

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032746.D
 Acq On : 11 Nov 2022 00:12
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 11 04:56:01 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.904	128	11261	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	80062	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85257	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	33129	37.470	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 124.900%#			
60) 4-Bromofluorobenzene	11.079	95	47520	30.285	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.933%			
63) Toluene-d8	8.647	98	87018	21.702	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 72.333%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4708	8.014	ug/l	97
3) Chloromethane	1.294	50	5325	8.975	ug/l	93
4) Vinyl Chloride	1.374	62	5802	7.710	ug/l	99
5) Bromomethane	1.611	94	5827	8.495	ug/l	94
6) Chloroethane	1.685	64	4645	7.240	ug/l	94
7) Trichlorofluoromethane	1.886	101	11263	7.244	ug/l	95
8) Diethyl Ether	2.130	74	3588	6.956	ug/l	67
9) 1,1,2-Trichlorotrifluo...	2.331	101	5990	7.823	ug/l	95
10) 1,1-Dichloroethene	2.319	96	5737	8.051	ug/l	95
11) Methyl Iodide	2.453	142	4435	5.690	ug/l	98
12) Methyl Acetate	2.709	43	8290	9.320	ug/l	92
13) Acrolein	2.239	56	5900	63.462	ug/l	97
14) Acrylonitrile	3.069	53	15225	43.181	ug/l	98
15) Acetone	2.386	58	4006	42.306	ug/l	70
16) Carbon Disulfide	2.514	76	13665	8.389	ug/l	96
17) Allyl chloride	2.666	41	8776	9.367	ug/l	92
18) Methylene Chloride	2.794	84	7321	8.977	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	6206	7.663	ug/l #	85
20) Diisopropyl ether	3.757	45	19325	9.118	ug/l	91
21) 1,1-Dichloroethane	3.611	63	11068	8.282	ug/l	97
22) cis-1,2-Dichloroethene	4.489	96	7178	7.407	ug/l	88
23) tert-Butyl Alcohol	2.989	59	4729m	36.579	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	19829	8.064	ug/l #	87
25) Chloroform	5.093	83	12542	7.985	ug/l	95
26) Cyclohexane	5.471	56	9819	8.841	ug/l #	82
29) 1,1-Dichloropropene	5.696	75	9004	6.712	ug/l	94
30) 2-Butanone	4.568	43	21544	38.432	ug/l #	87
31) 2,2-Dichloropropane	4.477	77	7339m	5.647	ug/l	
32) 1,1,1-Trichloroethane	5.385	97	10760	6.115	ug/l	93
33) Carbon Tetrachloride	5.678	117	9287	5.838	ug/l	98
34) Benzene	6.044	78	25451	6.502	ug/l #	94
35) Methacrylonitrile	4.916	41	4523	7.514	ug/l	86
36) 1,2-Dichloroethane	6.086	62	10398	7.223	ug/l #	83
37) Trichloroethene	7.129	130	7231	5.806	ug/l	90
38) Methylcyclohexane	7.385	83	10067	6.254	ug/l	88
39) 1,2-Dichloropropane	7.428	63	6540	7.112	ug/l	97
40) Dibromomethane	7.586	93	4944	6.381	ug/l	93
41) Bromodichloromethane	7.824	83	8609	6.041	ug/l	96
42) Vinyl Acetate	3.721	43	75306	36.440	ug/l #	91

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

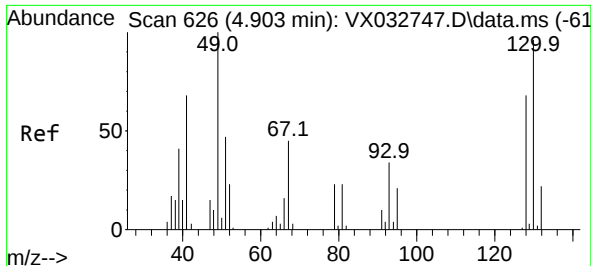
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 04:56:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
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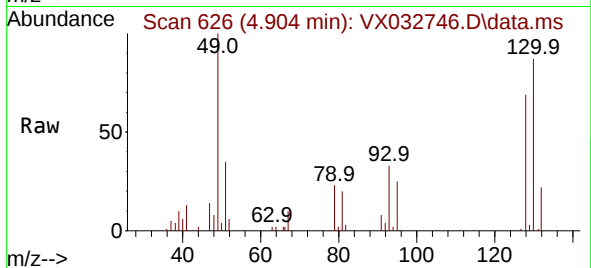
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	7818	6.877	ug/l #	90
44) Isopropyl Acetate	6.342	43	13040	7.149	ug/l	96
45) 1,4-Dioxane	7.696	88	2749	118.419	ug/l #	91
46) Methyl methacrylate	7.696	41	6570	7.553	ug/l	82
47) n-amyl Acetate	10.848	43	10605	6.671	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	8064	5.684	ug/l	93
49) cis-1,3-Dichloropropene	8.366	75	8792	5.711	ug/l #	84
50) 1,1,2-Trichloroethane	9.153	97	6554	5.946	ug/l	94
51) Ethyl methacrylate	9.116	69	8904	6.010	ug/l	72
52) 1,3-Dichloropropane	9.311	76	10679	6.189	ug/l	99
53) Dibromochloromethane	9.525	129	6226	5.047	ug/l	99
54) 1,2-Dibromoethane	9.610	107	6754	5.552	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	23170	32.283	ug/l #	92
56) Bromoform	10.805	173	4384	4.849	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	41843	33.823	ug/l #	91
59) 2-Hexanone	9.433	43	30045	32.561	ug/l	91
61) Tetrachloroethene	9.275	164	6532	4.902	ug/l	97
62) Toluene	8.720	91	28366	5.696	ug/l	96
64) Chlorobenzene	10.079	112	17092	5.133	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	6078	4.772	ug/l	97
66) Ethyl Benzene	10.195	91	30954	5.537	ug/l	97
67) m/p-Xylenes	10.299	106	23560	10.289	ug/l	90
68) o-Xylene	10.640	106	11558	5.127	ug/l	90
69) Styrene	10.659	104	18205	4.953	ug/l	93
70) Isopropylbenzene	10.963	105	30998	5.275	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	9806	5.763	ug/l	96
72) 1,2,3-Trichloropropane	11.238	75	8363m	5.651	ug/l	
73) Bromobenzene	11.201	156	7501	4.816	ug/l	84
74) n-propylbenzene	11.305	91	33395	5.137	ug/l	95
75) 2-Chlorotoluene	11.366	91	21325	5.445	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	25348	5.120	ug/l	95
77) t-1,4-Dichloro-2-butene	11.018	75	1839	4.197	ug/l	84
78) 4-Chlorotoluene	11.457	91	23775	5.325	ug/l	94
79) tert-butylbenzene	11.713	119	24787	5.016	ug/l	94
80) 1,2,4-Trimethylbenzene	11.750	105	24522	4.995	ug/l	98
81) sec-Butylbenzene	11.890	105	29279	4.849	ug/l	95
82) p-Isopropyltoluene	12.012	119	24189	4.598	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	13345	4.545	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	13225	4.425	ug/l	95
85) n-Butylbenzene	12.335	91	19805	4.769	ug/l	94
86) Hexachloroethane	12.536	117	3611	4.302	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	13895	4.759	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	1780	5.202	ug/l #	81
89) 1,2,4-Trichlorobenzene	13.591	180	7981	4.214	ug/l	98
90) Hexachlorobutadiene	13.725	225	3543	4.638	ug/l	96
91) Naphthalene	13.774	128	26681	4.426	ug/l	98
92) 1,2,3-Trichlorobenzene	13.963	180	8127	4.307	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

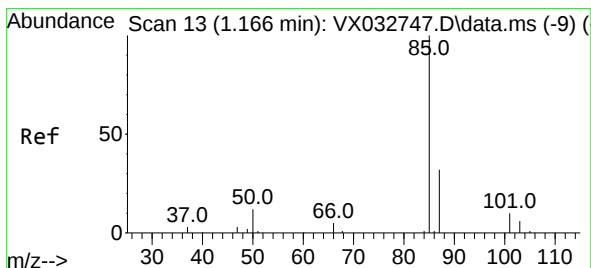
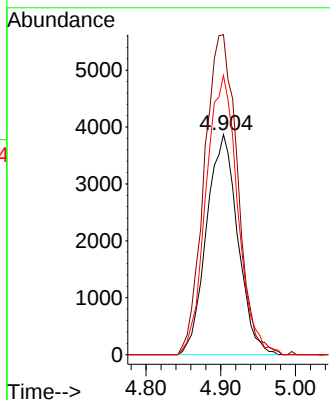
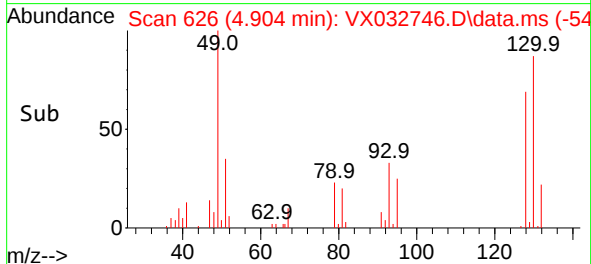
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 1126
Ion Ratio Lower Upper
128 100
49 153.8 0.0 293.0
130 127.7 0.0 321.5

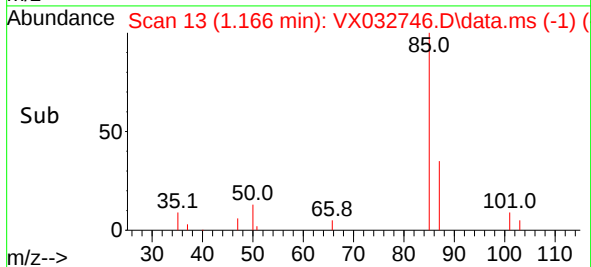
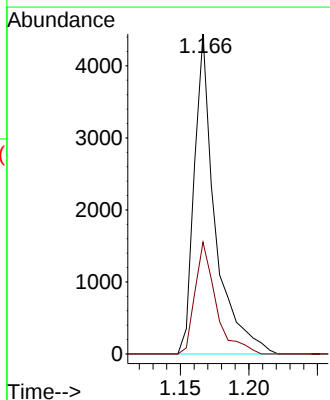
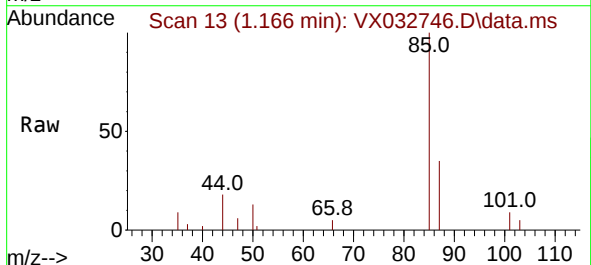
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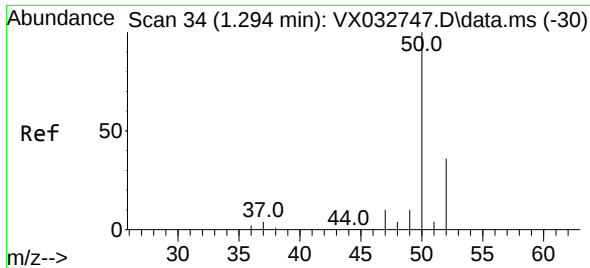
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#2
Dichlorodifluoromethane
Concen: 8.014 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

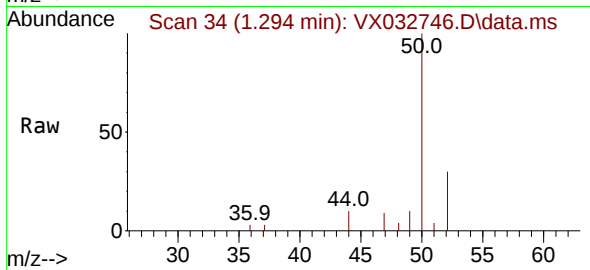
Tgt Ion: 85 Resp: 4708
Ion Ratio Lower Upper
85 100
87 35.0 16.5 49.5





#3
Chloromethane
Concen: 8.975 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

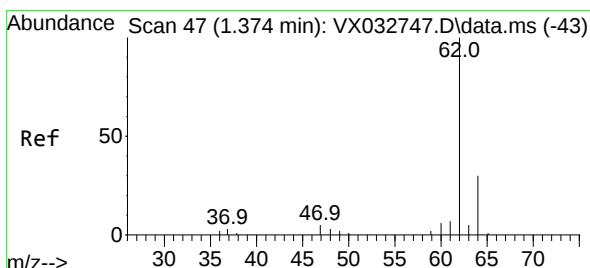
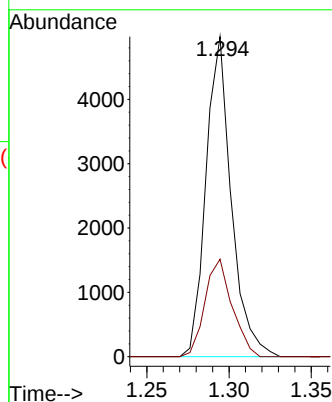
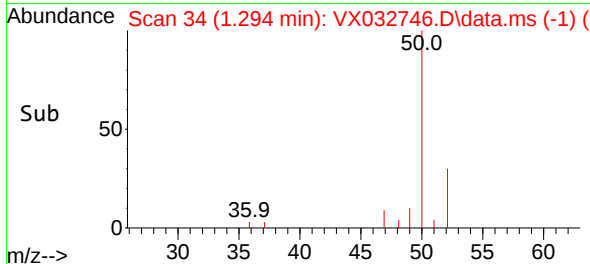
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



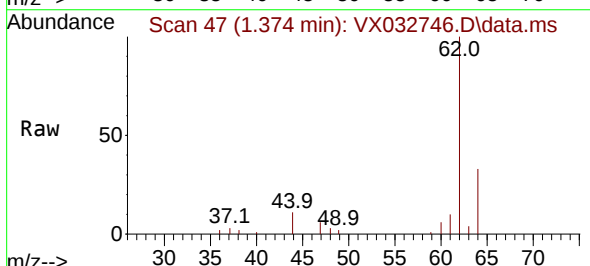
Tgt Ion: 50 Resp: 532
Ion Ratio Lower Upper
50 100
52 30.5 27.6 41.4

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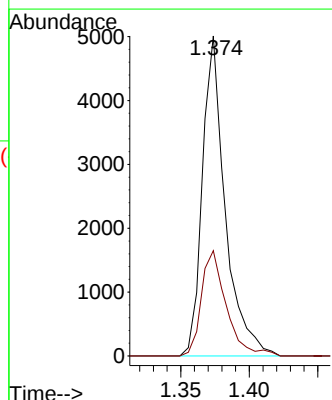
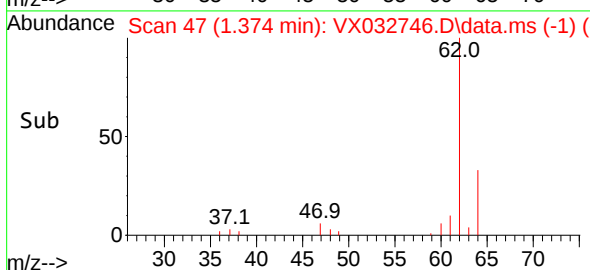
Reviewed By :John Carlone 11/11/2022
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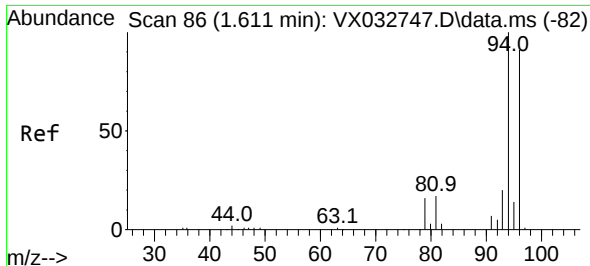


#4
Vinyl Chloride
Concen: 7.710 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



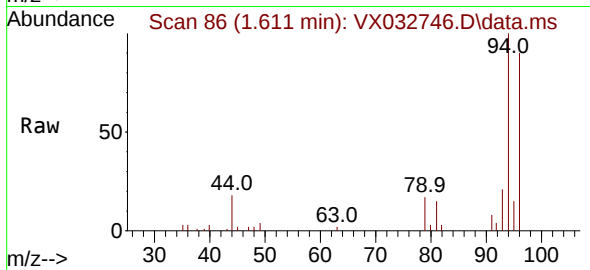
Tgt Ion: 62 Resp: 5802
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5





#5
Bromomethane
Concen: 8.495 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

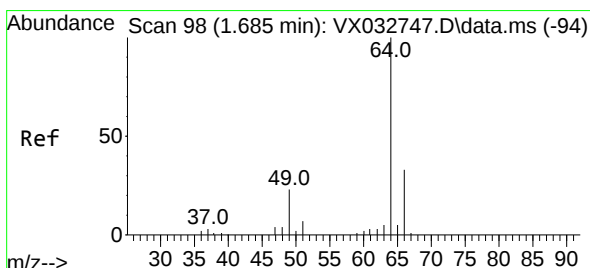
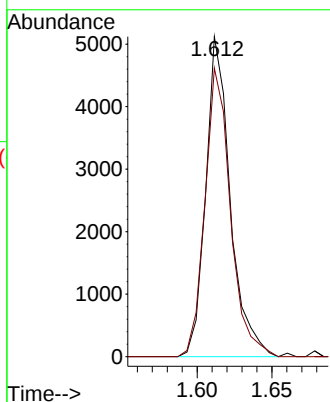
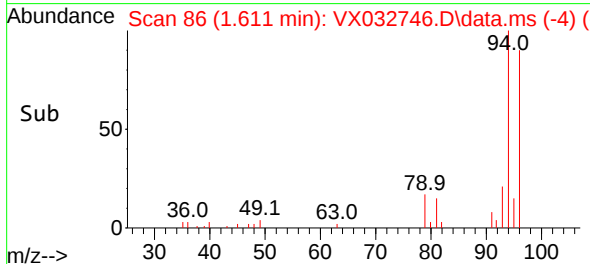
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 582
Ion Ratio Lower Upper
94 100
96 90.2 76.8 115.2

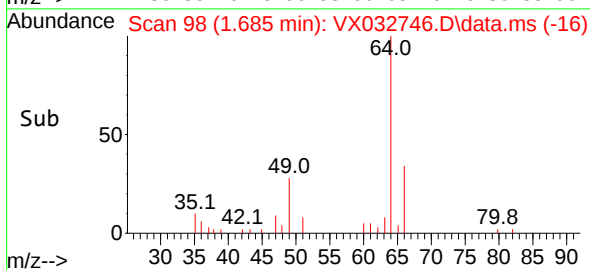
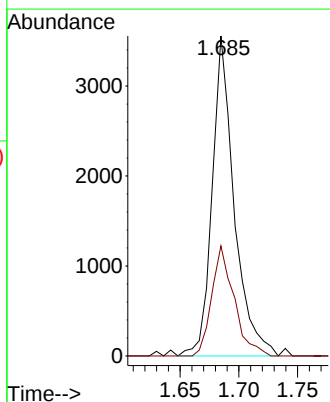
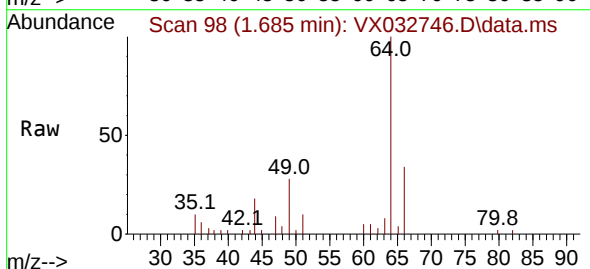
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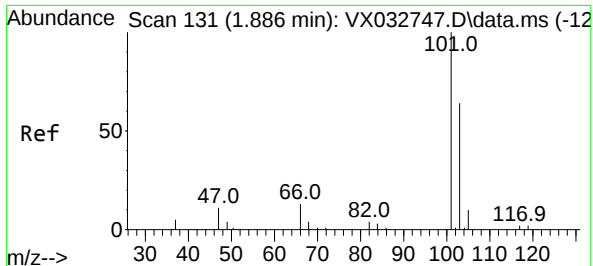
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#6
Chloroethane
Concen: 7.240 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 64 Resp: 4645
Ion Ratio Lower Upper
64 100
66 34.4 30.6 46.0





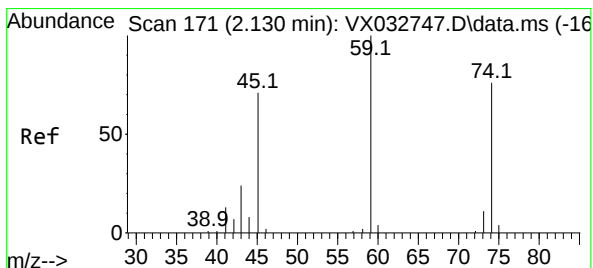
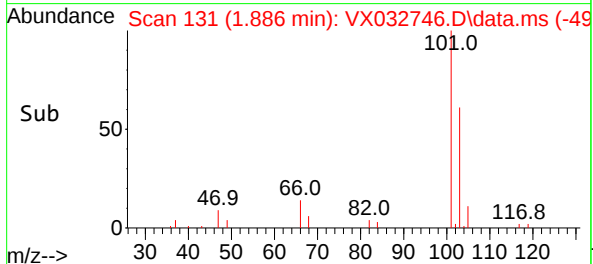
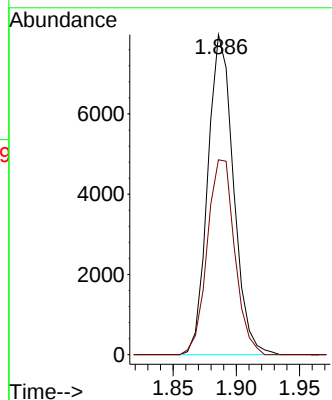
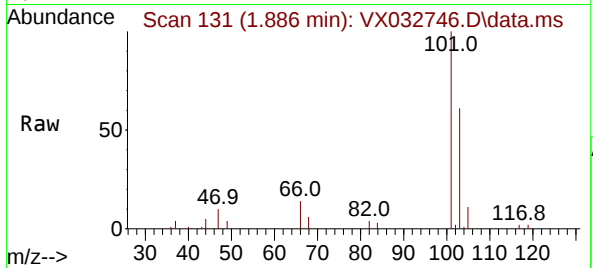
#7
 Trichlorofluoromethane
 Concen: 7.244 ug/l
 RT: 1.886 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 1126
 Ion Ratio Lower Upper
 101 100
 103 60.9 51.7 77.5

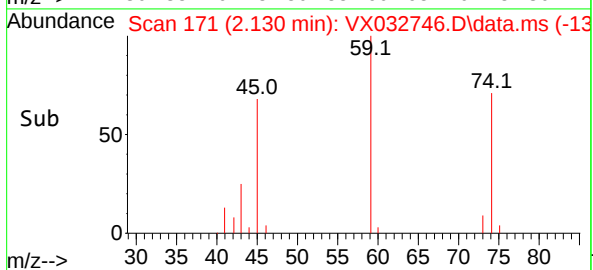
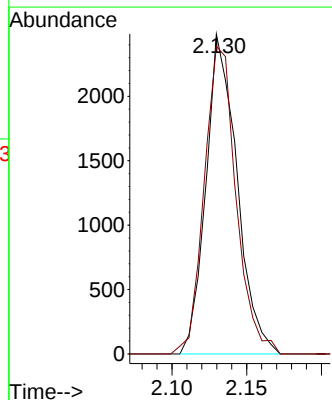
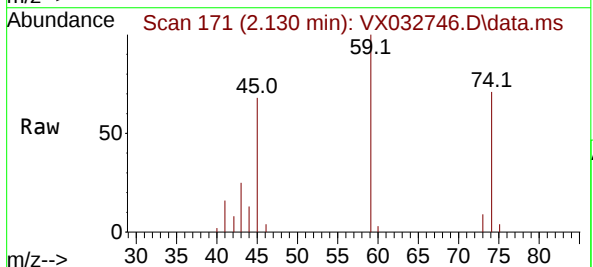
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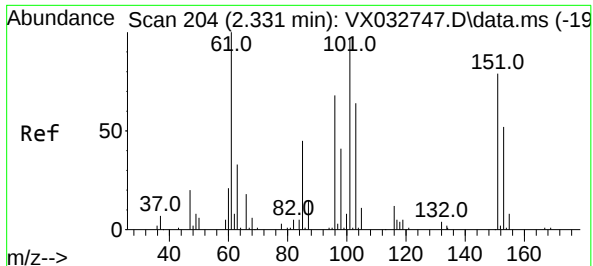
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#8
 Diethyl Ether
 Concen: 6.956 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

Tgt Ion: 74 Resp: 3588
 Ion Ratio Lower Upper
 74 100
 45 98.5 14.2 127.8





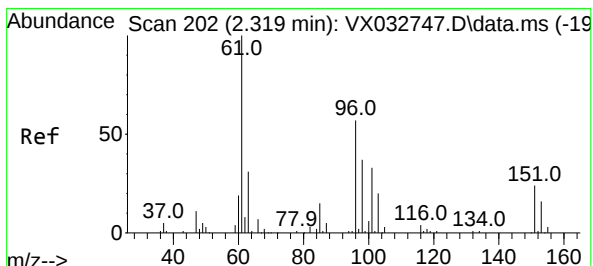
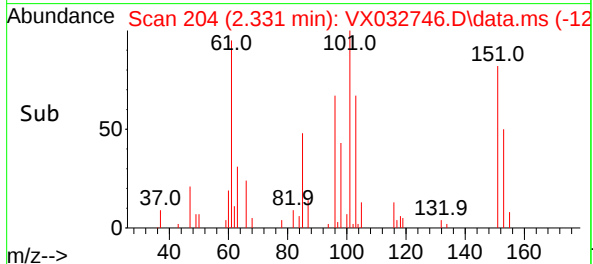
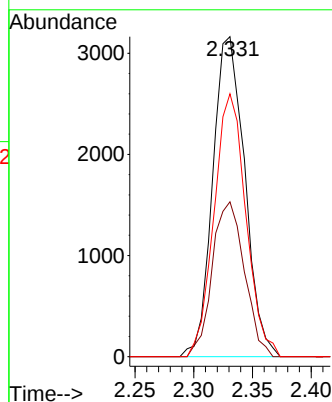
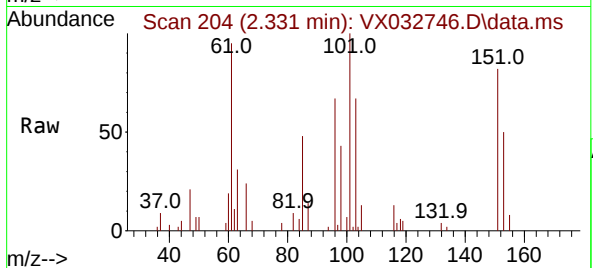
#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.823 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 5990
Ion Ratio Lower Upper
101 100
85 48.7 0.0 88.8
151 81.9 0.0 156.6

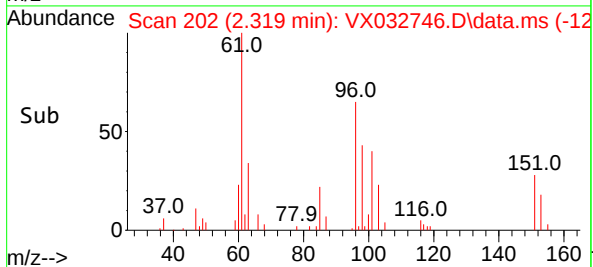
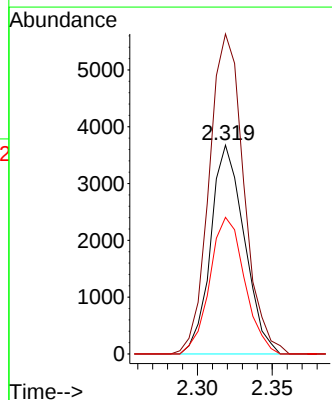
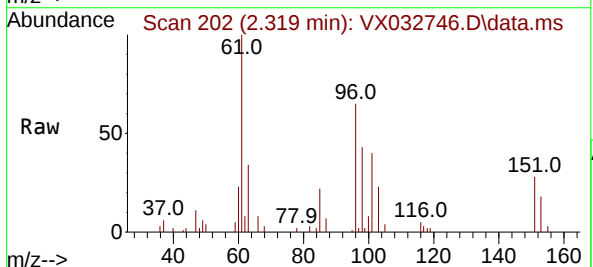
Manual Integrations
APPROVED

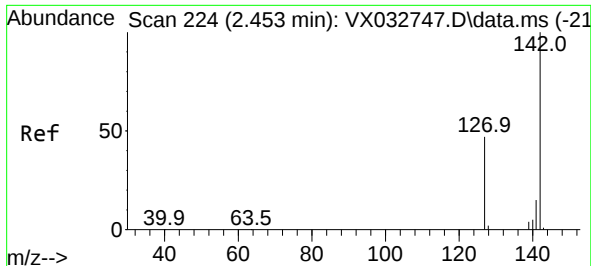
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 8.051 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 96 Resp: 5737
Ion Ratio Lower Upper
96 100
61 151.8 115.8 173.6
98 65.5 49.7 74.5





#11

Methyl Iodide

Concen: 5.690 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:142 Resp: 443

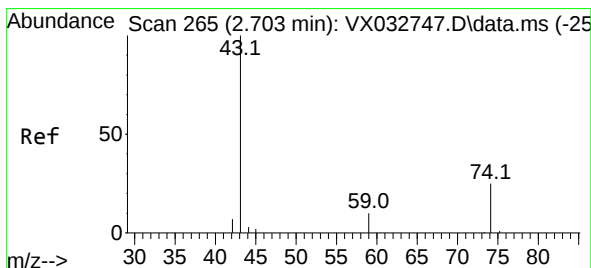
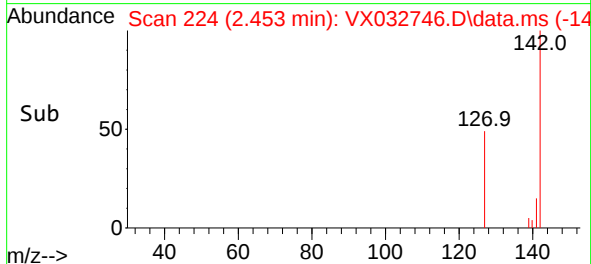
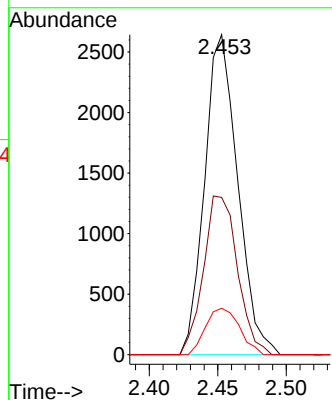
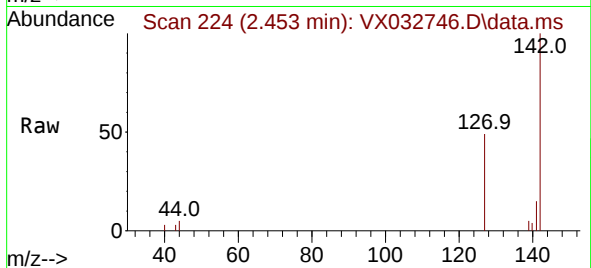
Ion	Ratio	Lower	Upper
142	100		
127	49.1	23.8	71.2
141	14.5	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#12

Methyl Acetate

Concen: 9.320 ug/l

RT: 2.709 min Scan# 266

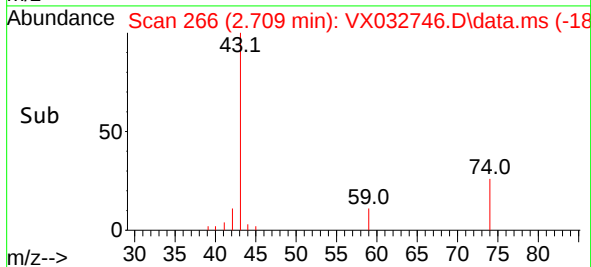
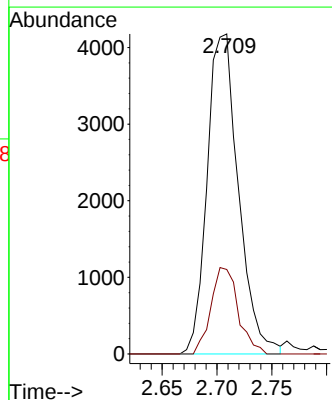
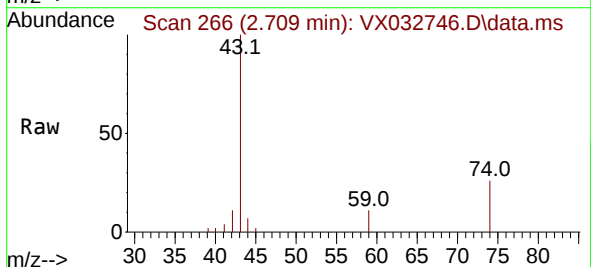
Delta R.T. 0.006 min

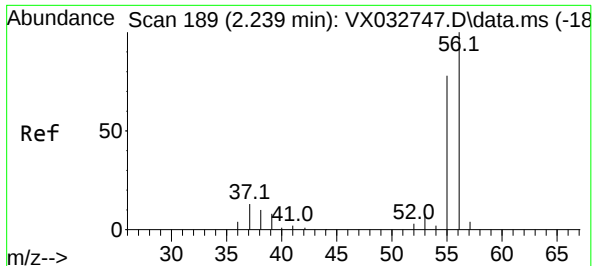
Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion: 43 Resp: 8290

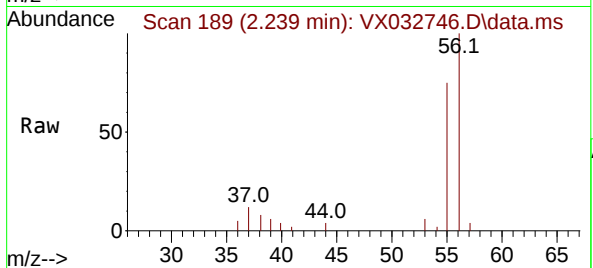
Ion	Ratio	Lower	Upper
43	100		
74	26.8	24.8	37.2





#13
Acrolein
Concen: 63.462 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

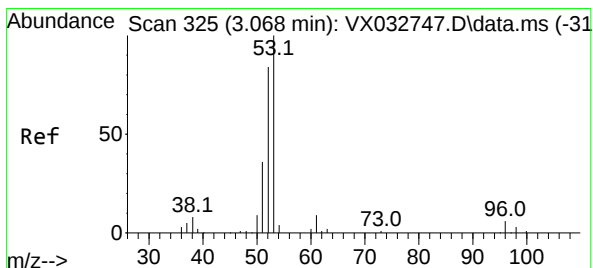
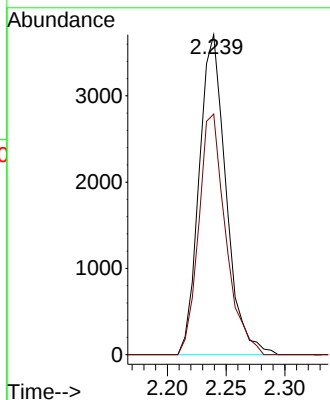
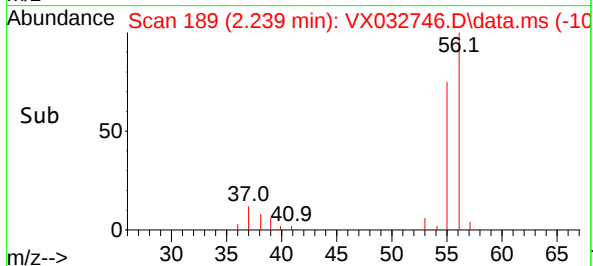
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



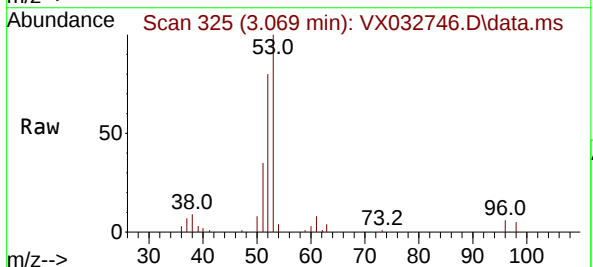
Tgt Ion: 56 Resp: 5900
Ion Ratio Lower Upper
56 100
55 75.5 58.4 87.6

Manual Integrations
APPROVED

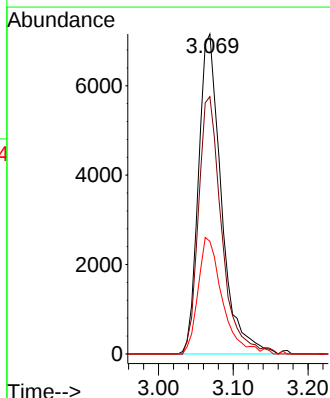
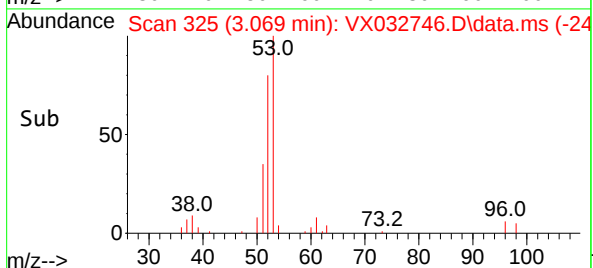
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

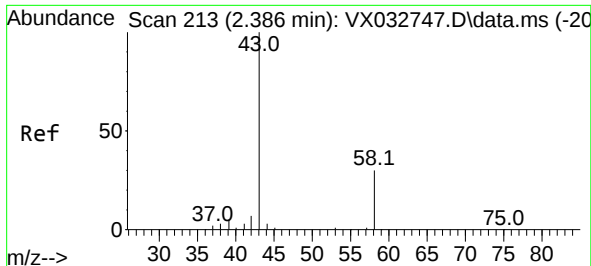


#14
Acrylonitrile
Concen: 43.181 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 53 Resp: 15225
Ion Ratio Lower Upper
53 100
52 80.5 41.5 124.5
51 37.3 18.3 54.9





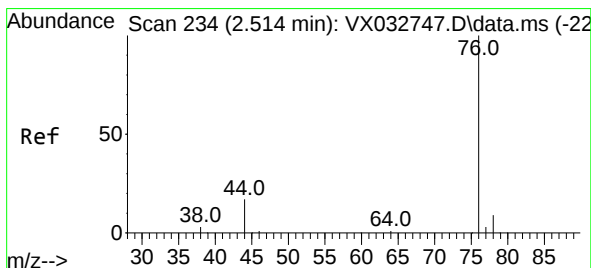
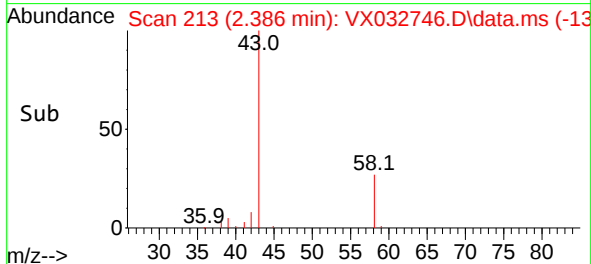
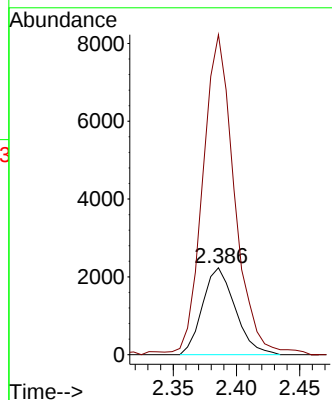
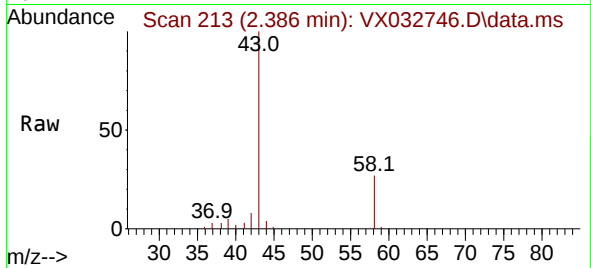
#15
Acetone
Concen: 42.306 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 58 Resp: 4000
Ion Ratio Lower Upper
58 100
43 362.4 242.6 364.0

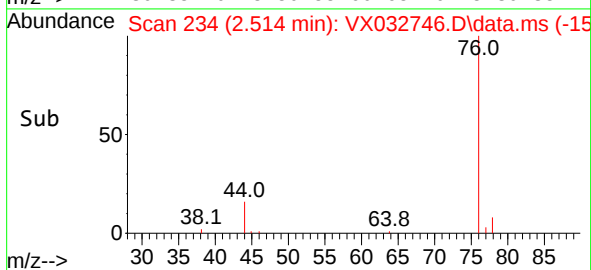
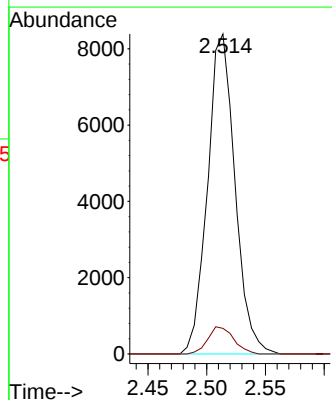
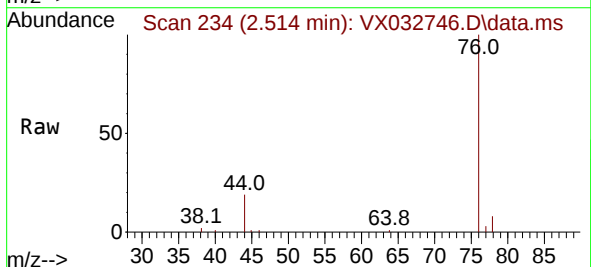
Manual Integrations
APPROVED

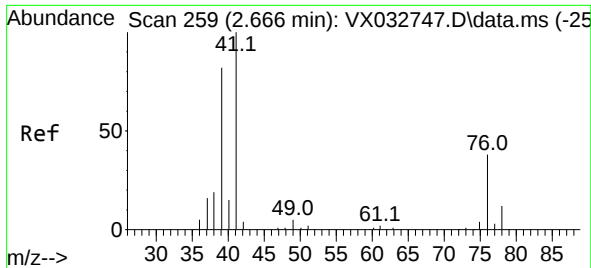
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 8.389 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 76 Resp: 13665
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3





#17
 Allyl chloride
 Concen: 9.367 ug/l
 RT: 2.666 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

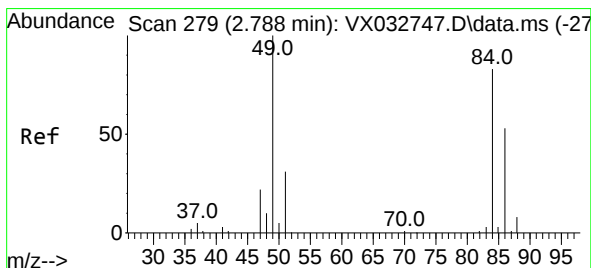
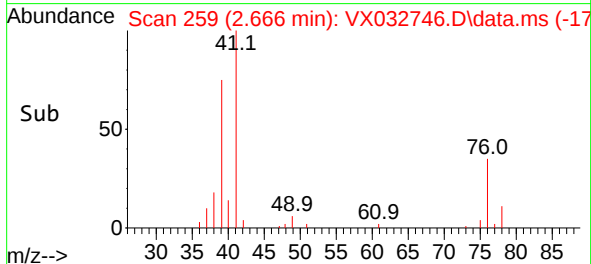
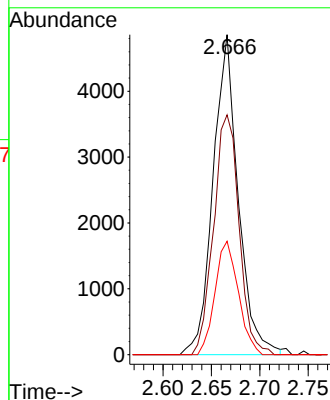
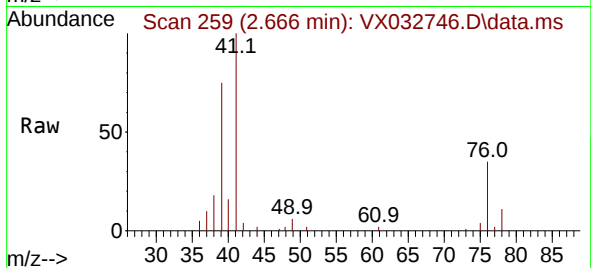
VSTDICC005

Tgt Ion: 41 Resp: 8770
 Ion Ratio Lower Upper
 41 100
 39 75.0 37.0 111.0
 76 35.4 23.8 71.5

Manual Integrations

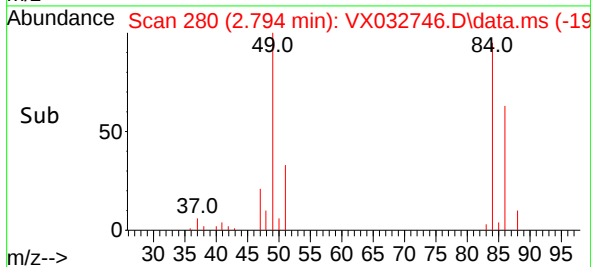
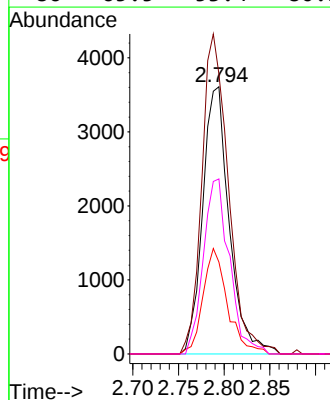
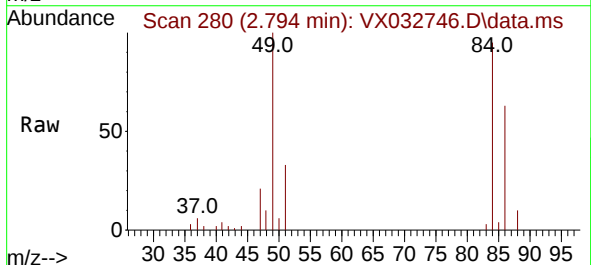
APPROVED

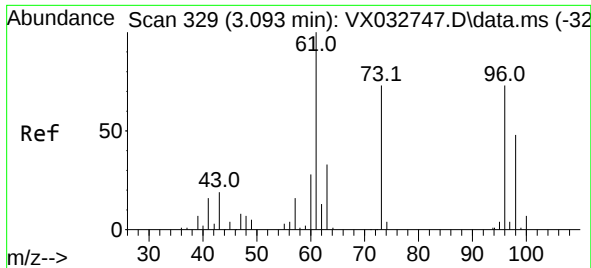
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#18
 Methylene Chloride
 Concen: 8.977 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

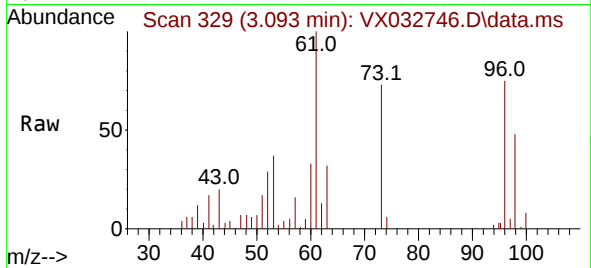
Tgt Ion: 84 Resp: 7321
 Ion Ratio Lower Upper
 84 100
 49 104.8 84.6 127.0
 51 34.4 26.5 39.7
 86 65.5 53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 7.663 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

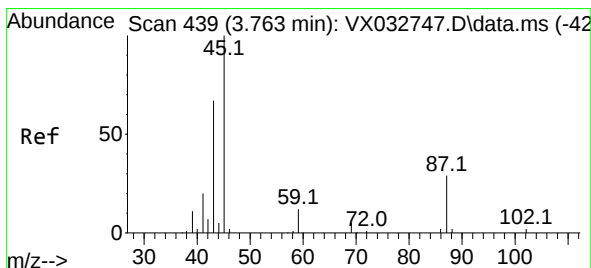
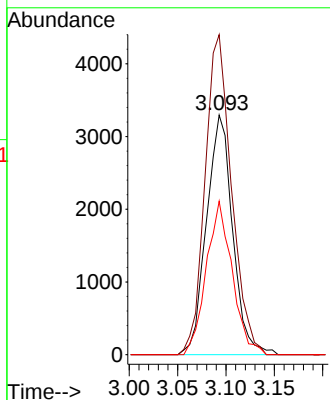
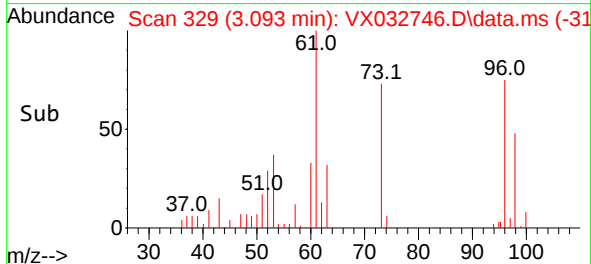
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



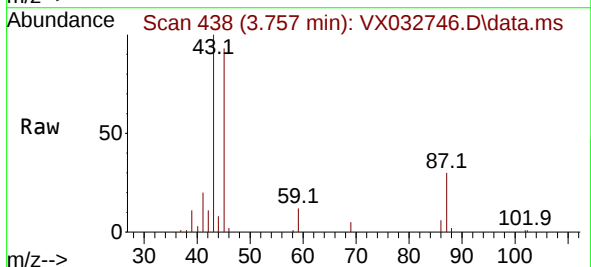
Tgt Ion: 96 Resp: 6200
Ion Ratio Lower Upper
96 100
61 133.5 87.4 131.0
98 64.0 51.5 77.3

Manual Integrations
APPROVED

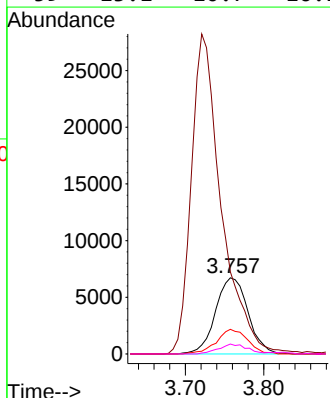
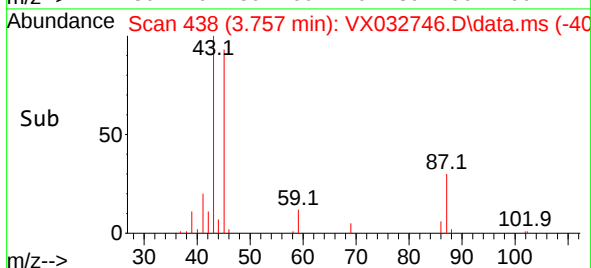
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

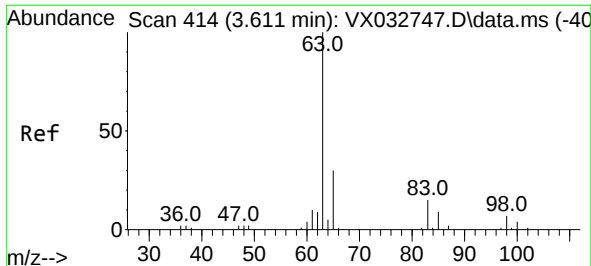


#20
Diisopropyl ether
Concen: 9.118 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 45 Resp: 19325
Ion Ratio Lower Upper
45 100
43 102.5 74.5 111.7
87 32.3 30.4 45.6
59 13.1 10.7 16.1





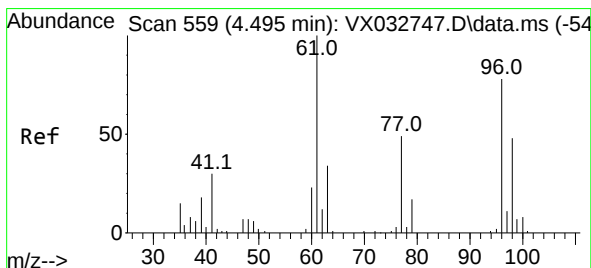
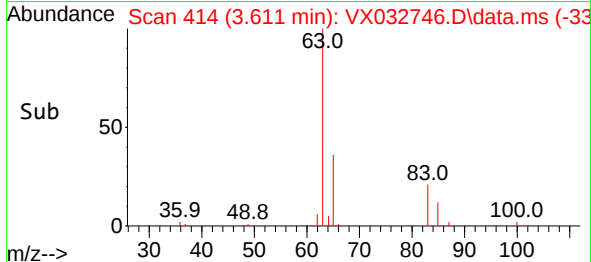
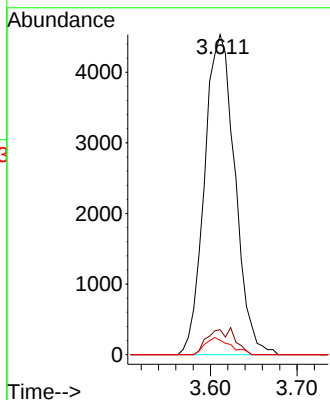
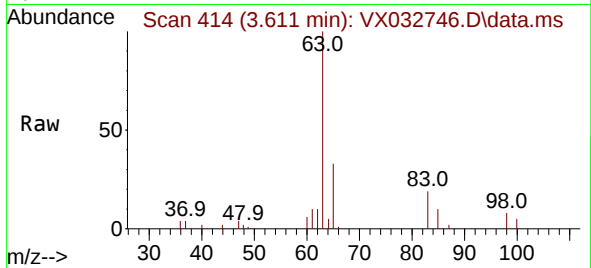
#21
1,1-Dichloroethane
Concen: 8.282 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 1106
Ion Ratio Lower Upper
63 100
98 7.8 4.5 13.7
100 4.5 2.8 8.3

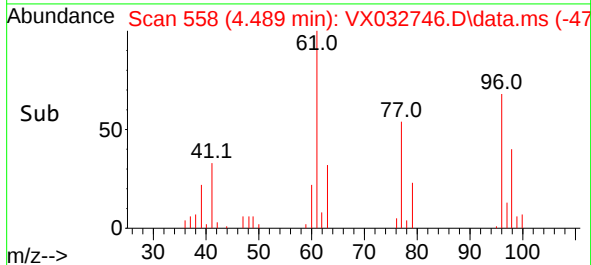
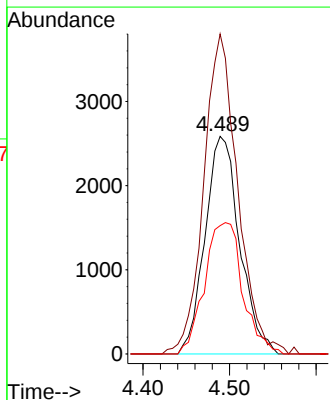
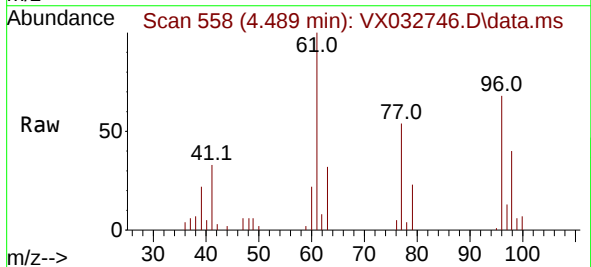
Manual Integrations
APPROVED

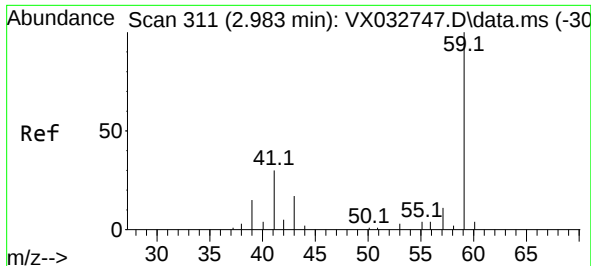
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#22
cis-1,2-Dichloroethene
Concen: 7.407 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 96 Resp: 7178
Ion Ratio Lower Upper
96 100
61 142.7 98.0 147.0
98 66.5 52.2 78.4





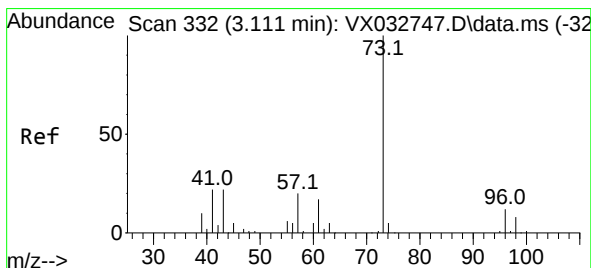
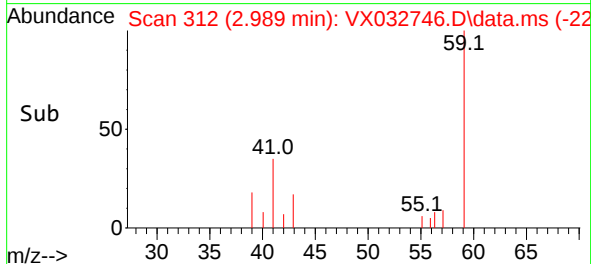
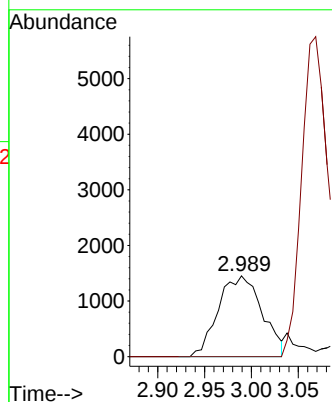
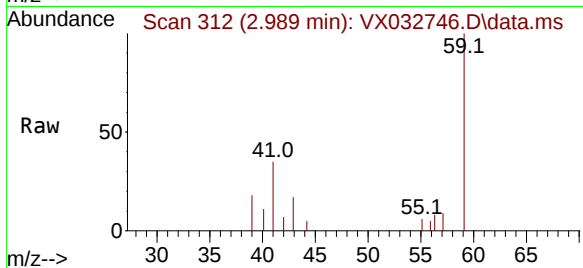
#23
tert-Butyl Alcohol
Concen: 36.579 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 4729
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

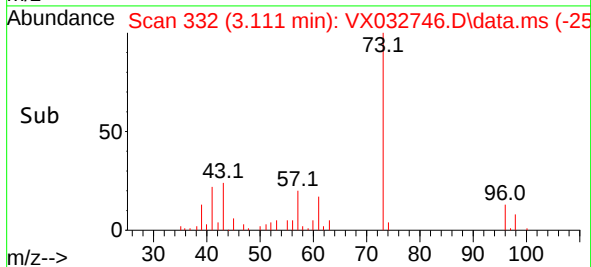
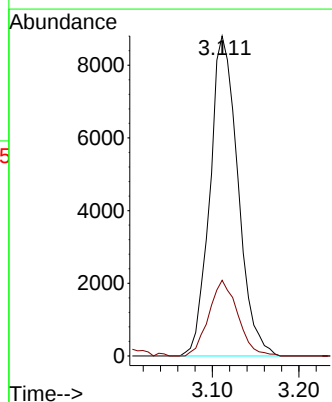
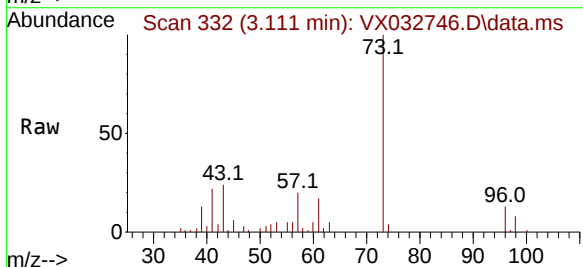
Manual Integrations
APPROVED

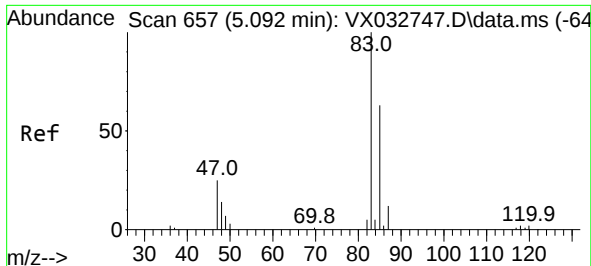
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 8.064 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 73 Resp: 19829
Ion Ratio Lower Upper
73 100
43 24.4 14.8 22.2#





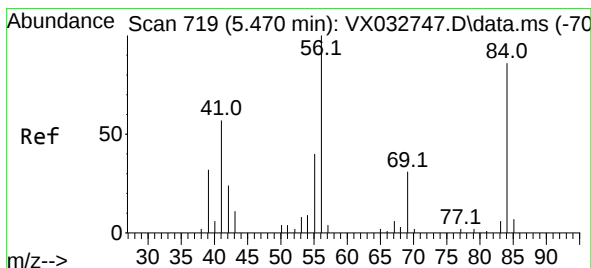
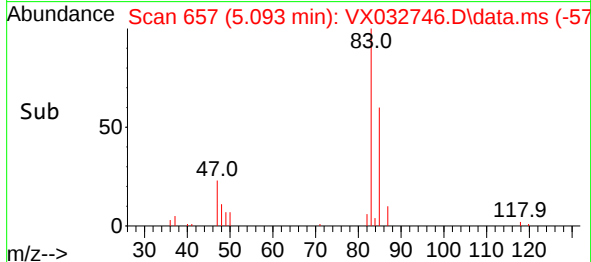
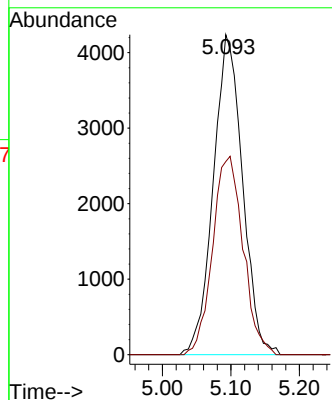
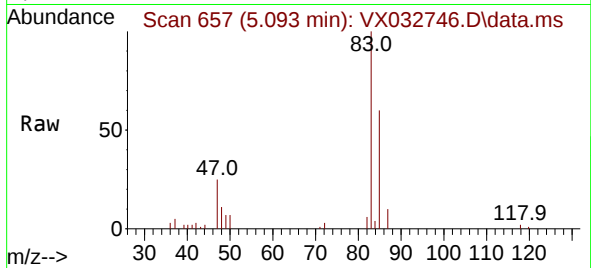
#25
Chloroform
Concen: 7.985 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1254
Ion Ratio Lower Upper
83 100
85 60.4 51.4 77.0

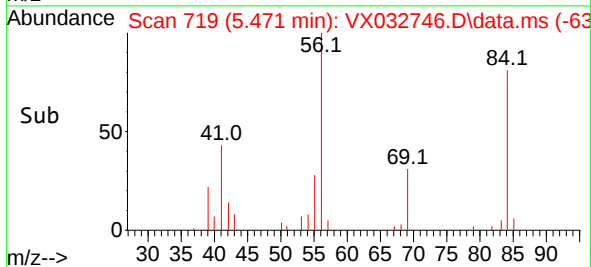
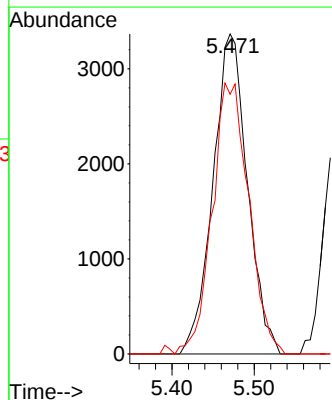
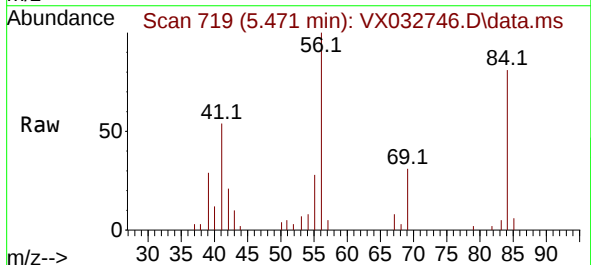
Manual Integrations
APPROVED

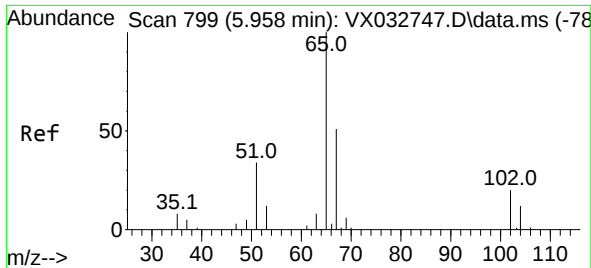
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 8.841 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 56 Resp: 9819
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.5 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 37.470 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 33129

Ion Ratio Lower Upper

65 100

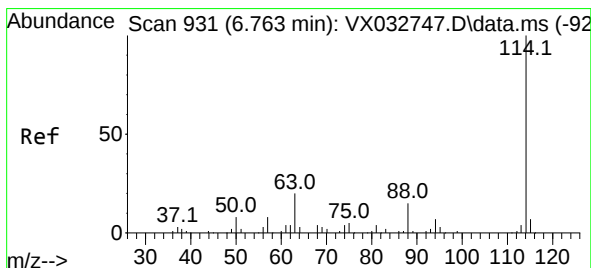
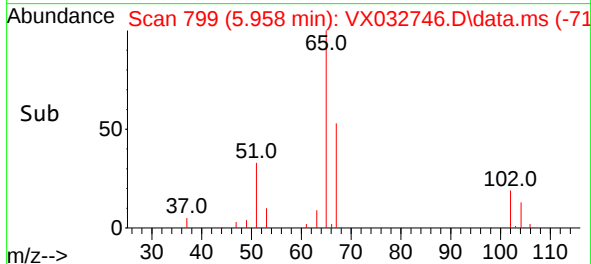
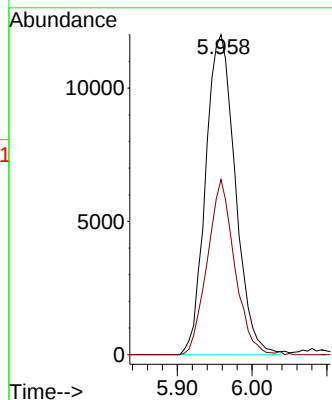
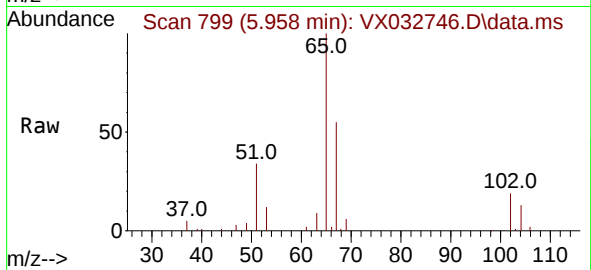
67 50.4 41.8 62.6

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: VX032746.D

Acq: 11 Nov 2022 00:12

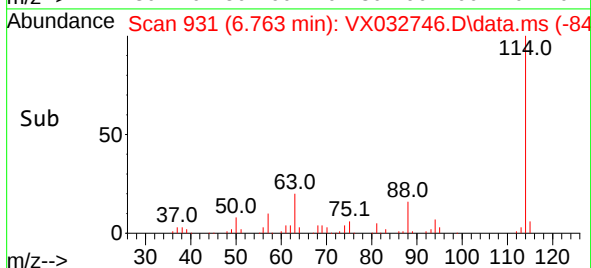
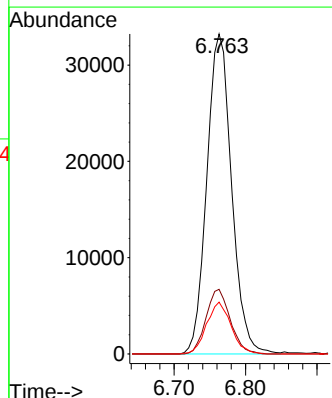
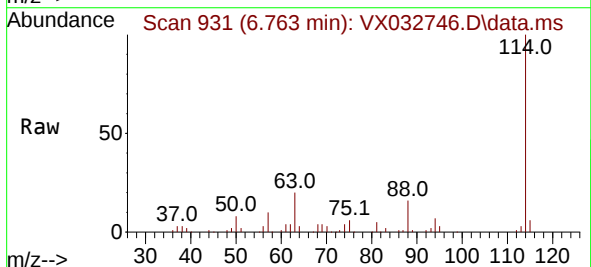
Tgt Ion:114 Resp: 80062

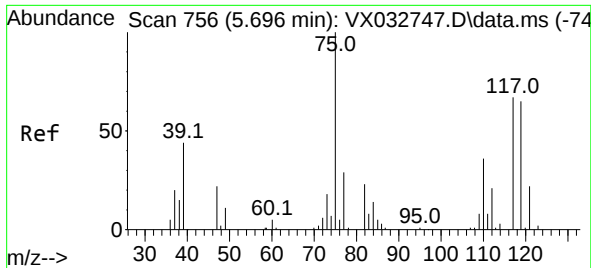
Ion Ratio Lower Upper

114 100

63 19.7 13.6 20.4

88 16.0 11.8 17.6





#29

1,1-Dichloropropene

Concen: 6.712 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

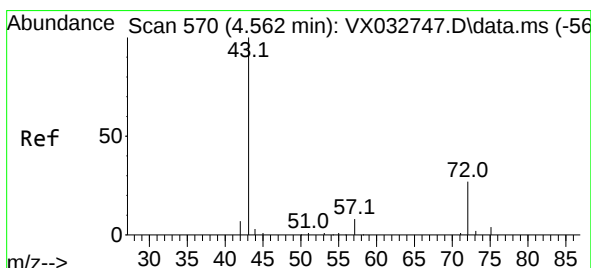
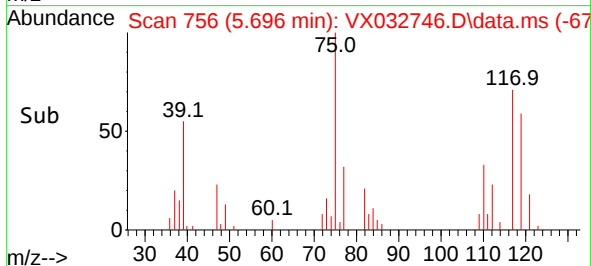
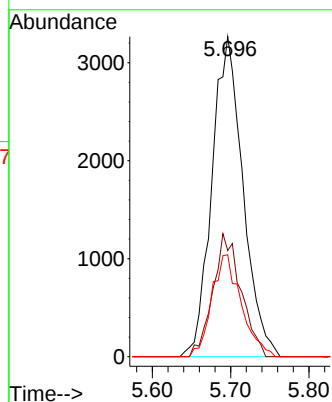
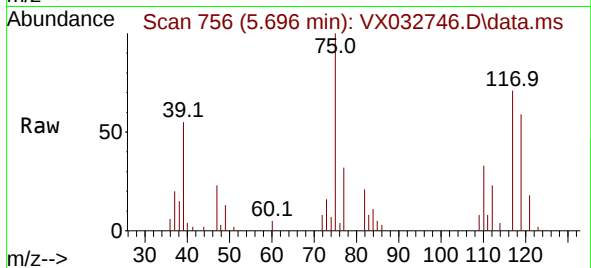
Tgt Ion: 75	Resp: 9004
Ion Ratio	Lower Upper
75 100	
110 34.8	0.0 80.4
77 30.2	0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

2-Butanone

Concen: 38.432 ug/l

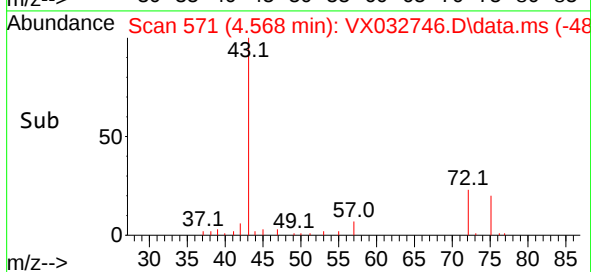
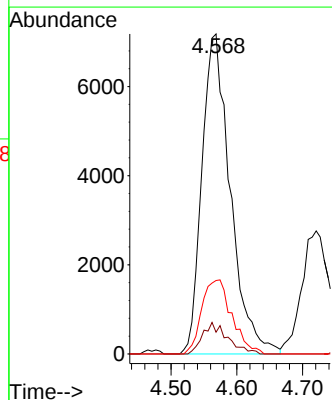
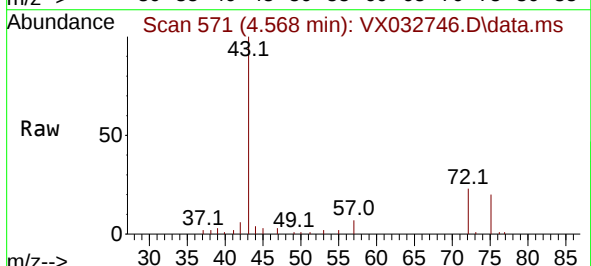
RT: 4.568 min Scan# 571

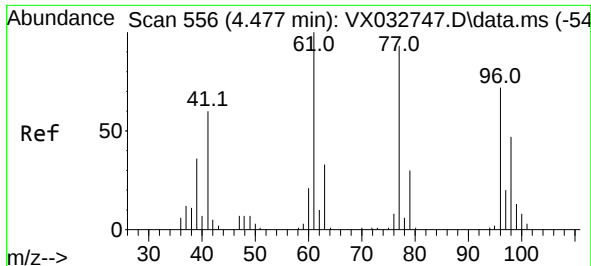
Delta R.T. 0.006 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion: 43	Resp: 21544
Ion Ratio	Lower Upper
43 100	
57 8.1	7.5 11.3
72 24.5	26.6 39.8





#31

2,2-Dichloropropane

Concen: 5.647 ug/l m

RT: 4.477 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 7339

Ion Ratio Lower Upper

77 100

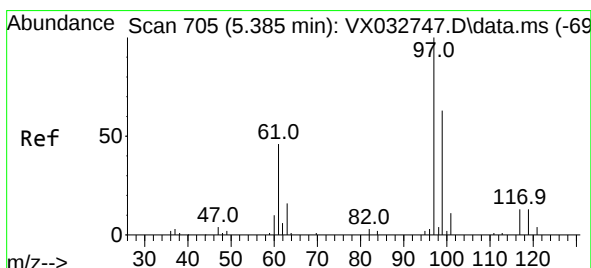
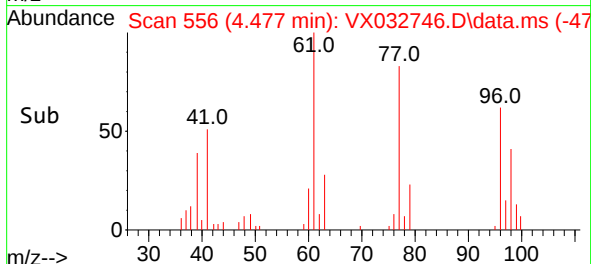
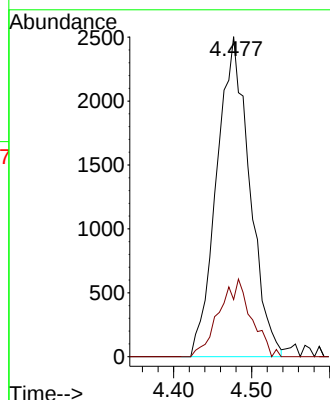
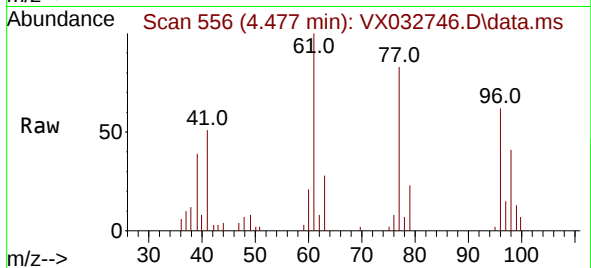
97 0.3 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#32

1,1,1-Trichloroethane

Concen: 6.115 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

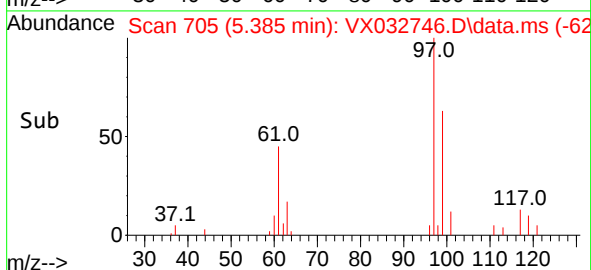
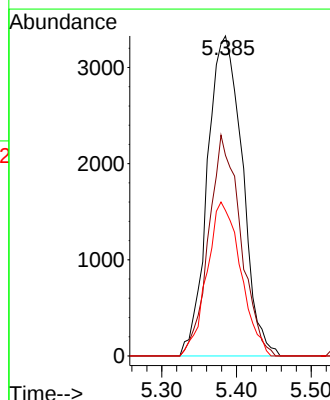
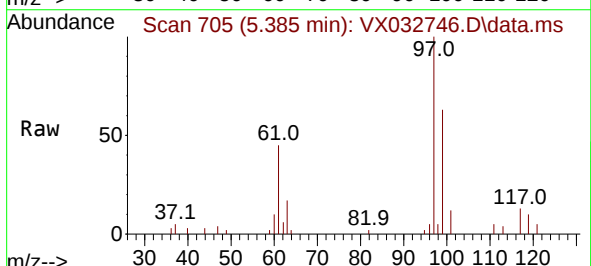
Tgt Ion: 97 Resp: 10760

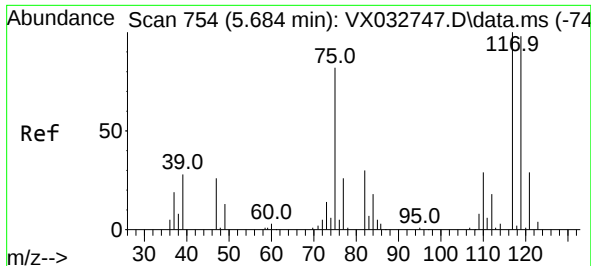
Ion Ratio Lower Upper

97 100

99 63.5 53.8 80.6

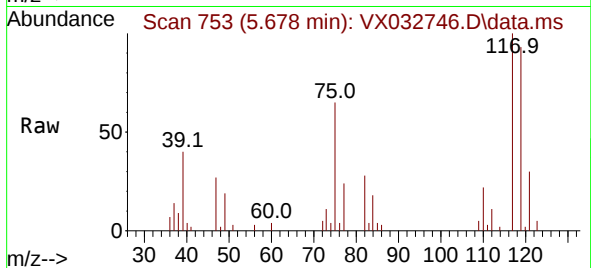
61 46.7 31.3 46.9





#33
Carbon Tetrachloride
Concen: 5.838 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

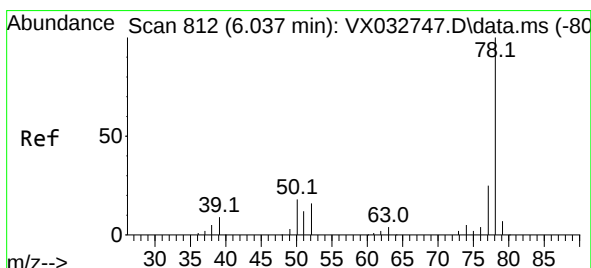
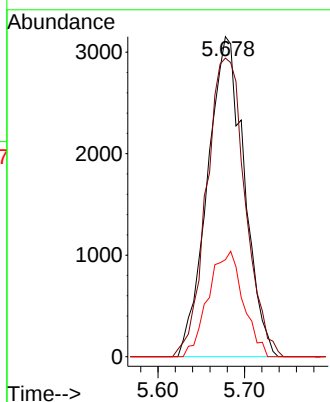
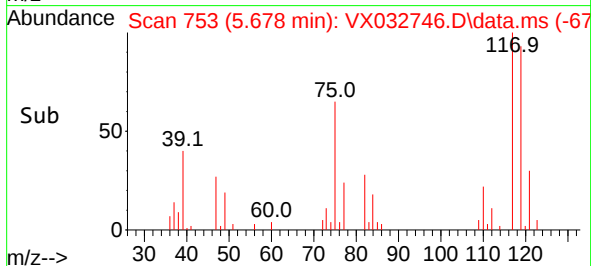
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



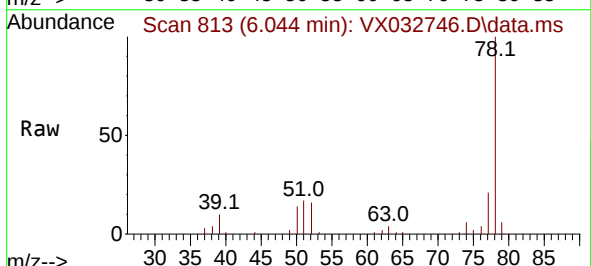
Tgt Ion:117 Resp: 928
Ion Ratio Lower Upper
117 100
119 91.6 75.4 113.2
121 30.3 24.4 36.6

Manual Integrations
APPROVED

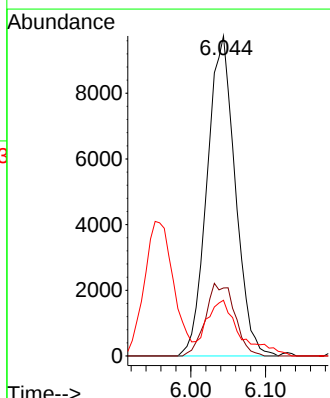
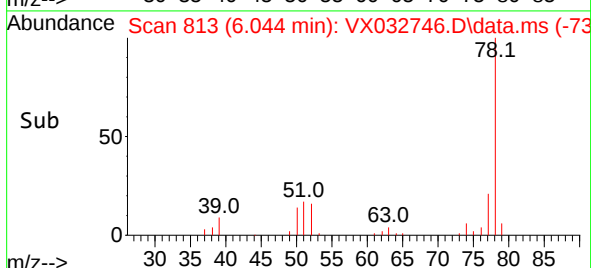
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

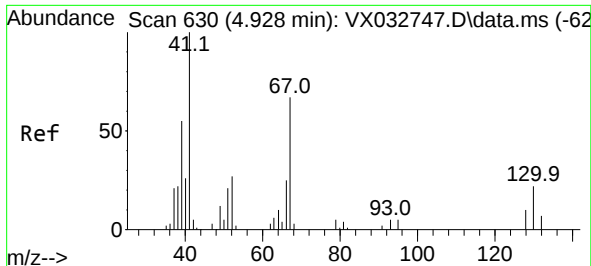


#34
Benzene
Concen: 6.502 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 78 Resp: 25451
Ion Ratio Lower Upper
78 100
77 21.2 19.0 28.6
51 15.9 10.6 15.8#





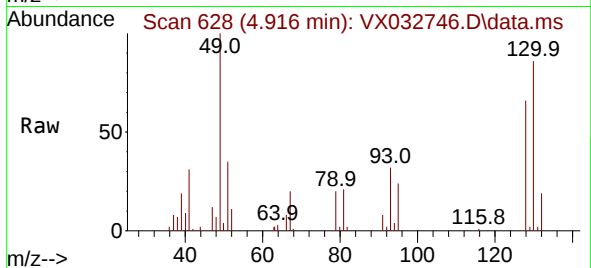
#35
Methacrylonitrile
Concen: 7.514 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



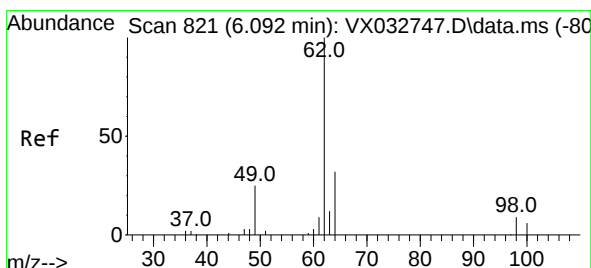
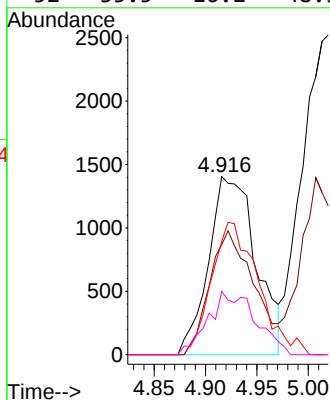
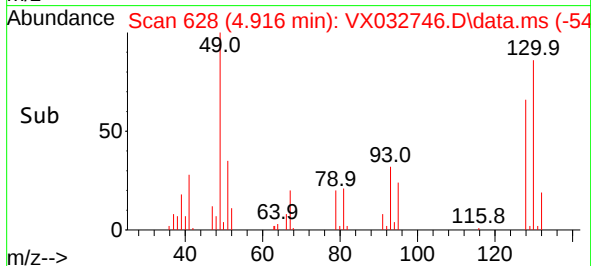
Tgt Ion:	41	Resp:	452
Ion	Ratio	Lower	Upper
41	100		
39	61.8	26.9	80.7
67	63.6	40.6	121.8
52	35.5	16.2	48.5

Manual Integrations

APPROVED

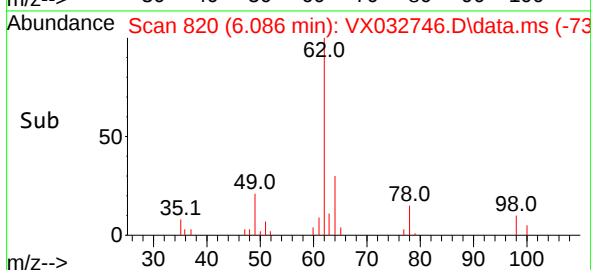
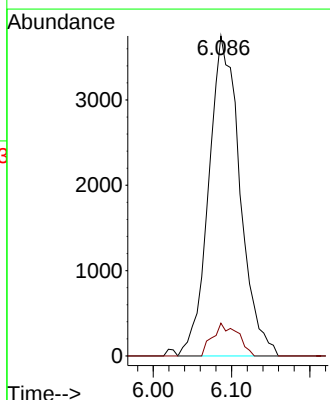
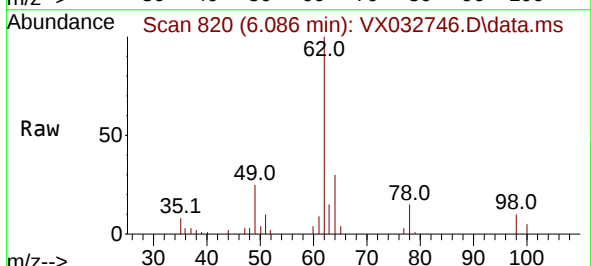
Reviewed By :John Carlone 11/11/2022

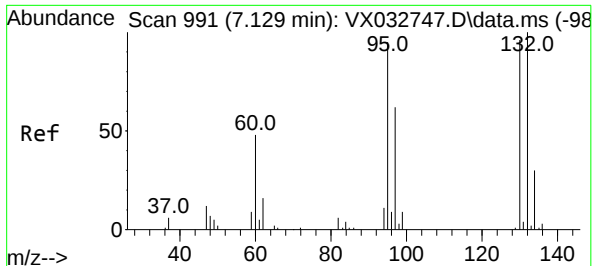
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 7.223 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

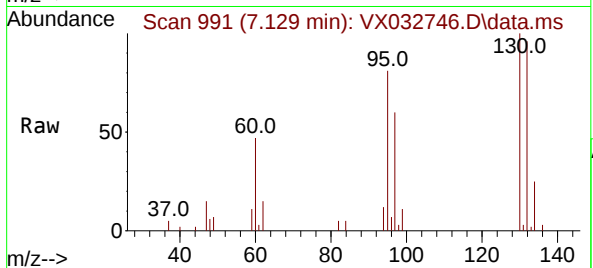
Tgt Ion:	62	Resp:	10398
Ion	Ratio	Lower	Upper
62	100		
98	4.6	8.8	13.2#





#37
Trichloroethene
Concen: 5.806 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

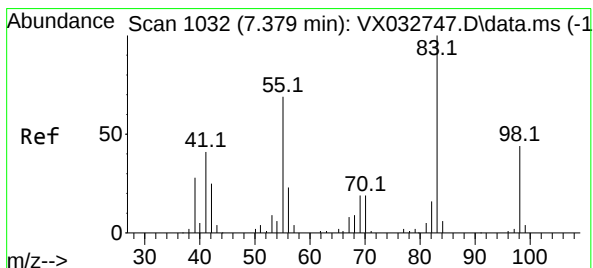
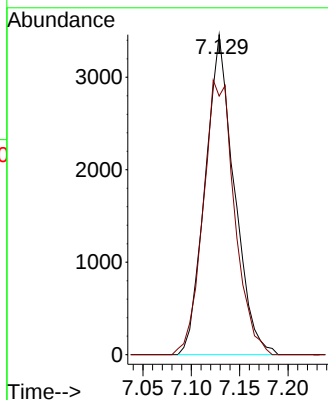
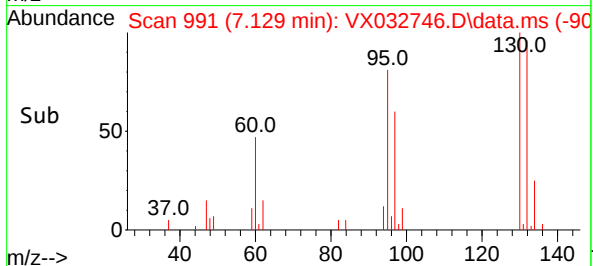
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



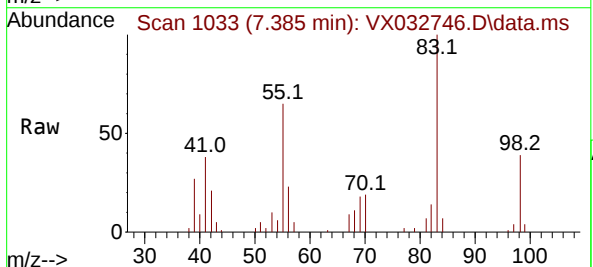
Tgt Ion:130 Resp: 723
Ion Ratio Lower Upper
130 100
95 80.8 72.4 108.6

Manual Integrations
APPROVED

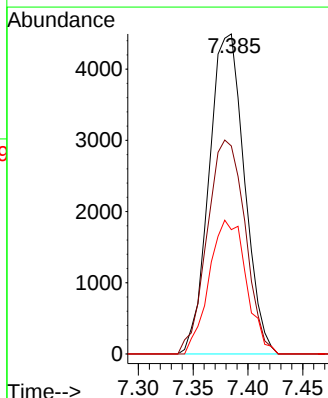
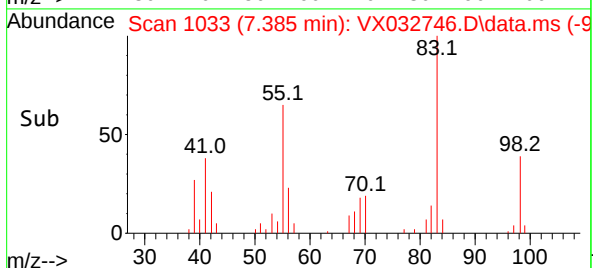
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

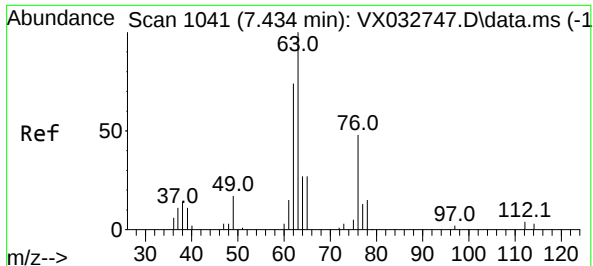


#38
Methylcyclohexane
Concen: 6.254 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 83 Resp: 10067
Ion Ratio Lower Upper
83 100
55 71.7 31.6 94.7
98 44.0 26.9 80.6





#39

1,2-Dichloropropane

Concen: 7.112 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 6540

Ion Ratio Lower Upper

63 100

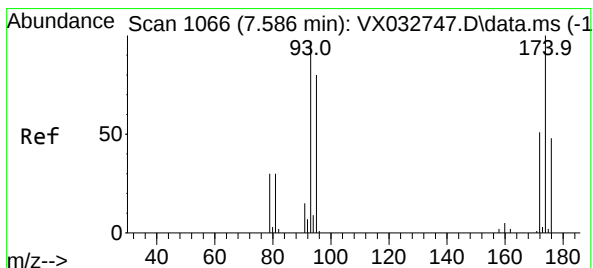
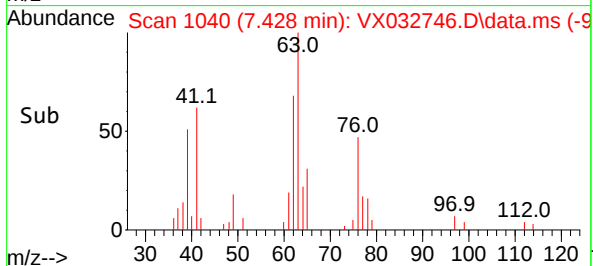
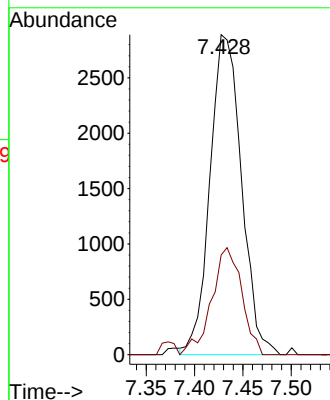
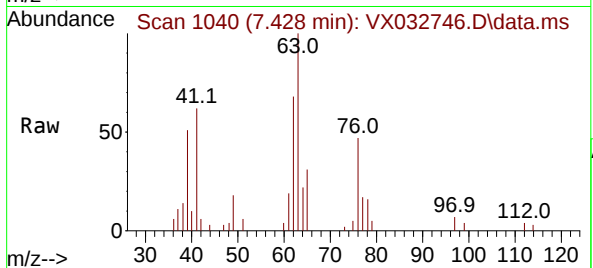
65 31.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 6.381 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

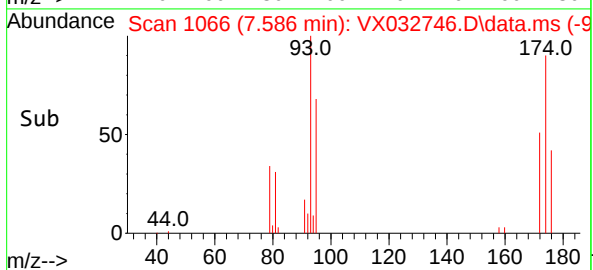
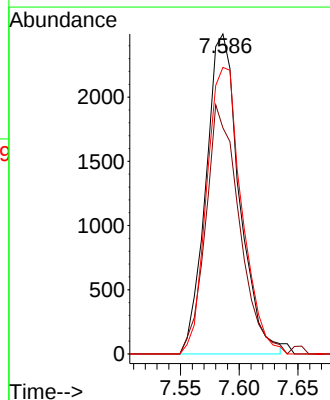
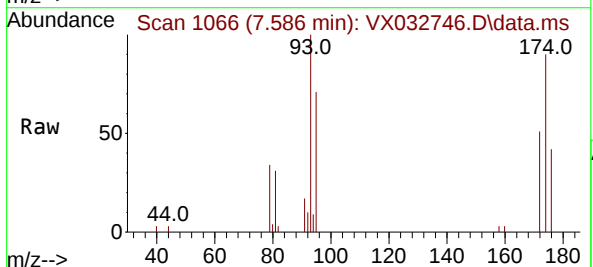
Tgt Ion: 93 Resp: 4944

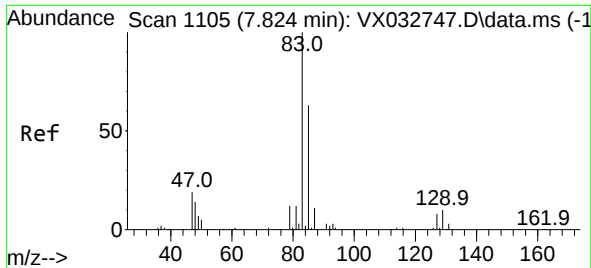
Ion Ratio Lower Upper

93 100

95 78.1 0.0 165.0

174 93.7 0.0 205.2





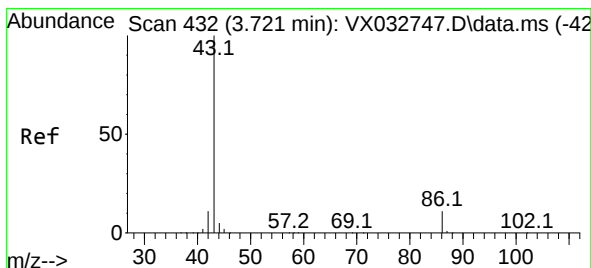
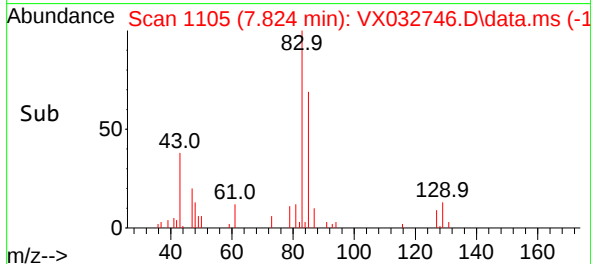
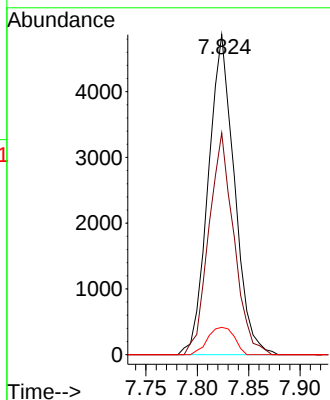
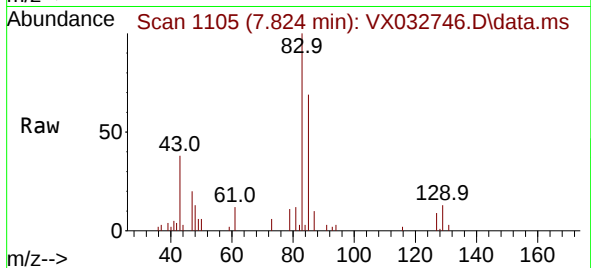
#41
Bromodichloromethane
Concen: 6.041 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8609
Ion Ratio Lower Upper
83 100
85 69.3 52.3 78.5
127 8.5 6.8 10.2

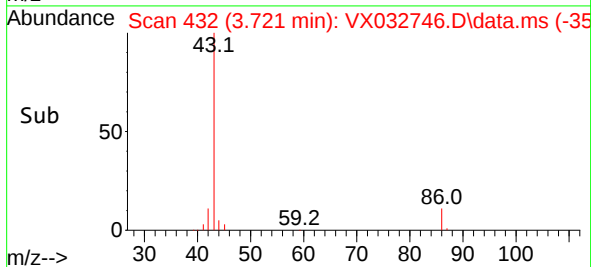
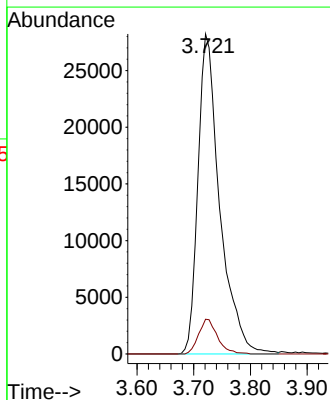
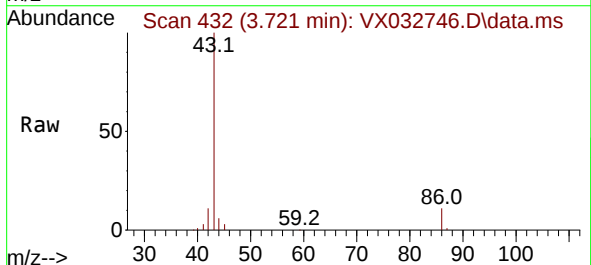
Manual Integrations
APPROVED

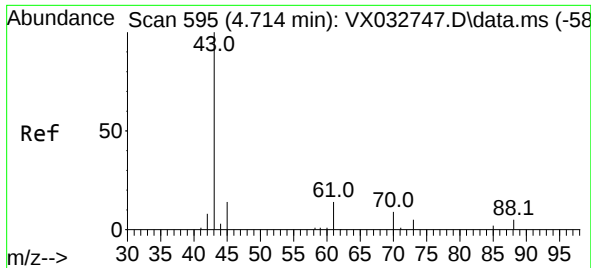
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Vinyl Acetate
Concen: 36.440 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

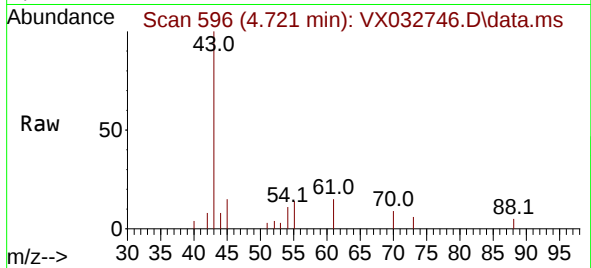
Tgt Ion: 43 Resp: 75306
Ion Ratio Lower Upper
43 100
86 9.4 10.3 15.5#





#43
Ethyl Acetate
Concen: 6.877 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

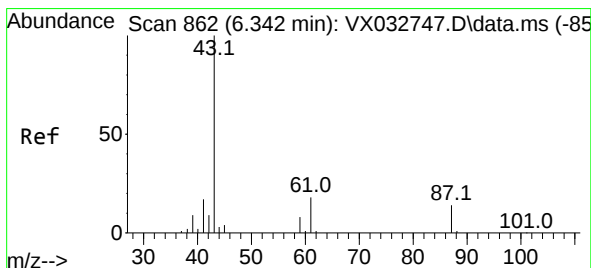
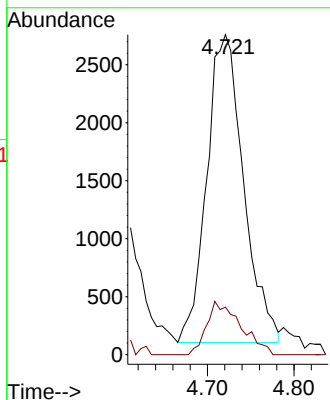
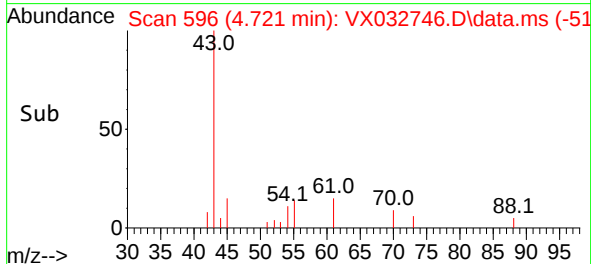
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



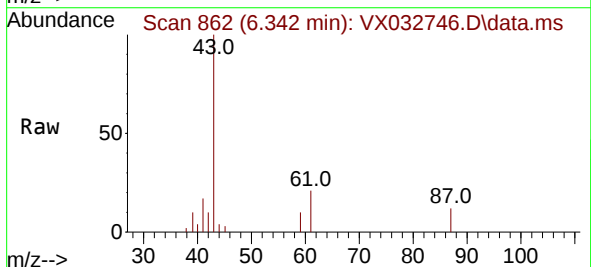
Tgt Ion: 43 Resp: 7818
Ion Ratio Lower Upper
43 100
45 13.9 8.2 12.2

Manual Integrations
APPROVED

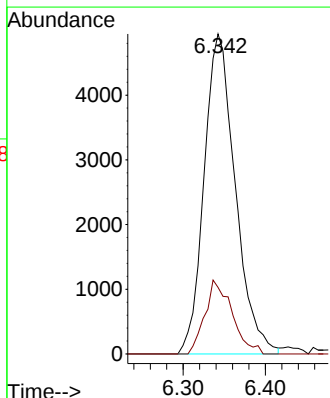
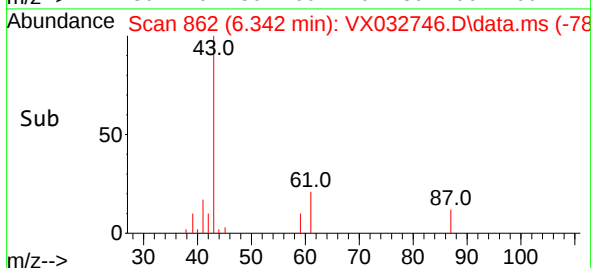
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

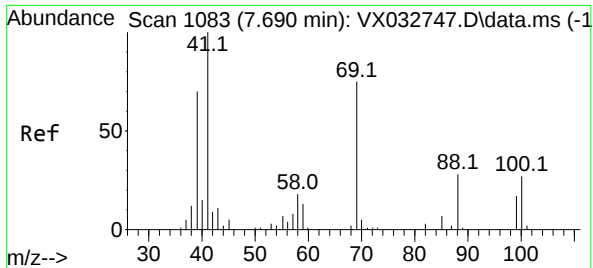


#44
Isopropyl Acetate
Concen: 7.149 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 43 Resp: 13040
Ion Ratio Lower Upper
43 100
61 19.8 17.2 25.8





#45

1,4-Dioxane

Concen: 118.419 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 2749

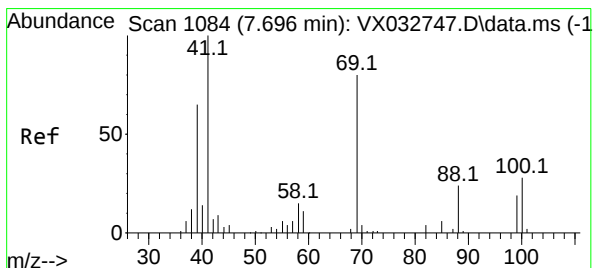
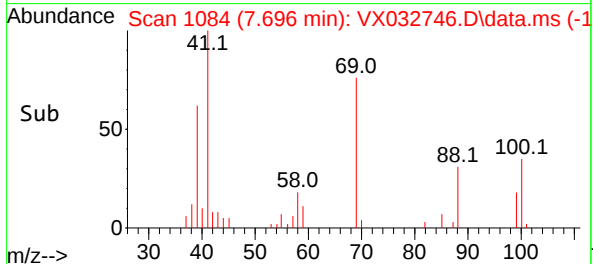
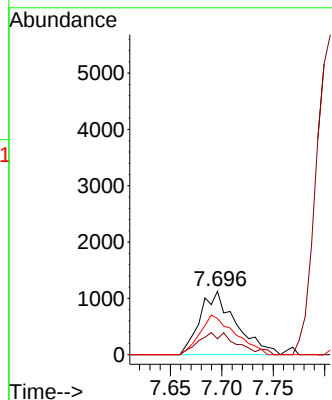
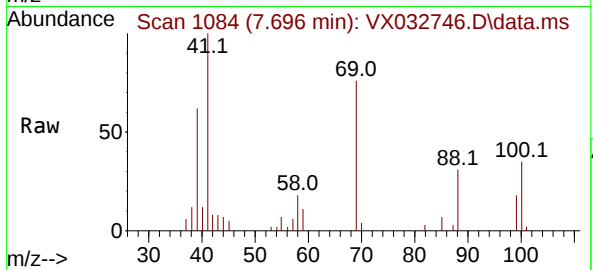
Ion	Ratio	Lower	Upper
88	100		
43	19.4	20.4	30.6
58	60.9	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#46

Methyl methacrylate

Concen: 7.553 ug/l

RT: 7.696 min Scan# 1084

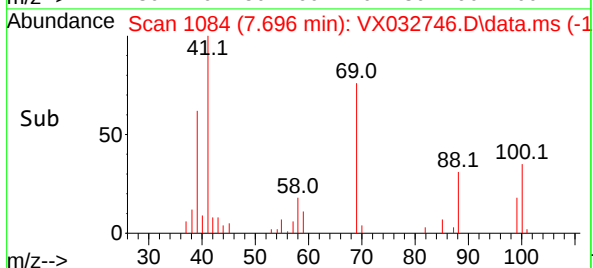
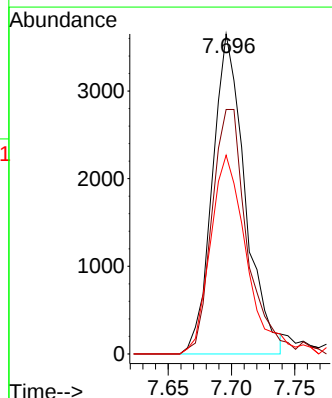
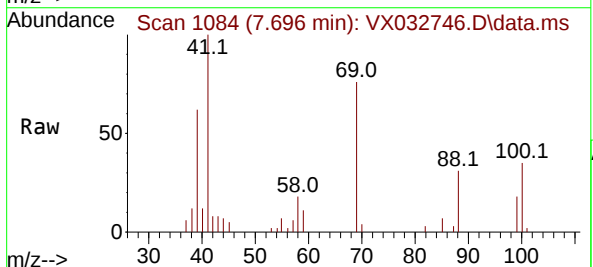
Delta R.T. 0.000 min

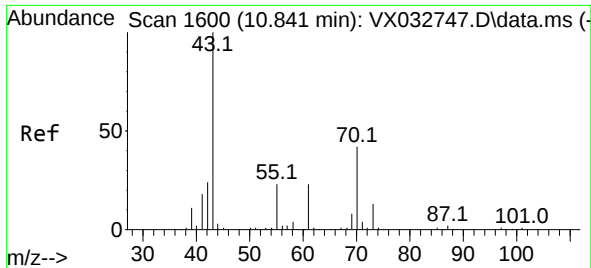
Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion: 41 Resp: 6570

Ion	Ratio	Lower	Upper
41	100		
69	76.4	50.5	151.5
39	62.1	34.6	103.8





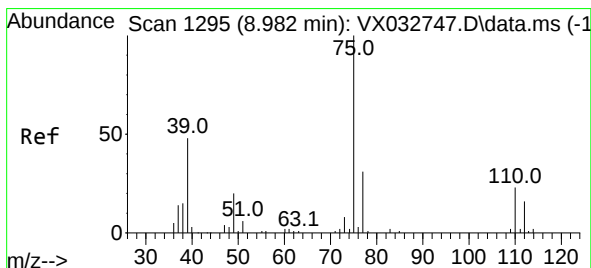
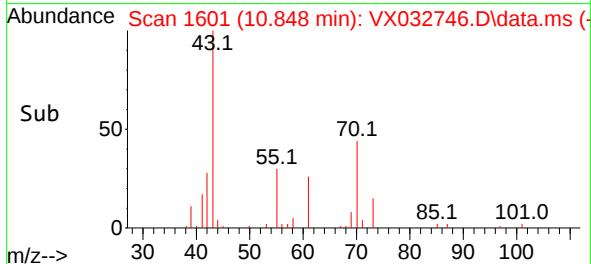
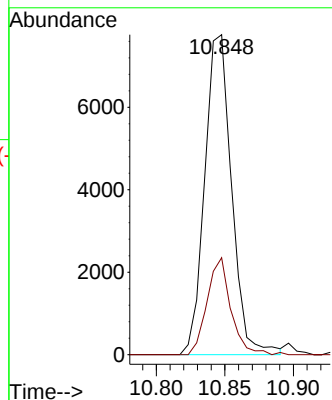
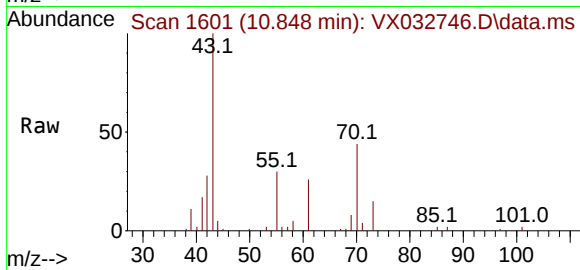
#47
n-amy1 Acetate
Concen: 6.671 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
55 26.6 21.6 32.4

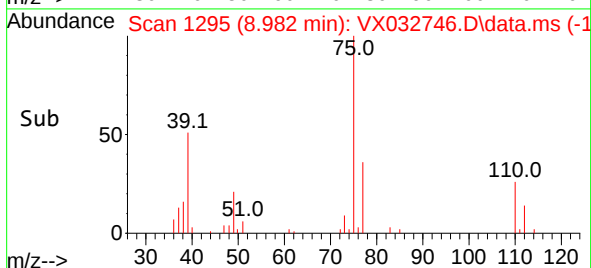
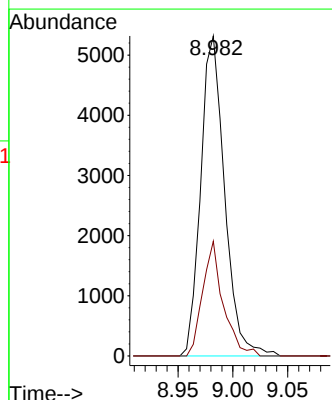
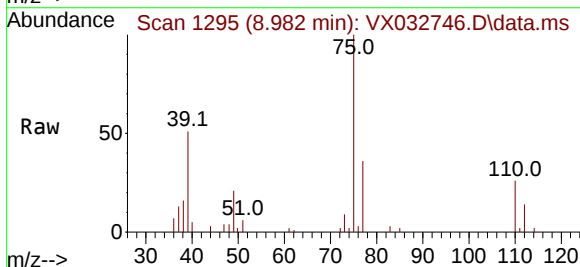
Manual Integrations
APPROVED

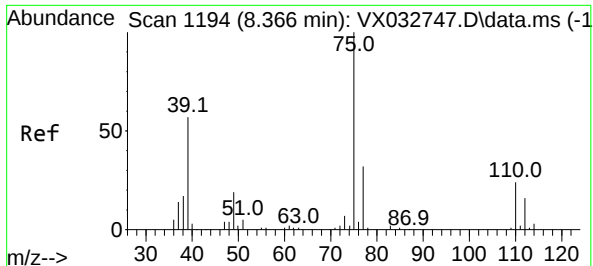
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
t-1,3-Dichloropropene
Concen: 5.684 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 75 Resp: 8064
Ion Ratio Lower Upper
75 100
77 35.9 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 5.711 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 8792

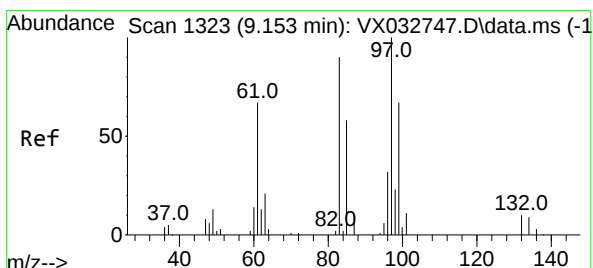
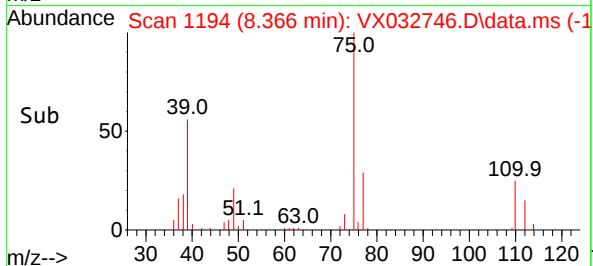
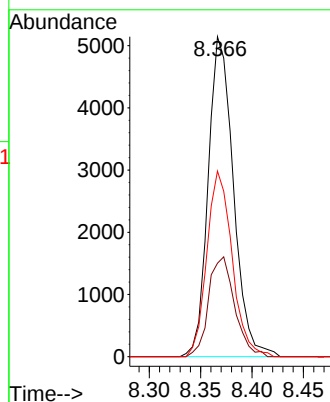
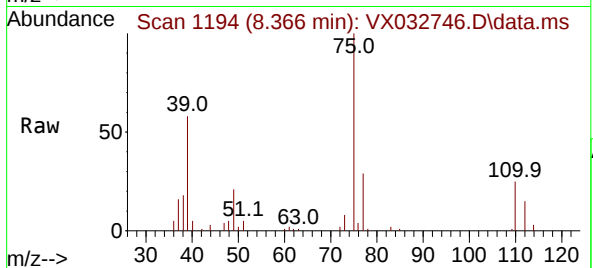
Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.7	38.5
39	58.0	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

1,1,2-Trichloroethane

Concen: 5.946 ug/l

RT: 9.153 min Scan# 1323

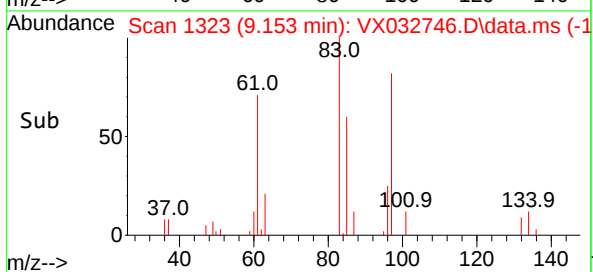
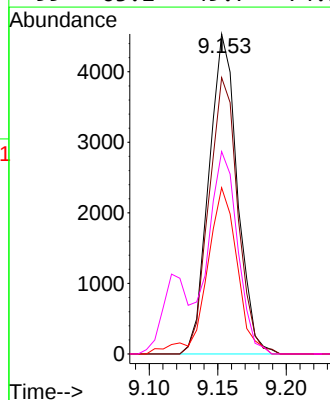
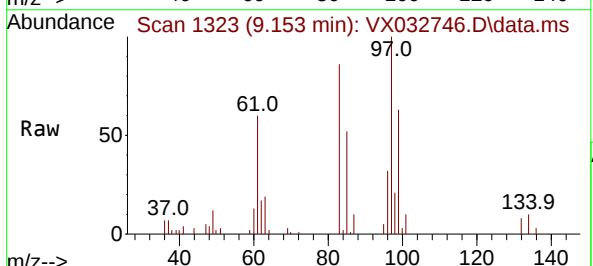
Delta R.T. 0.000 min

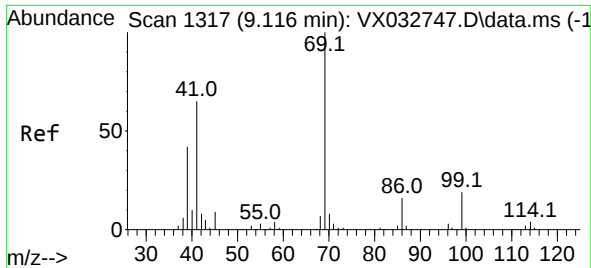
Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion: 97 Resp: 6554

Ion	Ratio	Lower	Upper
97	100		
83	86.3	62.2	93.4
85	51.9	44.2	66.2
99	63.2	49.7	74.5





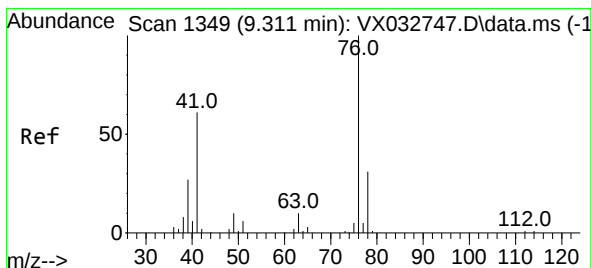
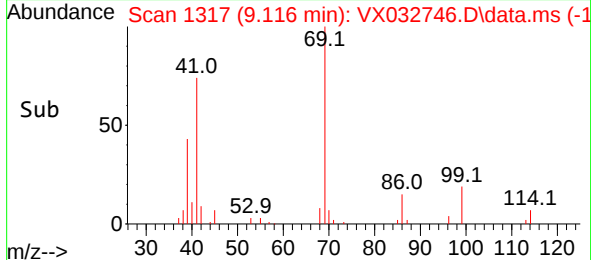
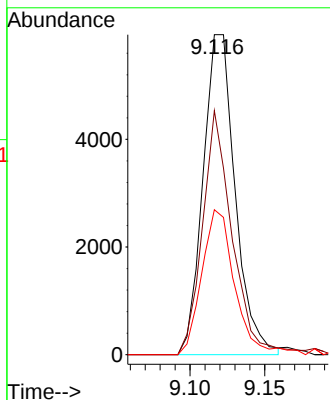
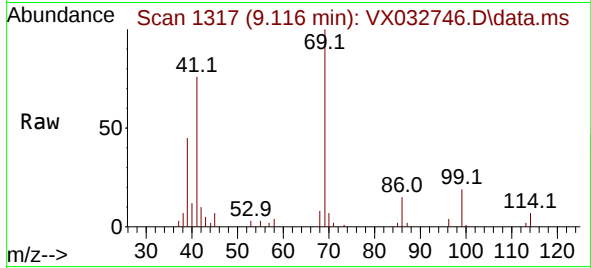
#51
Ethyl methacrylate
Concen: 6.010 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 8904
Ion Ratio Lower Upper
69 100
41 76.2 25.9 77.7
39 45.3 17.8 53.3

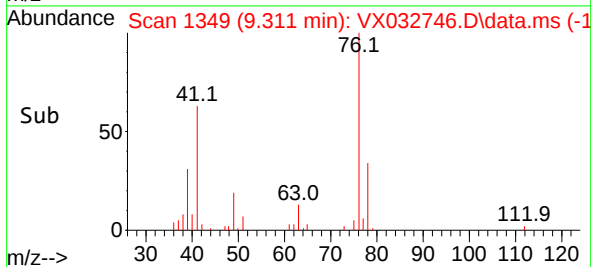
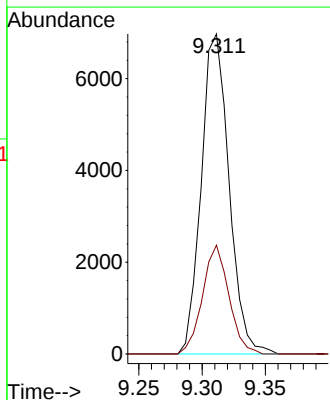
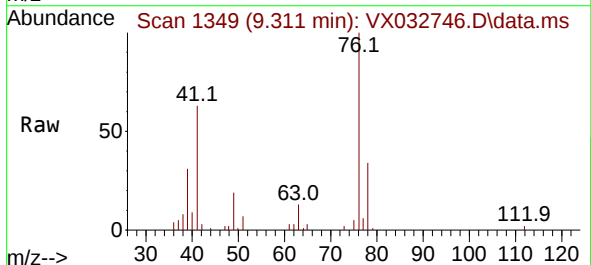
Manual Integrations
APPROVED

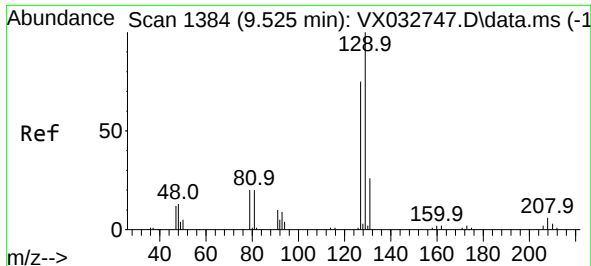
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
1,3-Dichloropropane
Concen: 6.189 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 76 Resp: 10679
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.0





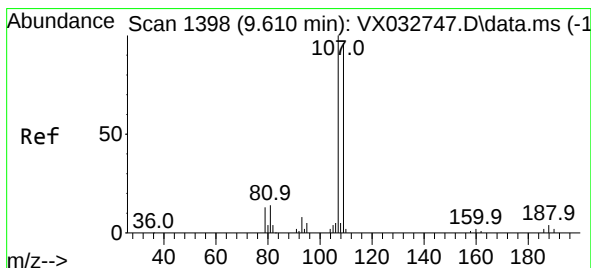
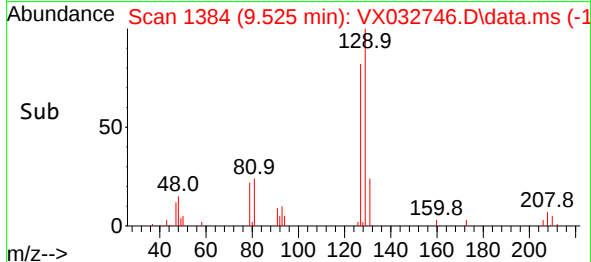
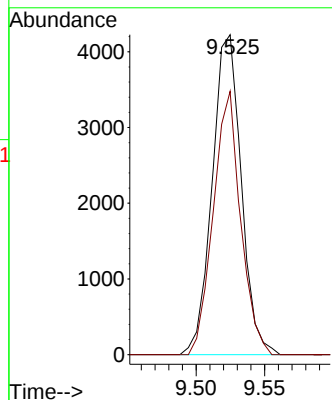
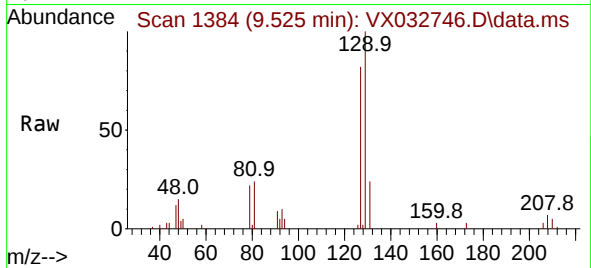
#53
Dibromochloromethane
Concen: 5.047 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 6220
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

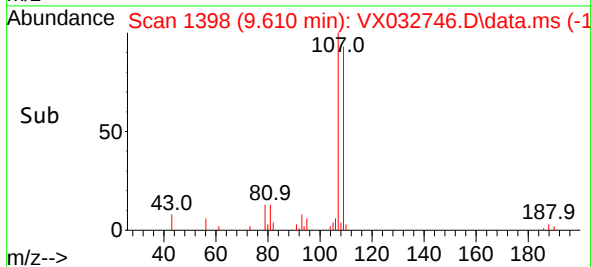
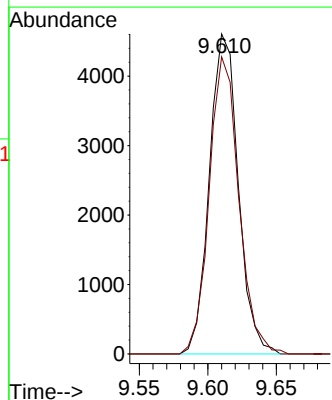
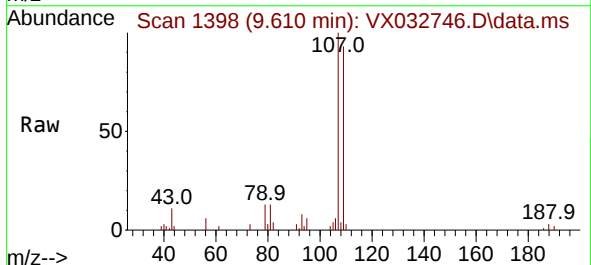
Manual Integrations
APPROVED

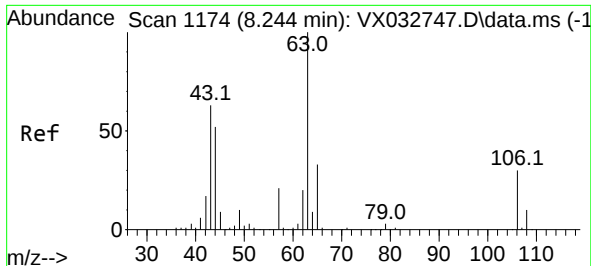
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 5.552 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion:107 Resp: 6754
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





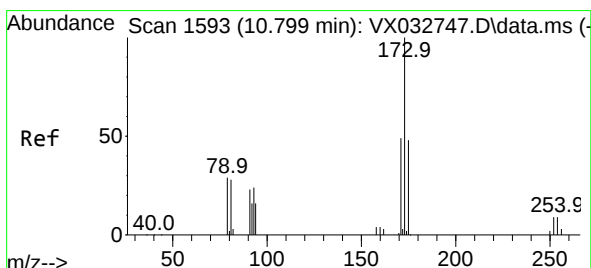
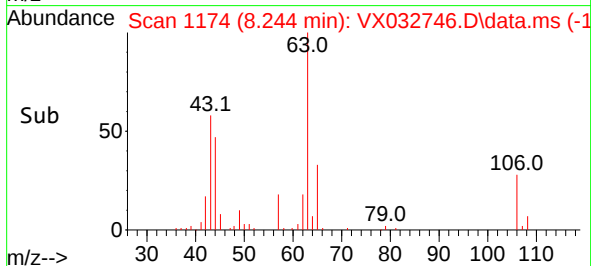
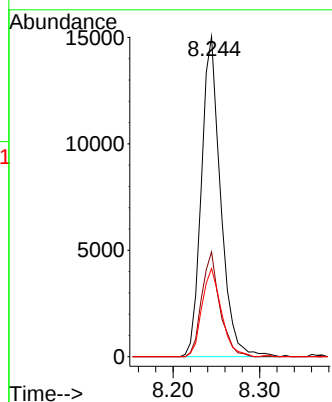
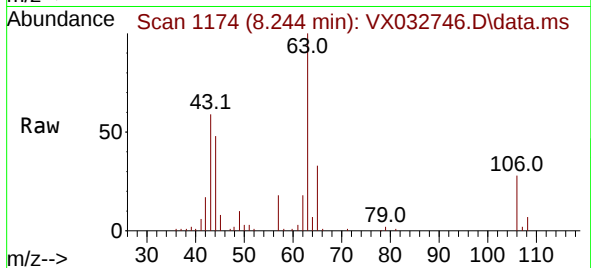
#55
2-Chloroethyl vinyl ether
Concen: 32.283 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 23170
Ion Ratio Lower Upper
63 100
65 30.8 25.5 38.3
106 27.9 28.9 43.3

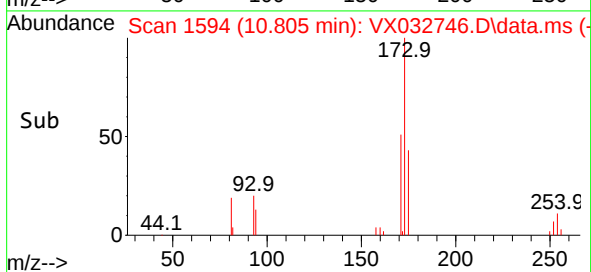
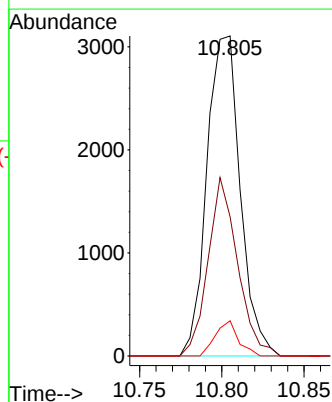
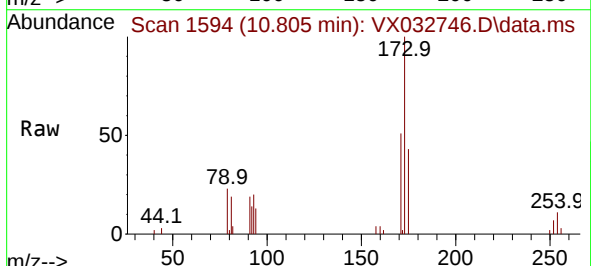
Manual Integrations
APPROVED

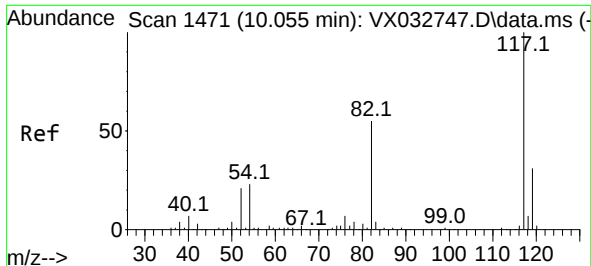
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 4.849 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

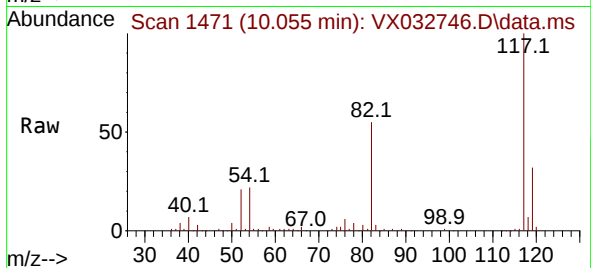
Tgt Ion:173 Resp: 4384
Ion Ratio Lower Upper
173 100
175 49.3 38.6 58.0
254 7.6 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

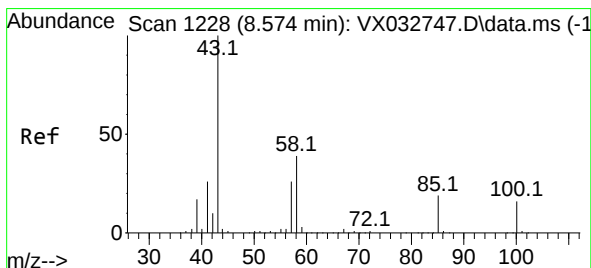
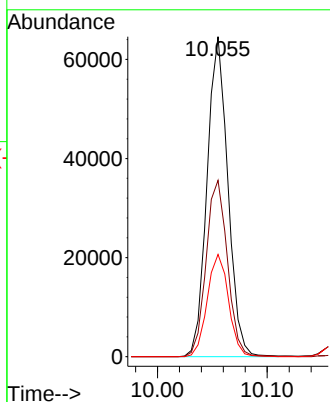
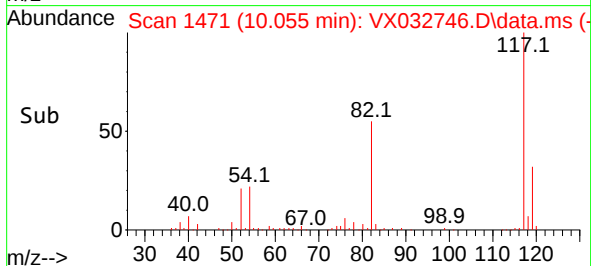
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 8525
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.7 26.0 39.0

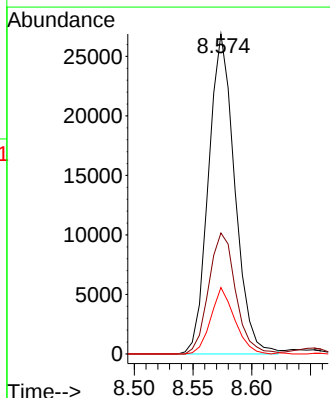
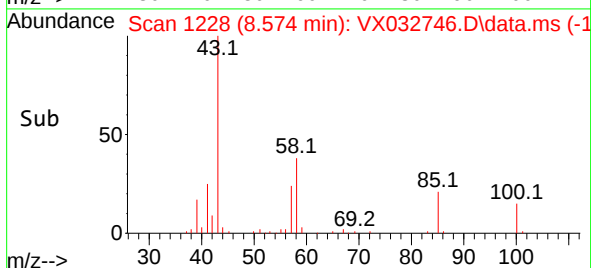
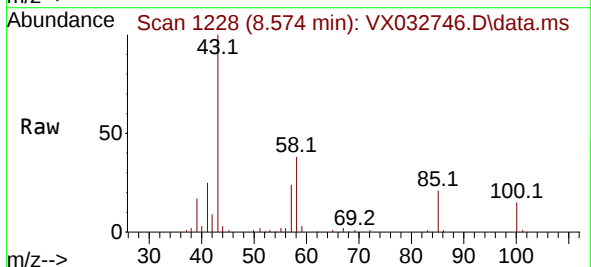
Manual Integrations
APPROVED

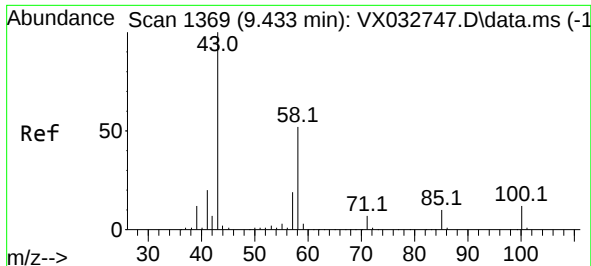
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#58
4-Methyl-2-Pentanone
Concen: 33.823 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion: 43 Resp: 41843
Ion Ratio Lower Upper
43 100
58 38.9 34.9 52.3
85 18.8 19.4 29.2#





#59

2-Hexanone

Concen: 32.561 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 3004

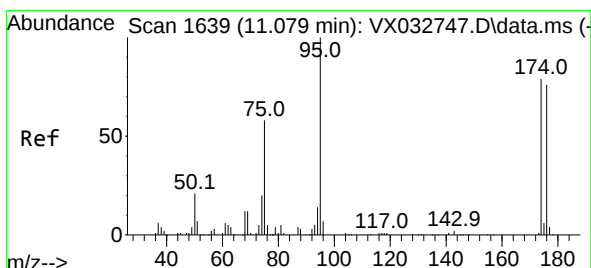
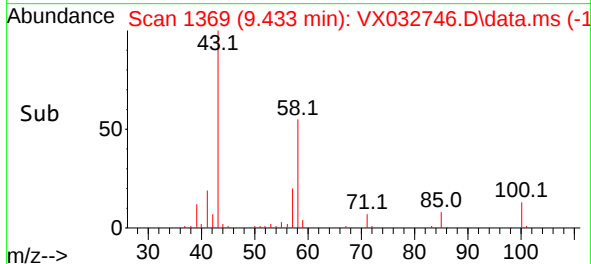
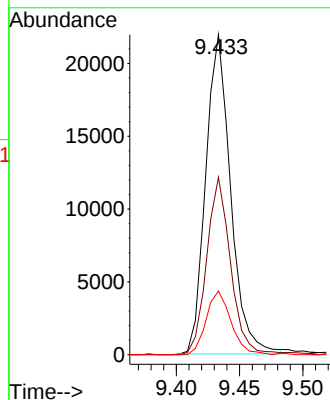
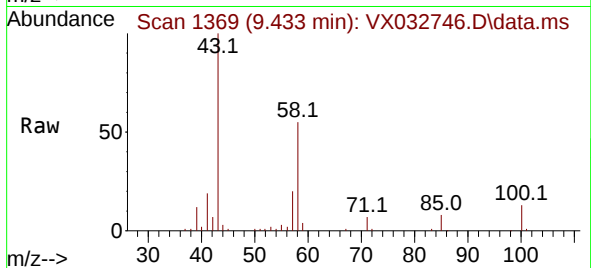
Ion	Ratio	Lower	Upper
43	100		
58	53.2	49.0	73.6
57	19.8	17.0	25.4

Manual Integrations

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Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#60

4-Bromofluorobenzene

Concen: 30.285 ug/l

RT: 11.079 min Scan# 1639

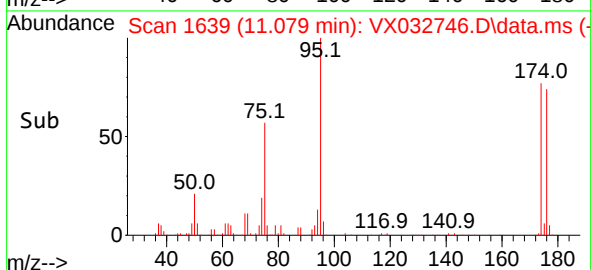
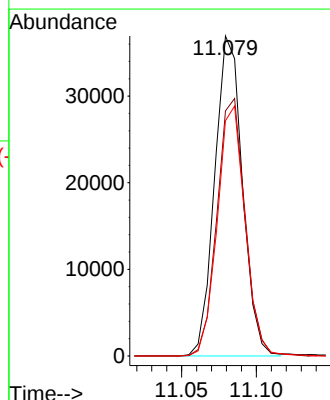
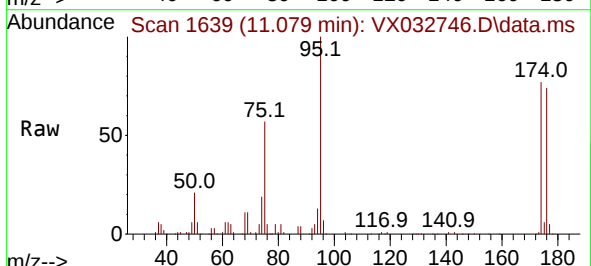
Delta R.T. 0.000 min

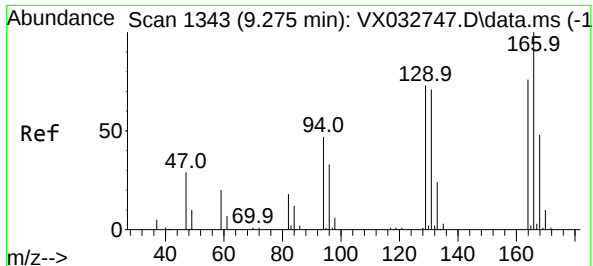
Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion: 95 Resp: 47520

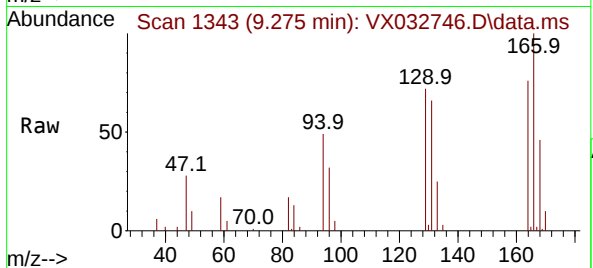
Ion	Ratio	Lower	Upper
95	100		
174	81.5	68.2	102.2
176	78.6	68.1	102.1





#61
Tetrachloroethene
Concen: 4.902 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

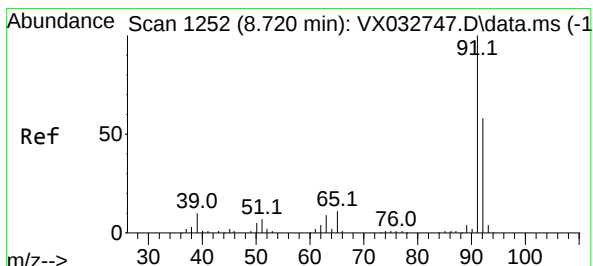
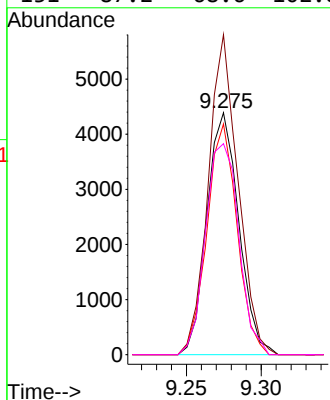
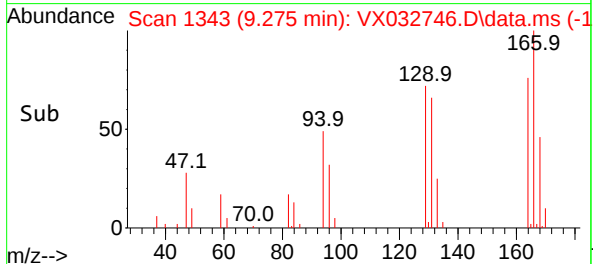
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



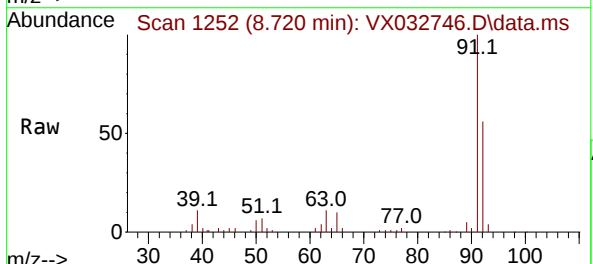
Tgt Ion:164 Resp: 653
Ion Ratio Lower Upper
164 100
166 132.3 102.8 154.2
129 95.4 73.0 109.4
131 87.2 68.6 102.8

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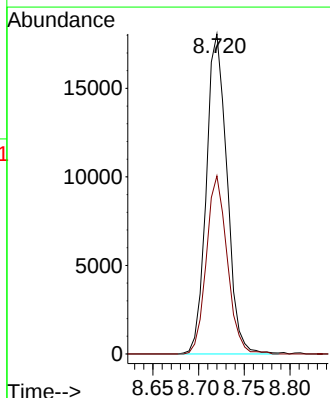
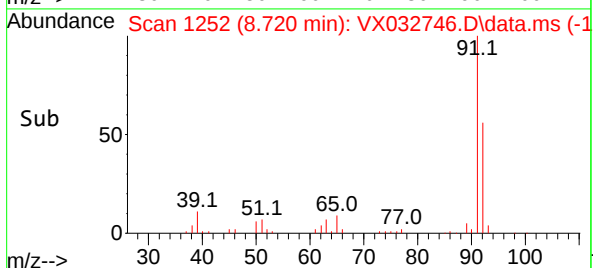
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

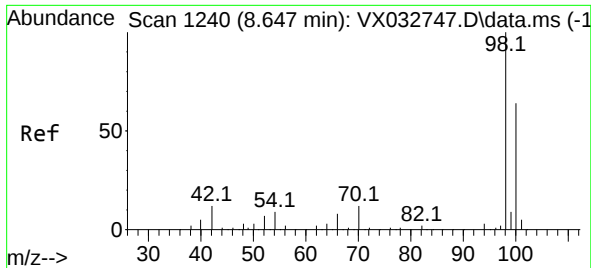


#62
Toluene
Concen: 5.696 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



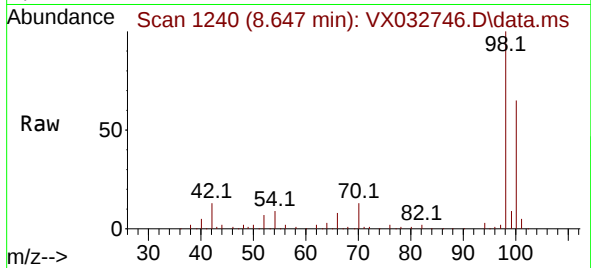
Tgt Ion: 91 Resp: 28366
Ion Ratio Lower Upper
91 100
92 55.9 47.3 70.9





#63
Toluene-d8
Concen: 21.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

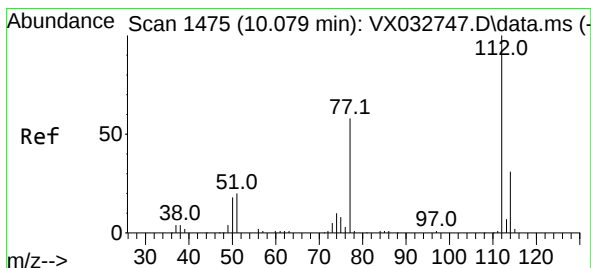
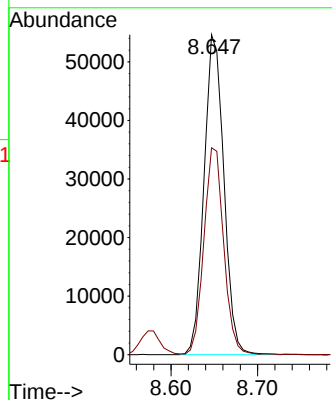
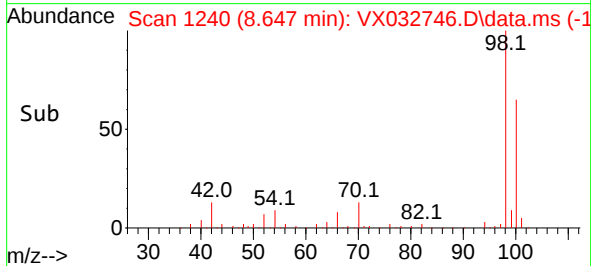
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



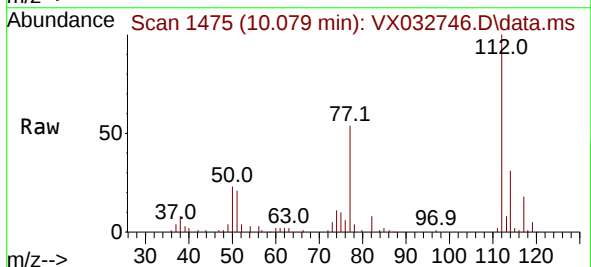
Tgt Ion: 98 Resp: 87018
Ion Ratio Lower Upper
98 100
100 64.5 53.8 80.8

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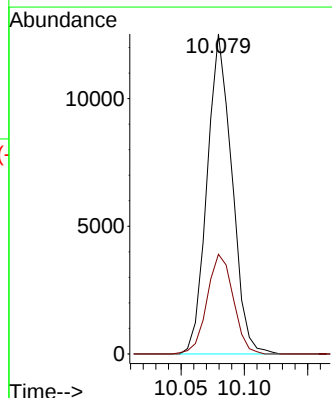
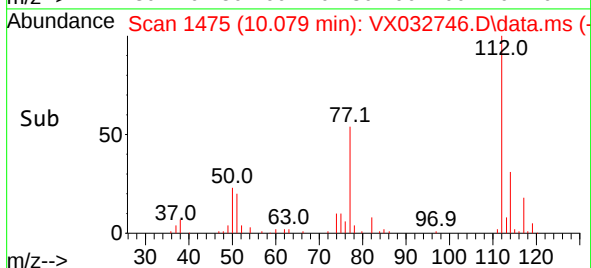
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

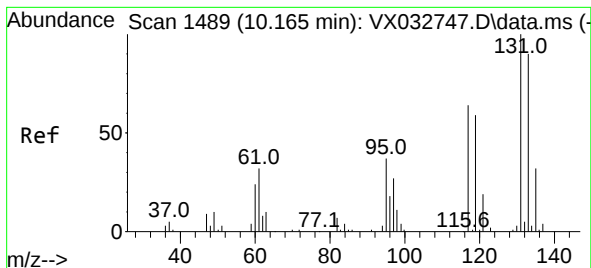


#64
Chlorobenzene
Concen: 5.133 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



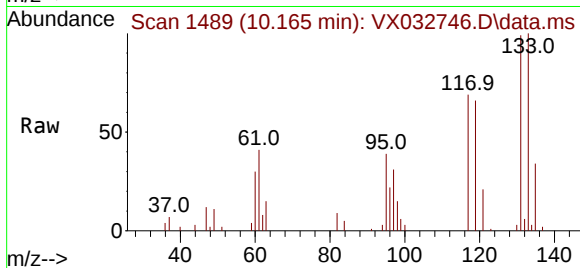
Tgt Ion:112 Resp: 17092
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5





#65
 1,1,1,2-Tetrachloroethane
 Concen: 4.772 ug/l
 RT: 10.165 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

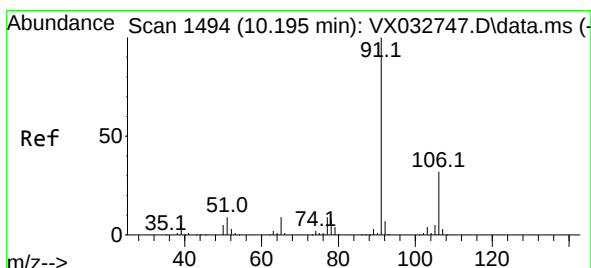
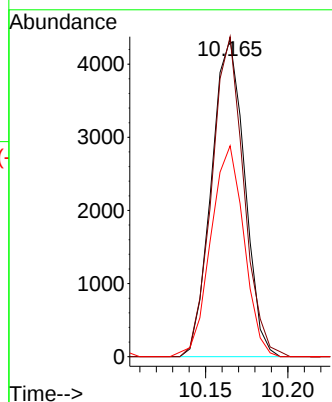
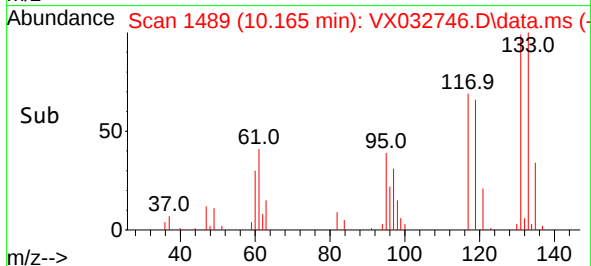
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



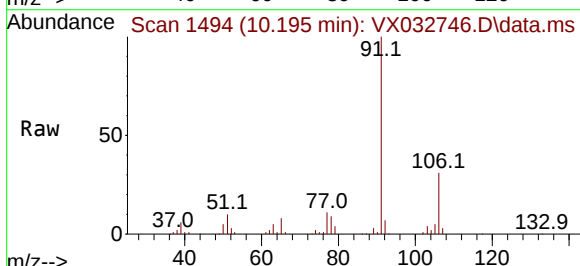
Tgt Ion:131 Resp: 6078
 Ion Ratio Lower Upper
 131 100
 133 97.1 0.0 189.4
 119 66.4 0.0 127.0

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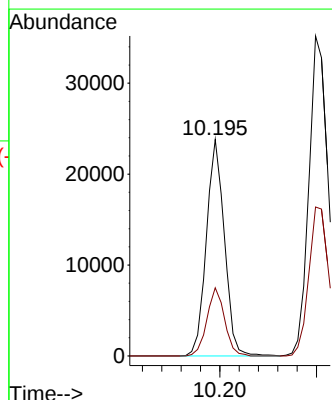
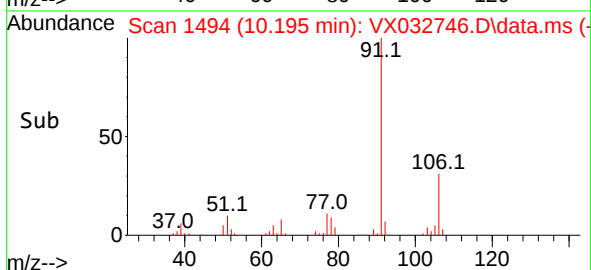
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

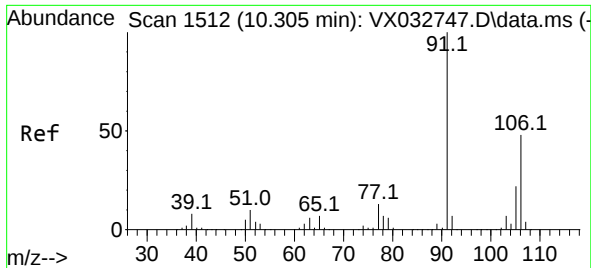


#66
 Ethyl Benzene
 Concen: 5.537 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12



Tgt Ion: 91 Resp: 30954
 Ion Ratio Lower Upper
 91 100
 106 31.5 26.7 40.1





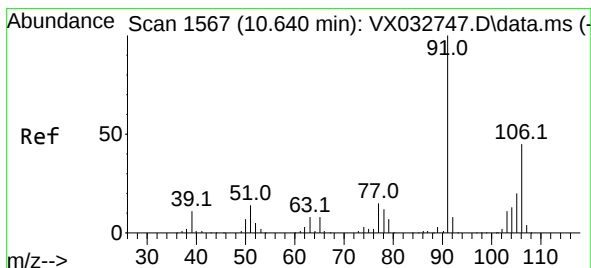
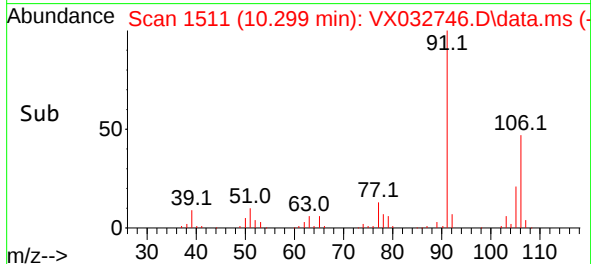
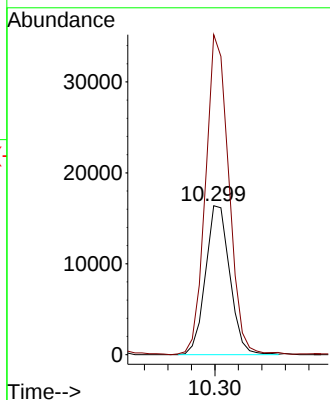
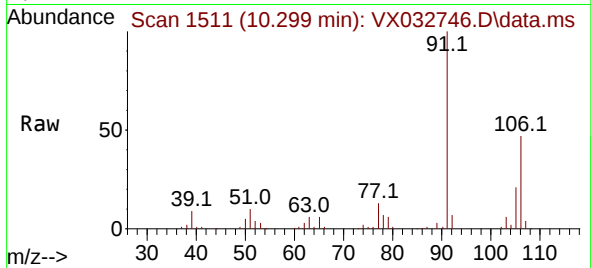
#67
m/p-Xylenes
Concen: 10.289 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23560
Ion Ratio Lower Upper
106 100
91 205.0 152.3 228.5

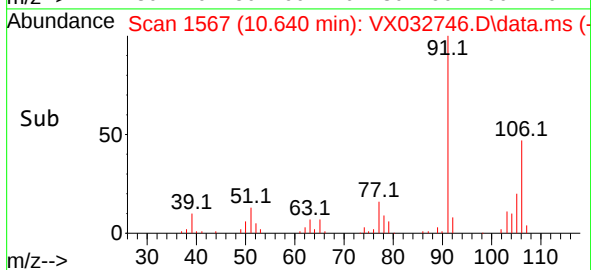
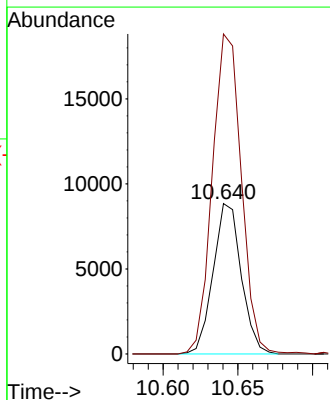
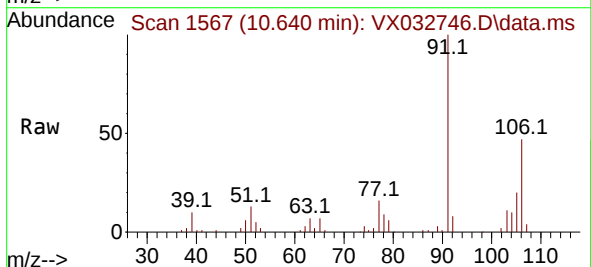
Manual Integrations
APPROVED

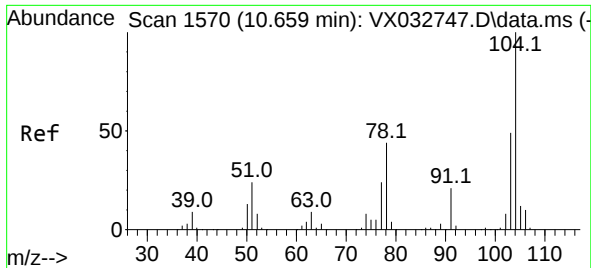
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 5.127 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion:106 Resp: 11558
Ion Ratio Lower Upper
106 100
91 219.3 101.9 305.7





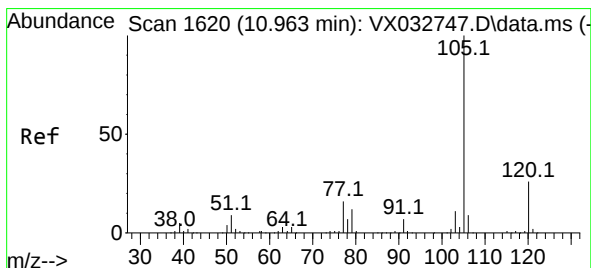
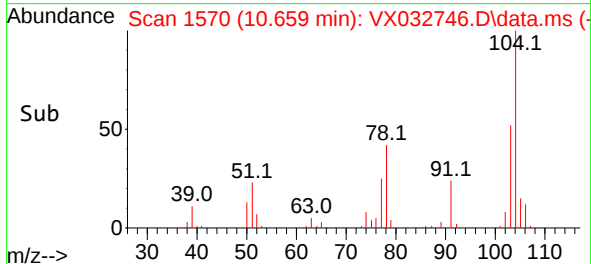
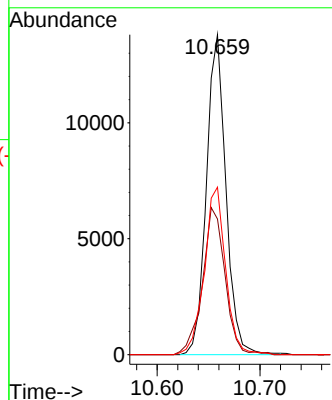
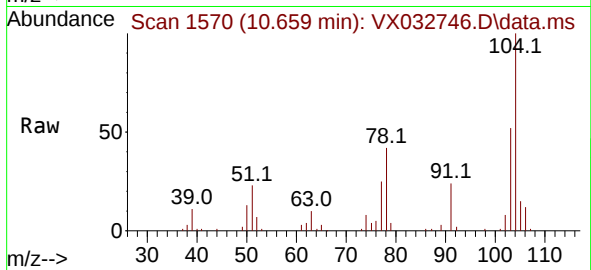
#69
Styrene
Concen: 4.953 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:104 Resp: 18209
Ion Ratio Lower Upper
104 100
78 52.6 36.6 55.0
103 57.4 43.3 64.9

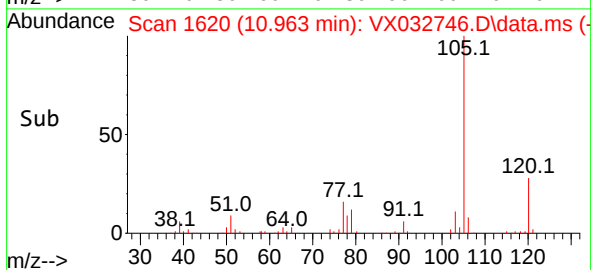
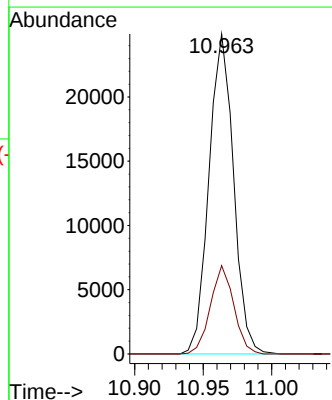
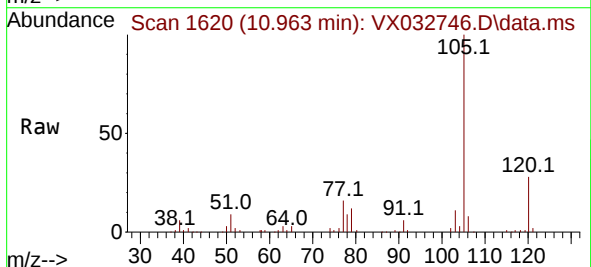
Manual Integrations
APPROVED

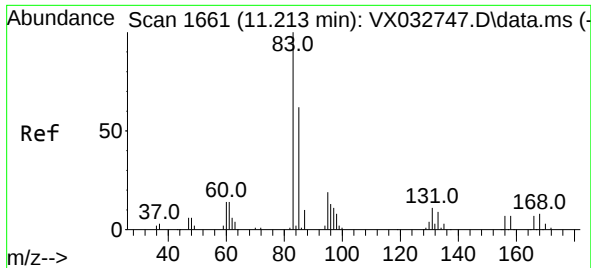
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Isopropylbenzene
Concen: 5.275 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Tgt Ion:105 Resp: 30998
Ion Ratio Lower Upper
105 100
120 26.3 19.3 35.9





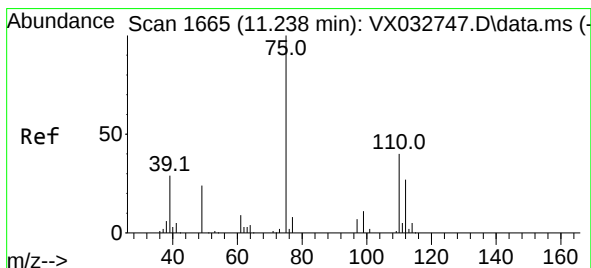
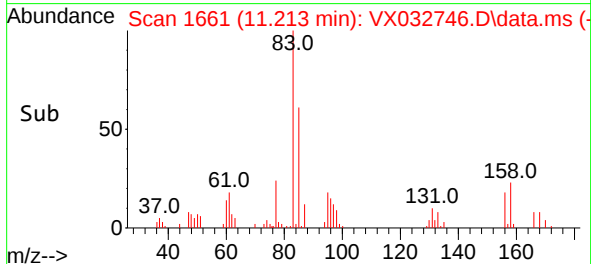
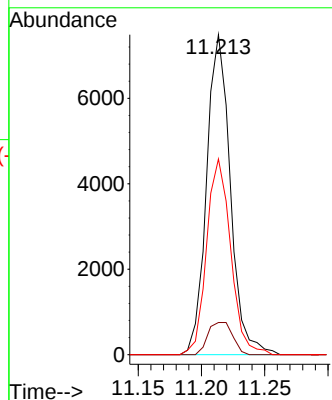
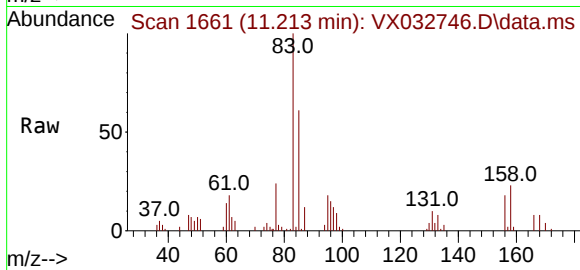
#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.763 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 9800
 Ion Ratio Lower Upper
 83 100
 131 10.4 6.0 18.1
 85 62.0 32.8 98.3

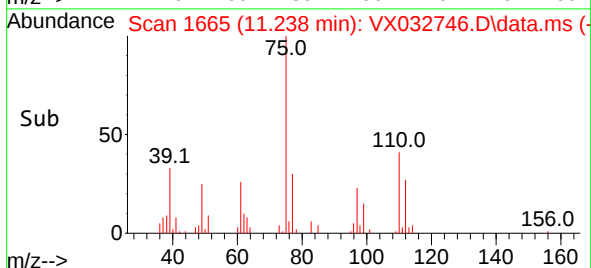
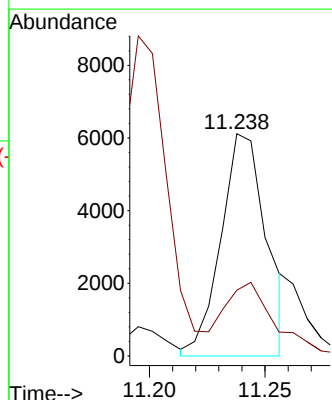
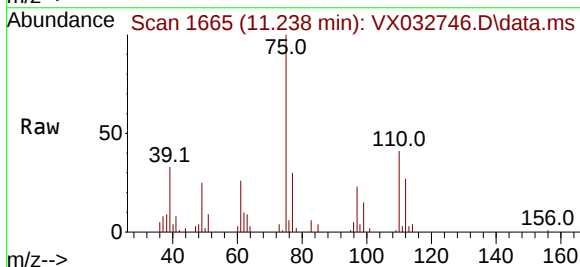
Manual Integrations
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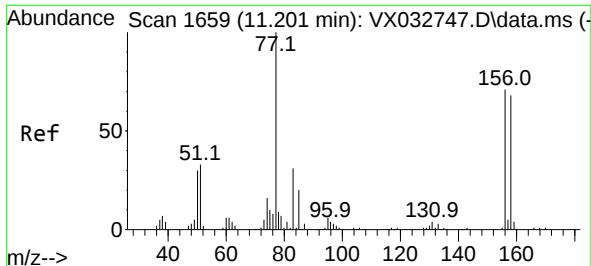
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#72
 1,2,3-Trichloropropane
 Concen: 5.651 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

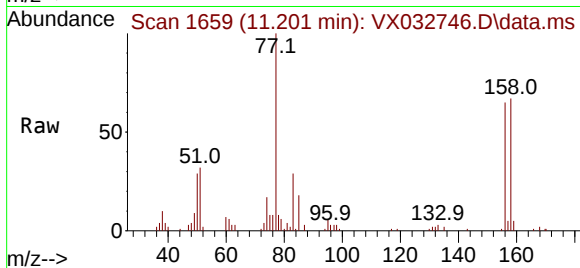
Tgt Ion: 75 Resp: 8363
 Ion Ratio Lower Upper
 75 100
 77 36.6 0.0 76.6





#73
Bromobenzene
Concen: 4.816 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

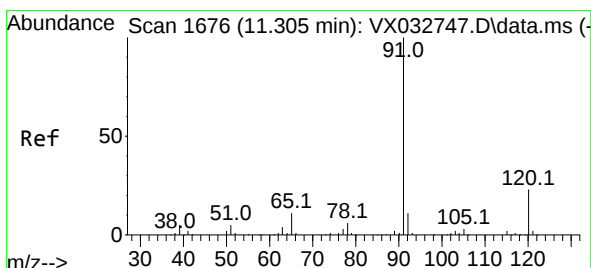
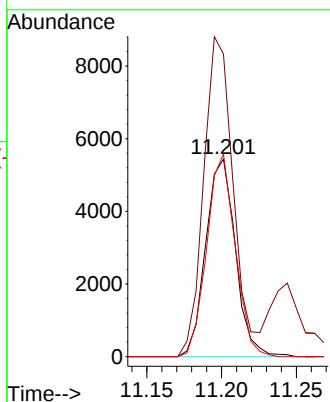
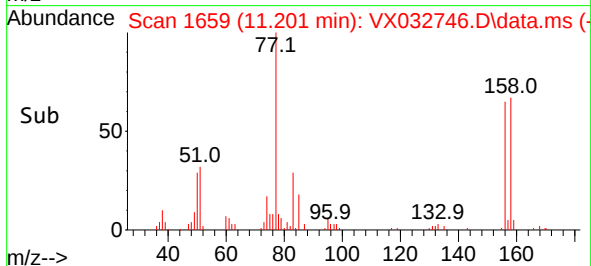
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



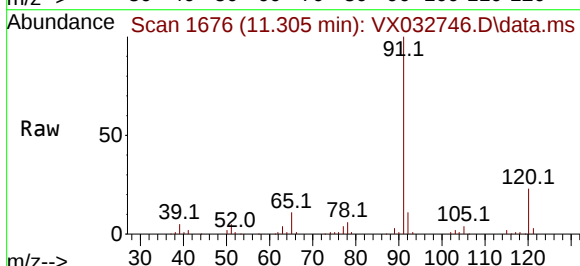
Tgt Ion:156 Resp: 7500
Ion Ratio Lower Upper
156 100
77 161.5 0.0 259.2
158 98.2 0.0 193.2

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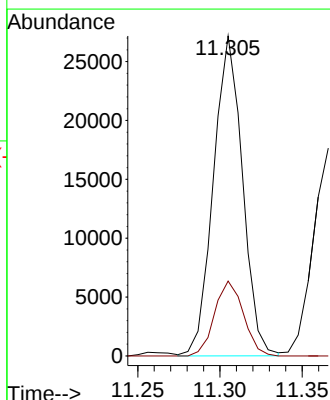
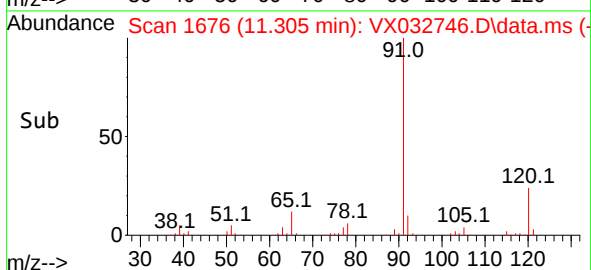
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

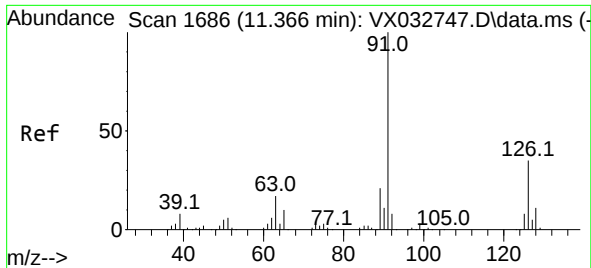


#74
n-propylbenzene
Concen: 5.137 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion: 91 Resp: 33395
Ion Ratio Lower Upper
91 100
120 23.2 0.0 51.0





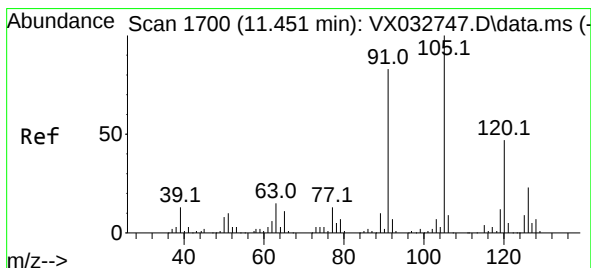
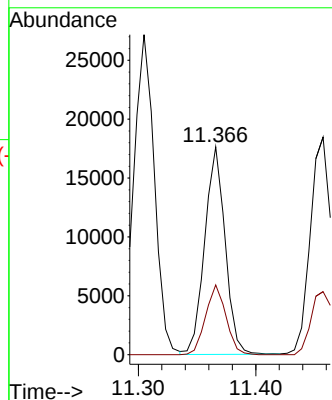
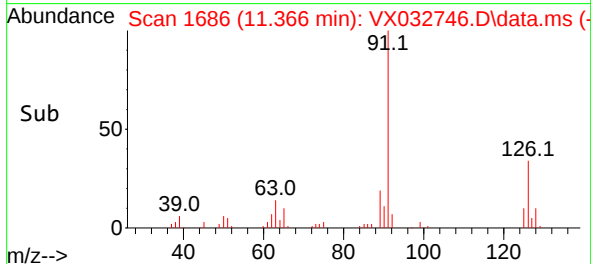
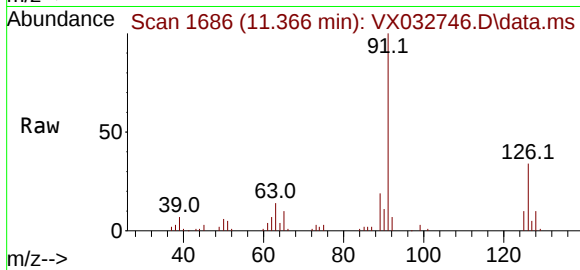
#75
2-Chlorotoluene
Concen: 5.445 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2132
Ion Ratio Lower Upper
91 100
126 33.4 0.0 76.4

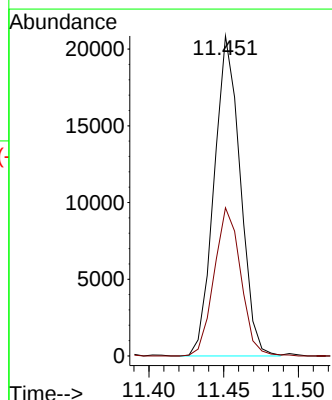
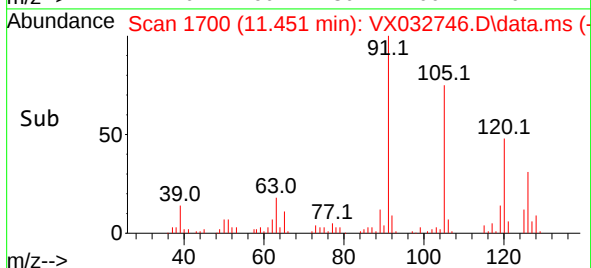
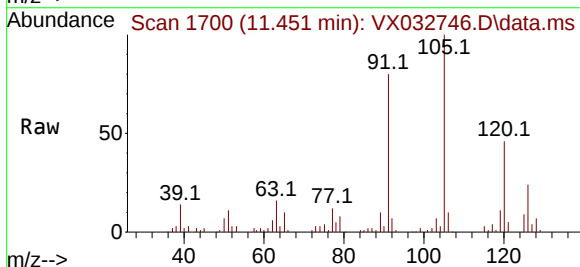
Manual Integrations
APPROVED

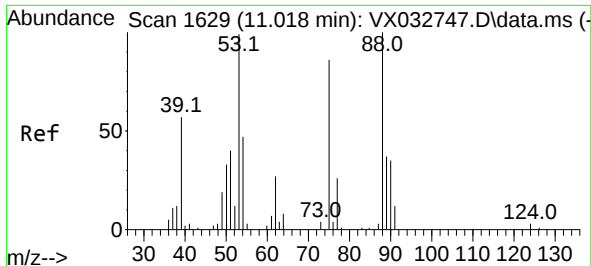
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 5.120 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

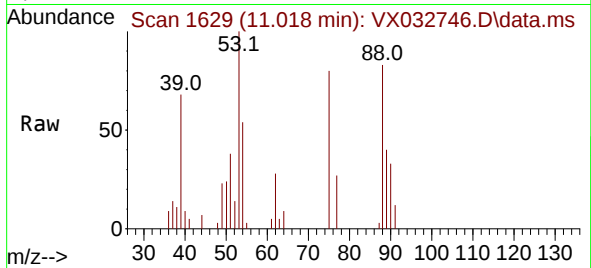
Tgt Ion:105 Resp: 25348
Ion Ratio Lower Upper
105 100
120 47.2 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 4.197 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

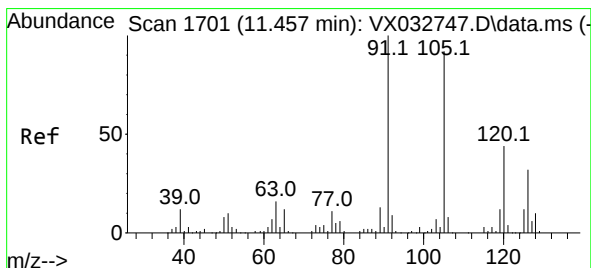
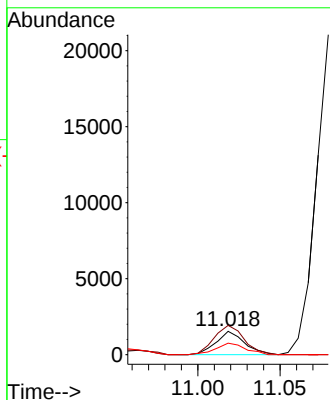
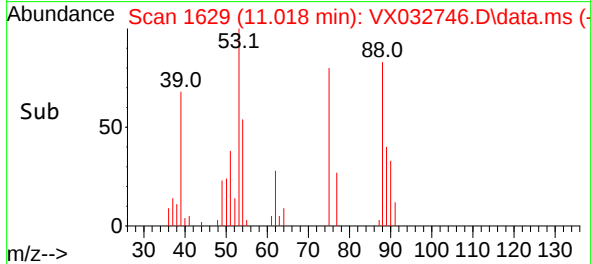
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



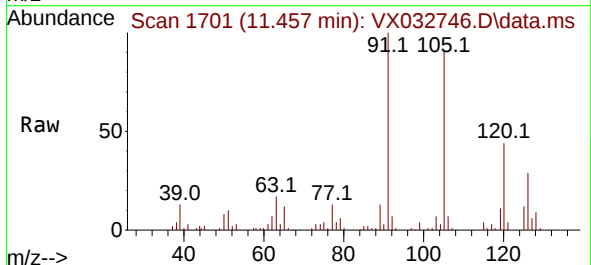
Tgt Ion: 75 Resp: 1839
Ion Ratio Lower Upper
75 100
53 125.2 51.8 155.4
89 49.5 22.9 68.8

Manual Integrations
APPROVED

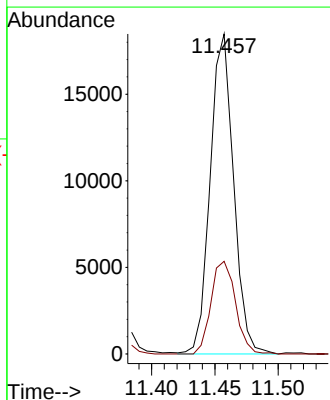
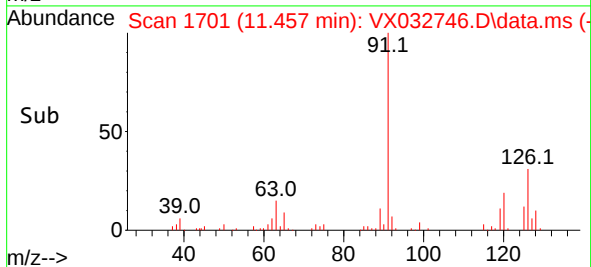
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

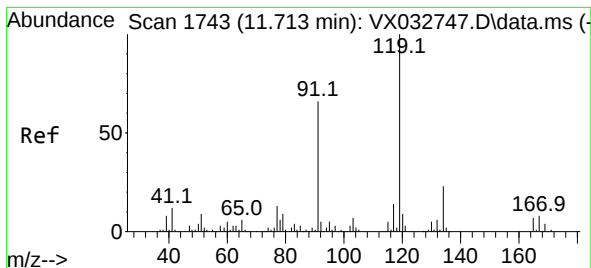


#78
4-Chlorotoluene
Concen: 5.325 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



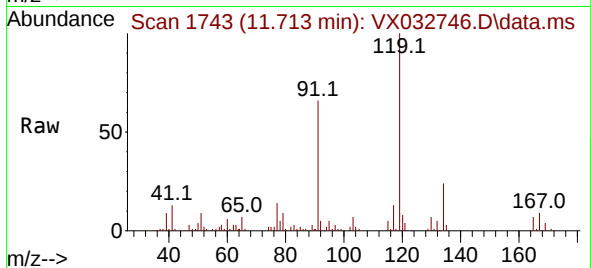
Tgt Ion: 91 Resp: 23775
Ion Ratio Lower Upper
91 100
126 30.2 0.0 67.0





#79
tert-butylbenzene
Concen: 5.016 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

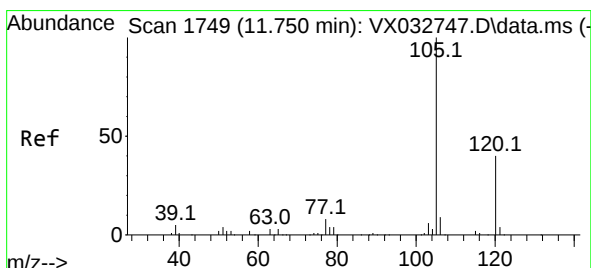
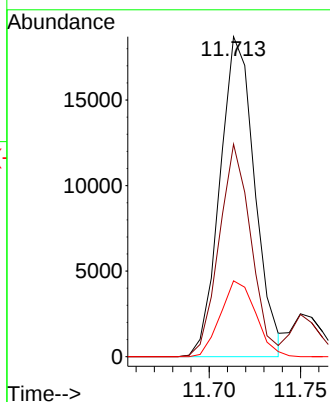
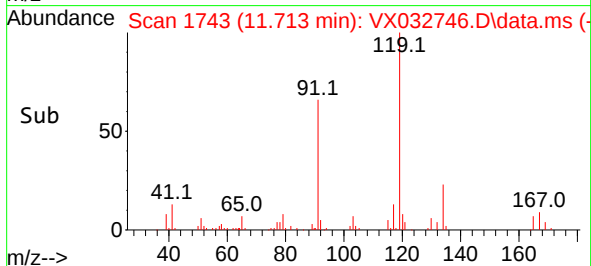
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



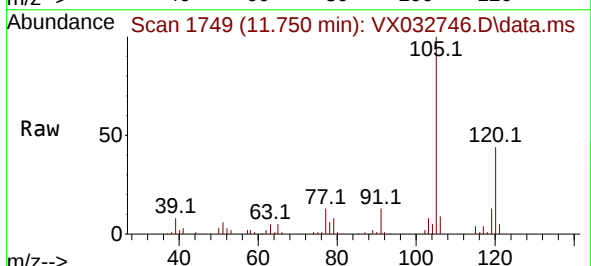
Tgt Ion:119 Resp: 2478
Ion Ratio Lower Upper
119 100
91 61.1 0.0 112.0
134 24.0 0.0 51.0

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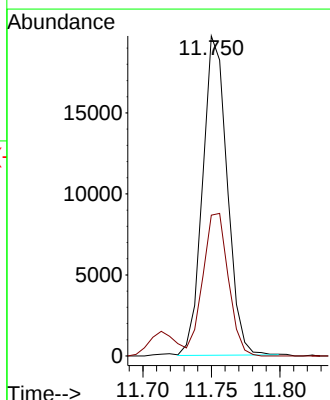
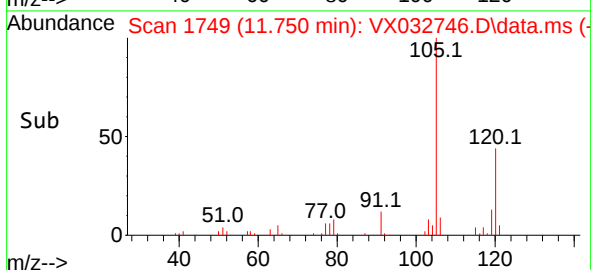
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

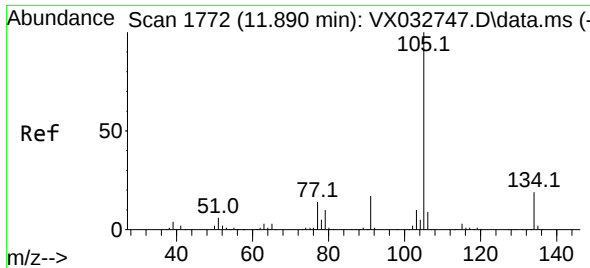


#80
1,2,4-Trimethylbenzene
Concen: 4.995 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



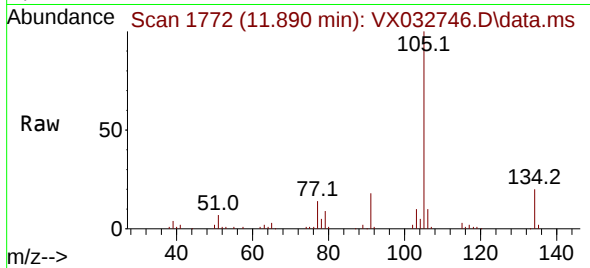
Tgt Ion:105 Resp: 24522
Ion Ratio Lower Upper
105 100
120 46.3 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 4.849 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12

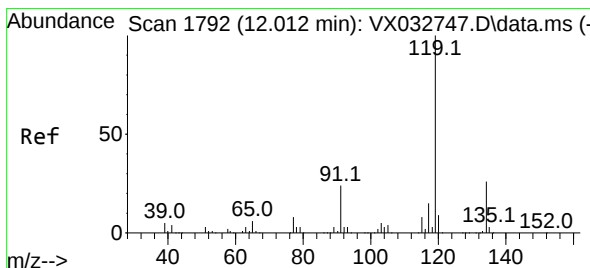
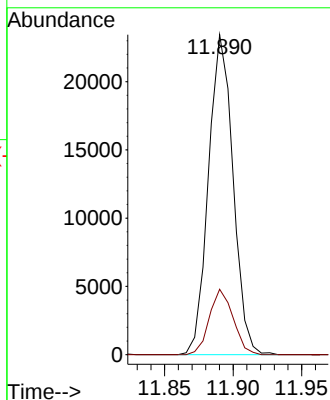
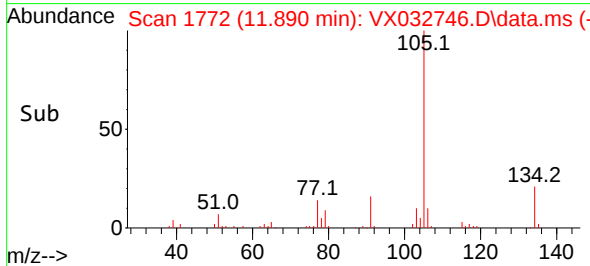
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



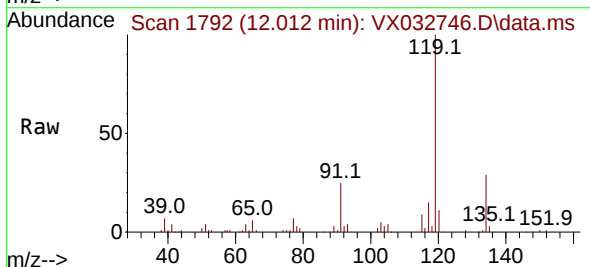
Tgt Ion:105 Resp: 29279
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 44.4

Manual Integrations
 APPROVED

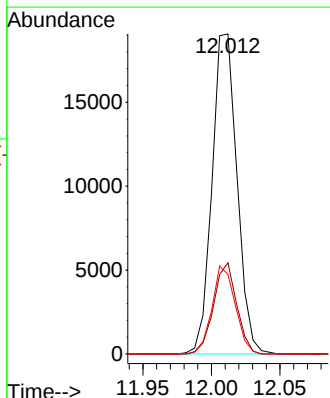
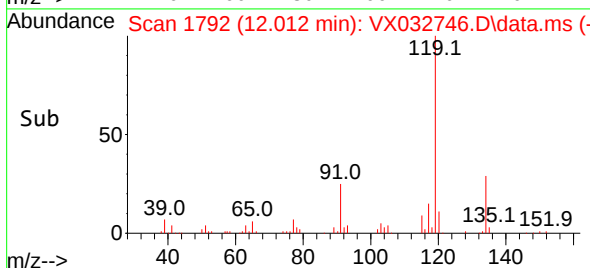
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

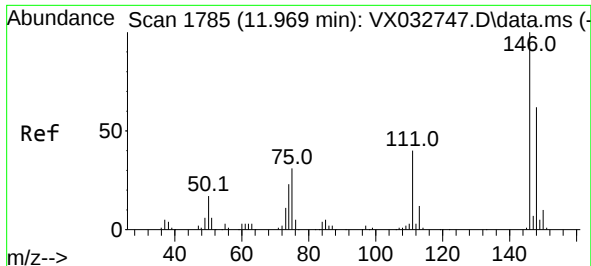


#82
 p-Isopropyltoluene
 Concen: 4.598 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032746.D
 Acq: 11 Nov 2022 00:12



Tgt Ion:119 Resp: 24189
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 55.4
 91 25.7 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 4.545 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 13349

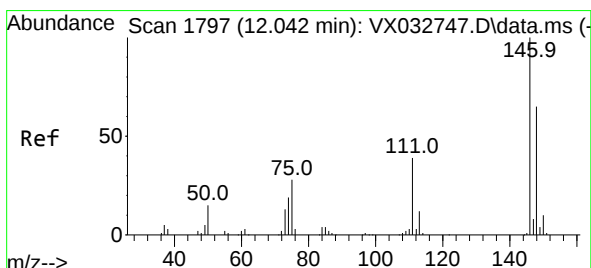
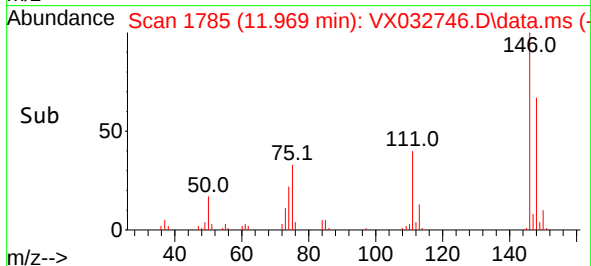
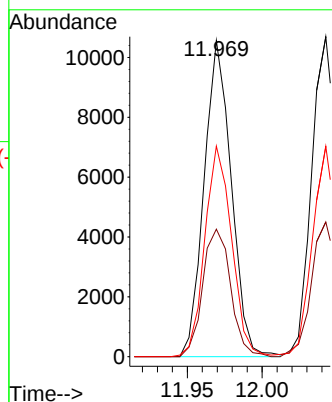
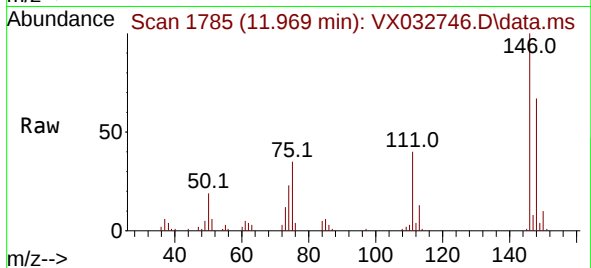
Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.4	58.1
148	65.8	32.6	97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#84

1,4-Dichlorobenzene

Concen: 4.425 ug/l

RT: 12.043 min Scan# 1797

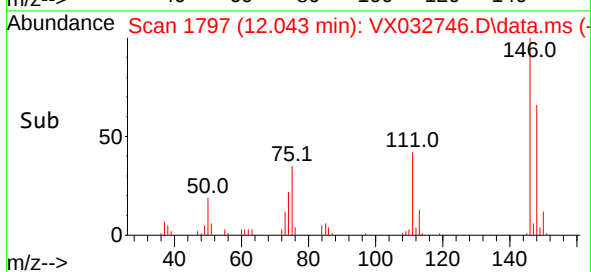
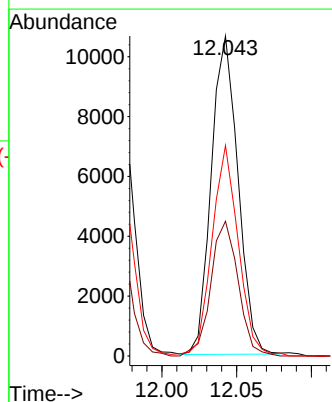
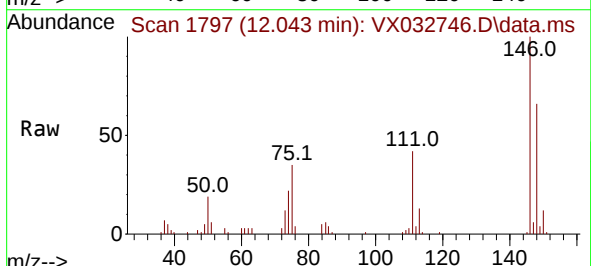
Delta R.T. 0.000 min

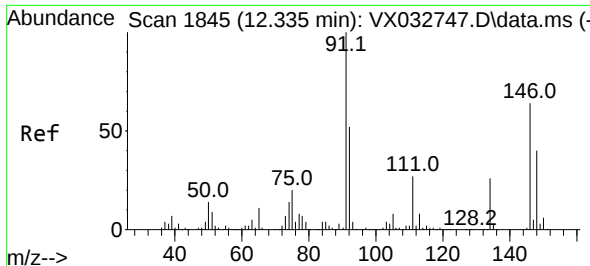
Lab File: VX032746.D

Acq: 11 Nov 2022 00:12

Tgt Ion:146 Resp: 13225

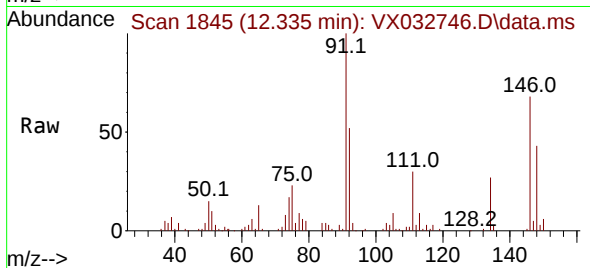
Ion	Ratio	Lower	Upper
146	100		
111	43.2	18.9	56.5
148	65.1	31.6	95.0





#85
n-Butylbenzene
Concen: 4.769 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

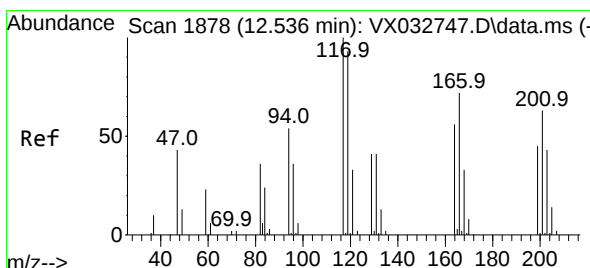
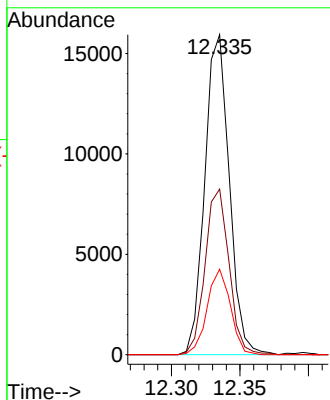
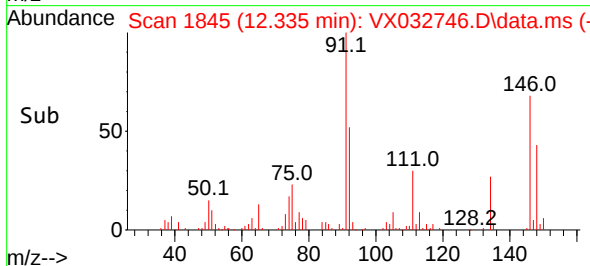
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 1980
Ion Ratio Lower Upper
91 100
92 50.7 0.0 108.4
134 25.4 0.0 60.6

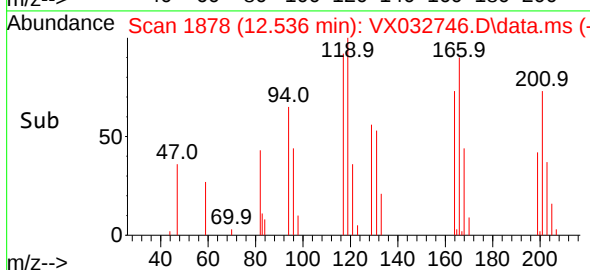
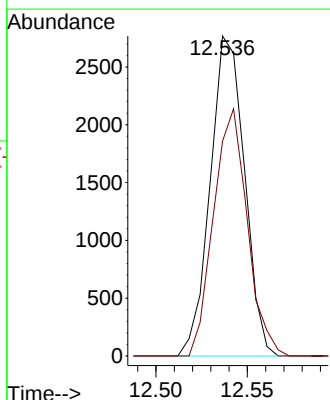
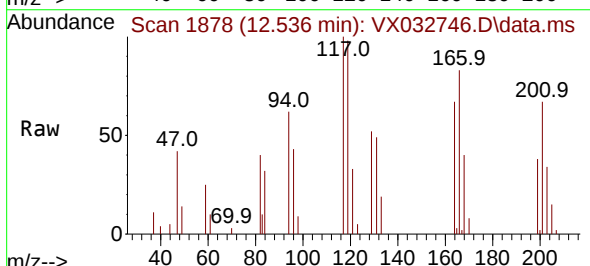
Manual Integrations
APPROVED

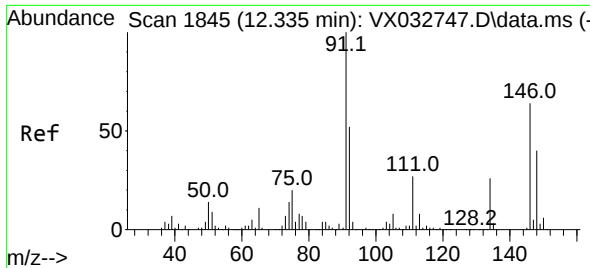
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 4.302 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

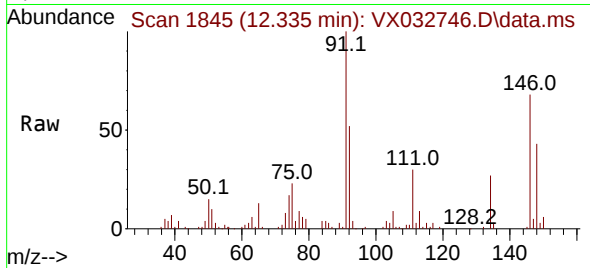
Tgt Ion:117 Resp: 3611
Ion Ratio Lower Upper
117 100
201 76.0 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 4.759 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

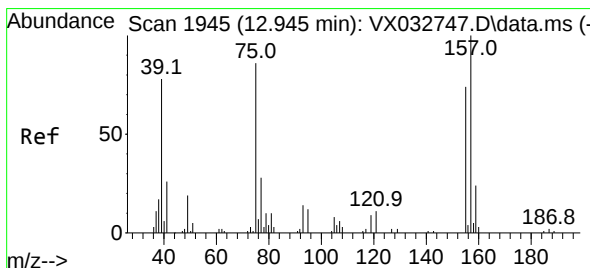
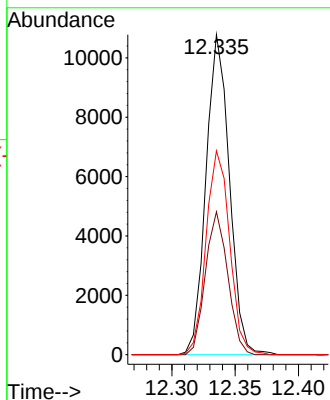
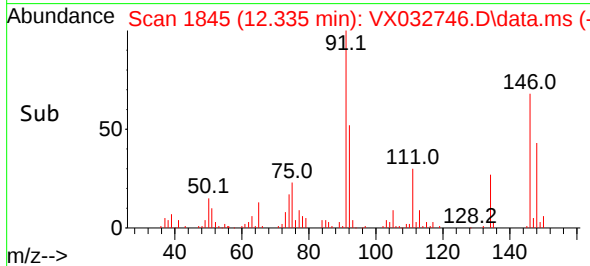
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



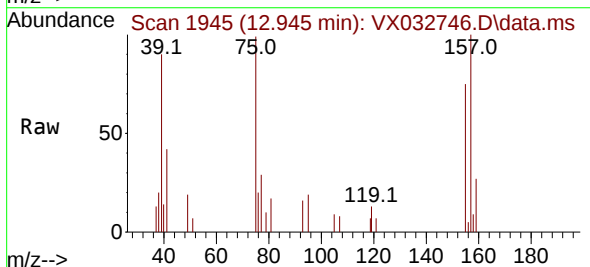
Tgt Ion:146 Resp: 1389
Ion Ratio Lower Upper
146 100
111 42.6 20.0 60.0
148 64.2 33.0 99.0

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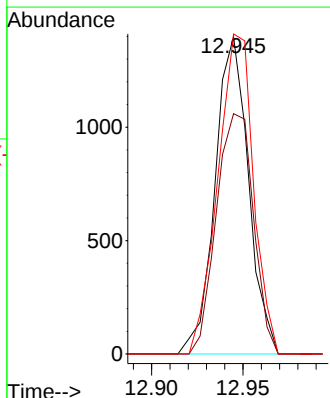
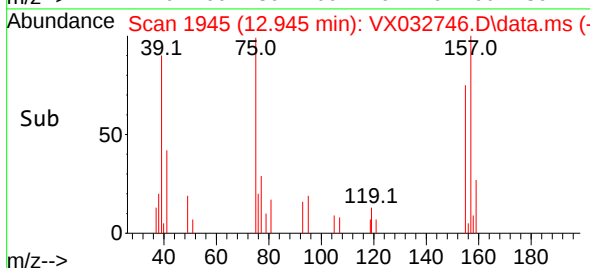
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

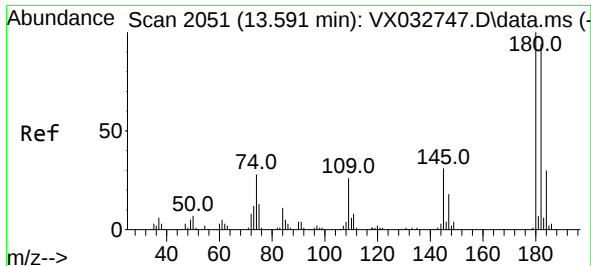


#88
1,2-Dibromo-3-Chloropropane
Concen: 5.202 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



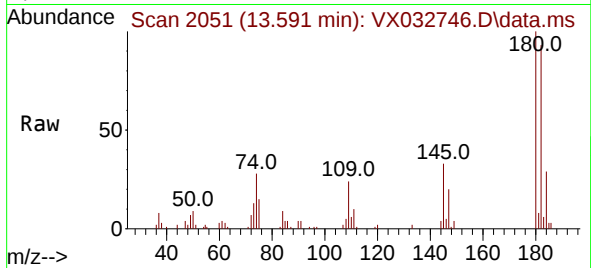
Tgt Ion: 75 Resp: 1780
Ion Ratio Lower Upper
75 100
155 84.0 85.0 127.6#
157 107.7 101.0 151.6





#89
1,2,4-Trichlorobenzene
Concen: 4.214 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

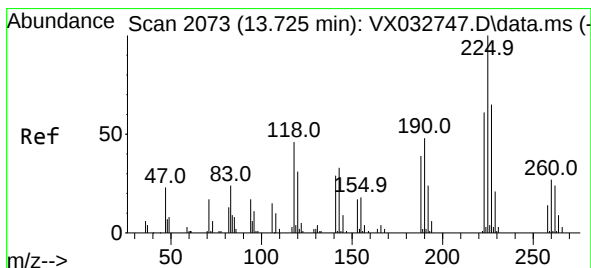
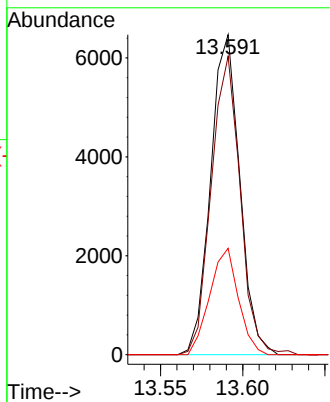
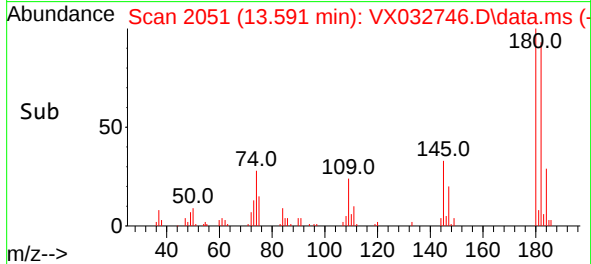
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



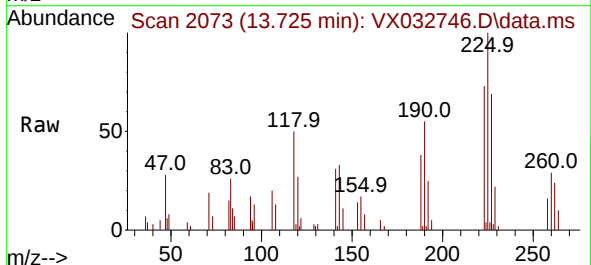
Tgt Ion:180 Resp: 798
Ion Ratio Lower Upper
180 100
182 92.1 75.3 112.9
145 32.7 25.9 38.9

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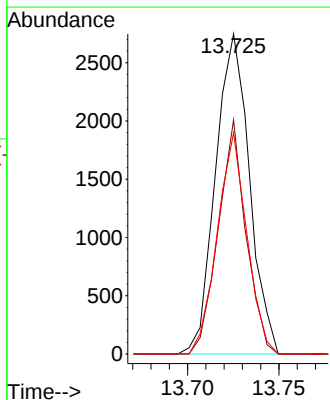
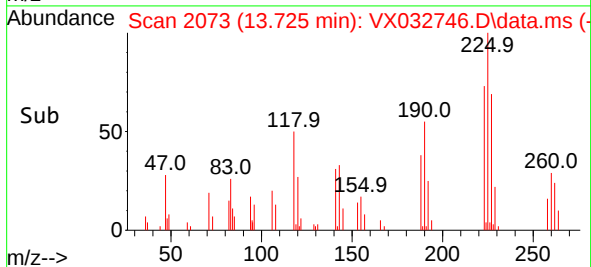
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

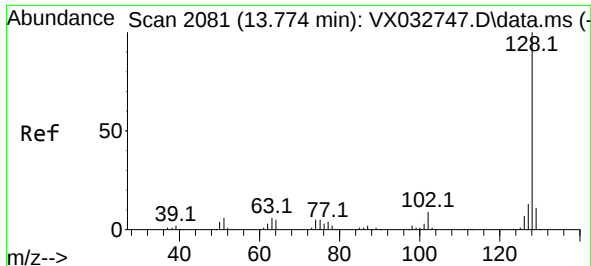


#90
Hexachlorobutadiene
Concen: 4.638 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



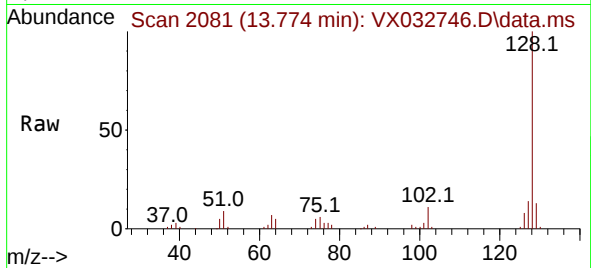
Tgt Ion:225 Resp: 3543
Ion Ratio Lower Upper
225 100
223 59.9 0.0 126.0
227 60.5 0.0 127.6





#91
Naphthalene
Concen: 4.426 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12

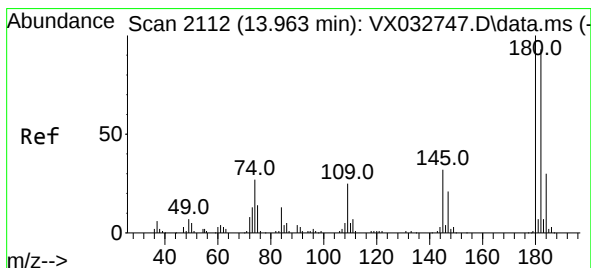
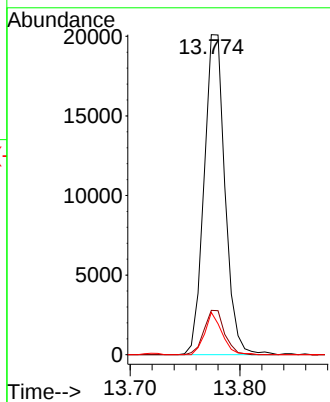
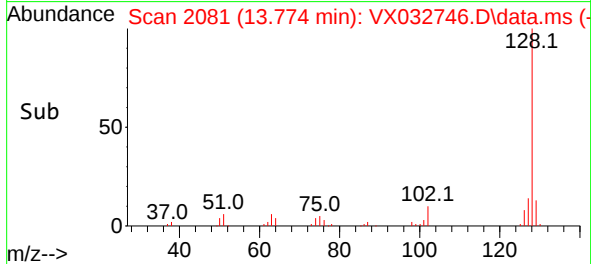
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



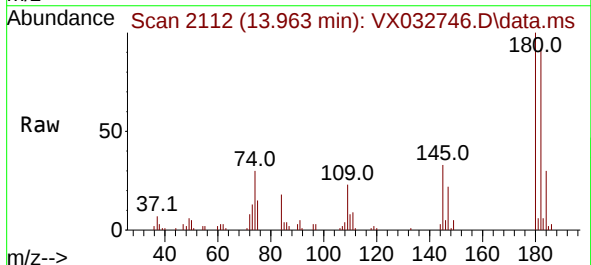
Tgt Ion:128 Resp: 2668
Ion Ratio Lower Upper
128 100
127 13.6 9.9 14.9
129 10.8 8.4 12.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.307 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032746.D
Acq: 11 Nov 2022 00:12



Tgt Ion:180 Resp: 8127
Ion Ratio Lower Upper
180 100
182 95.5 0.0 199.0
145 34.1 0.0 68.2

