

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034866.D
 Acq On : 31 Mar 2023 10:23
 Operator : JC/MD
 Sample : VX0331WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 05:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	24355	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	168005	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	182655	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	72970	31.182	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.933%	
60) 4-Bromofluorobenzene	11.079	95	105167	28.815	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.033%	
63) Toluene-d8	8.647	98	188189	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	50489	21.857	ug/l	100
3) Chloromethane	1.295	50	61566	20.555	ug/l	97
4) Vinyl Chloride	1.374	62	60093	20.335	ug/l	98
5) Bromomethane	1.618	94	41136	21.163	ug/l	97
6) Chloroethane	1.691	64	40005	20.802	ug/l	98
7) Trichlorofluoromethane	1.892	101	100132	21.272	ug/l	99
8) Diethyl Ether	2.130	74	35728	21.083	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	50442	21.122	ug/l	98
10) 1,1-Dichloroethene	2.319	96	48930	20.240	ug/l	98
11) Methyl Iodide	2.453	142	61555	19.995	ug/l	97
12) Methyl Acetate	2.703	43	110312	20.605	ug/l	99
13) Acrolein	2.240	56	68103	109.699	ug/l	98
14) Acrylonitrile	3.063	53	149512	101.420	ug/l	98
15) Acetone	2.392	58	48683	121.641	ug/l	97
16) Carbon Disulfide	2.514	76	112466	18.188	ug/l	98
17) Allyl chloride	2.666	41	93550	19.998	ug/l	99
18) Methylene Chloride	2.788	84	58035	20.379	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	52977	20.027	ug/l	94
20) Diisopropyl ether	3.758	45	200488	20.919	ug/l	97
21) 1,1-Dichloroethane	3.611	63	103745	20.245	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	62932	20.426	ug/l	100
23) tert-Butyl Alcohol	3.002	59	66220m	99.837	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	183024	20.374	ug/l	97
25) Chloroform	5.093	83	105999	20.336	ug/l	98
26) Cyclohexane	5.471	56	90112	20.066	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	76507	19.799	ug/l	99
30) 2-Butanone	4.562	43	234186	108.674	ug/l	100
31) 2,2-Dichloropropane	4.471	77	81397	20.771	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	88387	19.498	ug/l	99
33) Carbon Tetrachloride	5.678	117	72314	19.329	ug/l	98
34) Benzene	6.038	78	226708	20.189	ug/l	100
35) Methacrylonitrile	4.916	41	48158	20.418	ug/l	99
36) 1,2-Dichloroethane	6.086	62	91414	20.763	ug/l	100
37) Trichloroethene	7.123	130	56544	19.786	ug/l	93
38) Methylcyclohexane	7.379	83	80739	19.125	ug/l	97
39) 1,2-Dichloropropane	7.428	63	59551	20.402	ug/l	99
40) Dibromomethane	7.580	93	41357	20.626	ug/l	98
41) Bromodichloromethane	7.818	83	74751	19.792	ug/l	99
42) Vinyl Acetate	3.721	43	734002	104.406	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :
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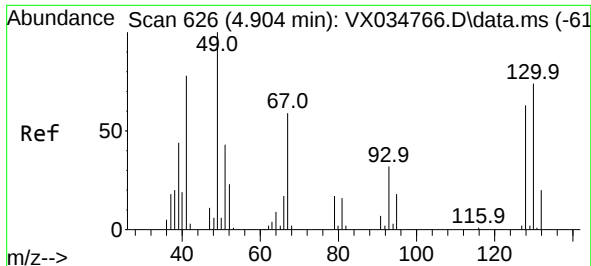
Manual Integrations
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Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 05:31:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
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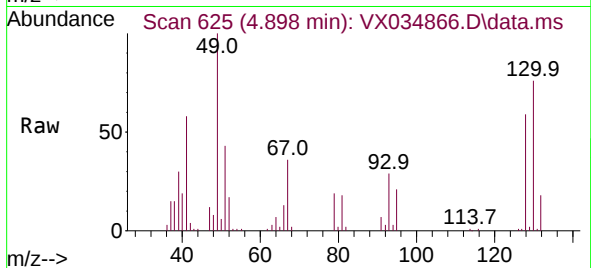
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	86711	20.747	ug/l	98
44) Isopropyl Acetate	6.336	43	141122	19.947	ug/l	98
45) 1,4-Dioxane	7.708	88	28671	409.036	ug/l	96
46) Methyl methacrylate	7.690	41	68896	19.986	ug/l	97
47) n-amyl Acetate	10.842	43	121299	19.720	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	78301	19.028	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	88494	19.574	ug/l	94
50) 1,1,2-Trichloroethane	9.147	97	57584	20.614	ug/l	97
51) Ethyl methacrylate	9.116	69	89643	19.772	ug/l	97
52) 1,3-Dichloropropane	9.305	76	103188	20.912	ug/l	99
53) Dibromochloromethane	9.519	129	53017	19.185	ug/l	100
54) 1,2-Dibromoethane	9.610	107	59935	20.059	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	239997	100.591	ug/l	99
56) Bromoform	10.799	173	33859	17.770	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	439060	104.841	ug/l	99
59) 2-Hexanone	9.427	43	339497	107.670	ug/l	99
61) Tetrachloroethene	9.275	164	50426	20.489	ug/l	97
62) Toluene	8.714	91	244471	20.469	ug/l	100
64) Chlorobenzene	10.080	112	150492	20.461	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	52905	20.121	ug/l	99
66) Ethyl Benzene	10.195	91	271795	20.432	ug/l	100
67) m/p-Xylenes	10.299	106	206446	40.788	ug/l	99
68) o-Xylene	10.640	106	101808	20.340	ug/l	98
69) Styrene	10.653	104	164521	19.938	ug/l	100
70) Isopropylbenzene	10.964	105	259384	20.023	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.214	83	86848	20.396	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	72560m	18.720	ug/l	
73) Bromobenzene	11.195	156	62474	20.081	ug/l	97
74) n-propylbenzene	11.305	91	299727	19.876	ug/l	99
75) 2-Chlorotoluene	11.366	91	188391	20.039	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	213140	19.545	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	19808	16.640	ug/l	88
78) 4-Chlorotoluene	11.451	91	211913	19.662	ug/l	98
79) tert-butylbenzene	11.713	119	201980	19.403	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	214325	19.778	ug/l	99
81) sec-Butylbenzene	11.890	105	244899	19.415	ug/l	100
82) p-Isopropyltoluene	12.006	119	205763	19.331	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	116988	19.912	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	118479	20.081	ug/l	99
85) n-Butylbenzene	12.329	91	174949	19.071	ug/l	99
86) Hexachloroethane	12.536	117	29854	17.124	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	115579	20.105	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	17136	18.416	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	65951	19.124	ug/l	99
90) Hexachlorobutadiene	13.725	225	25978	19.533	ug/l	96
91) Naphthalene	13.774	128	236904	19.443	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	65757	19.073	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

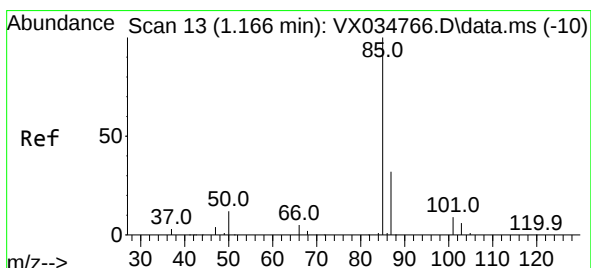
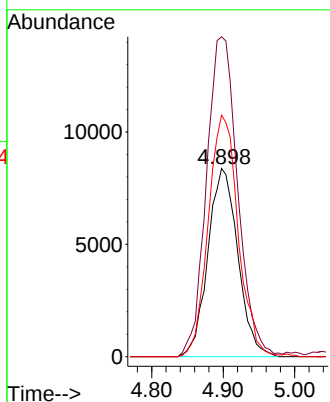
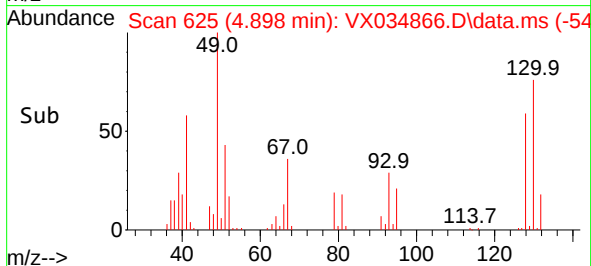
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion:128 Resp: 2435
Ion Ratio Lower Upper
128 100
49 177.6 0.0 428.8
130 128.5 0.0 310.8

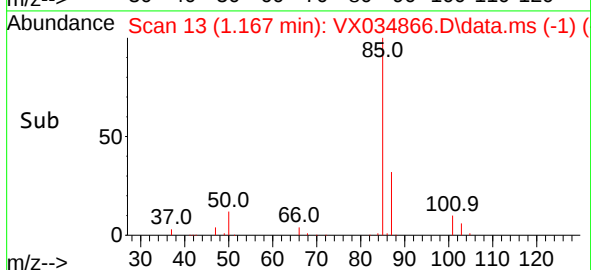
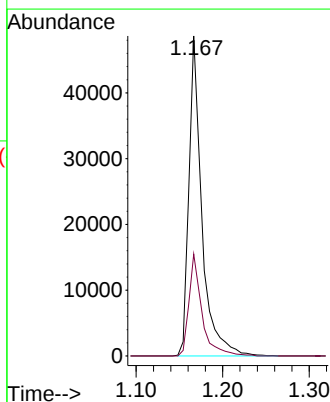
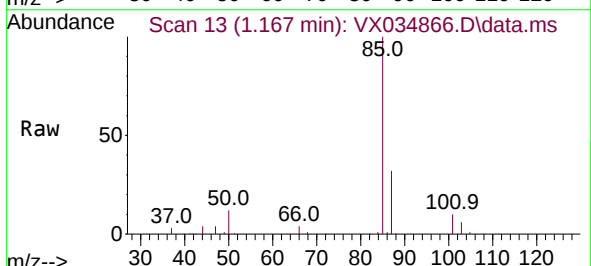
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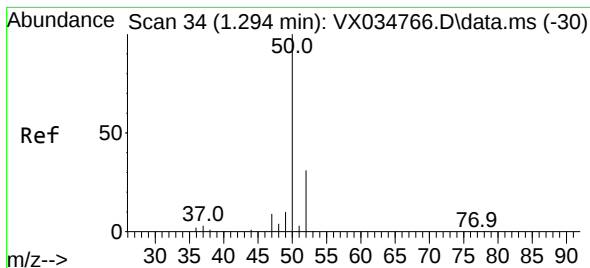
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 21.857 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 85 Resp: 50489
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0





#3

Chloromethane

Concen: 20.555 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

Tgt Ion: 50 Resp: 6156

Ion Ratio Lower Upper

50 100

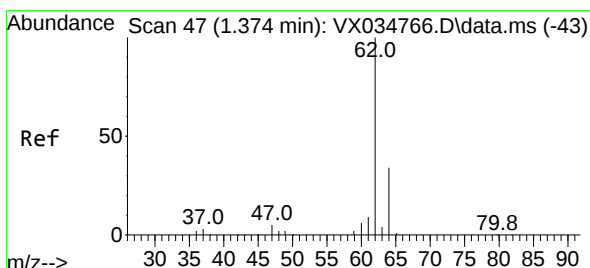
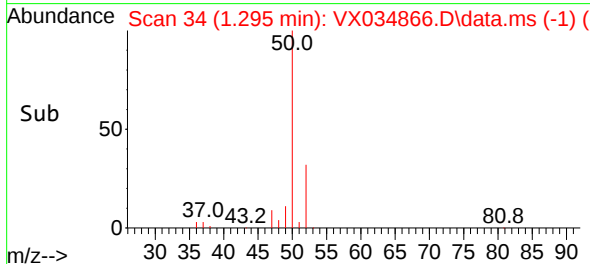
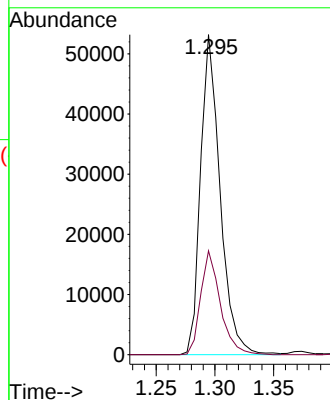
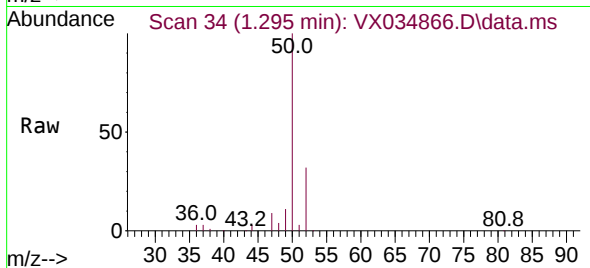
52 32.5 24.6 36.8

Manual Integrations

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Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#4

Vinyl Chloride

Concen: 20.335 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX034866.D

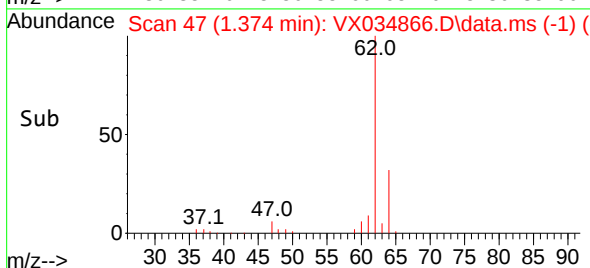
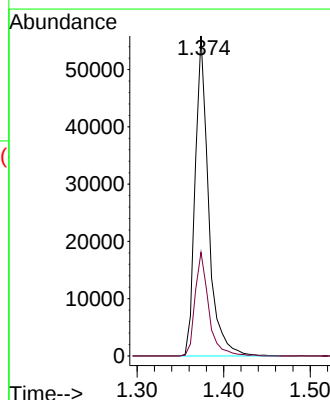
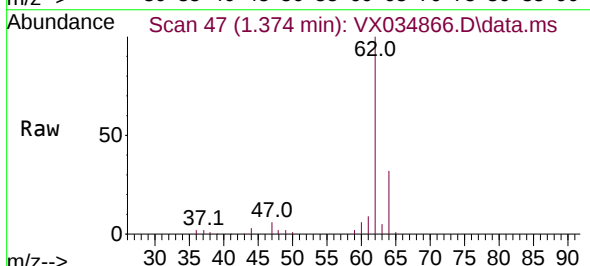
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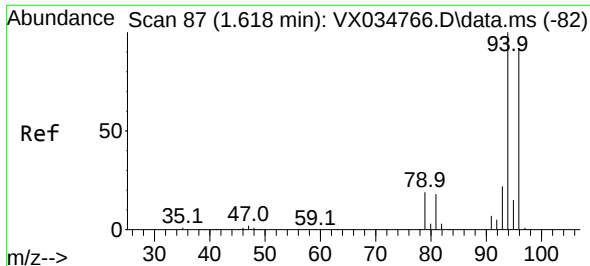
Tgt Ion: 62 Resp: 60093

Ion Ratio Lower Upper

62 100

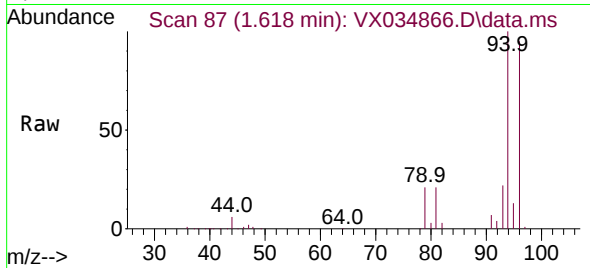
64 32.4 26.9 40.3





#5
Bromomethane
Concen: 21.163 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

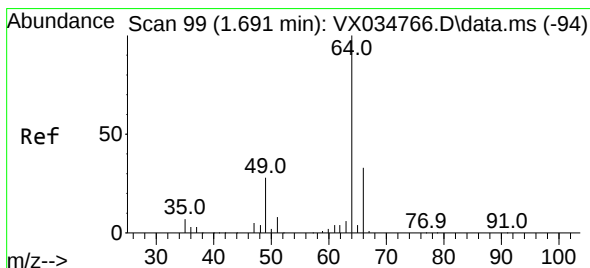
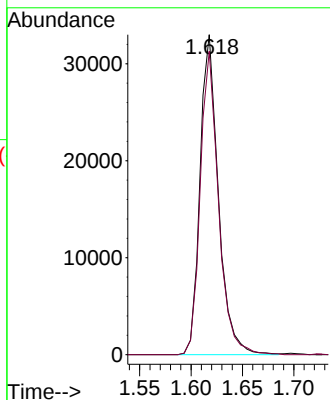
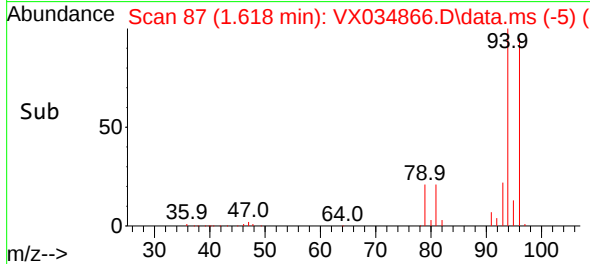
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 94 Resp: 41130
Ion Ratio Lower Upper
94 100
96 94.8 73.4 110.0

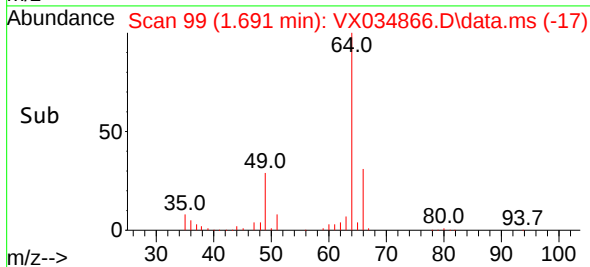
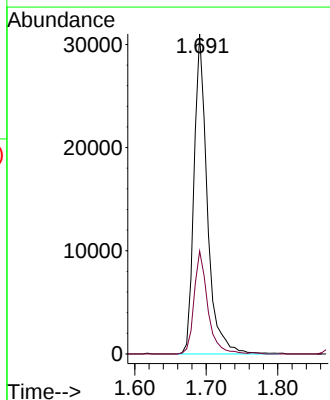
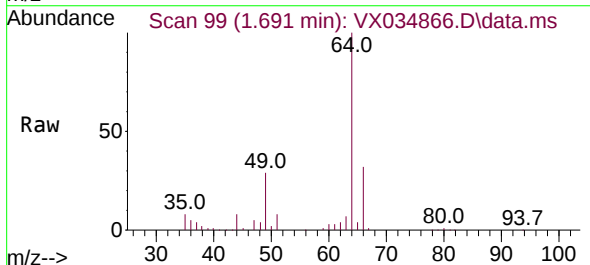
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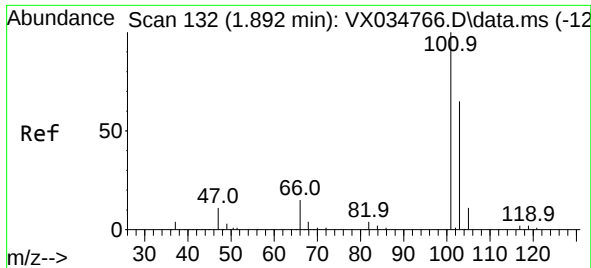
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#6
Chloroethane
Concen: 20.802 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

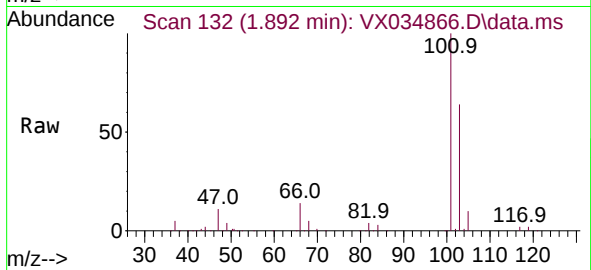
Tgt Ion: 64 Resp: 40005
Ion Ratio Lower Upper
64 100
66 32.1 26.6 40.0





#7
Trichlorofluoromethane
Concen: 21.272 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

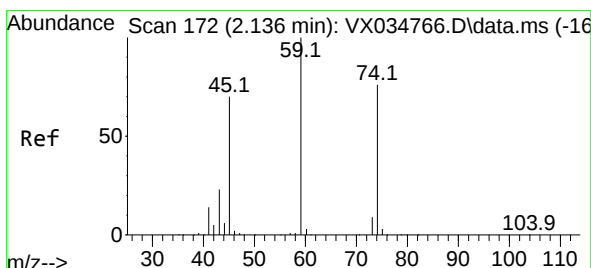
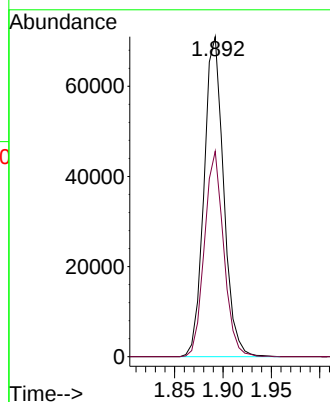
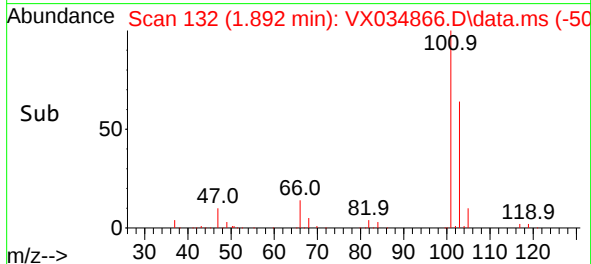
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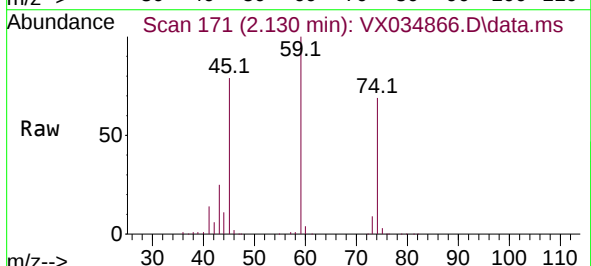
Tgt Ion:101 Resp: 100132
Ion Ratio Lower Upper
101 100
103 64.2 52.1 78.1

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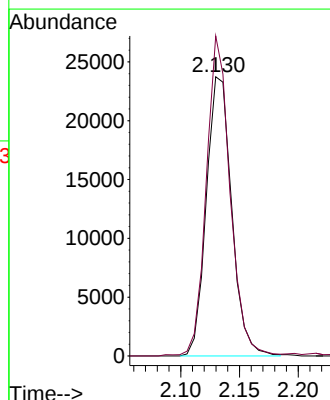
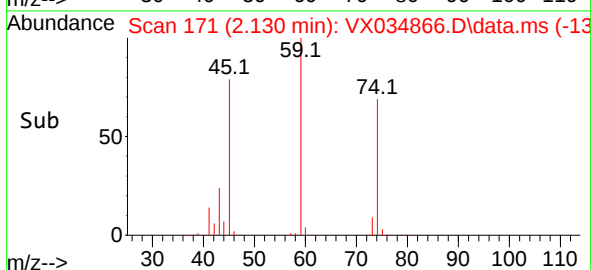
Reviewed By :John Carlone 04/03/2023
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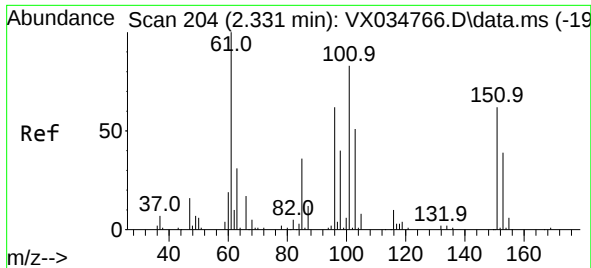


#8
Diethyl Ether
Concen: 21.083 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



Tgt Ion: 74 Resp: 35728
Ion Ratio Lower Upper
74 100
45 107.1 20.5 184.5





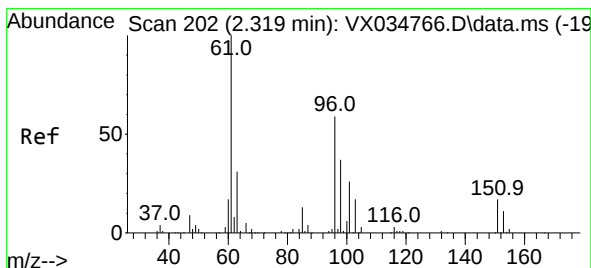
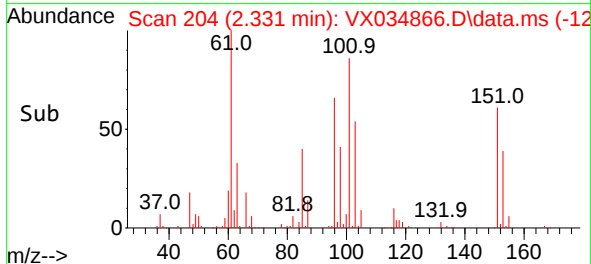
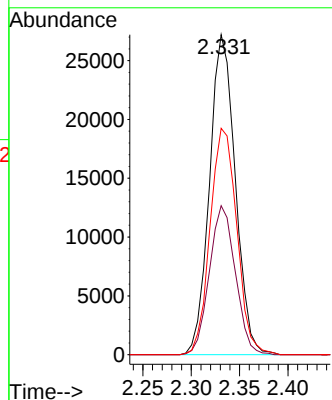
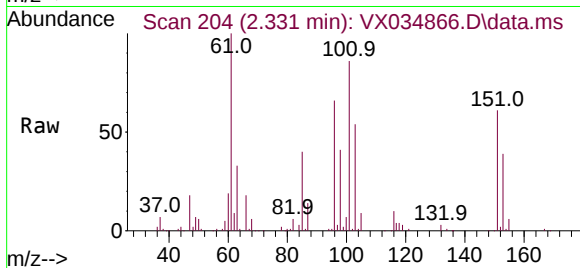
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1,1,2-Trichlorotrifluoroethane
Concen: 21.122 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion:101 Resp: 5044
Ion Ratio Lower Upper
101 100
85 46.9 0.0 88.8
151 73.4 0.0 147.6

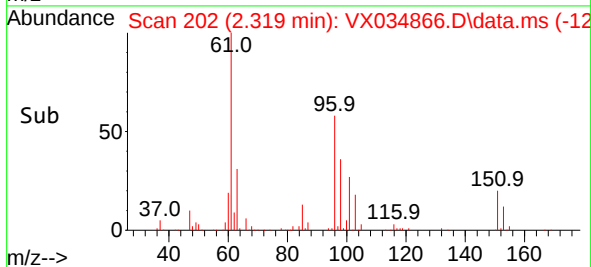
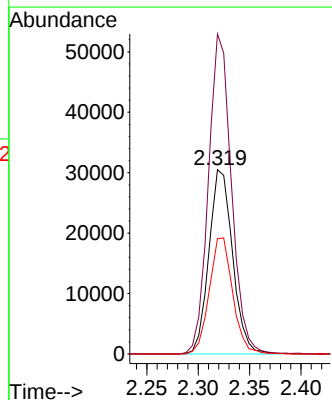
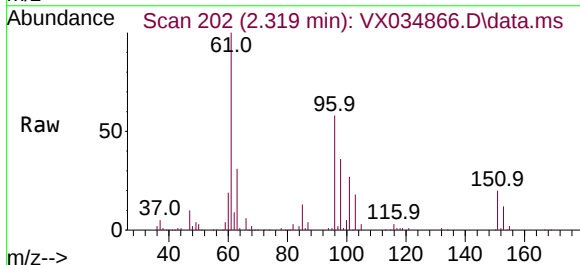
Manual Integrations
APPROVED

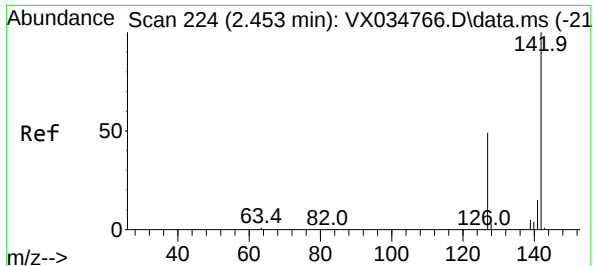
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#10
1,1-Dichloroethene
Concen: 20.240 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

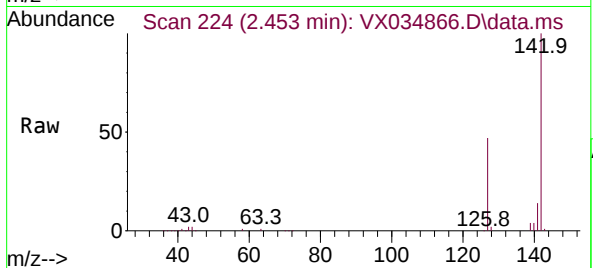
Tgt Ion: 96 Resp: 48930
Ion Ratio Lower Upper
96 100
61 173.6 135.8 203.6
98 62.6 49.8 74.6





#11
Methyl Iodide
Concen: 19.995 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

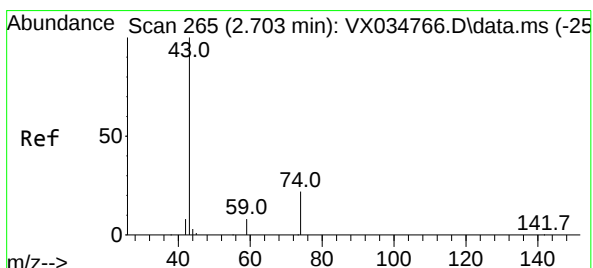
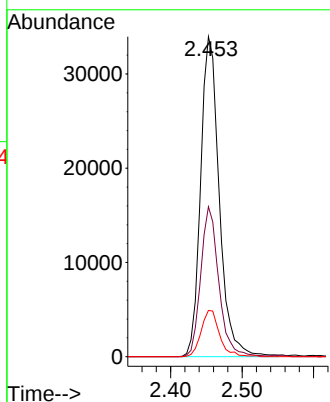
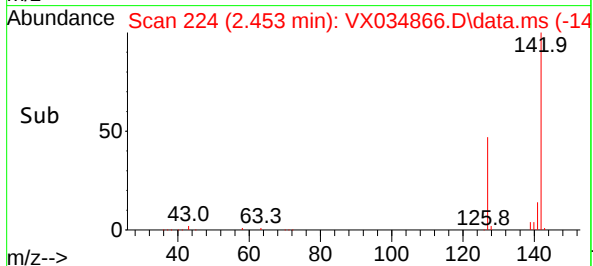
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion:142 Resp: 61558
Ion Ratio Lower Upper
142 100
127 46.8 24.5 73.5
141 14.5 7.6 22.8

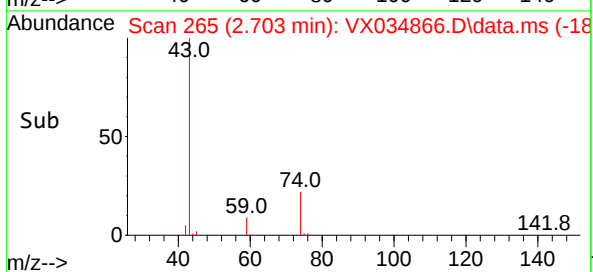
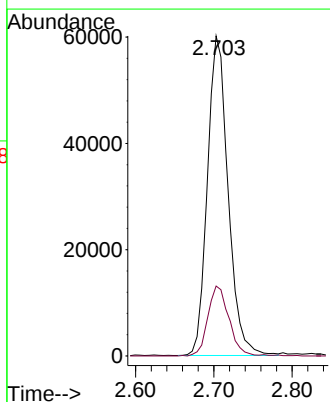
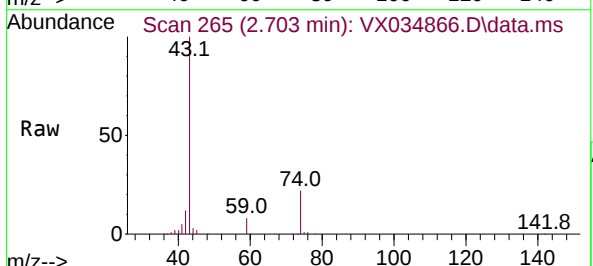
Manual Integrations
APPROVED

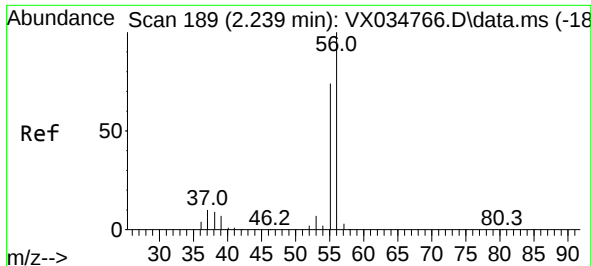
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#12
Methyl Acetate
Concen: 20.605 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 43 Resp: 110312
Ion Ratio Lower Upper
43 100
74 21.8 18.0 27.0





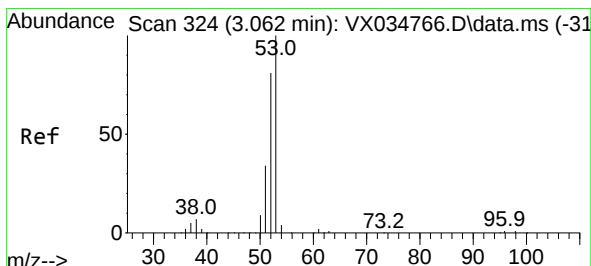
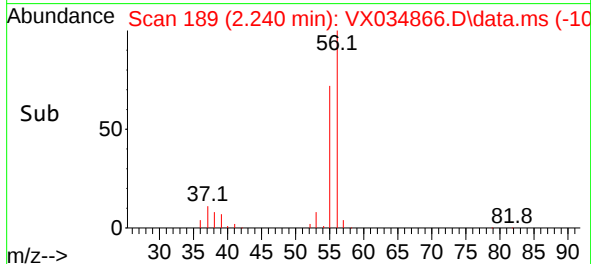
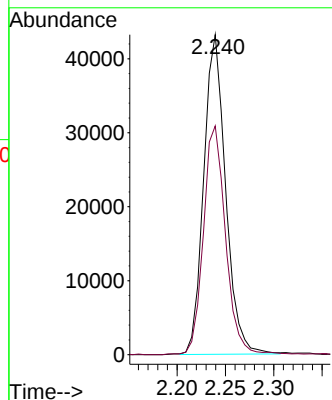
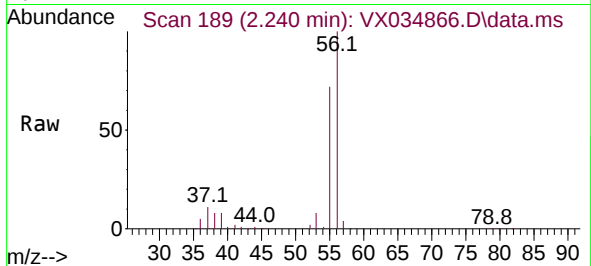
#13
Acrolein
Concen: 109.699 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 56 Resp: 6810
Ion Ratio Lower Upper
56 100
55 72.5 56.6 85.0

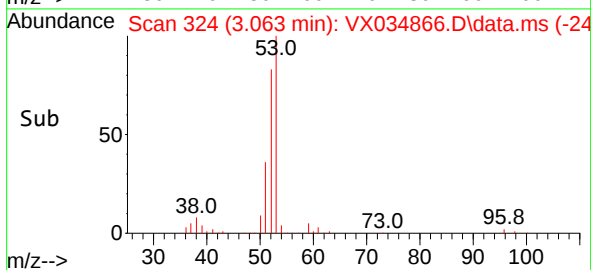
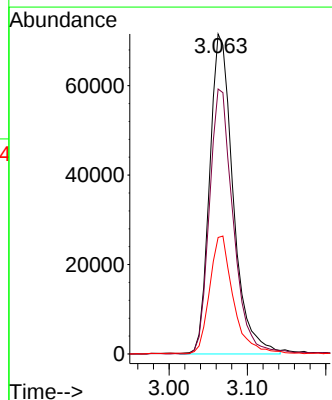
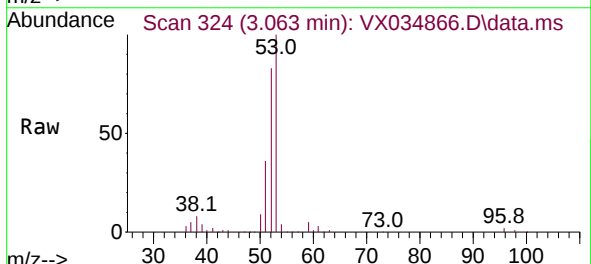
Manual Integrations
APPROVED

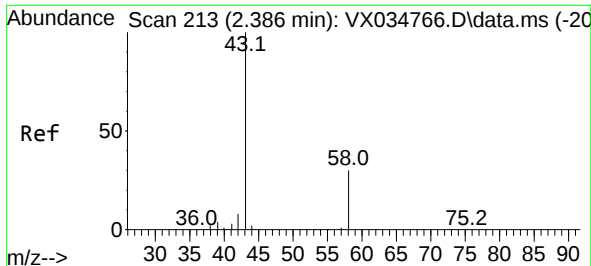
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#14
Acrylonitrile
Concen: 101.420 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

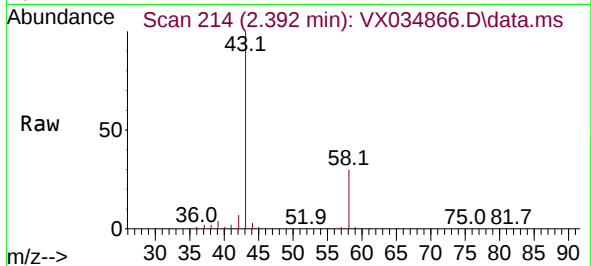
Tgt Ion: 53 Resp: 149512
Ion Ratio Lower Upper
53 100
52 83.6 41.3 123.7
51 37.3 17.9 53.7





#15
Acetone
Concen: 121.641 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

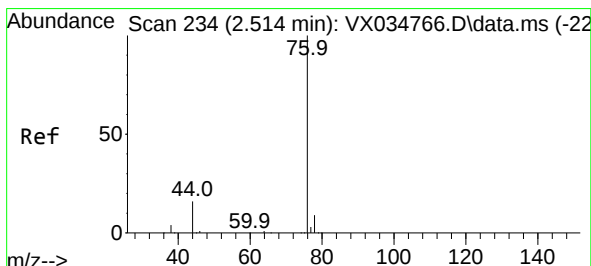
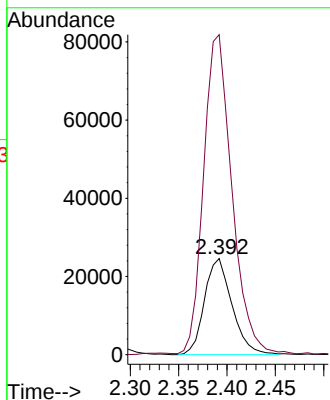
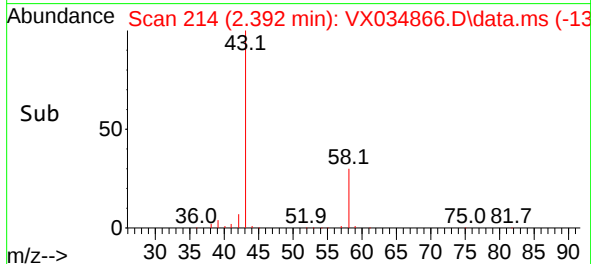
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 58 Resp: 4868
Ion Ratio Lower Upper
58 100
43 331.7 270.8 406.2

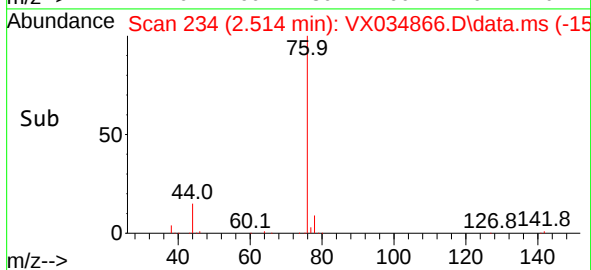
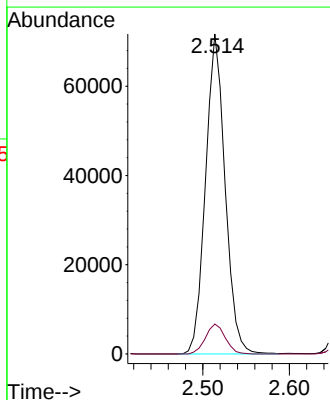
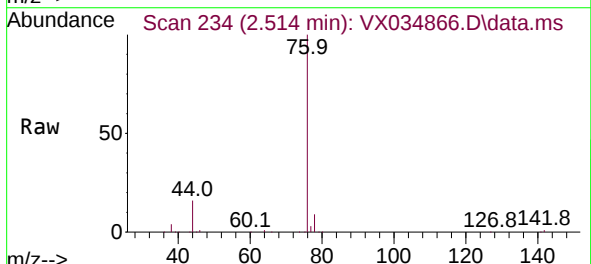
Manual Integrations
APPROVED

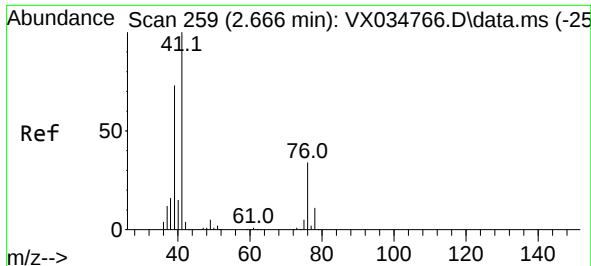
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#16
Carbon Disulfide
Concen: 18.188 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

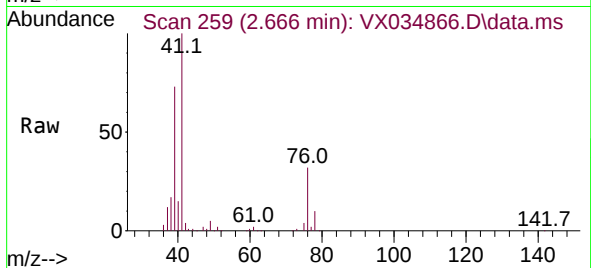
Tgt Ion: 76 Resp: 112466
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





#17
 Allyl chloride
 Concen: 19.998 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034866.D
 Acq: 31 Mar 2023 10:23

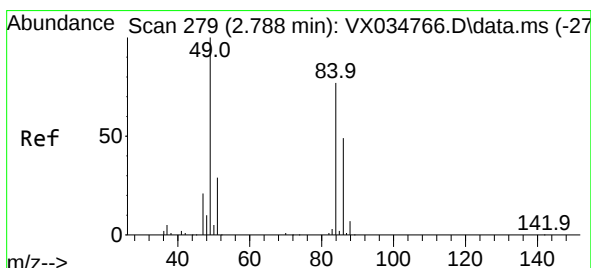
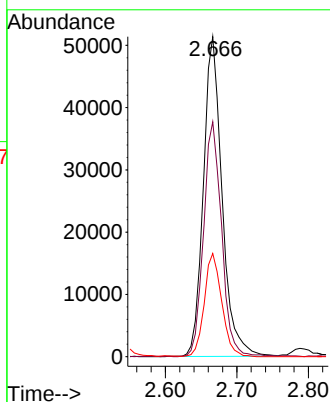
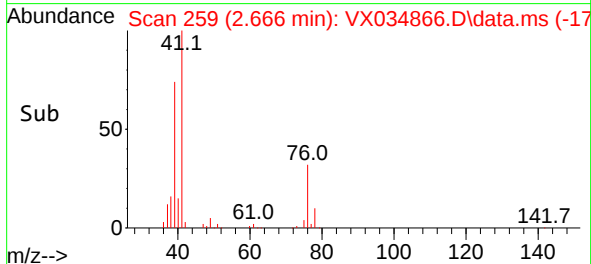
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS01



Tgt Ion: 41 Resp: 93550
 Ion Ratio Lower Upper
 41 100
 39 73.5 36.4 109.3
 76 32.3 17.0 51.0

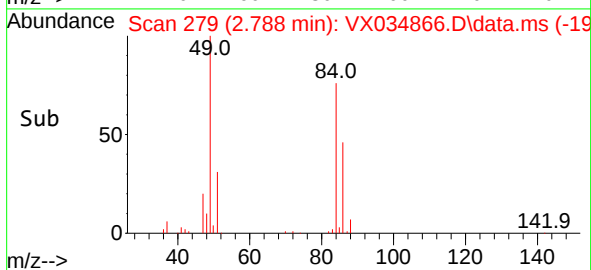
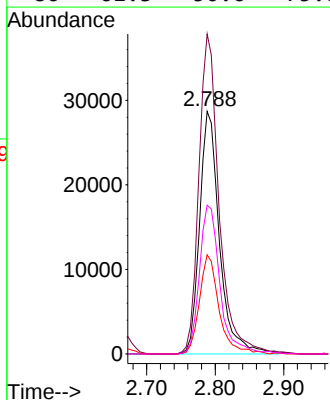
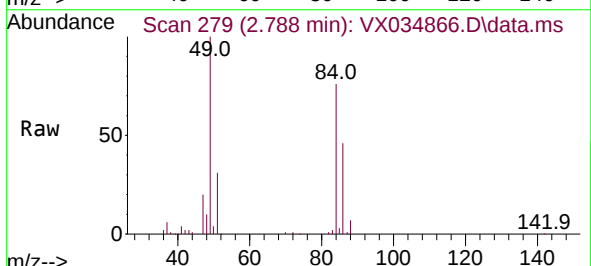
Manual Integrations
 APPROVED

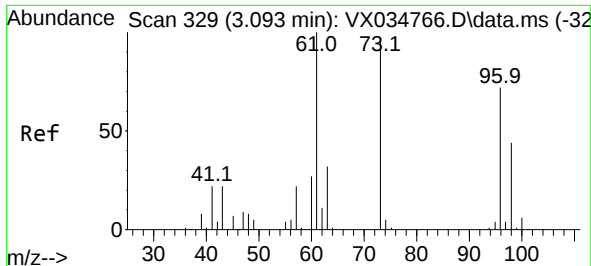
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#18
 Methylene Chloride
 Concen: 20.379 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034866.D
 Acq: 31 Mar 2023 10:23

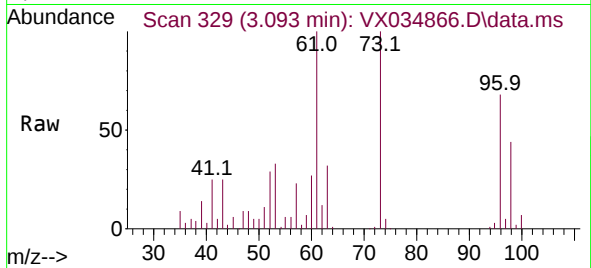
Tgt Ion: 84 Resp: 58035
 Ion Ratio Lower Upper
 84 100
 49 131.7 103.9 155.9
 51 40.9 30.6 45.8
 86 61.3 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 20.027 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

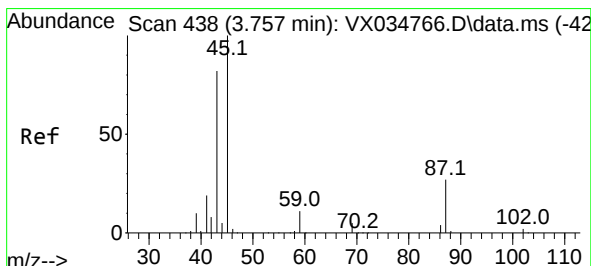
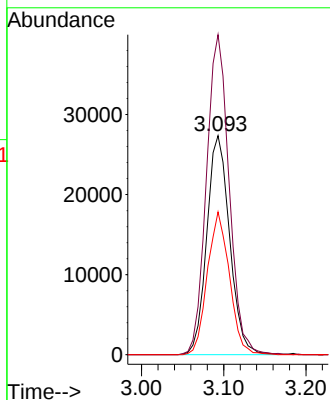
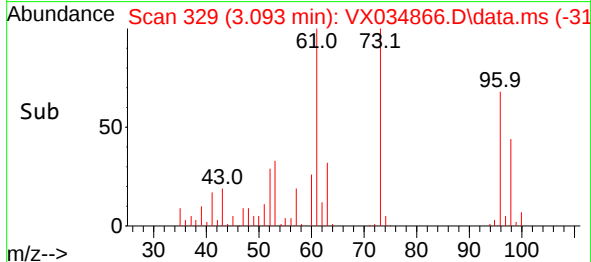
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 96 Resp: 5297
Ion Ratio Lower Upper
96 100
61 146.1 111.1 166.7
98 65.1 48.6 72.8

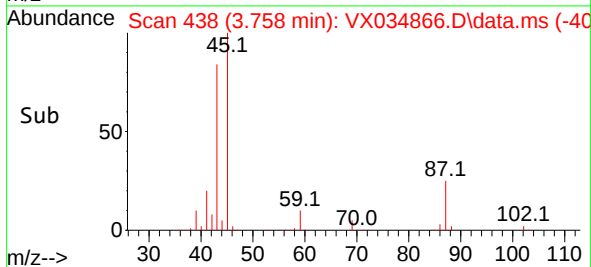
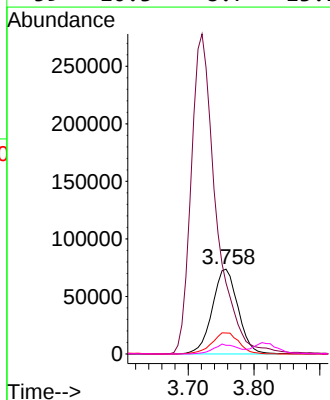
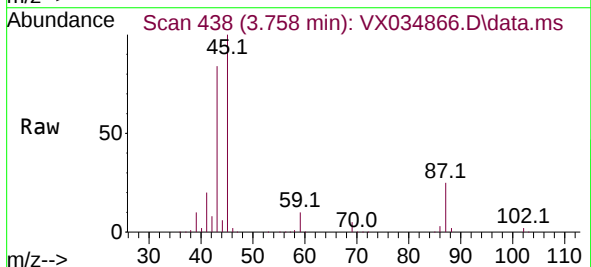
Manual Integrations
APPROVED

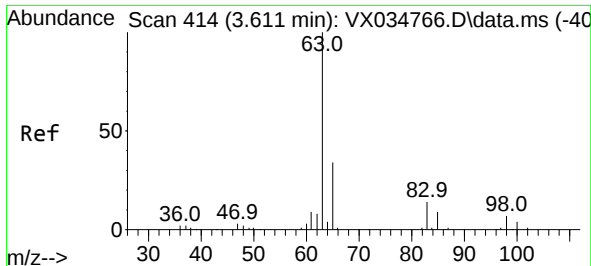
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#20
Diisopropyl ether
Concen: 20.919 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 45 Resp: 200488
Ion Ratio Lower Upper
45 100
43 80.0 66.0 99.0
87 24.7 21.8 32.6
59 10.3 8.7 13.1





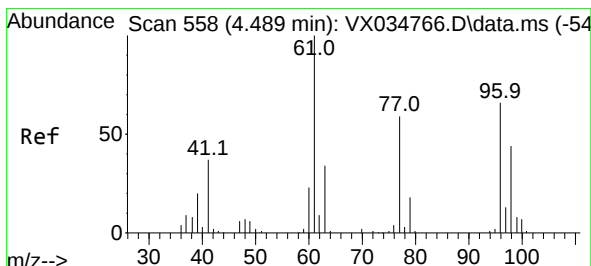
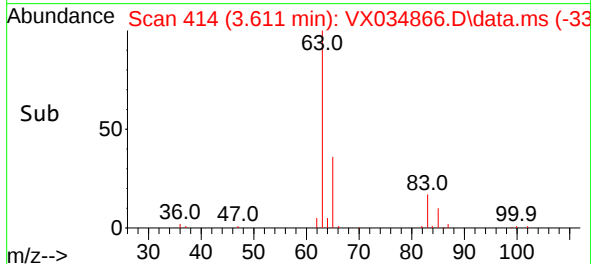
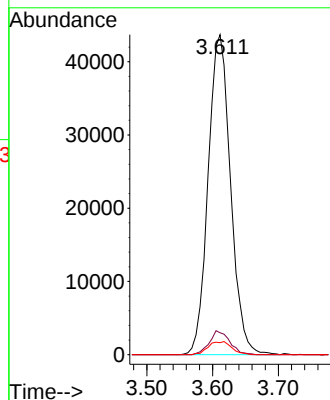
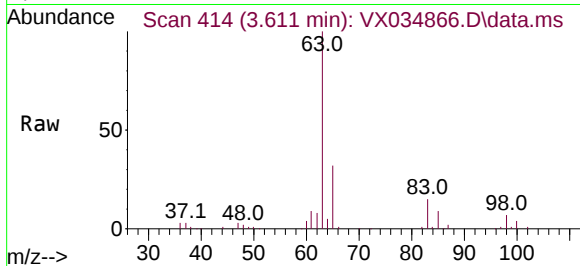
#21
1,1-Dichloroethane
Concen: 20.245 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 63 Resp: 103745
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.6
100 3.8 2.2 6.6

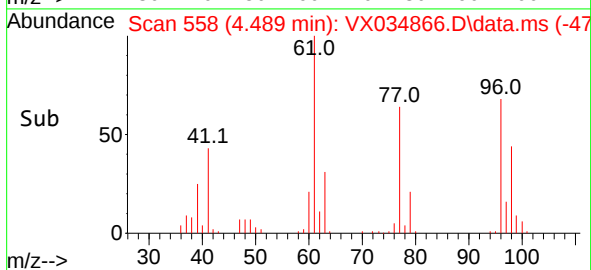
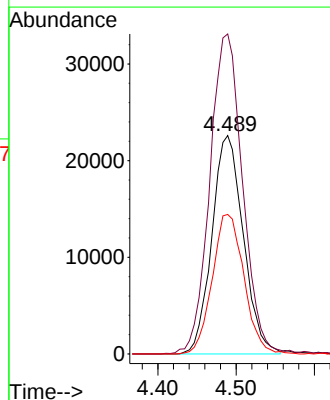
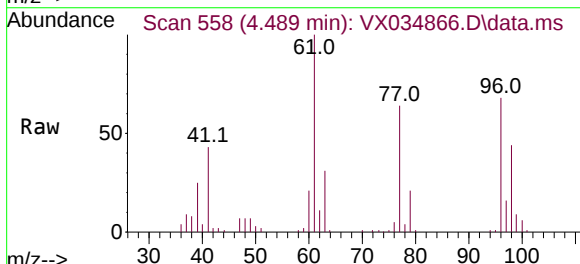
Manual Integrations
APPROVED

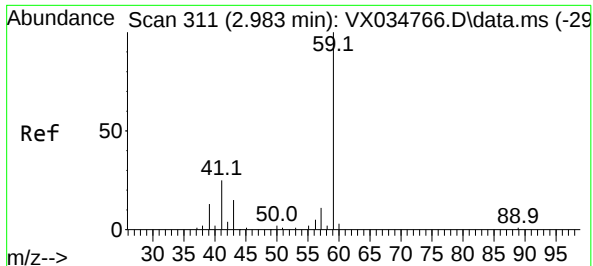
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#22
cis-1,2-Dichloroethene
Concen: 20.426 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 96 Resp: 62932
Ion Ratio Lower Upper
96 100
61 152.4 121.7 182.5
98 64.5 52.2 78.2





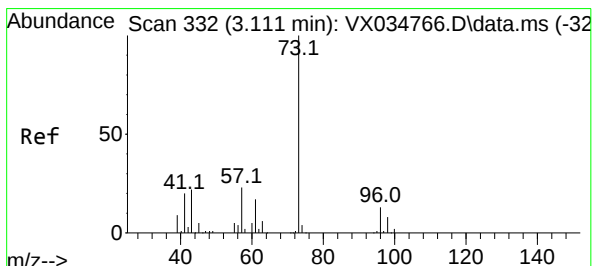
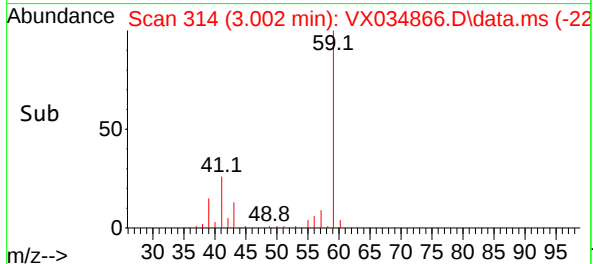
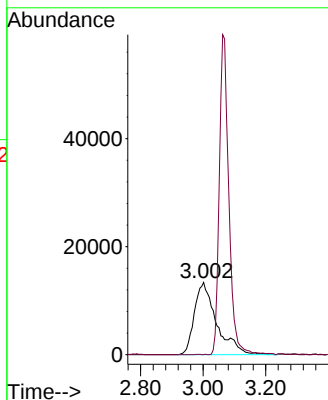
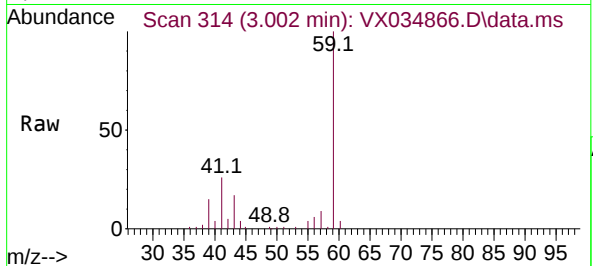
#23
tert-Butyl Alcohol
Concen: 99.837 ug/l m
RT: 3.002 min Scan# 311
Delta R.T. 0.019 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 59 Resp: 66220
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.4

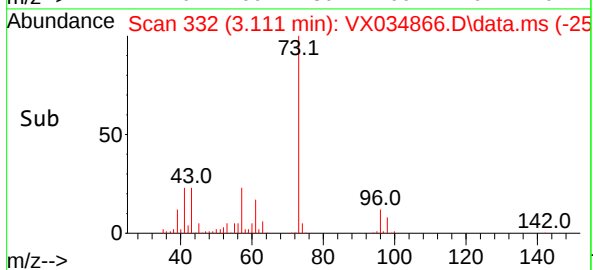
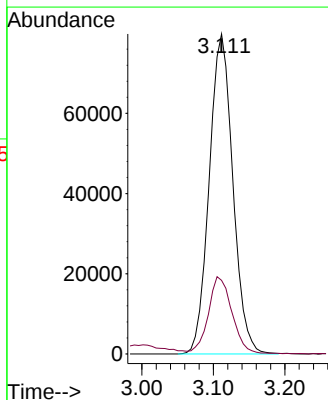
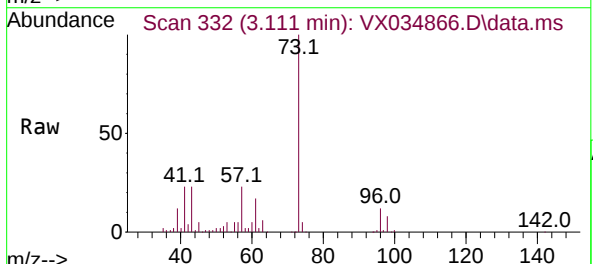
Manual Integrations
APPROVED

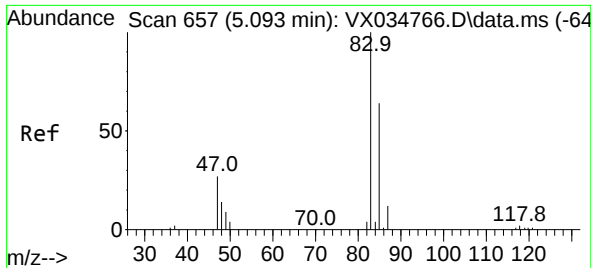
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#24
Methyl tert-Butyl Ether
Concen: 20.374 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 73 Resp: 183024
Ion Ratio Lower Upper
73 100
43 23.7 17.9 26.9





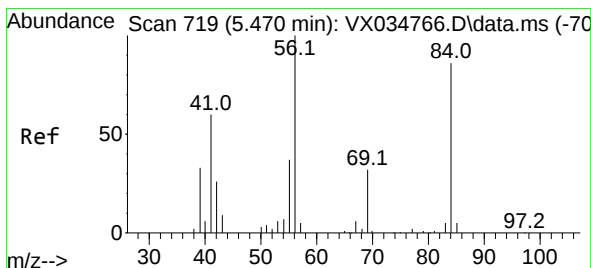
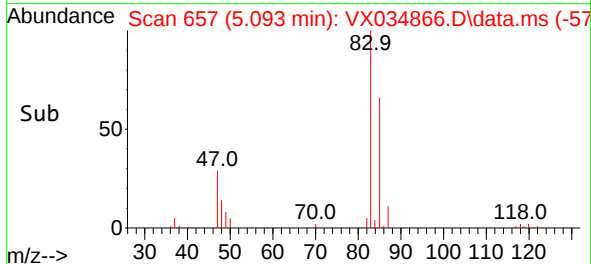
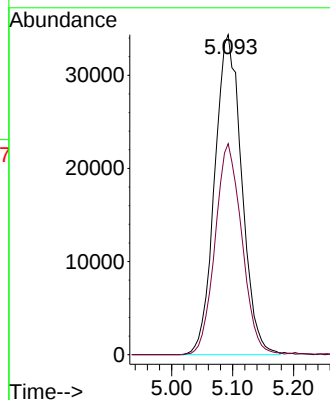
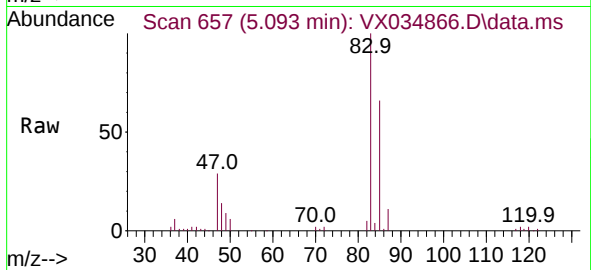
#25
Chloroform
Concen: 20.336 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 83 Resp: 10599
Ion Ratio Lower Upper
83 100
85 65.9 51.2 76.8

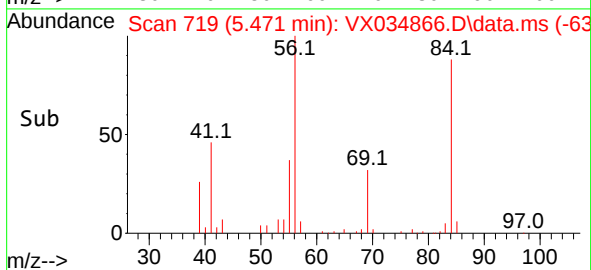
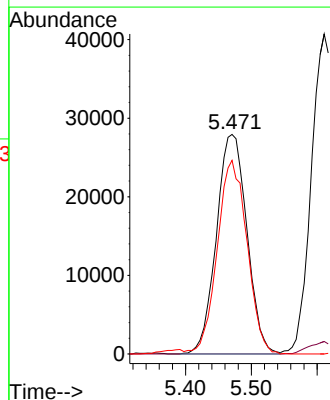
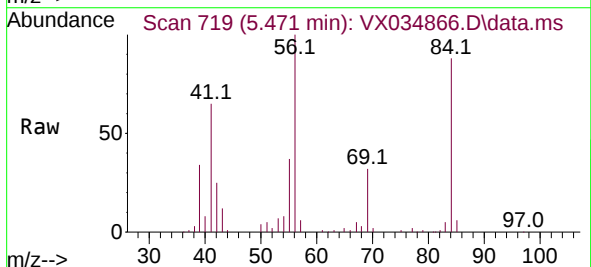
Manual Integrations
APPROVED

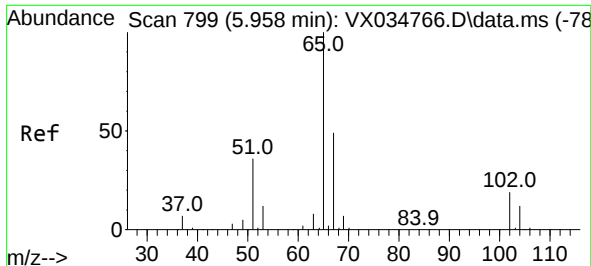
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#26
Cyclohexane
Concen: 20.066 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 56 Resp: 90112
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 67.4 101.2





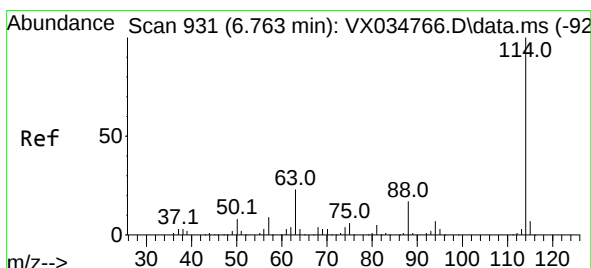
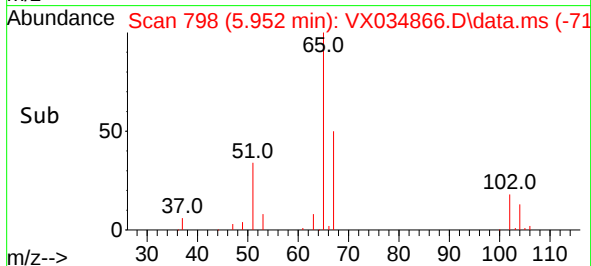
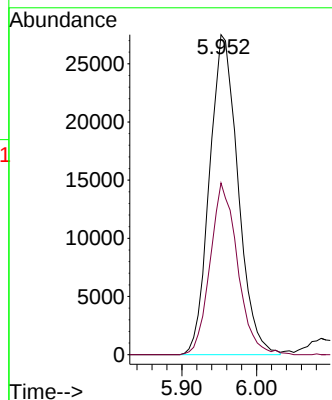
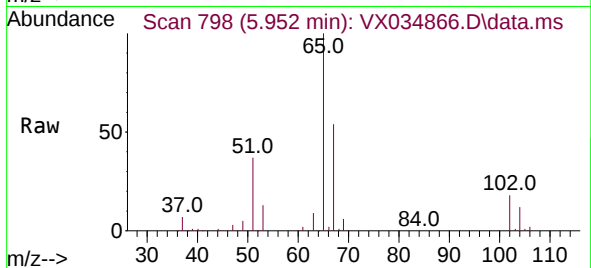
#27
1,2-Dichloroethane-d4
Concen: 31.182 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 65 Resp: 72970
Ion Ratio Lower Upper
65 100
67 51.2 40.9 61.3

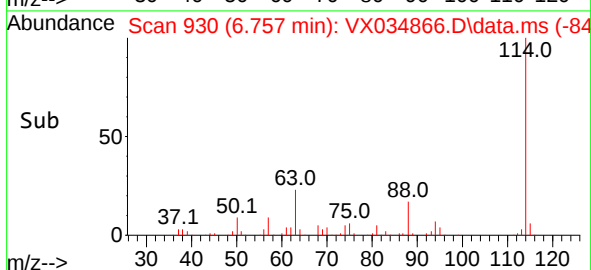
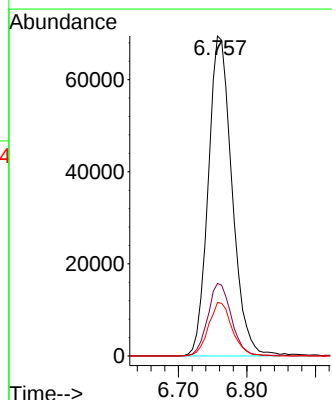
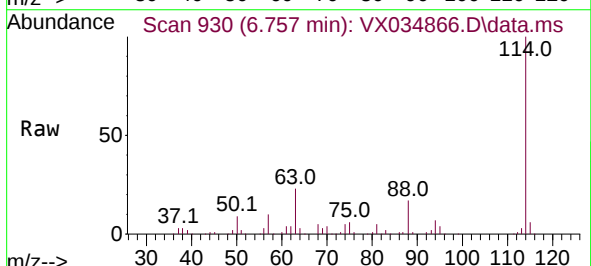
Manual Integrations
APPROVED

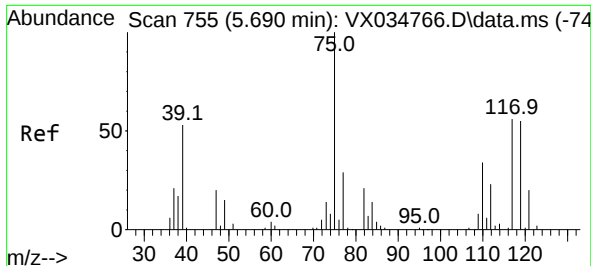
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion:114 Resp: 168005
Ion Ratio Lower Upper
114 100
63 22.4 18.0 27.0
88 16.6 13.3 19.9





#29

1,1-Dichloropropene

Concen: 19.799 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

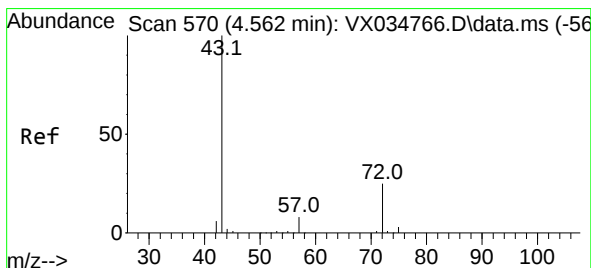
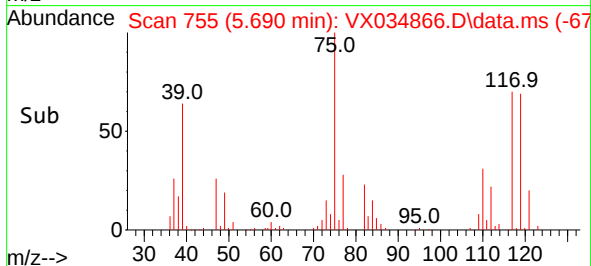
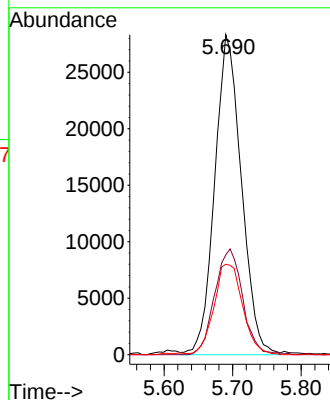
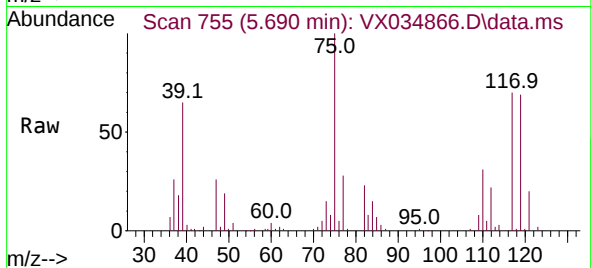
Tgt Ion: 75	Resp: 7650
Ion Ratio	Lower Upper
75 100	
110 34.5	0.0 71.4
77 30.5	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#30

2-Butanone

Concen: 108.674 ug/l

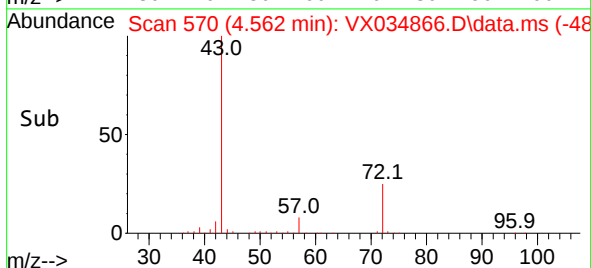
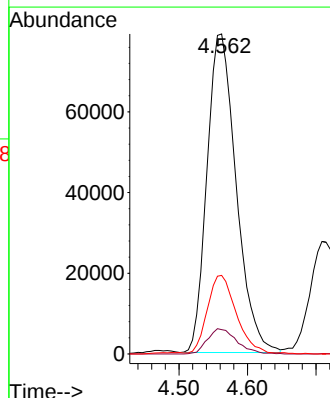
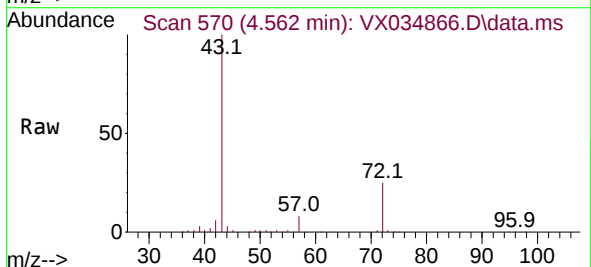
RT: 4.562 min Scan# 570

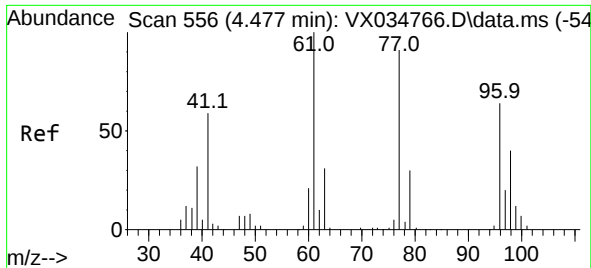
Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

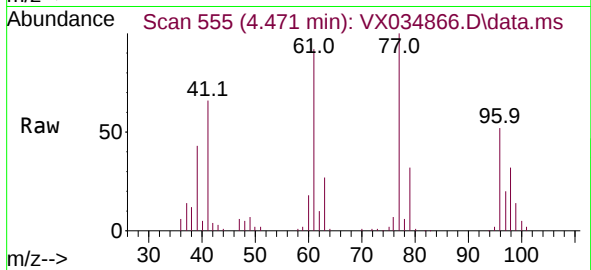
Tgt Ion: 43	Resp: 234186
Ion Ratio	Lower Upper
43 100	
57 7.9	6.3 9.5
72 24.4	19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.771 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

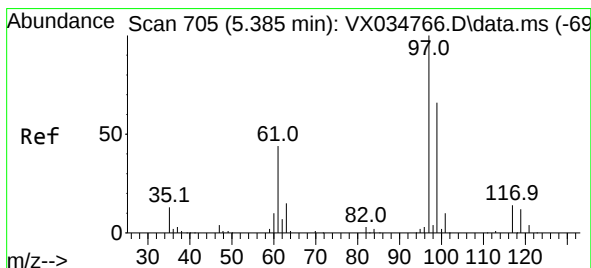
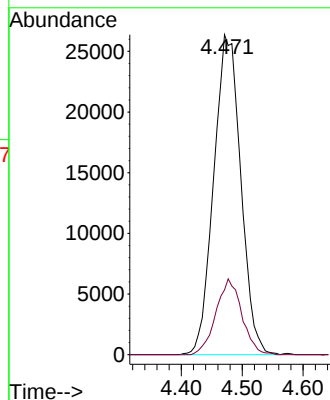
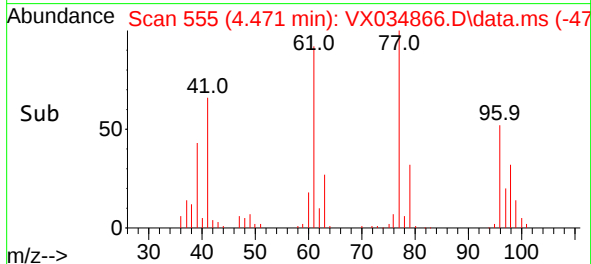
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 77 Resp: 8139
Ion Ratio Lower Upper
77 100
97 22.6 18.2 27.4

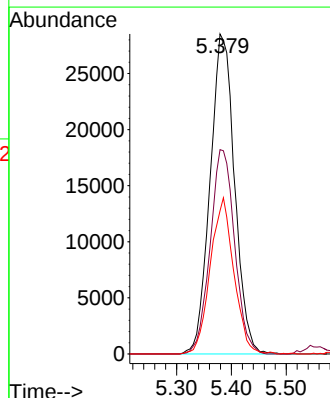
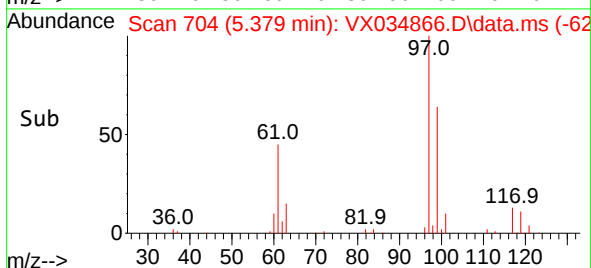
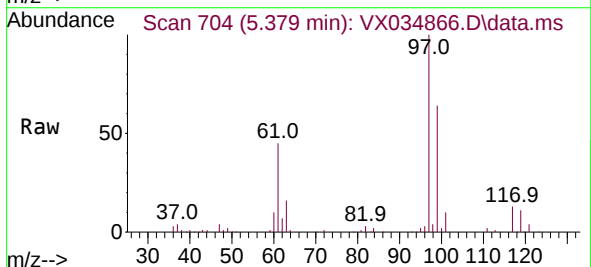
Manual Integrations
APPROVED

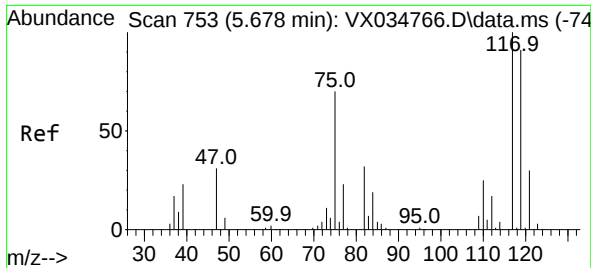
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#32
1,1,1-Trichloroethane
Concen: 19.498 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

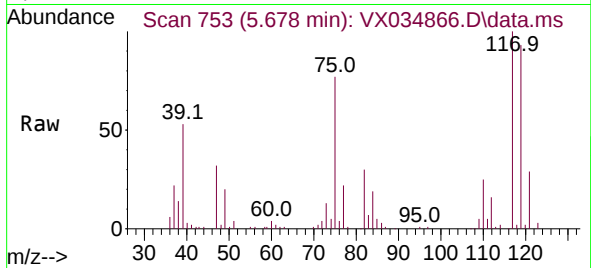
Tgt Ion: 97 Resp: 88387
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 46.9 36.6 55.0





#33
Carbon Tetrachloride
Concen: 19.329 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

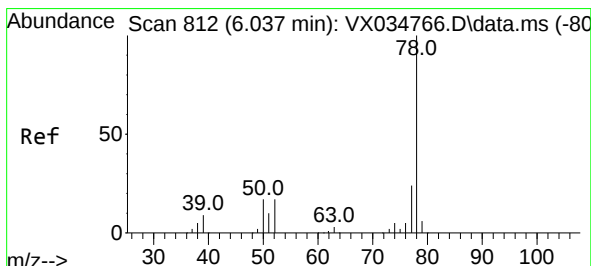
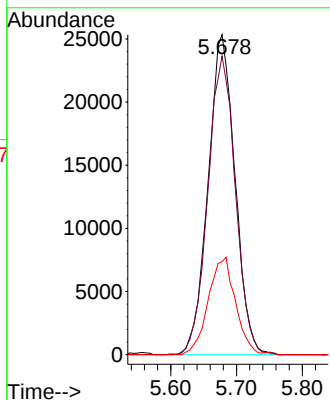
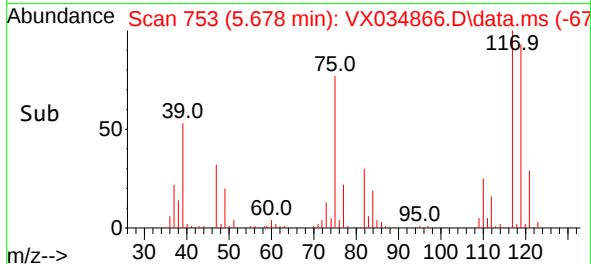
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



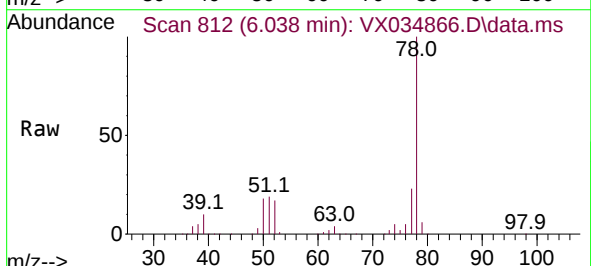
Tgt Ion:117 Resp: 72314
Ion Ratio Lower Upper
117 100
119 93.3 73.3 109.9
121 29.1 24.0 36.0

Manual Integrations
APPROVED

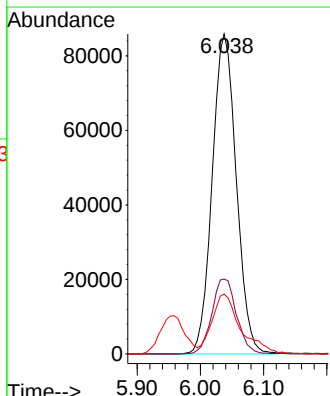
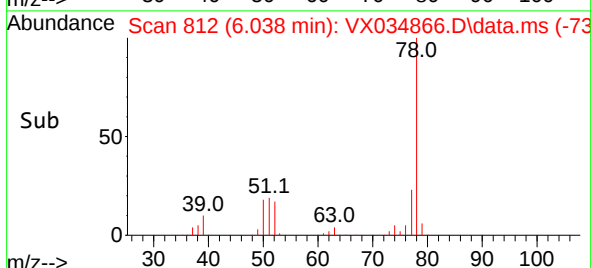
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

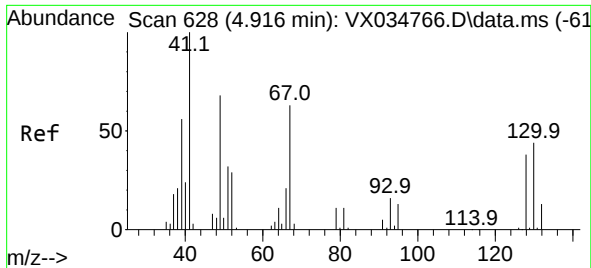


#34
Benzene
Concen: 20.189 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



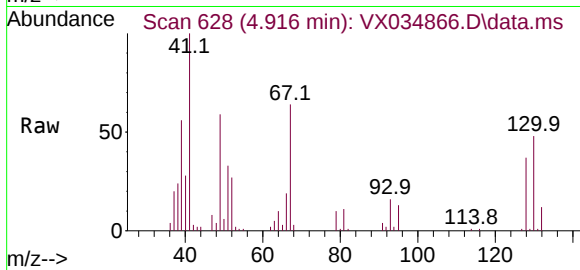
Tgt Ion: 78 Resp: 226708
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4
51 18.2 14.6 21.8





#35
Methacrylonitrile
Concen: 20.418 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

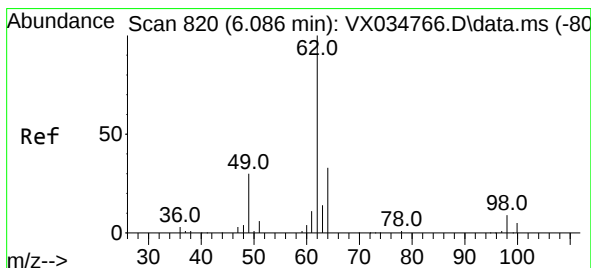
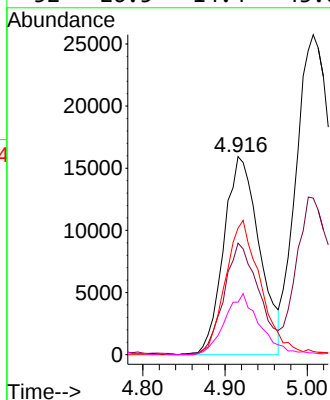
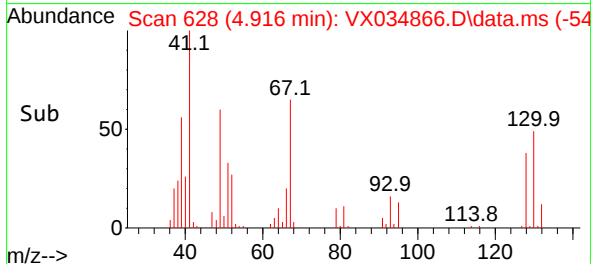
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 41 Resp: 4815
Ion Ratio Lower Upper
41 100
39 56.3 28.0 84.0
67 63.9 31.6 94.7
52 26.5 14.4 43.0

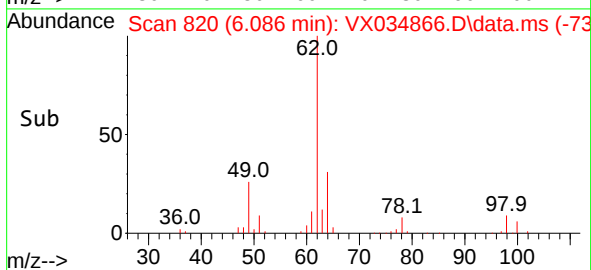
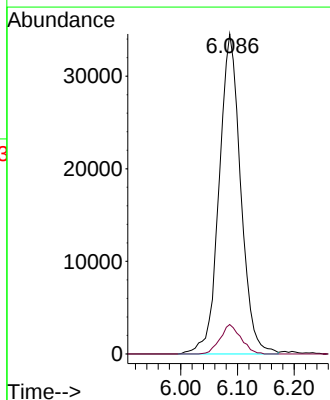
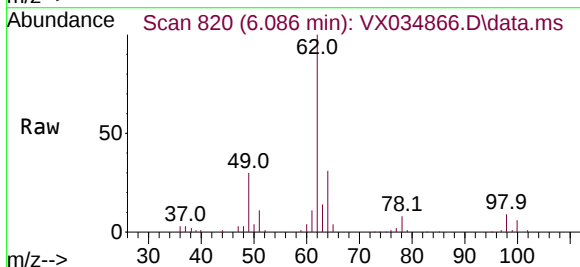
Manual Integrations
APPROVED

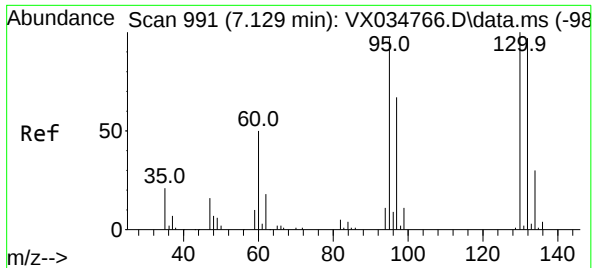
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#36
1,2-Dichloroethane
Concen: 20.763 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

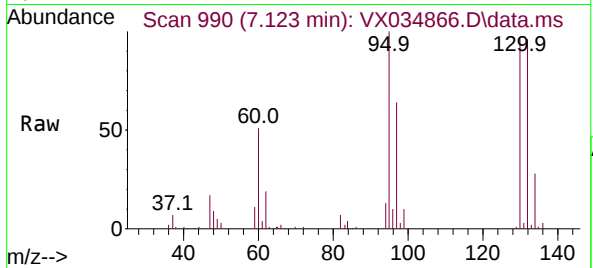
Tgt Ion: 62 Resp: 91414
Ion Ratio Lower Upper
62 100
98 8.9 7.0 10.6





#37
Trichloroethene
Concen: 19.786 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

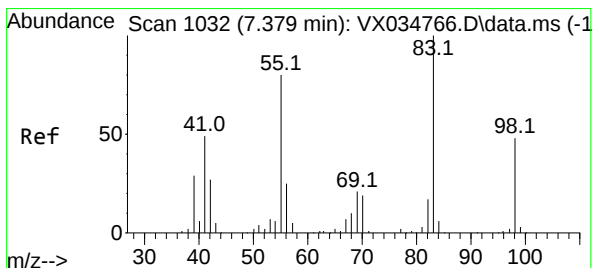
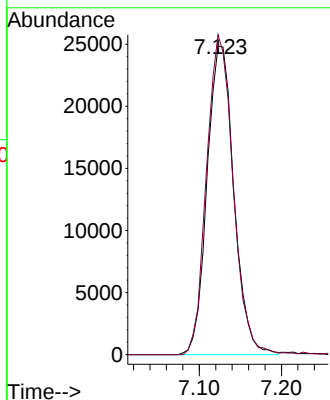
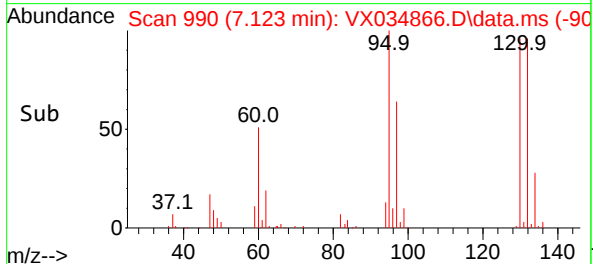
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



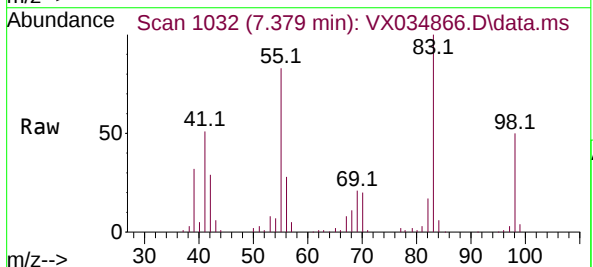
Tgt Ion:130 Resp: 56544
Ion Ratio Lower Upper
130 100
95 103.7 77.8 116.6

Manual Integrations
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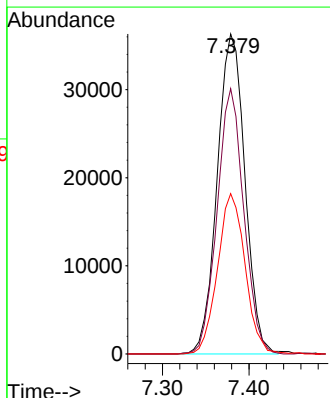
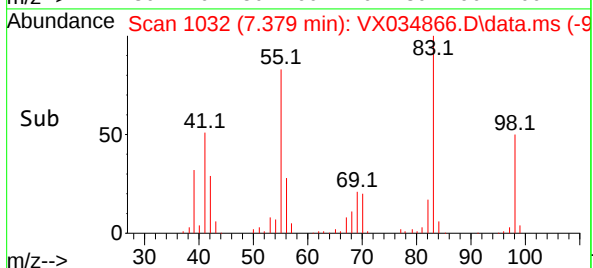
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

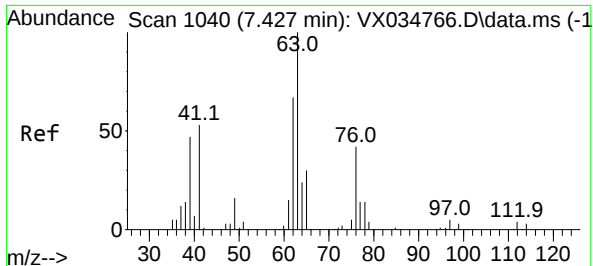


#38
Methylcyclohexane
Concen: 19.125 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



Tgt Ion: 83 Resp: 80739
Ion Ratio Lower Upper
83 100
55 79.9 38.8 116.4
98 49.8 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.402 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

Tgt Ion: 63 Resp: 5955

Ion Ratio Lower Upper

63 100

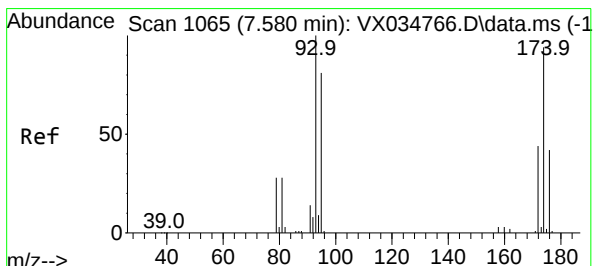
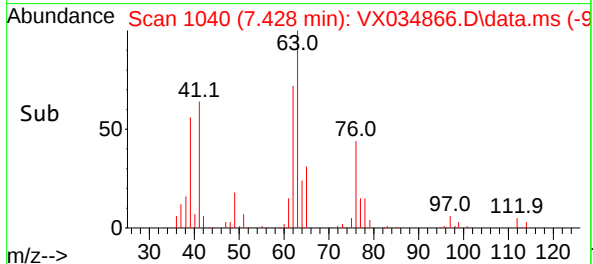
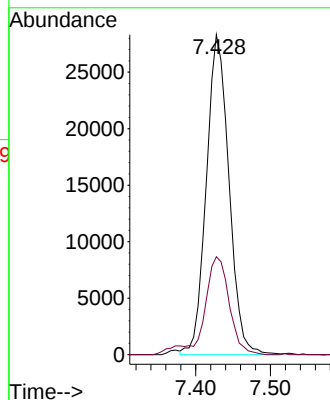
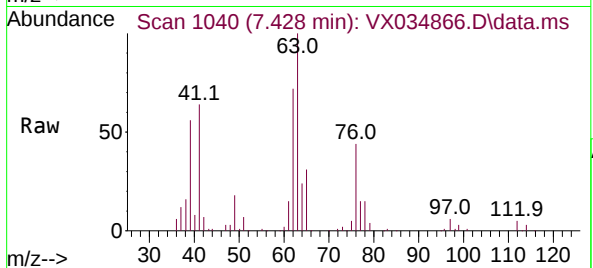
65 30.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#40

Dibromomethane

Concen: 20.626 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

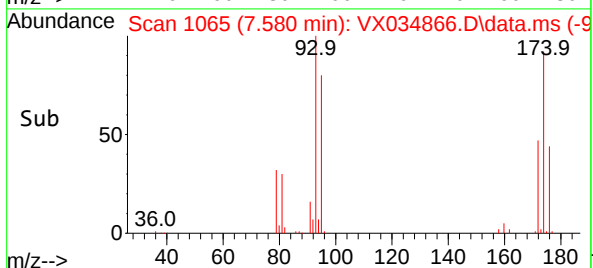
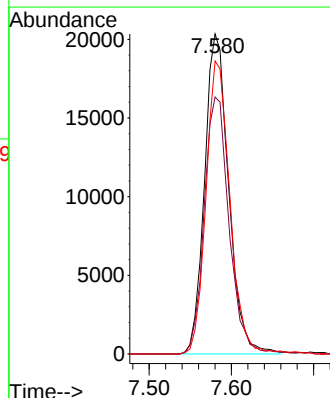
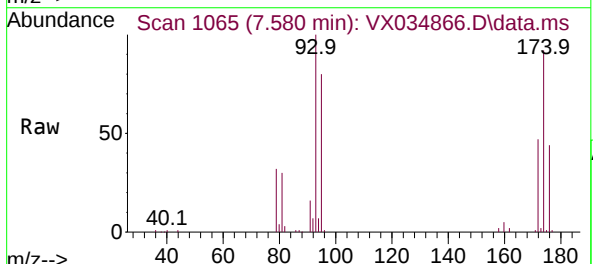
Tgt Ion: 93 Resp: 41357

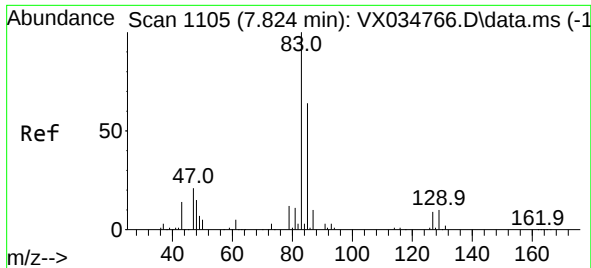
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.8

174 91.0 0.0 188.8





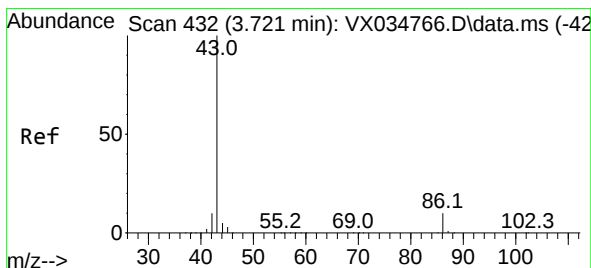
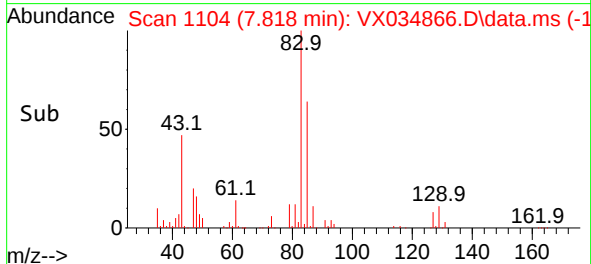
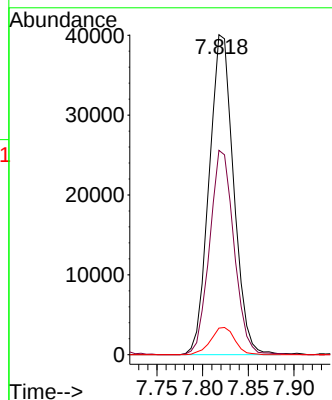
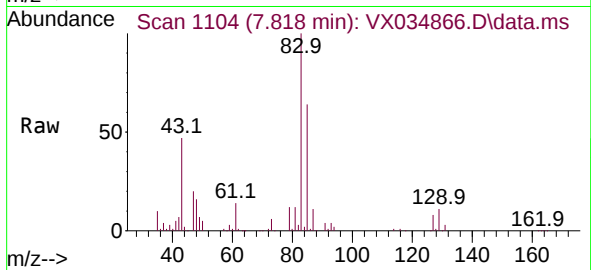
#41
Bromodichloromethane
Concen: 19.792 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 83 Resp: 7475
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.3 8.2 12.4

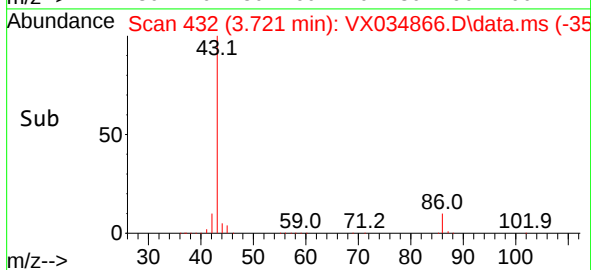
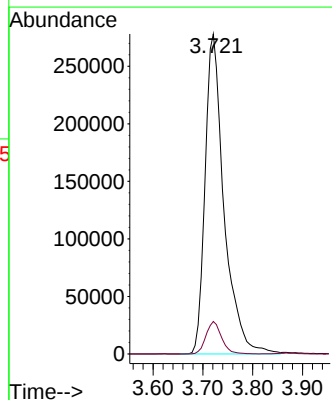
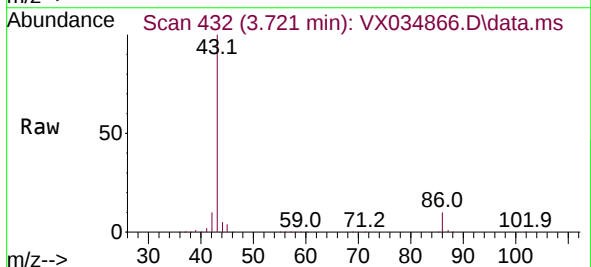
Manual Integrations
APPROVED

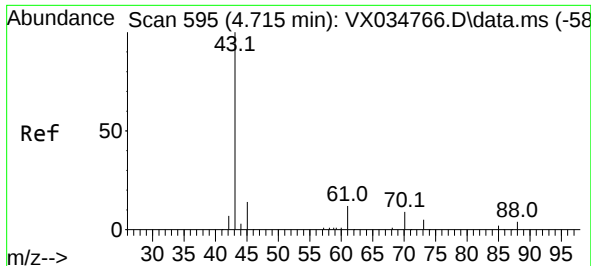
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#42
Vinyl Acetate
Concen: 104.406 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 43 Resp: 734002
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





#43

Ethyl Acetate

Concen: 20.747 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

Tgt Ion: 43 Resp: 8671

Ion Ratio Lower Upper

43 100

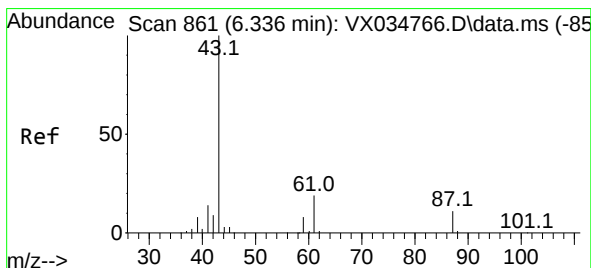
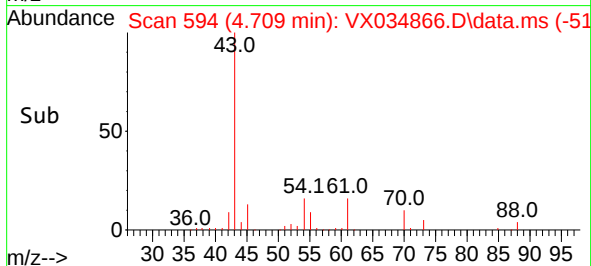
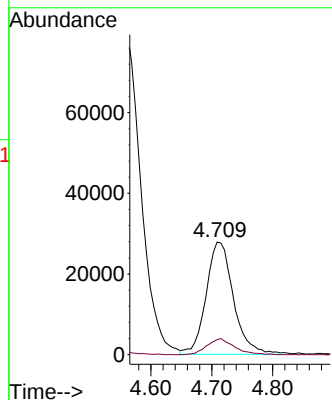
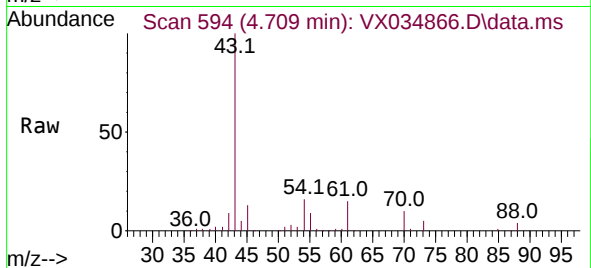
45 14.1 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#44

Isopropyl Acetate

Concen: 19.947 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034866.D

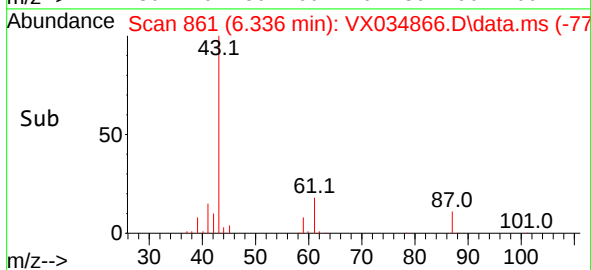
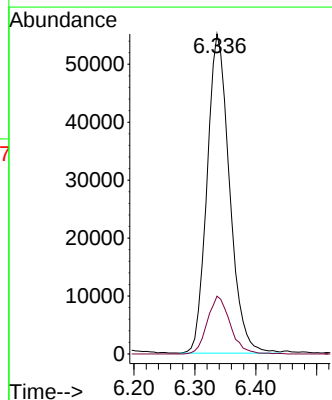
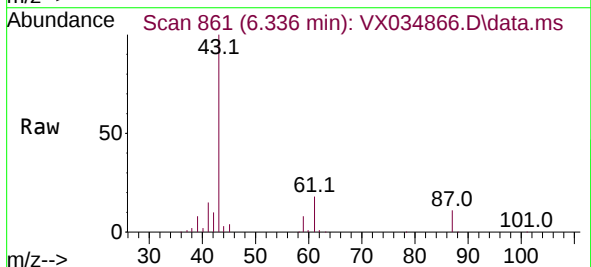
Acq: 31 Mar 2023 10:23

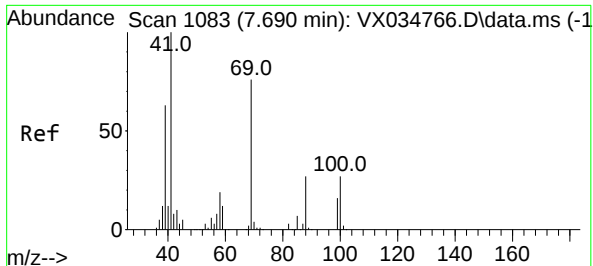
Tgt Ion: 43 Resp: 141122

Ion Ratio Lower Upper

43 100

61 18.4 15.4 23.0





#45

1,4-Dioxane

Concen: 409.036 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.018 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

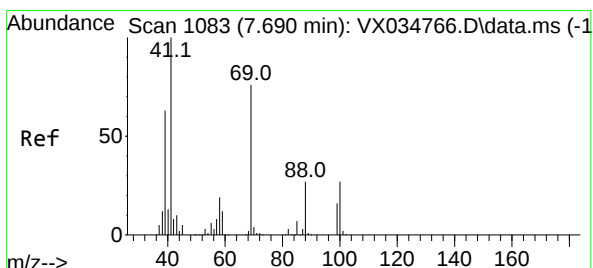
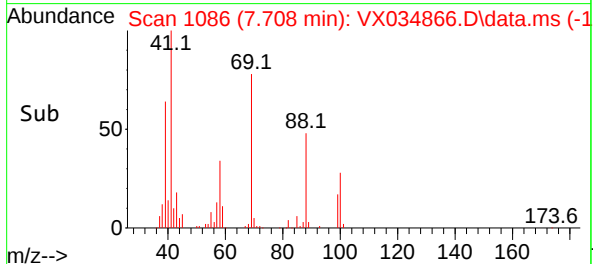
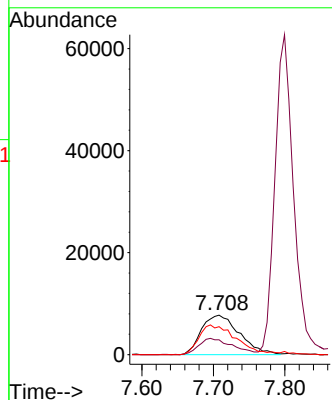
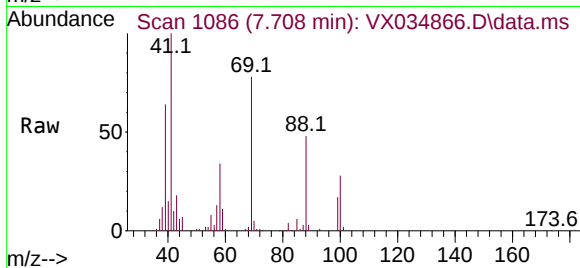
Tgt Ion: 88	Resp: 2867
Ion Ratio	Lower Upper
88 100	
43 36.9	26.5 39.7
58 72.2	55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#46

Methyl methacrylate

Concen: 19.986 ug/l

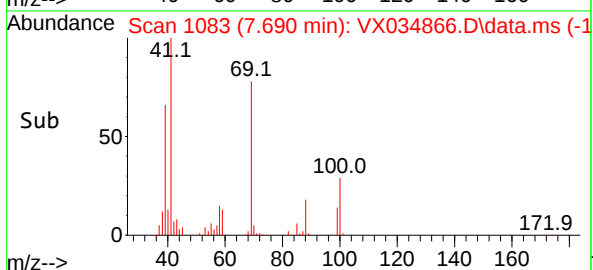
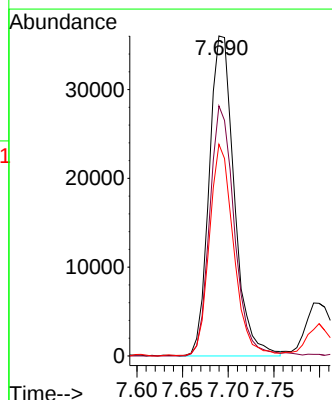
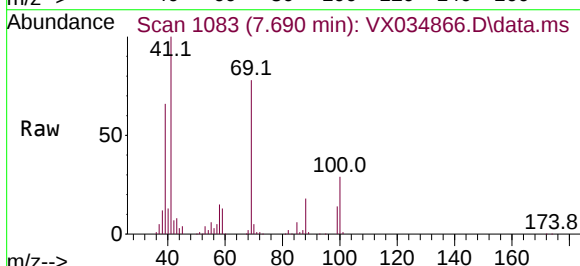
RT: 7.690 min Scan# 1083

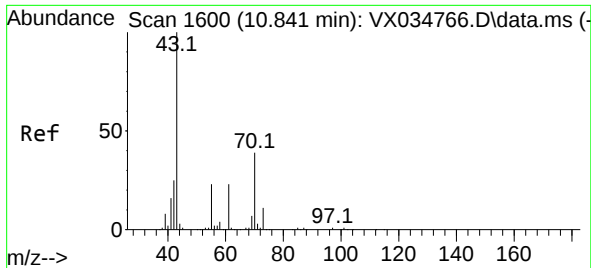
Delta R.T. -0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

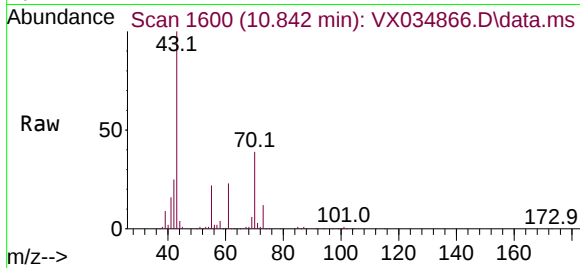
Tgt Ion: 41	Resp: 68896
Ion Ratio	Lower Upper
41 100	
69 78.2	38.1 114.5
39 65.9	31.4 94.3





#47
n-amy1 Acetate
Concen: 19.720 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

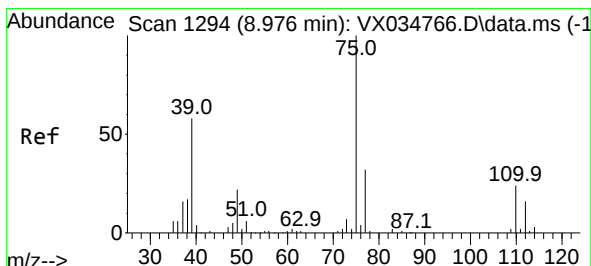
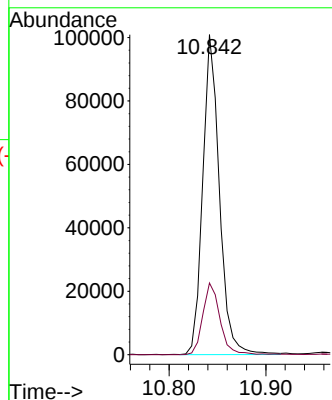
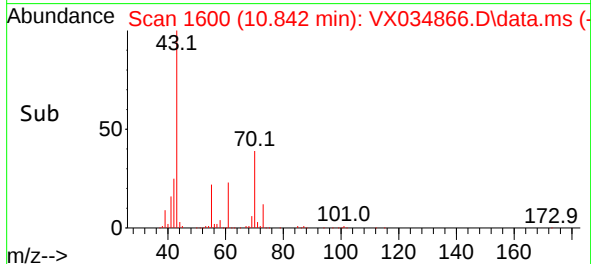
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 43 Resp: 121299
Ion Ratio Lower Upper
43 100
55 22.9 18.6 28.0

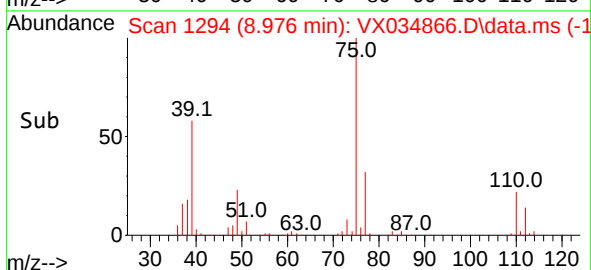
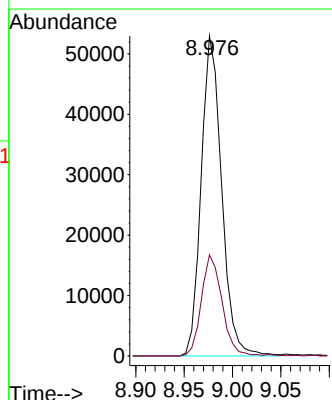
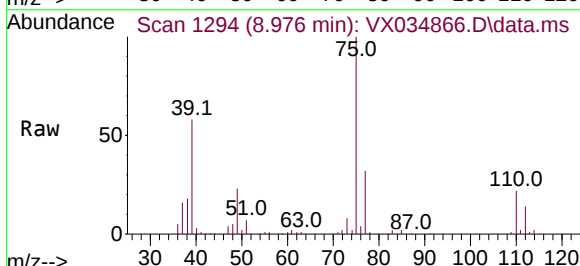
Manual Integrations
APPROVED

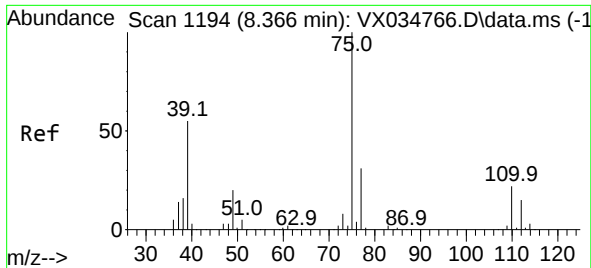
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#48
t-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 75 Resp: 78301
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.574 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

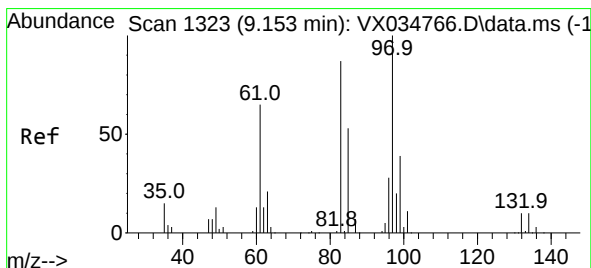
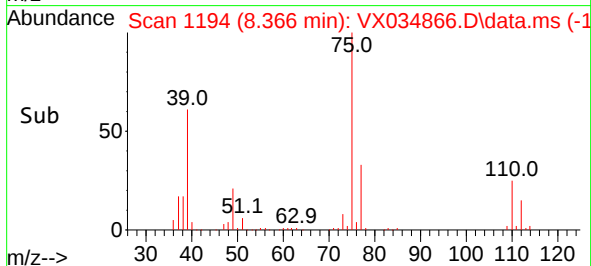
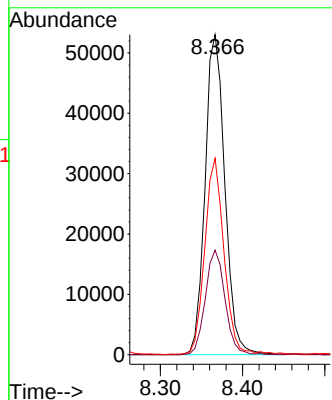
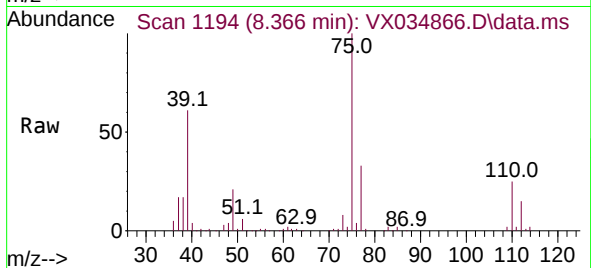
Tgt Ion:	75	Resp:	88494
Ion Ratio	Lower	Upper	
75	100		
77	32.6	24.6	37.0
39	61.1	44.2	66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#50

1,1,2-Trichloroethane

Concen: 20.614 ug/l

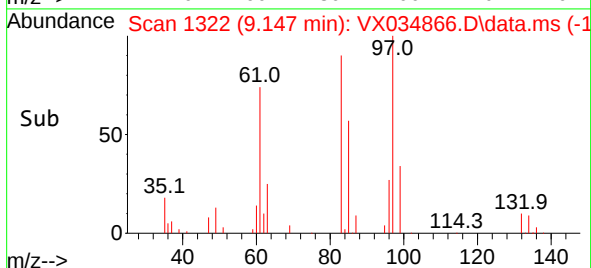
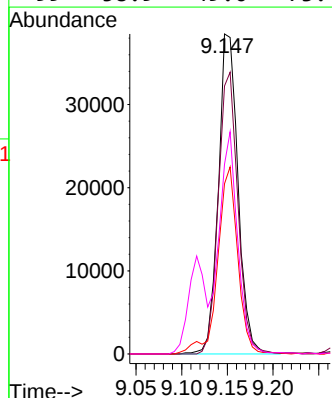
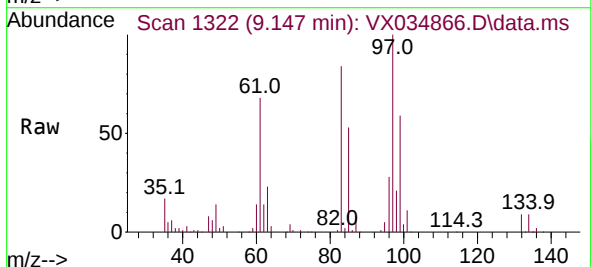
RT: 9.147 min Scan# 1322

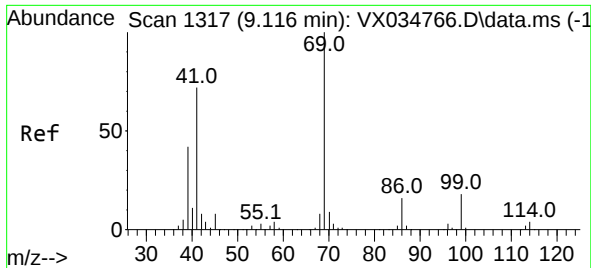
Delta R.T. -0.006 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Tgt Ion:	97	Resp:	57584
Ion Ratio	Lower	Upper	
97	100		
83	83.8	68.9	103.3
85	52.9	44.0	66.0
99	58.9	49.0	73.4





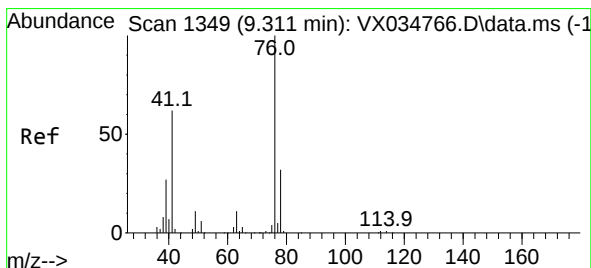
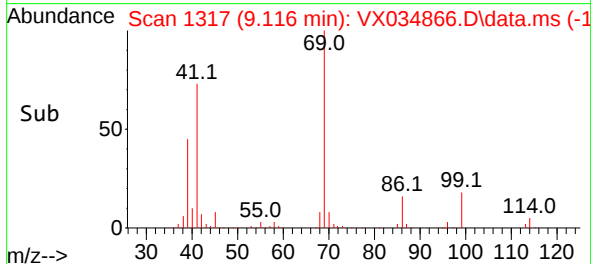
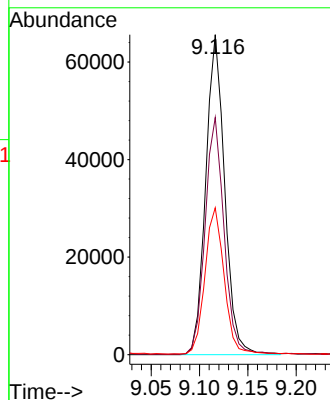
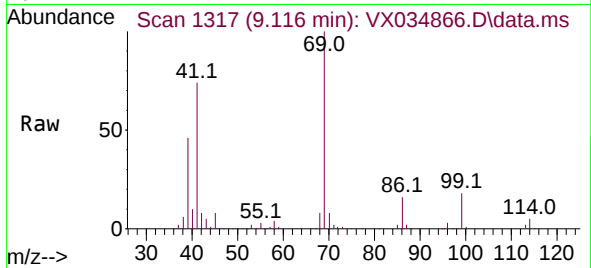
#51
Ethyl methacrylate
Concen: 19.772 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 69 Resp: 8964
Ion Ratio Lower Upper
69 100
41 74.0 36.2 108.6
39 45.7 21.2 63.6

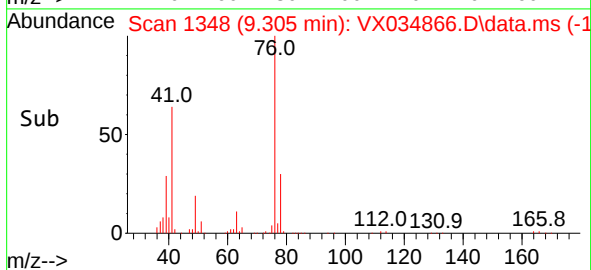
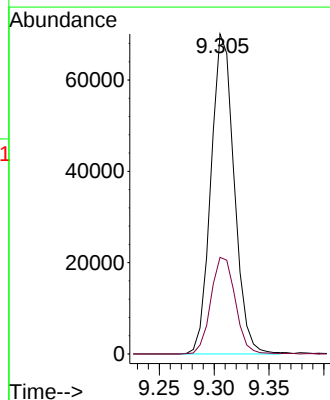
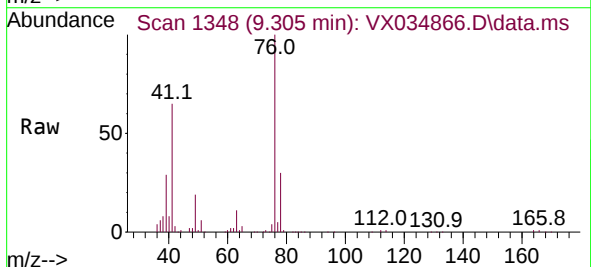
Manual Integrations
APPROVED

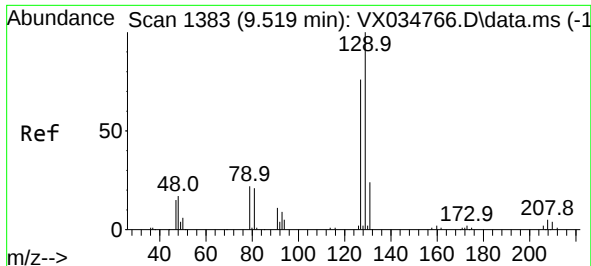
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#52
1,3-Dichloropropane
Concen: 20.912 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 76 Resp: 103188
Ion Ratio Lower Upper
76 100
78 31.5 0.0 63.8





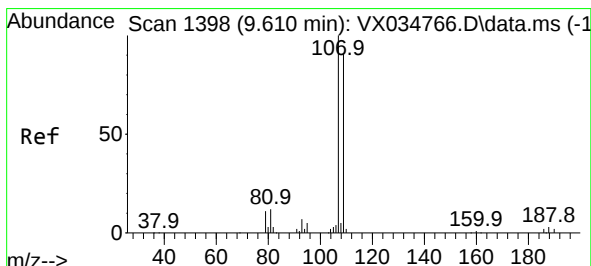
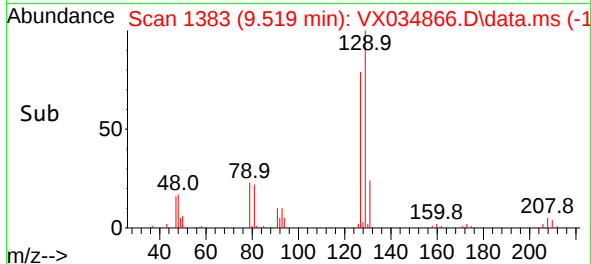
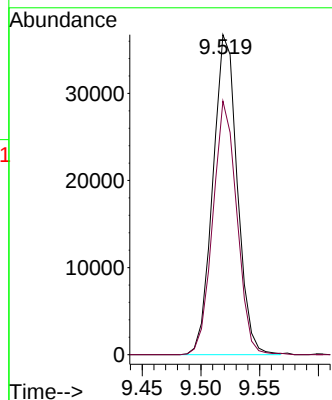
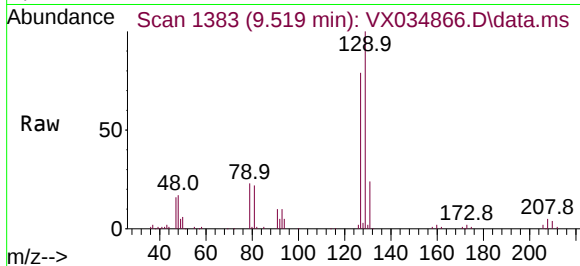
#53
Dibromochloromethane
Concen: 19.185 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion:129 Resp: 5301
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5

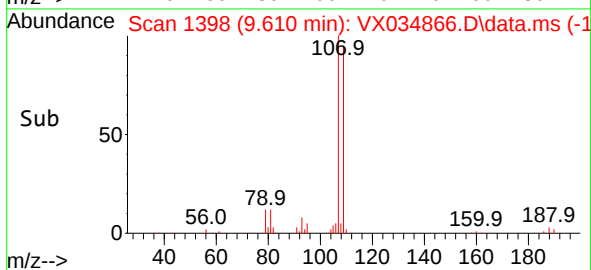
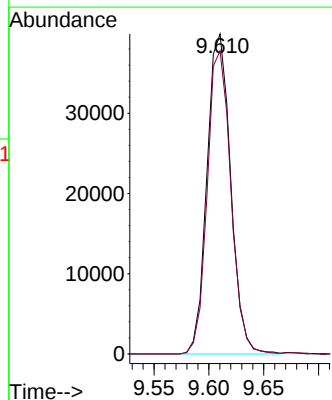
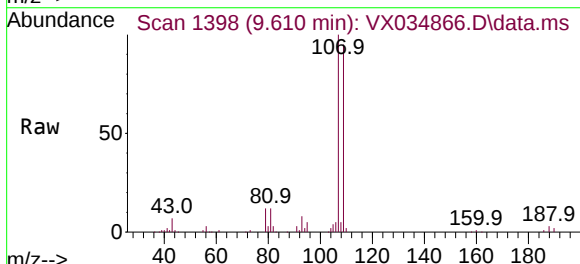
Manual Integrations
APPROVED

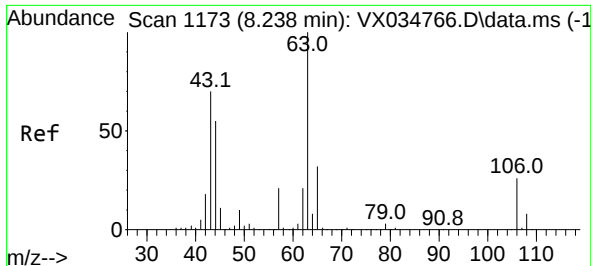
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#54
1,2-Dibromoethane
Concen: 20.059 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion:107 Resp: 59935
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2





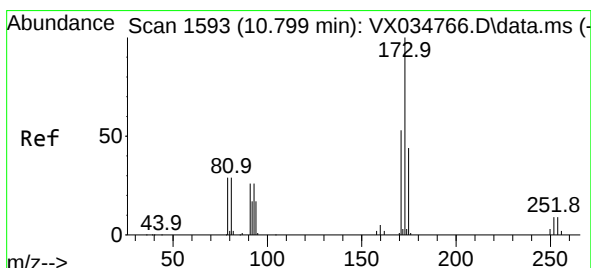
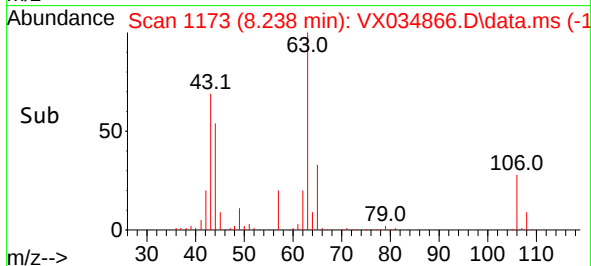
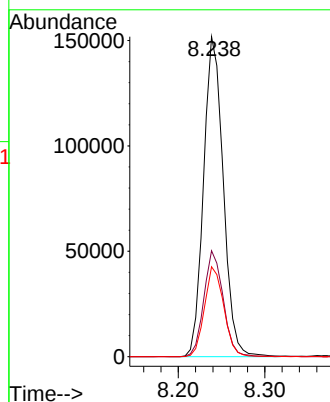
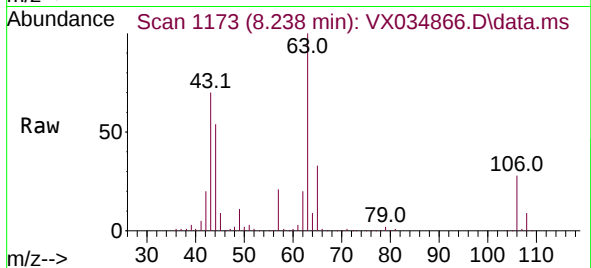
#55
2-Chloroethyl vinyl ether
Concen: 100.591 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 63 Resp: 23999
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2
106 27.7 21.6 32.4

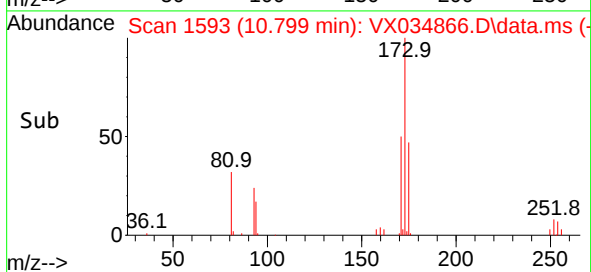
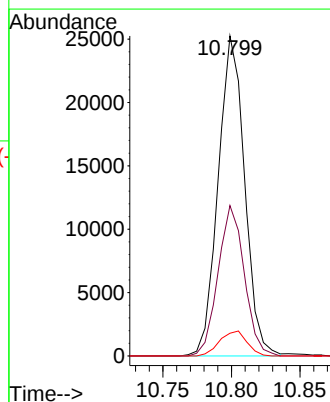
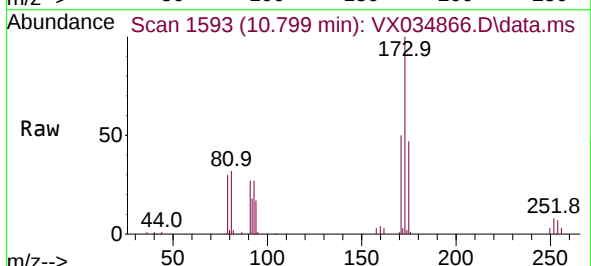
Manual Integrations
APPROVED

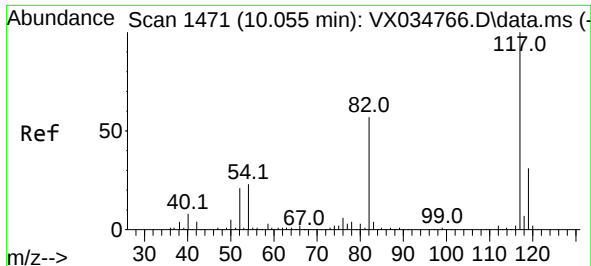
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#56
Bromoform
Concen: 17.770 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

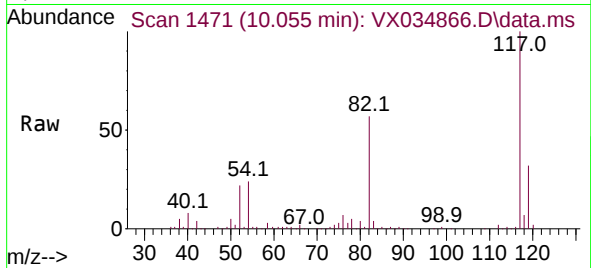
Tgt Ion:173 Resp: 33859
Ion Ratio Lower Upper
173 100
175 46.7 37.0 55.4
254 8.1 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

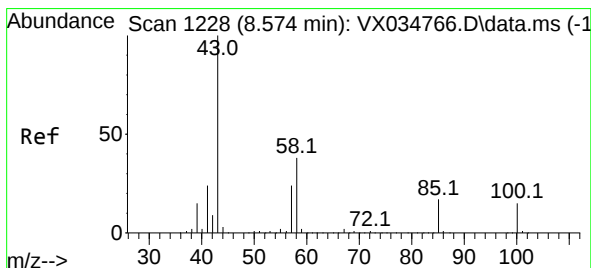
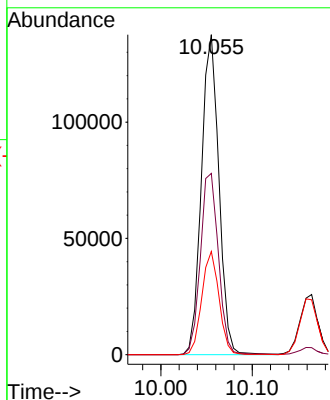
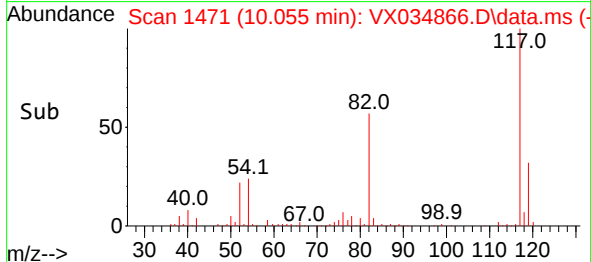
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 117 Resp: 182658
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.8
119 31.7 25.4 38.0

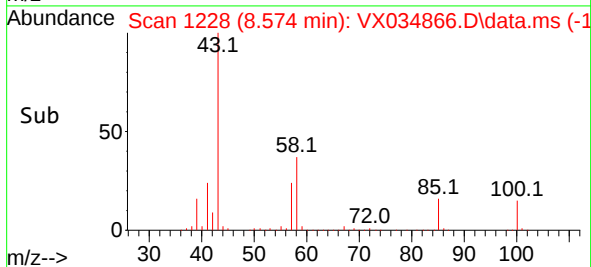
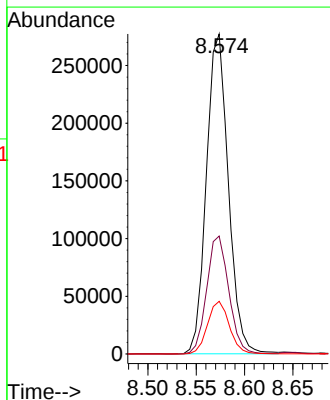
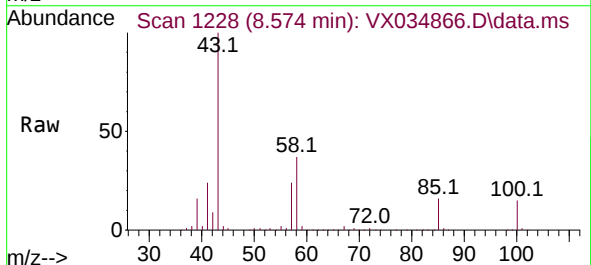
Manual Integrations
APPROVED

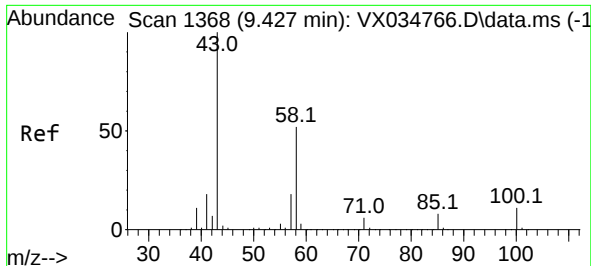
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#58
4-Methyl-2-Pentanone
Concen: 104.841 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 43 Resp: 439060
Ion Ratio Lower Upper
43 100
58 37.1 29.9 44.9
85 16.3 13.2 19.8





#59

2-Hexanone

Concen: 107.670 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

Tgt Ion: 43 Resp: 33949

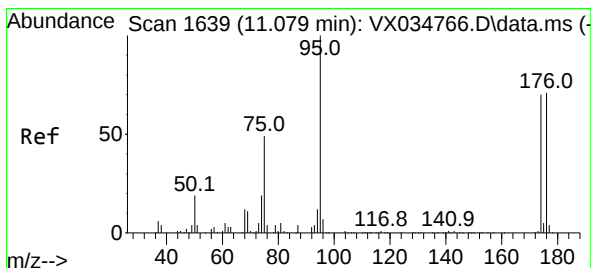
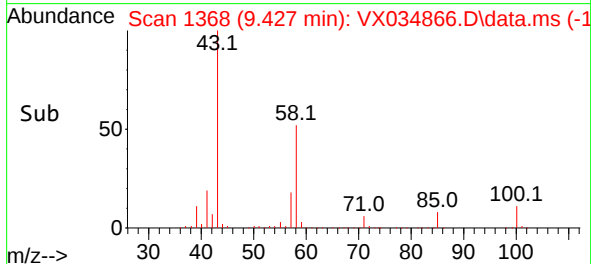
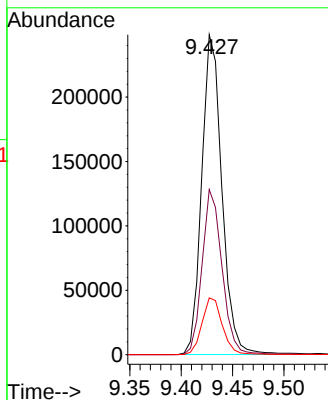
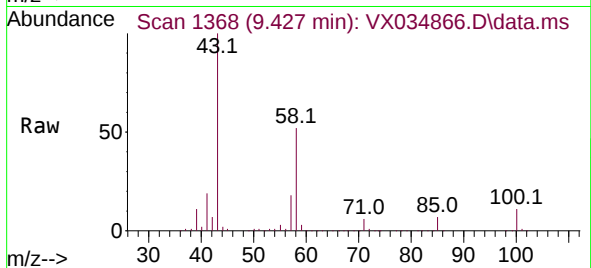
Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.7	62.5
57	18.0	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#60

4-Bromofluorobenzene

Concen: 28.815 ug/l

RT: 11.079 min Scan# 1639

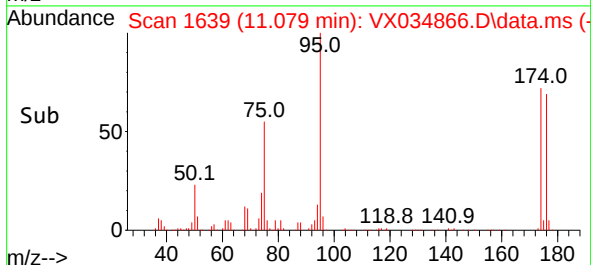
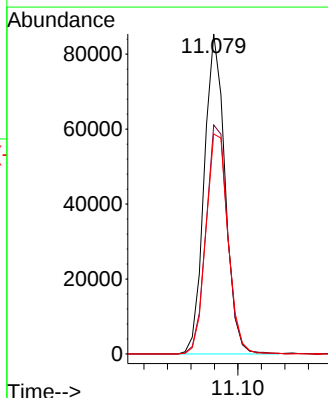
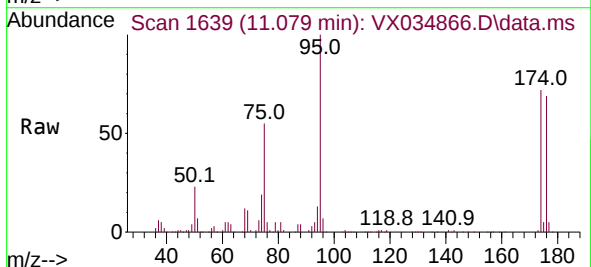
Delta R.T. 0.000 min

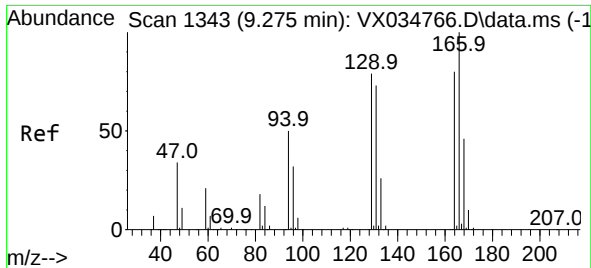
Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Tgt Ion: 95 Resp: 105167

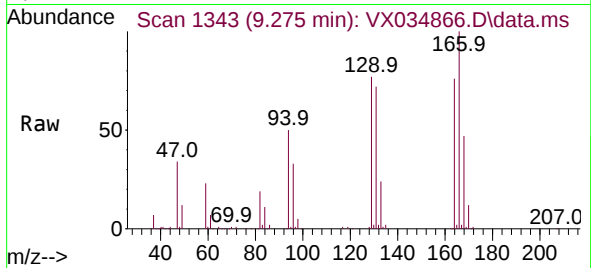
Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.2	0.4#
176	72.7	0.2	0.2#





#61
Tetrachloroethene
Concen: 20.489 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

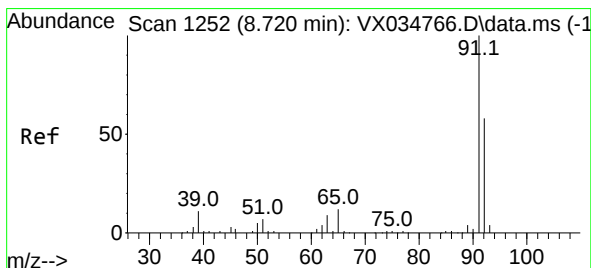
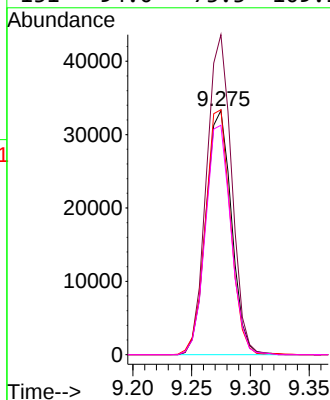
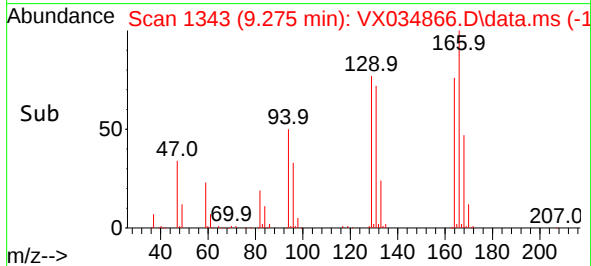
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion:164 Resp: 50420
Ion Ratio Lower Upper
164 100
166 131.1 100.1 150.1
129 100.1 79.1 118.7
131 94.0 73.3 109.9

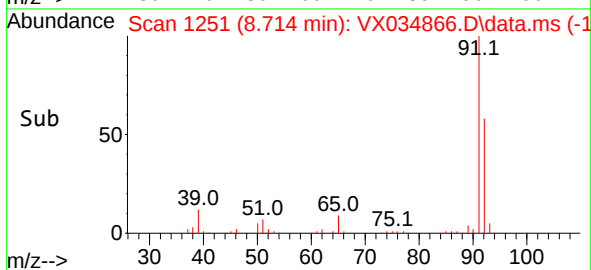
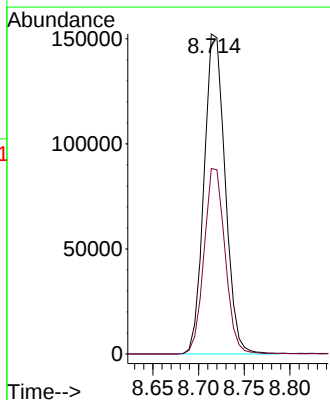
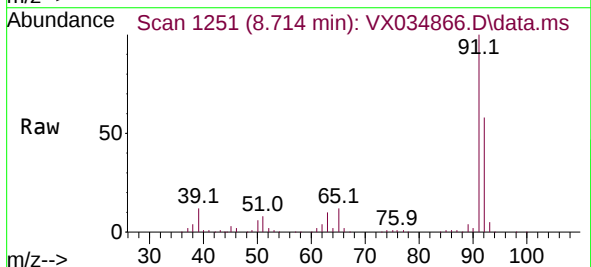
Manual Integrations
APPROVED

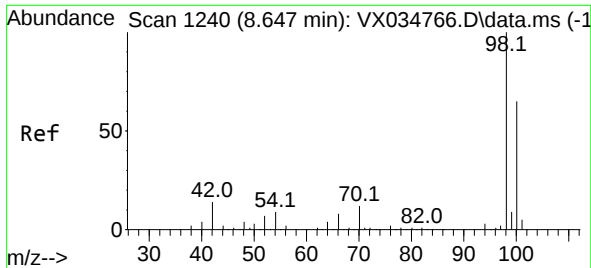
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#62
Toluene
Concen: 20.469 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

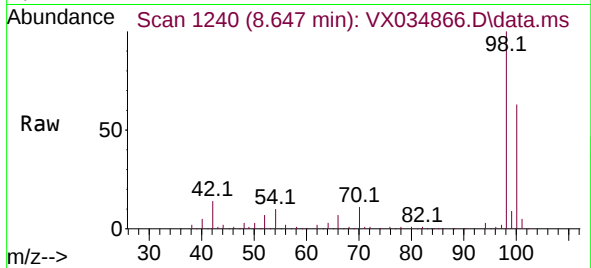
Tgt Ion: 91 Resp: 244471
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7





#63
Toluene-d8
Concen: 30.318 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

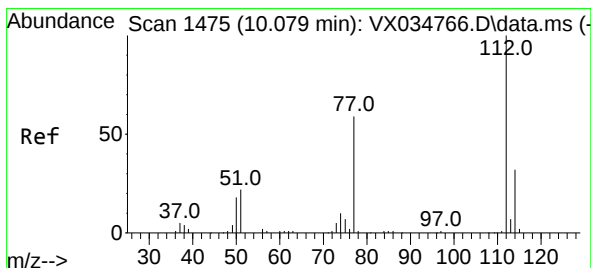
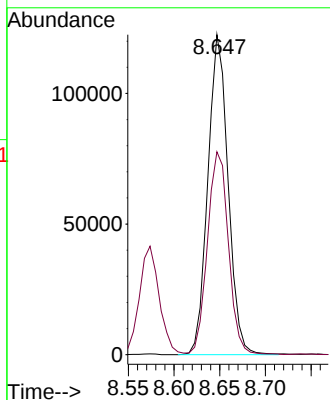
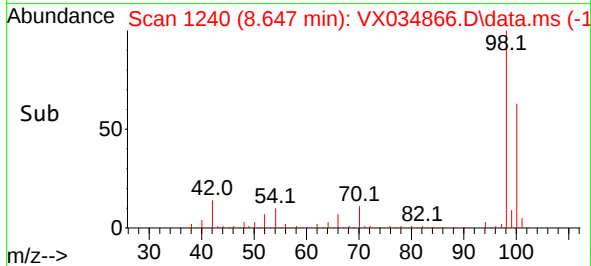
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 98 Resp: 188189
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

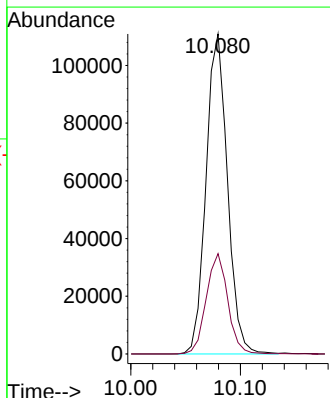
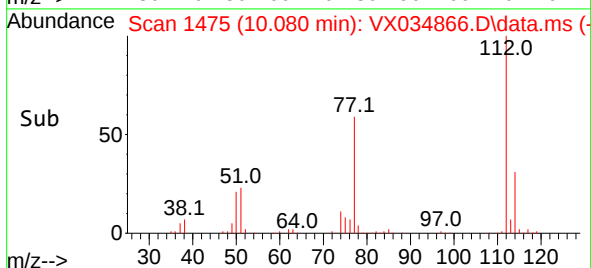
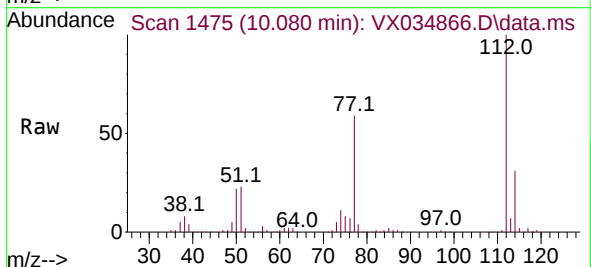
Manual Integrations
APPROVED

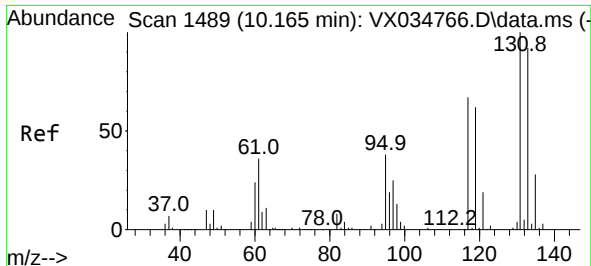
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#64
Chlorobenzene
Concen: 20.461 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion:112 Resp: 150492
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8





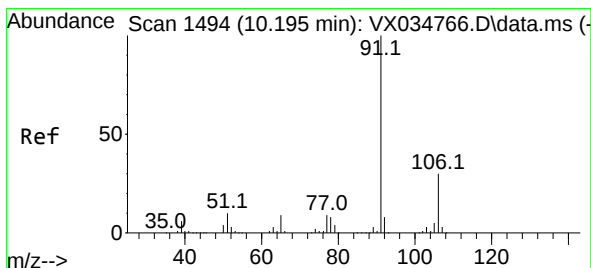
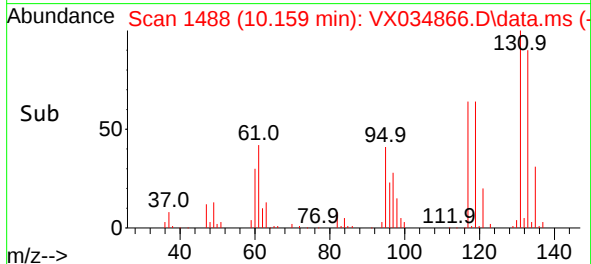
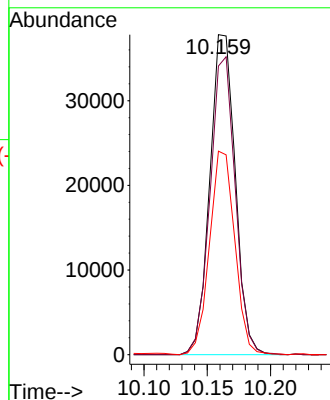
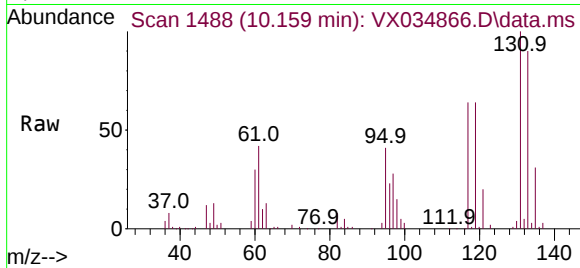
#65
1,1,1,2-Tetrachloroethane
Concen: 20.121 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion:131 Resp: 52908
Ion Ratio Lower Upper
131 100
133 92.3 0.0 186.6
119 63.1 0.0 128.6

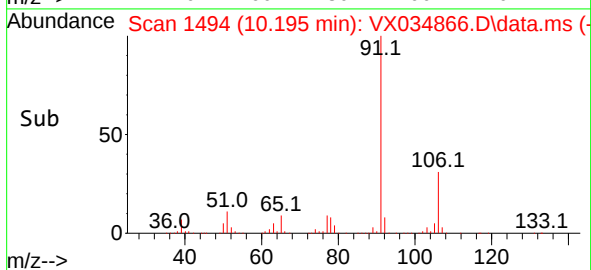
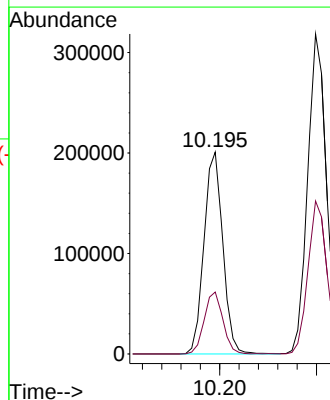
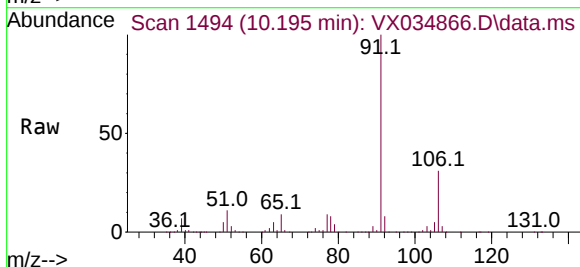
Manual Integrations
APPROVED

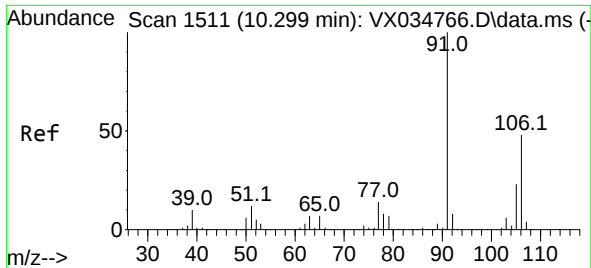
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#66
Ethyl Benzene
Concen: 20.432 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 91 Resp: 271795
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





#67

m/p-Xylenes

Concen: 40.788 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

Tgt Ion:106 Resp: 206440

Ion Ratio Lower Upper

106 100

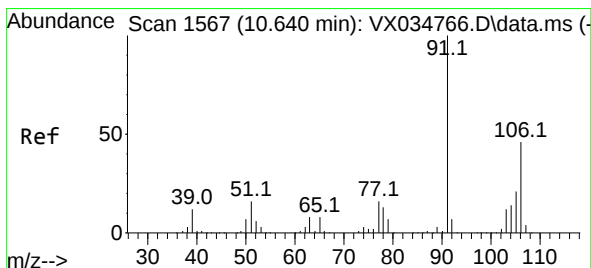
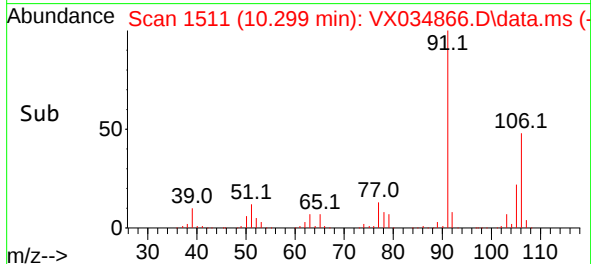
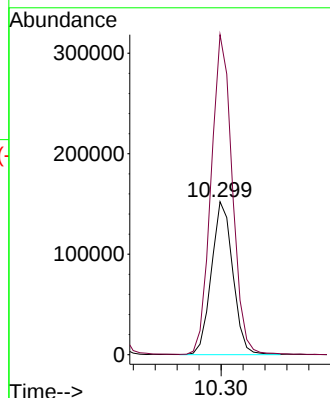
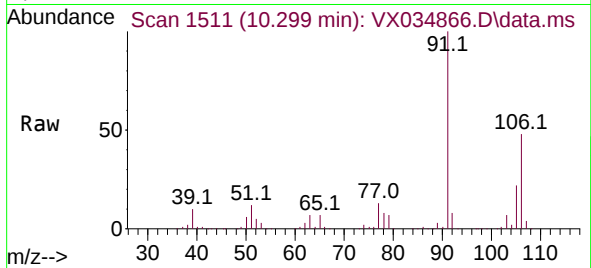
91 207.9 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#68

o-Xylene

Concen: 20.340 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034866.D

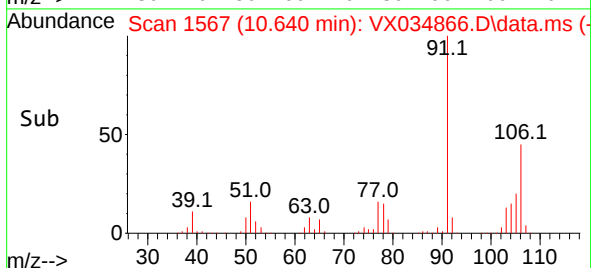
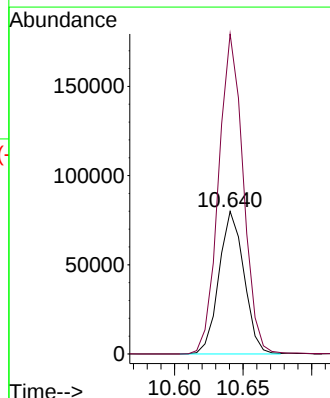
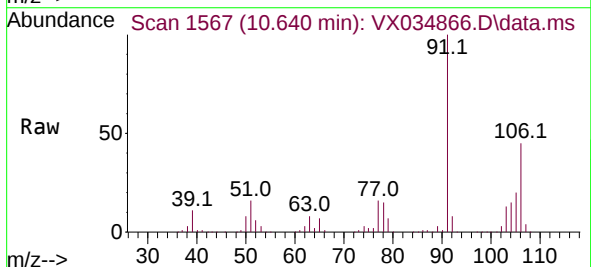
Acq: 31 Mar 2023 10:23

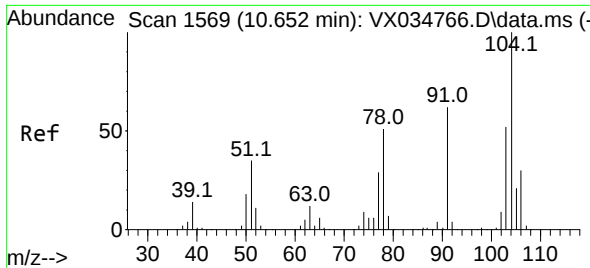
Tgt Ion:106 Resp: 101808

Ion Ratio Lower Upper

106 100

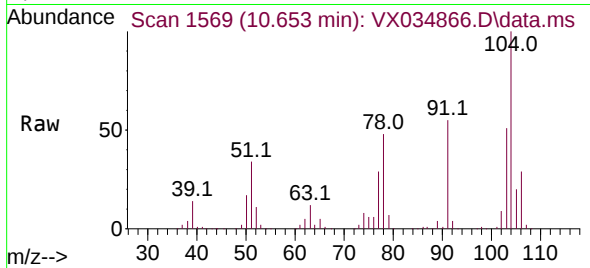
91 220.4 108.9 326.8





#69
Styrene
Concen: 19.938 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

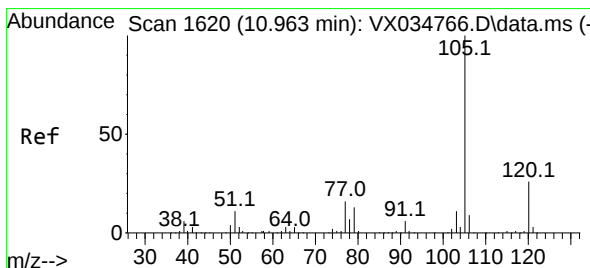
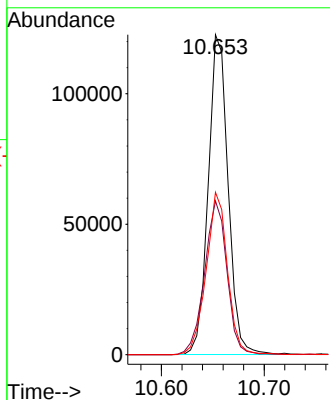
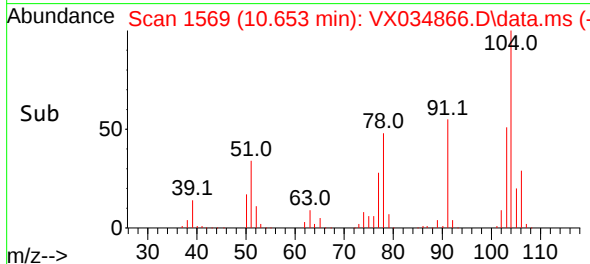
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



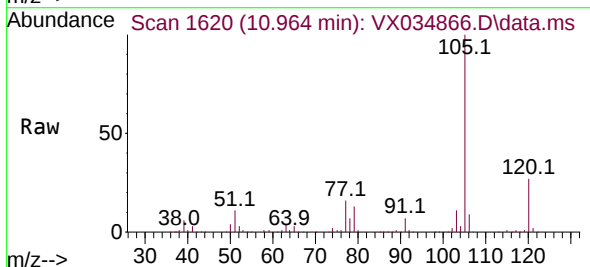
Tgt Ion:104 Resp: 16452
Ion Ratio Lower Upper
104 100
78 54.0 42.8 64.2
103 54.6 43.8 65.8

Manual Integrations
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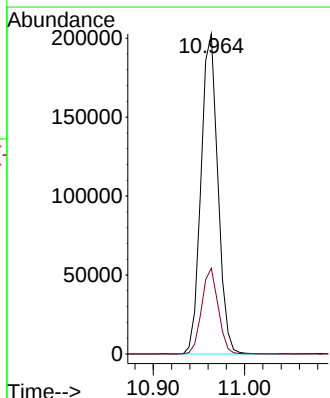
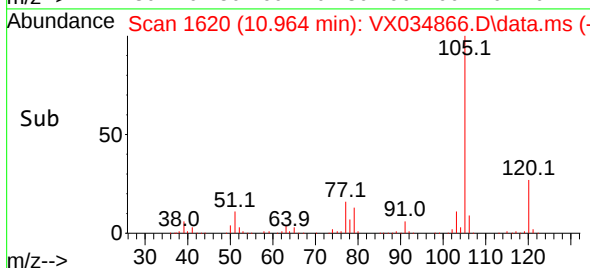
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

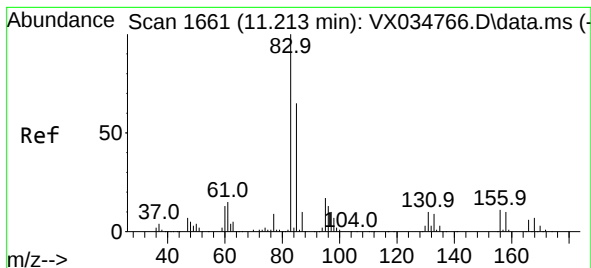


#70
Isopropylbenzene
Concen: 20.023 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



Tgt Ion:105 Resp: 259384
Ion Ratio Lower Upper
105 100
120 26.2 18.5 34.3





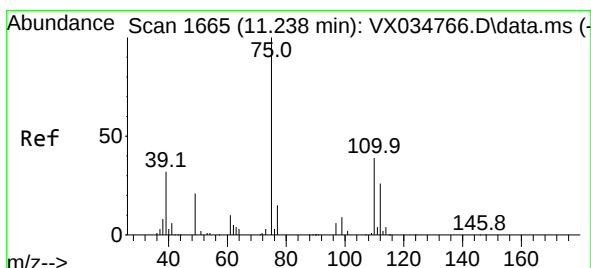
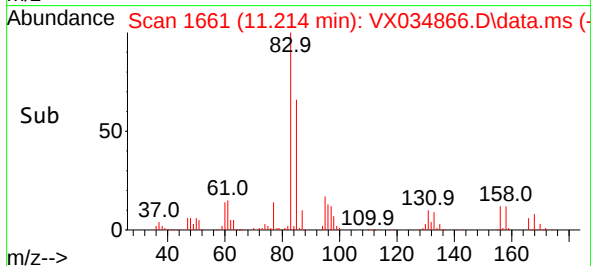
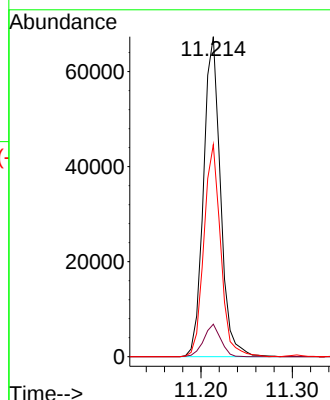
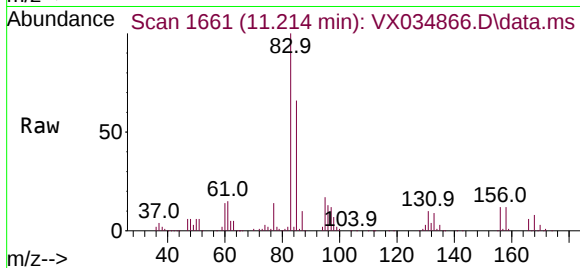
#71
1,1,2,2-Tetrachloroethane
Concen: 20.396 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 83 Resp: 8684
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.2
85 65.4 31.9 95.5

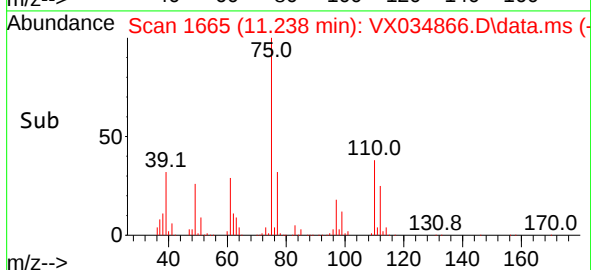
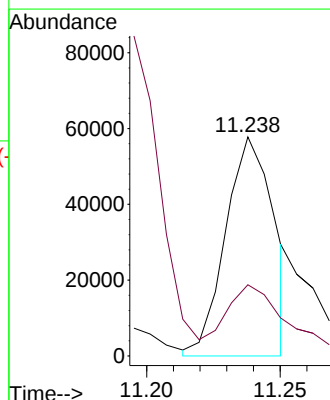
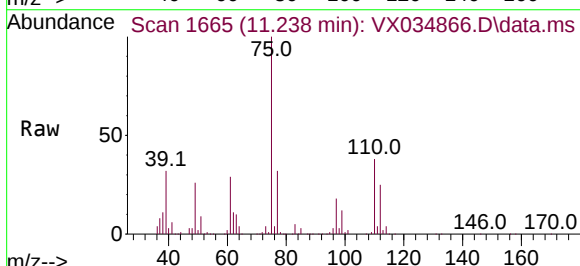
Manual Integrations
APPROVED

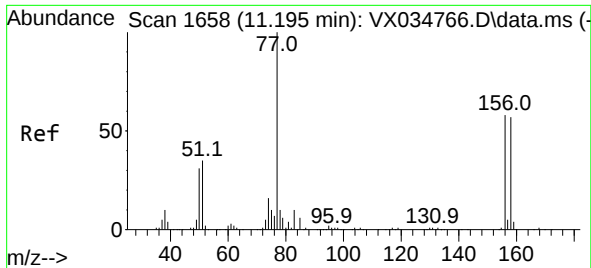
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#72
1,2,3-Trichloropropane
Concen: 18.720 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

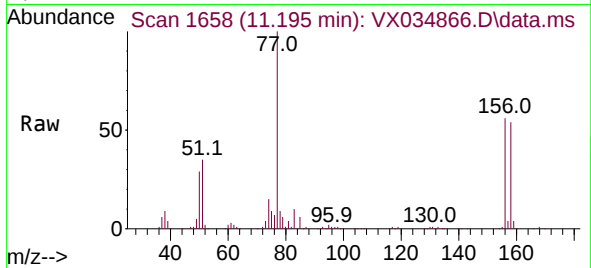
Tgt Ion: 75 Resp: 72560
Ion Ratio Lower Upper
75 100
77 41.8 0.0 73.8





#73
Bromobenzene
Concen: 20.081 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

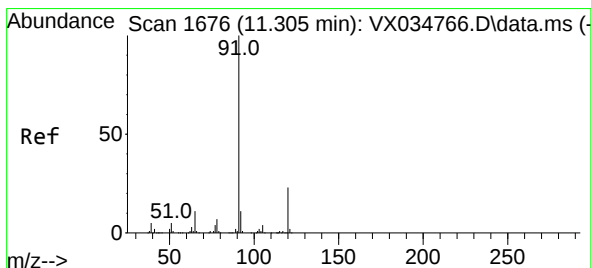
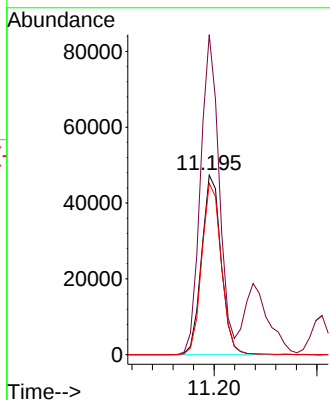
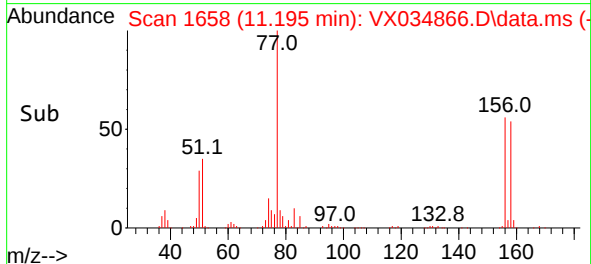
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



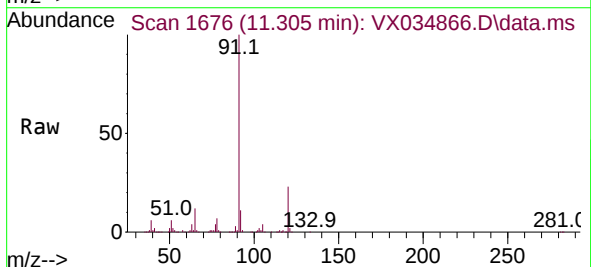
Tgt Ion:156 Resp: 62474
Ion Ratio Lower Upper
156 100
77 170.6 0.0 330.8
158 95.6 0.0 193.4

Manual Integrations
APPROVED

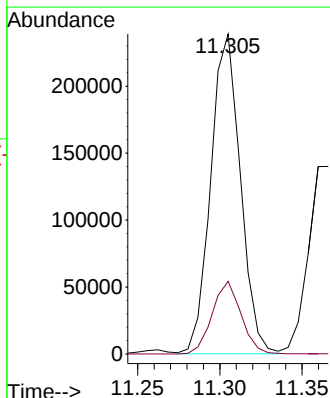
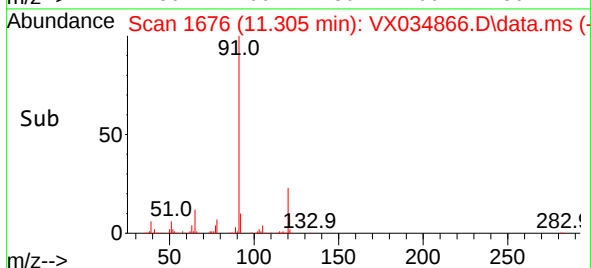
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

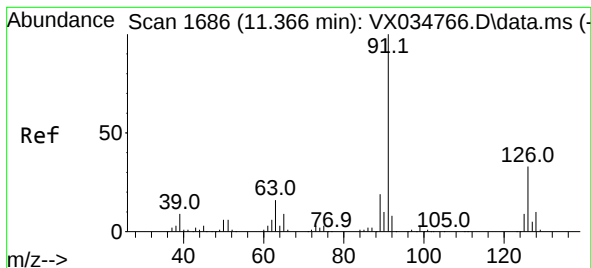


#74
n-propylbenzene
Concen: 19.876 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



Tgt Ion: 91 Resp: 299727
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.8





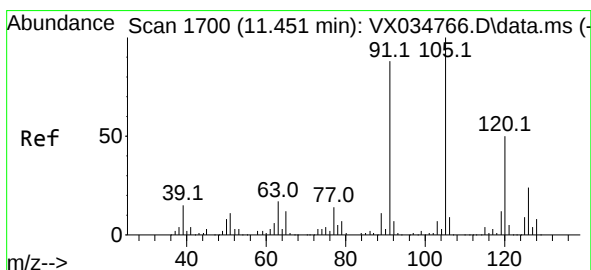
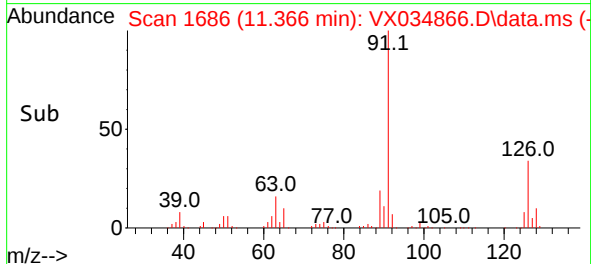
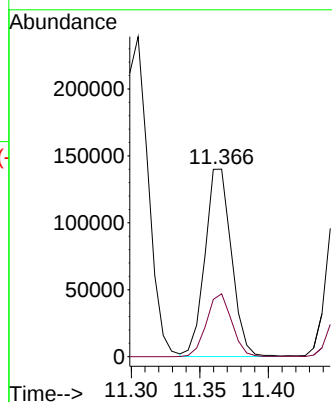
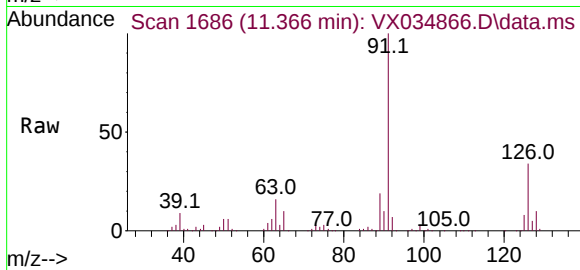
#75
2-Chlorotoluene
Concen: 20.039 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01

Tgt Ion: 91 Resp: 18839
Ion Ratio Lower Upper
91 100
126 32.1 0.0 66.4

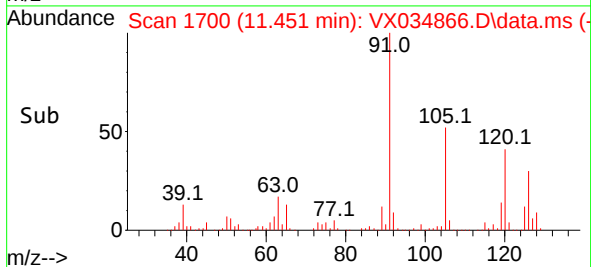
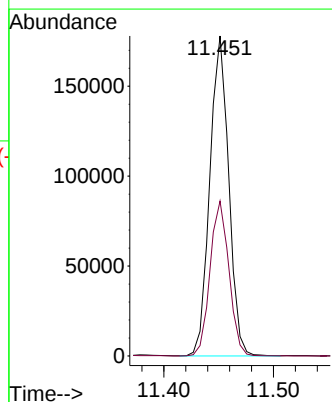
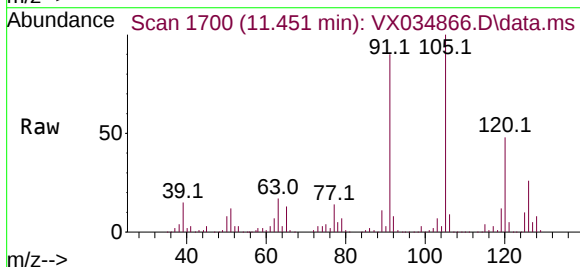
Manual Integrations
APPROVED

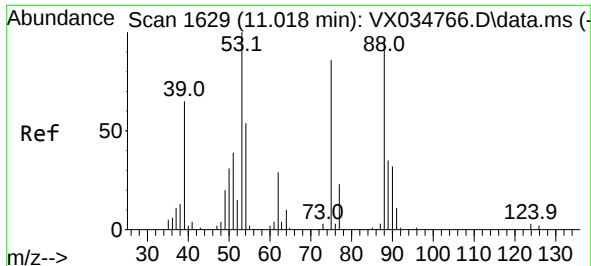
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.545 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

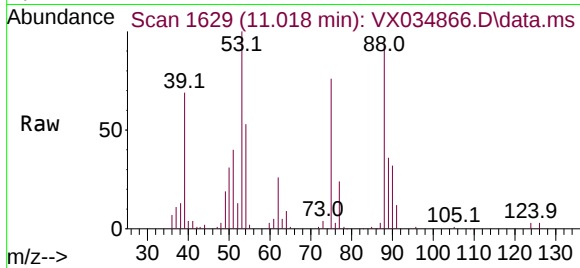
Tgt Ion:105 Resp: 213140
Ion Ratio Lower Upper
105 100
120 48.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 16.640 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

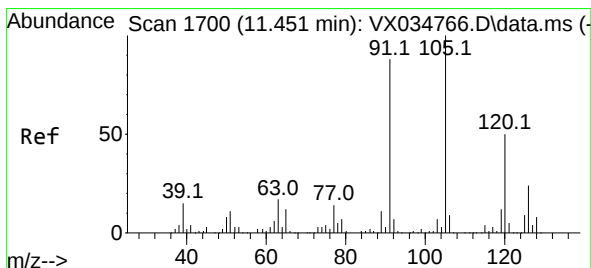
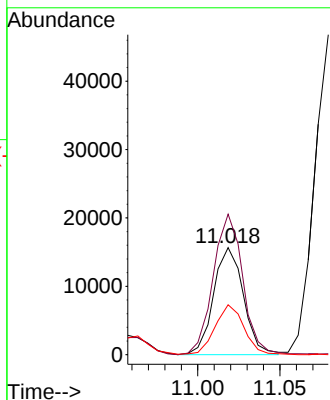
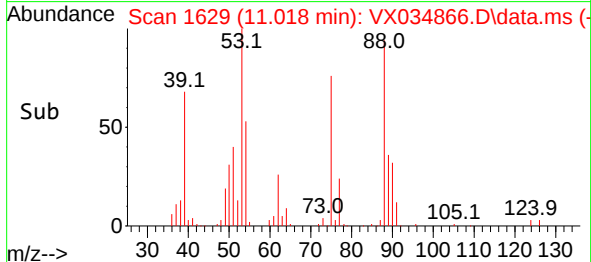
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



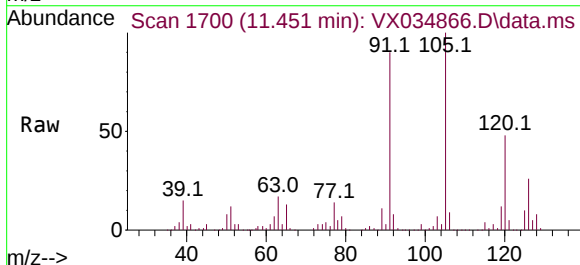
Tgt Ion: 75 Resp: 19808
Ion Ratio Lower Upper
75 100
53 131.4 58.2 174.6
89 46.2 20.6 61.8

Manual Integrations
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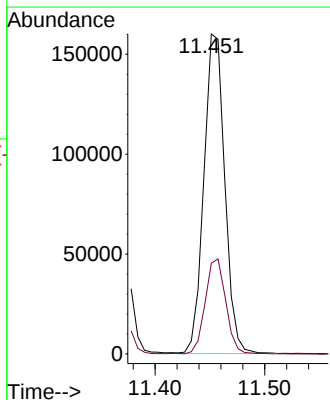
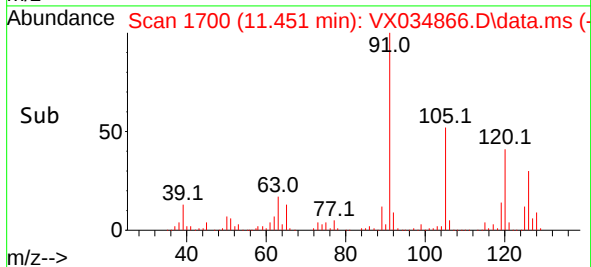
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

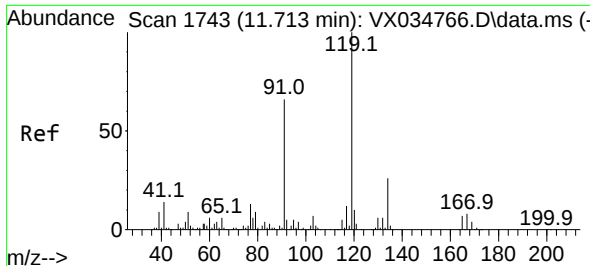


#78
4-Chlorotoluene
Concen: 19.662 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



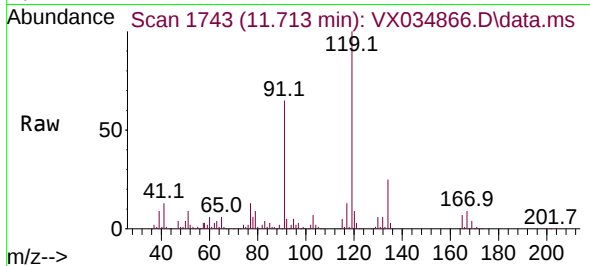
Tgt Ion: 91 Resp: 211913
Ion Ratio Lower Upper
91 100
126 29.2 0.0 56.8





#79
tert-butylbenzene
Concen: 19.403 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

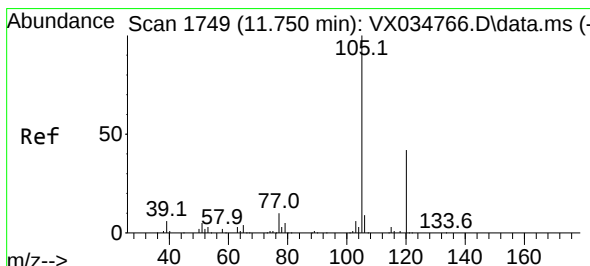
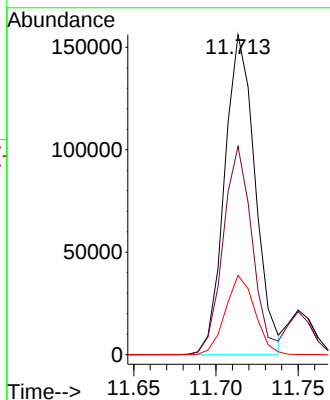
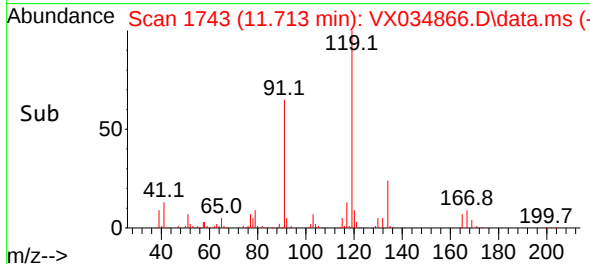
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion:119 Resp: 201980
Ion Ratio Lower Upper
119 100
91 62.3 0.0 122.4
134 24.0 0.0 49.2

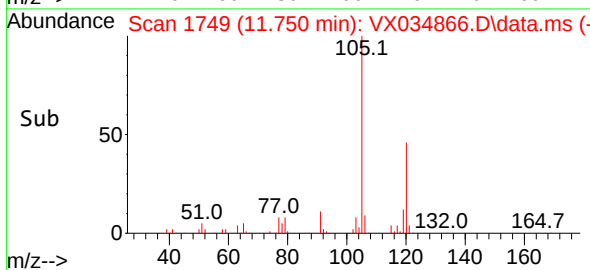
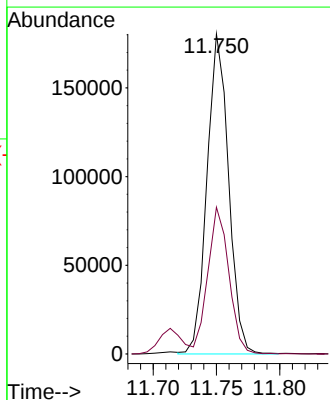
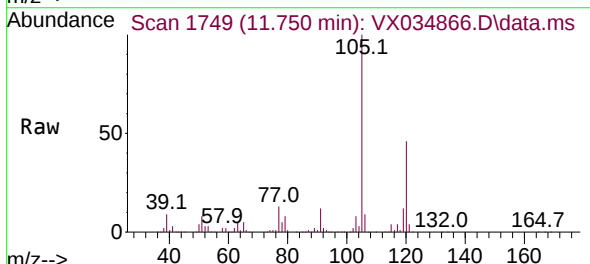
Manual Integrations
APPROVED

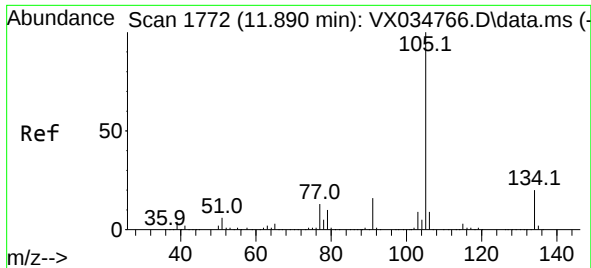
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.778 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

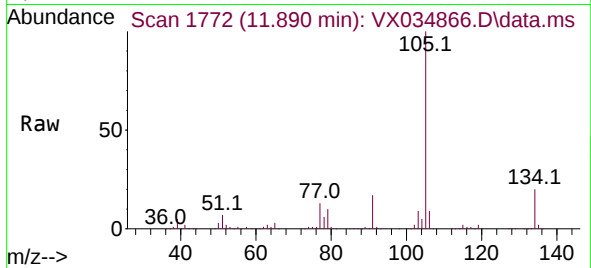
Tgt Ion:105 Resp: 214325
Ion Ratio Lower Upper
105 100
120 44.6 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 19.415 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034866.D
 Acq: 31 Mar 2023 10:23

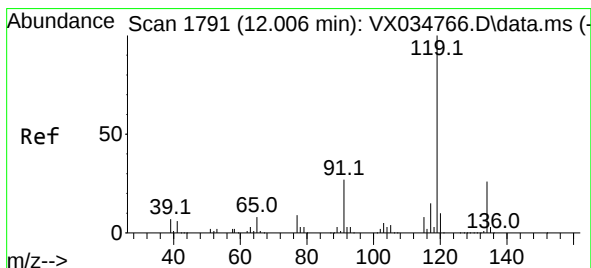
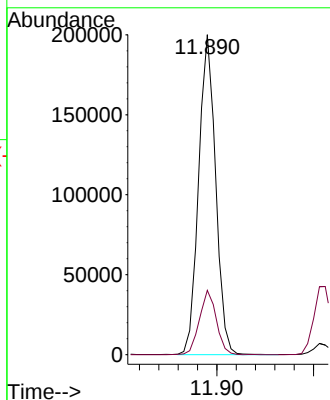
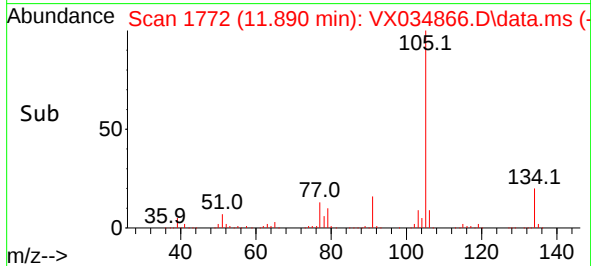
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS01



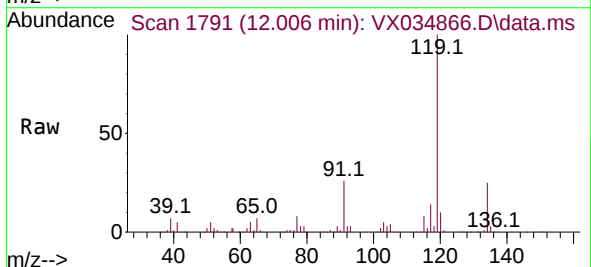
Tgt Ion:105 Resp: 244895
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 40.2

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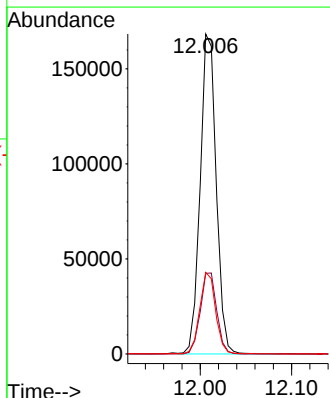
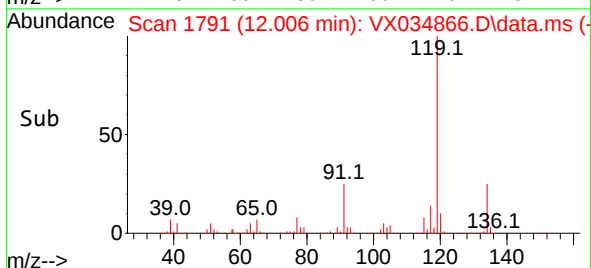
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

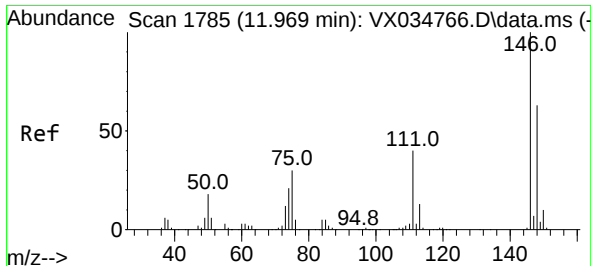


#82
 p-Isopropyltoluene
 Concen: 19.331 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034866.D
 Acq: 31 Mar 2023 10:23



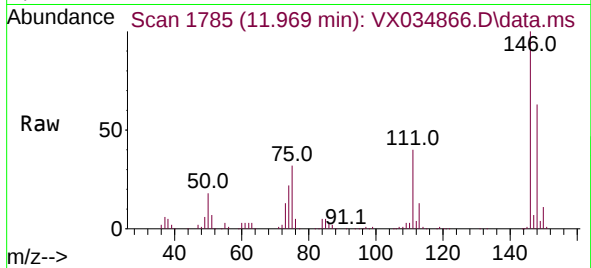
Tgt Ion:119 Resp: 205763
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 25.2 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 19.912 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

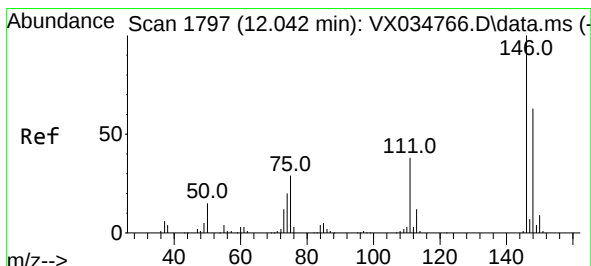
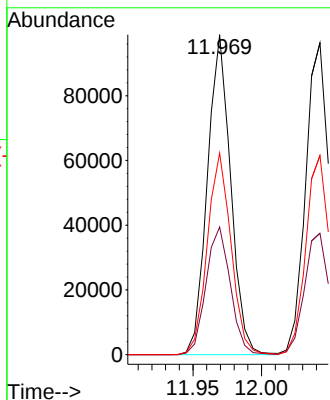
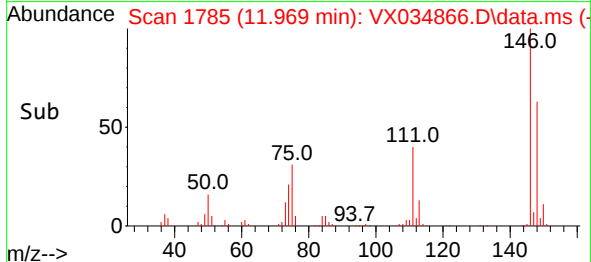
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



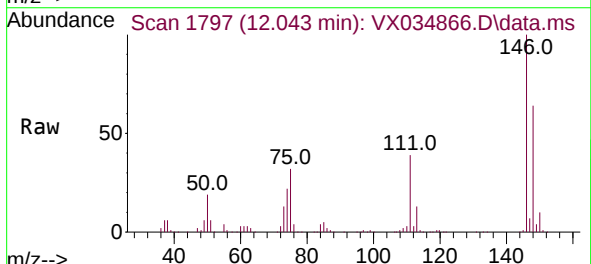
Tgt Ion:146 Resp: 116988
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 64.3 31.6 94.7

Manual Integrations
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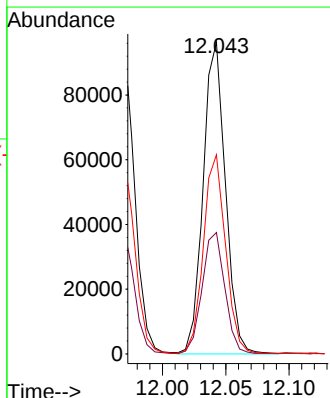
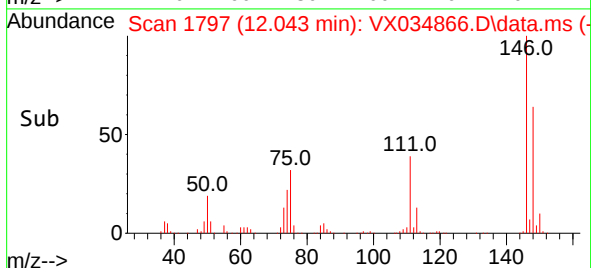
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

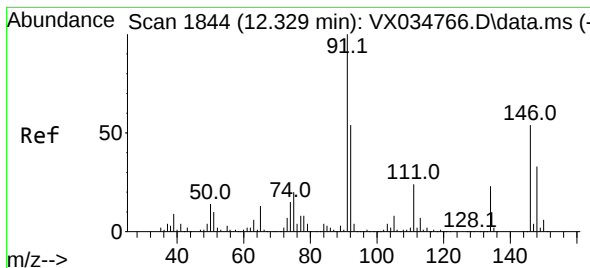


#84
1,4-Dichlorobenzene
Concen: 20.081 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



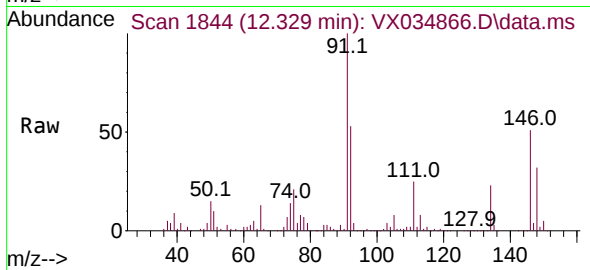
Tgt Ion:146 Resp: 118479
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.7 31.8 95.3





#85
n-Butylbenzene
Concen: 19.071 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

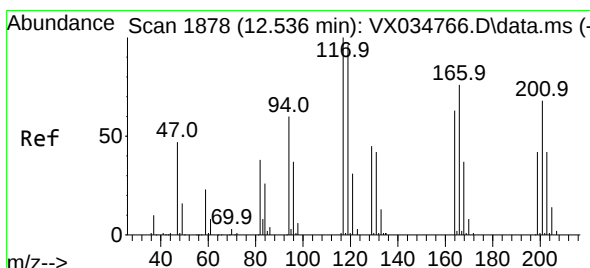
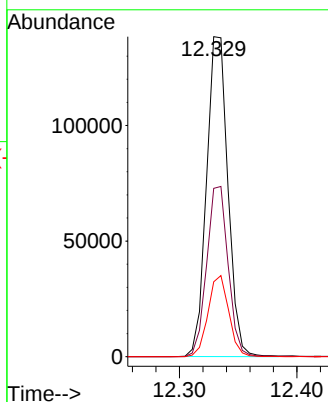
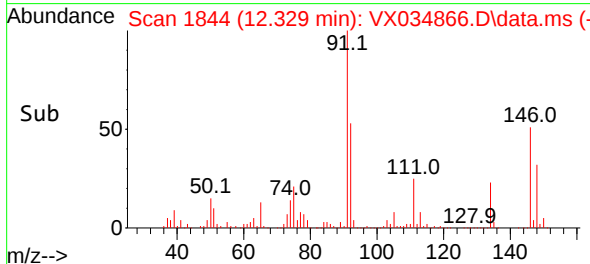
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion: 91 Resp: 174949
Ion Ratio Lower Upper
91 100
92 53.5 0.0 107.6
134 24.6 0.0 49.8

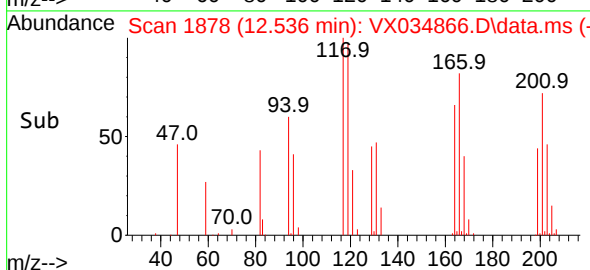
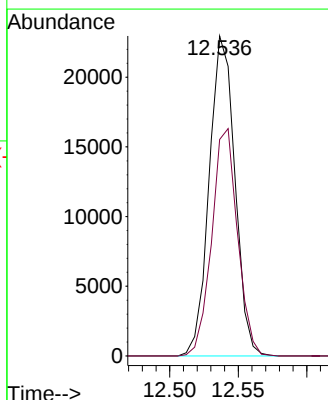
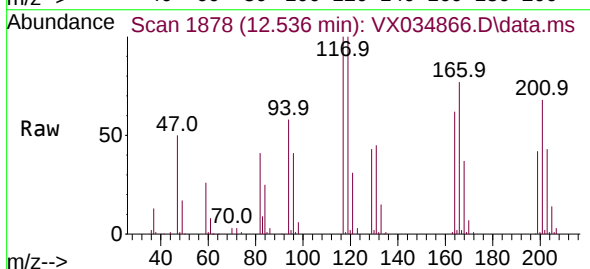
Manual Integrations
APPROVED

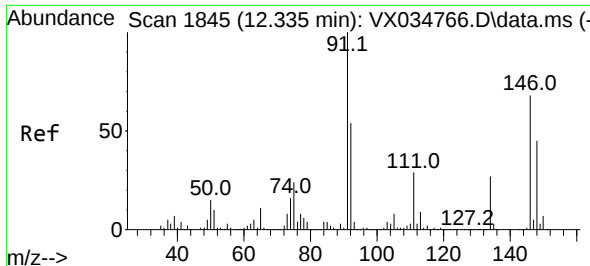
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#86
Hexachloroethane
Concen: 17.124 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

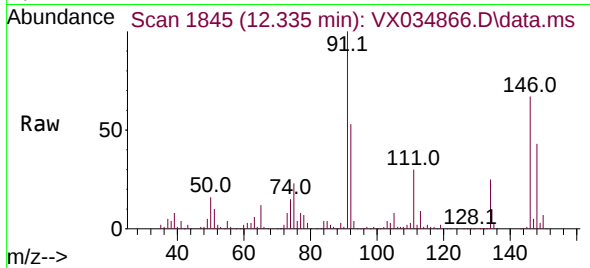
Tgt Ion:117 Resp: 29854
Ion Ratio Lower Upper
117 100
201 71.5 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.105 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

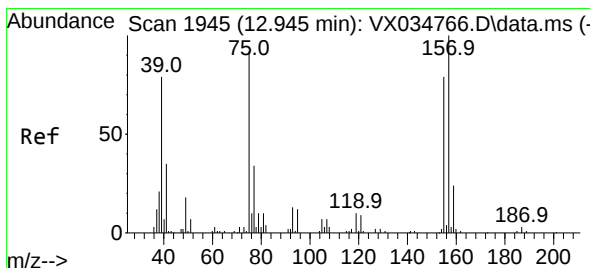
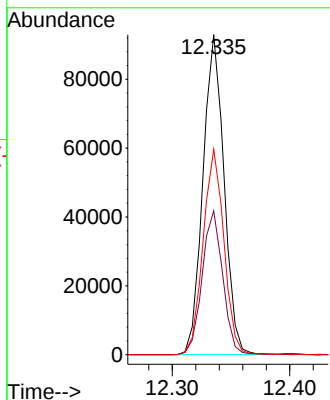
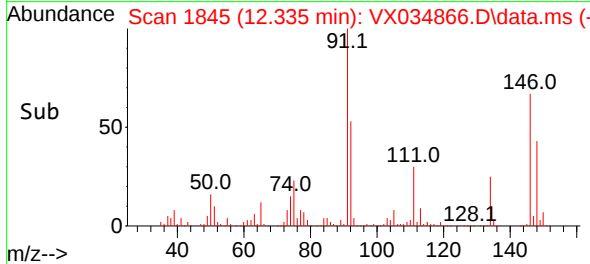
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



Tgt Ion:146 Resp: 115579
Ion Ratio Lower Upper
146 100
111 44.0 21.3 64.0
148 63.7 31.7 95.1

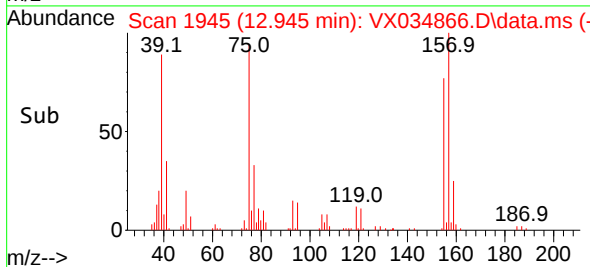
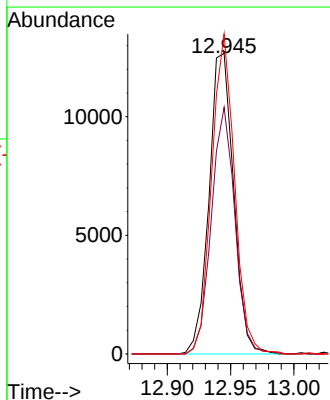
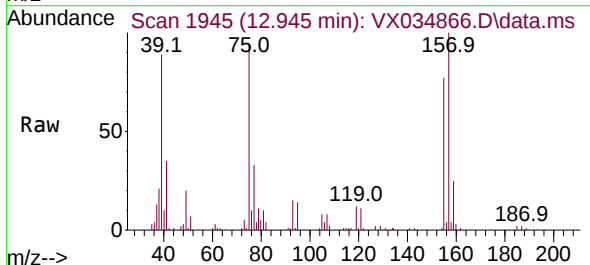
Manual Integrations
APPROVED

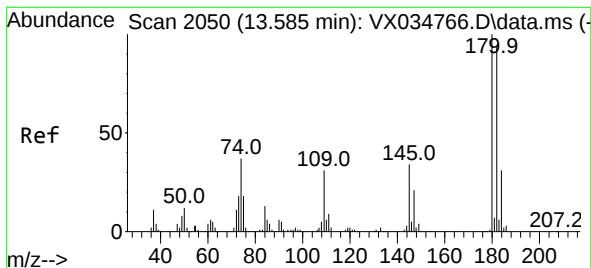
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.416 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

Tgt Ion: 75 Resp: 17136
Ion Ratio Lower Upper
75 100
155 78.3 63.7 95.5
157 98.9 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 19.124 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBS01

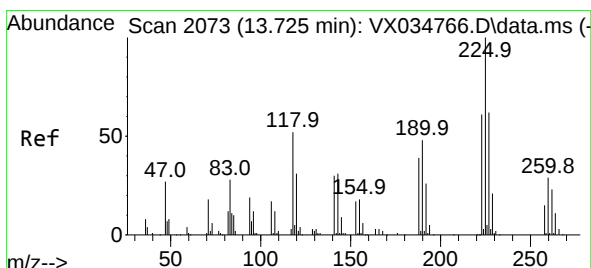
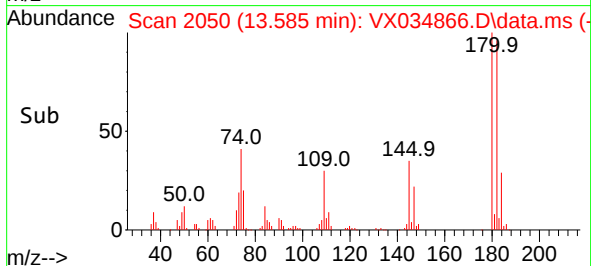
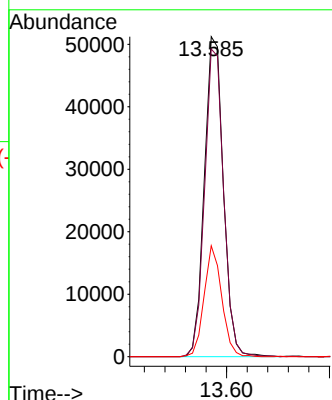
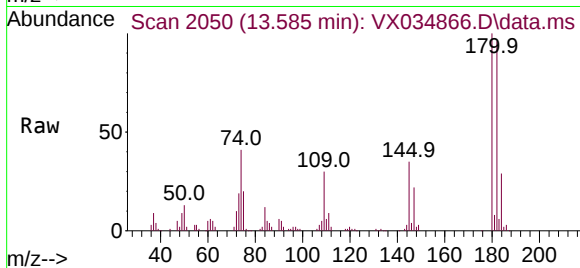
Tgt Ion:180	Resp:	6595
Ion Ratio	Lower	Upper
180	100	
182	96.1	75.8 113.8
145	32.1	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#90

Hexachlorobutadiene

Concen: 19.533 ug/l

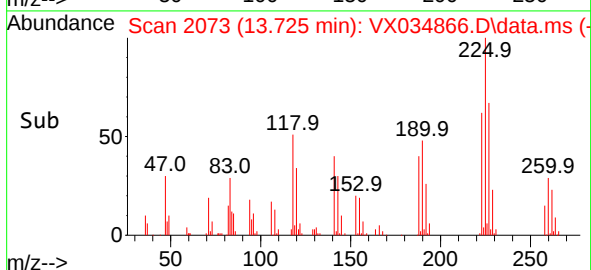
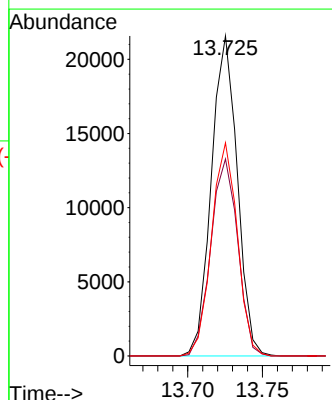
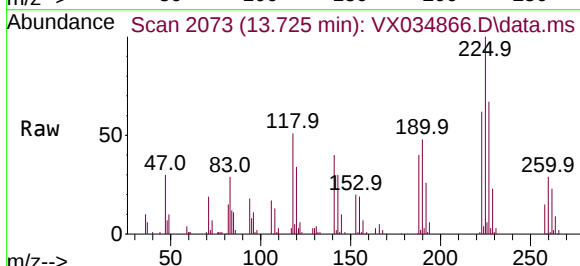
RT: 13.725 min Scan# 2073

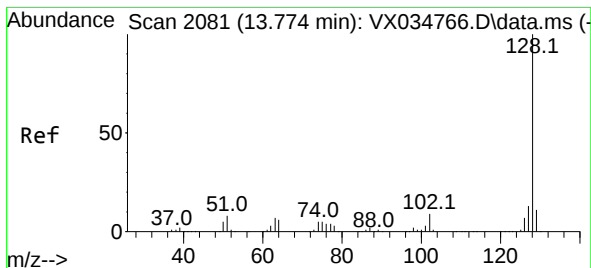
Delta R.T. 0.000 min

Lab File: VX034866.D

Acq: 31 Mar 2023 10:23

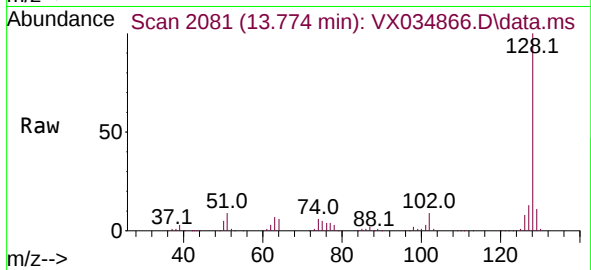
Tgt Ion:225	Resp:	25978
Ion Ratio	Lower	Upper
225	100	
223	63.9	0.0 124.2
227	66.5	0.0 122.8





#91
Naphthalene
Concen: 19.443 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23

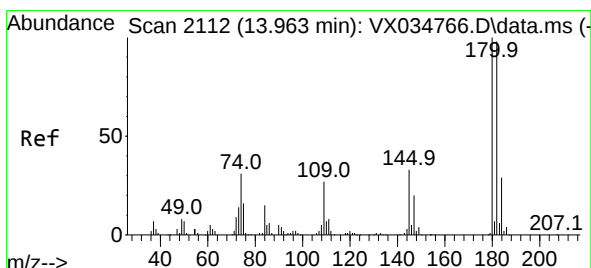
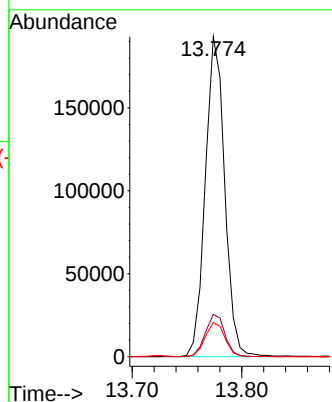
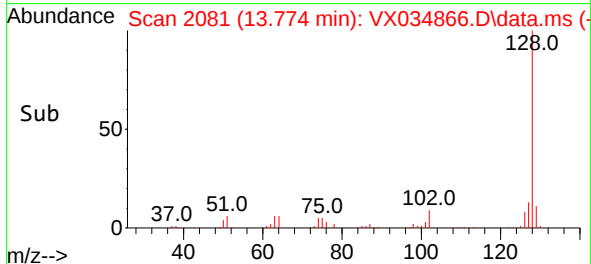
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBS01



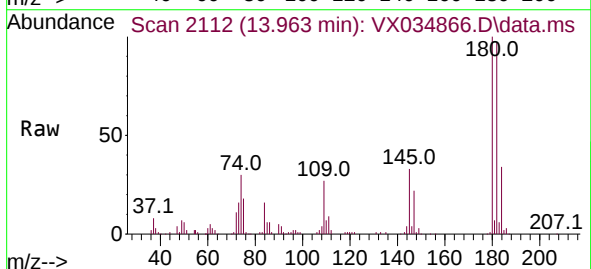
Tgt Ion:128 Resp: 236904
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.073 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034866.D
Acq: 31 Mar 2023 10:23



Tgt Ion:180 Resp: 65757
Ion Ratio Lower Upper
180 100
182 96.2 0.0 191.0
145 33.4 0.0 66.8

