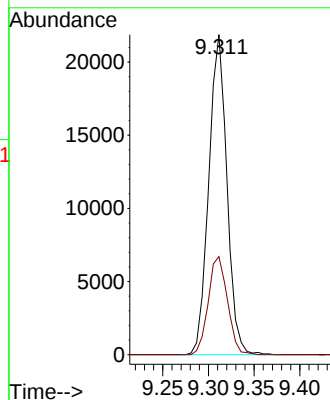
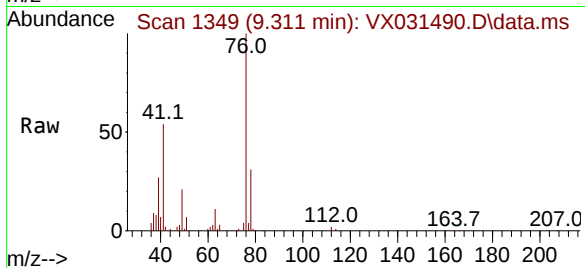
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 95.459 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX031490.D

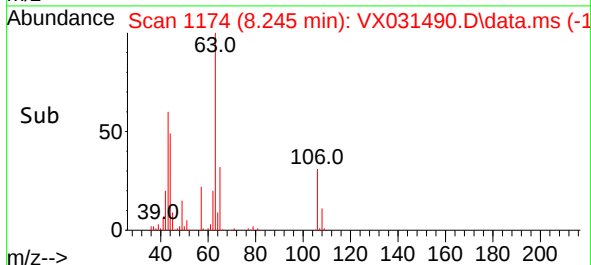
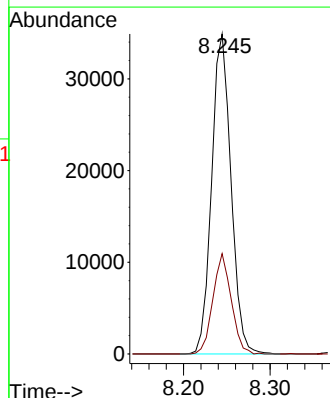
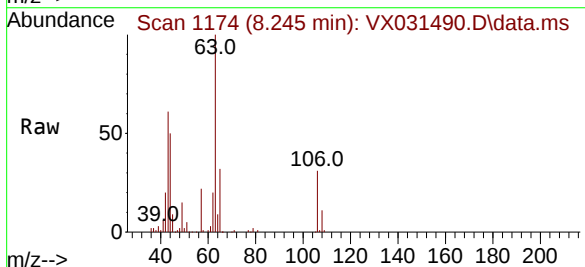
Acq: 20 Sep 2022 12:31

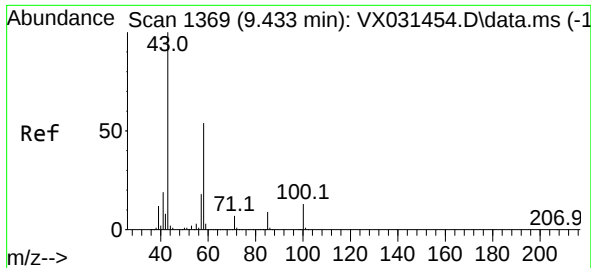
Tgt Ion: 63 Resp: 54153

Ion Ratio Lower Upper

63 100

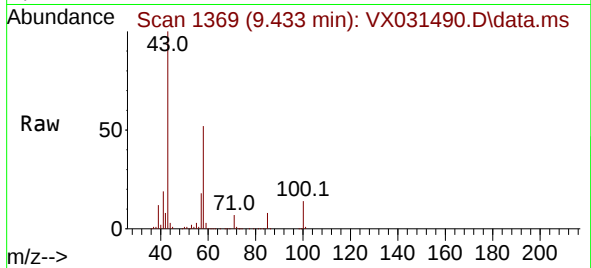
106 29.6 22.6 34.0





#59
2-Hexanone
Concen: 96.622 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

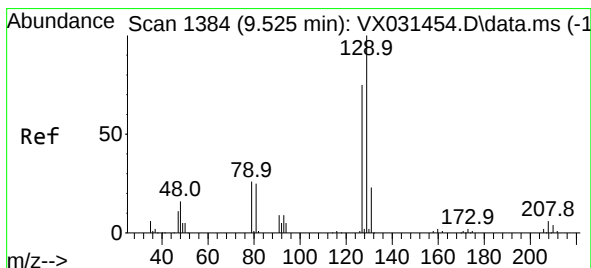
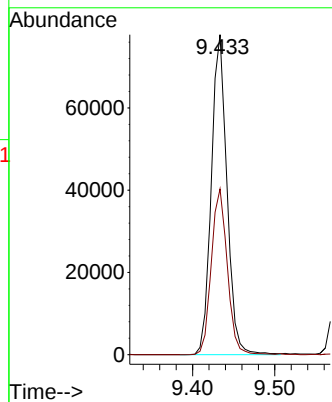
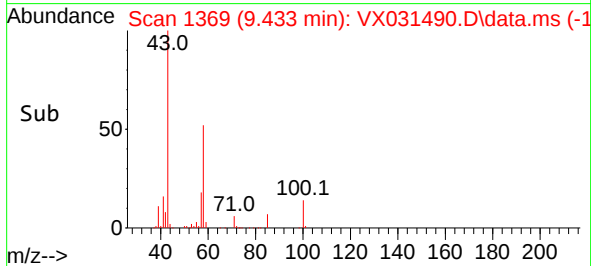
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 43 Resp: 10285
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.0

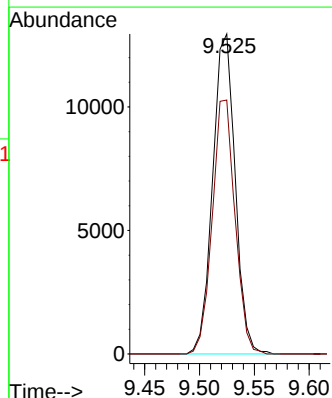
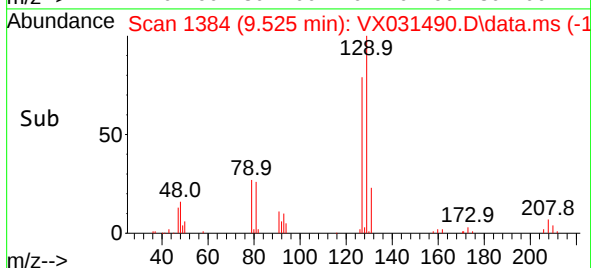
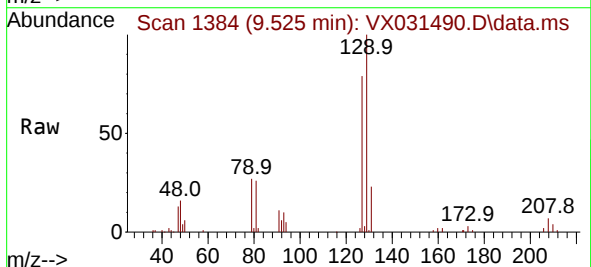
Manual Integrations
APPROVED

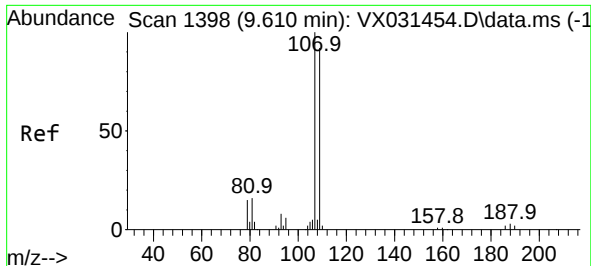
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#60
Dibromochloromethane
Concen: 18.075 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion:129 Resp: 18494
Ion Ratio Lower Upper
129 100
127 80.4 38.7 116.1





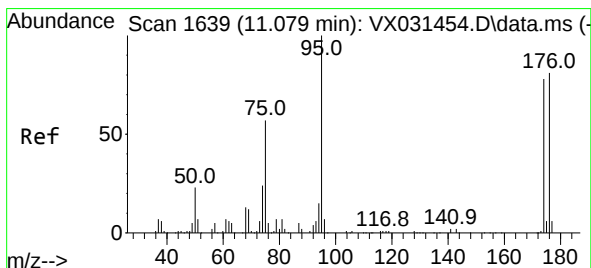
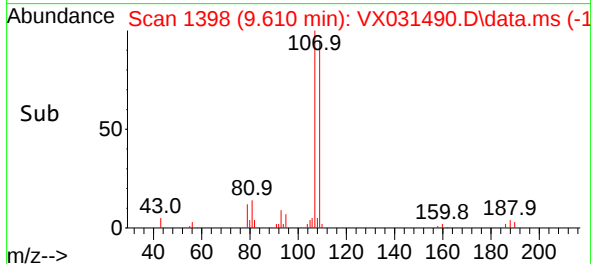
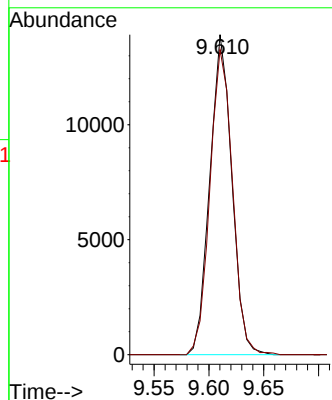
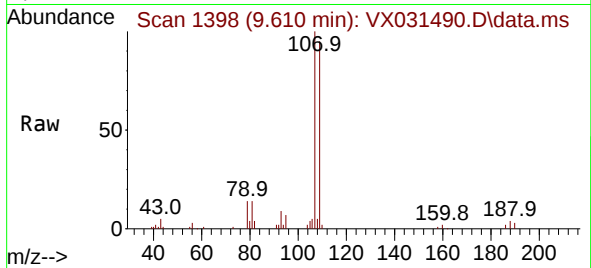
#61
1,2-Dibromoethane
Concen: 18.732 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion:107 Resp: 1944
Ion Ratio Lower Upper
107 100
109 97.6 74.2 111.4

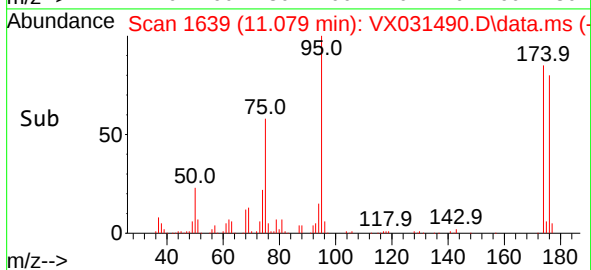
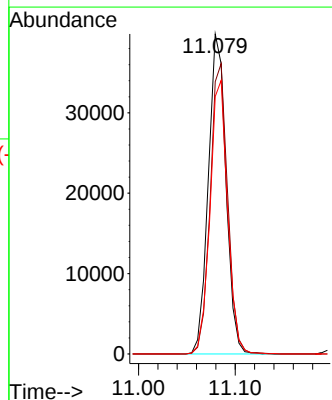
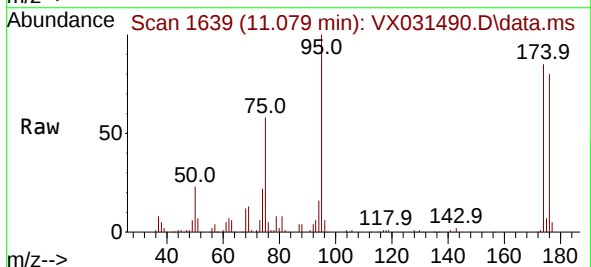
Manual Integrations
APPROVED

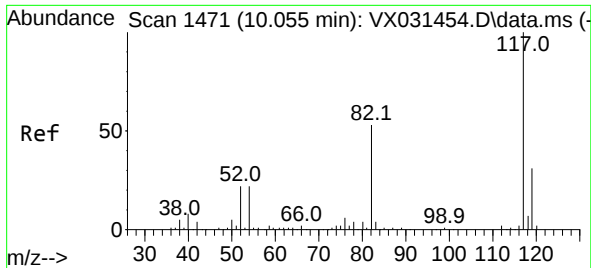
Reviewed By :John Carbone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

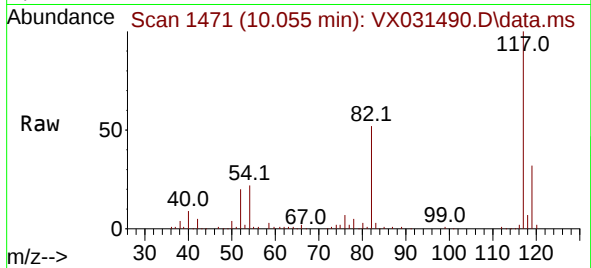
Tgt Ion: 95 Resp: 50429
Ion Ratio Lower Upper
95 100
174 90.2 0.0 153.2
176 85.5 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

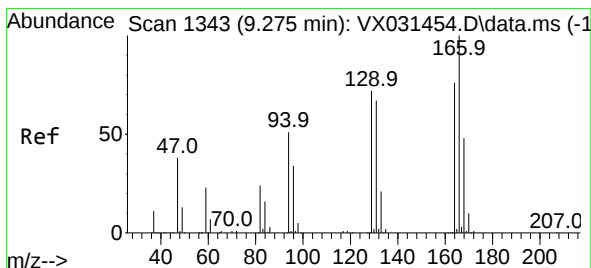
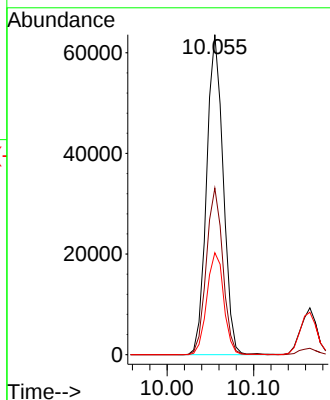
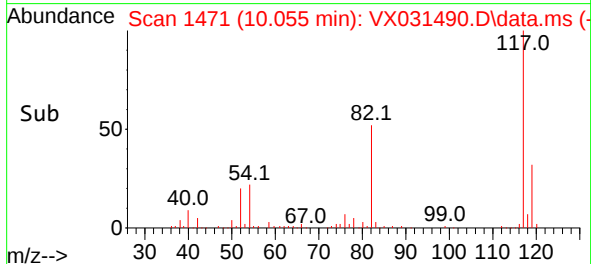
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion:117 Resp: 84492
Ion Ratio Lower Upper
117 100
82 52.1 46.8 70.2
119 31.9 26.4 39.6

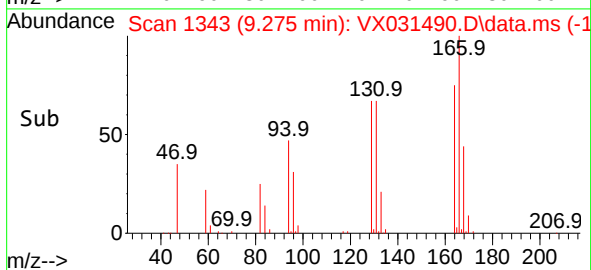
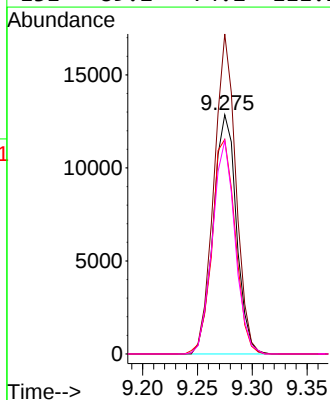
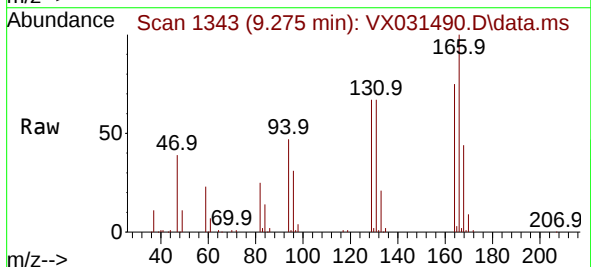
Manual Integrations
APPROVED

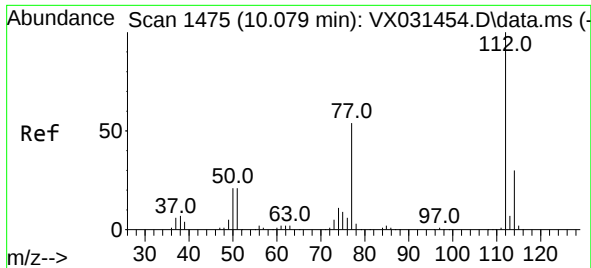
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#64
Tetrachloroethene
Concen: 18.609 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

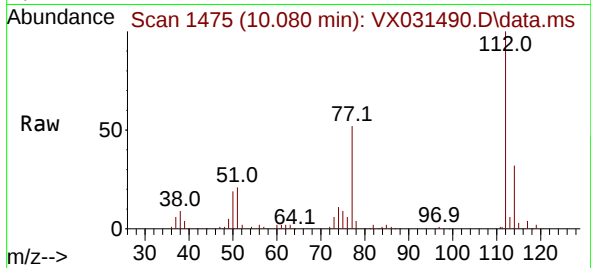
Tgt Ion:164 Resp: 18885
Ion Ratio Lower Upper
164 100
166 133.8 99.0 148.4
129 89.7 78.0 117.0
131 89.2 74.2 111.2





#65
Chlorobenzene
Concen: 18.541 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

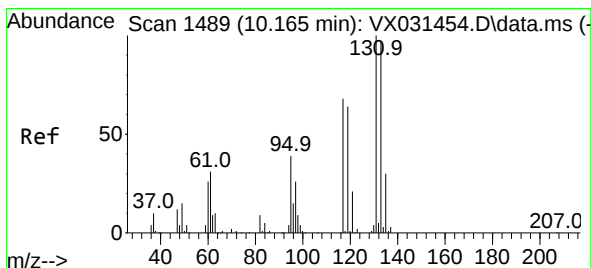
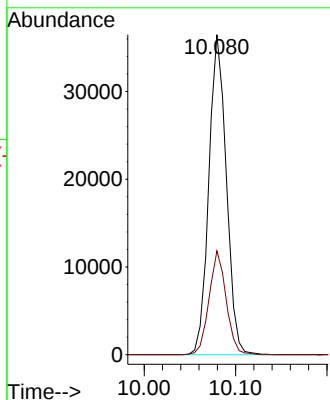
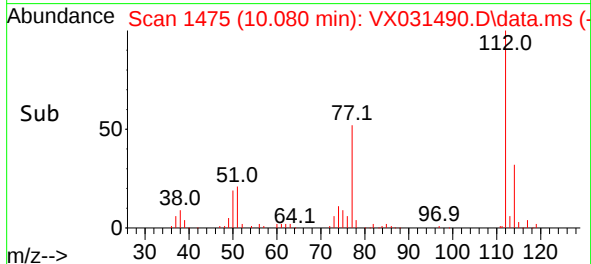
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion:112 Resp: 48309
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

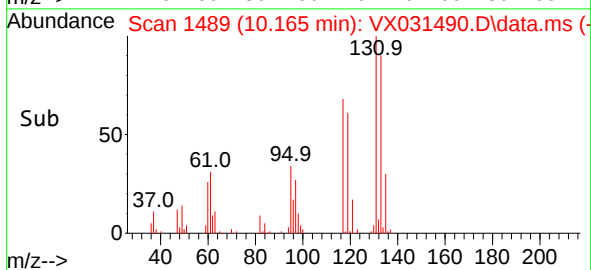
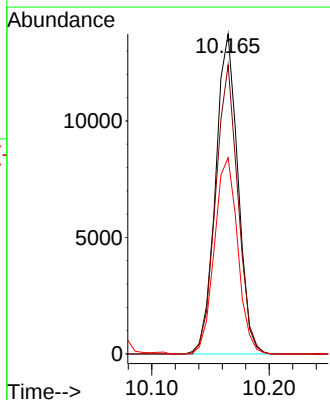
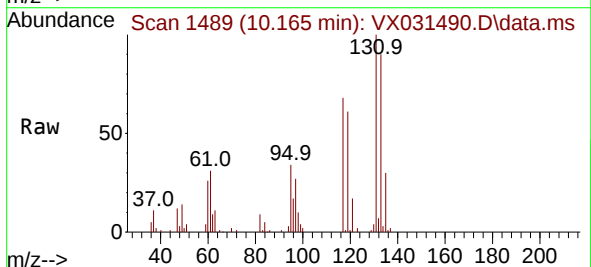
Manual Integrations
APPROVED

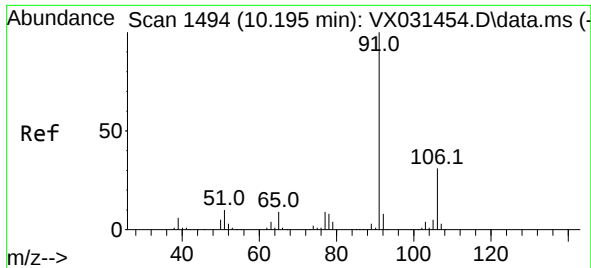
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion:131 Resp: 18180
Ion Ratio Lower Upper
131 100
133 89.9 46.6 139.7
119 63.6 31.9 95.9





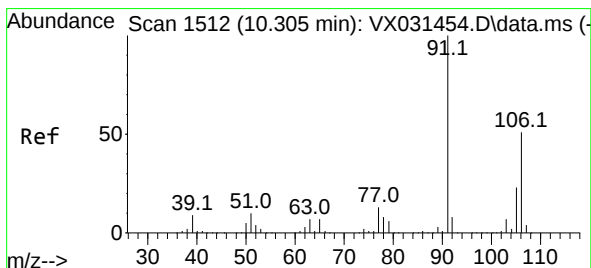
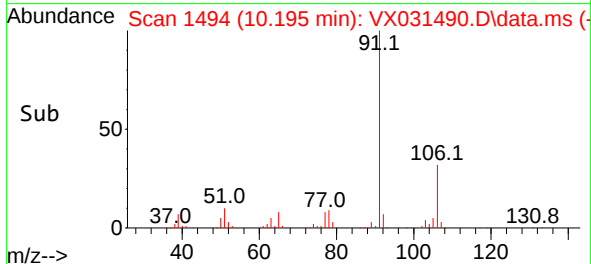
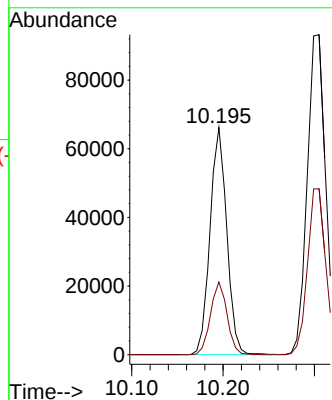
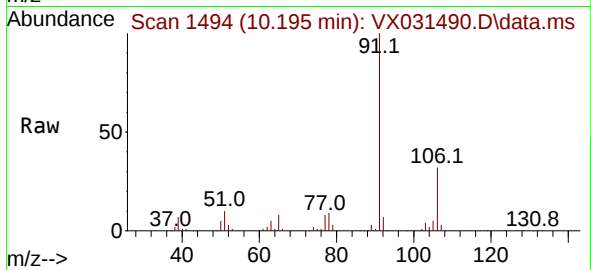
#67
Ethyl Benzene
Concen: 18.282 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion: 91 Resp: 8410
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8

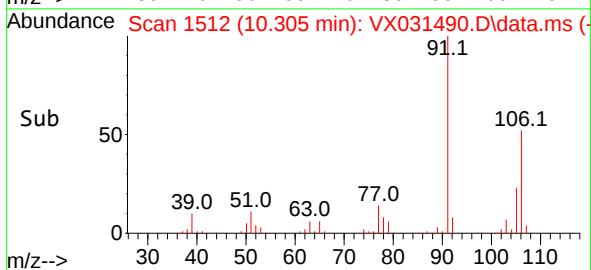
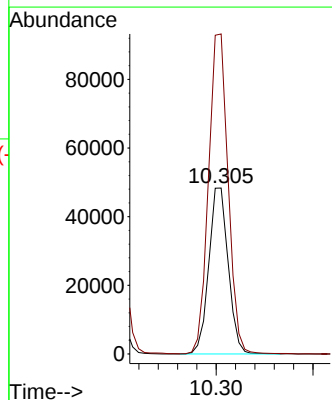
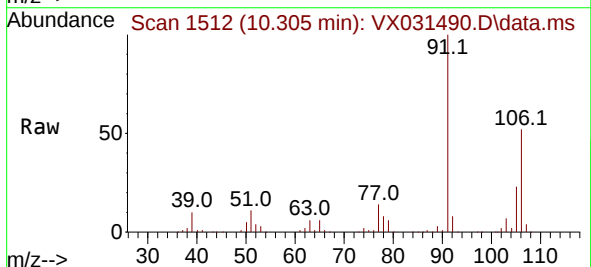
Manual Integrations
APPROVED

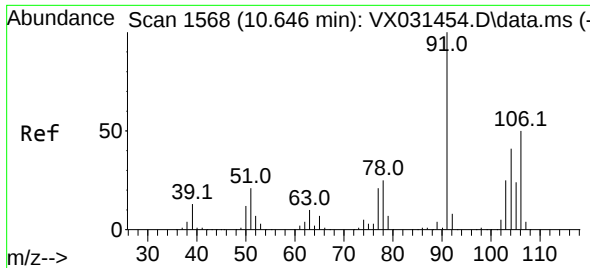
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#68
m/p-Xylenes
Concen: 36.412 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion:106 Resp: 67318
Ion Ratio Lower Upper
106 100
91 194.9 161.0 241.4





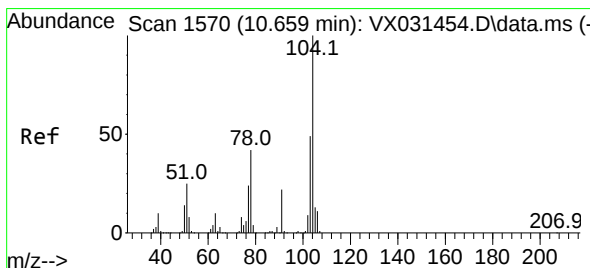
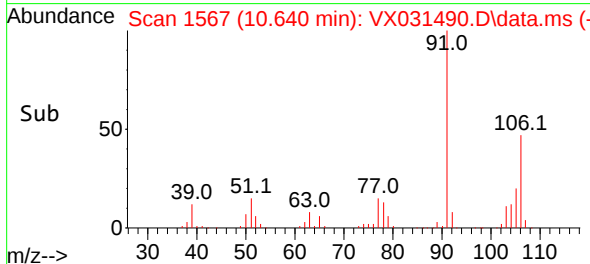
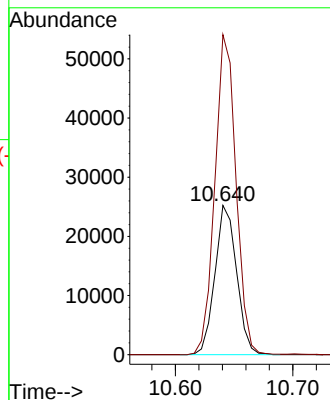
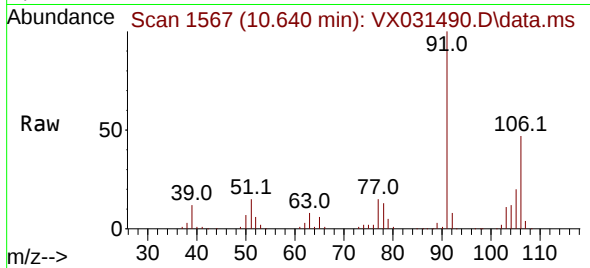
#69
o-Xylene
Concen: 18.325 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion:106 Resp: 3233
Ion Ratio Lower Upper
106 100
91 209.3 107.2 321.6

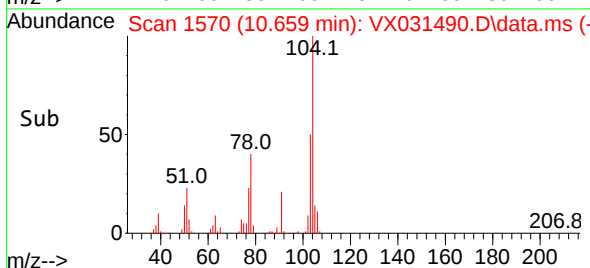
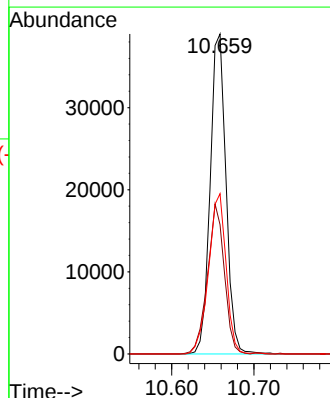
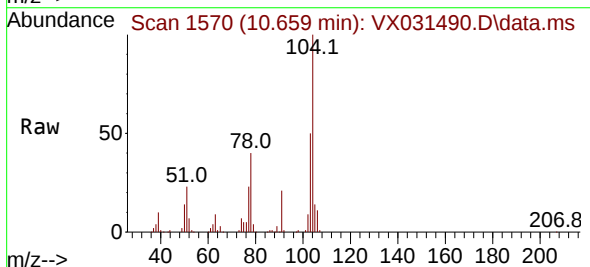
Manual Integrations
APPROVED

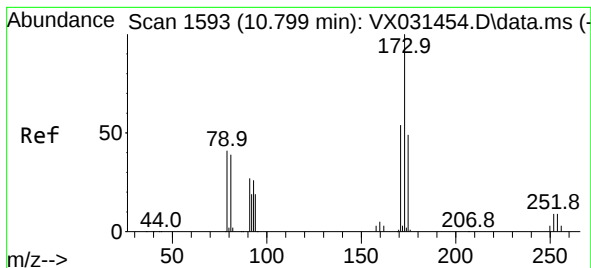
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#70
Styrene
Concen: 17.934 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

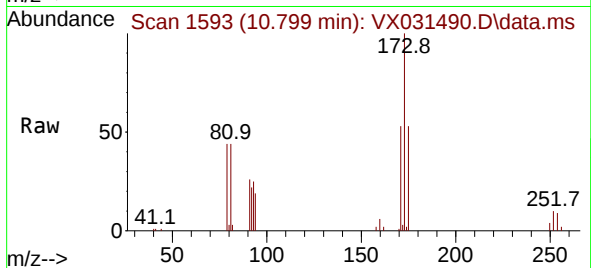
Tgt Ion:104 Resp: 52105
Ion Ratio Lower Upper
104 100
78 49.9 41.4 62.2
103 55.4 43.8 65.8





#71
Bromoform
Concen: 17.722 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

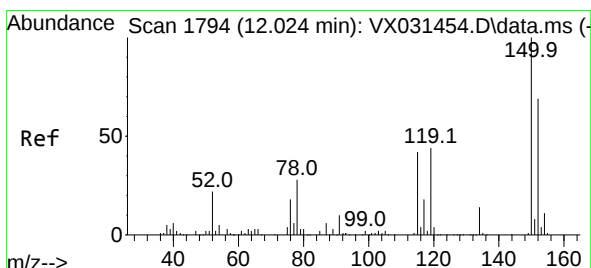
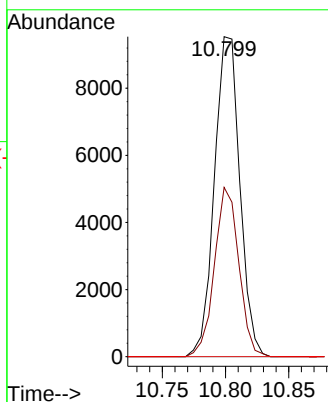
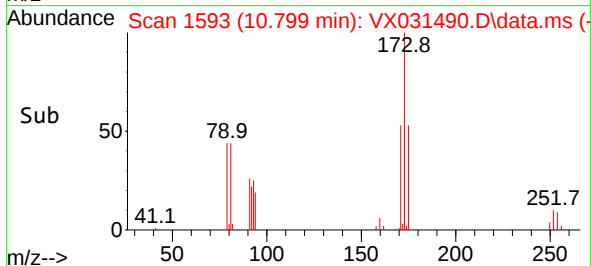
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



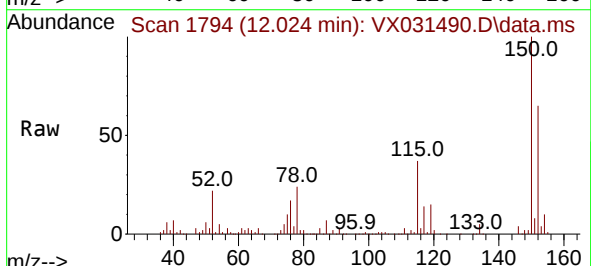
Tgt Ion:173 Resp: 13330
Ion Ratio Lower Upper
173 100
175 50.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

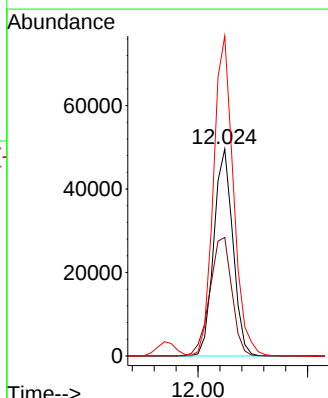
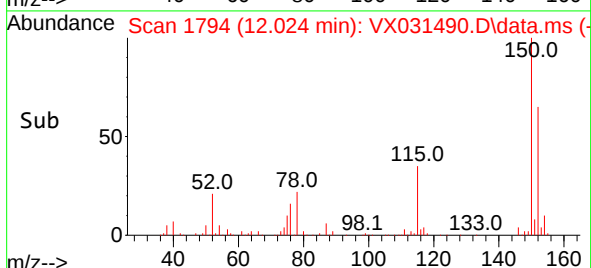
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

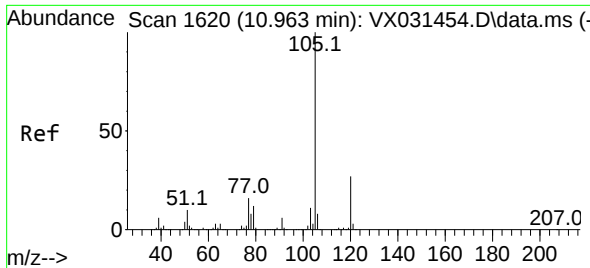


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



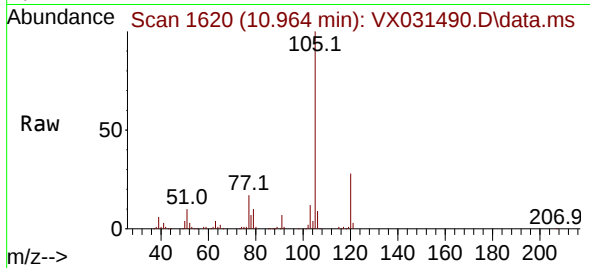
Tgt Ion:152 Resp: 59970
Ion Ratio Lower Upper
152 100
115 66.0 43.4 130.1
150 161.5 0.0 346.8





#73
Isopropylbenzene
Concen: 18.769 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

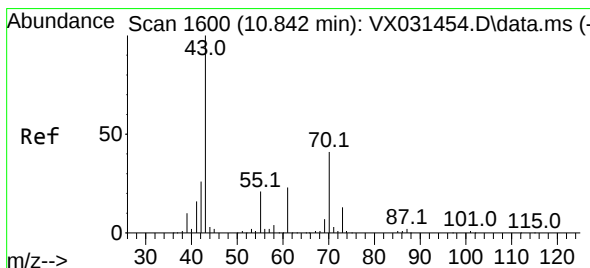
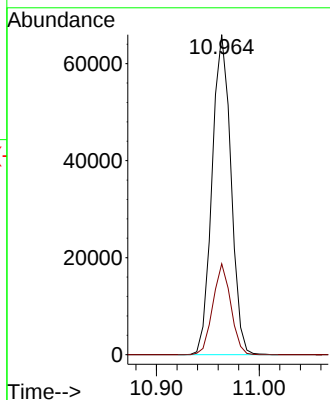
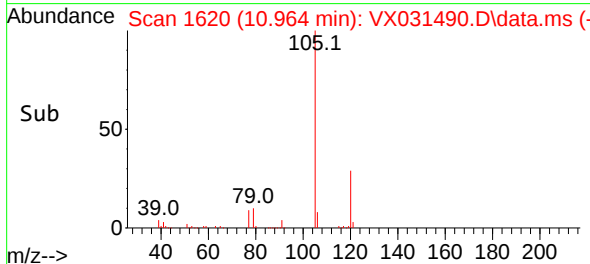
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 105 Resp: 8405
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.0

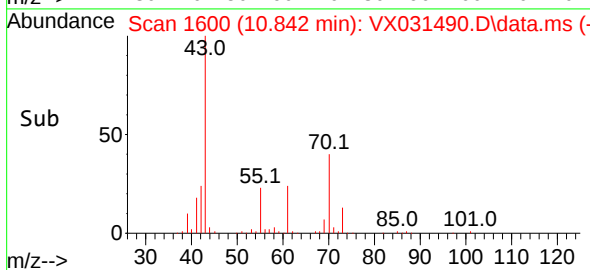
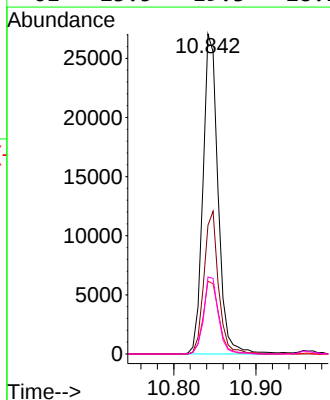
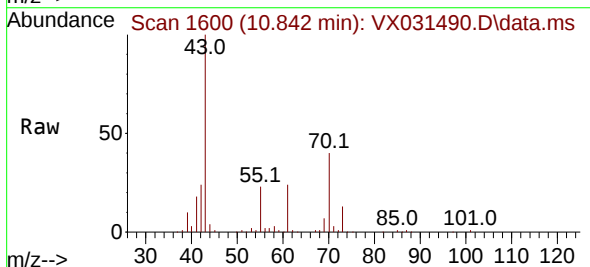
Manual Integrations
APPROVED

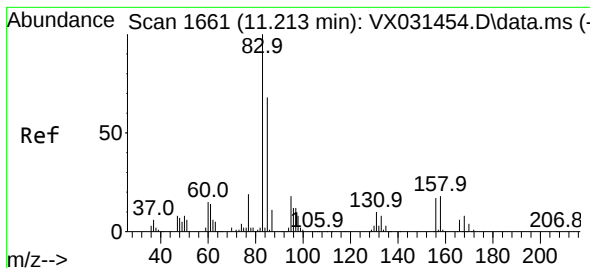
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#74
N-ethyl acetate
Concen: 19.035 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

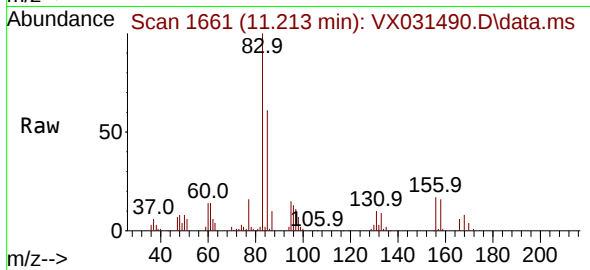
Tgt Ion: 43 Resp: 34551
Ion Ratio Lower Upper
43 100
70 42.8 33.4 50.2
55 23.6 18.2 27.2
61 23.5 19.3 28.9





#75
1,1,2,2-Tetrachloroethane
Concen: 22.753 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

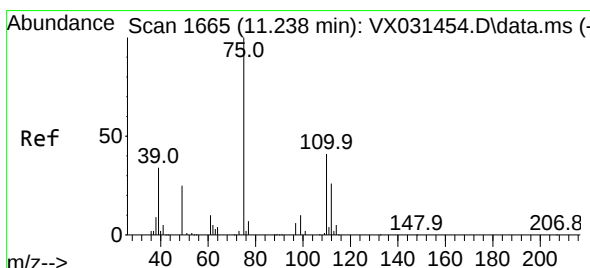
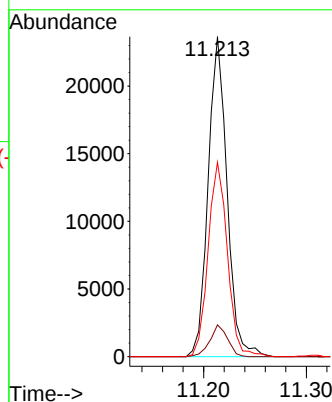
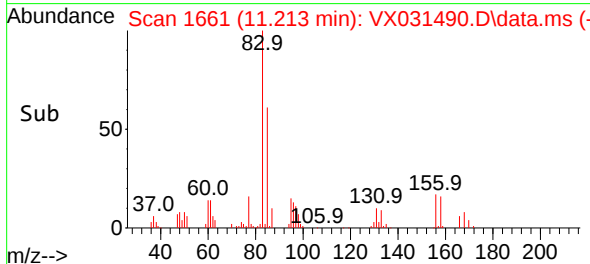
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



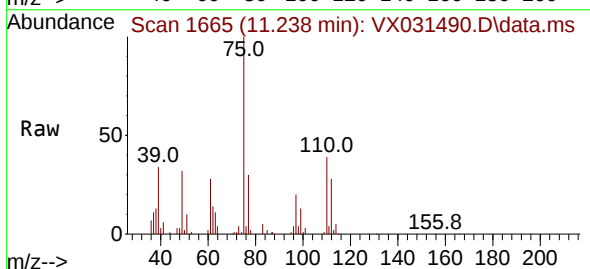
Tgt Ion: 83 Resp: 30219
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.4
85 61.9 32.6 97.8

Manual Integrations
APPROVED

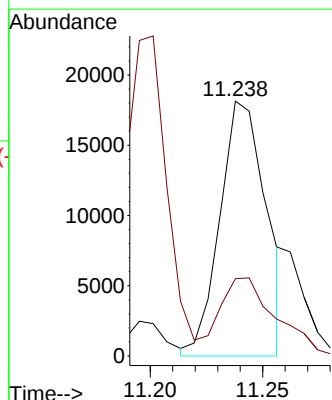
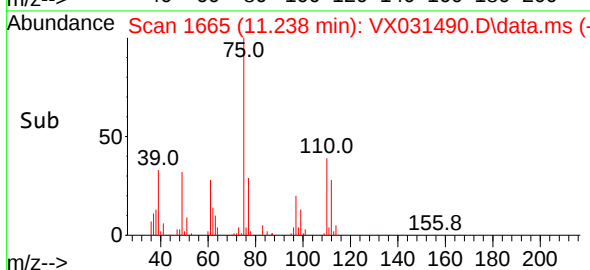
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

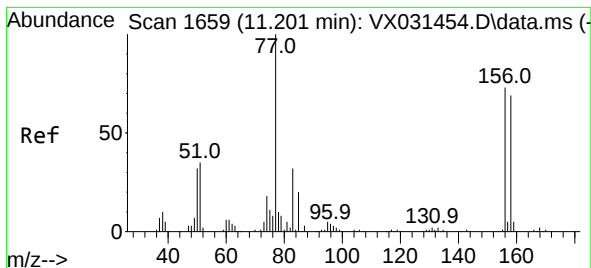


#76
1,2,3-Trichloropropane
Concen: 19.322 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion: 75 Resp: 25862
Ion Ratio Lower Upper
75 100
77 37.8 20.3 60.9





#77

Bromobenzene

Concen: 18.832 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBS01

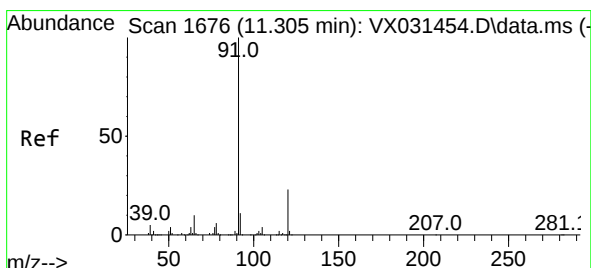
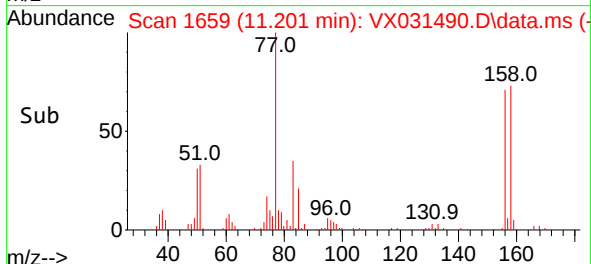
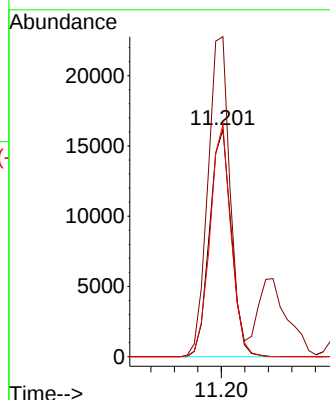
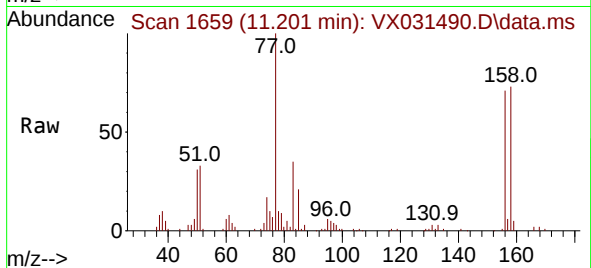
Tgt Ion:	156	Resp:	20780
Ion Ratio	Lower	Upper	
156	100		
77	143.3	79.5	238.6
158	98.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2022

Supervised By :Mahesh Dadoda 09/21/2022



#78

n-propylbenzene

Concen: 19.085 ug/l

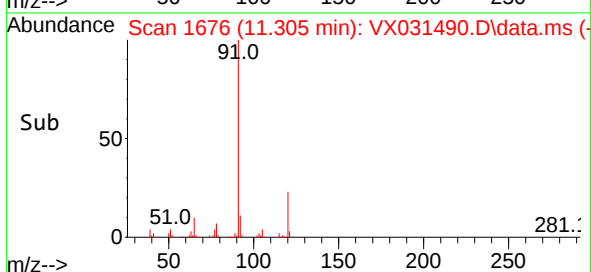
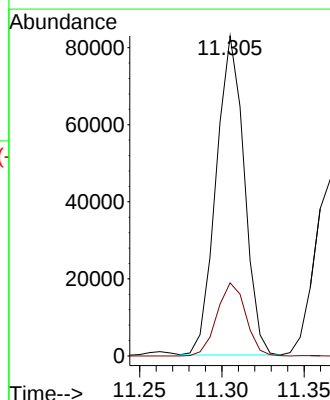
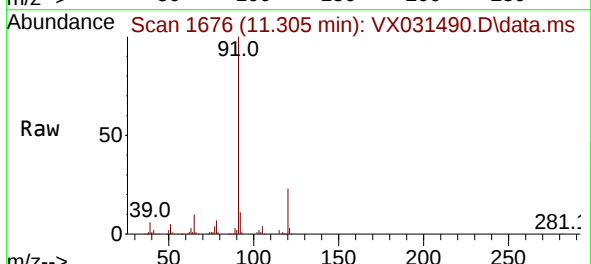
RT: 11.305 min Scan# 1676

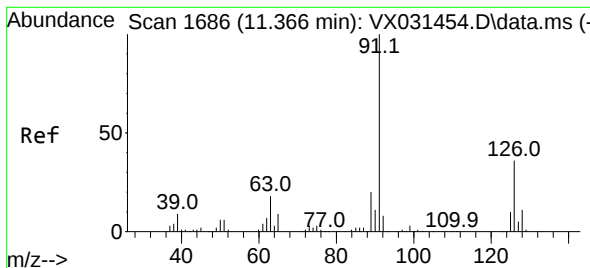
Delta R.T. -0.000 min

Lab File: VX031490.D

Acq: 20 Sep 2022 12:31

Tgt Ion:	91	Resp:	98331
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.4





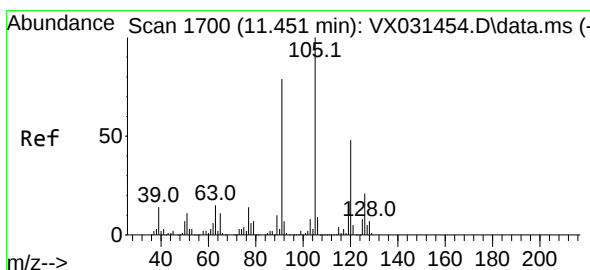
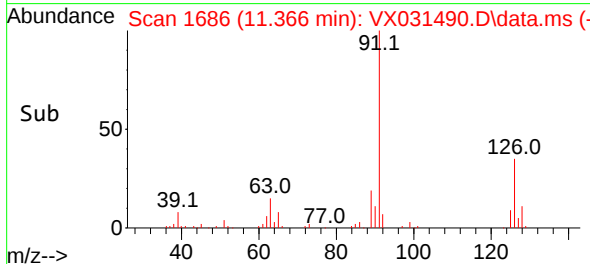
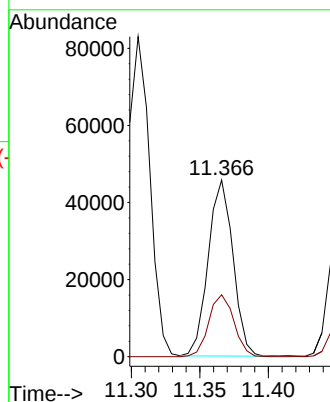
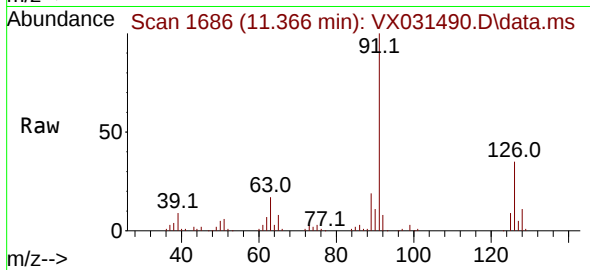
#79
2-Chlorotoluene
Concen: 18.720 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion: 91 Resp: 57409
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3

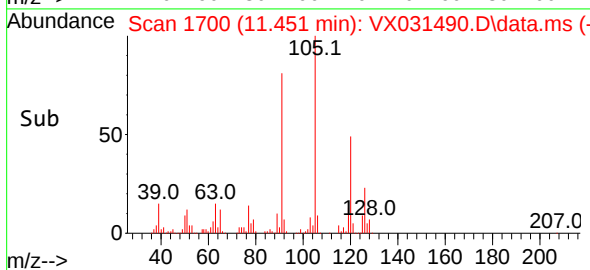
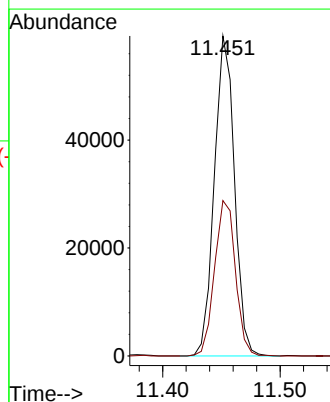
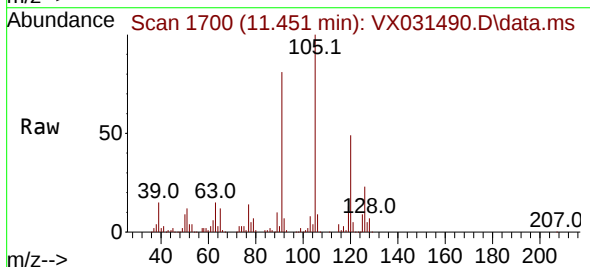
Manual Integrations
APPROVED

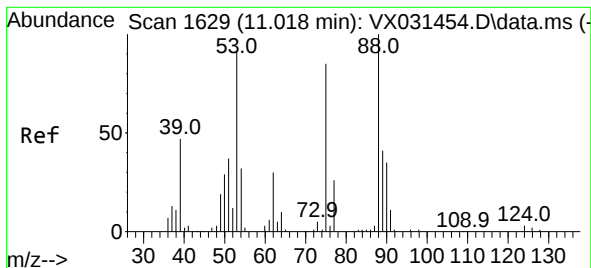
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.538 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

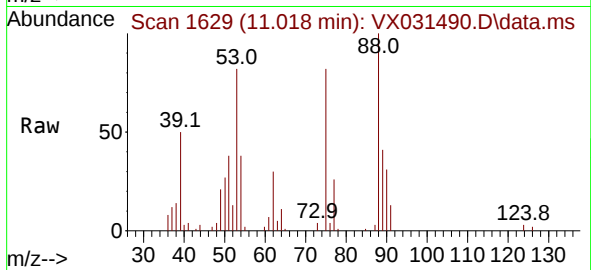
Tgt Ion:105 Resp: 70454
Ion Ratio Lower Upper
105 100
120 50.5 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.547 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

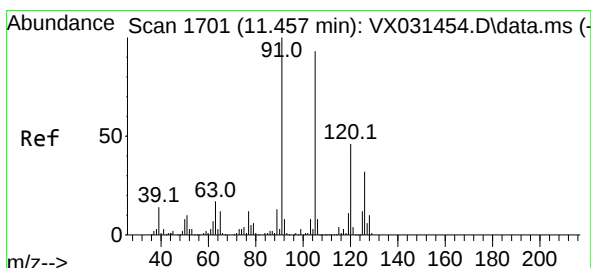
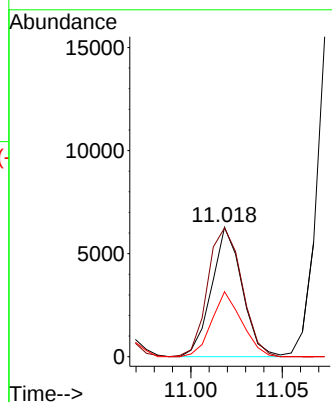
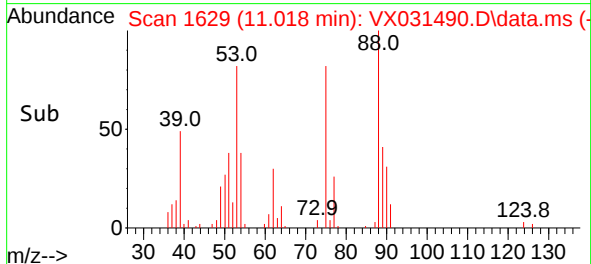
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion: 75 Resp: 7294
Ion Ratio Lower Upper
75 100
53 111.4 77.6 116.4
89 49.4 37.4 56.0

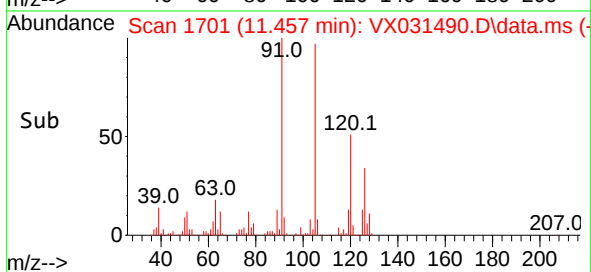
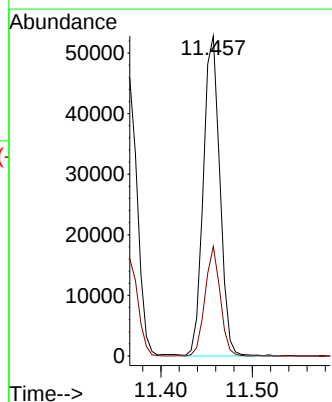
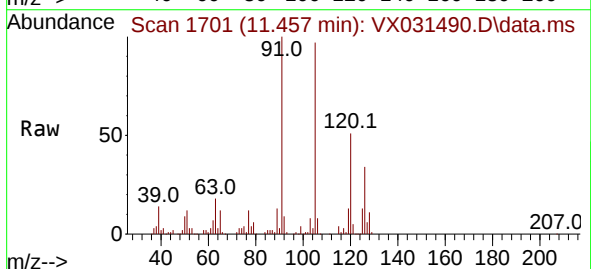
Manual Integrations
APPROVED

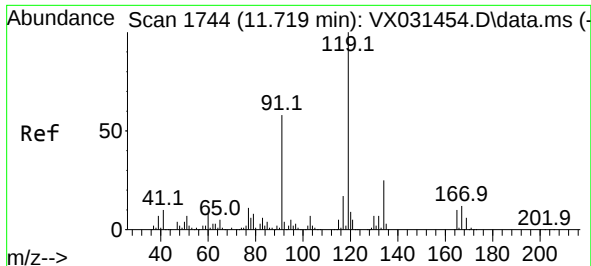
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#82
4-Chlorotoluene
Concen: 18.433 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

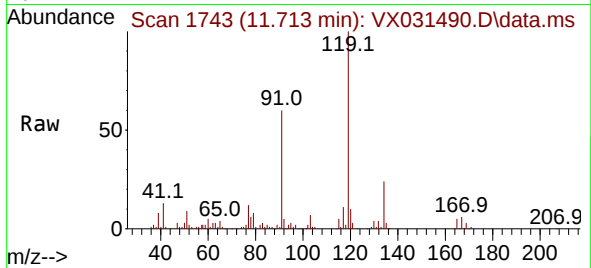
Tgt Ion: 91 Resp: 66339
Ion Ratio Lower Upper
91 100
126 31.3 15.1 45.3





#83
tert-Butylbenzene
Concen: 19.163 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

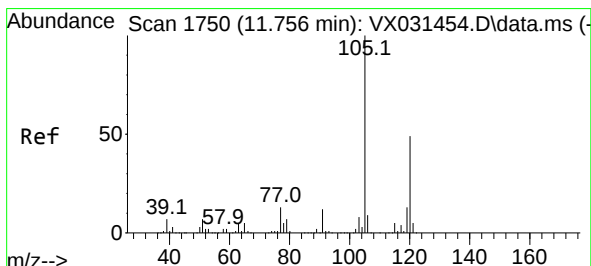
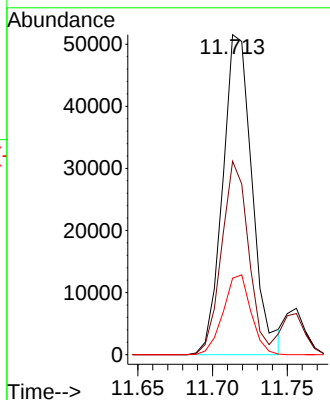
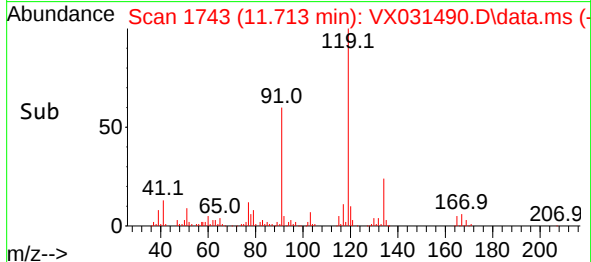
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



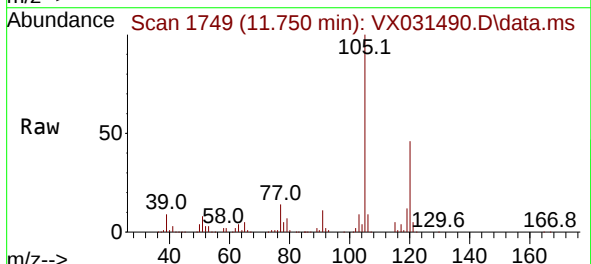
Tgt Ion:119 Resp: 7058
Ion Ratio Lower Upper
119 100
91 55.4 29.2 87.6
134 23.5 11.6 34.8

Manual Integrations
APPROVED

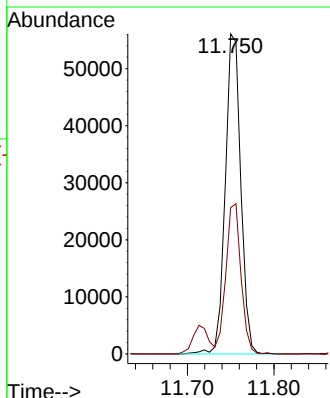
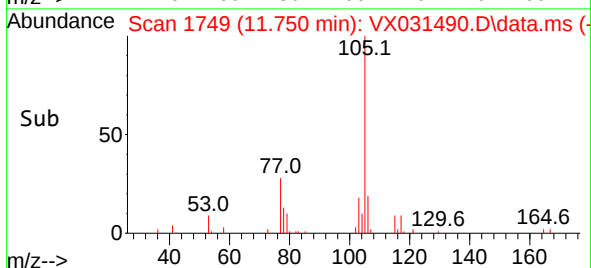
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

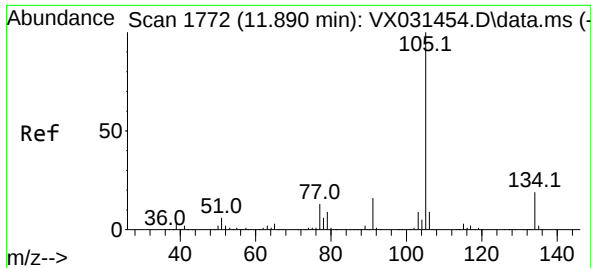


#84
1,2,4-Trimethylbenzene
Concen: 18.624 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



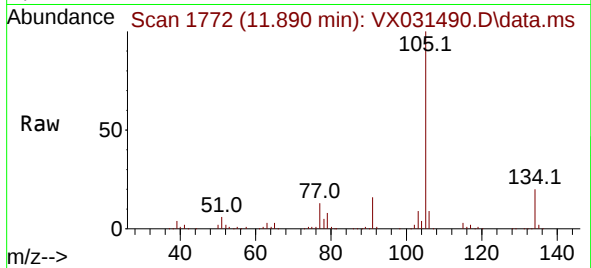
Tgt Ion:105 Resp: 69709
Ion Ratio Lower Upper
105 100
120 45.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 18.876 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31

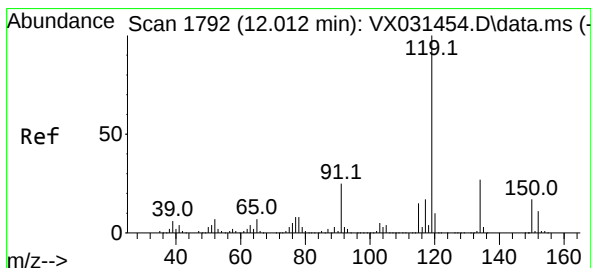
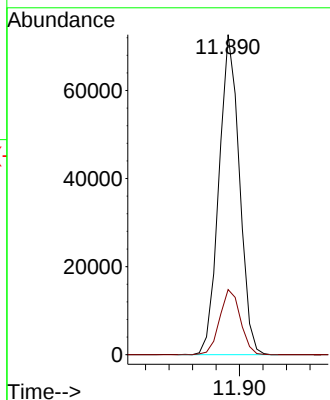
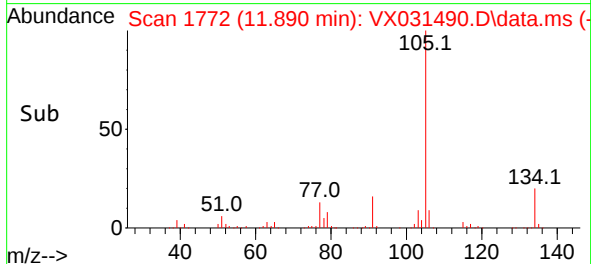
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBS01



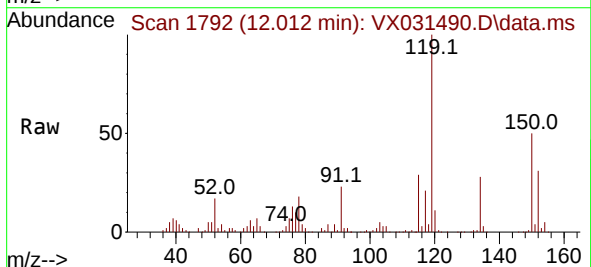
Tgt Ion:105 Resp: 87990
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

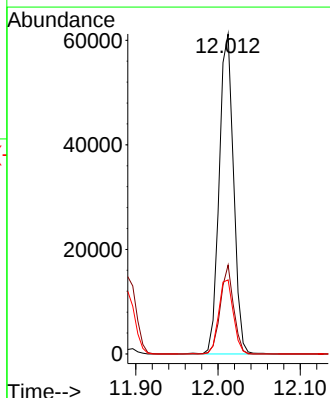
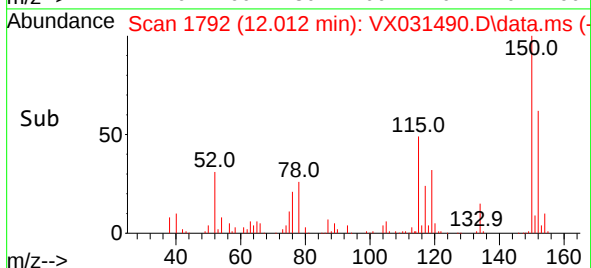
Reviewed By :John Carlone 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

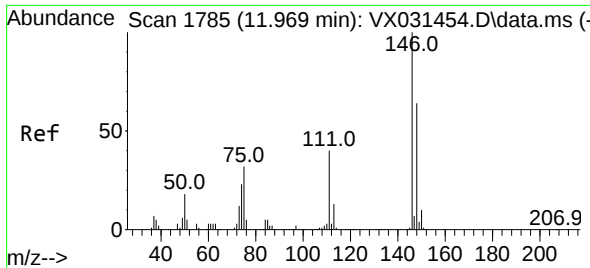


#86
 p-Isopropyltoluene
 Concen: 18.860 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031490.D
 Acq: 20 Sep 2022 12:31



Tgt Ion:119 Resp: 74243
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.4 40.2
 91 23.7 12.4 37.2





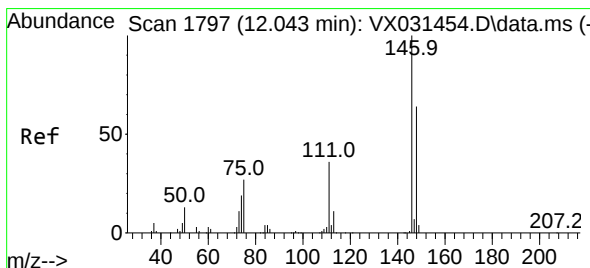
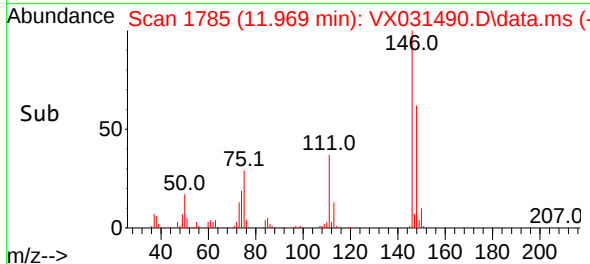
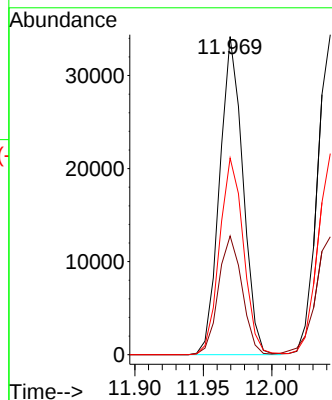
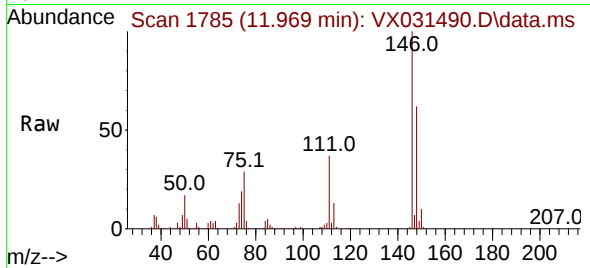
#87
1,3-Dichlorobenzene
Concen: 19.062 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion:146 Resp: 40320
Ion Ratio Lower Upper
146 100
111 37.9 19.8 59.4
148 63.8 31.5 94.5

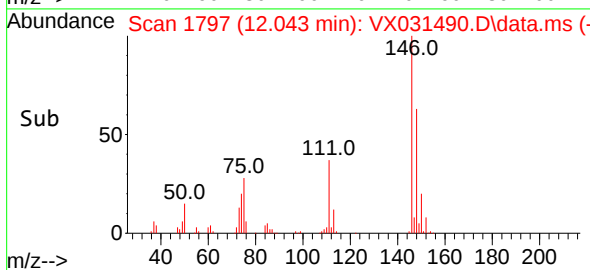
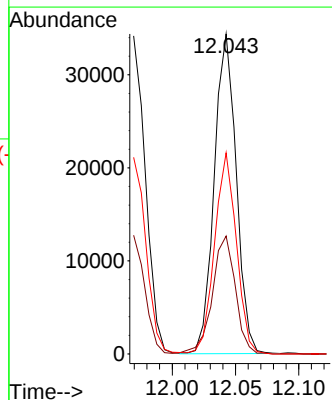
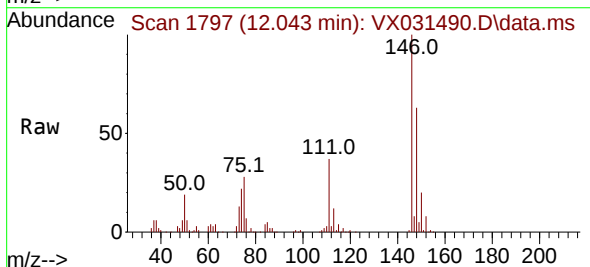
Manual Integrations
APPROVED

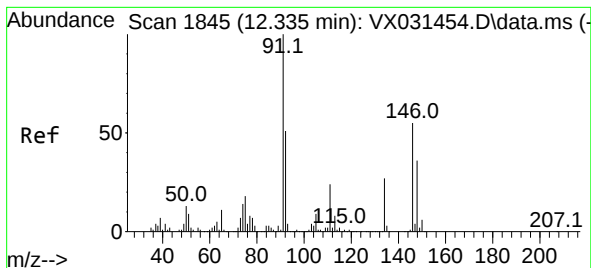
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#88
1,4-Dichlorobenzene
Concen: 18.807 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Tgt Ion:146 Resp: 41499
Ion Ratio Lower Upper
146 100
111 38.7 20.5 61.5
148 62.4 32.0 96.2





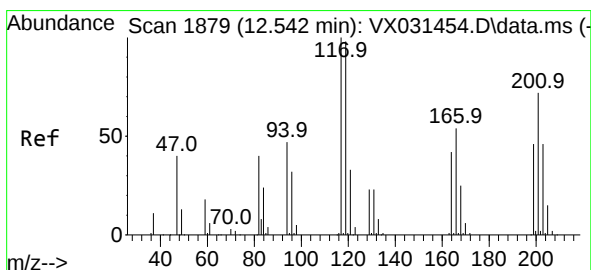
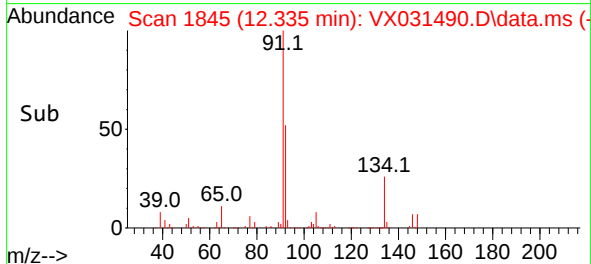
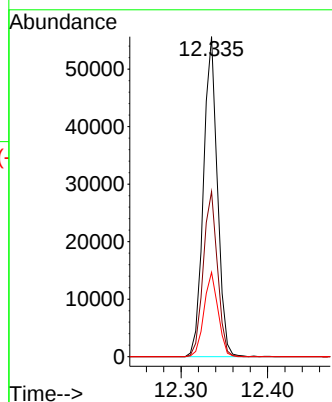
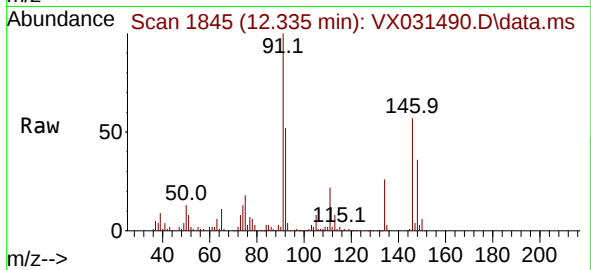
#89
n-Butylbenzene
Concen: 18.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01

Tgt Ion: 91 Resp: 6211
Ion Ratio Lower Upper
91 100
92 52.5 27.0 81.0
134 26.5 13.3 39.9

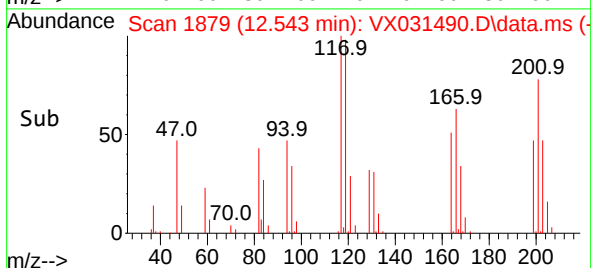
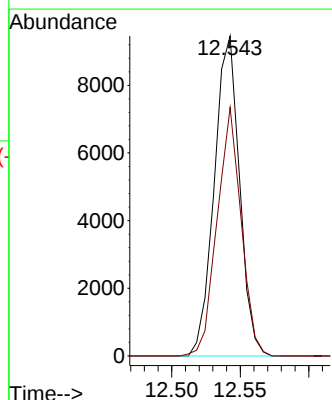
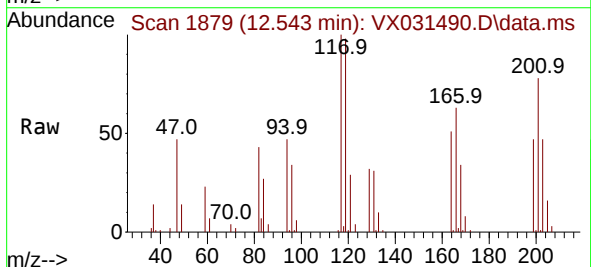
Manual Integrations
APPROVED

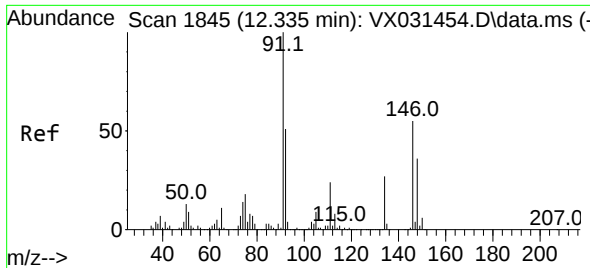
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#90
Hexachloroethane
Concen: 17.893 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.001 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

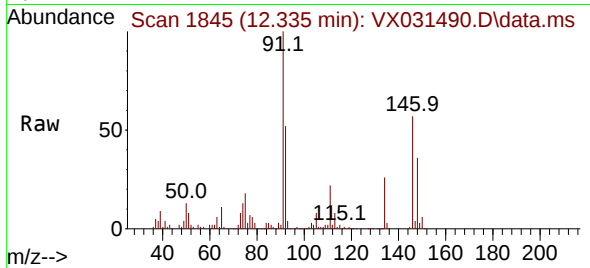
Tgt Ion:117 Resp: 12103
Ion Ratio Lower Upper
117 100
201 73.9 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 18.559 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

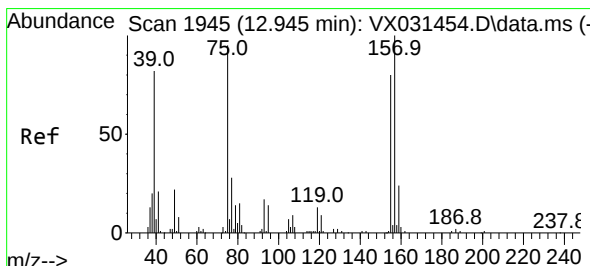
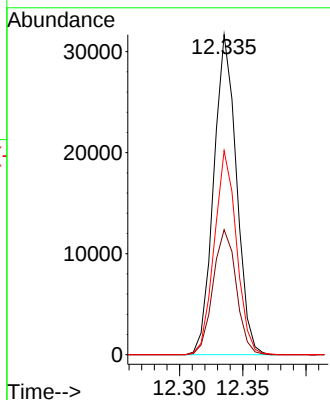
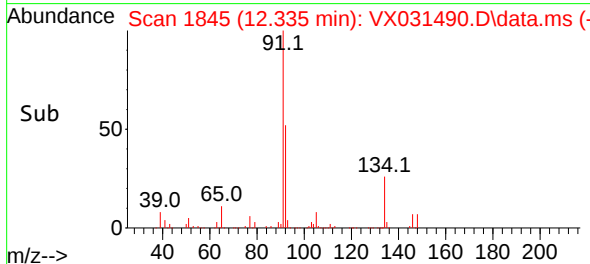
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



Tgt Ion:146 Resp: 39538
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 62.3 31.6 95.0

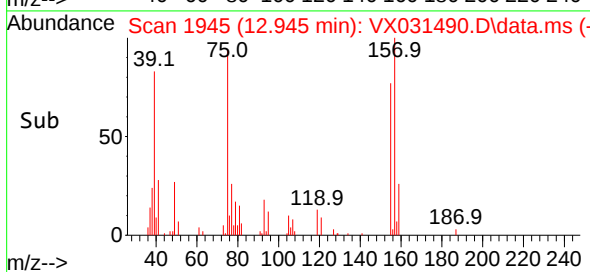
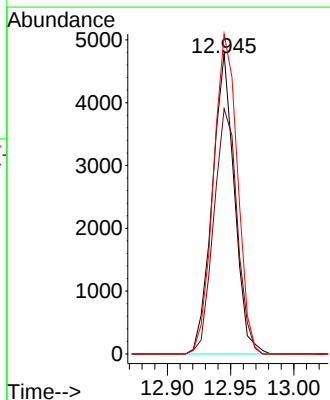
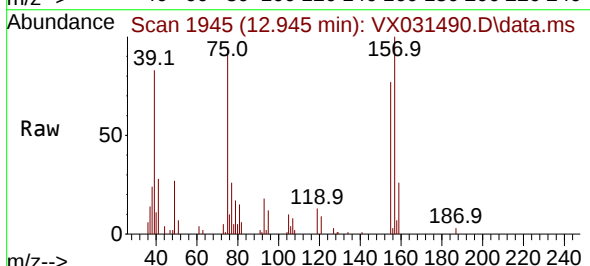
Manual Integrations
APPROVED

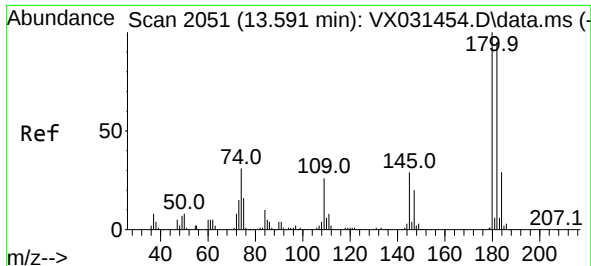
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.861 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

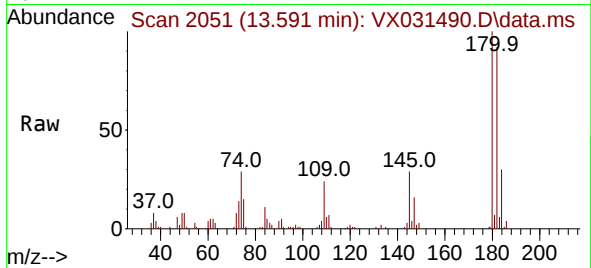
Tgt Ion: 75 Resp: 5804
Ion Ratio Lower Upper
75 100
155 86.6 40.3 120.8
157 115.7 51.5 154.5





#93
1,2,4-Trichlorobenzene
Concen: 19.752 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

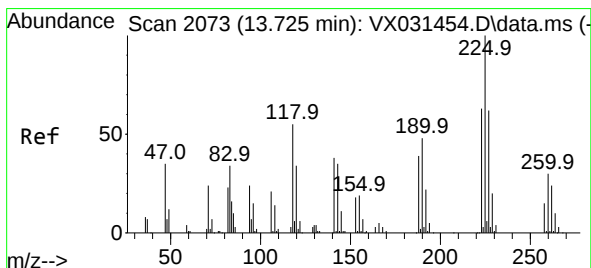
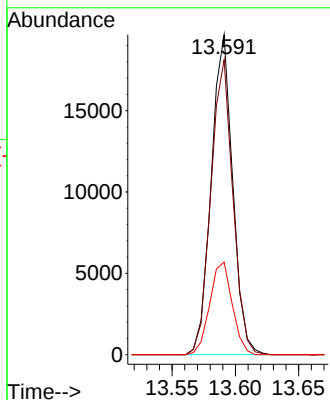
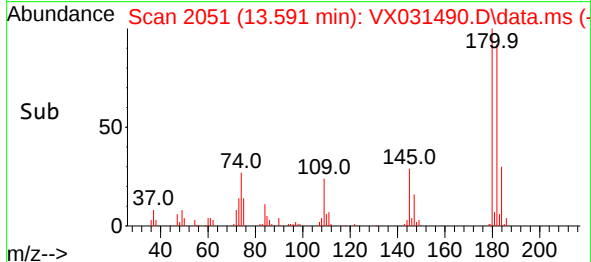
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



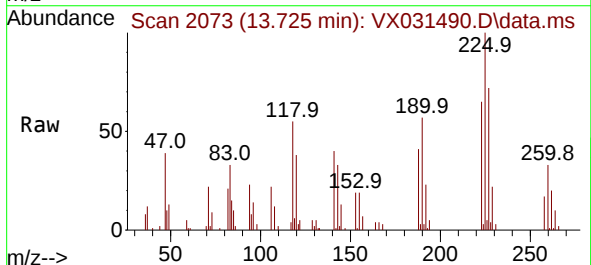
Tgt Ion:180 Resp: 23180
Ion Ratio Lower Upper
180 100
182 94.1 46.9 140.6
145 30.4 16.7 50.1

Manual Integrations
APPROVED

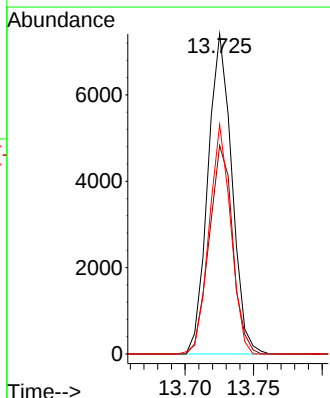
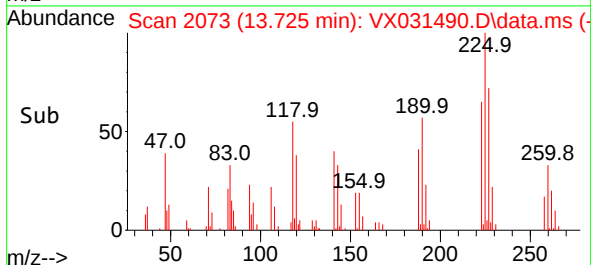
Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

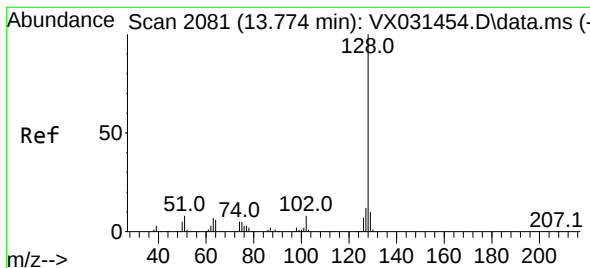


#94
Hexachlorobutadiene
Concen: 19.426 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



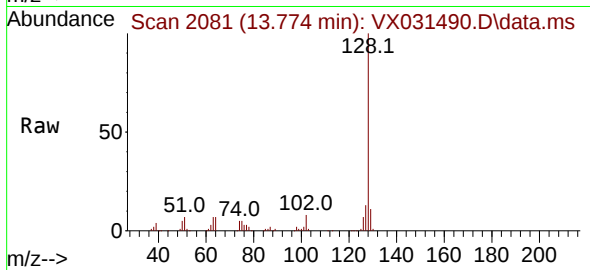
Tgt Ion:225 Resp: 8978
Ion Ratio Lower Upper
225 100
223 64.0 30.8 92.4
227 65.0 32.3 96.9





#95
Naphthalene
Concen: 19.446 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31

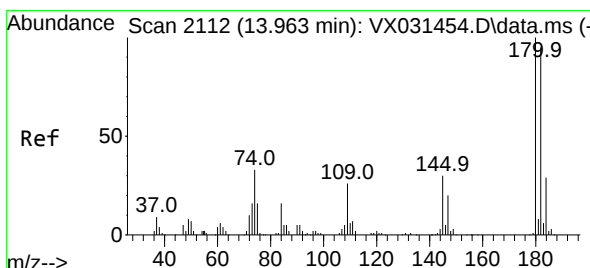
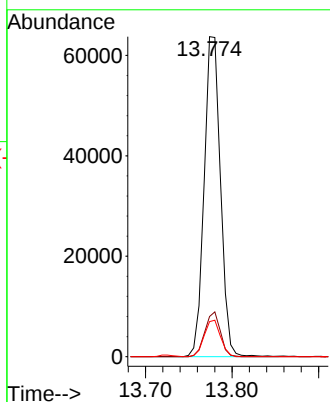
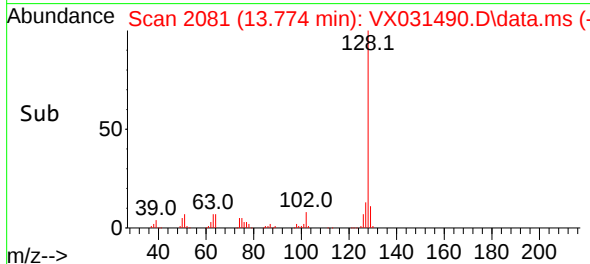
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBS01



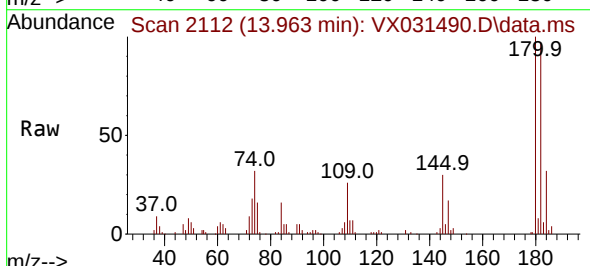
Tgt Ion:128 Resp: 83602
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.4 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.828 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031490.D
Acq: 20 Sep 2022 12:31



Tgt Ion:180 Resp: 23990
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.8
145 31.1 17.6 52.8

