

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030361.D
 Acq On : 03 Aug 2022 11:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/04/2022
 Supervised By : Mahesh Dadoda 08/04/2022

Quant Time: Aug 03 15:50:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	92906	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	158234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100879	54.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.040%			
35) Dibromofluoromethane	5.391	113	76312	50.450	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	8.653	98	276020	47.119	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.240%			
62) 4-Bromofluorobenzene	11.085	95	110877	51.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	81533	53.482	ug/l	96
3) Chloromethane	1.288	50	64102	42.521	ug/l	99
4) Vinyl Chloride	1.374	62	74479	48.949	ug/l	97
5) Bromomethane	1.599	94	35567	68.814	ug/l	99
6) Chloroethane	1.672	64	47639	54.528	ug/l	100
7) Trichlorofluoromethane	1.880	101	124662	62.186	ug/l	98
8) Diethyl Ether	2.136	74	44613	56.831	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	77514	52.205	ug/l	98
10) Methyl Iodide	2.447	142	63896	44.334	ug/l	# 90
11) Tert butyl alcohol	2.989	59	141745	311.185	ug/l	100
12) 1,1-Dichloroethene	2.313	96	68111	46.930	ug/l	87
13) Acrolein	2.239	56	21458	191.665	ug/l	99
14) Allyl chloride	2.660	41	145832	48.694	ug/l	94
15) Acrylonitrile	3.069	53	269282	239.226	ug/l	96
16) Acetone	2.386	43	253784	265.455	ug/l	90
17) Carbon Disulfide	2.508	76	162793	41.553	ug/l	98
18) Methyl Acetate	2.709	43	143763	50.839	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	282205	56.765	ug/l	95
20) Methylene Chloride	2.788	84	81958	50.015	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	76047	47.472	ug/l	91
22) Diisopropyl ether	3.764	45	304221	53.688	ug/l	95
23) Vinyl Acetate	3.727	43	1339179	272.446	ug/l	97
24) 1,1-Dichloroethane	3.611	63	153698	51.045	ug/l	100
25) 2-Butanone	4.562	43	414661	258.106	ug/l	94
26) 2,2-Dichloropropane	4.477	77	138754	63.728	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	92429	49.066	ug/l	90
28) Bromochloromethane	4.898	49	67207	52.833	ug/l	98
29) Tetrahydrofuran	5.013	42	265782	245.878	ug/l	95
30) Chloroform	5.093	83	163508	54.845	ug/l	98
31) Cyclohexane	5.471	56	126786	46.763	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	141928	58.567	ug/l	99
36) 1,1-Dichloropropene	5.690	75	111738	51.330	ug/l	95
37) Ethyl Acetate	4.715	43	156034	50.616	ug/l	96
38) Carbon Tetrachloride	5.678	117	122234	60.148	ug/l	98
39) Methylcyclohexane	7.379	83	131763	46.893	ug/l	96
40) Benzene	6.038	78	331096	48.342	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85035	51.460	ug/l	94
42) 1,2-Dichloroethane	6.092	62	135537	57.270	ug/l	93
43) Isopropyl Acetate	6.342	43	247726	54.818	ug/l	95
44) Trichloroethene	7.123	130	91310	48.791	ug/l	95
45) 1,2-Dichloropropane	7.434	63	90844	49.730	ug/l	99
46) Dibromomethane	7.580	93	64469	51.896	ug/l	93
47) Bromodichloromethane	7.824	83	132714	58.767	ug/l	99
48) Methyl methacrylate	7.696	41	121842	54.778	ug/l	92
49) 1,4-Dioxane	7.671	88	49519	963.899	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	835525	272.342	ug/l	96
52) Toluene	8.720	92	209751	50.196	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	144457	59.341	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	147151	55.470	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	90640	50.946	ug/l	96
56) Ethyl methacrylate	9.116	69	153991	54.751	ug/l	91
57) 1,3-Dichloropropane	9.311	76	150592	51.278	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	397201	284.558	ug/l	97
59) 2-Hexanone	9.433	43	664685	274.616	ug/l	94
60) Dibromochloromethane	9.525	129	100556	61.055	ug/l	100
61) 1,2-Dibromoethane	9.610	107	98019	52.762	ug/l	97
64) Tetrachloroethene	9.275	164	89167	51.227	ug/l	97
65) Chlorobenzene	10.079	112	227426	51.783	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	87985	58.932	ug/l	99
67) Ethyl Benzene	10.195	91	425550	50.514	ug/l	97
68) m/p-Xylenes	10.305	106	318354	107.002	ug/l	89
69) o-Xylene	10.646	106	156480	53.363	ug/l	88
70) Styrene	10.659	104	271615	56.379	ug/l	94
71) Bromoform	10.799	173	71523	65.162	ug/l #	98
73) Isopropylbenzene	10.963	105	427288	49.044	ug/l	98
74) N-amyl acetate	10.848	43	230443	54.422	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	148950	46.709	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	150885m	51.291	ug/l	
77) Bromobenzene	11.201	156	97444	47.652	ug/l	94
78) n-propylbenzene	11.305	91	523016	50.297	ug/l	99
79) 2-Chlorotoluene	11.366	91	311165	47.386	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	373263	51.165	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	51340	52.355	ug/l	88
82) 4-Chlorotoluene	11.457	91	368789	51.402	ug/l	96
83) tert-Butylbenzene	11.713	119	351690	52.011	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	382753	52.589	ug/l	95
85) sec-Butylbenzene	11.890	105	479055	51.762	ug/l	98
86) p-Isopropyltoluene	12.012	119	414577	55.991	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	203369	51.137	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	210312	51.949	ug/l	97
89) n-Butylbenzene	12.335	91	402694	58.416	ug/l	99
90) Hexachloroethane	12.542	117	76633	60.111	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	209041	53.552	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48498	63.410	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	129253	57.098	ug/l	96
94) Hexachlorobutadiene	13.725	225	53263	58.599	ug/l	98
95) Naphthalene	13.780	128	509955	57.672	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	135855	58.518	ug/l	99

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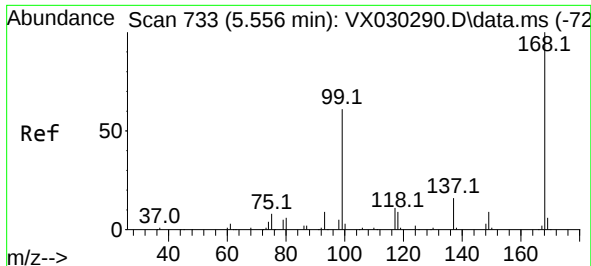
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APPROVED

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Quant Title : SW846 8260
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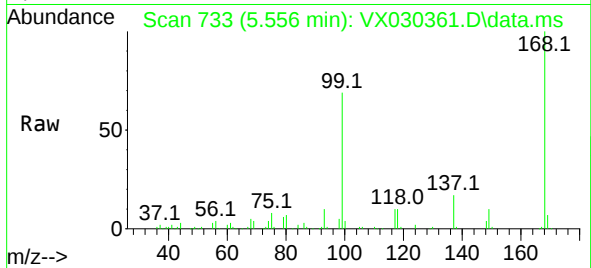
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
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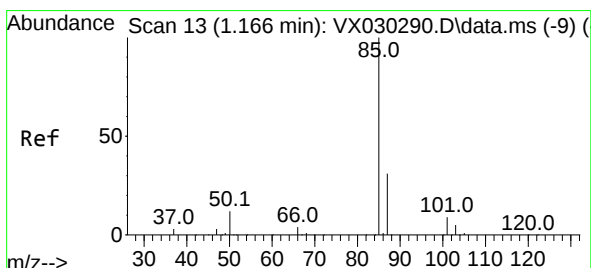
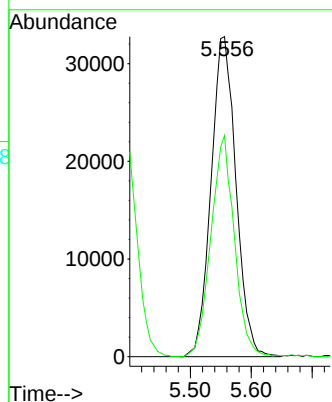
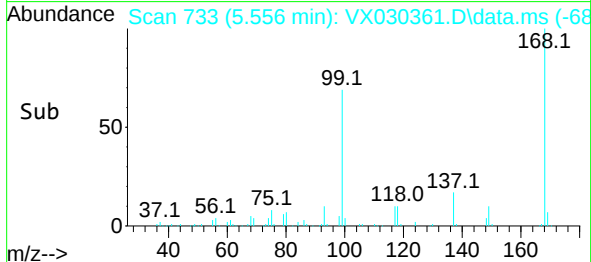
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MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 92900
Ion Ratio Lower Upper
168 100
99 69.1 44.0 66.0

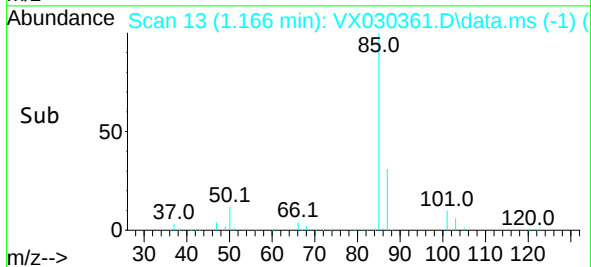
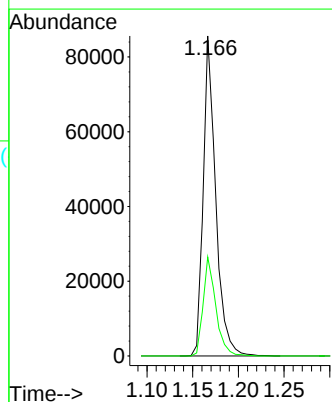
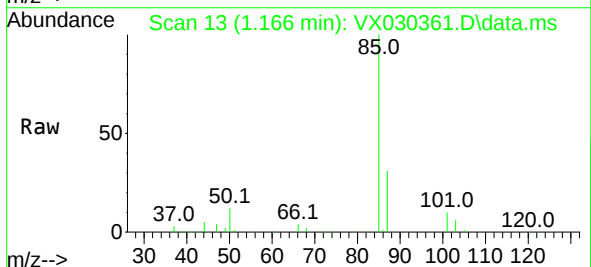
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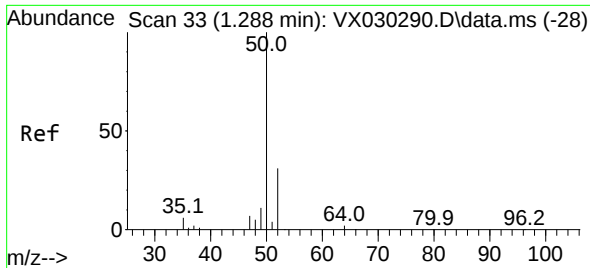
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#2
Dichlorodifluoromethane
Concen: 53.482 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

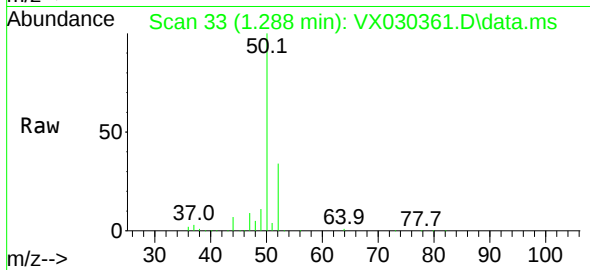
Tgt Ion: 85 Resp: 81533
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





#3
Chloromethane
Concen: 42.521 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

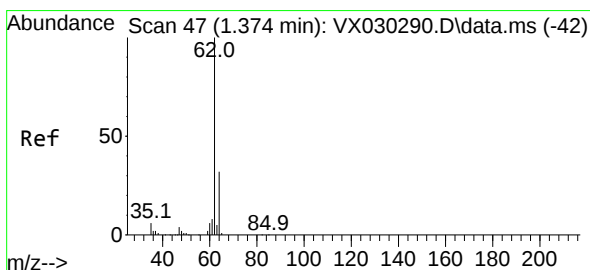
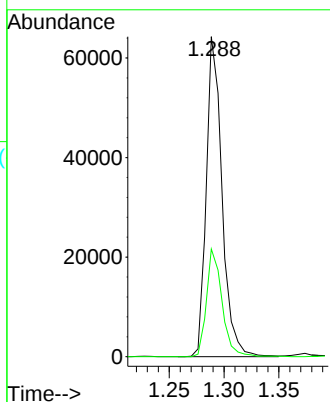
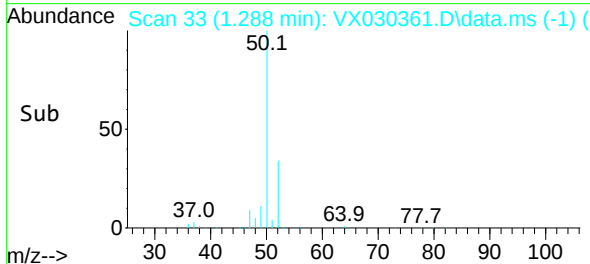
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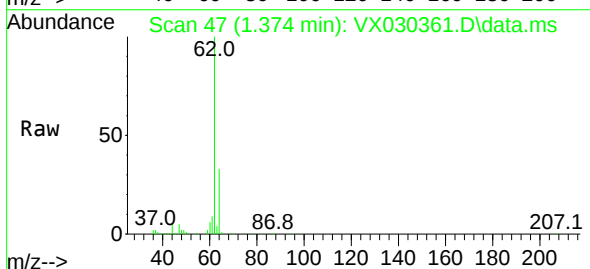
Tgt Ion: 50 Resp: 6410
Ion Ratio Lower Upper
50 100
52 33.6 26.3 39.5

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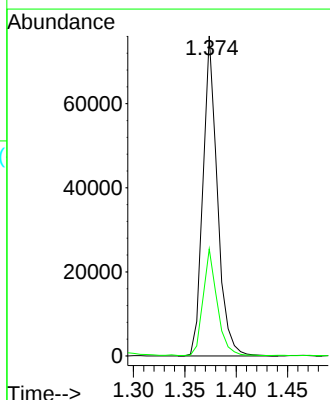
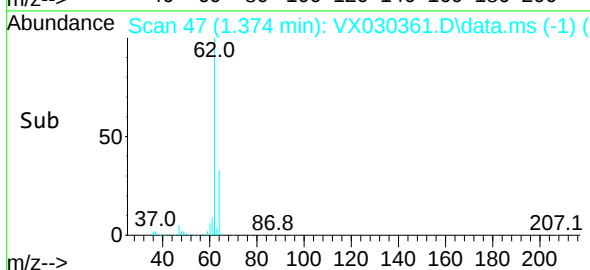
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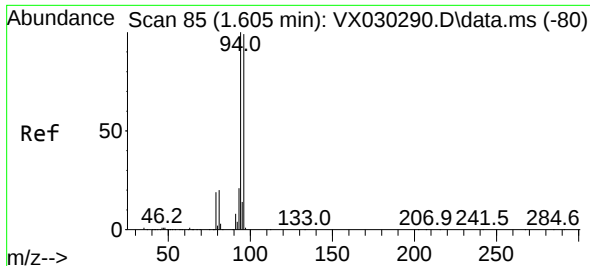


#4
Vinyl Chloride
Concen: 48.949 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



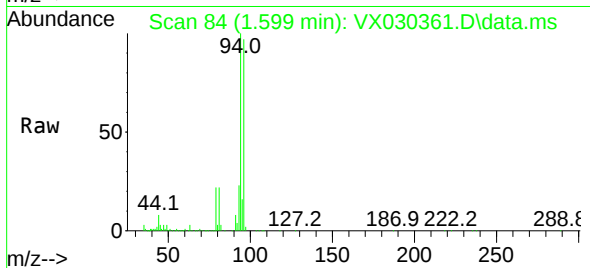
Tgt Ion: 62 Resp: 74479
Ion Ratio Lower Upper
62 100
64 33.3 25.2 37.8





#5
Bromomethane
Concen: 68.814 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030361.D
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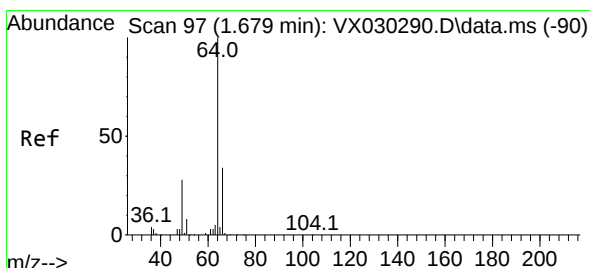
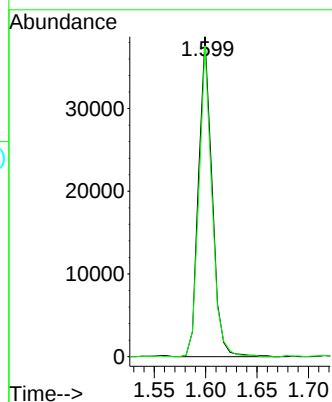
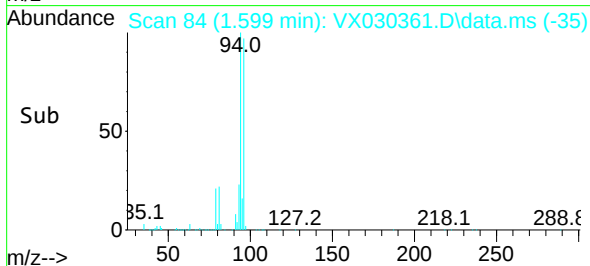
Instrument :
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Tgt Ion: 94 Resp: 3556
Ion Ratio Lower Upper
94 100
96 97.1 76.9 115.3

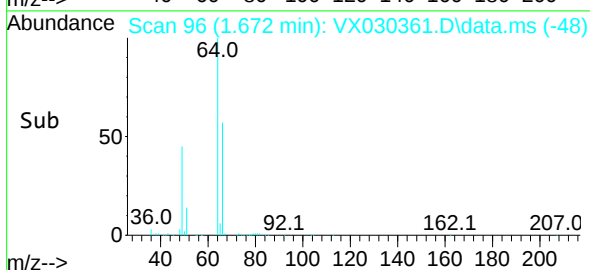
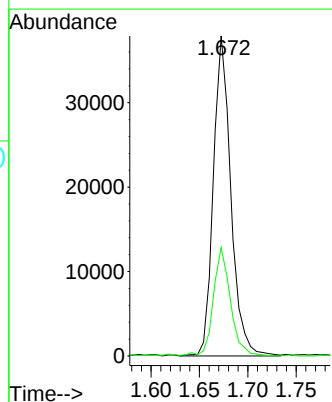
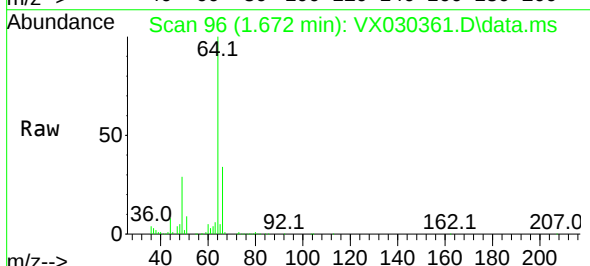
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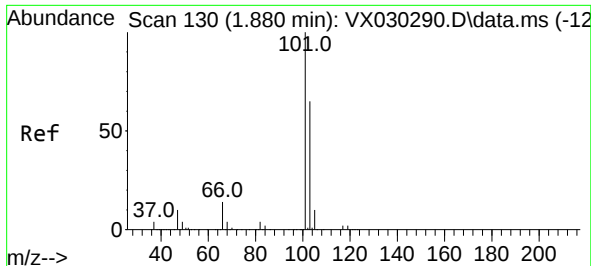
Reviewed By :John Carlone 08/04/2022
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#6
Chloroethane
Concen: 54.528 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
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Acq: 03 Aug 2022 11:14

Tgt Ion: 64 Resp: 47639
Ion Ratio Lower Upper
64 100
66 33.9 27.2 40.8





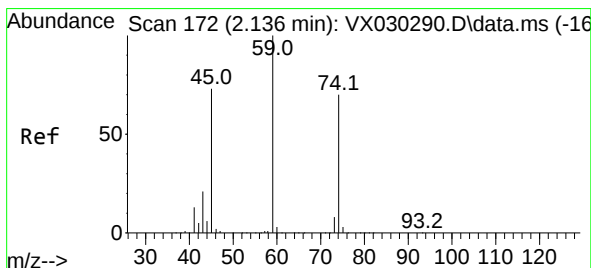
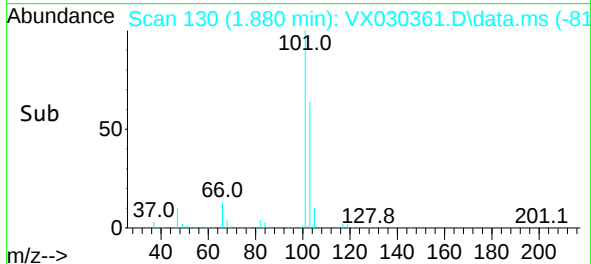
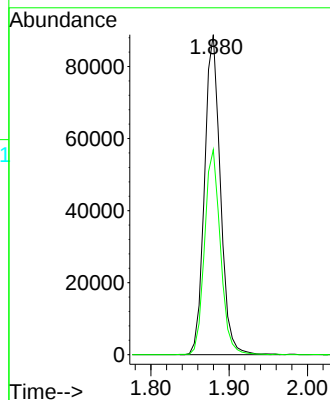
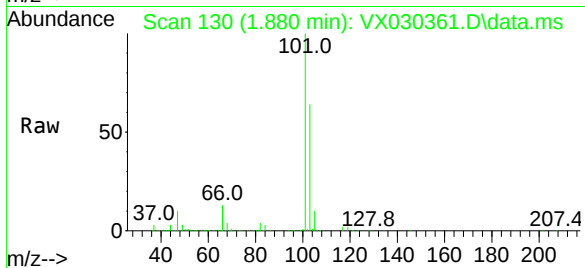
#7
Trichlorofluoromethane
Concen: 62.186 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030361.D
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Instrument :
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VSTDCCC050

Tgt Ion:101 Resp: 124662
Ion Ratio Lower Upper
101 100
103 64.0 49.7 74.5

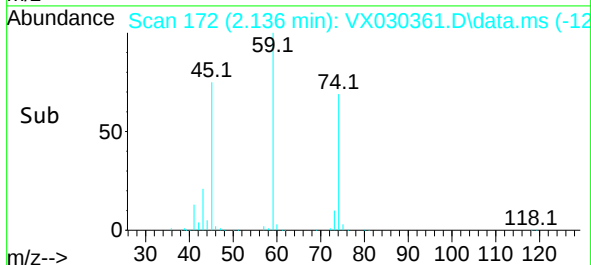
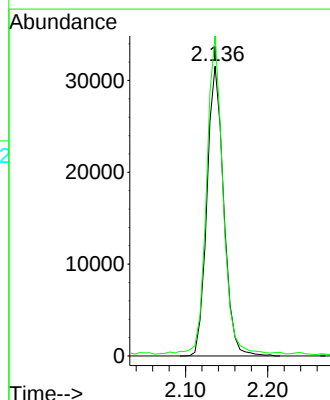
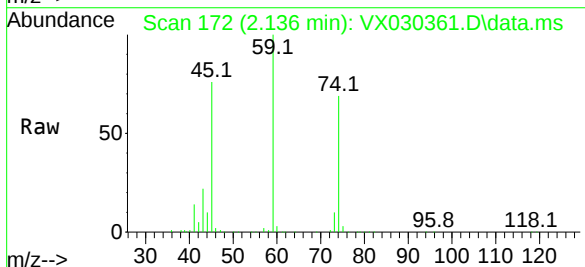
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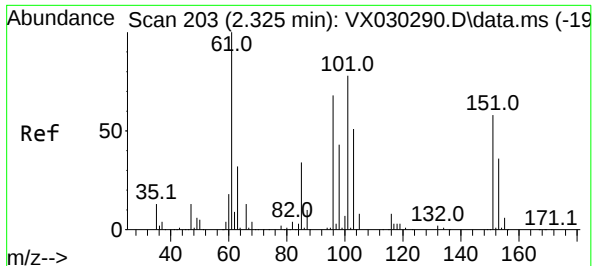
Reviewed By :John Carlone 08/04/2022
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#8
Diethyl Ether
Concen: 56.831 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 44613
Ion Ratio Lower Upper
74 100
45 108.0 51.5 154.7





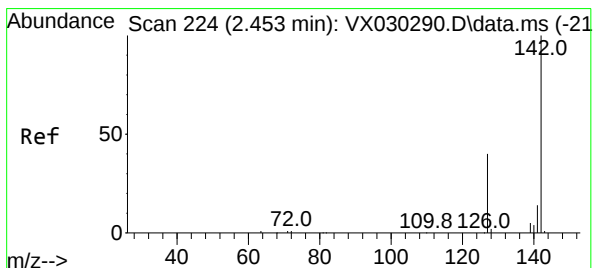
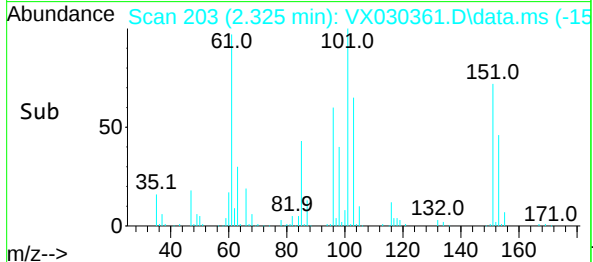
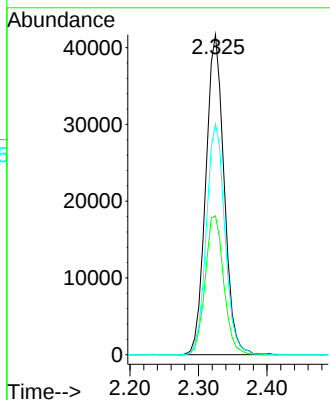
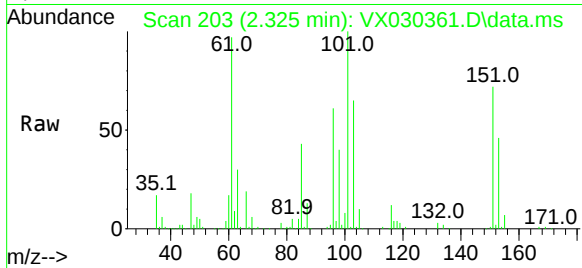
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.205 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion:101 Resp: 77514
Ion Ratio Lower Upper
101 100
85 44.0 34.0 51.0
151 73.0 59.4 89.0

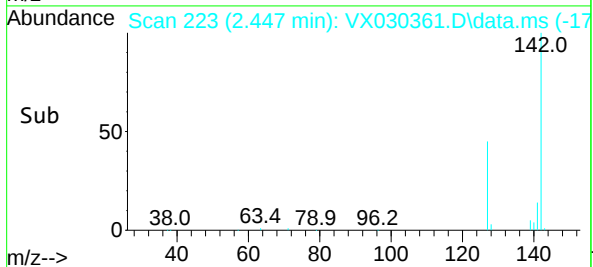
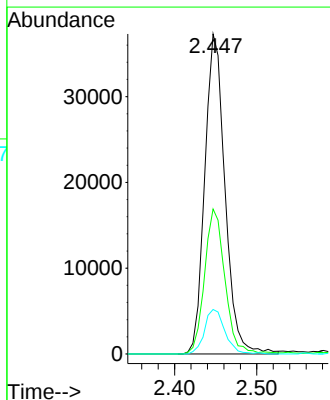
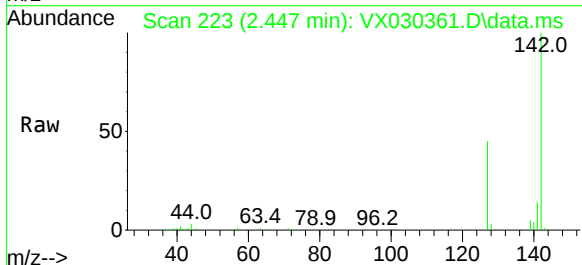
Manual Integrations
APPROVED

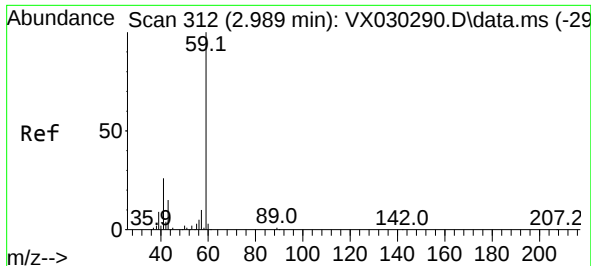
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#10
Methyl Iodide
Concen: 44.334 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

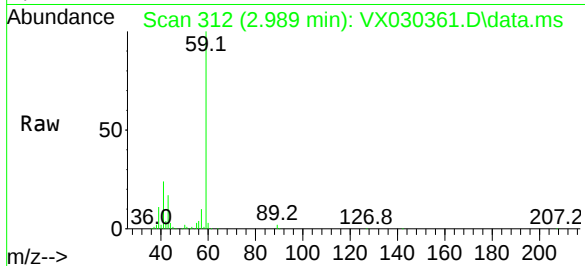
Tgt Ion:142 Resp: 63896
Ion Ratio Lower Upper
142 100
127 45.6 30.2 45.2#
141 14.1 11.3 16.9





#11
Tert butyl alcohol
Concen: 311.185 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

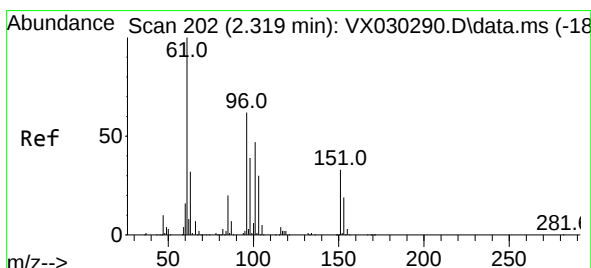
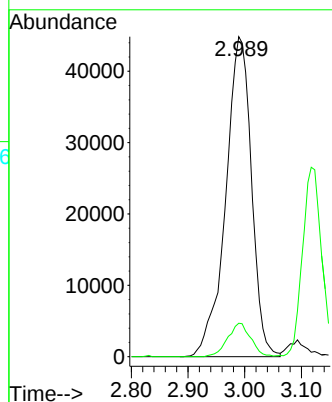
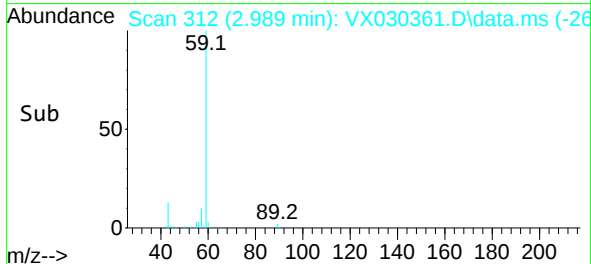
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 141749
Ion Ratio Lower Upper
59 100
57 9.4 7.4 11.2

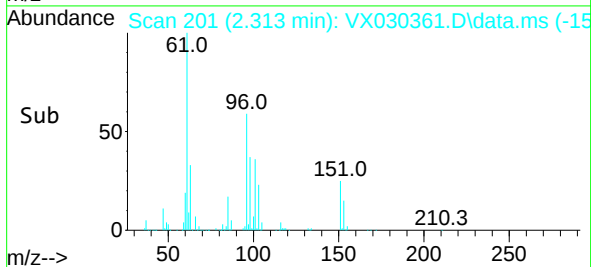
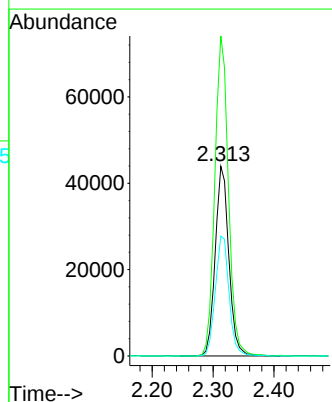
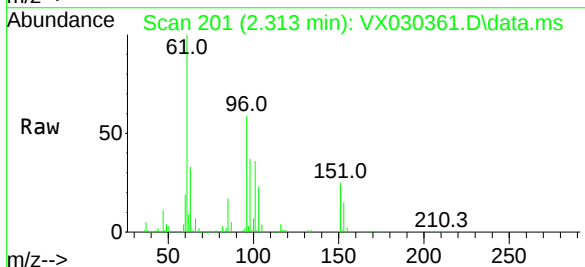
Manual Integrations
APPROVED

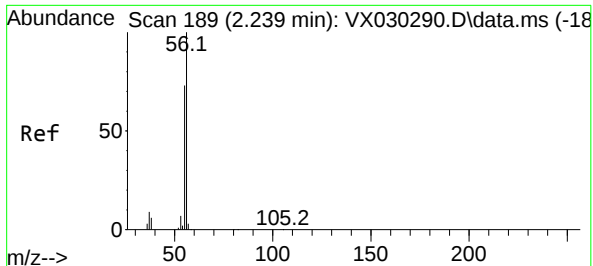
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#12
1,1-Dichloroethene
Concen: 46.930 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

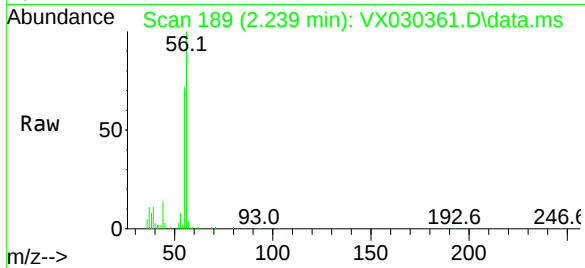
Tgt Ion: 96 Resp: 68111
Ion Ratio Lower Upper
96 100
61 168.7 117.4 176.0
98 63.2 52.2 78.4





#13
Acrolein
Concen: 191.665 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

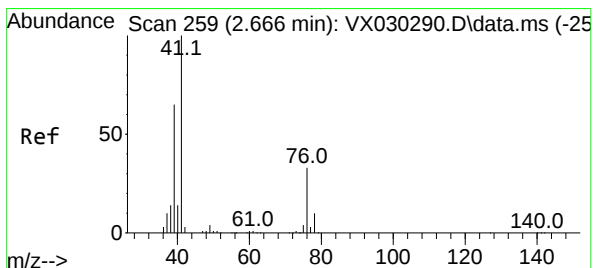
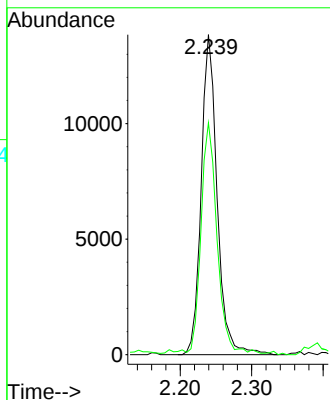
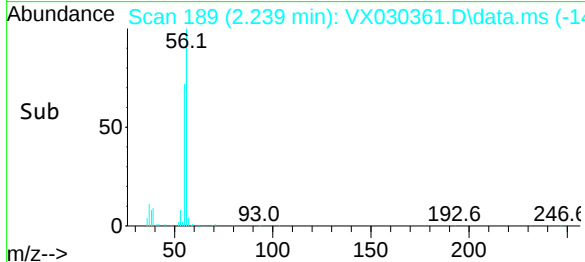
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21458
Ion Ratio Lower Upper
56 100
55 71.9 56.6 84.8

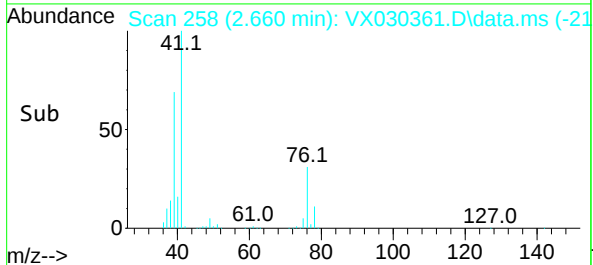
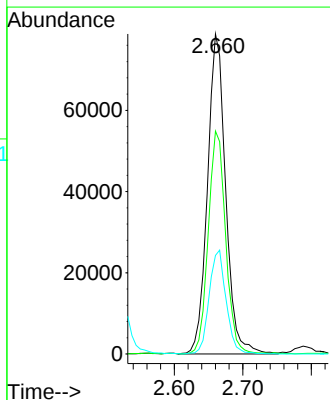
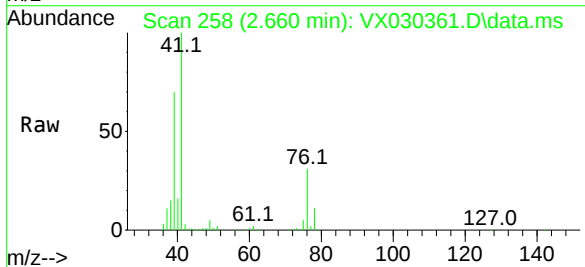
Manual Integrations
APPROVED

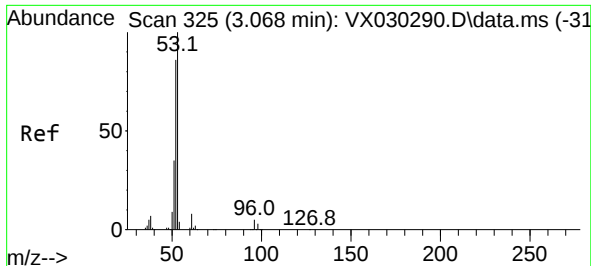
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#14
Allyl chloride
Concen: 48.694 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

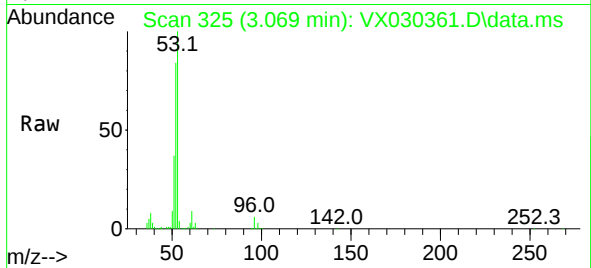
Tgt Ion: 41 Resp: 145832
Ion Ratio Lower Upper
41 100
39 66.1 48.9 73.3
76 30.2 26.9 40.3





#15
Acrylonitrile
Concen: 239.226 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

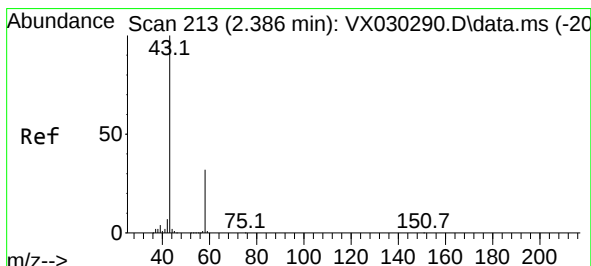
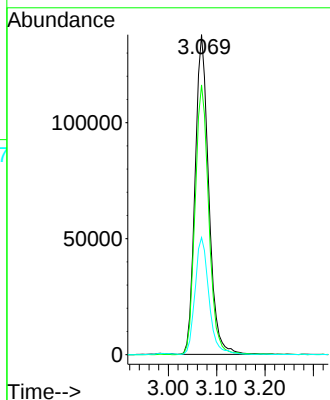
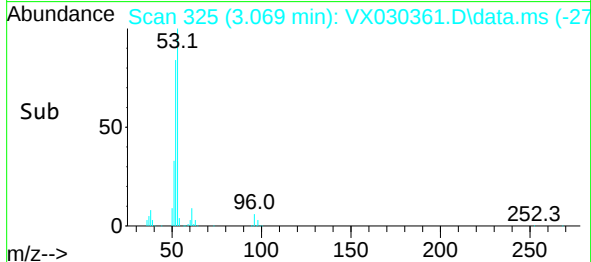
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



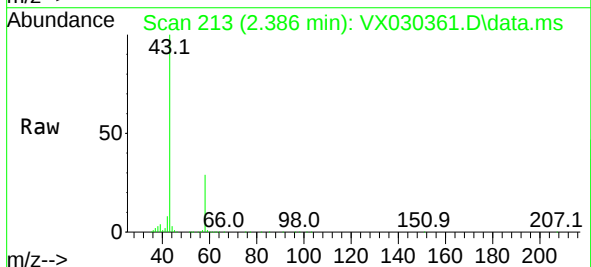
Tgt Ion: 53 Resp: 26928
Ion Ratio Lower Upper
53 100
52 84.9 65.4 98.0
51 37.1 27.7 41.5

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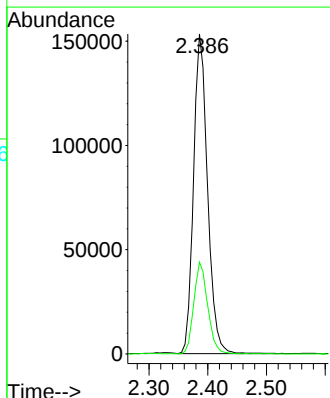
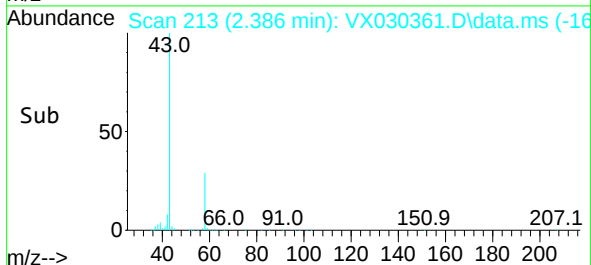
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

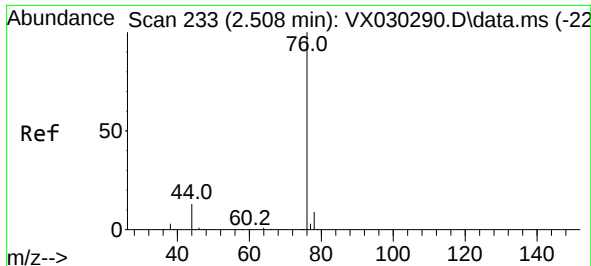


#16
Acetone
Concen: 265.455 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion: 43 Resp: 253784
Ion Ratio Lower Upper
43 100
58 28.7 27.7 41.5





#17

Carbon Disulfide

Concen: 41.553 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16279

Ion Ratio Lower Upper

76 100

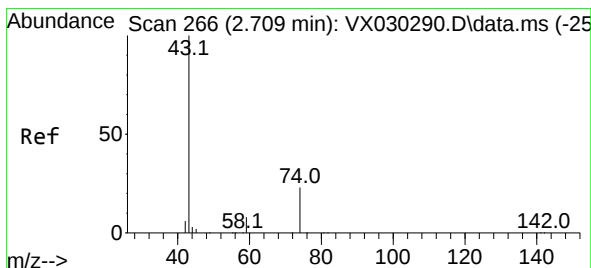
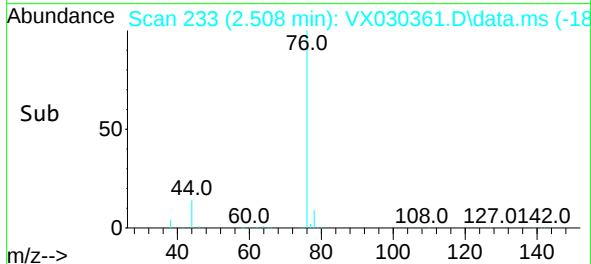
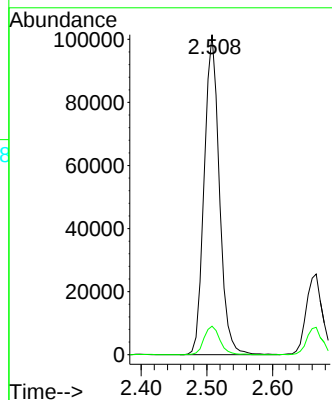
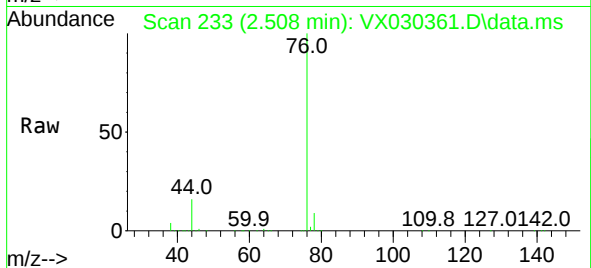
78 8.9 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#18

Methyl Acetate

Concen: 50.839 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.001 min

Lab File: VX030361.D

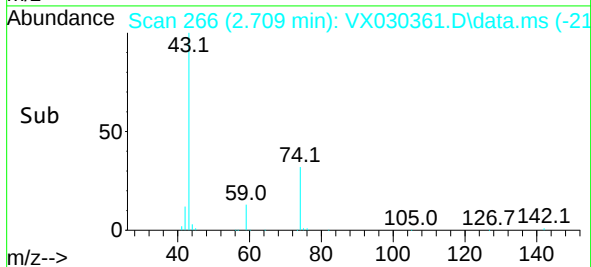
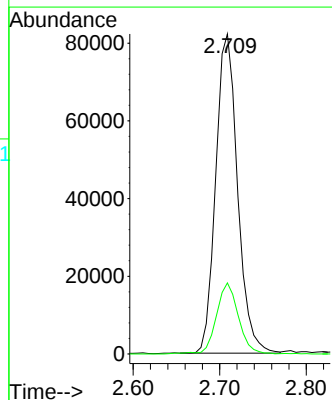
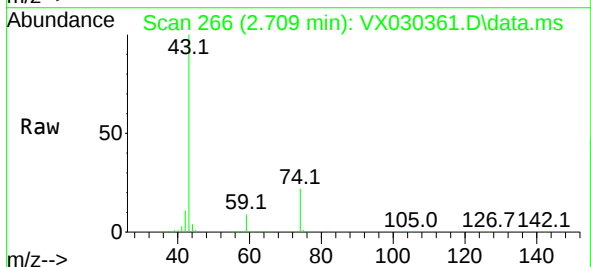
Acq: 03 Aug 2022 11:14

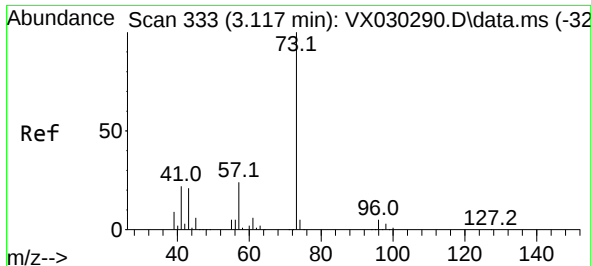
Tgt Ion: 43 Resp: 143763

Ion Ratio Lower Upper

43 100

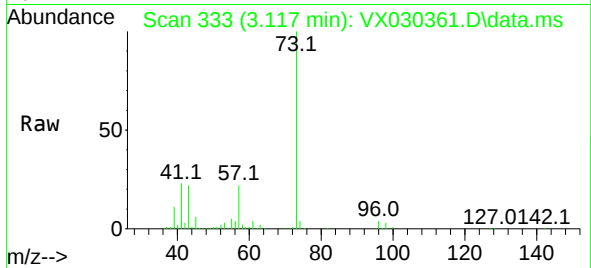
74 22.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 56.765 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

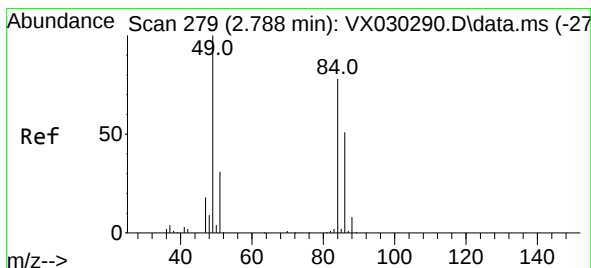
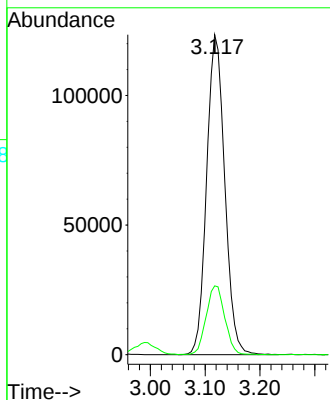
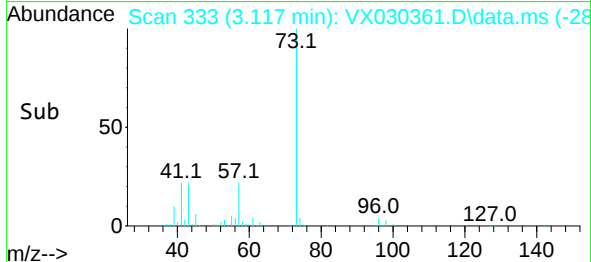
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 28220
Ion Ratio Lower Upper
73 100
57 21.5 19.0 28.6

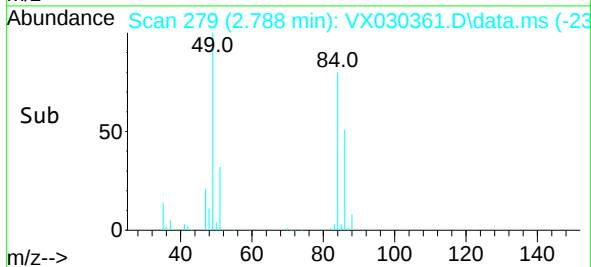
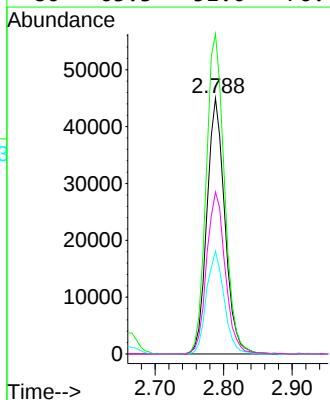
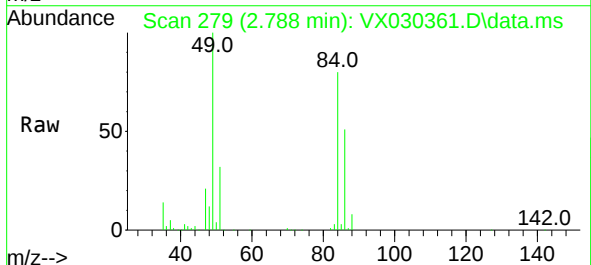
Manual Integrations
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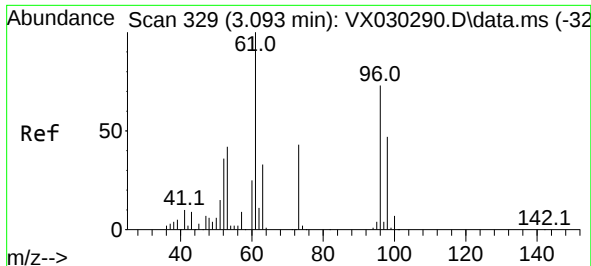
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#20
Methylene Chloride
Concen: 50.015 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

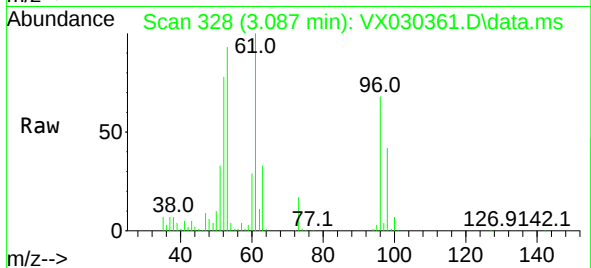
Tgt Ion: 84 Resp: 81958
Ion Ratio Lower Upper
84 100
49 125.1 93.8 140.6
51 40.2 29.4 44.0
86 63.3 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 47.472 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

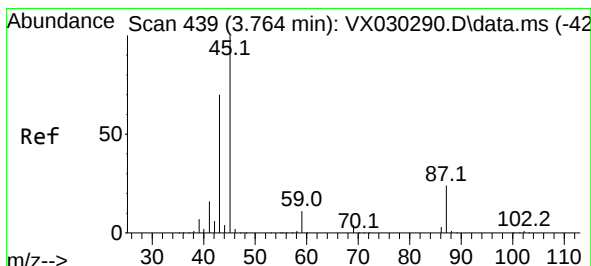
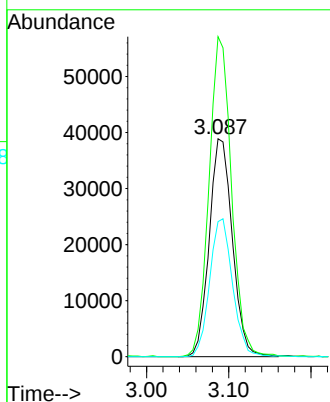
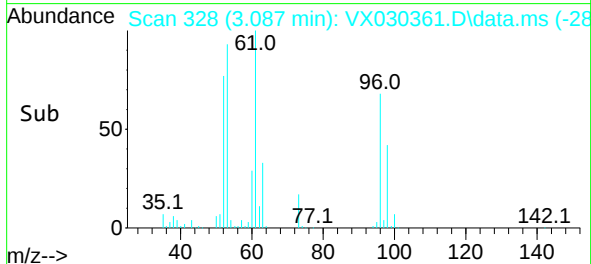
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 7604
Ion Ratio Lower Upper
96 100
61 146.9 105.6 158.4
98 62.0 50.1 75.1

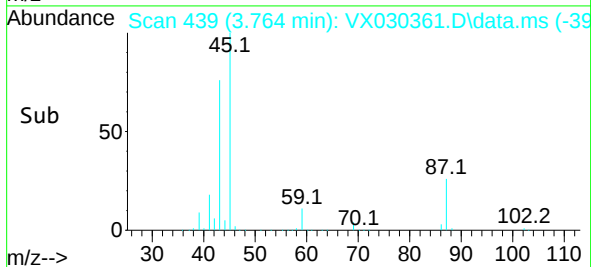
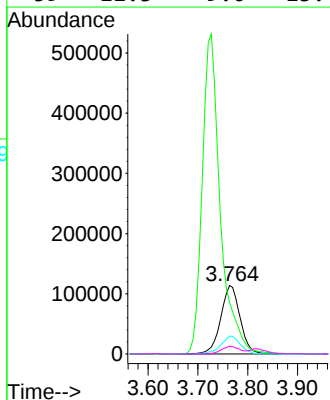
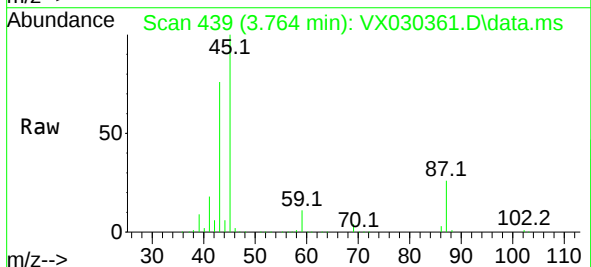
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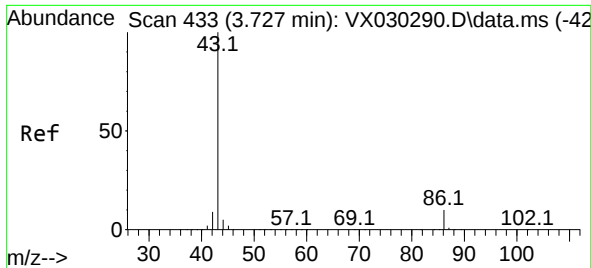
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#22
Diisopropyl ether
Concen: 53.688 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

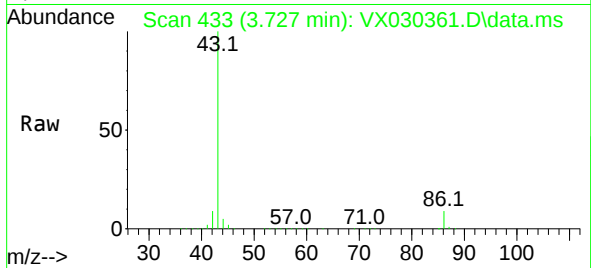
Tgt Ion: 45 Resp: 304221
Ion Ratio Lower Upper
45 100
43 75.5 65.4 98.0
87 26.2 22.3 33.5
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 272.446 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14

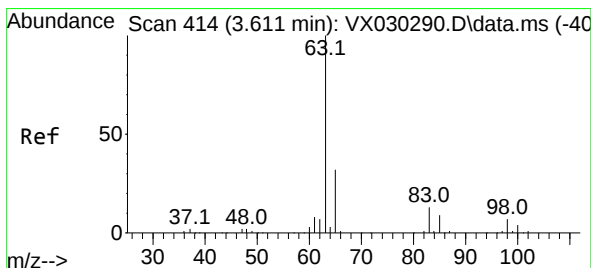
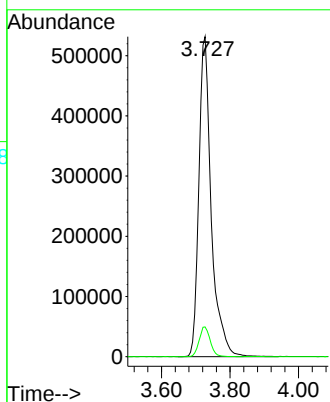
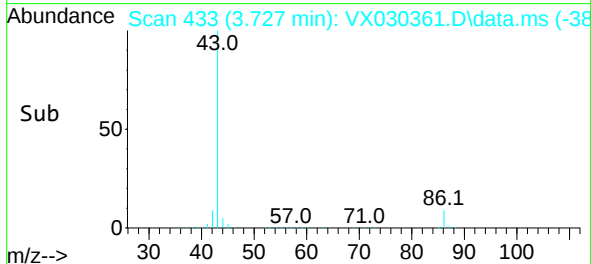
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



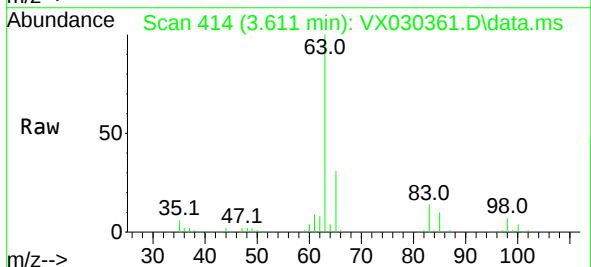
Tgt Ion: 43 Resp: 1339179
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7

Manual Integrations
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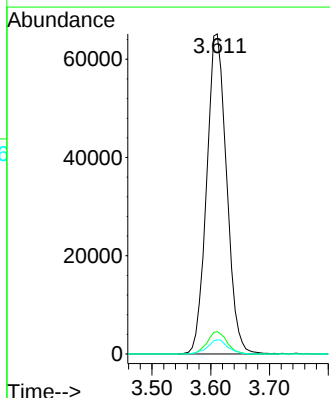
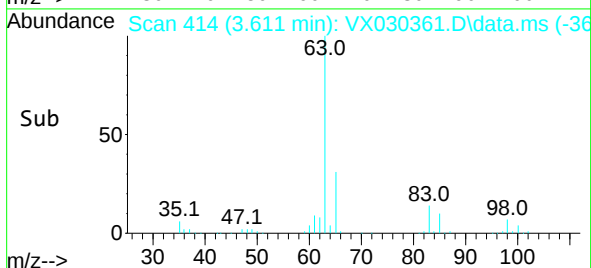
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022

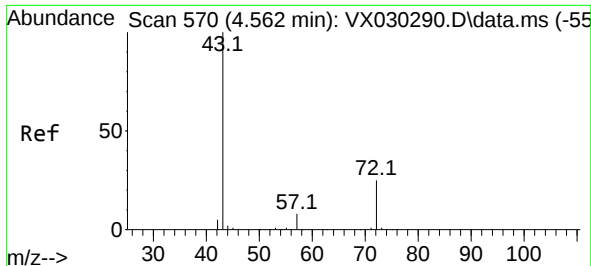


#24
 1,1-Dichloroethane
 Concen: 51.045 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14



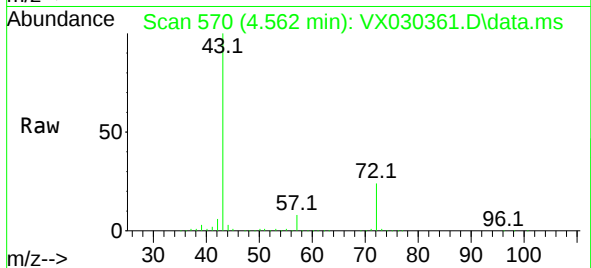
Tgt Ion: 63 Resp: 153698
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.4 2.3 6.9





#25
2-Butanone
Concen: 258.106 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

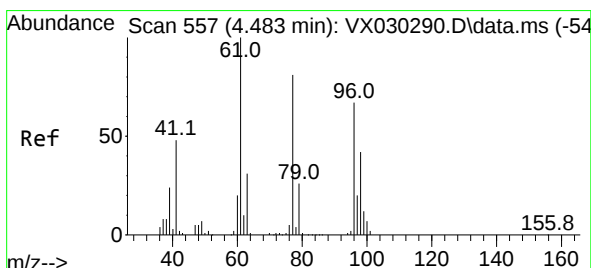
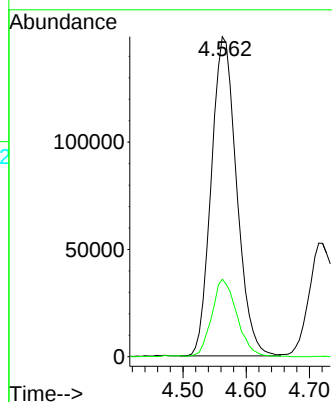
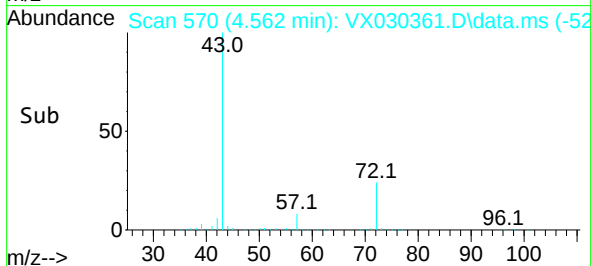
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 41466
Ion Ratio Lower Upper
43 100
72 24.1 21.7 32.5

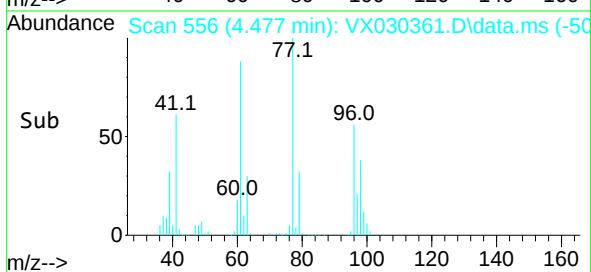
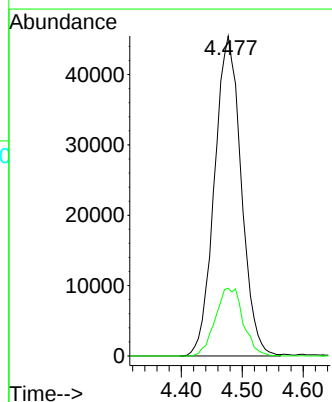
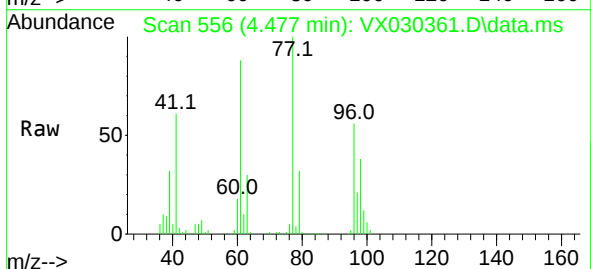
Manual Integrations
APPROVED

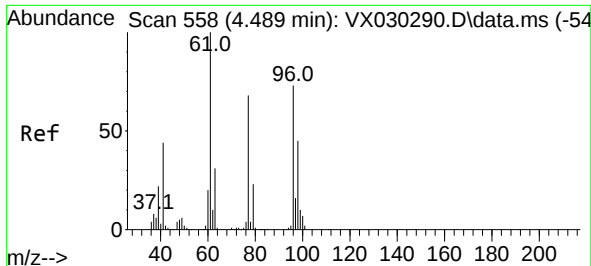
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#26
2,2-Dichloropropane
Concen: 63.728 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

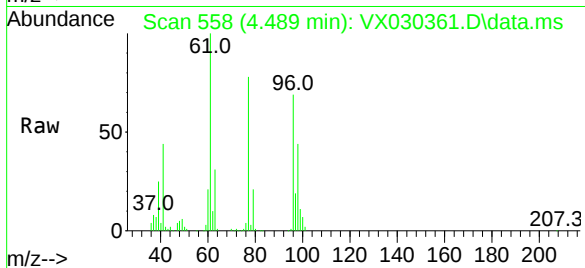
Tgt Ion: 77 Resp: 138754
Ion Ratio Lower Upper
77 100
97 22.0 13.0 39.0





#27
 cis-1,2-Dichloroethene
 Concen: 49.066 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14

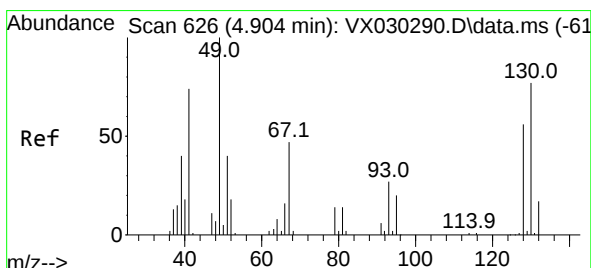
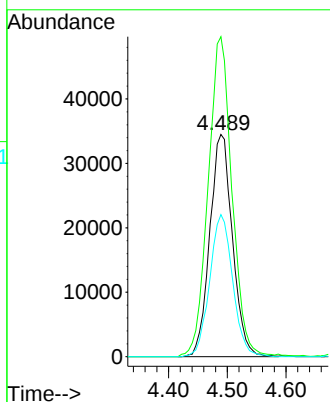
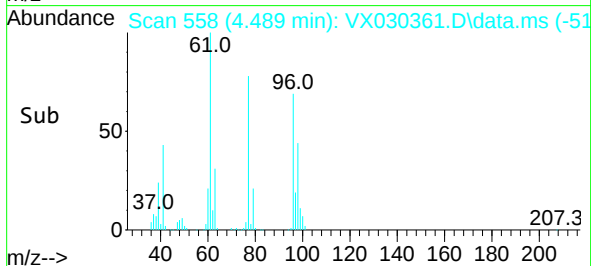
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 92429
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 270.0
 98 64.8 0.0 127.8

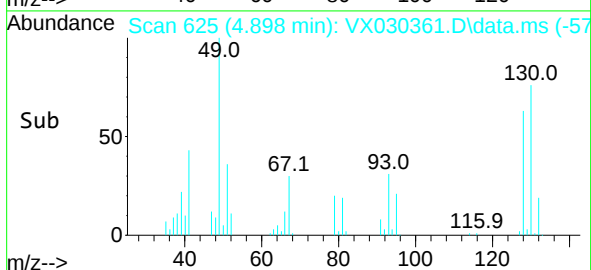
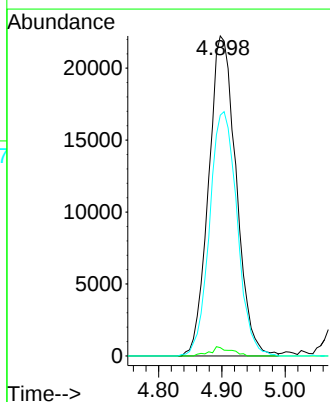
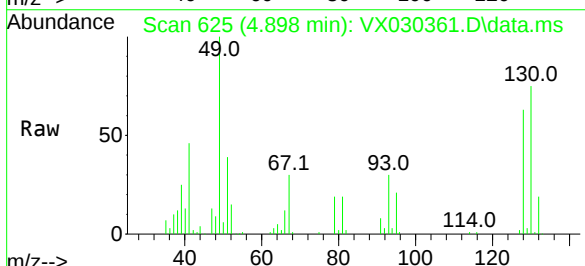
Manual Integrations
 APPROVED

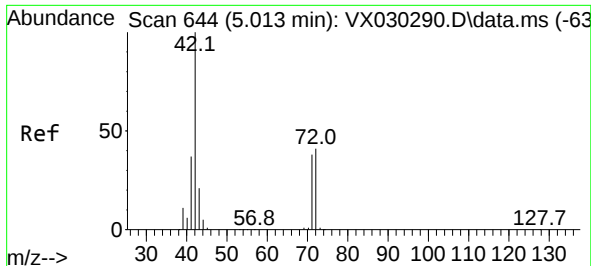
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022



#28
 Bromochloromethane
 Concen: 52.833 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.005 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14

Tgt Ion: 49 Resp: 67207
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 76.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 245.878 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX030361.D

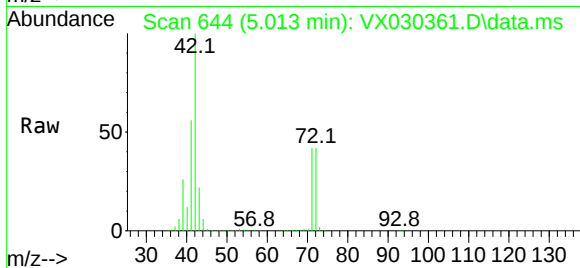
Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



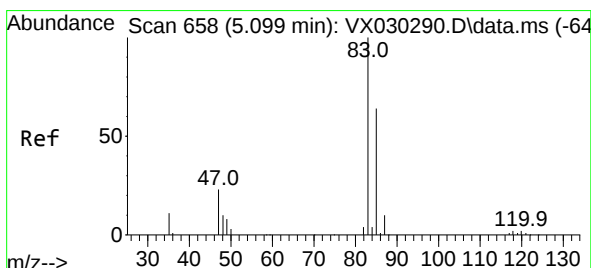
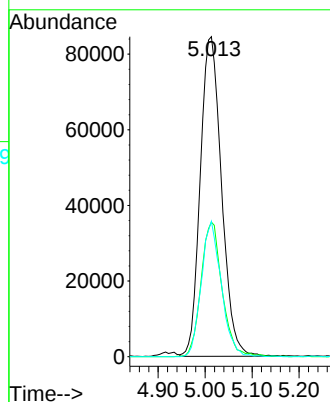
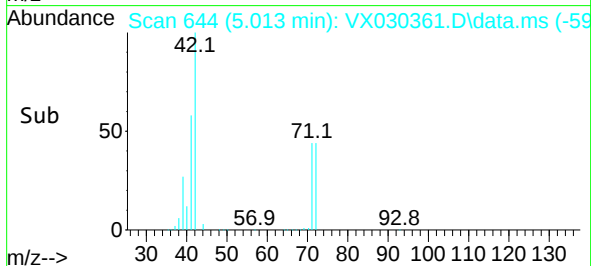
Tgt Ion:	42	Resp:	26578
Ion Ratio	100	Lower	Upper
42	100		
72	41.8	36.5	54.7
71	39.7	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#30

Chloroform

Concen: 54.845 ug/l

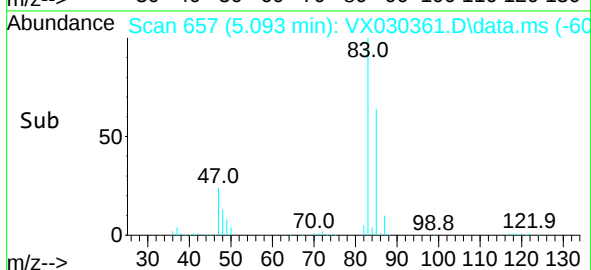
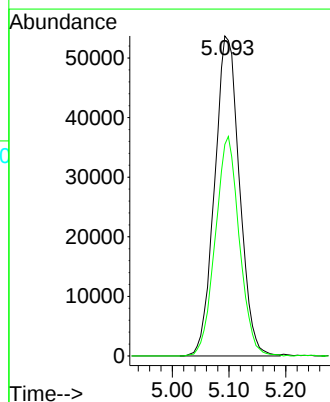
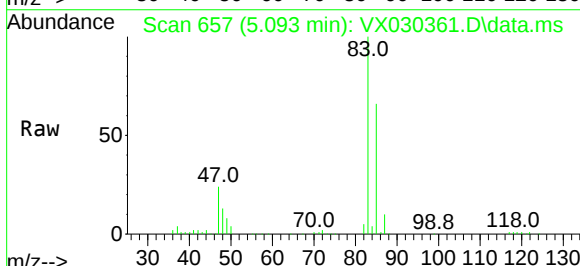
RT: 5.093 min Scan# 657

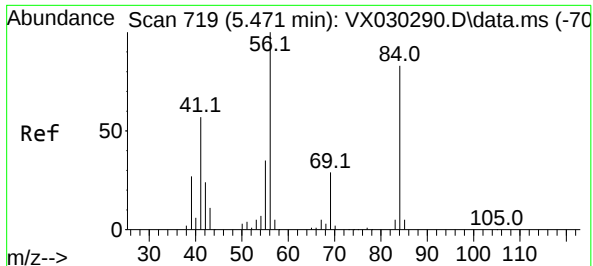
Delta R.T. -0.005 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

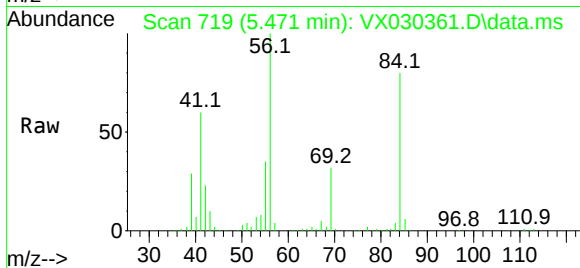
Tgt Ion:	83	Resp:	163508
Ion Ratio	100	Lower	Upper
83	100		
85	66.1	51.5	77.3





#31
Cyclohexane
Concen: 46.763 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

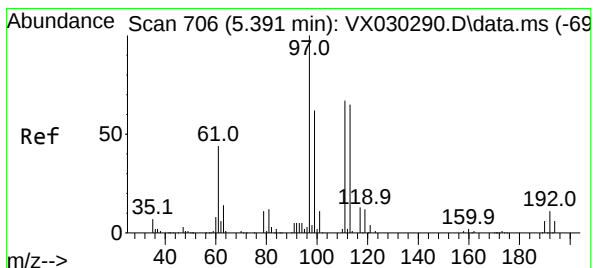
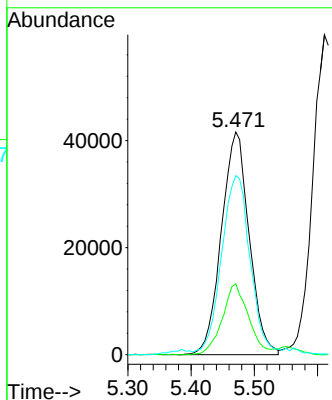
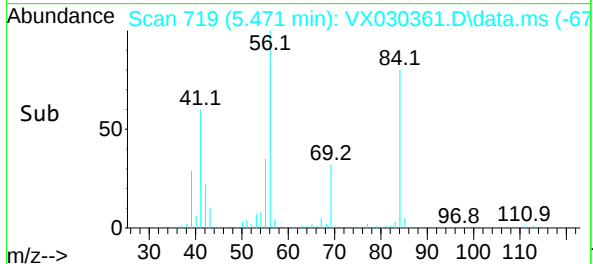
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



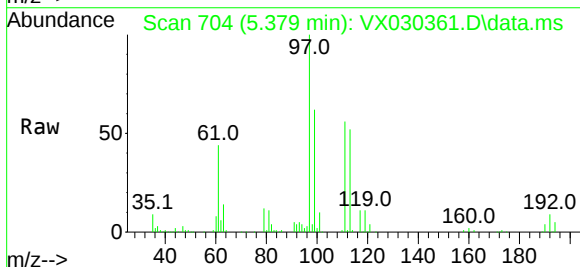
Tgt Ion: 56 Resp: 126780
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 78.9 68.9 103.3

Manual Integrations
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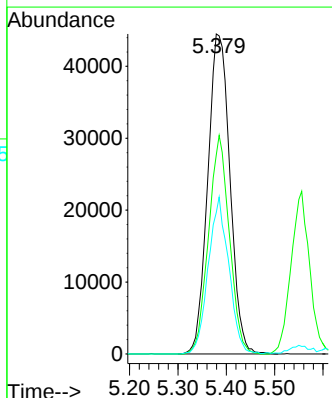
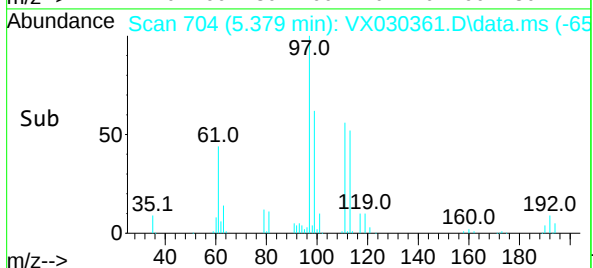
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

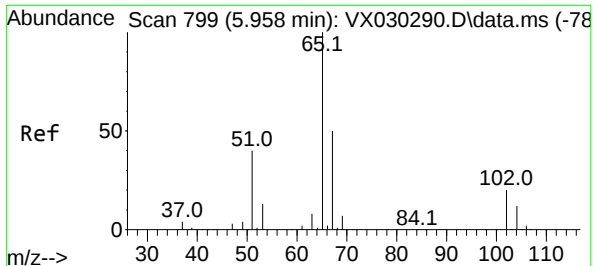


#32
1,1,1-Trichloroethane
Concen: 58.567 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion: 97 Resp: 141928
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 45.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 100879

Ion Ratio Lower Upper

65 100

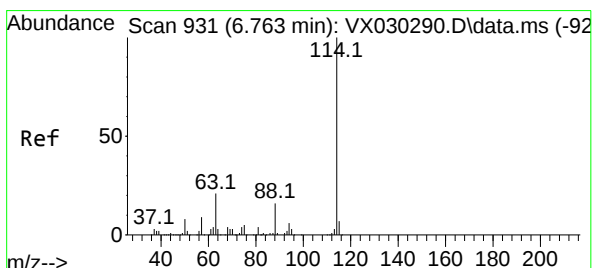
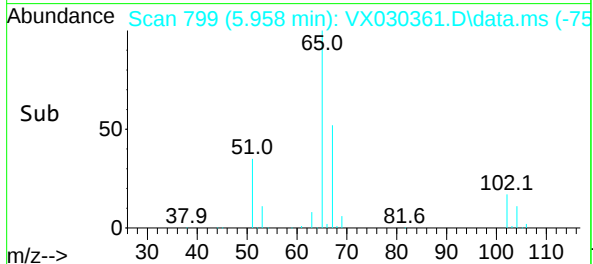
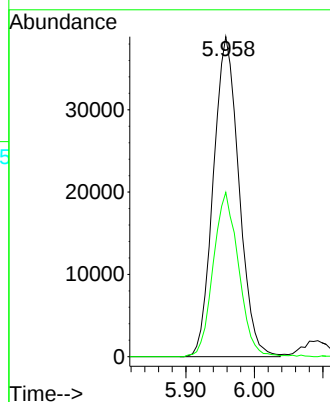
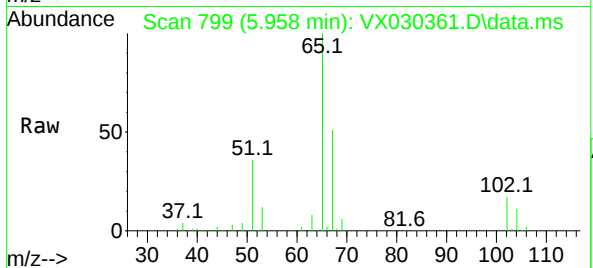
67 50.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

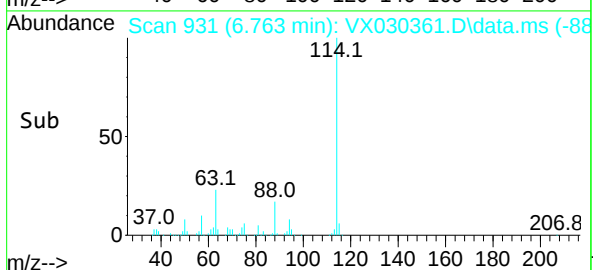
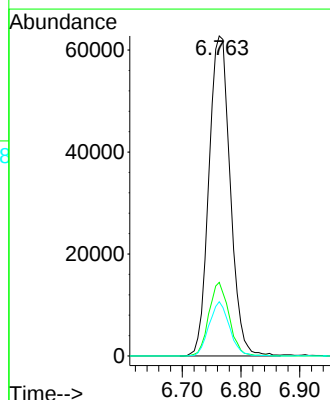
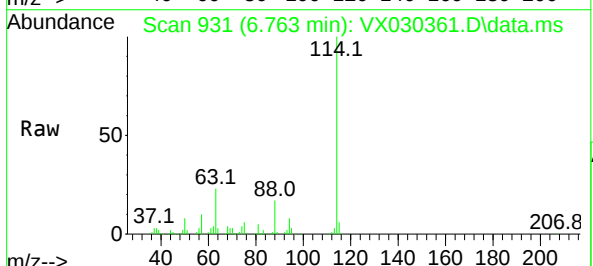
Tgt Ion:114 Resp: 158234

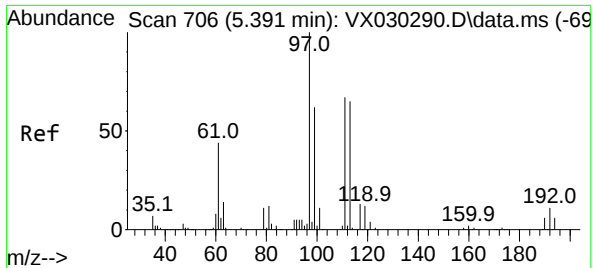
Ion Ratio Lower Upper

114 100

63 23.0 0.0 38.4

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.450 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 7631

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

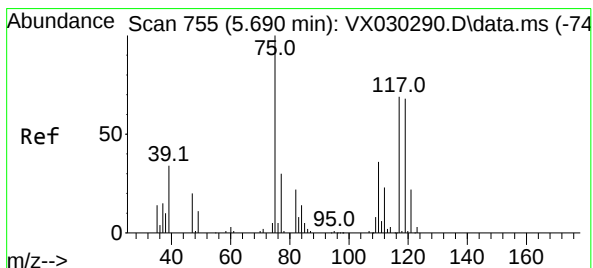
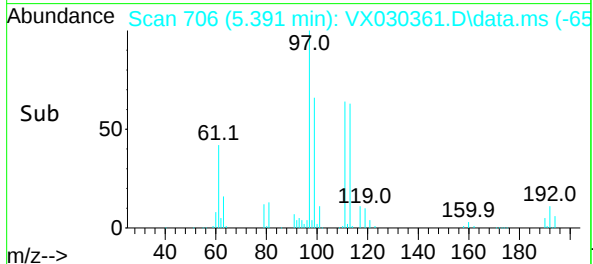
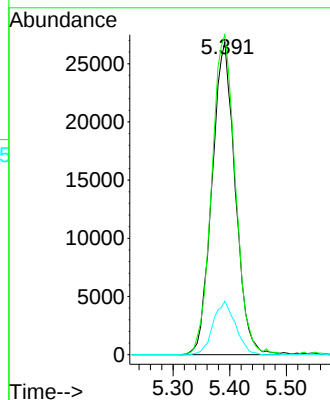
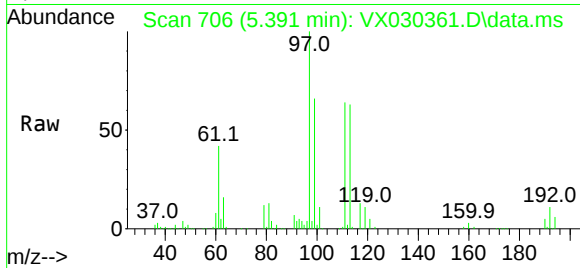
192 16.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#36

1,1-Dichloropropene

Concen: 51.330 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

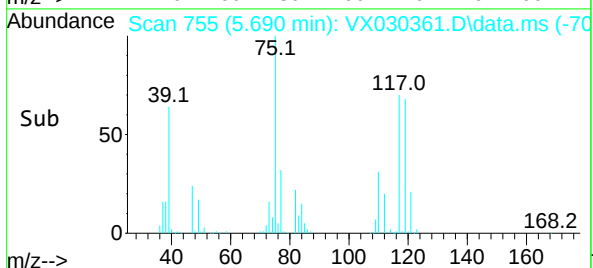
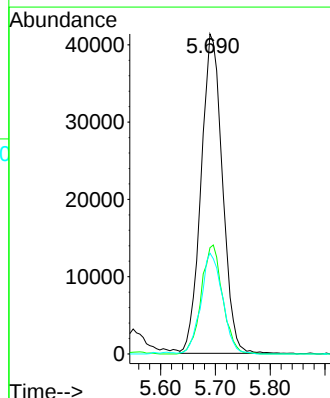
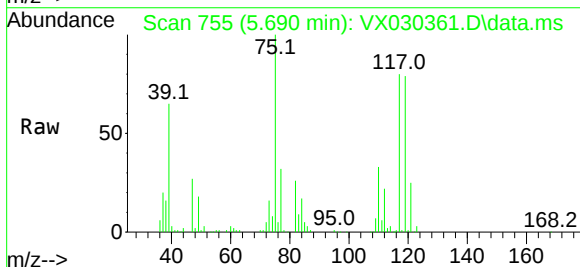
Tgt Ion: 75 Resp: 111738

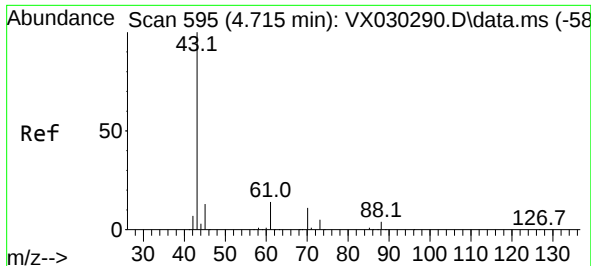
Ion Ratio Lower Upper

75 100

110 34.1 19.3 57.9

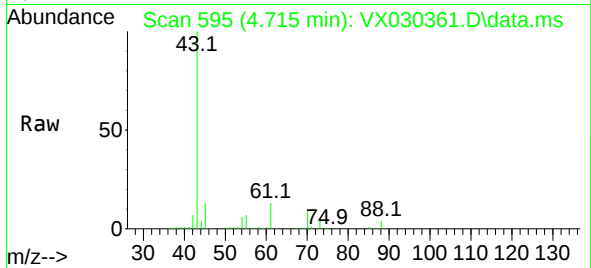
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 50.616 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

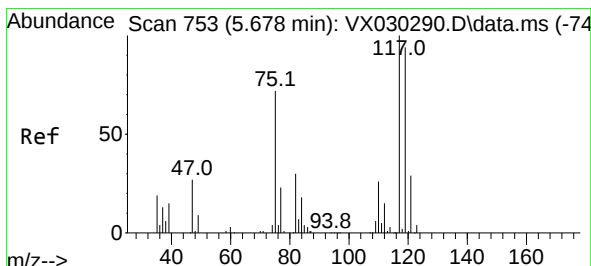
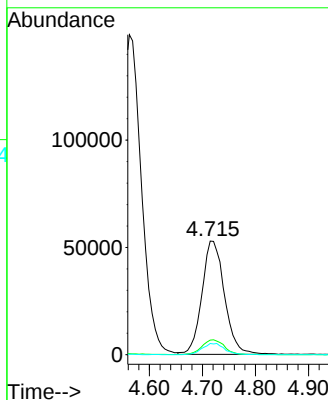
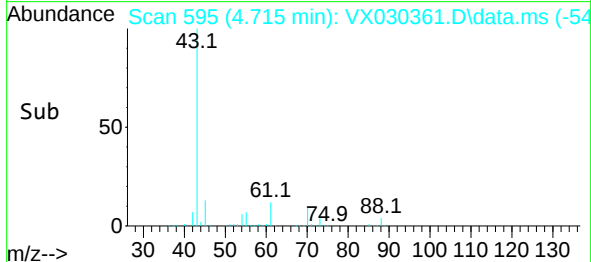
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 156034
Ion Ratio Lower Upper
43 100
61 12.8 11.7 17.5
70 9.8 9.3 13.9

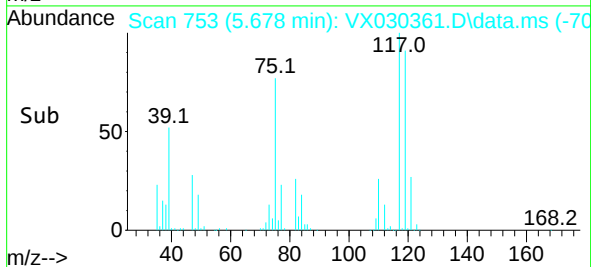
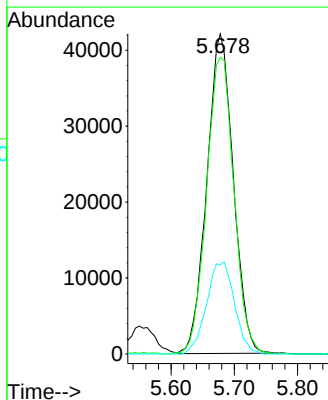
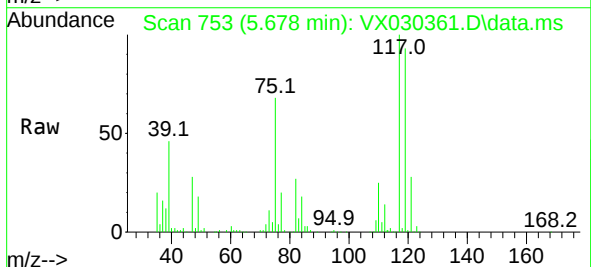
Manual Integrations
APPROVED

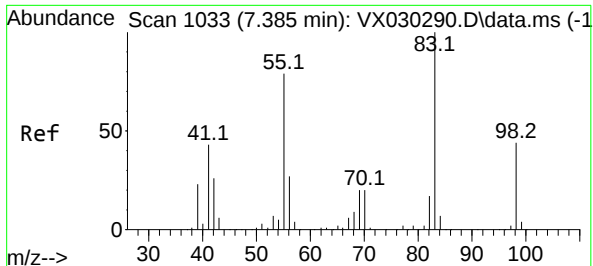
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#38
Carbon Tetrachloride
Concen: 60.148 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:117 Resp: 122234
Ion Ratio Lower Upper
117 100
119 92.9 74.1 111.1
121 28.0 25.8 38.8





#39

Methylcyclohexane

Concen: 46.893 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.005 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 13176

Ion Ratio Lower Upper

83 100

55 76.9 57.7 86.5

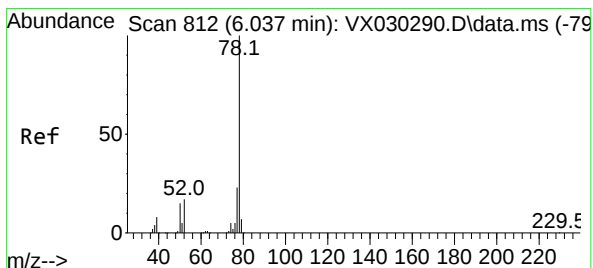
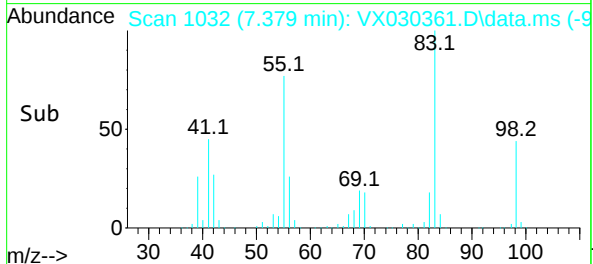
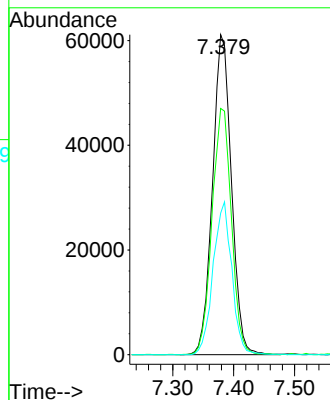
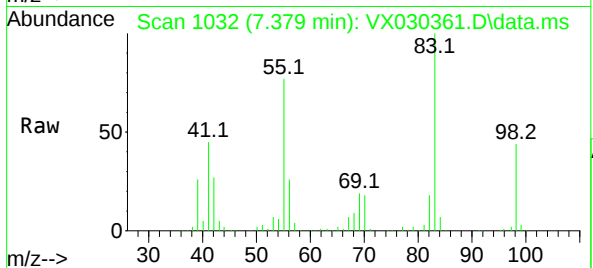
98 44.3 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#40

Benzene

Concen: 48.342 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.005 min

Lab File: VX030361.D

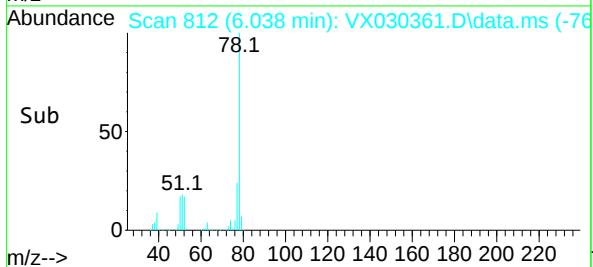
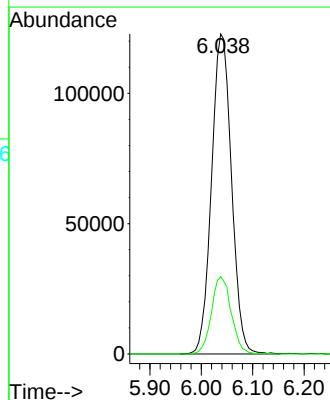
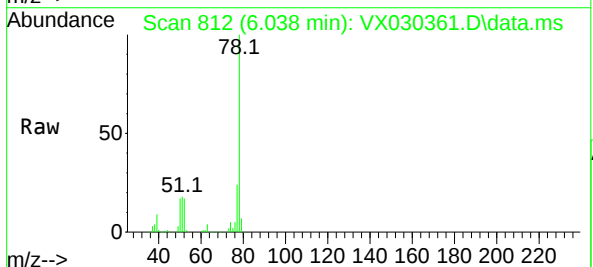
Acq: 03 Aug 2022 11:14

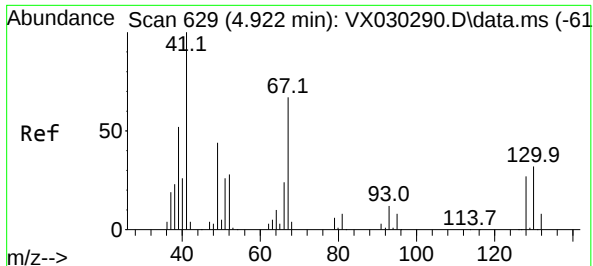
Tgt Ion: 78 Resp: 331096

Ion Ratio Lower Upper

78 100

77 24.2 18.0 27.0





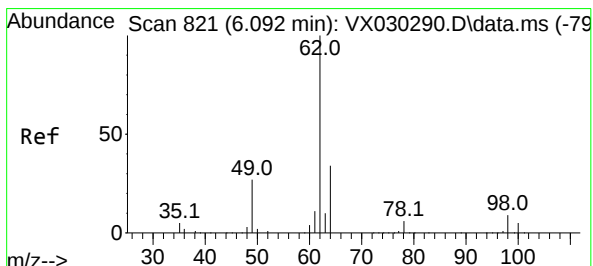
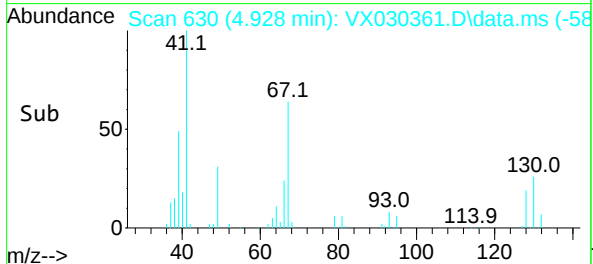
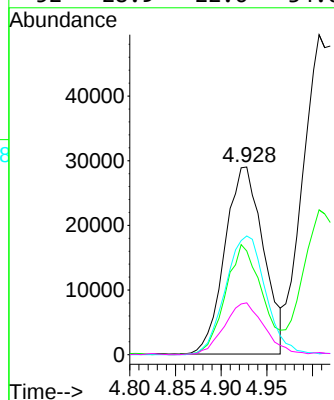
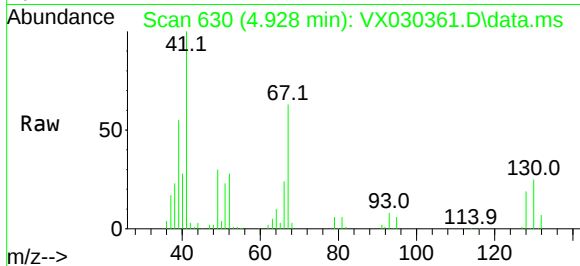
#41
Methacrylonitrile
Concen: 51.460 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 8503
Ion Ratio Lower Upper
41 100
39 55.8 42.9 64.3
67 66.4 60.1 90.1
52 28.9 22.6 34.0

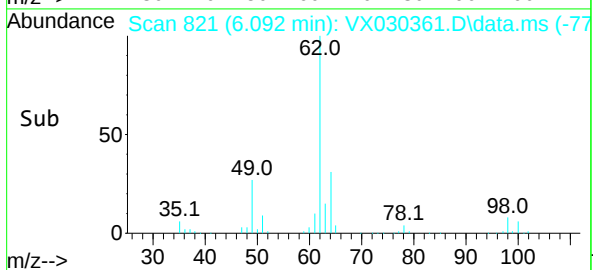
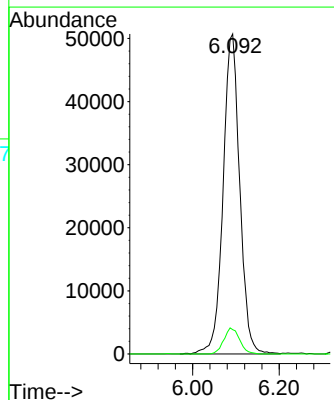
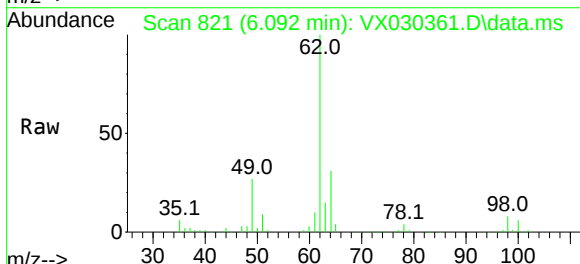
Manual Integrations
APPROVED

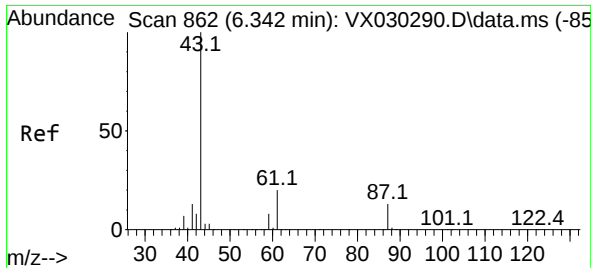
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#42
1,2-Dichloroethane
Concen: 57.270 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

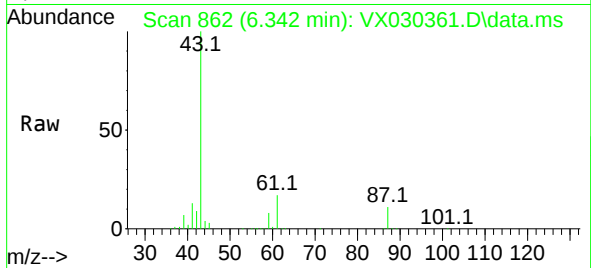
Tgt Ion: 62 Resp: 135537
Ion Ratio Lower Upper
62 100
98 7.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 54.818 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

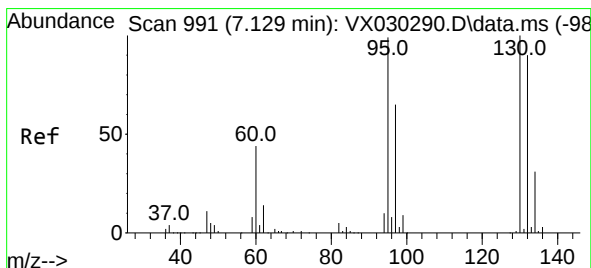
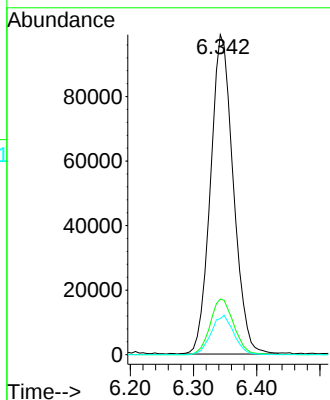
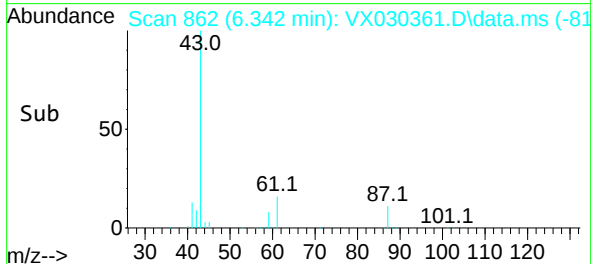
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 247720
Ion Ratio Lower Upper
43 100
61 18.1 16.5 24.7
87 12.3 11.1 16.7

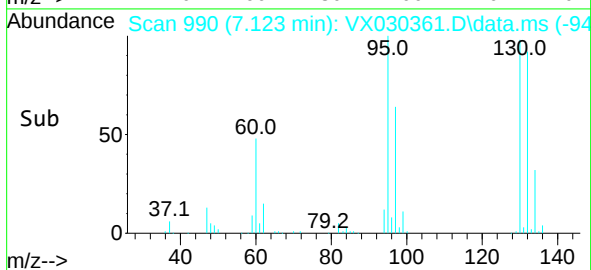
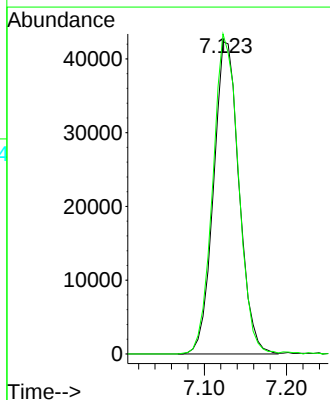
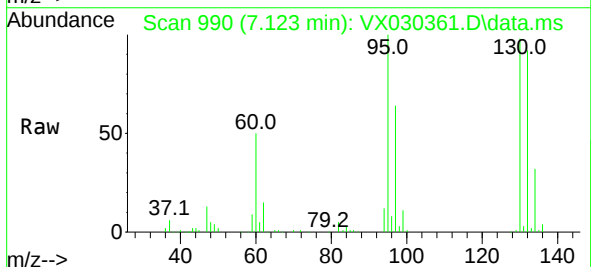
Manual Integrations
APPROVED

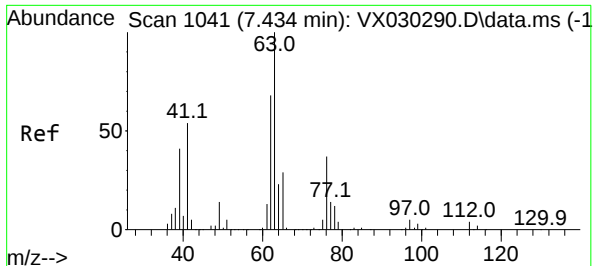
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#44
Trichloroethene
Concen: 48.791 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:130 Resp: 91310
Ion Ratio Lower Upper
130 100
95 102.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 49.730 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9084

Ion Ratio Lower Upper

63 100

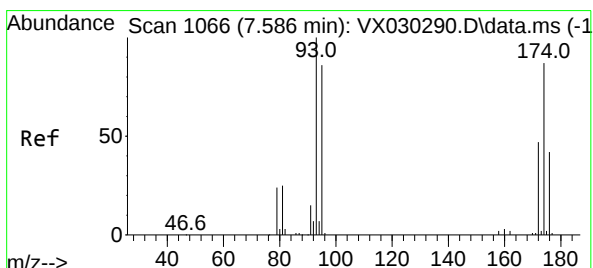
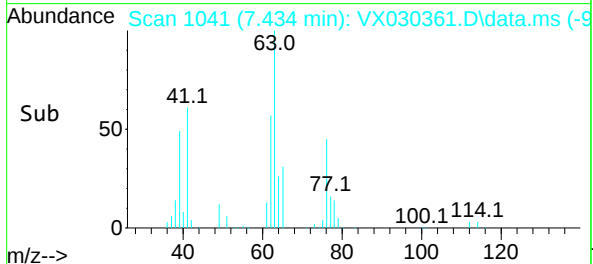
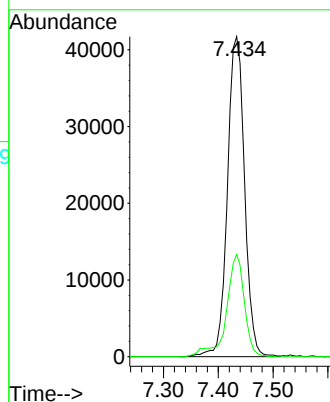
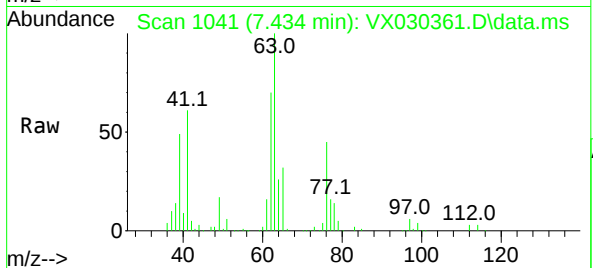
65 31.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#46

Dibromomethane

Concen: 51.896 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

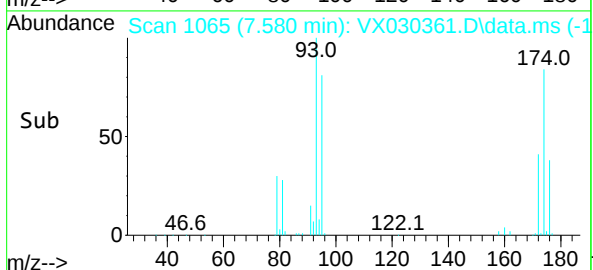
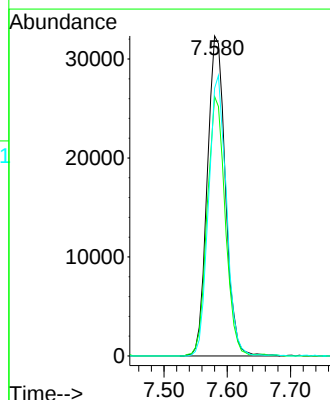
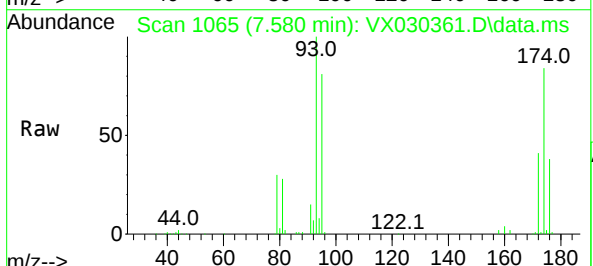
Tgt Ion: 93 Resp: 64469

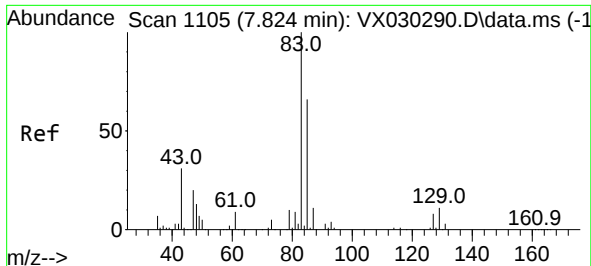
Ion Ratio Lower Upper

93 100

95 80.6 67.4 101.0

174 85.7 75.6 113.4





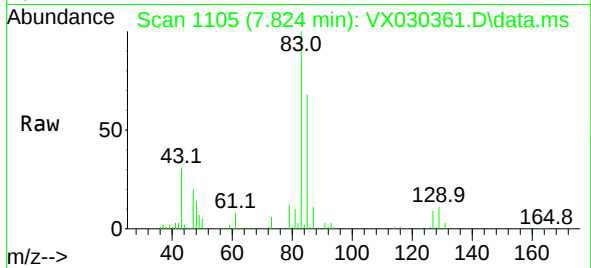
#47
Bromodichloromethane
Concen: 58.767 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



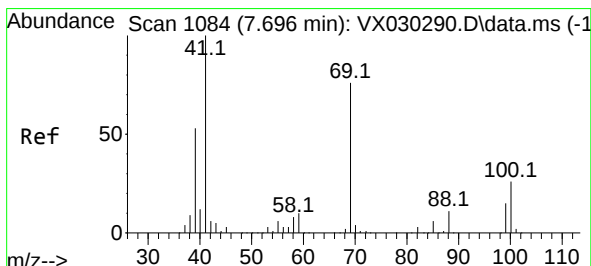
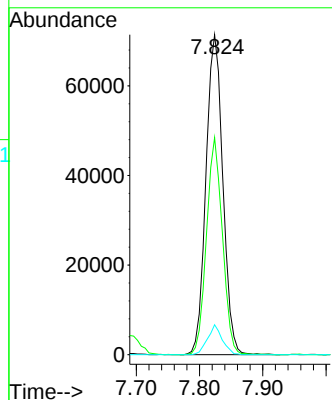
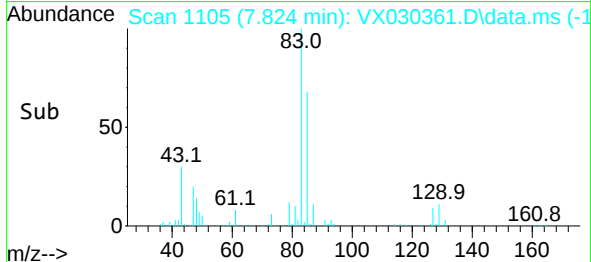
Tgt Ion: 83 Resp: 132714
Ion Ratio Lower Upper
83 100
85 67.8 53.5 80.3
127 9.4 6.6 10.0

Manual Integrations

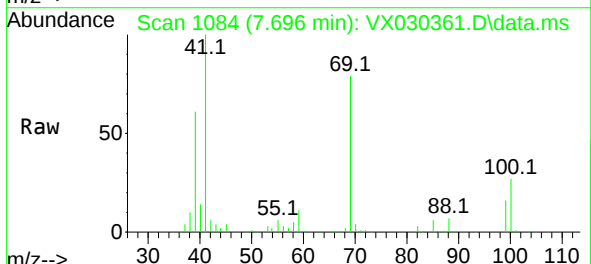
APPROVED

Reviewed By :John Carlone 08/04/2022

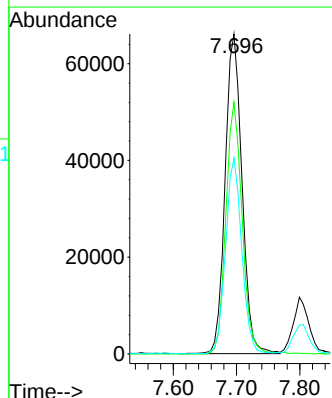
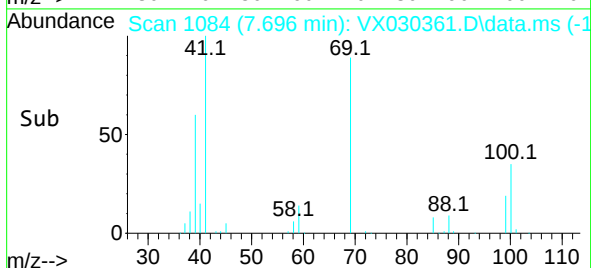
Supervised By :Mahesh Dadoda 08/04/2022

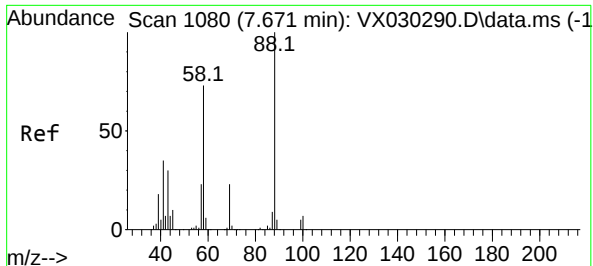


#48
Methyl methacrylate
Concen: 54.778 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion: 41 Resp: 121842
Ion Ratio Lower Upper
41 100
69 76.2 68.8 103.2
39 59.4 44.6 66.8





#49

1,4-Dioxane

Concen: 963.899 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

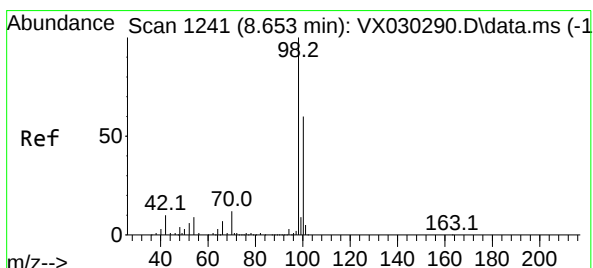
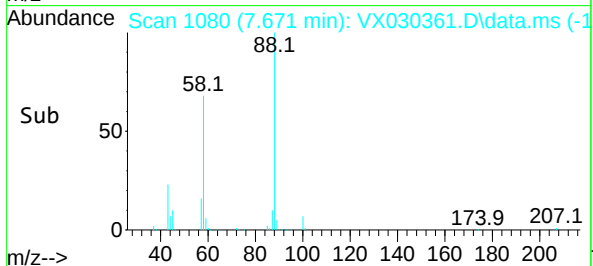
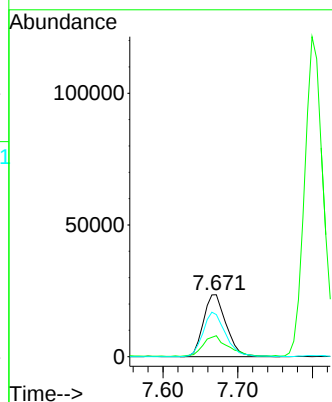
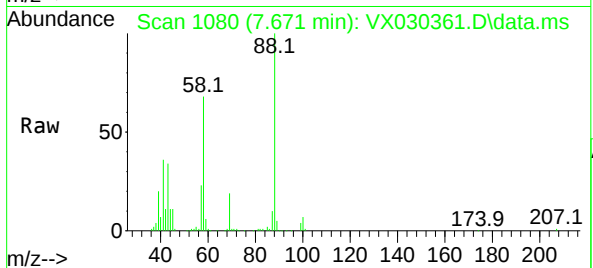
Tgt Ion:	88	Resp:	49519
Ion	Ratio	Lower	Upper
88	100		
43	36.1	23.8	35.8
58	71.7	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#50

Toluene-d8

Concen: 47.119 ug/l

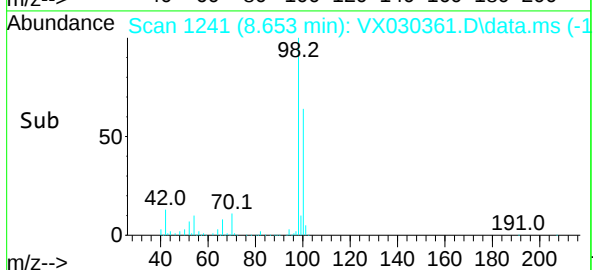
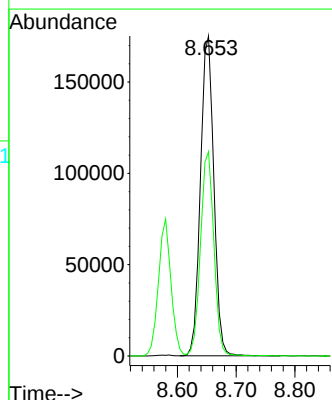
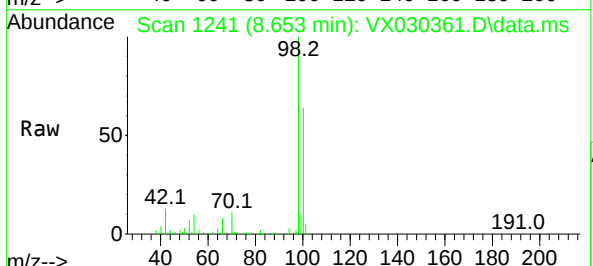
RT: 8.653 min Scan# 1241

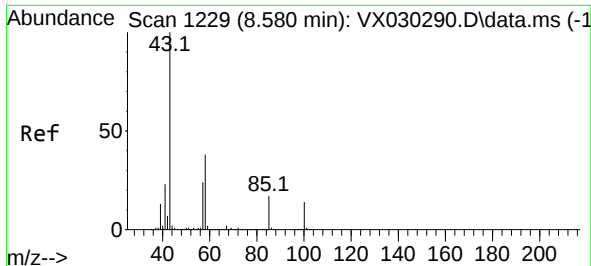
Delta R.T. 0.001 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Tgt Ion:	98	Resp:	276020
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.3	78.5





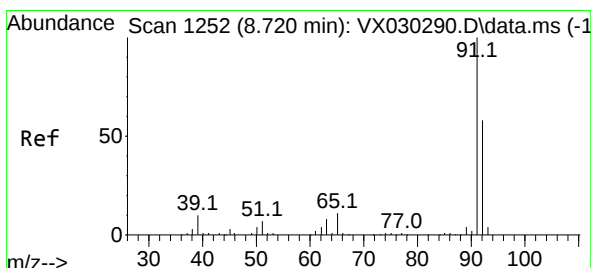
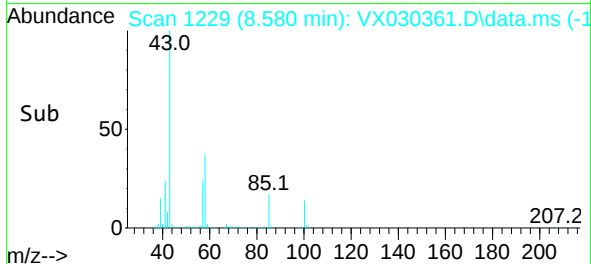
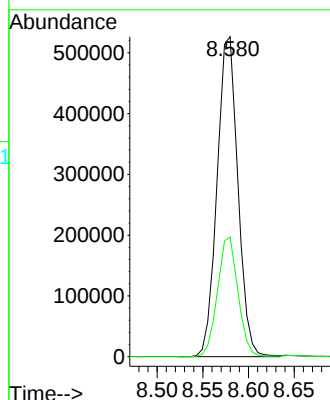
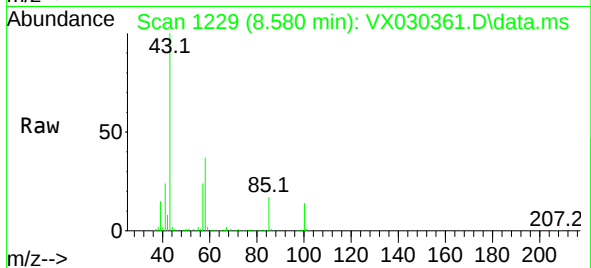
#51
4-Methyl-2-Pentanone
Concen: 272.342 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 83552
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.2

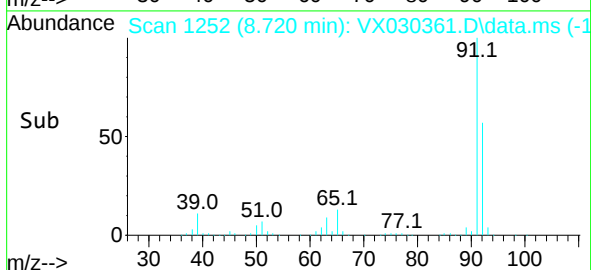
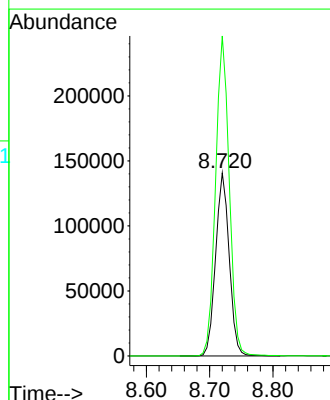
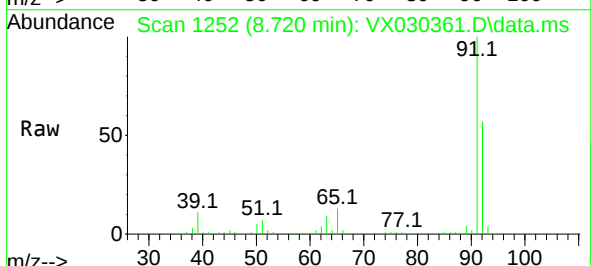
Manual Integrations
APPROVED

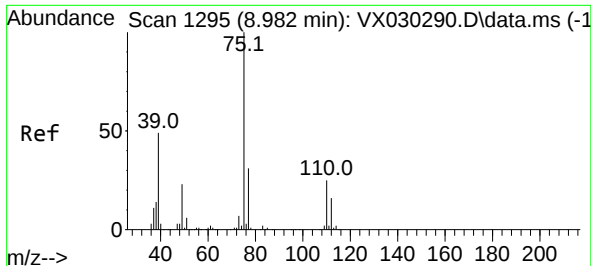
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#52
Toluene
Concen: 50.196 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion: 92 Resp: 209751
Ion Ratio Lower Upper
92 100
91 176.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 59.341 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 14445

Ion Ratio Lower Upper

75 100

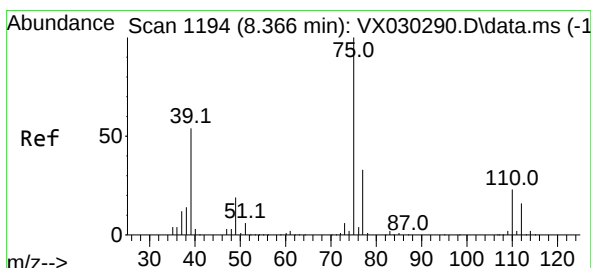
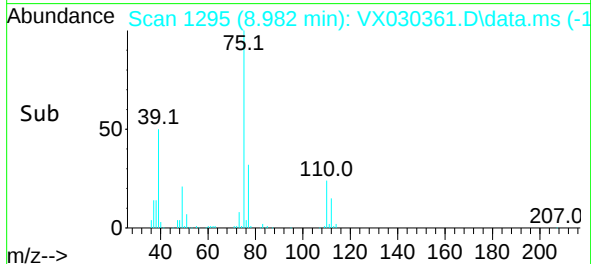
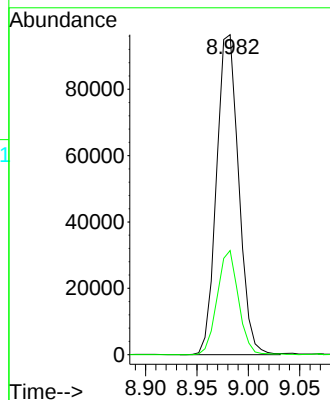
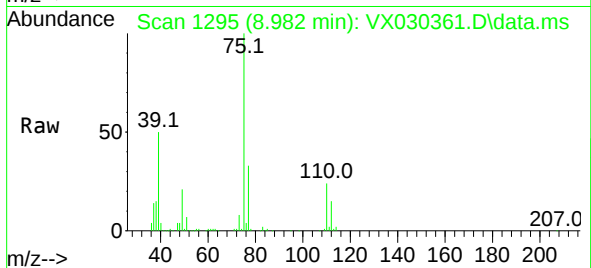
77 32.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#54

cis-1,3-Dichloropropene

Concen: 55.470 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

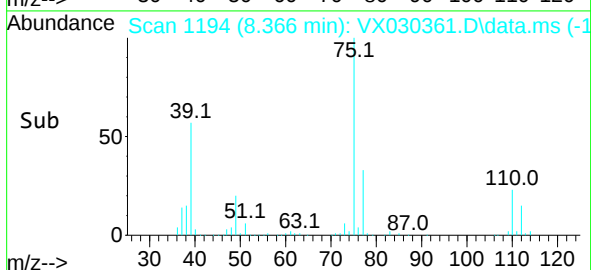
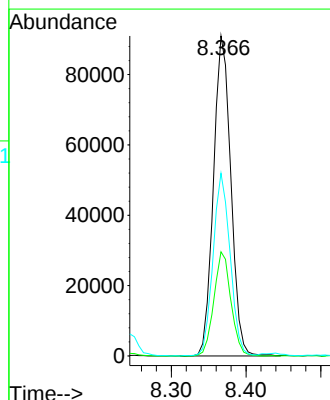
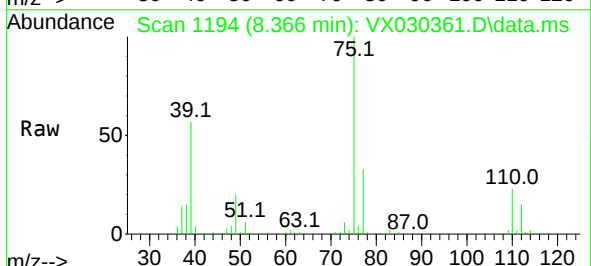
Tgt Ion: 75 Resp: 147151

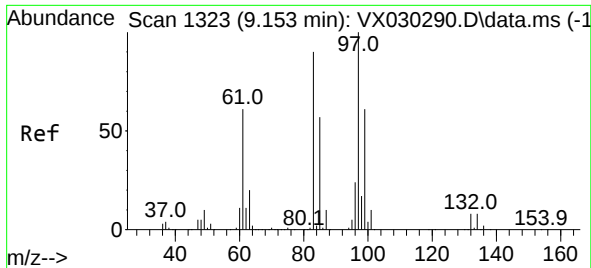
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.4

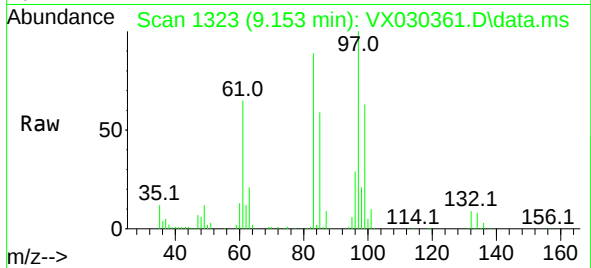
39 57.1 37.5 56.3#





#55
1,1,2-Trichloroethane
Concen: 50.946 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

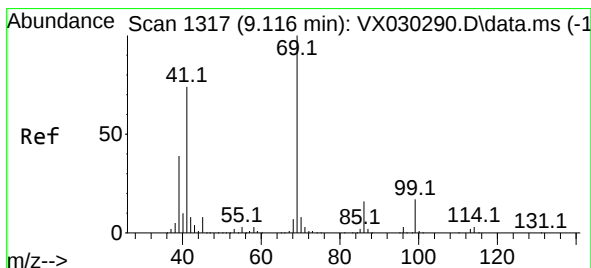
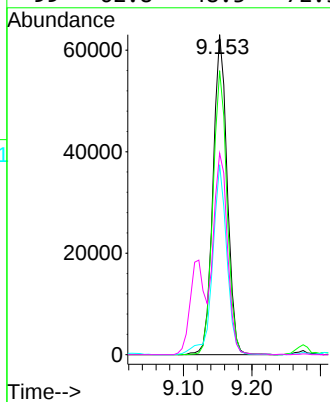
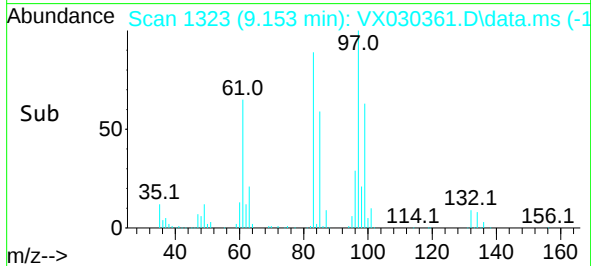
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



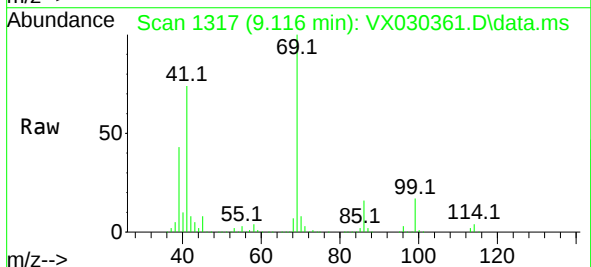
Tgt Ion: 97 Resp: 90640
Ion Ratio Lower Upper
97 100
83 88.7 68.9 103.3
85 59.4 44.0 66.0
99 62.8 48.3 72.5

Manual Integrations
APPROVED

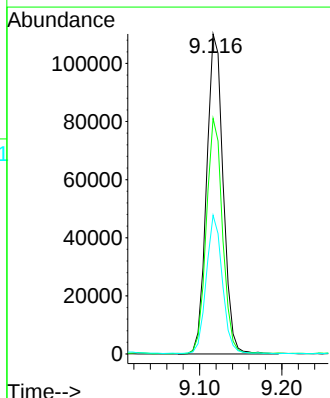
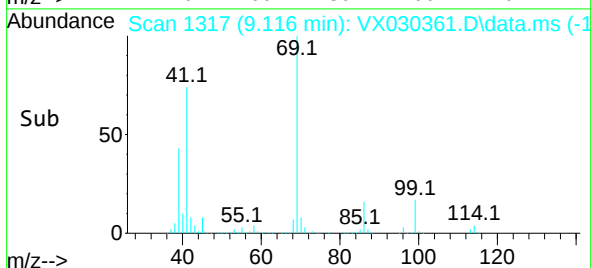
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

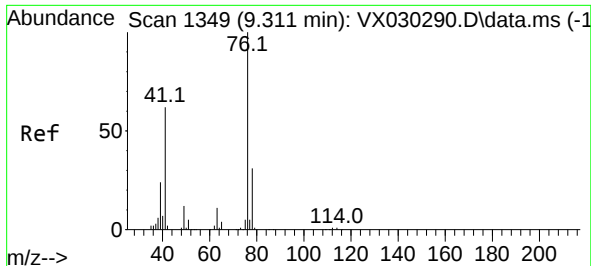


#56
Ethyl methacrylate
Concen: 54.751 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion: 69 Resp: 153991
Ion Ratio Lower Upper
69 100
41 71.8 52.3 78.5
39 42.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 51.278 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 150592

Ion Ratio Lower Upper

76 100

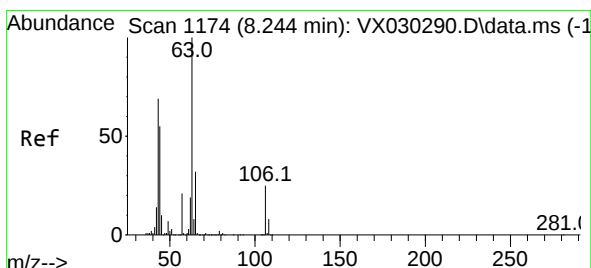
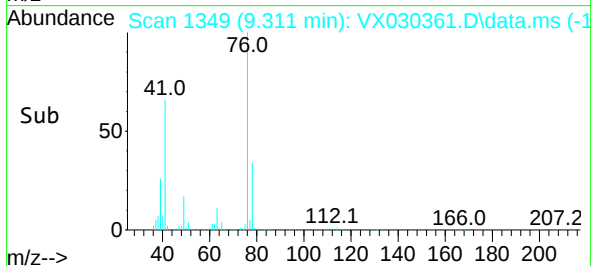
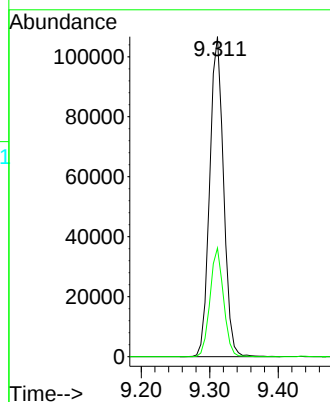
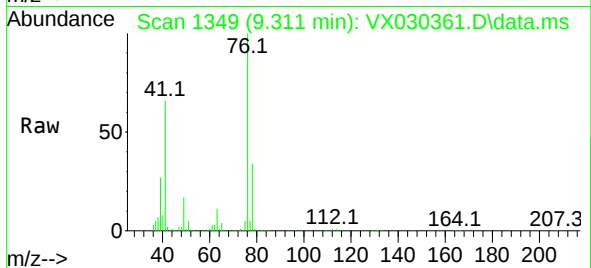
78 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#58

2-Chloroethyl Vinyl ether

Concen: 284.558 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030361.D

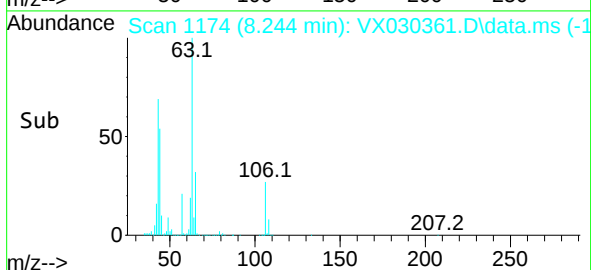
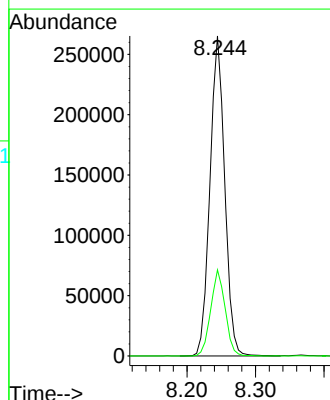
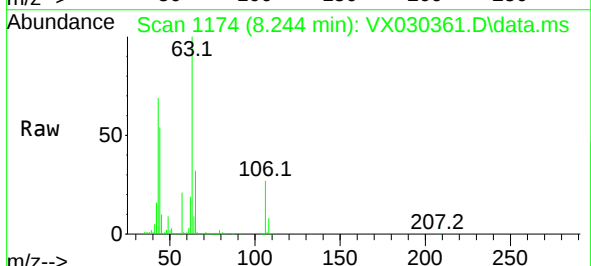
Acq: 03 Aug 2022 11:14

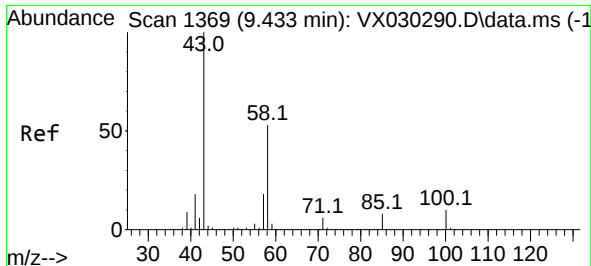
Tgt Ion: 63 Resp: 397201

Ion Ratio Lower Upper

63 100

106 26.3 22.2 33.2





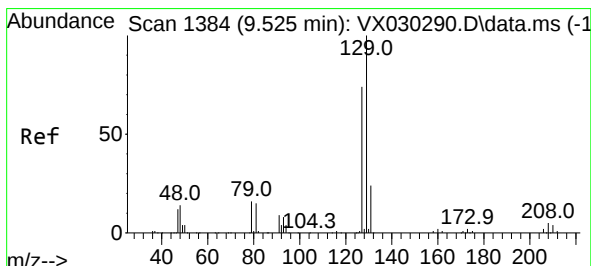
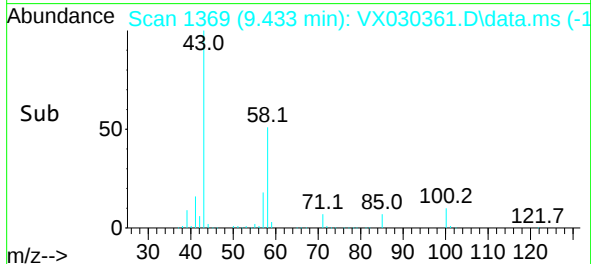
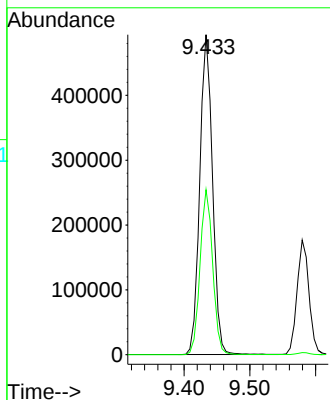
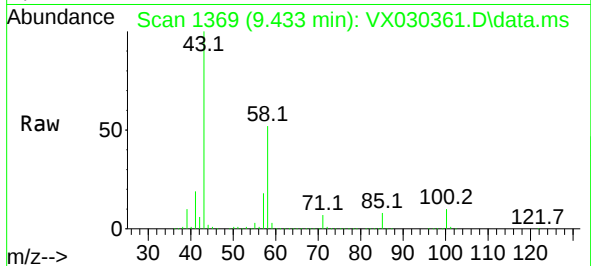
#59
2-Hexanone
Concen: 274.616 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 66468
Ion Ratio Lower Upper
43 100
58 51.1 27.6 82.8

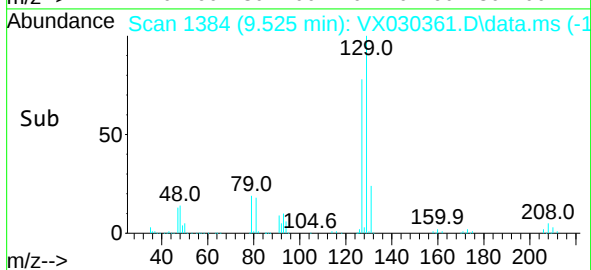
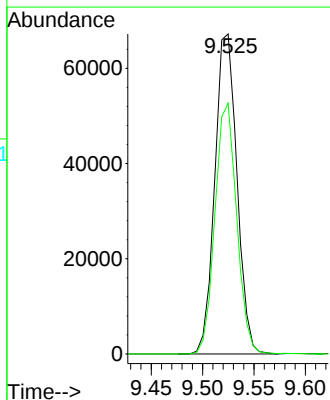
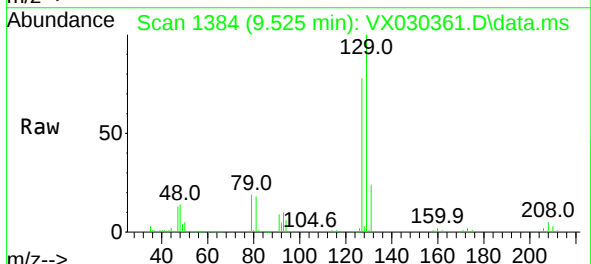
Manual Integrations
APPROVED

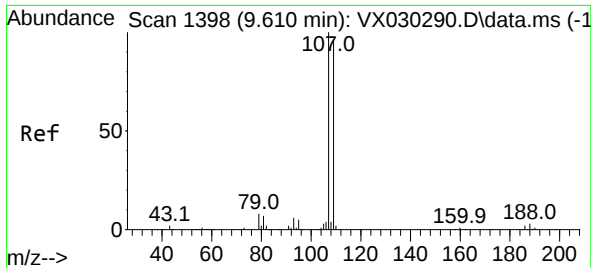
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#60
Dibromochloromethane
Concen: 61.055 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:129 Resp: 100556
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





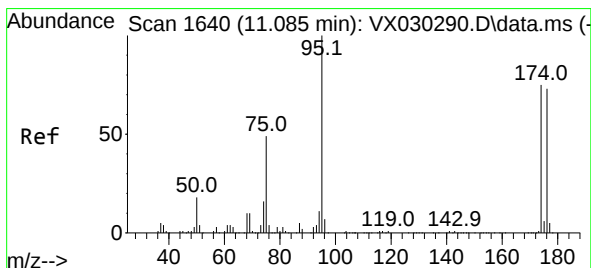
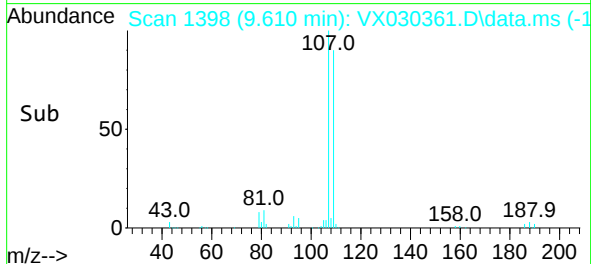
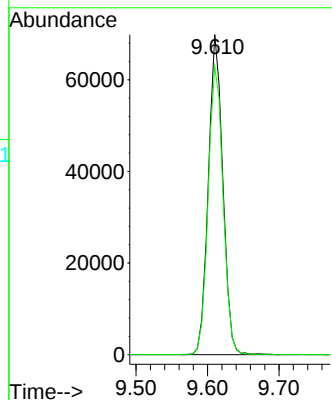
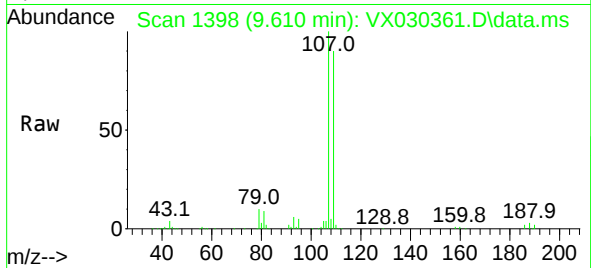
#61
1,2-Dibromoethane
Concen: 52.762 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 98019
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

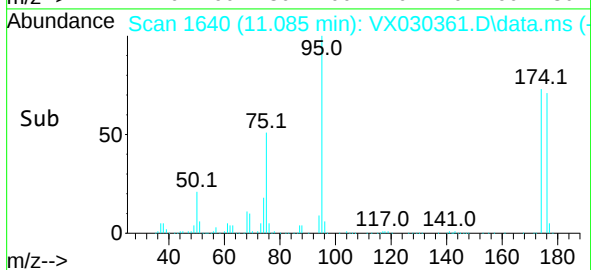
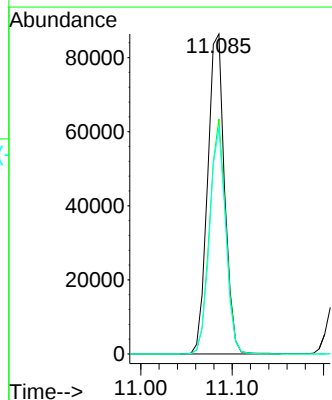
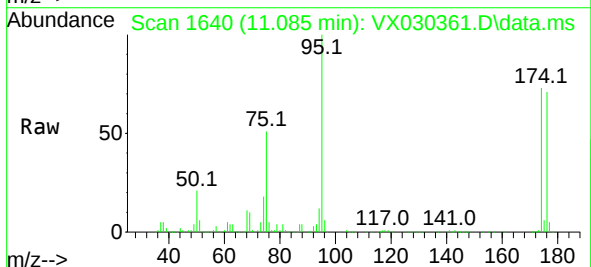
Manual Integrations
APPROVED

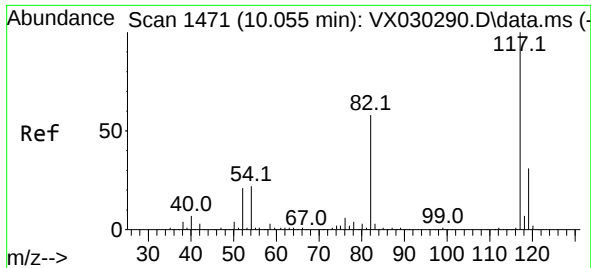
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#62
4-Bromofluorobenzene
Concen: 51.001 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

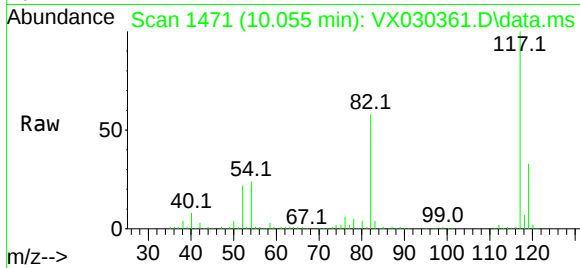
Tgt Ion: 95 Resp: 110877
Ion Ratio Lower Upper
95 100
174 70.0 0.0 149.0
176 67.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

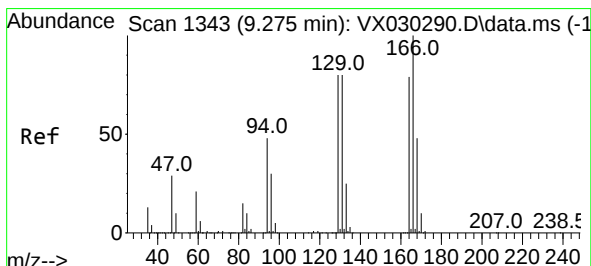
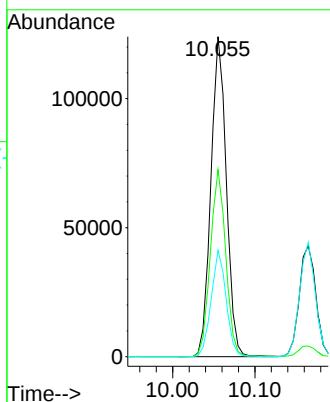
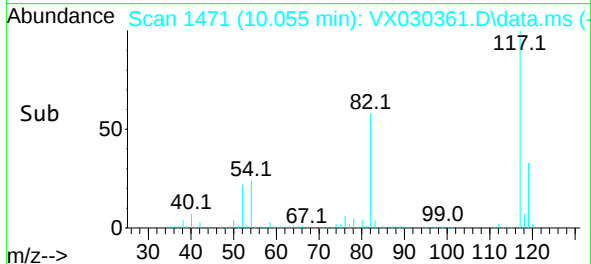
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 16168
Ion Ratio Lower Upper
117 100
82 58.4 42.7 64.1
119 33.3 25.4 38.2

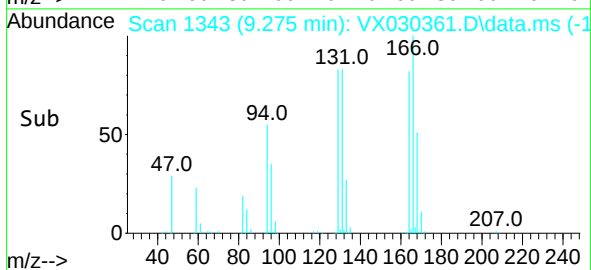
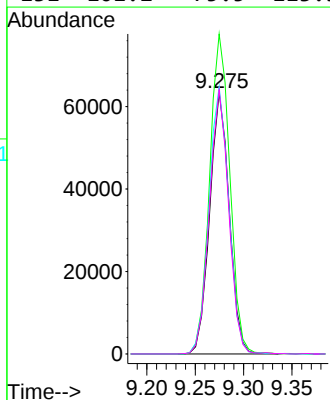
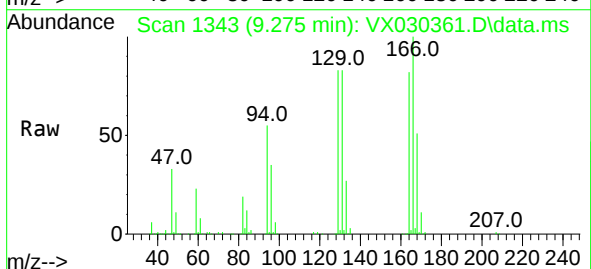
Manual Integrations
APPROVED

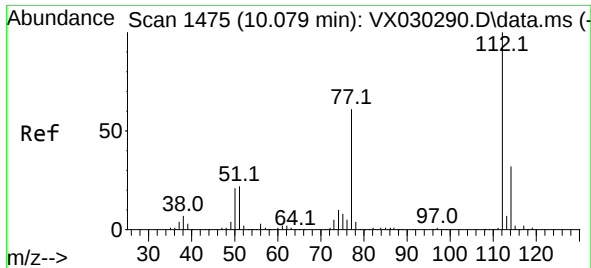
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#64
Tetrachloroethene
Concen: 51.227 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

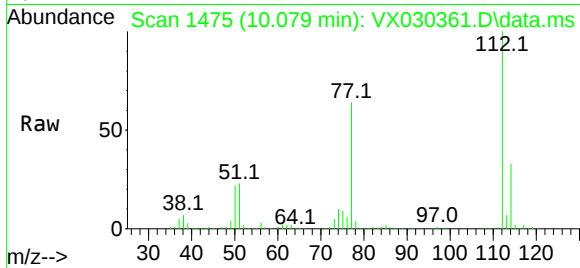
Tgt Ion:164 Resp: 89167
Ion Ratio Lower Upper
164 100
166 122.5 98.2 147.4
129 102.2 80.8 121.2
131 101.2 75.5 113.3





#65
Chlorobenzene
Concen: 51.783 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

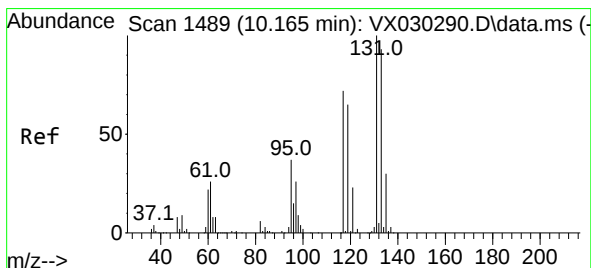
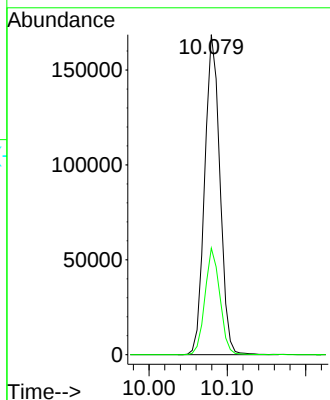
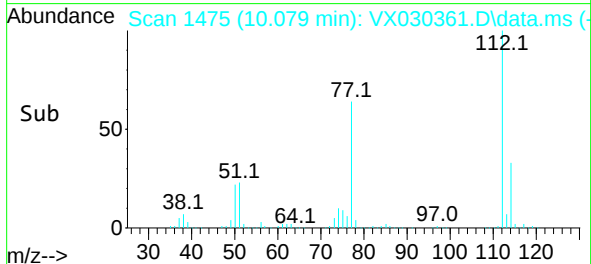
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 227420
Ion Ratio Lower Upper
112 100
114 33.3 24.6 36.8

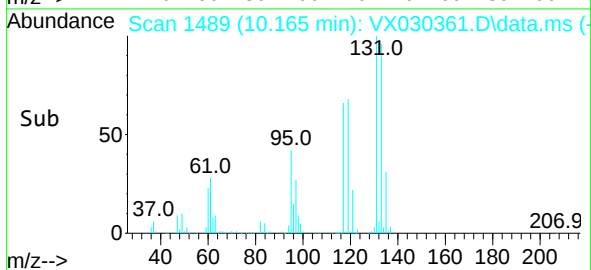
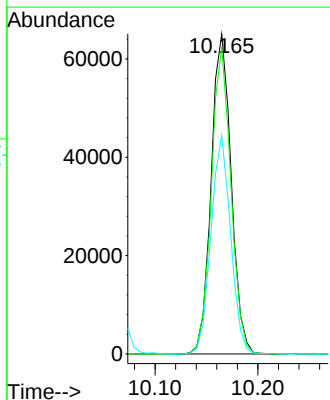
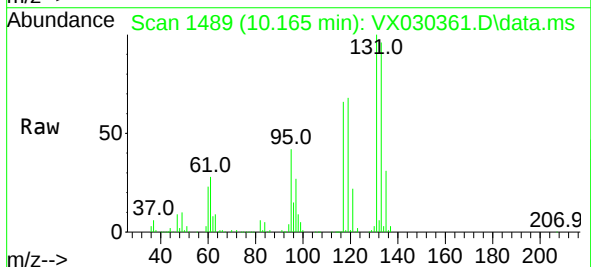
Manual Integrations
APPROVED

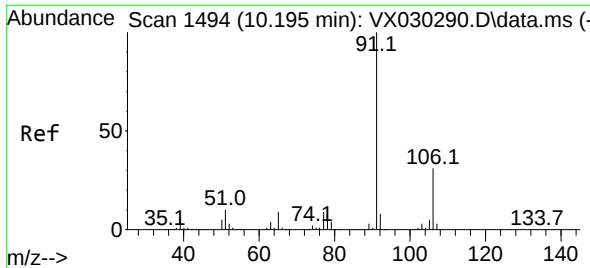
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 58.932 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

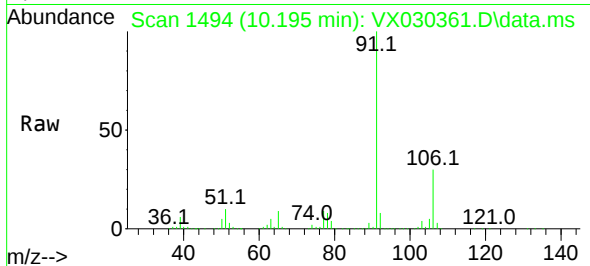
Tgt Ion:131 Resp: 87985
Ion Ratio Lower Upper
131 100
133 93.7 46.9 140.8
119 67.1 34.4 103.1





#67
Ethyl Benzene
Concen: 50.514 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

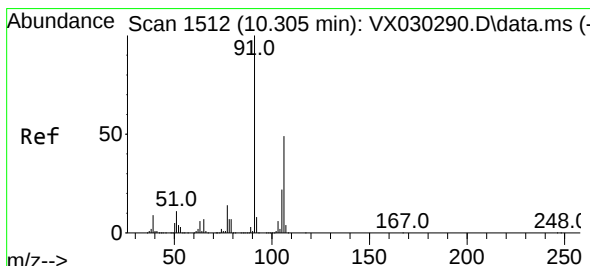
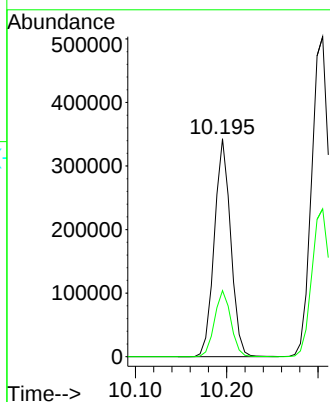
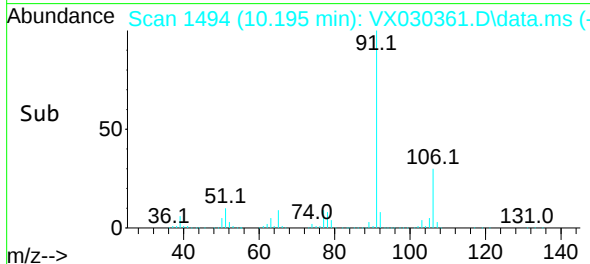
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



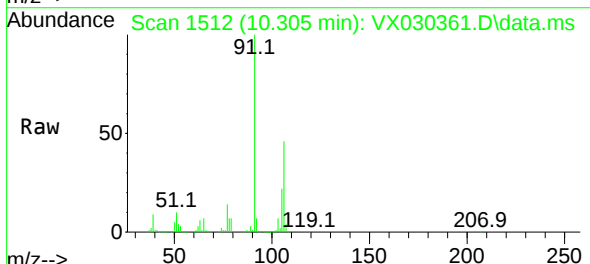
Tgt Ion: 91 Resp: 425550
Ion Ratio Lower Upper
91 100
106 30.3 25.5 38.3

Manual Integrations
APPROVED

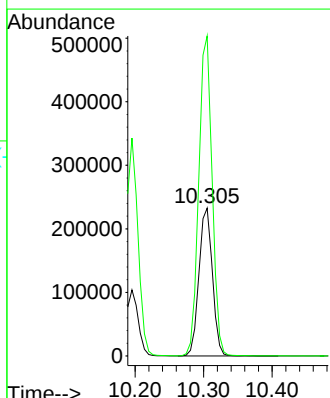
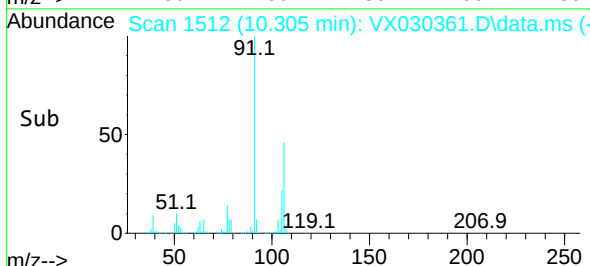
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

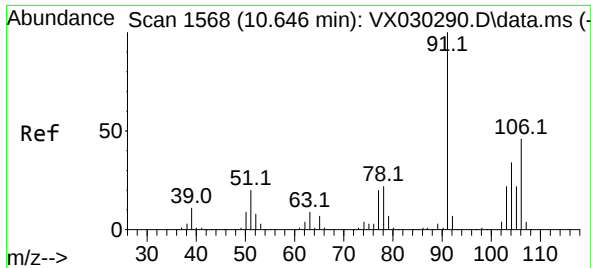


#68
m/p-Xylenes
Concen: 107.002 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion:106 Resp: 318354
Ion Ratio Lower Upper
106 100
91 214.7 158.2 237.4





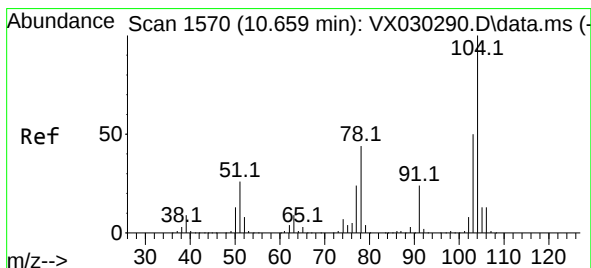
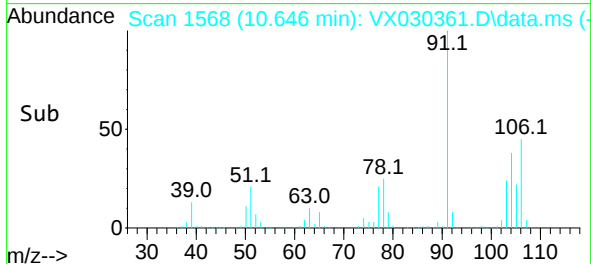
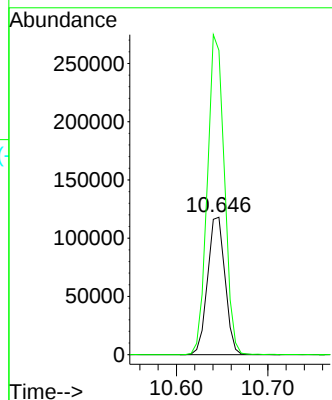
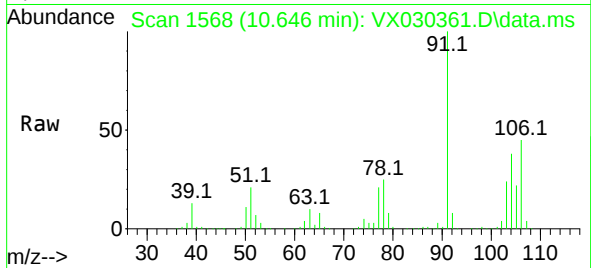
#69
o-Xylene
Concen: 53.363 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 156480
Ion Ratio Lower Upper
106 100
91 226.7 103.8 311.6

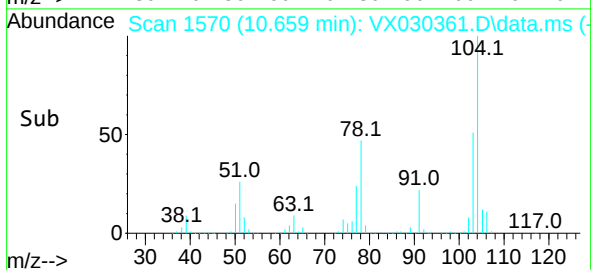
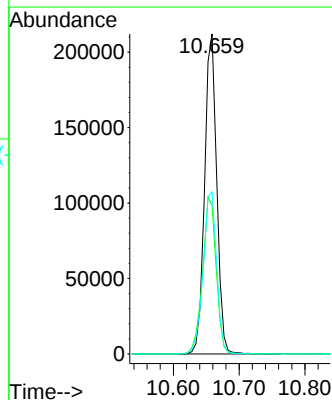
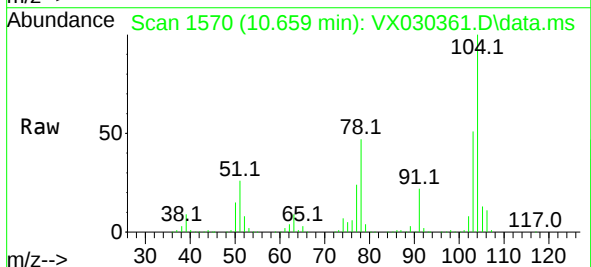
Manual Integrations
APPROVED

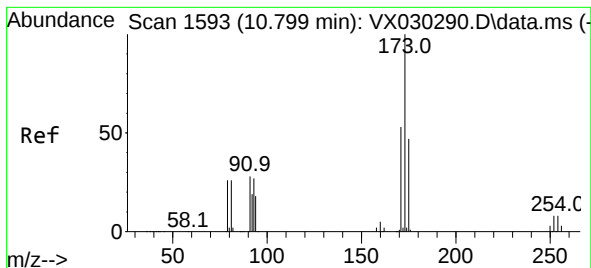
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#70
Styrene
Concen: 56.379 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

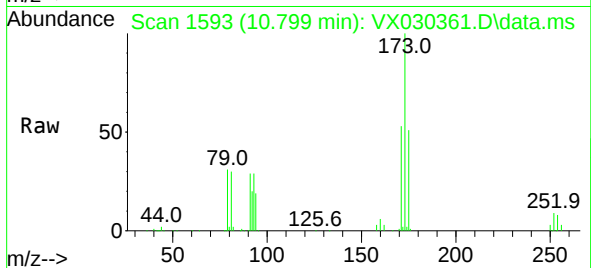
Tgt Ion:104 Resp: 271615
Ion Ratio Lower Upper
104 100
78 55.0 37.8 56.8
103 56.4 44.5 66.7





#71
Bromoform
Concen: 65.162 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

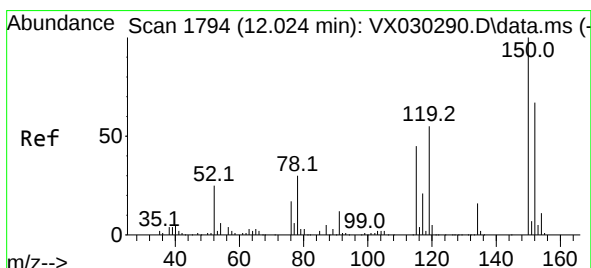
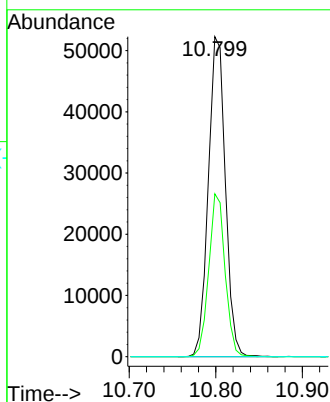
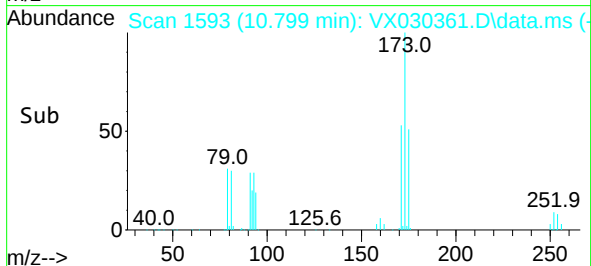
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 7152
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.2
254 0.0 0.1 0.1

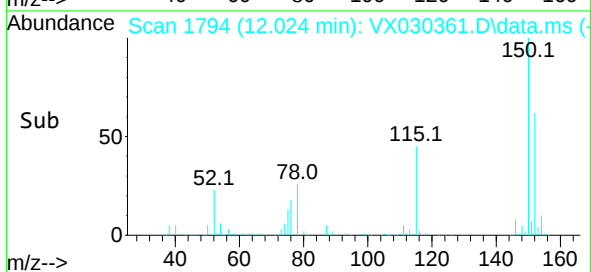
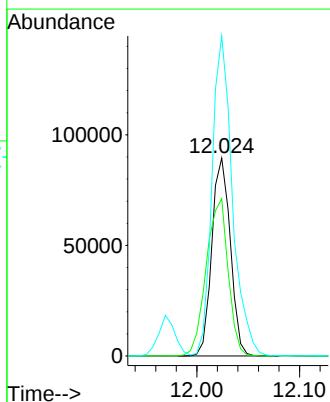
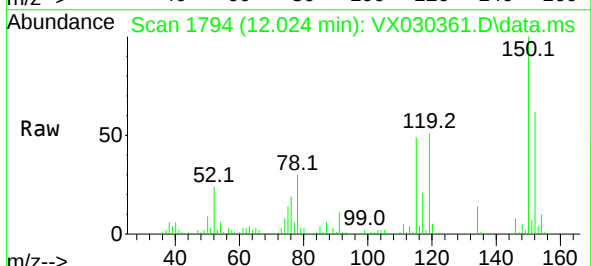
Manual Integrations
APPROVED

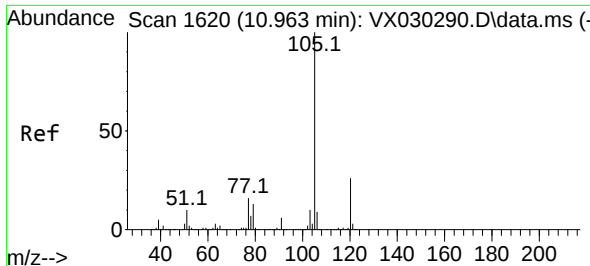
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:152 Resp: 111602
Ion Ratio Lower Upper
152 100
115 94.1 40.5 121.5
150 178.1 0.0 347.0





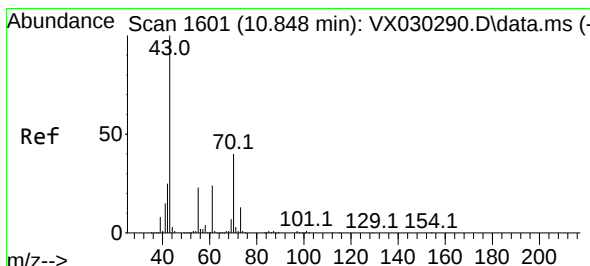
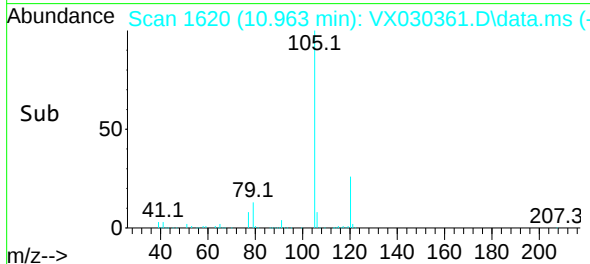
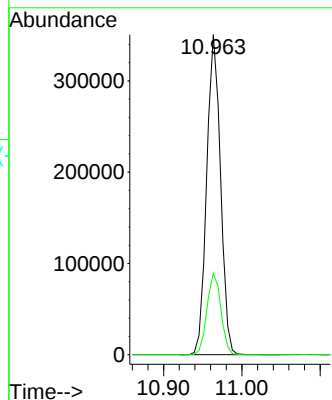
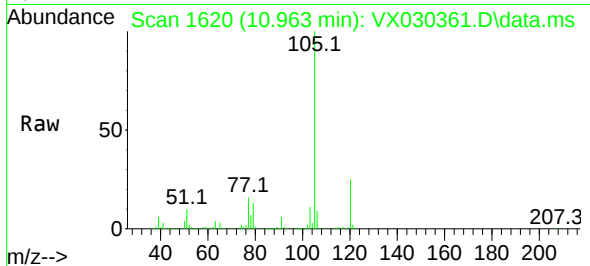
#73
Isopropylbenzene
Concen: 49.044 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 427288
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.4

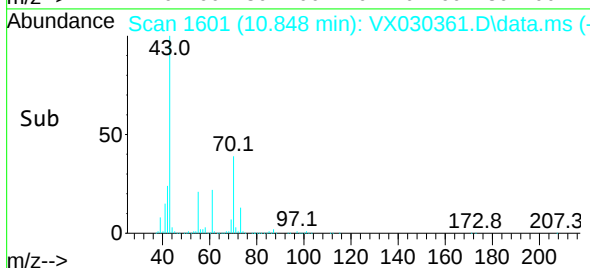
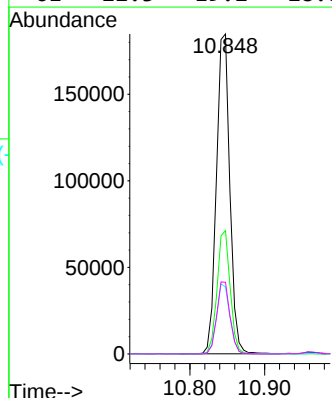
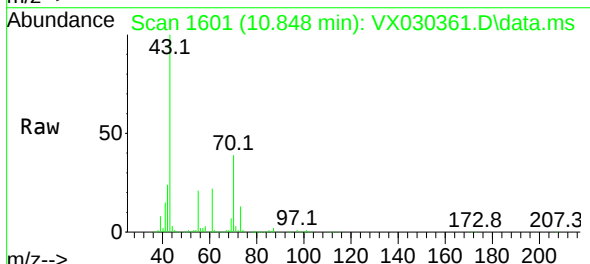
Manual Integrations
APPROVED

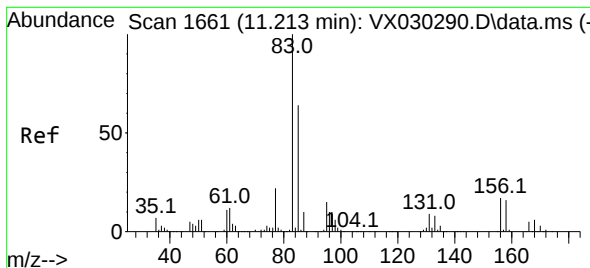
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#74
N-ethyl acetate
Concen: 54.422 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

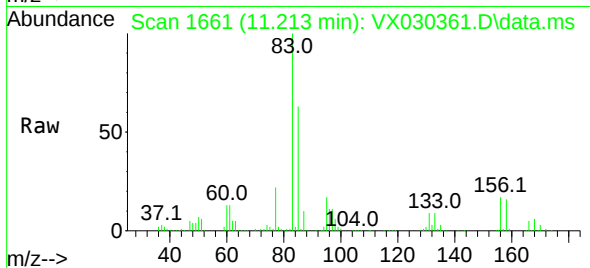
Tgt Ion: 43 Resp: 230443
Ion Ratio Lower Upper
43 100
70 37.8 32.3 48.5
55 21.8 18.4 27.6
61 22.3 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.709 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

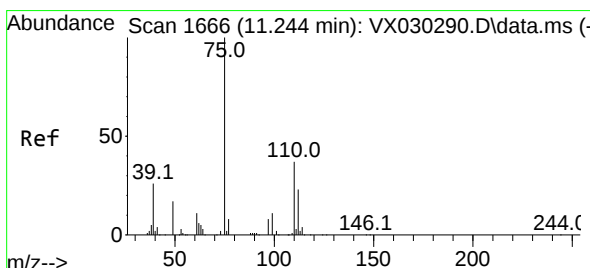
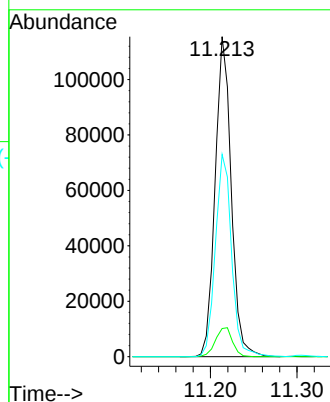
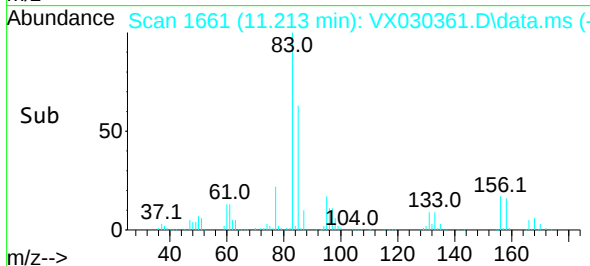
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



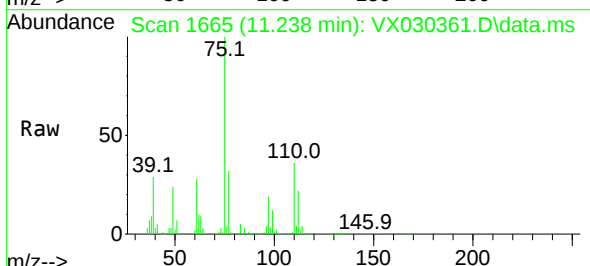
Tgt Ion: 83 Resp: 148950
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 63.8 32.5 97.5

Manual Integrations
APPROVED

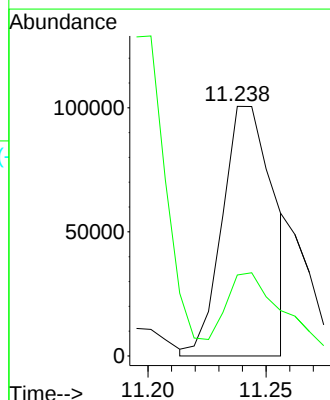
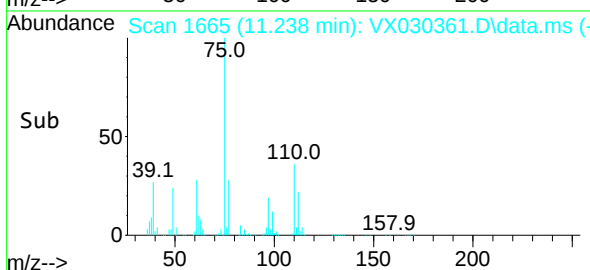
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

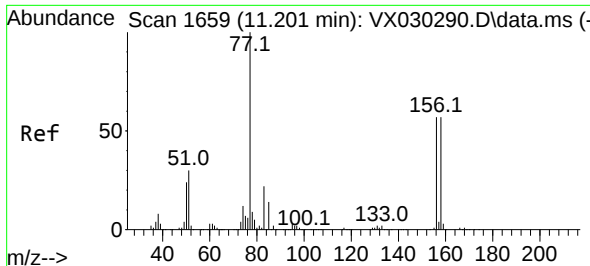


#76
1,2,3-Trichloropropane
Concen: 51.291 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



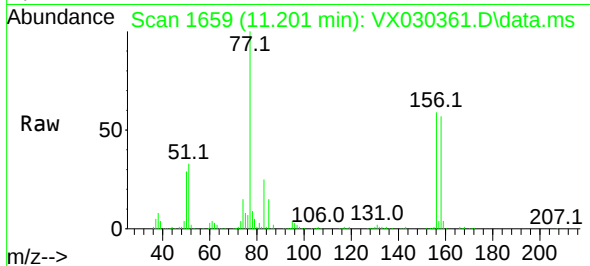
Tgt Ion: 75 Resp: 150885
Ion Ratio Lower Upper
75 100
77 38.1 19.8 59.3





#77
Bromobenzene
Concen: 47.652 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

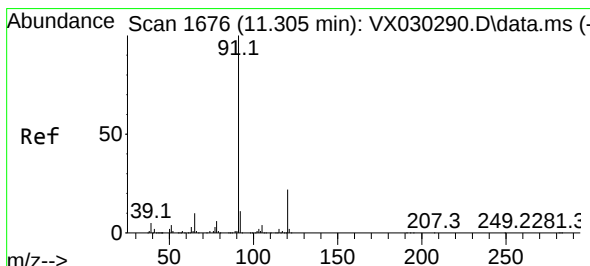
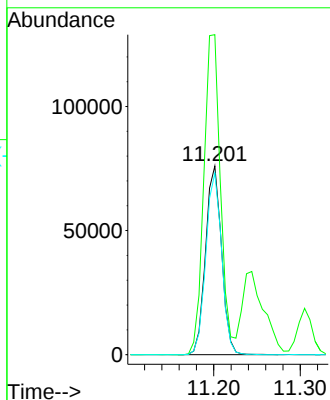
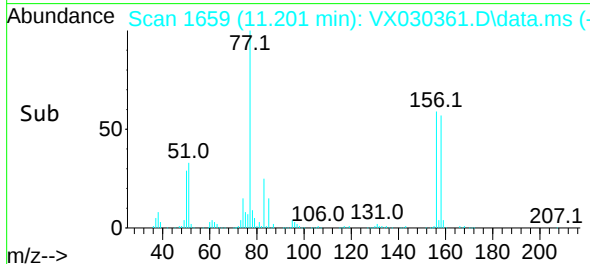
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



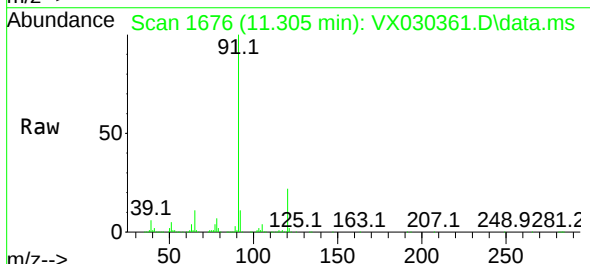
Tgt Ion: 156 Resp: 97444
Ion Ratio Lower Upper
156 100
77 177.6 82.7 247.9
158 95.4 47.5 142.5

Manual Integrations
APPROVED

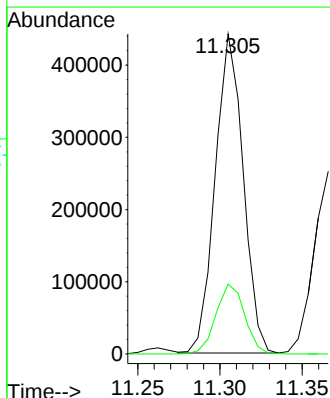
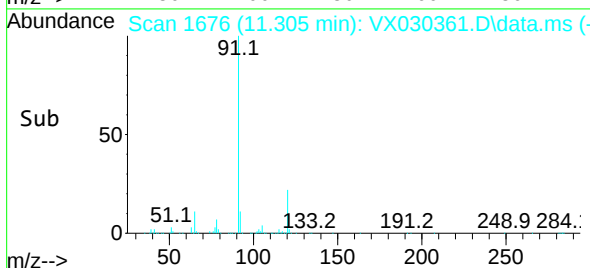
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

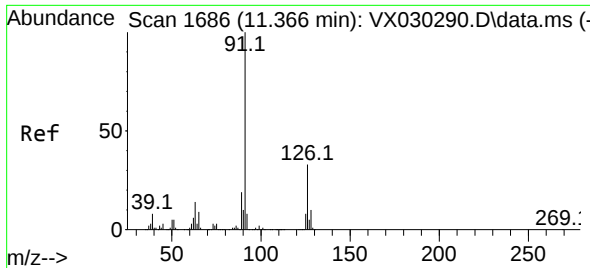


#78
n-propylbenzene
Concen: 50.297 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



Tgt Ion: 91 Resp: 523016
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8





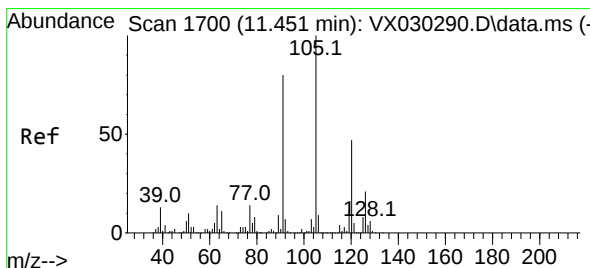
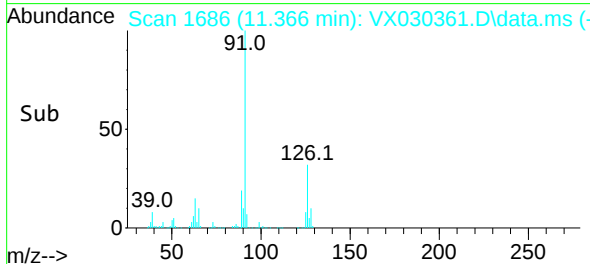
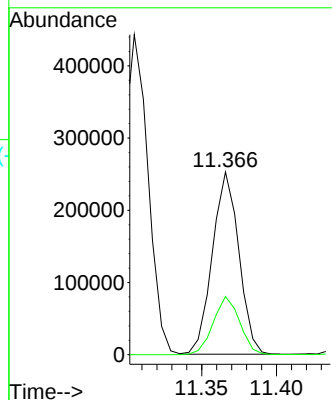
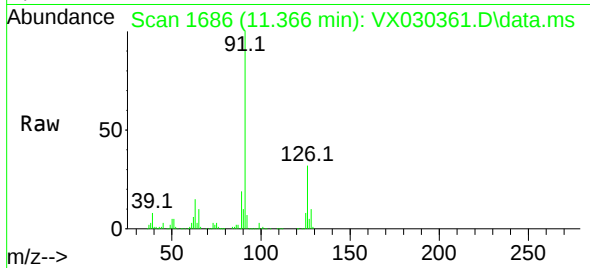
#79
2-Chlorotoluene
Concen: 47.386 ug/l
RT: 11.366 min Scan# 1116
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31116
Ion Ratio Lower Upper
91 100
126 31.9 17.4 52.3

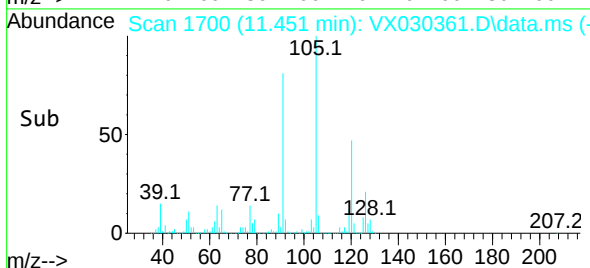
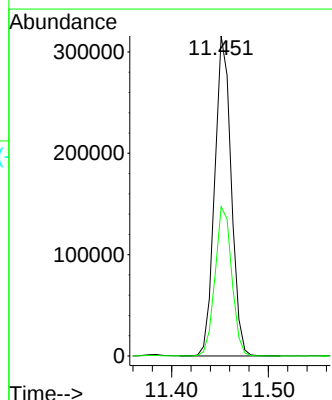
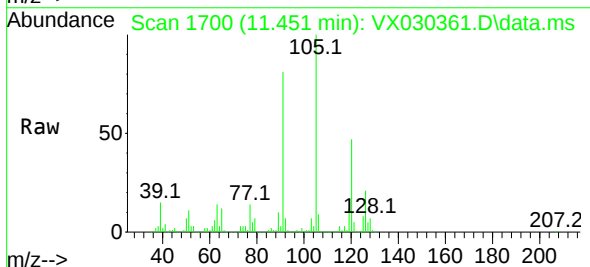
Manual Integrations
APPROVED

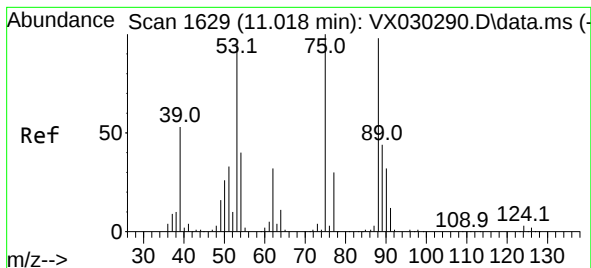
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.165 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:105 Resp: 373263
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.2





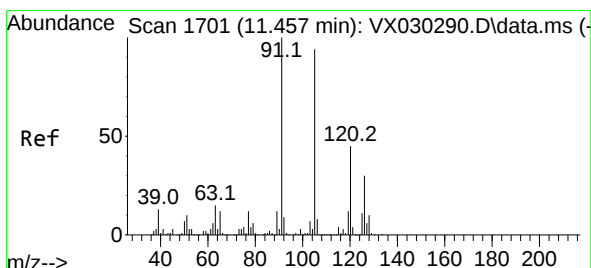
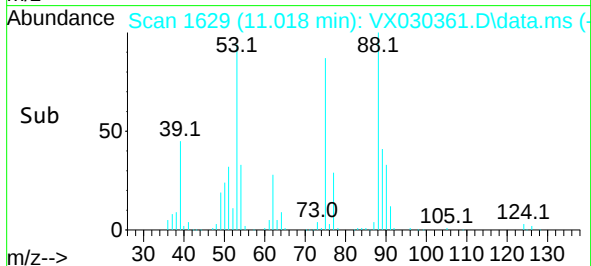
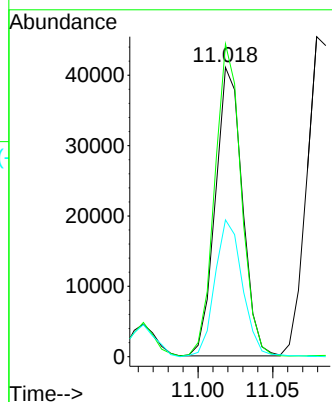
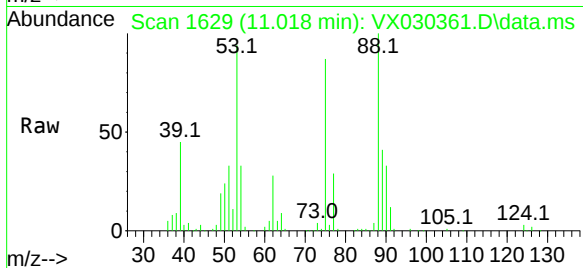
#81
trans-1,4-Dichloro-2-butene
Concen: 52.355 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 51340
Ion Ratio Lower Upper
75 100
53 106.1 74.2 111.4
89 48.7 34.8 52.2

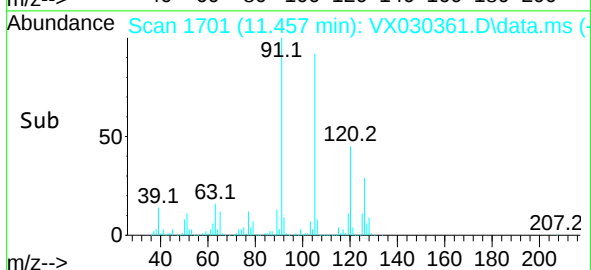
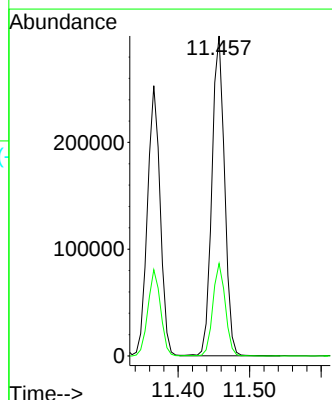
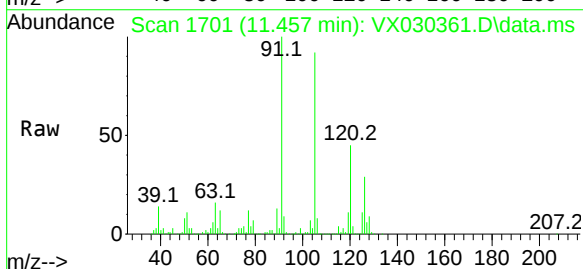
Manual Integrations
APPROVED

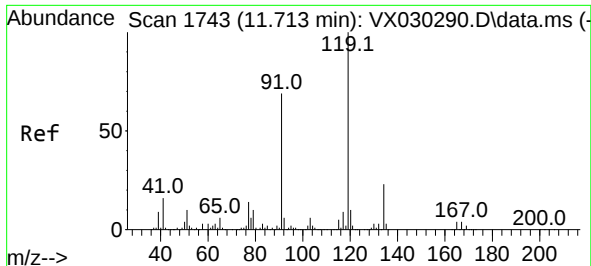
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#82
4-Chlorotoluene
Concen: 51.402 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

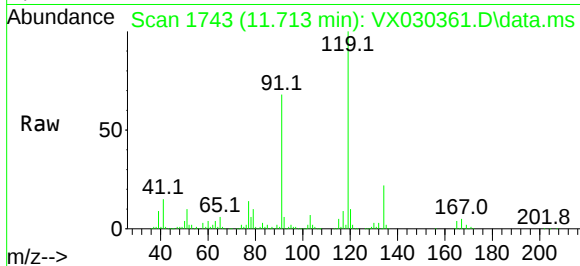
Tgt Ion: 91 Resp: 368789
Ion Ratio Lower Upper
91 100
126 28.4 15.3 45.9





#83
tert-Butylbenzene
Concen: 52.011 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

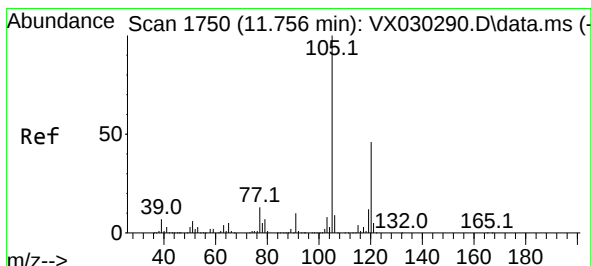
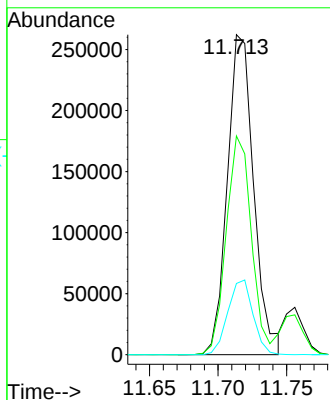
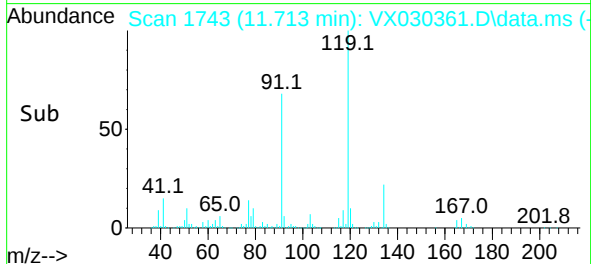
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



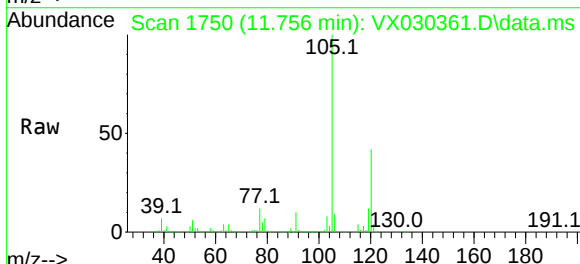
Tgt Ion:119 Resp: 351690
Ion Ratio Lower Upper
119 100
91 65.2 28.3 84.9
134 22.3 11.2 33.5

Manual Integrations
APPROVED

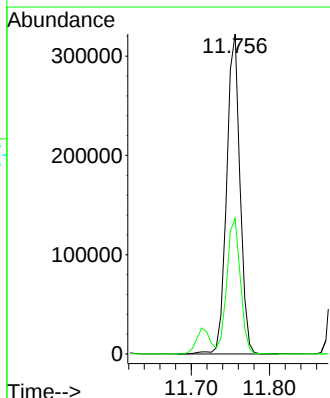
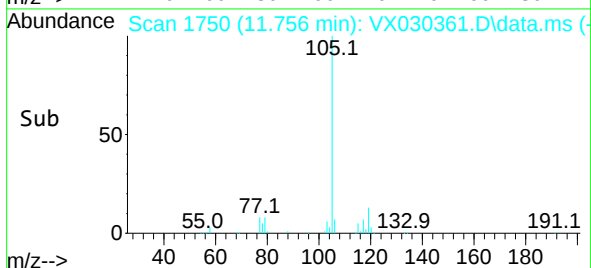
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

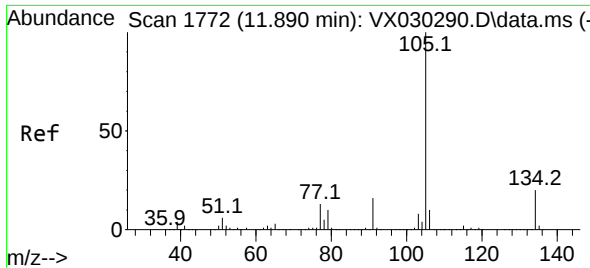


#84
1,2,4-Trimethylbenzene
Concen: 52.589 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



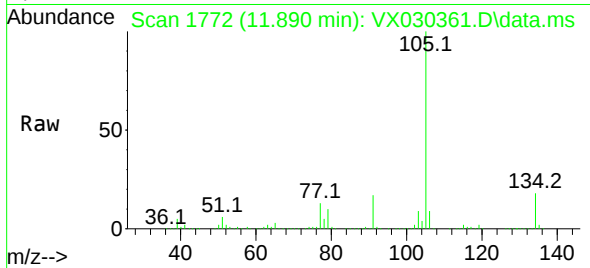
Tgt Ion:105 Resp: 382753
Ion Ratio Lower Upper
105 100
120 42.9 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 51.762 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14

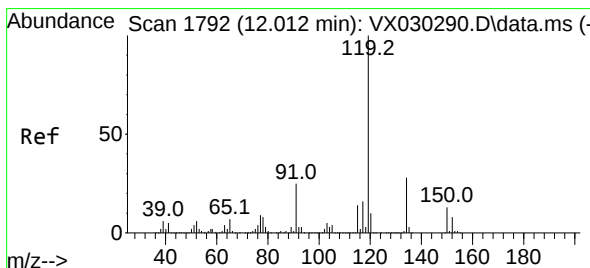
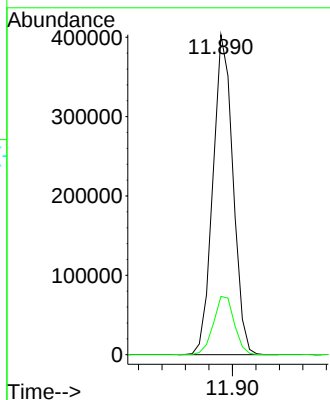
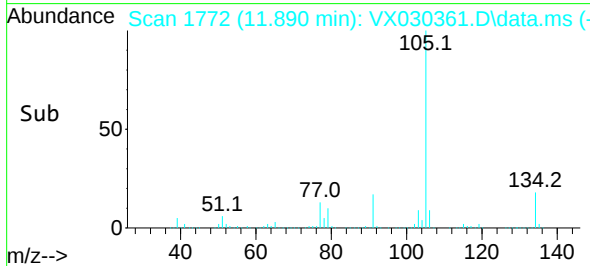
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



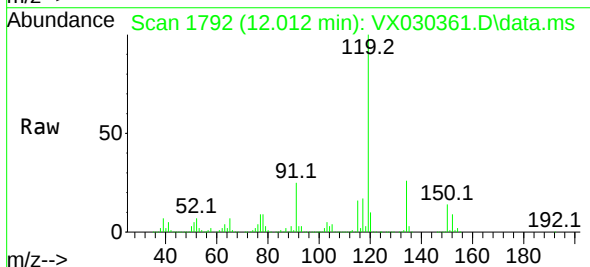
Tgt Ion:105 Resp: 47905
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 30.0

Manual Integrations
 APPROVED

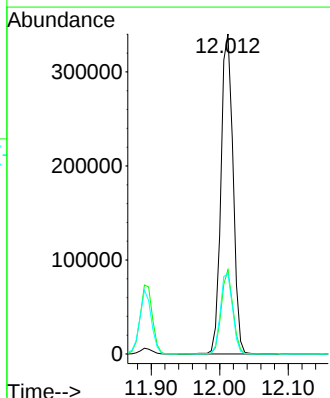
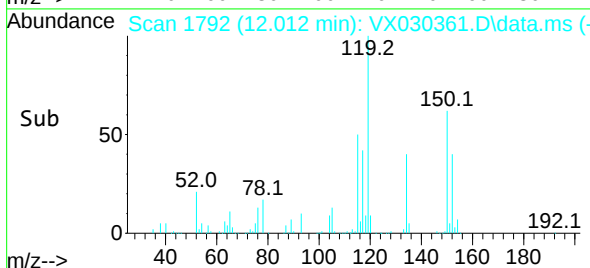
Reviewed By :John Carlone 08/04/2022
 Supervised By :Mahesh Dadoda 08/04/2022

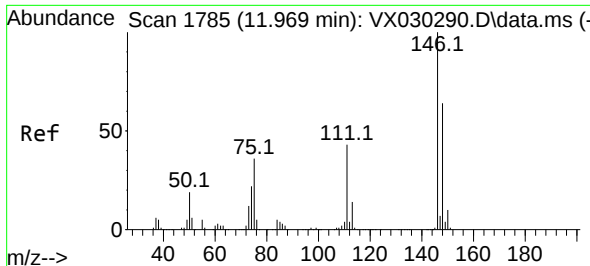


#86
 p-Isopropyltoluene
 Concen: 55.991 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030361.D
 Acq: 03 Aug 2022 11:14



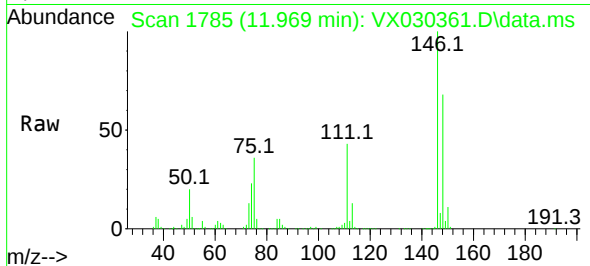
Tgt Ion:119 Resp: 414577
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.9 41.6
 91 25.5 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 51.137 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.006 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

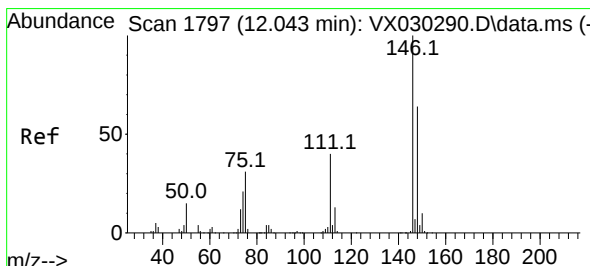
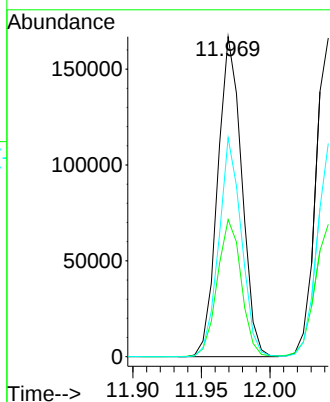
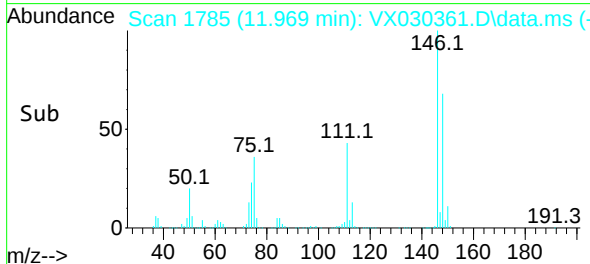
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



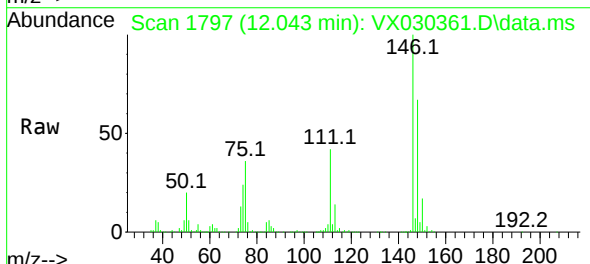
Tgt Ion:146 Resp: 203369
Ion Ratio Lower Upper
146 100
111 42.8 20.3 60.8
148 64.5 31.8 95.3

Manual Integrations
APPROVED

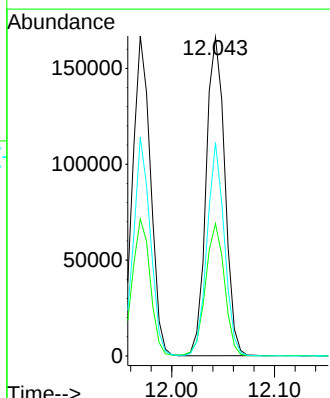
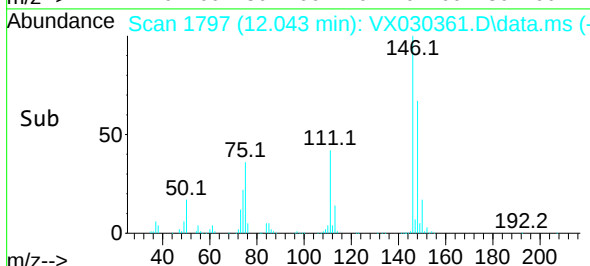
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022

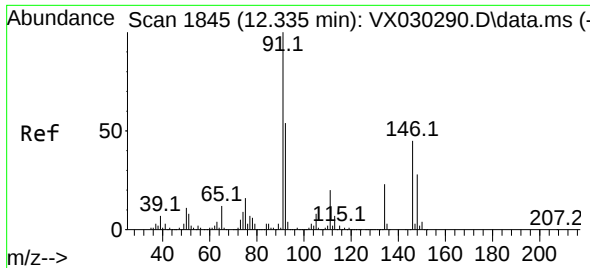


#88
1,4-Dichlorobenzene
Concen: 51.949 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14



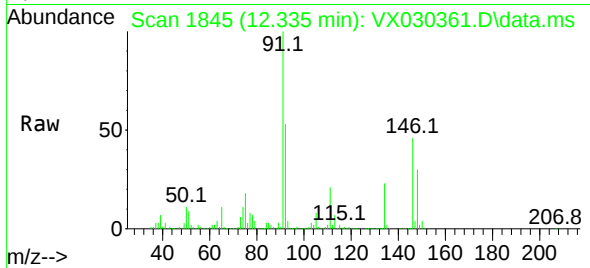
Tgt Ion:146 Resp: 210312
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 61.9 32.3 96.8





#89
n-Butylbenzene
Concen: 58.416 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

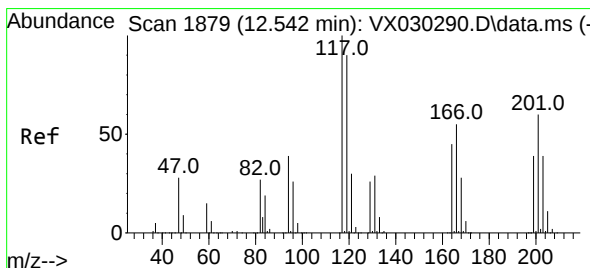
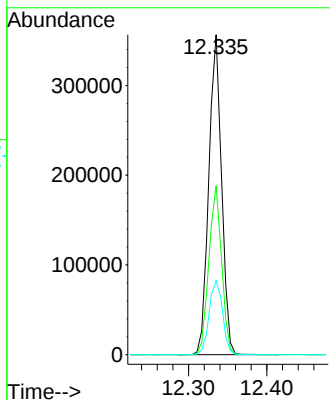
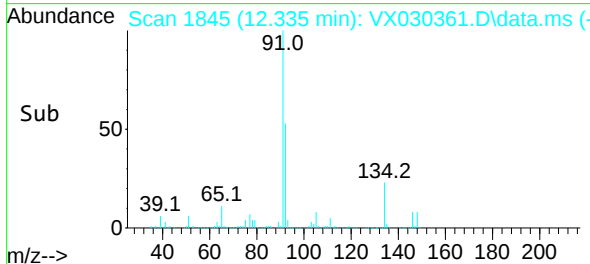
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 402694
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.3 12.6 37.8

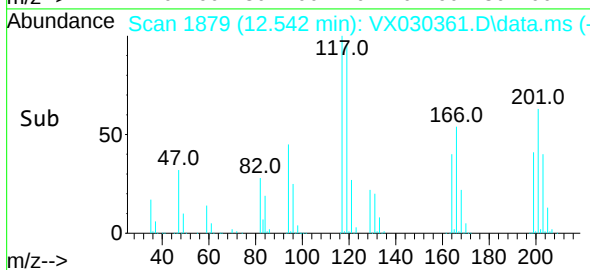
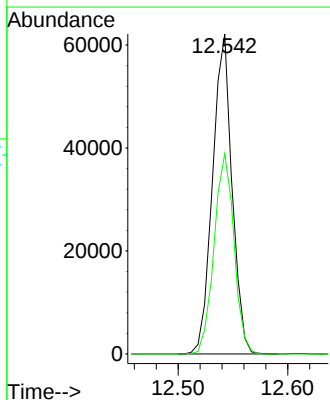
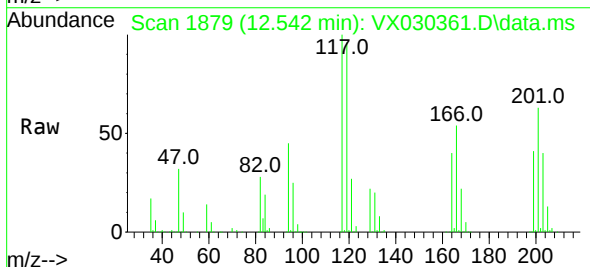
Manual Integrations
APPROVED

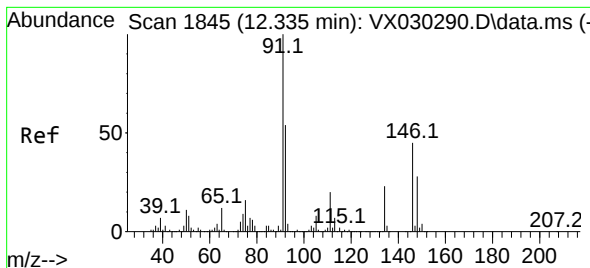
Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#90
Hexachloroethane
Concen: 60.111 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:117 Resp: 76633
Ion Ratio Lower Upper
117 100
201 64.1 34.2 102.5





#91

1,2-Dichlorobenzene

Concen: 53.552 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 20904

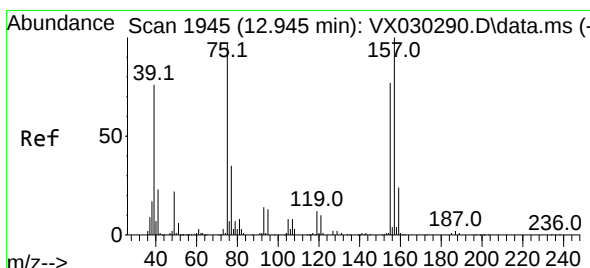
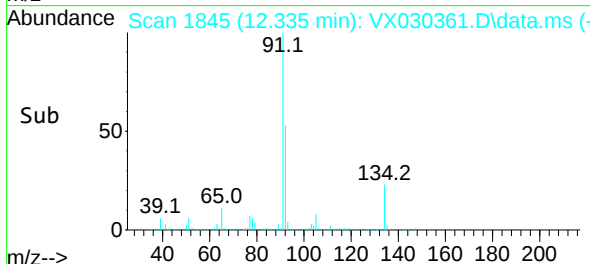
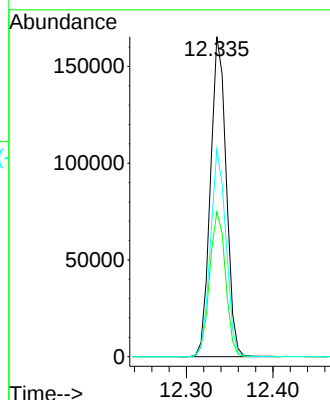
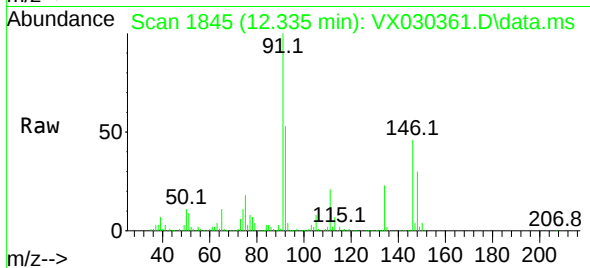
Ion	Ratio	Lower	Upper
146	100		
111	45.5	20.7	62.1
148	63.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 63.410 ug/l

RT: 12.945 min Scan# 1945

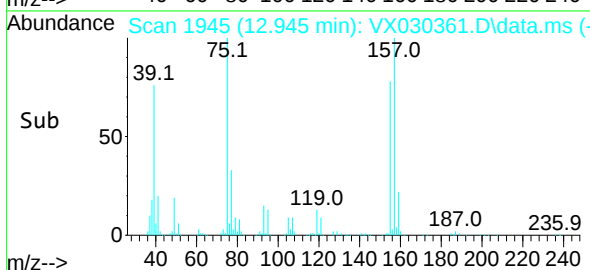
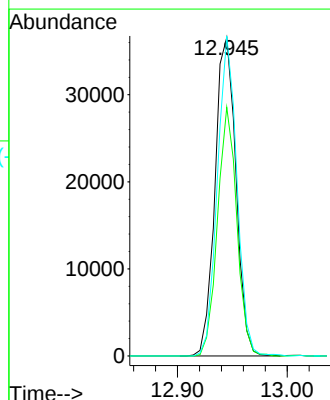
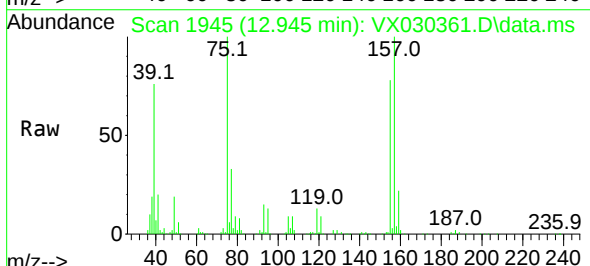
Delta R.T. 0.001 min

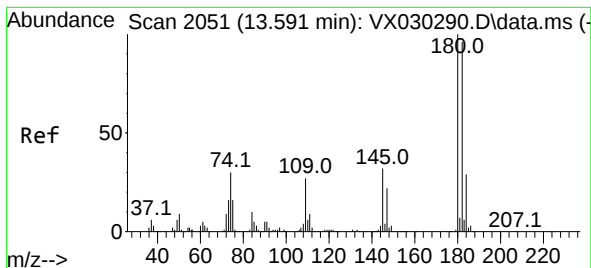
Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Tgt Ion: 75 Resp: 48498

Ion	Ratio	Lower	Upper
75	100		
155	71.9	45.0	134.8
157	93.7	56.9	170.7





#93

1,2,4-Trichlorobenzene

Concen: 57.098 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

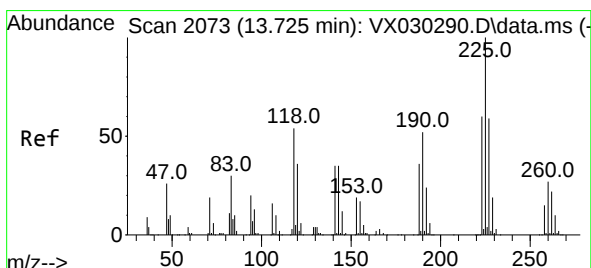
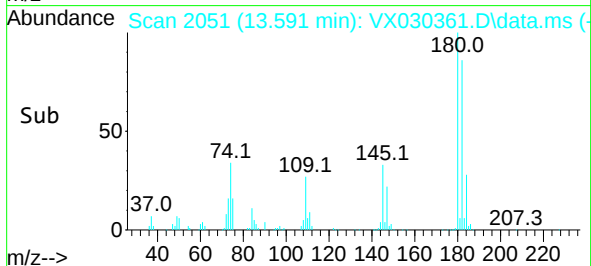
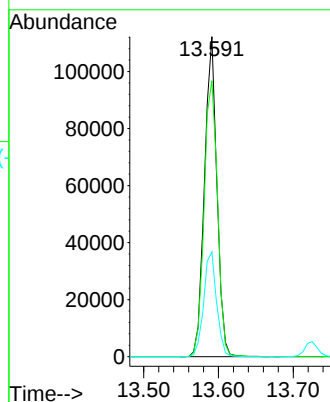
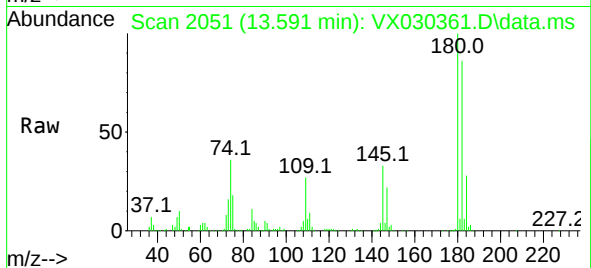
Tgt Ion:180	Resp:	12925
Ion Ratio	Lower	Upper
180	100	
182	93.0	48.2 144.6
145	34.1	15.9 47.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/04/2022

Supervised By :Mahesh Dadoda 08/04/2022



#94

Hexachlorobutadiene

Concen: 58.599 ug/l

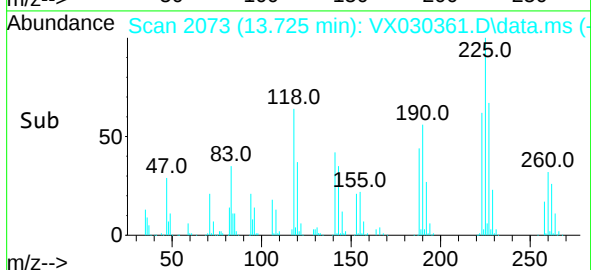
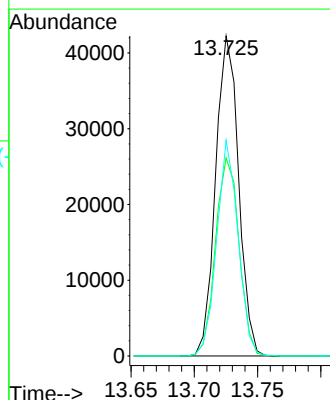
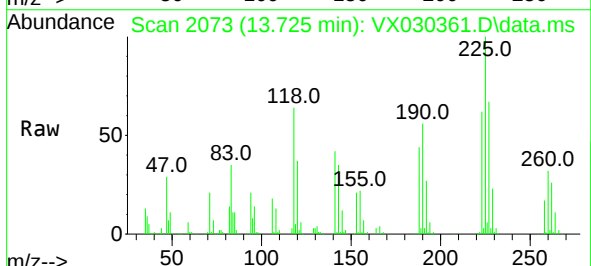
RT: 13.725 min Scan# 2073

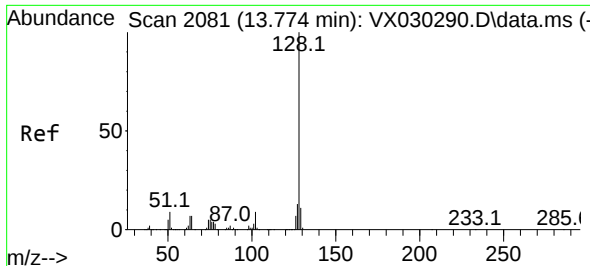
Delta R.T. 0.000 min

Lab File: VX030361.D

Acq: 03 Aug 2022 11:14

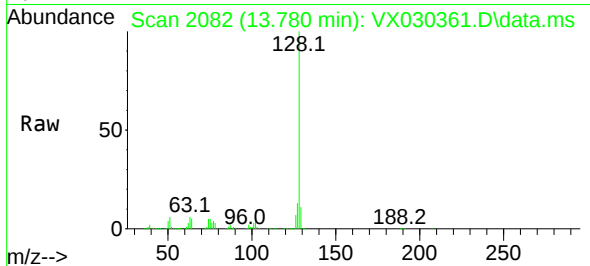
Tgt Ion:225	Resp:	53263
Ion Ratio	Lower	Upper
225	100	
223	63.4	30.6 91.6
227	62.7	31.9 95.9





#95
Naphthalene
Concen: 57.672 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

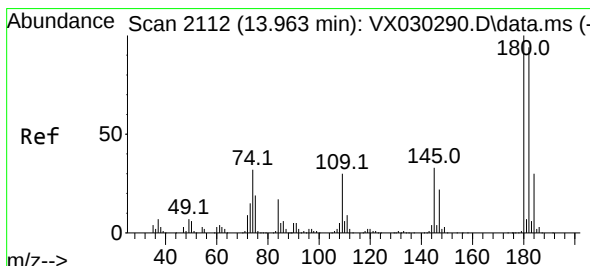
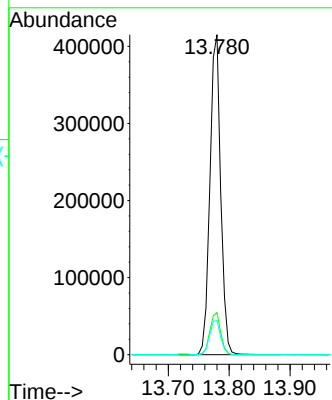
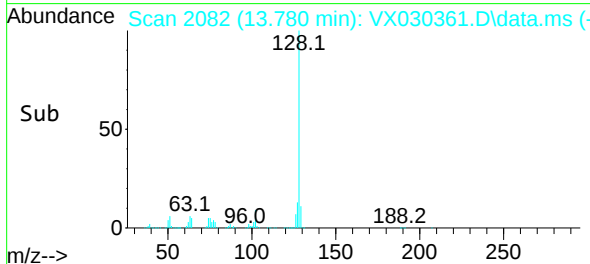
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 509955
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/04/2022
Supervised By :Mahesh Dadoda 08/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.518 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.001 min
Lab File: VX030361.D
Acq: 03 Aug 2022 11:14

Tgt Ion:180 Resp: 135855
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 35.5 17.0 50.9

