

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030012.D
 Acq On : 12 Jul 2022 11:56
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 12 13:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:19:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	211917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	12983	4.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	9.680%#		
35) Dibromofluoromethane	5.385	113	12133	5.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.580%#		
50) Toluene-d8	8.653	98	42026	4.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.780%#		
62) 4-Bromofluorobenzene	11.085	95	14280	4.698	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	9098	4.402	ug/l	96
3) Chloromethane	1.288	50	8714	3.660	ug/l	99
4) Vinyl Chloride	1.374	62	10354	4.372	ug/l	98
5) Bromomethane	1.605	94	4611	3.534	ug/l	89
6) Chloroethane	1.678	64	6091	4.401	ug/l	97
7) Trichlorofluoromethane	1.886	101	14531	4.780	ug/l	93
8) Diethyl Ether	2.136	74	6805	4.994	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	9977	4.694	ug/l	94
10) Methyl Iodide	2.453	142	5426	2.106	ug/l	98
11) Tert butyl alcohol	2.977	59	20533	29.268	ug/l #	88
12) 1,1-Dichloroethene	2.319	96	10072	4.615	ug/l	83
13) Acrolein	2.239	56	3929	11.211	ug/l	92
14) Allyl chloride	2.666	41	18185	4.515	ug/l	96
15) Acrylonitrile	3.068	53	37637	22.980	ug/l	96
16) Acetone	2.386	43	29878	22.766	ug/l	96
17) Carbon Disulfide	2.508	76	18643	3.435	ug/l	99
18) Methyl Acetate	2.709	43	20197	4.992	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	34484	4.680	ug/l	98
20) Methylene Chloride	2.794	84	14294	5.157	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	10421	4.353	ug/l	91
22) Diisopropyl ether	3.769	45	35763	4.394	ug/l	87
23) Vinyl Acetate	3.727	43	145767	20.707	ug/l	99
24) 1,1-Dichloroethane	3.611	63	20012	4.662	ug/l	99
25) 2-Butanone	4.562	43	50479	22.161	ug/l	98
26) 2,2-Dichloropropane	4.483	77	14133	5.017	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	13440	4.755	ug/l	96
28) Bromochloromethane	4.903	49	8480	4.929	ug/l	97
29) Tetrahydrofuran	5.013	42	34754	23.185	ug/l	99
30) Chloroform	5.099	83	20747	4.929	ug/l	95
31) Cyclohexane	5.476	56	15543	4.156	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	15934	4.754	ug/l	98
36) 1,1-Dichloropropene	5.702	75	13985	4.588	ug/l	97
37) Ethyl Acetate	4.727	43	19018	4.562	ug/l #	93
38) Carbon Tetrachloride	5.678	117	13798	5.224	ug/l	90
39) Methylcyclohexane	7.385	83	17586	4.771	ug/l	91
40) Benzene	6.043	78	45297	4.595	ug/l	94

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 12 13:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 13:19:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	10324	4.658	ug/l	93
42) 1,2-Dichloroethane	6.086	62	14108	4.663	ug/l	93
43) Isopropyl Acetate	6.348	43	29397	4.682	ug/l	99
44) Trichloroethene	7.129	130	13909	5.240	ug/l	94
45) 1,2-Dichloropropane	7.433	63	12250	4.704	ug/l	96
46) Dibromomethane	7.580	93	8387	4.924	ug/l	95
47) Bromodichloromethane	7.824	83	15412	5.048	ug/l	98
48) Methyl methacrylate	7.702	41	13060	4.387	ug/l	95
49) 1,4-Dioxane	7.683	88	6927	98.273	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	98028	23.679	ug/l	99
52) Toluene	8.720	92	29747	5.001	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	15946	4.901	ug/l	92
54) cis-1,3-Dichloropropene	8.366	75	17741	4.825	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	12784	4.933	ug/l	95
56) Ethyl methacrylate	9.122	69	18290	4.477	ug/l	99
57) 1,3-Dichloropropane	9.311	76	20382	4.889	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	39170	20.091	ug/l	99
59) 2-Hexanone	9.433	43	74363	23.146	ug/l	100
60) Dibromochloromethane	9.525	129	12861	5.617	ug/l	94
61) 1,2-Dibromoethane	9.610	107	13109	4.950	ug/l	93
64) Tetrachloroethene	9.275	164	13092	6.800	ug/l	92
65) Chlorobenzene	10.079	112	32038	5.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	11158	5.212	ug/l	98
67) Ethyl Benzene	10.195	91	53983	4.843	ug/l	100
68) m/p-Xylenes	10.305	106	42042	9.835	ug/l	97
69) o-Xylene	10.646	106	21437	4.951	ug/l	99
70) Styrene	10.658	104	35214	4.920	ug/l	97
71) Bromoform	10.799	173	8958	5.866	ug/l #	98
73) Isopropylbenzene	10.963	105	52533	4.944	ug/l	97
74) N-amyl acetate	10.841	43	21771	4.138	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	19236	4.599	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	18044m	5.133	ug/l	
77) Bromobenzene	11.201	156	13343	5.221	ug/l	95
78) n-propylbenzene	11.305	91	60079	4.794	ug/l	99
79) 2-Chlorotoluene	11.366	91	37838	5.079	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	44553	5.051	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	5449	4.923	ug/l	89
82) 4-Chlorotoluene	11.457	91	41700	4.913	ug/l	96
83) tert-Butylbenzene	11.719	119	43562	4.983	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	42740	4.837	ug/l	99
85) sec-Butylbenzene	11.890	105	54521	4.949	ug/l	99
86) p-Isopropyltoluene	12.012	119	43422	4.939	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	23878	4.866	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	24860	4.965	ug/l	94
89) n-Butylbenzene	12.335	91	38739	4.687	ug/l	99
90) Hexachloroethane	12.536	117	7713	5.378	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	25537	5.298	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4212	4.819	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	14140	4.840	ug/l	98
94) Hexachlorobutadiene	13.731	225	5821	5.387	ug/l	98
95) Naphthalene	13.780	128	58441	4.927	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15588	5.212	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

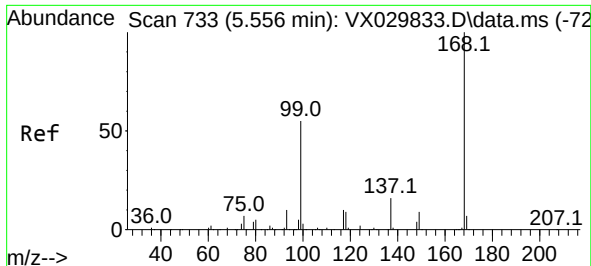
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 13:19:22 2022
Response via : Initial Calibration

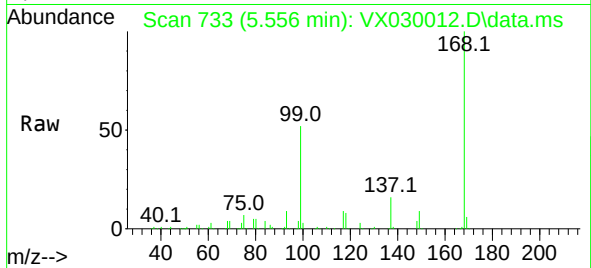
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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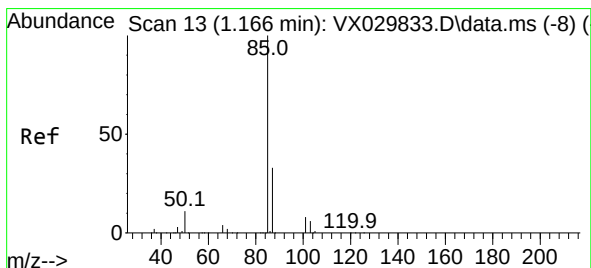
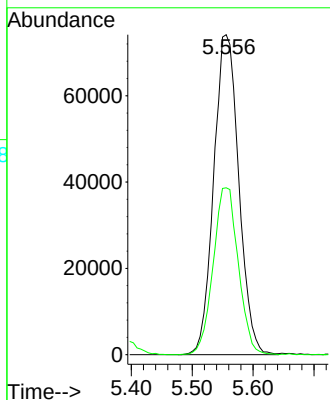
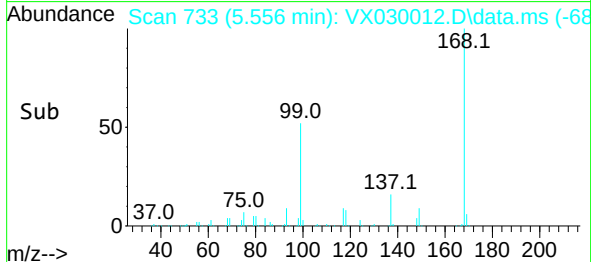
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 168 Resp: 21191
Ion Ratio Lower Upper
168 100
99 52.2 44.0 66.0

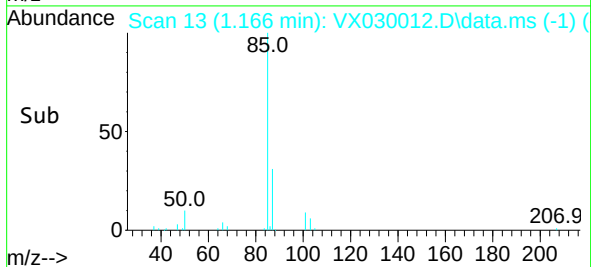
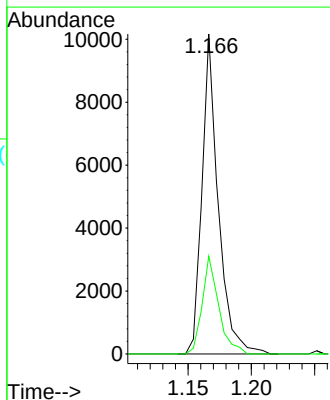
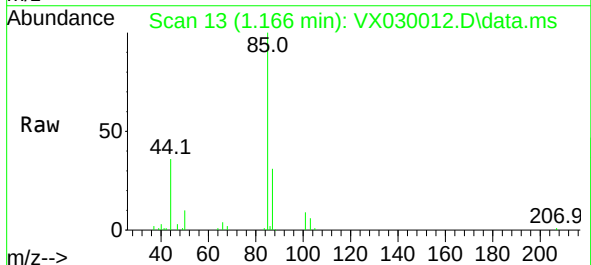
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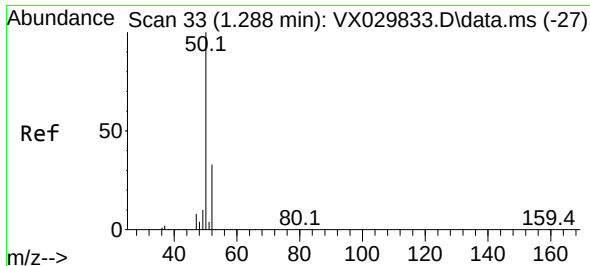
Reviewed By : John Carlone 07/13/2022
Supervised By : Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 4.402 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

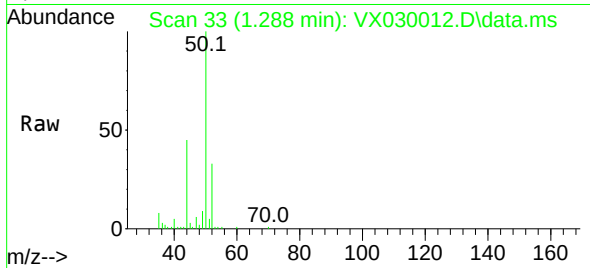
Tgt Ion: 85 Resp: 9098
Ion Ratio Lower Upper
85 100
87 30.5 16.5 49.5





#3
Chloromethane
Concen: 3.660 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

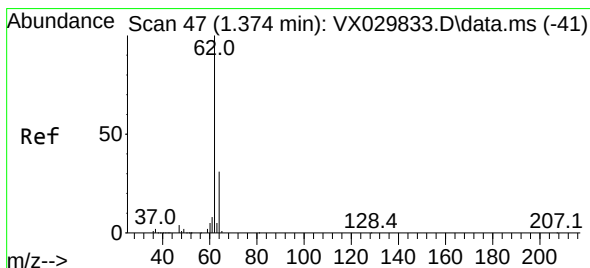
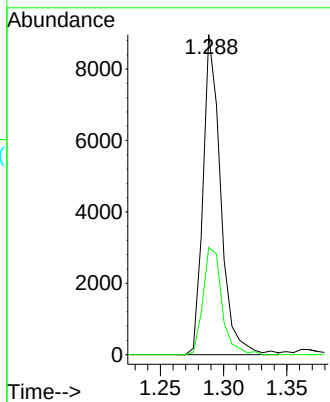
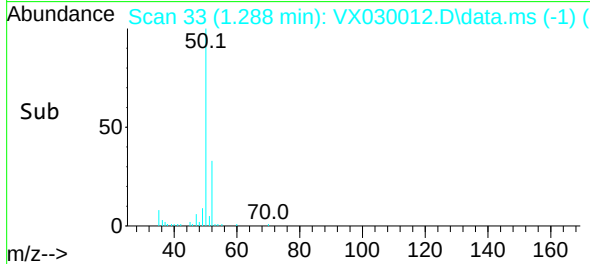
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 8714
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

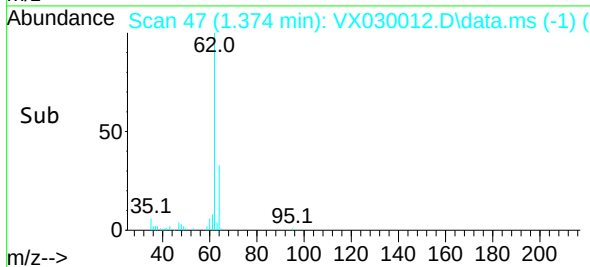
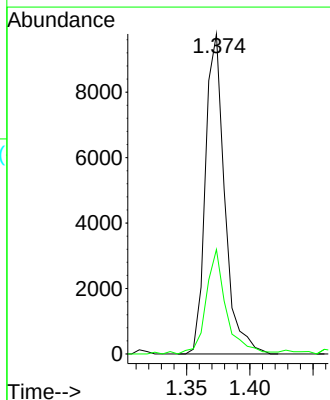
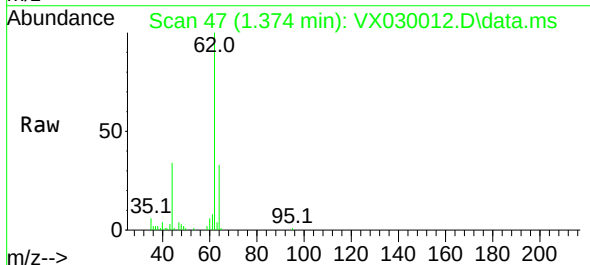
Manual Integrations
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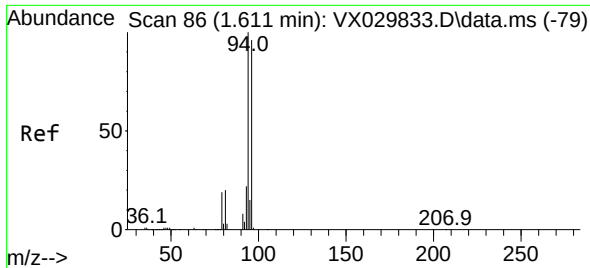
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#4
Vinyl Chloride
Concen: 4.372 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 62 Resp: 10354
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





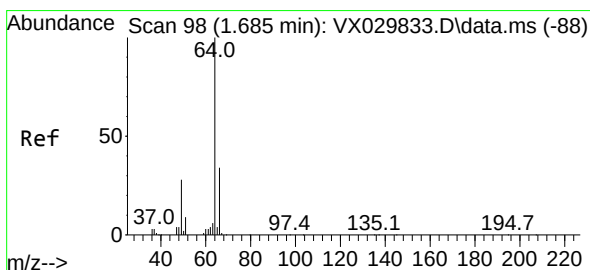
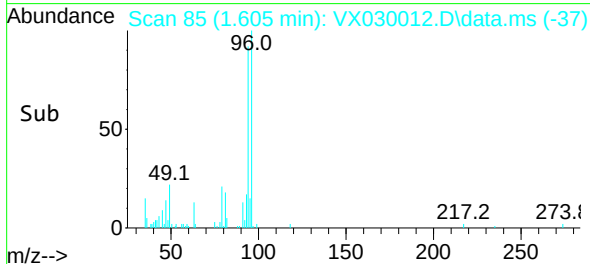
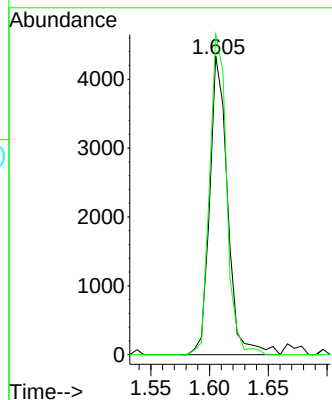
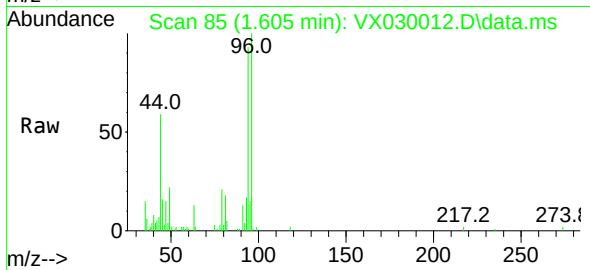
#5
Bromomethane
Concen: 3.534 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 461
Ion Ratio Lower Upper
94 100
96 107.1 76.9 115.3

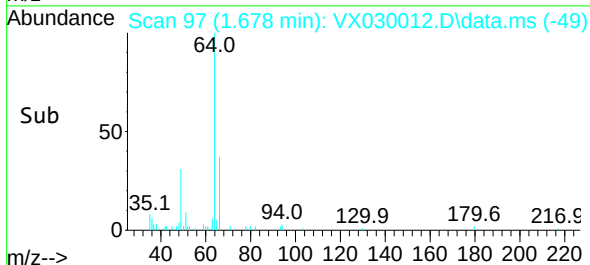
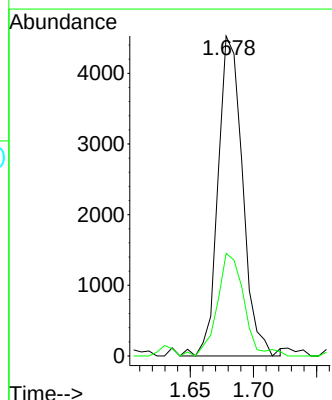
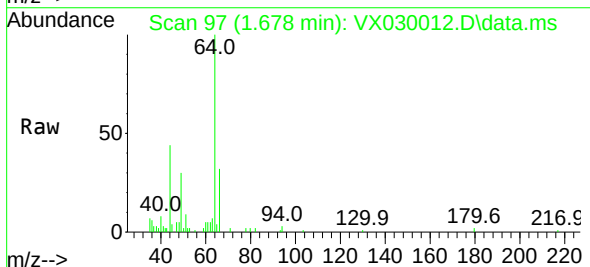
Manual Integrations
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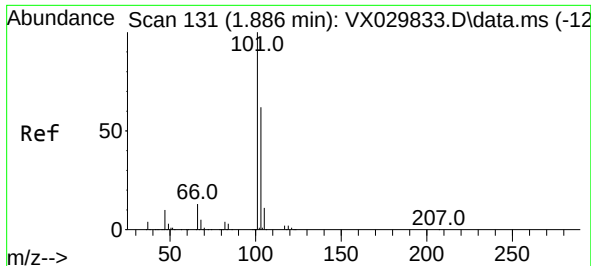
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#6
Chloroethane
Concen: 4.401 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 64 Resp: 6091
Ion Ratio Lower Upper
64 100
66 32.1 27.2 40.8





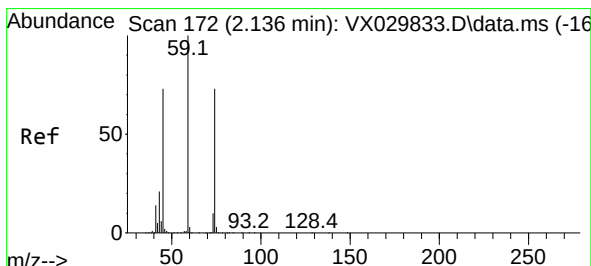
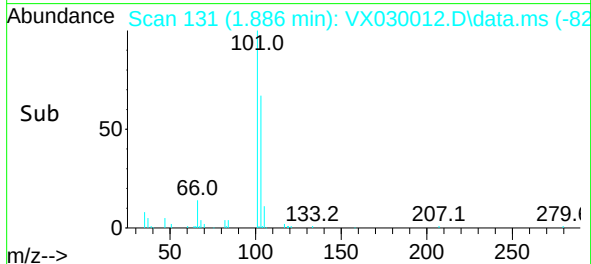
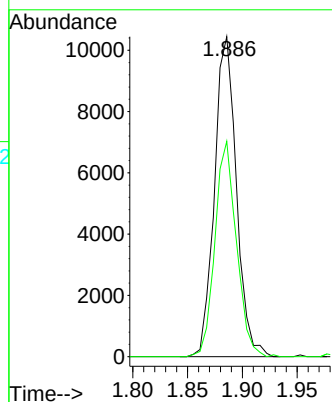
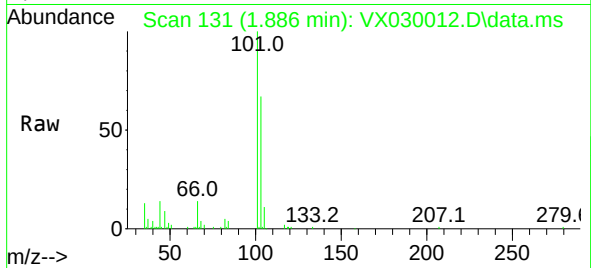
#7
Trichlorofluoromethane
Concen: 4.780 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
103 67.3 49.7 74.5

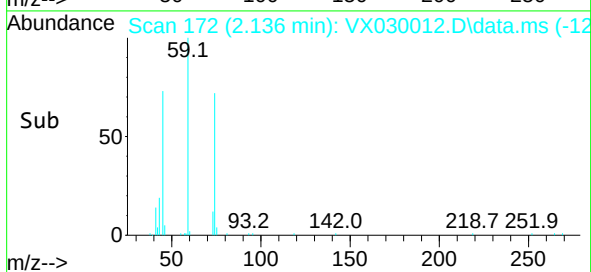
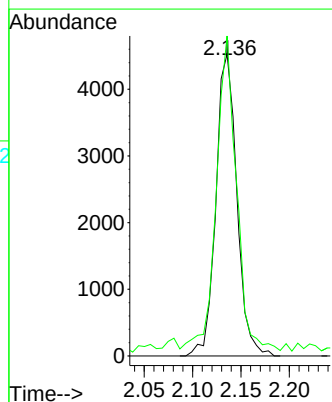
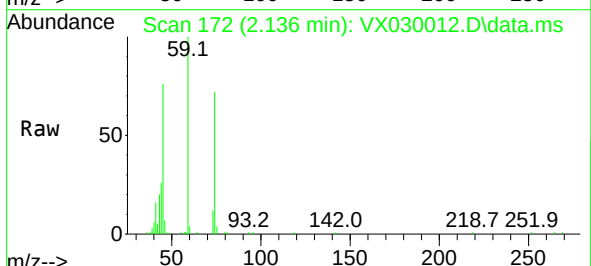
Manual Integrations
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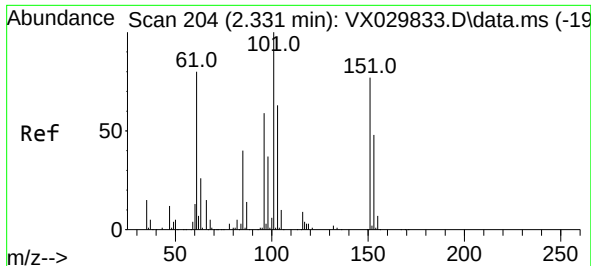
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#8
Diethyl Ether
Concen: 4.994 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX030012.D
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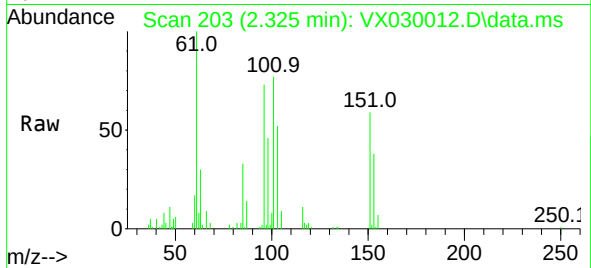
Tgt Ion: 74 Resp: 6805
Ion Ratio Lower Upper
74 100
45 100.2 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.694 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030012.D
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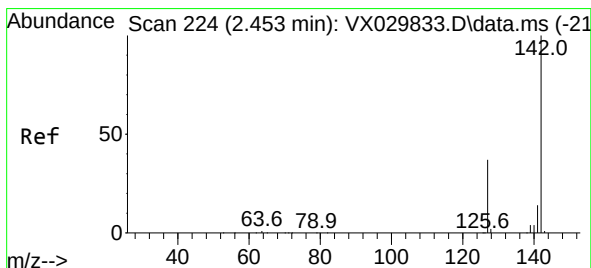
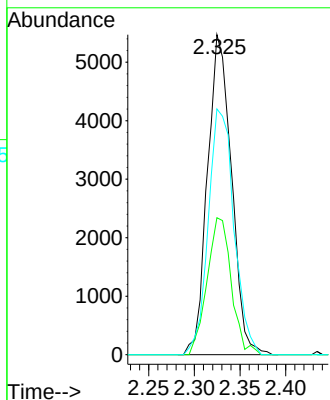
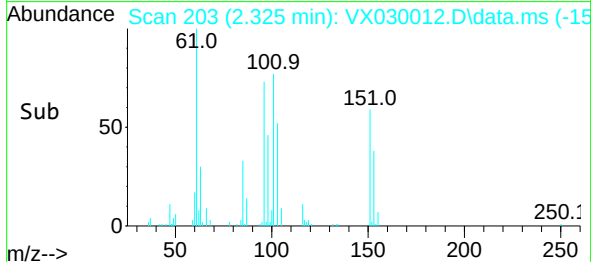
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



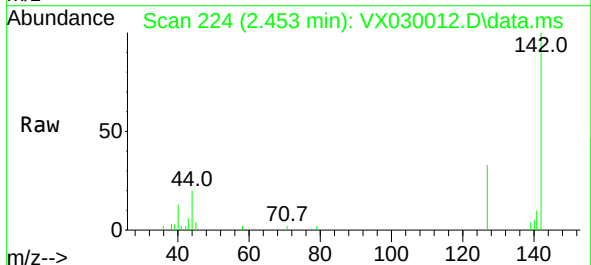
Tgt Ion:101 Resp: 997
Ion Ratio Lower Upper
101 100
85 43.2 34.0 51.0
151 82.2 59.4 89.0

Manual Integrations
APPROVED

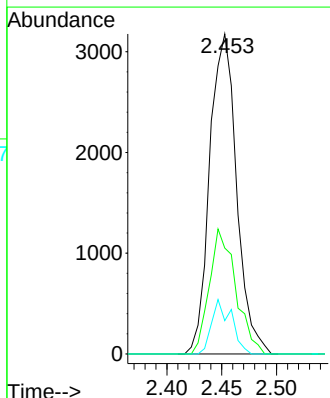
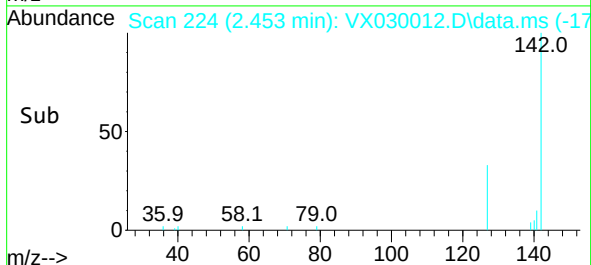
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

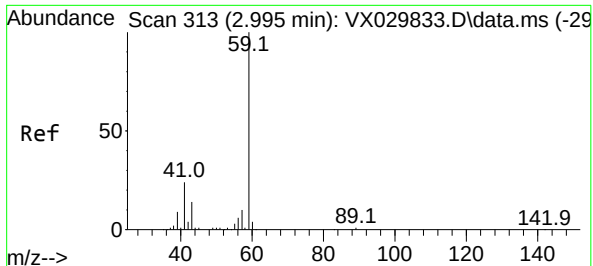


#10
Methyl Iodide
Concen: 2.106 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion:142 Resp: 5426
Ion Ratio Lower Upper
142 100
127 38.4 30.2 45.2
141 12.5 11.3 16.9





#11

Tert butyl alcohol

Concen: 29.268 ug/l

RT: 2.977 min Scan# 313

Delta R.T. -0.018 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 2053

Ion Ratio Lower Upper

59 100

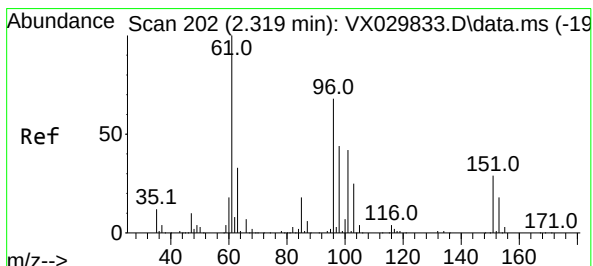
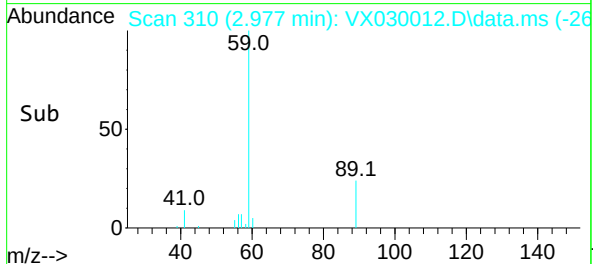
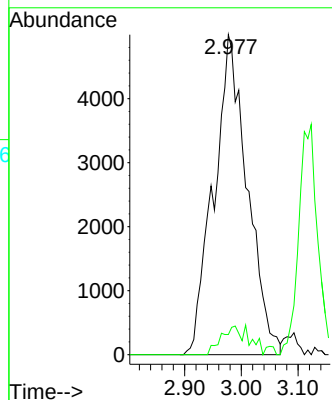
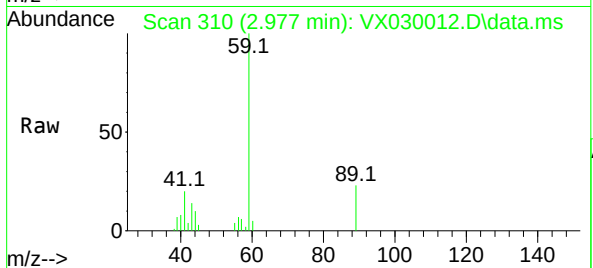
57 5.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 4.615 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

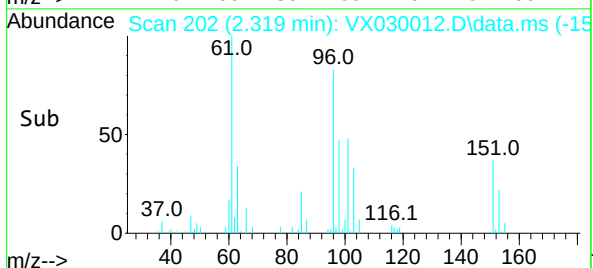
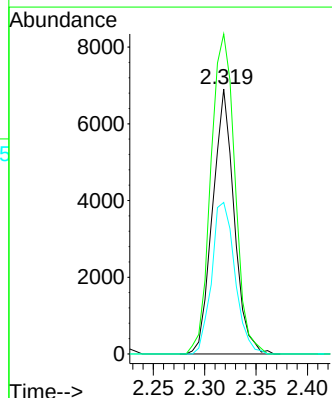
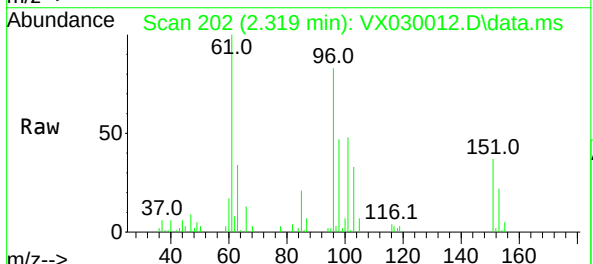
Tgt Ion: 96 Resp: 10072

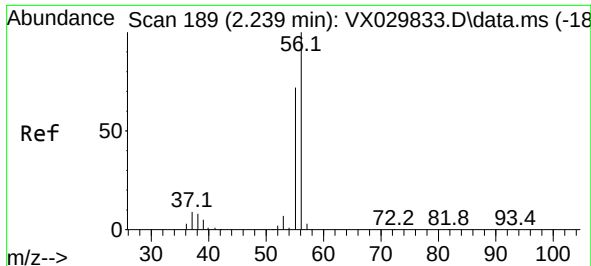
Ion Ratio Lower Upper

96 100

61 120.8 117.4 176.0

98 57.2 52.2 78.4





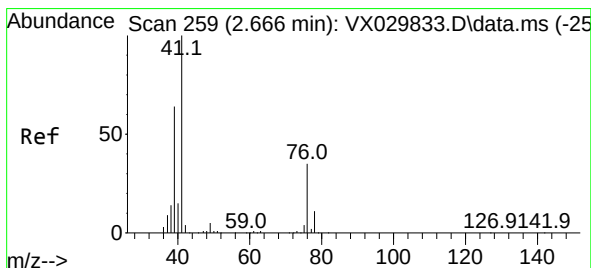
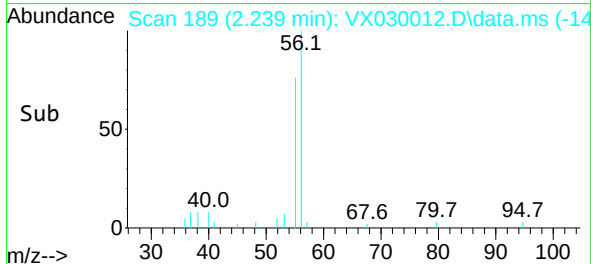
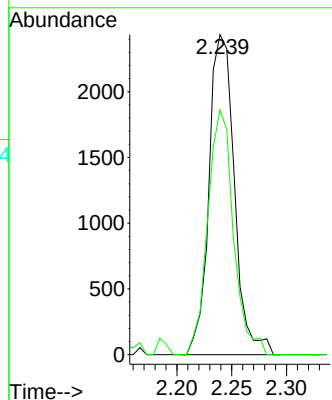
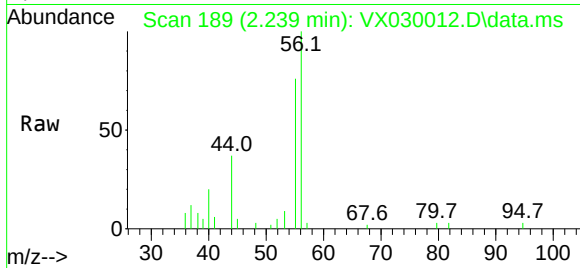
#13
Acrolein
Concen: 11.211 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 3929
Ion Ratio Lower Upper
56 100
55 77.4 56.6 84.8

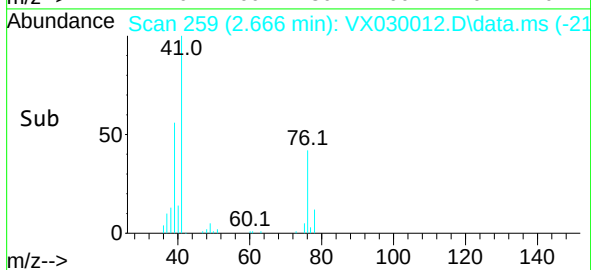
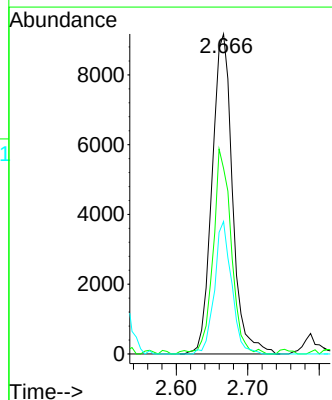
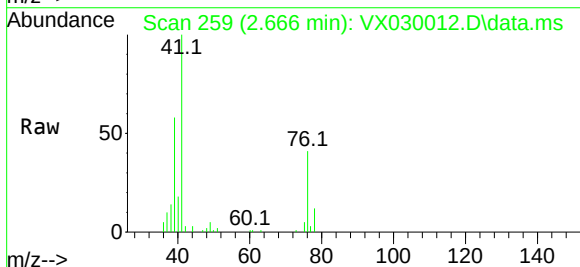
Manual Integrations
APPROVED

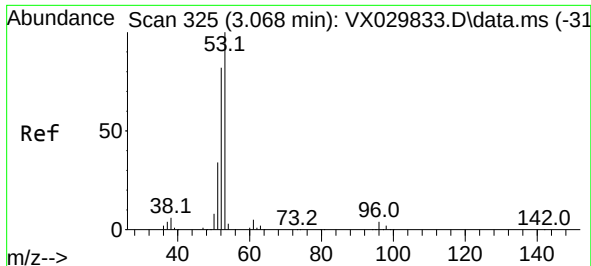
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 4.515 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

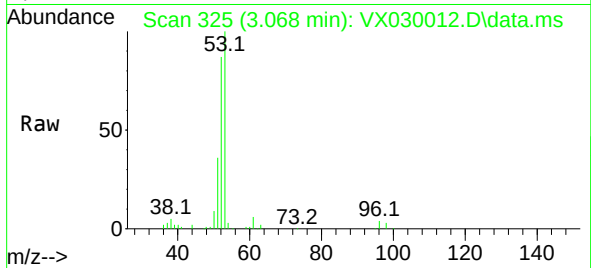
Tgt Ion: 41 Resp: 18185
Ion Ratio Lower Upper
41 100
39 57.0 48.9 73.3
76 34.8 26.9 40.3





#15
Acrylonitrile
Concen: 22.980 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

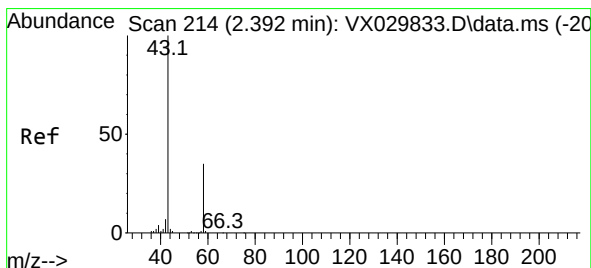
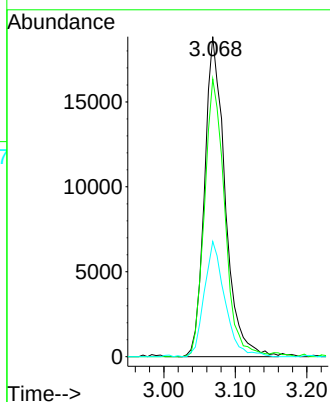
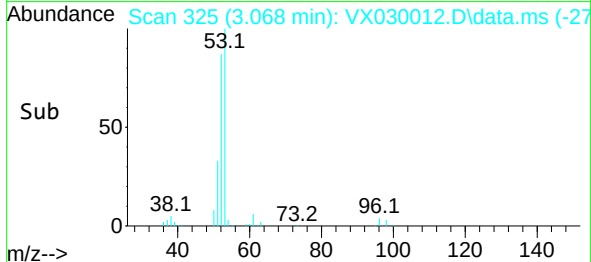
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



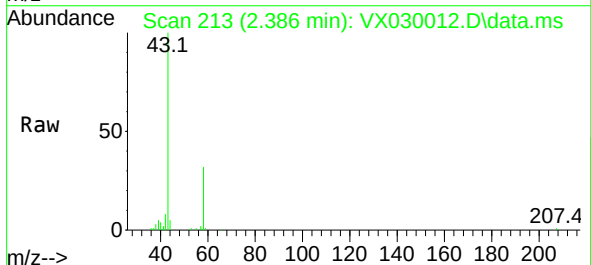
Tgt Ion: 53 Resp: 3763
Ion Ratio Lower Upper
53 100
52 85.5 65.4 98.0
51 36.1 27.7 41.5

Manual Integrations
APPROVED

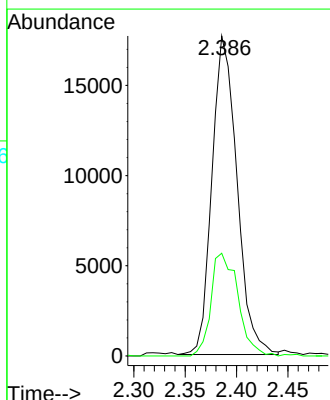
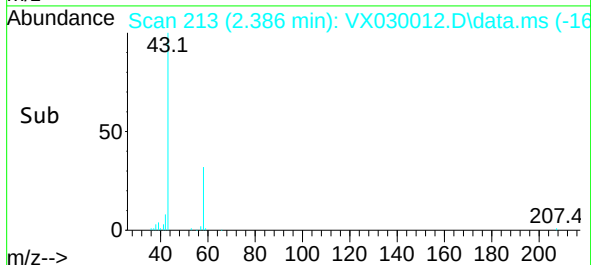
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

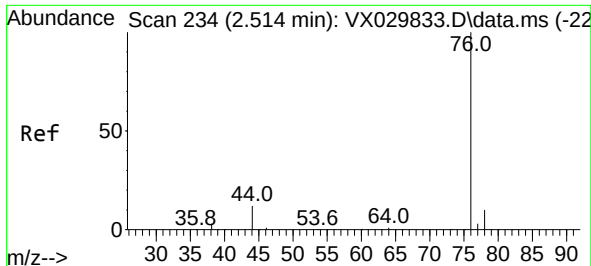


#16
Acetone
Concen: 22.766 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



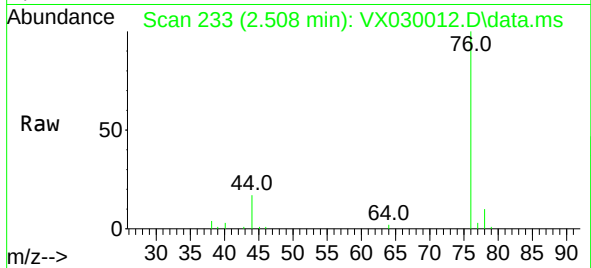
Tgt Ion: 43 Resp: 29878
Ion Ratio Lower Upper
43 100
58 32.3 27.7 41.5





#17
Carbon Disulfide
Concen: 3.435 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

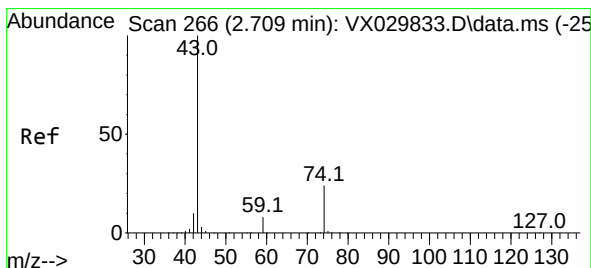
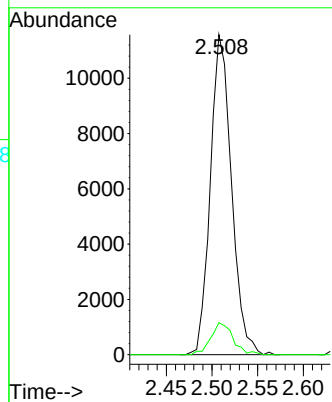
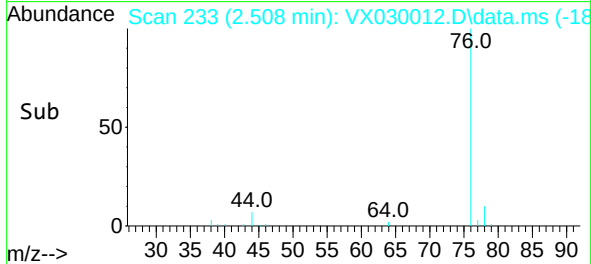
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 76 Resp: 1864
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.6

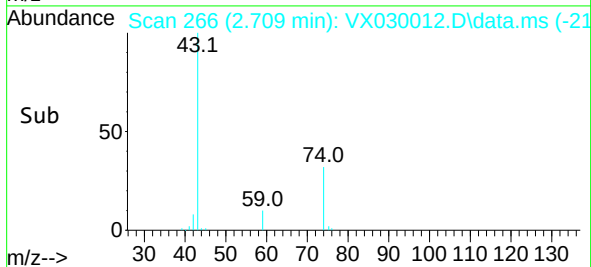
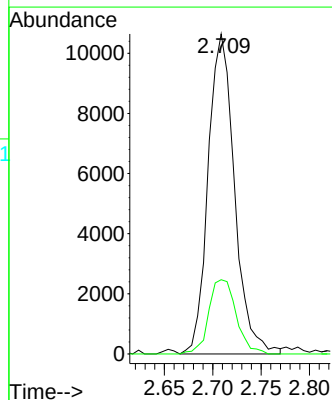
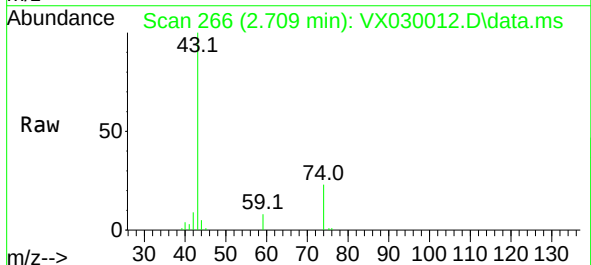
Manual Integrations
APPROVED

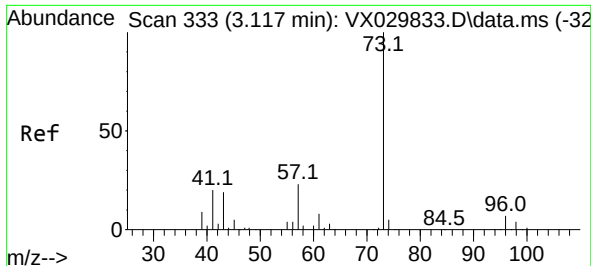
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 4.992 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 43 Resp: 20197
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.2





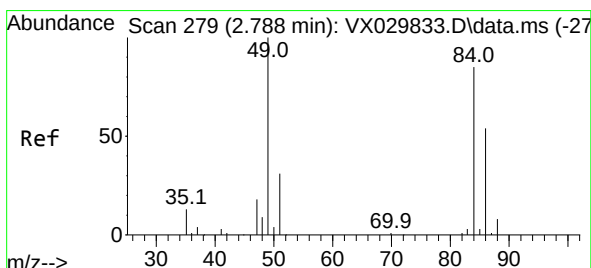
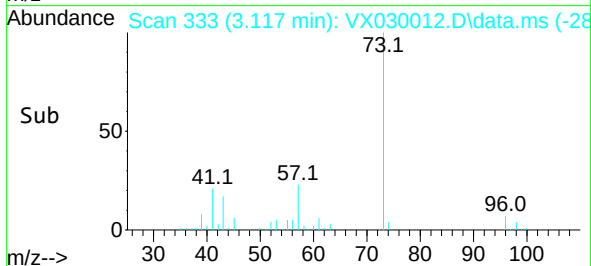
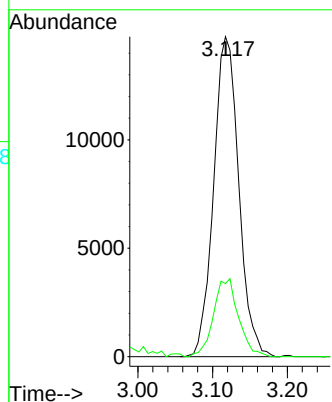
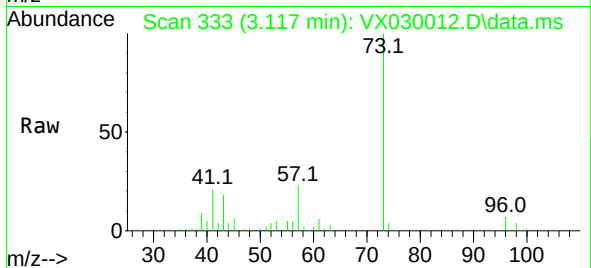
#19
Methyl tert-butyl Ether
Concen: 4.680 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 34484
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.6

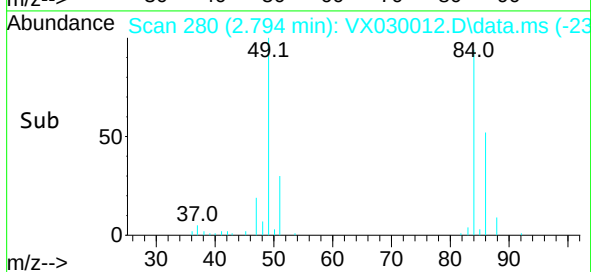
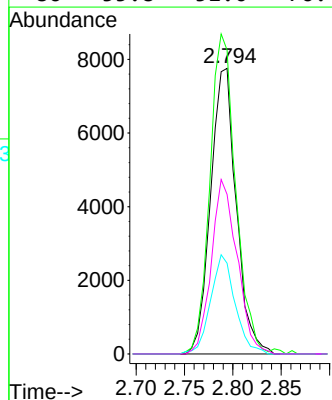
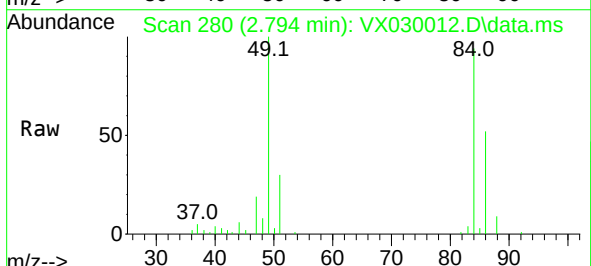
Manual Integrations
APPROVED

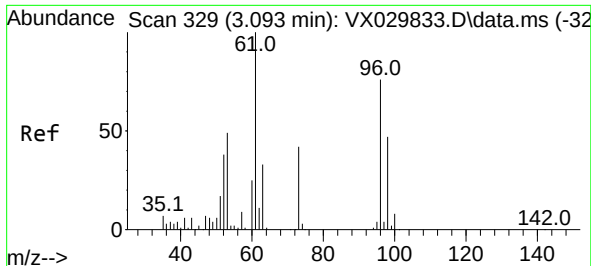
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 5.157 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

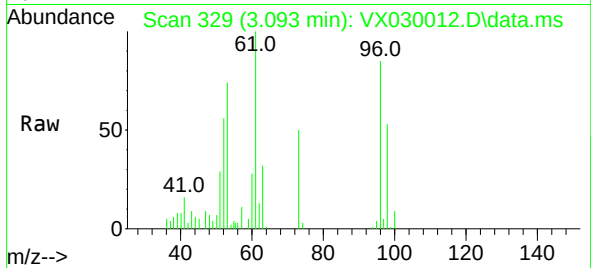
Tgt Ion: 84 Resp: 14294
Ion Ratio Lower Upper
84 100
49 106.4 93.8 140.6
51 31.7 29.4 44.0
86 55.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 4.353 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

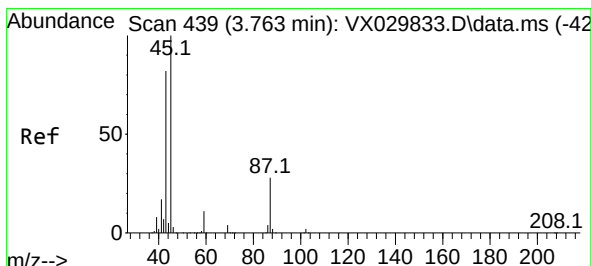
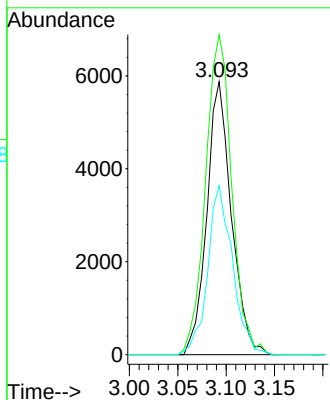
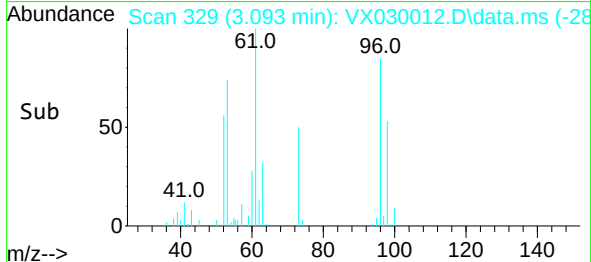
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



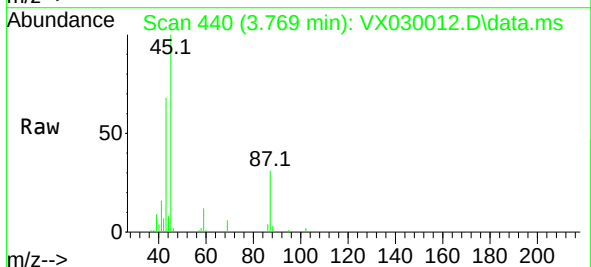
Tgt Ion: 96 Resp: 1042
Ion Ratio Lower Upper
96 100
61 117.2 105.6 158.4
98 61.9 50.1 75.1

Manual Integrations
APPROVED

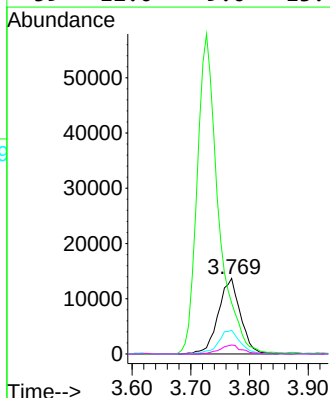
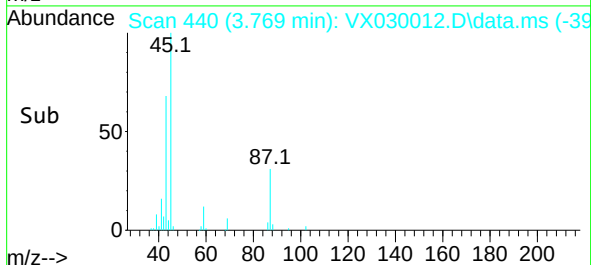
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

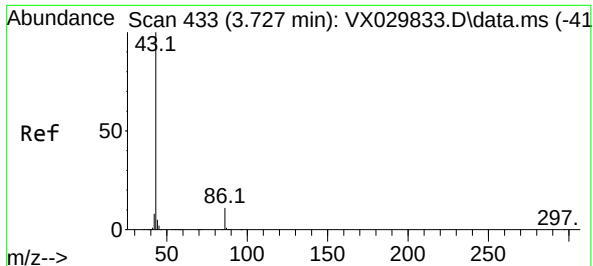


#22
Diisopropyl ether
Concen: 4.394 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion: 45 Resp: 35763
Ion Ratio Lower Upper
45 100
43 66.7 65.4 98.0
87 31.5 22.3 33.5
59 12.0 9.0 13.4





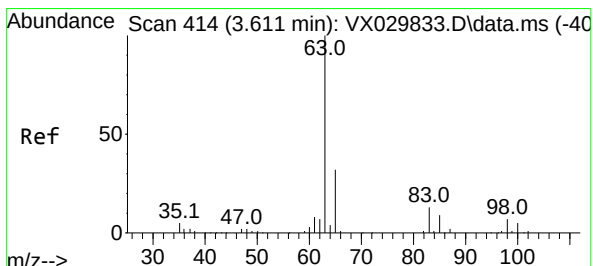
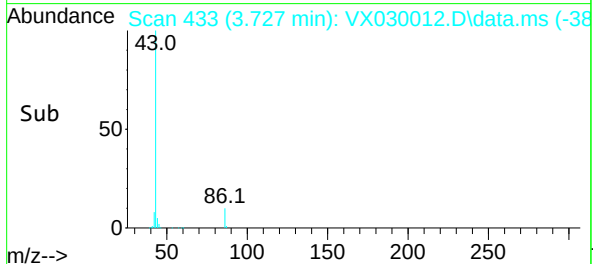
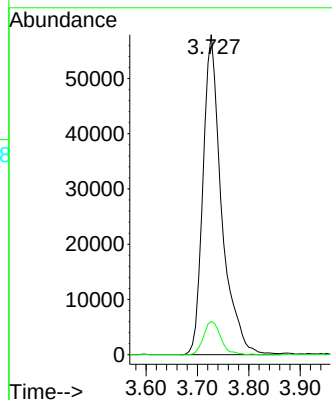
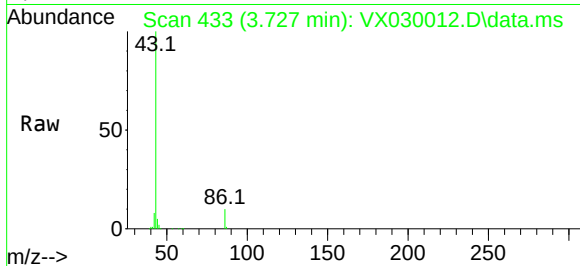
#23
 Vinyl Acetate
 Concen: 20.707 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030012.D
 Acq: 12 Jul 2022 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 14576
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7

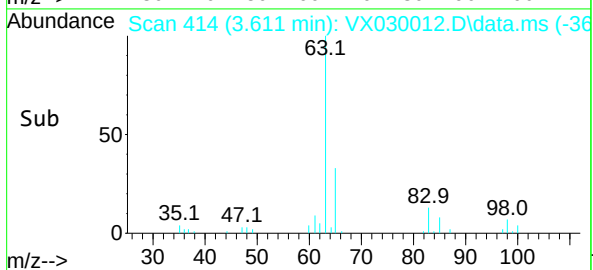
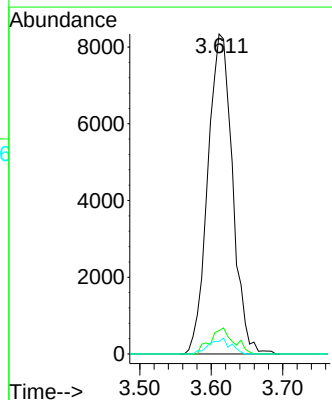
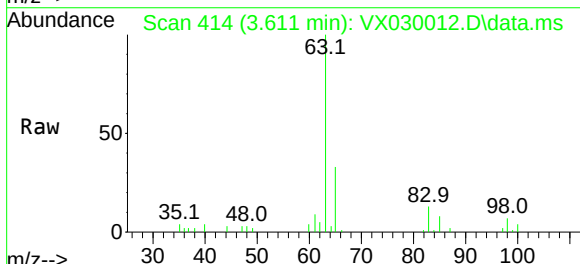
Manual Integrations
 APPROVED

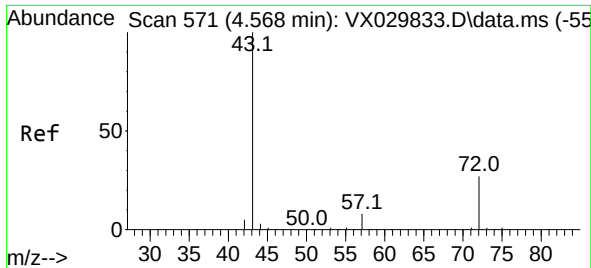
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#24
 1,1-Dichloroethane
 Concen: 4.662 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030012.D
 Acq: 12 Jul 2022 11:56

Tgt Ion: 63 Resp: 20012
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.0 2.3 6.9





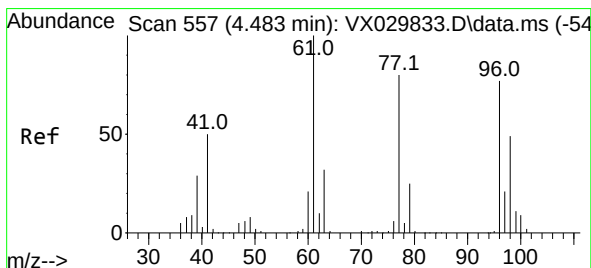
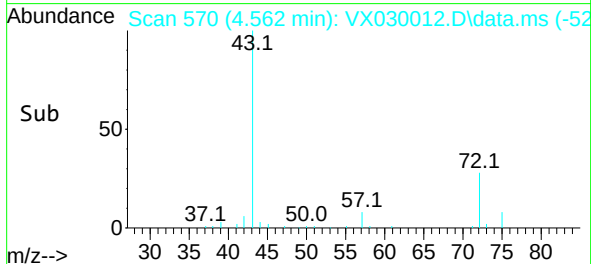
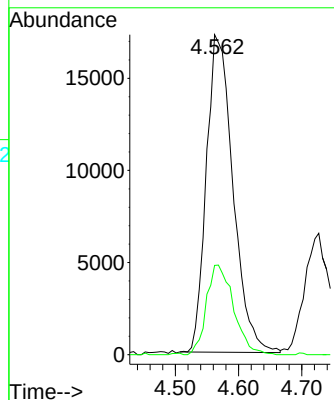
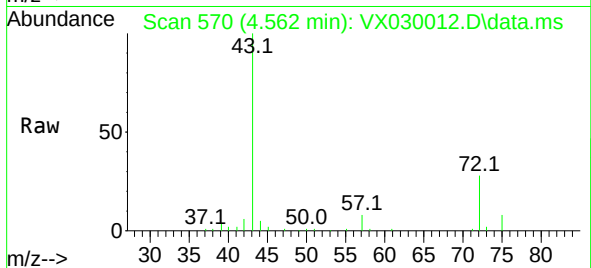
#25
2-Butanone
Concen: 22.161 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 50479
Ion Ratio Lower Upper
43 100
72 28.1 21.7 32.5

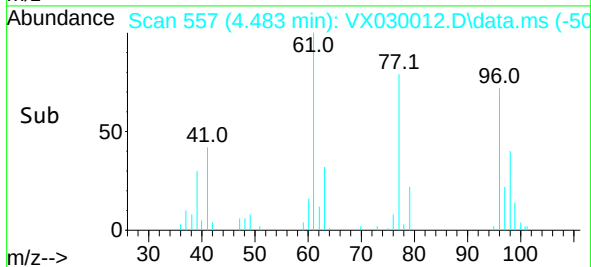
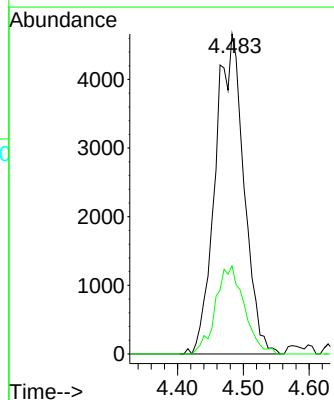
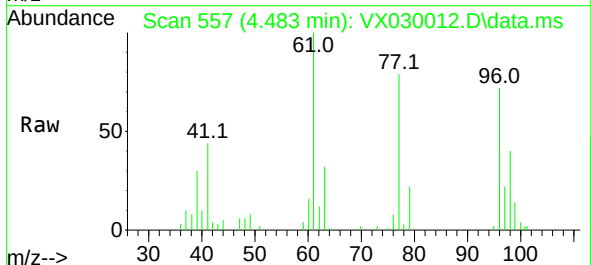
Manual Integrations
APPROVED

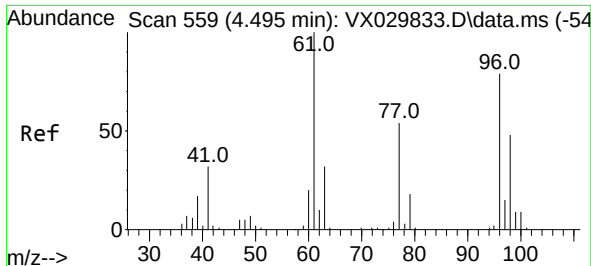
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 5.017 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 77 Resp: 14133
Ion Ratio Lower Upper
77 100
97 27.4 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 4.755 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 13440

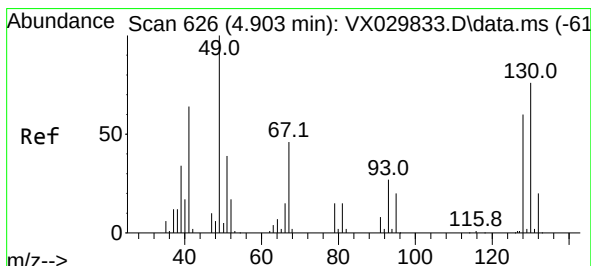
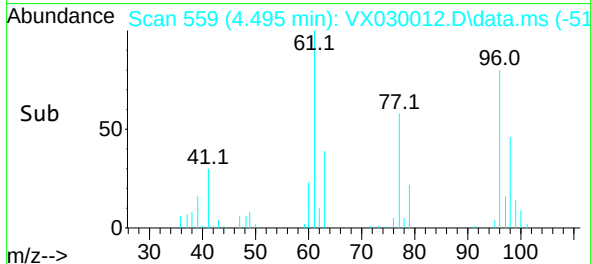
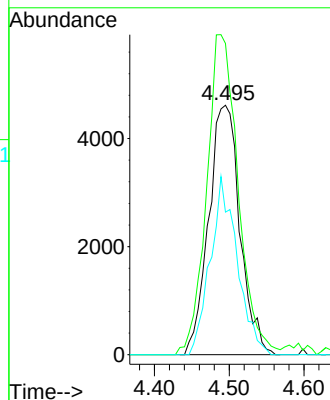
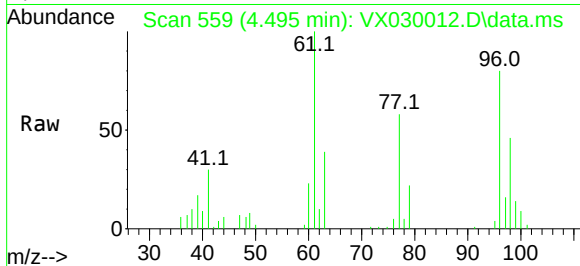
Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	270.0
98	61.4	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#28

Bromochloromethane

Concen: 4.929 ug/l

RT: 4.903 min Scan# 626

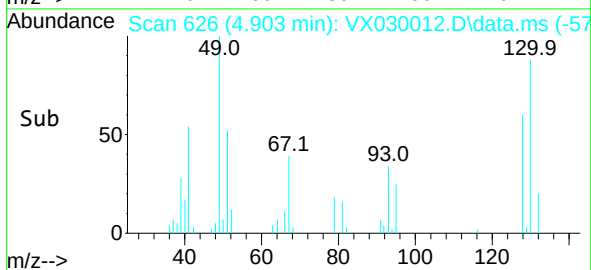
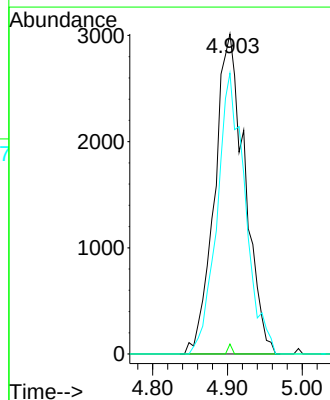
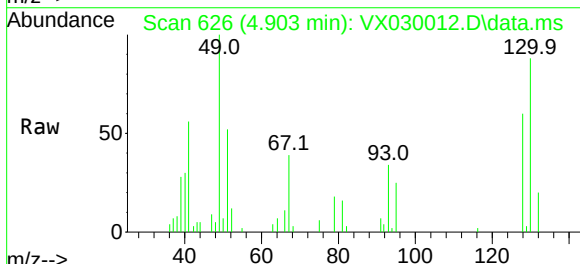
Delta R.T. -0.000 min

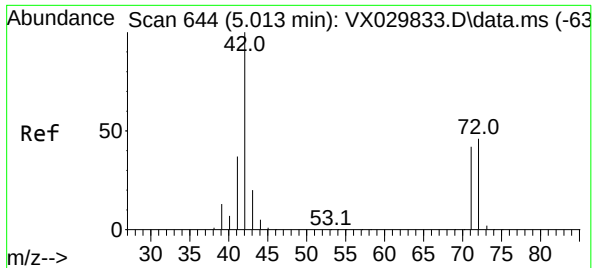
Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion: 49 Resp: 8480

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.4
130	81.3	62.8	94.2





#29

Tetrahydrofuran

Concen: 23.185 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 34754

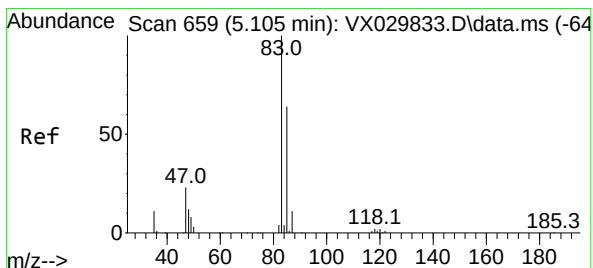
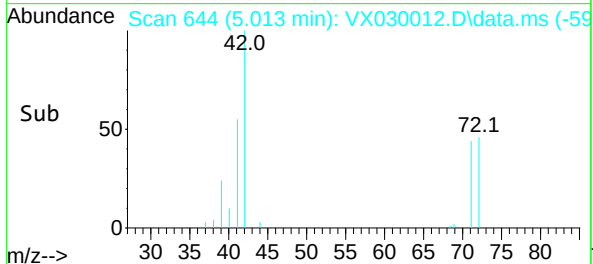
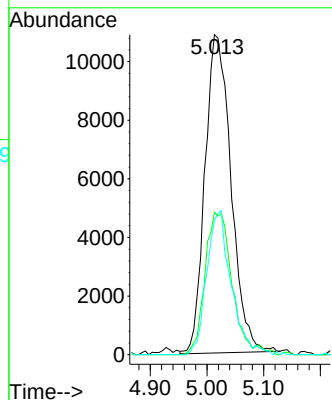
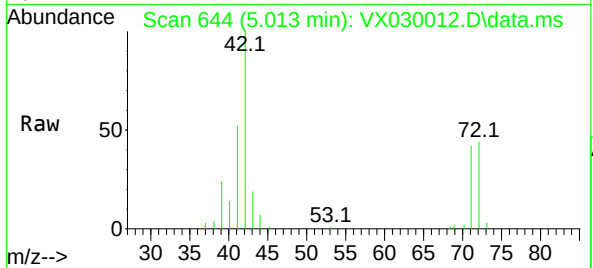
Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.5	54.7
71	42.4	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 4.929 ug/l

RT: 5.099 min Scan# 658

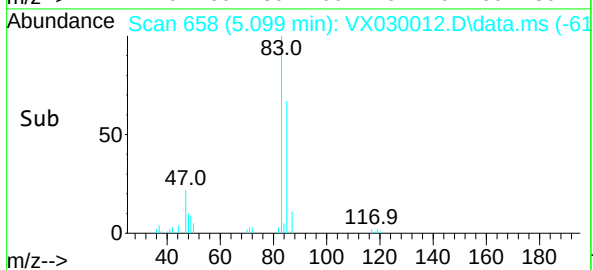
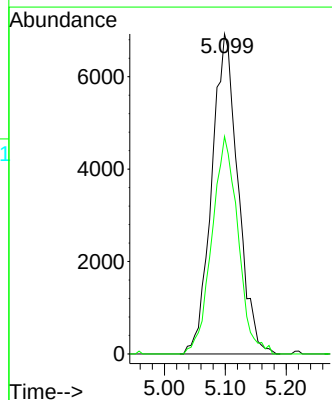
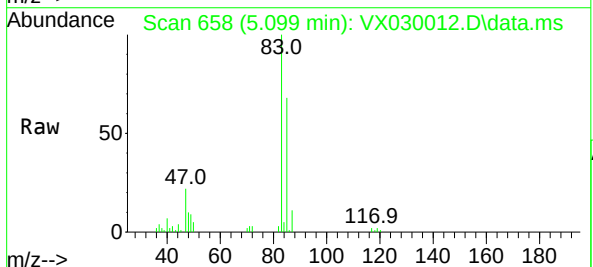
Delta R.T. -0.006 min

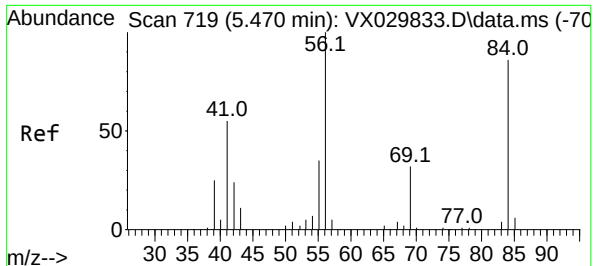
Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion: 83 Resp: 20747

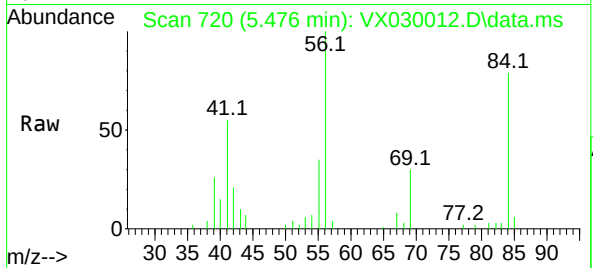
Ion	Ratio	Lower	Upper
83	100		
85	67.9	51.5	77.3





#31
Cyclohexane
Concen: 4.156 ug/l
RT: 5.476 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

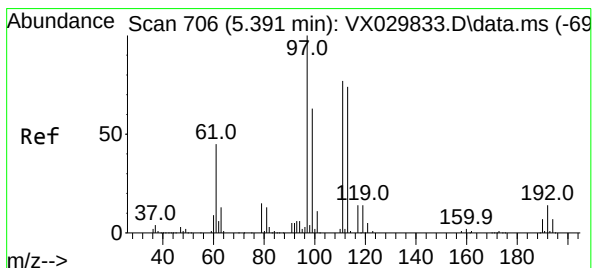
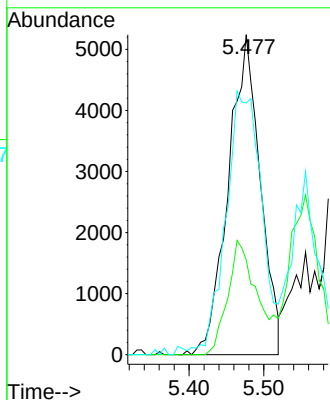
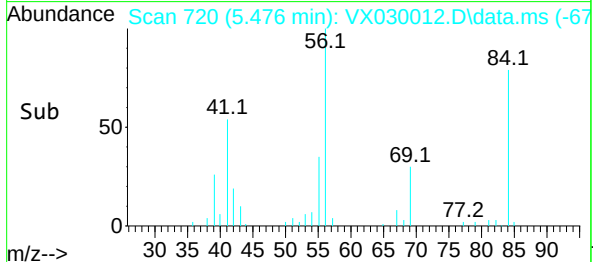
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



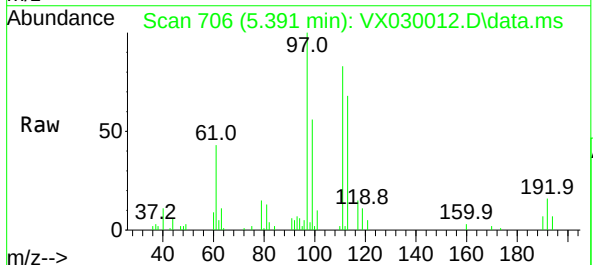
Tgt Ion: 56 Resp: 1554
Ion Ratio Lower Upper
56 100
69 29.7 25.4 38.0
84 76.0 68.9 103.3

Manual Integrations
APPROVED

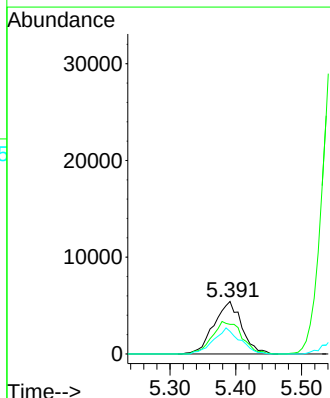
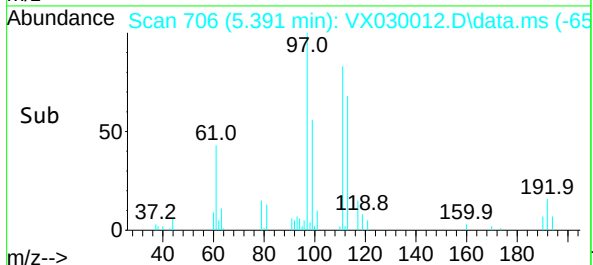
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

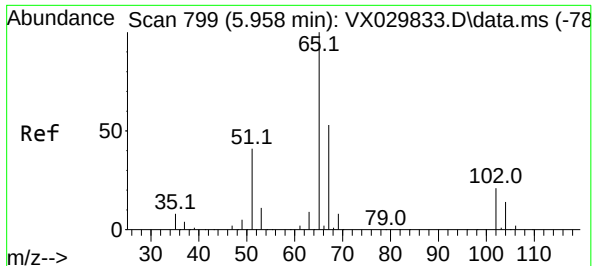


#32
1,1,1-Trichloroethane
Concen: 4.754 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion: 97 Resp: 15934
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.0
61 46.4 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 4.840 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1298

Ion Ratio Lower Upper

65 100

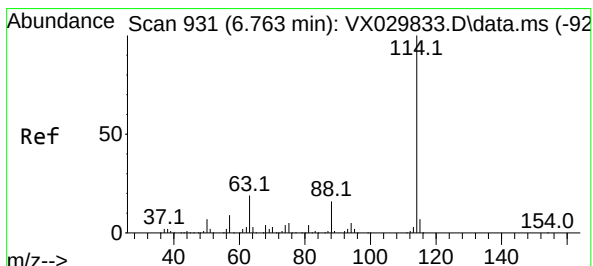
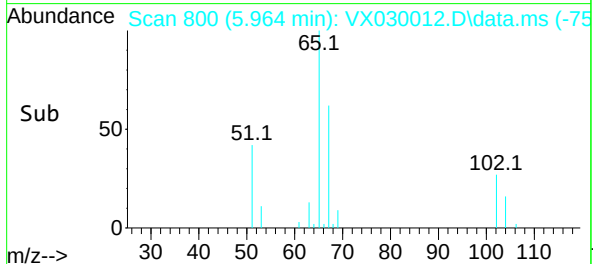
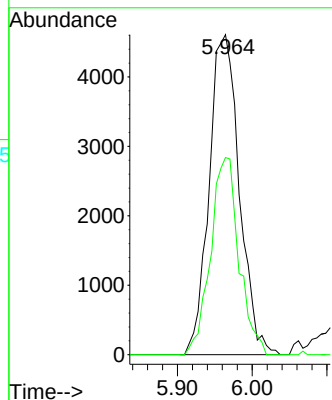
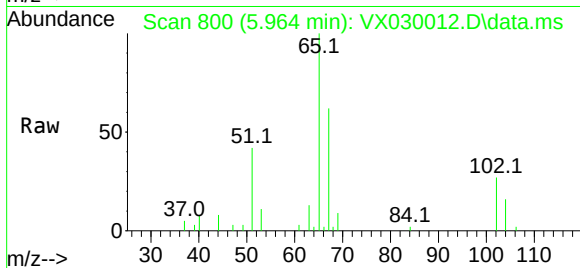
67 57.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

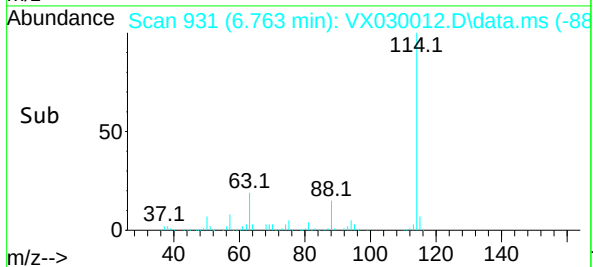
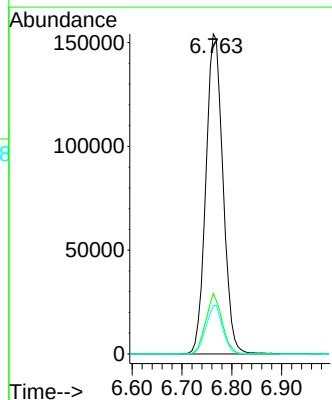
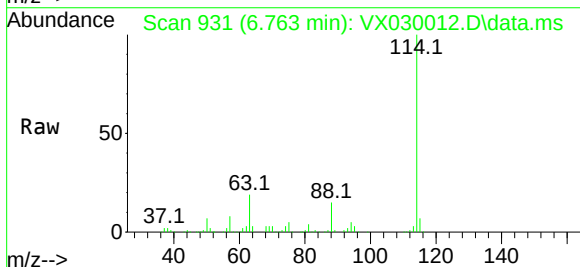
Tgt Ion:114 Resp: 366751

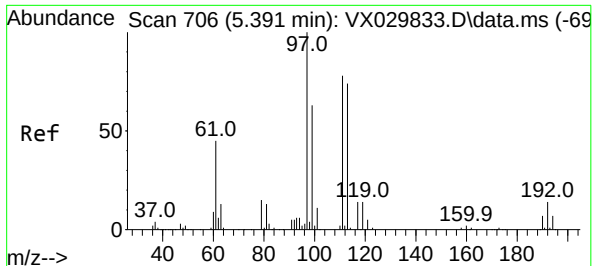
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 5.294 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:113 Resp: 1213

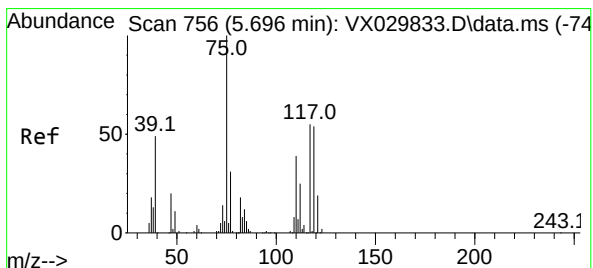
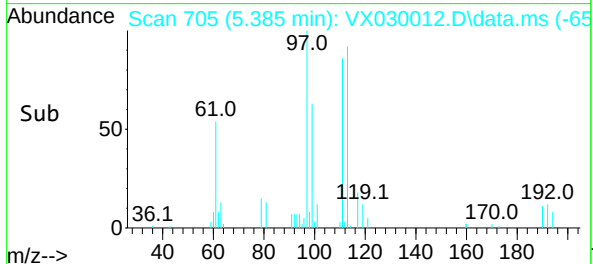
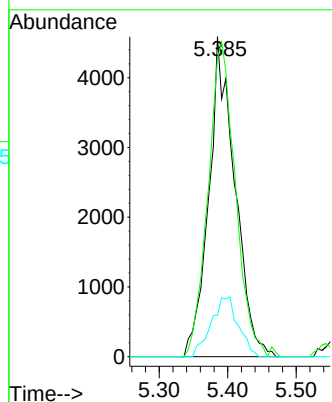
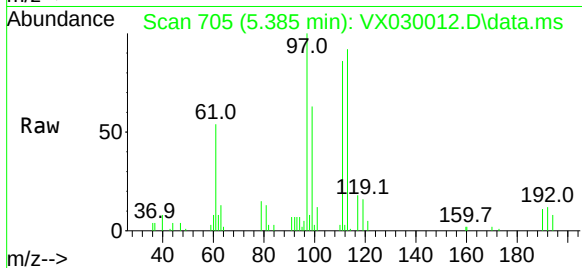
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.2	124.8
192	19.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 4.588 ug/l

RT: 5.702 min Scan# 757

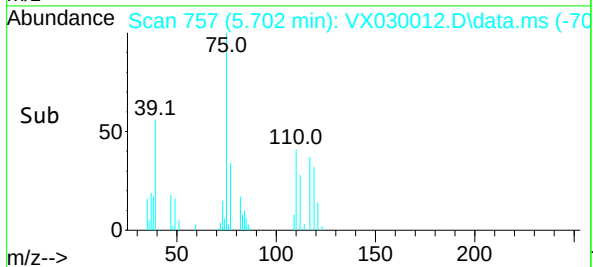
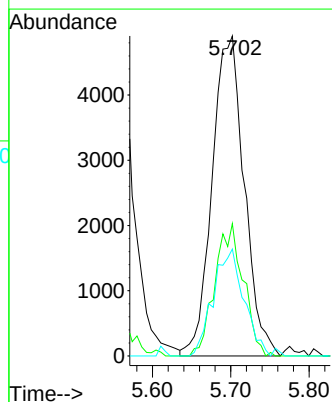
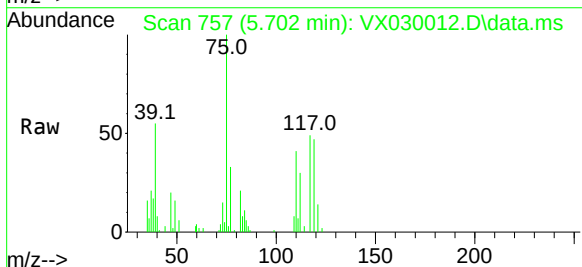
Delta R.T. 0.006 min

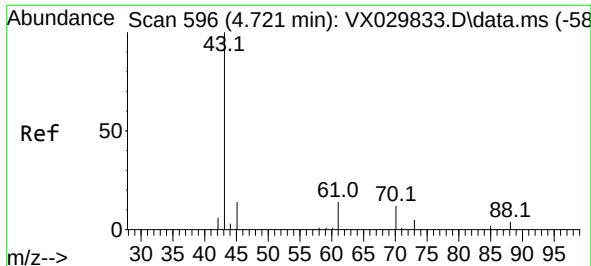
Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion: 75 Resp: 13985

Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.3	57.9
77	32.0	24.4	36.6





#37

Ethyl Acetate

Concen: 4.562 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

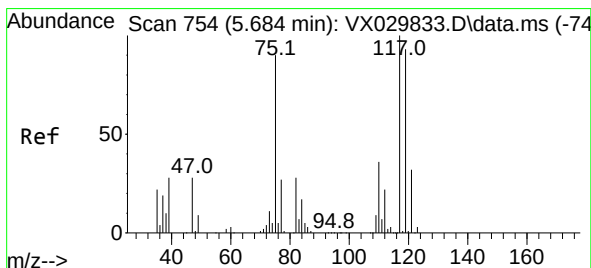
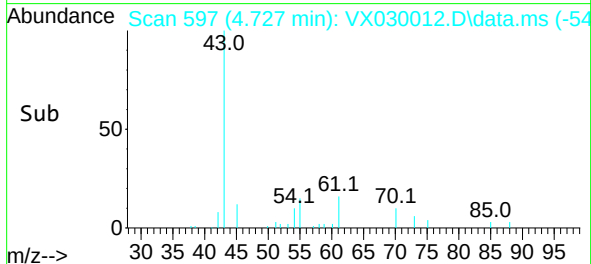
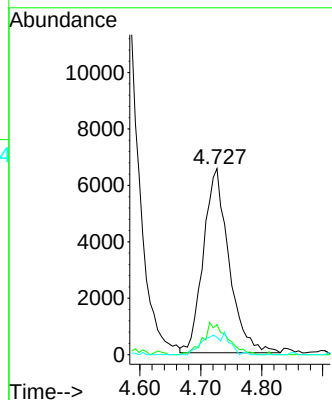
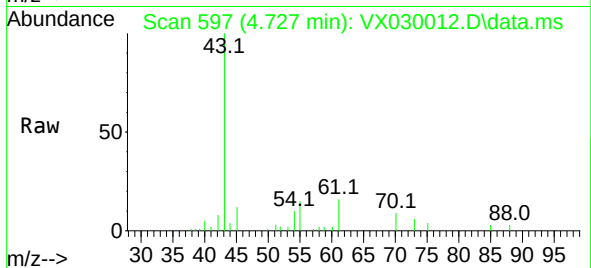
Tgt Ion:	43	Resp:	19018
Ion Ratio	Lower	Upper	
43	100		
61	16.5	11.7	17.5
70	7.9	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 5.224 ug/l

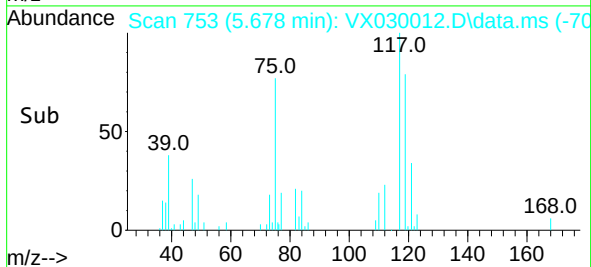
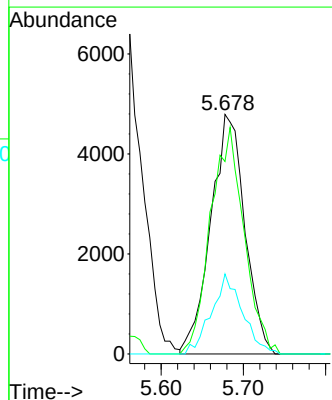
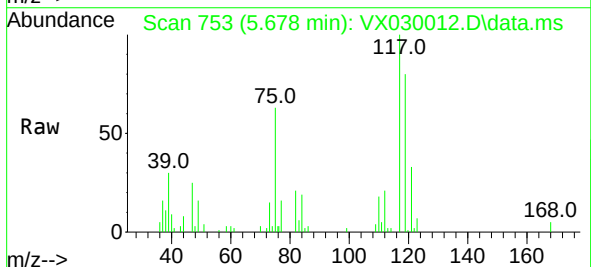
RT: 5.678 min Scan# 753

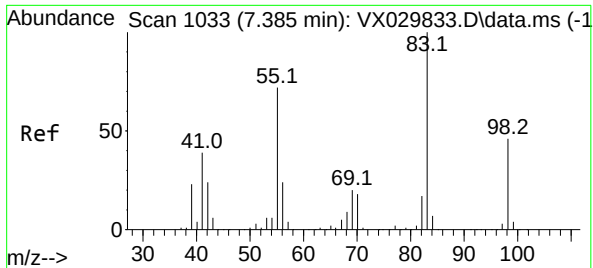
Delta R.T. -0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion:	117	Resp:	13798
Ion Ratio	Lower	Upper	
117	100		
119	80.4	74.1	111.1
121	33.4	25.8	38.8





#39
Methylcyclohexane
Concen: 4.771 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

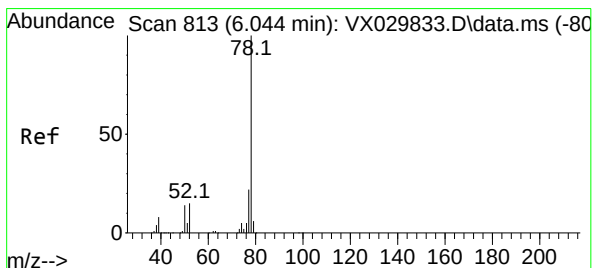
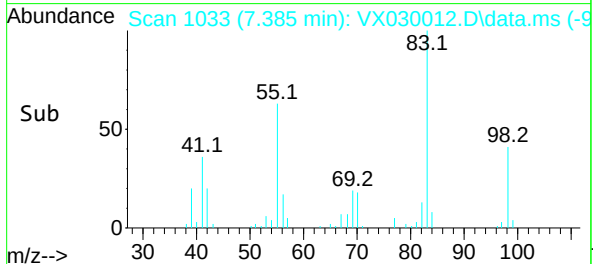
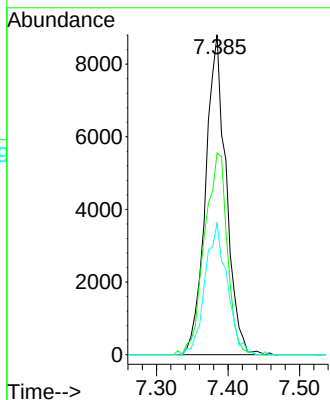
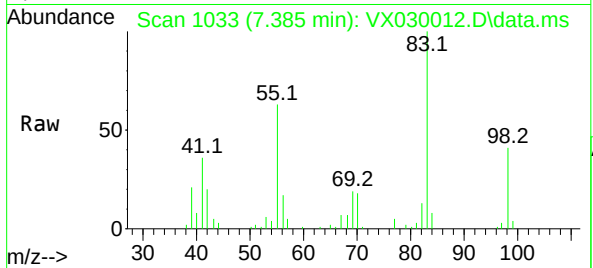
Tgt Ion: 83 Resp: 17580
Ion Ratio Lower Upper
83 100
55 63.0 57.7 86.5
98 41.1 36.5 54.7

Manual Integrations

APPROVED

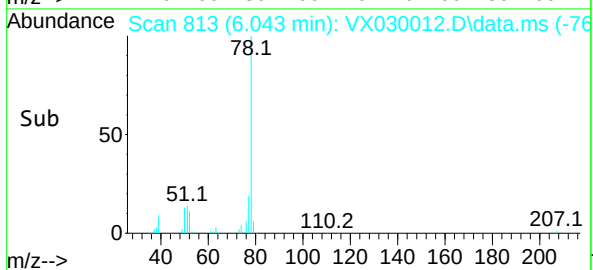
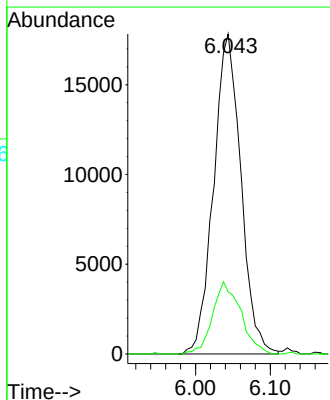
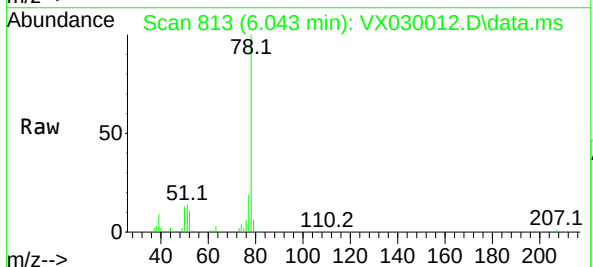
Reviewed By :John Carlone 07/13/2022

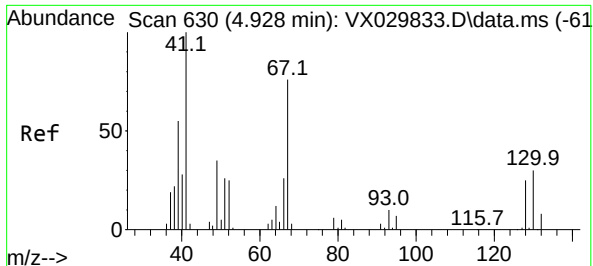
Supervised By :Mahesh Dadoda 07/13/2022



#40
Benzene
Concen: 4.595 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

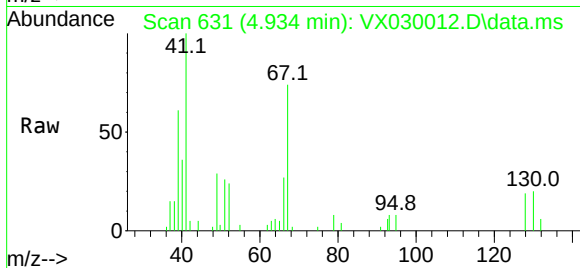
Tgt Ion: 78 Resp: 45297
Ion Ratio Lower Upper
78 100
77 19.5 18.0 27.0





#41
Methacrylonitrile
Concen: 4.658 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

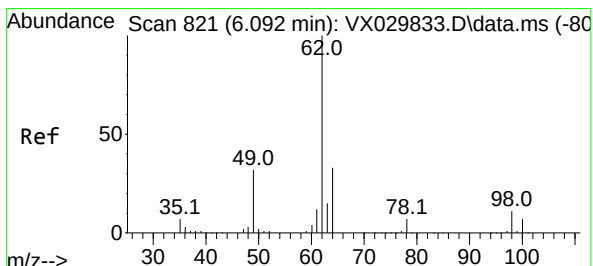
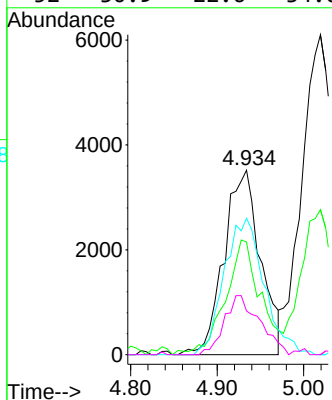
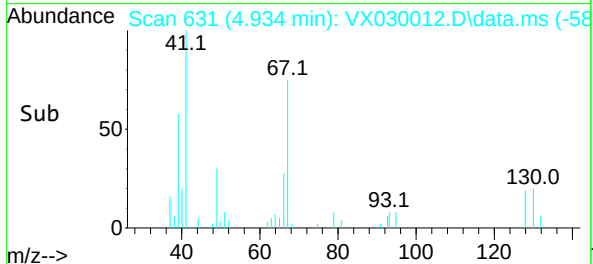
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



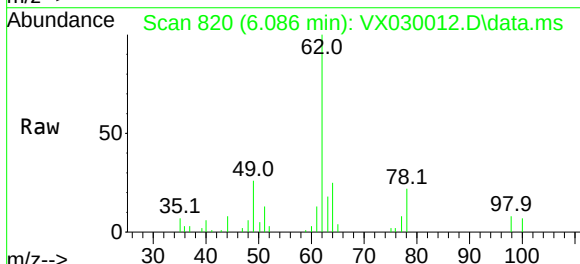
Tgt Ion: 41 Resp: 10324
Ion Ratio Lower Upper
41 100
39 60.3 42.9 64.3
67 80.8 60.1 90.1
52 30.9 22.6 34.0

Manual Integrations
APPROVED

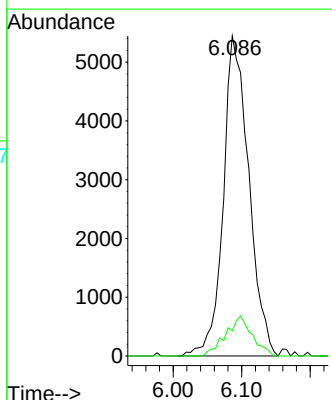
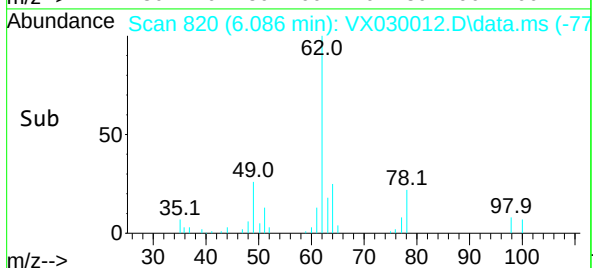
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

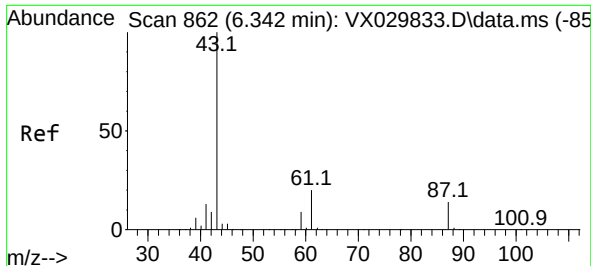


#42
1,2-Dichloroethane
Concen: 4.663 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



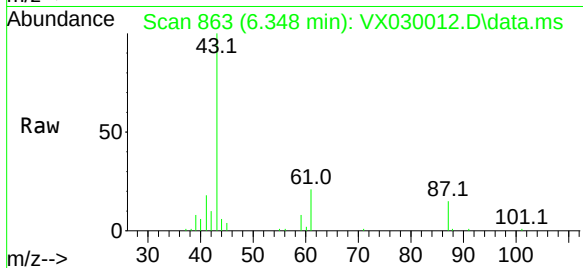
Tgt Ion: 62 Resp: 14108
Ion Ratio Lower Upper
62 100
98 12.9 0.0 20.2





#43
Isopropyl Acetate
Concen: 4.682 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

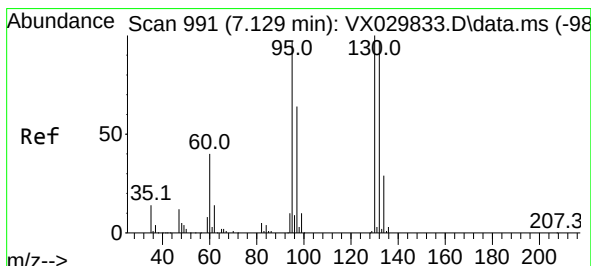
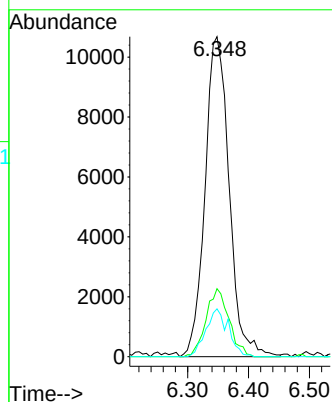
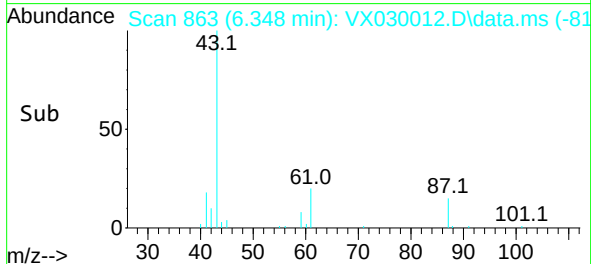
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 2939
Ion Ratio Lower Upper
43 100
61 20.3 16.5 24.7
87 14.0 11.1 16.7

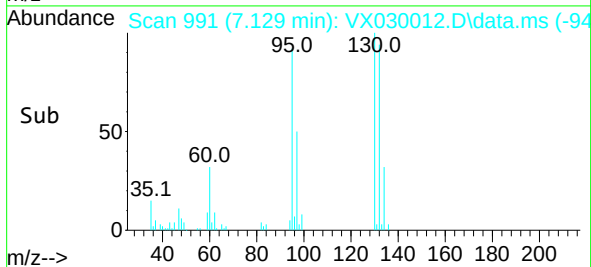
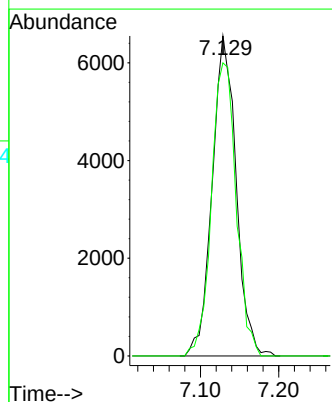
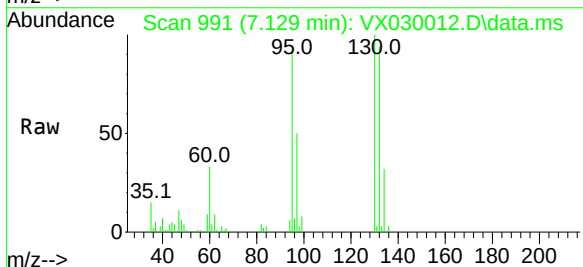
Manual Integrations
APPROVED

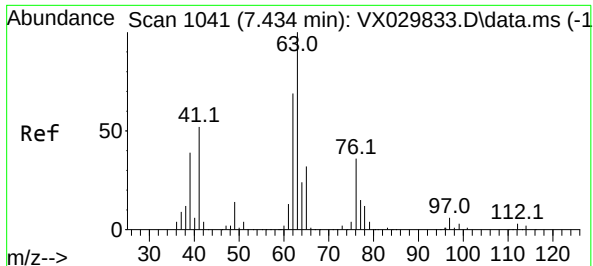
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 5.240 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion:130 Resp: 13909
Ion Ratio Lower Upper
130 100
95 91.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 4.704 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 12250

Ion Ratio Lower Upper

63 100

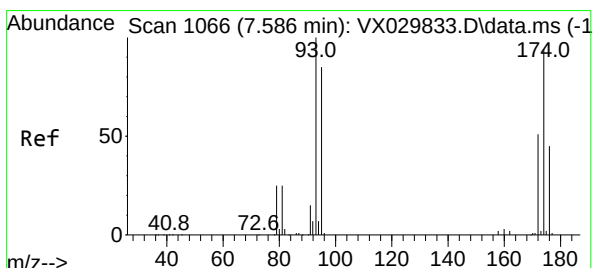
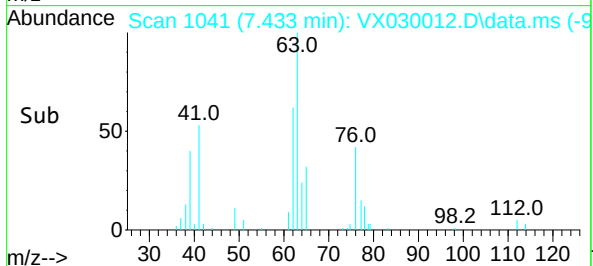
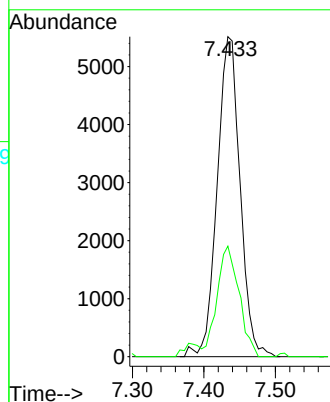
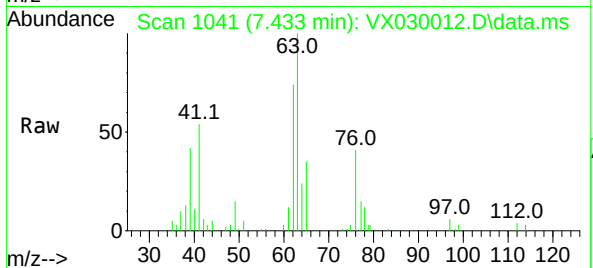
65 33.6 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 4.924 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

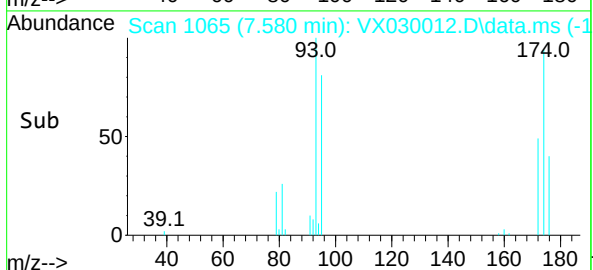
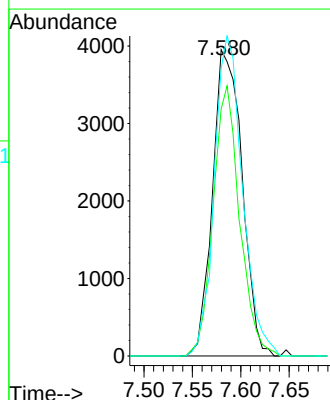
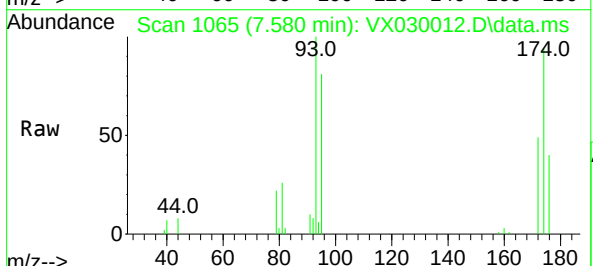
Tgt Ion: 93 Resp: 8387

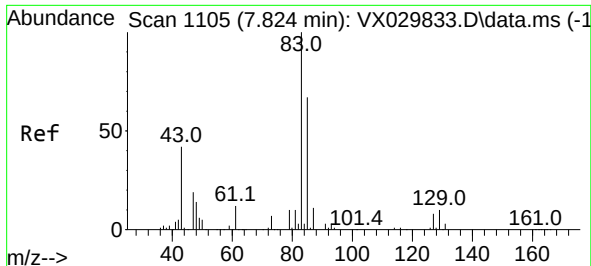
Ion Ratio Lower Upper

93 100

95 79.4 67.4 101.0

174 100.0 75.6 113.4





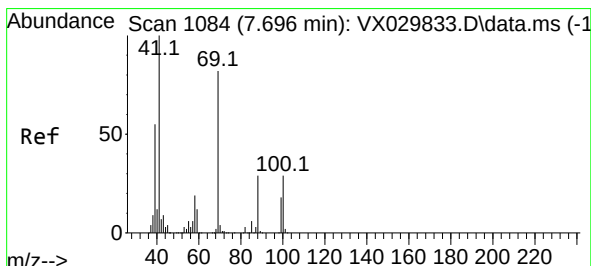
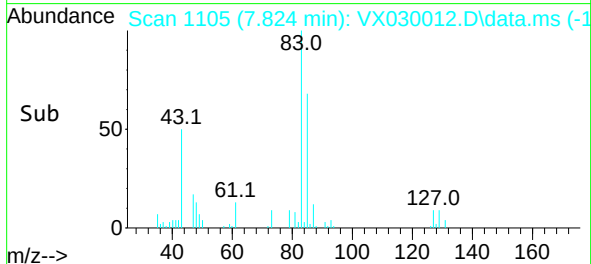
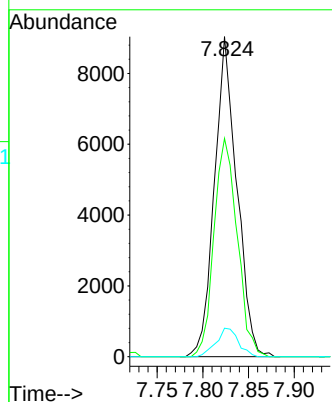
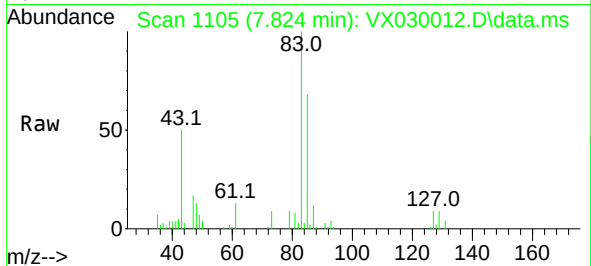
#47
Bromodichloromethane
Concen: 5.048 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15412
Ion Ratio Lower Upper
83 100
85 68.2 53.5 80.3
127 8.9 6.6 10.0

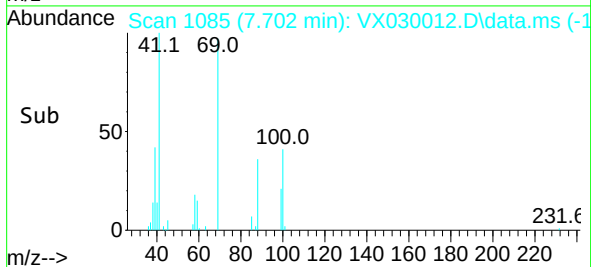
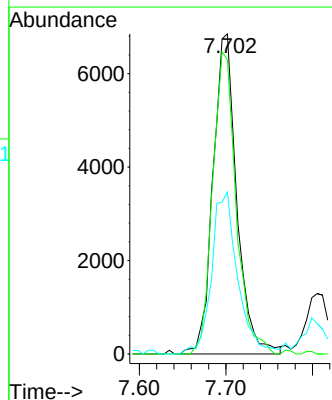
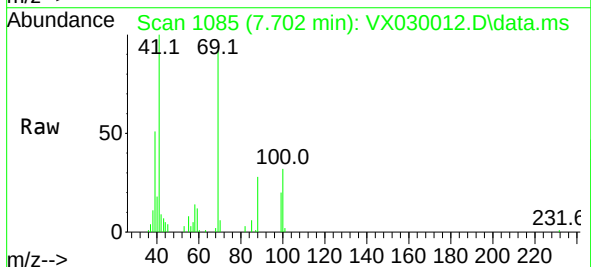
Manual Integrations
APPROVED

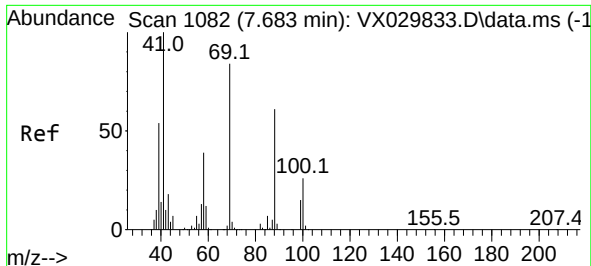
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#48
Methyl methacrylate
Concen: 4.387 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 41 Resp: 13060
Ion Ratio Lower Upper
41 100
69 93.1 68.8 103.2
39 55.6 44.6 66.8





#49

1,4-Dioxane

Concen: 98.273 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

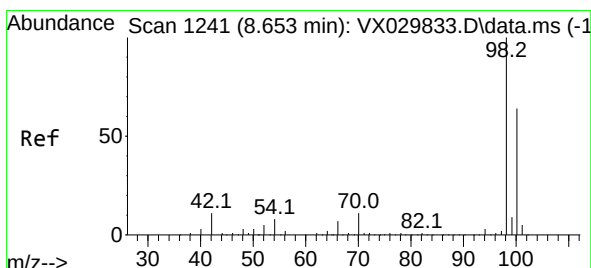
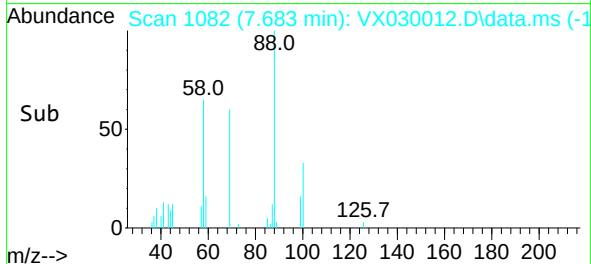
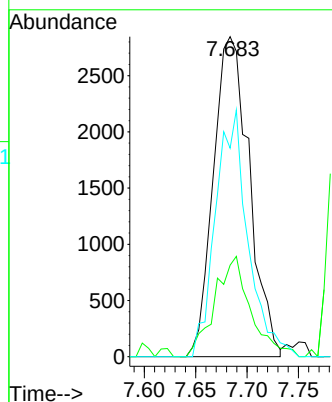
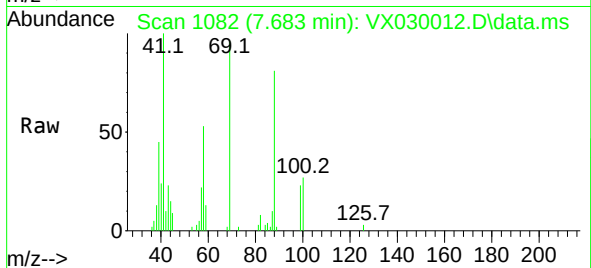
Tgt Ion: 88	Resp: 692
Ion Ratio	Lower Upper
88 100	
43 31.4	23.8 35.8
58 69.5	53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 4.888 ug/l

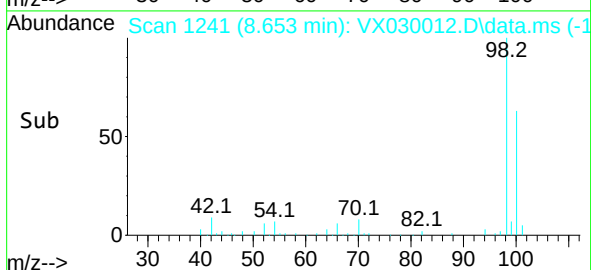
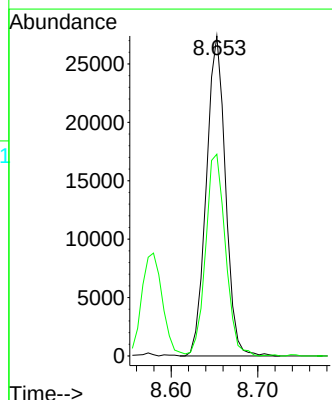
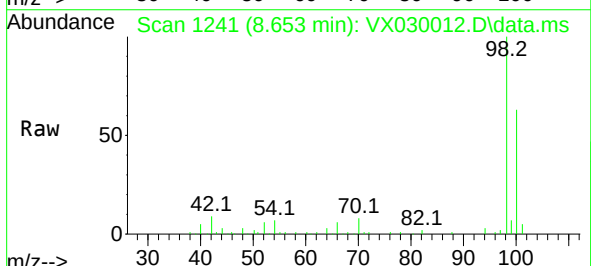
RT: 8.653 min Scan# 1241

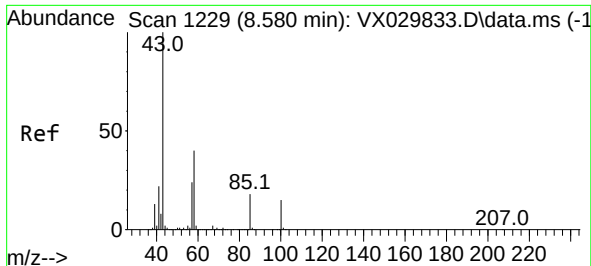
Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion: 98	Resp: 42026
Ion Ratio	Lower Upper
98 100	
100 65.5	52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 23.679 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 98028

Ion Ratio Lower Upper

43 100

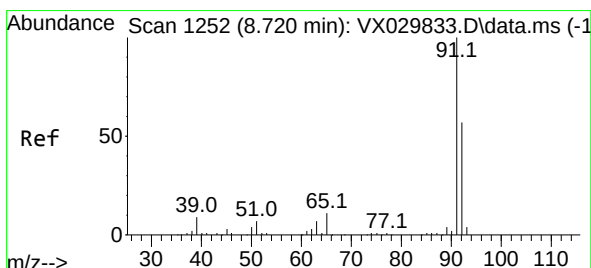
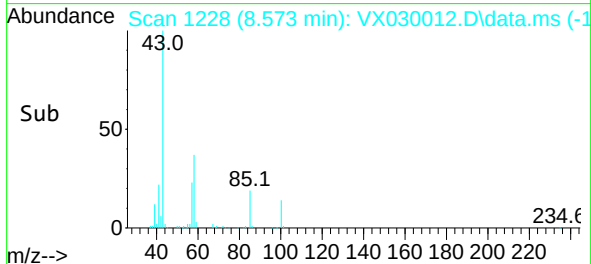
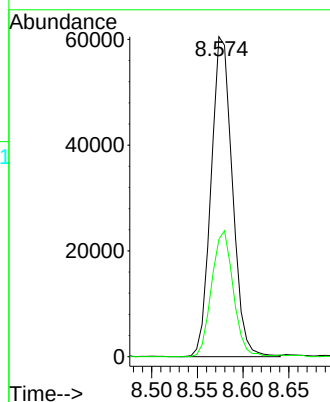
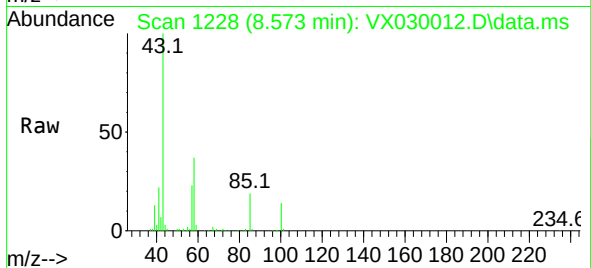
58 39.9 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#52

Toluene

Concen: 5.001 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030012.D

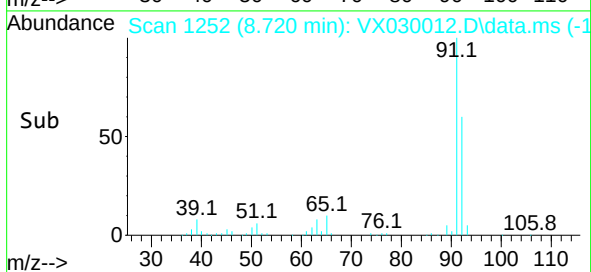
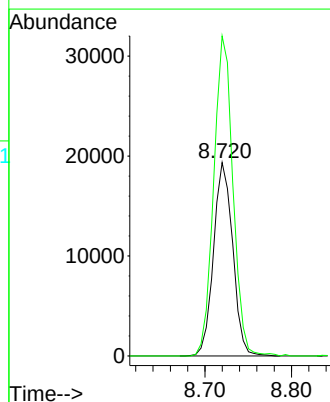
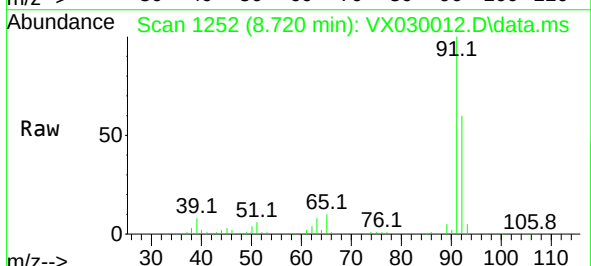
Acq: 12 Jul 2022 11:56

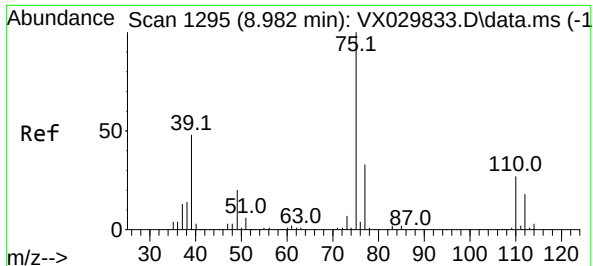
Tgt Ion: 92 Resp: 29747

Ion Ratio Lower Upper

92 100

91 166.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 4.901 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 15940

Ion Ratio Lower Upper

75 100

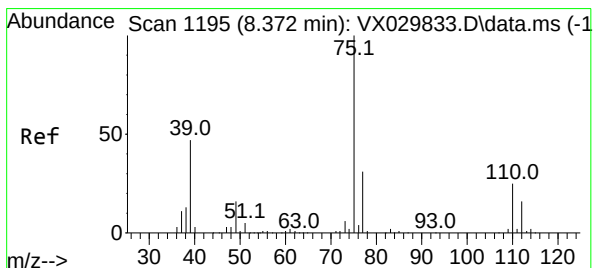
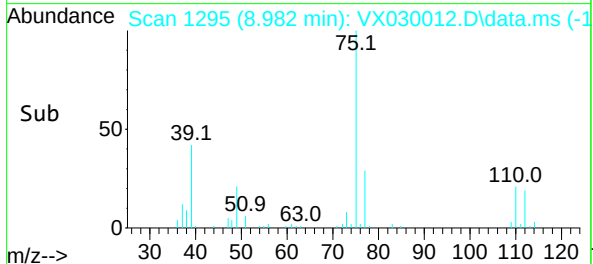
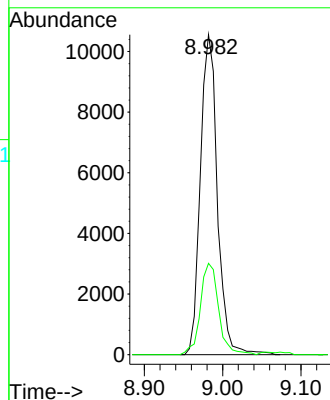
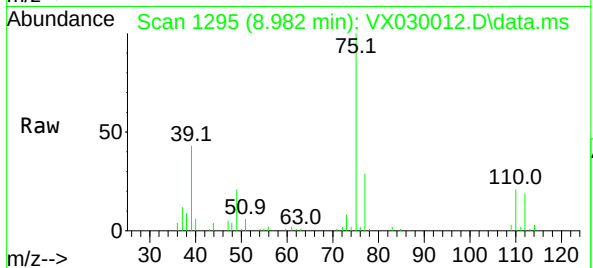
77 28.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 4.825 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

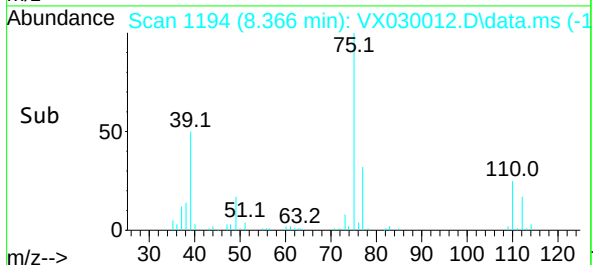
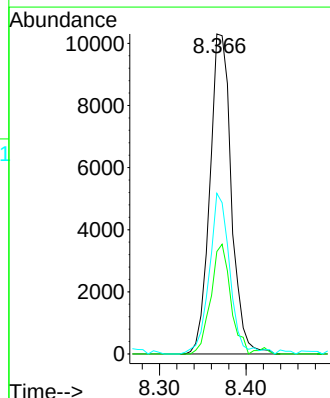
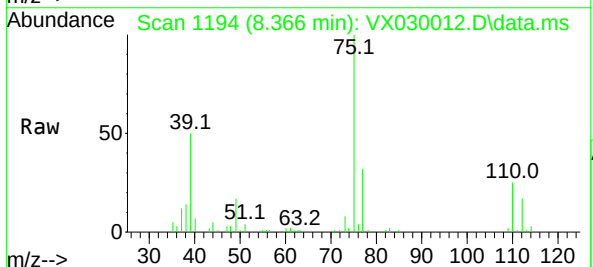
Tgt Ion: 75 Resp: 17741

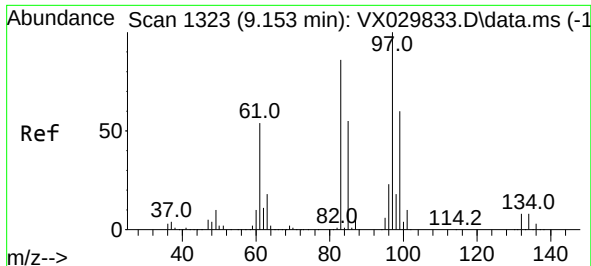
Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4

39 50.2 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 4.933 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

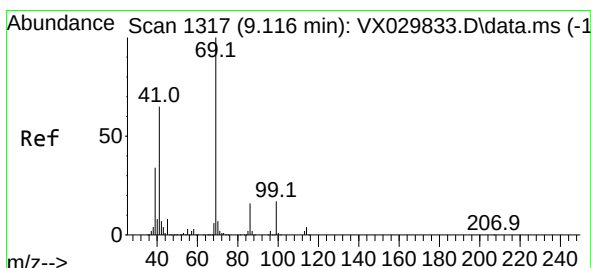
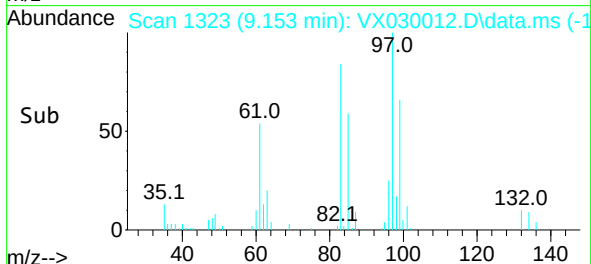
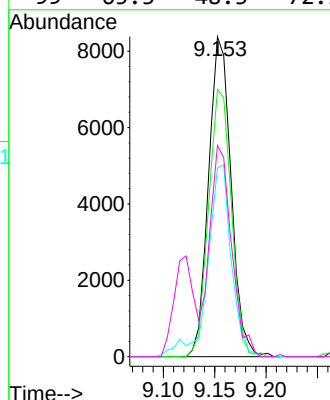
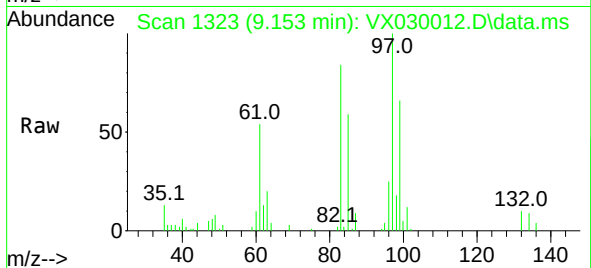
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.9	103.3
85	59.0	44.0	66.0
99	65.3	48.3	72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#56

Ethyl methacrylate

Concen: 4.477 ug/l

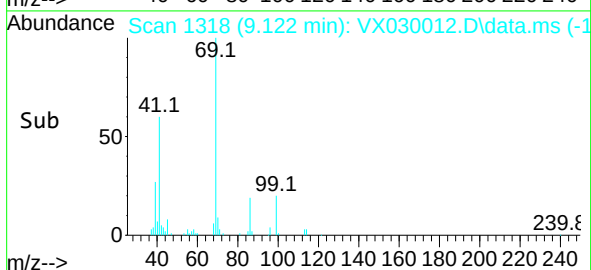
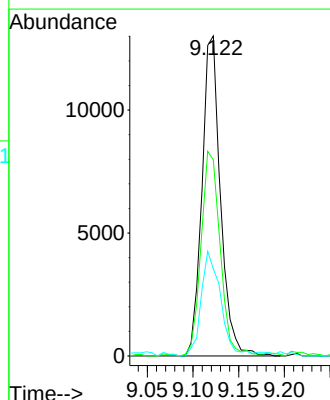
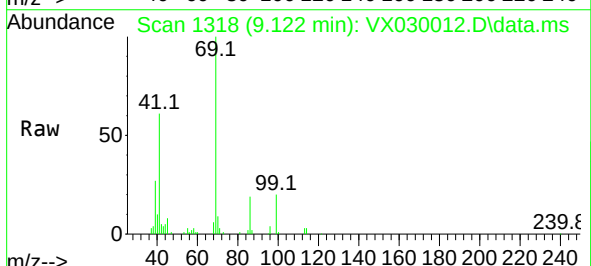
RT: 9.122 min Scan# 1318

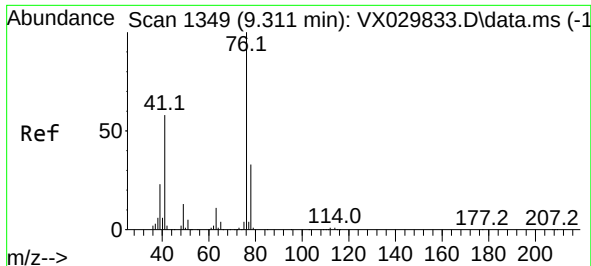
Delta R.T. 0.006 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.3	78.5
39	34.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 4.889 ug/l

RT: 9.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2038

Ion Ratio Lower Upper

76 100

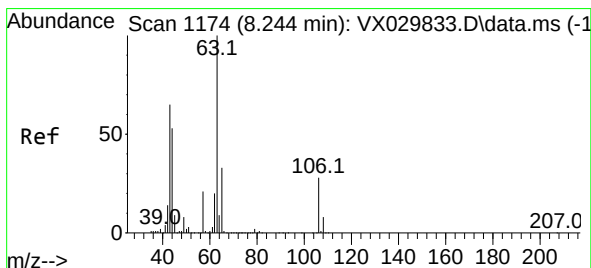
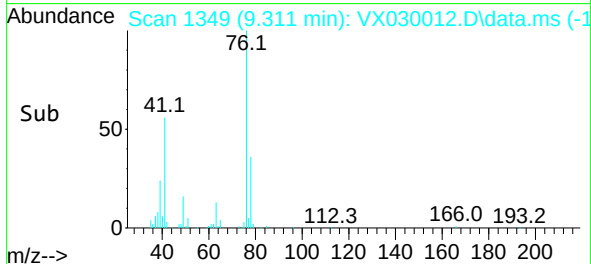
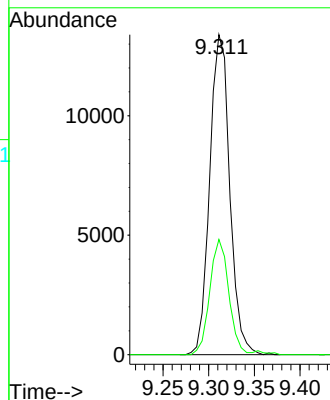
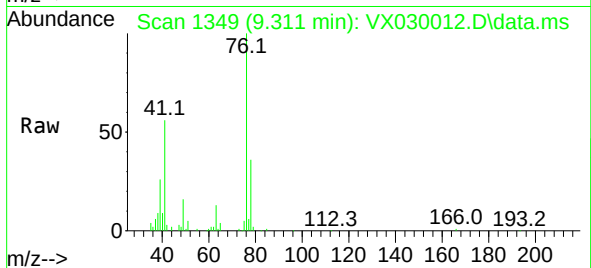
78 34.2 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 20.091 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX030012.D

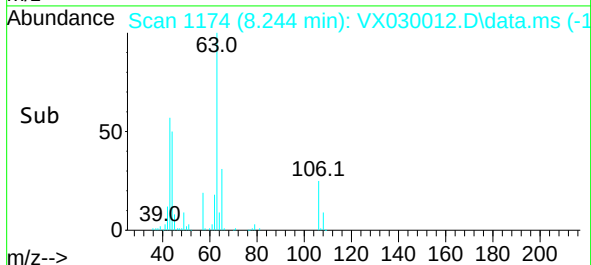
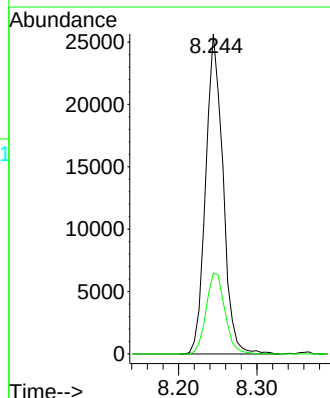
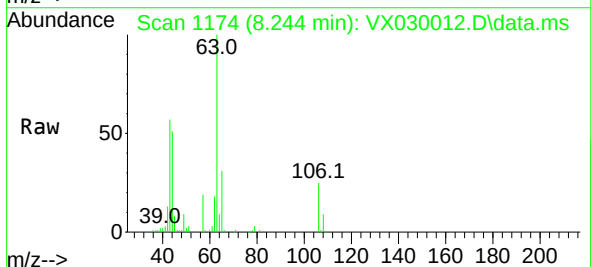
Acq: 12 Jul 2022 11:56

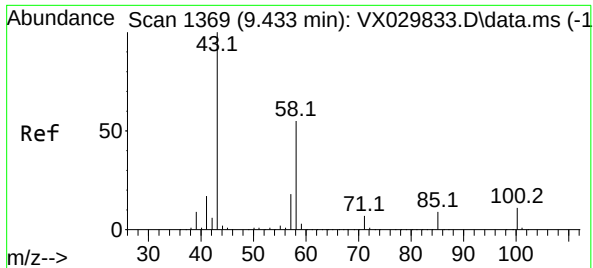
Tgt Ion: 63 Resp: 39170

Ion Ratio Lower Upper

63 100

106 27.4 22.2 33.2





#59

2-Hexanone

Concen: 23.146 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 7436

Ion Ratio Lower Upper

43 100

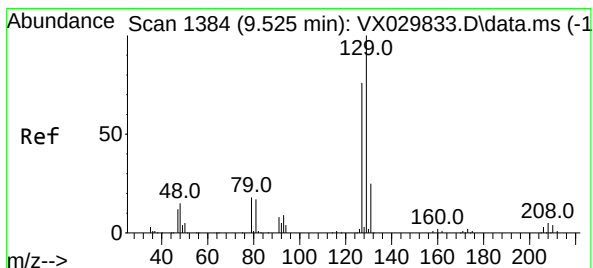
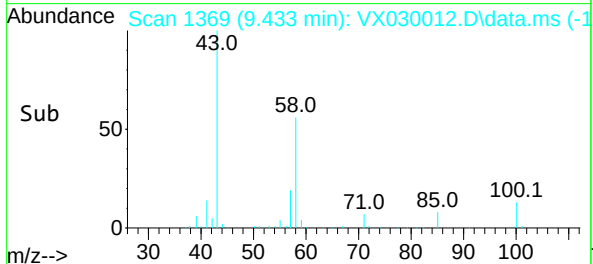
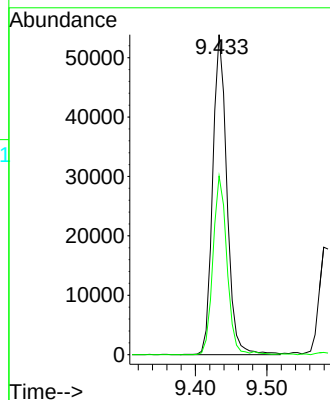
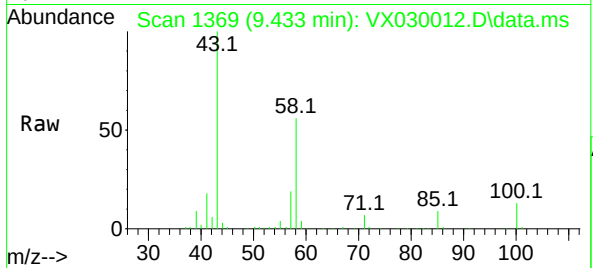
58 55.0 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 5.617 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030012.D

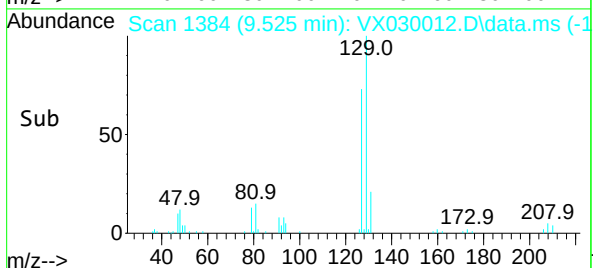
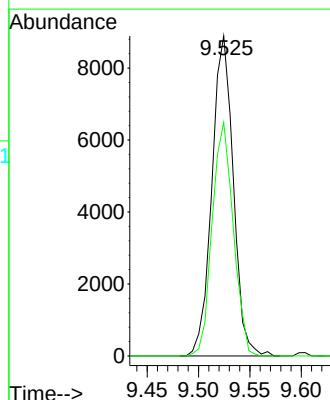
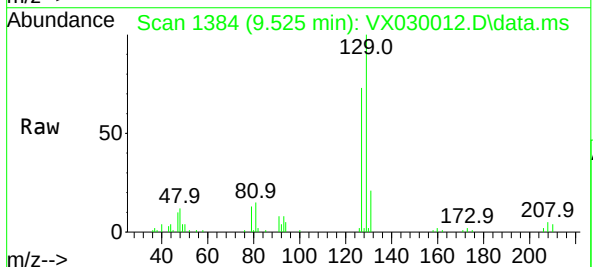
Acq: 12 Jul 2022 11:56

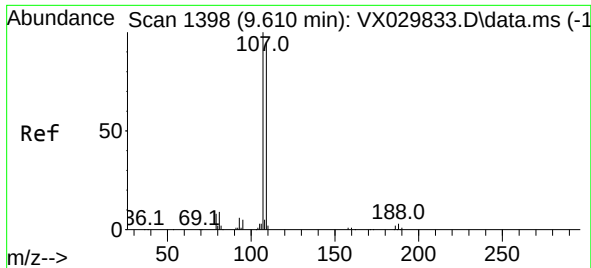
Tgt Ion:129 Resp: 12861

Ion Ratio Lower Upper

129 100

127 71.9 38.5 115.5





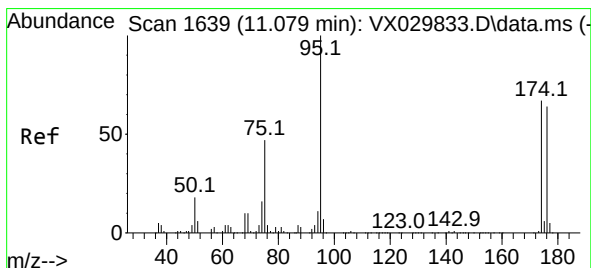
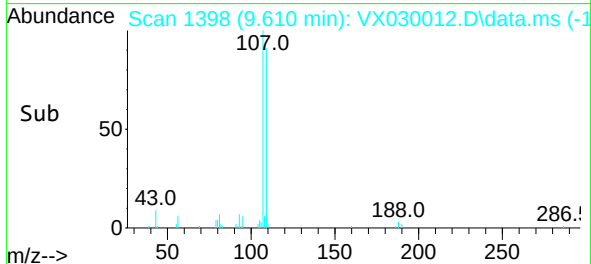
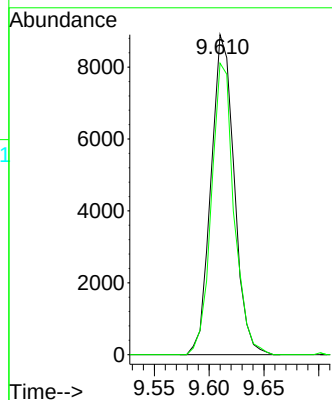
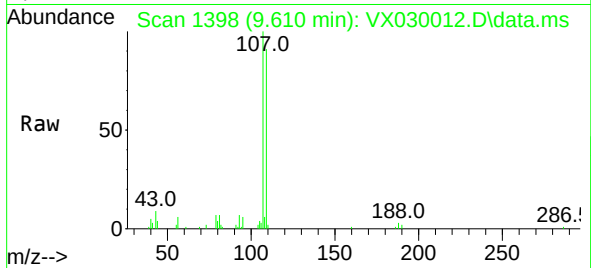
#61
1,2-Dibromoethane
Concen: 4.950 ug/l
RT: 9.610 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 1310
Ion Ratio Lower Upper
107 100
109 88.8 76.6 114.8

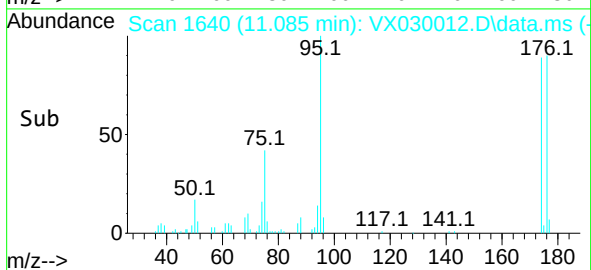
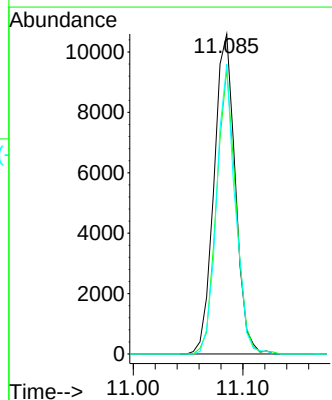
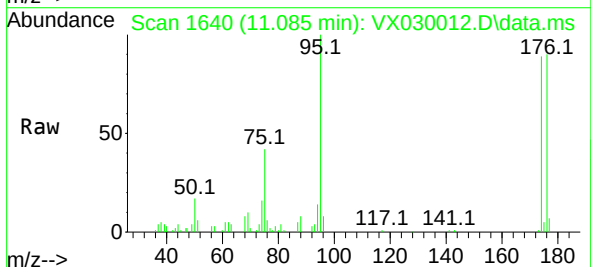
Manual Integrations
APPROVED

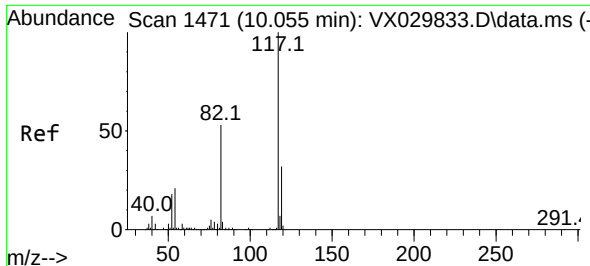
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#62
4-Bromofluorobenzene
Concen: 4.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

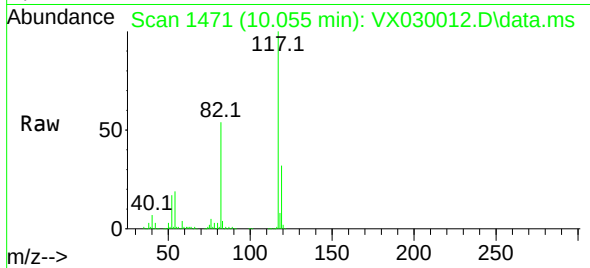
Tgt Ion: 95 Resp: 14280
Ion Ratio Lower Upper
95 100
174 81.3 0.0 149.0
176 79.2 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

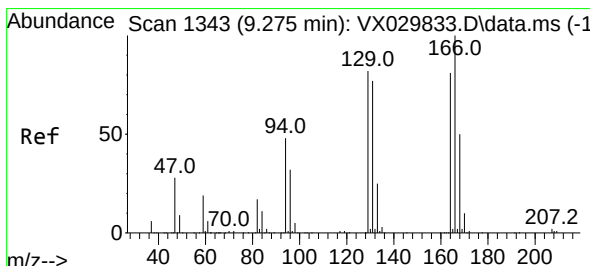
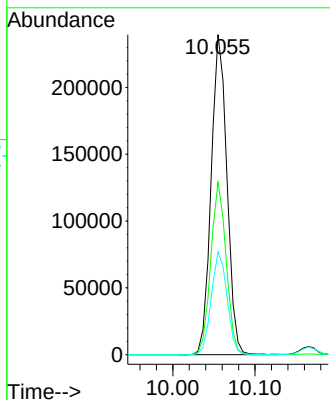
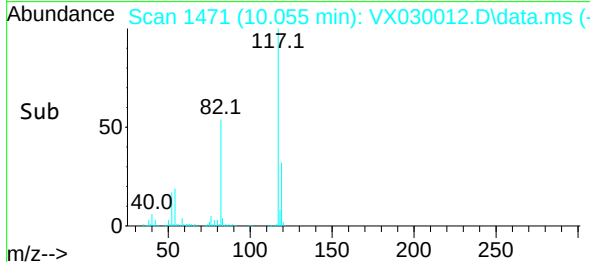
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 319210
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.1 25.4 38.2

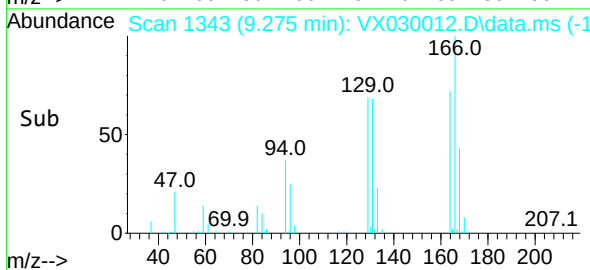
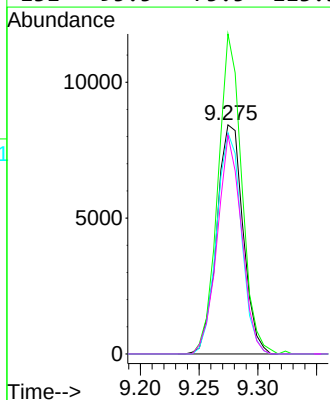
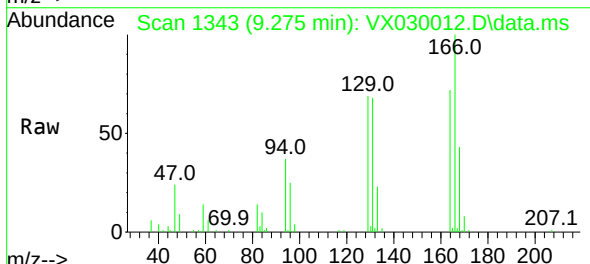
Manual Integrations
APPROVED

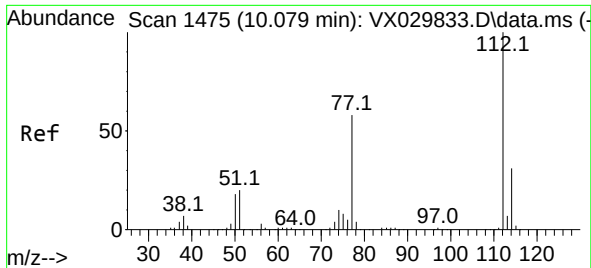
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 6.800 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion:164 Resp: 13092
Ion Ratio Lower Upper
164 100
166 139.7 98.2 147.4
129 96.6 80.8 121.2
131 95.5 75.5 113.3





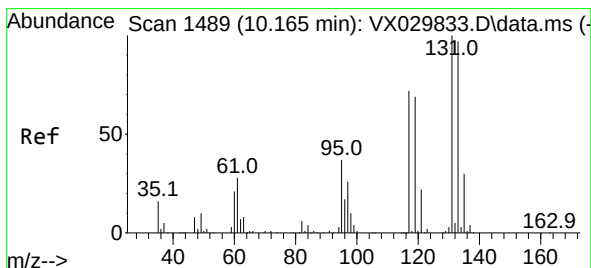
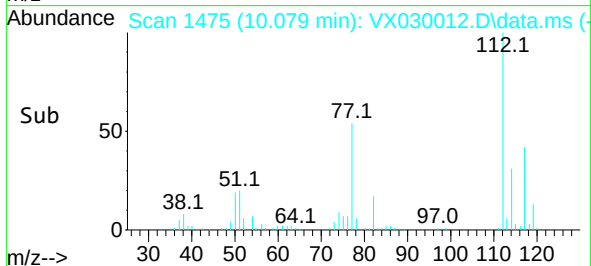
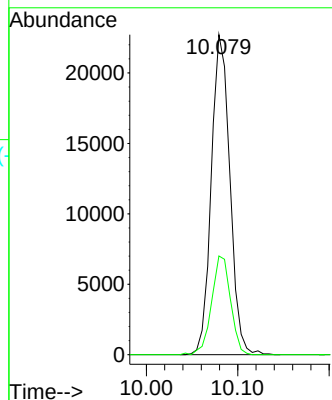
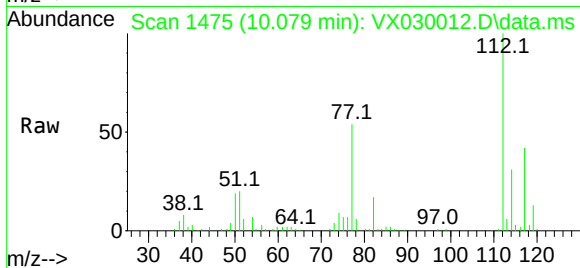
#65
Chlorobenzene
Concen: 5.000 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 32038
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8

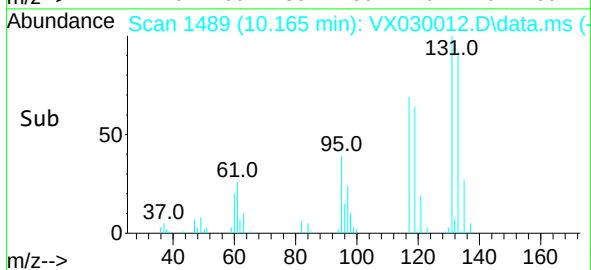
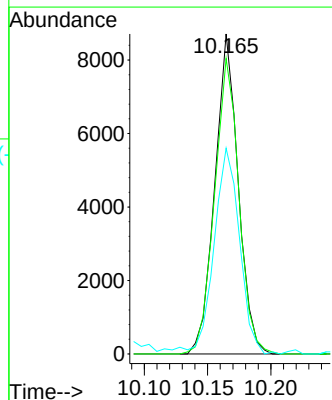
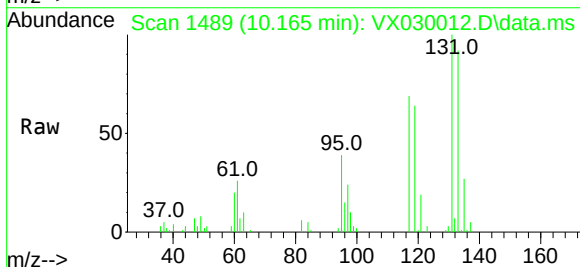
Manual Integrations
APPROVED

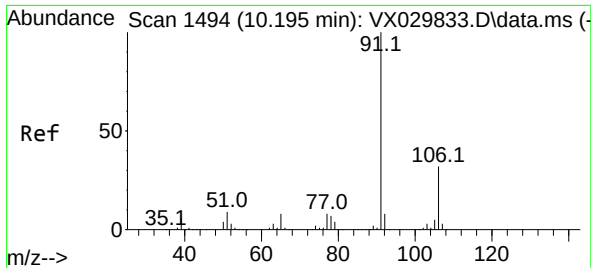
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.212 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion:131 Resp: 11158
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.8
119 70.5 34.4 103.1





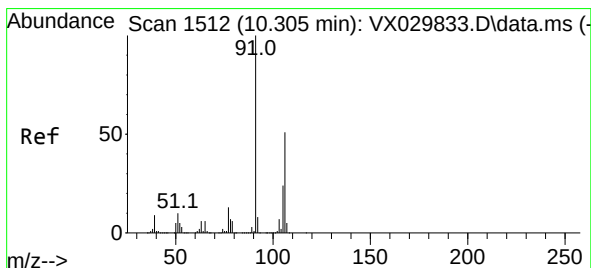
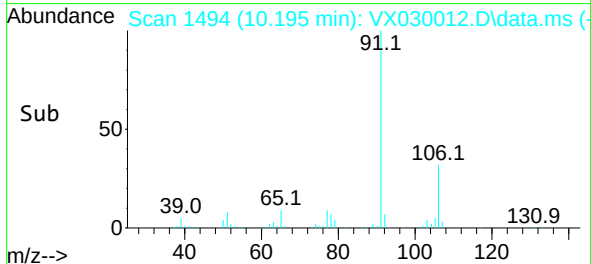
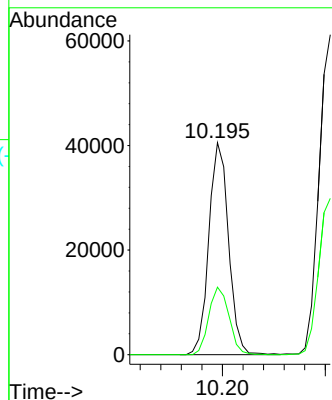
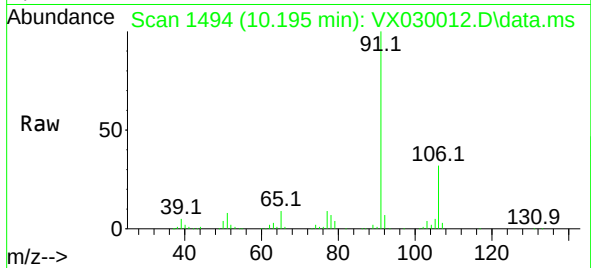
#67
Ethyl Benzene
Concen: 4.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5398
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

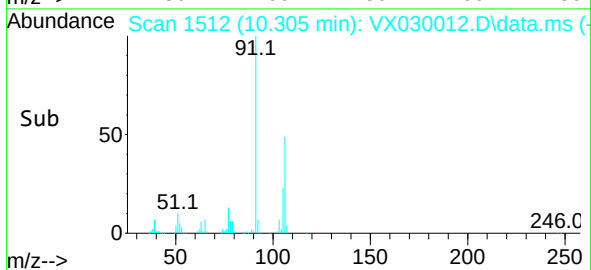
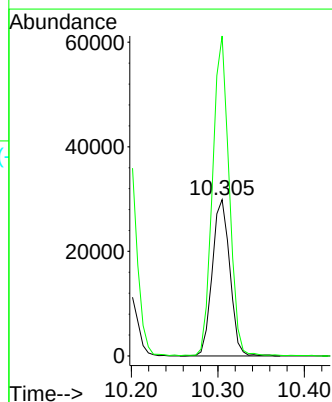
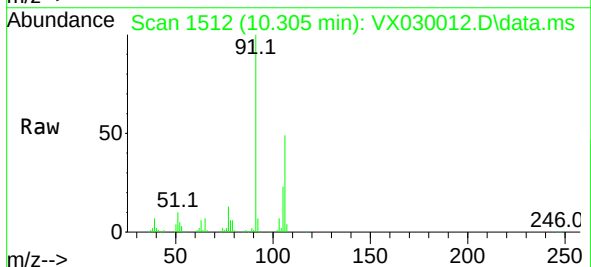
Manual Integrations
APPROVED

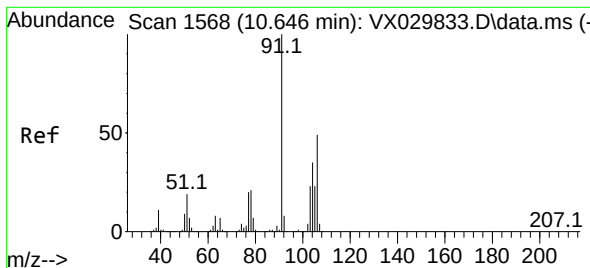
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 9.835 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion:106 Resp: 42042
Ion Ratio Lower Upper
106 100
91 193.2 158.2 237.4





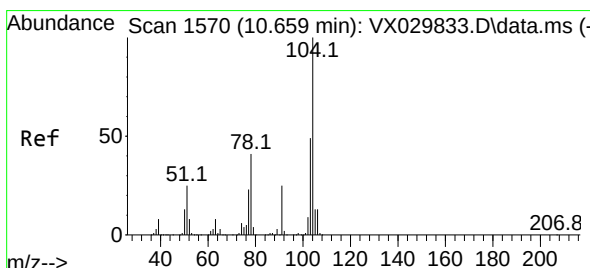
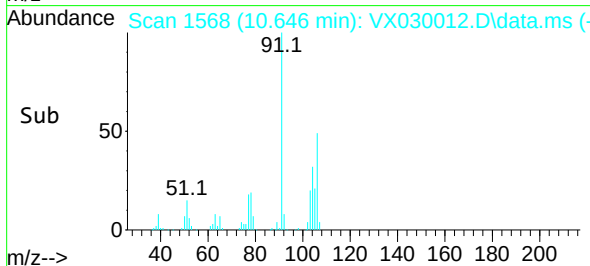
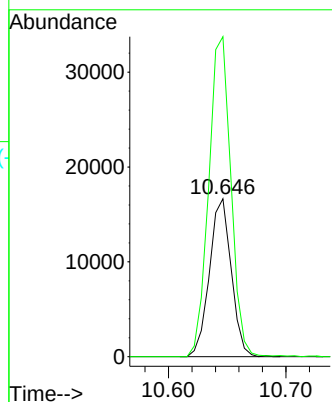
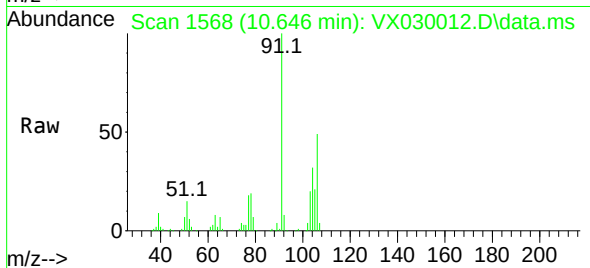
#69
o-Xylene
Concen: 4.951 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 2143
Ion Ratio Lower Upper
106 100
91 206.0 103.8 311.6

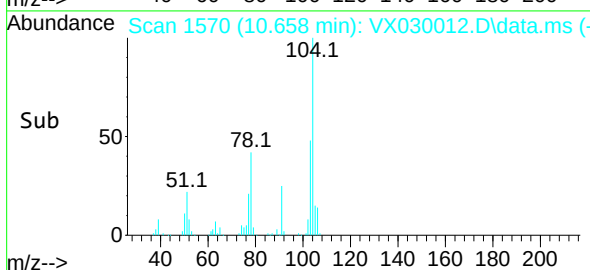
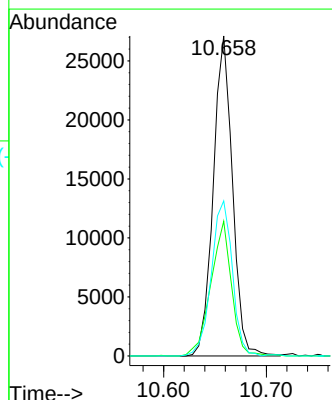
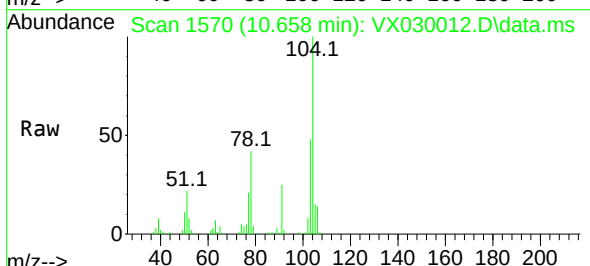
Manual Integrations
APPROVED

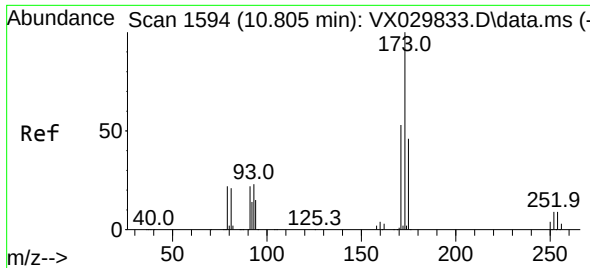
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 4.920 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

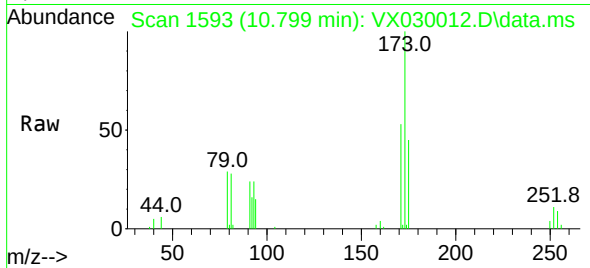
Tgt Ion:104 Resp: 35214
Ion Ratio Lower Upper
104 100
78 45.4 37.8 56.8
103 53.0 44.5 66.7





#71
Bromoform
Concen: 5.866 ug/l
RT: 10.799 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

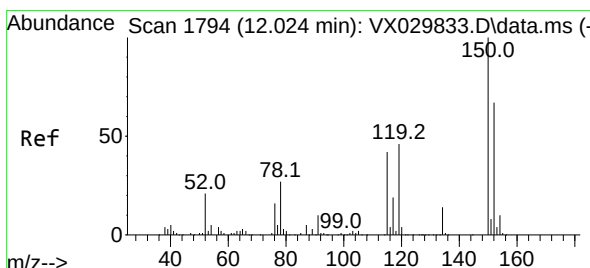
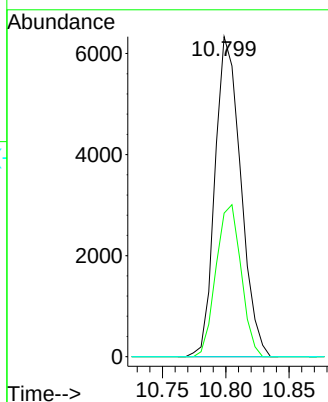
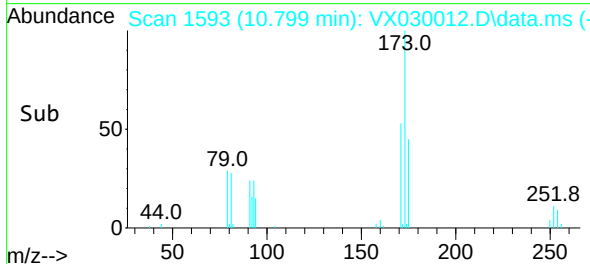
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



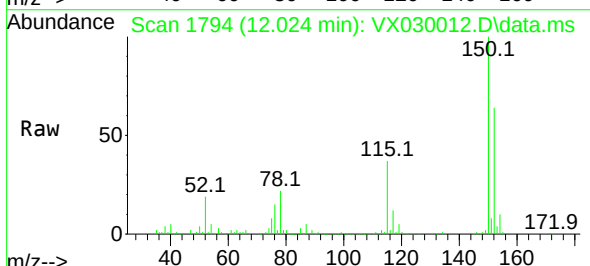
Tgt Ion:173 Resp: 8958
Ion Ratio Lower Upper
173 100
175 46.2 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

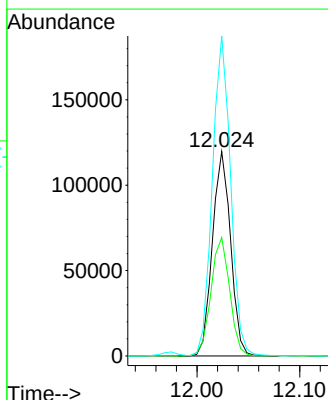
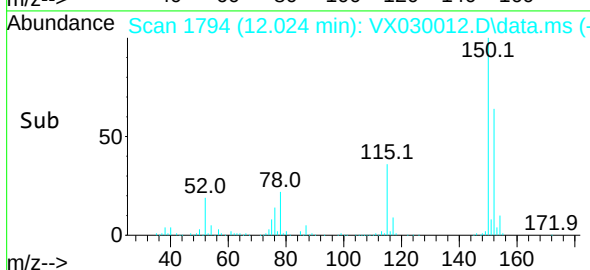
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

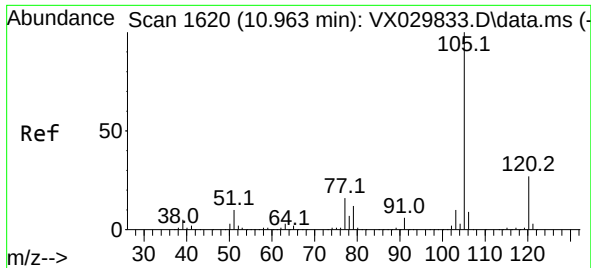


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion:152 Resp: 146844
Ion Ratio Lower Upper
152 100
115 59.6 40.5 121.5
150 156.3 0.0 347.0





#73
Isopropylbenzene
Concen: 4.944 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

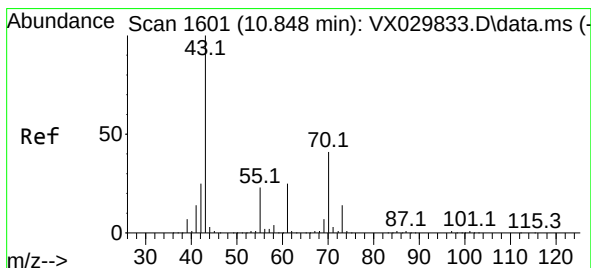
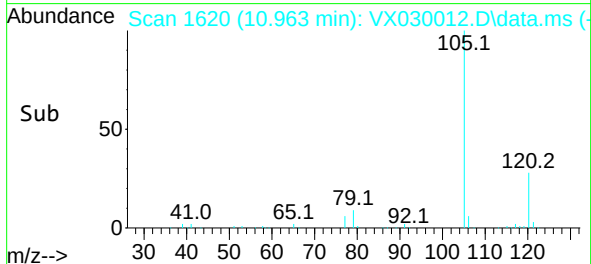
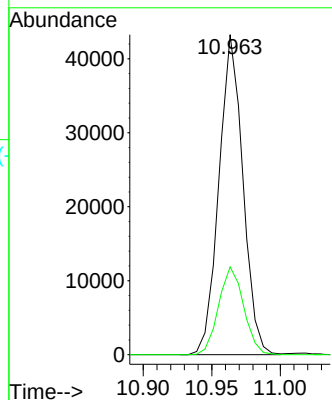
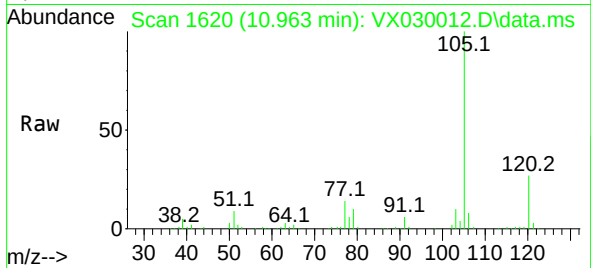
VSTDIC005

Tgt Ion:105 Resp: 5253
Ion Ratio Lower Upper
105 100
120 28.6 13.5 40.4

Manual Integrations

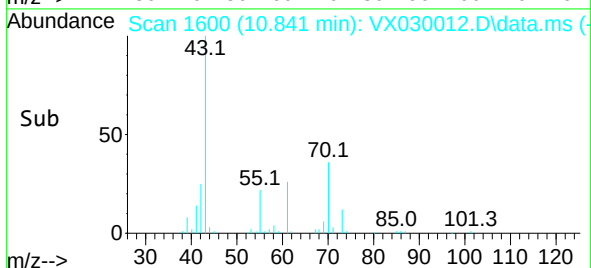
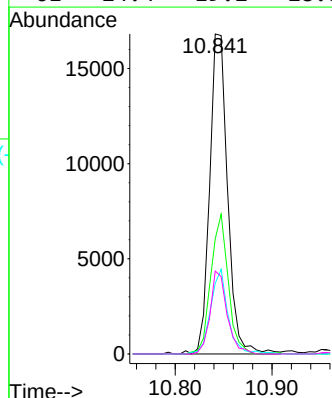
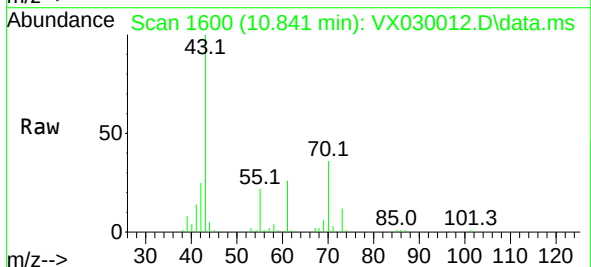
APPROVED

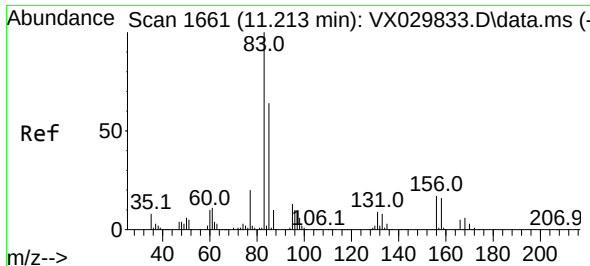
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#74
N-ethyl acetate
Concen: 4.138 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

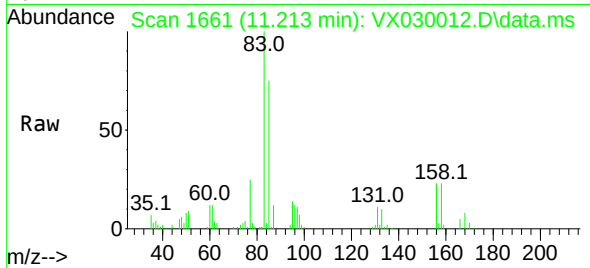
Tgt Ion: 43 Resp: 21771
Ion Ratio Lower Upper
43 100
70 42.1 32.3 48.5
55 25.6 18.4 27.6
61 24.4 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.599 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

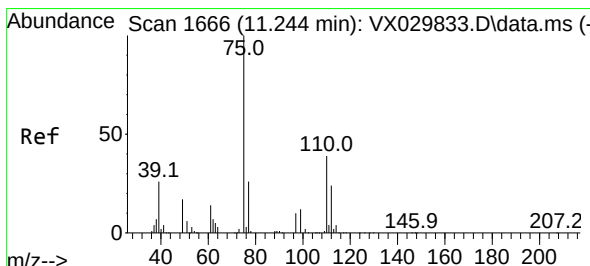
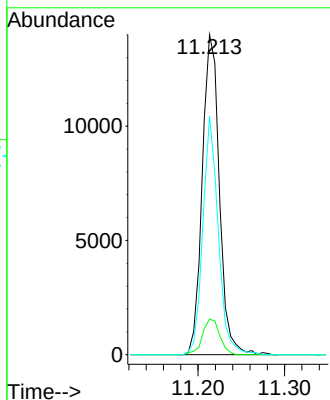
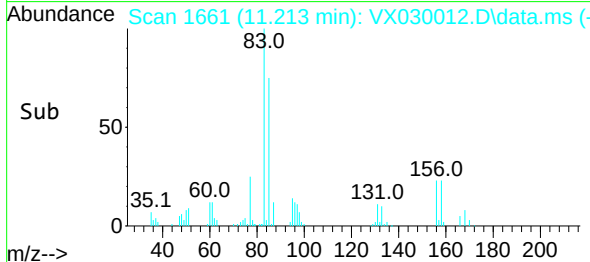
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



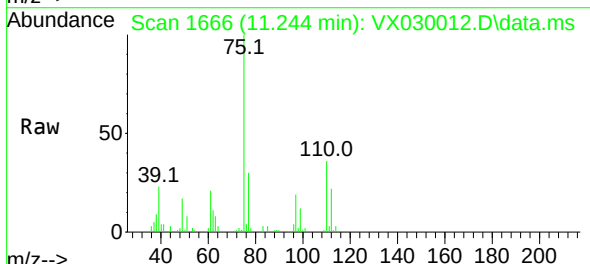
Tgt Ion: 83 Resp: 19230
Ion Ratio Lower Upper
83 100
131 11.3 4.5 13.7
85 67.3 32.5 97.5

Manual Integrations
APPROVED

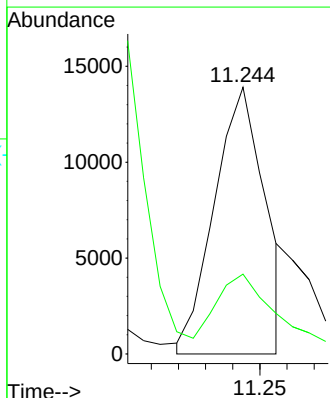
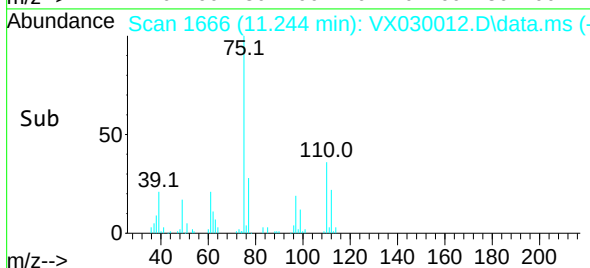
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

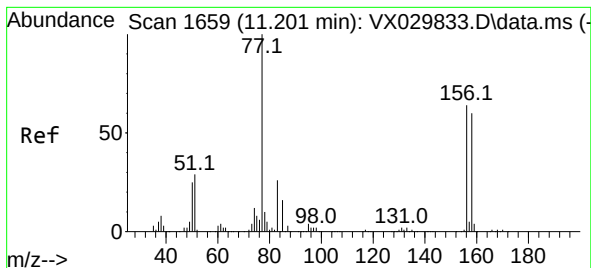


#76
1,2,3-Trichloropropane
Concen: 5.133 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion: 75 Resp: 18044
Ion Ratio Lower Upper
75 100
77 36.8 19.8 59.3





#77

Bromobenzene

Concen: 5.221 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

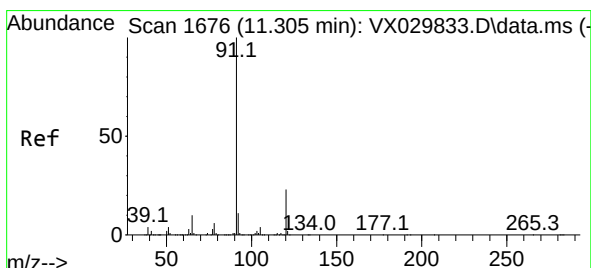
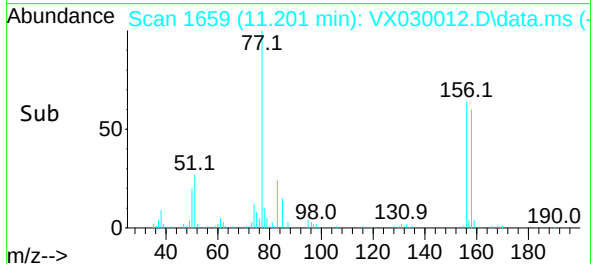
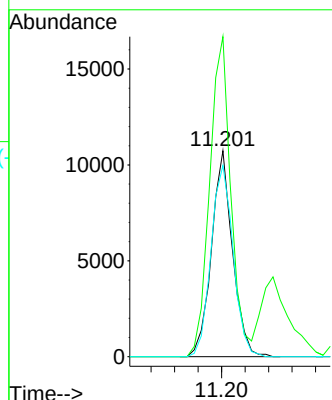
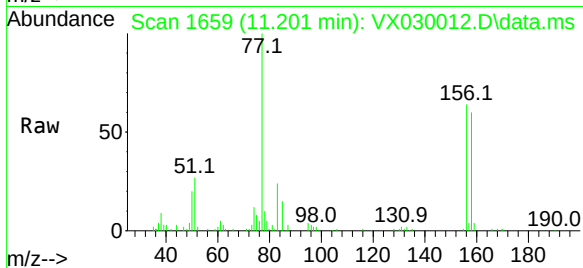
Tgt Ion:	156	Resp:	1334
Ion Ratio	Lower	Upper	
156	100		
77	156.4	82.7	247.9
158	97.9	47.5	142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#78

n-propylbenzene

Concen: 4.794 ug/l

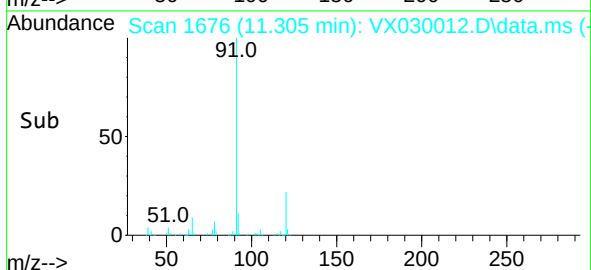
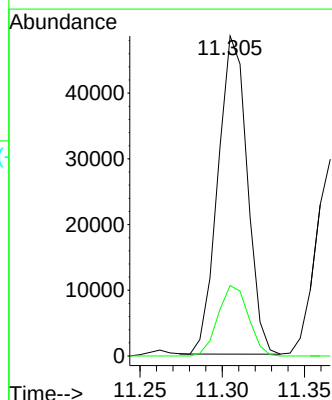
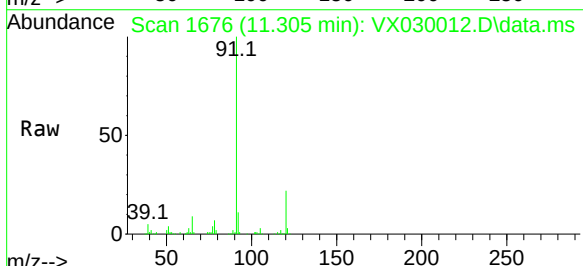
RT: 11.305 min Scan# 1676

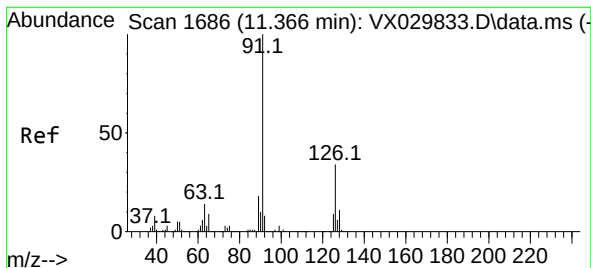
Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion:	91	Resp:	60079
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.8





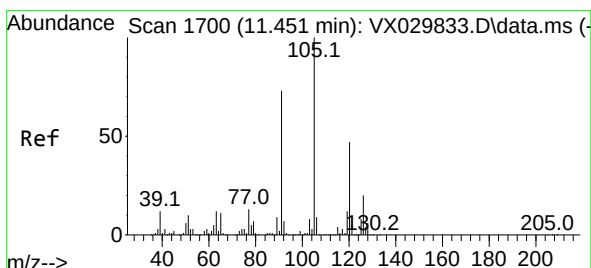
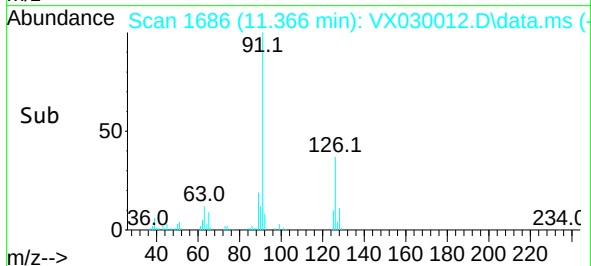
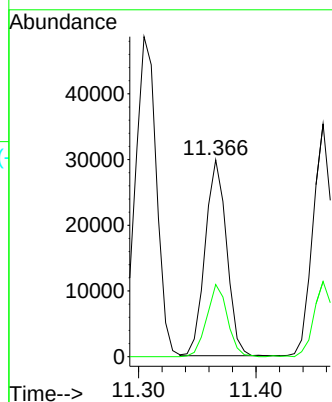
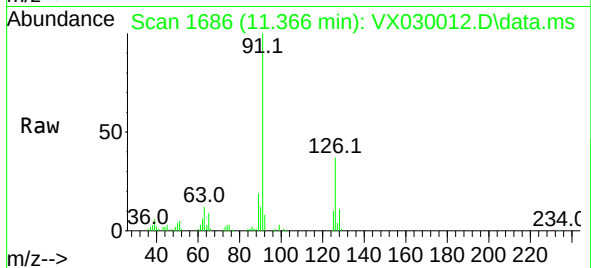
#79
2-Chlorotoluene
Concen: 5.079 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 37838
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

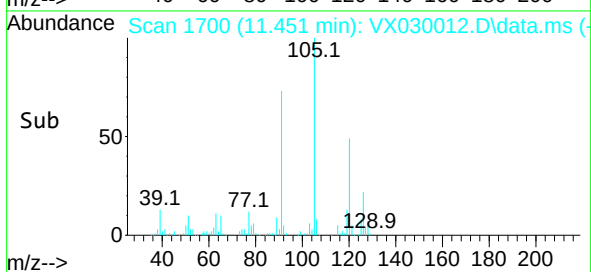
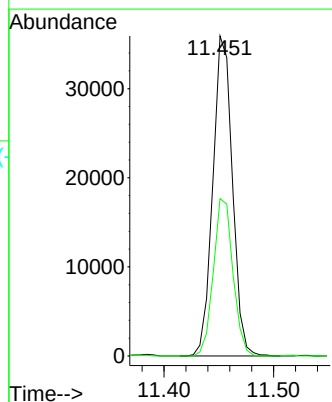
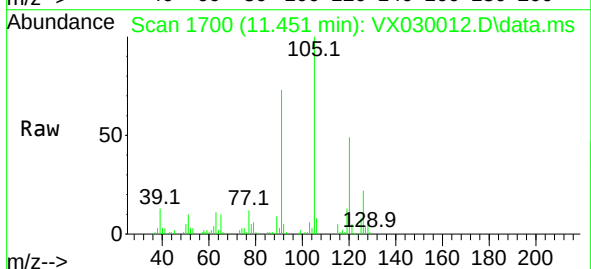
Manual Integrations
APPROVED

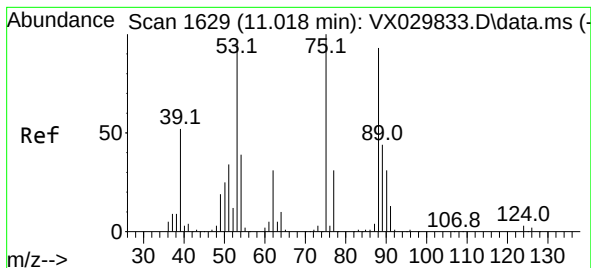
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.051 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion:105 Resp: 44553
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.2





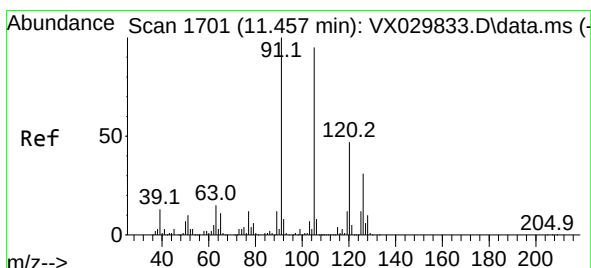
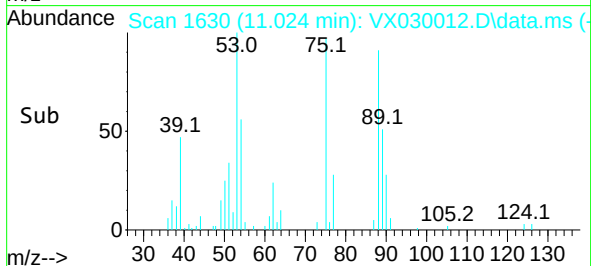
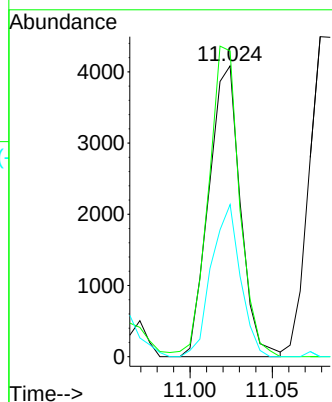
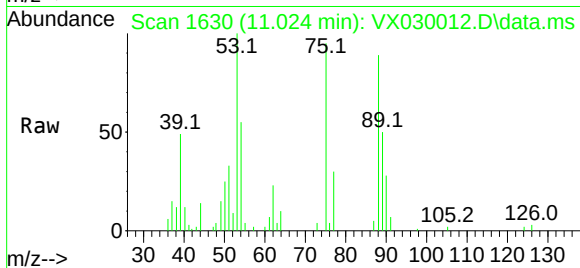
#81
trans-1,4-Dichloro-2-butene
Concen: 4.923 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 5449
Ion Ratio Lower Upper
75 100
53 105.2 74.2 111.4
89 48.0 34.8 52.2

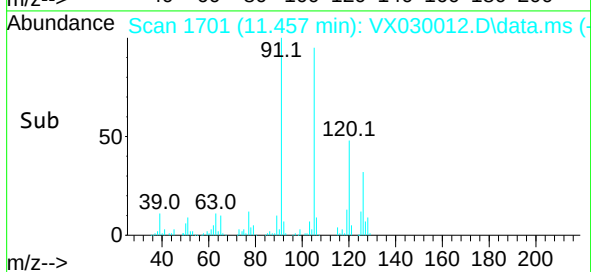
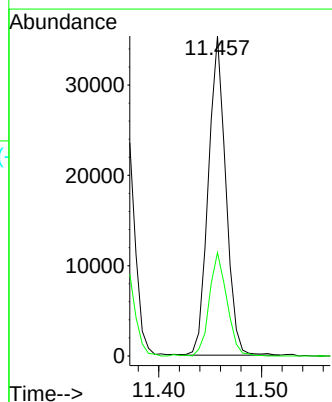
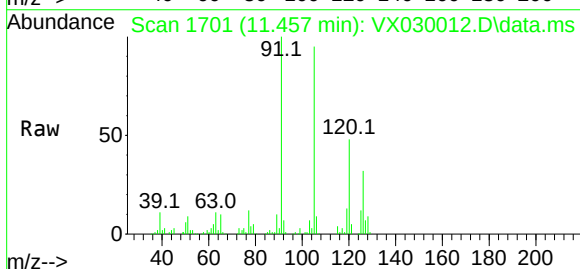
Manual Integrations
APPROVED

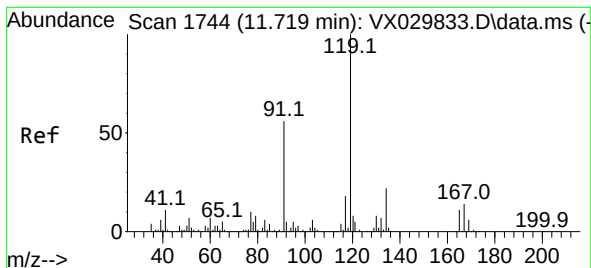
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 4.913 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Tgt Ion: 91 Resp: 41700
Ion Ratio Lower Upper
91 100
126 32.7 15.3 45.9





#83

tert-Butylbenzene

Concen: 4.983 ug/l

RT: 11.719 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

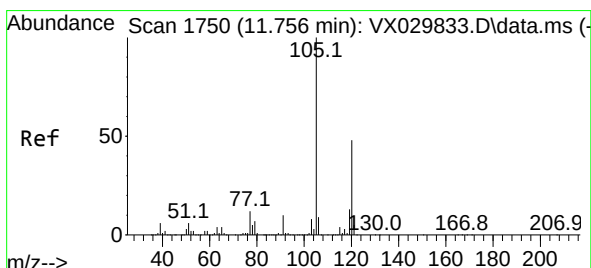
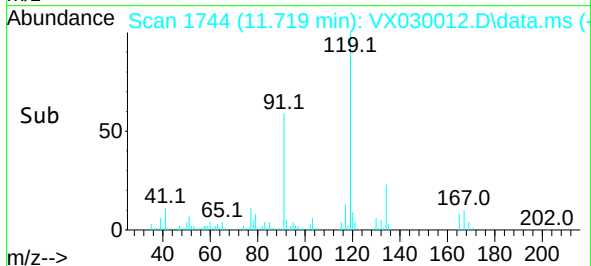
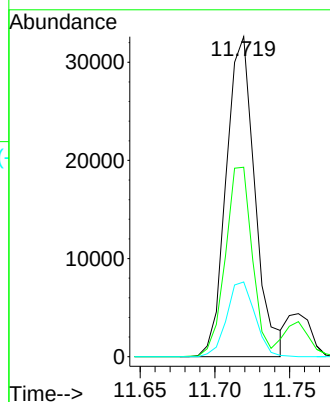
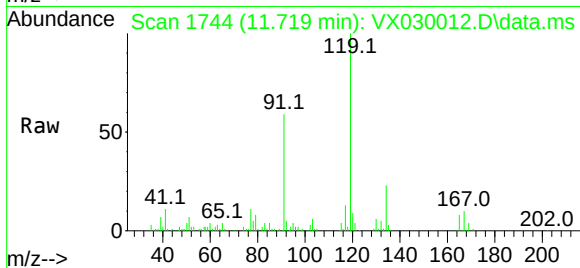
Tgt Ion:	119	Resp:	4356
Ion Ratio	Lower	Upper	
119	100		
91	55.6	28.3	84.9
134	23.0	11.2	33.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#84

1,2,4-Trimethylbenzene

Concen: 4.837 ug/l

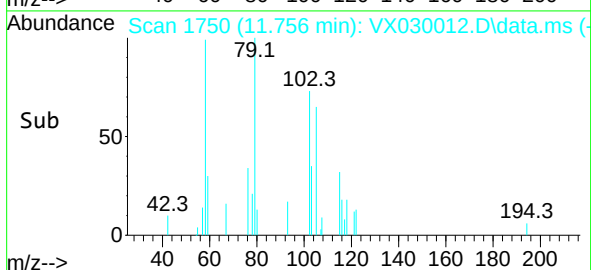
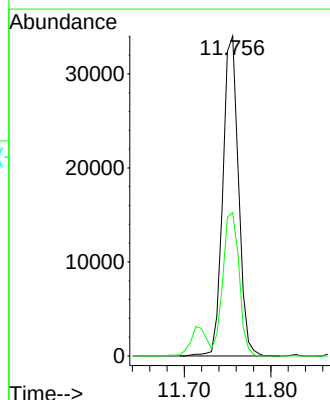
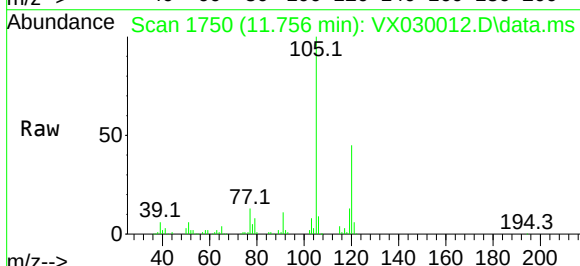
RT: 11.756 min Scan# 1750

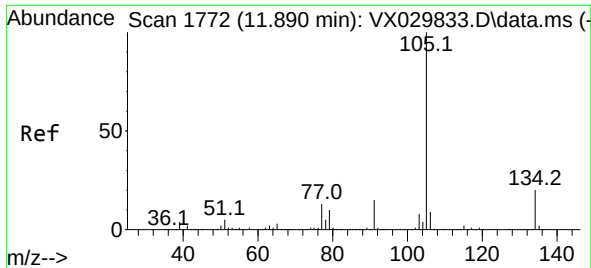
Delta R.T. -0.000 min

Lab File: VX030012.D

Acq: 12 Jul 2022 11:56

Tgt Ion:	105	Resp:	42740
Ion Ratio	Lower	Upper	
105	100		
120	46.6	22.9	68.8





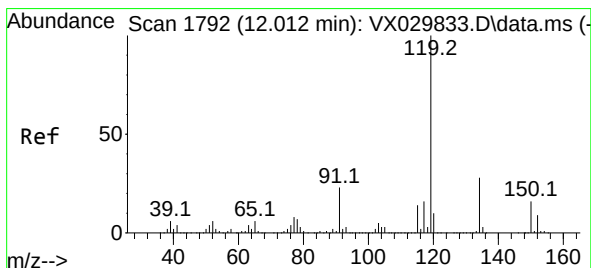
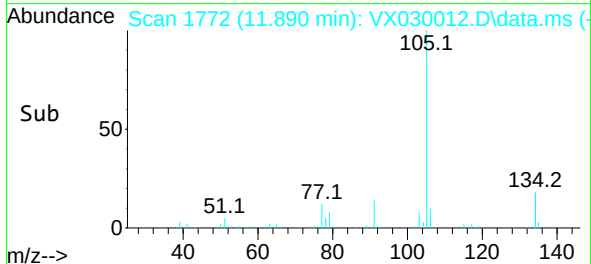
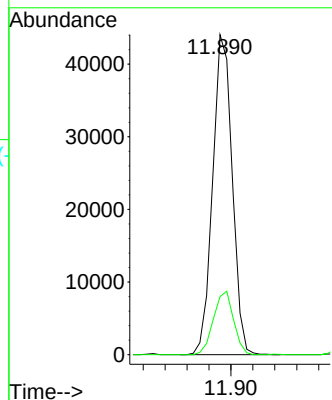
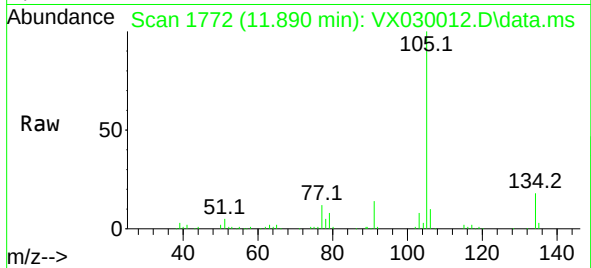
#85
 sec-Butylbenzene
 Concen: 4.949 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX030012.D
 Acq: 12 Jul 2022 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 5452
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

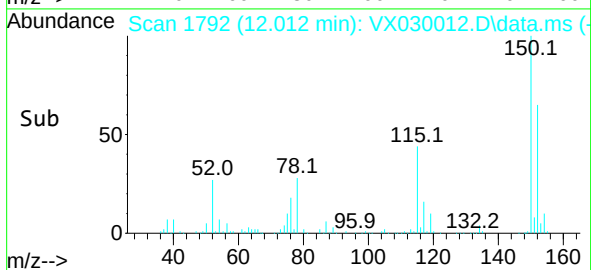
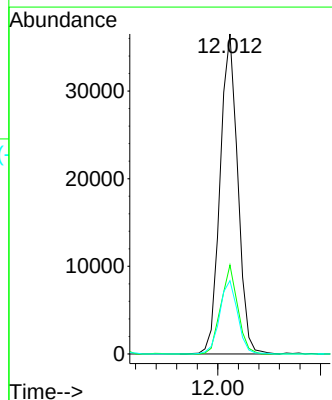
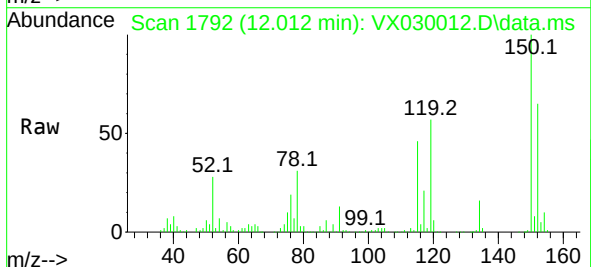
Manual Integrations
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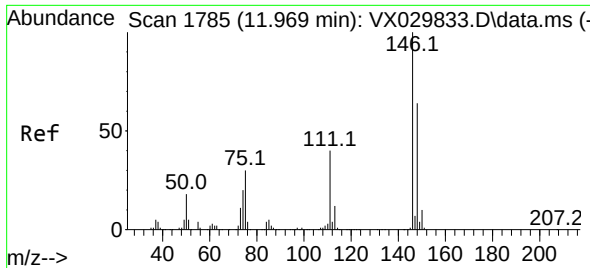
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#86
 p-Isopropyltoluene
 Concen: 4.939 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030012.D
 Acq: 12 Jul 2022 11:56

Tgt Ion:119 Resp: 43422
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.9 41.6
 91 23.4 11.8 35.3





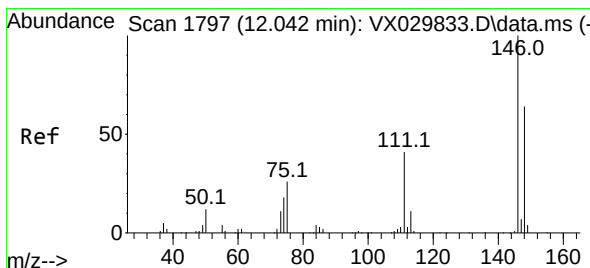
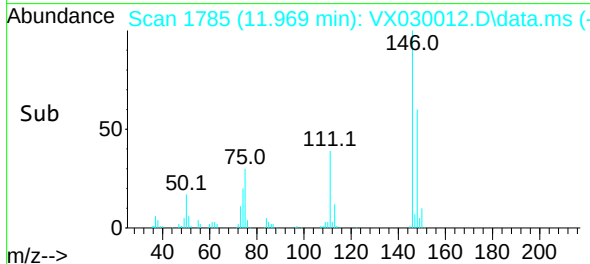
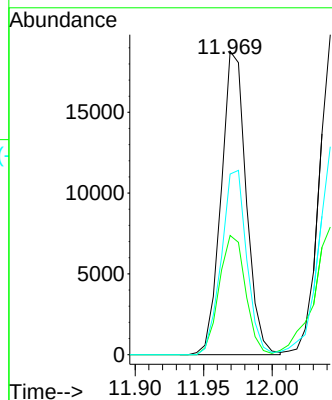
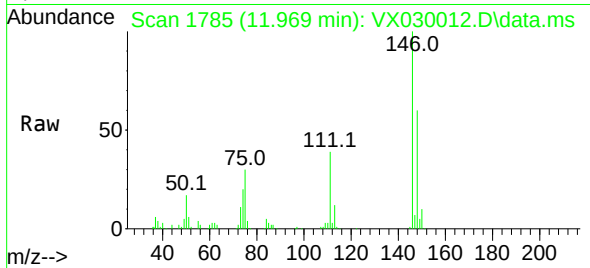
#87
1,3-Dichlorobenzene
Concen: 4.866 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 23878
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.8
148 61.3 31.8 95.3

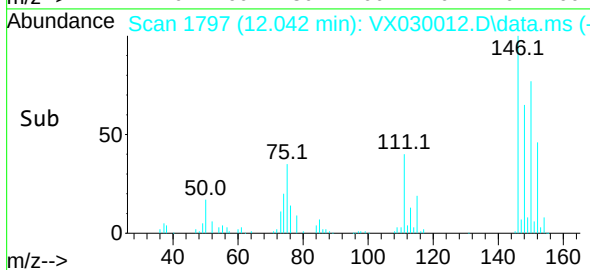
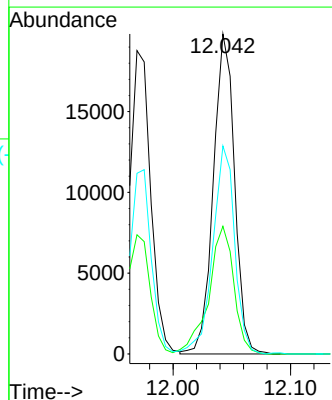
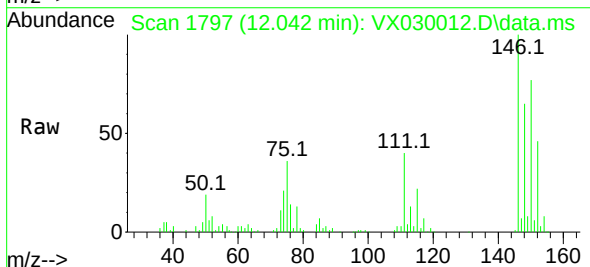
Manual Integrations
APPROVED

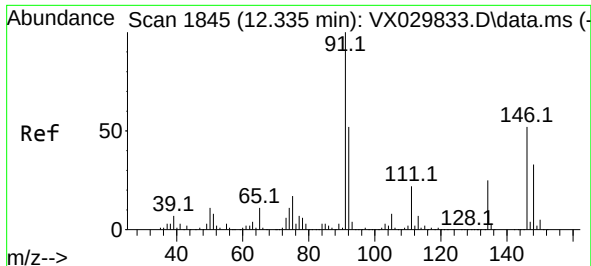
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 4.965 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

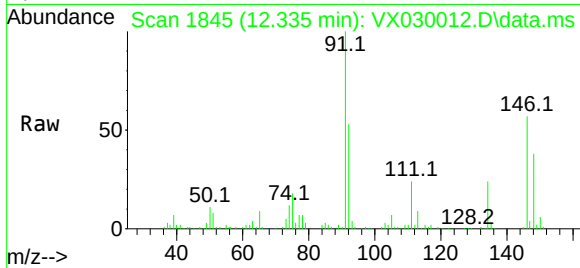
Tgt Ion:146 Resp: 24860
Ion Ratio Lower Upper
146 100
111 47.2 20.3 60.9
148 67.4 32.3 96.8





#89
n-Butylbenzene
Concen: 4.687 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

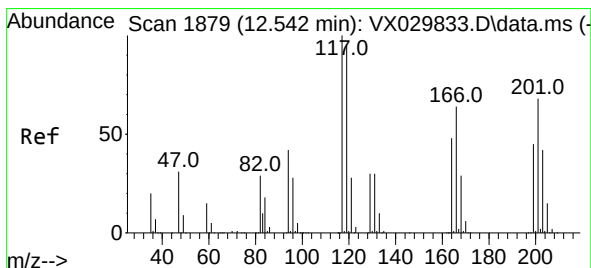
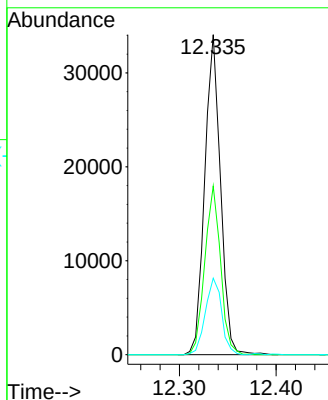
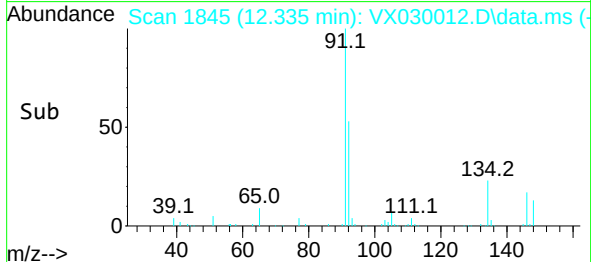
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 38739
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 24.7 12.6 37.8

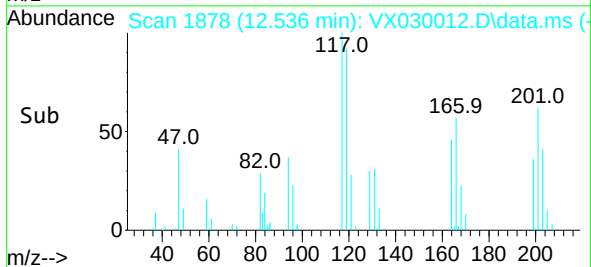
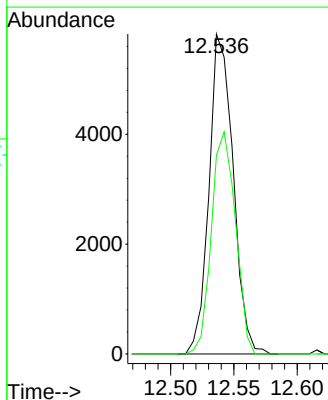
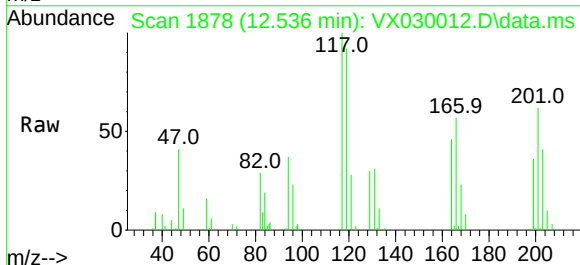
Manual Integrations
APPROVED

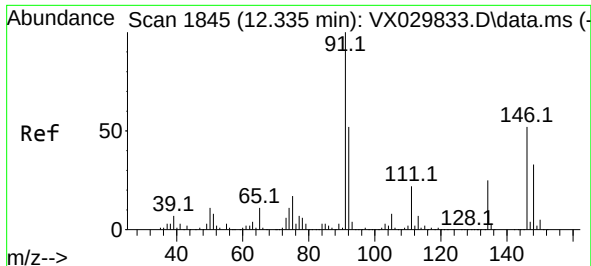
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 5.378 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

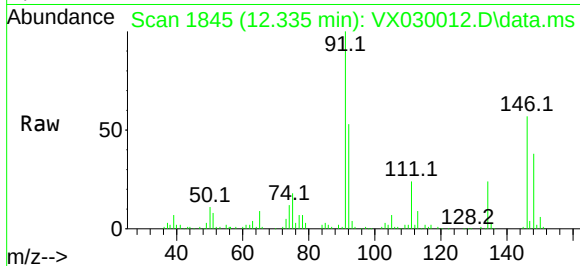
Tgt Ion:117 Resp: 7713
Ion Ratio Lower Upper
117 100
201 69.5 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 5.298 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

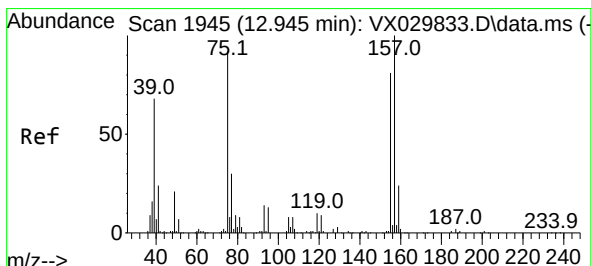
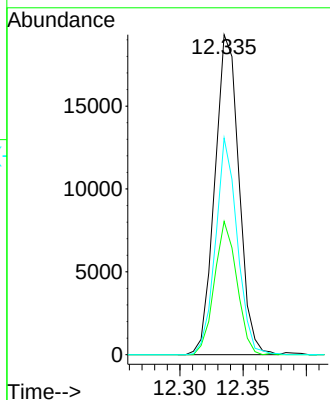
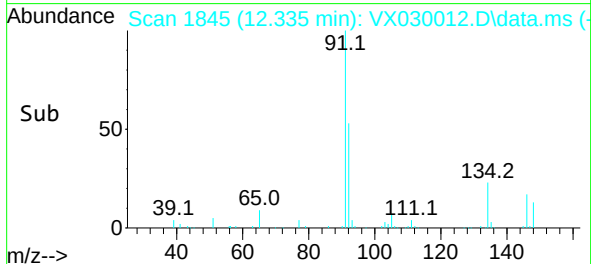
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



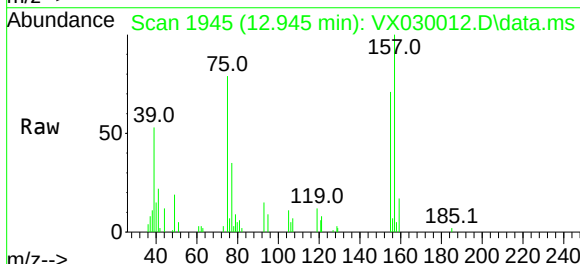
Tgt Ion:146 Resp: 2553
Ion Ratio Lower Upper
146 100
111 38.8 20.7 62.1
148 61.3 32.0 96.2

Manual Integrations
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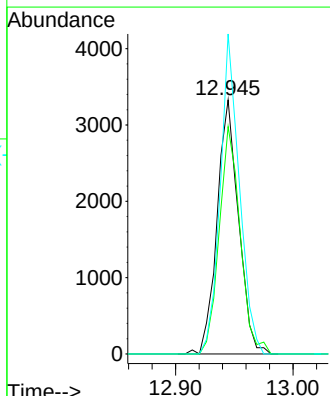
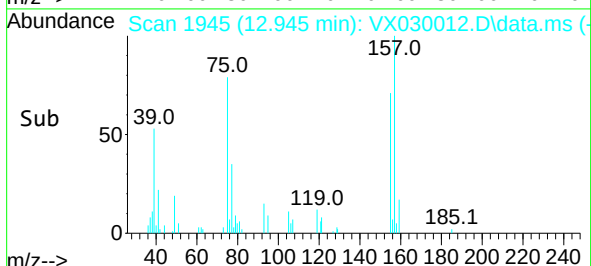
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

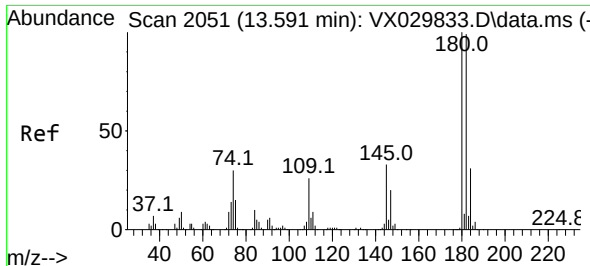


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.819 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



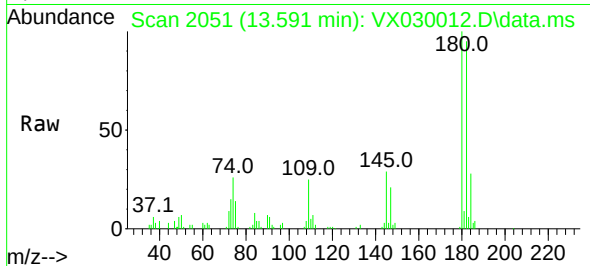
Tgt Ion: 75 Resp: 4212
Ion Ratio Lower Upper
75 100
155 87.3 45.0 134.8
157 113.0 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 4.840 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

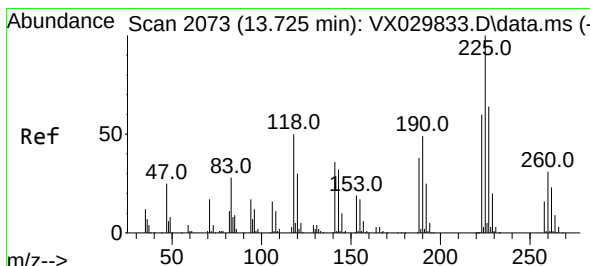
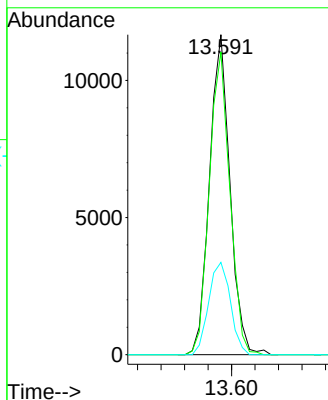
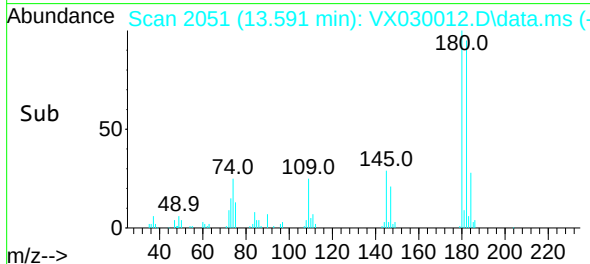
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



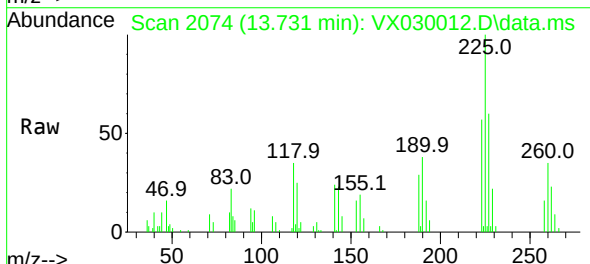
Tgt Ion:180 Resp: 14140
Ion Ratio Lower Upper
180 100
182 94.8 48.2 144.6
145 30.6 15.9 47.6

Manual Integrations
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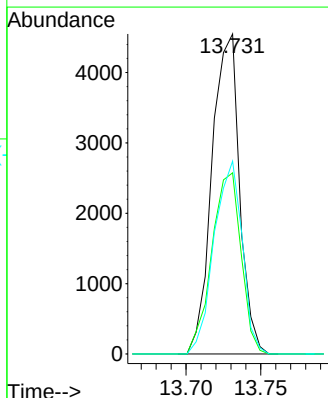
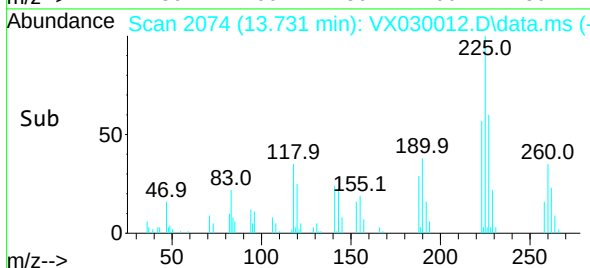
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

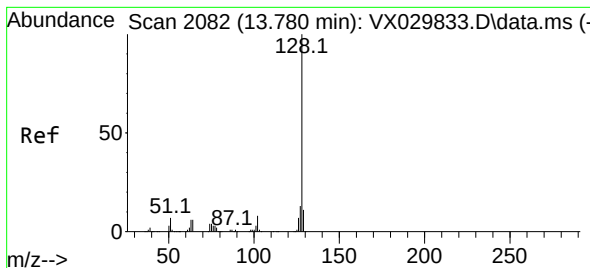


#94
Hexachlorobutadiene
Concen: 5.387 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



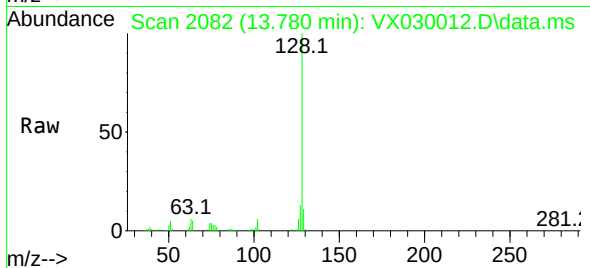
Tgt Ion:225 Resp: 5821
Ion Ratio Lower Upper
225 100
223 60.3 30.6 91.6
227 61.4 31.9 95.9





#95
Naphthalene
Concen: 4.927 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56

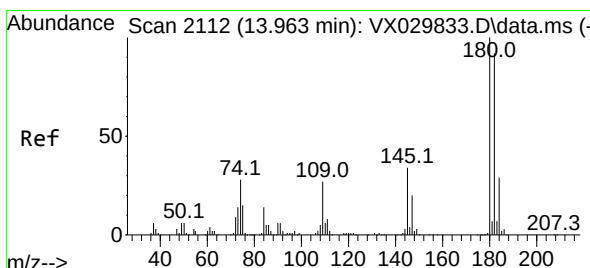
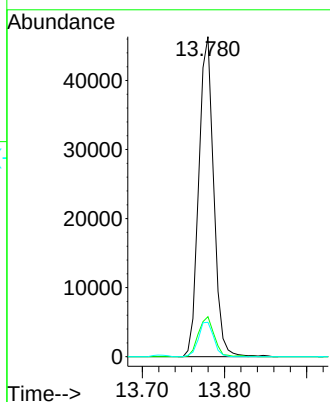
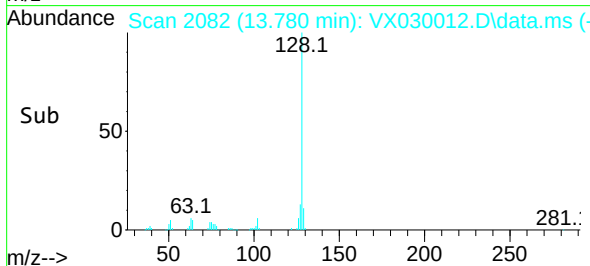
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



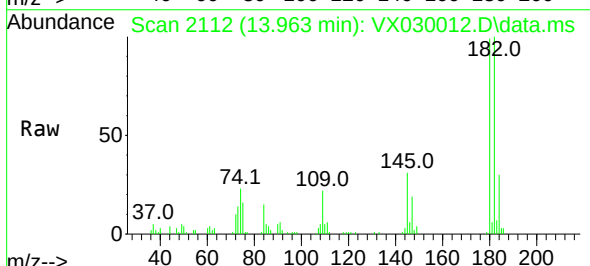
Tgt Ion:128 Resp: 5844
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.212 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030012.D
Acq: 12 Jul 2022 11:56



Tgt Ion:180 Resp: 15588
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 32.2 17.0 50.9

