

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031916.D
 Acq On : 06 Oct 2022 12:58
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134161	118.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 237.460%#			
35) Dibromofluoromethane	5.385	113	119054	101.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.920%#			
50) Toluene-d8	8.653	98	428515	102.781	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 205.560%#			
62) 4-Bromofluorobenzene	11.079	95	159469	106.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.040%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101877	118.565	ug/l	97
3) Chloromethane	1.288	50	93208	119.459	ug/l	99
4) Vinyl Chloride	1.374	62	112802	114.386	ug/l	100
5) Bromomethane	1.611	94	79426	90.635	ug/l	97
6) Chloroethane	1.684	64	108178	126.934	ug/l	99
7) Trichlorofluoromethane	1.886	101	204357	102.486	ug/l	99
8) Diethyl Ether	2.130	74	70618	103.645	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	104152	107.183	ug/l	90
10) Methyl Iodide	2.453	142	121775	126.548	ug/l	99
11) Tert butyl alcohol	3.044	59	80774m	473.050	ug/l	
12) 1,1-Dichloroethene	2.319	96	98160	106.800	ug/l	87
13) Acrolein	2.239	56	50065	499.309	ug/l	100
14) Allyl chloride	2.660	41	142514	139.832	ug/l	96
15) Acrylonitrile	3.068	53	251516	594.045	ug/l	98
16) Acetone	2.392	43	195633	584.787	ug/l	94
17) Carbon Disulfide	2.507	76	222733	121.511	ug/l	99
18) Methyl Acetate	2.703	43	142222	129.510	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	333856	116.743	ug/l	100
20) Methylene Chloride	2.788	84	108477	102.570	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	107094	104.687	ug/l	93
22) Diisopropyl ether	3.763	45	315310	132.658	ug/l	95
23) Vinyl Acetate	3.721	43	1261176	712.864	ug/l	96
24) 1,1-Dichloroethane	3.611	63	185066	117.817	ug/l	96
25) 2-Butanone	4.562	43	329892	616.349	ug/l	95
26) 2,2-Dichloropropane	4.477	77	149710	127.395	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	128625	107.012	ug/l	87
28) Bromochloromethane	4.897	49	85604	134.201	ug/l #	79
29) Tetrahydrofuran	5.013	42	215257	641.182	ug/l	92
30) Chloroform	5.098	83	209113	110.528	ug/l	97
31) Cyclohexane	5.470	56	158461	118.624	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	188073	113.832	ug/l	97
36) 1,1-Dichloropropene	5.696	75	148996	106.505	ug/l	96
37) Ethyl Acetate	4.714	43	138376	123.163	ug/l	98
38) Carbon Tetrachloride	5.678	117	166007	103.013	ug/l	99
39) Methylcyclohexane	7.385	83	183405	103.159	ug/l	92
40) Benzene	6.037	78	438181	104.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74890	128.032	ug/l	95
42) 1,2-Dichloroethane	6.086	62	158783	111.883	ug/l	96
43) Isopropyl Acetate	6.342	43	229270	133.270	ug/l	96
44) Trichloroethene	7.123	130	130560	94.179	ug/l	91
45) 1,2-Dichloropropane	7.433	63	108098	113.563	ug/l	97
46) Dibromomethane	7.580	93	84226	102.818	ug/l #	90
47) Bromodichloromethane	7.824	83	161351	114.481	ug/l	99
48) Methyl methacrylate	7.696	41	108161	131.496	ug/l	92
49) 1,4-Dioxane	7.702	88	46187	1790.503	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	719260	620.338	ug/l	97
52) Toluene	8.720	92	292932	99.790	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	166592	129.630	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	183451	124.331	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	119691	99.291	ug/l	96
56) Ethyl methacrylate	9.116	69	171428	120.188	ug/l	94
57) 1,3-Dichloropropane	9.311	76	192341	105.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	426789	595.418	ug/l	92
59) 2-Hexanone	9.433	43	529558	628.496	ug/l	96
60) Dibromochloromethane	9.525	129	130654	109.354	ug/l	100
61) 1,2-Dibromoethane	9.610	107	126949	99.987	ug/l	98
64) Tetrachloroethene	9.275	164	127095	90.473	ug/l	99
65) Chlorobenzene	10.079	112	323731	97.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120072	103.722	ug/l	98
67) Ethyl Benzene	10.195	91	563005	104.441	ug/l	99
68) m/p-Xylenes	10.305	106	448984	199.597	ug/l	98
69) o-Xylene	10.640	106	220625	99.885	ug/l	95
70) Styrene	10.658	104	366745	105.322	ug/l	98
71) Bromoform	10.799	173	92287	110.427	ug/l #	100
73) Isopropylbenzene	10.963	105	576805	105.415	ug/l	99
74) N-amyl acetate	10.847	43	209973	161.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	171816	110.893	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	153628m	118.002	ug/l	
77) Bromobenzene	11.201	156	142592	98.060	ug/l	94
78) n-propylbenzene	11.305	91	666660	112.884	ug/l	99
79) 2-Chlorotoluene	11.366	91	385163	107.261	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	486521	107.138	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48379	147.150	ug/l	95
82) 4-Chlorotoluene	11.457	91	456633	110.973	ug/l	99
83) tert-Butylbenzene	11.719	119	481376	106.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	486879	107.348	ug/l	99
85) sec-Butylbenzene	11.890	105	599512	108.562	ug/l	100
86) p-Isopropyltoluene	12.012	119	519954	107.664	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	274601	99.745	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	275361	97.175	ug/l	98
89) n-Butylbenzene	12.335	91	445265	120.868	ug/l	99
90) Hexachloroethane	12.542	117	83518	127.880	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	266588	96.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36255	130.267	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	169530	97.911	ug/l	98
94) Hexachlorobutadiene	13.725	225	69268	99.050	ug/l	98
95) Naphthalene	13.774	128	576186	103.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173094	99.301	ug/l	98

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ClientSampleId :
VSTDICC100

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QLast Update : Thu Oct 06 13:10:59 2022
Response via : Initial Calibration

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

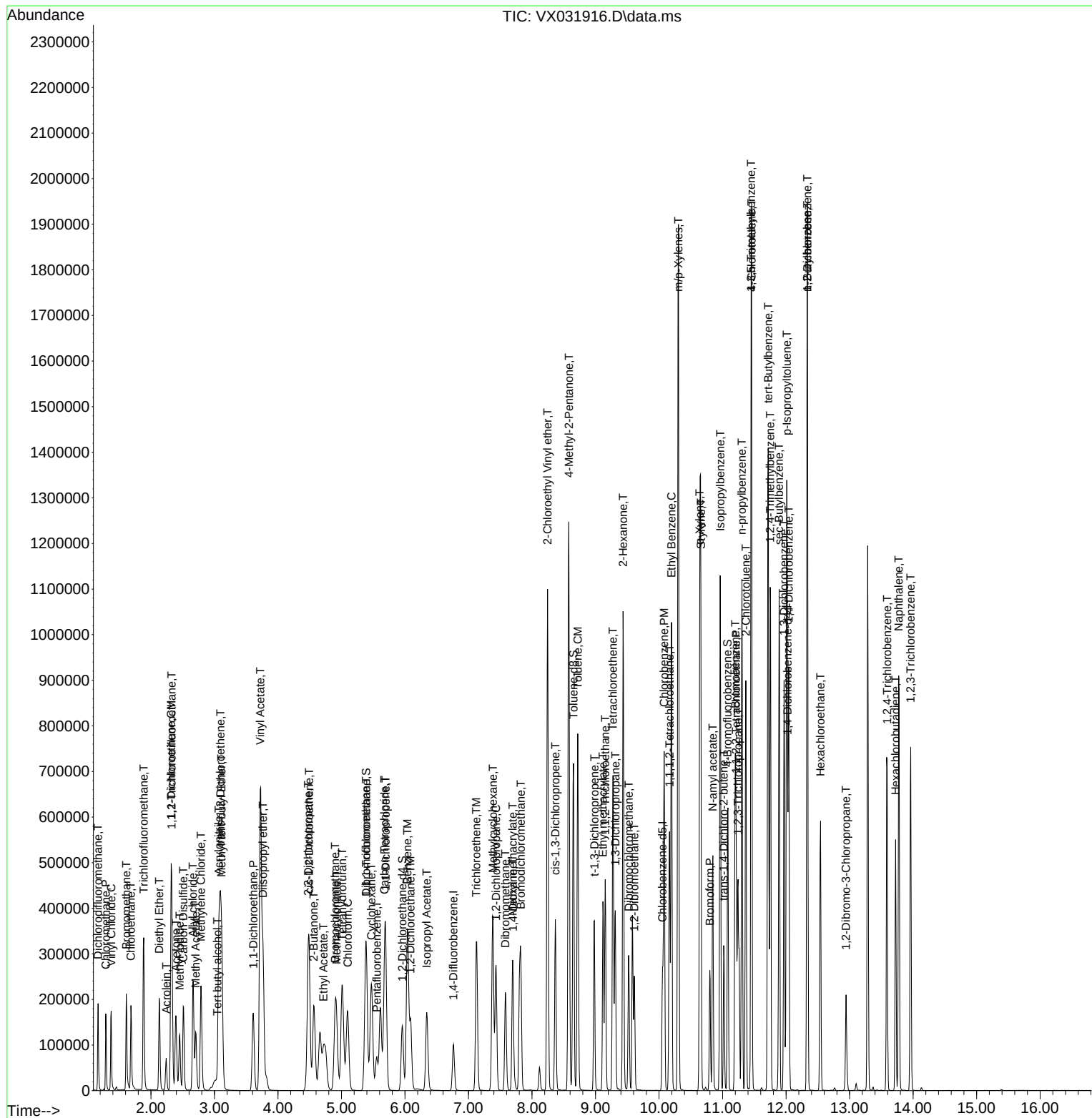
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
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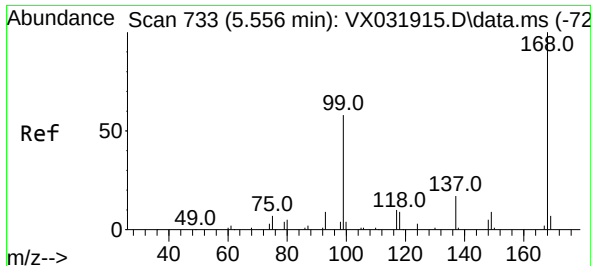
Instrument :
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 ClientSampleId :
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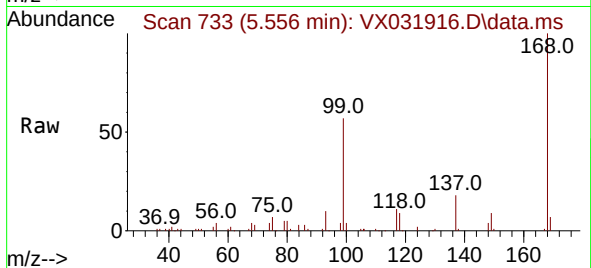
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031916.D
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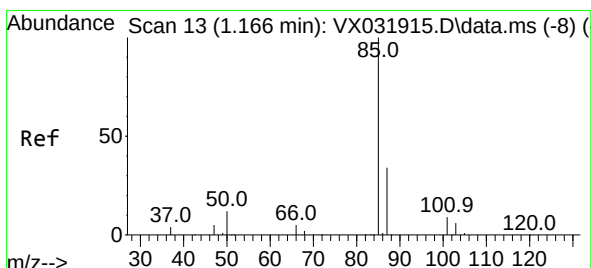
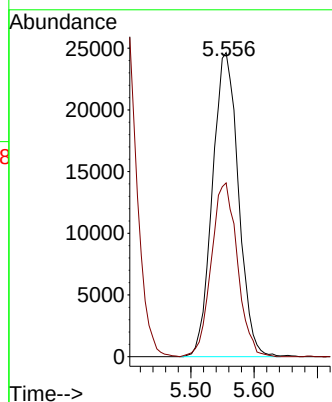
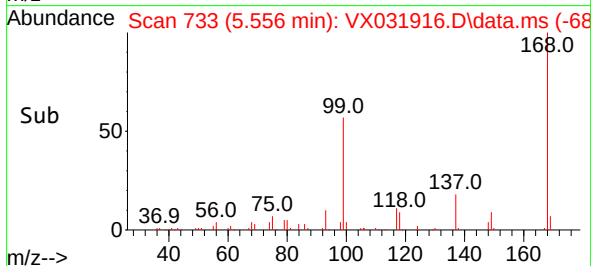
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



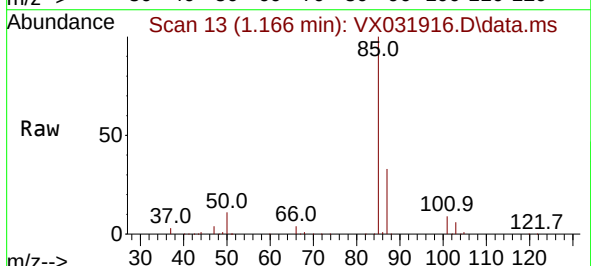
Tgt Ion:168 Resp: 70194
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2

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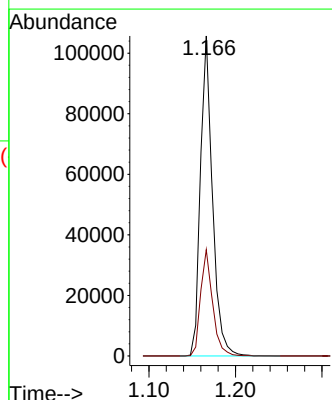
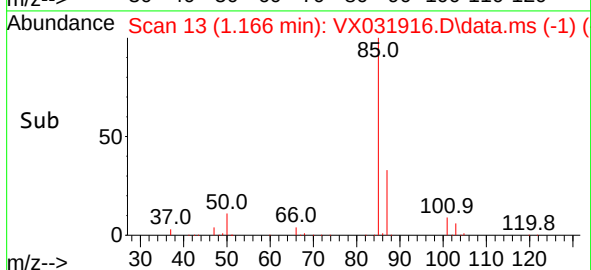
Reviewed By :John Carlone 10/07/2022
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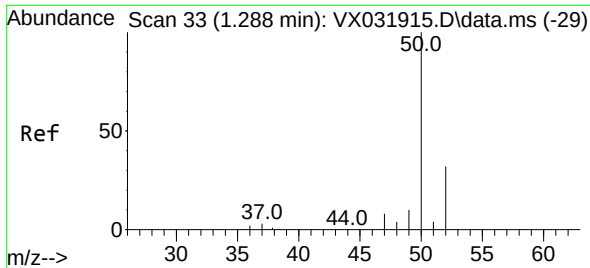


#2
Dichlorodifluoromethane
Concen: 118.565 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



Tgt Ion: 85 Resp: 101877
Ion Ratio Lower Upper
85 100
87 33.2 15.8 47.4





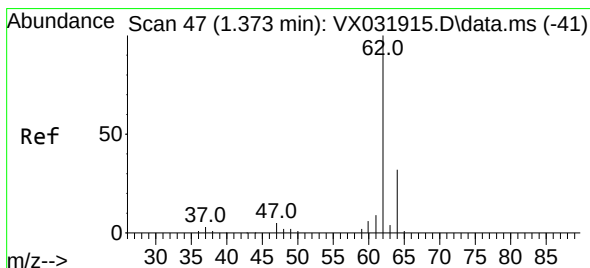
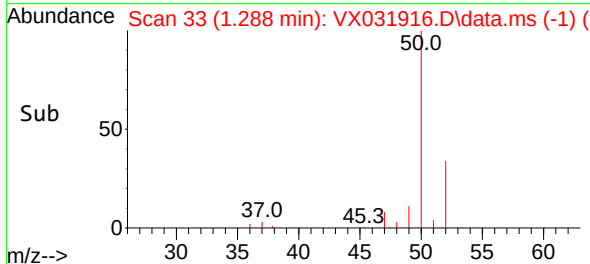
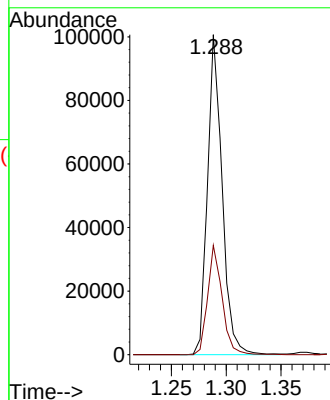
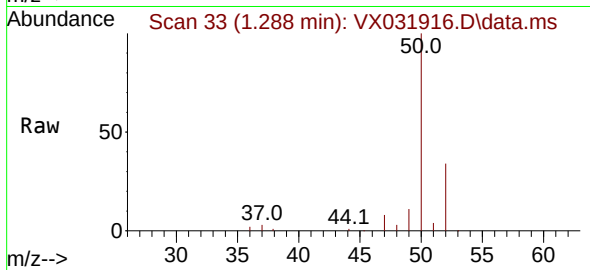
#3
Chloromethane
Concen: 119.459 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 93208
Ion Ratio Lower Upper
50 100
52 34.2 26.9 40.3

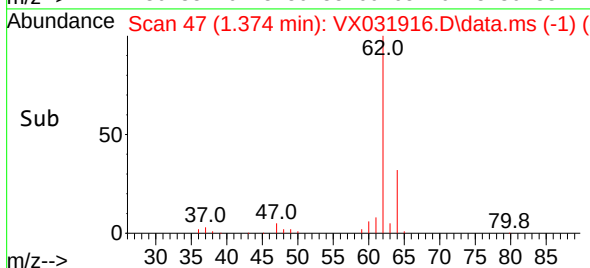
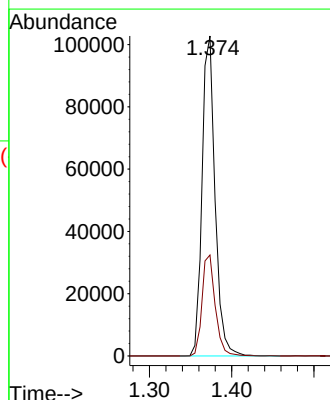
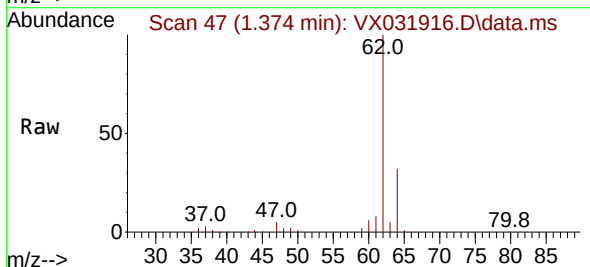
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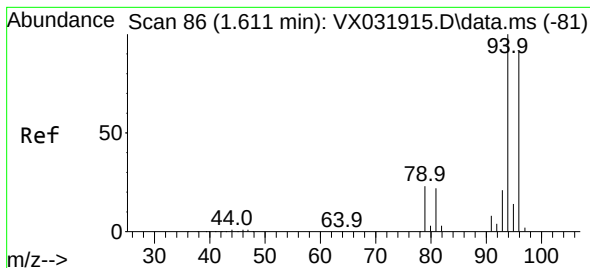
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#4
Vinyl Chloride
Concen: 114.386 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 62 Resp: 112802
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5

Bromomethane

Concen: 90.635 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 94 Resp: 79420

Ion Ratio Lower Upper

94 100

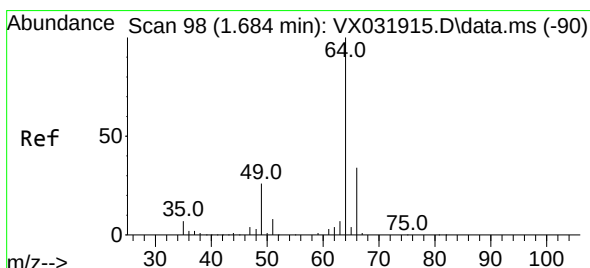
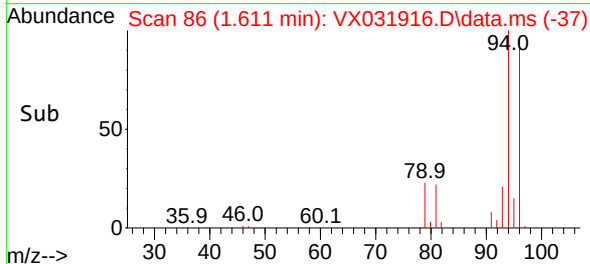
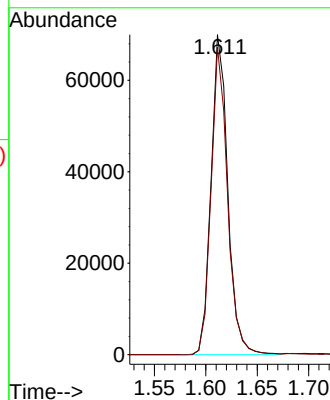
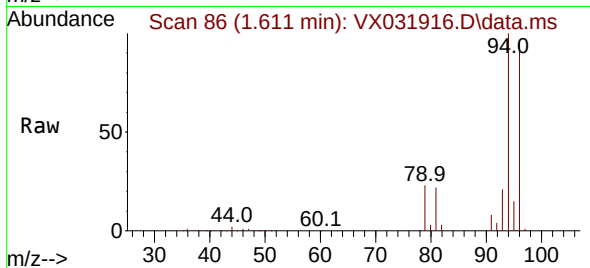
96 96.1 74.4 111.6

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 126.934 ug/l

RT: 1.684 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX031916.D

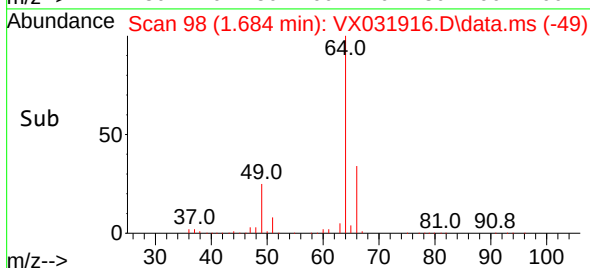
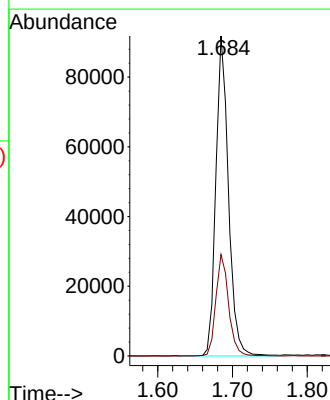
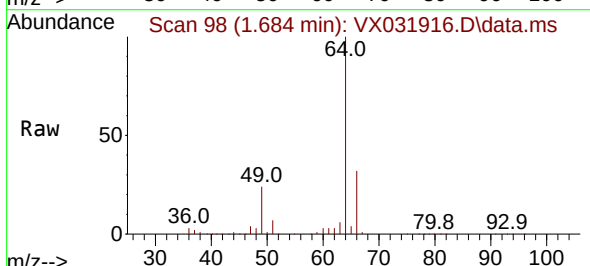
Acq: 06 Oct 2022 12:58

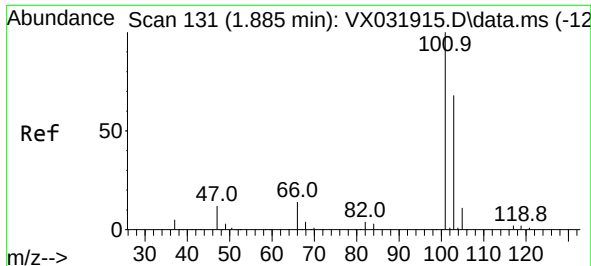
Tgt Ion: 64 Resp: 108178

Ion Ratio Lower Upper

64 100

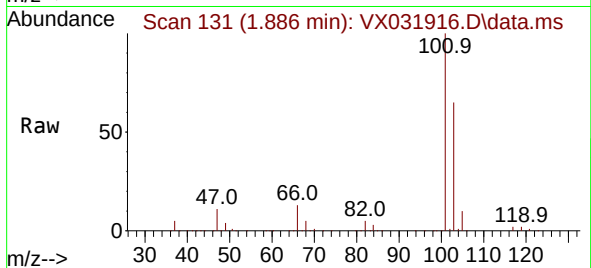
66 31.7 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 102.486 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031916.D
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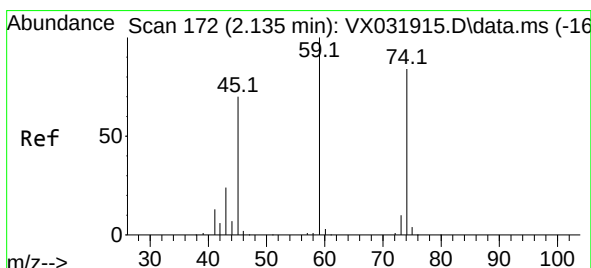
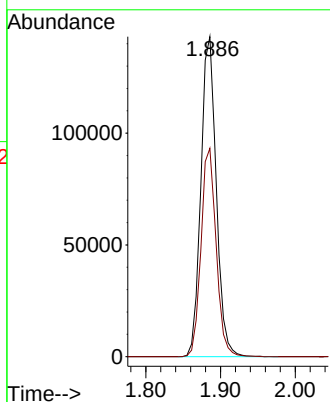
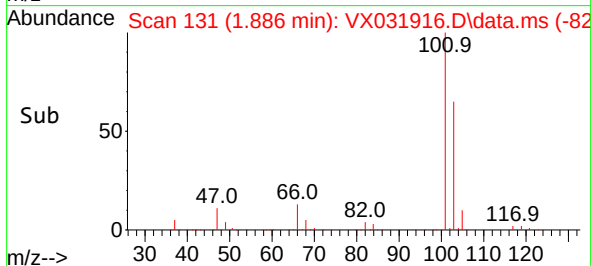
Instrument :
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 ClientSampleId :
 VSTDICC100



Tgt Ion:101 Resp: 20435
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.8 77.6

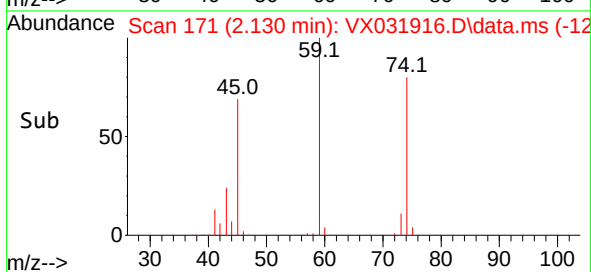
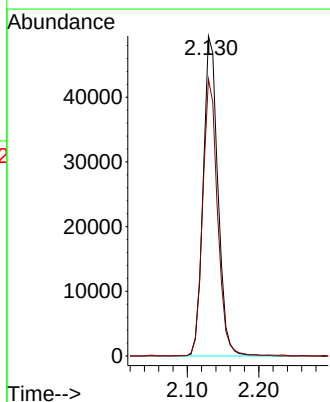
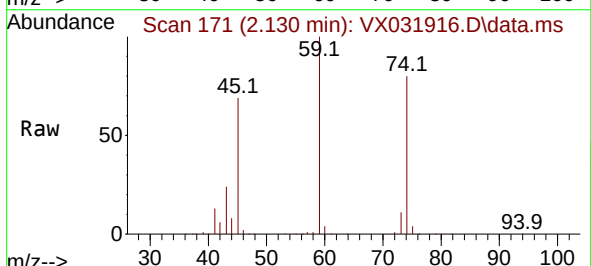
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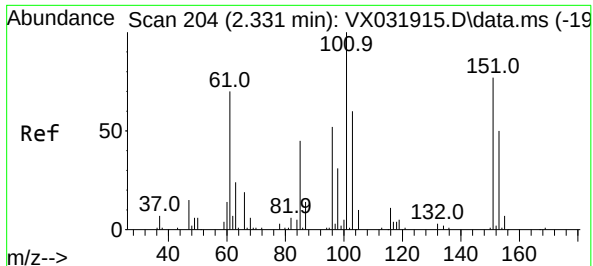
Reviewed By :John Carlone 10/07/2022
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#8
 Diethyl Ether
 Concen: 103.645 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX031916.D
 Acq: 06 Oct 2022 12:58

Tgt Ion: 74 Resp: 70618
 Ion Ratio Lower Upper
 74 100
 45 87.7 48.5 145.6





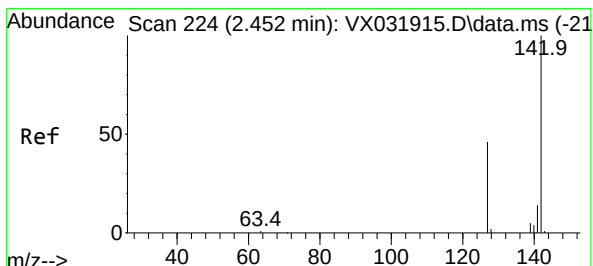
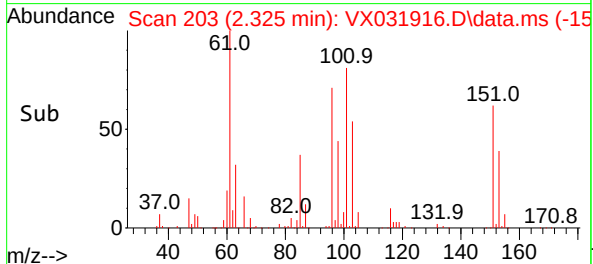
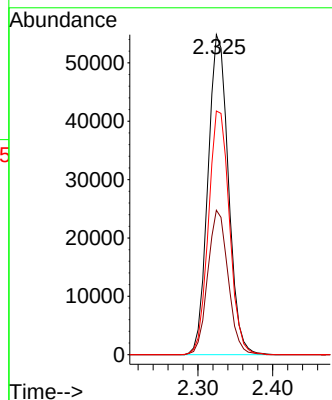
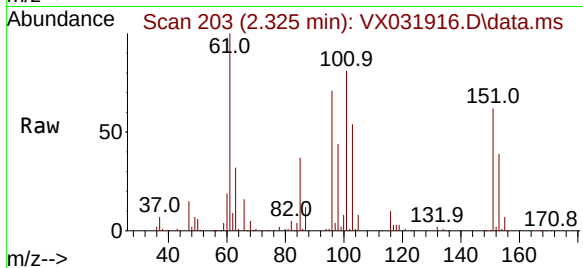
#9
1,1,2-Trichlorotrifluoroethane
Concen: 107.183 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 10415
Ion Ratio Lower Upper
101 100
85 44.9 38.6 57.8
151 78.1 54.0 81.0

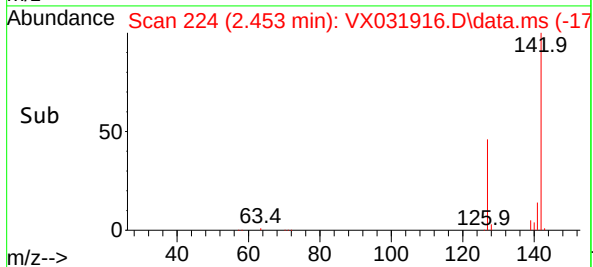
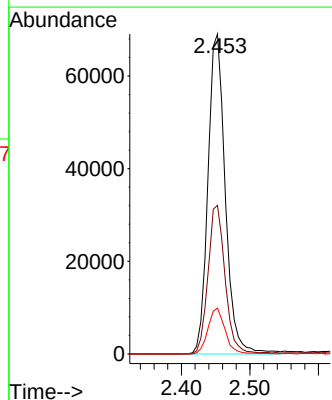
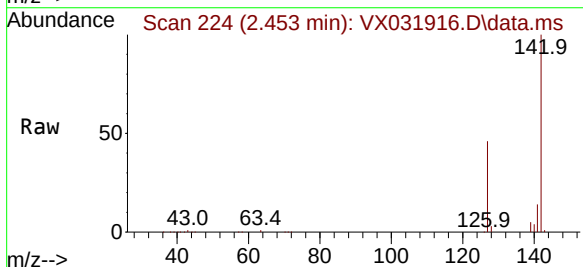
Manual Integrations
APPROVED

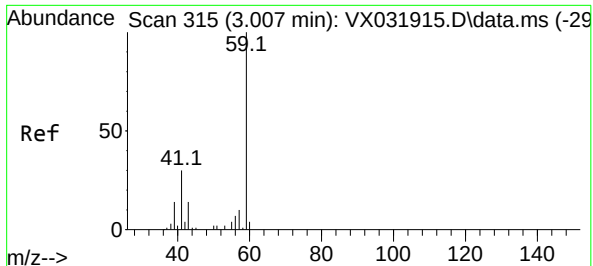
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#10
Methyl Iodide
Concen: 126.548 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

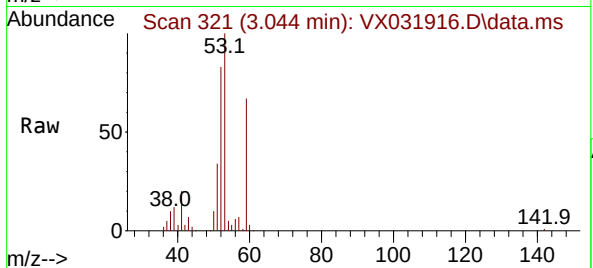
Tgt Ion:142 Resp: 121775
Ion Ratio Lower Upper
142 100
127 46.1 37.4 56.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 473.050 ug/l m
RT: 3.044 min Scan# 315
Delta R.T. 0.037 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

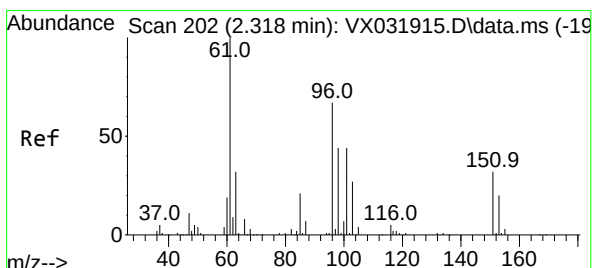
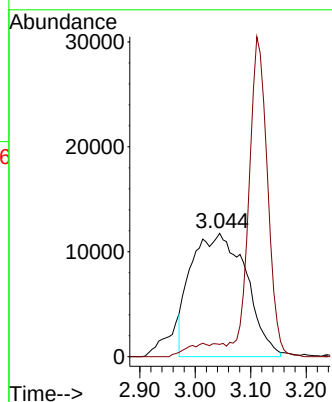
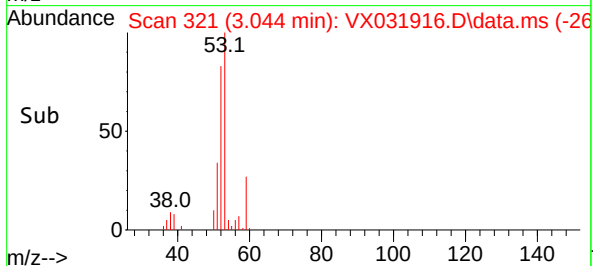
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



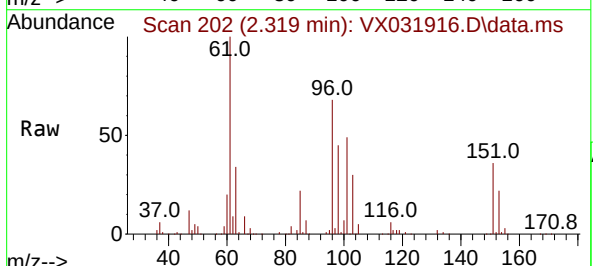
Tgt Ion: 59 Resp: 80774
Ion Ratio Lower Upper
59 100
57 4.5 8.2 12.2

Manual Integrations
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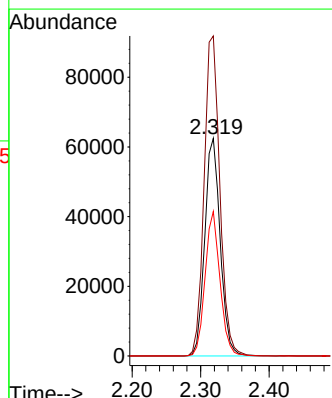
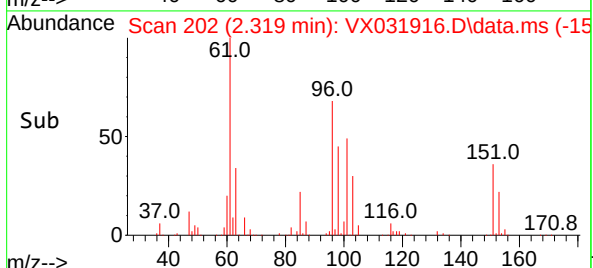
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

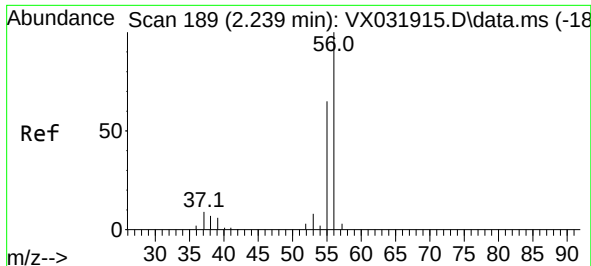


#12
1,1-Dichloroethene
Concen: 106.800 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



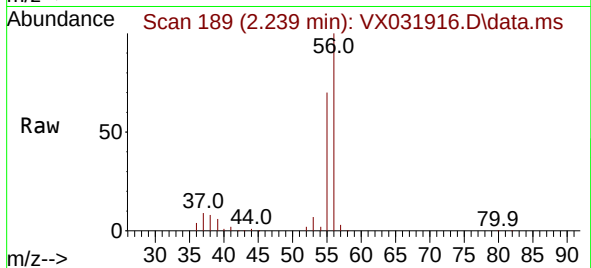
Tgt Ion: 96 Resp: 98160
Ion Ratio Lower Upper
96 100
61 147.1 135.3 202.9
98 66.4 49.4 74.2





#13
Acrolein
Concen: 499.309 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

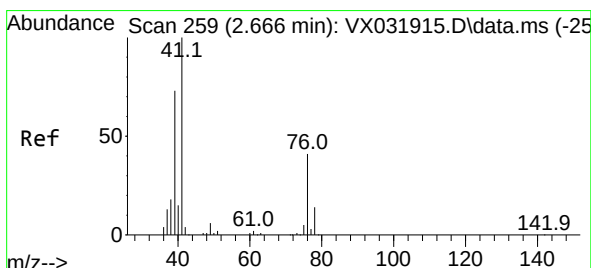
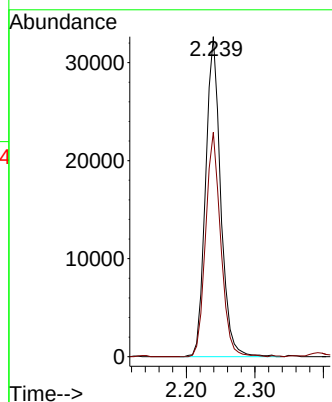
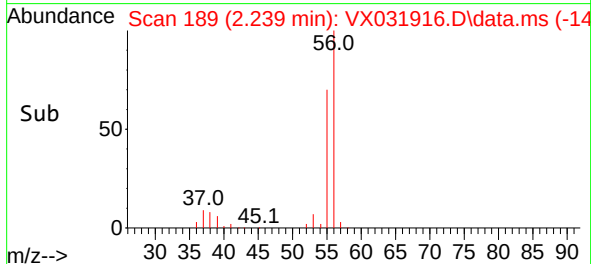
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



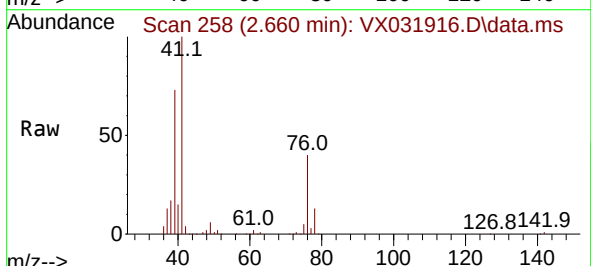
Tgt Ion: 56 Resp: 5006
Ion Ratio Lower Upper
56 100
55 70.1 56.0 84.0

Manual Integrations
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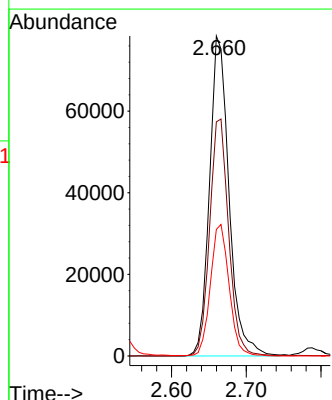
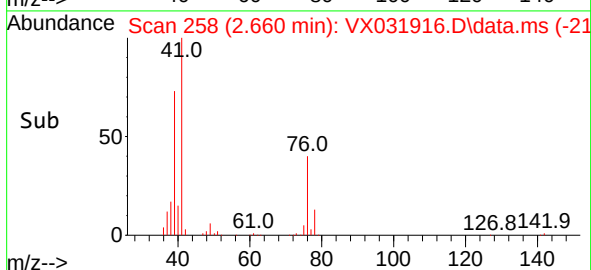
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

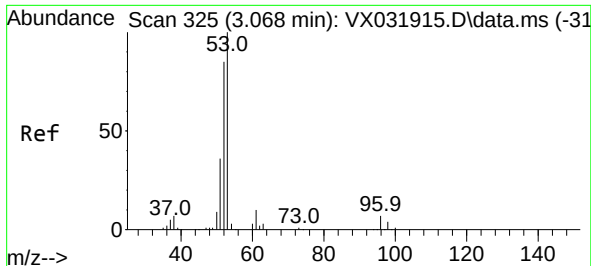


#14
Allyl chloride
Concen: 139.832 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



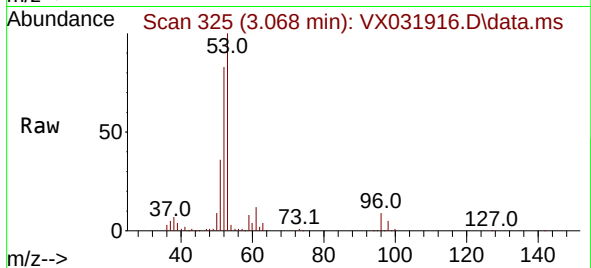
Tgt Ion: 41 Resp: 142514
Ion Ratio Lower Upper
41 100
39 72.1 58.2 87.4
76 39.3 26.9 40.3





#15
Acrylonitrile
Concen: 594.045 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

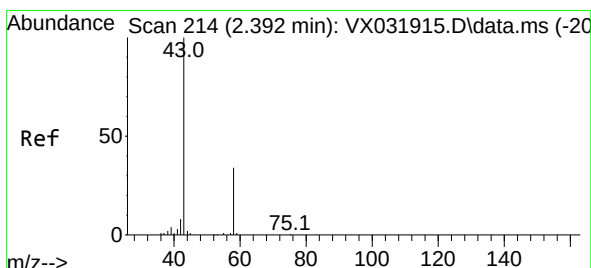
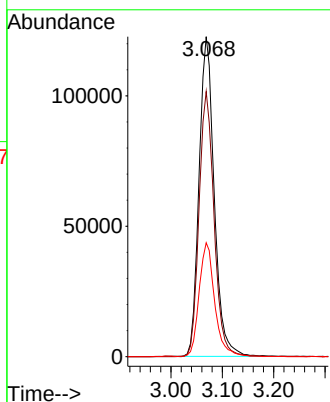
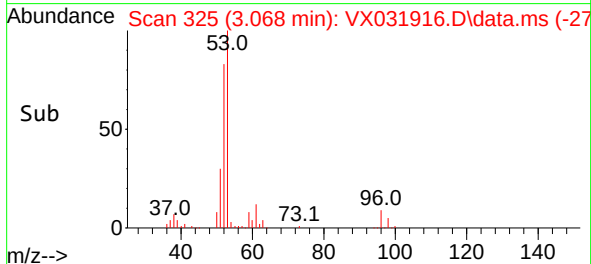
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 251510
Ion Ratio Lower Upper
53 100
52 82.1 66.9 100.3
51 36.3 30.0 45.0

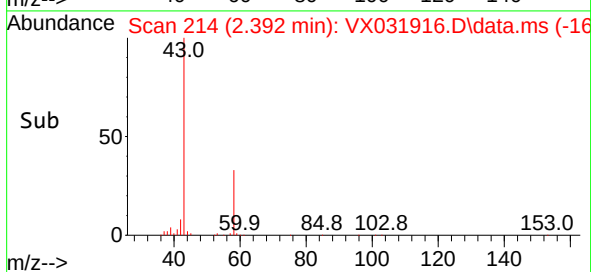
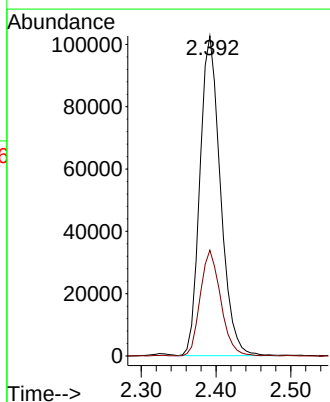
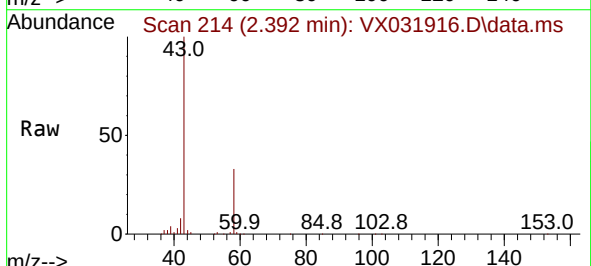
Manual Integrations
APPROVED

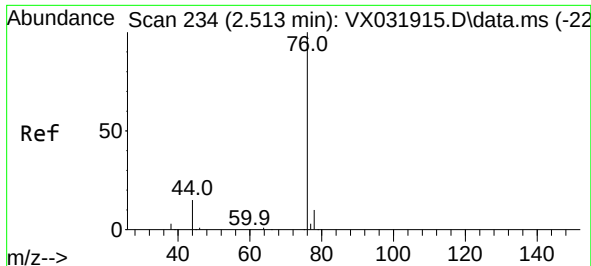
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#16
Acetone
Concen: 584.787 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 43 Resp: 195633
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.8





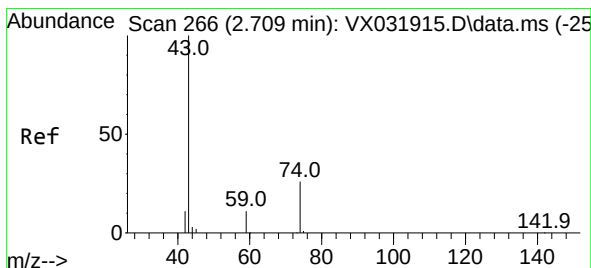
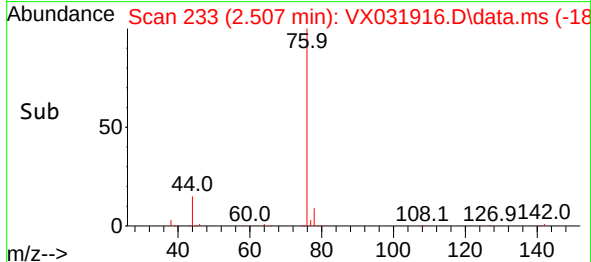
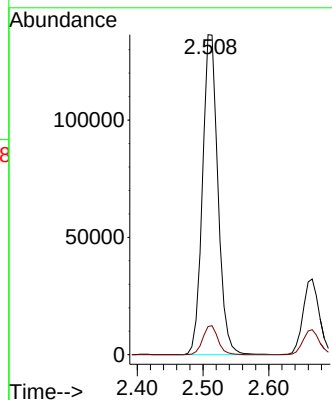
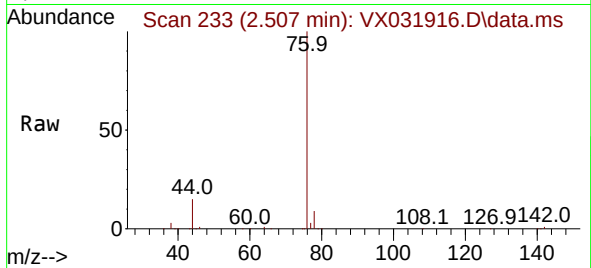
#17
Carbon Disulfide
Concen: 121.511 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 22273
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

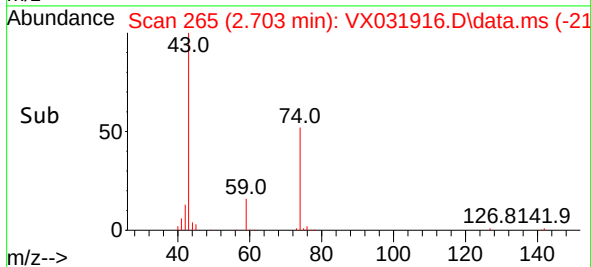
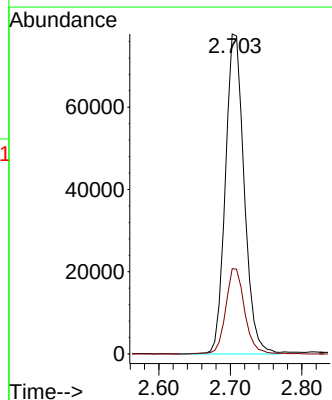
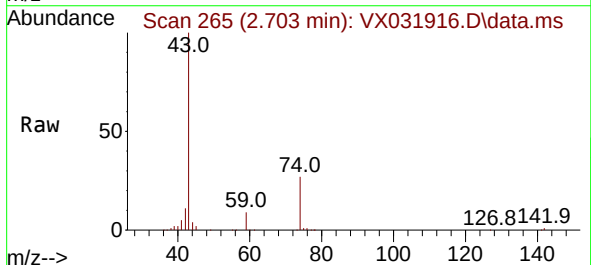
Manual Integrations
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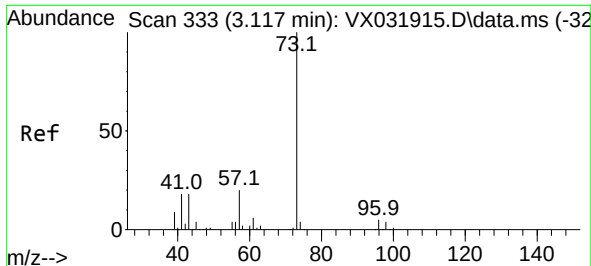
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#18
Methyl Acetate
Concen: 129.510 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

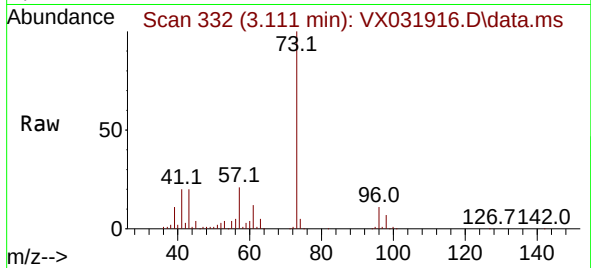
Tgt Ion: 43 Resp: 142222
Ion Ratio Lower Upper
43 100
74 27.0 18.6 27.8





#19
Methyl tert-butyl Ether
Concen: 116.743 ug/l
RT: 3.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

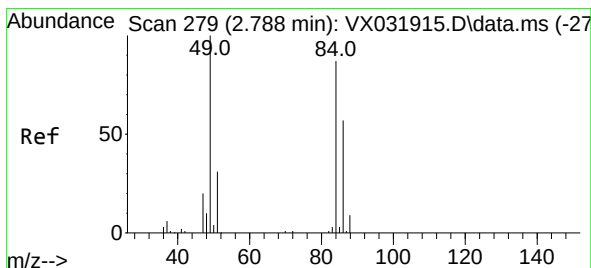
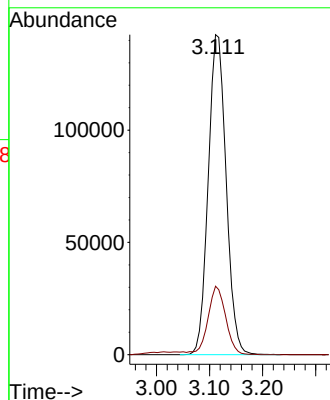
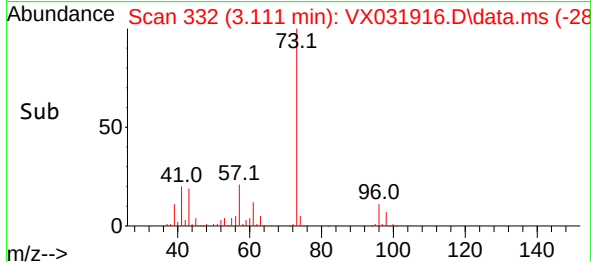
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 73 Resp: 333850
Ion Ratio Lower Upper
73 100
57 21.4 17.2 25.8

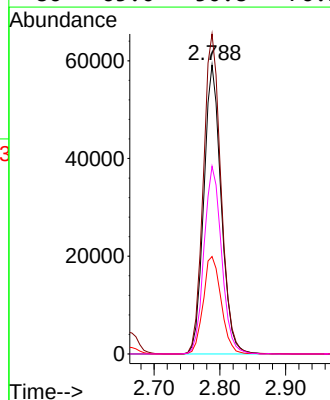
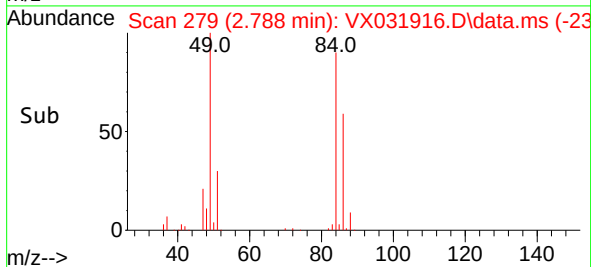
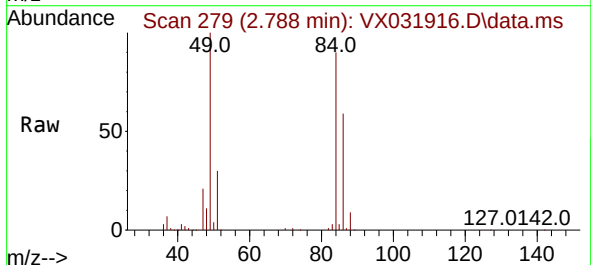
Manual Integrations
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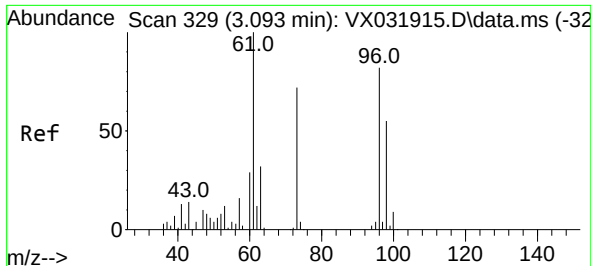
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#20
Methylene Chloride
Concen: 102.570 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

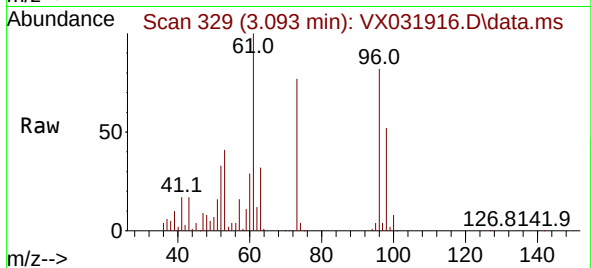
Tgt Ion: 84 Resp: 108477
Ion Ratio Lower Upper
84 100
49 110.7 105.9 158.9
51 33.7 32.2 48.2
86 65.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 104.687 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

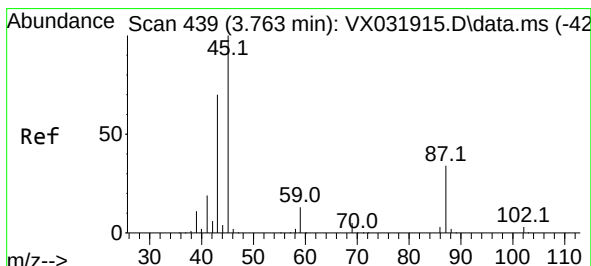
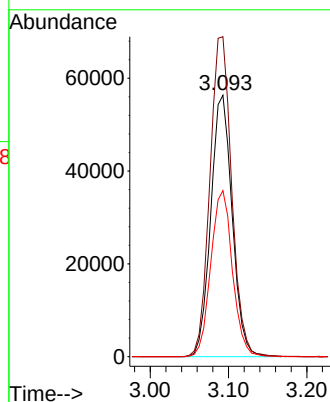
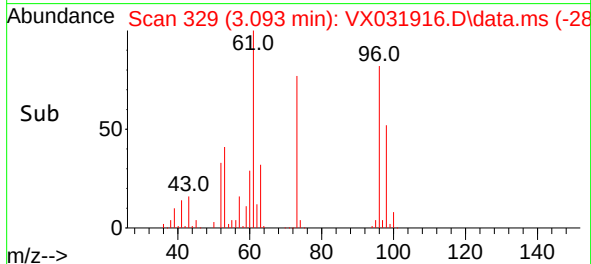
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 107094
Ion Ratio Lower Upper
96 100
61 122.4 106.7 160.1
98 63.5 48.7 73.1

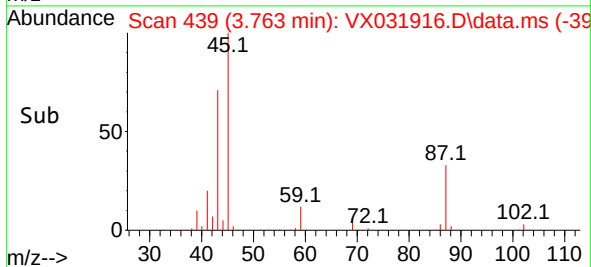
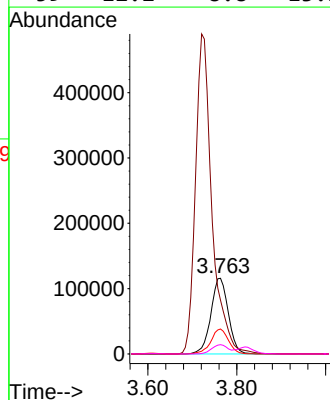
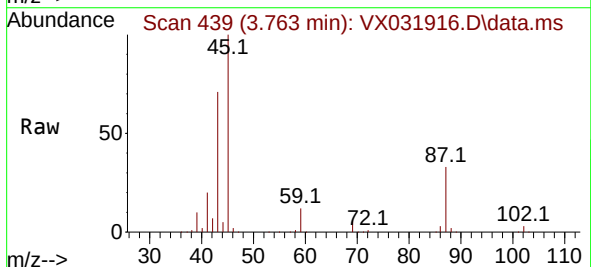
Manual Integrations
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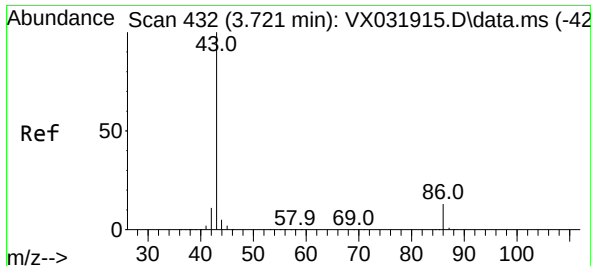
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#22
Diisopropyl ether
Concen: 132.658 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 45 Resp: 315310
Ion Ratio Lower Upper
45 100
43 70.8 59.0 88.6
87 33.1 22.6 33.8
59 12.2 8.8 13.2





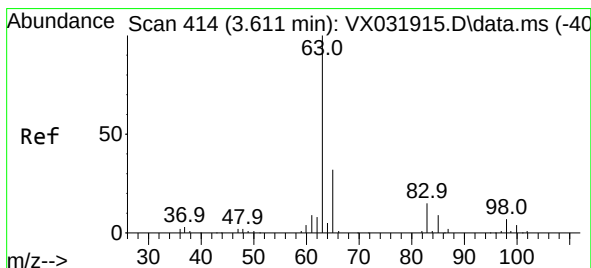
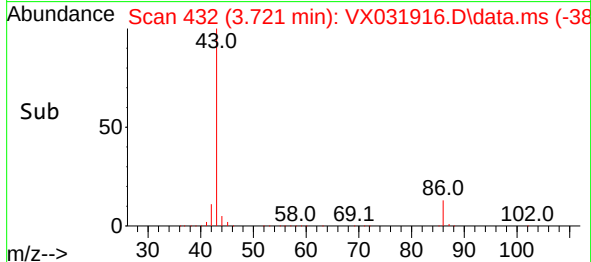
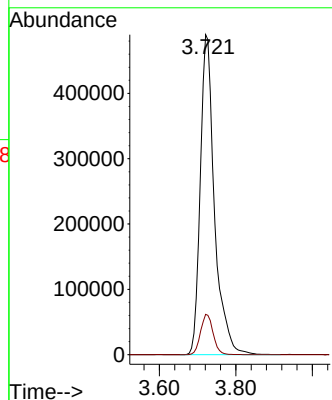
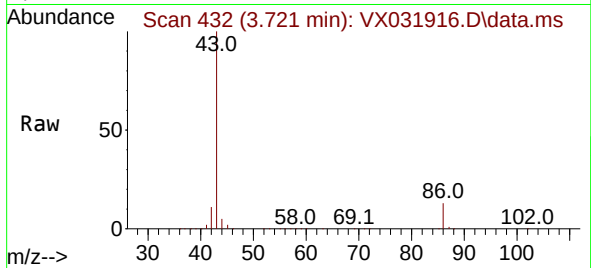
#23
 Vinyl Acetate
 Concen: 712.864 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX031916.D
 Acq: 06 Oct 2022 12:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 1261170
 Ion Ratio Lower Upper
 43 100
 86 12.6 8.7 13.1

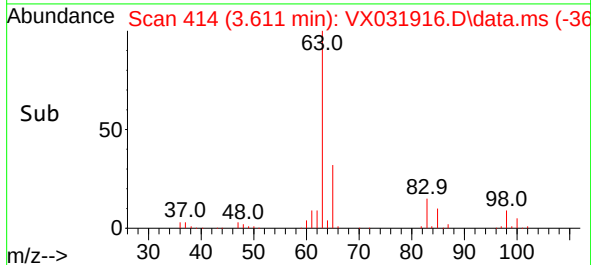
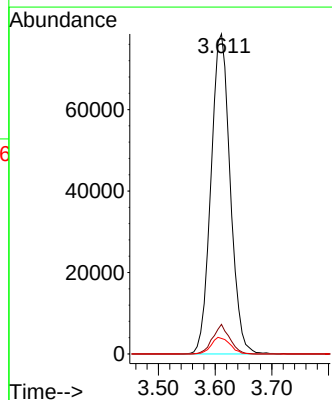
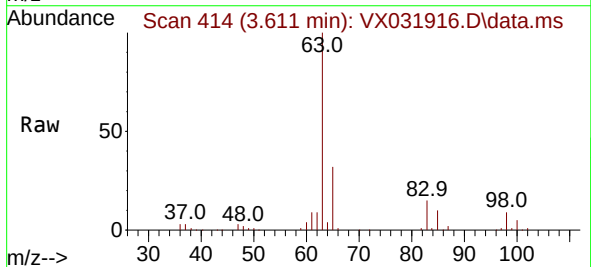
Manual Integrations
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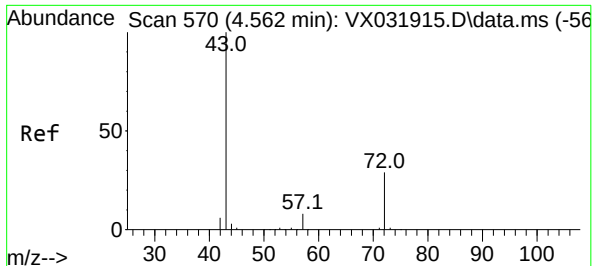
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022



#24
 1,1-Dichloroethane
 Concen: 117.817 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX031916.D
 Acq: 06 Oct 2022 12:58

Tgt Ion: 63 Resp: 185066
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.5 10.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 616.349 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 329892

Ion Ratio Lower Upper

43 100

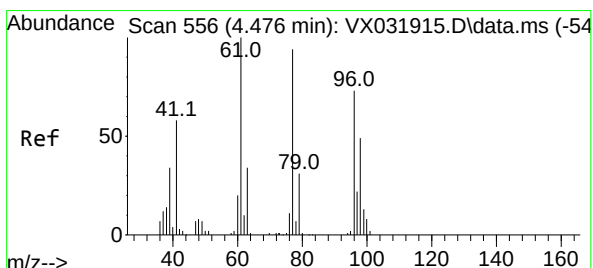
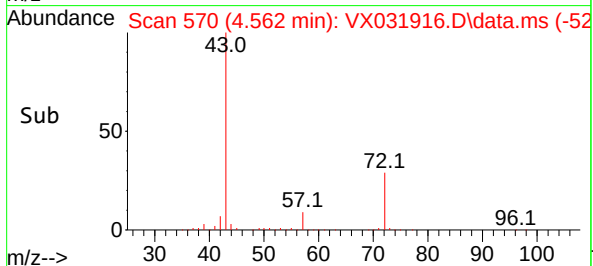
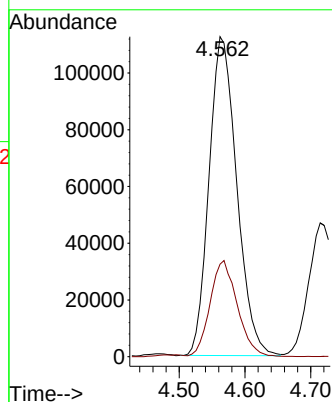
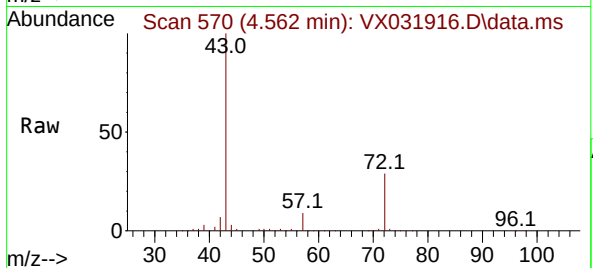
72 28.8 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#26

2,2-Dichloropropane

Concen: 127.395 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX031916.D

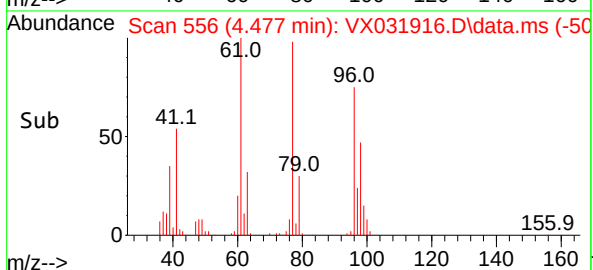
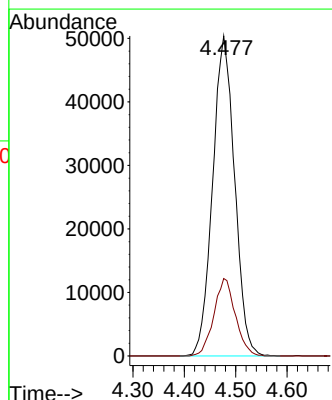
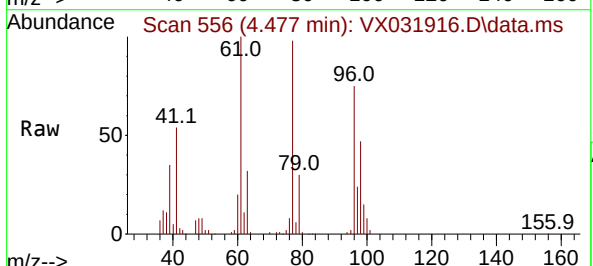
Acq: 06 Oct 2022 12:58

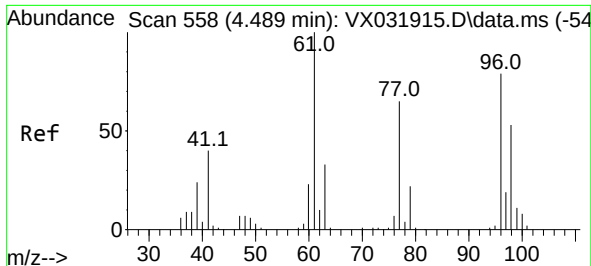
Tgt Ion: 77 Resp: 149710

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 107.012 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 12862

Ion Ratio Lower Upper

96 100

61 129.5 0.0 305.2

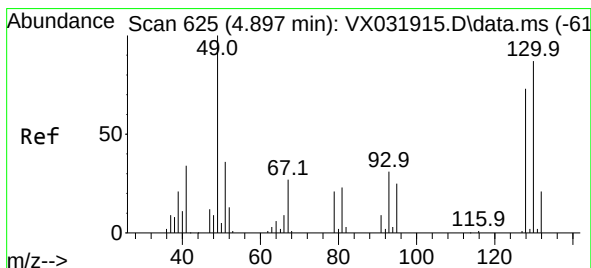
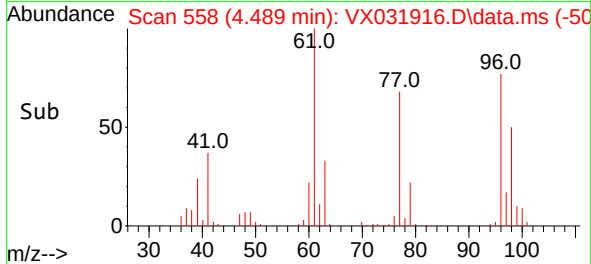
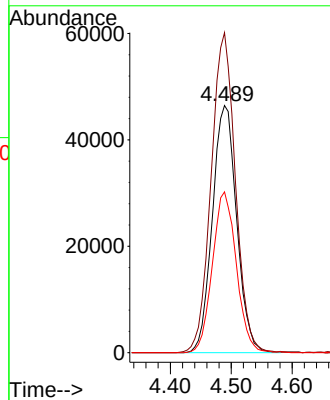
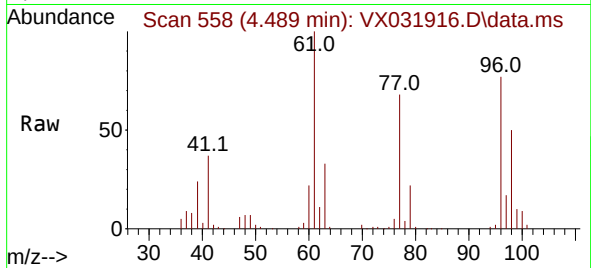
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#28

Bromochloromethane

Concen: 134.201 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

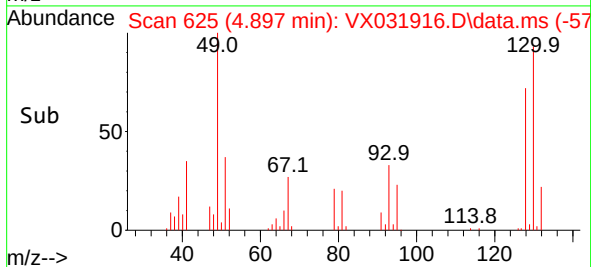
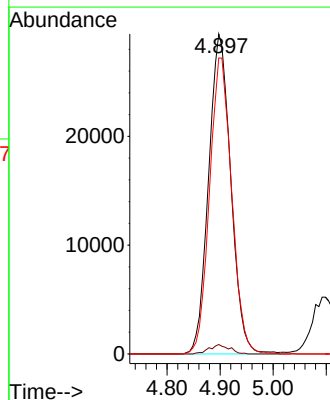
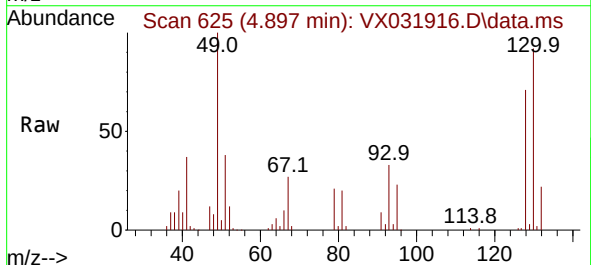
Tgt Ion: 49 Resp: 85604

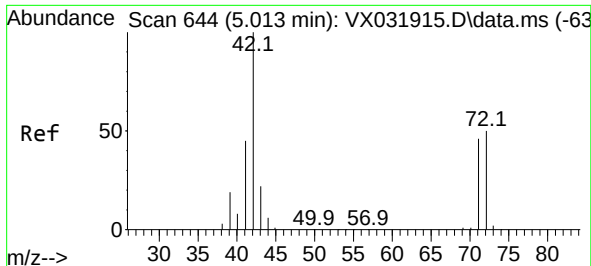
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.6

130 92.2 59.0 88.4





#29

Tetrahydrofuran

Concen: 641.182 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 21525

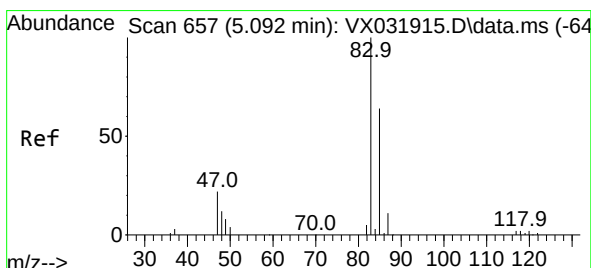
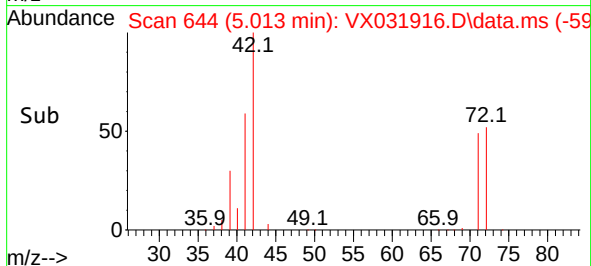
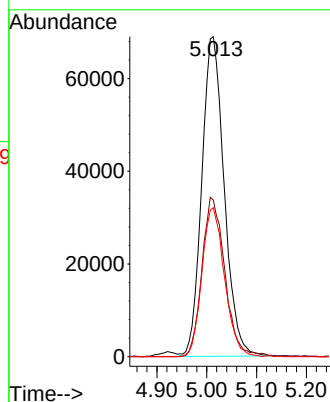
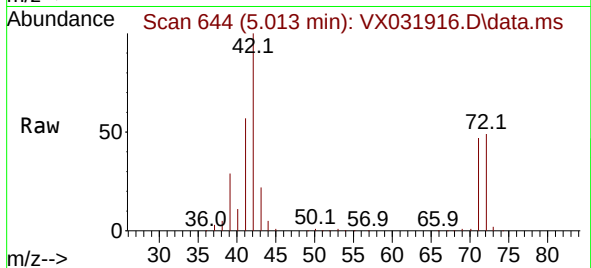
Ion	Ratio	Lower	Upper
42	100		
72	51.0	36.4	54.6
71	47.1	33.5	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#30

Chloroform

Concen: 110.528 ug/l

RT: 5.098 min Scan# 658

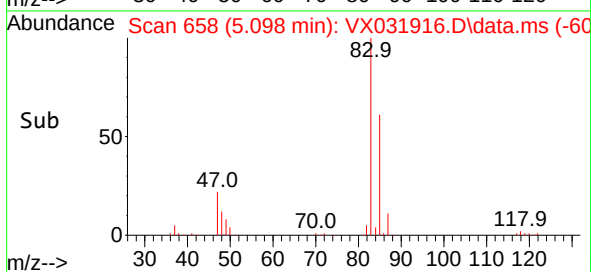
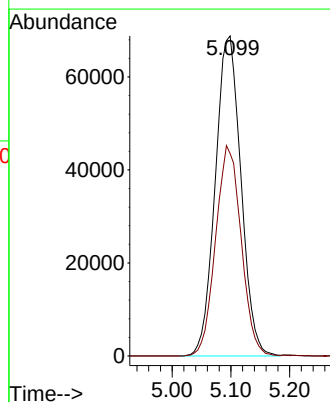
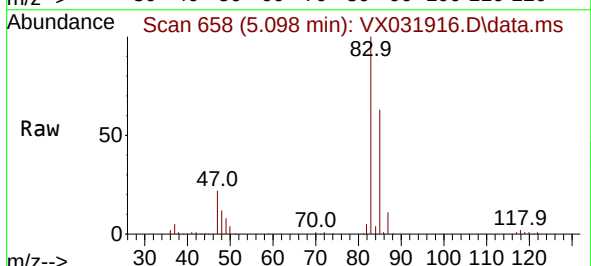
Delta R.T. 0.006 min

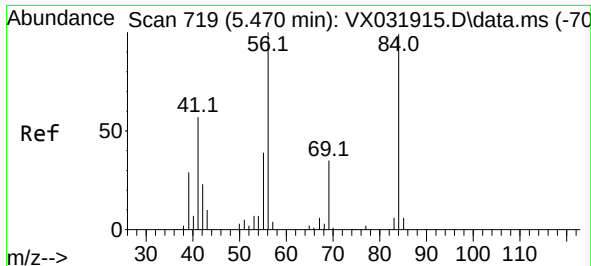
Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Tgt Ion: 83 Resp: 209113

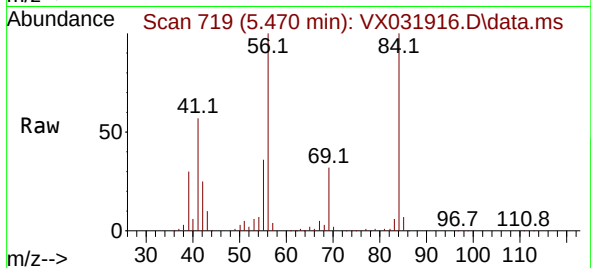
Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.8	79.2





#31
Cyclohexane
Concen: 118.624 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

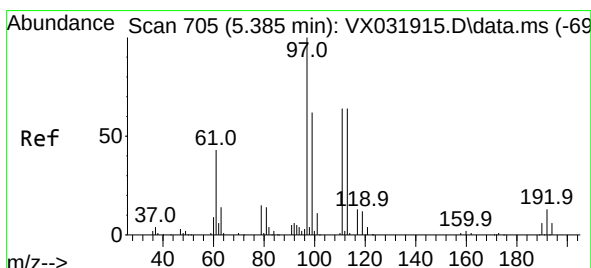
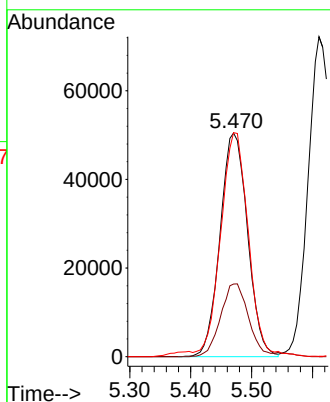
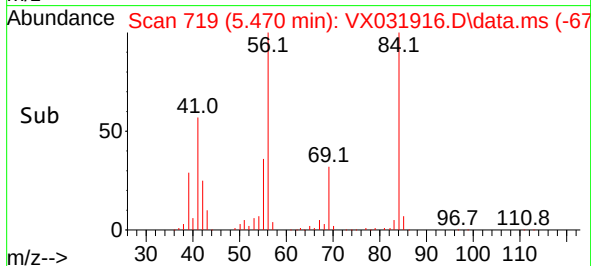
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 15846
Ion Ratio Lower Upper
56 100
69 32.4 25.1 37.7
84 98.1 70.2 105.4

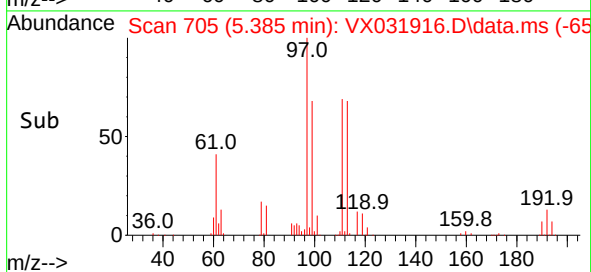
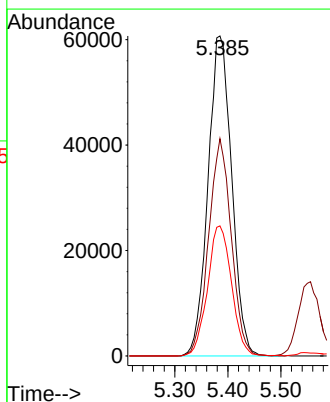
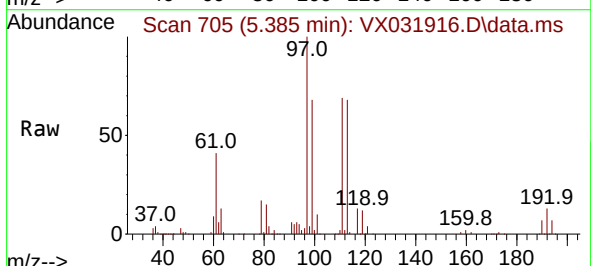
Manual Integrations
APPROVED

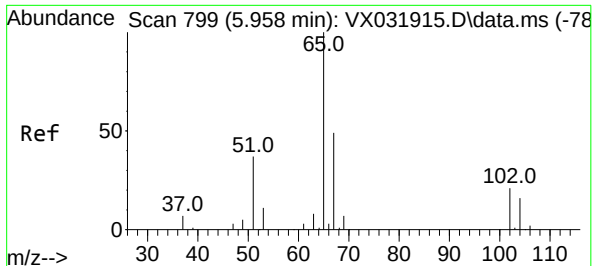
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#32
1,1,1-Trichloroethane
Concen: 113.832 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 97 Resp: 188073
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 41.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 118.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 13416

Ion Ratio Lower Upper

65 100

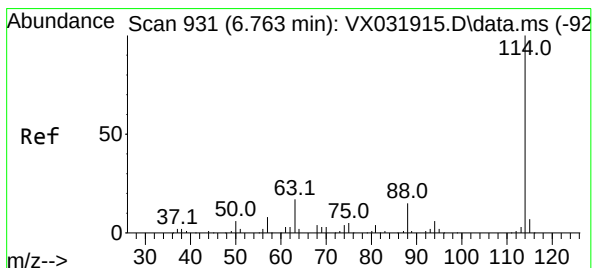
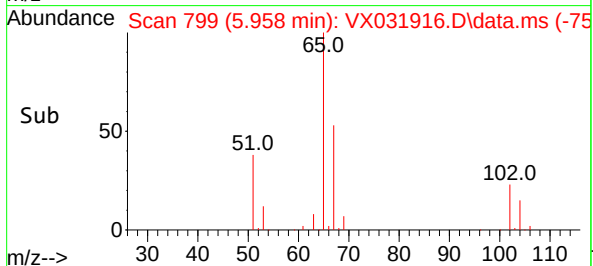
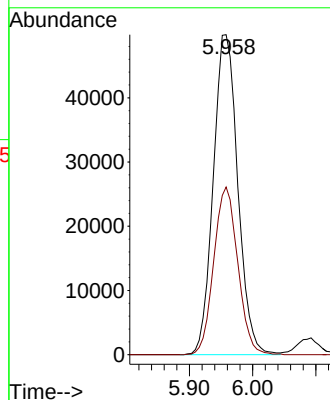
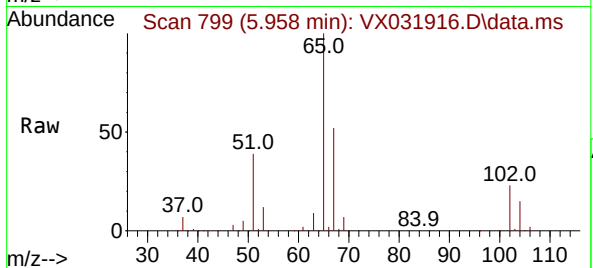
67 51.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

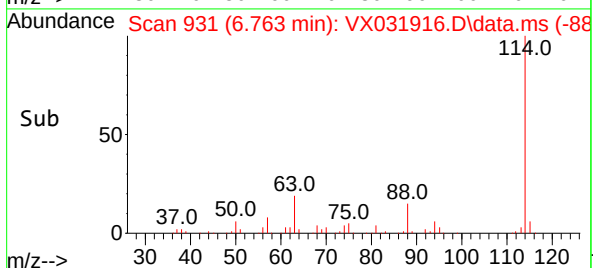
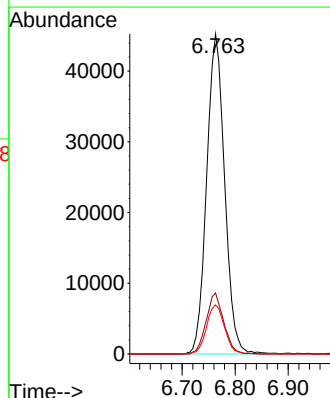
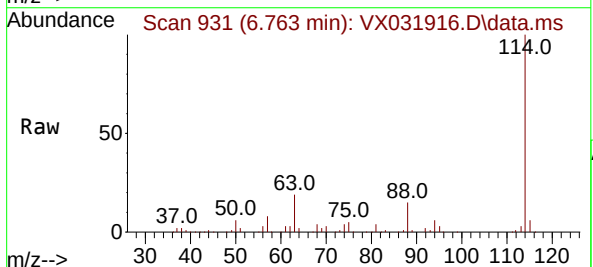
Tgt Ion:114 Resp: 106469

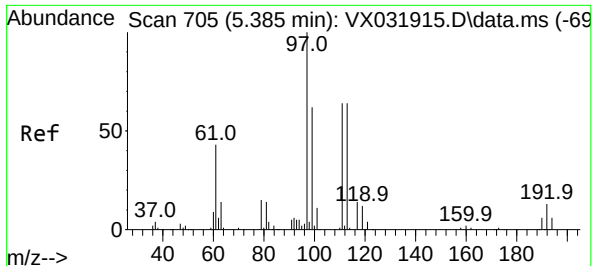
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 101.456 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031916.D

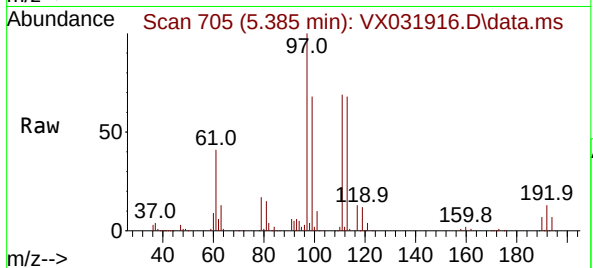
Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



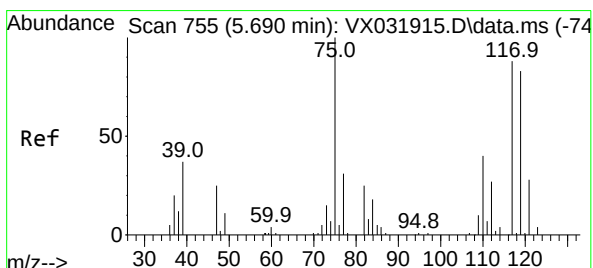
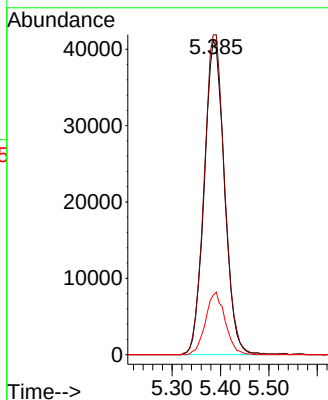
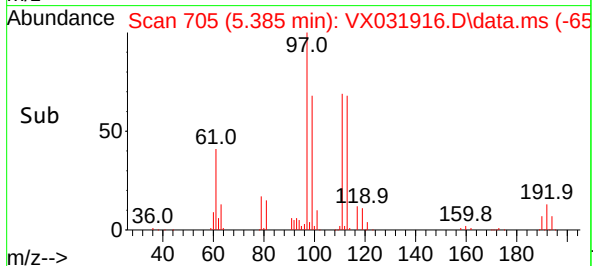
Tgt Ion:	113	Resp:	119054
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	19.4	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#36

1,1-Dichloropropene

Concen: 106.505 ug/l

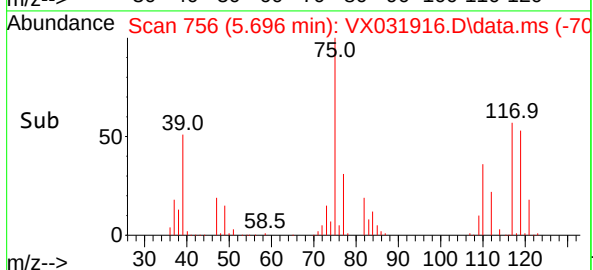
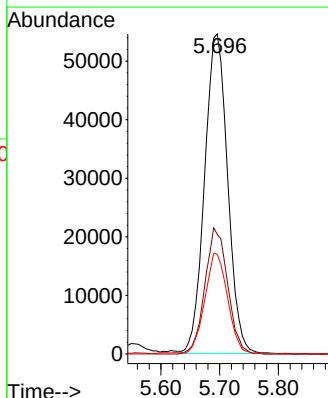
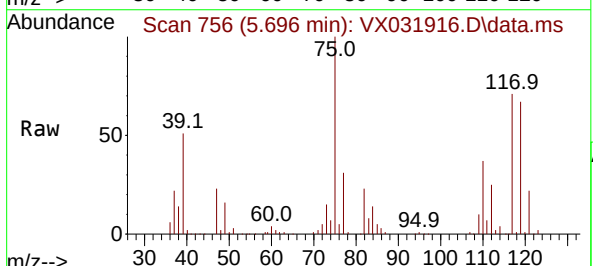
RT: 5.696 min Scan# 756

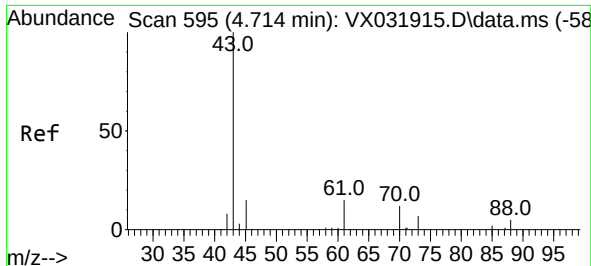
Delta R.T. 0.006 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

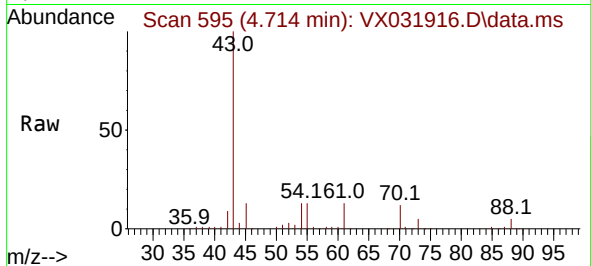
Tgt Ion:	75	Resp:	148996
Ion	Ratio	Lower	Upper
75	100		
110	38.8	17.5	52.5
77	31.2	24.9	37.3





#37
Ethyl Acetate
Concen: 123.163 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

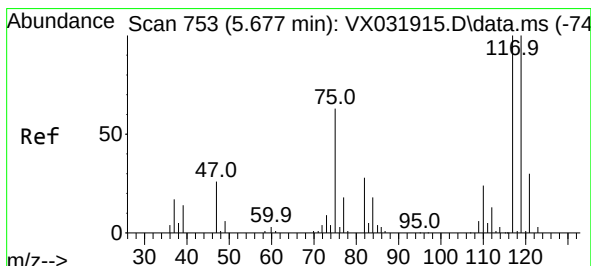
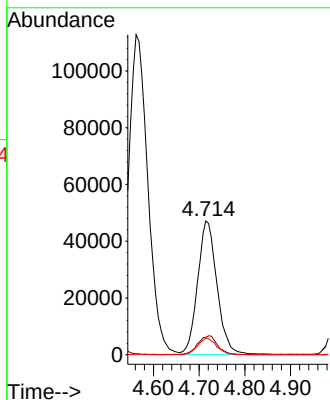
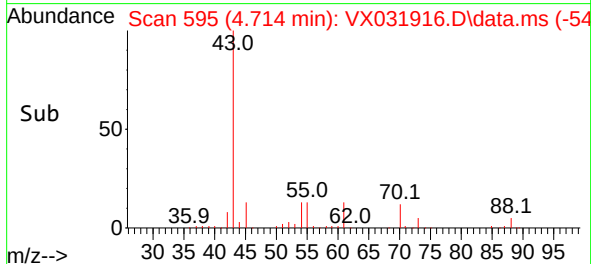
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 138370
Ion Ratio Lower Upper
43 100
61 14.5 11.1 16.7
70 12.0 8.6 13.0

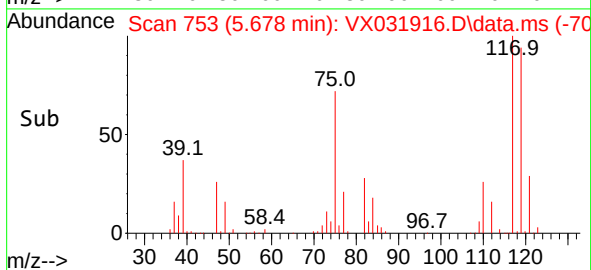
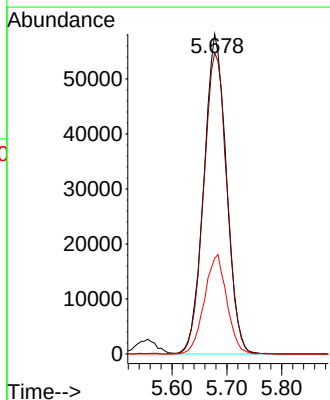
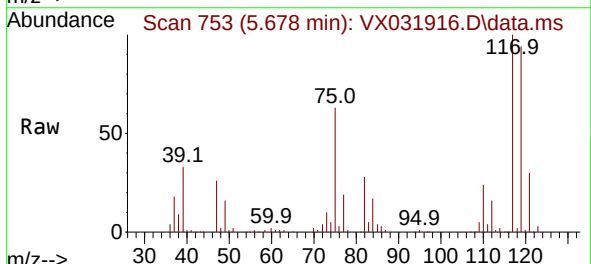
Manual Integrations
APPROVED

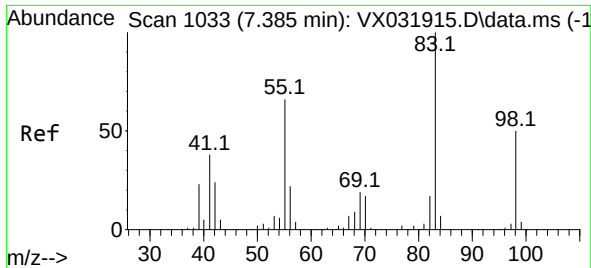
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#38
Carbon Tetrachloride
Concen: 103.013 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:117 Resp: 166007
Ion Ratio Lower Upper
117 100
119 94.2 74.6 112.0
121 29.9 25.3 37.9





#39
Methylcyclohexane
Concen: 103.159 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

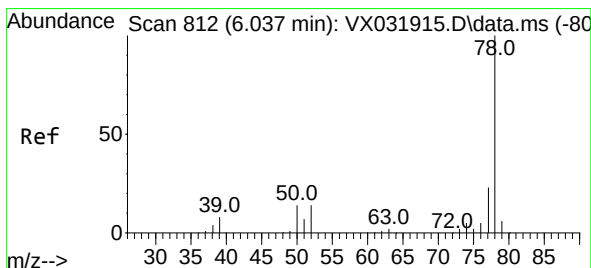
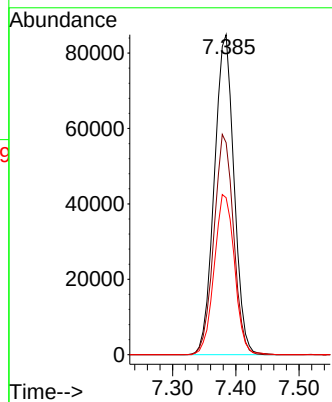
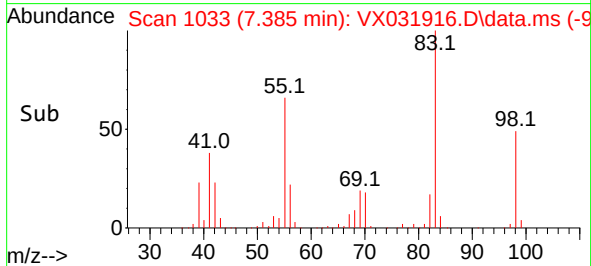
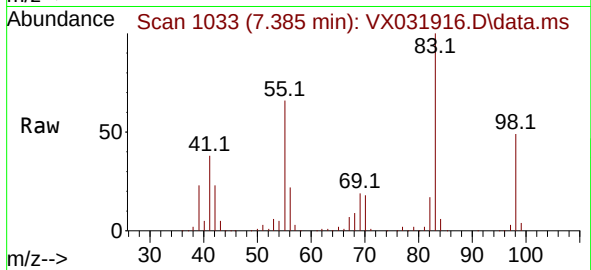
VSTDICC100

Tgt Ion: 83 Resp: 18340
Ion Ratio Lower Upper
83 100
55 66.3 61.0 91.4
98 49.1 37.7 56.5

Manual Integrations

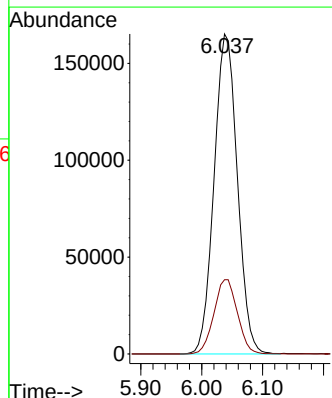
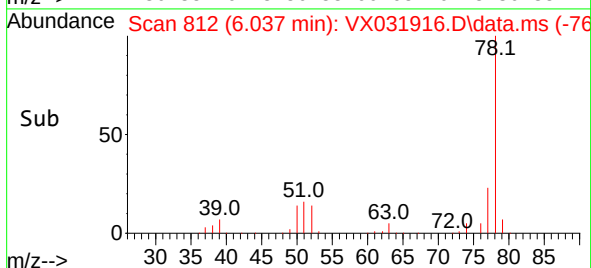
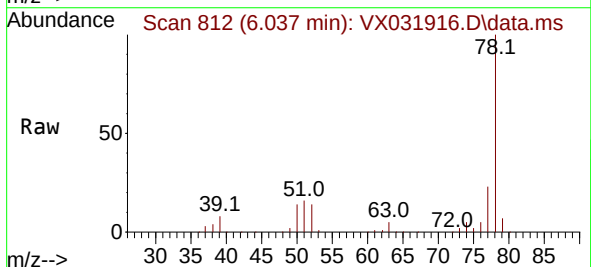
APPROVED

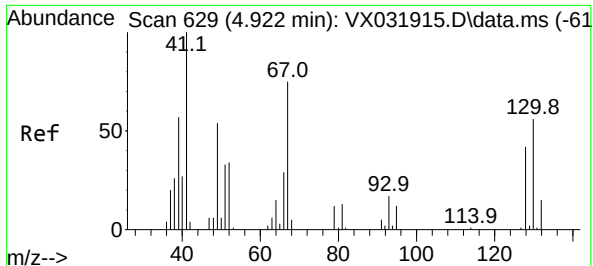
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#40
Benzene
Concen: 104.479 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

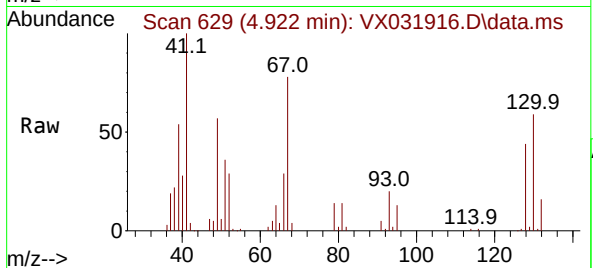
Tgt Ion: 78 Resp: 438181
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 128.032 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

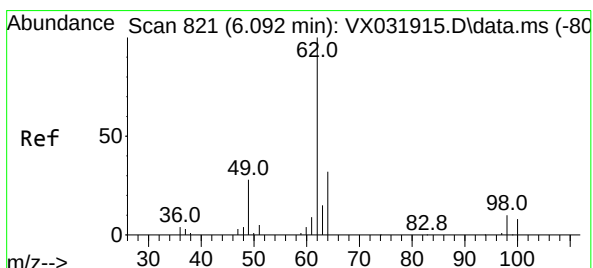
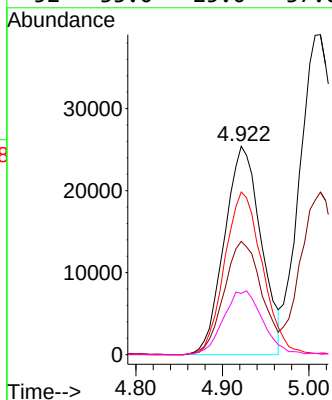
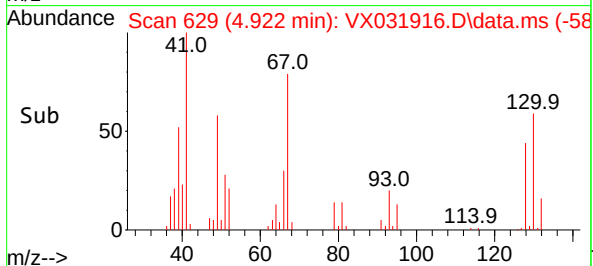
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 74890
Ion Ratio Lower Upper
41 100
39 55.6 45.0 67.6
67 80.6 58.2 87.4
52 33.0 25.0 37.6

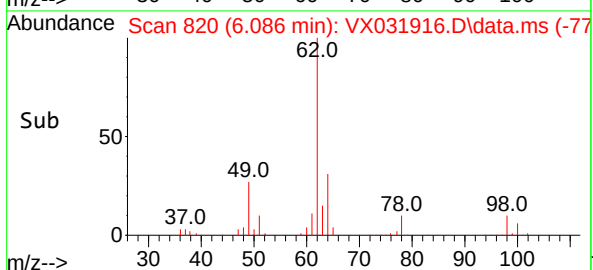
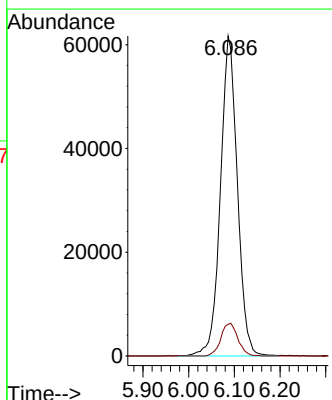
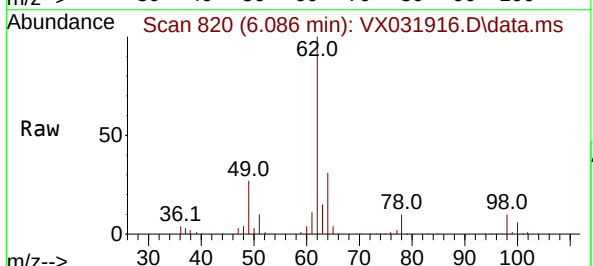
Manual Integrations
APPROVED

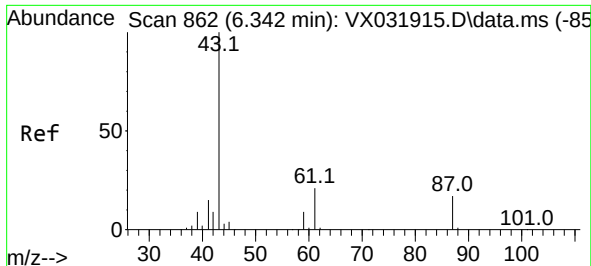
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#42
1,2-Dichloroethane
Concen: 111.883 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

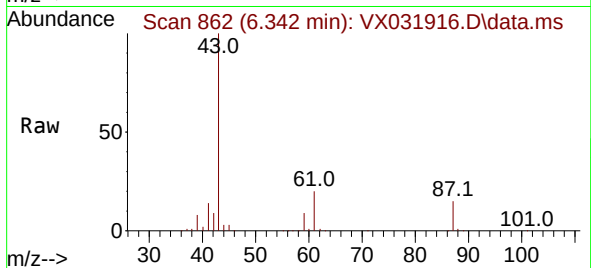
Tgt Ion: 62 Resp: 158783
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.8





#43
Isopropyl Acetate
Concen: 133.270 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

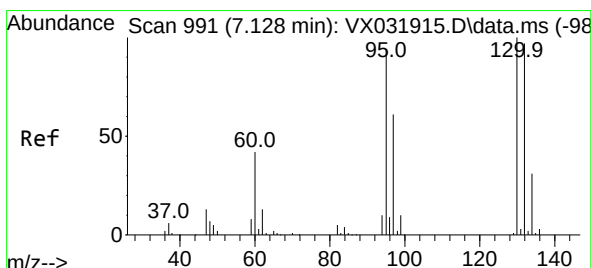
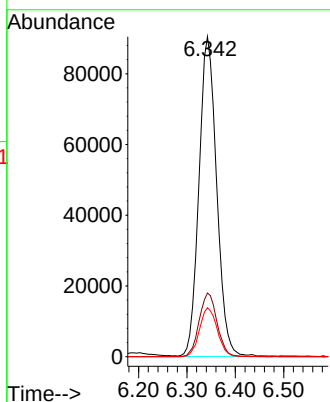
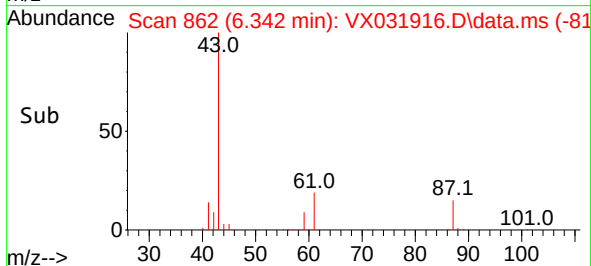
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 229270
Ion Ratio Lower Upper
43 100
61 20.1 15.3 22.9
87 15.4 10.6 15.8

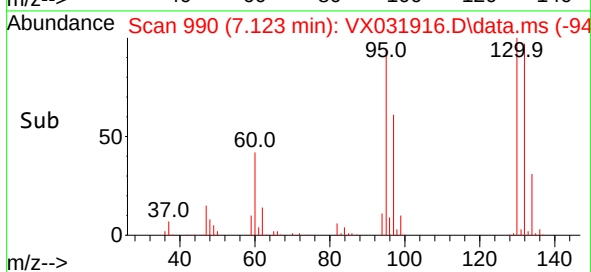
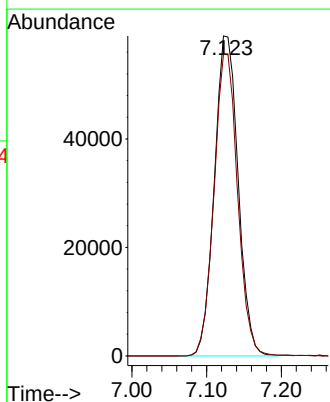
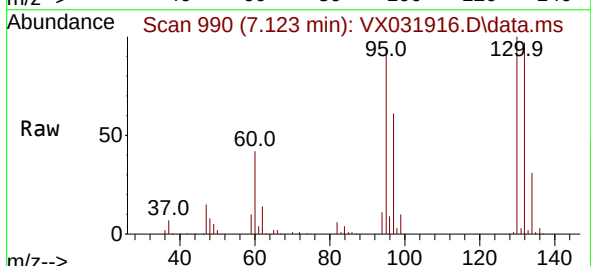
Manual Integrations
APPROVED

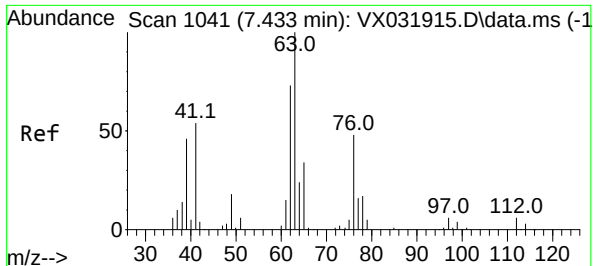
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#44
Trichloroethene
Concen: 94.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:130 Resp: 130560
Ion Ratio Lower Upper
130 100
95 94.3 0.0 206.8





#45

1,2-Dichloropropane

Concen: 113.563 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 108098

Ion Ratio Lower Upper

63 100

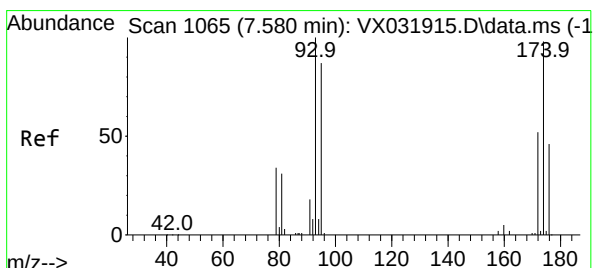
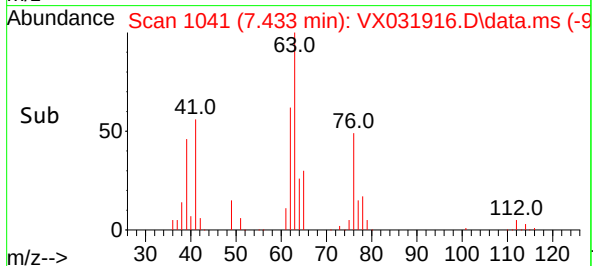
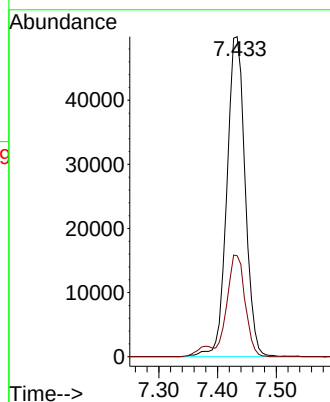
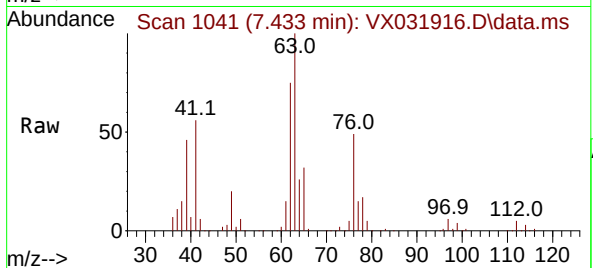
65 31.6 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#46

Dibromomethane

Concen: 102.818 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

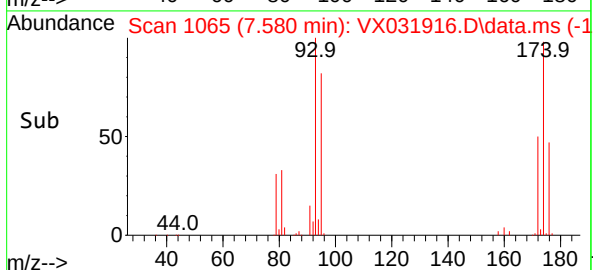
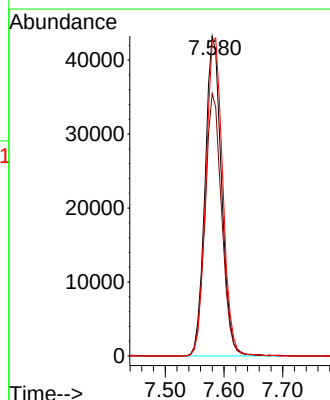
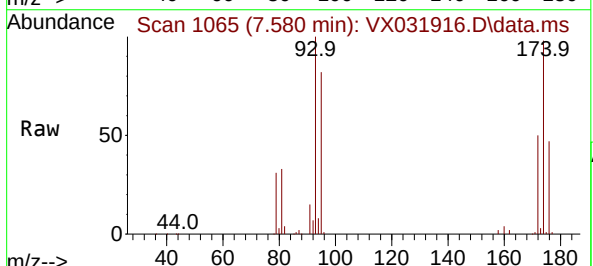
Tgt Ion: 93 Resp: 84226

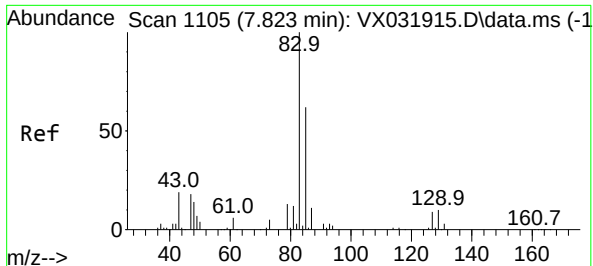
Ion Ratio Lower Upper

93 100

95 82.6 65.5 98.3

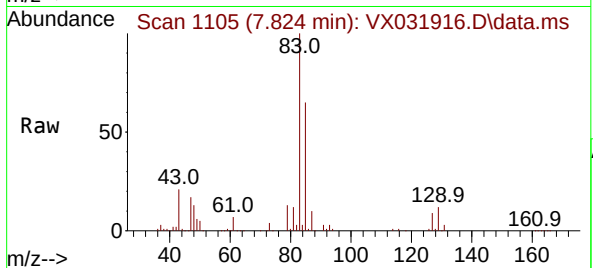
174 101.4 67.6 101.4#





#47
Bromodichloromethane
Concen: 114.481 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

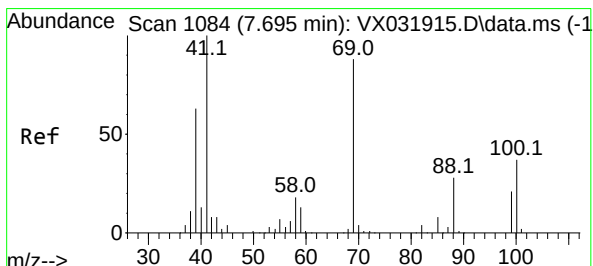
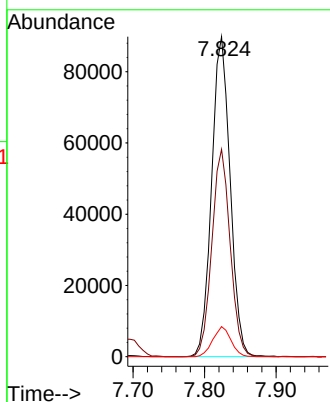
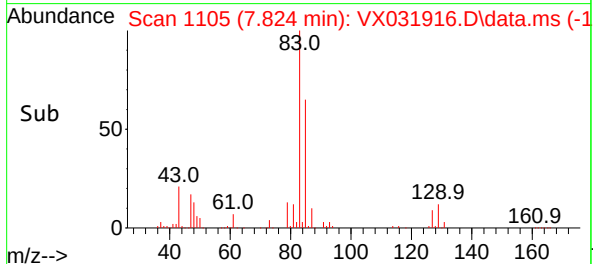
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



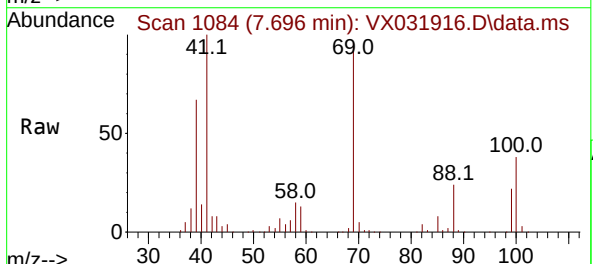
Tgt Ion: 83 Resp: 16135
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6
127 9.4 7.0 10.6

Manual Integrations
APPROVED

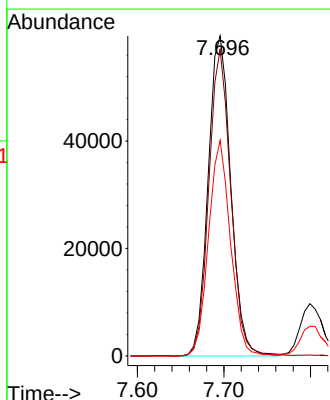
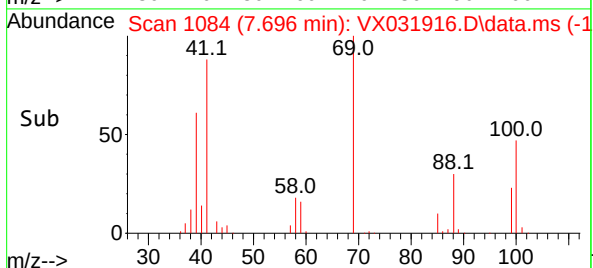
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

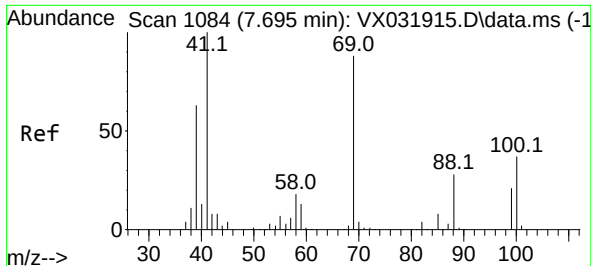


#48
Methyl methacrylate
Concen: 131.496 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



Tgt Ion: 41 Resp: 108161
Ion Ratio Lower Upper
41 100
69 92.6 64.6 96.8
39 65.3 51.4 77.0





#49

1,4-Dioxane

Concen: 1790.503 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

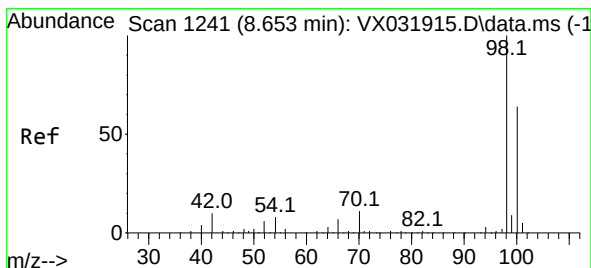
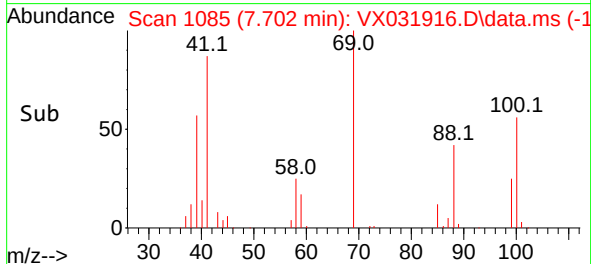
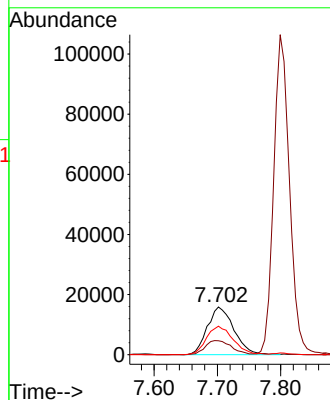
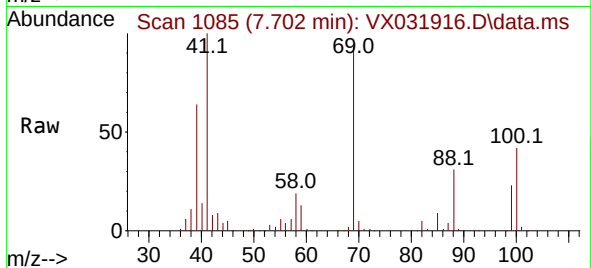
Tgt Ion: 88 Resp: 4618
 Ion Ratio Lower Upper
 88 100
 43 29.4 27.1 40.7
 58 60.1 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#50

Toluene-d8

Concen: 102.781 ug/l

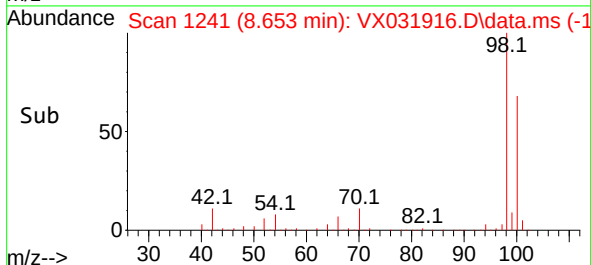
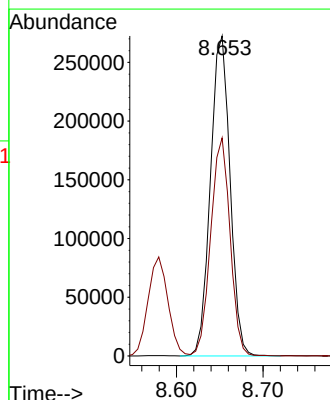
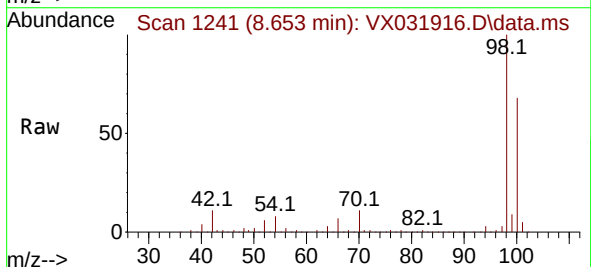
RT: 8.653 min Scan# 1241

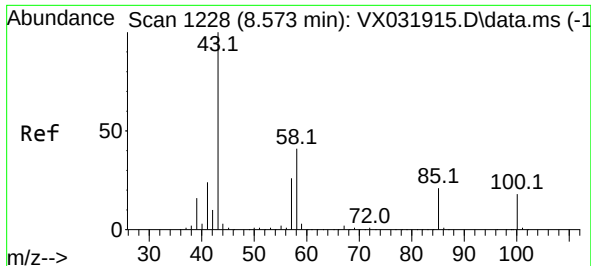
Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Tgt Ion: 98 Resp: 428515
 Ion Ratio Lower Upper
 98 100
 100 67.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 620.338 ug/l

RT: 8.580 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 719260

Ion Ratio Lower Upper

43 100

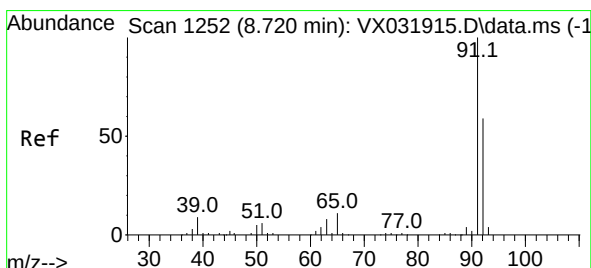
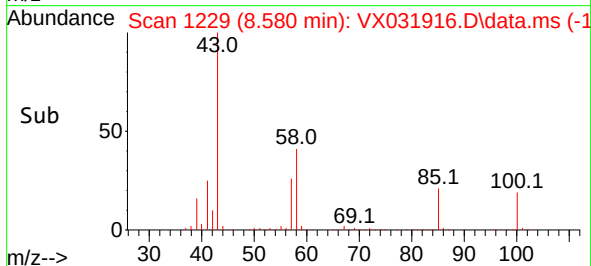
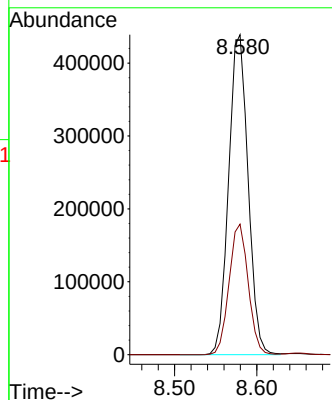
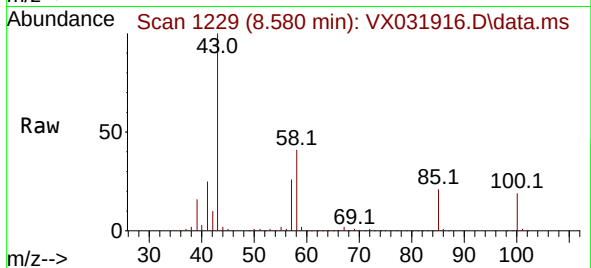
58 40.2 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#52

Toluene

Concen: 99.790 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX031916.D

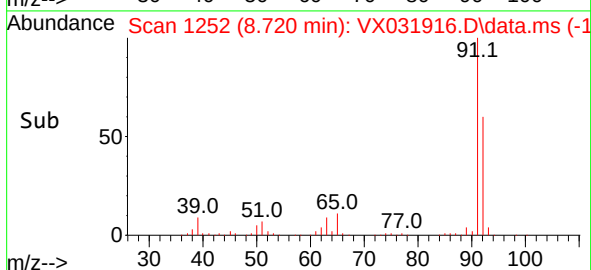
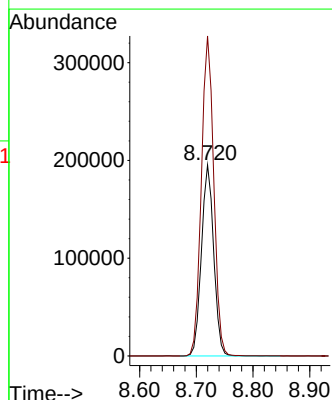
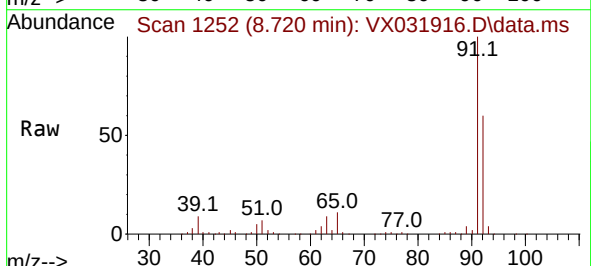
Acq: 06 Oct 2022 12:58

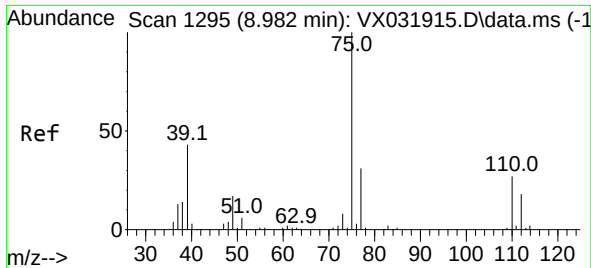
Tgt Ion: 92 Resp: 292932

Ion Ratio Lower Upper

92 100

91 169.1 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 129.630 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 166592

Ion Ratio Lower Upper

75 100

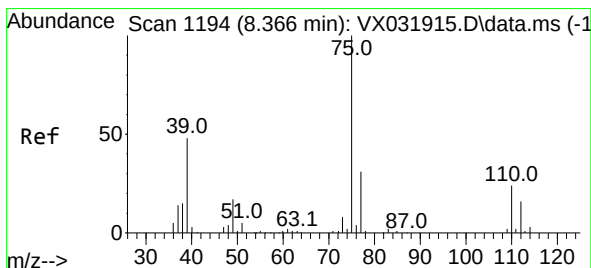
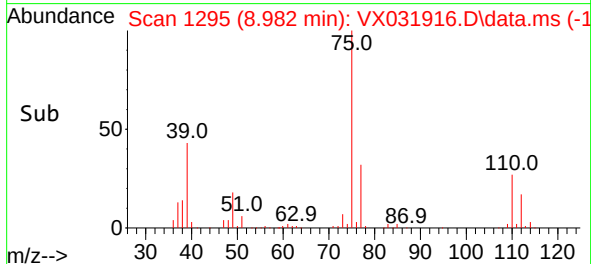
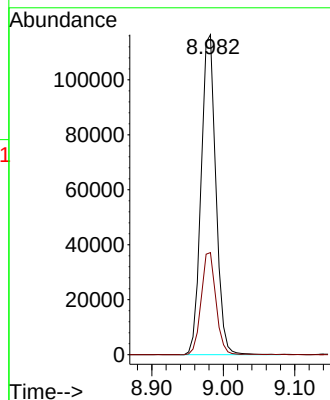
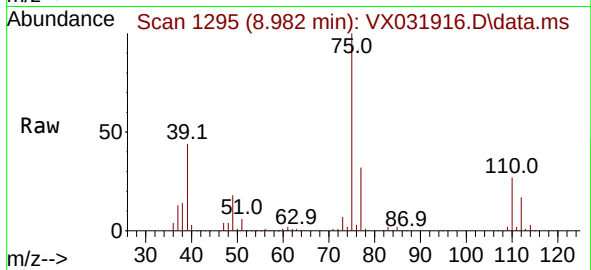
77 31.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#54

cis-1,3-Dichloropropene

Concen: 124.331 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

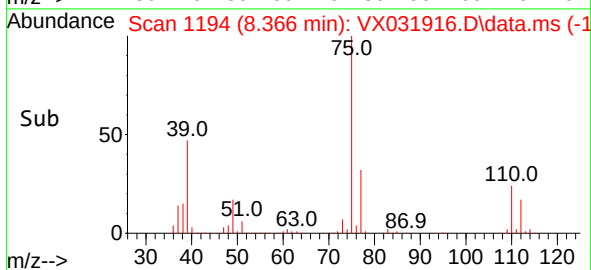
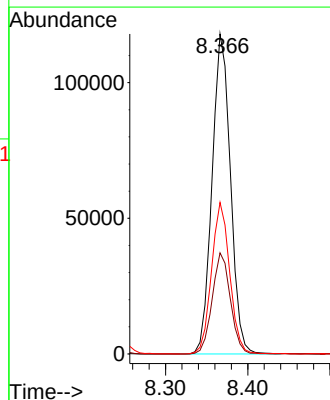
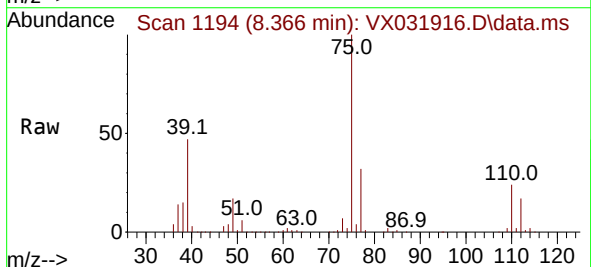
Tgt Ion: 75 Resp: 183451

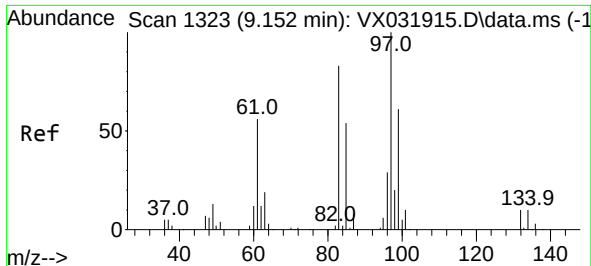
Ion Ratio Lower Upper

75 100

77 31.6 24.4 36.6

39 47.4 43.7 65.5





#55

1,1,2-Trichloroethane

Concen: 99.291 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 11969

Ion Ratio Lower Upper

97 100

83 81.8 69.0 103.6

85 53.2 44.1 66.1

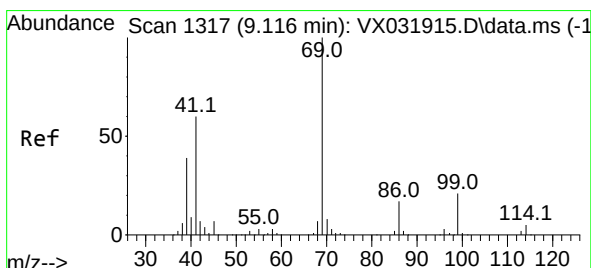
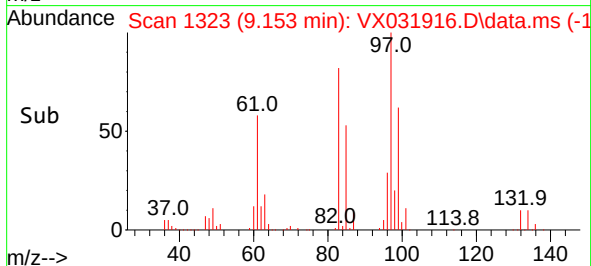
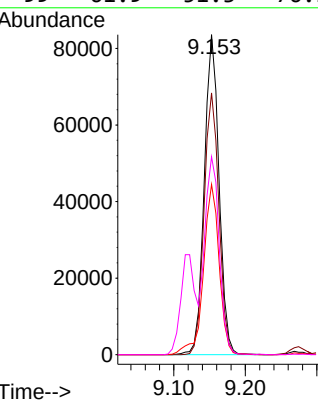
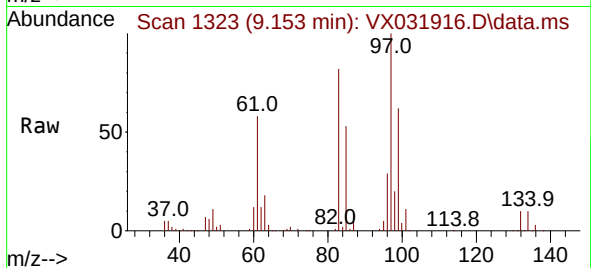
99 61.9 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#56

Ethyl methacrylate

Concen: 120.188 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

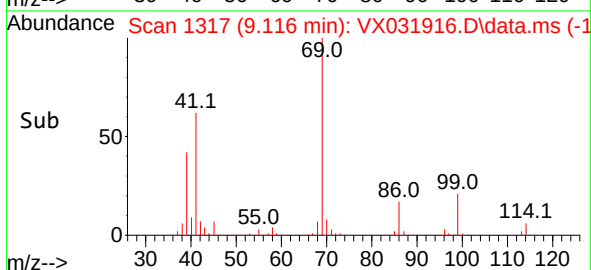
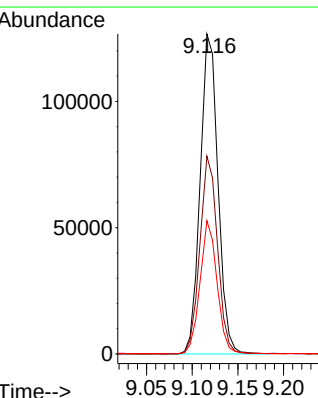
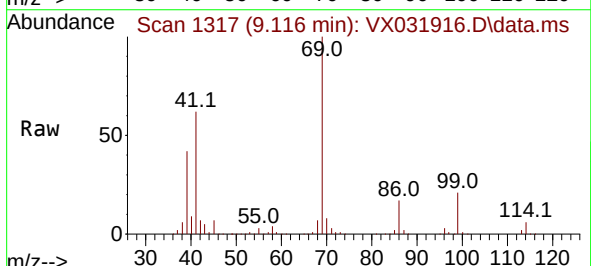
Tgt Ion: 69 Resp: 171428

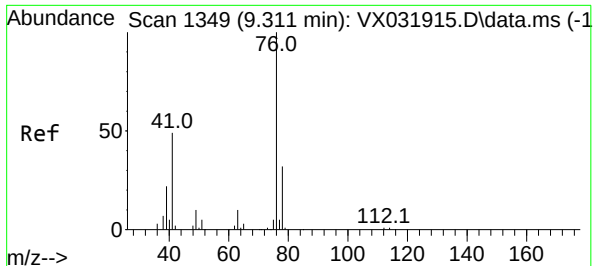
Ion Ratio Lower Upper

69 100

41 61.6 54.2 81.4

39 39.9 34.2 51.2





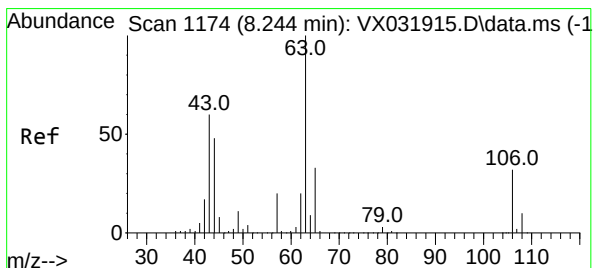
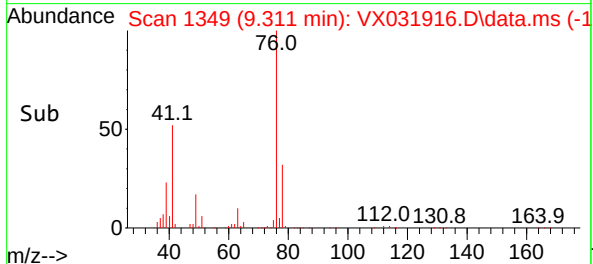
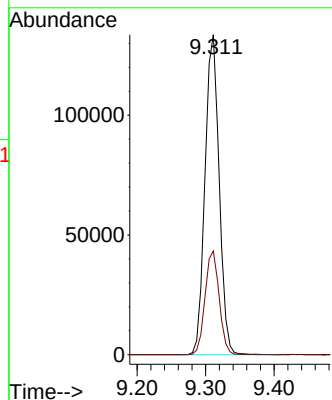
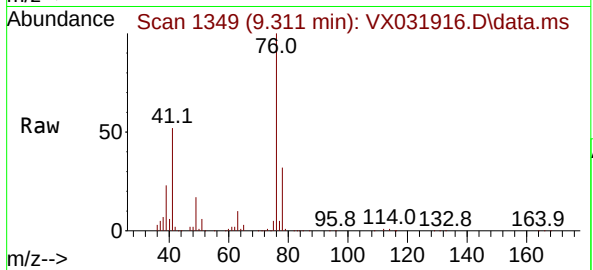
#57
1,3-Dichloropropane
Concen: 105.849 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 19234
Ion Ratio Lower Upper
76 100
78 32.3 25.5 38.3

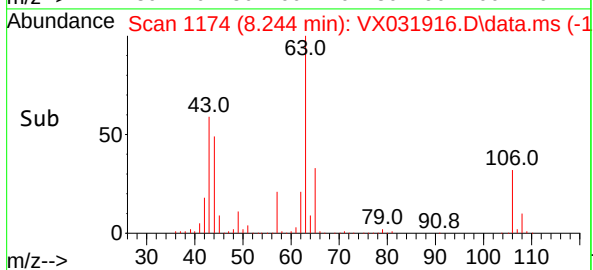
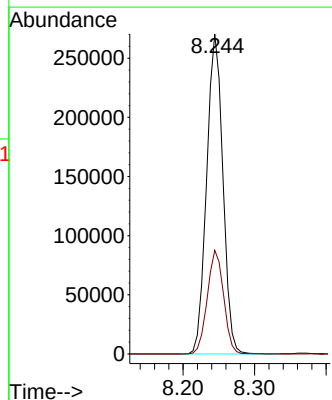
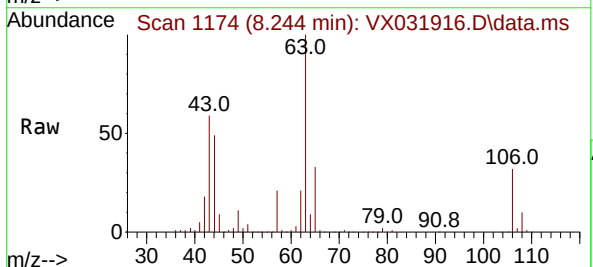
Manual Integrations
APPROVED

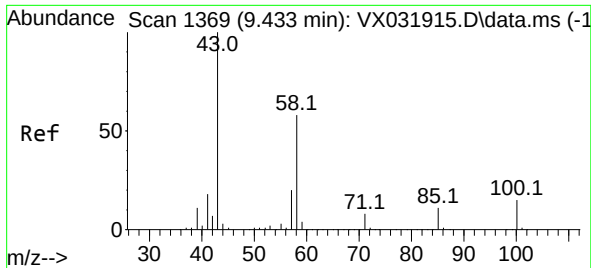
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#58
2-Chloroethyl Vinyl ether
Concen: 595.418 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

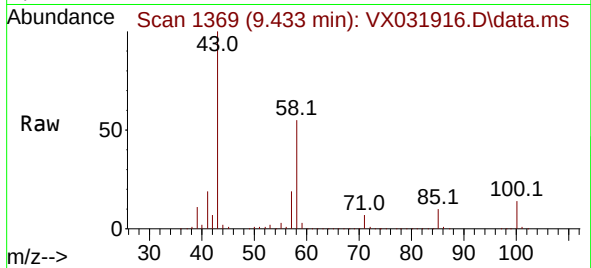
Tgt Ion: 63 Resp: 426789
Ion Ratio Lower Upper
63 100
106 32.5 22.6 34.0





#59
2-Hexanone
Concen: 628.496 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

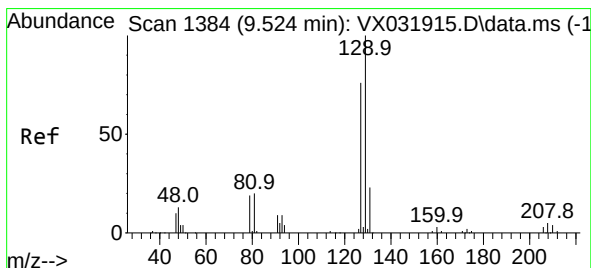
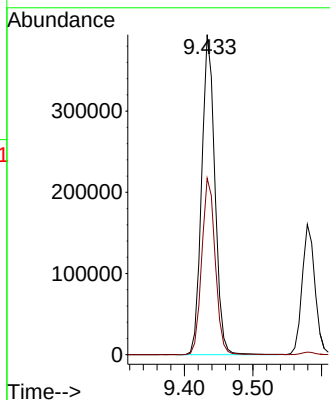
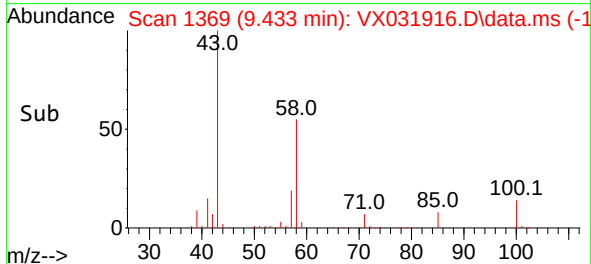
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 529558
Ion Ratio Lower Upper
43 100
58 56.2 26.7 80.0

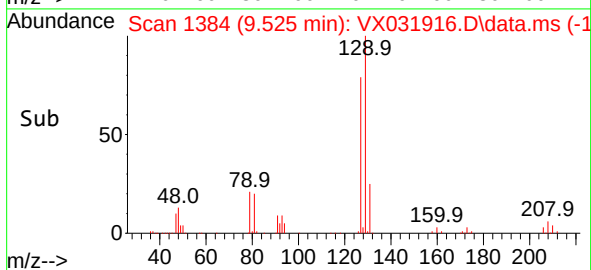
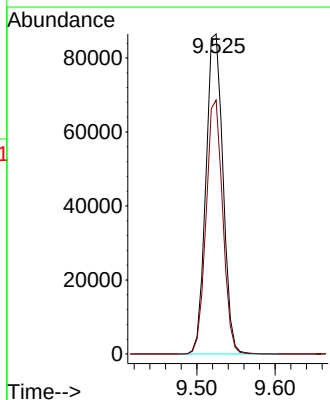
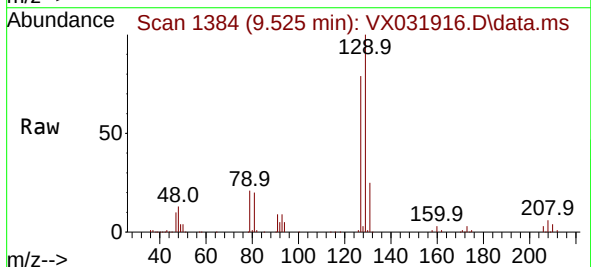
Manual Integrations
APPROVED

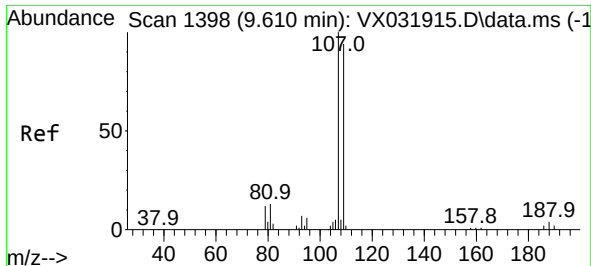
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#60
Dibromochloromethane
Concen: 109.354 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:129 Resp: 130654
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





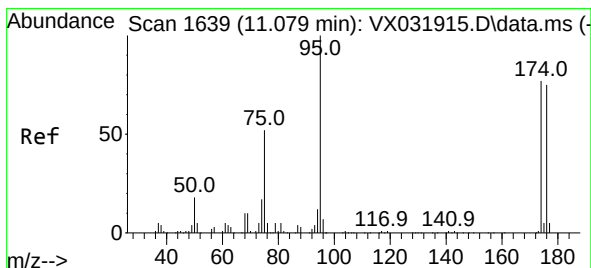
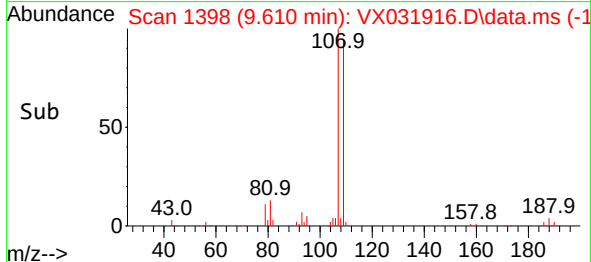
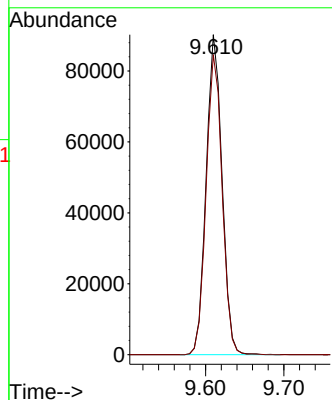
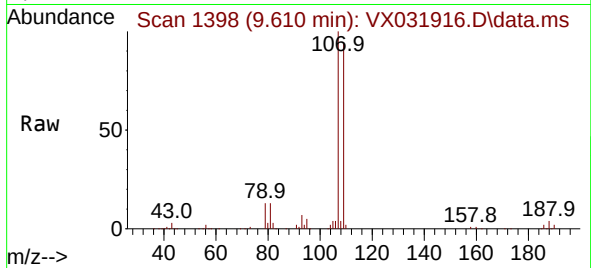
#61
1,2-Dibromoethane
Concen: 99.987 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 126949
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4

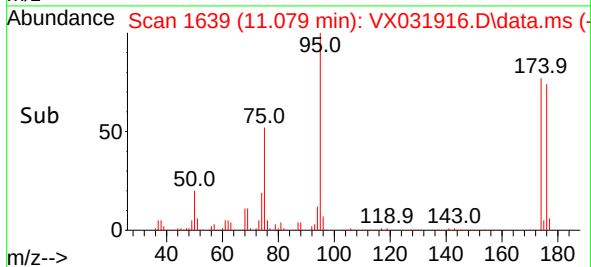
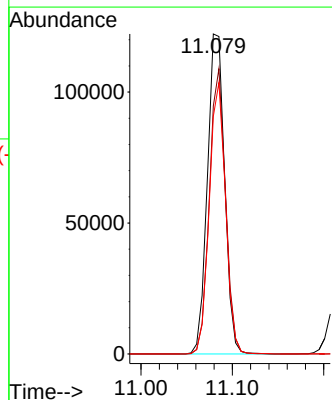
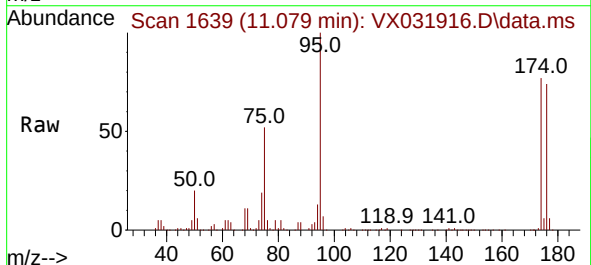
Manual Integrations
APPROVED

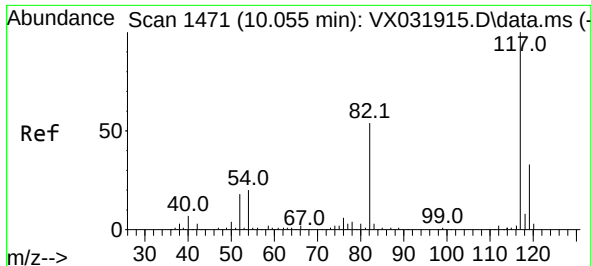
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#62
4-Bromofluorobenzene
Concen: 106.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

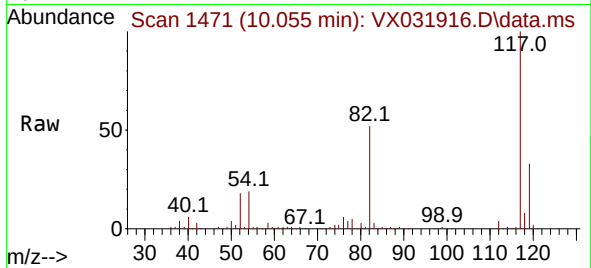
Tgt Ion: 95 Resp: 159469
Ion Ratio Lower Upper
95 100
174 83.9 0.0 153.2
176 80.4 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

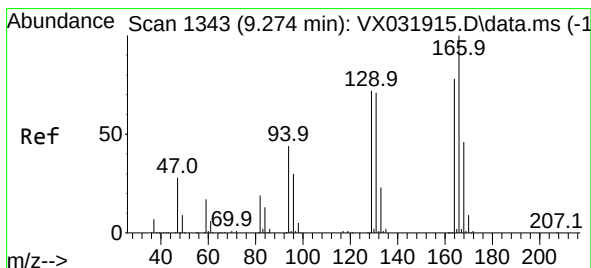
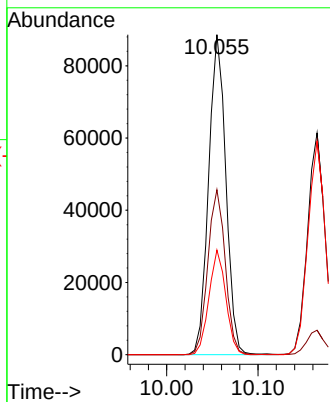
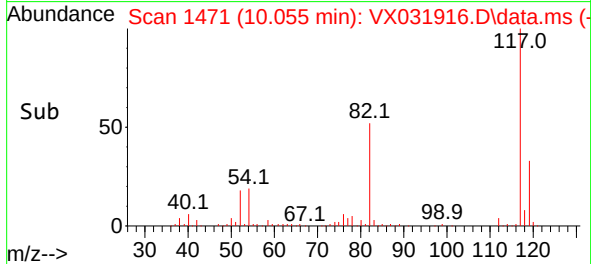
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 115770
Ion Ratio Lower Upper
117 100
82 51.6 46.8 70.2
119 32.7 26.4 39.6

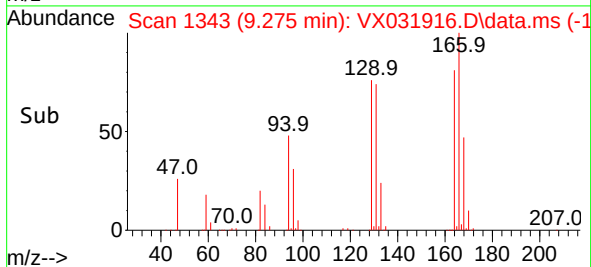
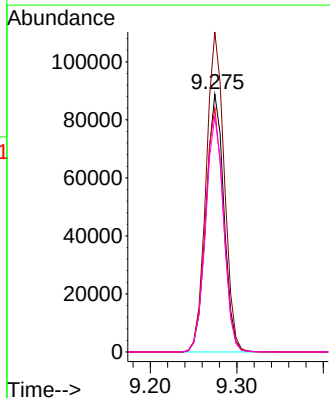
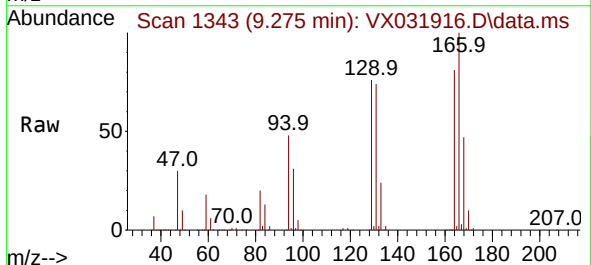
Manual Integrations
APPROVED

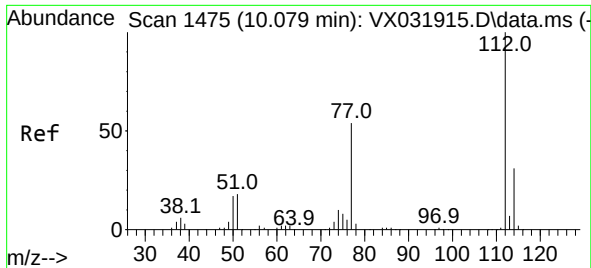
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#64
Tetrachloroethene
Concen: 90.473 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:164 Resp: 127095
Ion Ratio Lower Upper
164 100
166 124.1 99.0 148.4
129 94.7 78.0 117.0
131 91.3 74.2 111.2





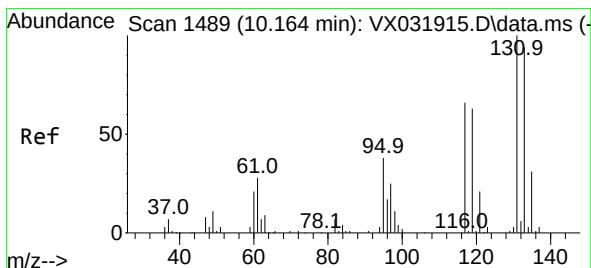
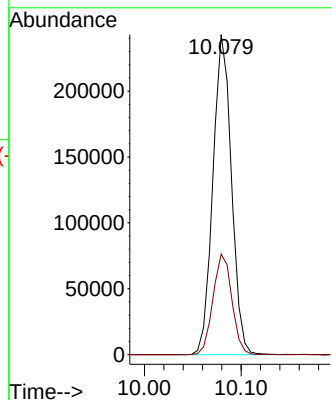
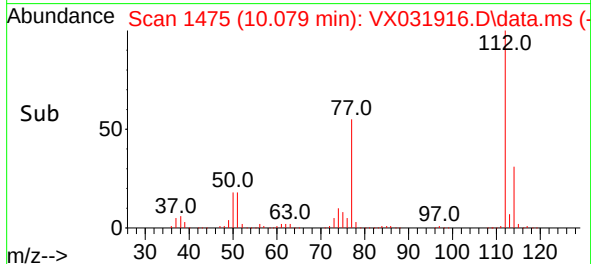
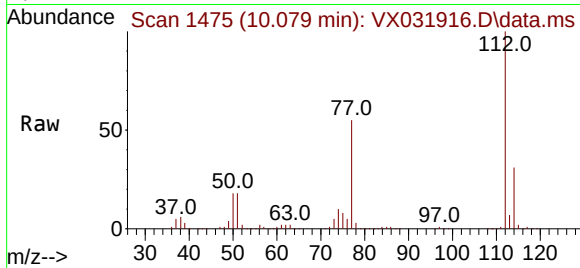
#65
Chlorobenzene
Concen: 97.648 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 32373
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

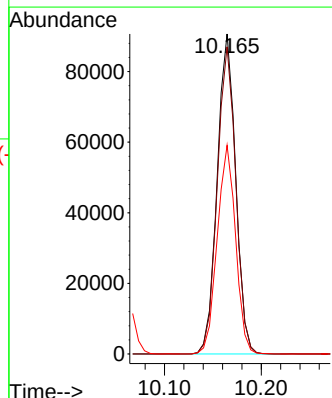
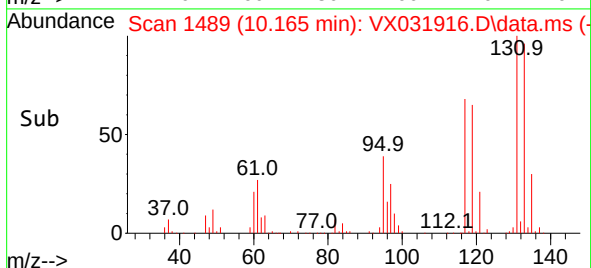
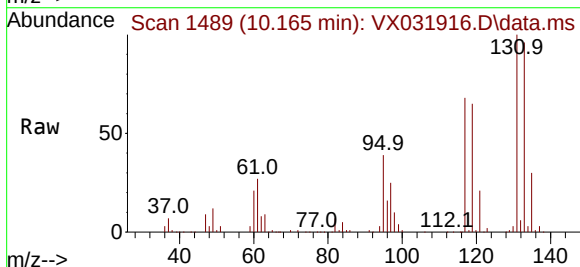
Manual Integrations
APPROVED

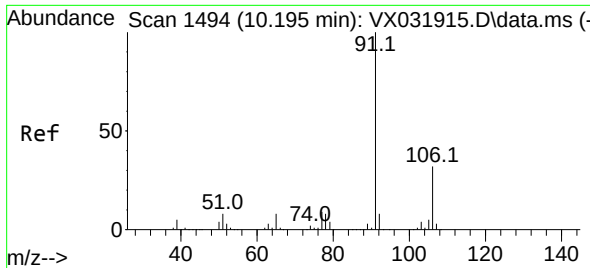
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 103.722 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

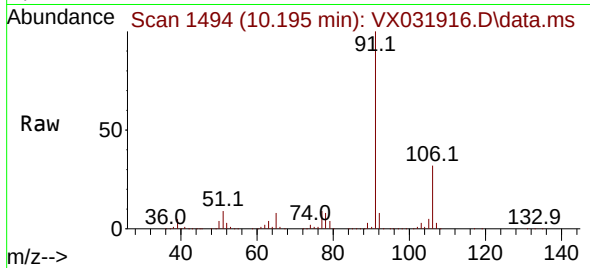
Tgt Ion:131 Resp: 120072
Ion Ratio Lower Upper
131 100
133 96.3 46.6 139.7
119 64.9 31.9 95.9





#67
Ethyl Benzene
Concen: 104.441 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

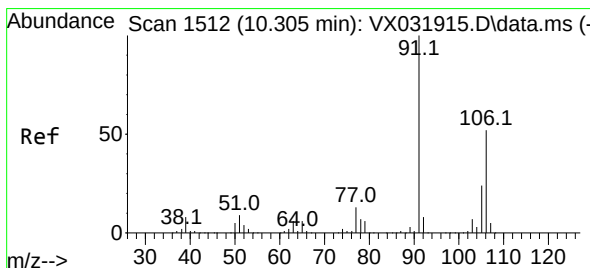
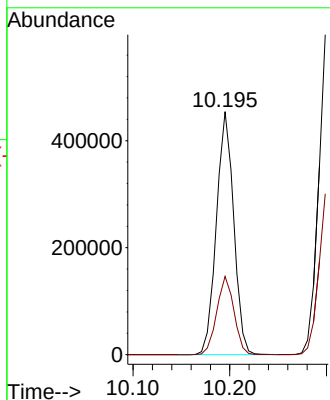
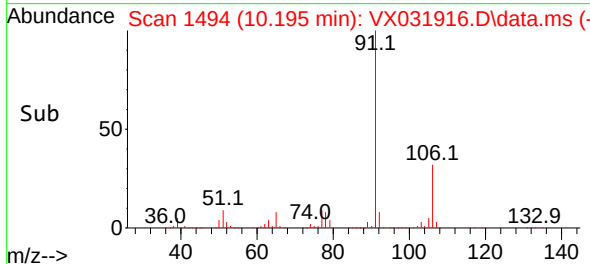
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



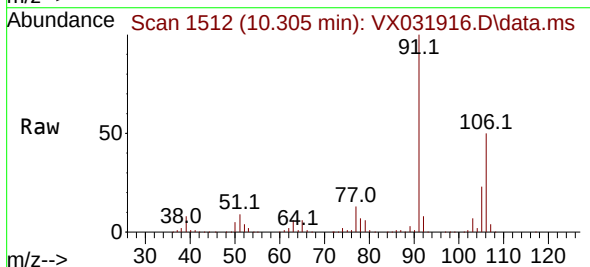
Tgt Ion: 91 Resp: 563009
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8

Manual Integrations
APPROVED

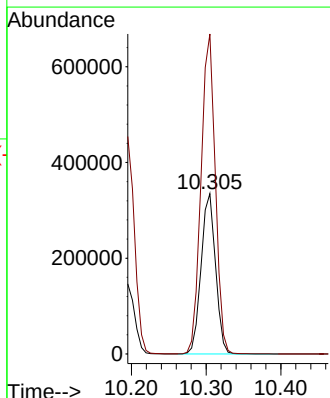
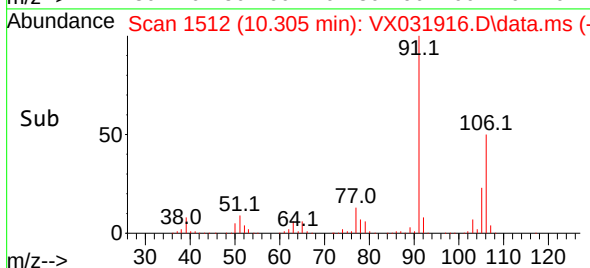
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022

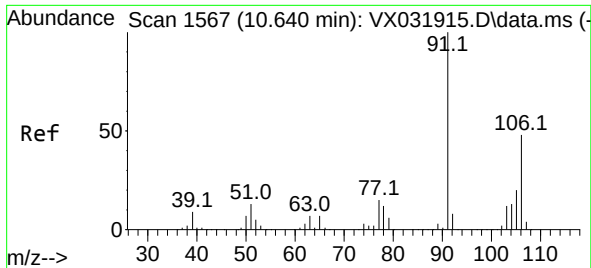


#68
m/p-Xylenes
Concen: 199.597 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



Tgt Ion:106 Resp: 448984
Ion Ratio Lower Upper
106 100
91 198.3 161.0 241.4





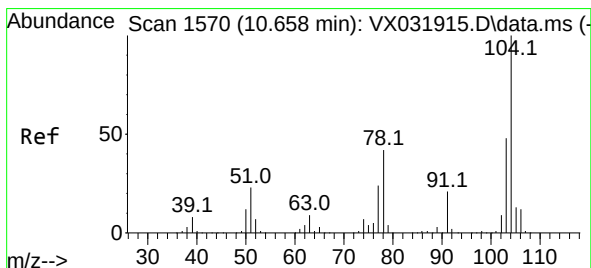
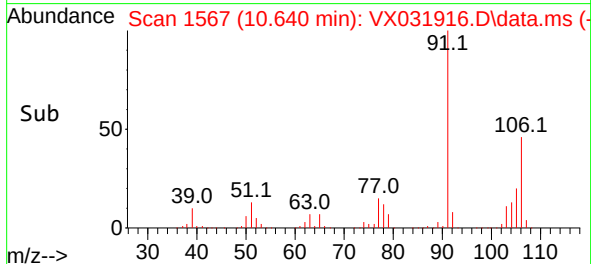
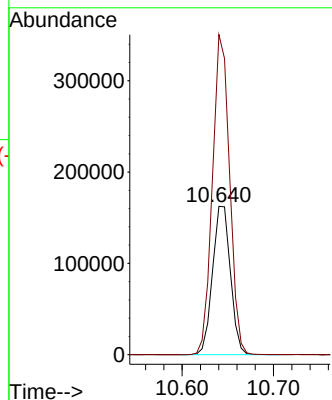
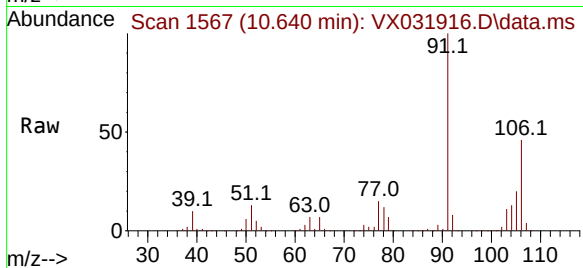
#69
o-Xylene
Concen: 99.885 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 220629
Ion Ratio Lower Upper
106 100
91 207.2 107.2 321.6

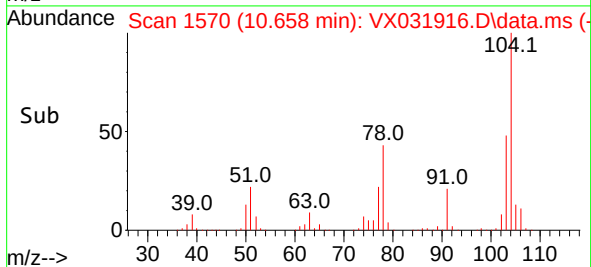
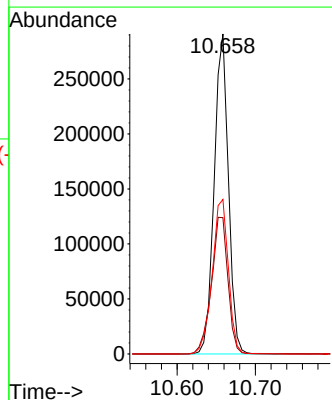
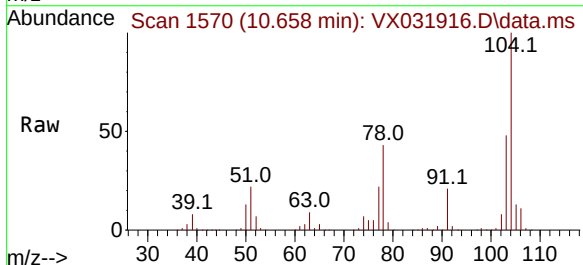
Manual Integrations
APPROVED

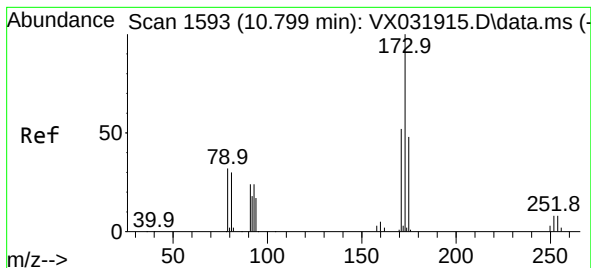
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#70
Styrene
Concen: 105.322 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

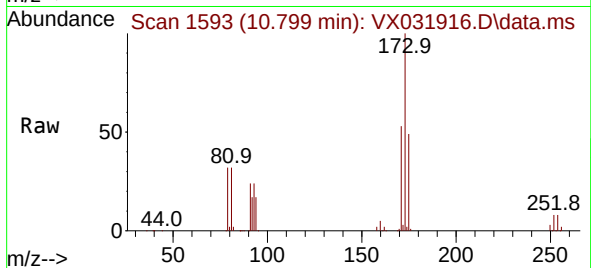
Tgt Ion:104 Resp: 366745
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 54.9 43.8 65.8





#71
Bromoform
Concen: 110.427 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

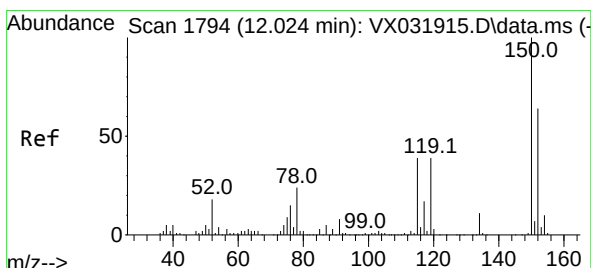
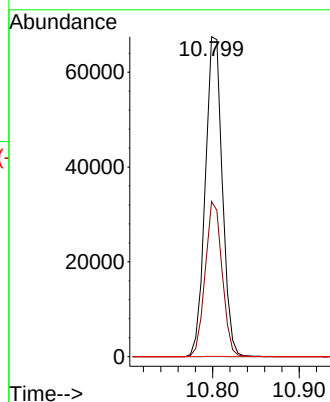
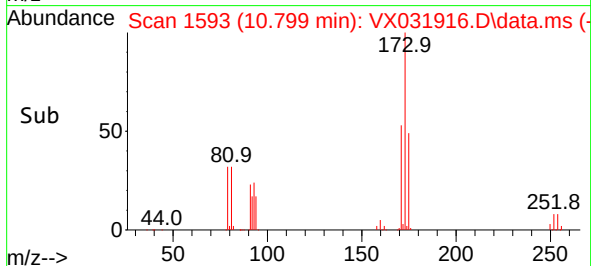
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 9228
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.1 0.0 0.0

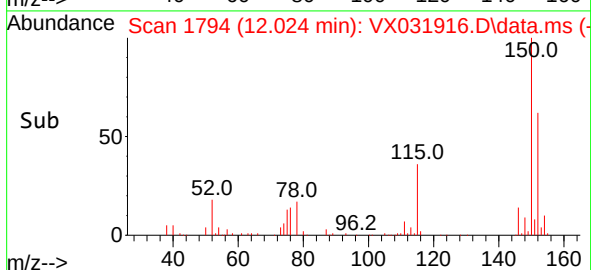
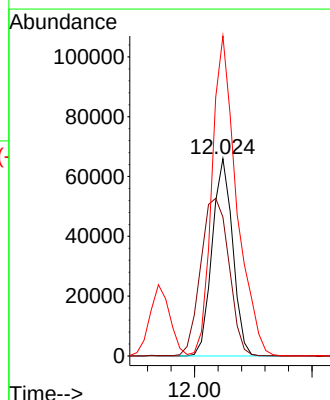
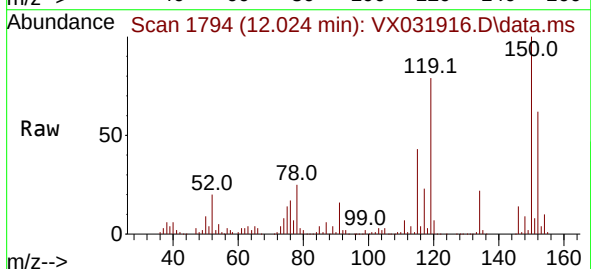
Manual Integrations
APPROVED

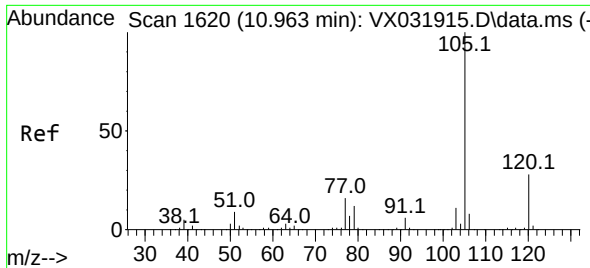
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:152 Resp: 80086
Ion Ratio Lower Upper
152 100
115 110.1 43.4 130.1
150 194.6 0.0 346.8





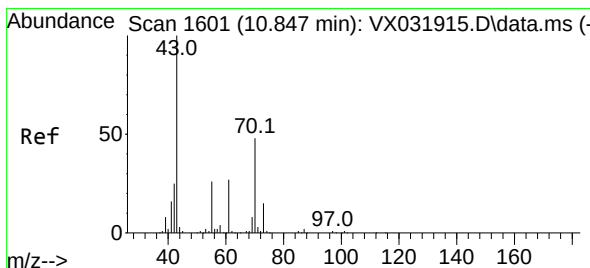
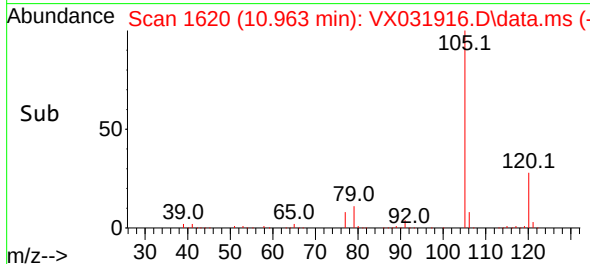
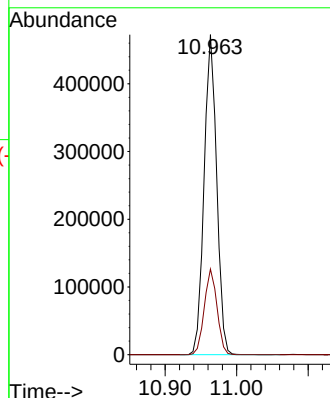
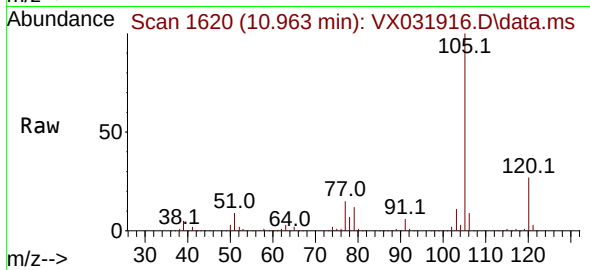
#73
Isopropylbenzene
Concen: 105.415 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 57680
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0

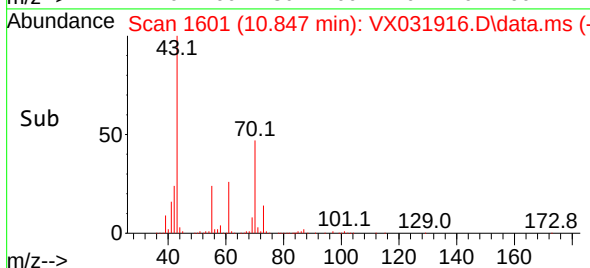
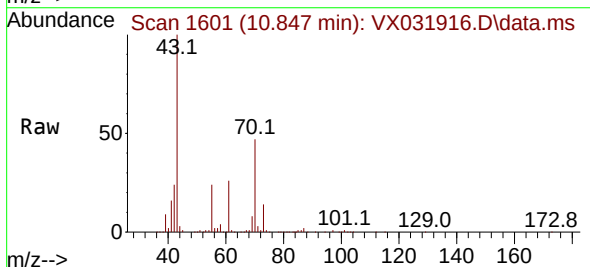
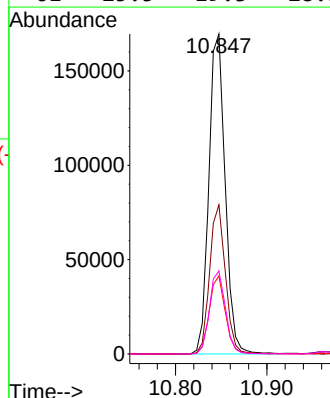
Manual Integrations
APPROVED

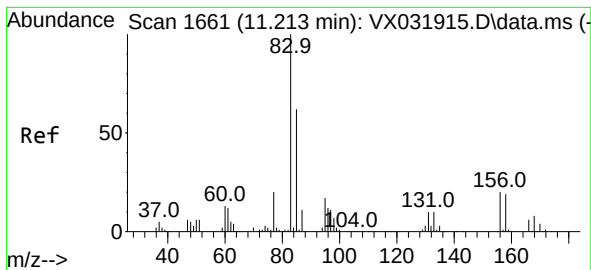
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#74
N-ethyl acetate
Concen: 161.095 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 43 Resp: 209973
Ion Ratio Lower Upper
43 100
70 45.3 33.4 50.2
55 24.2 18.2 27.2
61 25.5 19.3 28.9





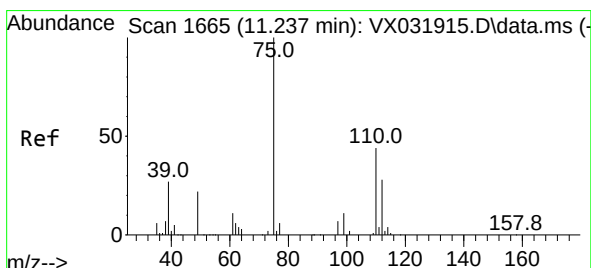
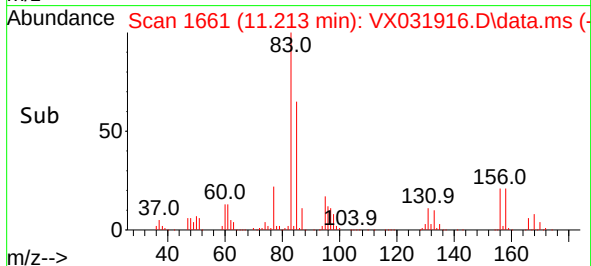
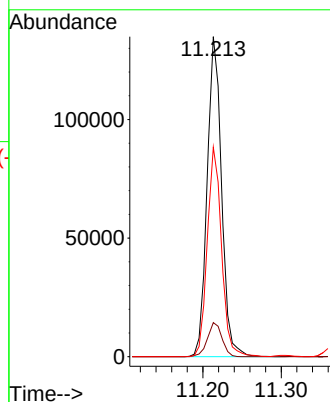
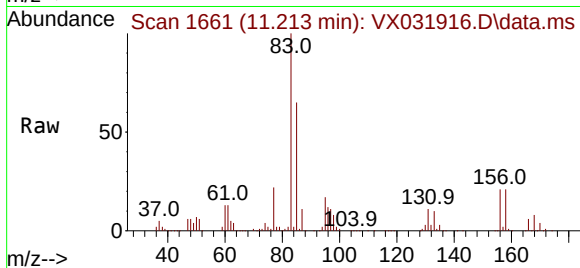
#75
1,1,2,2-Tetrachloroethane
Concen: 110.893 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 171810
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.4
85 64.8 32.6 97.8

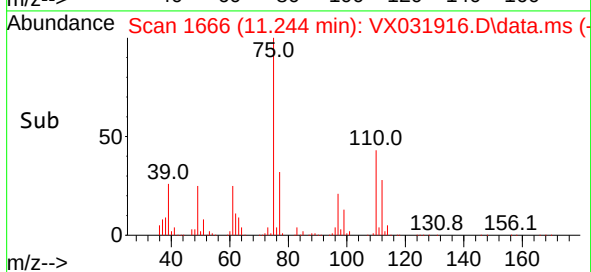
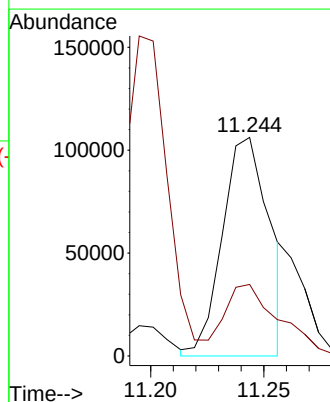
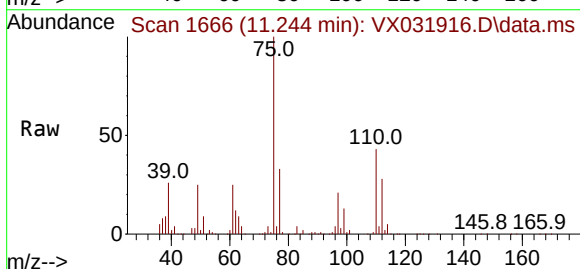
Manual Integrations
APPROVED

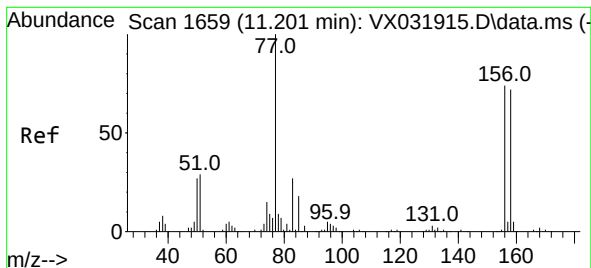
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#76
1,2,3-Trichloropropane
Concen: 118.002 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 75 Resp: 153628
Ion Ratio Lower Upper
75 100
77 37.7 20.3 60.9





#77

Bromobenzene

Concen: 98.060 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 142592

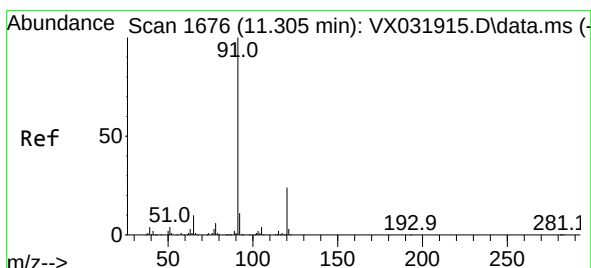
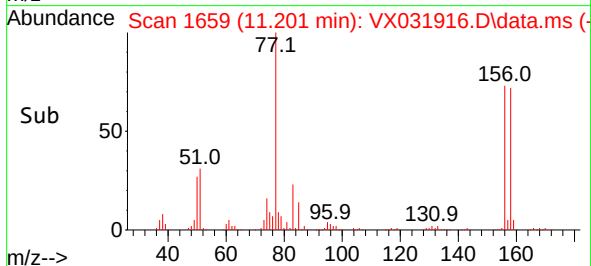
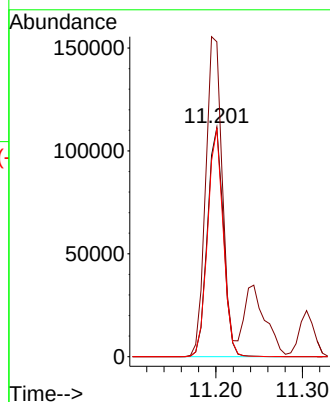
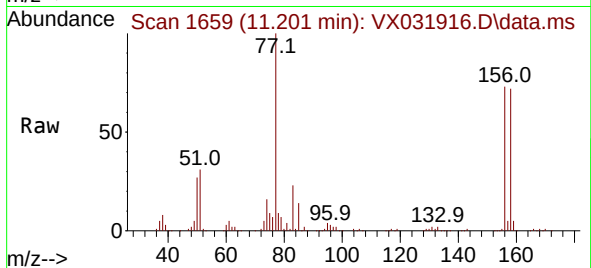
Ion	Ratio	Lower	Upper
156	100		
77	147.1	79.5	238.6
158	97.5	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#78

n-propylbenzene

Concen: 112.884 ug/l

RT: 11.305 min Scan# 1676

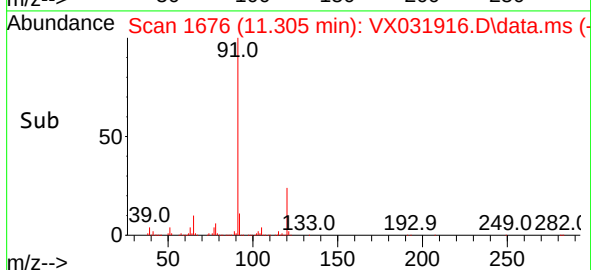
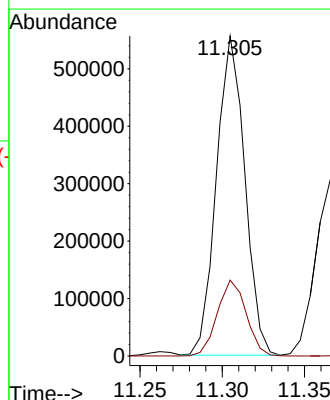
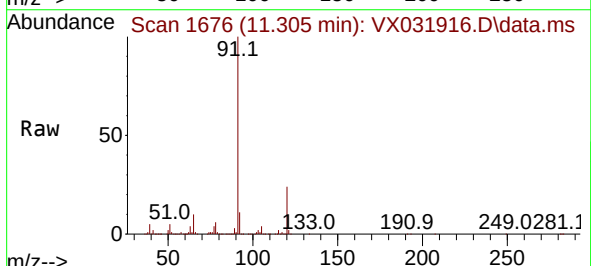
Delta R.T. 0.000 min

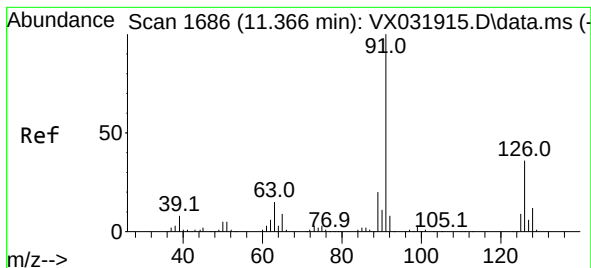
Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Tgt Ion: 91 Resp: 666660

Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4





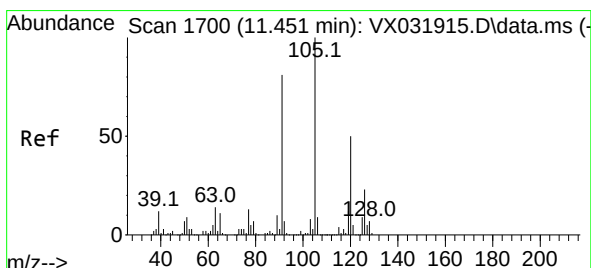
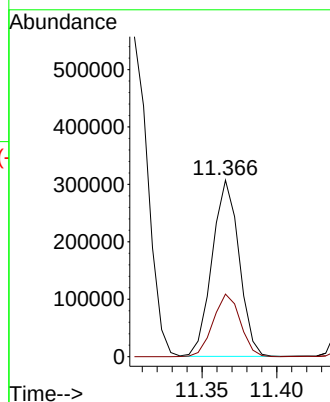
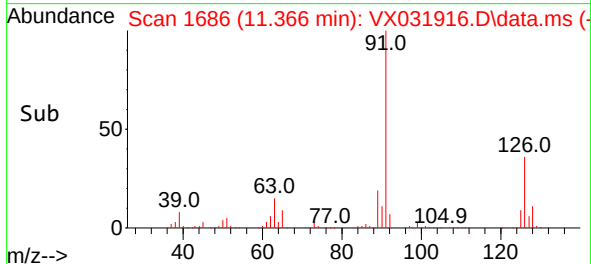
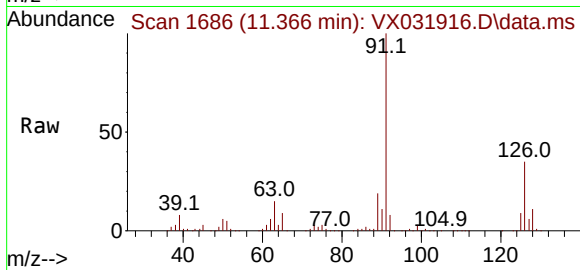
#79
2-Chlorotoluene
Concen: 107.261 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 38516
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3

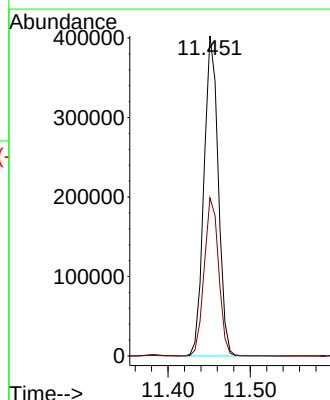
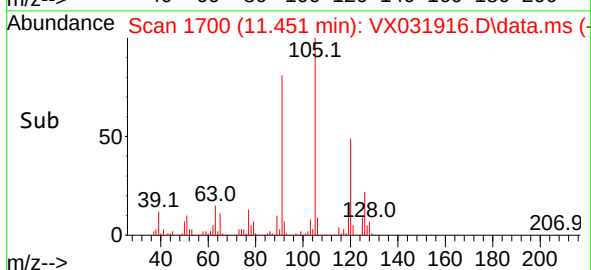
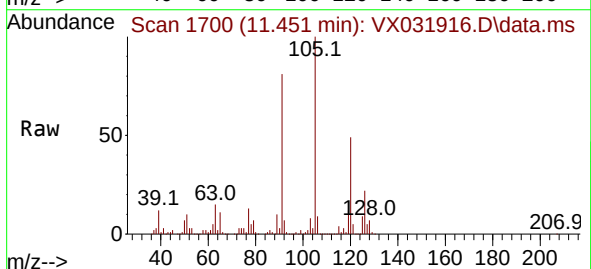
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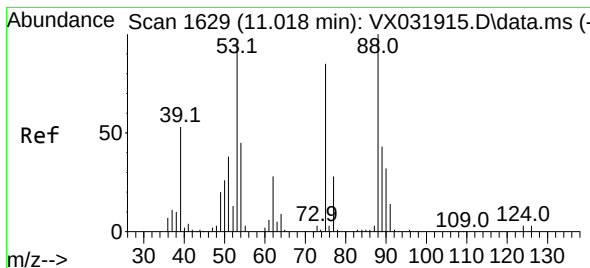
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 107.138 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion:105 Resp: 486521
Ion Ratio Lower Upper
105 100
120 49.9 24.5 73.5





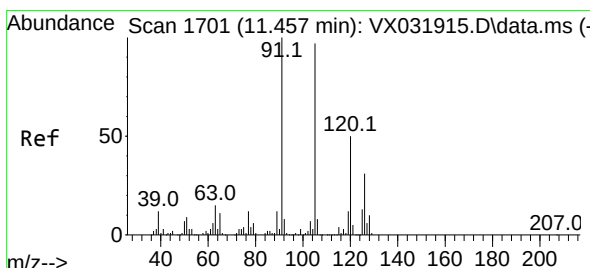
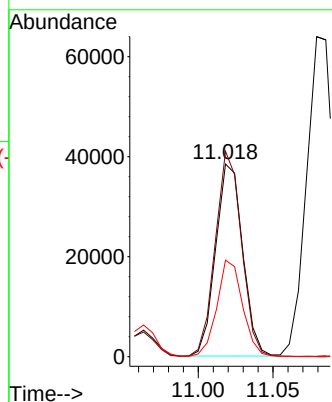
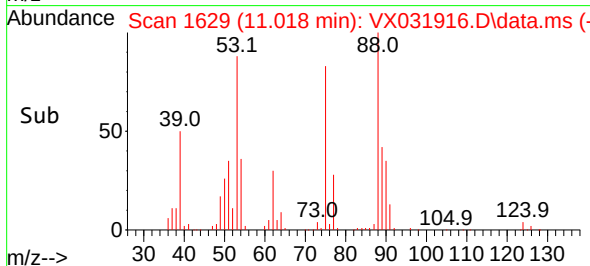
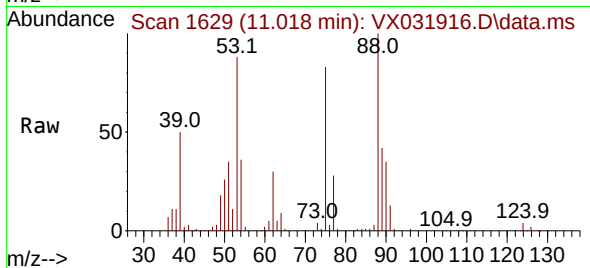
#81
trans-1,4-Dichloro-2-butene
Concen: 147.150 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 48379
Ion Ratio Lower Upper
75 100
53 103.2 77.6 116.4
89 47.8 37.4 56.0

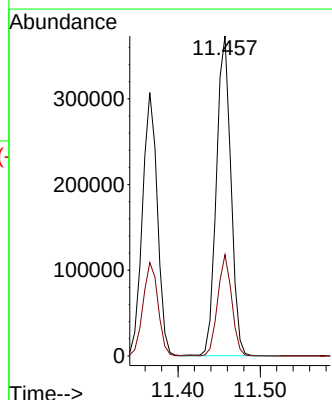
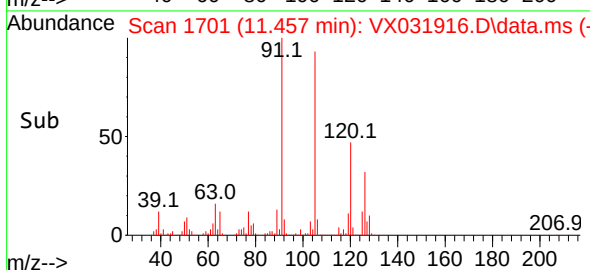
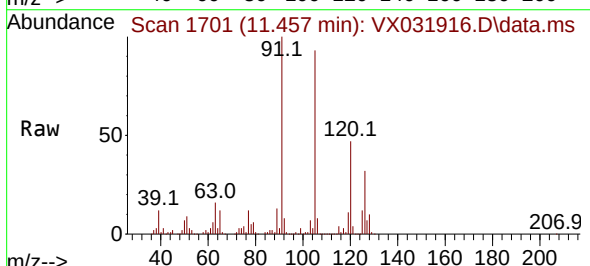
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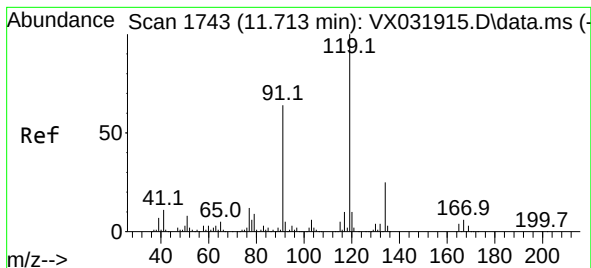
Reviewed By :John Carlone 10/07/2022
Supervised By :Mahesh Dadoda 10/07/2022



#82
4-Chlorotoluene
Concen: 110.973 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Tgt Ion: 91 Resp: 456633
Ion Ratio Lower Upper
91 100
126 30.6 15.1 45.3





#83

tert-Butylbenzene

Concen: 106.014 ug/l

RT: 11.719 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 481370

Ion Ratio Lower Upper

119 100

91 58.0 29.2 87.6

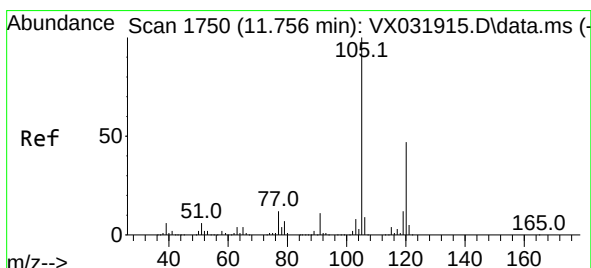
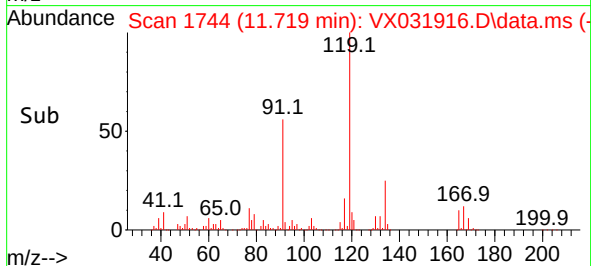
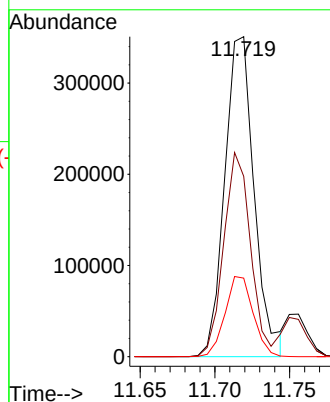
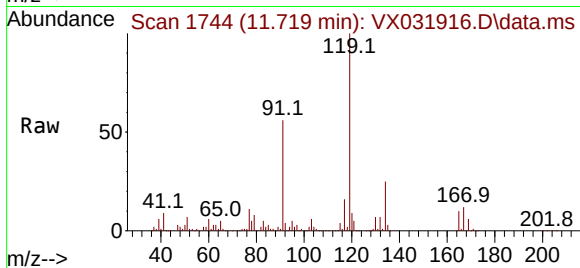
134 23.9 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#84

1,2,4-Trimethylbenzene

Concen: 107.348 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX031916.D

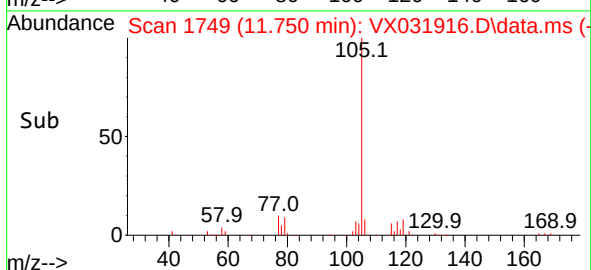
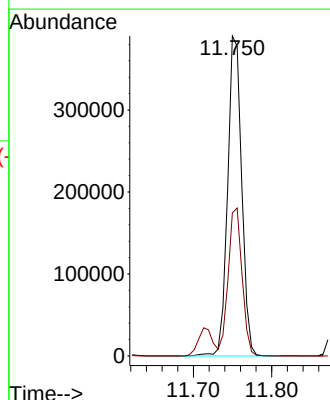
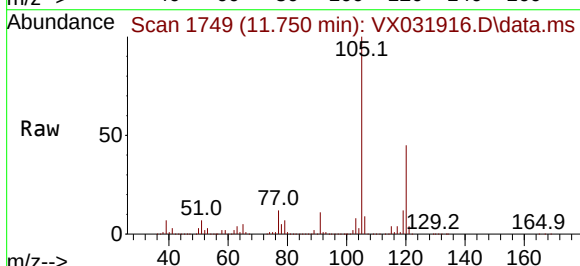
Acq: 06 Oct 2022 12:58

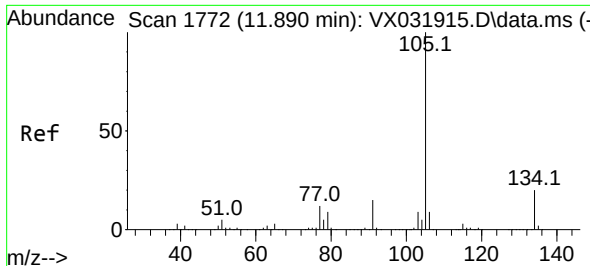
Tgt Ion:105 Resp: 486879

Ion Ratio Lower Upper

105 100

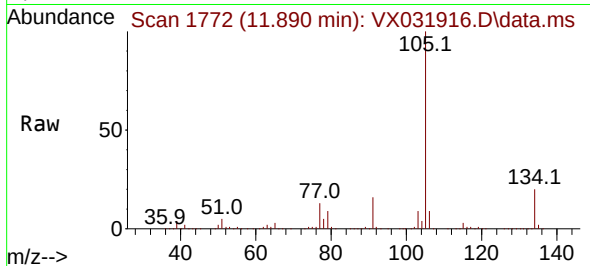
120 45.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 108.562 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031916.D
 Acq: 06 Oct 2022 12:58

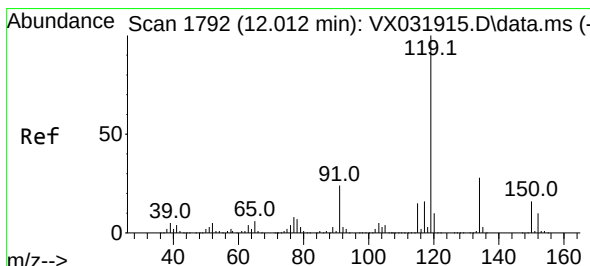
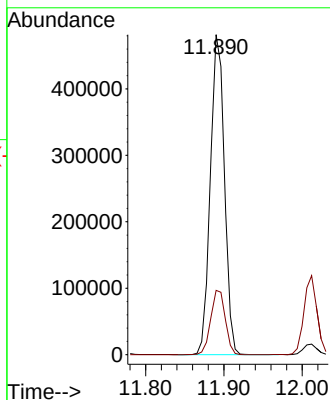
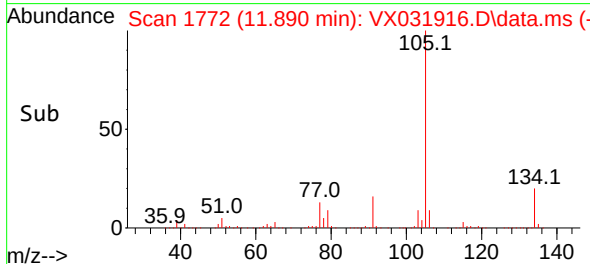
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



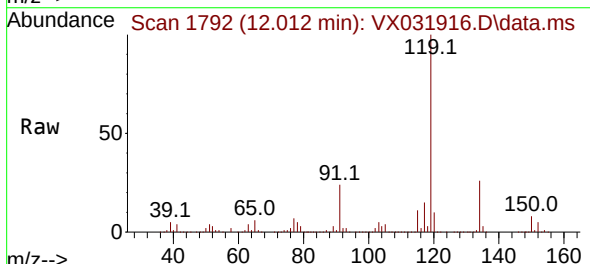
Tgt Ion:105 Resp: 599512
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

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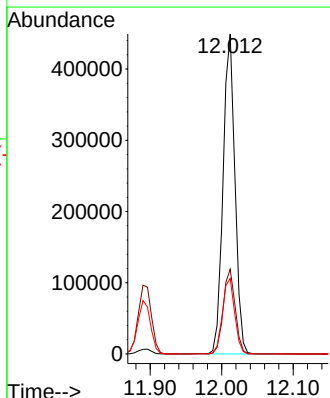
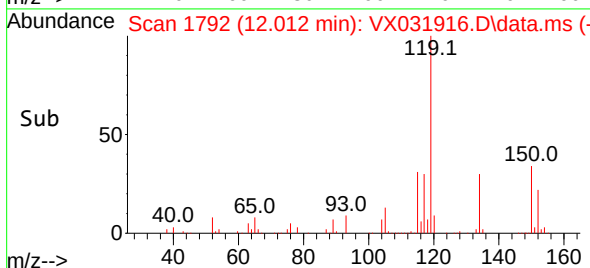
Reviewed By :John Carlone 10/07/2022
 Supervised By :Mahesh Dadoda 10/07/2022

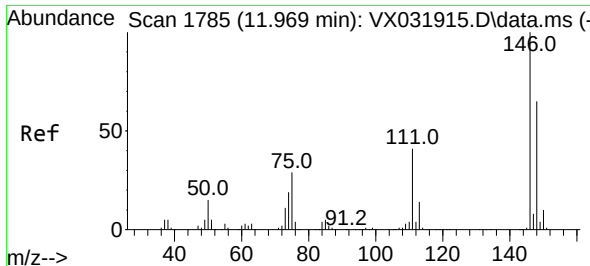


#86
 p-Isopropyltoluene
 Concen: 107.664 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031916.D
 Acq: 06 Oct 2022 12:58



Tgt Ion:119 Resp: 519954
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 99.745 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 27460

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

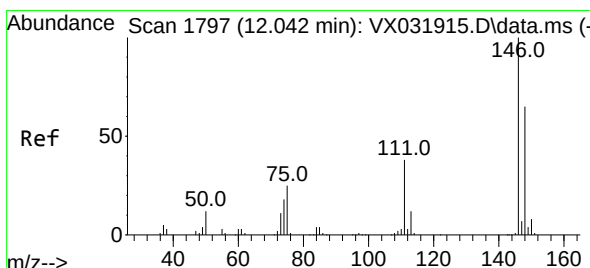
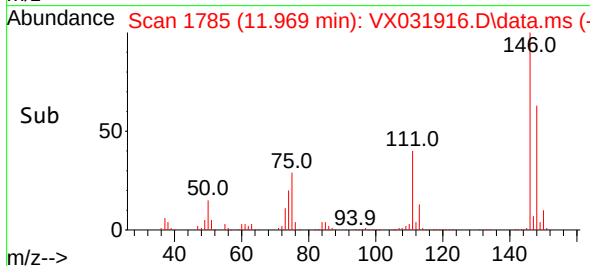
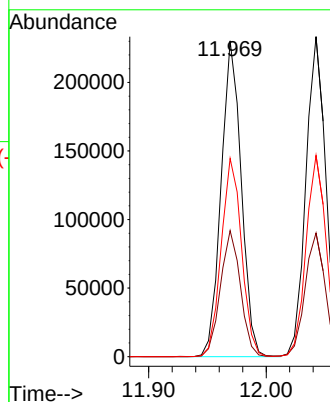
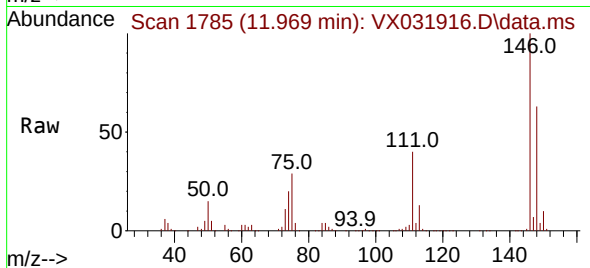
148 63.6 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#88

1,4-Dichlorobenzene

Concen: 97.175 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

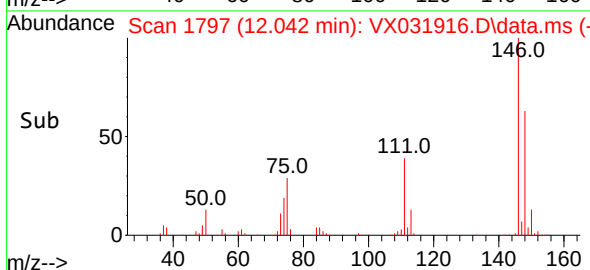
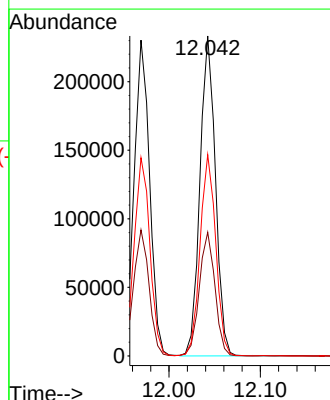
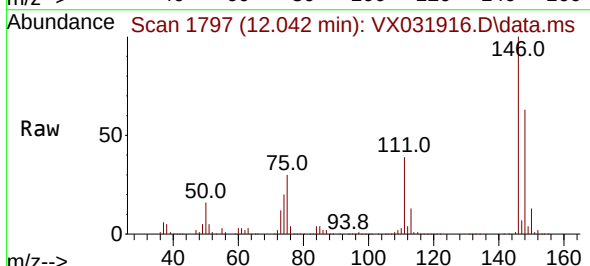
Tgt Ion:146 Resp: 275361

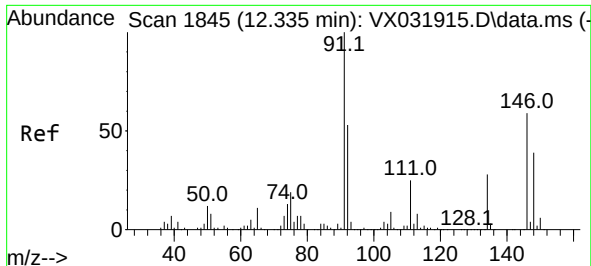
Ion Ratio Lower Upper

146 100

111 39.1 20.5 61.5

148 63.5 32.0 96.2





#89

n-Butylbenzene

Concen: 120.868 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 44526

Ion Ratio Lower Upper

91 100

92 53.7 27.0 81.0

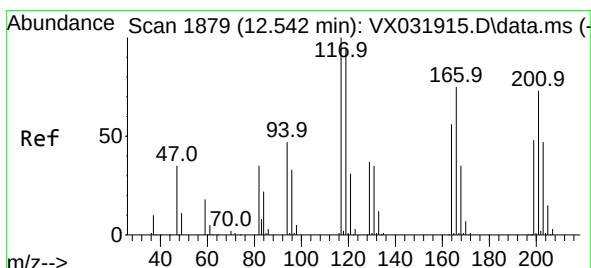
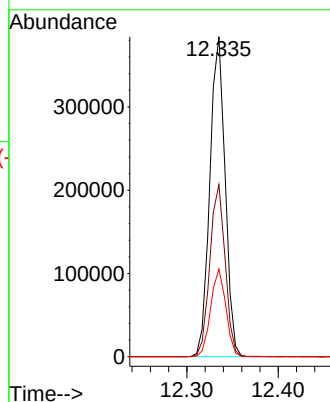
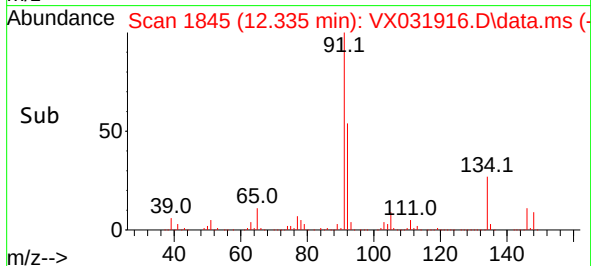
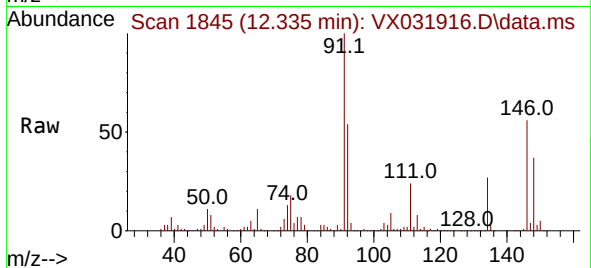
134 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#90

Hexachloroethane

Concen: 127.880 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX031916.D

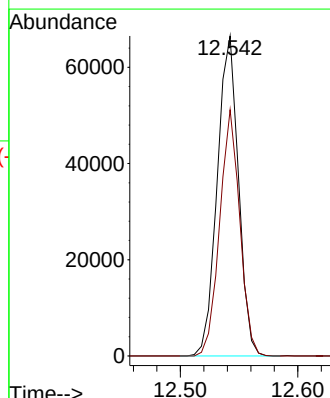
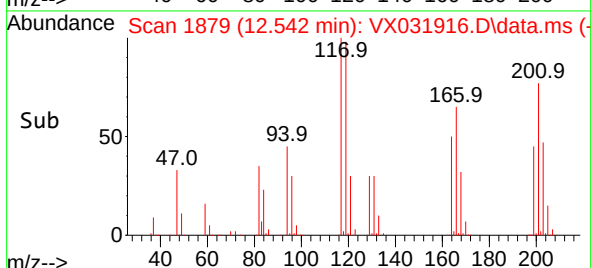
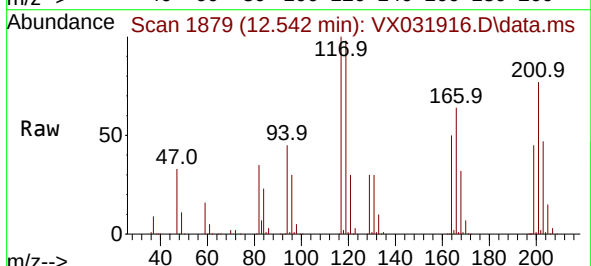
Acq: 06 Oct 2022 12:58

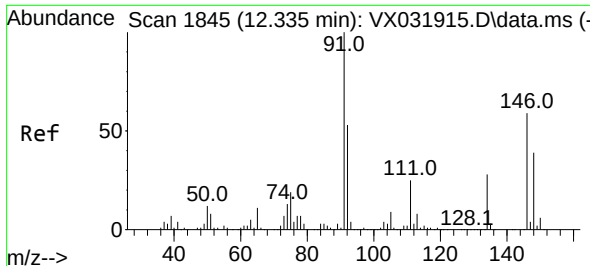
Tgt Ion:117 Resp: 83518

Ion Ratio Lower Upper

117 100

201 72.9 34.8 104.4





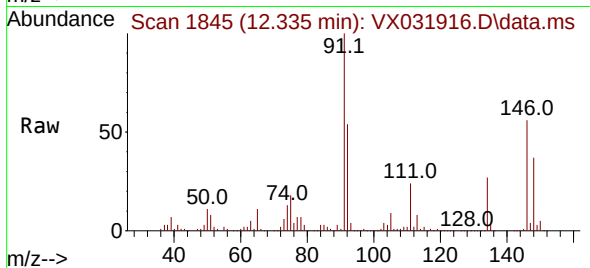
#91
1,2-Dichlorobenzene
Concen: 96.836 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



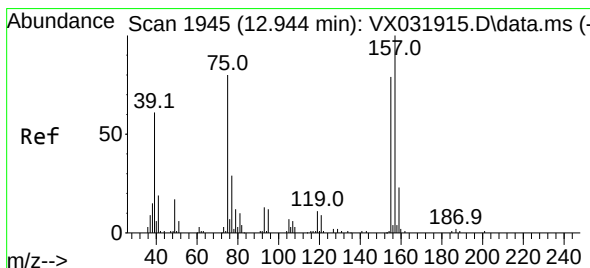
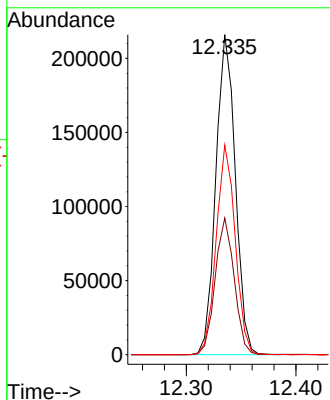
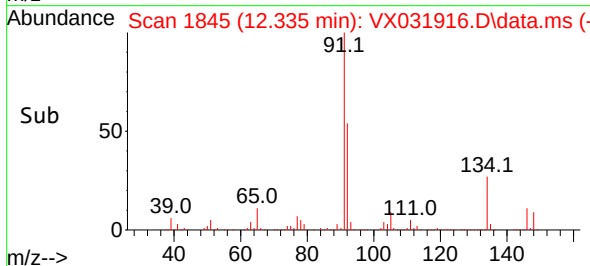
Tgt Ion:146 Resp: 266588
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 64.1 31.6 95.0

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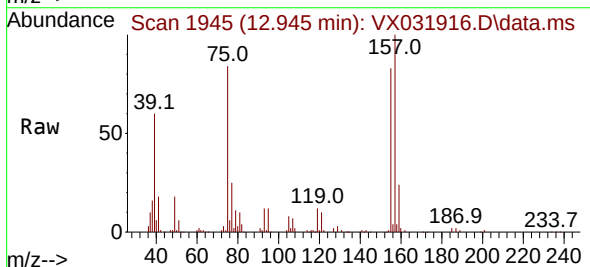
APPROVED

Reviewed By :John Carlone 10/07/2022

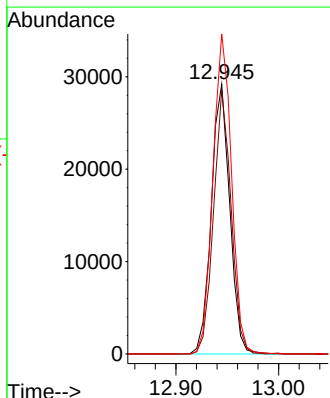
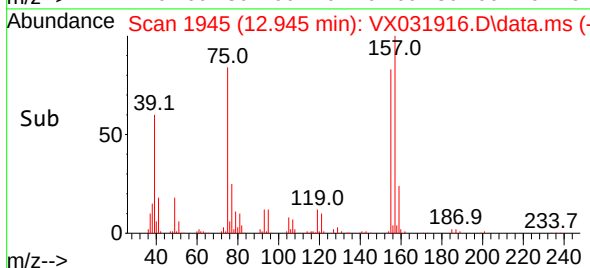
Supervised By :Mahesh Dadoda 10/07/2022

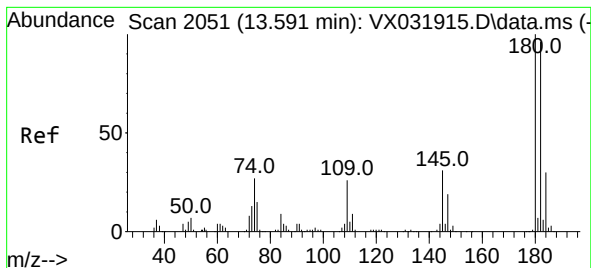


#92
1,2-Dibromo-3-Chloropropane
Concen: 130.267 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX031916.D
Acq: 06 Oct 2022 12:58



Tgt Ion: 75 Resp: 36255
Ion Ratio Lower Upper
75 100
155 93.2 40.3 120.8
157 120.3 51.5 154.5





#93

1,2,4-Trichlorobenzene

Concen: 97.911 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 169530

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.6

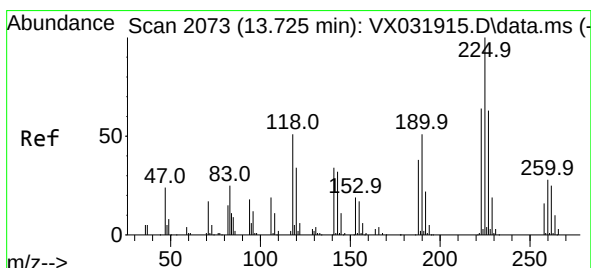
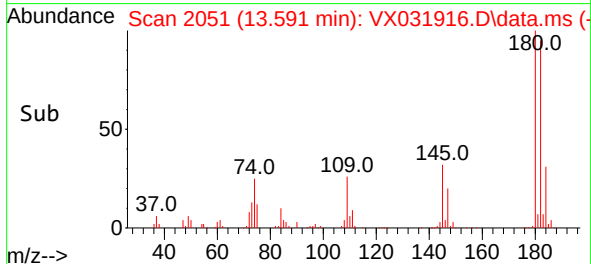
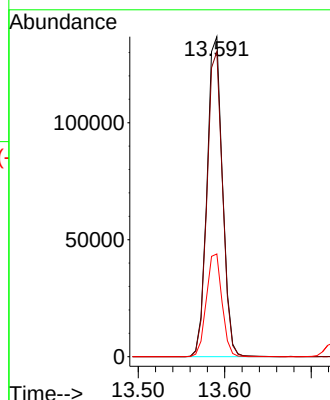
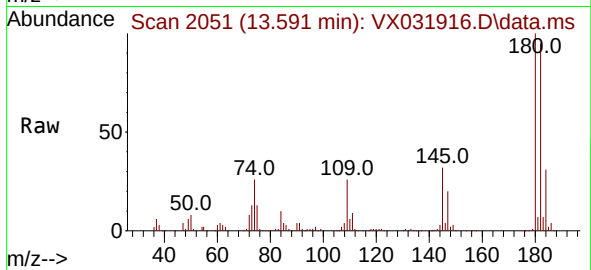
145 32.5 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/07/2022

Supervised By :Mahesh Dadoda 10/07/2022



#94

Hexachlorobutadiene

Concen: 99.050 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

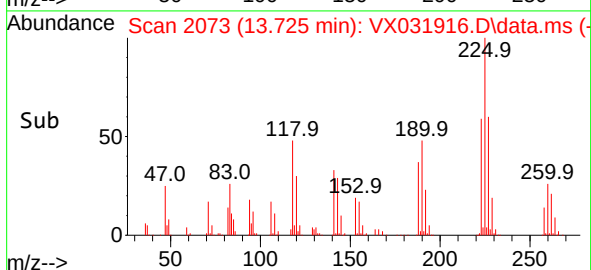
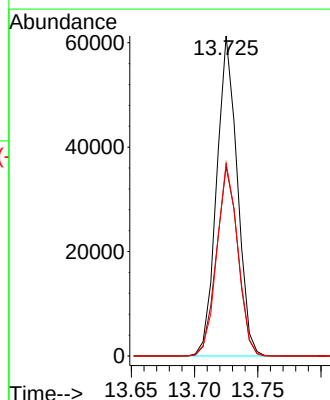
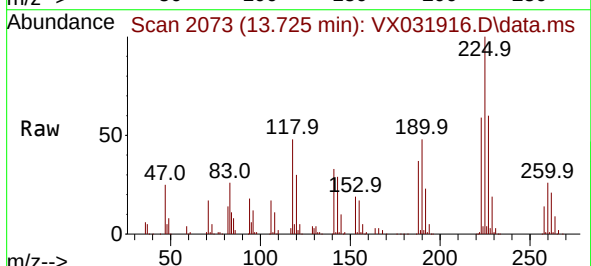
Tgt Ion:225 Resp: 69268

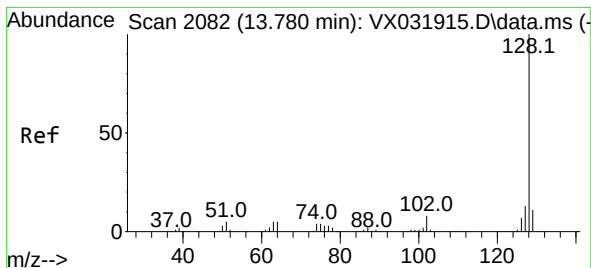
Ion Ratio Lower Upper

225 100

223 61.2 30.8 92.4

227 61.2 32.3 96.9





#95

Naphthalene

Concen: 103.491 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:128 Resp: 576180

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

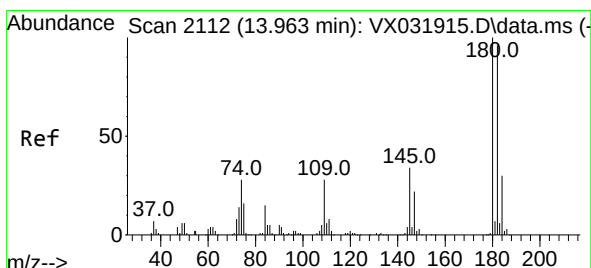
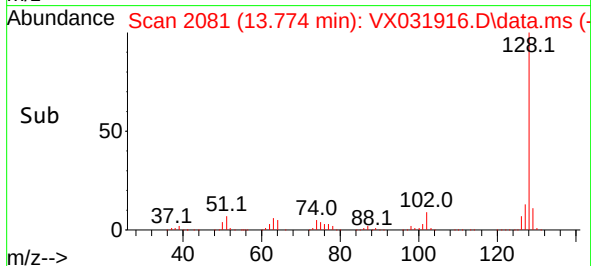
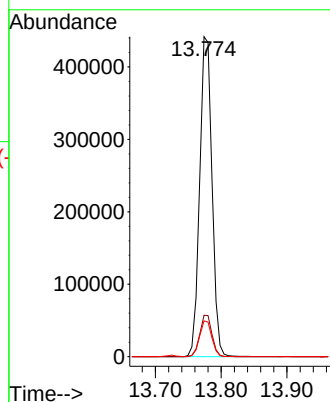
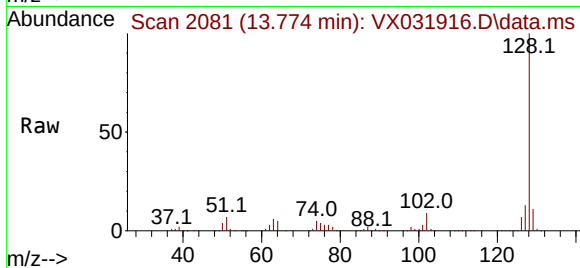
129 11.1 8.8 13.2

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#96

1,2,3-Trichlorobenzene

Concen: 99.301 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031916.D

Acq: 06 Oct 2022 12:58

Tgt Ion:180 Resp: 173094

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 33.3 17.6 52.8

