

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032758.D
 Acq On : 11 Nov 2022 06:00
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 06:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	11125	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77152	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84698	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32422	30.209	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 100.700%		
60) 4-Bromofluorobenzene	11.079	95	48873	30.166	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 100.567%		
63) Toluene-d8	8.647	98	87696	30.680	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 102.267%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	21119	21.449	ug/l	98
3) Chloromethane	1.294	50	21351	21.853	ug/l	100
4) Vinyl Chloride	1.374	62	23539	21.307	ug/l	99
5) Bromomethane	1.611	94	20188	20.583	ug/l	99
6) Chloroethane	1.685	64	19460	22.301	ug/l	88
7) Trichlorofluoromethane	1.886	101	45359	21.299	ug/l	100
8) Diethyl Ether	2.136	74	14574	21.166	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	24091	21.266	ug/l	97
10) 1,1-Dichloroethene	2.319	96	22481	20.772	ug/l	92
11) Methyl Iodide	2.453	142	24436	21.002	ug/l	93
12) Methyl Acetate	2.703	43	33562	20.935	ug/l #	87
13) Acrolein	2.239	56	21879	102.342	ug/l	99
14) Acrylonitrile	3.062	53	61461	106.944	ug/l	99
15) Acetone	2.386	58	16647	111.394	ug/l	72
16) Carbon Disulfide	2.514	76	55671	20.664	ug/l	99
17) Allyl chloride	2.666	41	35199	20.469	ug/l	88
18) Methylene Chloride	2.788	84	26638	21.343	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	25090	21.046	ug/l #	83
20) Diisopropyl ether	3.757	45	79103	20.514	ug/l #	95
21) 1,1-Dichloroethane	3.611	63	45366	20.958	ug/l	94
22) cis-1,2-Dichloroethene	4.489	96	28377	20.386	ug/l	87
23) tert-Butyl Alcohol	2.983	59	24071	128.996	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	80924	20.882	ug/l #	91
25) Chloroform	5.093	83	49941	20.686	ug/l	99
26) Cyclohexane	5.477	56	40010	21.165	ug/l #	82
29) 1,1-Dichloropropene	5.696	75	35699	20.863	ug/l	97
30) 2-Butanone	4.562	43	87208	109.305	ug/l	90
31) 2,2-Dichloropropane	4.477	77	26603	18.179	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	44818	20.823	ug/l	95
33) Carbon Tetrachloride	5.678	117	39982	21.156	ug/l	98
34) Benzene	6.044	78	101659	21.086	ug/l #	96
35) Methacrylonitrile	4.916	41	18640	20.628	ug/l	89
36) 1,2-Dichloroethane	6.092	62	42761	21.545	ug/l #	92
37) Trichloroethene	7.129	130	28549	21.167	ug/l	88
38) Methylcyclohexane	7.379	83	40472	21.110	ug/l	88
39) 1,2-Dichloropropane	7.434	63	25111	20.577	ug/l	99
40) Dibromomethane	7.580	93	19606	21.042	ug/l	97
41) Bromodichloromethane	7.824	83	36529	20.569	ug/l	99
42) Vinyl Acetate	3.721	43	322969	105.349	ug/l #	91

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 ALS Vial : 48 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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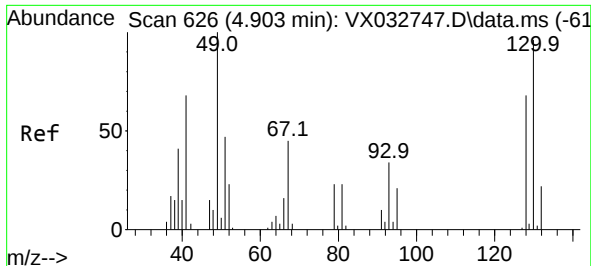
Manual Integrations
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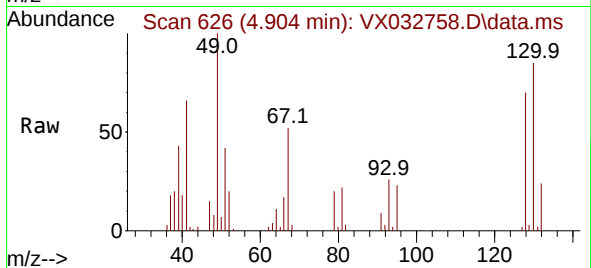
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	33921	21.135	ug/l #	86
44) Isopropyl Acetate	6.342	43	57390	21.338	ug/l	92
45) 1,4-Dioxane	7.696	88	12210	472.625	ug/l #	88
46) Methyl methacrylate	7.696	41	29440	21.743	ug/l	86
47) n-amyl Acetate	10.842	43	50654	21.185	ug/l	95
48) t-1,3-Dichloropropene	8.982	75	35220	19.331	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	38935	20.238	ug/l #	84
50) 1,1,2-Trichloroethane	9.153	97	27392	21.382	ug/l	97
51) Ethyl methacrylate	9.116	69	40239	21.032	ug/l	85
52) 1,3-Dichloropropane	9.311	76	44297	21.150	ug/l	99
53) Dibromochloromethane	9.525	129	28126	20.188	ug/l	100
54) 1,2-Dibromoethane	9.610	107	29294	21.229	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	95077	102.831	ug/l	93
56) Bromoform	10.799	173	20011	20.062	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	179633	108.342	ug/l #	91
59) 2-Hexanone	9.433	43	136705	111.983	ug/l	90
61) Tetrachloroethene	9.275	164	24649	20.824	ug/l	92
62) Toluene	8.720	91	115151	20.905	ug/l	98
64) Chlorobenzene	10.079	112	72642	21.332	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	27489	21.190	ug/l	98
66) Ethyl Benzene	10.195	91	131666	21.308	ug/l	96
67) m/p-Xylenes	10.305	106	100660	41.866	ug/l	89
68) o-Xylene	10.640	106	49293	20.894	ug/l	88
69) Styrene	10.659	104	81078	20.672	ug/l	95
70) Isopropylbenzene	10.963	105	131842	20.927	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	41101	21.513	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	36920m	22.250	ug/l	
73) Bromobenzene	11.201	156	32230	21.059	ug/l	88
74) n-propylbenzene	11.305	91	149670	20.909	ug/l	95
75) 2-Chlorotoluene	11.366	91	92933	21.443	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	112215	21.070	ug/l	95
77) t-1,4-Dichloro-2-butene	11.018	75	9435	18.634	ug/l	91
78) 4-Chlorotoluene	11.457	91	106599	21.353	ug/l	93
79) tert-butylbenzene	11.713	119	109898	21.234	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	112364	21.578	ug/l	93
81) sec-Butylbenzene	11.890	105	133775	21.469	ug/l	95
82) p-Isopropyltoluene	12.012	119	111902	21.310	ug/l	95
83) 1,3-Dichlorobenzene	11.969	146	59179	21.076	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	61127	21.678	ug/l	99
85) n-Butylbenzene	12.335	91	93282	20.959	ug/l	94
86) Hexachloroethane	12.542	117	17126	19.866	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	59790	21.420	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8959	22.103	ug/l #	78
89) 1,2,4-Trichlorobenzene	13.591	180	35429	20.667	ug/l	98
90) Hexachlorobutadiene	13.725	225	14775	21.414	ug/l	97
91) Naphthalene	13.774	128	122342	21.144	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	36535	21.190	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

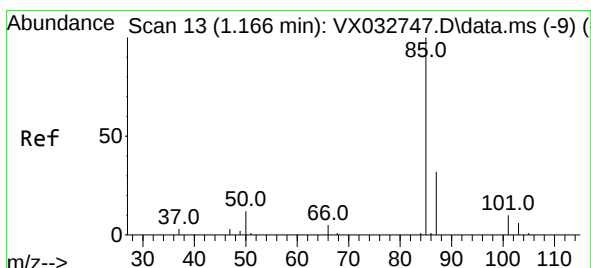
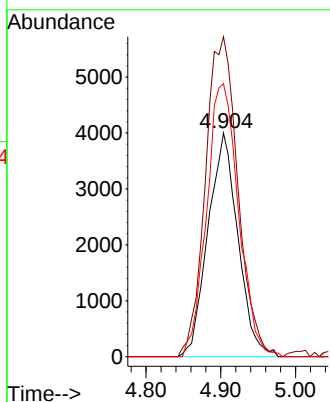
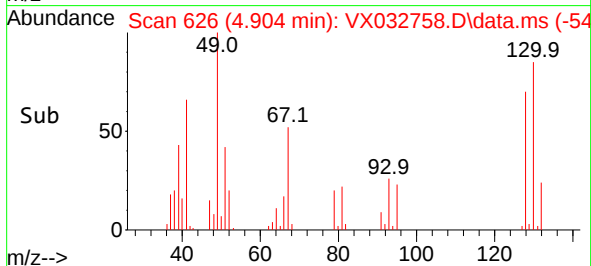
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 1112
Ion Ratio Lower Upper
128 100
49 155.3 0.0 293.0
130 130.7 0.0 321.5

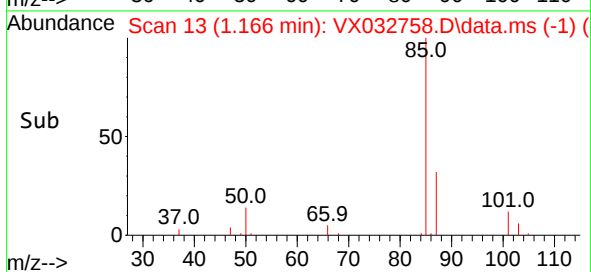
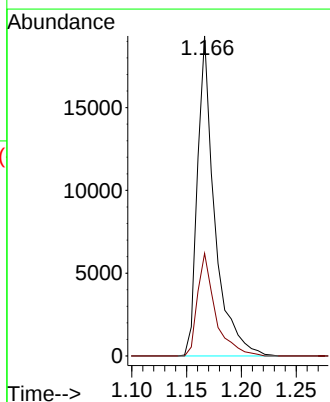
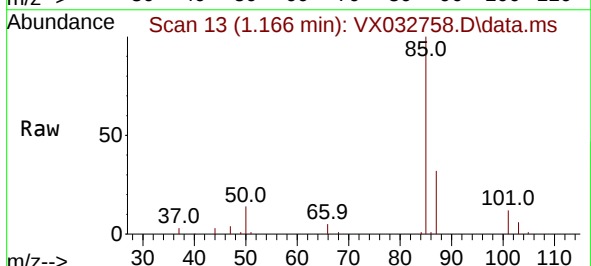
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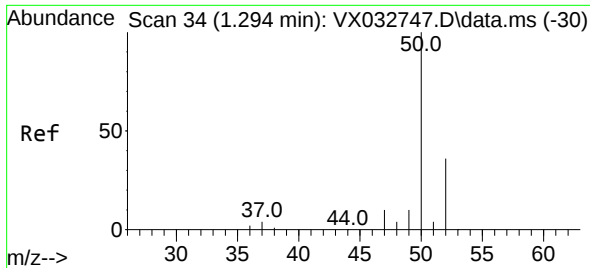
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 21.449 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

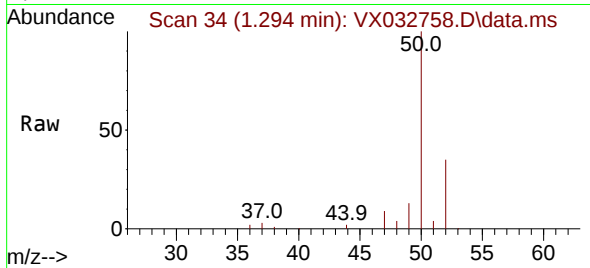
Tgt Ion: 85 Resp: 21119
Ion Ratio Lower Upper
85 100
87 32.0 16.5 49.5





#3
Chloromethane
Concen: 21.853 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

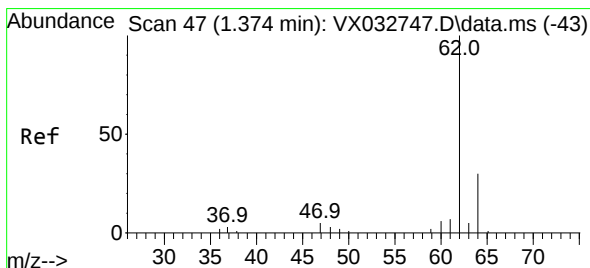
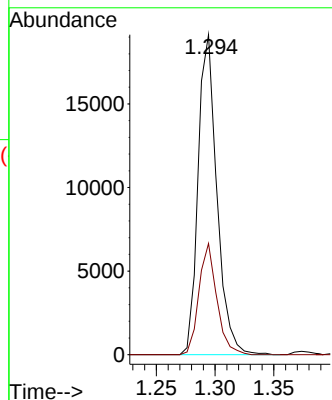
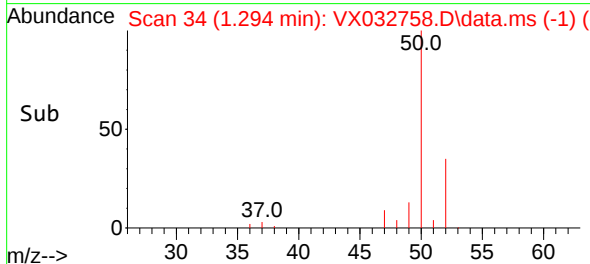
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



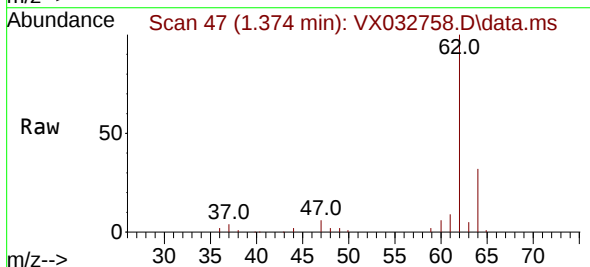
Tgt Ion: 50 Resp: 2135
Ion Ratio Lower Upper
50 100
52 34.7 27.6 41.4

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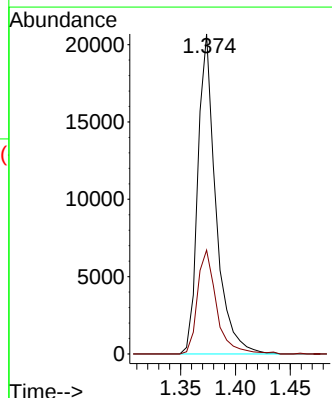
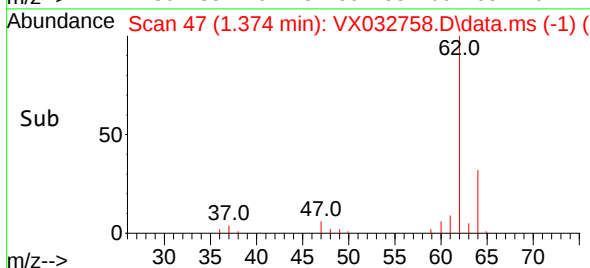
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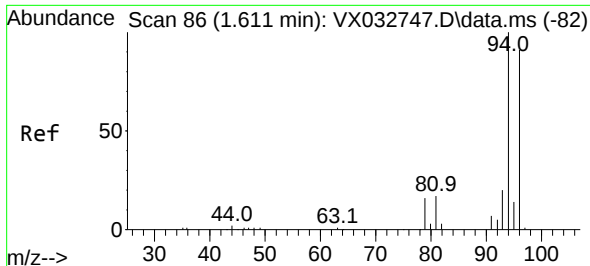


#4
Vinyl Chloride
Concen: 21.307 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion: 62 Resp: 23539
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5





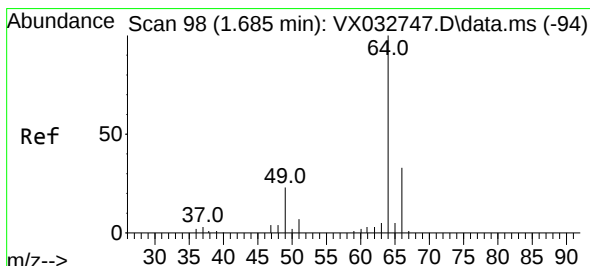
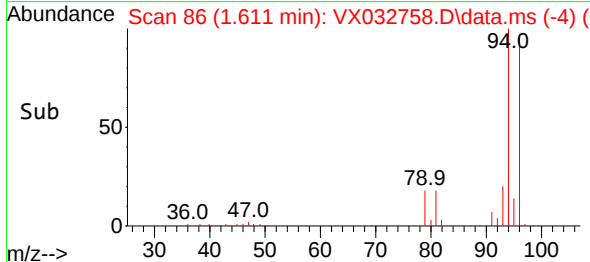
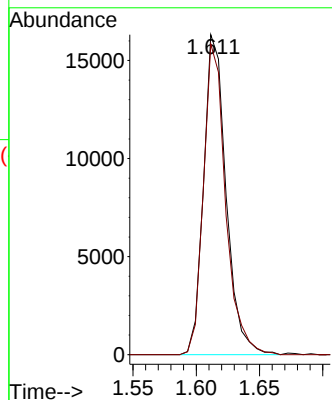
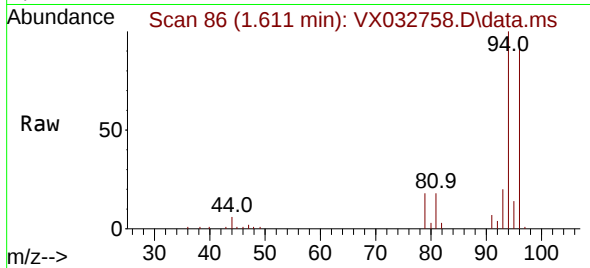
#5
Bromomethane
Concen: 20.583 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 2018
Ion Ratio Lower Upper
94 100
96 97.1 76.8 115.2

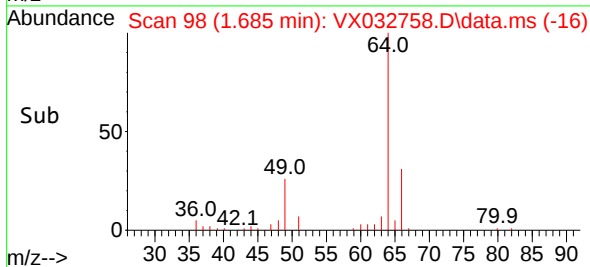
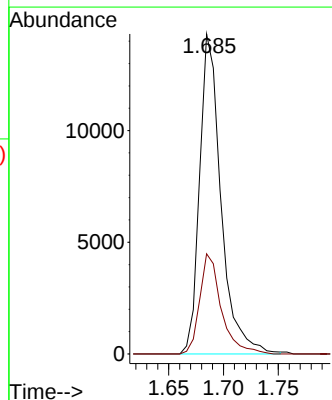
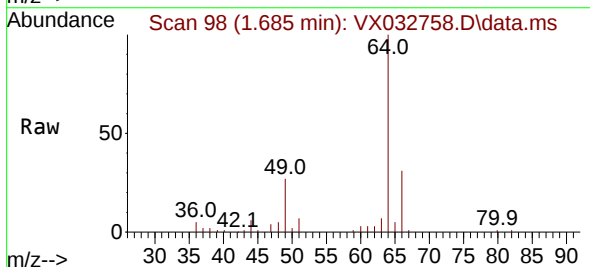
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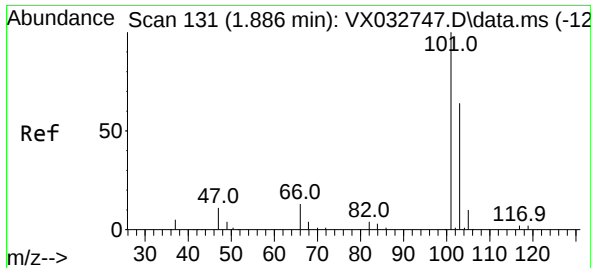
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#6
Chloroethane
Concen: 22.301 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 64 Resp: 19460
Ion Ratio Lower Upper
64 100
66 31.3 30.6 46.0





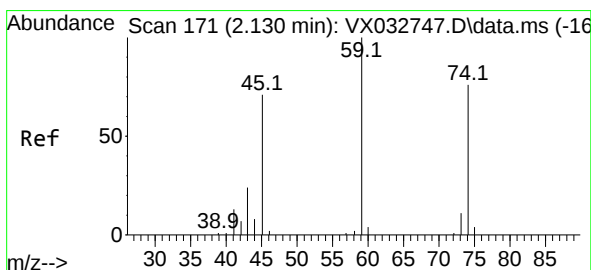
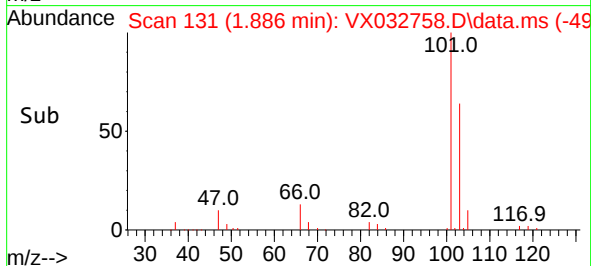
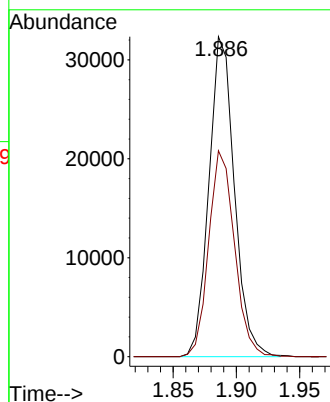
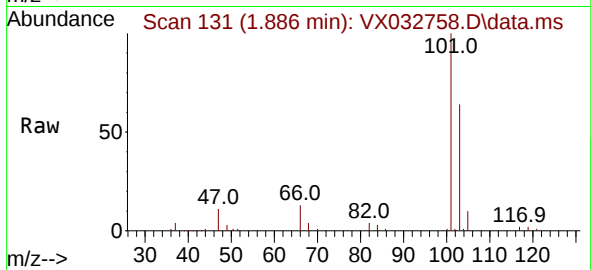
#7
Trichlorofluoromethane
Concen: 21.299 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 45359
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

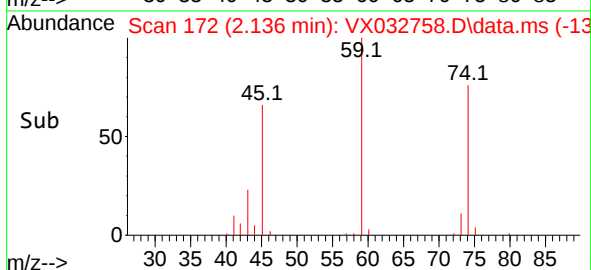
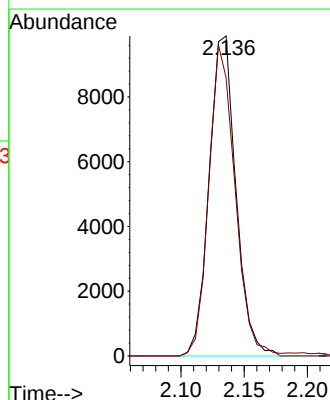
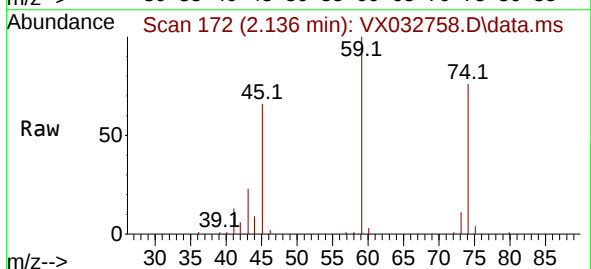
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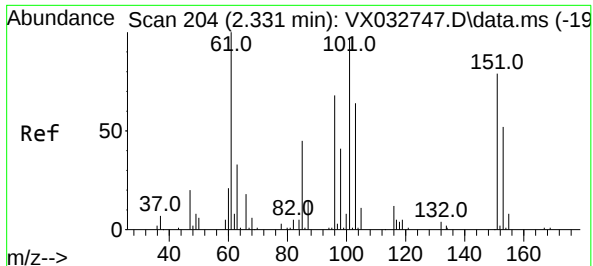
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#8
Diethyl Ether
Concen: 21.166 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 74 Resp: 14574
Ion Ratio Lower Upper
74 100
45 94.9 14.2 127.8





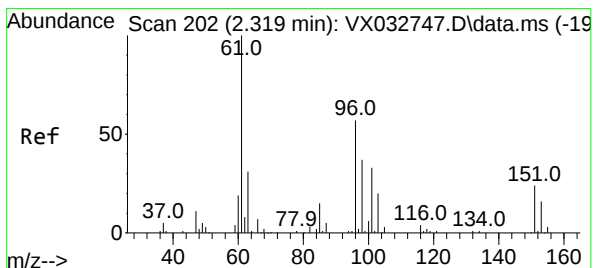
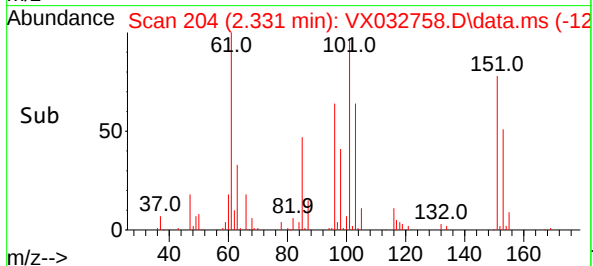
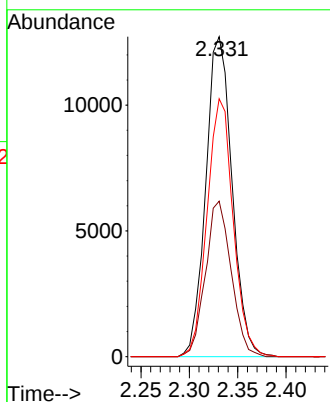
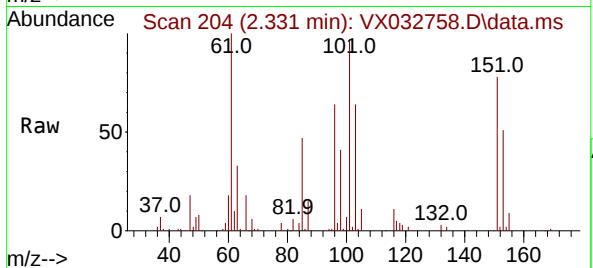
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1,1,2-Trichlorotrifluoroethane
Concen: 21.266 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2409
Ion Ratio Lower Upper
101 100
85 47.6 0.0 88.8
151 80.1 0.0 156.6

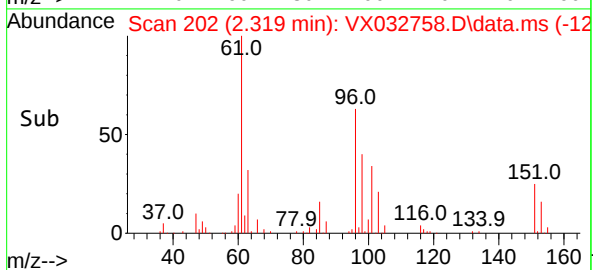
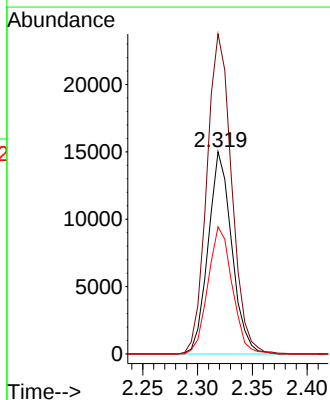
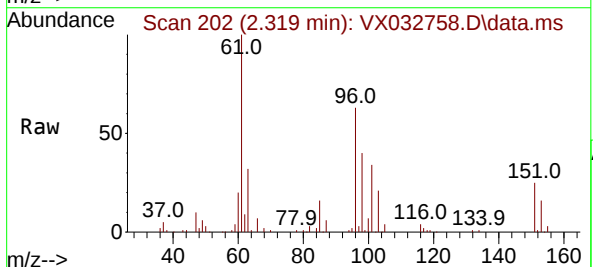
Manual Integrations
APPROVED

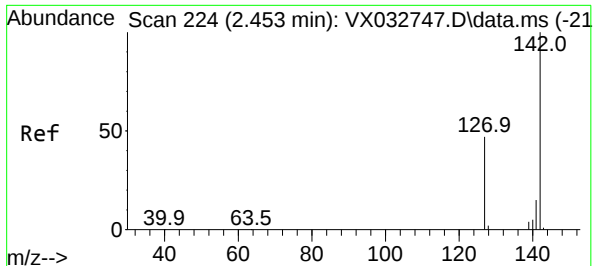
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 20.772 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

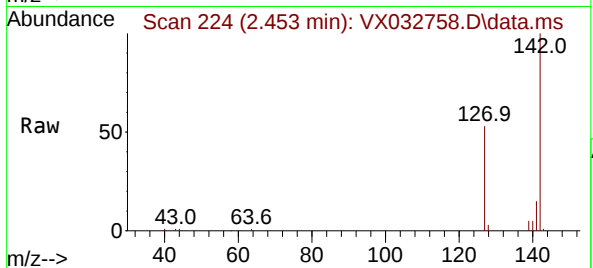
Tgt Ion: 96 Resp: 22481
Ion Ratio Lower Upper
96 100
61 158.2 115.8 173.6
98 62.9 49.7 74.5





#11
Methyl Iodide
Concen: 21.002 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

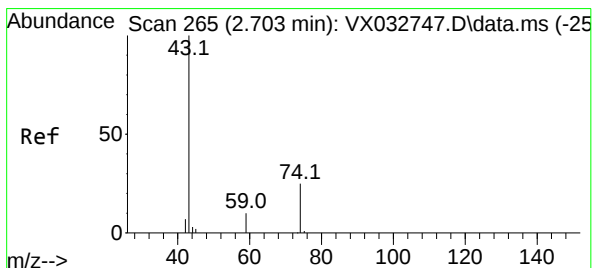
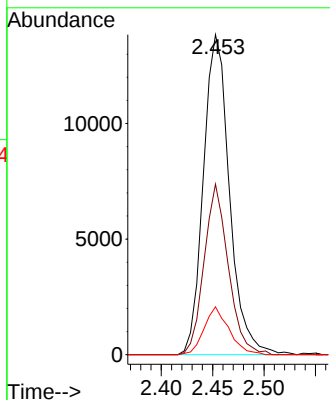
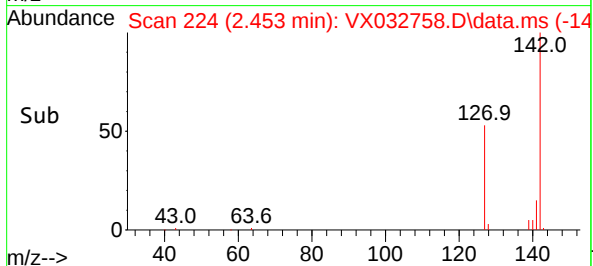
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



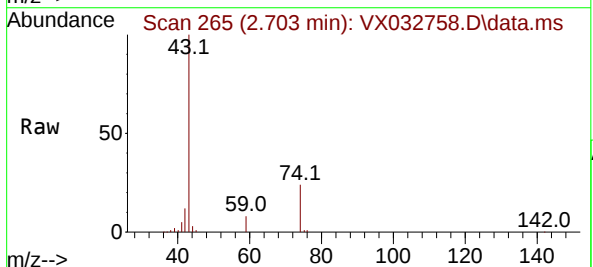
Tgt Ion:142 Resp: 24436
Ion Ratio Lower Upper
142 100
127 53.5 23.8 71.2
141 15.0 7.6 22.8

Manual Integrations
APPROVED

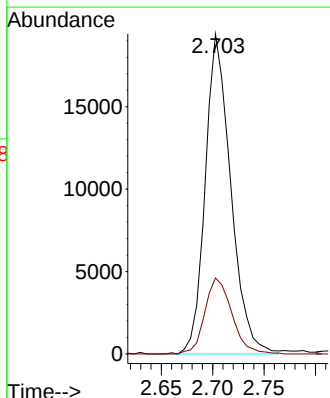
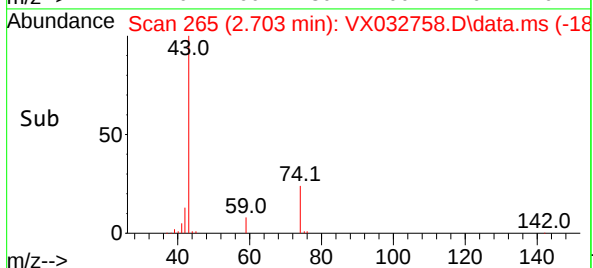
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

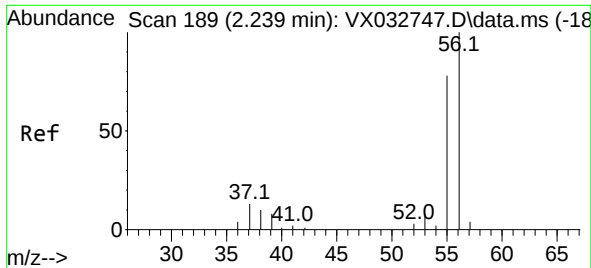


#12
Methyl Acetate
Concen: 20.935 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



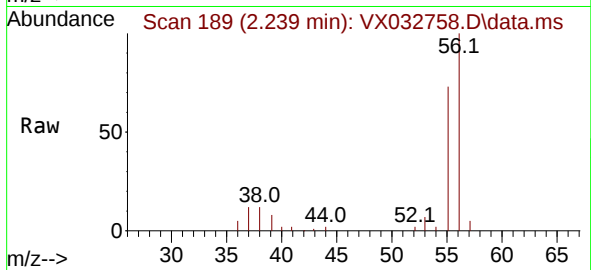
Tgt Ion: 43 Resp: 33562
Ion Ratio Lower Upper
43 100
74 23.7 24.8 37.2#





#13
Acrolein
Concen: 102.342 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

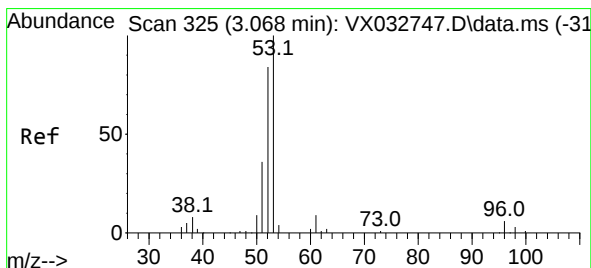
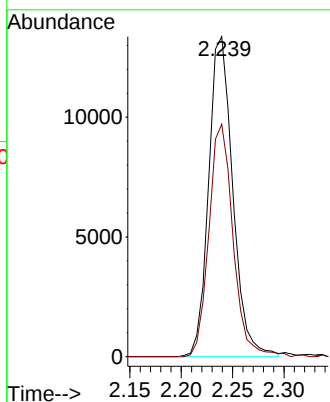
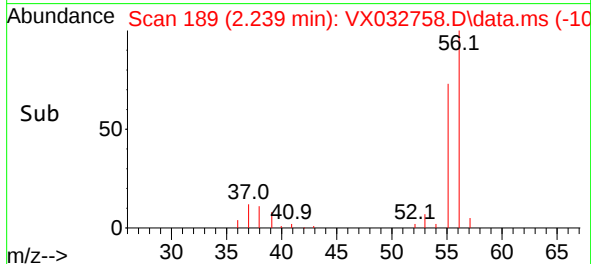
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



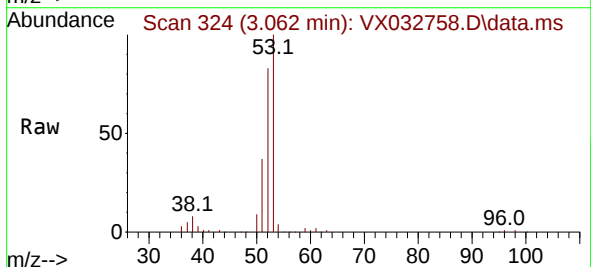
Tgt Ion: 56 Resp: 21879
Ion Ratio Lower Upper
56 100
55 72.3 58.4 87.6

Manual Integrations
APPROVED

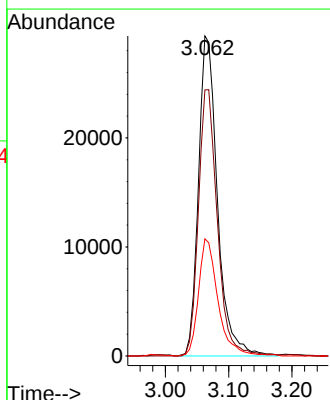
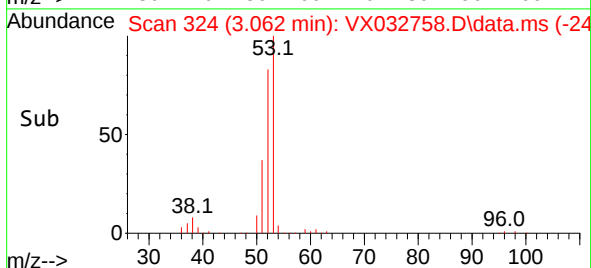
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

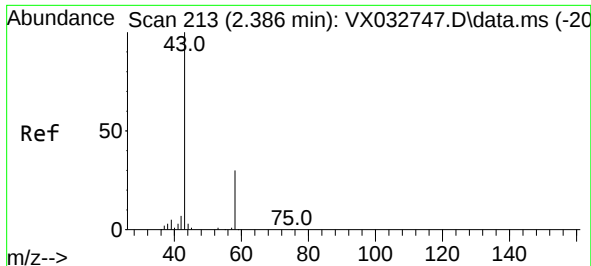


#14
Acrylonitrile
Concen: 106.944 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



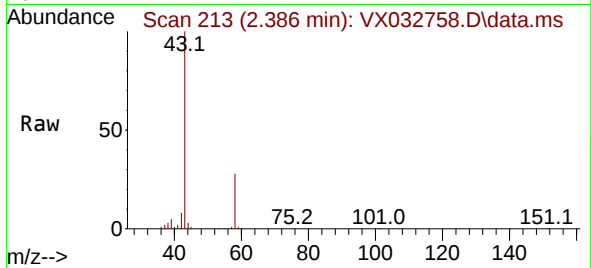
Tgt Ion: 53 Resp: 61461
Ion Ratio Lower Upper
53 100
52 83.2 41.5 124.5
51 37.4 18.3 54.9





#15
Acetone
Concen: 111.394 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

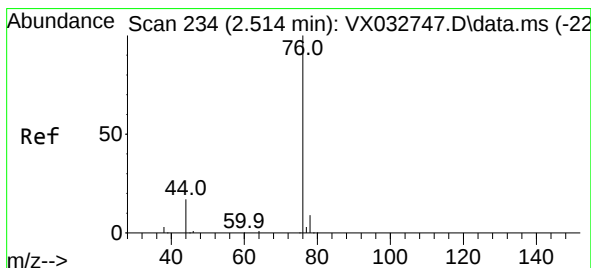
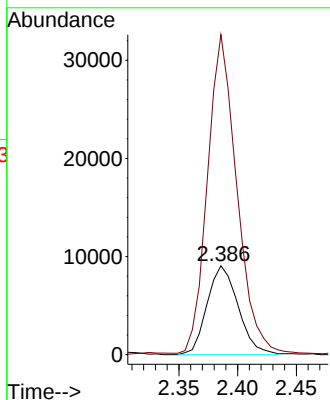
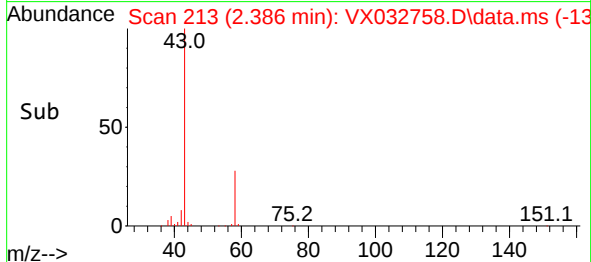
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 1664
Ion Ratio Lower Upper
58 100
43 358.3 242.6 364.0

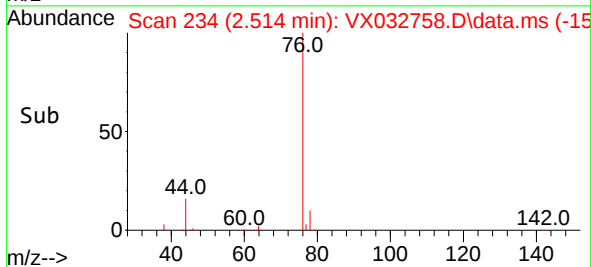
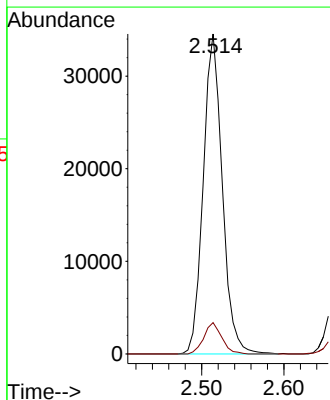
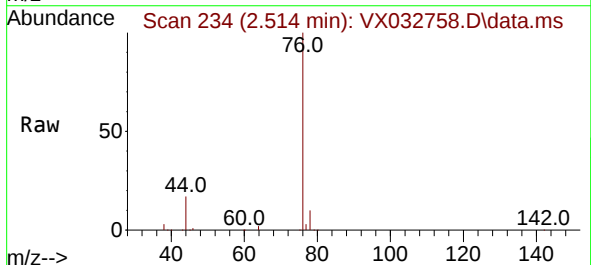
Manual Integrations
APPROVED

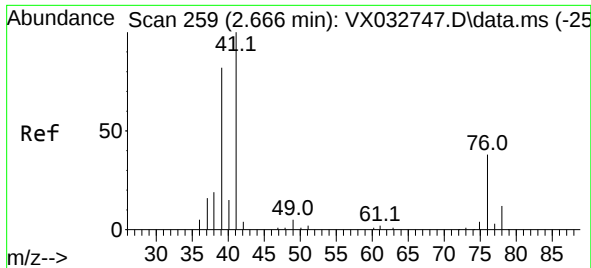
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 20.664 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 76 Resp: 55671
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3





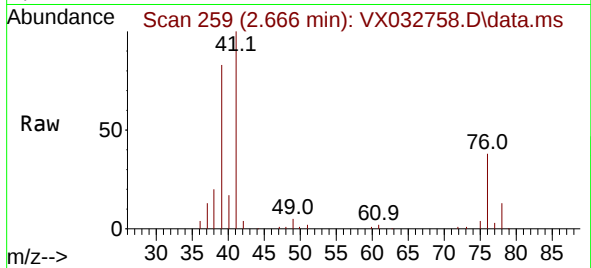
#17
 Allyl chloride
 Concen: 20.469 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX032758.D
 Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

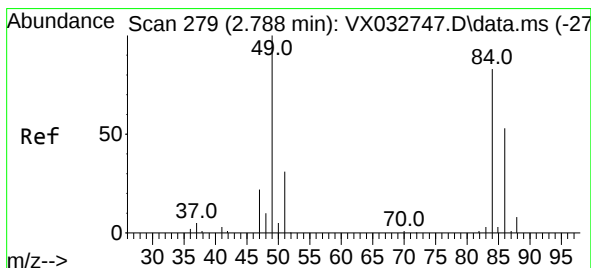
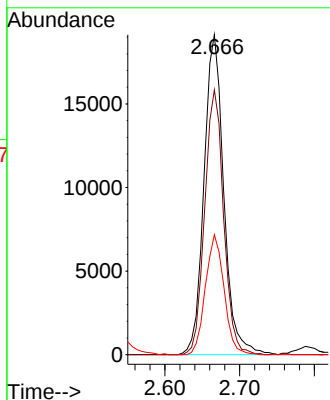
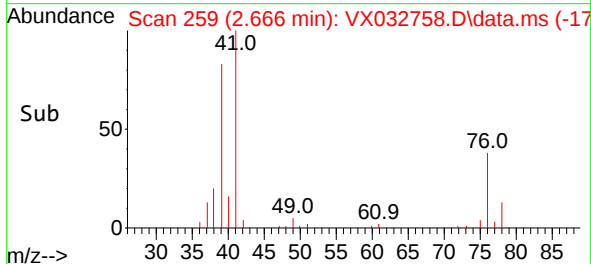


Tgt Ion: 41 Resp: 35199
 Ion Ratio Lower Upper
 41 100
 39 82.7 37.0 111.0
 76 37.5 23.8 71.5

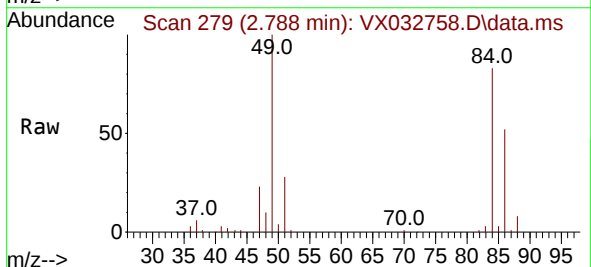
Manual Integrations

APPROVED

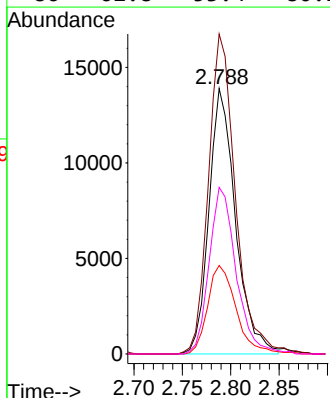
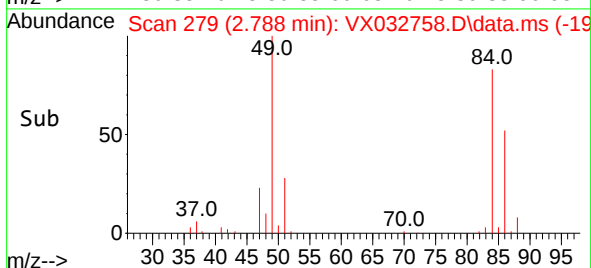
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

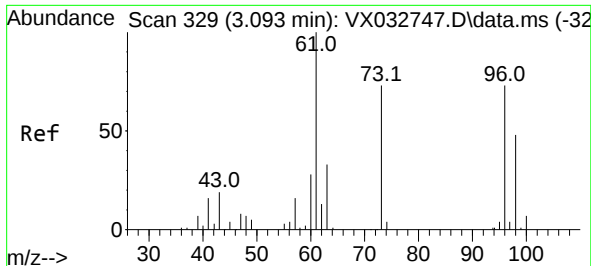


#18
 Methylene Chloride
 Concen: 21.343 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX032758.D
 Acq: 11 Nov 2022 06:00



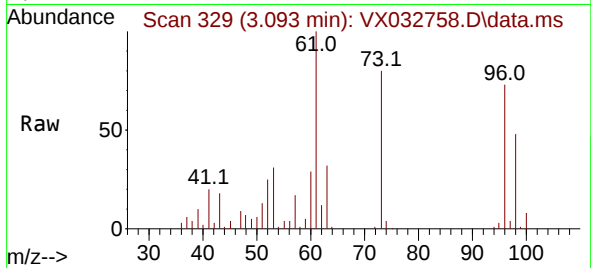
Tgt Ion: 84 Resp: 26638
 Ion Ratio Lower Upper
 84 100
 49 120.5 84.6 127.0
 51 33.3 26.5 39.7
 86 62.8 53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 21.046 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

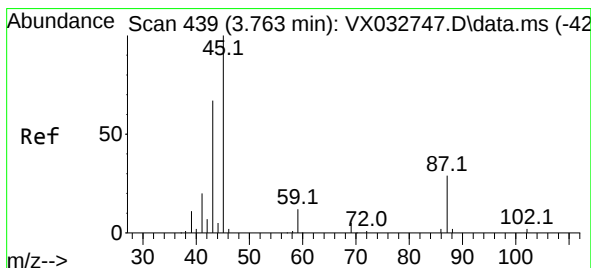
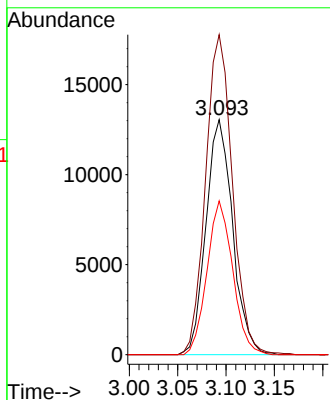
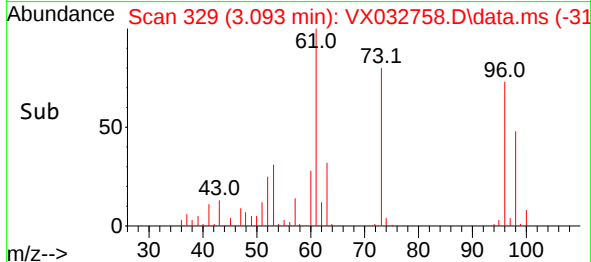
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



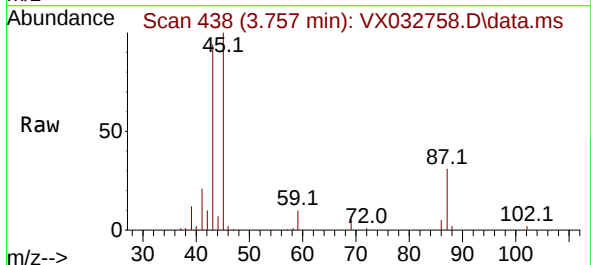
Tgt Ion: 96 Resp: 25090
Ion Ratio Lower Upper
96 100
61 136.2 87.4 131.0
98 65.5 51.5 77.3

Manual Integrations
APPROVED

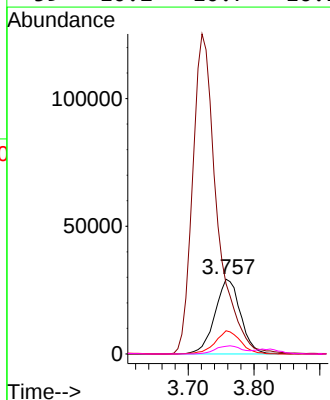
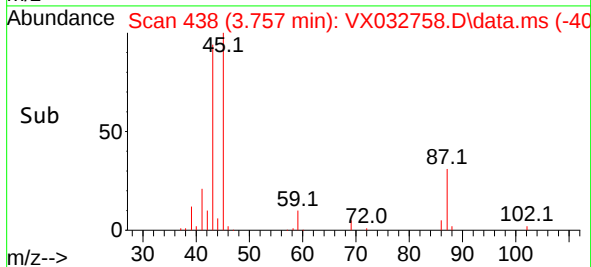
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

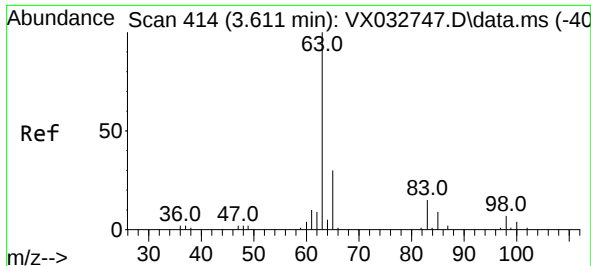


#20
Diisopropyl ether
Concen: 20.514 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion: 45 Resp: 79103
Ion Ratio Lower Upper
45 100
43 91.8 74.5 111.7
87 31.0 30.4 45.6
59 10.2 10.7 16.1





#21

1,1-Dichloroethane

Concen: 20.958 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4536

Ion Ratio Lower Upper

63 100

98 6.5 4.5 13.7

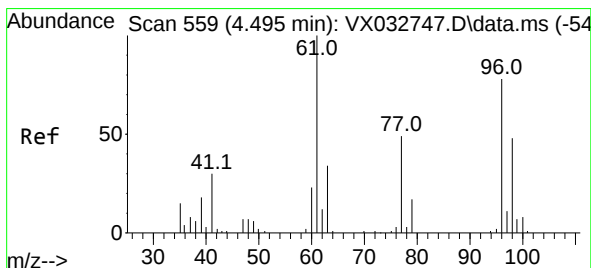
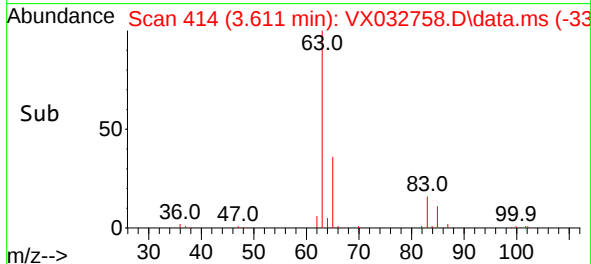
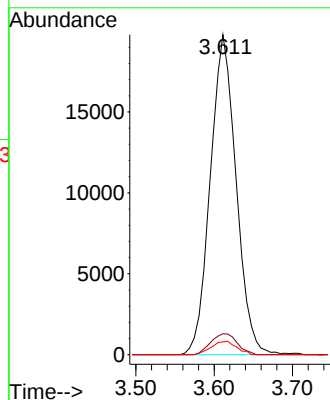
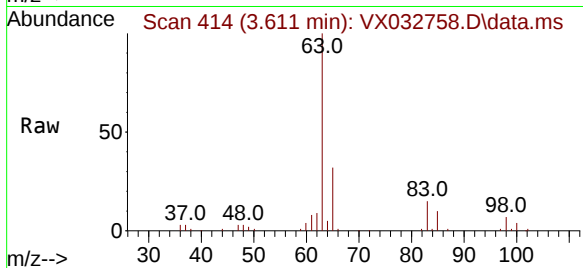
100 4.0 2.8 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#22

cis-1,2-Dichloroethene

Concen: 20.386 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

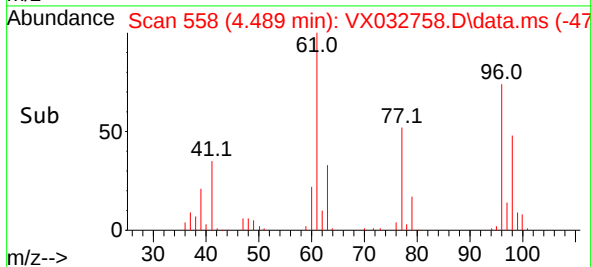
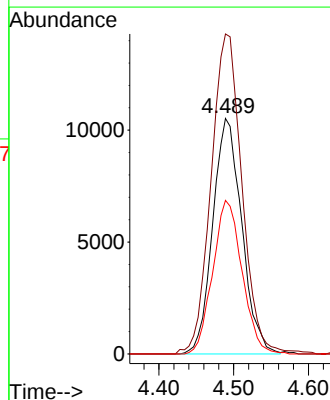
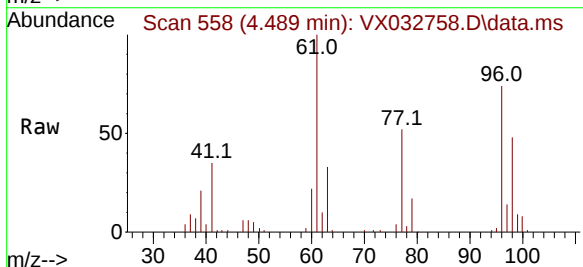
Tgt Ion: 96 Resp: 28377

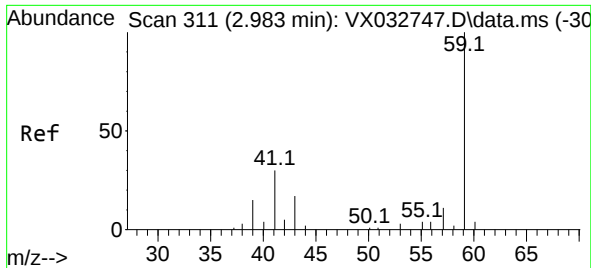
Ion Ratio Lower Upper

96 100

61 144.7 98.0 147.0

98 65.8 52.2 78.4





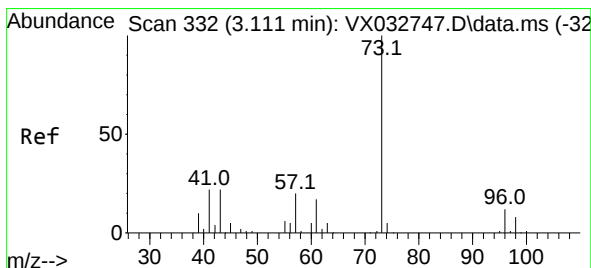
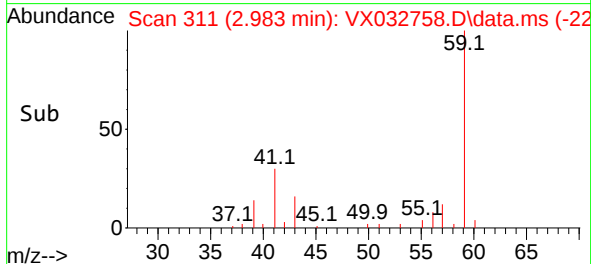
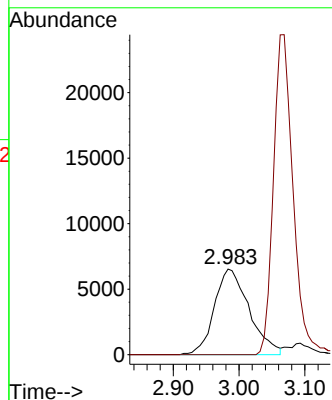
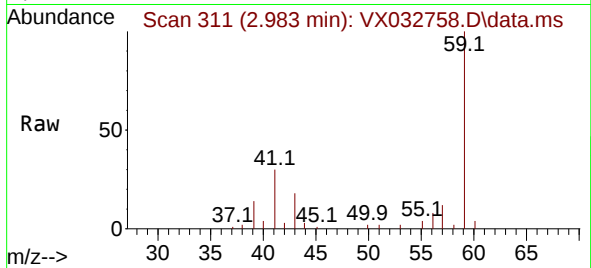
#23
tert-Butyl Alcohol
Concen: 128.996 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 2407
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

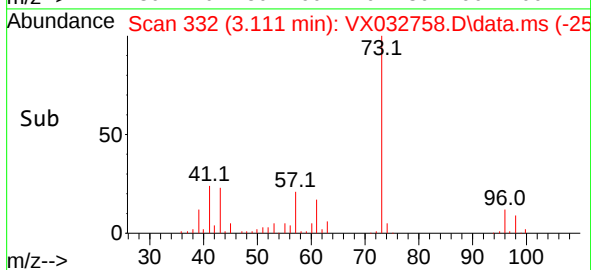
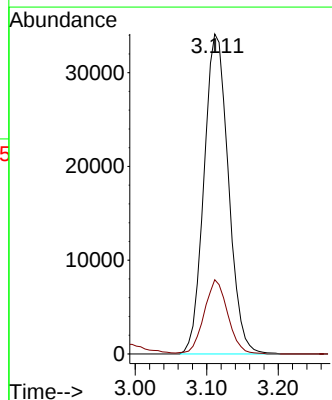
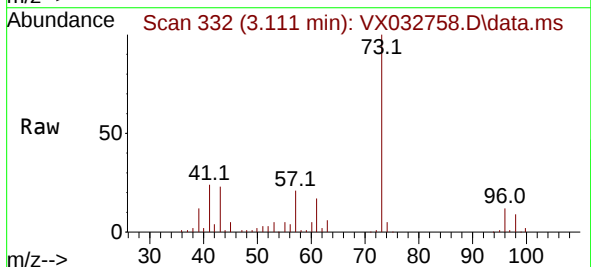
Manual Integrations
APPROVED

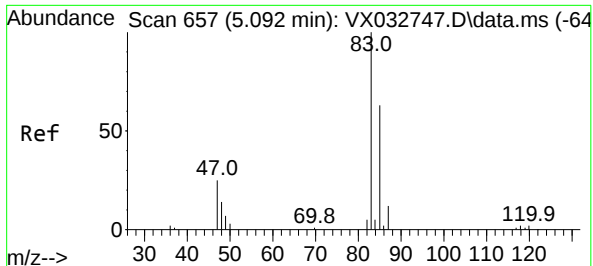
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 20.882 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 73 Resp: 80924
Ion Ratio Lower Upper
73 100
43 22.5 14.8 22.2#





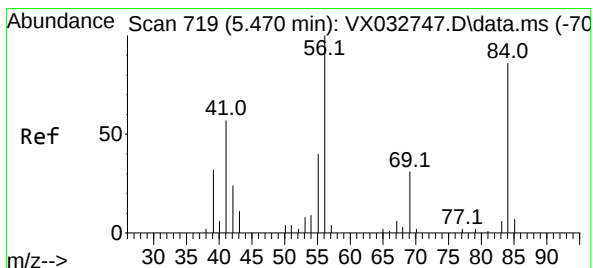
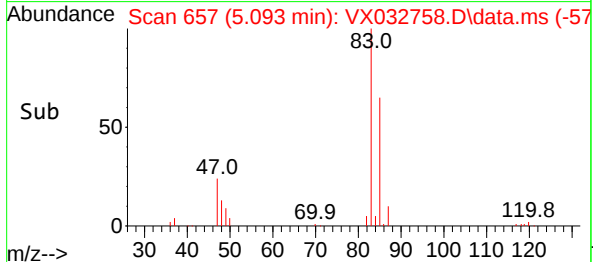
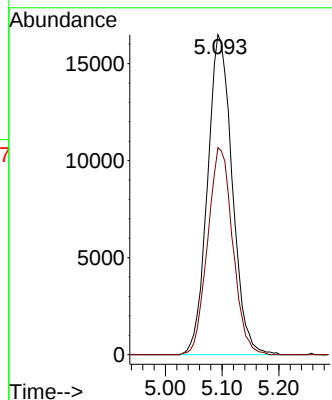
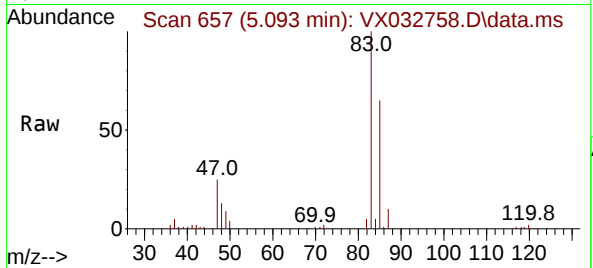
#25
Chloroform
Concen: 20.686 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4994
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0

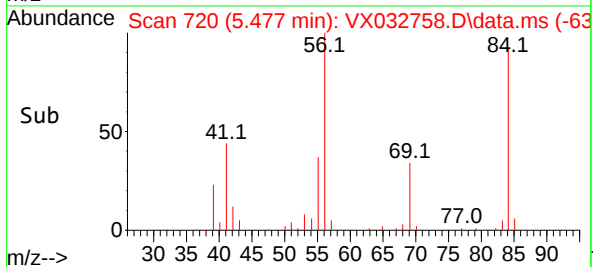
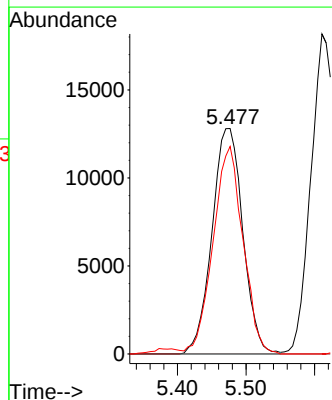
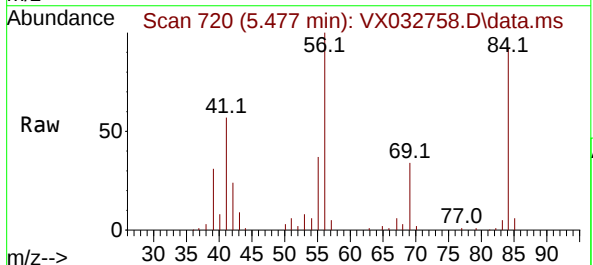
Manual Integrations
APPROVED

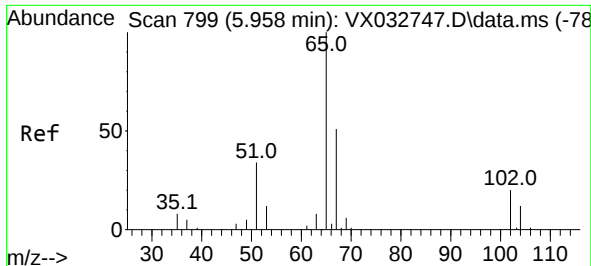
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 21.165 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 56 Resp: 40010
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.3 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 30.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 3242

Ion Ratio Lower Upper

65 100

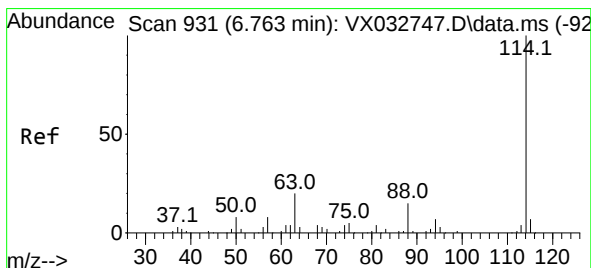
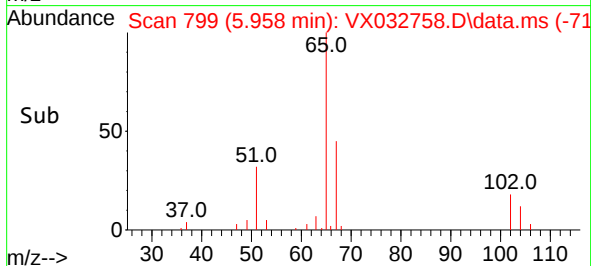
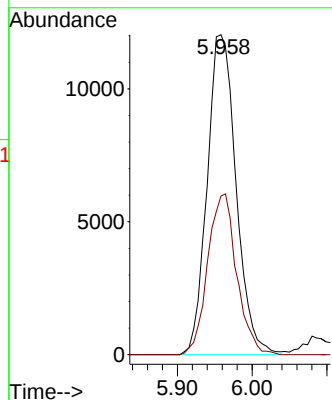
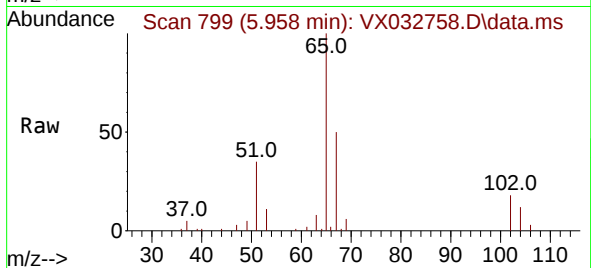
67 49.8 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

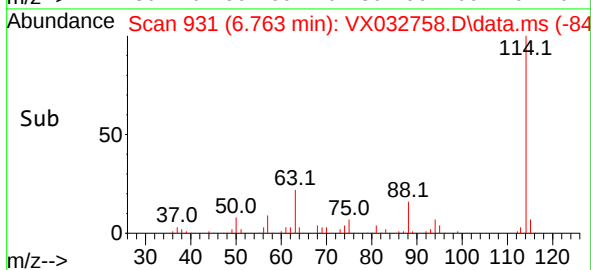
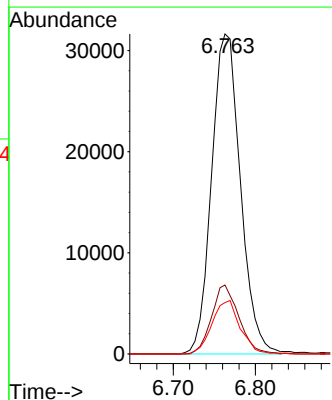
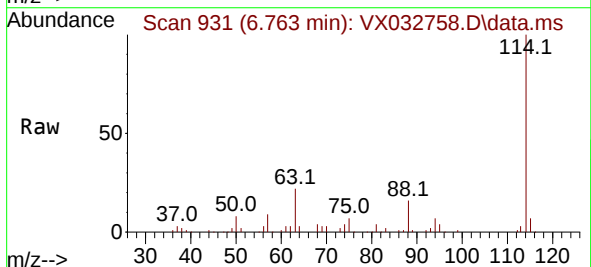
Tgt Ion:114 Resp: 77152

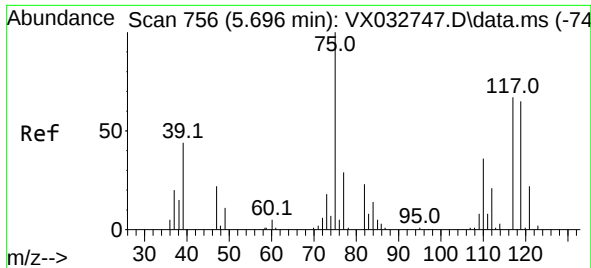
Ion Ratio Lower Upper

114 100

63 20.3 13.6 20.4

88 16.2 11.8 17.6





#29
1,1-Dichloropropene
Concen: 20.863 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

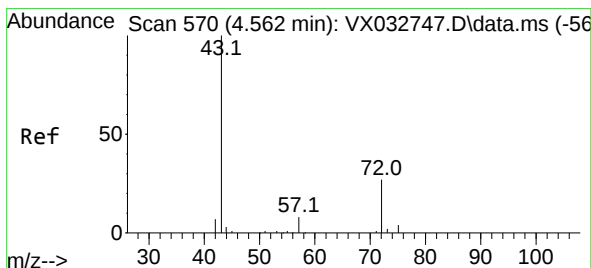
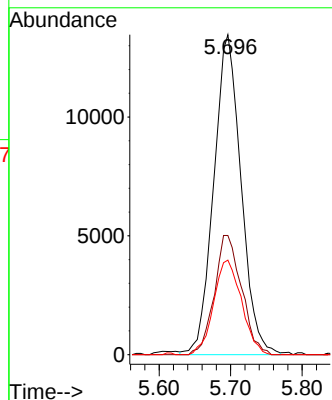
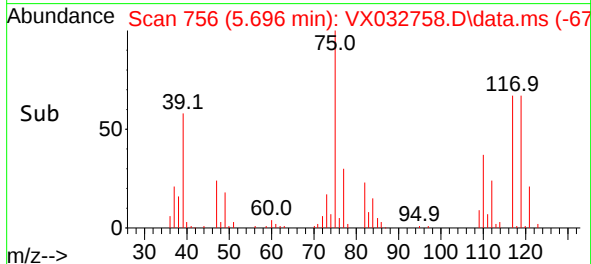
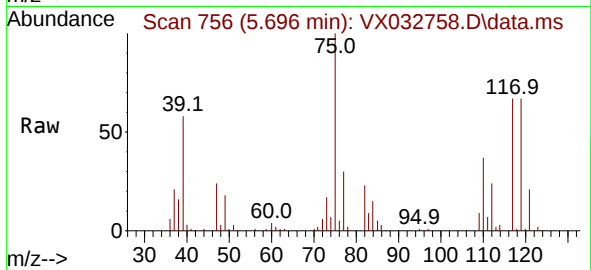
VSTDCCC020EC

Tgt Ion: 75 Resp: 35698
Ion Ratio Lower Upper
75 100
110 37.1 0.0 80.4
77 30.2 0.0 62.0

Manual Integrations

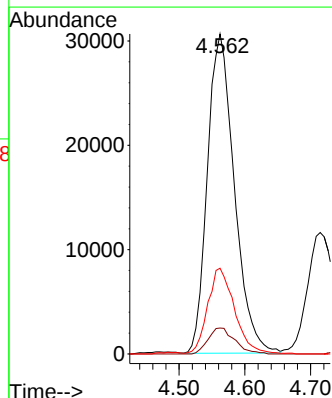
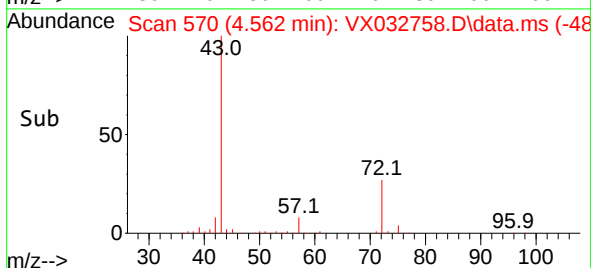
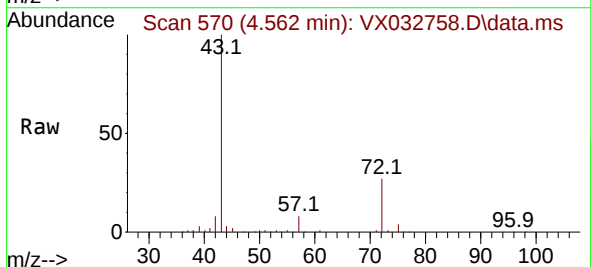
APPROVED

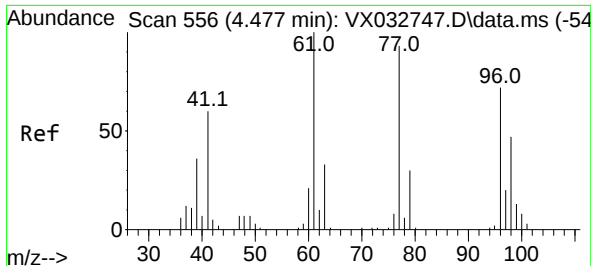
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#30
2-Butanone
Concen: 109.305 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 43 Resp: 87208
Ion Ratio Lower Upper
43 100
57 8.0 7.5 11.3
72 26.8 26.6 39.8





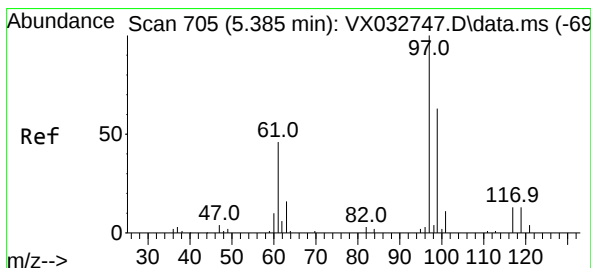
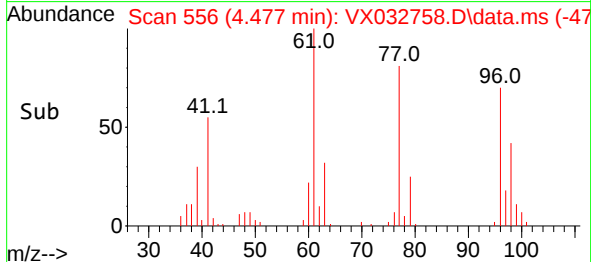
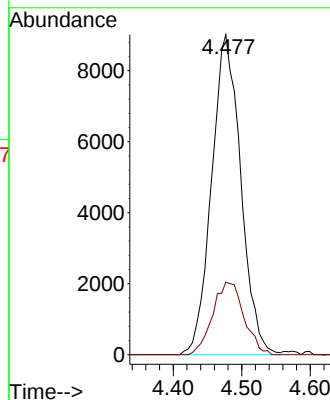
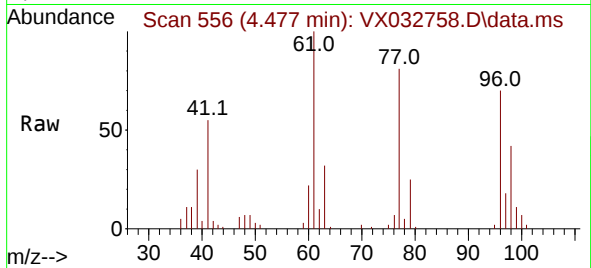
#31
2,2-Dichloropropane
Concen: 18.179 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 2660
Ion Ratio Lower Upper
77 100
97 24.3 20.0 30.0

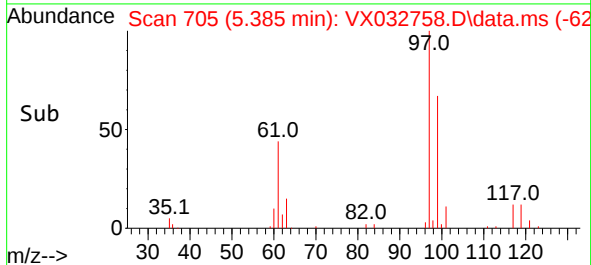
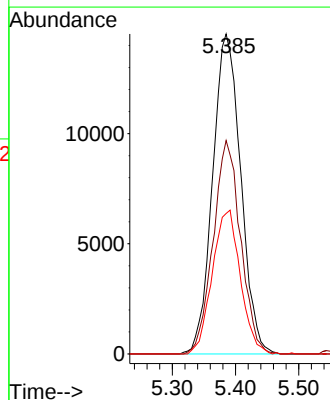
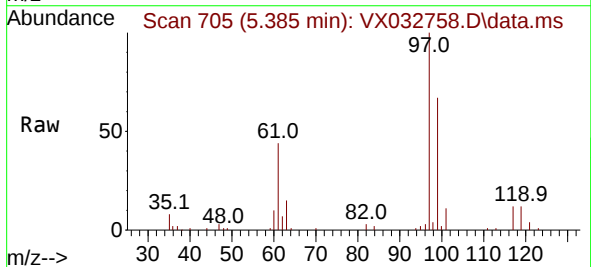
Manual Integrations
APPROVED

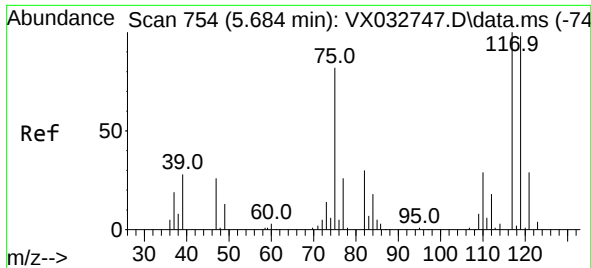
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#32
1,1,1-Trichloroethane
Concen: 20.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

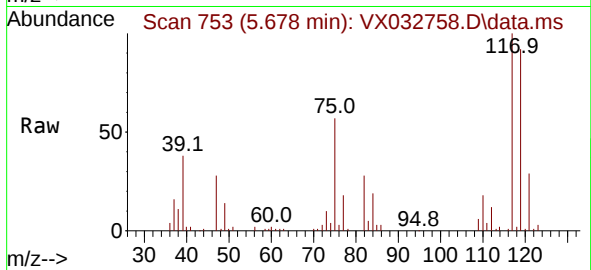
Tgt Ion: 97 Resp: 44818
Ion Ratio Lower Upper
97 100
99 65.1 53.8 80.6
61 44.9 31.3 46.9





#33
Carbon Tetrachloride
Concen: 21.156 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

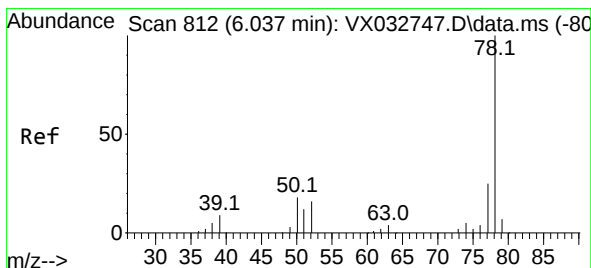
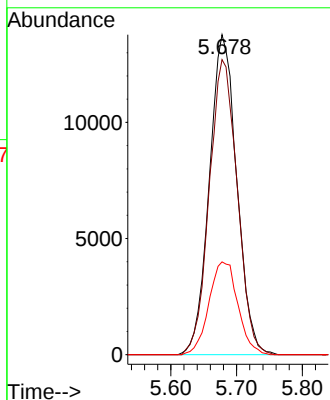
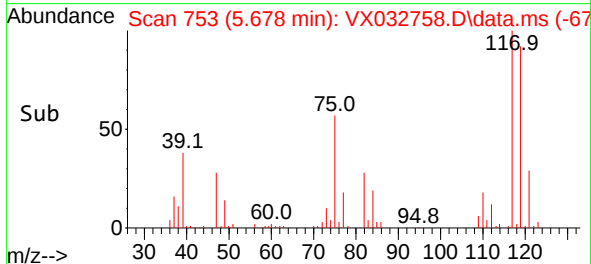
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 3998
Ion Ratio Lower Upper
117 100
119 92.2 75.4 113.2
121 29.0 24.4 36.6

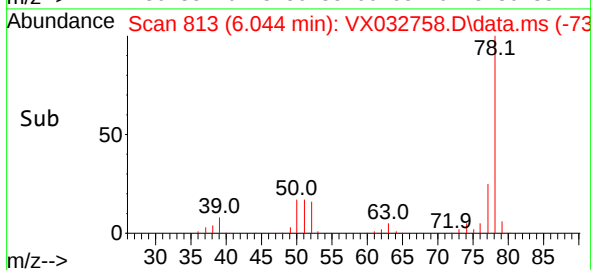
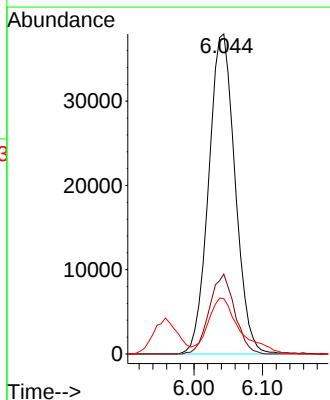
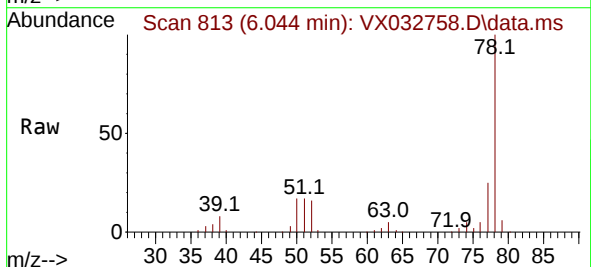
Manual Integrations
APPROVED

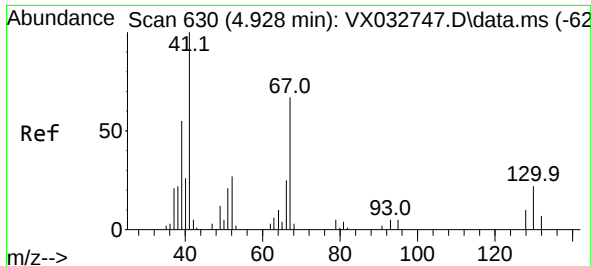
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#34
Benzene
Concen: 21.086 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

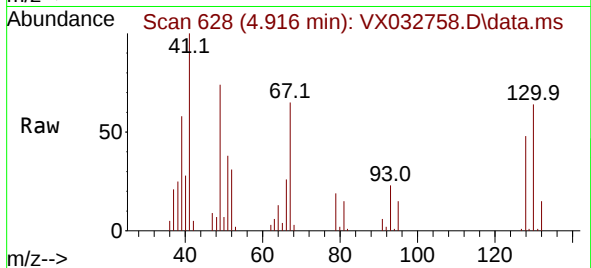
Tgt Ion: 78 Resp: 101659
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6
51 16.4 10.6 15.8#





#35
Methacrylonitrile
Concen: 20.628 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

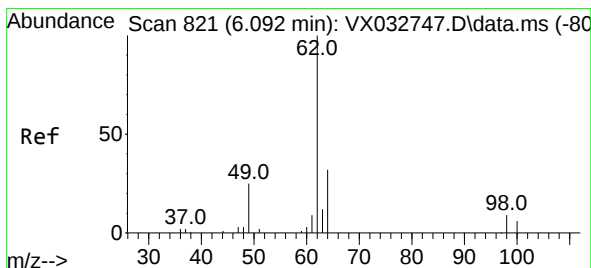
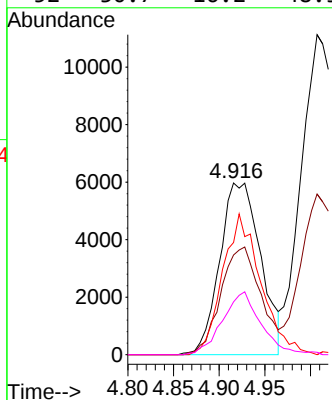
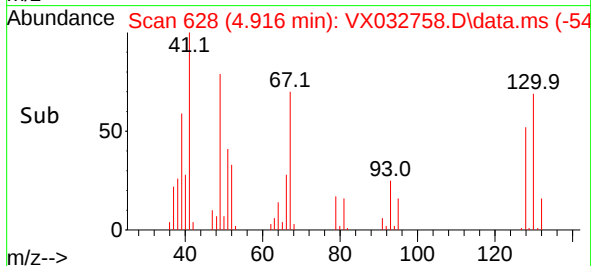
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 18640
Ion Ratio Lower Upper
41 100
39 58.1 26.9 80.7
67 65.4 40.6 121.8
52 30.7 16.2 48.5

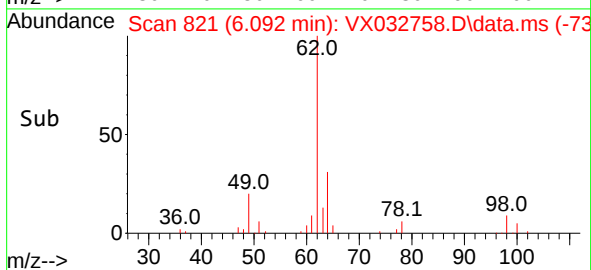
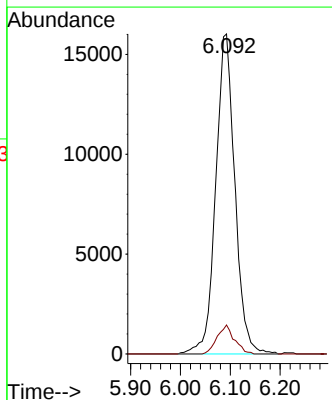
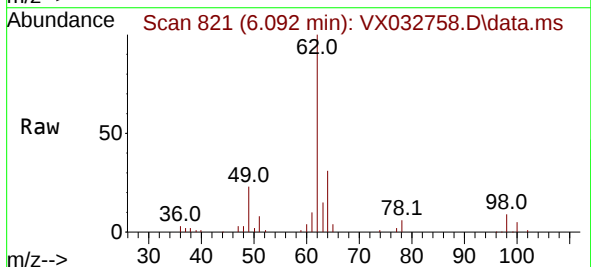
Manual Integrations
APPROVED

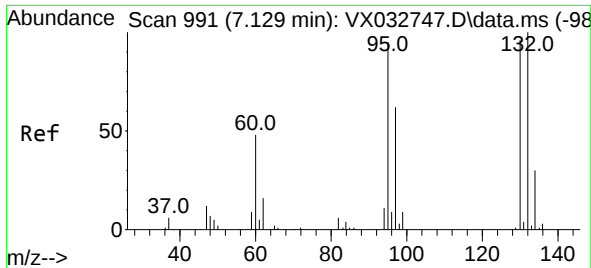
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 21.545 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 62 Resp: 42761
Ion Ratio Lower Upper
62 100
98 8.2 8.8 13.2#





#37
Trichloroethene
Concen: 21.167 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

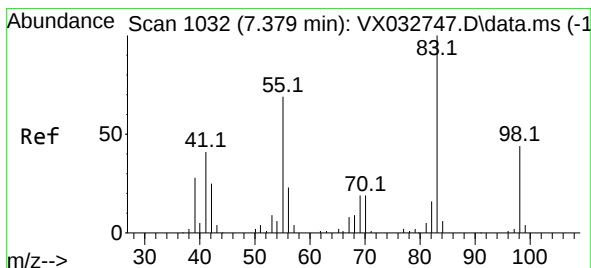
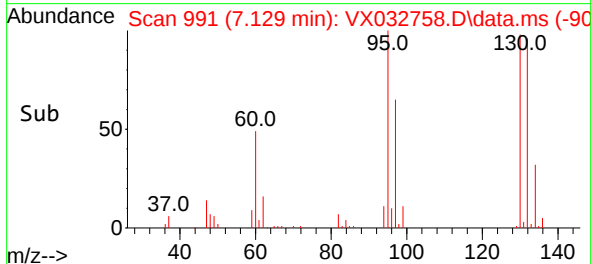
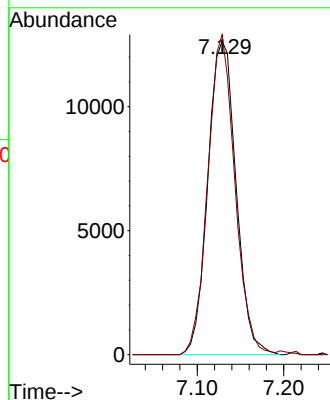
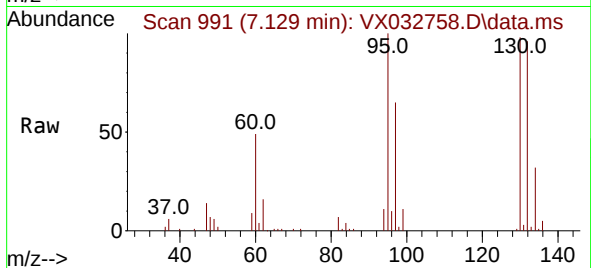
VSTDCCC020EC

Tgt Ion:130 Resp: 28549
Ion Ratio Lower Upper
130 100
95 102.0 72.4 108.6

Manual Integrations

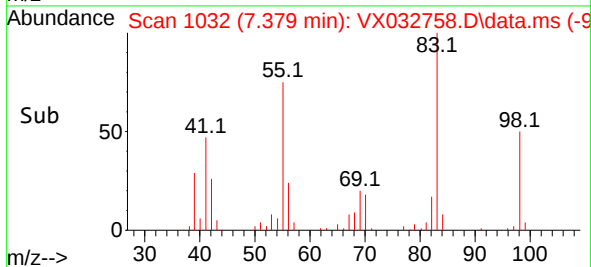
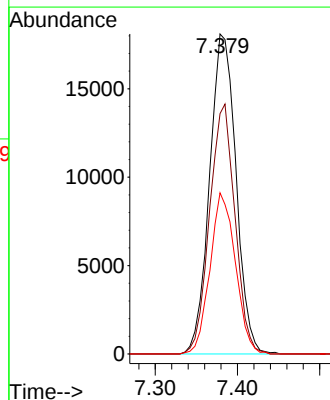
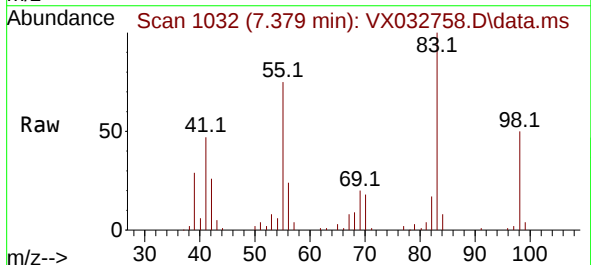
APPROVED

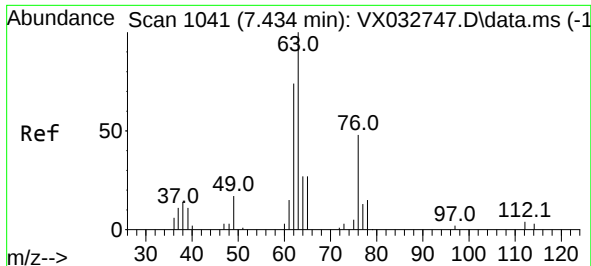
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#38
Methylcyclohexane
Concen: 21.110 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 83 Resp: 40472
Ion Ratio Lower Upper
83 100
55 75.0 31.6 94.7
98 48.4 26.9 80.6





#39

1,2-Dichloropropane

Concen: 20.577 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2511

Ion Ratio Lower Upper

63 100

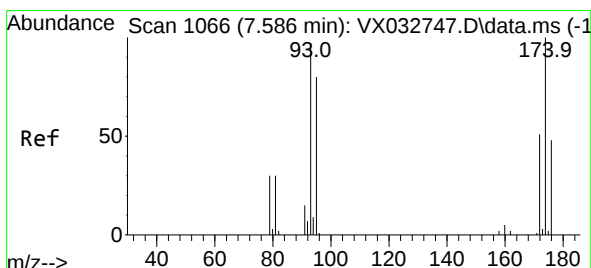
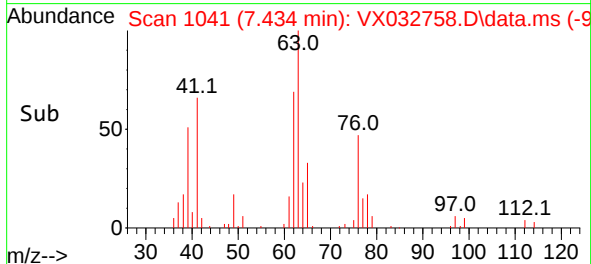
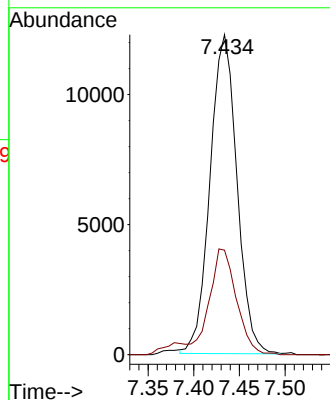
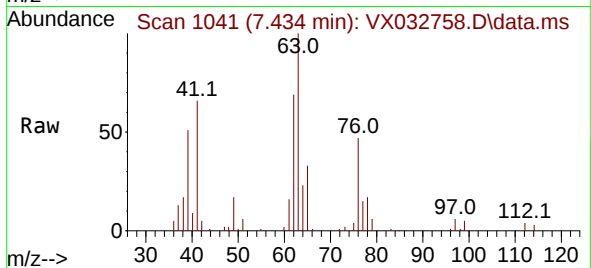
65 32.8 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 21.042 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

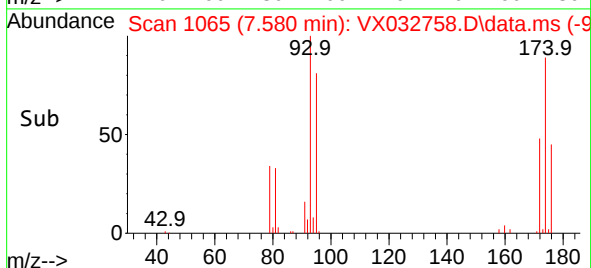
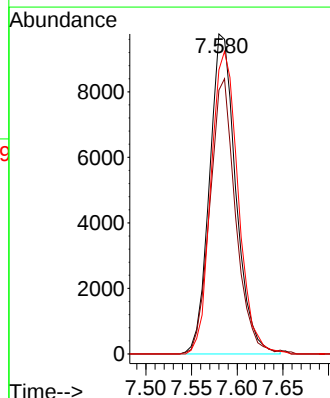
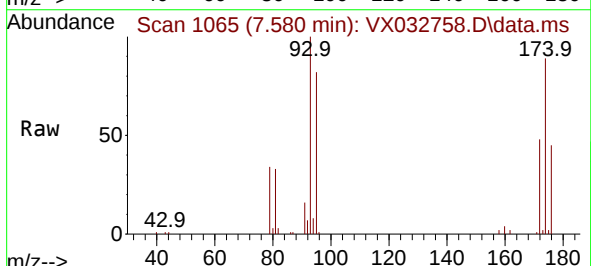
Tgt Ion: 93 Resp: 19606

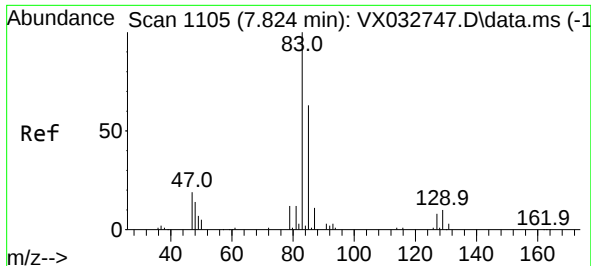
Ion Ratio Lower Upper

93 100

95 83.5 0.0 165.0

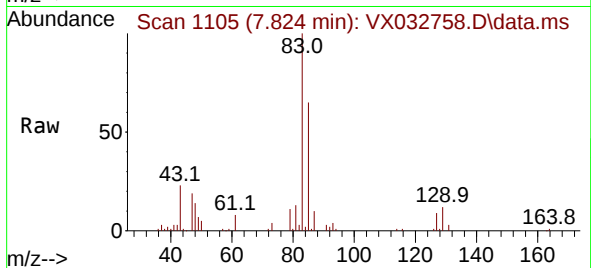
174 97.3 0.0 205.2





#41
Bromodichloromethane
Concen: 20.569 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

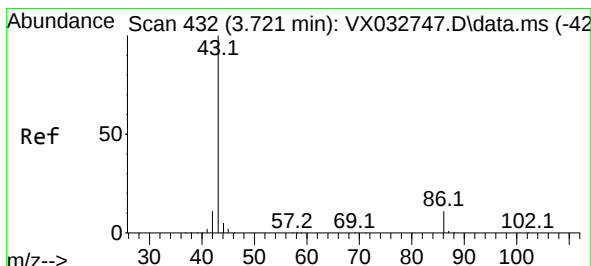
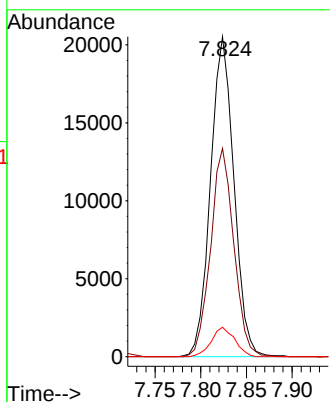
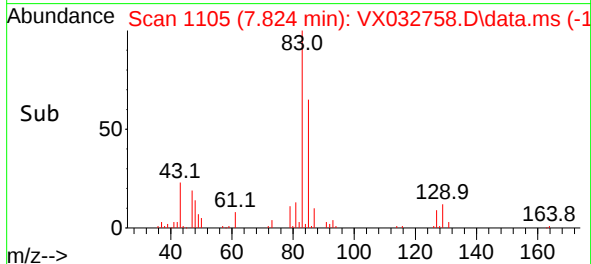
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



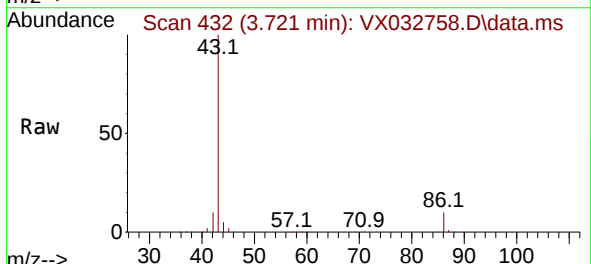
Tgt Ion: 83 Resp: 36529
Ion Ratio Lower Upper
83 100
85 65.1 52.3 78.5
127 9.2 6.8 10.2

Manual Integrations
APPROVED

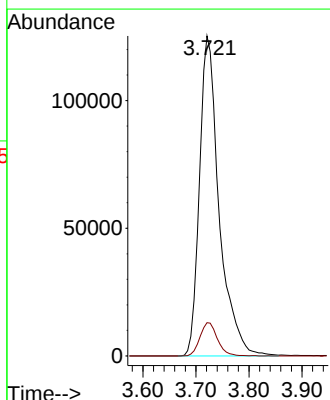
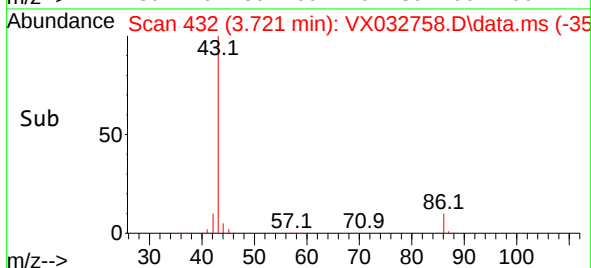
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

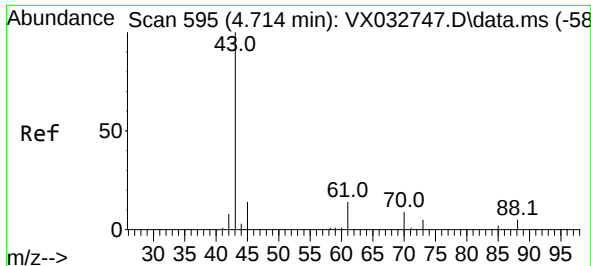


#42
Vinyl Acetate
Concen: 105.349 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



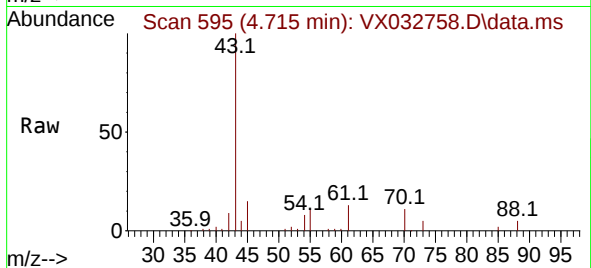
Tgt Ion: 43 Resp: 322969
Ion Ratio Lower Upper
43 100
86 9.2 10.3 15.5





#43
Ethyl Acetate
Concen: 21.135 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

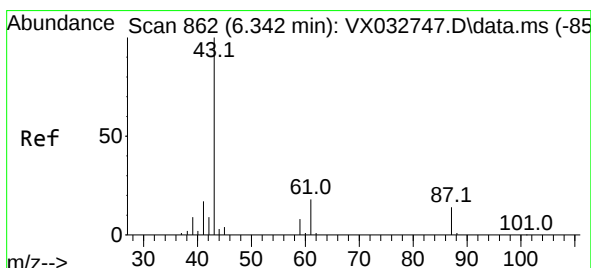
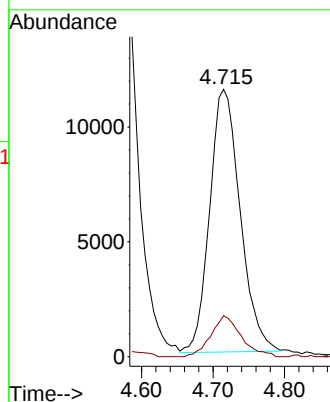
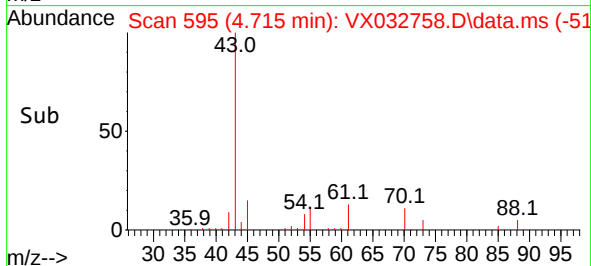
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



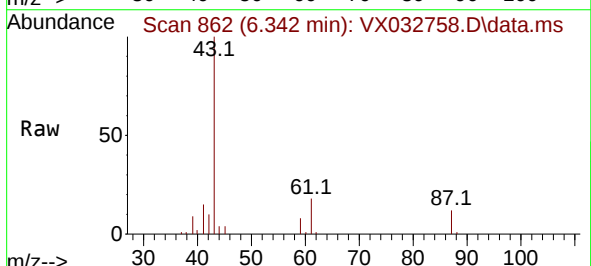
Tgt Ion: 43 Resp: 3392
Ion Ratio Lower Upper
43 100
45 15.4 8.2 12.2

Manual Integrations
APPROVED

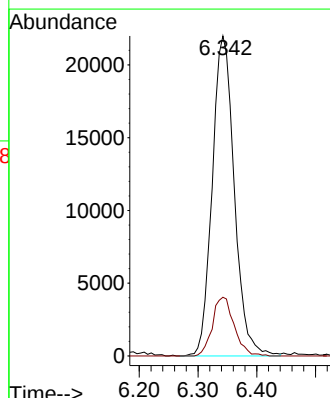
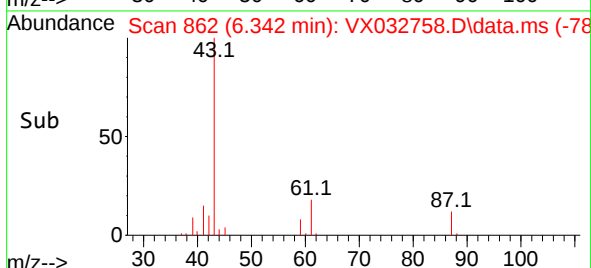
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

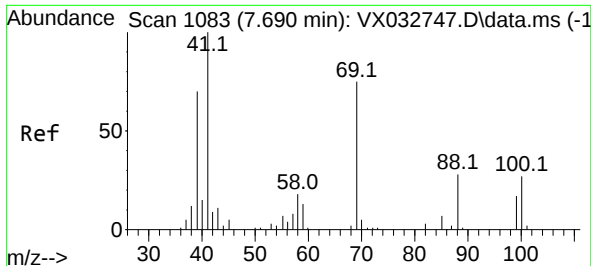


#44
Isopropyl Acetate
Concen: 21.338 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion: 43 Resp: 57390
Ion Ratio Lower Upper
43 100
61 17.8 17.2 25.8





#45

1,4-Dioxane

Concen: 472.625 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 12210

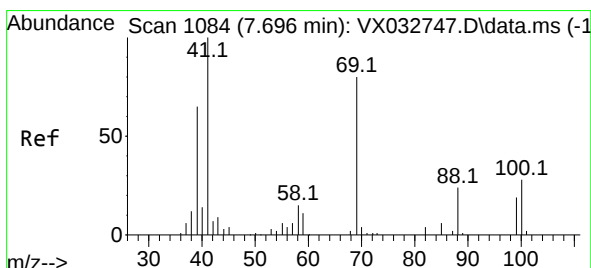
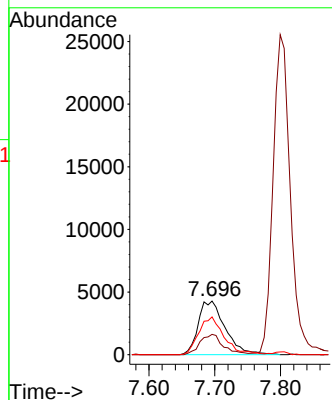
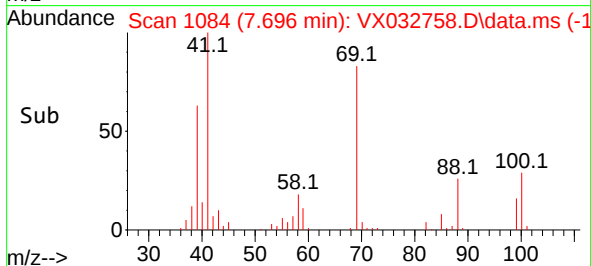
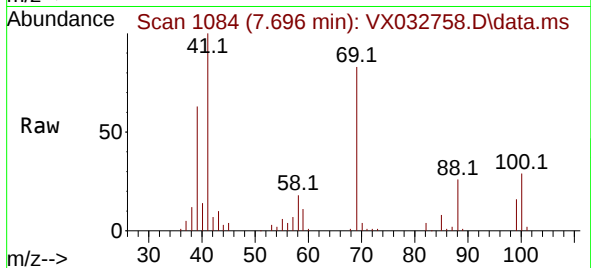
Ion	Ratio	Lower	Upper
88	100		
43	32.5	20.4	30.6
58	63.0	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Methyl methacrylate

Concen: 21.743 ug/l

RT: 7.696 min Scan# 1084

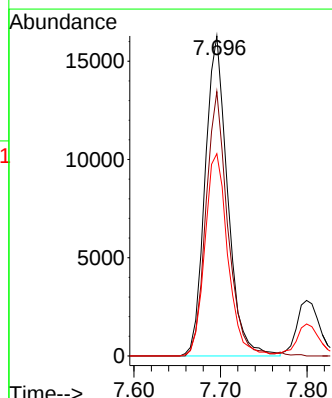
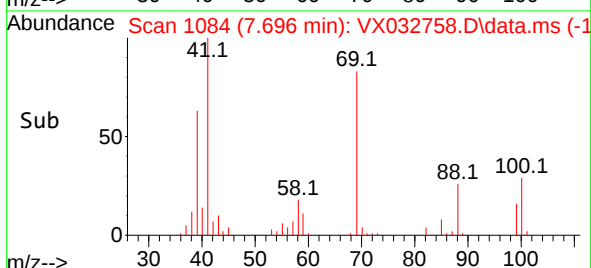
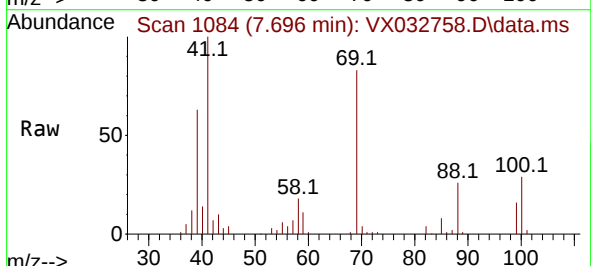
Delta R.T. 0.000 min

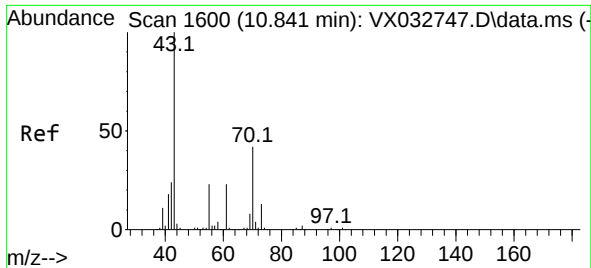
Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Tgt Ion: 41 Resp: 29440

Ion	Ratio	Lower	Upper
41	100		
69	82.6	50.5	151.5
39	63.2	34.6	103.8





#47

n-amyl acetate

Concen: 21.185 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 50654

Ion Ratio Lower Upper

43 100

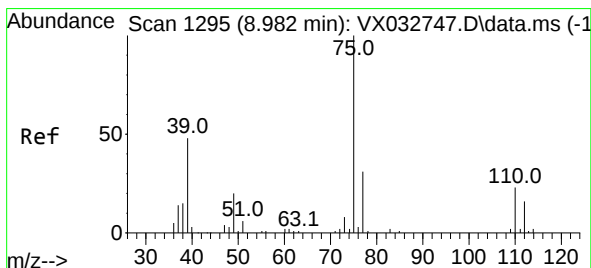
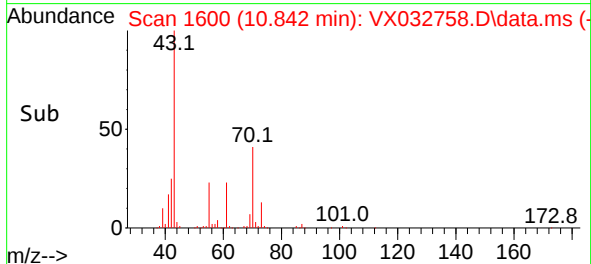
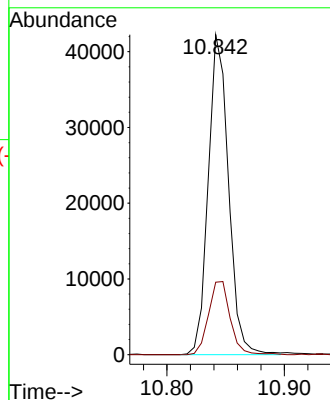
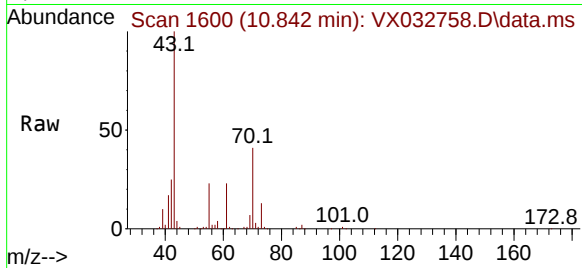
55 24.3 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#48

t-1,3-Dichloropropene

Concen: 19.331 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX032758.D

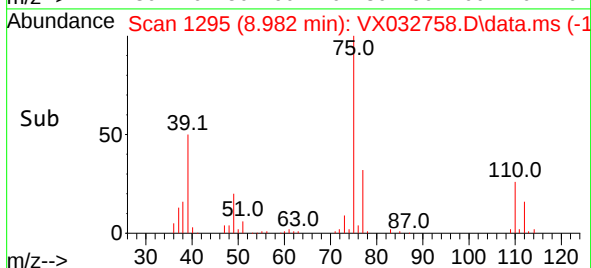
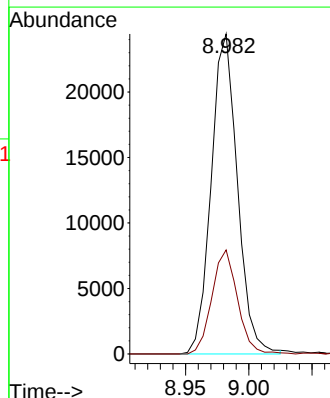
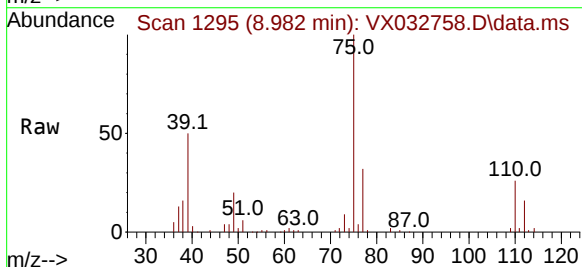
Acq: 11 Nov 2022 06:00

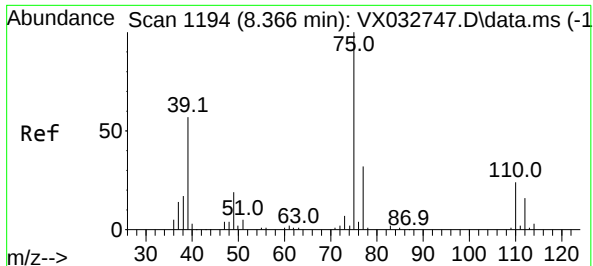
Tgt Ion: 75 Resp: 35220

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 20.238 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3893

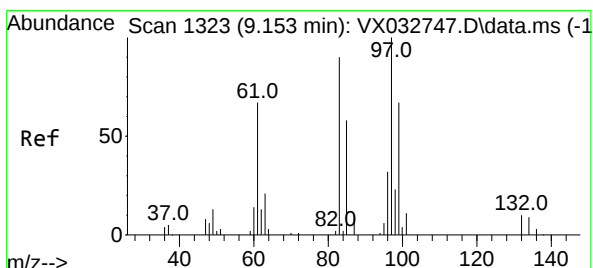
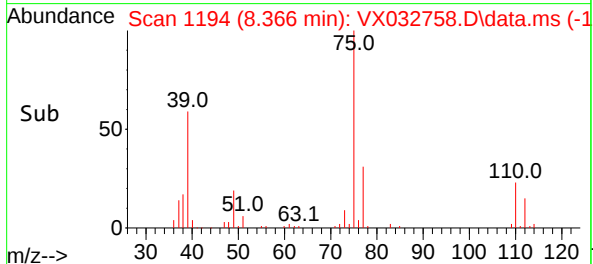
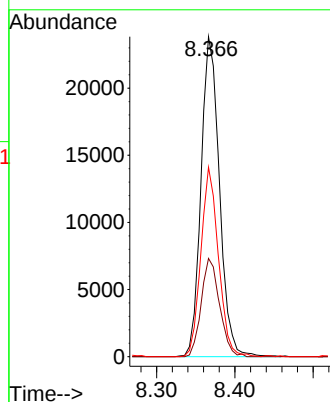
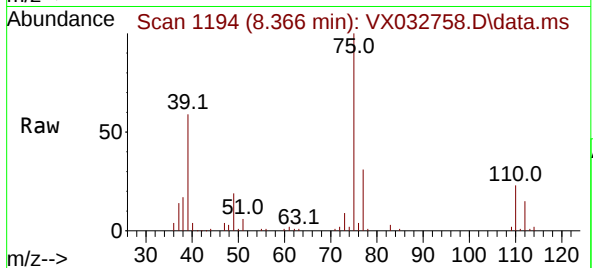
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.7	38.5
39	59.2	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

1,1,2-Trichloroethane

Concen: 21.382 ug/l

RT: 9.153 min Scan# 1323

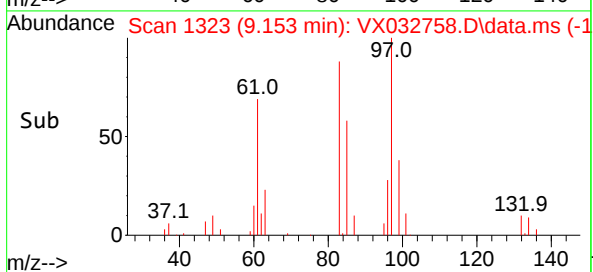
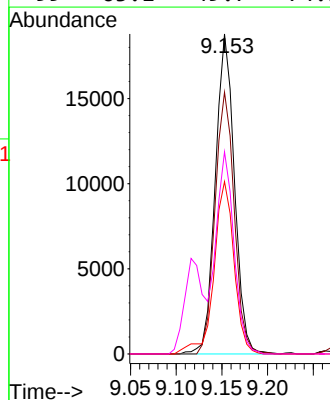
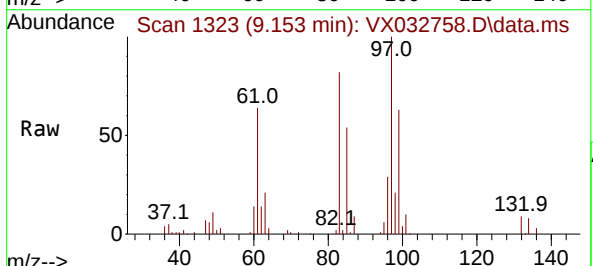
Delta R.T. 0.000 min

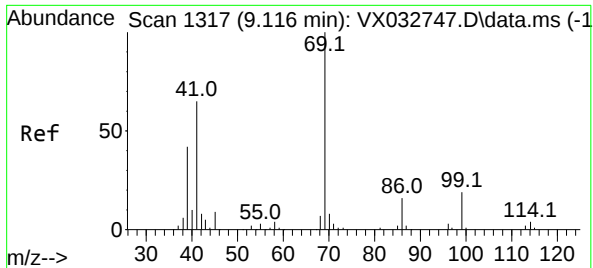
Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Tgt Ion: 97 Resp: 27392

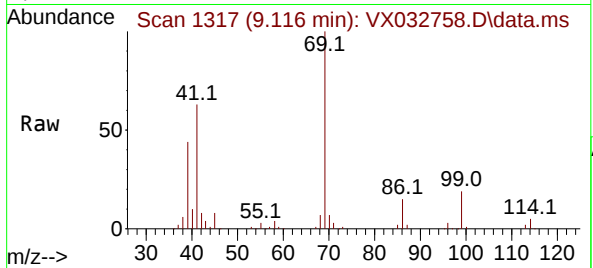
Ion	Ratio	Lower	Upper
97	100		
83	81.8	62.2	93.4
85	53.9	44.2	66.2
99	63.1	49.7	74.5





#51
Ethyl methacrylate
Concen: 21.032 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

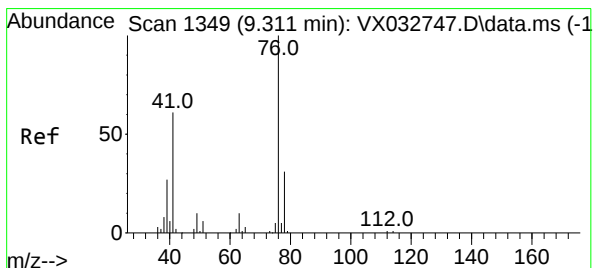
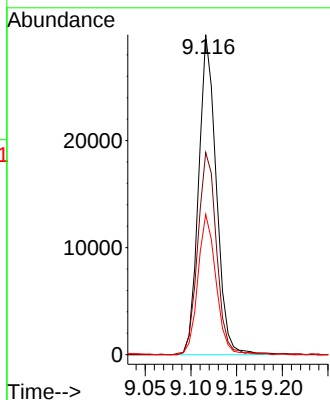
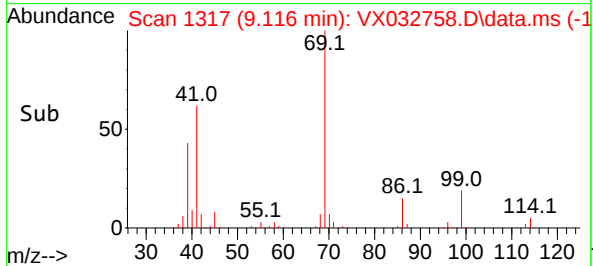
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 40239
Ion Ratio Lower Upper
69 100
41 63.0 25.9 77.7
39 43.9 17.8 53.3

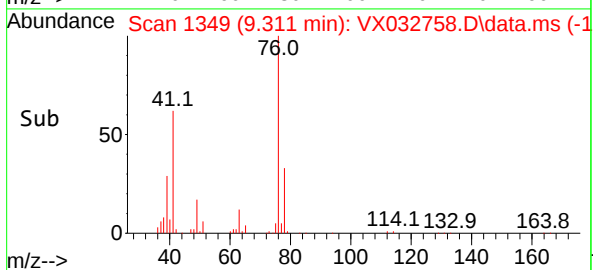
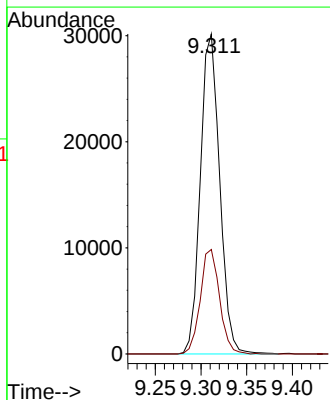
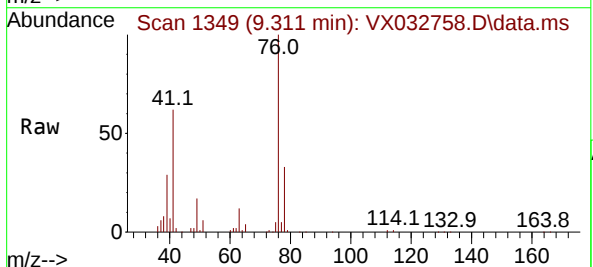
Manual Integrations
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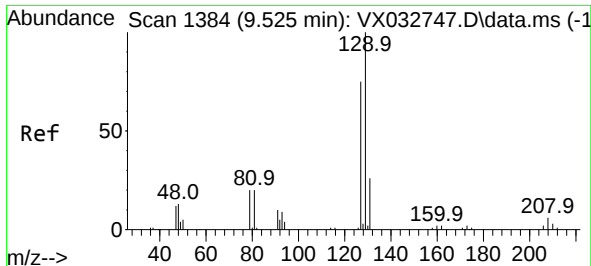
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
1,3-Dichloropropane
Concen: 21.150 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 76 Resp: 44297
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.0





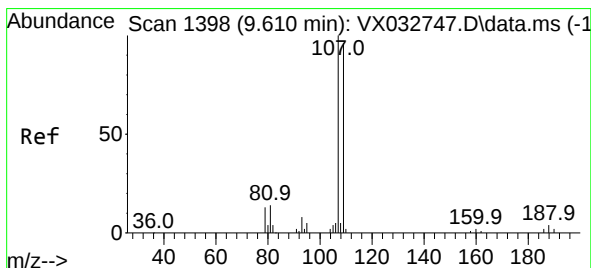
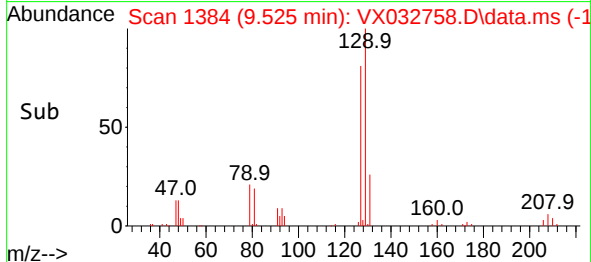
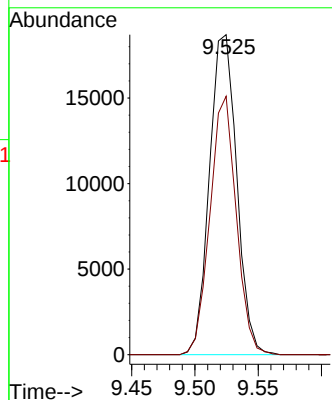
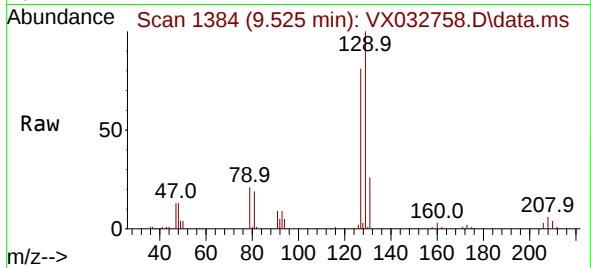
#53
Dibromochloromethane
Concen: 20.188 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 28120
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

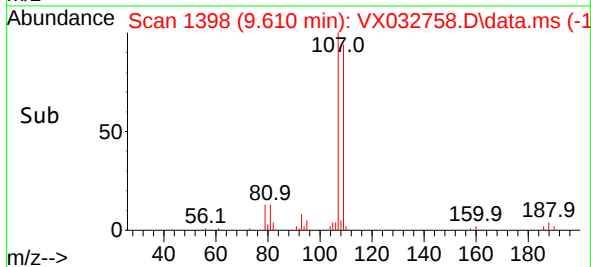
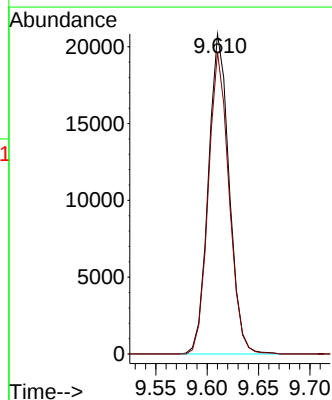
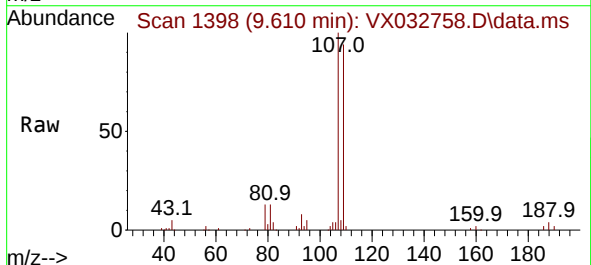
Manual Integrations
APPROVED

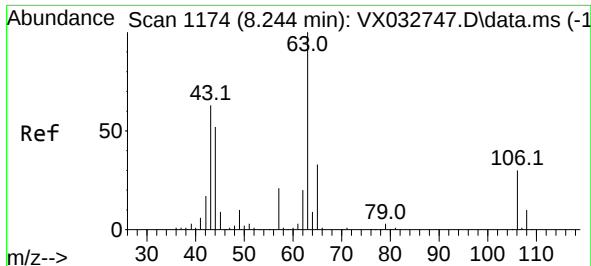
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 21.229 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion:107 Resp: 29294
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6





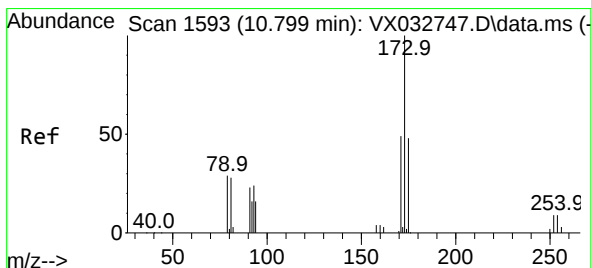
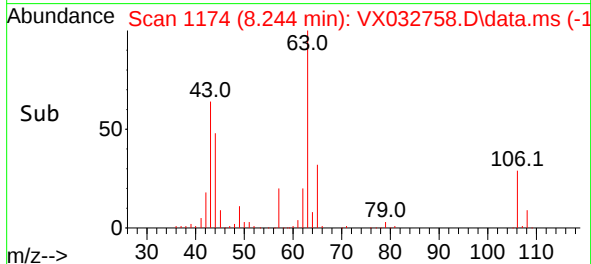
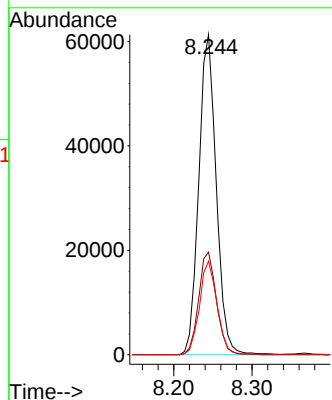
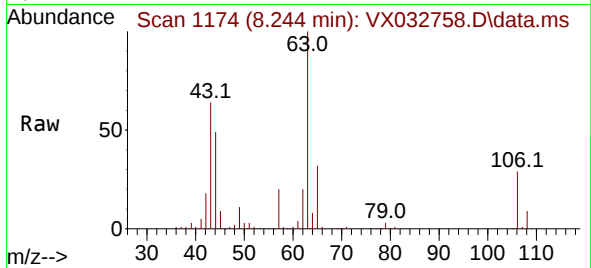
#55
2-Chloroethyl vinyl ether
Concen: 102.831 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 9507
Ion Ratio Lower Upper
63 100
65 32.6 25.5 38.3
106 29.3 28.9 43.3

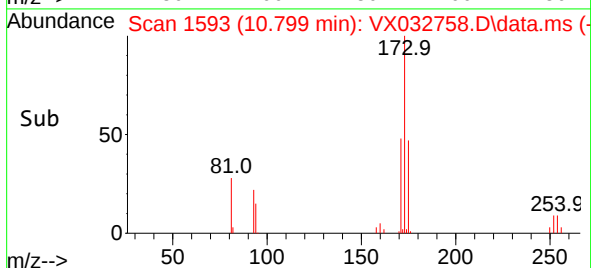
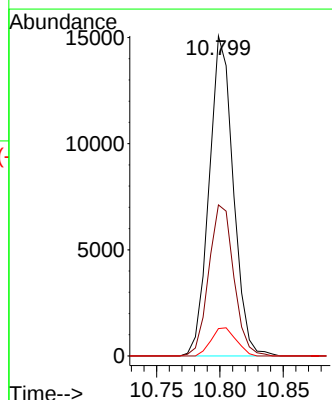
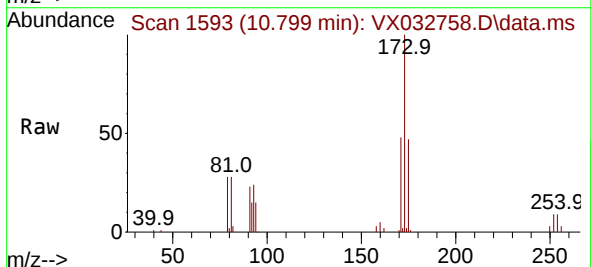
Manual Integrations
APPROVED

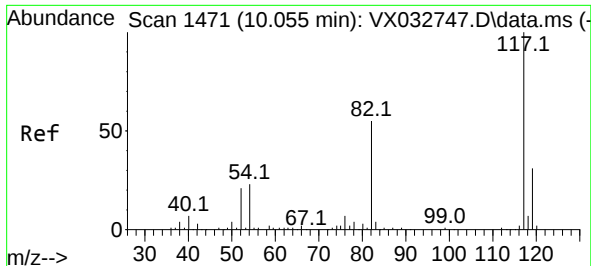
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 20.062 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion:173 Resp: 20011
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 9.1 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 84698

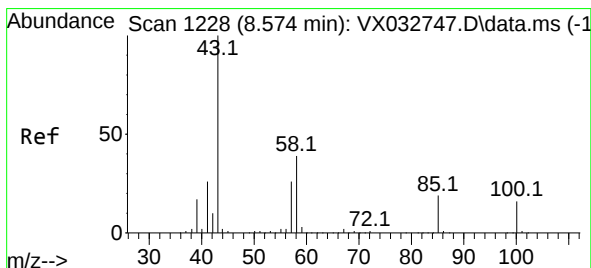
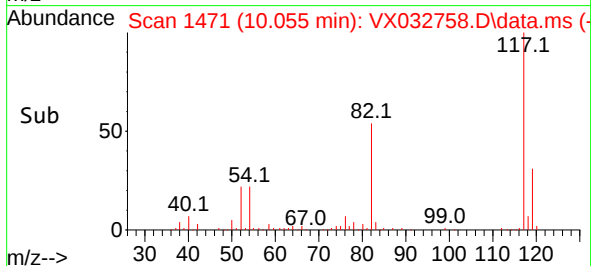
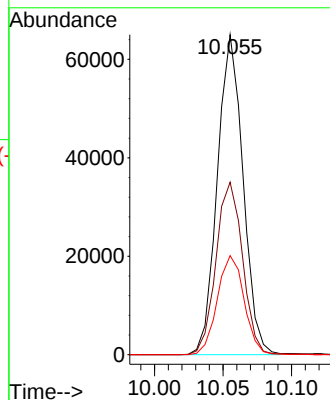
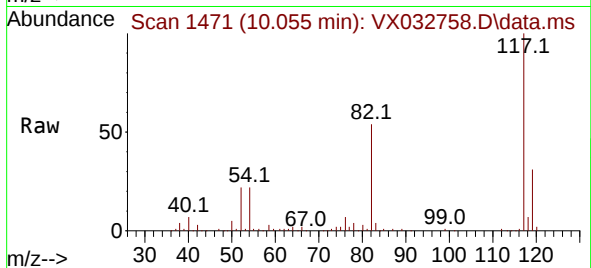
Ion	Ratio	Lower	Upper
117	100		
82	56.0	40.0	60.0
119	32.4	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

4-Methyl-2-Pentanone

Concen: 108.342 ug/l

RT: 8.574 min Scan# 1228

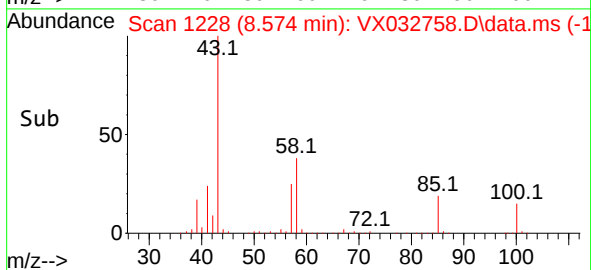
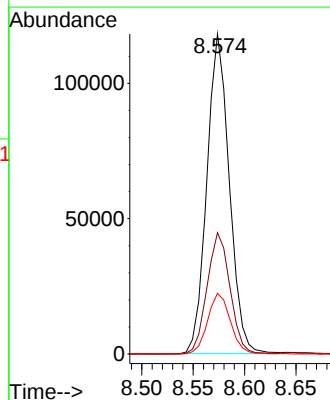
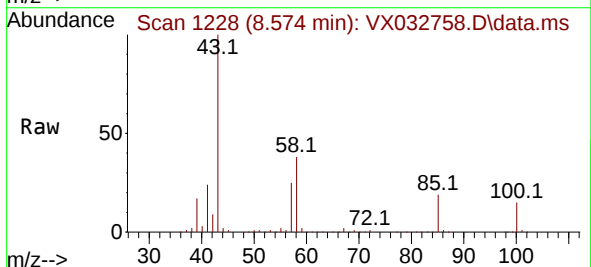
Delta R.T. 0.000 min

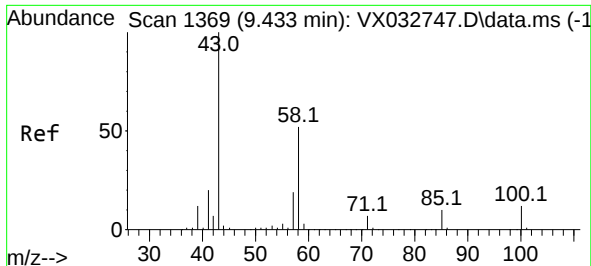
Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Tgt Ion: 43 Resp: 179633

Ion	Ratio	Lower	Upper
43	100		
58	38.7	34.9	52.3
85	19.2	19.4	29.2





#59

2-Hexanone

Concen: 111.983 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 13670

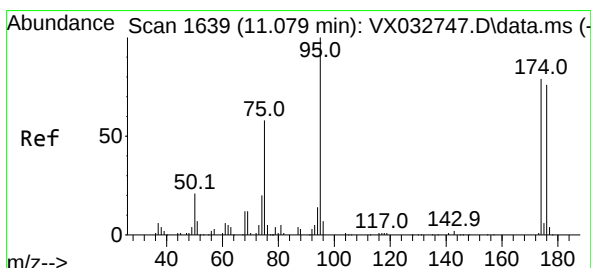
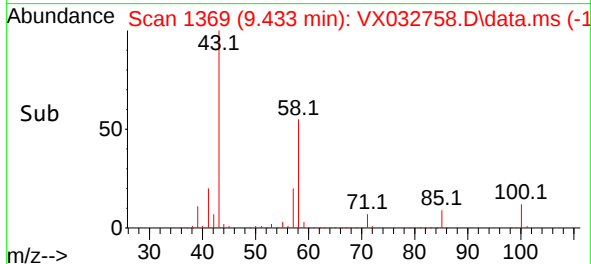
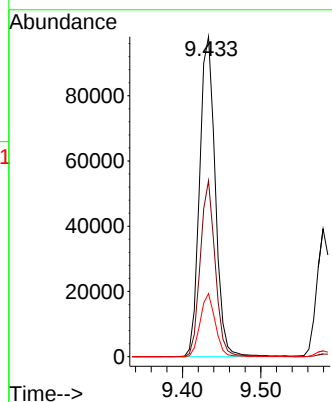
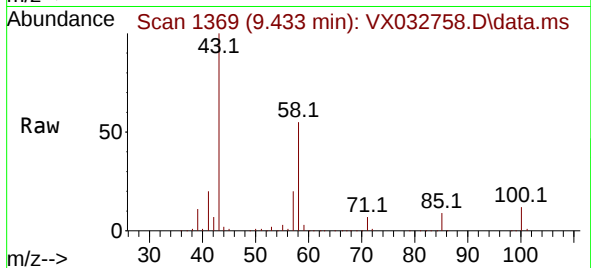
Ion	Ratio	Lower	Upper
43	100		
58	52.4	49.0	73.6
57	19.1	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#60

4-Bromofluorobenzene

Concen: 30.166 ug/l

RT: 11.079 min Scan# 1639

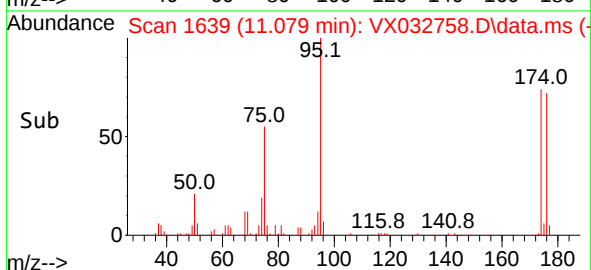
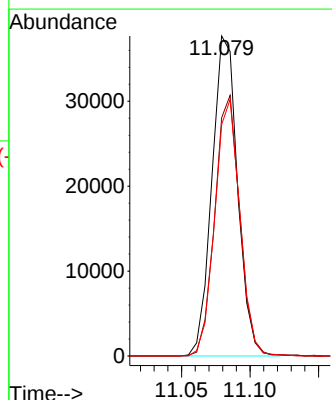
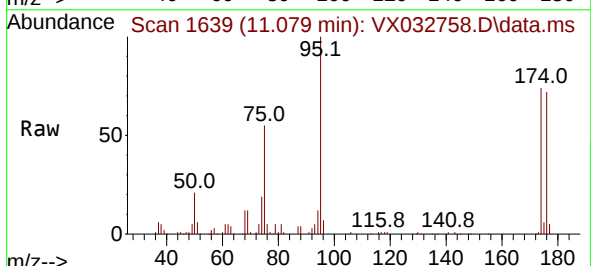
Delta R.T. 0.000 min

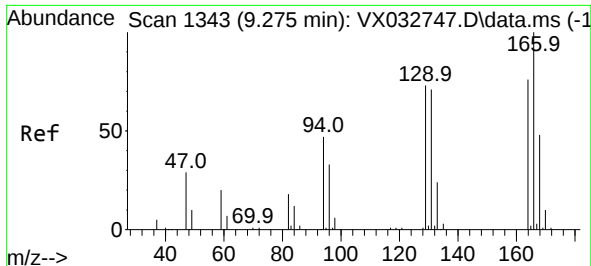
Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Tgt Ion: 95 Resp: 48873

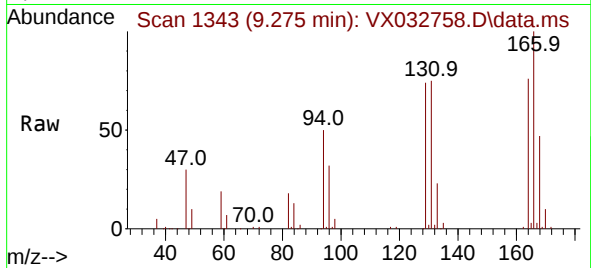
Ion	Ratio	Lower	Upper
95	100		
174	78.9	68.2	102.2
176	78.4	68.1	102.1





#61
Tetrachloroethene
Concen: 20.824 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

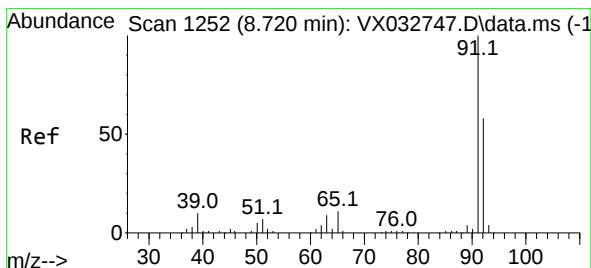
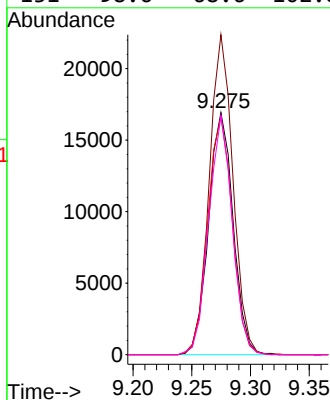
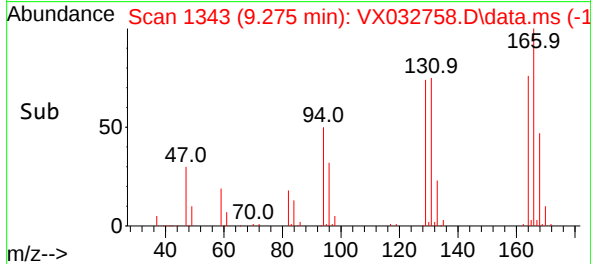
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



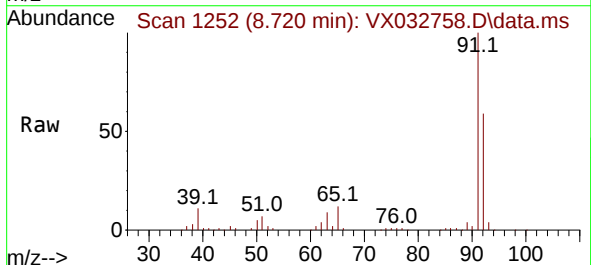
Tgt Ion:164 Resp: 24649
Ion Ratio Lower Upper
164 100
166 132.2 102.8 154.2
129 98.4 73.0 109.4
131 98.6 68.6 102.8

Manual Integrations
APPROVED

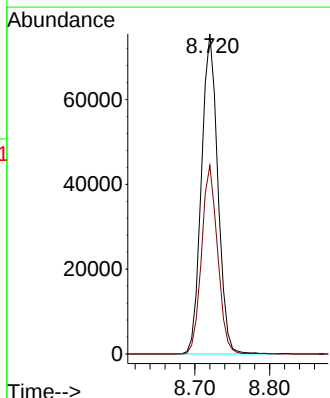
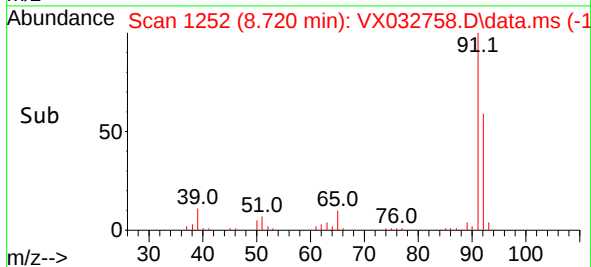
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

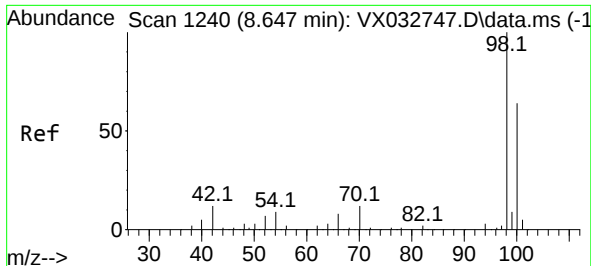


#62
Toluene
Concen: 20.905 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



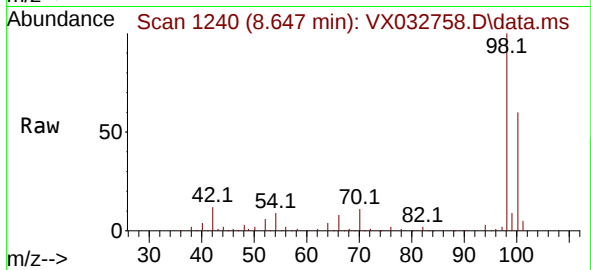
Tgt Ion: 91 Resp: 115151
Ion Ratio Lower Upper
91 100
92 57.3 47.3 70.9





#63
Toluene-d8
Concen: 30.680 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

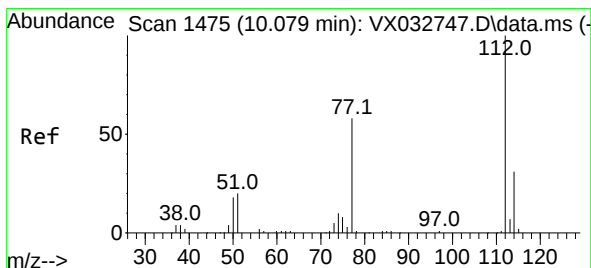
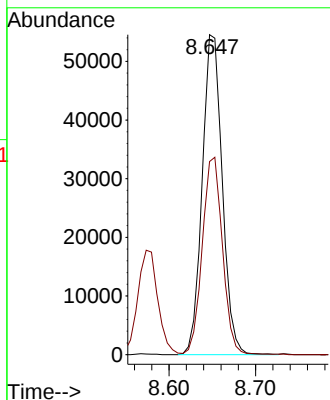
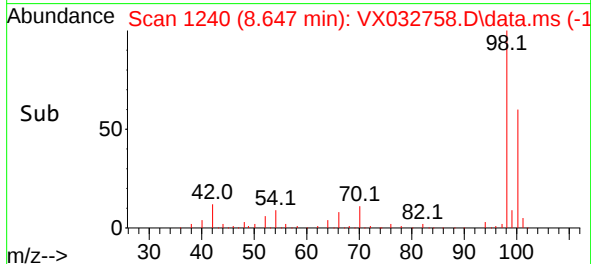
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 87690
Ion Ratio Lower Upper
98 100
100 62.1 53.8 80.8

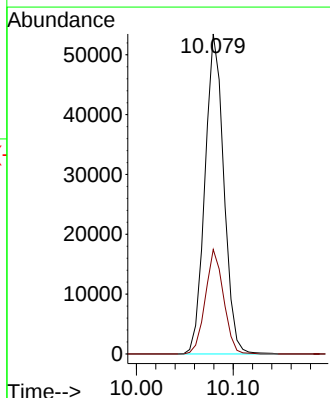
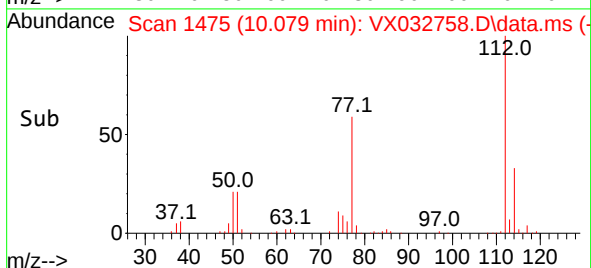
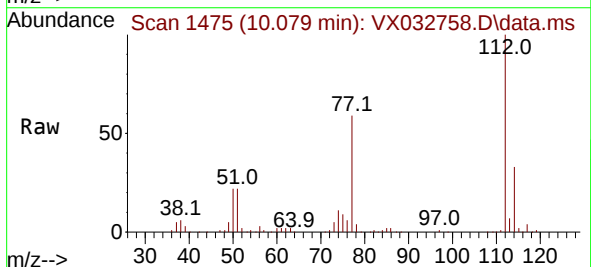
Manual Integrations
APPROVED

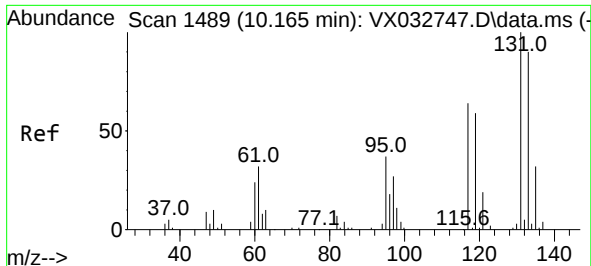
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Chlorobenzene
Concen: 21.332 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion:112 Resp: 72642
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5





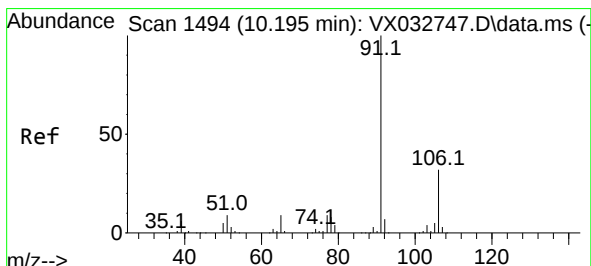
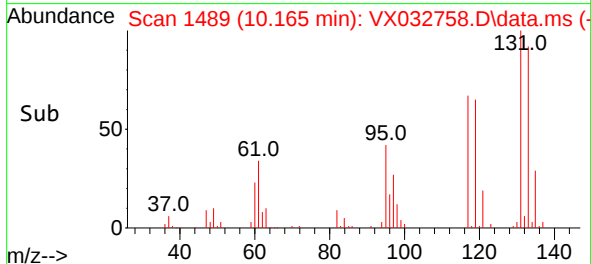
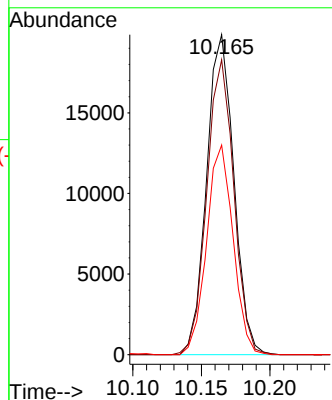
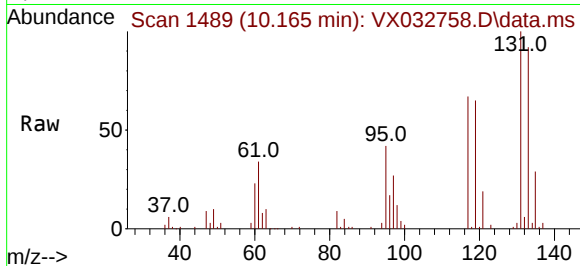
#65
1,1,1,2-Tetrachloroethane
Concen: 21.190 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 27489
Ion Ratio Lower Upper
131 100
133 91.5 0.0 189.4
119 63.6 0.0 127.0

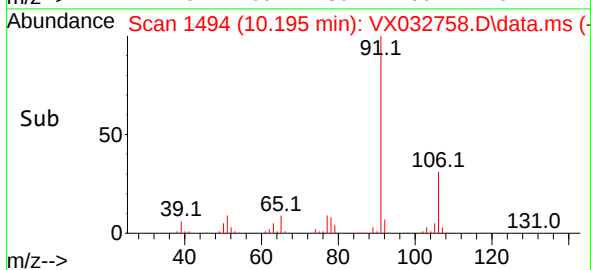
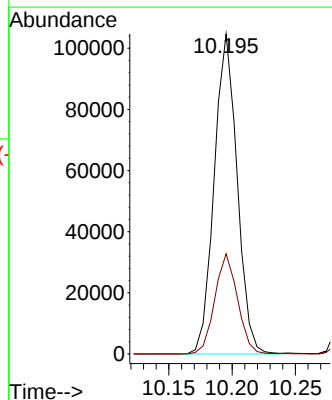
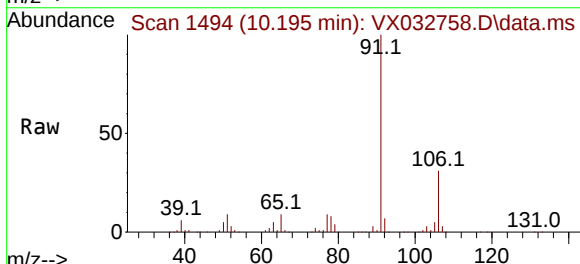
Manual Integrations
APPROVED

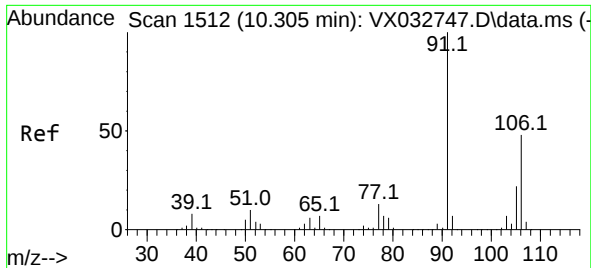
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Ethyl Benzene
Concen: 21.308 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 91 Resp: 131666
Ion Ratio Lower Upper
91 100
106 31.3 26.7 40.1





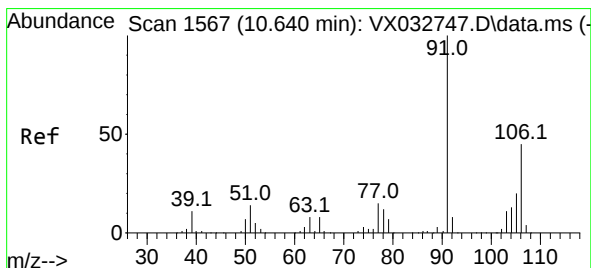
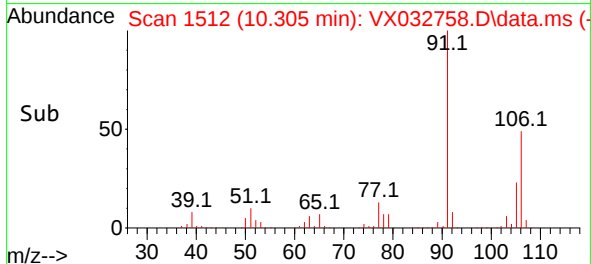
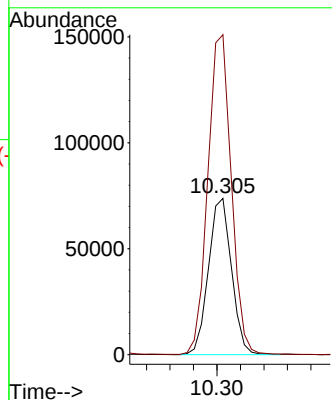
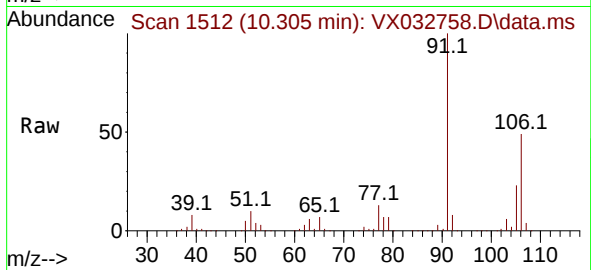
#67
m/p-Xylenes
Concen: 41.866 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 100660
Ion Ratio Lower Upper
106 100
91 207.2 152.3 228.5

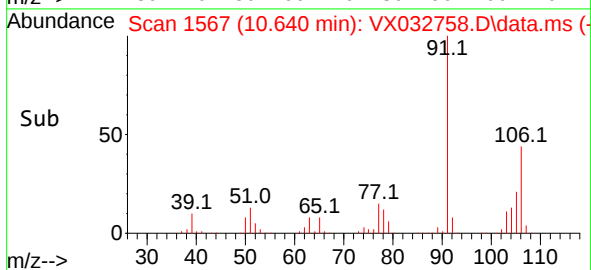
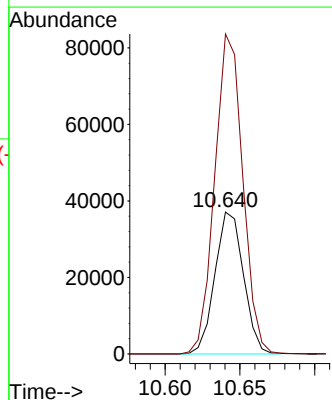
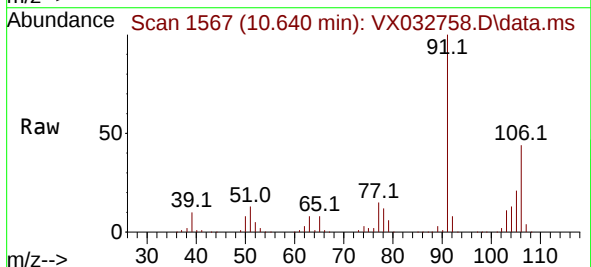
Manual Integrations
APPROVED

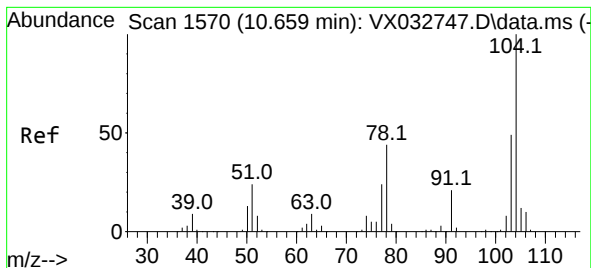
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 20.894 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion:106 Resp: 49293
Ion Ratio Lower Upper
106 100
91 221.7 101.9 305.7





#69

Styrene

Concen: 20.672 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

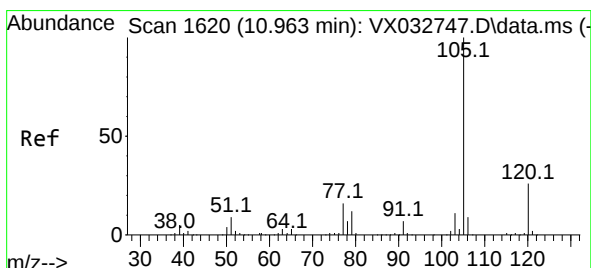
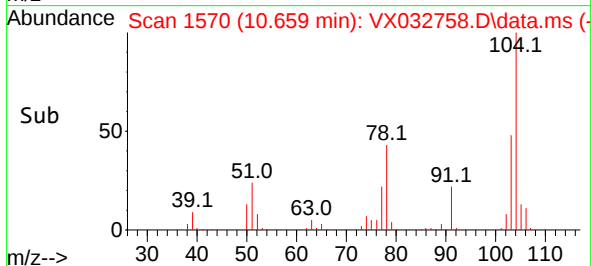
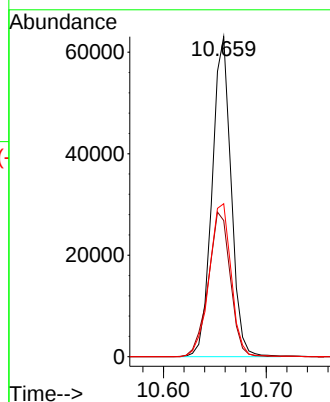
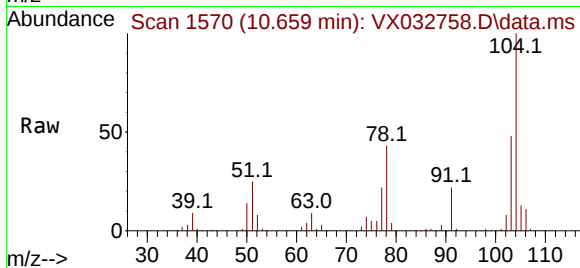
Tgt Ion:104	Resp:	81078
Ion Ratio	Lower	Upper
104	100	
78	52.2	36.6 55.0
103	55.0	43.3 64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#70

Isopropylbenzene

Concen: 20.927 ug/l

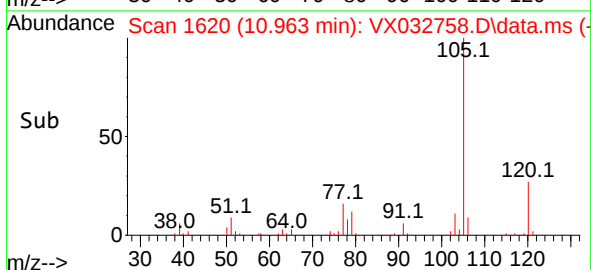
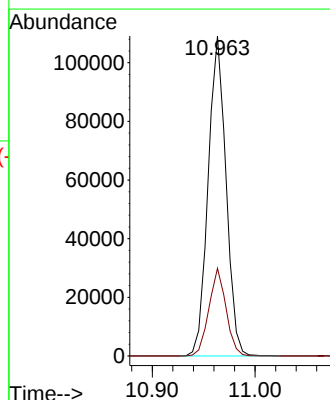
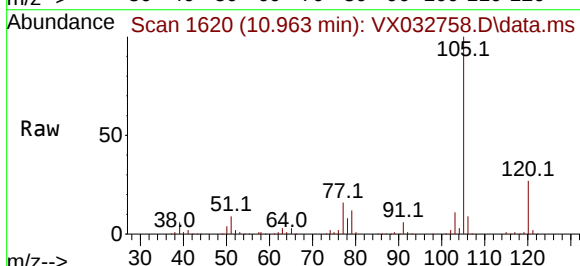
RT: 10.963 min Scan# 1620

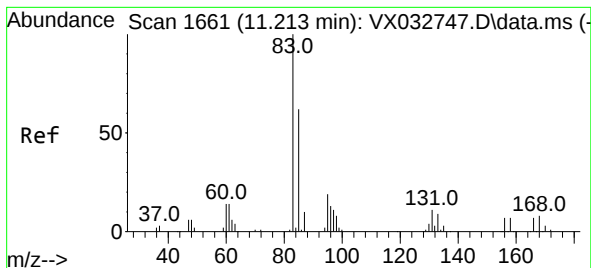
Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

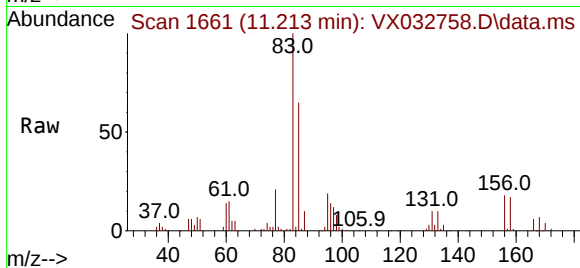
Tgt Ion:105	Resp:	131842
Ion Ratio	Lower	Upper
105	100	
120	26.2	19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 21.513 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

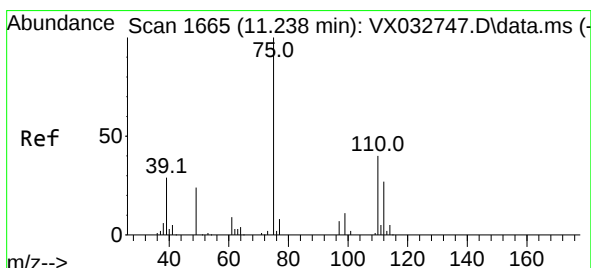
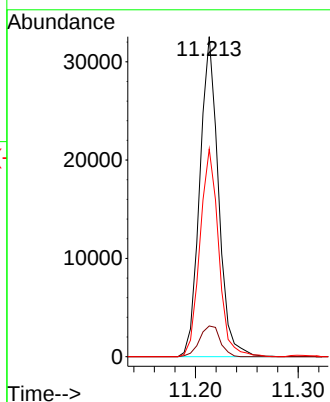
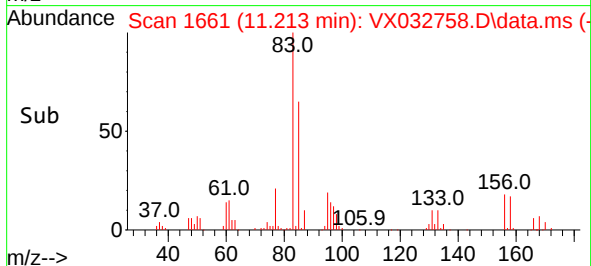
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



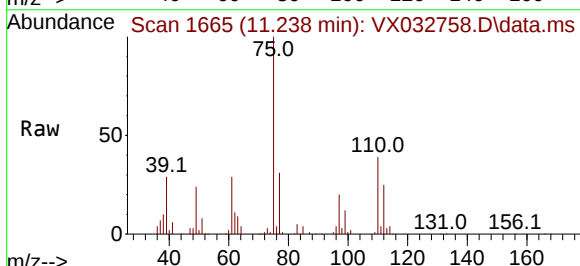
Tgt Ion: 83 Resp: 4110
Ion Ratio Lower Upper
83 100
131 10.7 6.0 18.1
85 65.0 32.8 98.3

Manual Integrations
APPROVED

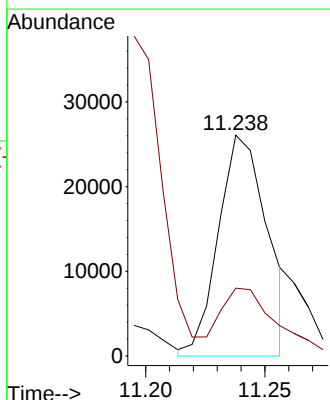
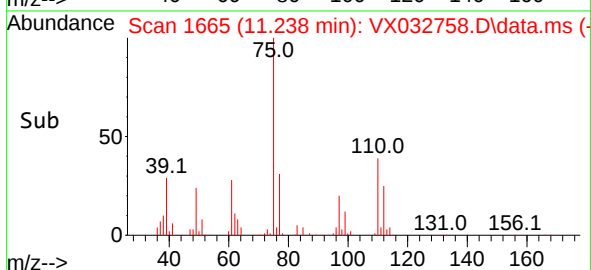
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

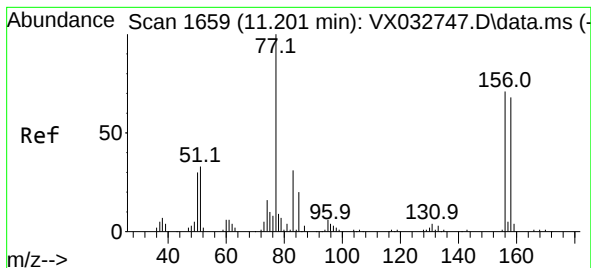


#72
1,2,3-Trichloropropane
Concen: 22.250 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion: 75 Resp: 36920
Ion Ratio Lower Upper
75 100
77 37.5 0.0 76.6





#73

Bromobenzene

Concen: 21.059 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

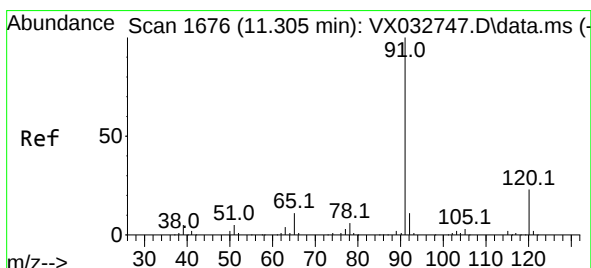
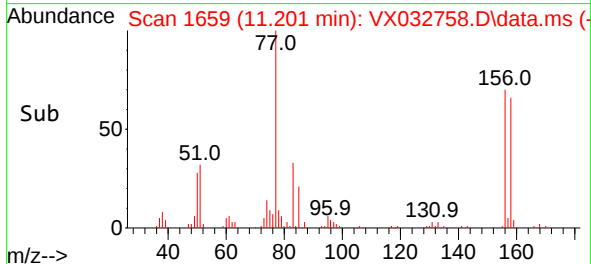
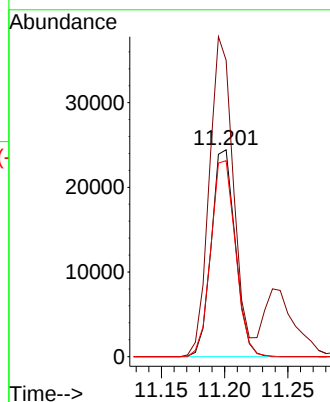
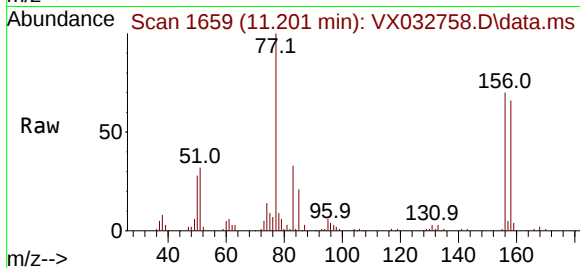
Tgt Ion:	156	Resp:	32230
Ion Ratio	Lower	Upper	
156	100		
77	154.3	0.0	259.2
158	97.2	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#74

n-propylbenzene

Concen: 20.909 ug/l

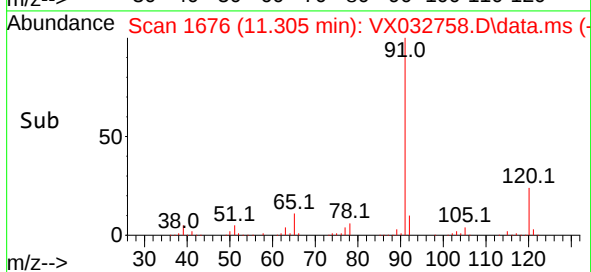
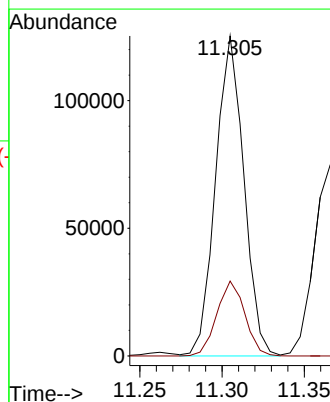
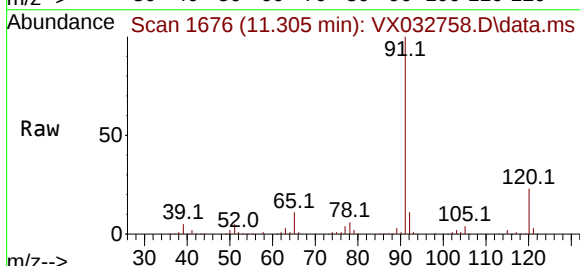
RT: 11.305 min Scan# 1676

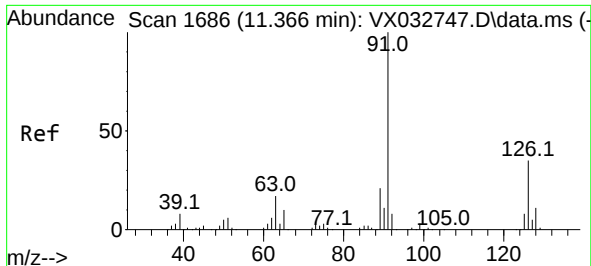
Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Tgt Ion:	91	Resp:	149670
Ion Ratio	Lower	Upper	
91	100		
120	23.2	0.0	51.0





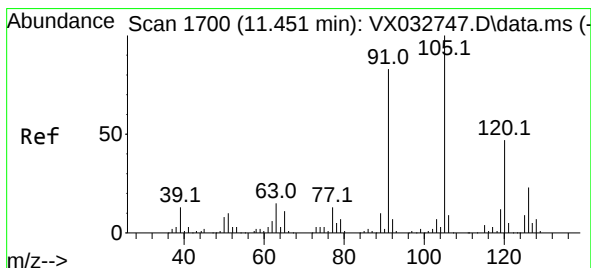
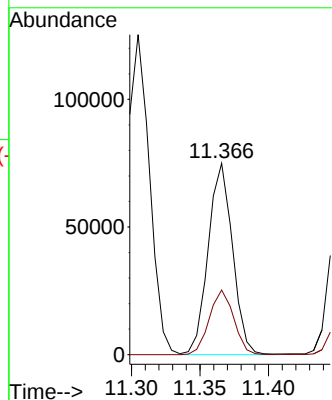
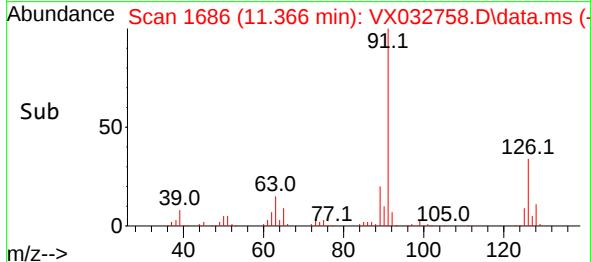
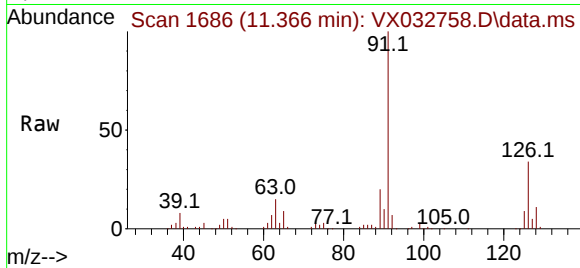
#75
2-Chlorotoluene
Concen: 21.443 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 92933
Ion Ratio Lower Upper
91 100
126 33.8 0.0 76.4

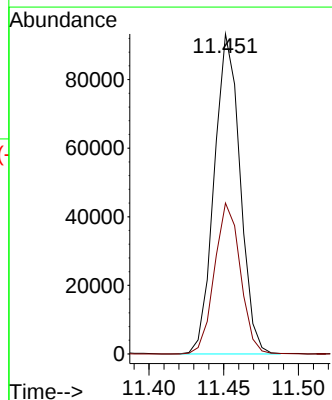
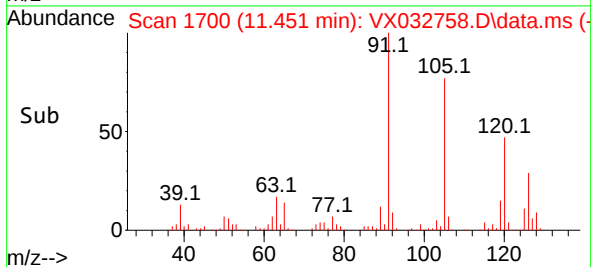
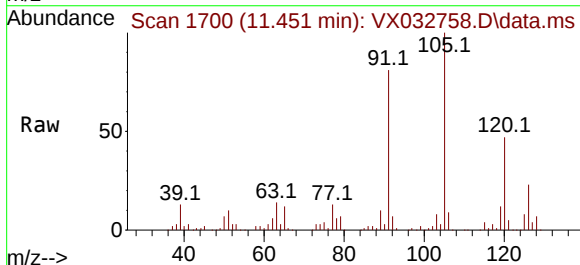
Manual Integrations
APPROVED

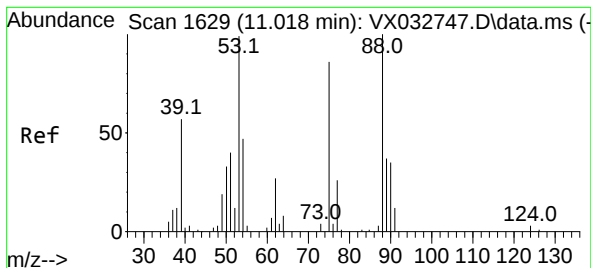
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.070 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

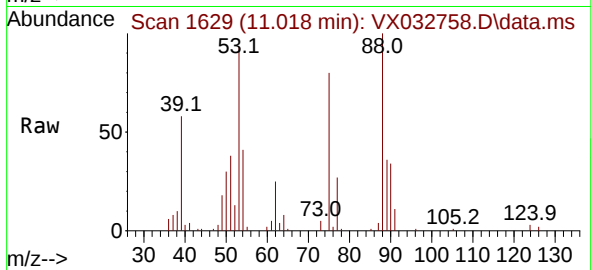
Tgt Ion:105 Resp: 112215
Ion Ratio Lower Upper
105 100
120 47.1 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.634 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

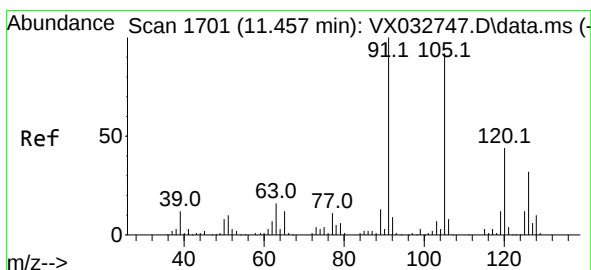
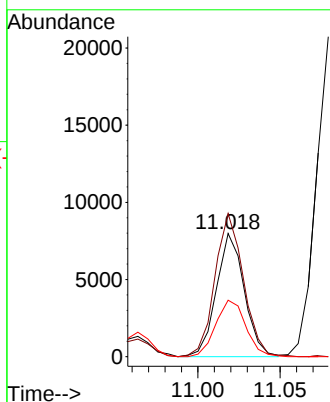
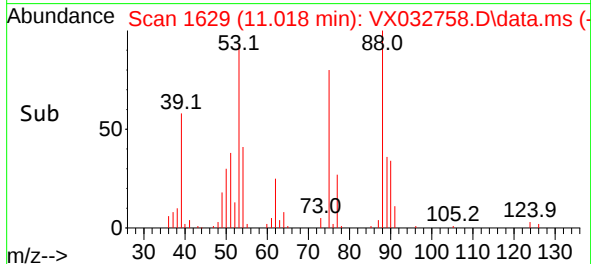
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



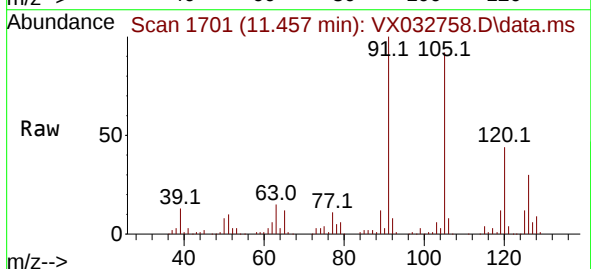
Tgt Ion: 75 Resp: 9438
Ion Ratio Lower Upper
75 100
53 116.3 51.8 155.4
89 45.8 22.9 68.8

Manual Integrations
APPROVED

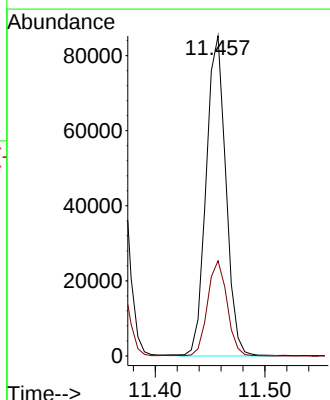
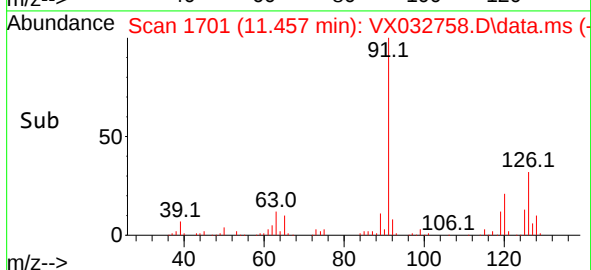
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

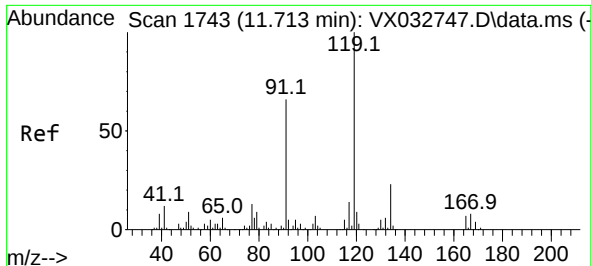


#78
4-Chlorotoluene
Concen: 21.353 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion: 91 Resp: 106599
Ion Ratio Lower Upper
91 100
126 29.4 0.0 67.0





#79

tert-butylbenzene

Concen: 21.234 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

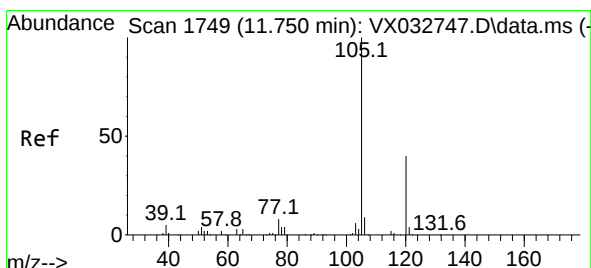
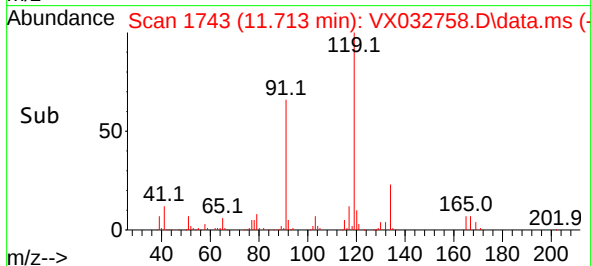
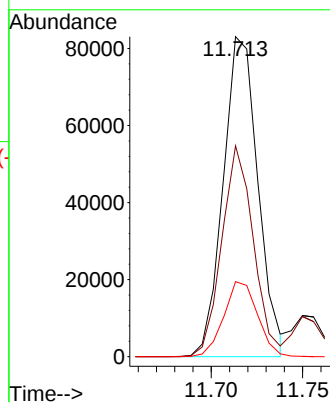
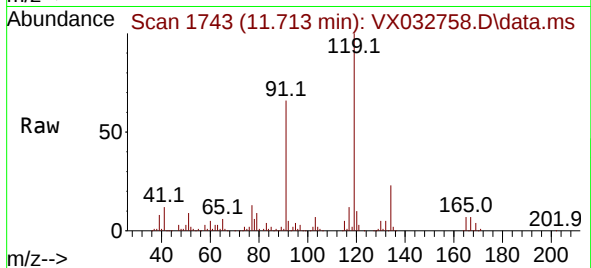
Tgt Ion:	119	Resp:	109898
Ion Ratio	Lower	Upper	
119	100		
91	59.8	0.0	112.0
134	22.9	0.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#80

1,2,4-Trimethylbenzene

Concen: 21.578 ug/l

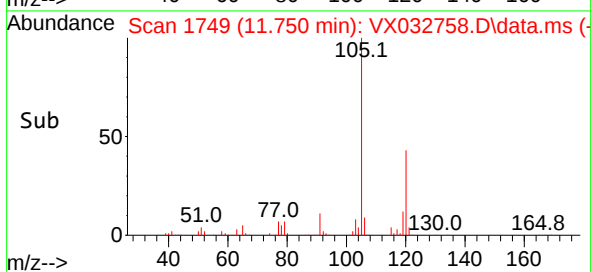
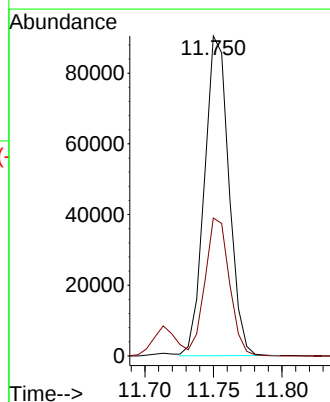
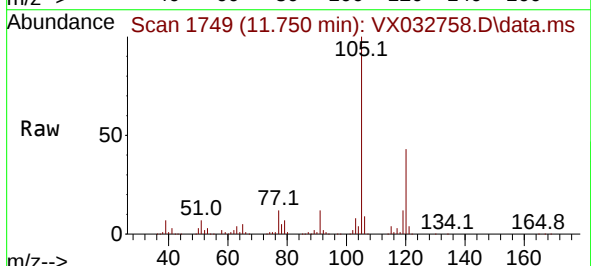
RT: 11.750 min Scan# 1749

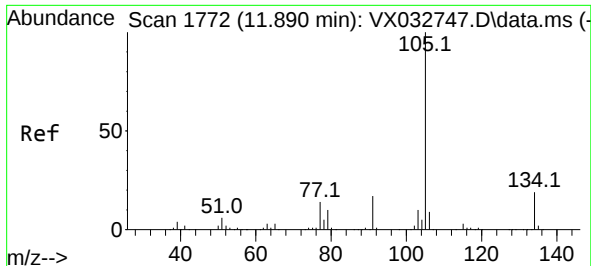
Delta R.T. 0.000 min

Lab File: VX032758.D

Acq: 11 Nov 2022 06:00

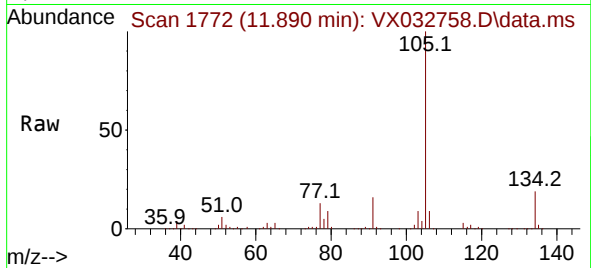
Tgt Ion:	105	Resp:	112364
Ion Ratio	Lower	Upper	
105	100		
120	43.0	0.0	95.0





#81
 sec-Butylbenzene
 Concen: 21.469 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032758.D
 Acq: 11 Nov 2022 06:00

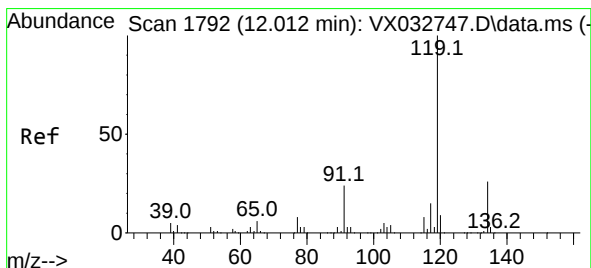
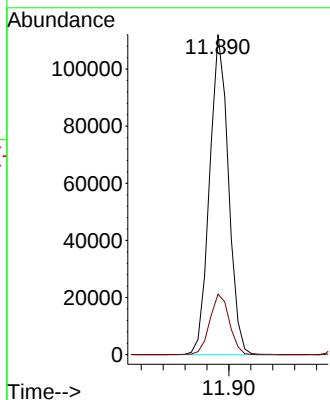
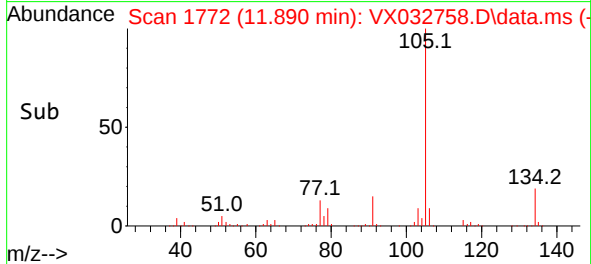
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



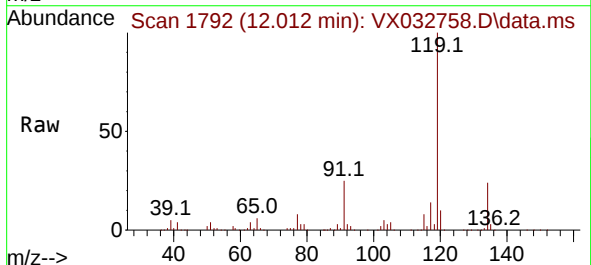
Tgt Ion:105 Resp: 133775
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 44.4

Manual Integrations
 APPROVED

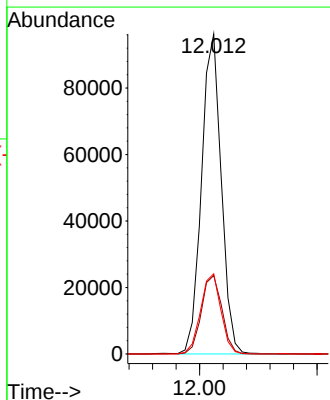
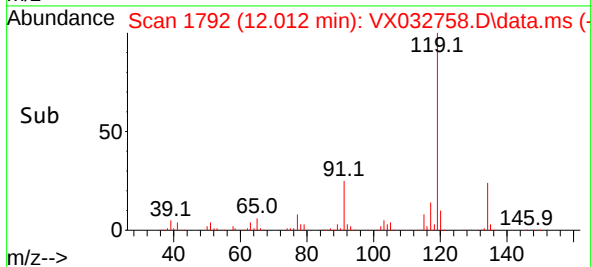
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

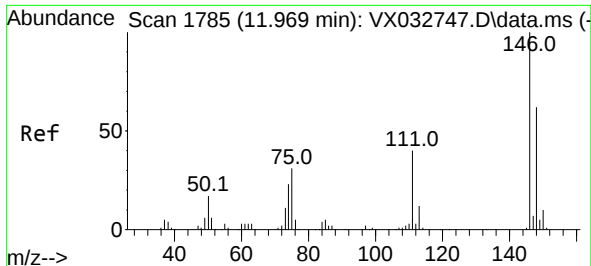


#82
 p-Isopropyltoluene
 Concen: 21.310 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032758.D
 Acq: 11 Nov 2022 06:00



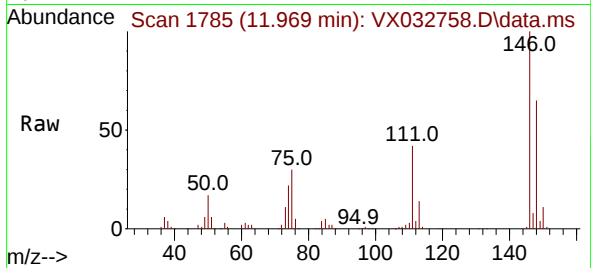
Tgt Ion:119 Resp: 111902
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 55.4
 91 25.7 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 21.076 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

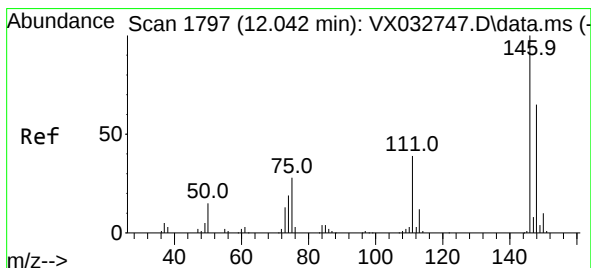
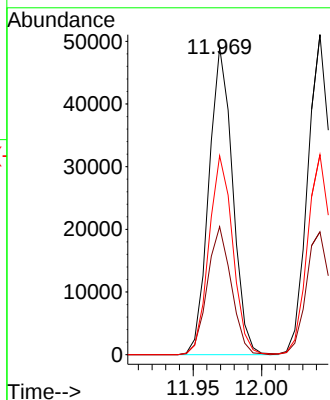
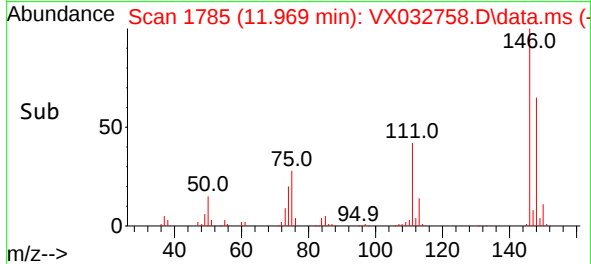
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



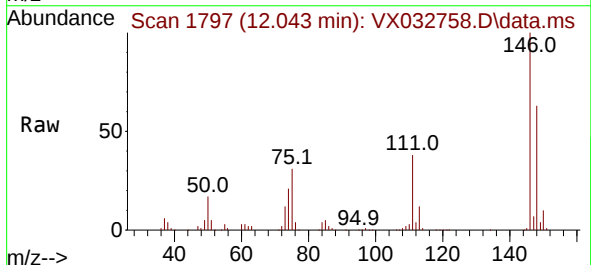
Tgt Ion:146 Resp: 59179
Ion Ratio Lower Upper
146 100
111 41.8 19.4 58.1
148 65.0 32.6 97.7

Manual Integrations
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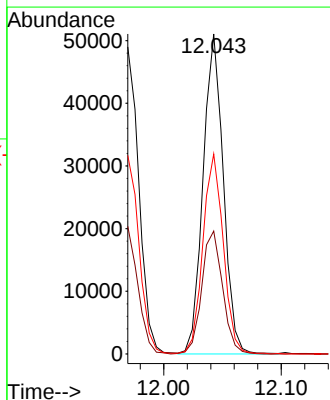
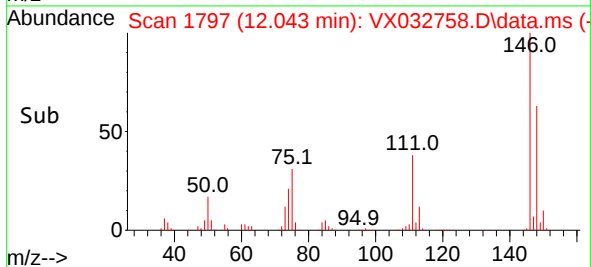
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

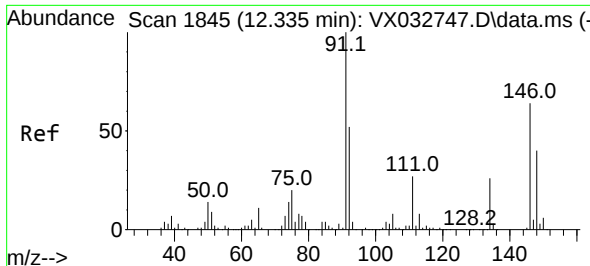


#84
1,4-Dichlorobenzene
Concen: 21.678 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



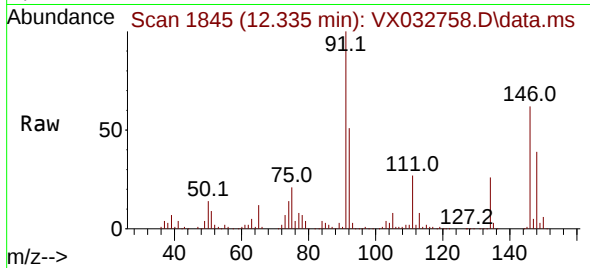
Tgt Ion:146 Resp: 61127
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.5
148 63.0 31.6 95.0





#85
n-Butylbenzene
Concen: 20.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

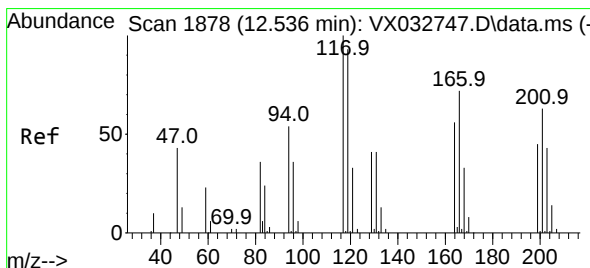
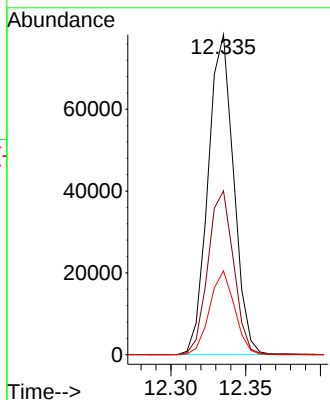
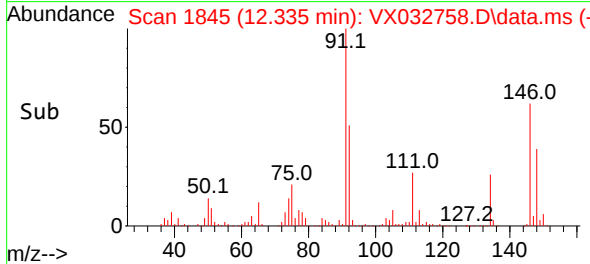
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 9328
Ion Ratio Lower Upper
91 100
92 51.4 0.0 108.4
134 25.5 0.0 60.6

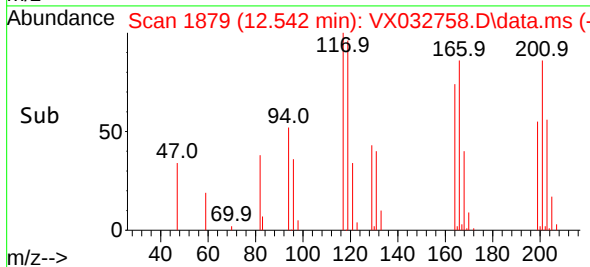
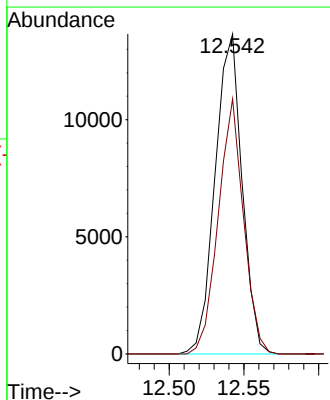
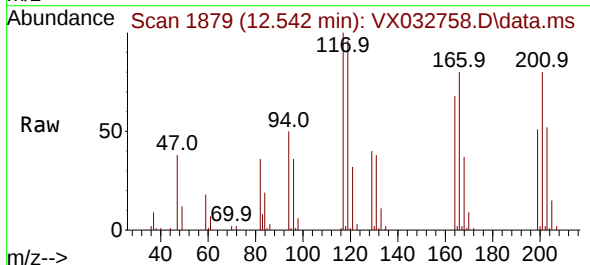
Manual Integrations
APPROVED

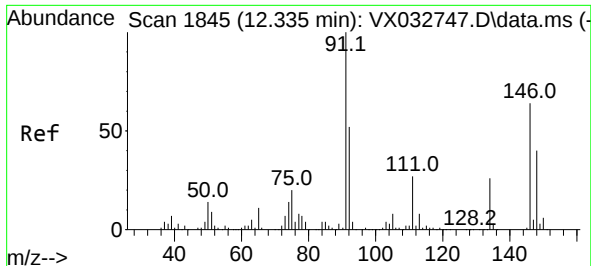
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 19.866 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

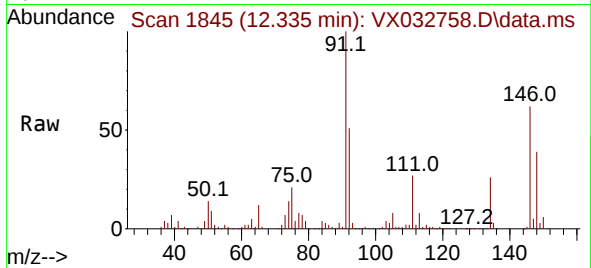
Tgt Ion:117 Resp: 17126
Ion Ratio Lower Upper
117 100
201 74.6 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 21.420 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

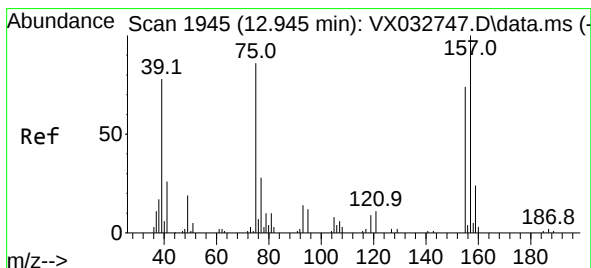
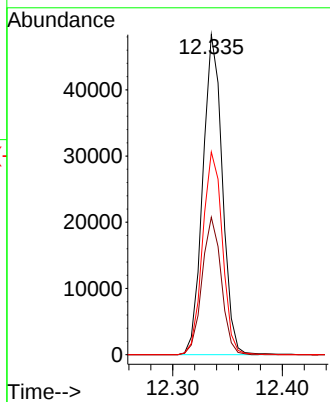
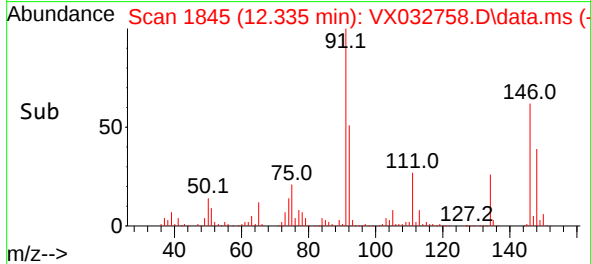
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 59790
Ion Ratio Lower Upper
146 100
111 42.2 20.0 60.0
148 64.1 33.0 99.0

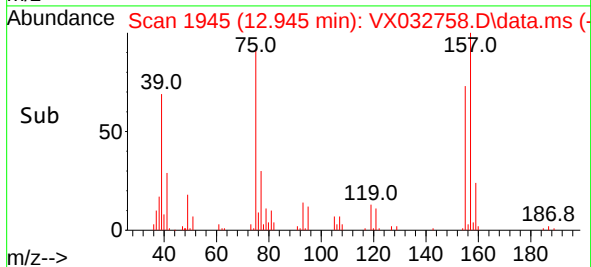
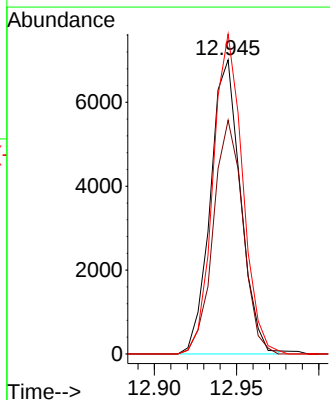
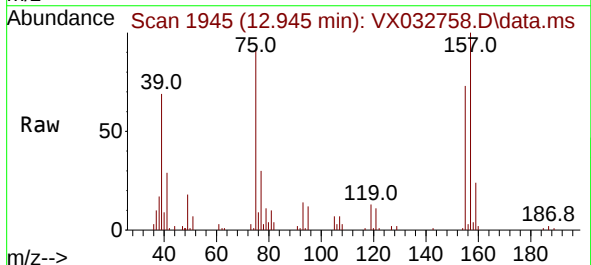
Manual Integrations
APPROVED

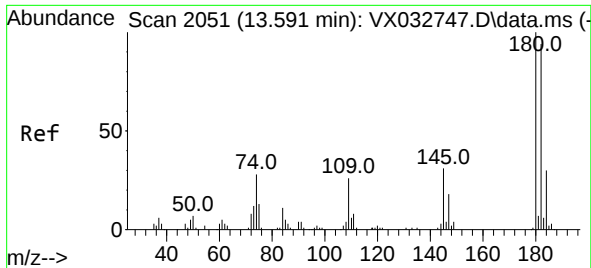
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.103 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Tgt Ion: 75 Resp: 8959
Ion Ratio Lower Upper
75 100
155 78.0 85.0 127.6#
157 106.3 101.0 151.6





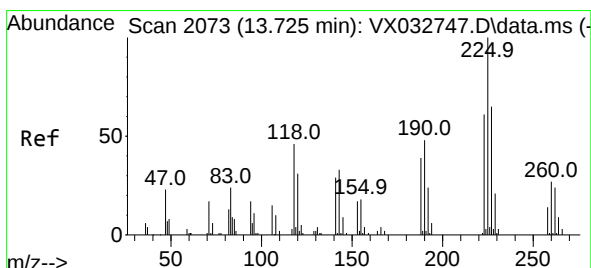
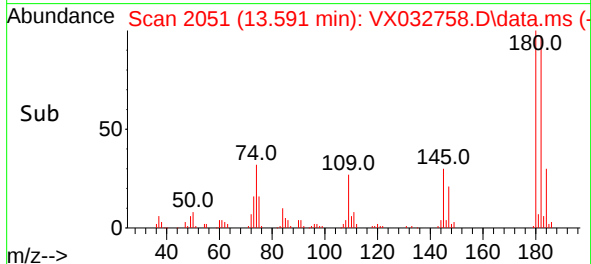
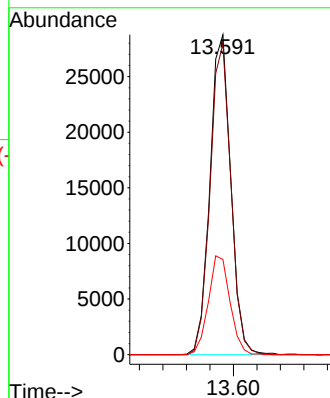
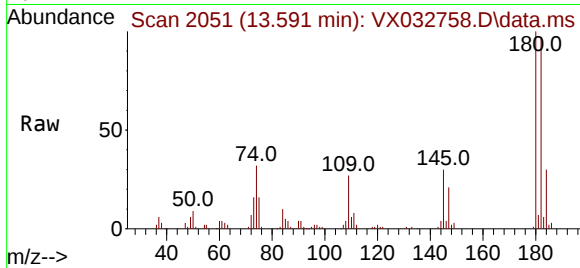
#89
1,2,4-Trichlorobenzene
Concen: 20.667 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:180 Resp: 35429
Ion Ratio Lower Upper
180 100
182 96.4 75.3 112.9
145 32.0 25.9 38.9

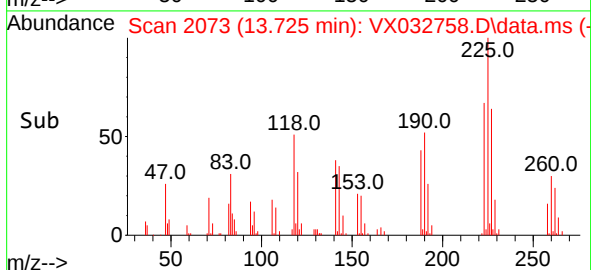
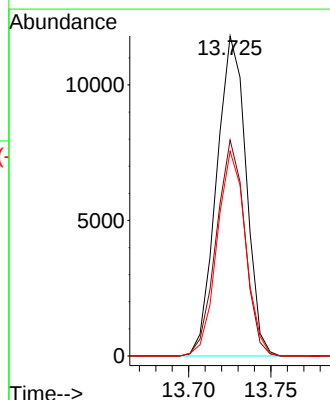
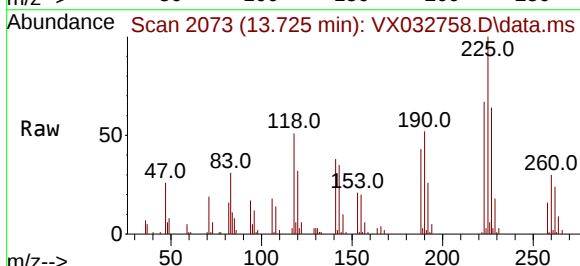
Manual Integrations
APPROVED

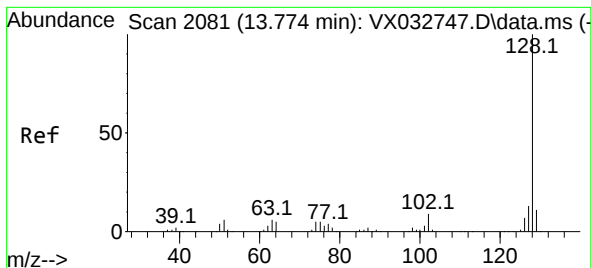
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#90
Hexachlorobutadiene
Concen: 21.414 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

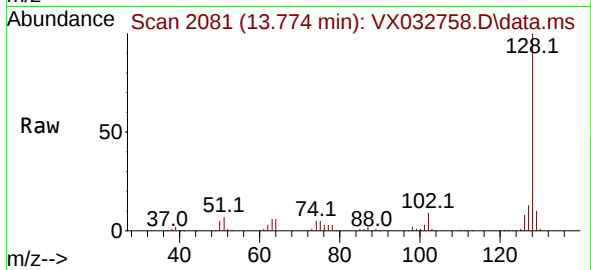
Tgt Ion:225 Resp: 14775
Ion Ratio Lower Upper
225 100
223 64.9 0.0 126.0
227 61.7 0.0 127.6





#91
Naphthalene
Concen: 21.144 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00

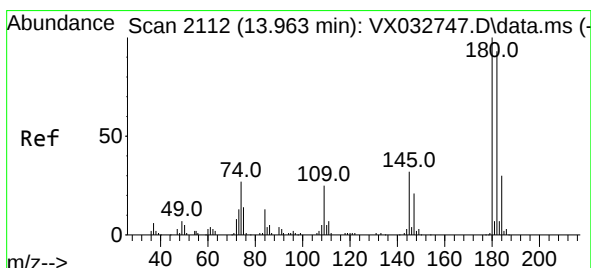
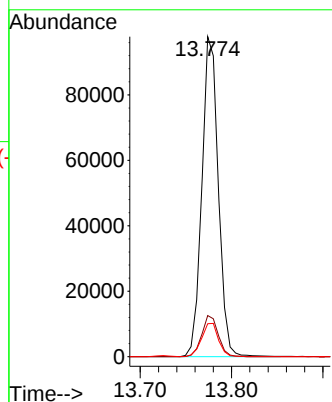
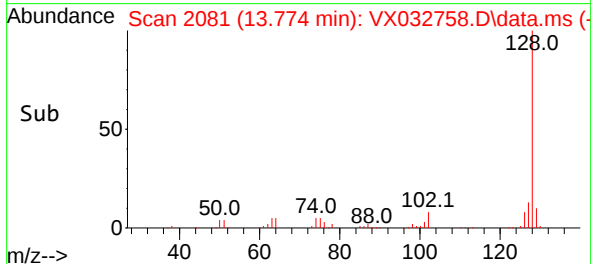
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



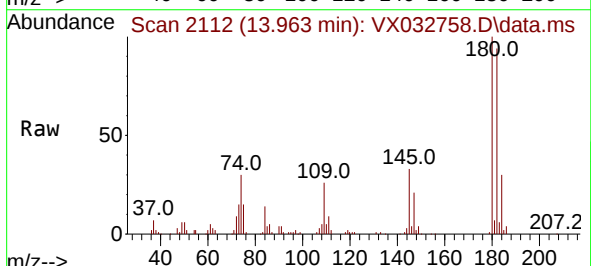
Tgt Ion:128 Resp: 12234
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.190 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032758.D
Acq: 11 Nov 2022 06:00



Tgt Ion:180 Resp: 36535
Ion Ratio Lower Upper
180 100
182 94.6 0.0 199.0
145 34.8 0.0 68.2

