

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032747.D
 Acq On : 11 Nov 2022 00:35
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 04:56:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 04:46:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	11681	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81475	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	89990	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	34066	37.144	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 123.800%#			
60) 4-Bromofluorobenzene	11.079	95	50260	30.346	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 101.167%			
63) Toluene-d8	8.647	98	90295	21.335	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 71.133%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22176	36.391	ug/l	98
3) Chloromethane	1.294	50	21642	35.165	ug/l	98
4) Vinyl Chloride	1.374	62	24502	31.389	ug/l	96
5) Bromomethane	1.611	94	21022	29.544	ug/l	95
6) Chloroethane	1.685	64	18590	27.934	ug/l	92
7) Trichlorofluoromethane	1.886	101	46747	28.986	ug/l	99
8) Diethyl Ether	2.130	74	14917	27.878	ug/l	70
9) 1,1,2-Trichlorotrifluo...	2.331	101	24694	31.090	ug/l	97
10) 1,1-Dichloroethene	2.319	96	23166	31.340	ug/l #	82
11) Methyl Iodide	2.453	142	22922	28.350	ug/l	99
12) Methyl Acetate	2.703	43	34778	37.692	ug/l	90
13) Acrolein	2.239	56	21909	227.187	ug/l	98
14) Acrylonitrile	3.068	53	60823	166.304	ug/l	99
15) Acetone	2.386	58	16370	166.663	ug/l	82
16) Carbon Disulfide	2.514	76	56100	33.202	ug/l	100
17) Allyl chloride	2.666	41	36015	37.059	ug/l	89
18) Methylene Chloride	2.788	84	26796	31.675	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	25167	29.960	ug/l #	83
20) Diisopropyl ether	3.763	45	80318	36.534	ug/l #	83
21) 1,1-Dichloroethane	3.611	63	46818	33.773	ug/l	94
22) cis-1,2-Dichloroethene	4.495	96	29271	29.119	ug/l	89
23) tert-Butyl Alcohol	2.983	59	22001	164.060	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	81129	31.807	ug/l #	90
25) Chloroform	5.092	83	50528	31.012	ug/l	99
26) Cyclohexane	5.470	56	39841	34.582	ug/l #	85
29) 1,1-Dichloropropene	5.696	75	36367	26.638	ug/l	96
30) 2-Butanone	4.562	43	84962	148.934	ug/l	90
31) 2,2-Dichloropropane	4.477	77	31057	23.483	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	45585	25.458	ug/l	95
33) Carbon Tetrachloride	5.684	117	39581	24.452	ug/l	97
34) Benzene	6.037	78	103048	25.869	ug/l #	94
35) Methacrylonitrile	4.928	41	18993	31.007	ug/l	90
36) 1,2-Dichloroethane	6.092	62	43136	29.445	ug/l #	93
37) Trichloroethene	7.129	130	28803	22.725	ug/l	90
38) Methylcyclohexane	7.379	83	40797	24.906	ug/l	88
39) 1,2-Dichloropropane	7.434	63	25779	27.547	ug/l	95
40) Dibromomethane	7.586	93	19910	25.250	ug/l	98
41) Bromodichloromethane	7.824	83	37039	25.541	ug/l	97
42) Vinyl Acetate	3.721	43	322707	153.446	ug/l #	91

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Instrument :
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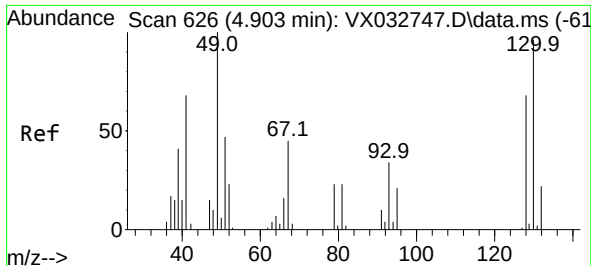
Manual Integrations
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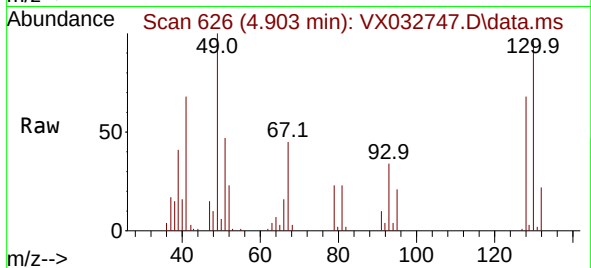
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	4.714	43	34878	30.150	ug/l	#	88
44) Isopropyl Acetate	6.342	43	56116	30.233	ug/l		93
45) 1,4-Dioxane	7.690	88	11133	471.262	ug/l	#	84
46) Methyl methacrylate	7.696	41	28473	32.165	ug/l		86
47) n-amyl Acetate	10.841	43	50220	31.041	ug/l		94
48) t-1,3-Dichloropropene	8.982	75	37048	25.661	ug/l		98
49) cis-1,3-Dichloropropene	8.366	75	39725	25.356	ug/l	#	87
50) 1,1,2-Trichloroethane	9.153	97	26534	23.654	ug/l		91
51) Ethyl methacrylate	9.116	69	39929	26.483	ug/l		85
52) 1,3-Dichloropropane	9.311	76	45114	25.693	ug/l		98
53) Dibromochloromethane	9.525	129	28319	22.559	ug/l		99
54) 1,2-Dibromoethane	9.610	107	28566	23.075	ug/l		96
55) 2-Chloroethyl vinyl ether	8.244	63	97312	133.235	ug/l	#	93
56) Bromoform	10.799	173	19952	21.685	ug/l		98
58) 4-Methyl-2-Pentanone	8.574	43	180909	138.544	ug/l	#	91
59) 2-Hexanone	9.433	43	133941	137.524	ug/l		90
61) Tetrachloroethene	9.275	164	24669	17.539	ug/l		94
62) Toluene	8.720	91	116315	22.129	ug/l		99
64) Chlorobenzene	10.079	112	71713	20.405	ug/l		99
65) 1,1,1,2-Tetrachloroethane	10.165	131	27362	20.354	ug/l		99
66) Ethyl Benzene	10.195	91	130303	22.083	ug/l		97
67) m/p-Xylenes	10.305	106	100845	41.723	ug/l		87
68) o-Xylene	10.640	106	49579	20.837	ug/l		90
69) Styrene	10.659	104	82400	21.240	ug/l		95
70) Isopropylbenzene	10.963	105	132849	21.417	ug/l		96
71) 1,1,2,2-Tetrachloroethane	11.213	83	40936	22.794	ug/l		96
72) 1,2,3-Trichloropropane	11.238	75	36663m	23.472	ug/l		
73) Bromobenzene	11.201	156	32253	19.618	ug/l		90
74) n-propylbenzene	11.305	91	150606	21.949	ug/l		95
75) 2-Chlorotoluene	11.366	91	91648	22.169	ug/l		93
76) 1,3,5-Trimethylbenzene	11.451	105	112745	21.575	ug/l		96
77) t-1,4-Dichloro-2-butene	11.018	75	10018	21.659	ug/l		91
78) 4-Chlorotoluene	11.457	91	104912	22.261	ug/l		93
79) tert-butylbenzene	11.713	119	108177	20.742	ug/l		94
80) 1,2,4-Trimethylbenzene	11.750	105	111855	21.585	ug/l		93
81) sec-Butylbenzene	11.890	105	130692	20.508	ug/l		95
82) p-Isopropyltoluene	12.012	119	110394	19.879	ug/l		95
83) 1,3-Dichlorobenzene	11.969	146	59777	19.287	ug/l		98
84) 1,4-Dichlorobenzene	12.042	146	59777	18.949	ug/l		98
85) n-Butylbenzene	12.335	91	92825	21.178	ug/l		94
86) Hexachloroethane	12.536	117	17279	19.501	ug/l		100
87) 1,2-Dichlorobenzene	12.335	146	59095	19.176	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8117	22.473	ug/l	#	83
89) 1,2,4-Trichlorobenzene	13.591	180	35488	17.753	ug/l		99
90) Hexachlorobutadiene	13.725	225	14286	17.718	ug/l		99
91) Naphthalene	13.774	128	122264	19.214	ug/l		99
92) 1,2,3-Trichlorobenzene	13.963	180	36759	18.457	ug/l		96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

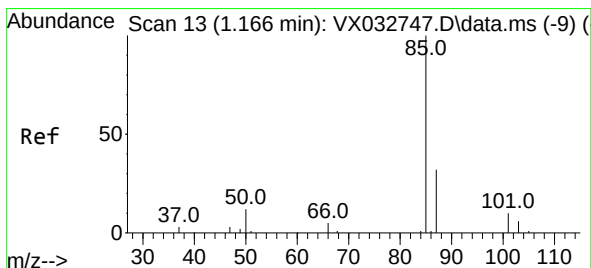
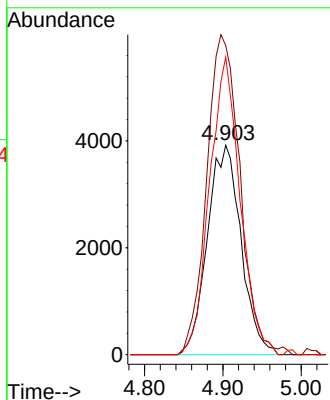
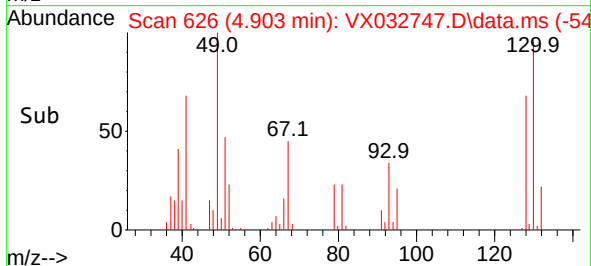
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



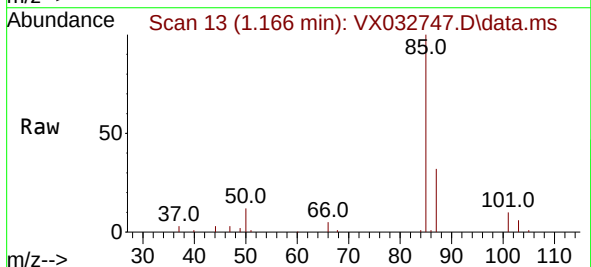
Tgt Ion:128 Resp: 1168
Ion Ratio Lower Upper
128 100
49 151.0 0.0 293.0
130 129.5 0.0 321.5

Manual Integrations
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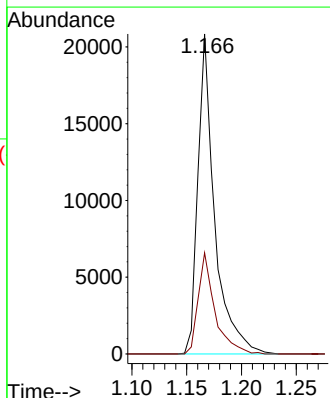
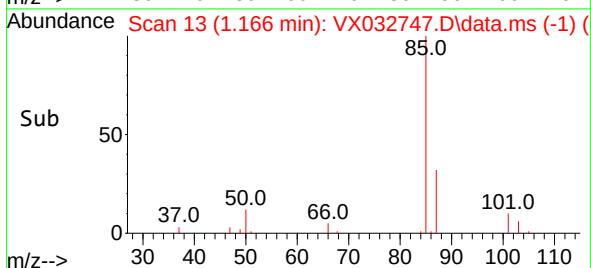
Reviewed By :John Carlone 11/11/2022
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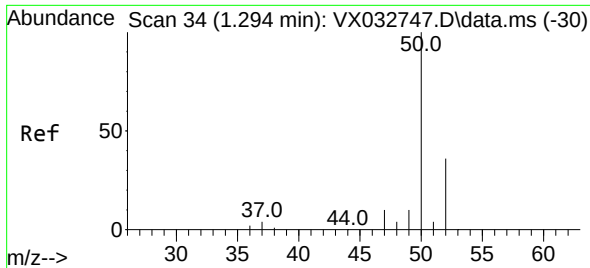


#2
Dichlorodifluoromethane
Concen: 36.391 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



Tgt Ion: 85 Resp: 22176
Ion Ratio Lower Upper
85 100
87 31.6 16.5 49.5





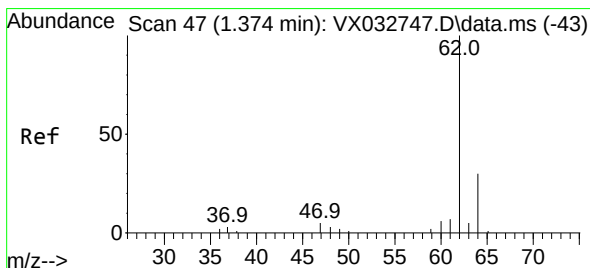
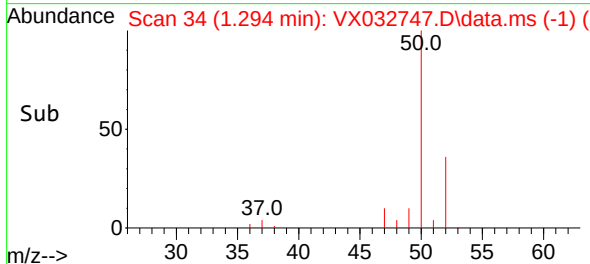
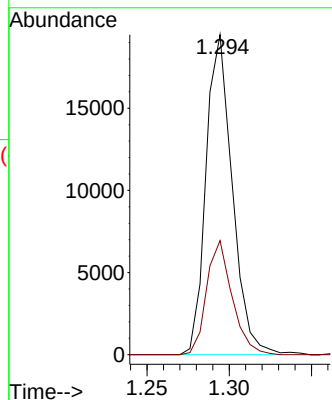
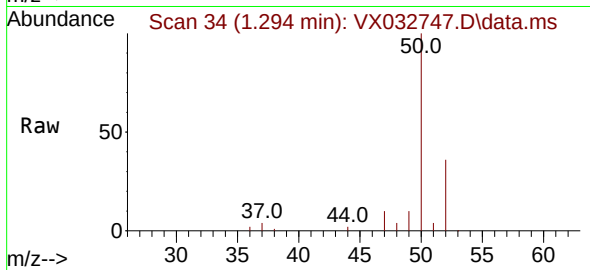
#3
Chloromethane
Concen: 35.165 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 2164
Ion Ratio Lower Upper
50 100
52 35.6 27.6 41.4

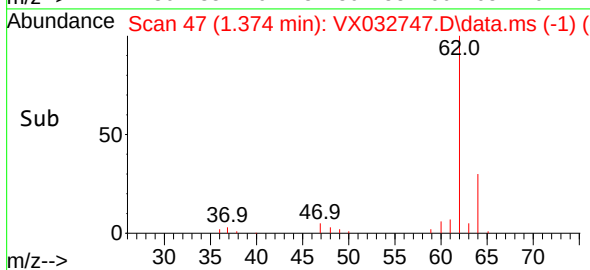
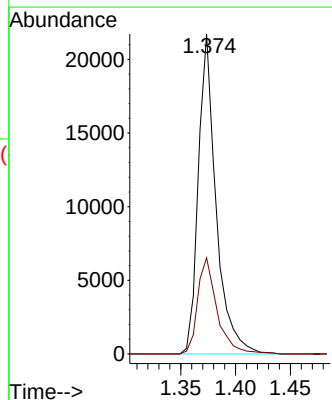
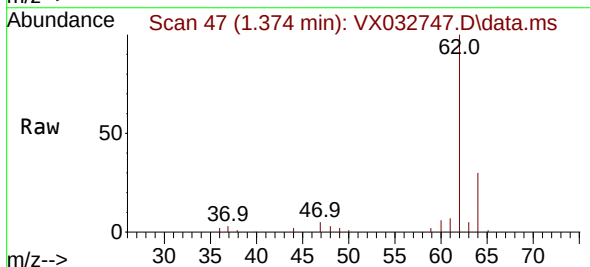
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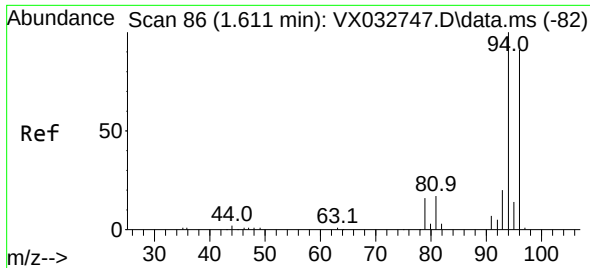
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Vinyl Chloride
Concen: 31.389 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 62 Resp: 24502
Ion Ratio Lower Upper
62 100
64 30.0 25.7 38.5





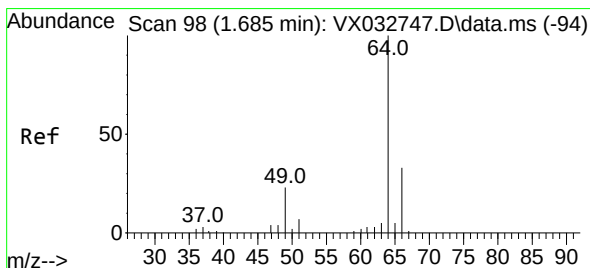
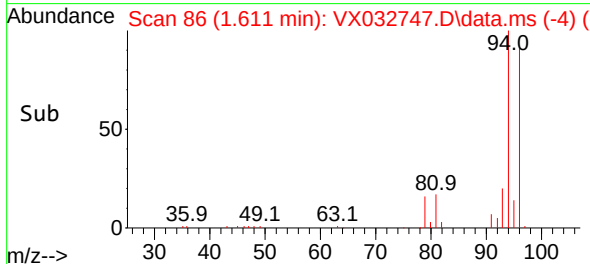
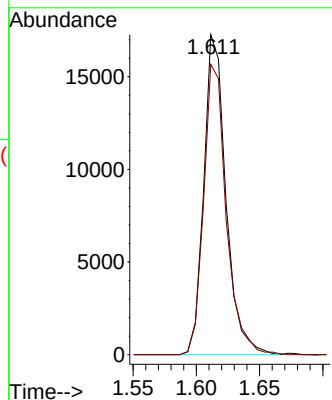
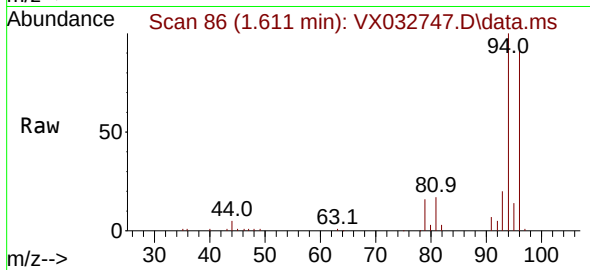
#5
Bromomethane
Concen: 29.544 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

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Tgt Ion: 94 Resp: 2102
Ion Ratio Lower Upper
94 100
96 90.7 76.8 115.2

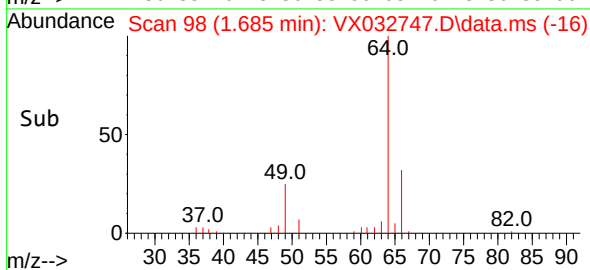
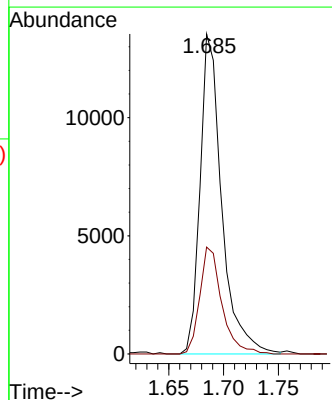
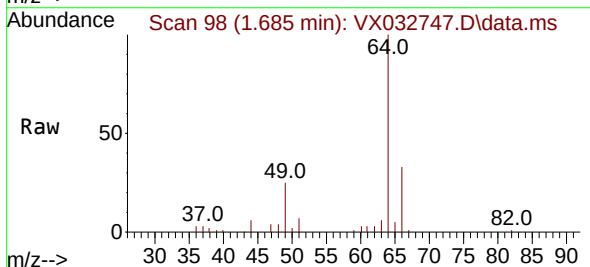
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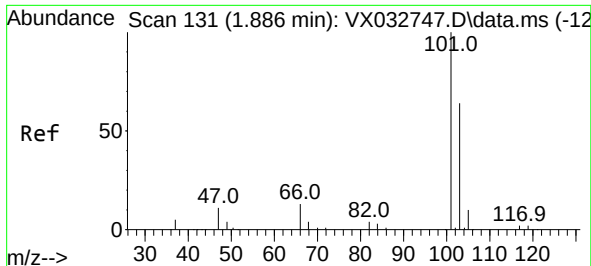
Reviewed By :John Carlone 11/11/2022
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#6
Chloroethane
Concen: 27.934 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 64 Resp: 18590
Ion Ratio Lower Upper
64 100
66 33.4 30.6 46.0





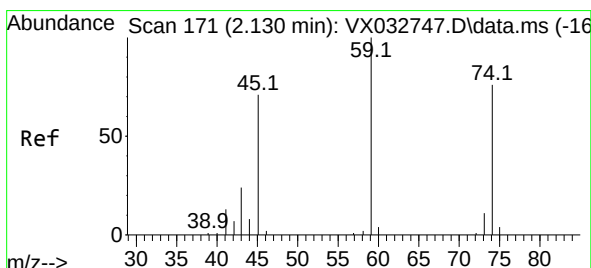
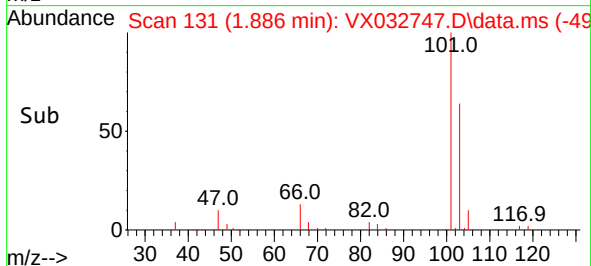
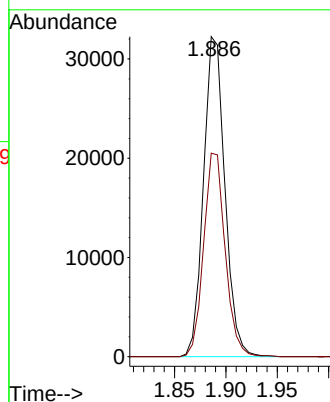
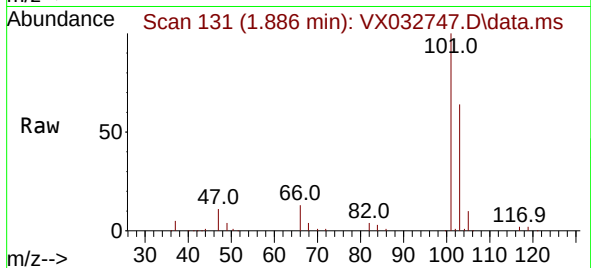
#7
 Trichlorofluoromethane
 Concen: 28.986 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX032747.D
 Acq: 11 Nov 2022 00:35

Instrument :
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Tgt Ion:101 Resp: 4674
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.7 77.5

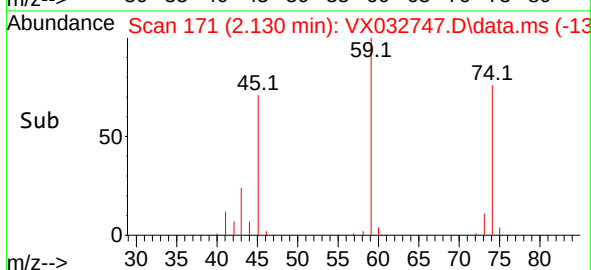
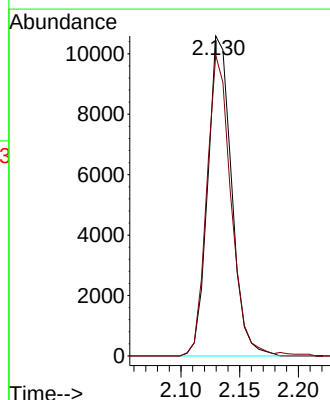
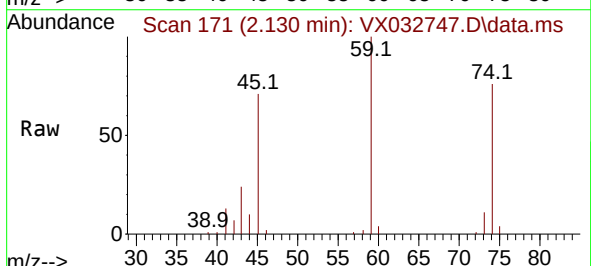
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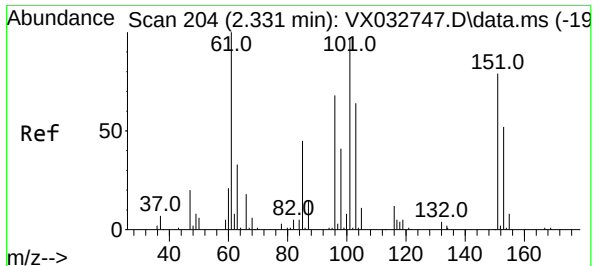
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#8
 Diethyl Ether
 Concen: 27.878 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032747.D
 Acq: 11 Nov 2022 00:35

Tgt Ion: 74 Resp: 14917
 Ion Ratio Lower Upper
 74 100
 45 95.6 14.2 127.8





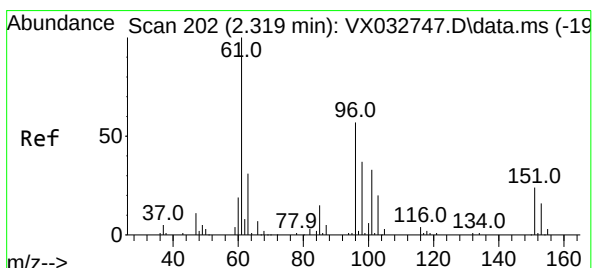
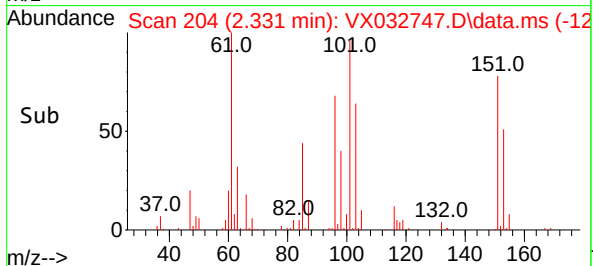
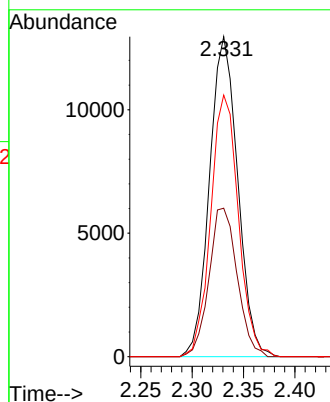
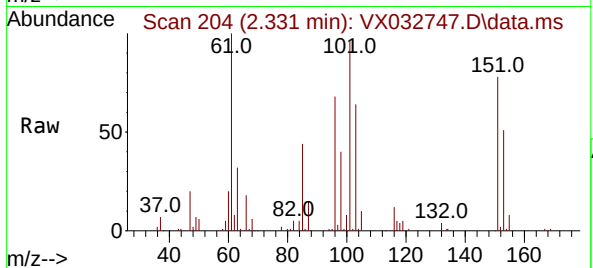
#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.090 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 24694
Ion Ratio Lower Upper
101 100
85 46.4 0.0 88.8
151 80.3 0.0 156.6

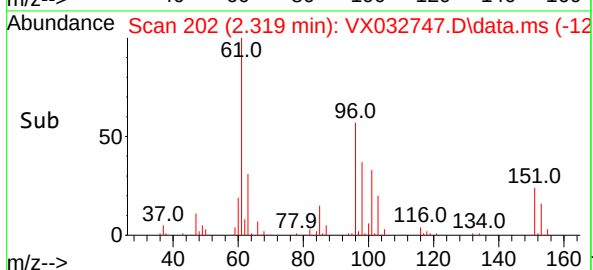
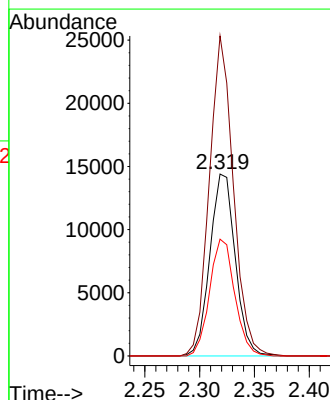
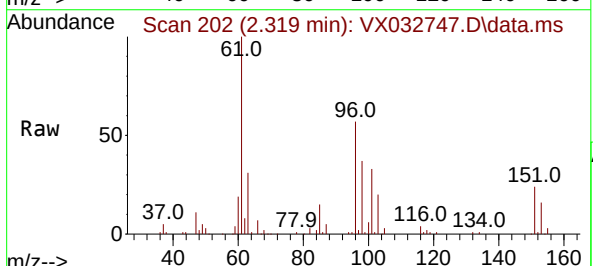
Manual Integrations
APPROVED

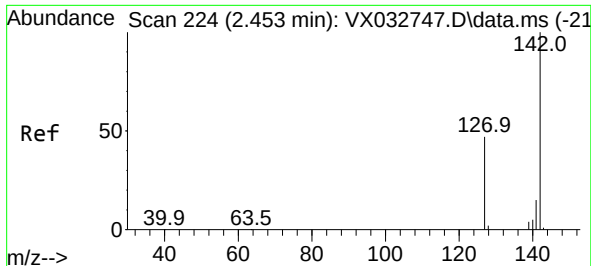
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 31.340 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

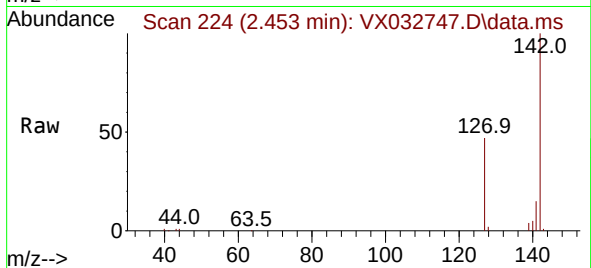
Tgt Ion: 96 Resp: 23166
Ion Ratio Lower Upper
96 100
61 176.0 115.8 173.6#
98 64.2 49.7 74.5





#11
Methyl Iodide
Concen: 28.350 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

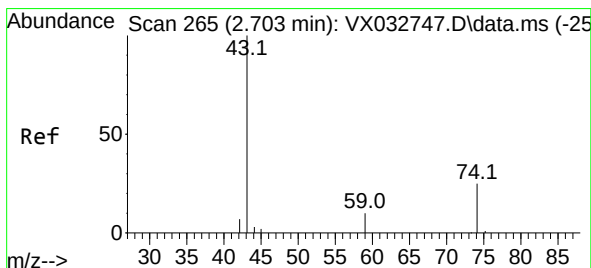
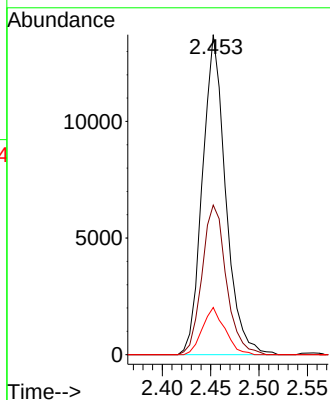
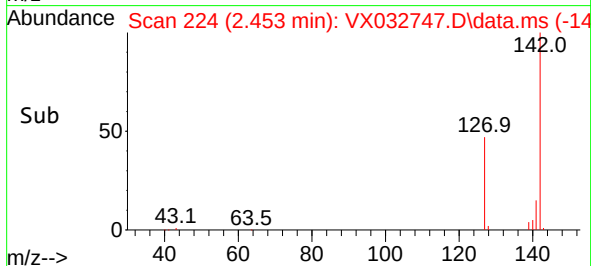
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 2292
Ion Ratio Lower Upper
142 100
127 46.8 23.8 71.2
141 14.8 7.6 22.8

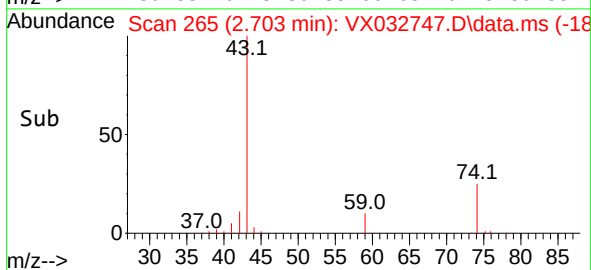
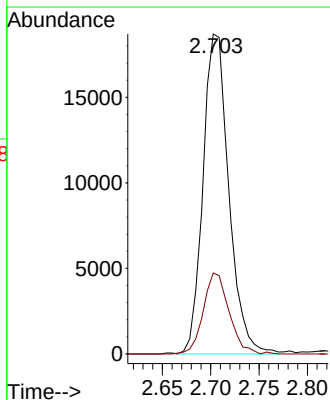
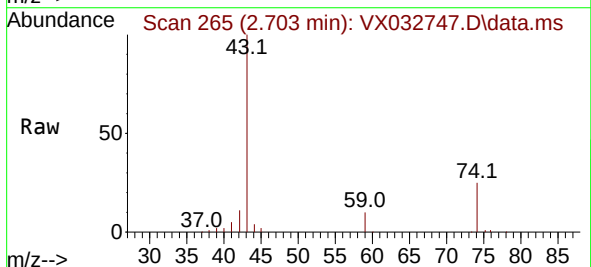
Manual Integrations
APPROVED

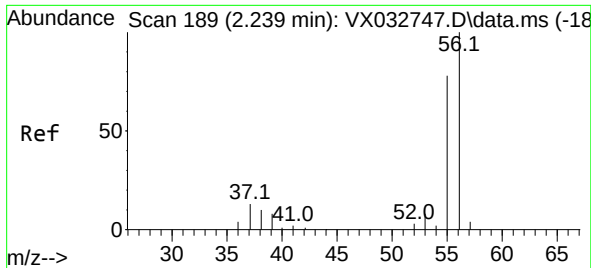
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
Methyl Acetate
Concen: 37.692 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 43 Resp: 34778
Ion Ratio Lower Upper
43 100
74 25.2 24.8 37.2





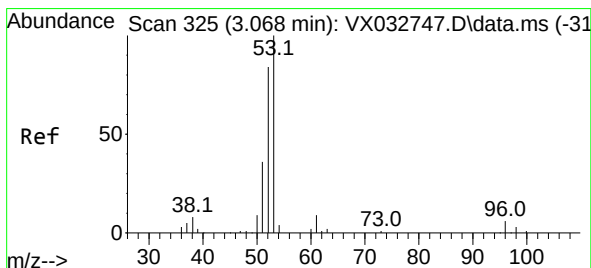
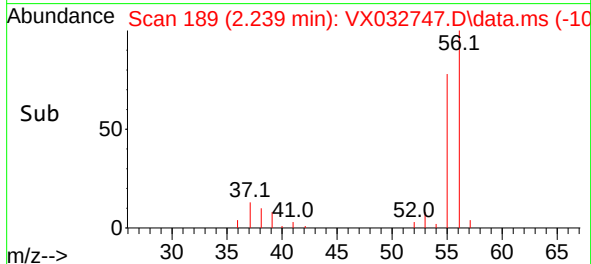
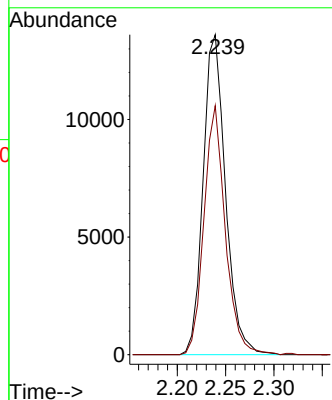
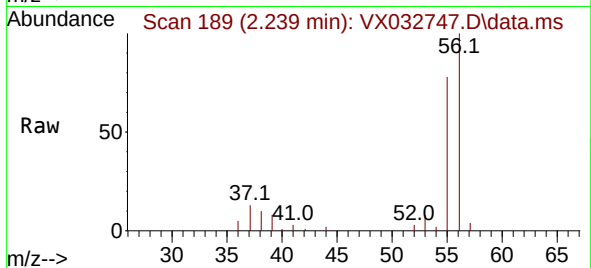
#13
Acrolein
Concen: 227.187 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 56 Resp: 21909
Ion Ratio Lower Upper
56 100
55 74.3 58.4 87.6

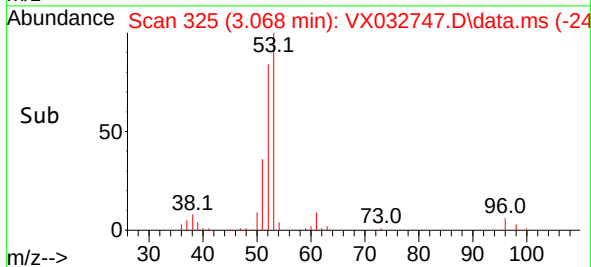
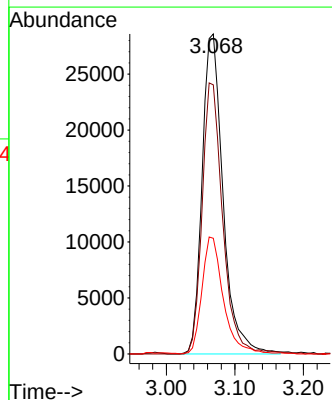
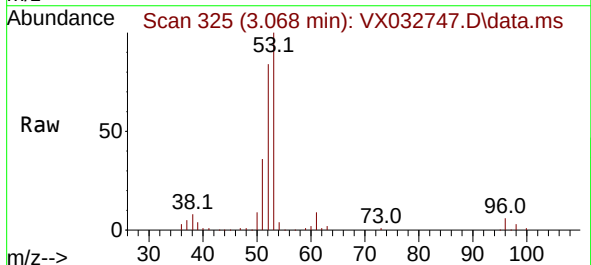
Manual Integrations
APPROVED

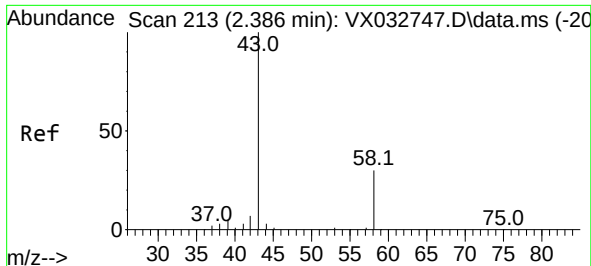
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#14
Acrylonitrile
Concen: 166.304 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 53 Resp: 60823
Ion Ratio Lower Upper
53 100
52 83.3 41.5 124.5
51 37.3 18.3 54.9





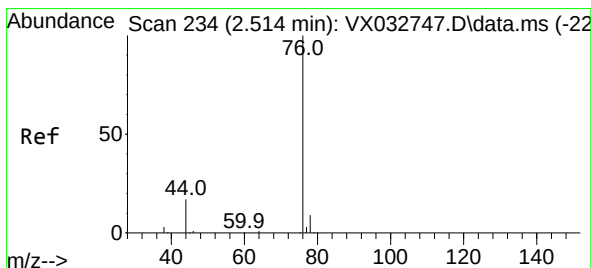
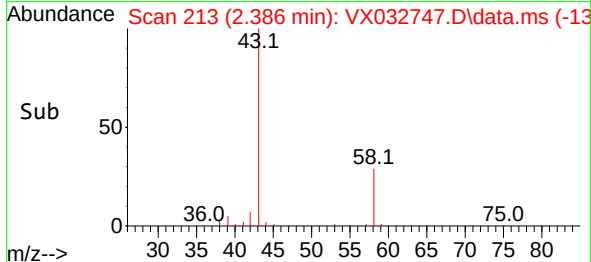
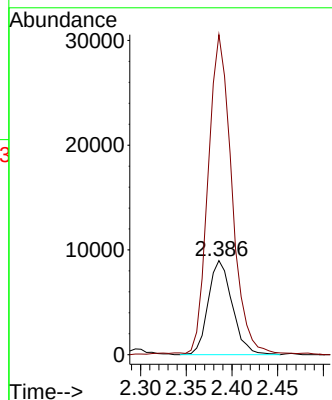
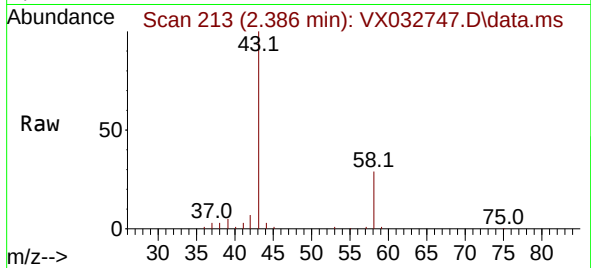
#15
Acetone
Concen: 166.663 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 16370
Ion Ratio Lower Upper
58 100
43 338.3 242.6 364.0

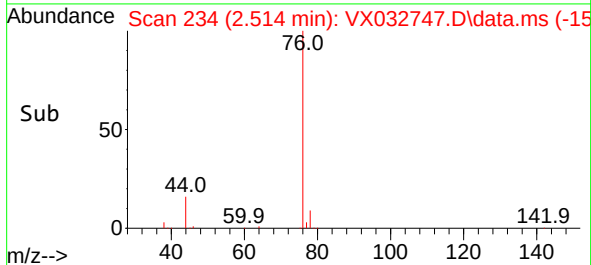
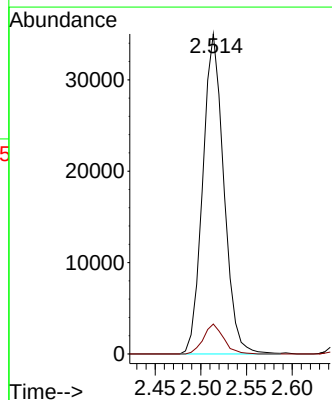
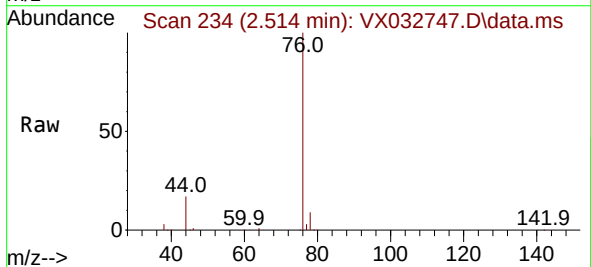
Manual Integrations
APPROVED

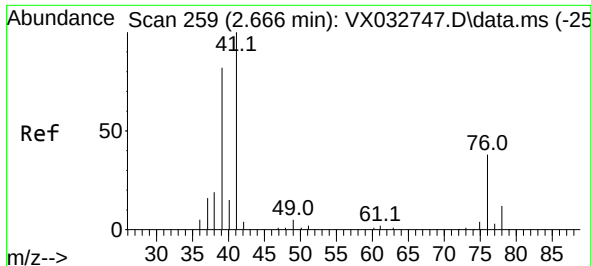
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 33.202 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 76 Resp: 56100
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3





#17

Allyl chloride

Concen: 37.059 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

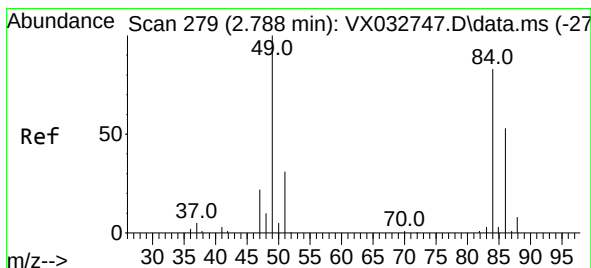
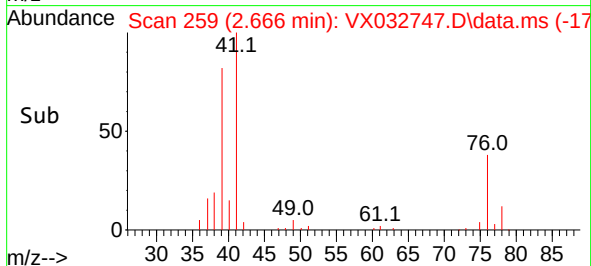
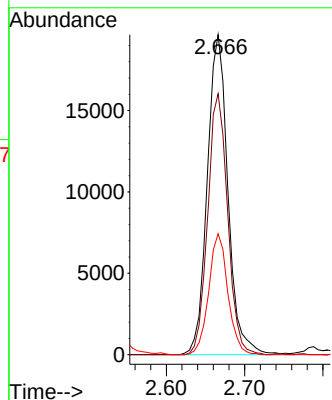
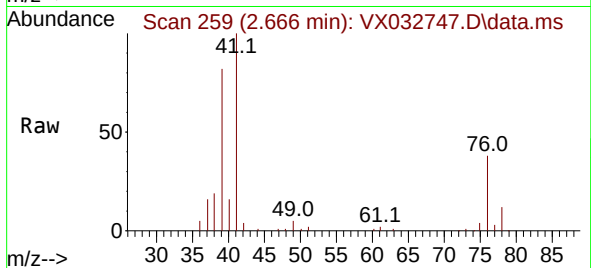
Tgt Ion:	41	Resp:	3601
Ion	Ratio	Lower	Upper
41	100		
39	81.6	37.0	111.0
76	37.8	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

Methylene Chloride

Concen: 31.675 ug/l

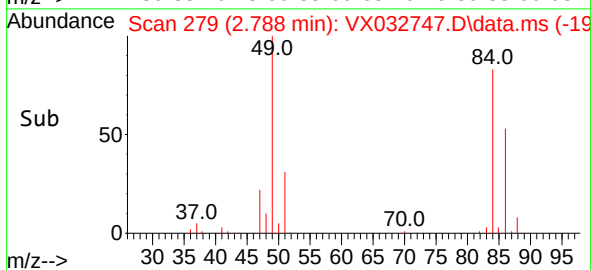
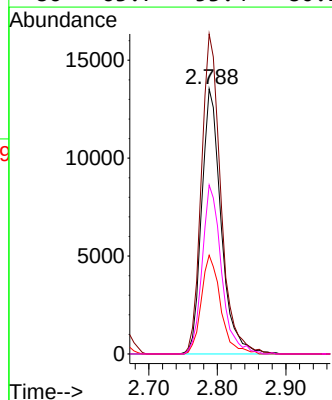
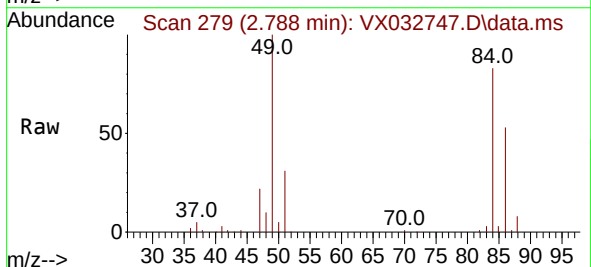
RT: 2.788 min Scan# 279

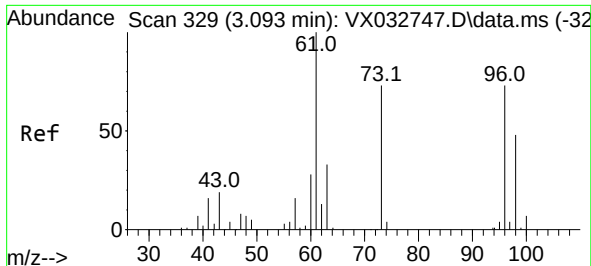
Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion:	84	Resp:	26796
Ion	Ratio	Lower	Upper
84	100		
49	120.7	84.6	127.0
51	37.3	26.5	39.7
86	63.7	53.4	80.2





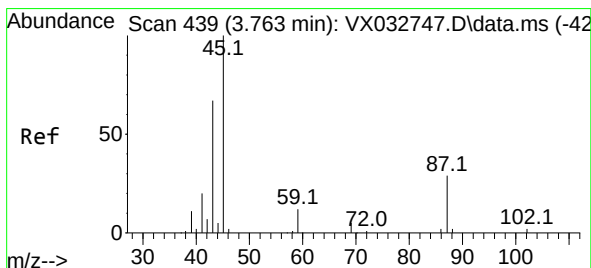
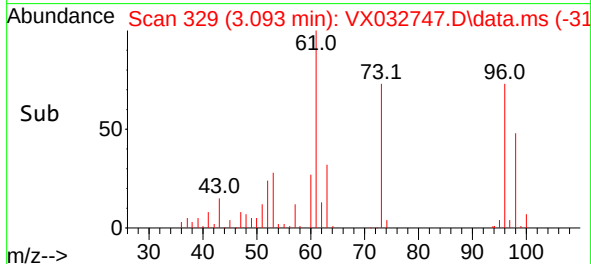
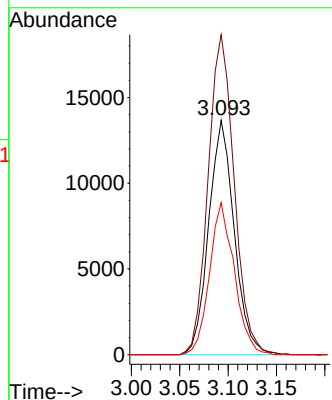
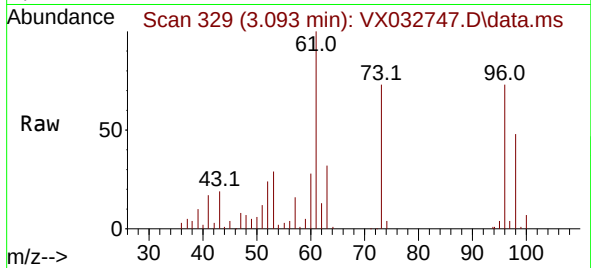
#19
trans-1,2-Dichloroethene
Concen: 29.960 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 2516
Ion Ratio Lower Upper
96 100
61 136.5 87.4 131.0#
98 64.9 51.5 77.3

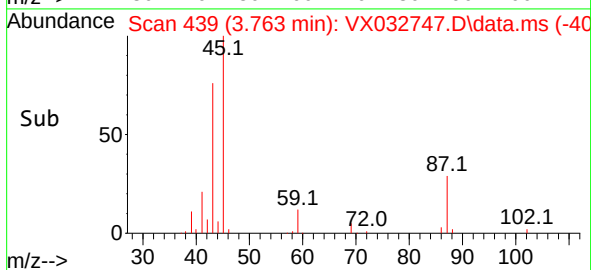
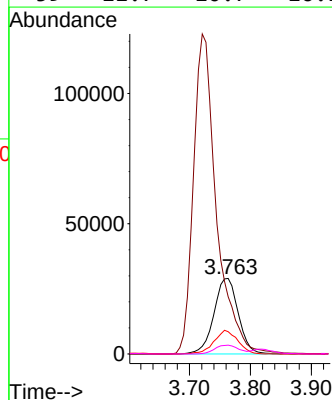
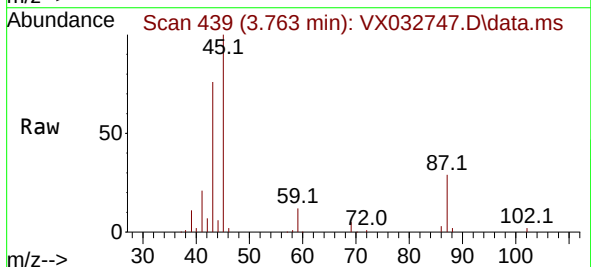
Manual Integrations
APPROVED

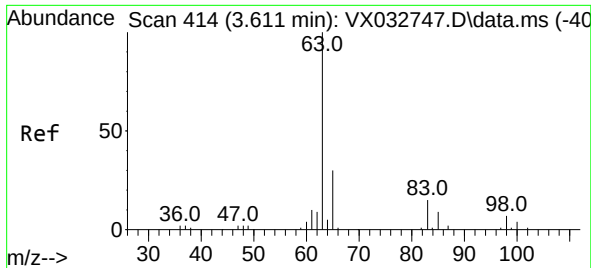
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Diisopropyl ether
Concen: 36.534 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 45 Resp: 80318
Ion Ratio Lower Upper
45 100
43 73.6 74.5 111.7#
87 29.4 30.4 45.6#
59 11.7 10.7 16.1





#21

1,1-Dichloroethane

Concen: 33.773 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

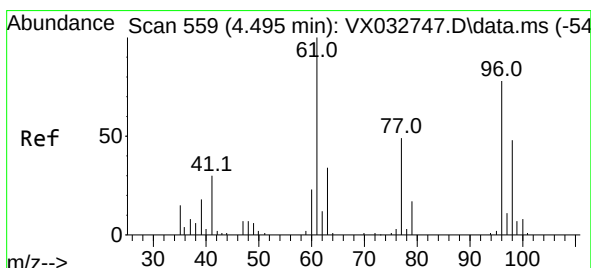
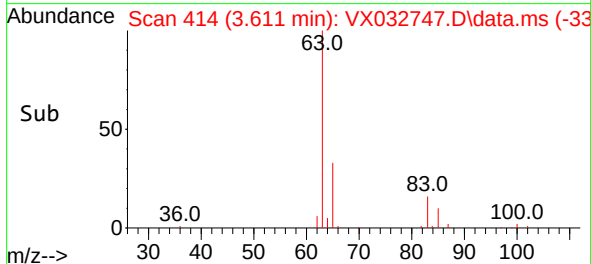
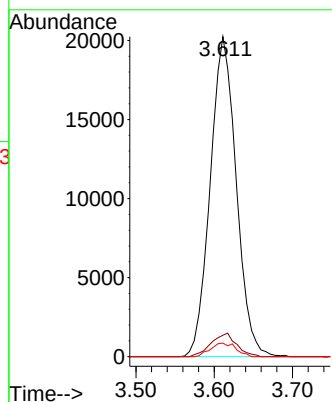
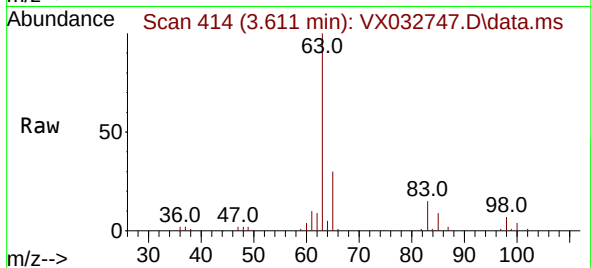
Tgt Ion: 63	Resp: 46818
Ion Ratio	Lower Upper
63 100	
98 6.7	4.5 13.7
100 4.2	2.8 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#22

cis-1,2-Dichloroethene

Concen: 29.119 ug/l

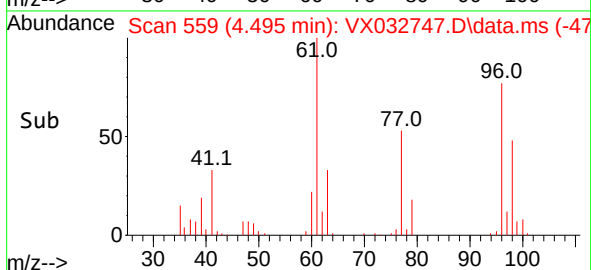
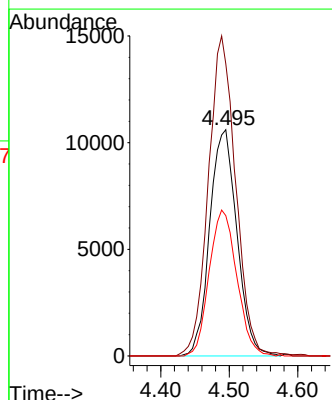
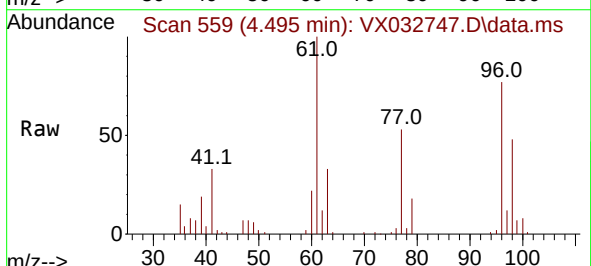
RT: 4.495 min Scan# 559

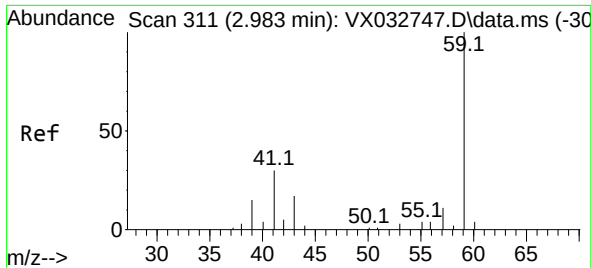
Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion: 96	Resp: 29271
Ion Ratio	Lower Upper
96 100	
61 141.9	98.0 147.0
98 65.3	52.2 78.4





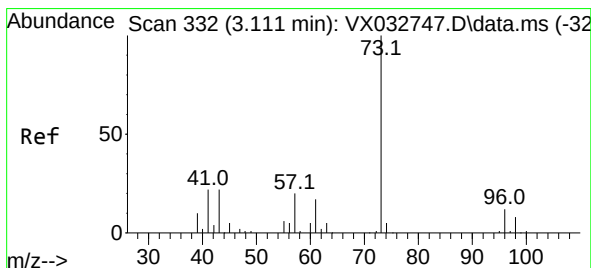
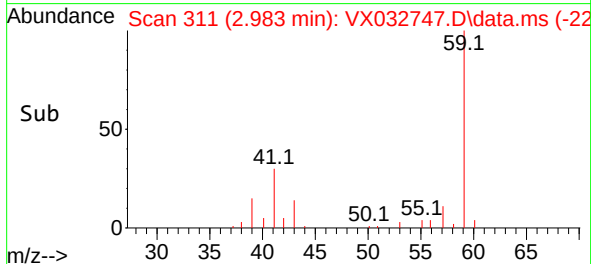
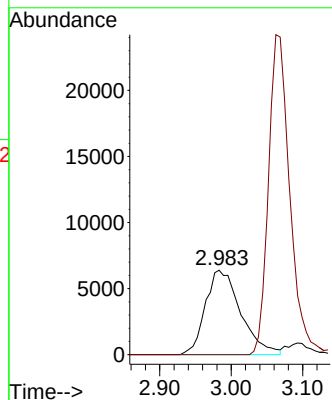
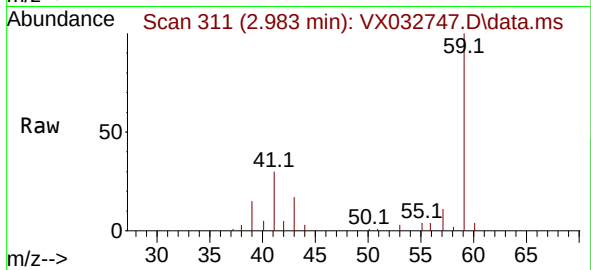
#23
tert-Butyl Alcohol
Concen: 164.060 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 2200
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

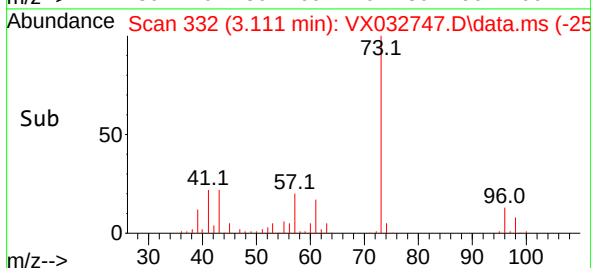
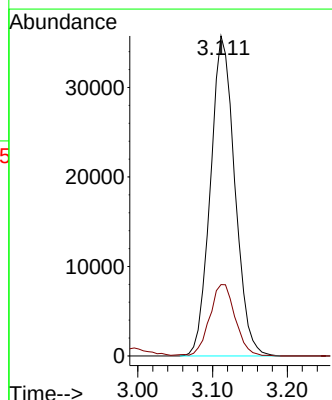
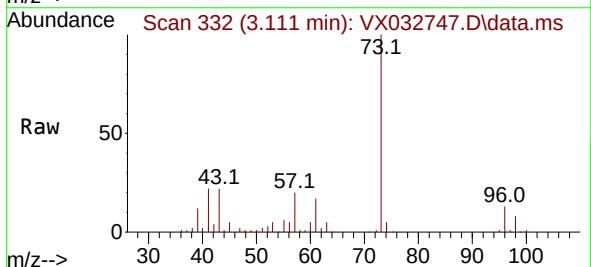
Manual Integrations
APPROVED

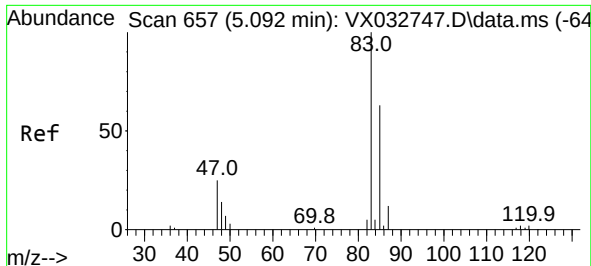
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 31.807 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 73 Resp: 81129
Ion Ratio Lower Upper
73 100
43 22.8 14.8 22.2#





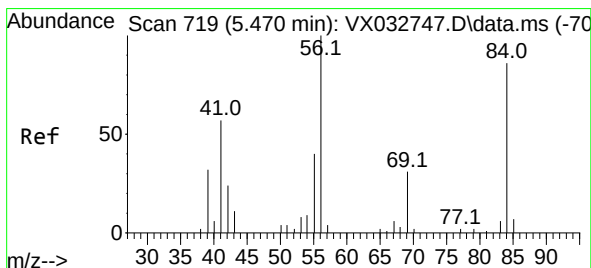
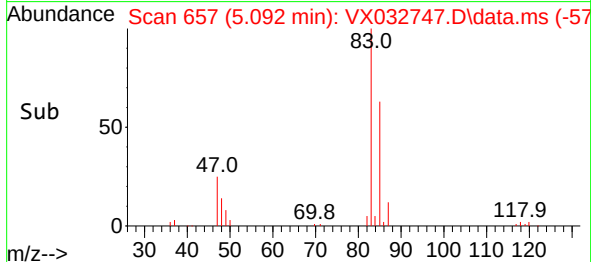
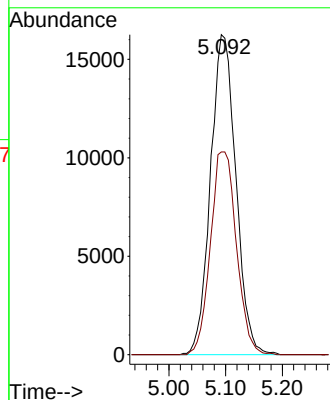
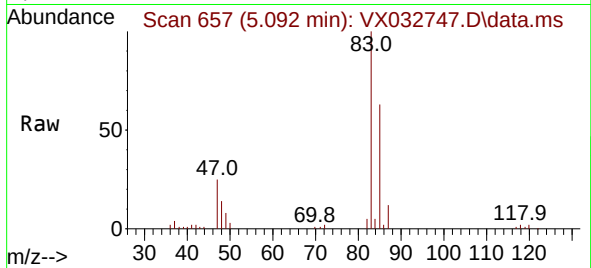
#25
Chloroform
Concen: 31.012 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 50528
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0

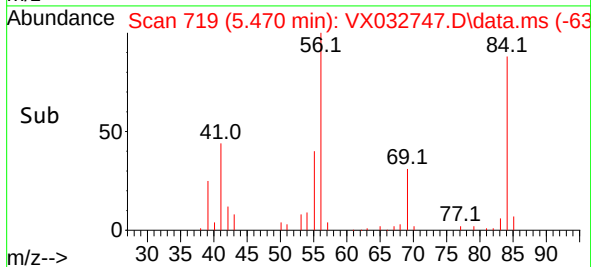
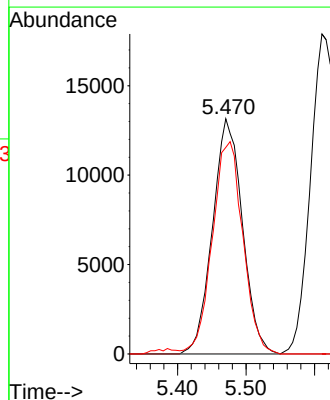
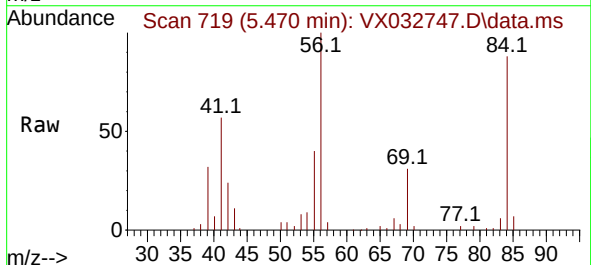
Manual Integrations
APPROVED

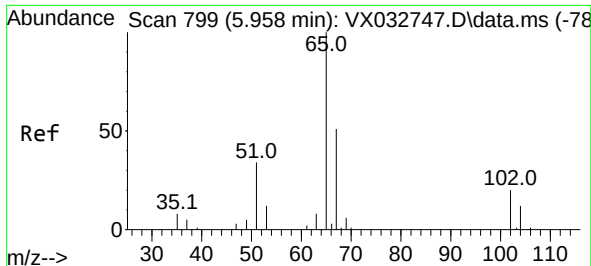
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 34.582 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 56 Resp: 39841
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.3 86.6 130.0





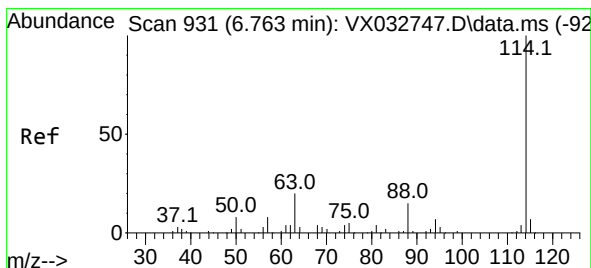
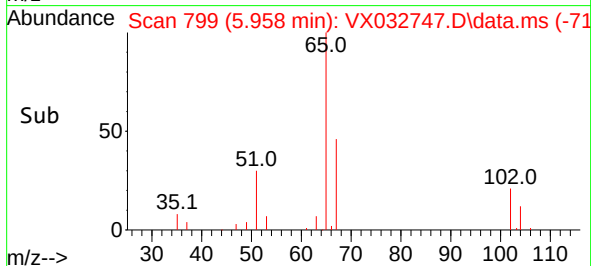
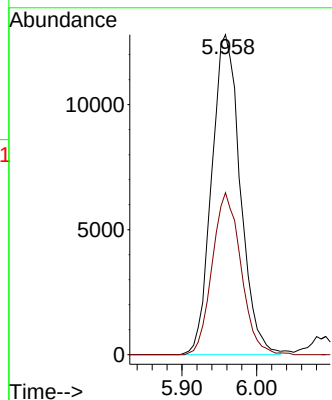
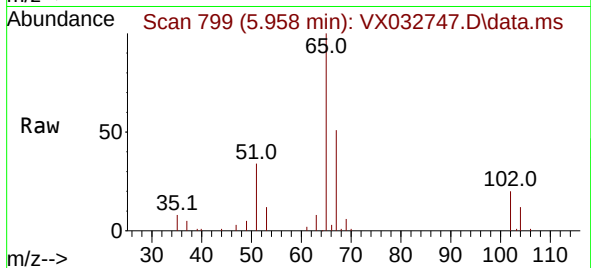
#27
1,2-Dichloroethane-d4
Concen: 37.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 3406
Ion Ratio Lower Upper
65 100
67 50.5 41.8 62.6

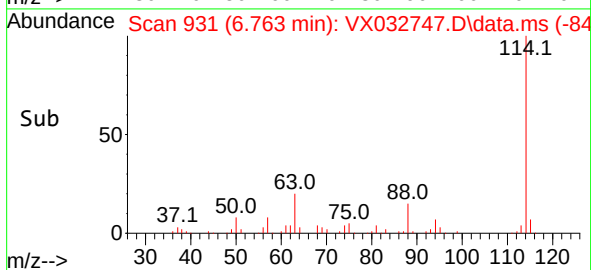
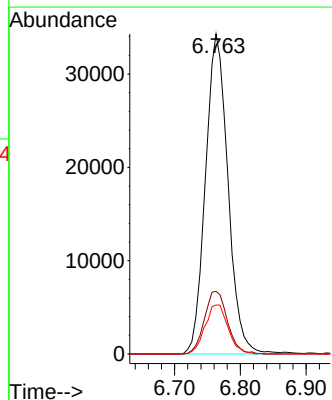
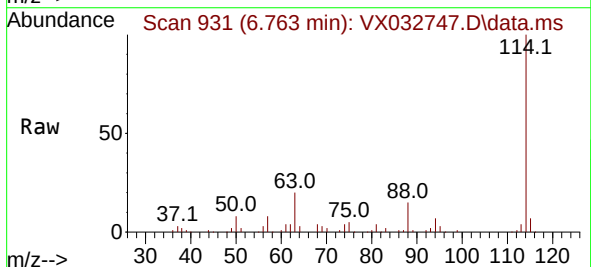
Manual Integrations
APPROVED

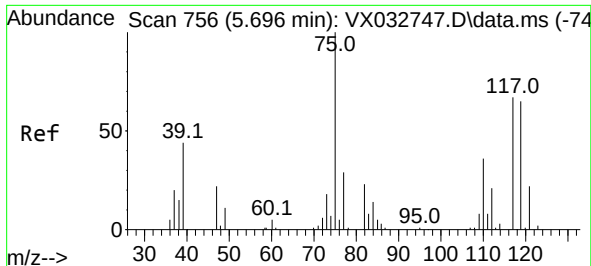
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion:114 Resp: 81475
Ion Ratio Lower Upper
114 100
63 19.8 13.6 20.4
88 15.7 11.8 17.6





#29

1,1-Dichloropropene

Concen: 26.638 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

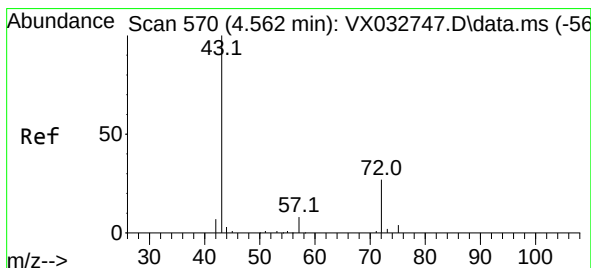
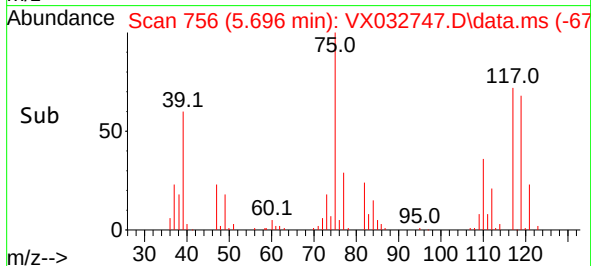
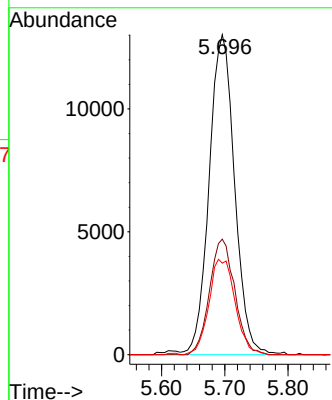
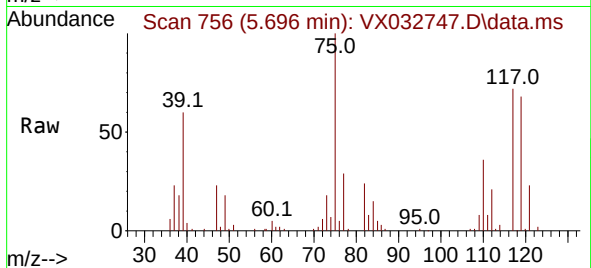
Tgt Ion: 75	Resp: 3636
Ion Ratio	Lower Upper
75	100
110	35.8 0.0 80.4
77	30.8 0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

2-Butanone

Concen: 148.934 ug/l

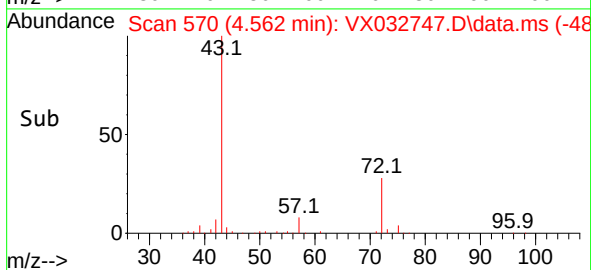
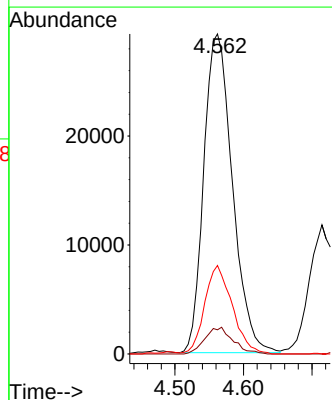
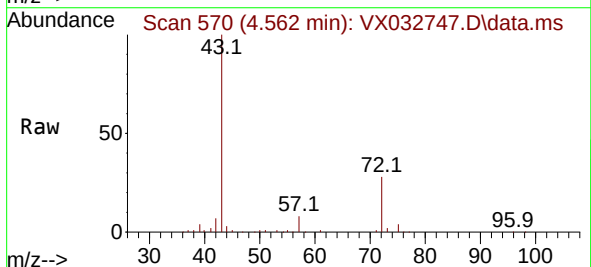
RT: 4.562 min Scan# 570

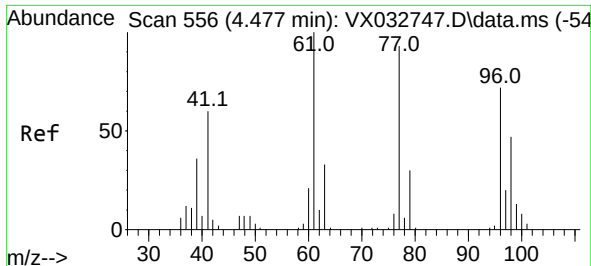
Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion: 43	Resp: 84962
Ion Ratio	Lower Upper
43	100
57	8.0 7.5 11.3
72	26.7 26.6 39.8





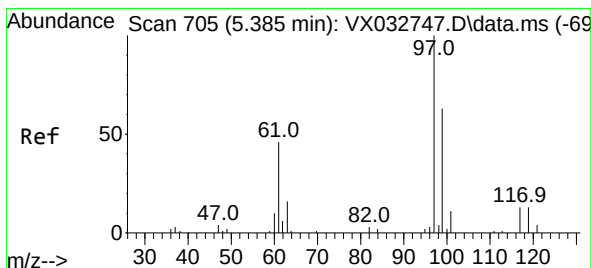
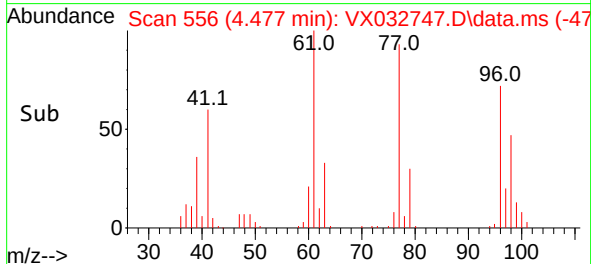
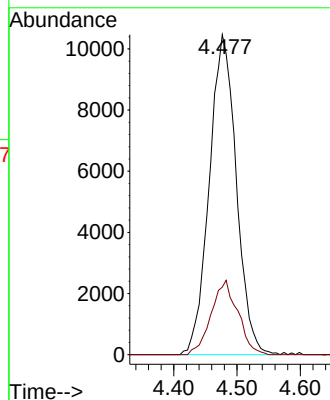
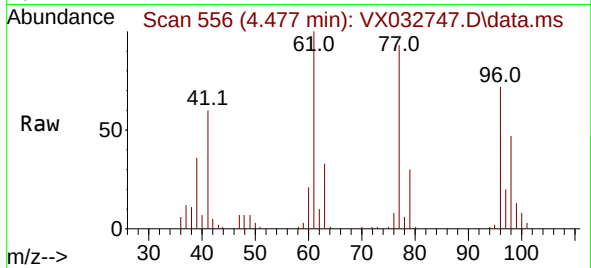
#31
2,2-Dichloropropane
Concen: 23.483 ug/l
RT: 4.477 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 3105
Ion Ratio Lower Upper
77 100
97 22.9 20.0 30.0

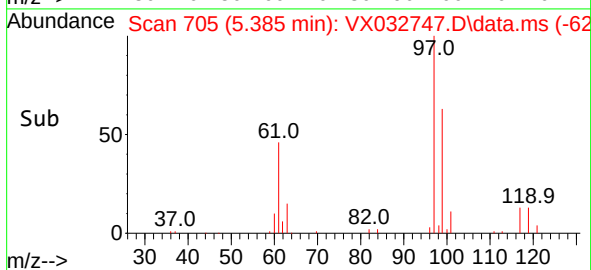
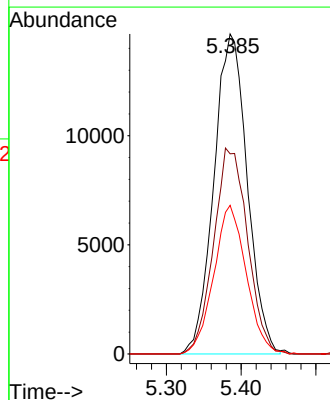
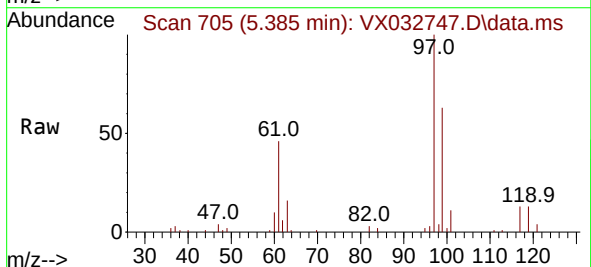
Manual Integrations
APPROVED

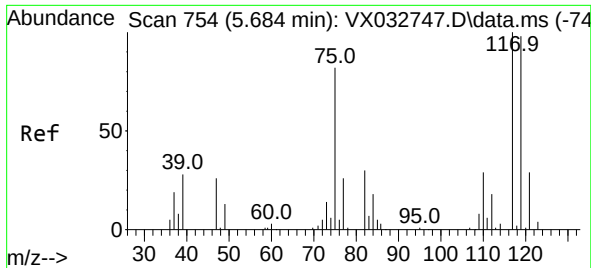
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#32
1,1,1-Trichloroethane
Concen: 25.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

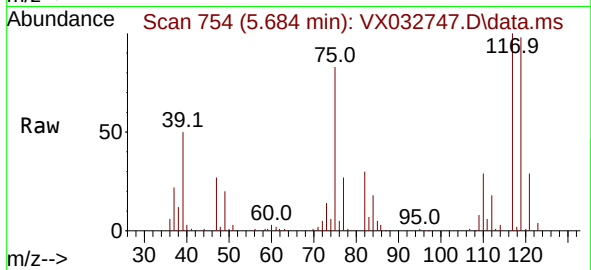
Tgt Ion: 97 Resp: 45585
Ion Ratio Lower Upper
97 100
99 65.3 53.8 80.6
61 45.2 31.3 46.9





#33
Carbon Tetrachloride
Concen: 24.452 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

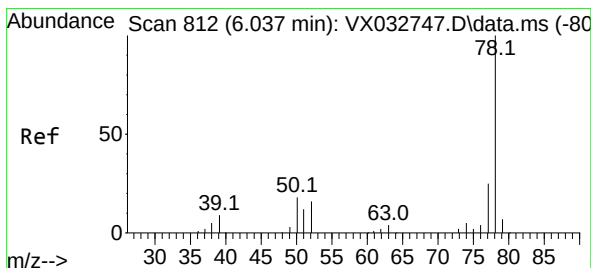
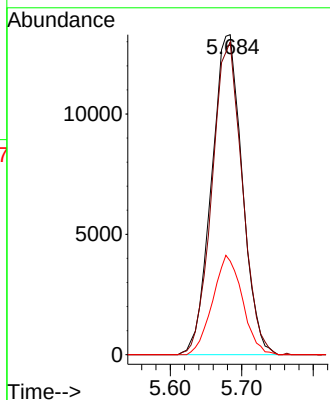
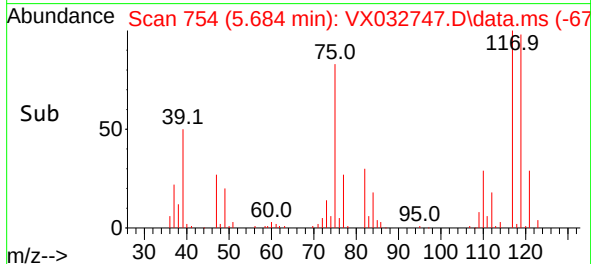
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 3958
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.2
121 29.2 24.4 36.6

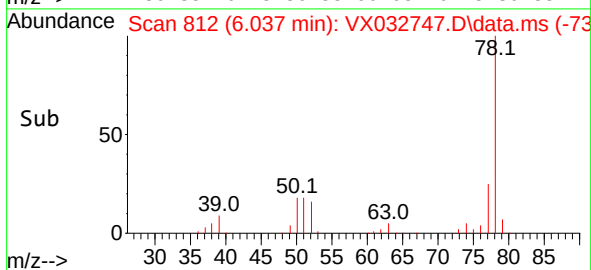
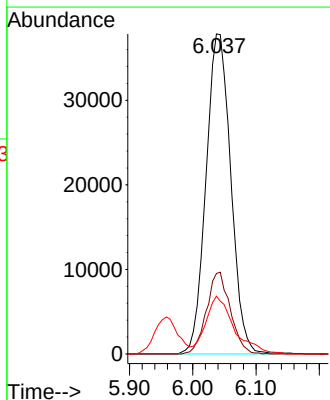
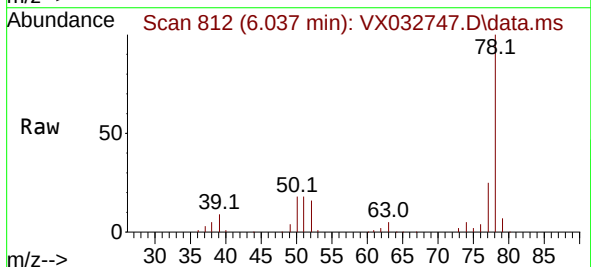
Manual Integrations
APPROVED

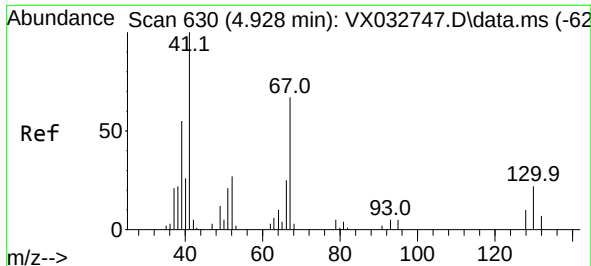
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#34
Benzene
Concen: 25.869 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 78 Resp: 103048
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6
51 17.6 10.6 15.8#





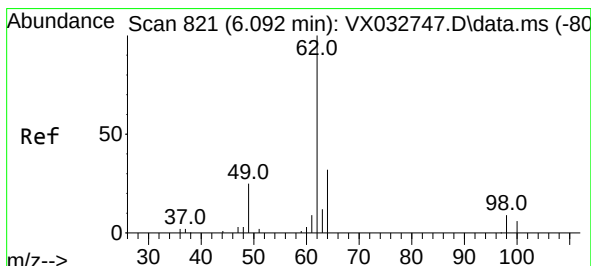
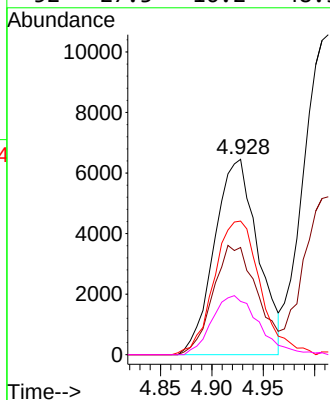
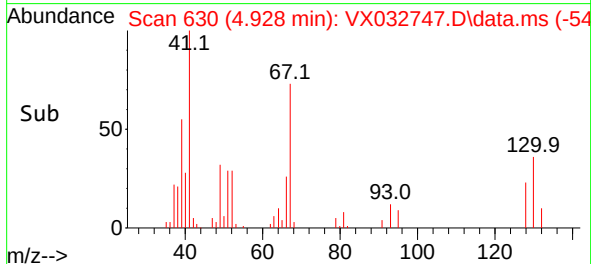
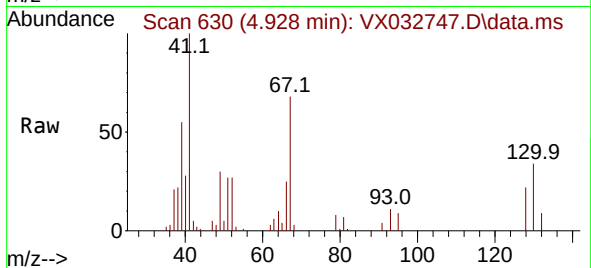
#35
Methacrylonitrile
Concen: 31.007 ug/l
RT: 4.928 min Scan# 610
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 1899
Ion Ratio Lower Upper
41 100
39 54.8 26.9 80.7
67 67.5 40.6 121.8
52 27.3 16.2 48.5

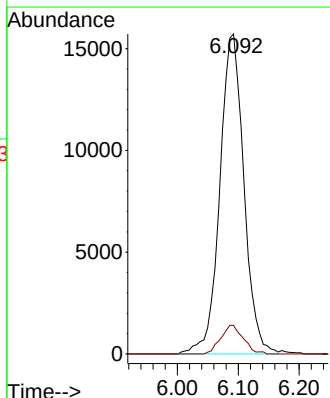
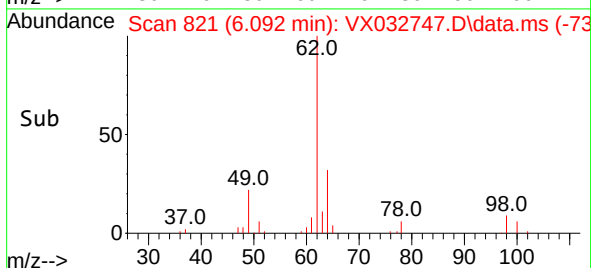
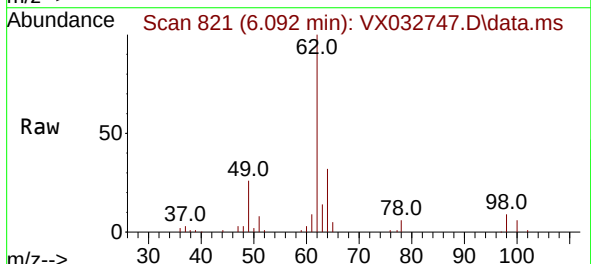
Manual Integrations
APPROVED

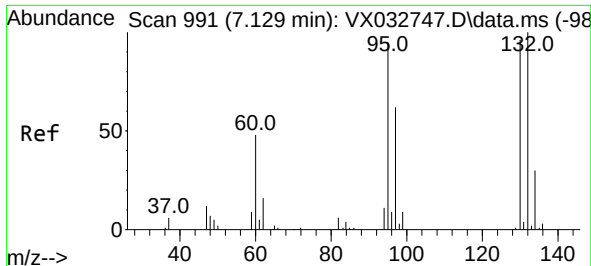
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 29.445 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

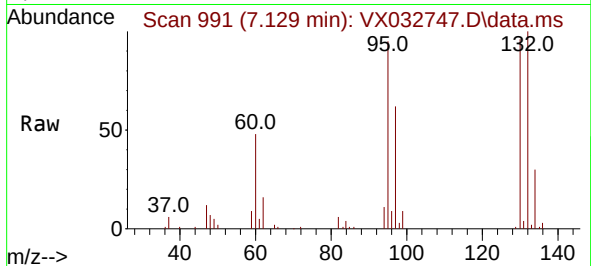
Tgt Ion: 62 Resp: 43136
Ion Ratio Lower Upper
62 100
98 8.2 8.8 13.2#





#37
Trichloroethene
Concen: 22.725 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

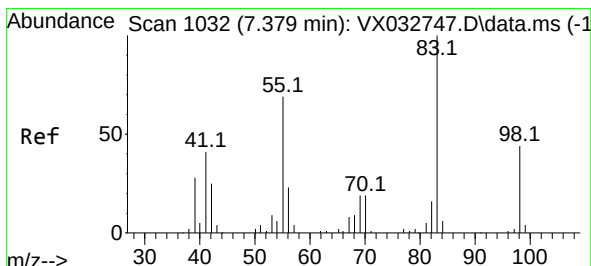
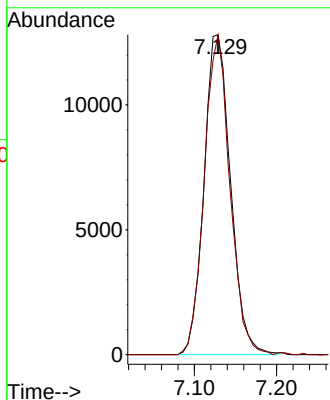
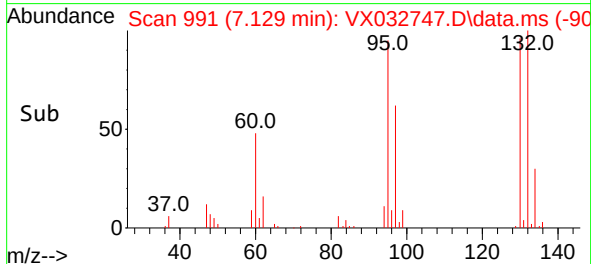
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



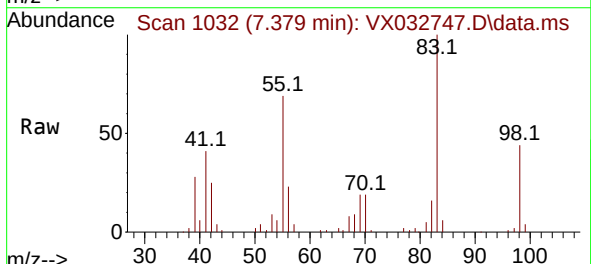
Tgt Ion:130 Resp: 2880
Ion Ratio Lower Upper
130 100
95 99.9 72.4 108.6

Manual Integrations
APPROVED

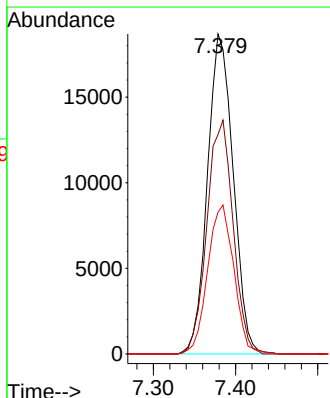
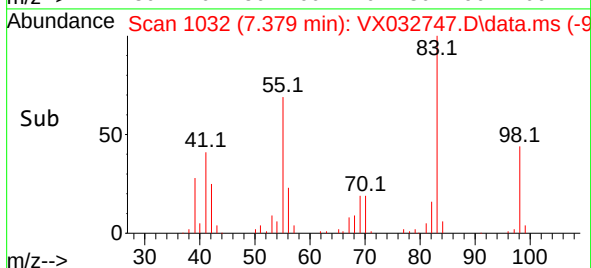
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

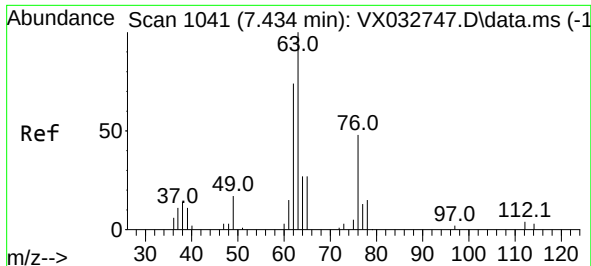


#38
Methylcyclohexane
Concen: 24.906 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



Tgt Ion: 83 Resp: 40797
Ion Ratio Lower Upper
83 100
55 74.1 31.6 94.7
98 47.4 26.9 80.6





#39

1,2-Dichloropropane

Concen: 27.547 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 25779

Ion Ratio Lower Upper

63 100

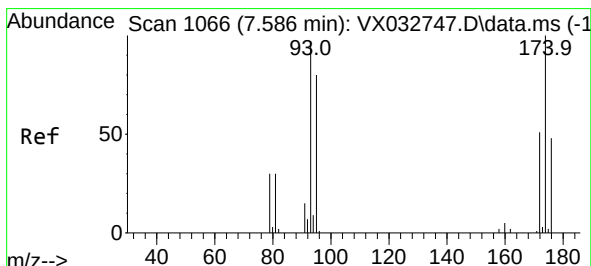
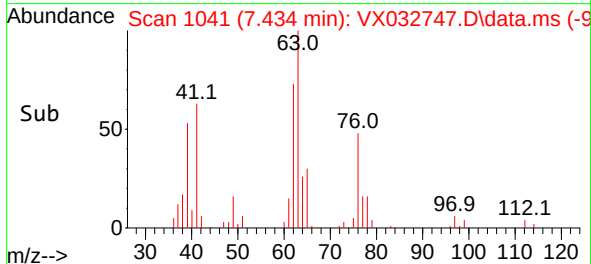
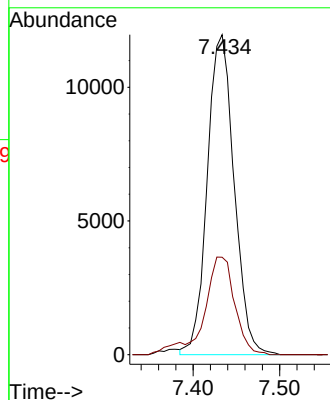
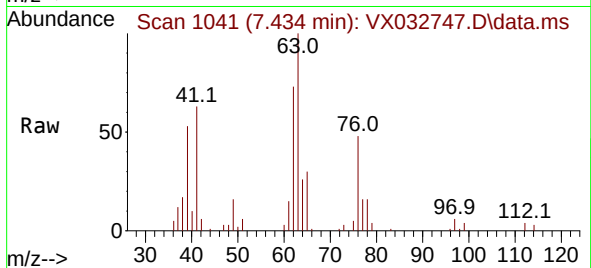
65 30.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 25.250 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

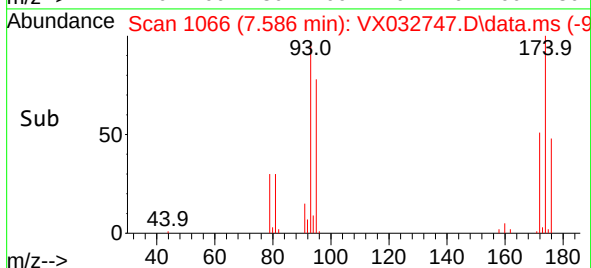
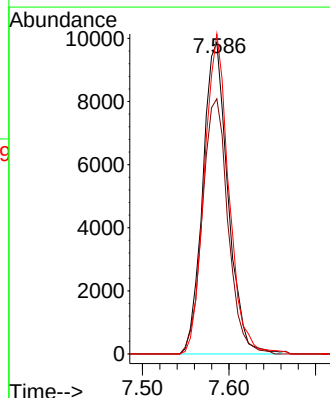
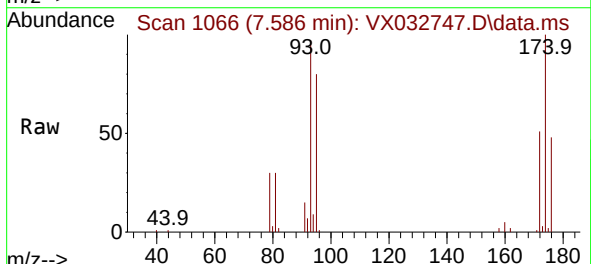
Tgt Ion: 93 Resp: 19910

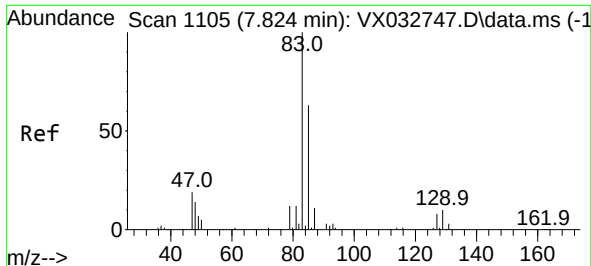
Ion Ratio Lower Upper

93 100

95 83.3 0.0 165.0

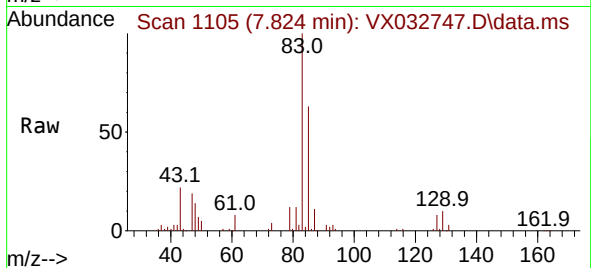
174 99.9 0.0 205.2





#41
Bromodichloromethane
Concen: 25.541 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

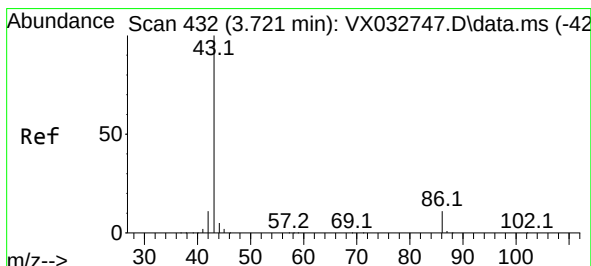
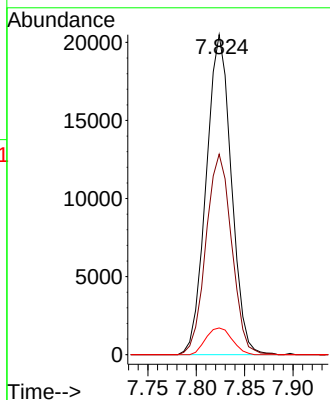
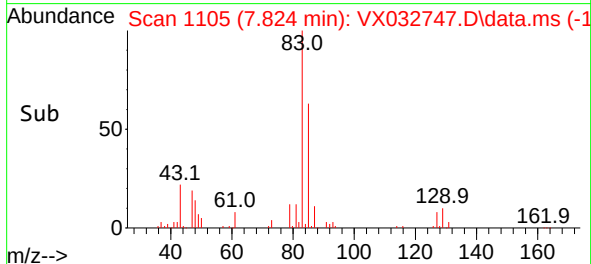
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 37039
Ion Ratio Lower Upper
83 100
85 62.7 52.3 78.5
127 8.3 6.8 10.2

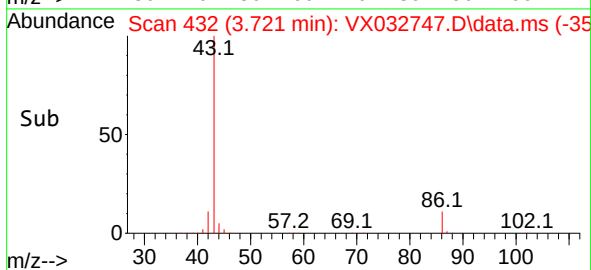
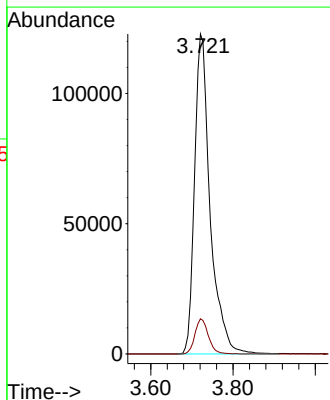
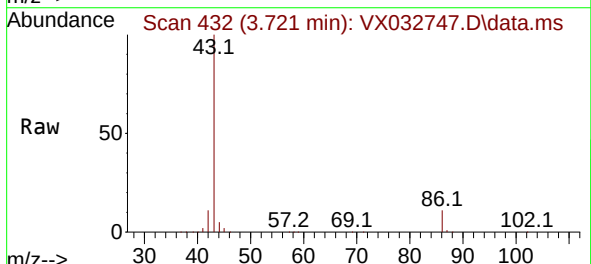
Manual Integrations
APPROVED

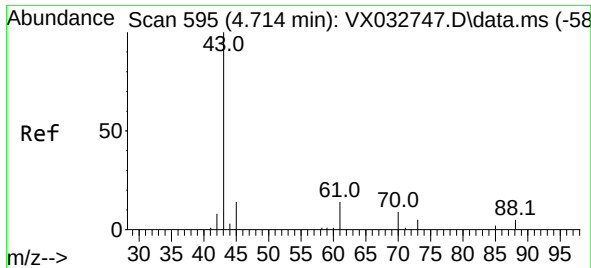
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Vinyl Acetate
Concen: 153.446 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

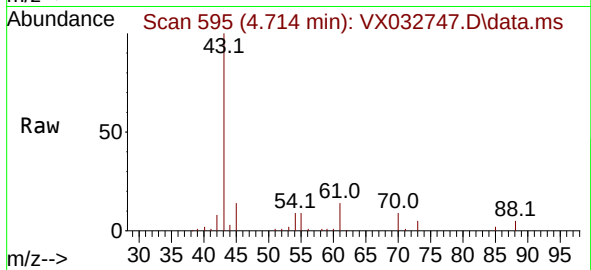
Tgt Ion: 43 Resp: 322707
Ion Ratio Lower Upper
43 100
86 9.4 10.3 15.5#





#43
Ethyl Acetate
Concen: 30.150 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

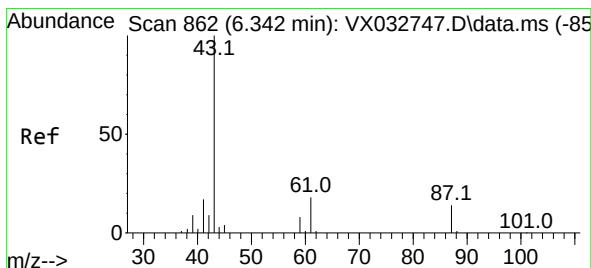
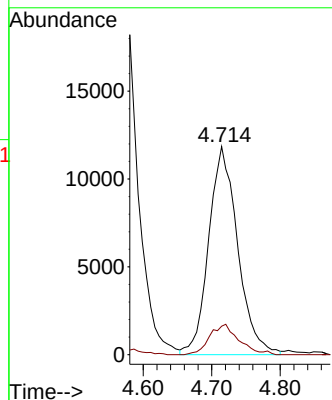
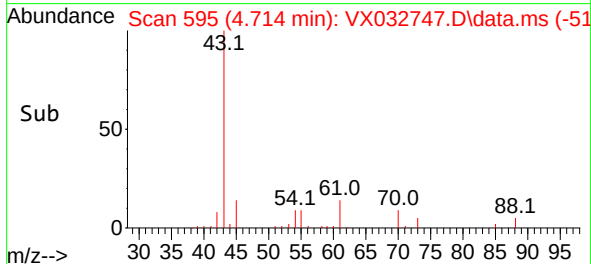
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 34878
Ion Ratio Lower Upper
43 100
45 14.5 8.2 12.2

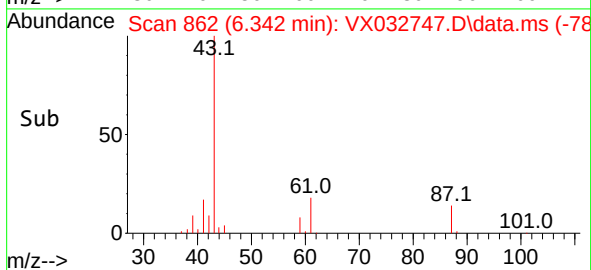
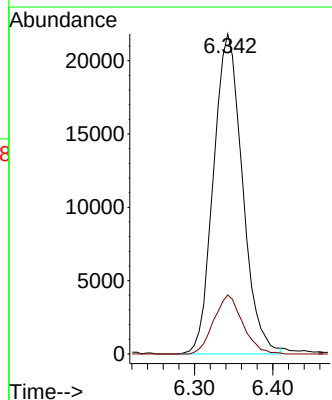
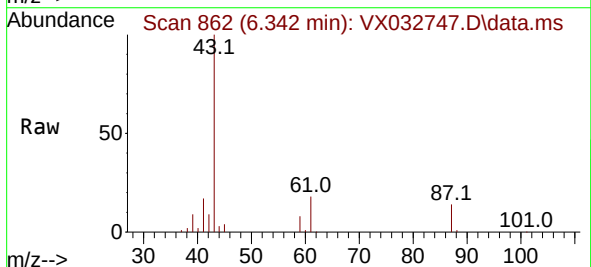
Manual Integrations
APPROVED

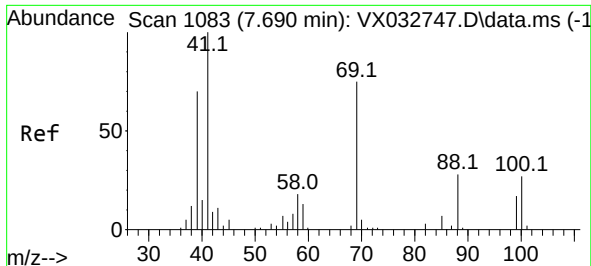
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44
Isopropyl Acetate
Concen: 30.233 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 43 Resp: 56116
Ion Ratio Lower Upper
43 100
61 18.4 17.2 25.8





#45

1,4-Dioxane

Concen: 471.262 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 1113

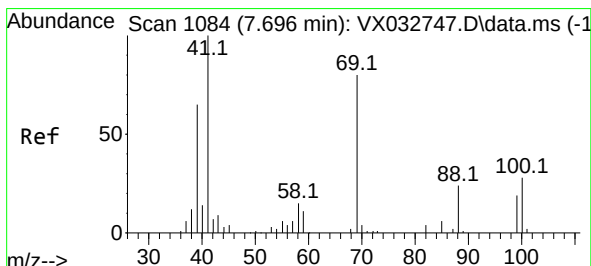
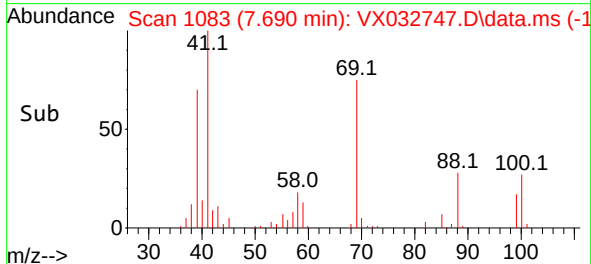
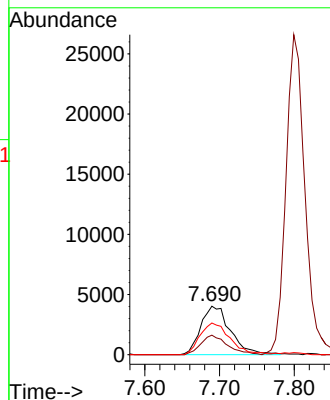
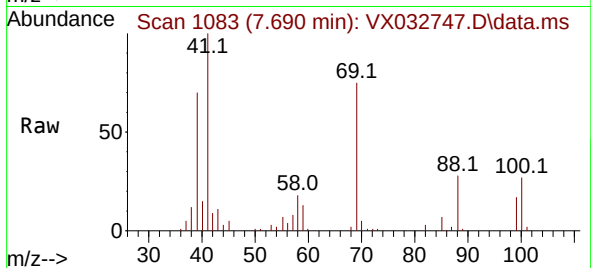
Ion	Ratio	Lower	Upper
88	100		
43	35.9	20.4	30.6
58	64.8	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Methyl methacrylate

Concen: 32.165 ug/l

RT: 7.696 min Scan# 1084

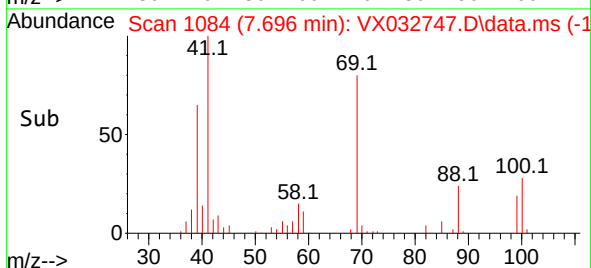
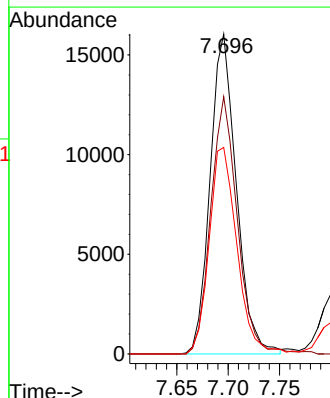
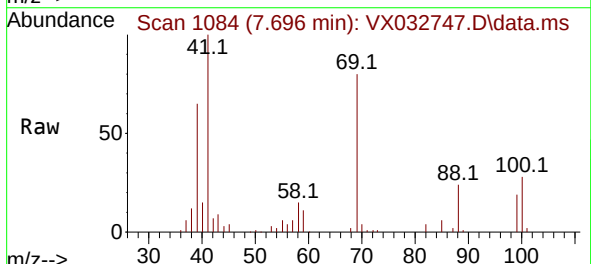
Delta R.T. 0.000 min

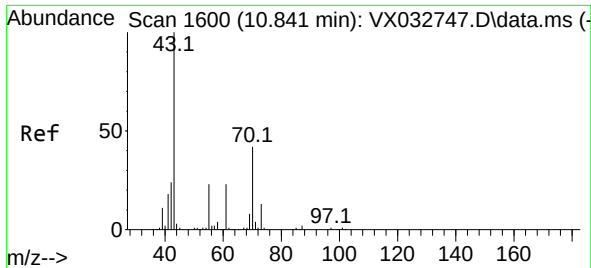
Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion: 41 Resp: 28473

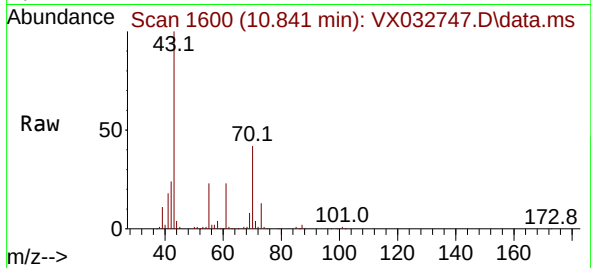
Ion	Ratio	Lower	Upper
41	100		
69	80.4	50.5	151.5
39	64.6	34.6	103.8





#47
n-amy1 Acetate
Concen: 31.041 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

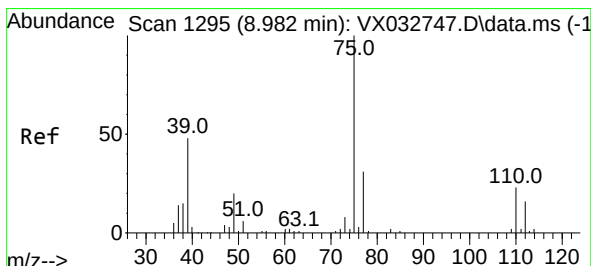
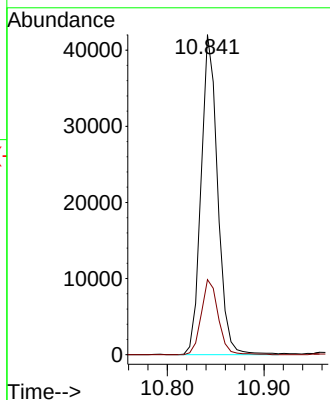
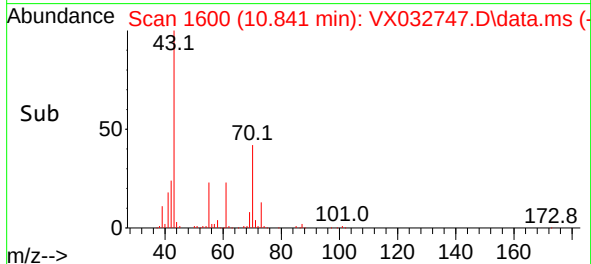
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 50220
Ion Ratio Lower Upper
43 100
55 23.9 21.6 32.4

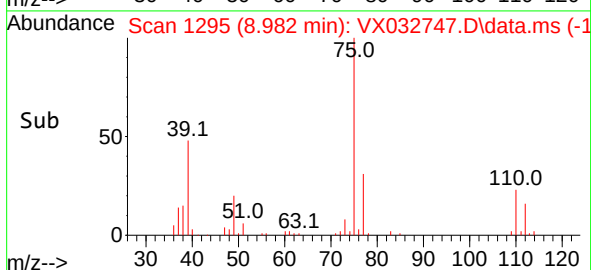
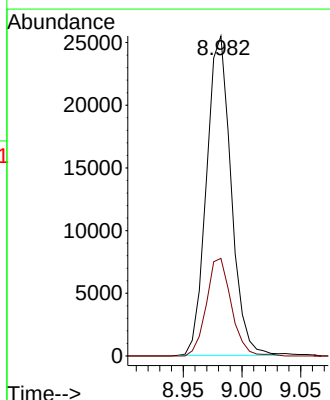
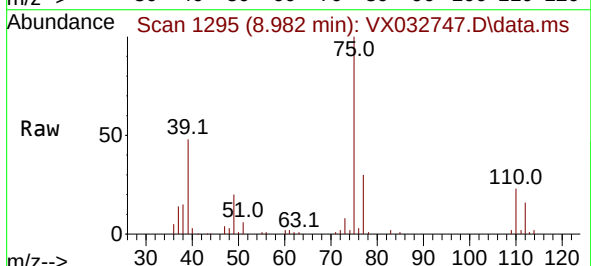
Manual Integrations
APPROVED

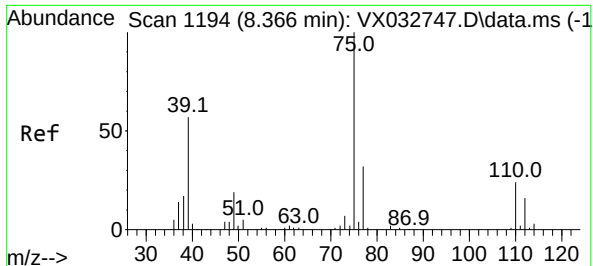
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
t-1,3-Dichloropropene
Concen: 25.661 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 75 Resp: 37048
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 25.356 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 39725

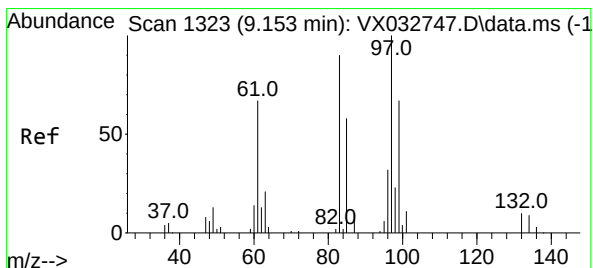
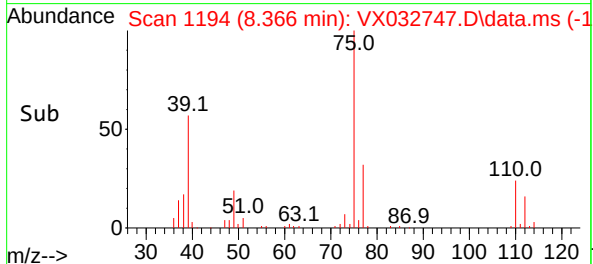
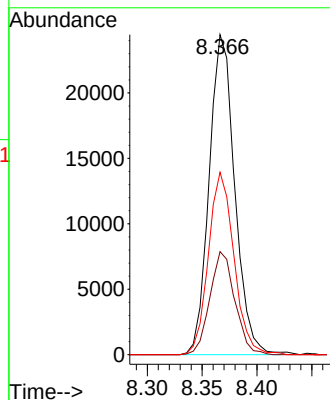
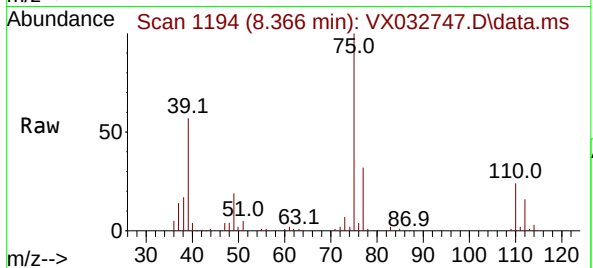
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	57.0	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

1,1,2-Trichloroethane

Concen: 23.654 ug/l

RT: 9.153 min Scan# 1323

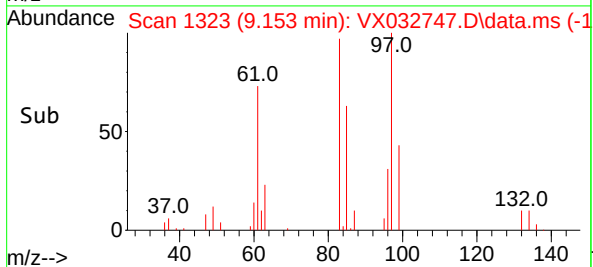
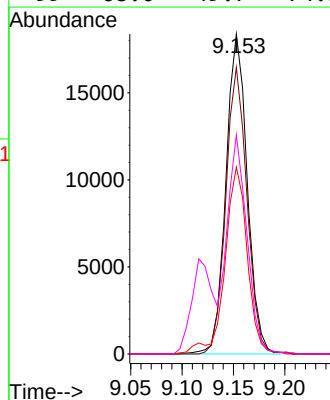
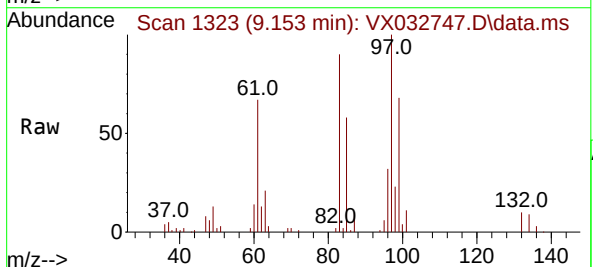
Delta R.T. 0.000 min

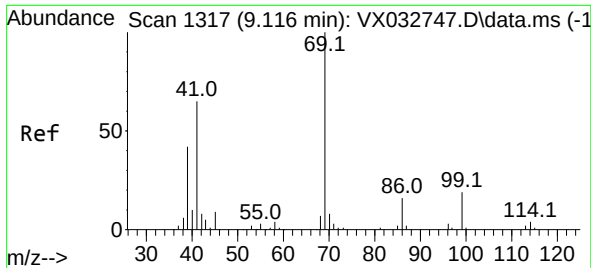
Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion: 97 Resp: 26534

Ion	Ratio	Lower	Upper
97	100		
83	89.5	62.2	93.4
85	58.1	44.2	66.2
99	68.0	49.7	74.5





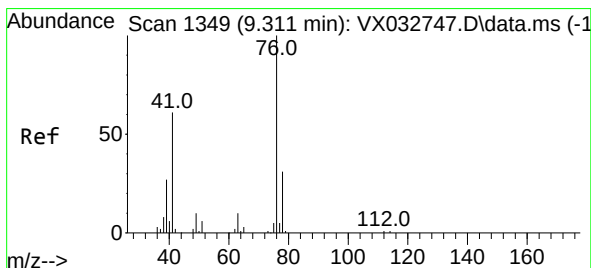
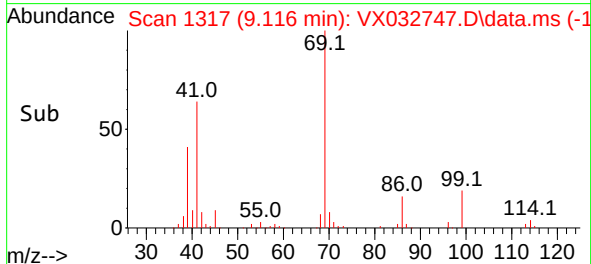
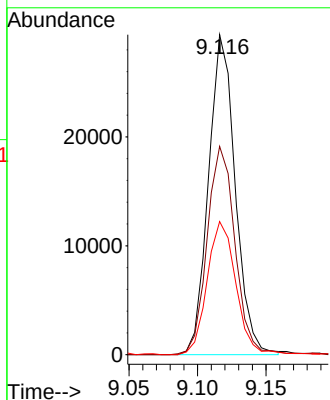
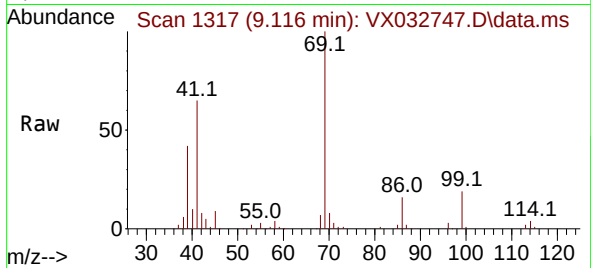
#51
Ethyl methacrylate
Concen: 26.483 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 39929
Ion Ratio Lower Upper
69 100
41 64.8 25.9 77.7
39 41.6 17.8 53.3

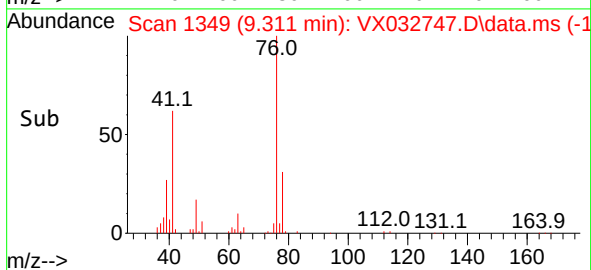
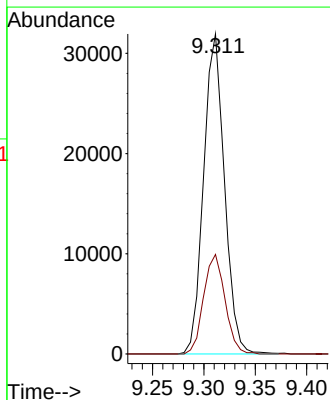
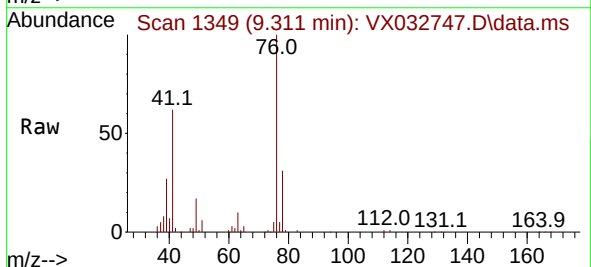
Manual Integrations
APPROVED

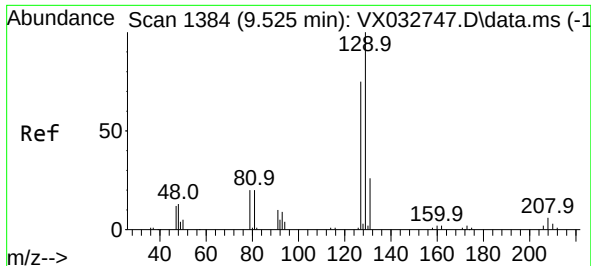
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
1,3-Dichloropropane
Concen: 25.693 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 76 Resp: 45114
Ion Ratio Lower Upper
76 100
78 31.8 0.0 66.0





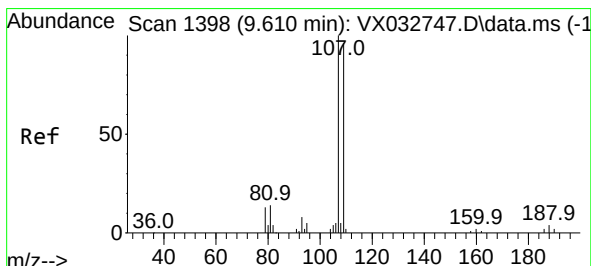
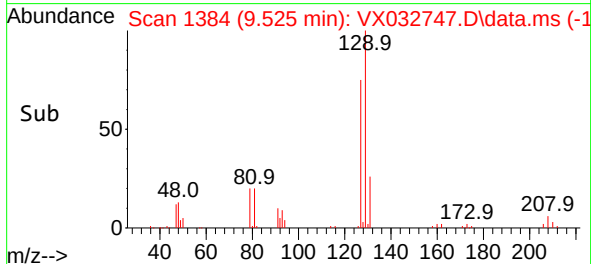
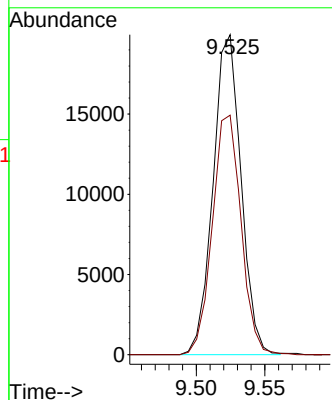
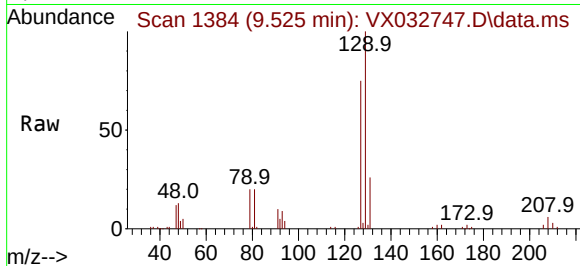
#53
Dibromochloromethane
Concen: 22.559 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 28319
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

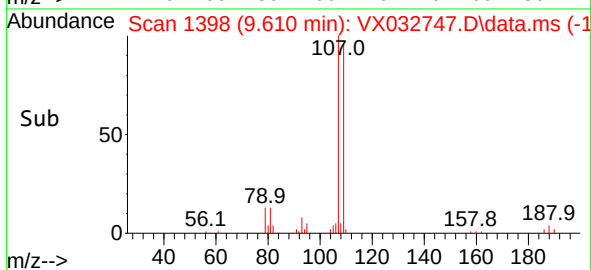
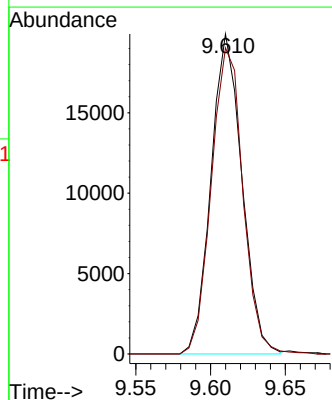
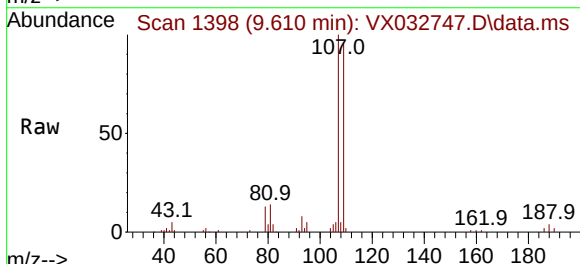
Manual Integrations
APPROVED

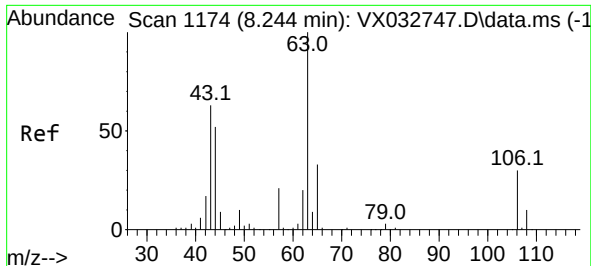
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 23.075 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion:107 Resp: 28566
Ion Ratio Lower Upper
107 100
109 97.6 75.0 112.6





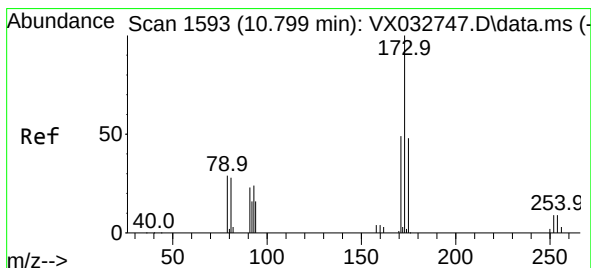
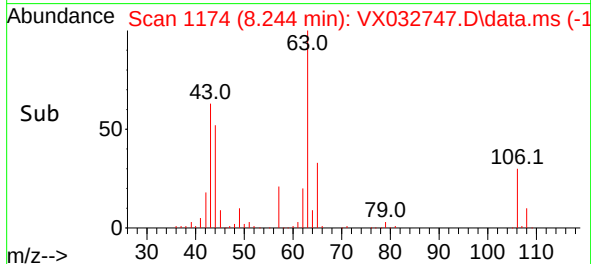
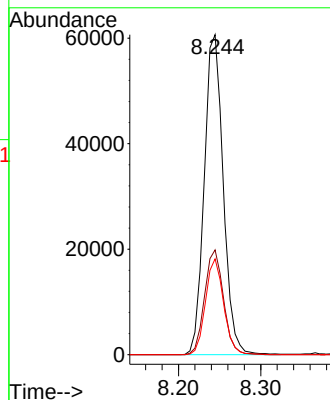
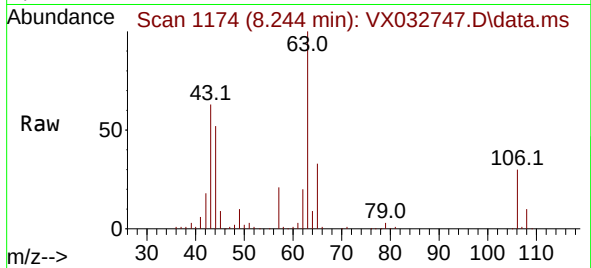
#55
2-Chloroethyl vinyl ether
Concen: 133.235 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 97312
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 28.7 28.9 43.3

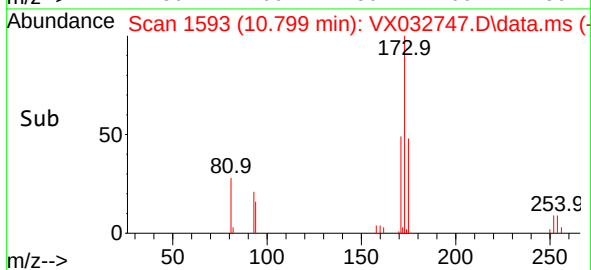
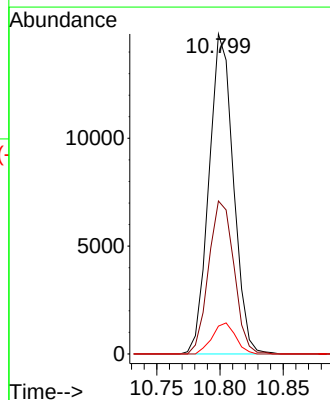
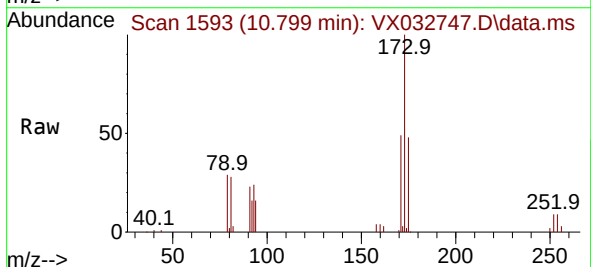
Manual Integrations
APPROVED

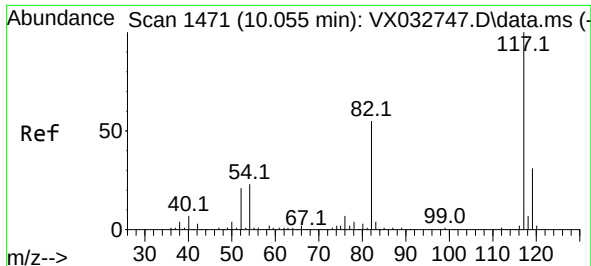
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 21.685 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion:173 Resp: 19952
Ion Ratio Lower Upper
173 100
175 49.5 38.6 58.0
254 9.2 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: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 89990

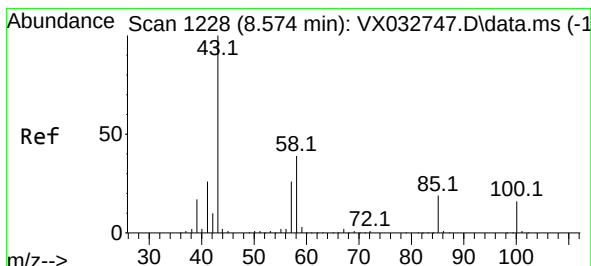
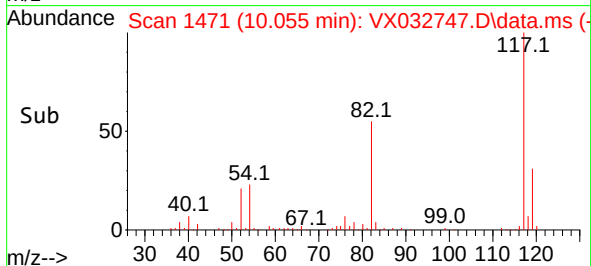
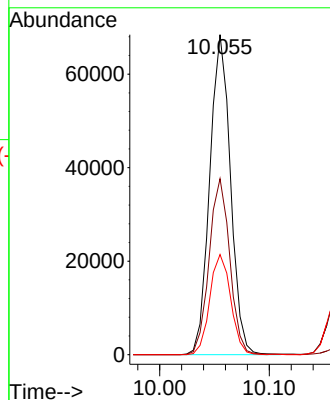
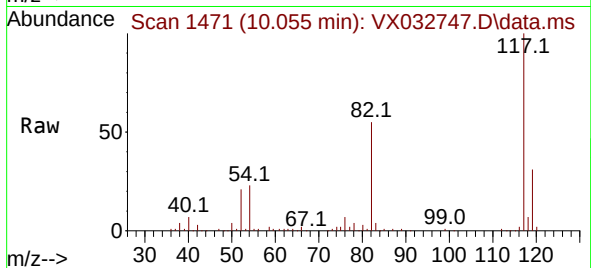
Ion	Ratio	Lower	Upper
117	100		
82	54.8	40.0	60.0
119	31.6	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#58

4-Methyl-2-Pentanone

Concen: 138.544 ug/l

RT: 8.574 min Scan# 1228

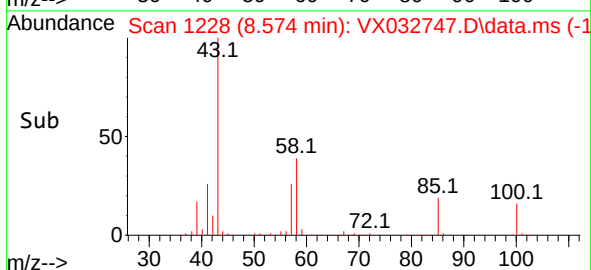
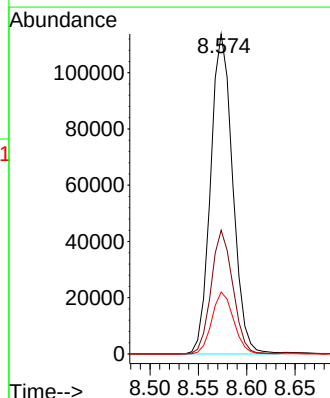
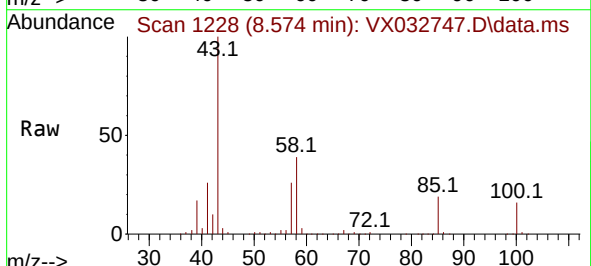
Delta R.T. 0.000 min

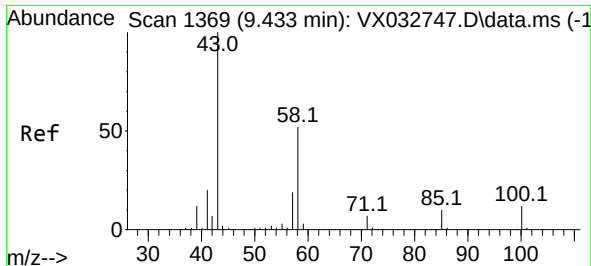
Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion: 43 Resp: 180909

Ion	Ratio	Lower	Upper
43	100		
58	37.9	34.9	52.3
85	19.1	19.4	29.2





#59

2-Hexanone

Concen: 137.524 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 43 Resp: 13394

Ion Ratio Lower Upper

43 100

58 52.3 49.0 73.6

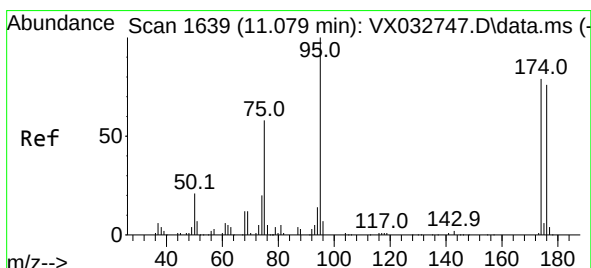
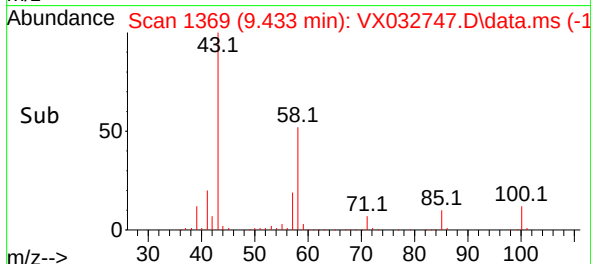
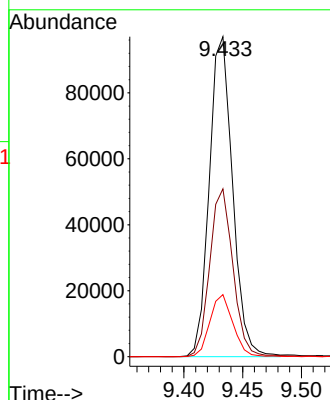
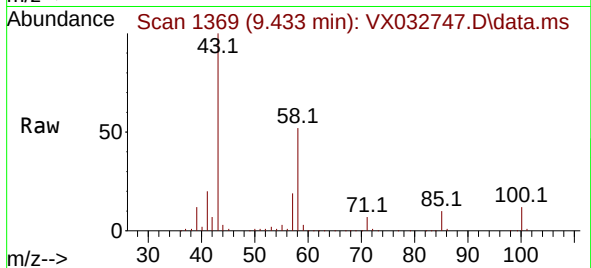
57 19.2 17.0 25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#60

4-Bromofluorobenzene

Concen: 30.346 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

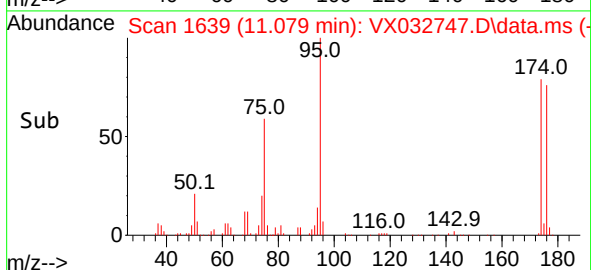
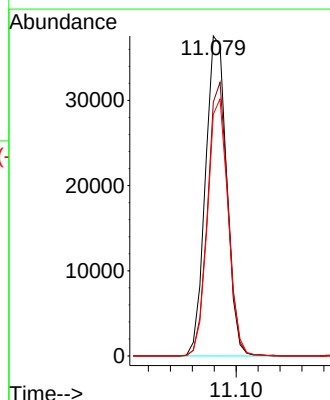
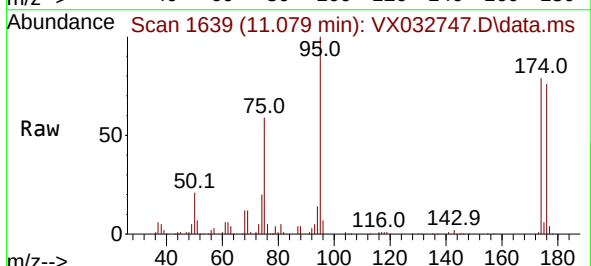
Tgt Ion: 95 Resp: 50260

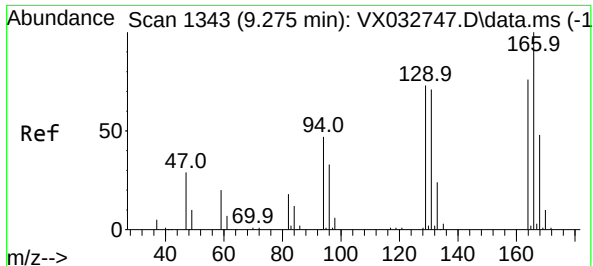
Ion Ratio Lower Upper

95 100

174 82.4 68.2 102.2

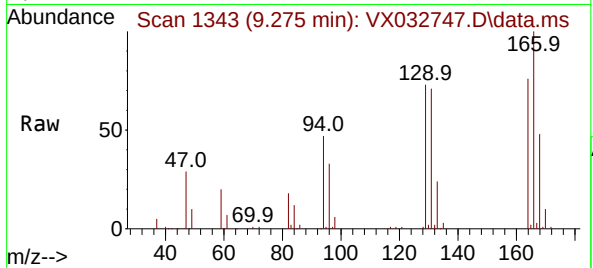
176 78.5 68.1 102.1





#61
Tetrachloroethene
Concen: 17.539 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

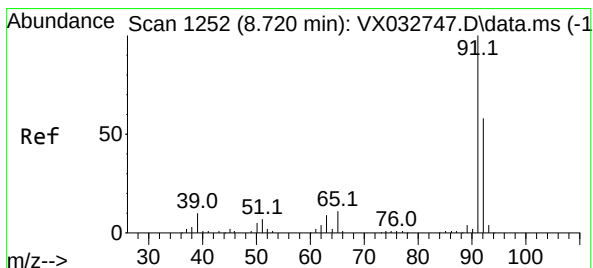
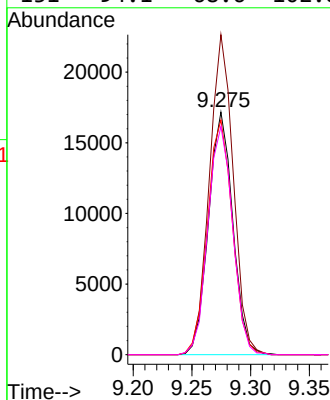
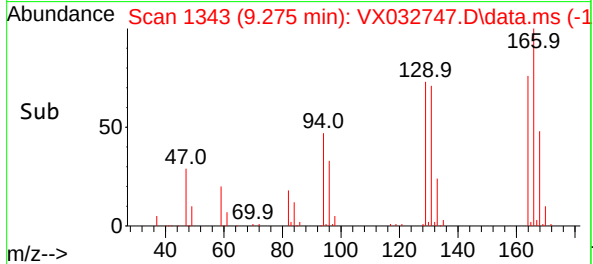
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



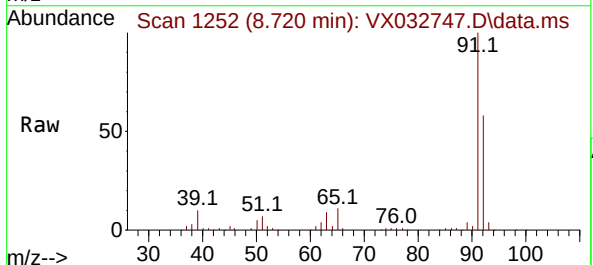
Tgt Ion:164 Resp: 24669
Ion Ratio Lower Upper
164 100
166 132.0 102.8 154.2
129 96.8 73.0 109.4
131 94.1 68.6 102.8

Manual Integrations
APPROVED

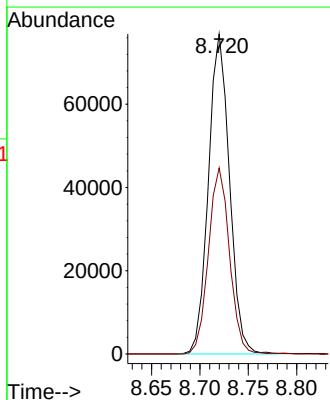
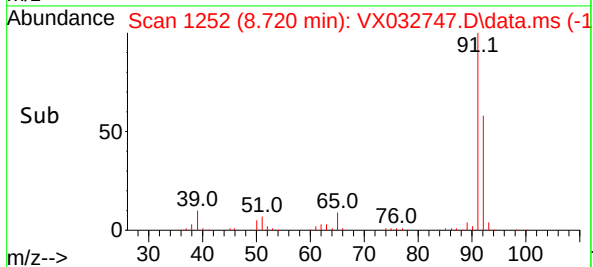
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

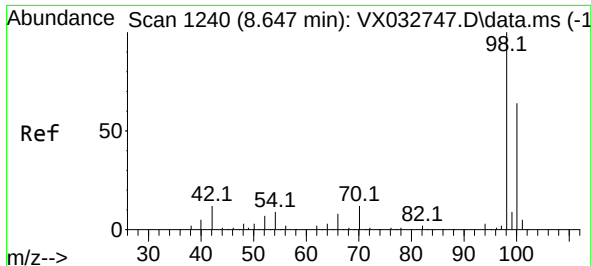


#62
Toluene
Concen: 22.129 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



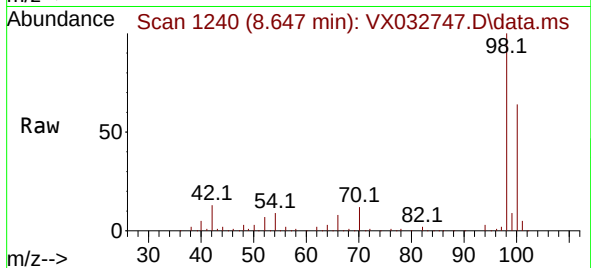
Tgt Ion: 91 Resp: 116315
Ion Ratio Lower Upper
91 100
92 58.0 47.3 70.9





#63
Toluene-d8
Concen: 21.335 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

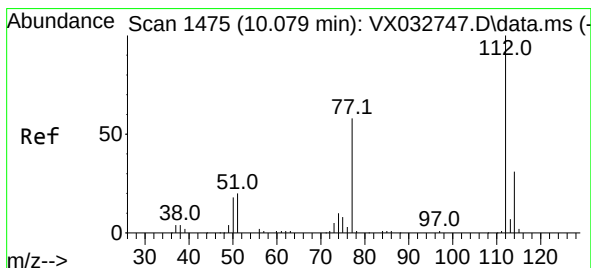
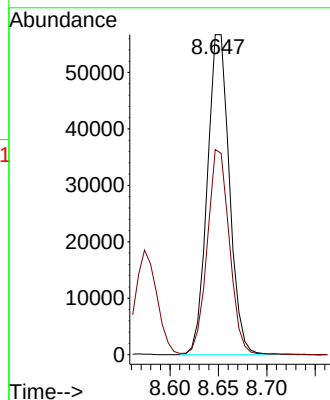
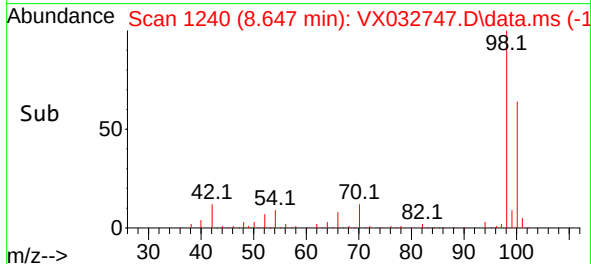
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



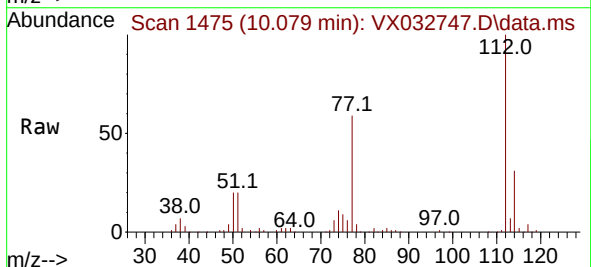
Tgt Ion: 98 Resp: 90295
Ion Ratio Lower Upper
98 100
100 64.3 53.8 80.8

Manual Integrations
APPROVED

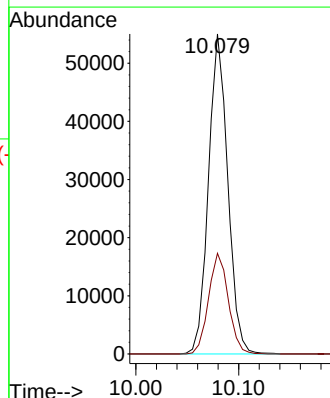
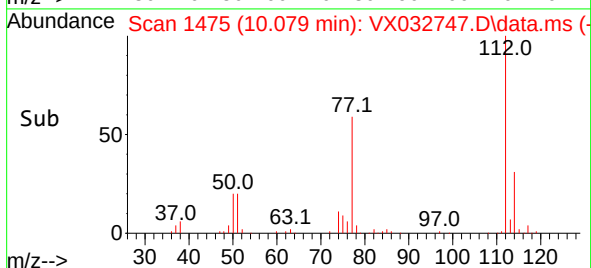
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

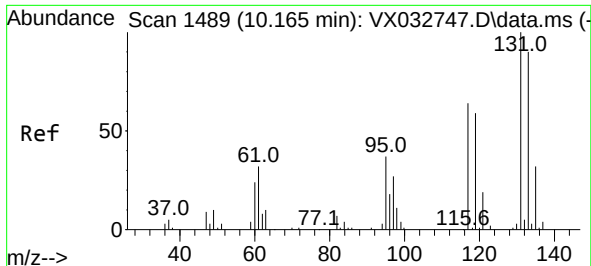


#64
Chlorobenzene
Concen: 20.405 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



Tgt Ion:112 Resp: 71713
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5





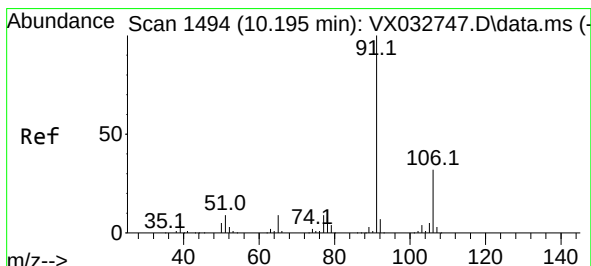
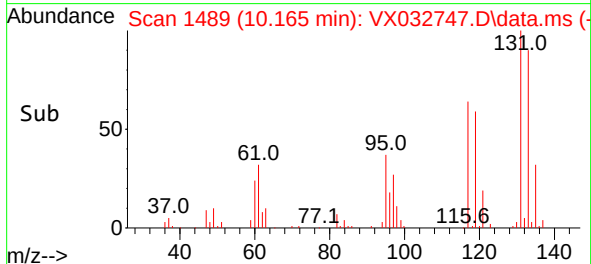
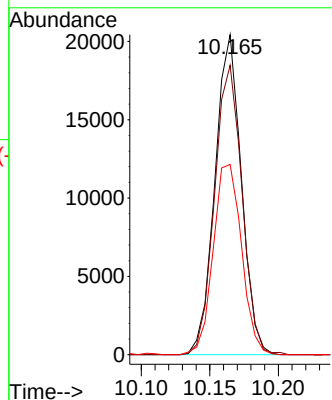
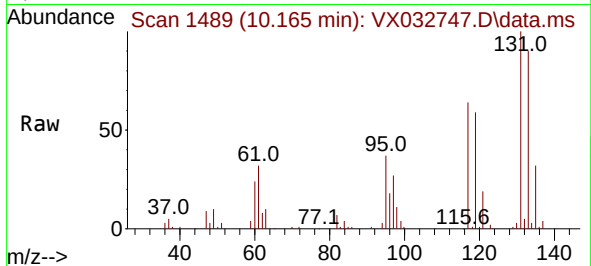
#65
1,1,1,2-Tetrachloroethane
Concen: 20.354 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 27362
Ion Ratio Lower Upper
131 100
133 93.8 0.0 189.4
119 63.9 0.0 127.0

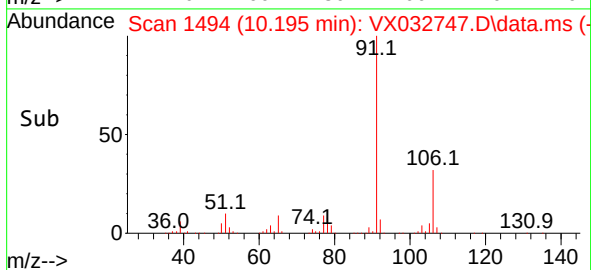
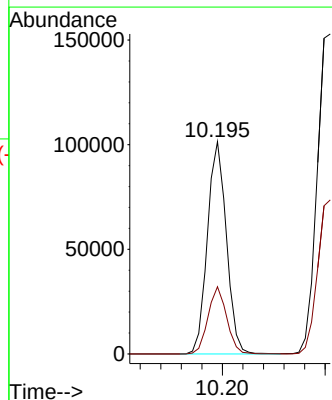
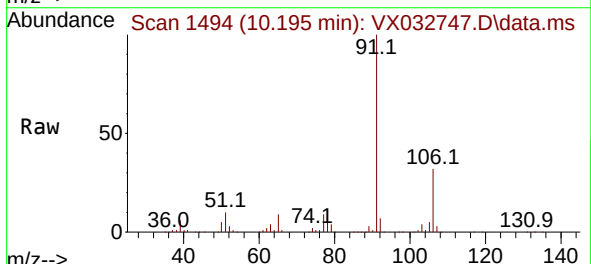
Manual Integrations
APPROVED

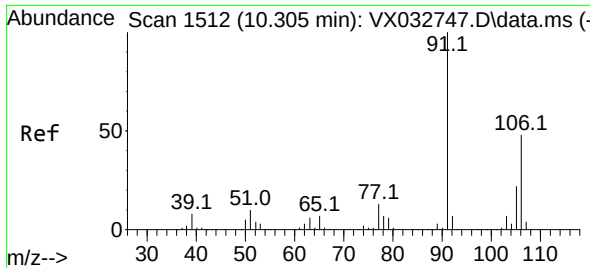
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Ethyl Benzene
Concen: 22.083 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 91 Resp: 130303
Ion Ratio Lower Upper
91 100
106 31.7 26.7 40.1





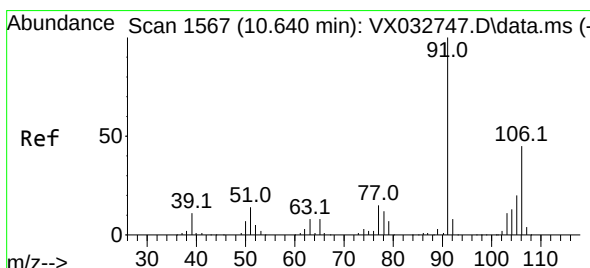
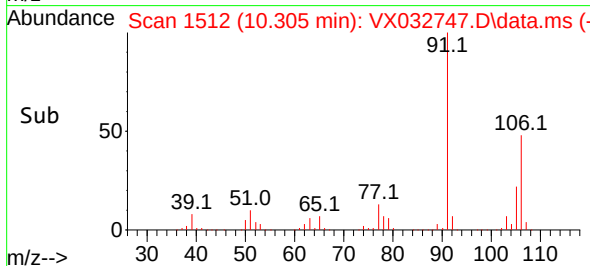
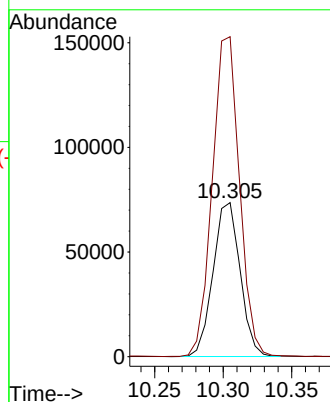
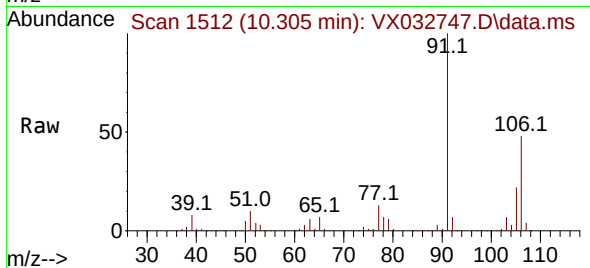
#67
m/p-Xylenes
Concen: 41.723 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 100849
Ion Ratio Lower Upper
106 100
91 209.5 152.3 228.5

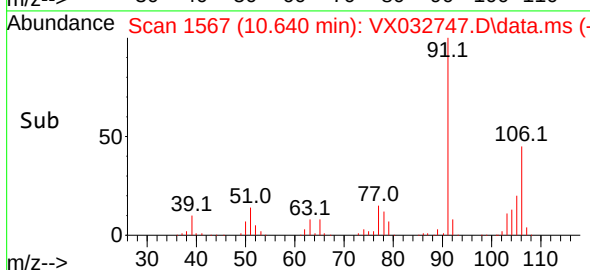
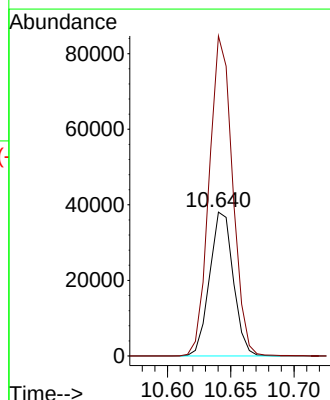
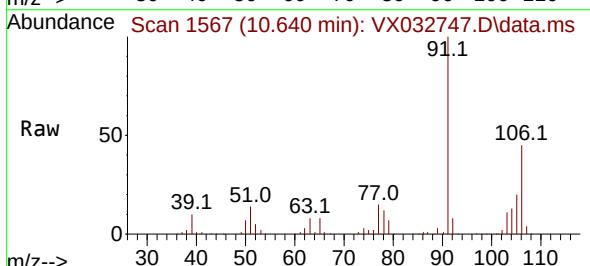
Manual Integrations
APPROVED

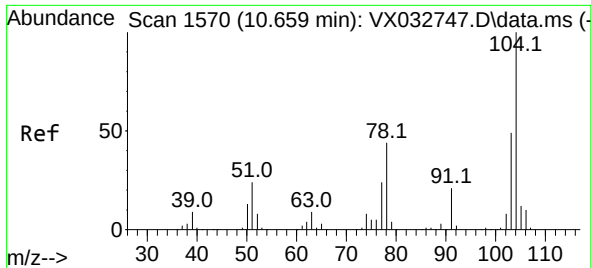
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 20.837 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion:106 Resp: 49579
Ion Ratio Lower Upper
106 100
91 219.8 101.9 305.7





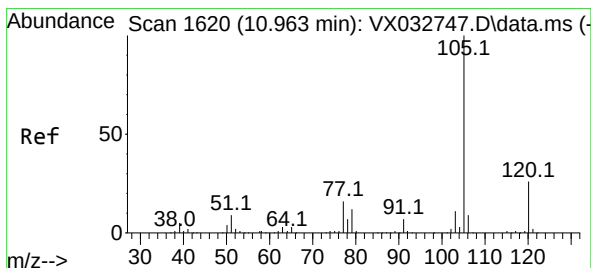
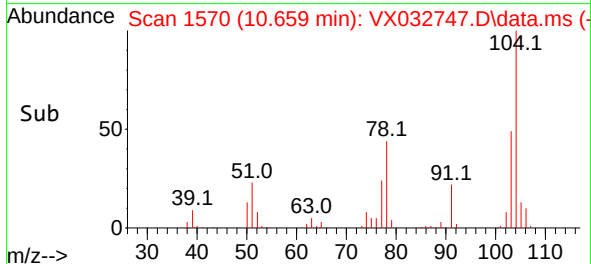
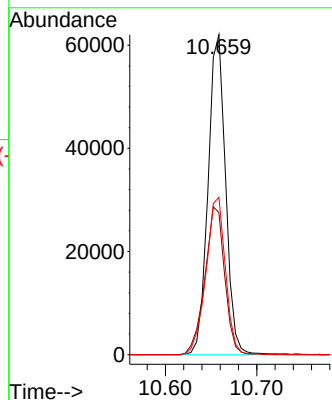
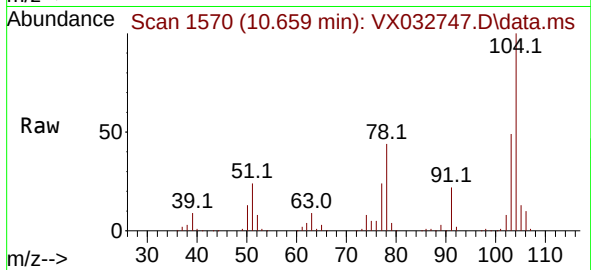
#69
Styrene
Concen: 21.240 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 82400
Ion Ratio Lower Upper
104 100
78 52.1 36.6 55.0
103 54.7 43.3 64.9

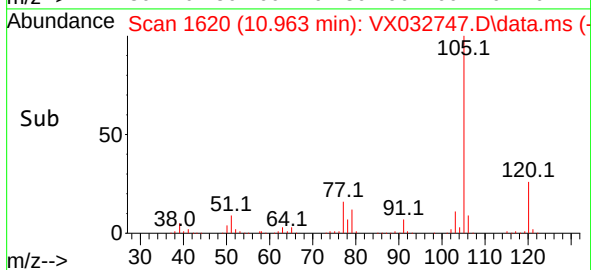
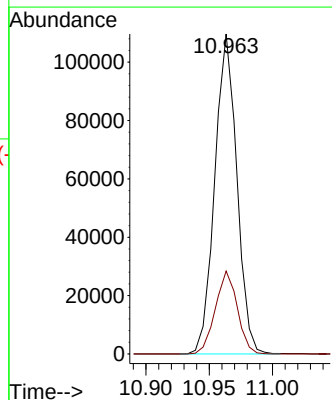
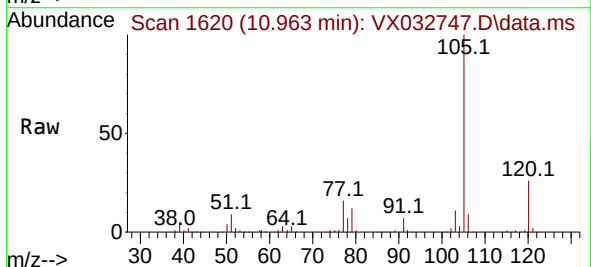
Manual Integrations
APPROVED

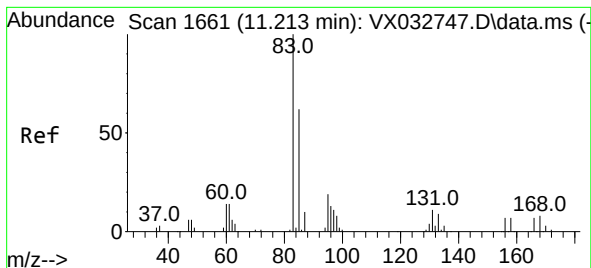
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Isopropylbenzene
Concen: 21.417 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

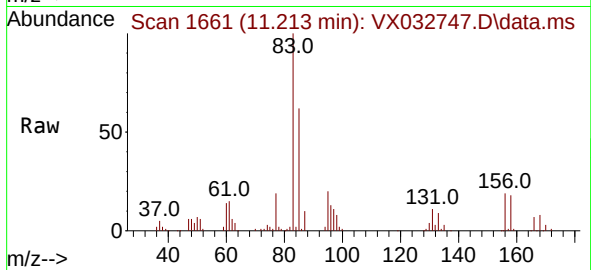
Tgt Ion:105 Resp: 132849
Ion Ratio Lower Upper
105 100
120 25.7 19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 22.794 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

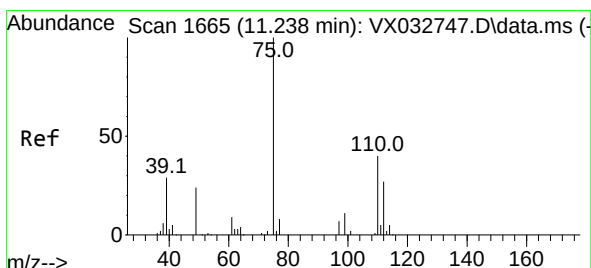
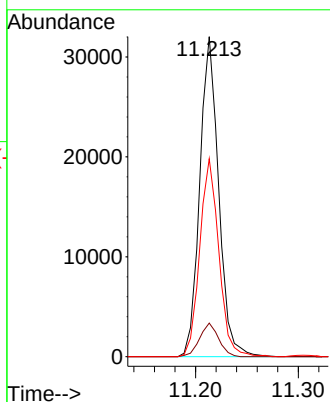
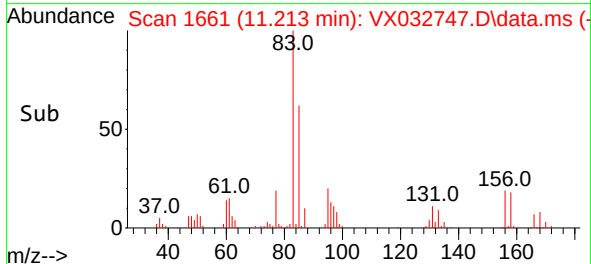
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 40930
Ion Ratio Lower Upper
83 100
131 10.5 6.0 18.1
85 62.5 32.8 98.3

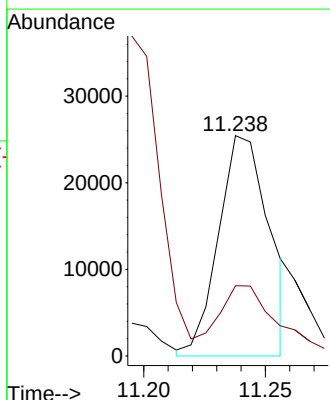
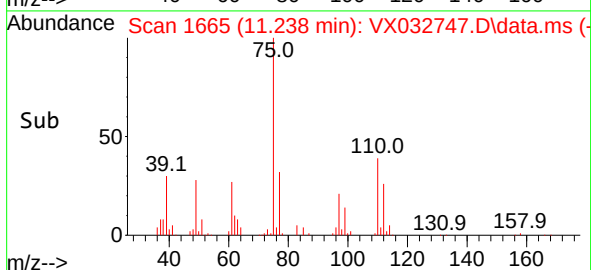
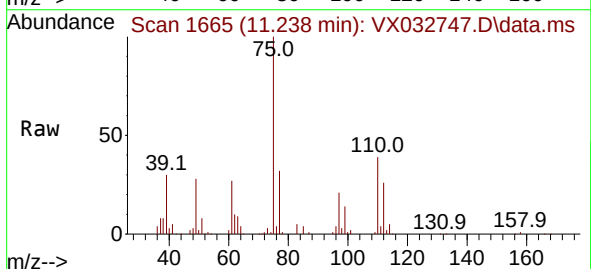
Manual Integrations
APPROVED

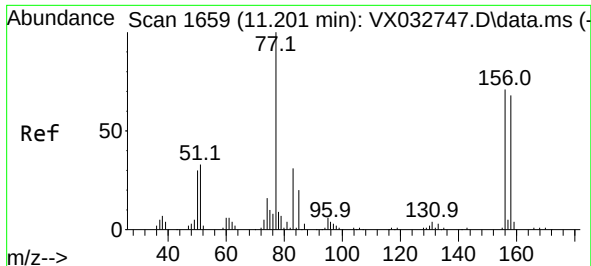
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
1,2,3-Trichloropropane
Concen: 23.472 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

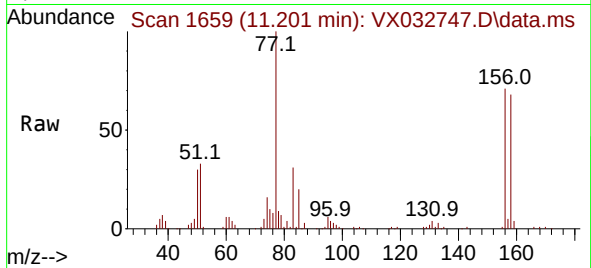
Tgt Ion: 75 Resp: 36663
Ion Ratio Lower Upper
75 100
77 38.3 0.0 76.6





#73
Bromobenzene
Concen: 19.618 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

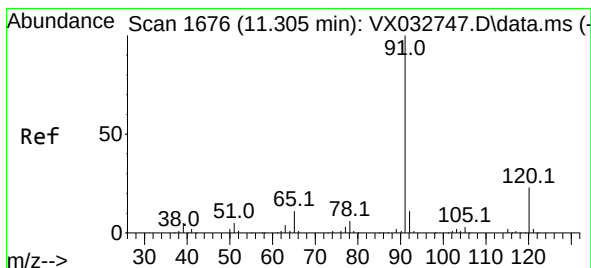
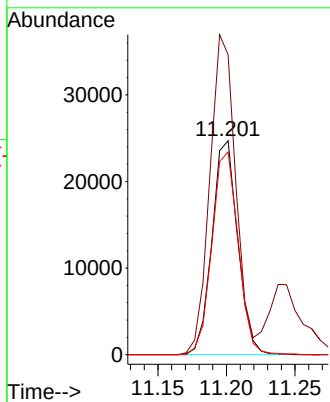
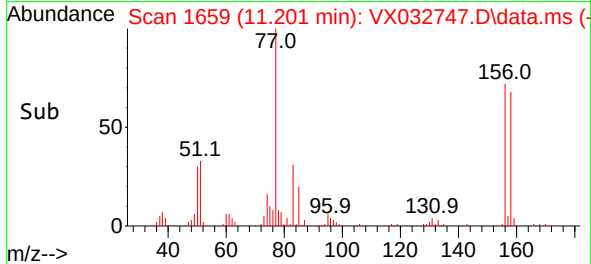
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



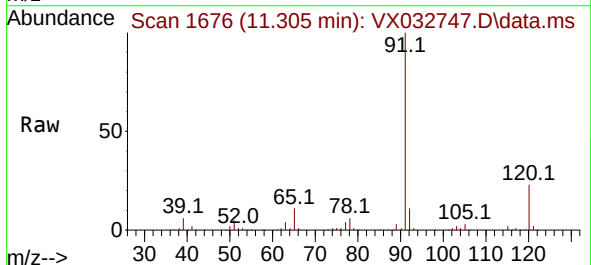
Tgt Ion:156 Resp: 3225
Ion Ratio Lower Upper
156 100
77 149.7 0.0 259.2
158 96.6 0.0 193.2

Manual Integrations
APPROVED

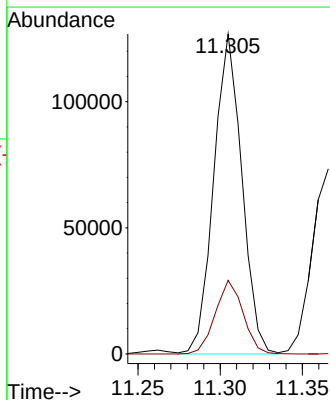
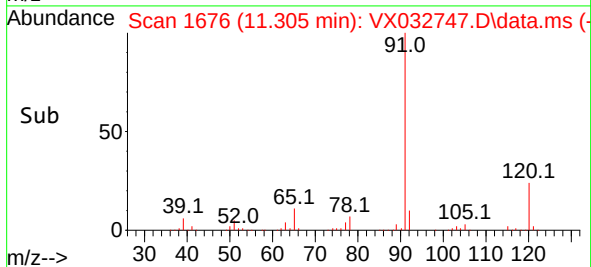
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

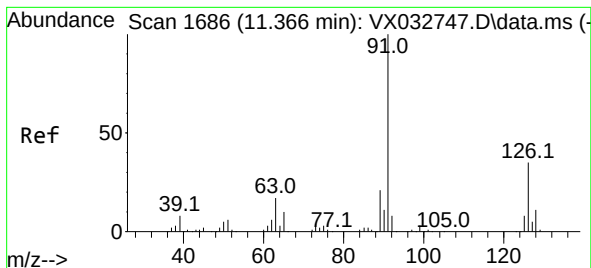


#74
n-propylbenzene
Concen: 21.949 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



Tgt Ion: 91 Resp: 150606
Ion Ratio Lower Upper
91 100
120 22.7 0.0 51.0





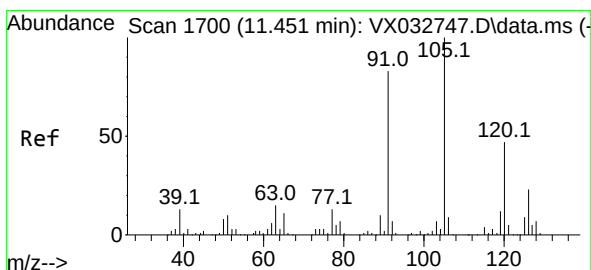
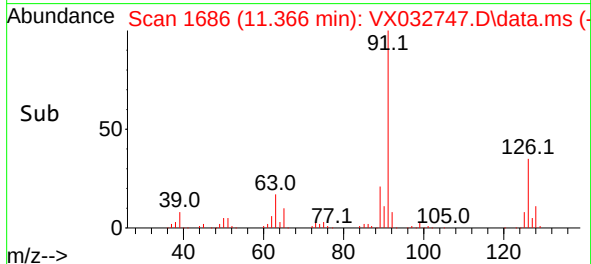
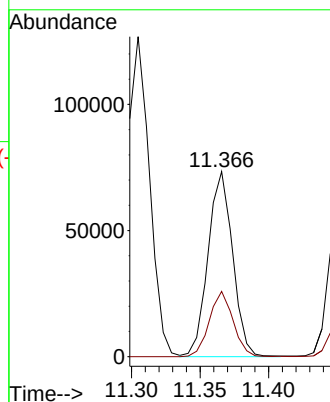
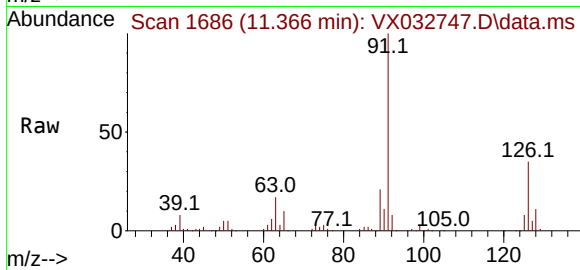
#75
2-Chlorotoluene
Concen: 22.169 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 91648
Ion Ratio Lower Upper
91 100
126 34.0 0.0 76.4

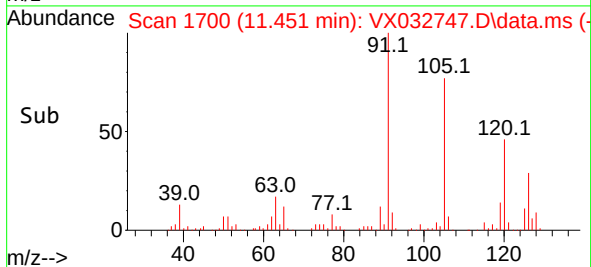
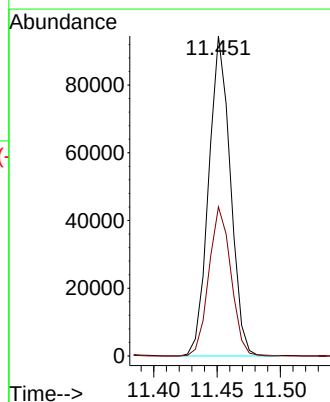
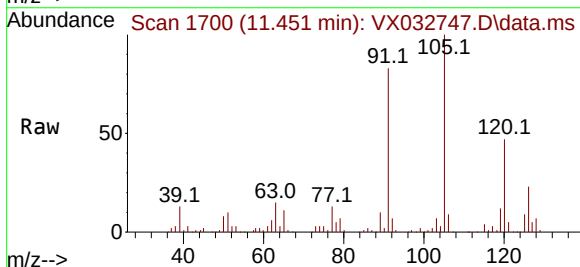
Manual Integrations
APPROVED

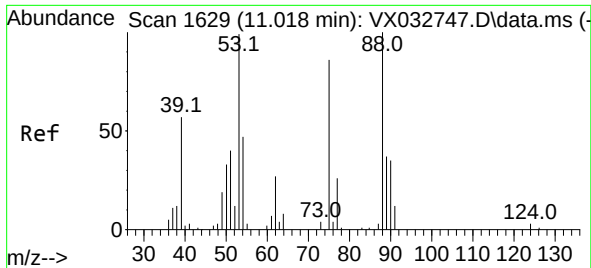
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion:105 Resp: 112745
Ion Ratio Lower Upper
105 100
120 47.2 0.0 100.6





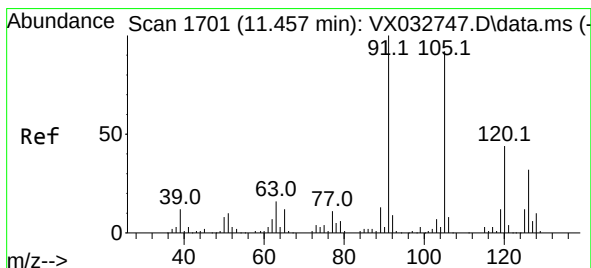
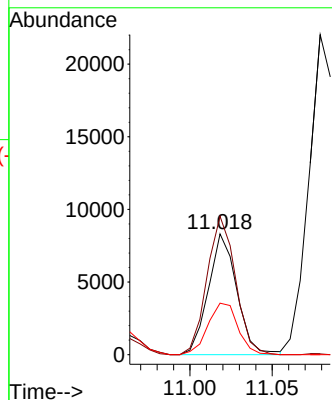
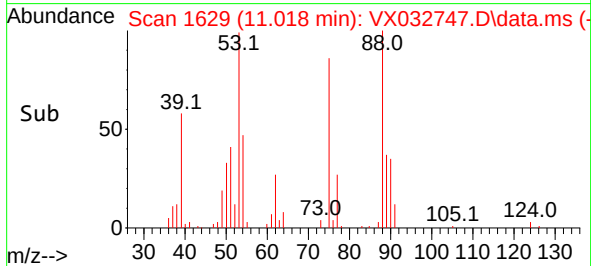
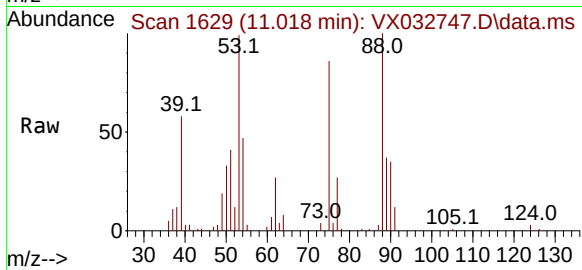
#77
t-1,4-Dichloro-2-butene
Concen: 21.659 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 10018
Ion Ratio Lower Upper
75 100
53 114.6 51.8 155.4
89 42.6 22.9 68.8

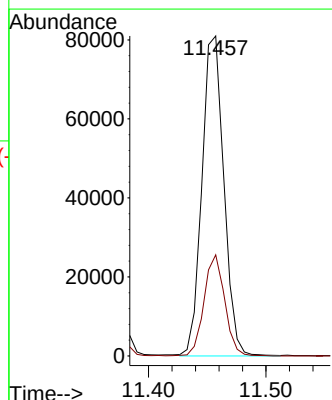
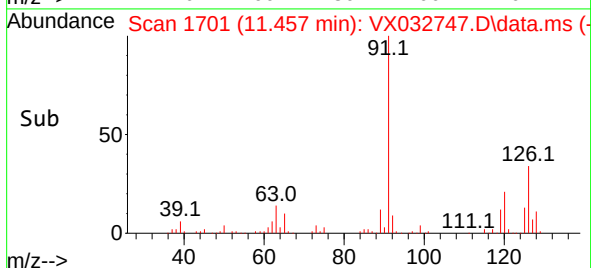
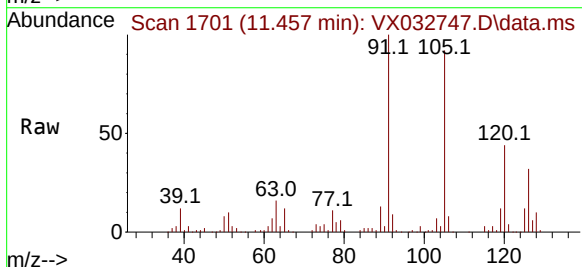
Manual Integrations
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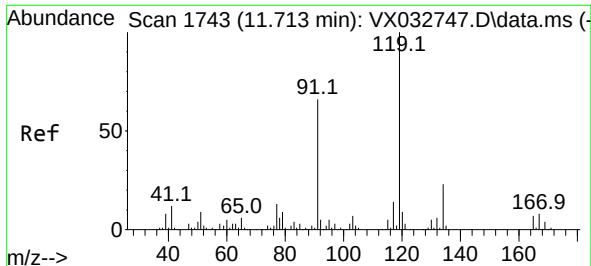
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#78
4-Chlorotoluene
Concen: 22.261 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

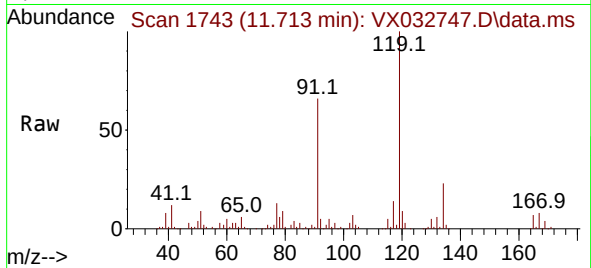
Tgt Ion: 91 Resp: 104912
Ion Ratio Lower Upper
91 100
126 29.7 0.0 67.0





#79
tert-butylbenzene
Concen: 20.742 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

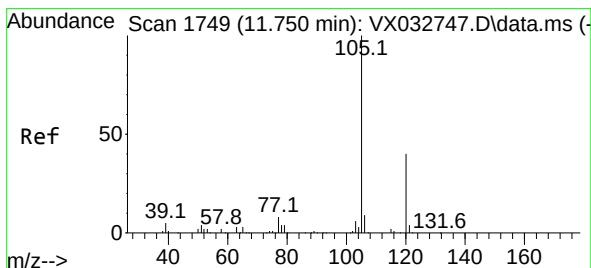
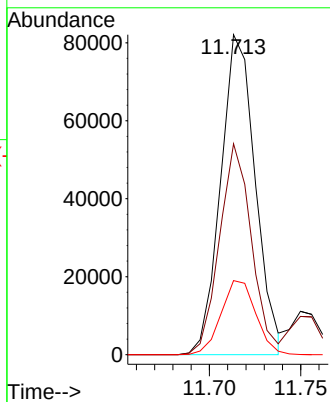
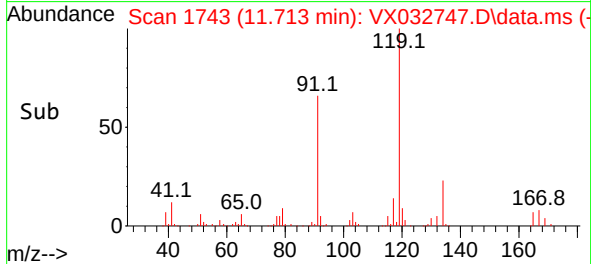
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



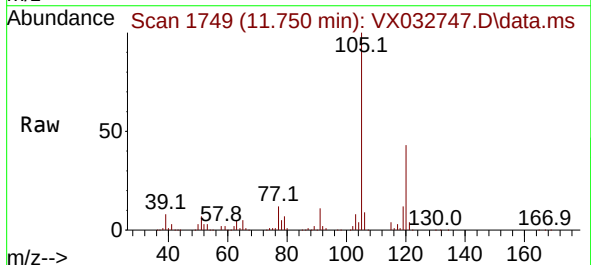
Tgt Ion:119 Resp: 10817
Ion Ratio Lower Upper
119 100
91 61.2 0.0 112.0
134 23.4 0.0 51.0

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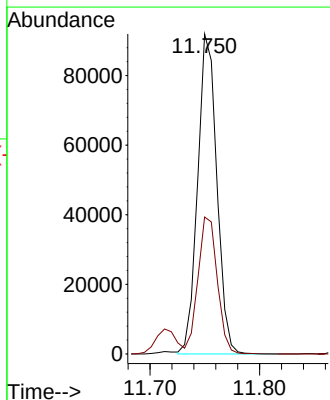
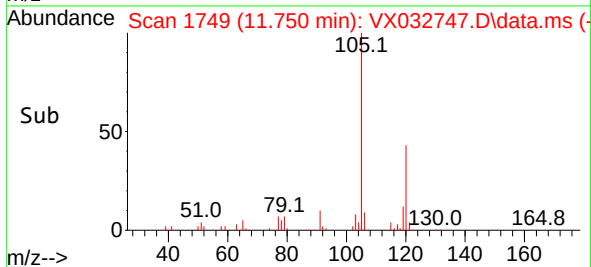
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

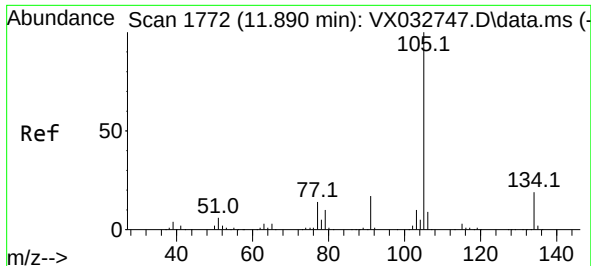


#80
1,2,4-Trimethylbenzene
Concen: 21.585 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



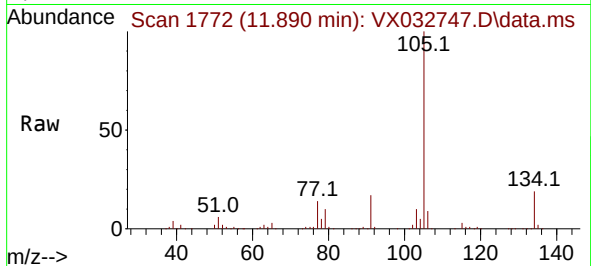
Tgt Ion:105 Resp: 111855
Ion Ratio Lower Upper
105 100
120 42.9 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 20.508 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032747.D
 Acq: 11 Nov 2022 00:35

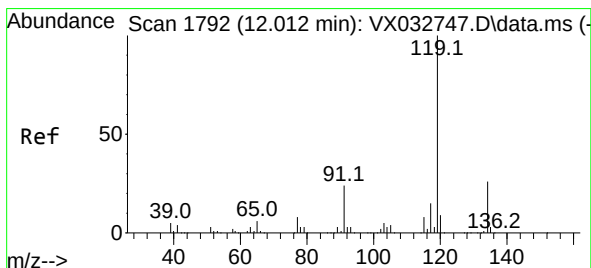
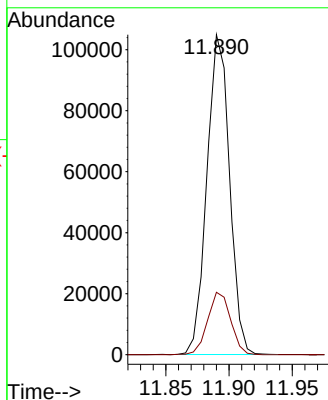
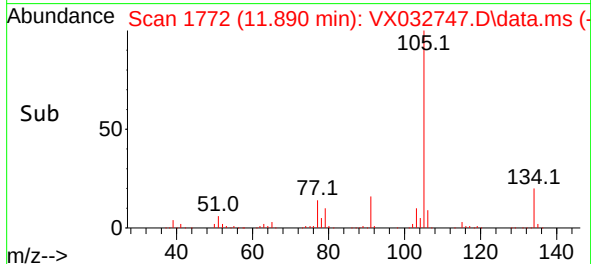
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020



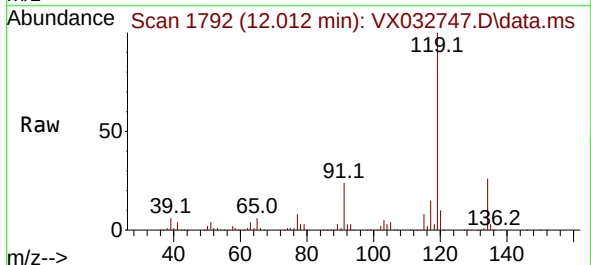
Tgt Ion:105 Resp: 130692
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 44.4

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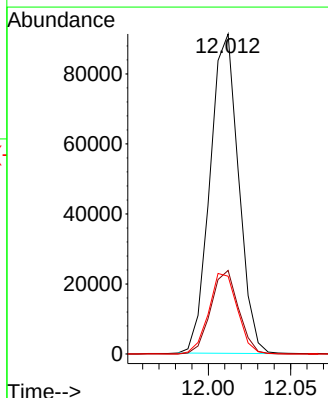
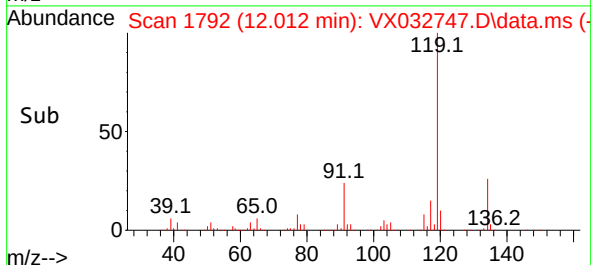
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

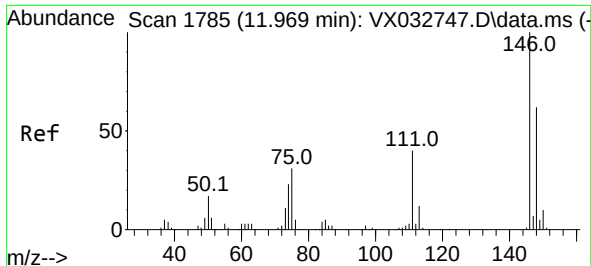


#82
 p-Isopropyltoluene
 Concen: 19.879 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032747.D
 Acq: 11 Nov 2022 00:35



Tgt Ion:119 Resp: 110394
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 55.4
 91 25.4 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 19.287 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 59777

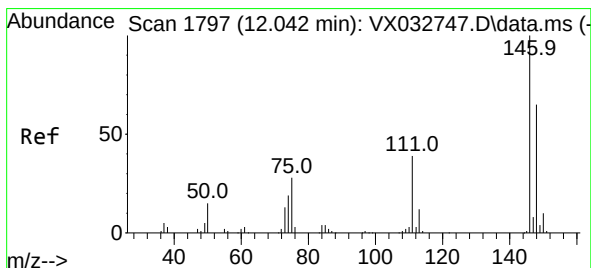
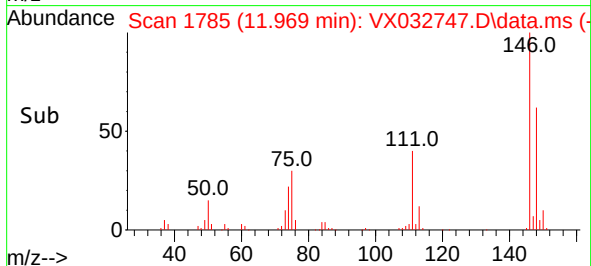
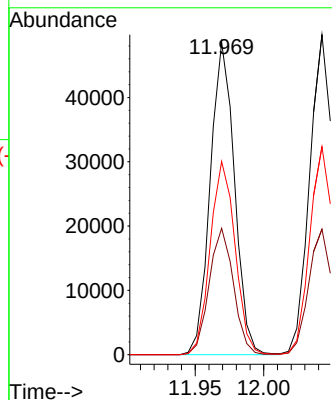
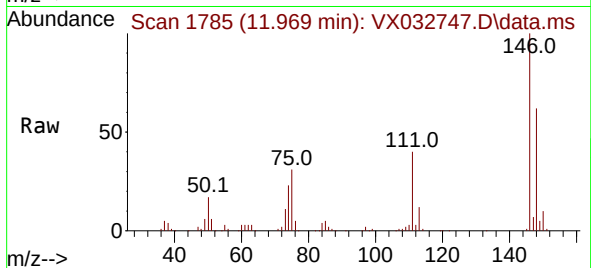
Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.4	58.1
148	63.5	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#84

1,4-Dichlorobenzene

Concen: 18.949 ug/l

RT: 12.042 min Scan# 1797

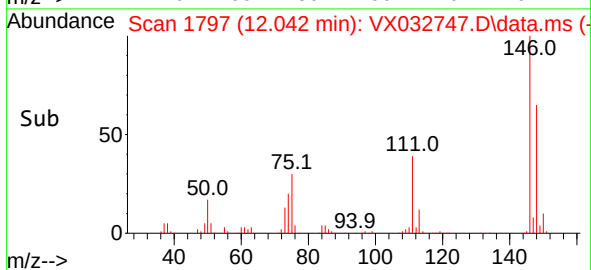
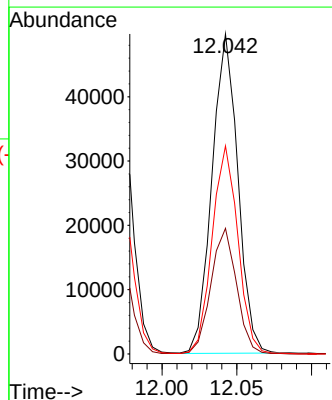
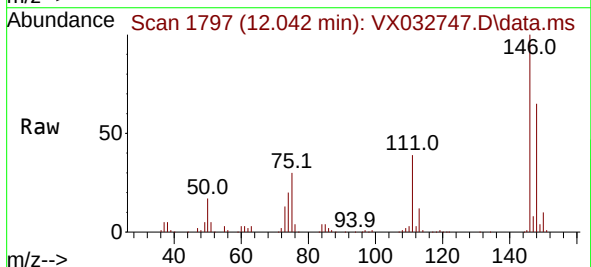
Delta R.T. 0.000 min

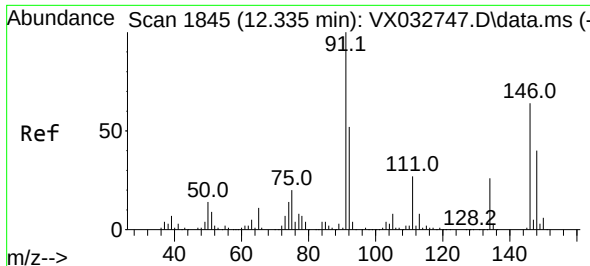
Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Tgt Ion:146 Resp: 59777

Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.9	56.5
148	65.1	31.6	95.0





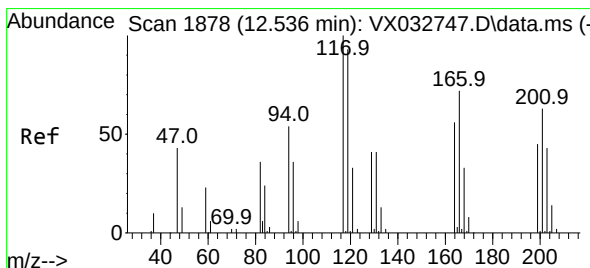
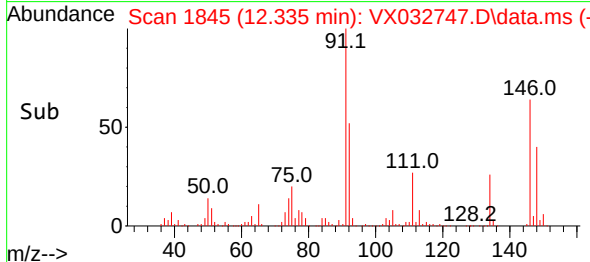
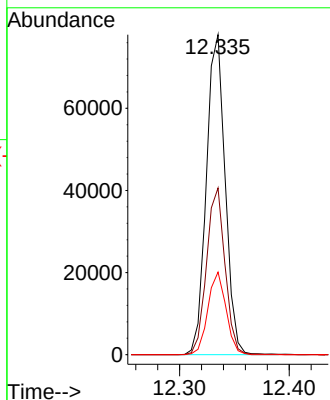
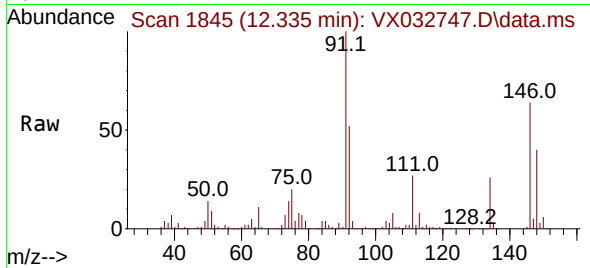
#85
n-Butylbenzene
Concen: 21.178 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 92825
Ion Ratio Lower Upper
91 100
92 51.0 0.0 108.4
134 24.9 0.0 60.6

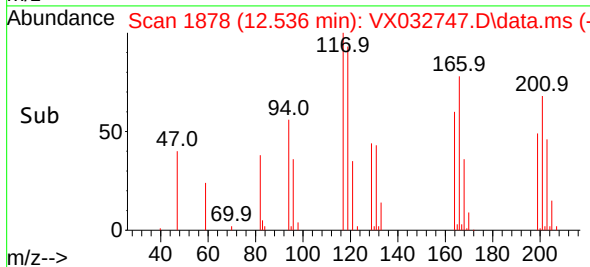
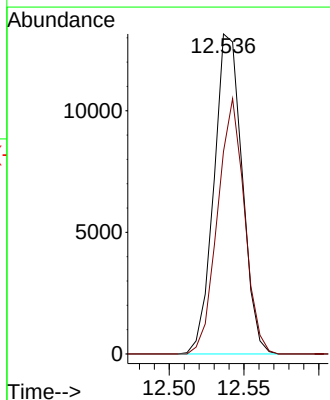
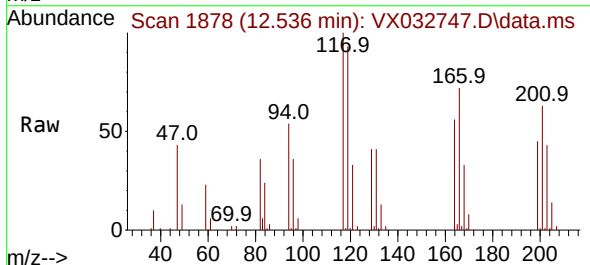
Manual Integrations
APPROVED

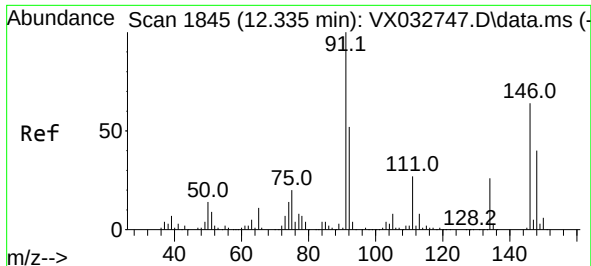
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 19.501 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

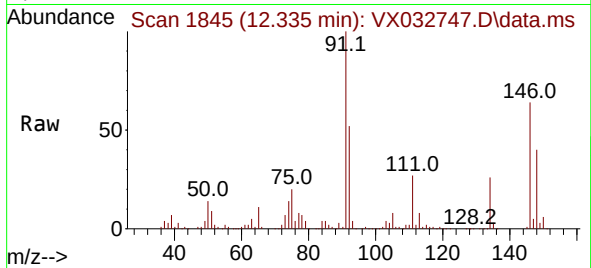
Tgt Ion:117 Resp: 17279
Ion Ratio Lower Upper
117 100
201 75.8 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 19.176 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

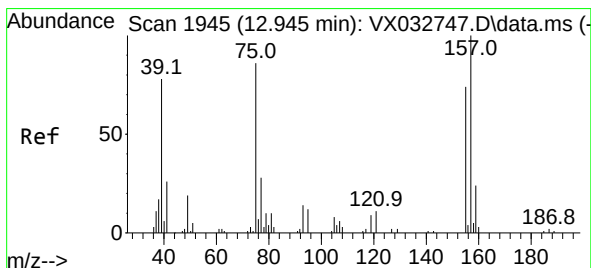
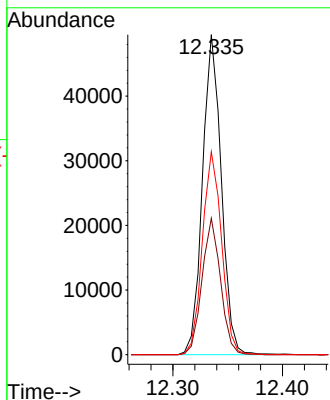
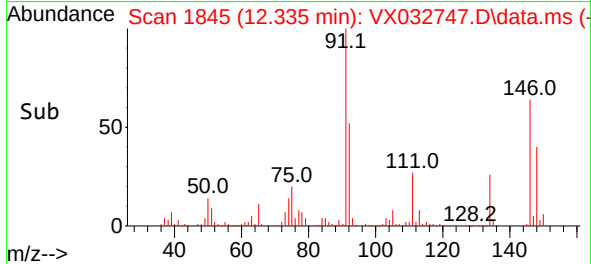
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 5909
Ion Ratio Lower Upper
146 100
111 42.0 20.0 60.0
148 64.6 33.0 99.0

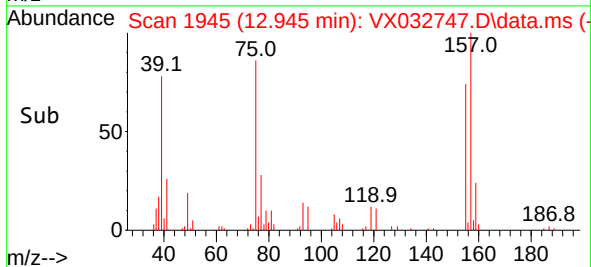
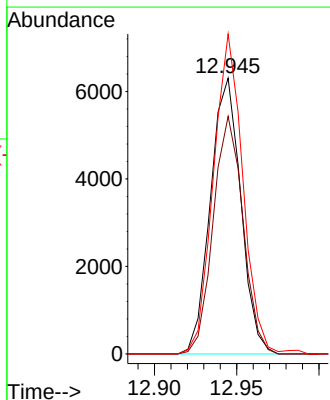
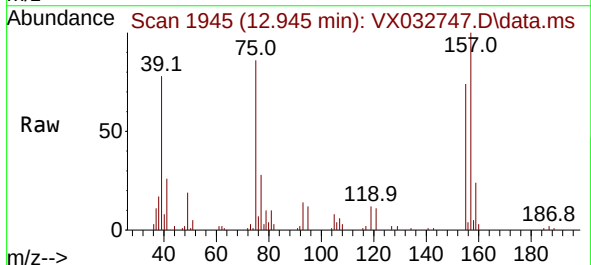
Manual Integrations
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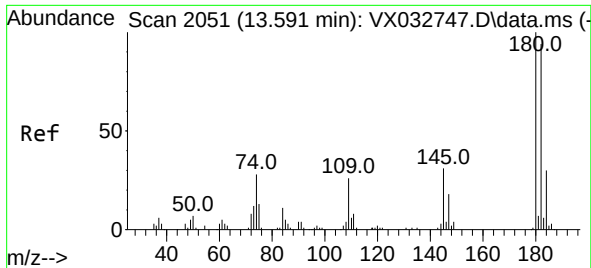
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.473 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

Tgt Ion: 75 Resp: 8117
Ion Ratio Lower Upper
75 100
155 84.2 85.0 127.6#
157 111.9 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 17.753 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

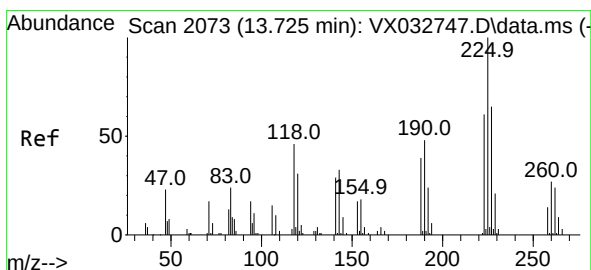
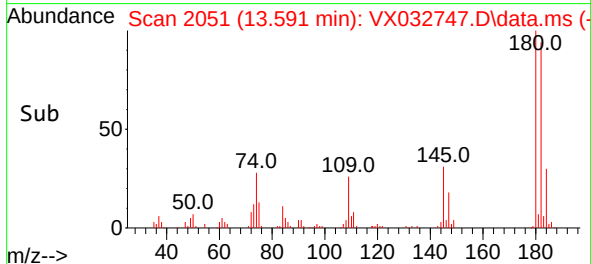
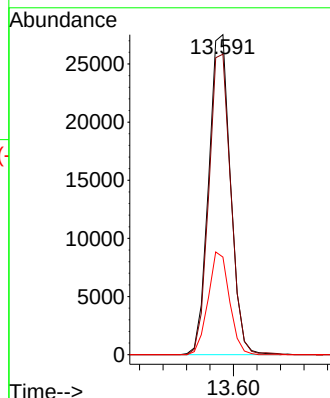
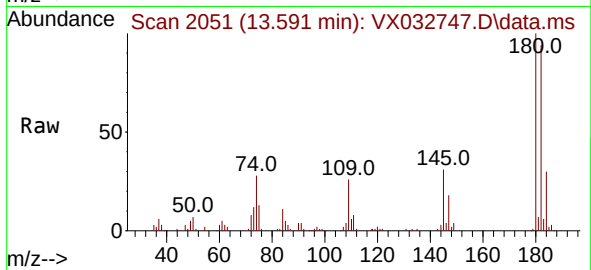
Tgt Ion:180	Resp:	3548
Ion Ratio	Lower	Upper
180	100	
182	94.1	75.3 112.9
145	31.4	25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#90

Hexachlorobutadiene

Concen: 17.718 ug/l

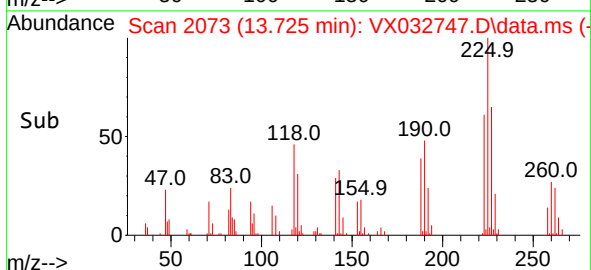
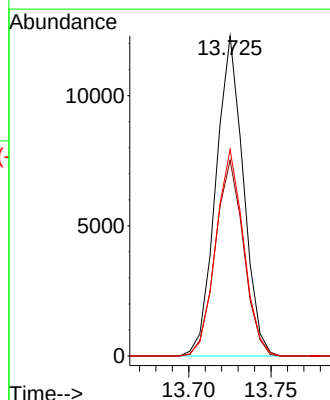
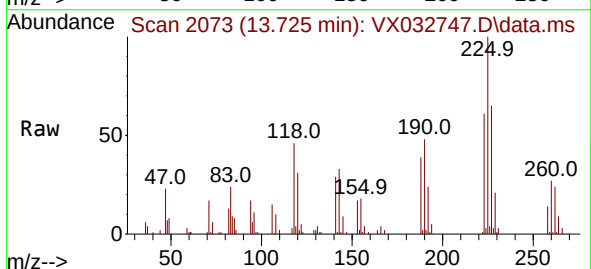
RT: 13.725 min Scan# 2073

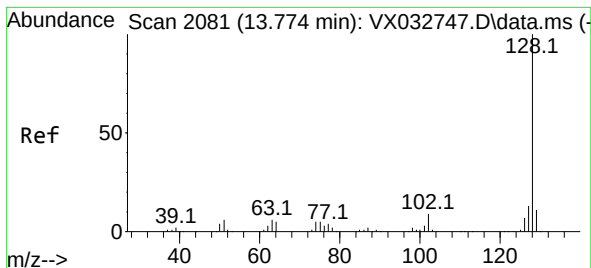
Delta R.T. 0.000 min

Lab File: VX032747.D

Acq: 11 Nov 2022 00:35

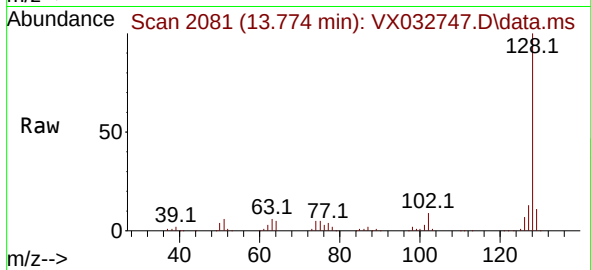
Tgt Ion:225	Resp:	14286
Ion Ratio	Lower	Upper
225	100	
223	62.9	0.0 126.0
227	65.3	0.0 127.6





#91
Naphthalene
Concen: 19.214 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35

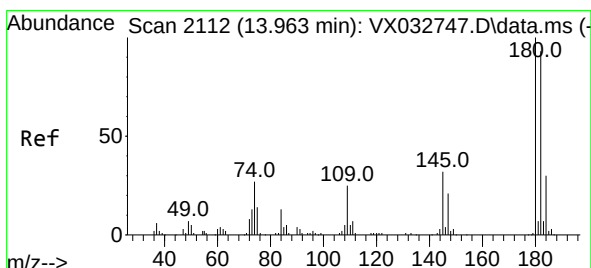
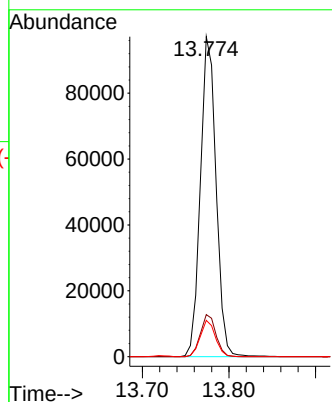
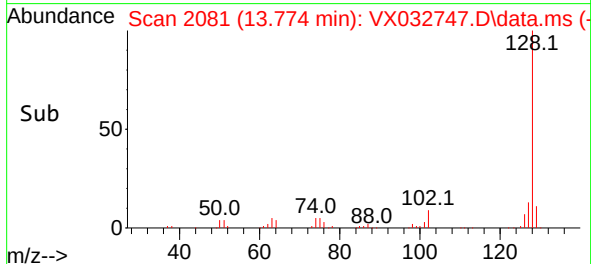
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



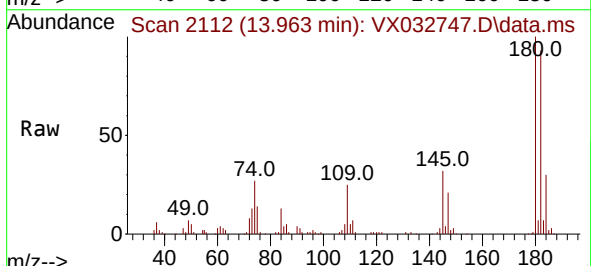
Tgt Ion:128 Resp: 122264
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 11.0 8.4 12.6

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



#92
1,2,3-Trichlorobenzene
Concen: 18.457 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032747.D
Acq: 11 Nov 2022 00:35



Tgt Ion:180 Resp: 36759
Ion Ratio Lower Upper
180 100
182 94.1 0.0 199.0
145 33.2 0.0 68.2

