

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033645.D
 Acq On : 06 Jan 2023 20:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 07 04:31:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/09/2023
 Supervised By : Mahesh Dadoda 01/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	89316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155074	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89172	88.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 176.880%#			
35) Dibromofluoromethane	5.385	113	68609	67.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 134.620%#			
50) Toluene-d8	8.647	98	169669	46.572	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.140%			
62) 4-Bromofluorobenzene	11.079	95	45806	35.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 70.940%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21889	29.717	ug/l	97
3) Chloromethane	1.294	50	62359	68.787	ug/l	98
4) Vinyl Chloride	1.374	62	41185	51.219	ug/l	95
5) Bromomethane	1.617	94	30185	67.132	ug/l	93
6) Chloroethane	1.691	64	29884	64.498	ug/l	99
7) Trichlorofluoromethane	1.886	101	43432	38.180	ug/l	98
8) Diethyl Ether	2.136	74	37007	103.438	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	25506	44.789	ug/l	97
10) Methyl Iodide	2.453	142	85187	82.078	ug/l	99
11) Tert butyl alcohol	3.032	59	81792m	493.816	ug/l	
12) 1,1-Dichloroethene	2.319	96	33877	64.562	ug/l	97
13) Acrolein	2.239	56	67407	688.985	ug/l	100
14) Allyl chloride	2.666	41	97801	70.188	ug/l	96
15) Acrylonitrile	3.068	53	226019	504.490	ug/l	99
16) Acetone	2.398	43	197359	593.407	ug/l	99
17) Carbon Disulfide	2.514	76	84029	43.871	ug/l	99
18) Methyl Acetate	2.709	43	140353	100.430	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	258070	98.408	ug/l	99
20) Methylene Chloride	2.788	84	71200	85.396	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	45838	55.621	ug/l	98
22) Diisopropyl ether	3.757	45	253604	90.329	ug/l	95
23) Vinyl Acetate	3.721	43	1053316	488.575	ug/l	100
24) 1,1-Dichloroethane	3.611	63	107059	70.478	ug/l	99
25) 2-Butanone	4.568	43	318962	484.501	ug/l	99
26) 2,2-Dichloropropane	4.477	77	51509	49.049	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	68708	71.882	ug/l	97
28) Bromochloromethane	4.897	49	51409	83.313	ug/l	100
29) Tetrahydrofuran	5.013	42	209724	502.275	ug/l	99
30) Chloroform	5.092	83	115095	74.167	ug/l	99
31) Cyclohexane	5.477	56	44868	31.967	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	66484	49.548	ug/l	99
36) 1,1-Dichloropropene	5.690	75	47425	34.349	ug/l	99
37) Ethyl Acetate	4.715	43	126162	83.934	ug/l	99
38) Carbon Tetrachloride	5.678	117	49458	33.849	ug/l	97
39) Methylcyclohexane	7.379	83	44225	25.654	ug/l	98
40) Benzene	6.037	78	213321	52.862	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	71804	85.596	ug/l	98
42) 1,2-Dichloroethane	6.086	62	106421	70.747	ug/l	99
43) Isopropyl Acetate	6.342	43	197029	83.465	ug/l	99
44) Trichloroethene	7.123	130	46981	40.798	ug/l	98
45) 1,2-Dichloropropane	7.427	63	66117	63.602	ug/l	100
46) Dibromomethane	7.580	93	52535	72.185	ug/l	99
47) Bromodichloromethane	7.824	83	93354	66.210	ug/l	98
48) Methyl methacrylate	7.690	41	97606	81.685	ug/l	99
49) 1,4-Dioxane	7.738	88	42406	1668.483	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	622092	416.367	ug/l	99
52) Toluene	8.720	92	115524	43.543	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	94120	60.326	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99336	63.648	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	76017	73.150	ug/l	99
56) Ethyl methacrylate	9.116	69	124231	80.076	ug/l	100
57) 1,3-Dichloropropane	9.305	76	124073	69.783	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	293085	371.387	ug/l	99
59) 2-Hexanone	9.433	43	457969	414.934	ug/l	99
60) Dibromochloromethane	9.519	129	79769	70.177	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79259	72.108	ug/l	99
64) Tetrachloroethene	9.275	164	35197	36.245	ug/l	98
65) Chlorobenzene	10.079	112	128814	47.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	59335	58.783	ug/l	99
67) Ethyl Benzene	10.195	91	161058	34.169	ug/l	100
68) m/p-Xylenes	10.299	106	107340	58.353	ug/l	98
69) o-Xylene	10.640	106	58361	32.000	ug/l	98
70) Styrene	10.652	104	101800	33.977	ug/l	98
71) Bromoform	10.799	173	46097	57.040	ug/l #	99
73) Isopropylbenzene	10.963	105	126453	40.942	ug/l	99
74) N-amyl acetate	10.841	43	120793	96.520	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	87551	90.948	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71308m	89.000	ug/l	
77) Bromobenzene	11.195	156	44139	53.987	ug/l	95
78) n-propylbenzene	11.305	91	136425	38.962	ug/l	98
79) 2-Chlorotoluene	11.366	91	92487	43.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	110416	43.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23003	87.139	ug/l	93
82) 4-Chlorotoluene	11.451	91	105694	43.469	ug/l	99
83) tert-Butylbenzene	11.713	119	111955	42.200	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	113889	44.635	ug/l	97
85) sec-Butylbenzene	11.890	105	120280	38.375	ug/l	98
86) p-Isopropyltoluene	12.006	119	106801	39.875	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67948	46.175	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	68813	47.804	ug/l	98
89) n-Butylbenzene	12.329	91	84036	37.519	ug/l	99
90) Hexachloroethane	12.536	117	18265	42.269	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	75963	54.026	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18973	105.995	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	43413	44.767	ug/l	98
94) Hexachlorobutadiene	13.725	225	16650	38.760	ug/l	98
95) Naphthalene	13.774	128	197742	63.372	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47491	46.951	ug/l	97

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

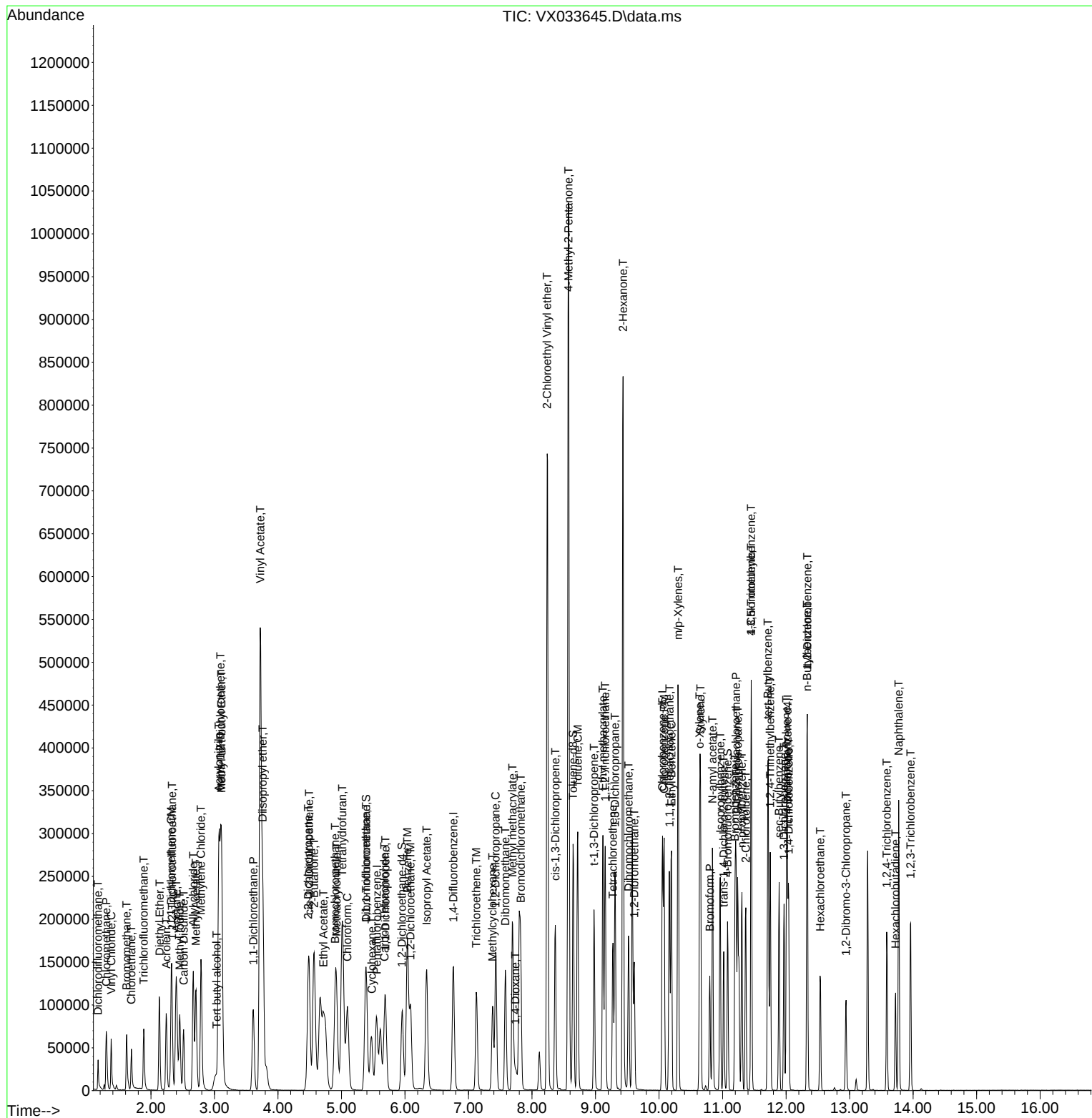
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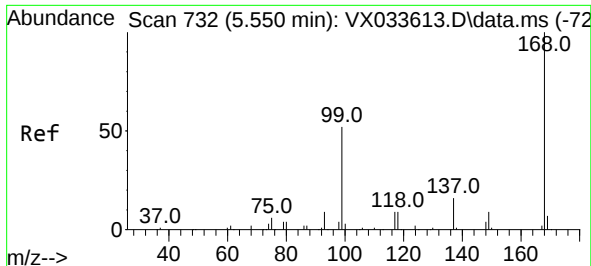
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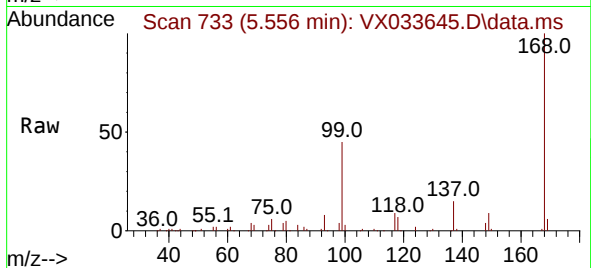
Reviewed By :John Carlone 01/09/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033645.D
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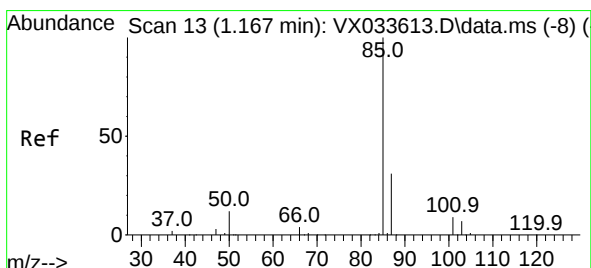
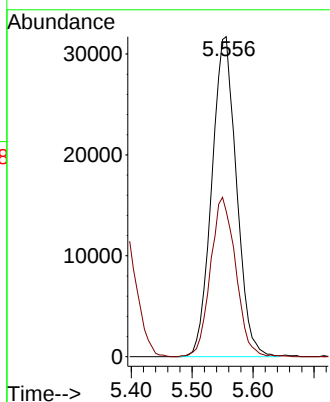
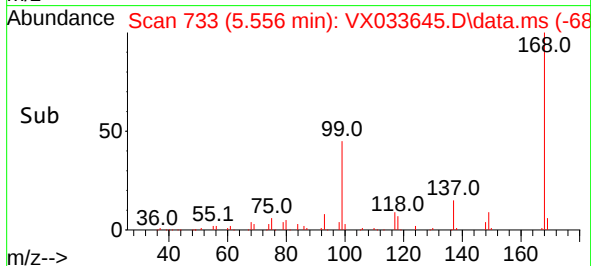
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 89310
Ion Ratio Lower Upper
168 100
99 45.5 41.4 62.2

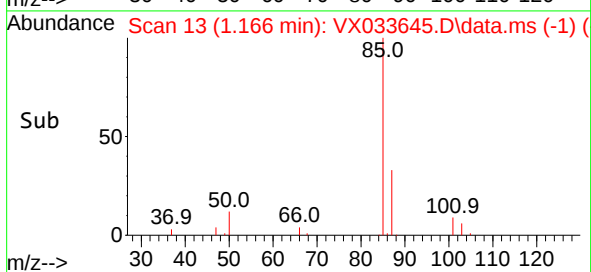
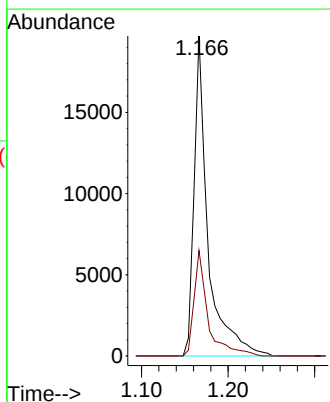
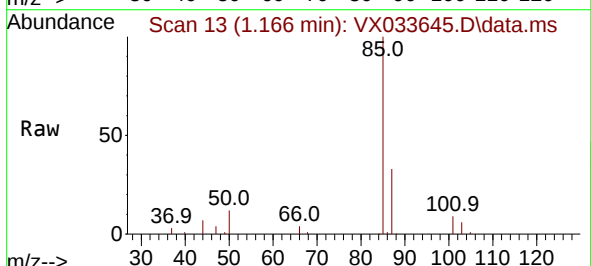
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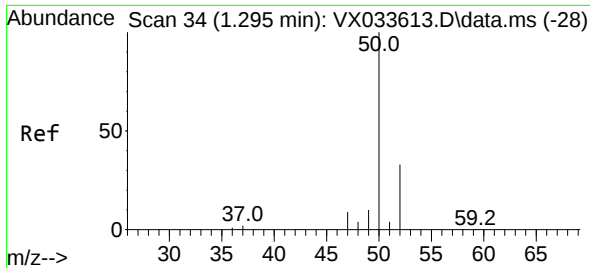
Reviewed By :John Carlone 01/09/2023
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#2
Dichlorodifluoromethane
Concen: 29.717 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 85 Resp: 21889
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





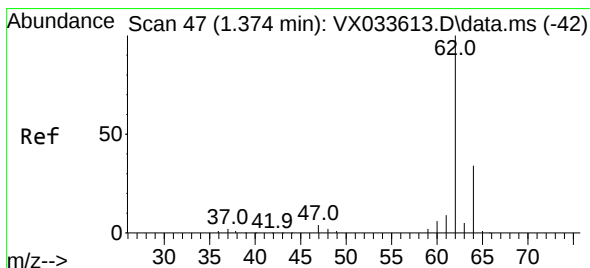
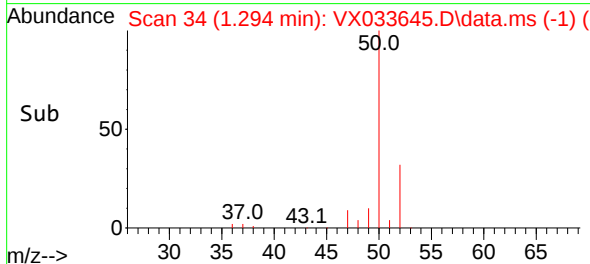
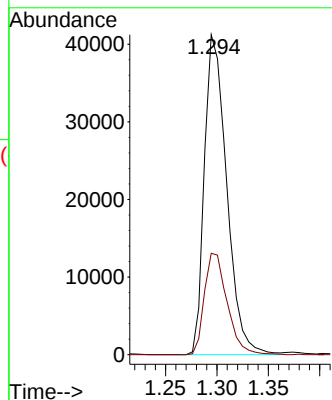
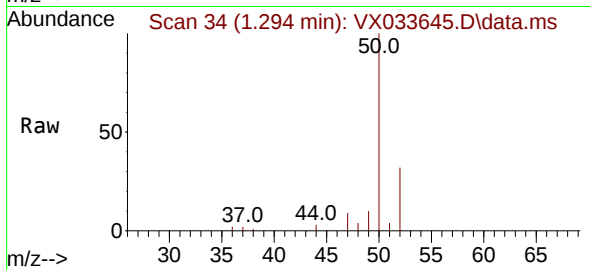
#3
Chloromethane
Concen: 68.787 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
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Tgt Ion: 50 Resp: 6235
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1

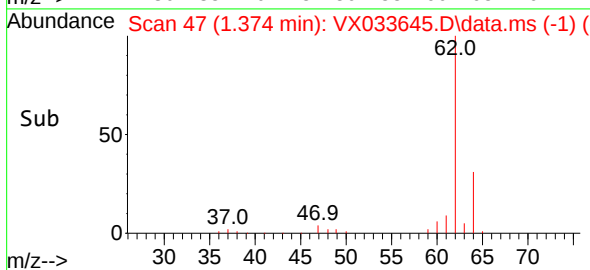
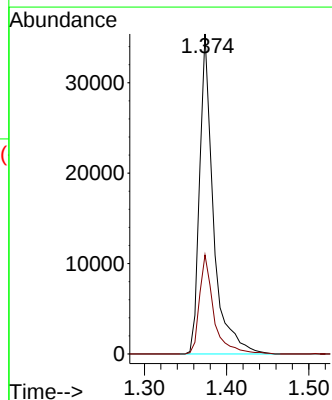
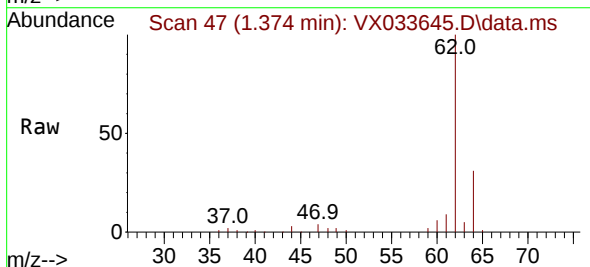
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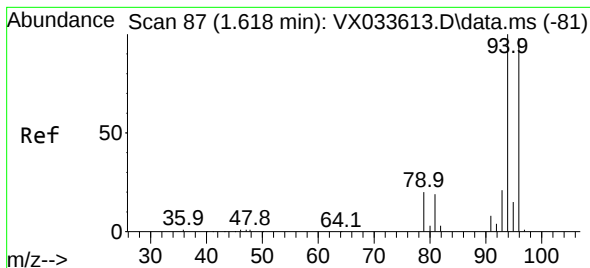
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#4
Vinyl Chloride
Concen: 51.219 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033645.D
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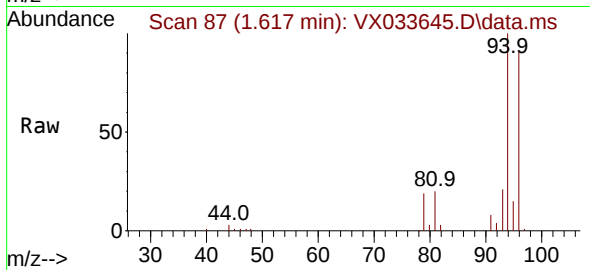
Tgt Ion: 62 Resp: 41185
Ion Ratio Lower Upper
62 100
64 31.0 27.2 40.8





#5
Bromomethane
Concen: 67.132 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033645.D
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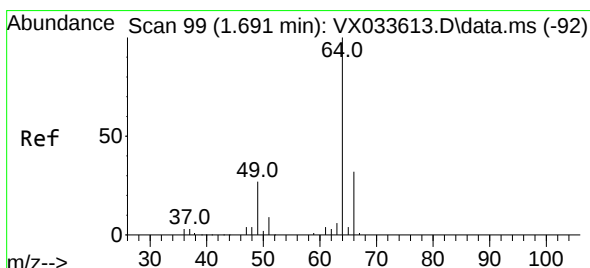
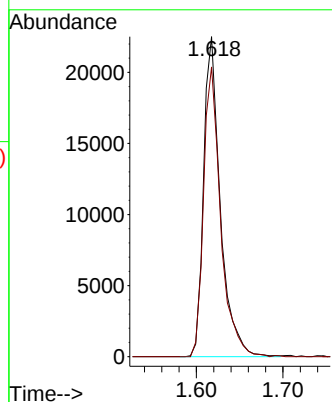
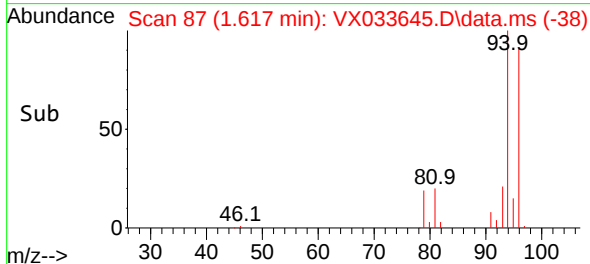
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Tgt Ion: 94 Resp: 3018
Ion Ratio Lower Upper
94 100
96 90.5 78.0 117.0

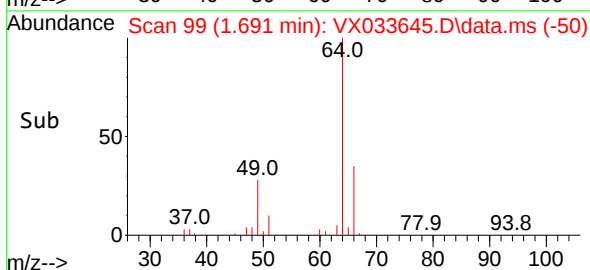
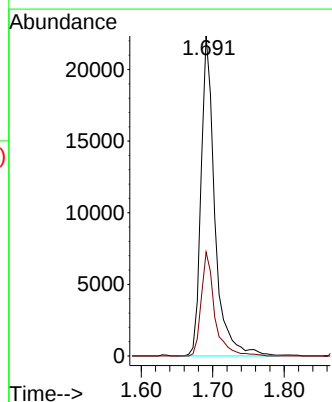
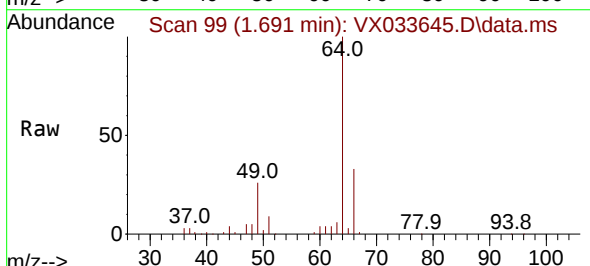
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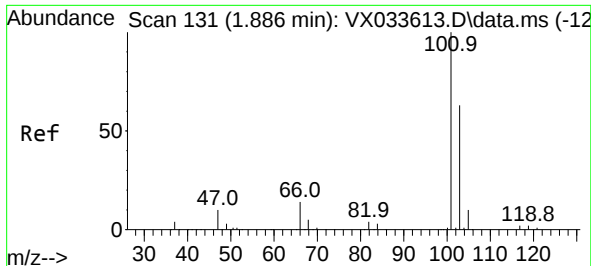
Reviewed By :John Carlone 01/09/2023
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#6
Chloroethane
Concen: 64.498 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033645.D
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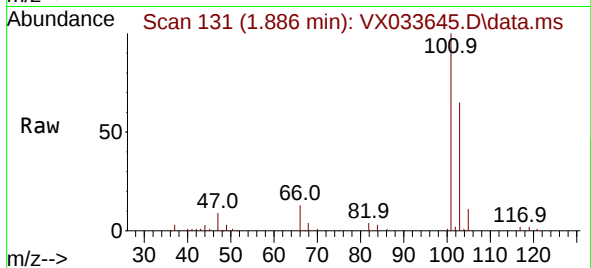
Tgt Ion: 64 Resp: 29884
Ion Ratio Lower Upper
64 100
66 32.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 38.180 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

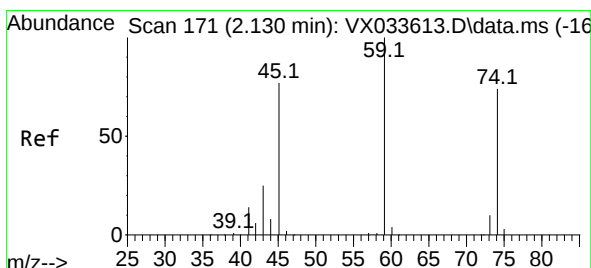
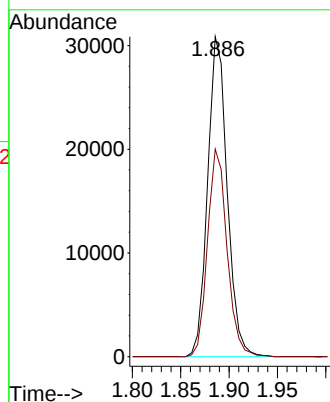
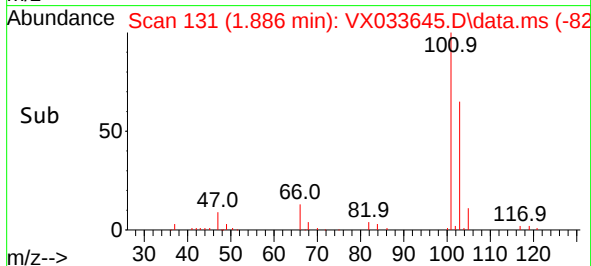
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Tgt Ion:101 Resp: 4343
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

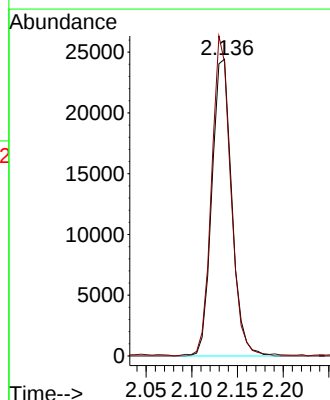
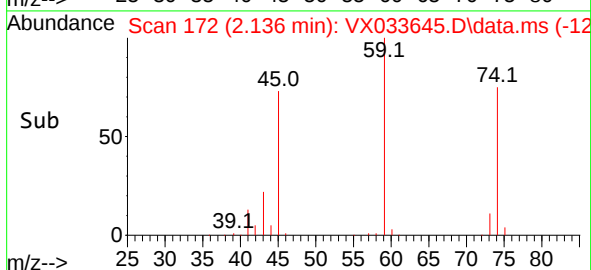
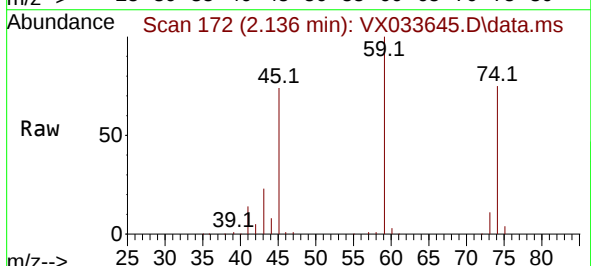
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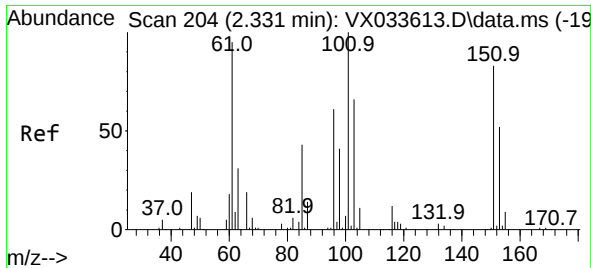
Reviewed By :John Carlone 01/09/2023
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#8
Diethyl Ether
Concen: 103.438 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 74 Resp: 37007
Ion Ratio Lower Upper
74 100
45 104.3 50.1 150.4





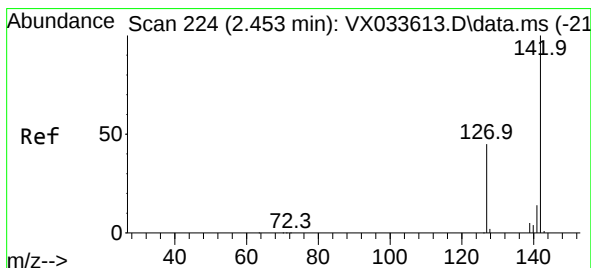
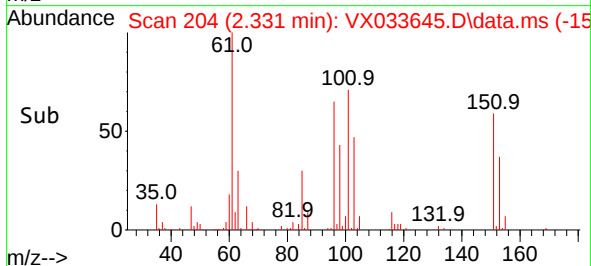
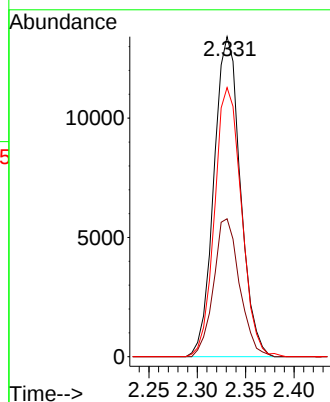
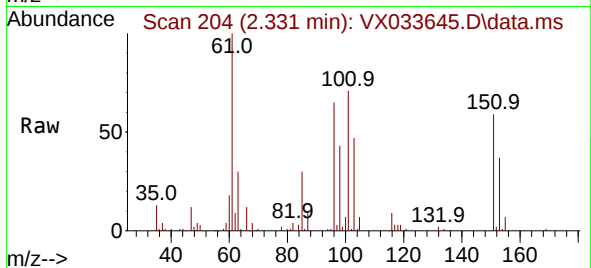
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.789 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25500
Ion Ratio Lower Upper
101 100
85 42.3 35.7 53.5
151 85.3 66.7 100.1

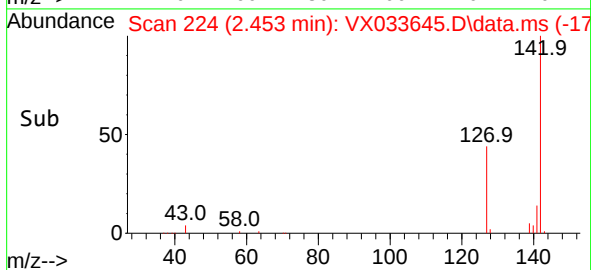
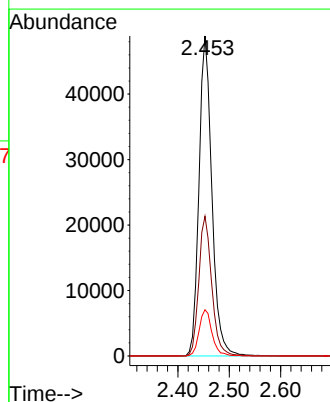
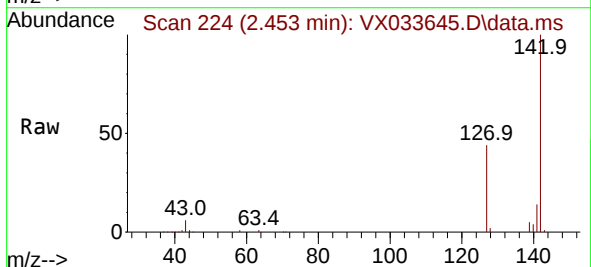
Manual Integrations
APPROVED

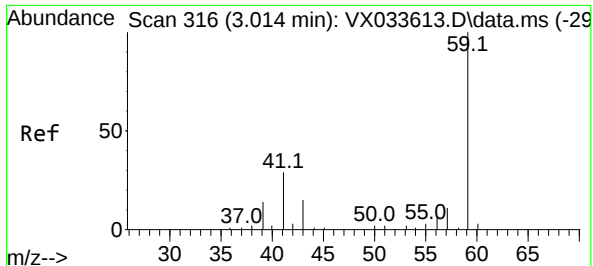
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#10
Methyl Iodide
Concen: 82.078 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

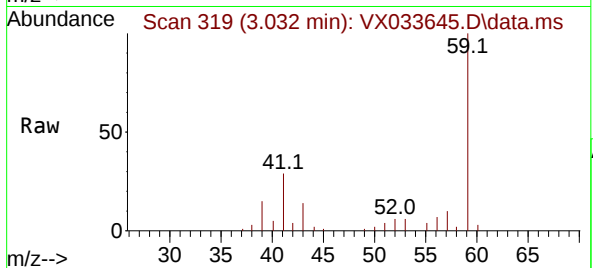
Tgt Ion:142 Resp: 85187
Ion Ratio Lower Upper
142 100
127 43.8 35.7 53.5
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 493.816 ug/l m
RT: 3.032 min Scan# 316
Delta R.T. 0.018 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

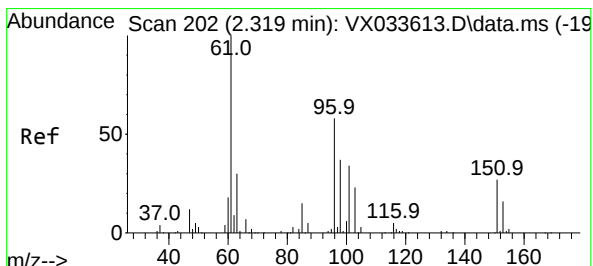
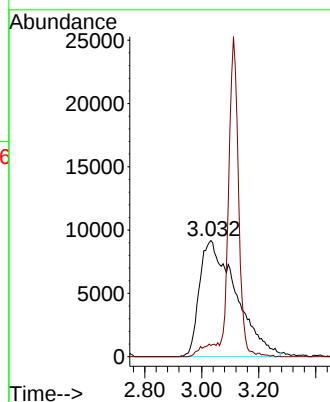
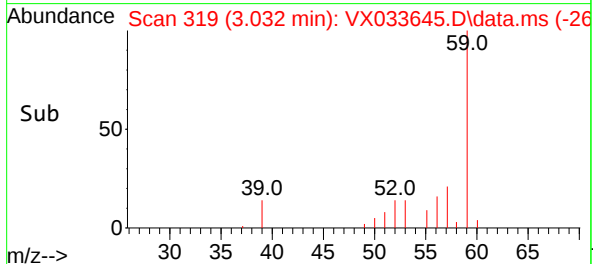
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



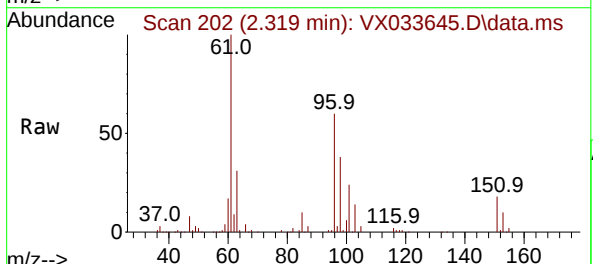
Tgt Ion: 59 Resp: 81792
Ion Ratio Lower Upper
59 100
57 4.6 5.5 8.3

Manual Integrations
APPROVED

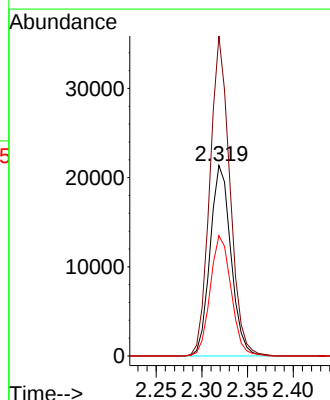
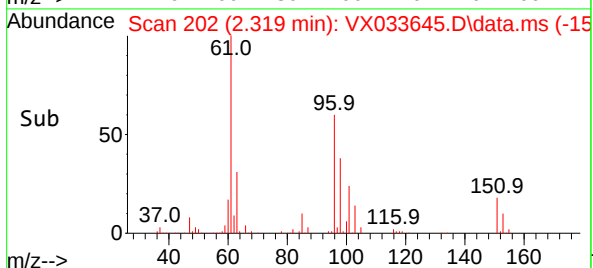
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

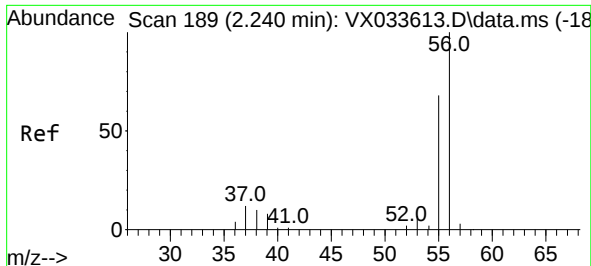


#12
1,1-Dichloroethene
Concen: 64.562 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



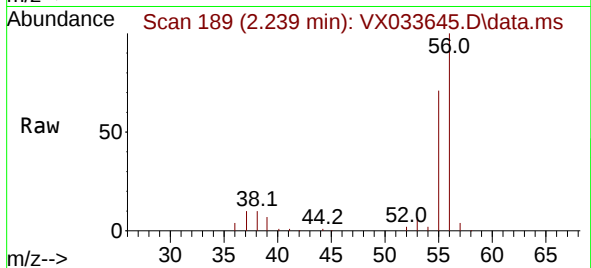
Tgt Ion: 96 Resp: 33877
Ion Ratio Lower Upper
96 100
61 168.0 139.1 208.7
98 63.1 50.8 76.2





#13
Acrolein
Concen: 688.985 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

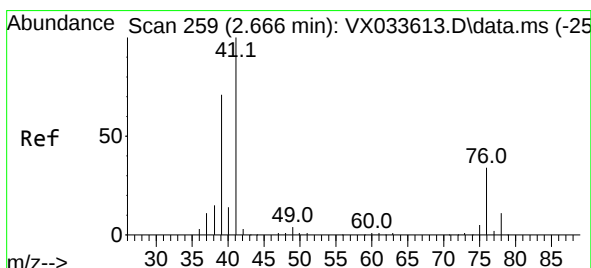
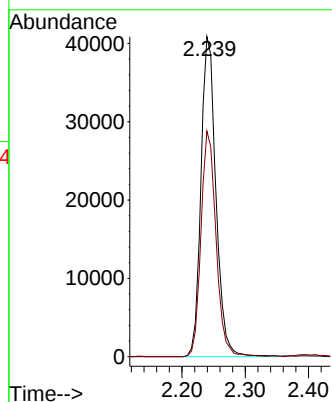
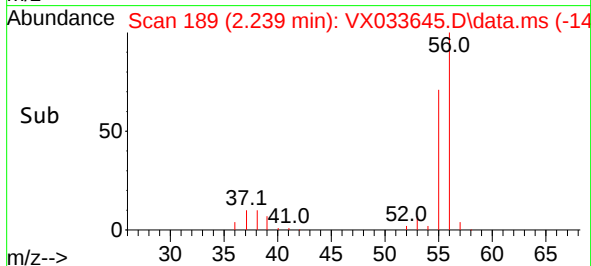
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



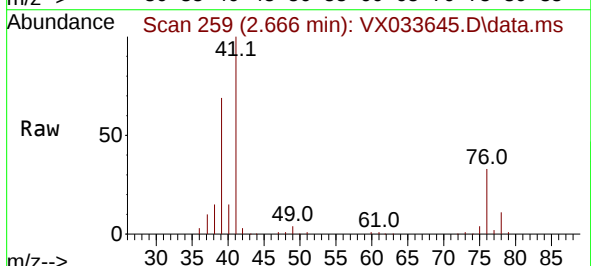
Tgt Ion: 56 Resp: 6740
Ion Ratio Lower Upper
56 100
55 70.8 56.9 85.3

Manual Integrations
APPROVED

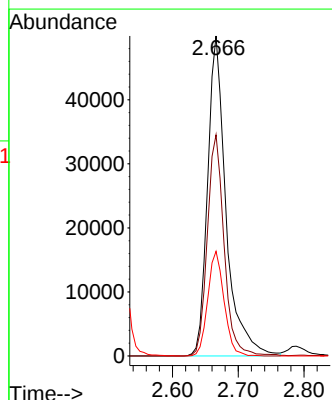
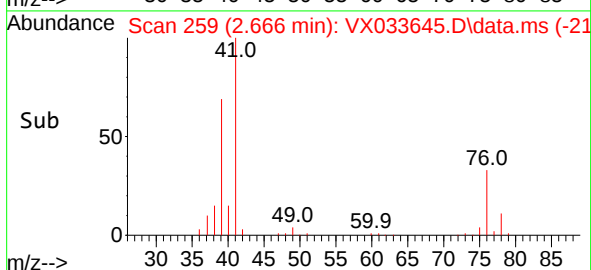
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

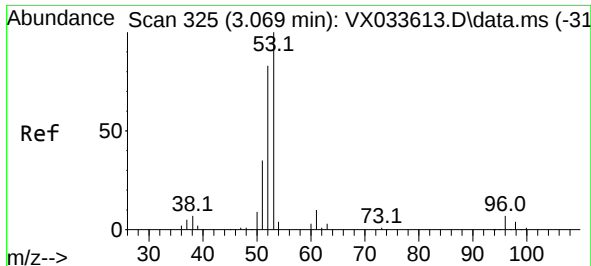


#14
Allyl chloride
Concen: 70.188 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



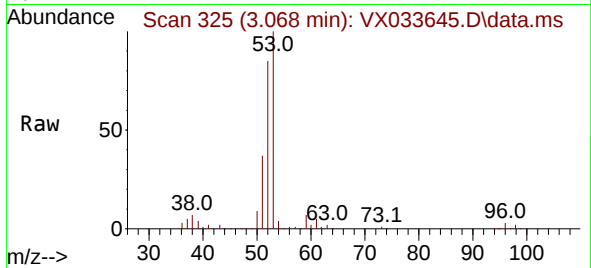
Tgt Ion: 41 Resp: 97801
Ion Ratio Lower Upper
41 100
39 62.9 53.3 79.9
76 28.9 25.0 37.4





#15
Acrylonitrile
Concen: 504.490 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

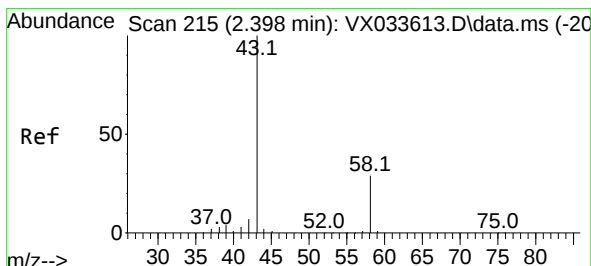
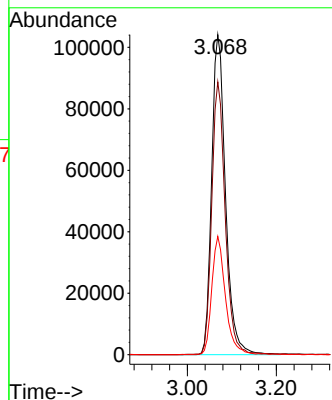
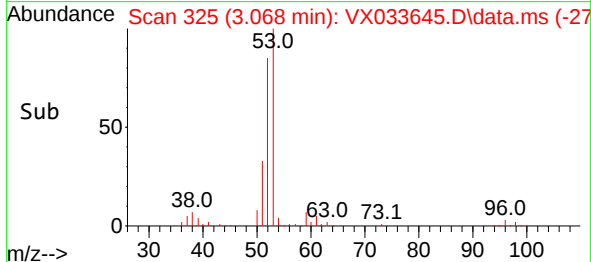
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 226019
Ion Ratio Lower Upper
53 100
52 83.1 66.7 100.1
51 36.6 29.8 44.8

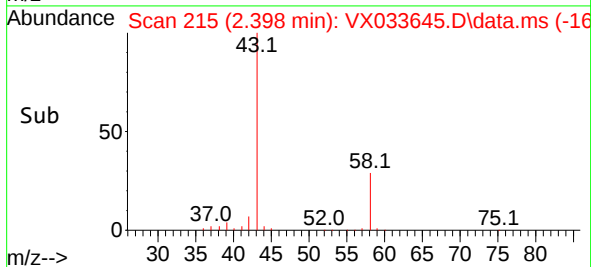
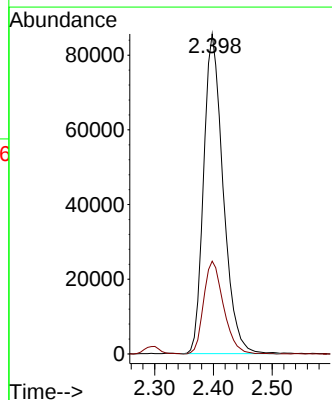
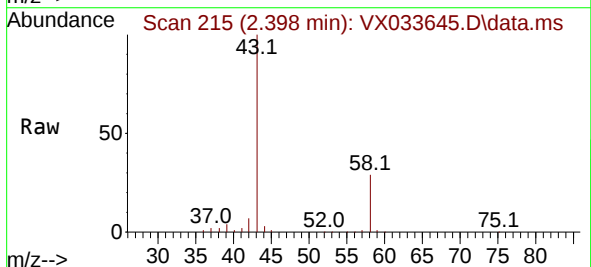
Manual Integrations
APPROVED

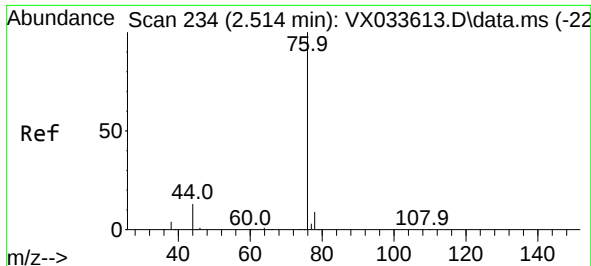
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#16
Acetone
Concen: 593.407 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 43 Resp: 197359
Ion Ratio Lower Upper
43 100
58 29.0 22.9 34.3





#17

Carbon Disulfide

Concen: 43.871 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 84029

Ion Ratio Lower Upper

76 100

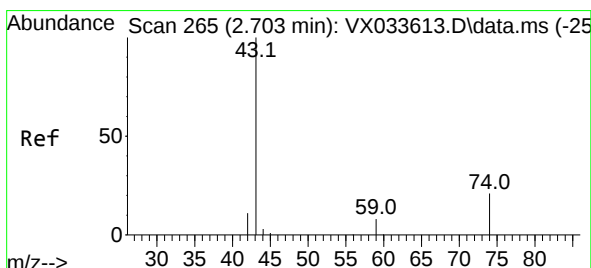
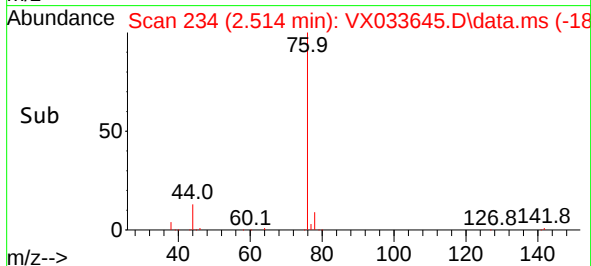
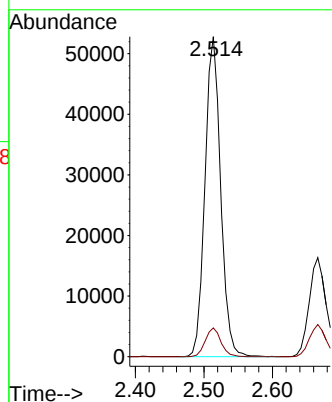
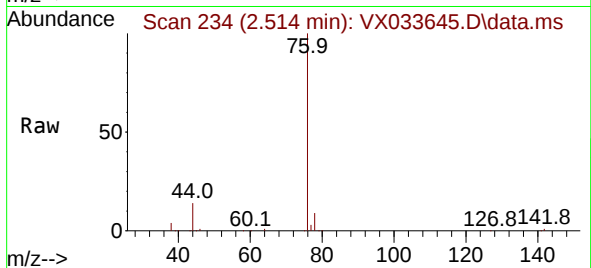
78 9.0 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#18

Methyl Acetate

Concen: 100.430 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX033645.D

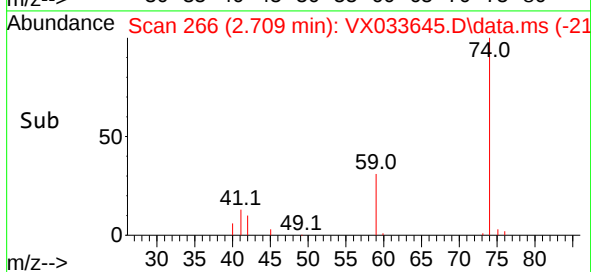
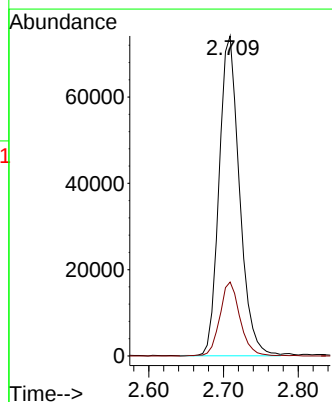
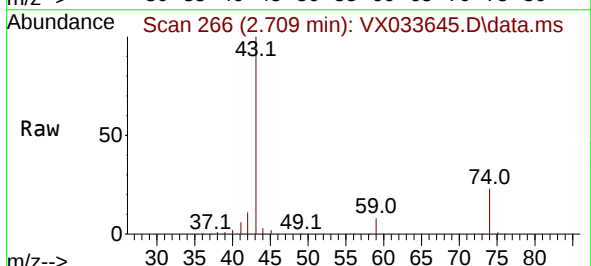
Acq: 06 Jan 2023 20:49

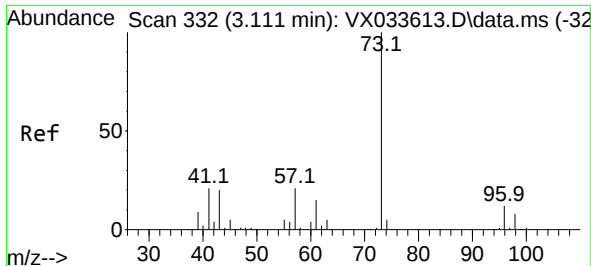
Tgt Ion: 43 Resp: 140353

Ion Ratio Lower Upper

43 100

74 23.0 17.9 26.9





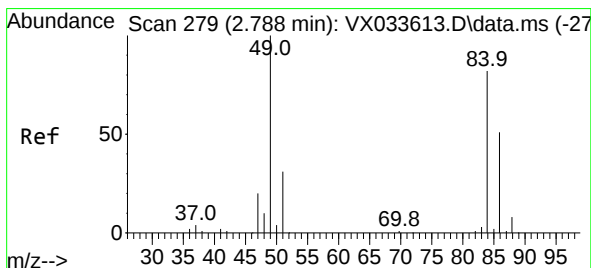
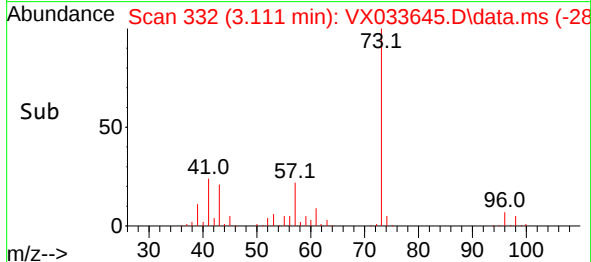
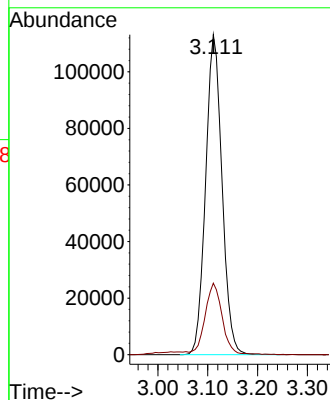
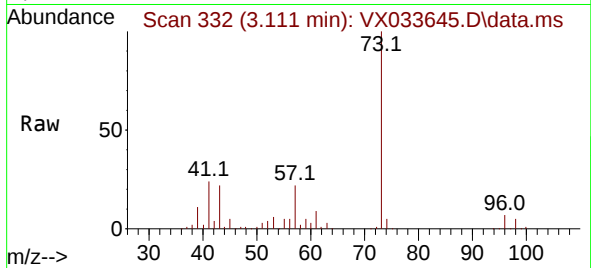
#19
Methyl tert-butyl Ether
Concen: 98.408 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 258070
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2

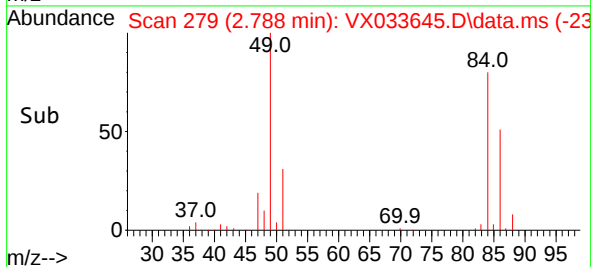
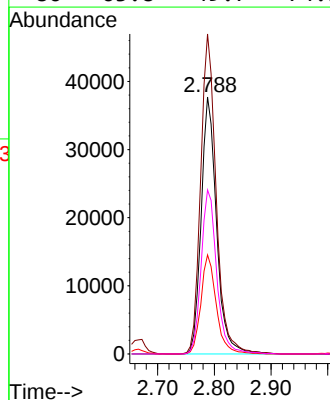
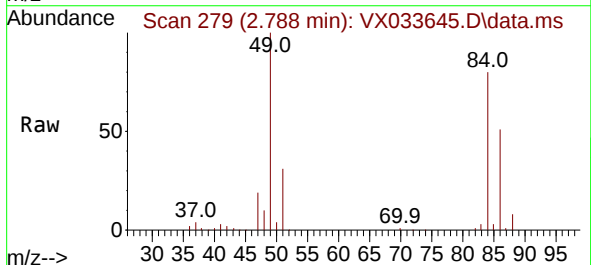
Manual Integrations
APPROVED

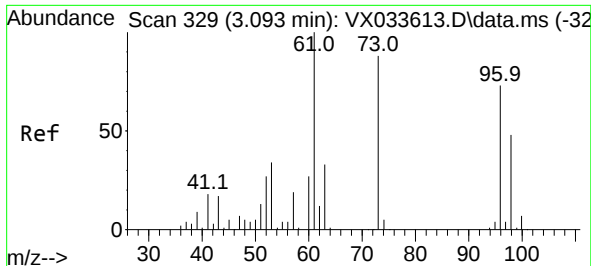
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#20
Methylene Chloride
Concen: 85.396 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

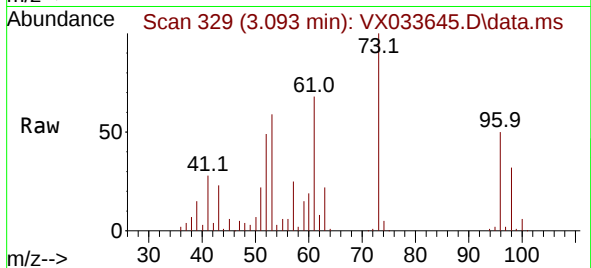
Tgt Ion: 84 Resp: 71200
Ion Ratio Lower Upper
84 100
49 124.5 97.6 146.4
51 38.5 30.4 45.6
86 63.8 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 55.621 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

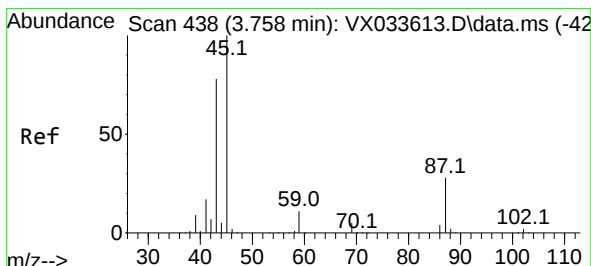
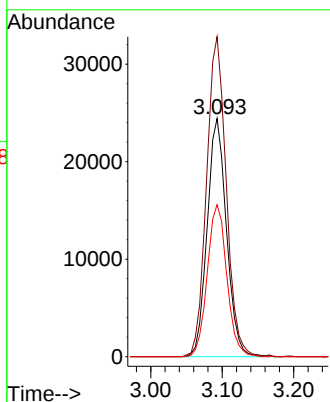
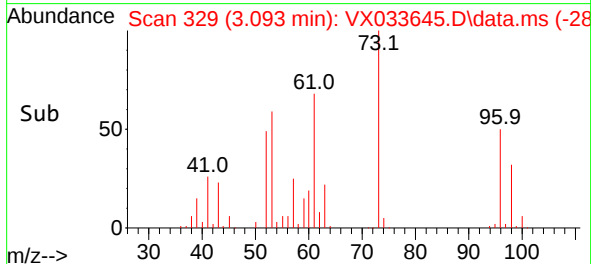
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



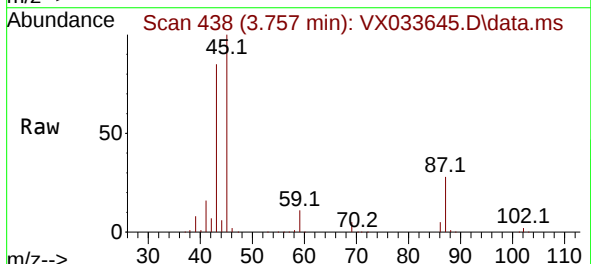
Tgt Ion: 96 Resp: 45838
Ion Ratio Lower Upper
96 100
61 134.4 109.7 164.5
98 63.9 52.2 78.2

Manual Integrations
APPROVED

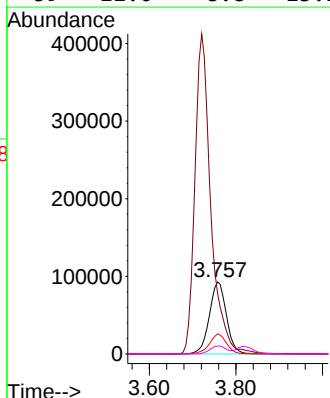
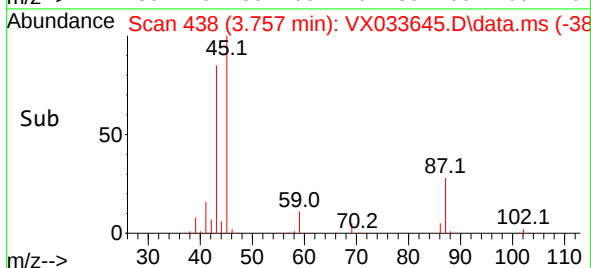
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

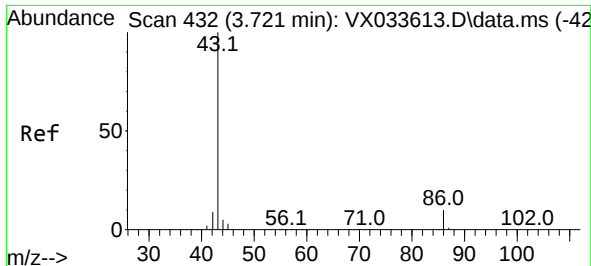


#22
Diisopropyl ether
Concen: 90.329 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



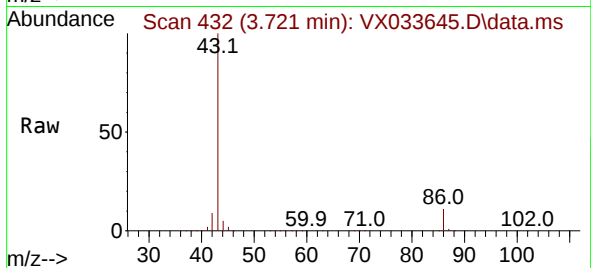
Tgt Ion: 45 Resp: 253604
Ion Ratio Lower Upper
45 100
43 84.6 62.6 93.8
87 27.9 22.1 33.1
59 11.0 8.8 13.2





#23
 Vinyl Acetate
 Concen: 488.575 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033645.D
 Acq: 06 Jan 2023 20:49

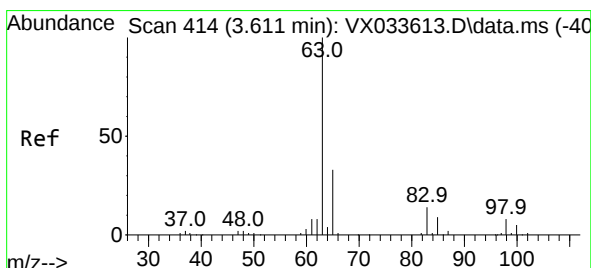
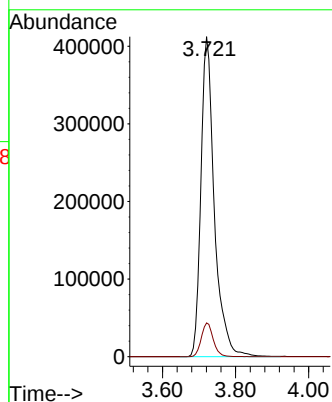
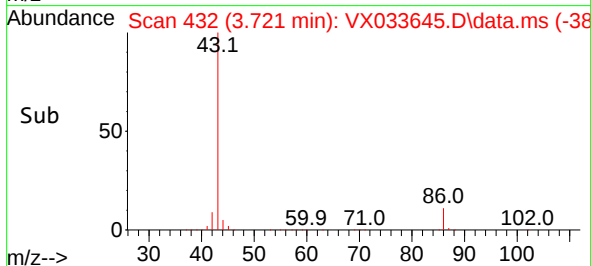
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



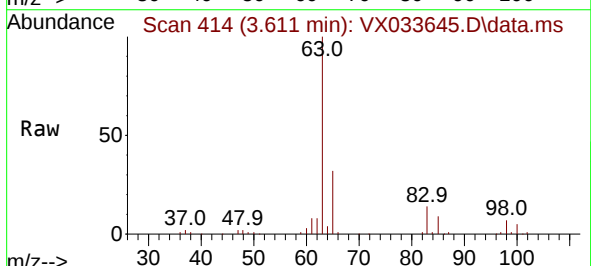
Tgt Ion: 43 Resp: 1053310
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.3 12.5

Manual Integrations
 APPROVED

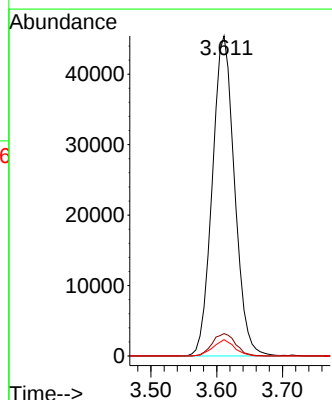
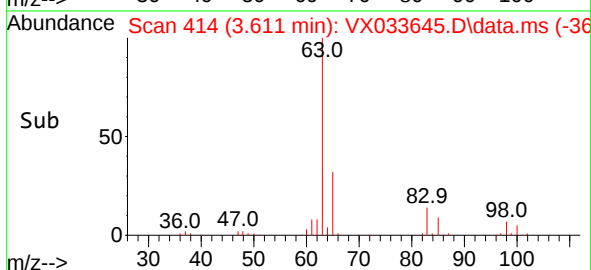
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

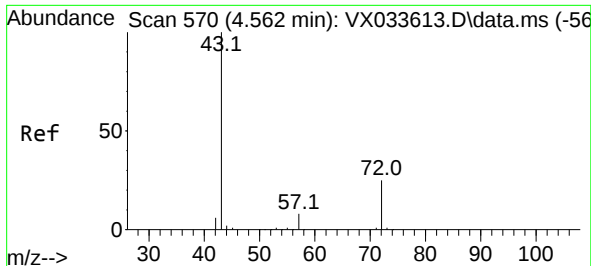


#24
 1,1-Dichloroethane
 Concen: 70.478 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033645.D
 Acq: 06 Jan 2023 20:49



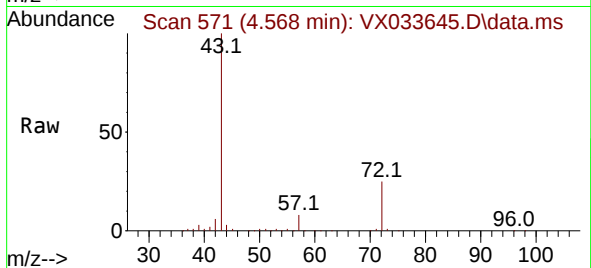
Tgt Ion: 63 Resp: 107059
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 5.1 2.5 7.6





#25
2-Butanone
Concen: 484.501 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

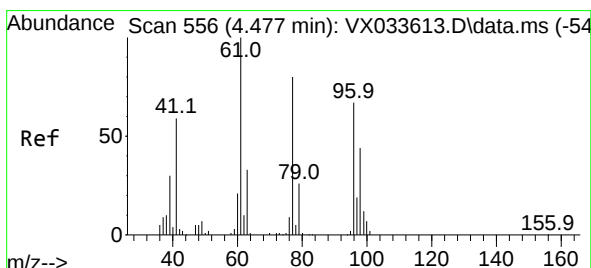
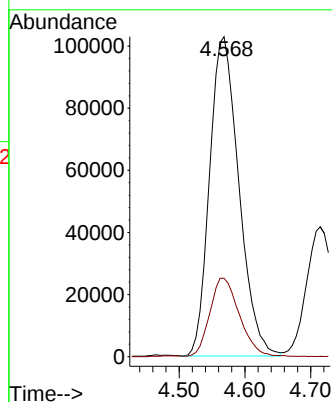
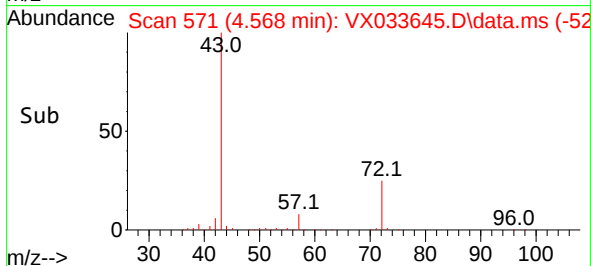
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31896
Ion Ratio Lower Upper
43 100
72 24.3 19.8 29.6

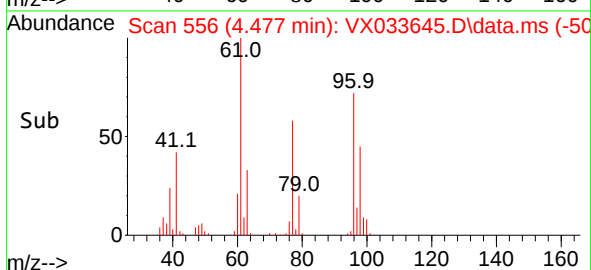
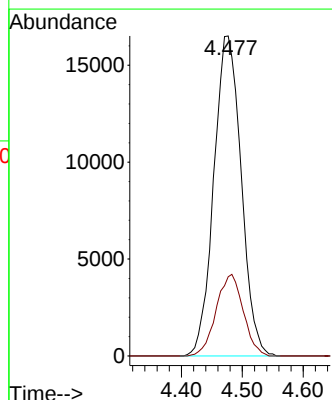
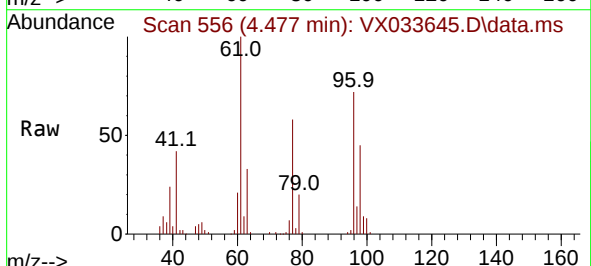
Manual Integrations
APPROVED

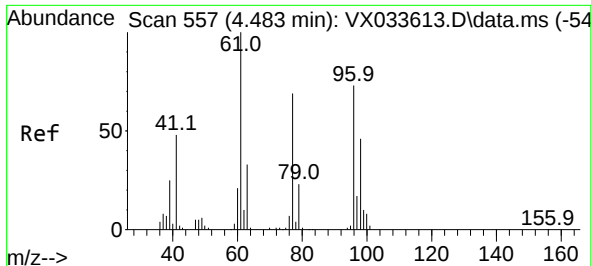
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#26
2,2-Dichloropropane
Concen: 49.049 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 77 Resp: 51509
Ion Ratio Lower Upper
77 100
97 25.2 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 71.882 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 68708

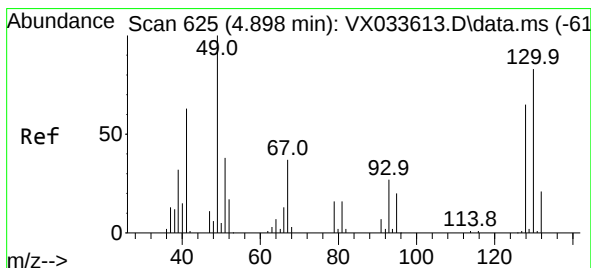
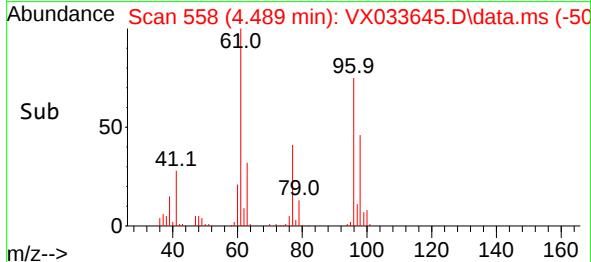
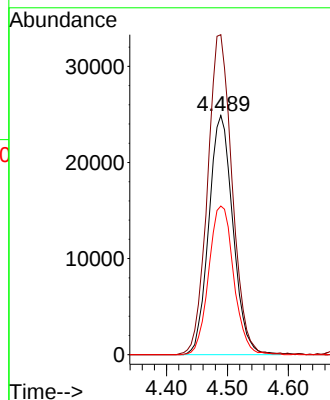
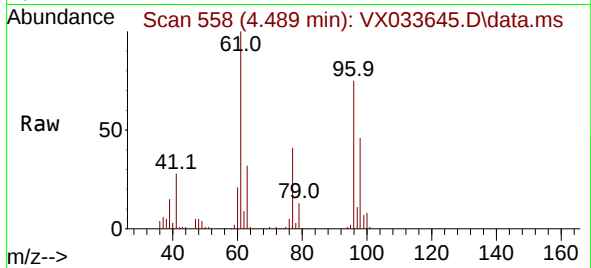
Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	283.8
98	64.1	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#28

Bromochloromethane

Concen: 83.313 ug/l

RT: 4.897 min Scan# 625

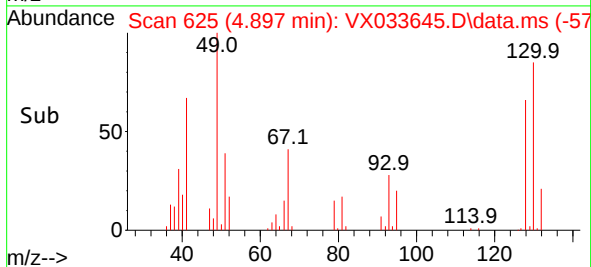
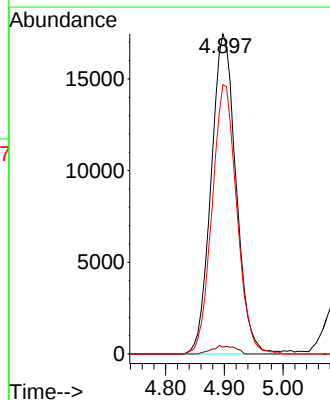
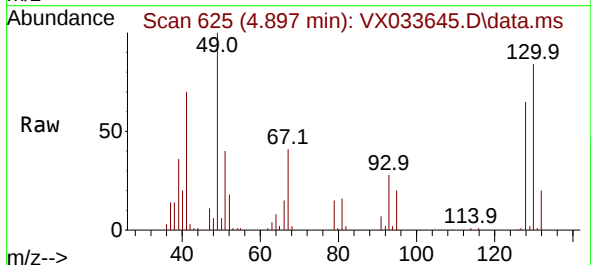
Delta R.T. -0.000 min

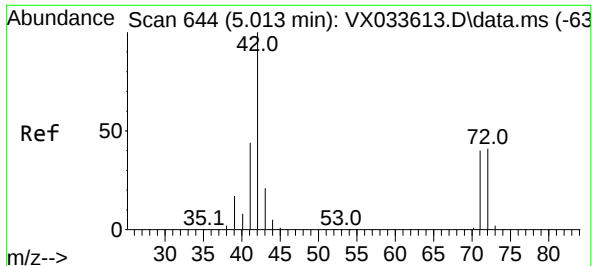
Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion: 49 Resp: 51409

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	83.4	66.6	100.0





#29

Tetrahydrofuran

Concen: 502.275 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.000 min

Lab File: VX033645.D

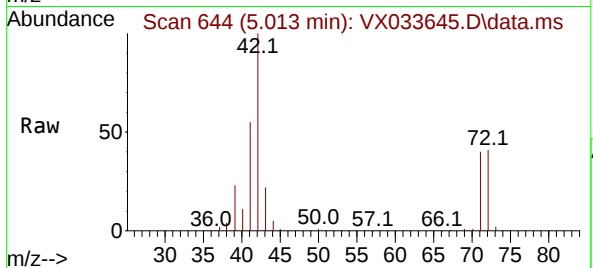
Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



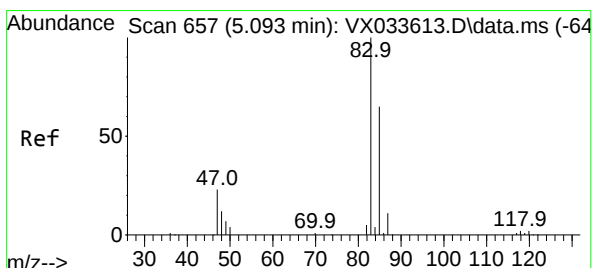
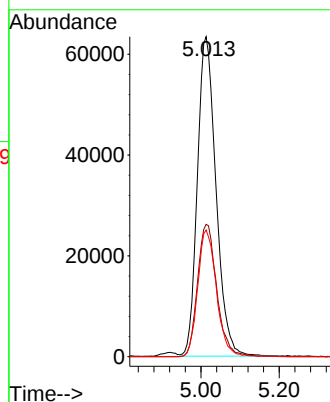
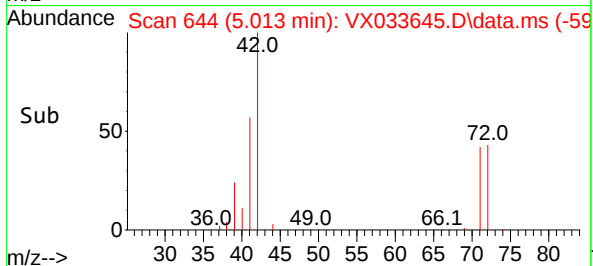
Tgt Ion:	42	Resp:	209724
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.4
71	39.8	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#30

Chloroform

Concen: 74.167 ug/l

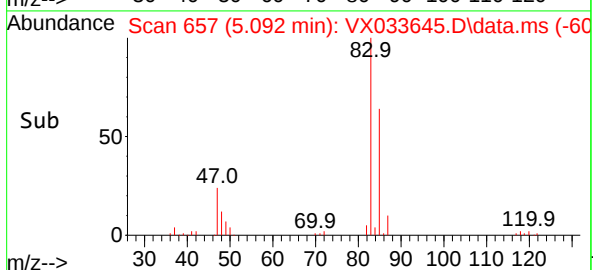
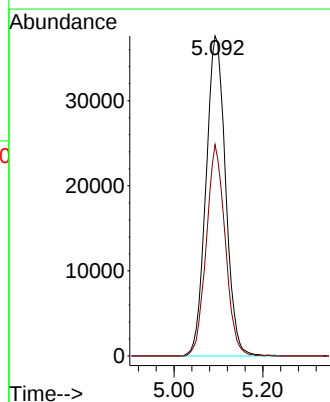
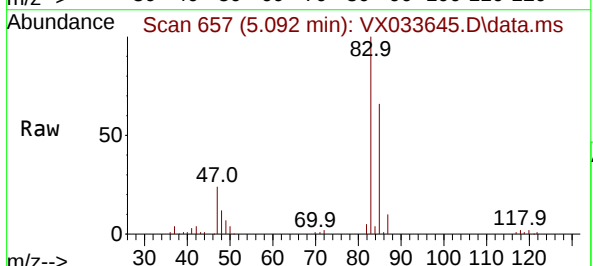
RT: 5.092 min Scan# 657

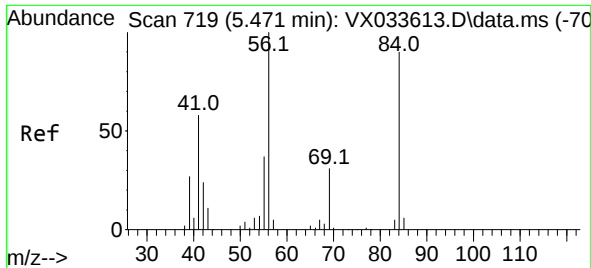
Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

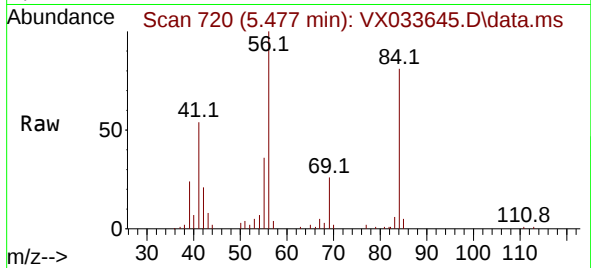
Tgt Ion:	83	Resp:	115095
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.2





#31
Cyclohexane
Concen: 31.967 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

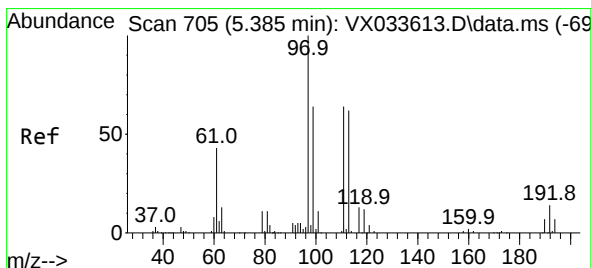
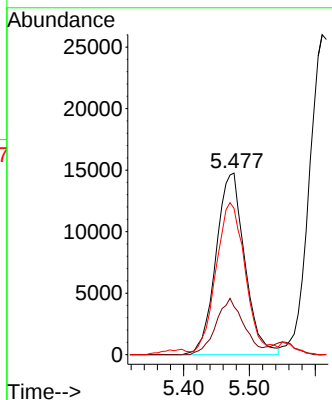
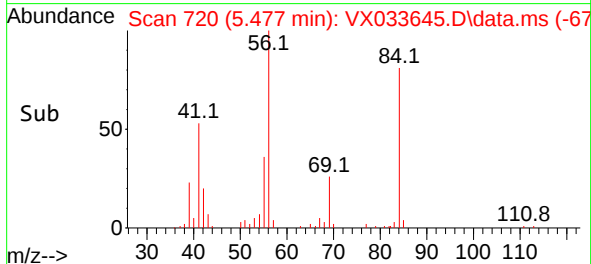
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4486
Ion Ratio Lower Upper
56 100
69 25.8 24.6 36.8
84 77.9 72.2 108.2

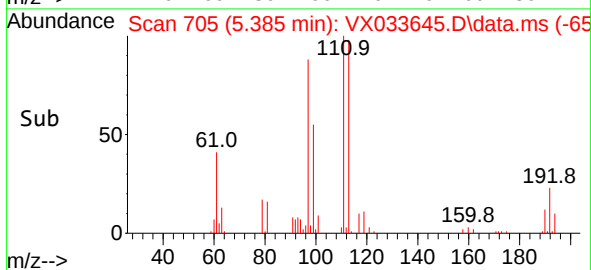
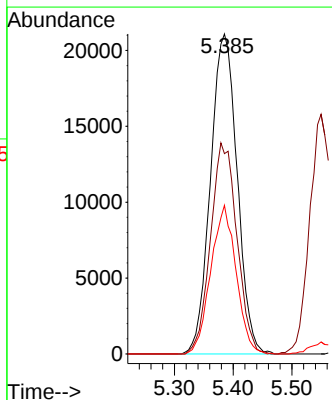
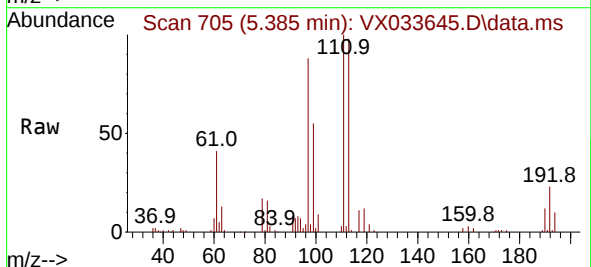
Manual Integrations
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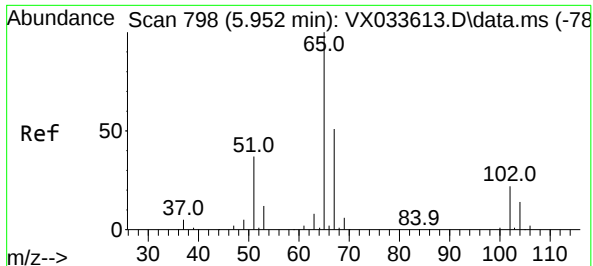
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#32
1,1,1-Trichloroethane
Concen: 49.548 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 97 Resp: 66484
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 44.2 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 88.441 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 89172

Ion Ratio Lower Upper

65 100

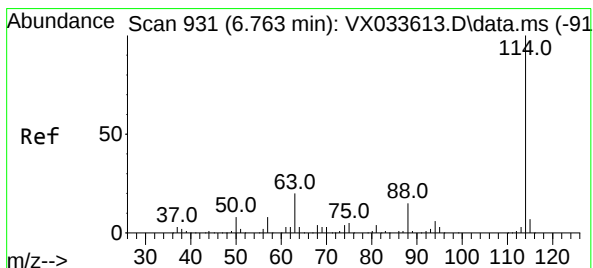
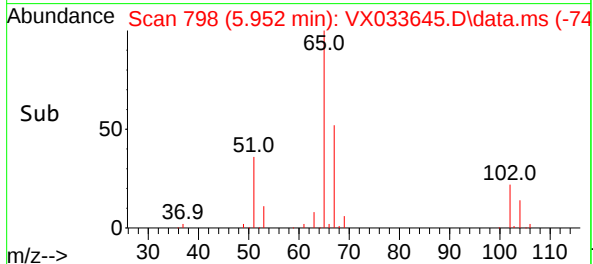
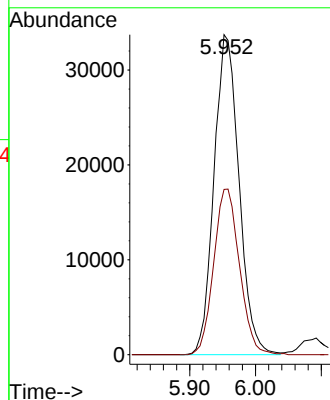
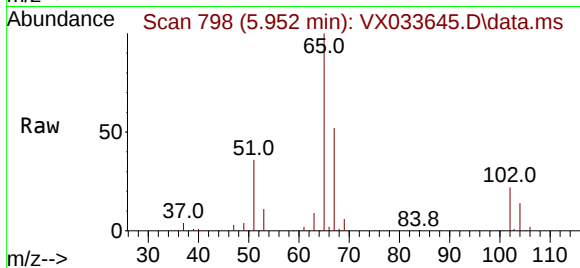
67 53.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

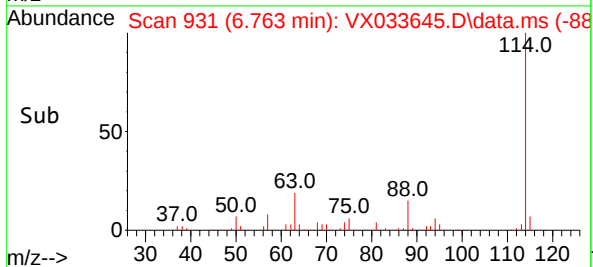
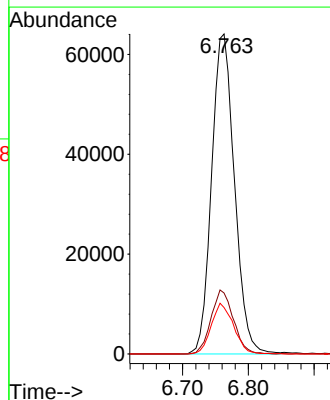
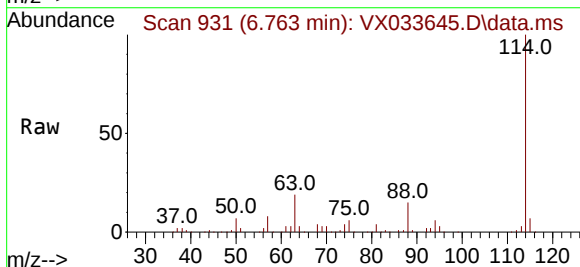
Tgt Ion:114 Resp: 155074

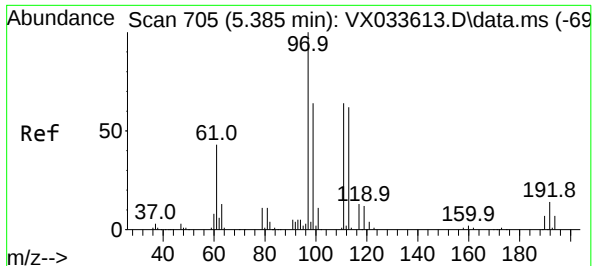
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

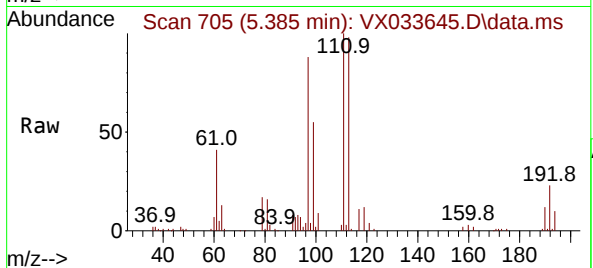
88 14.5 0.0 29.6





#35
Dibromofluoromethane
Concen: 67.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

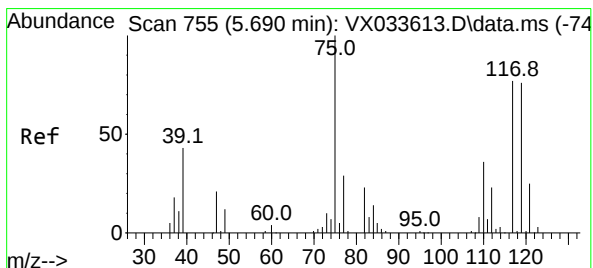
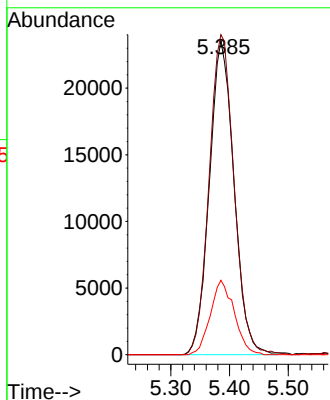
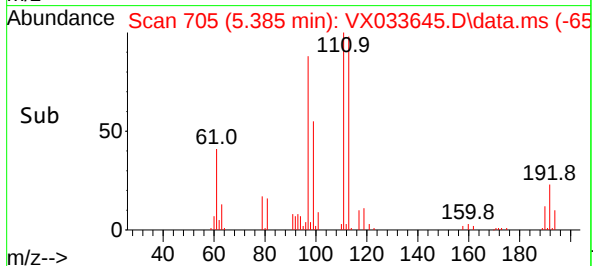
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



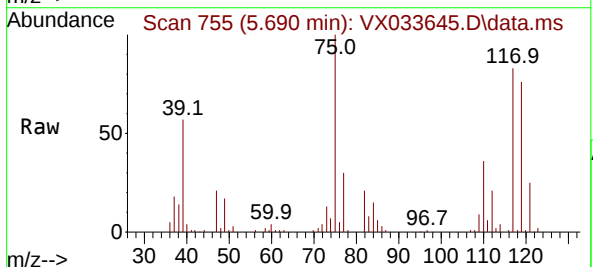
Tgt Ion: 113 Resp: 68609
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 23.0 18.2 27.2

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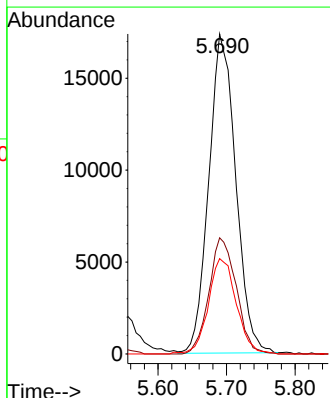
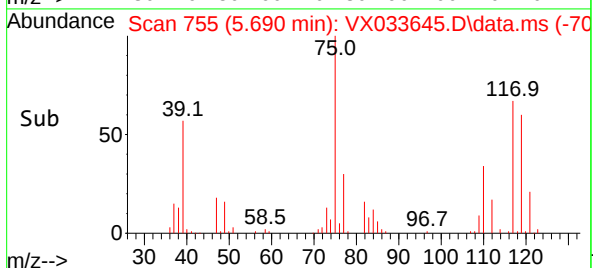
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

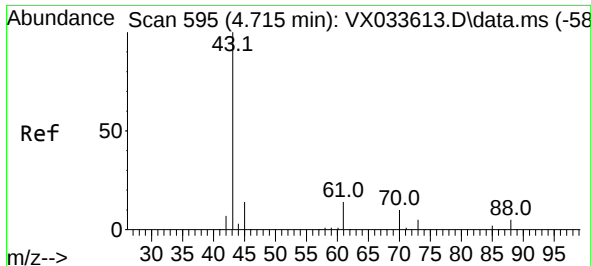


#36
1,1-Dichloropropene
Concen: 34.349 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



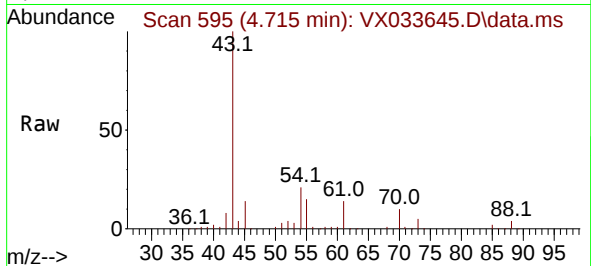
Tgt Ion: 75 Resp: 47425
Ion Ratio Lower Upper
75 100
110 36.8 18.0 54.0
77 31.0 24.5 36.7





#37
Ethyl Acetate
Concen: 83.934 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

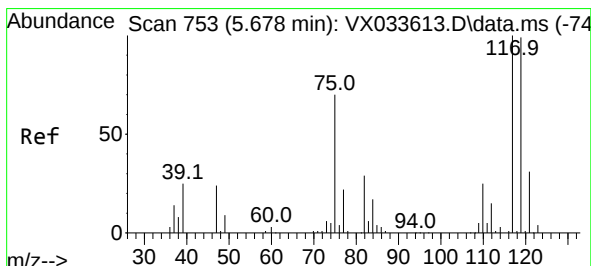
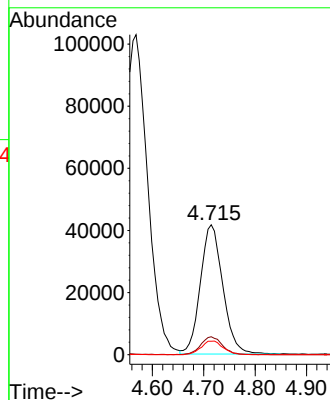
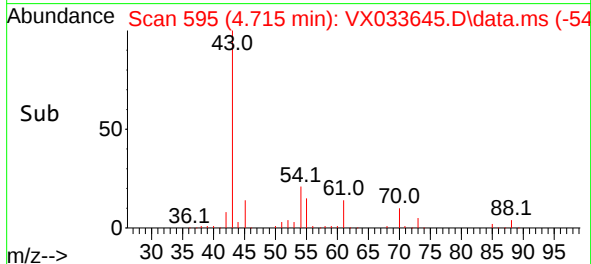
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 126162
Ion Ratio Lower Upper
43 100
61 13.4 10.6 16.0
70 10.4 8.1 12.1

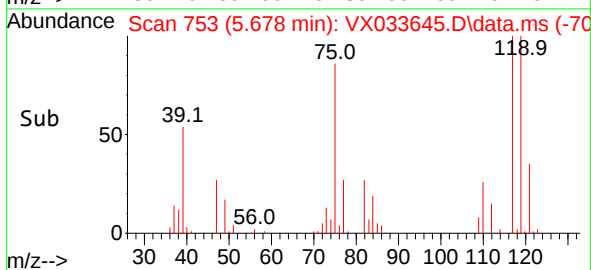
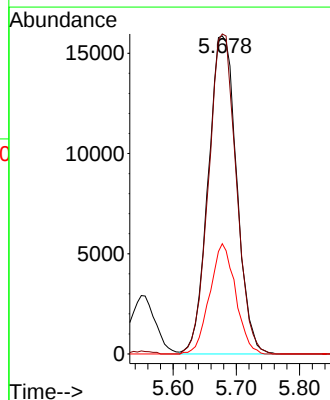
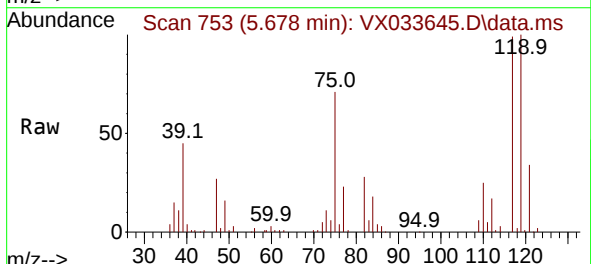
Manual Integrations
APPROVED

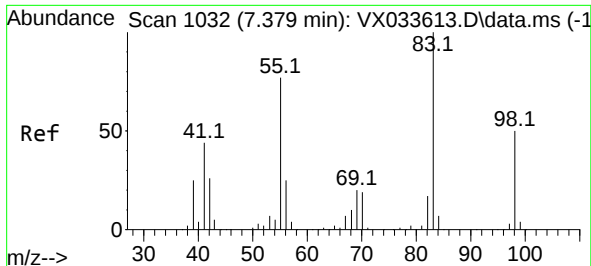
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#38
Carbon Tetrachloride
Concen: 33.849 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion:117 Resp: 49458
Ion Ratio Lower Upper
117 100
119 100.6 78.8 118.2
121 34.6 24.9 37.3





#39

Methylcyclohexane

Concen: 25.654 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 44225

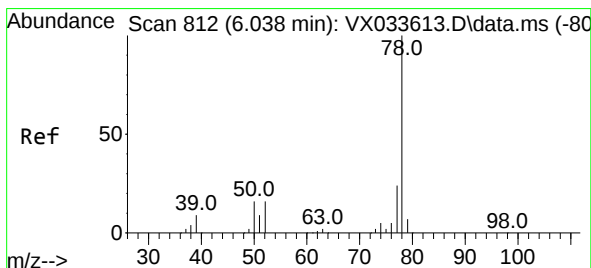
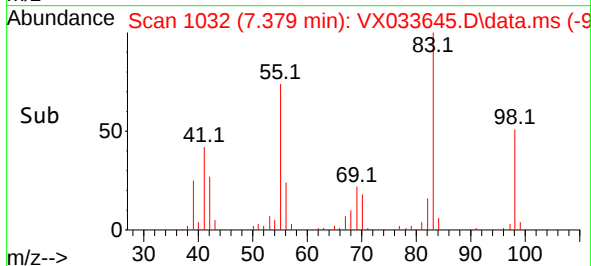
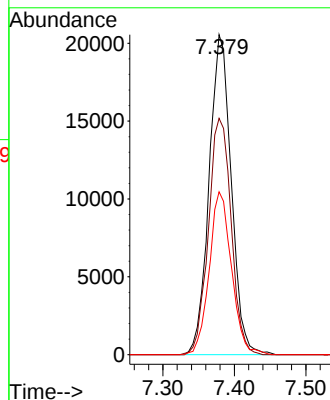
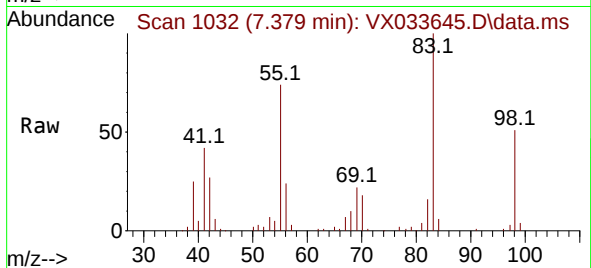
Ion	Ratio	Lower	Upper
83	100		
55	73.9	61.4	92.2
98	50.9	40.2	60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#40

Benzene

Concen: 52.862 ug/l

RT: 6.037 min Scan# 812

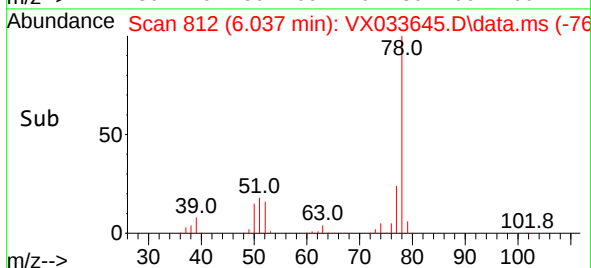
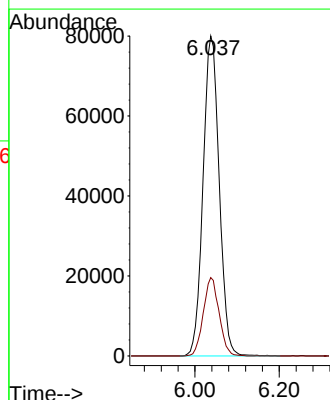
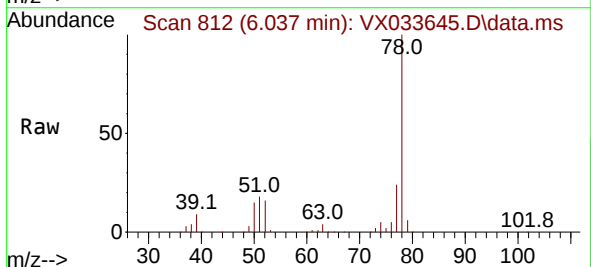
Delta R.T. -0.000 min

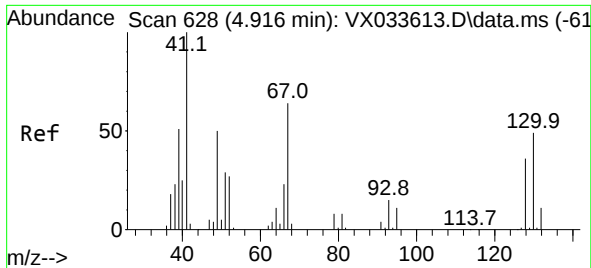
Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion: 78 Resp: 213321

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.6





#41
Methacrylonitrile
Concen: 85.596 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

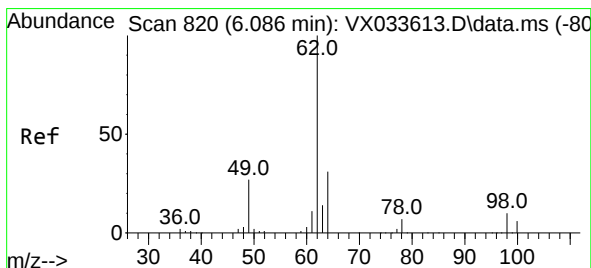
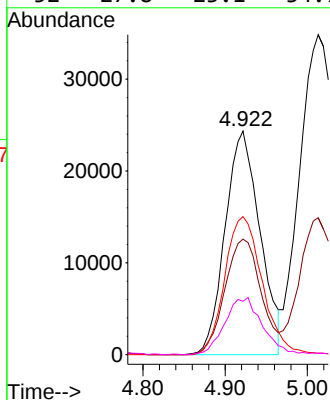
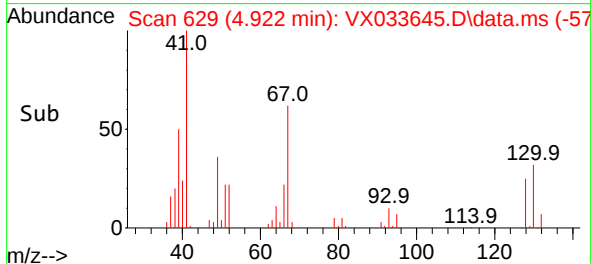
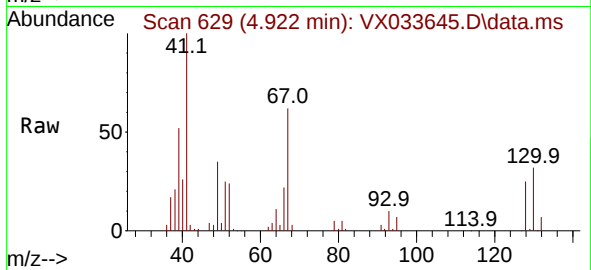
Tgt Ion: 41 Resp: 71804
Ion Ratio Lower Upper
41 100
39 53.6 44.1 66.1
67 66.5 53.8 80.6
52 27.8 23.1 34.7

Manual Integrations

APPROVED

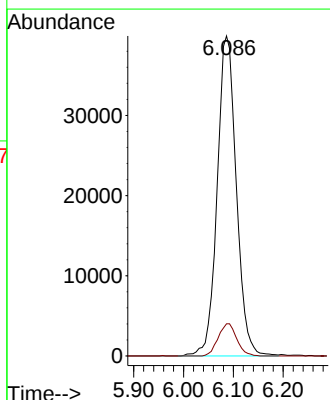
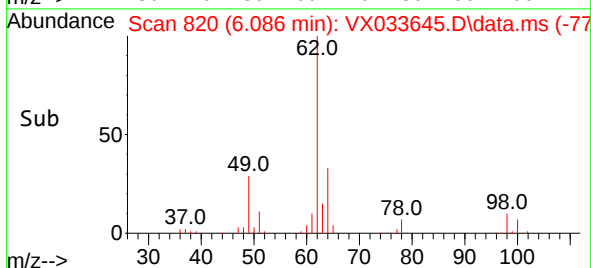
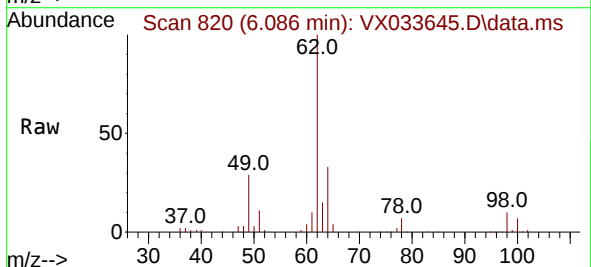
Reviewed By :John Carlone 01/09/2023

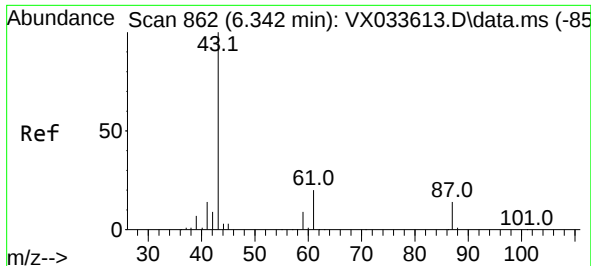
Supervised By :Mahesh Dadoda 01/09/2023



#42
1,2-Dichloroethane
Concen: 70.747 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 62 Resp: 106421
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0





#43

Isopropyl Acetate

Concen: 83.465 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX033645.D

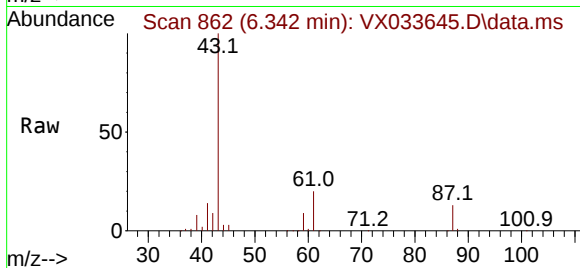
Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



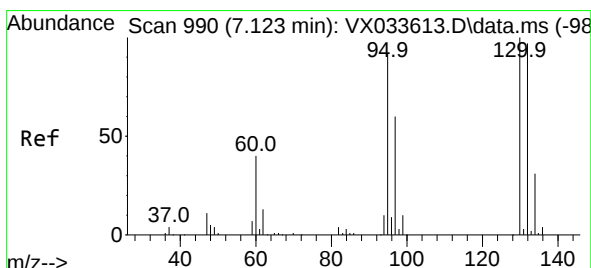
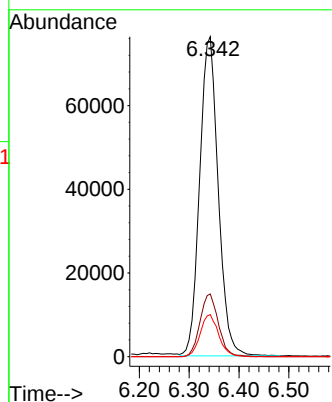
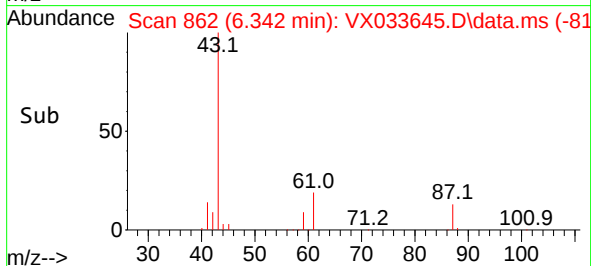
Tgt Ion:	43	Resp:	197029
Ion Ratio	Lower	Upper	
43	100		
61	19.5	15.2	22.8
87	13.1	10.6	16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#44

Trichloroethene

Concen: 40.798 ug/l

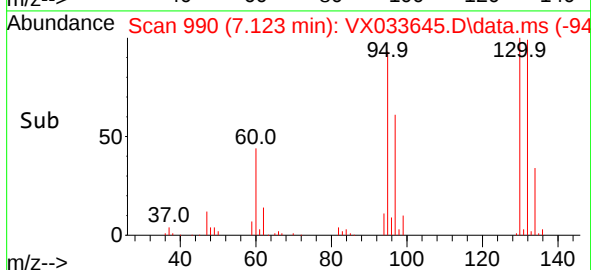
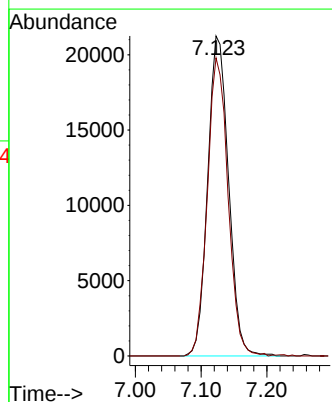
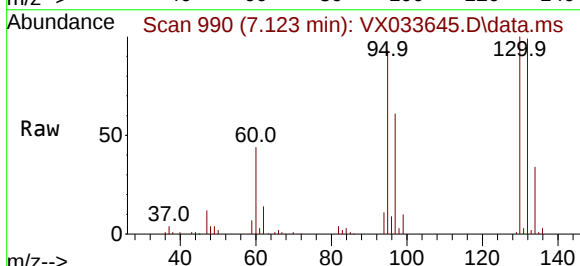
RT: 7.123 min Scan# 990

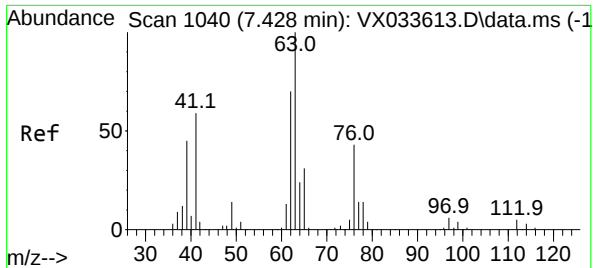
Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion:	130	Resp:	46981
Ion Ratio	Lower	Upper	
130	100		
95	93.1	0.0	183.0





#45

1,2-Dichloropropane

Concen: 63.602 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6611

Ion Ratio Lower Upper

63 100

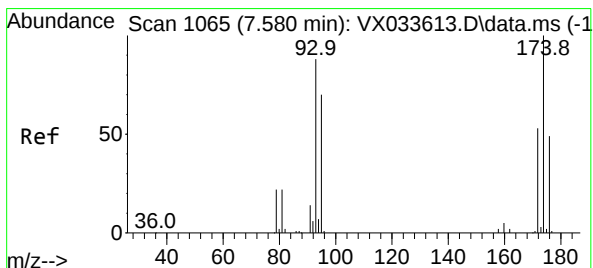
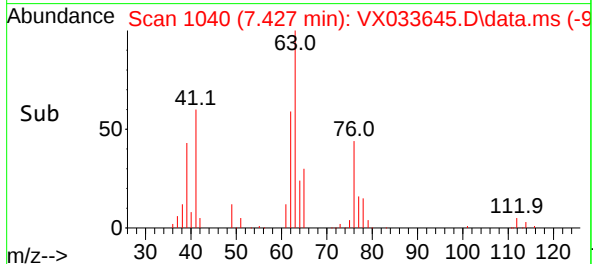
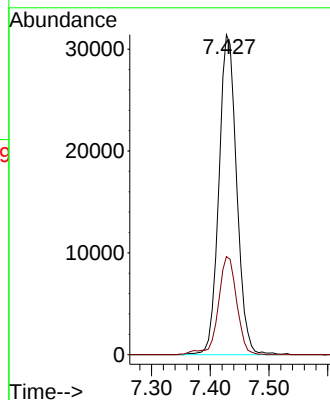
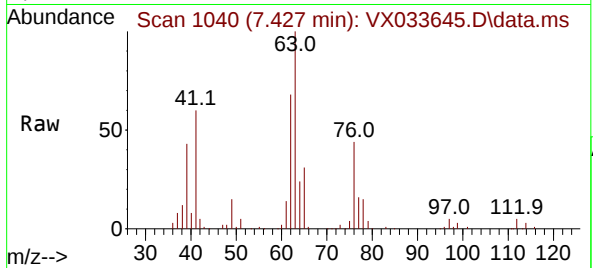
65 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#46

Dibromomethane

Concen: 72.185 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

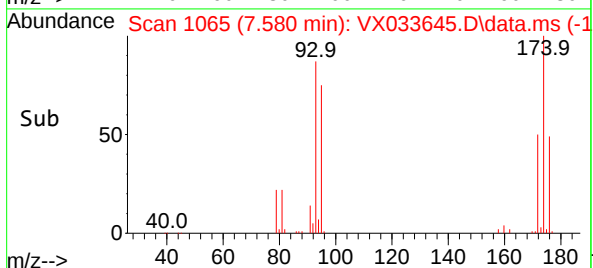
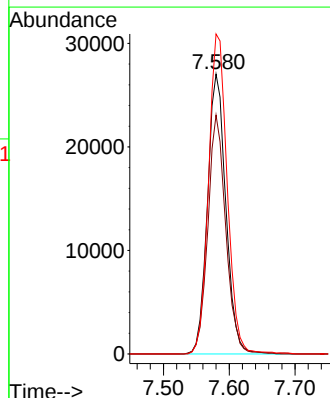
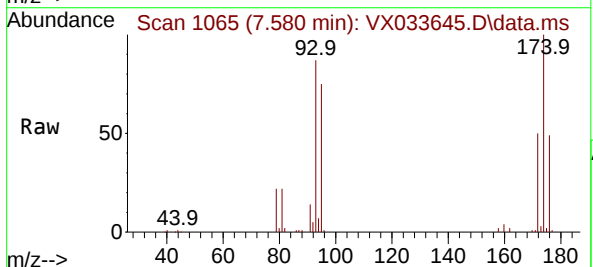
Tgt Ion: 93 Resp: 52535

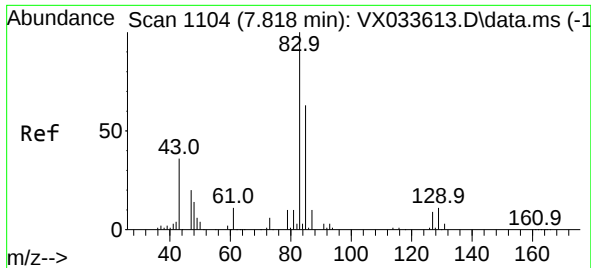
Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

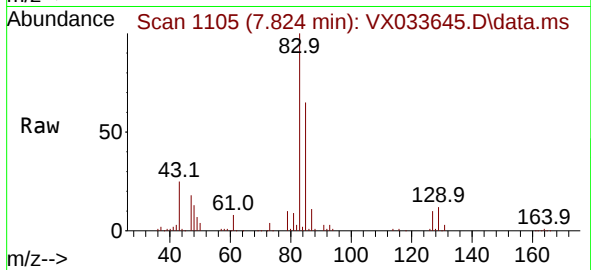
174 116.7 92.5 138.7





#47
Bromodichloromethane
Concen: 66.210 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

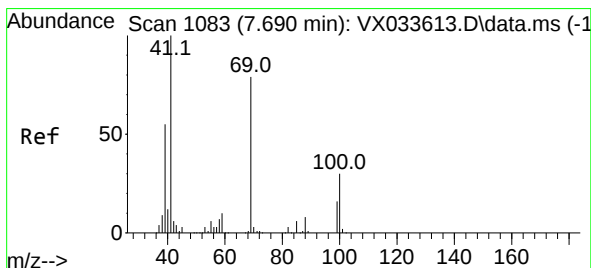
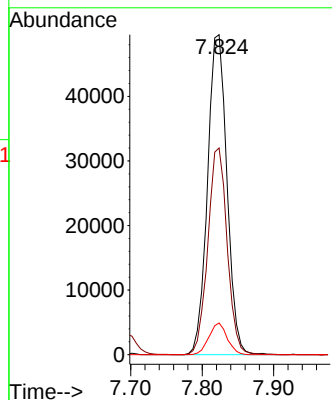
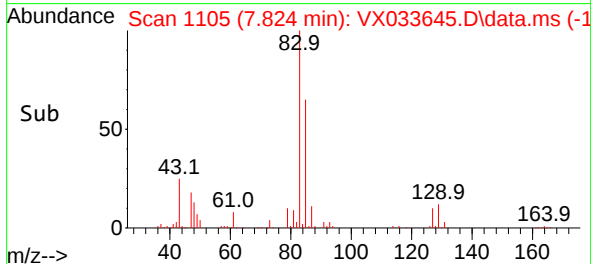
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 93354
Ion Ratio Lower Upper
83 100
85 64.6 50.6 76.0
127 9.9 7.3 10.9

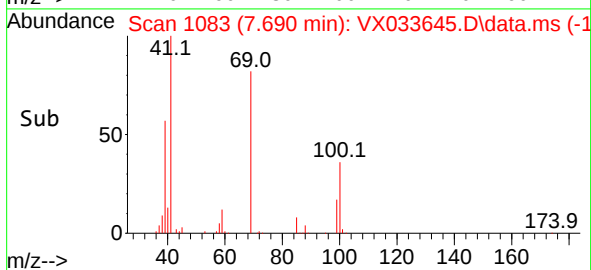
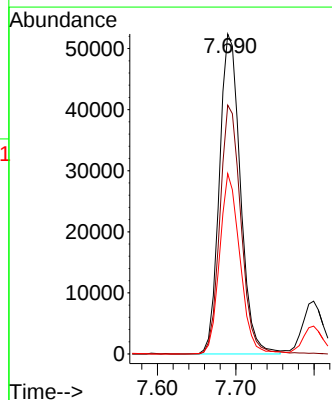
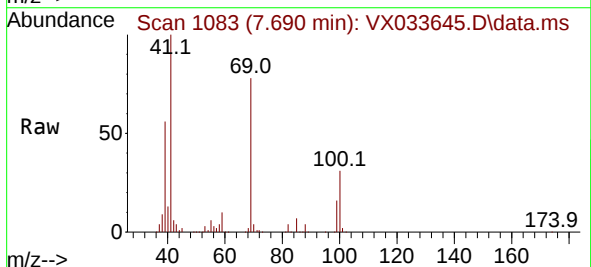
Manual Integrations
APPROVED

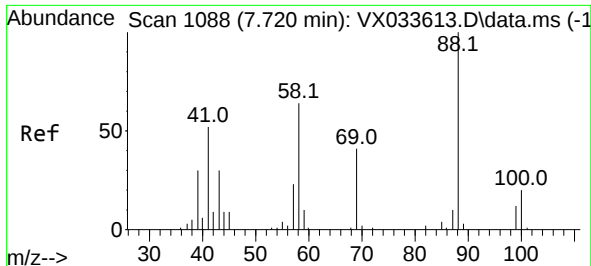
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#48
Methyl methacrylate
Concen: 81.685 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 41 Resp: 97606
Ion Ratio Lower Upper
41 100
69 78.1 63.1 94.7
39 54.7 44.8 67.2





#49

1,4-Dioxane

Concen: 1668.483 ug/l

RT: 7.738 min Scan# 1088

Delta R.T. 0.018 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 42400

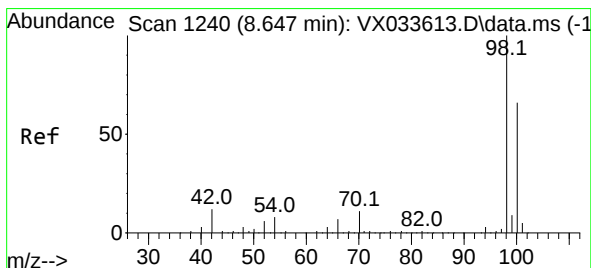
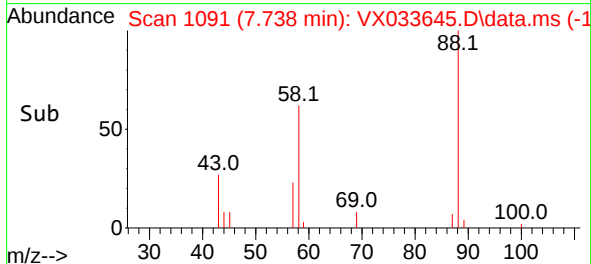
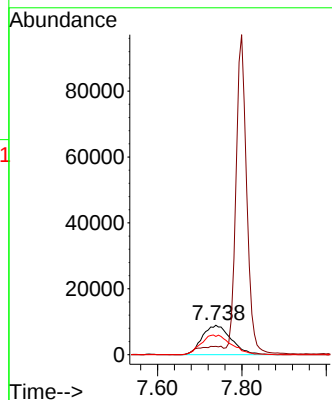
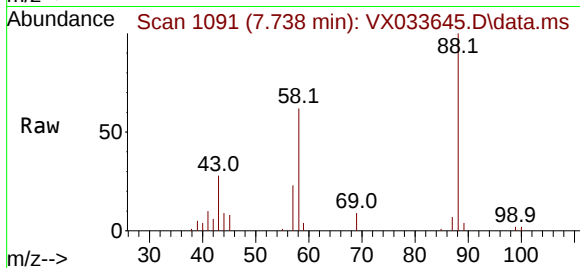
Ion	Ratio	Lower	Upper
88	100		
43	25.3	24.1	36.1
58	69.9	57.1	85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#50

Toluene-d8

Concen: 46.572 ug/l

RT: 8.647 min Scan# 1240

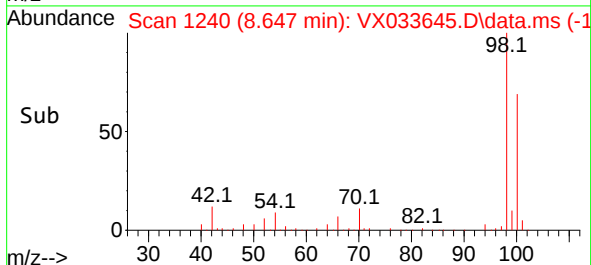
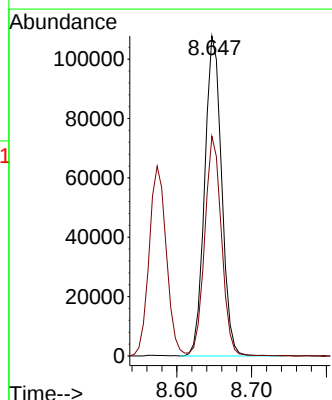
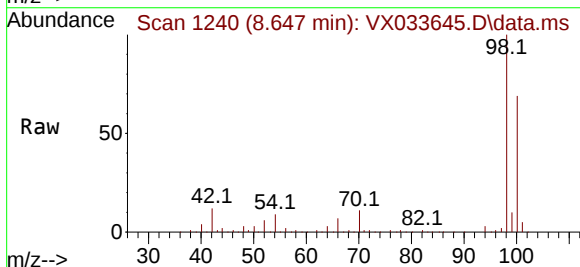
Delta R.T. -0.000 min

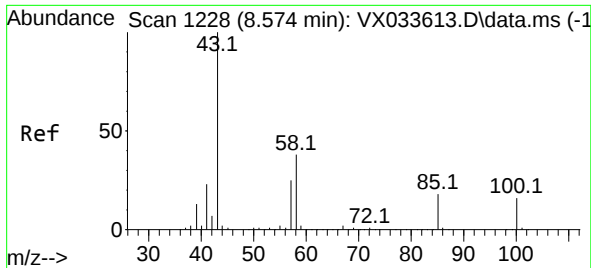
Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion: 98 Resp: 169669

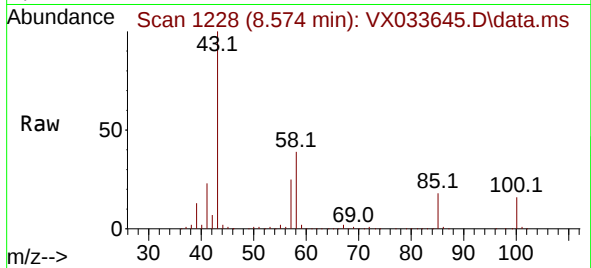
Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 416.367 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

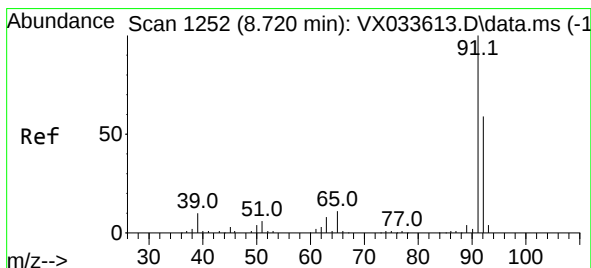
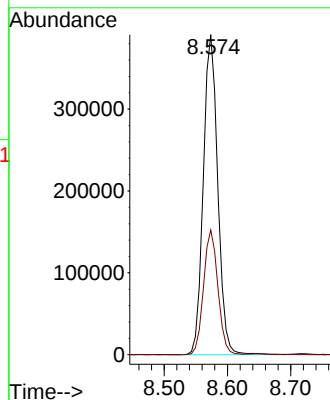
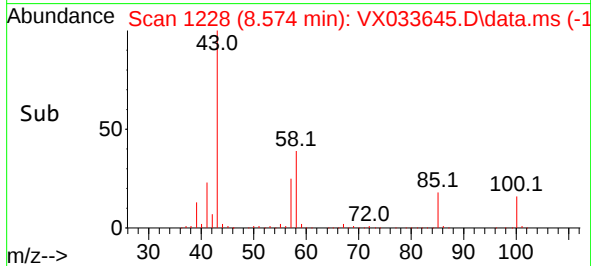
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 622092
Ion Ratio Lower Upper
43 100
58 38.7 30.5 45.7

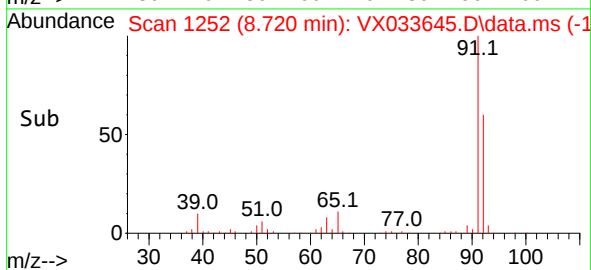
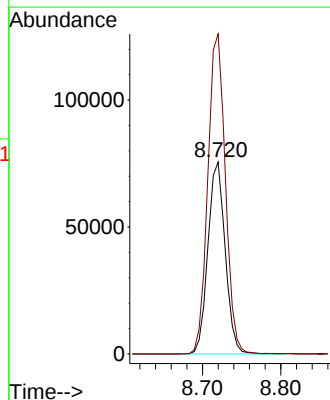
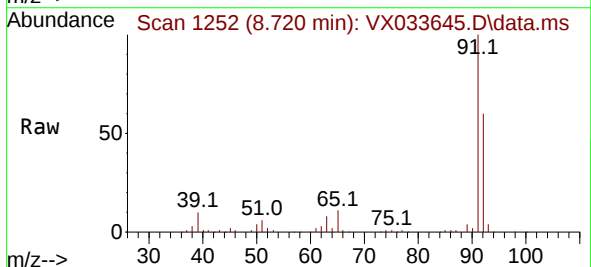
Manual Integrations
APPROVED

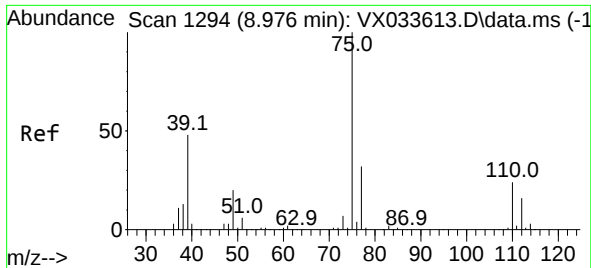
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#52
Toluene
Concen: 43.543 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

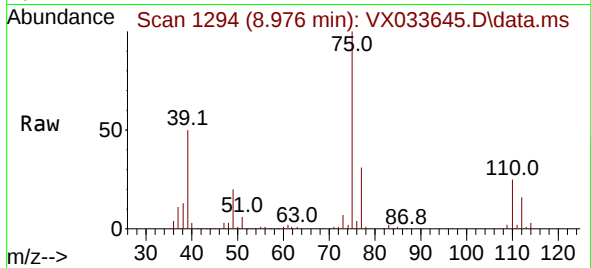
Tgt Ion: 92 Resp: 115524
Ion Ratio Lower Upper
92 100
91 169.7 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 60.326 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

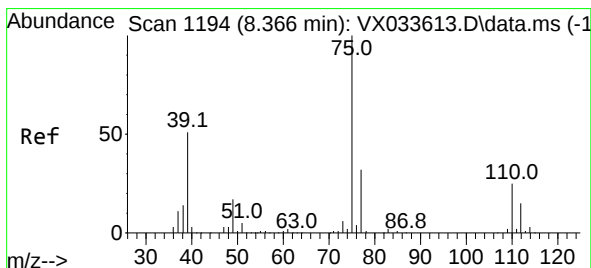
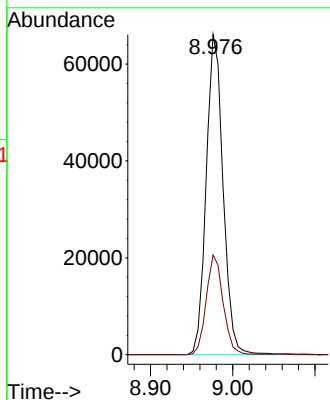
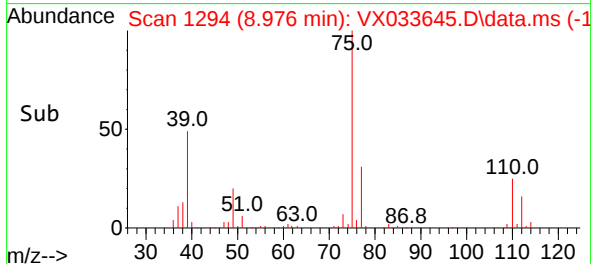
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



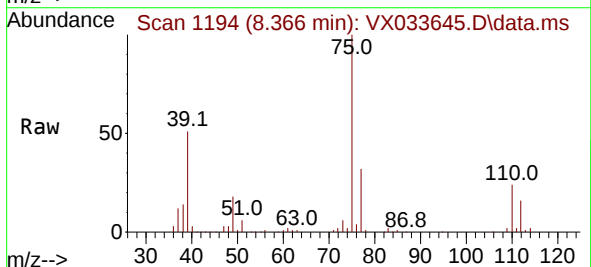
Tgt Ion: 75 Resp: 94120
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

Manual Integrations
APPROVED

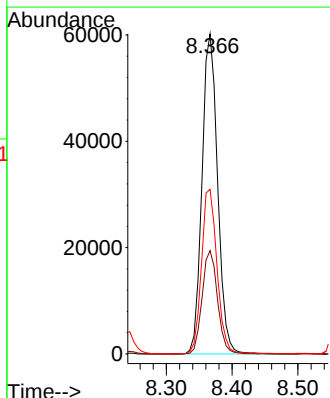
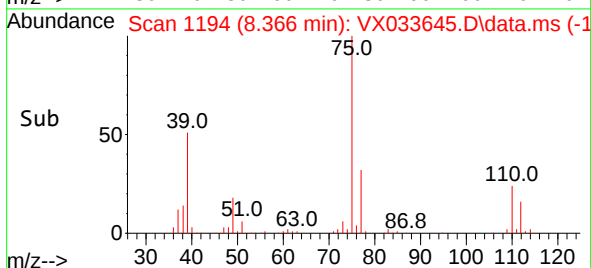
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

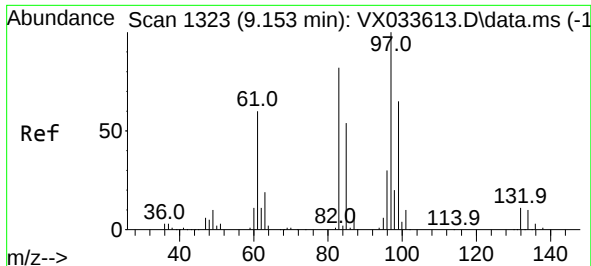


#54
cis-1,3-Dichloropropene
Concen: 63.648 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



Tgt Ion: 75 Resp: 99336
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
39 51.4 40.6 61.0





#55
1,1,2-Trichloroethane
Concen: 73.150 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

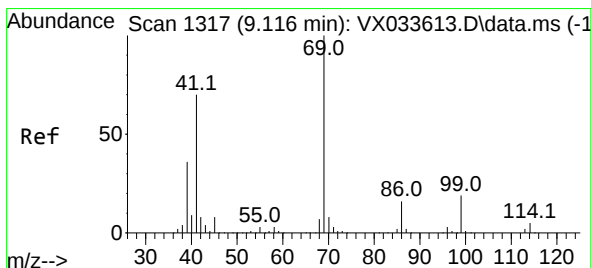
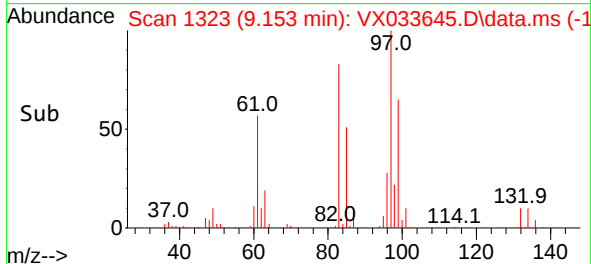
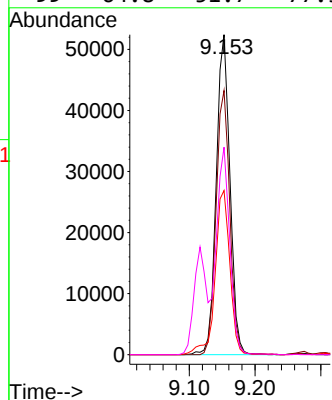
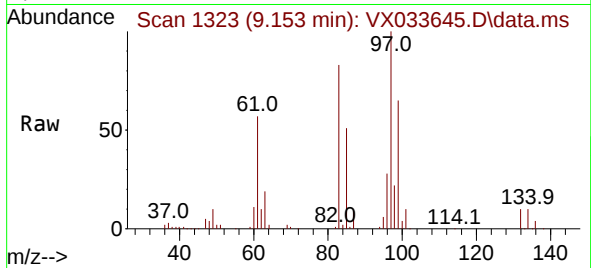
Tgt Ion: 97	Resp: 7601
Ion Ratio	Lower Upper
97 100	
83 82.6	65.7 98.5
85 51.3	43.4 65.0
99 64.8	51.7 77.5

Manual Integrations

APPROVED

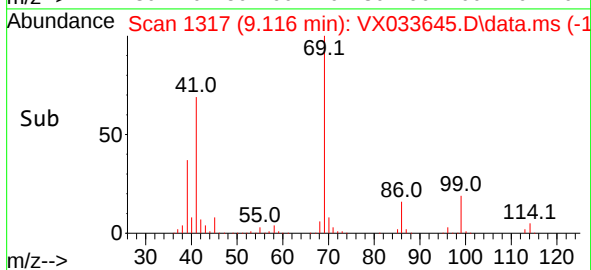
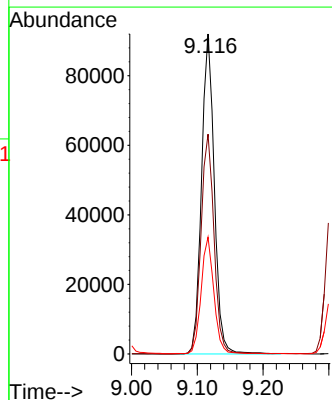
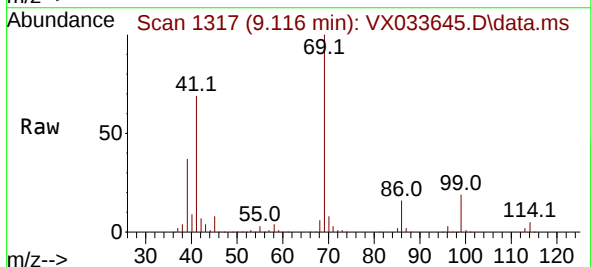
Reviewed By :John Carlone 01/09/2023

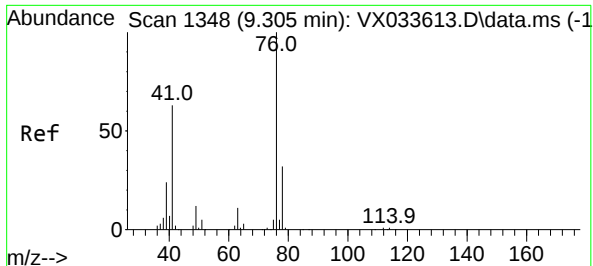
Supervised By :Mahesh Dadoda 01/09/2023



#56
Ethyl methacrylate
Concen: 80.076 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion: 69	Resp: 124231
Ion Ratio	Lower Upper
69 100	
41 70.6	56.6 84.8
39 36.2	29.4 44.0





#57

1,3-Dichloropropane

Concen: 69.783 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124073

Ion Ratio Lower Upper

76 100

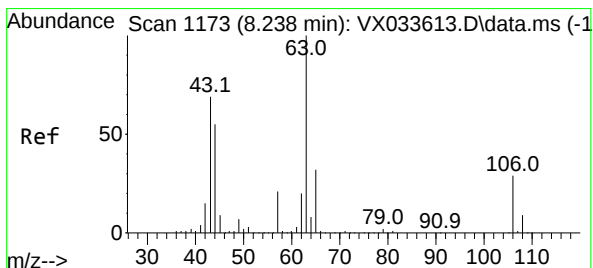
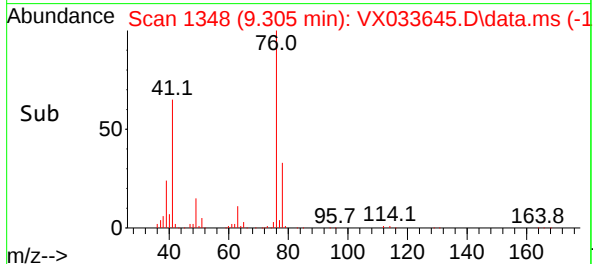
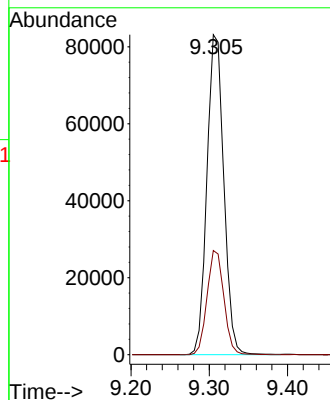
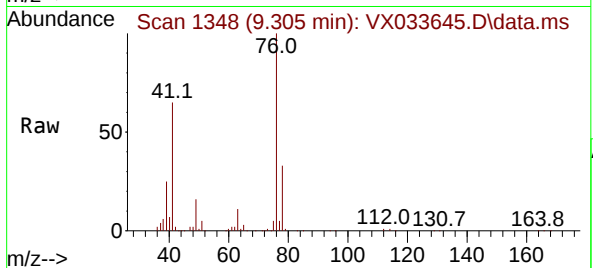
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#58

2-Chloroethyl Vinyl ether

Concen: 371.387 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033645.D

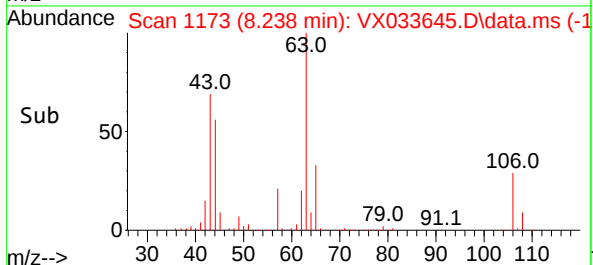
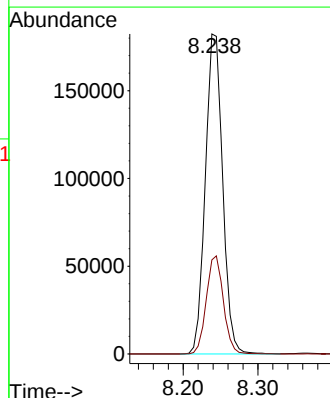
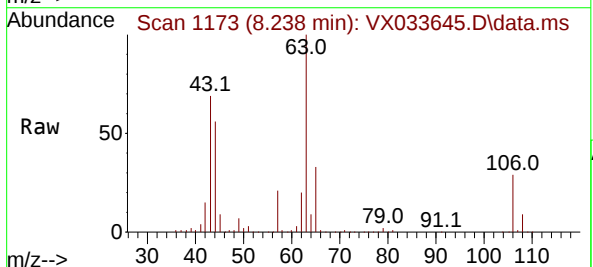
Acq: 06 Jan 2023 20:49

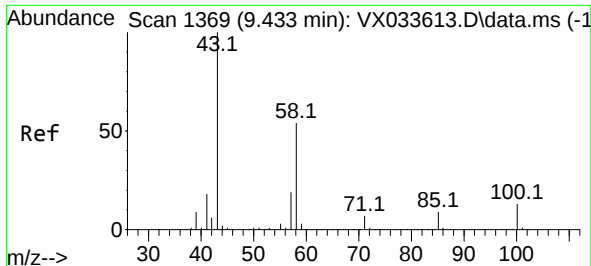
Tgt Ion: 63 Resp: 293085

Ion Ratio Lower Upper

63 100

106 30.2 23.8 35.8





#59

2-Hexanone

Concen: 414.934 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 457969

Ion Ratio Lower Upper

43 100

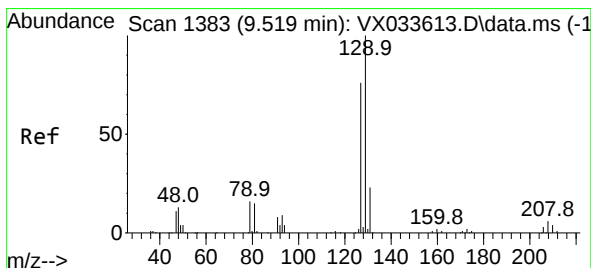
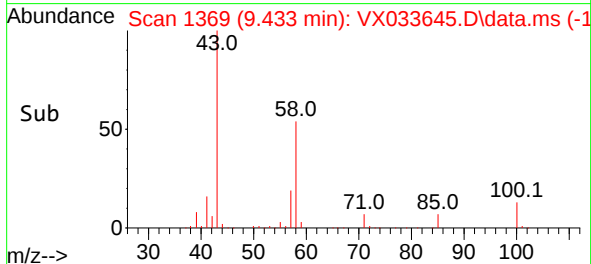
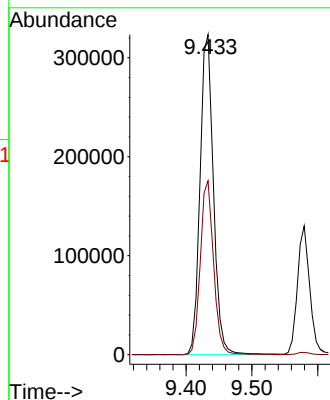
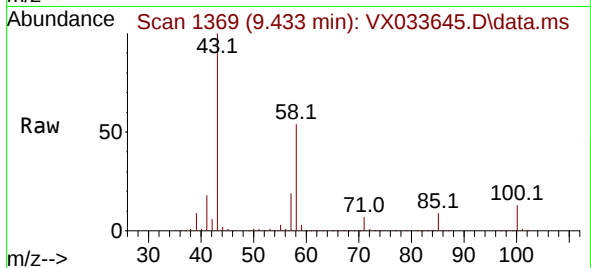
58 53.8 26.6 79.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#60

Dibromochloromethane

Concen: 70.177 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX033645.D

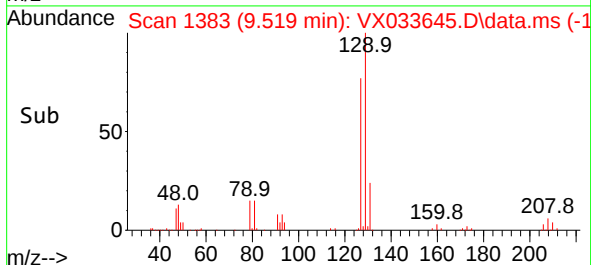
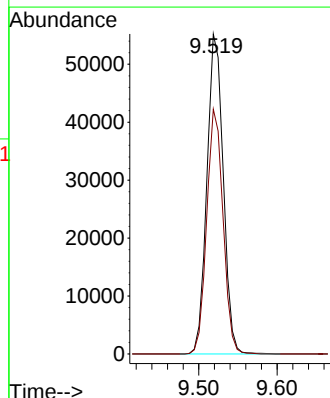
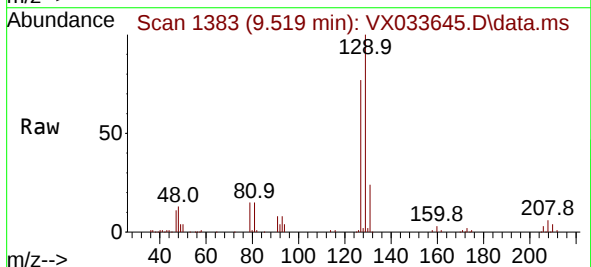
Acq: 06 Jan 2023 20:49

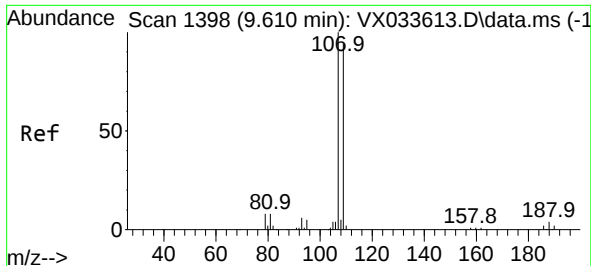
Tgt Ion:129 Resp: 79769

Ion Ratio Lower Upper

129 100

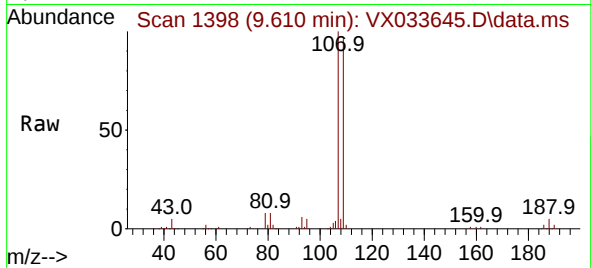
127 76.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 72.108 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

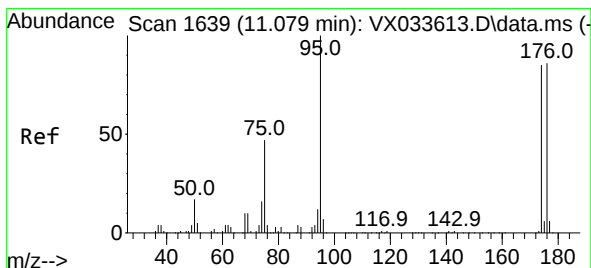
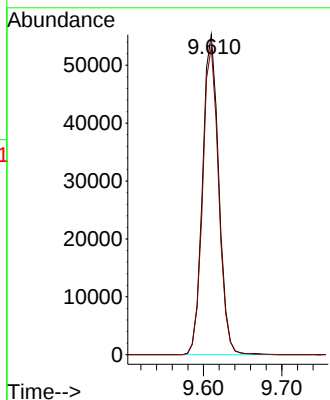
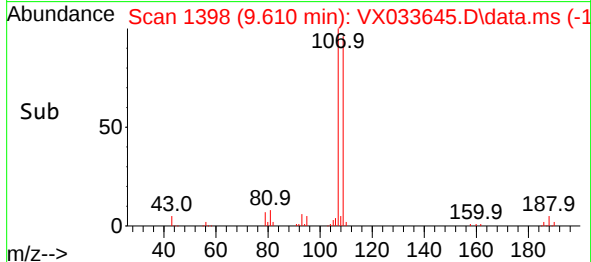
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 79258
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

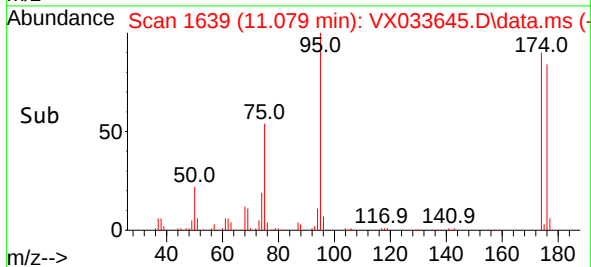
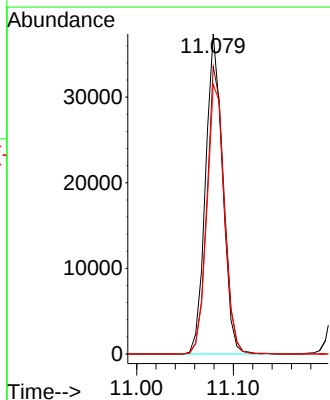
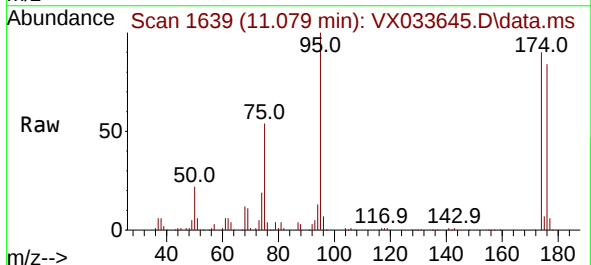
Manual Integrations
APPROVED

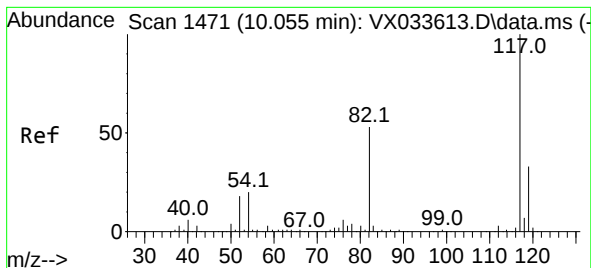
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#62
4-Bromofluorobenzene
Concen: 35.471 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

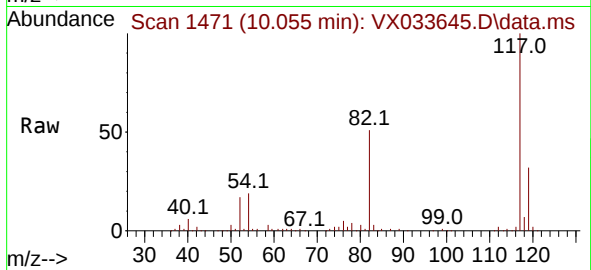
Tgt Ion: 95 Resp: 45806
Ion Ratio Lower Upper
95 100
174 90.8 0.0 180.4
176 87.0 0.0 176.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

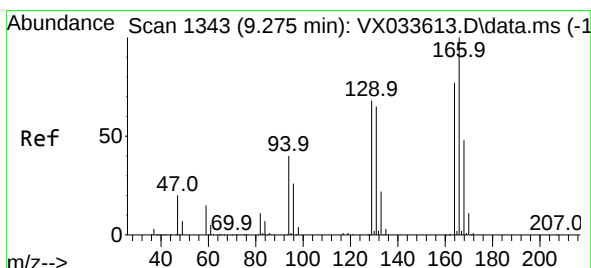
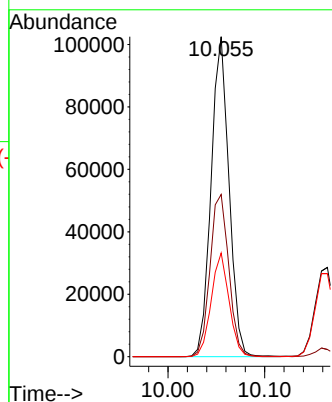
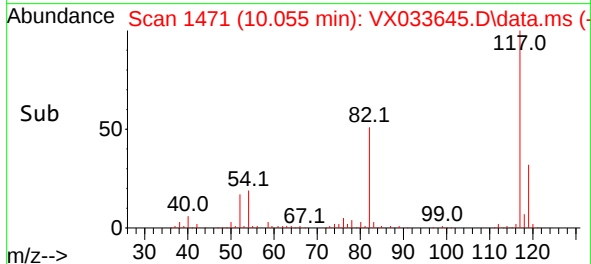
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13195
Ion Ratio Lower Upper
117 100
82 50.7 42.2 63.2
119 32.4 26.2 39.4

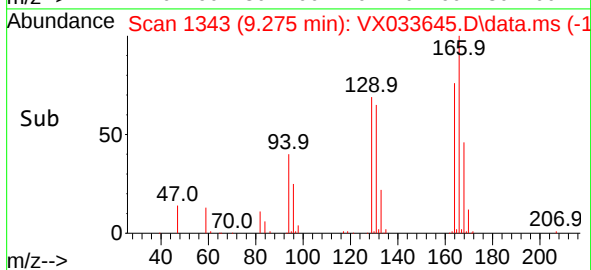
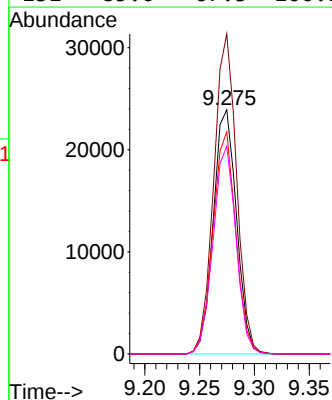
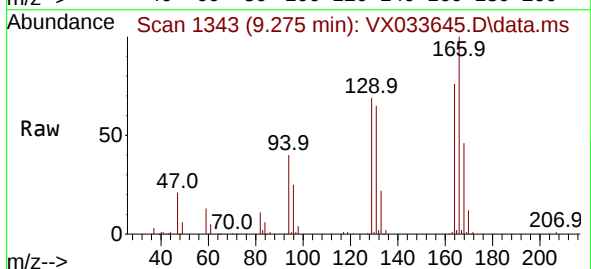
Manual Integrations
APPROVED

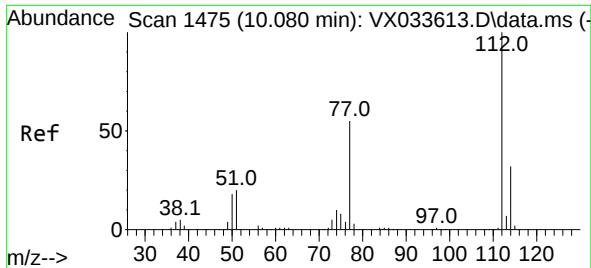
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#64
Tetrachloroethene
Concen: 36.245 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion:164 Resp: 35197
Ion Ratio Lower Upper
164 100
166 131.1 103.4 155.0
129 91.0 70.0 105.0
131 85.0 67.3 100.9





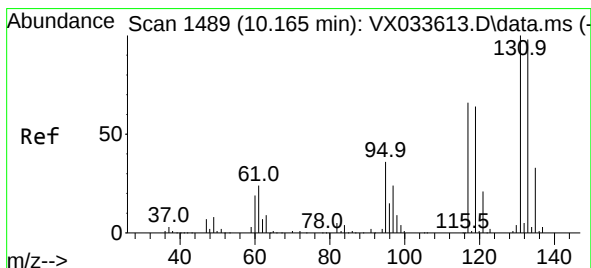
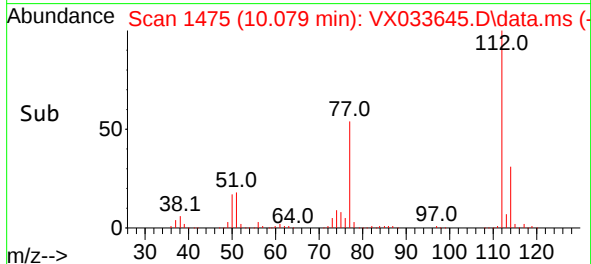
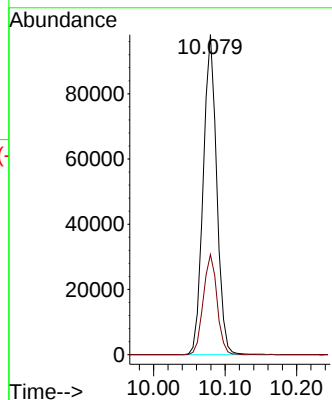
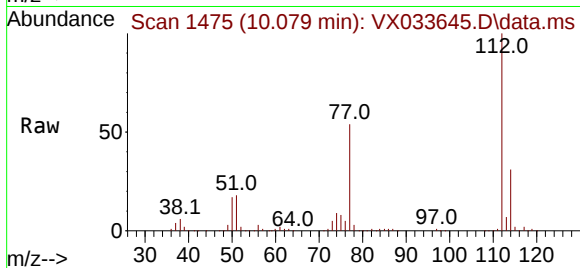
#65
Chlorobenzene
Concen: 47.703 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 128814
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6

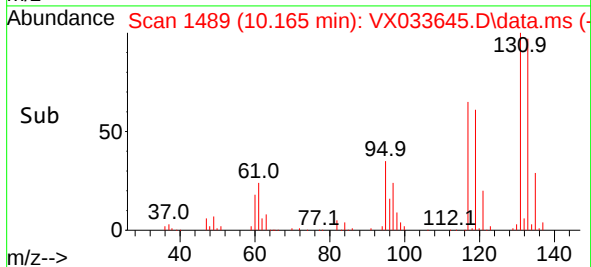
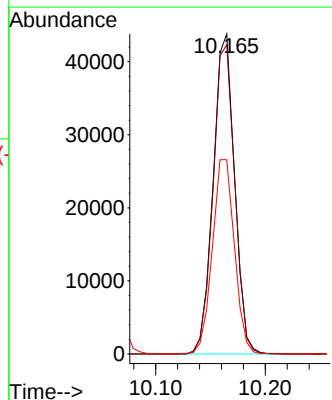
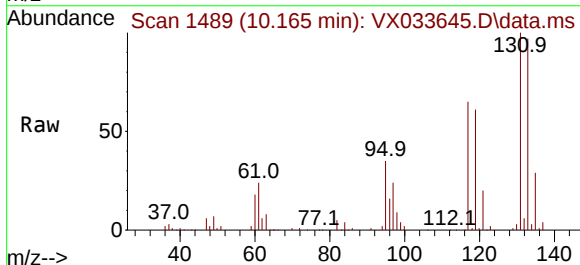
Manual Integrations
APPROVED

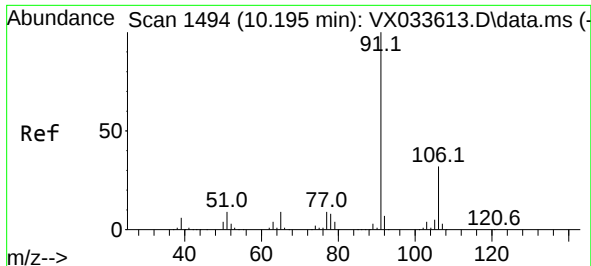
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.783 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Tgt Ion:131 Resp: 59335
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.2
119 62.9 31.4 94.3





#67

Ethyl Benzene

Concen: 34.169 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 161058

Ion Ratio Lower Upper

91 100

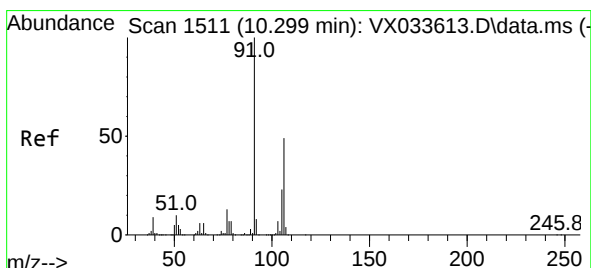
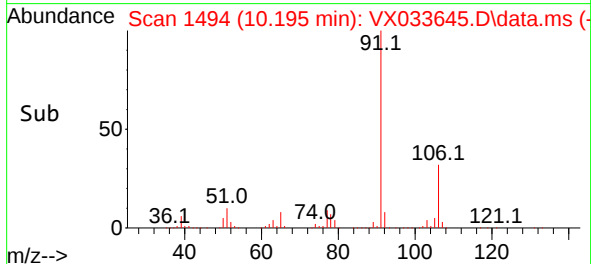
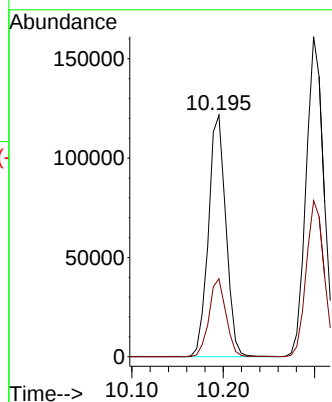
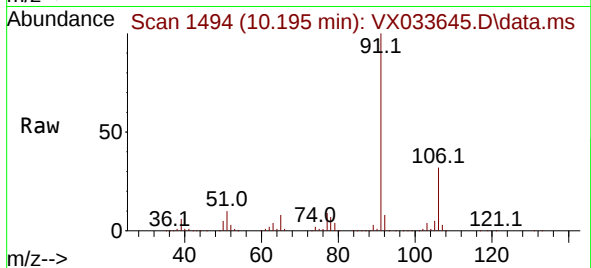
106 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#68

m/p-Xylenes

Concen: 58.353 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033645.D

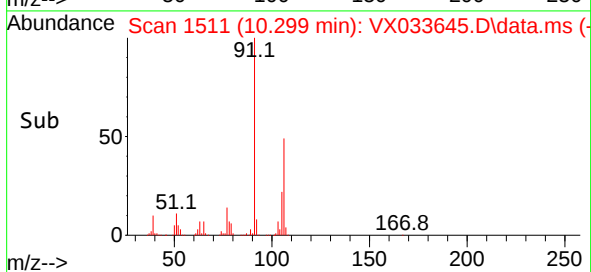
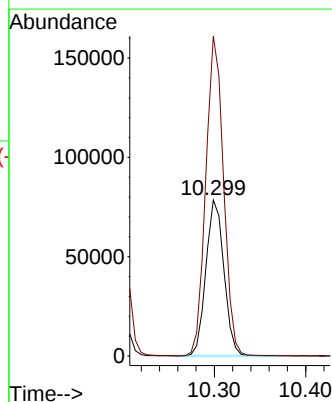
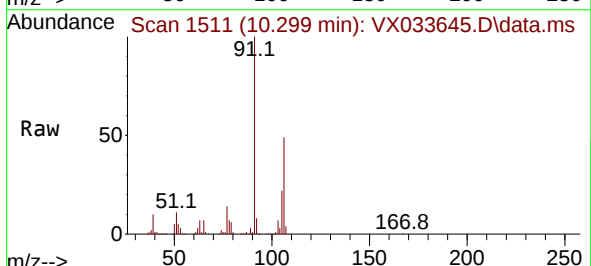
Acq: 06 Jan 2023 20:49

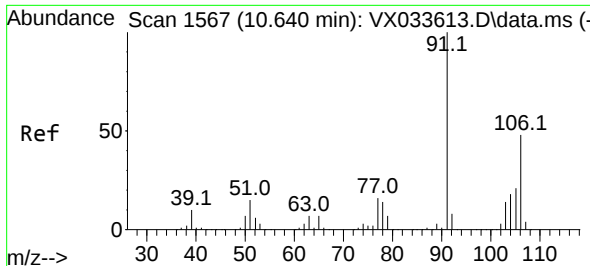
Tgt Ion:106 Resp: 107340

Ion Ratio Lower Upper

106 100

91 201.9 159.6 239.4





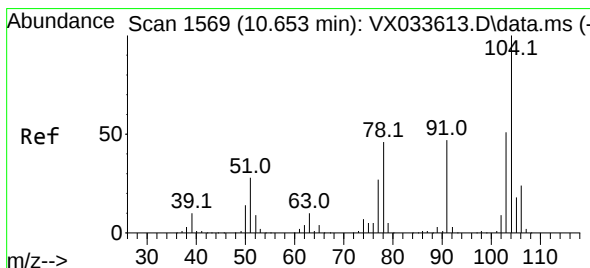
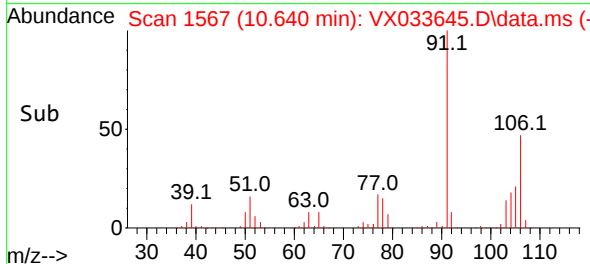
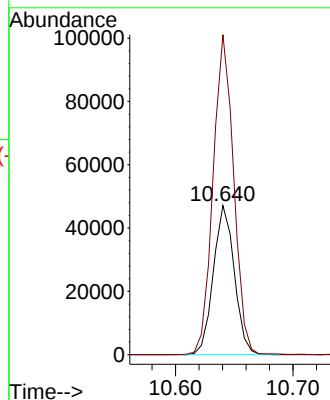
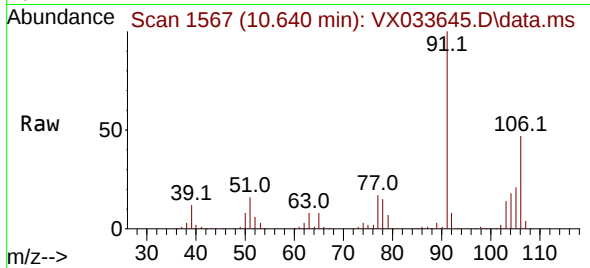
#69
o-Xylene
Concen: 32.000 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 5836
Ion Ratio Lower Upper
106 100
91 211.1 104.1 312.3

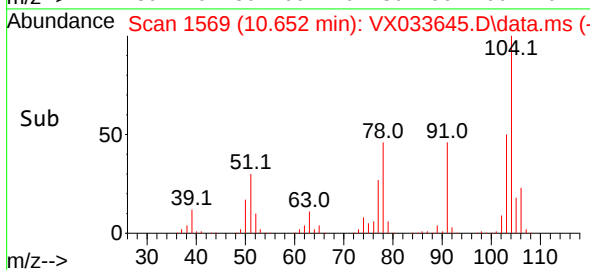
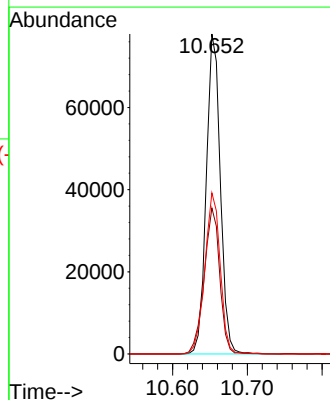
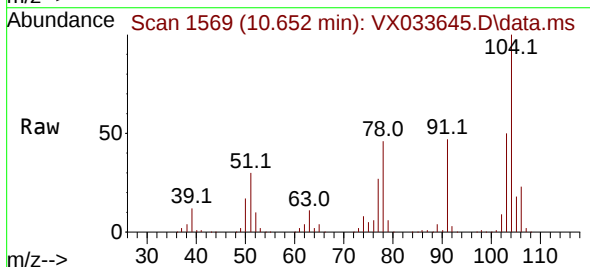
Manual Integrations
APPROVED

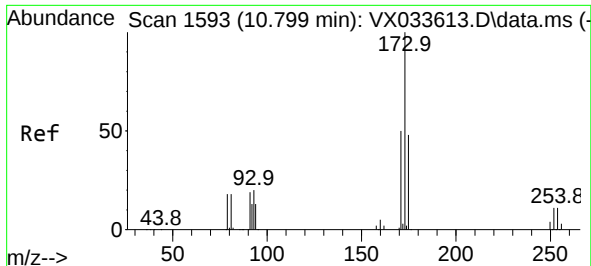
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#70
Styrene
Concen: 33.977 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

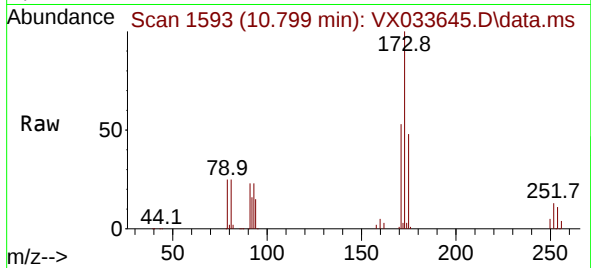
Tgt Ion:104 Resp: 101800
Ion Ratio Lower Upper
104 100
78 50.5 39.3 58.9
103 55.1 43.3 64.9





#71
Bromoform
Concen: 57.040 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

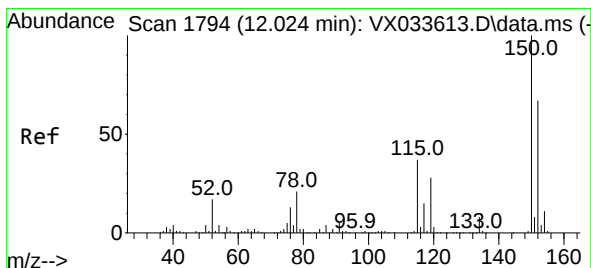
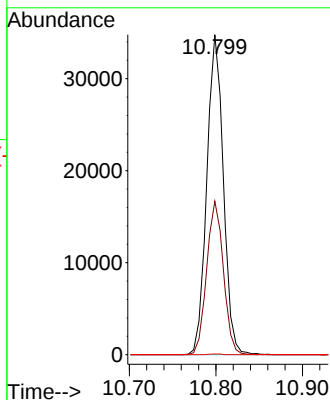
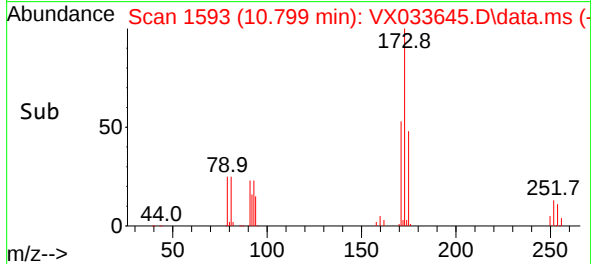
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 4609
Ion Ratio Lower Upper
173 100
175 48.5 23.8 71.5
254 0.2 0.1 0.1

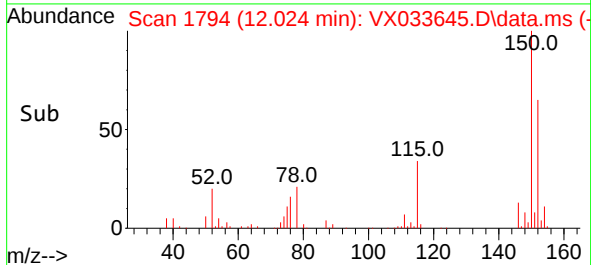
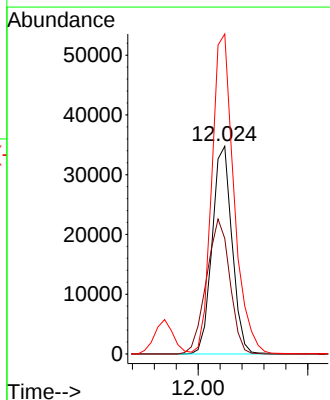
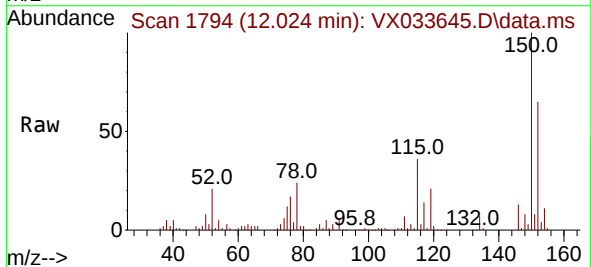
Manual Integrations
APPROVED

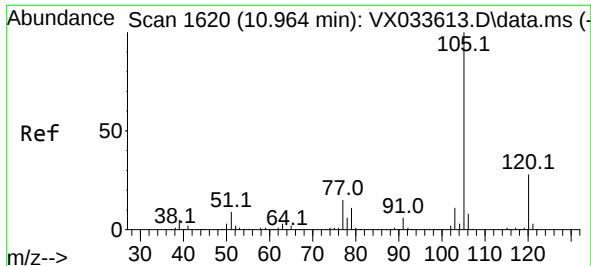
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

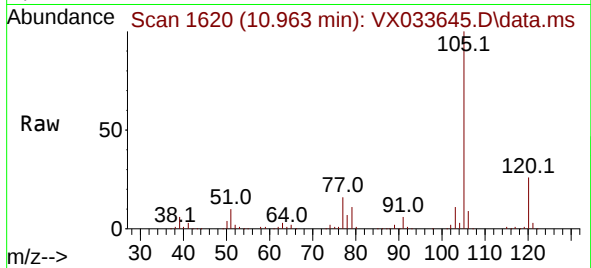
Tgt Ion:152 Resp: 43734
Ion Ratio Lower Upper
152 100
115 76.4 38.5 115.5
150 172.1 0.0 340.4





#73
Isopropylbenzene
Concen: 40.942 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

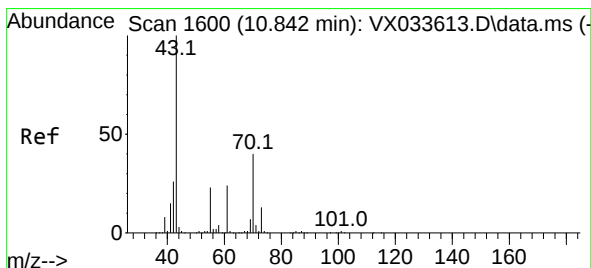
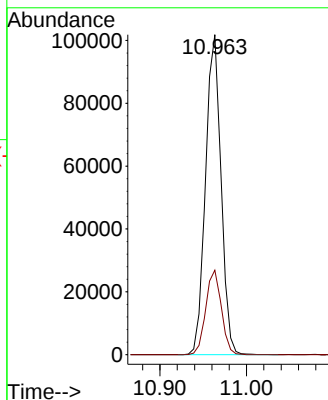
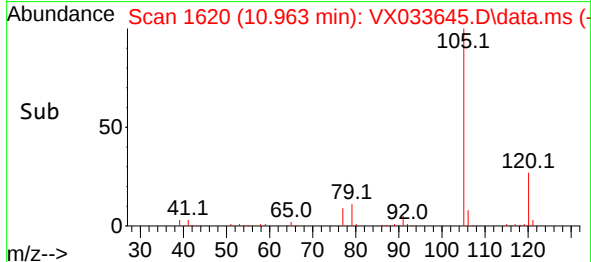
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



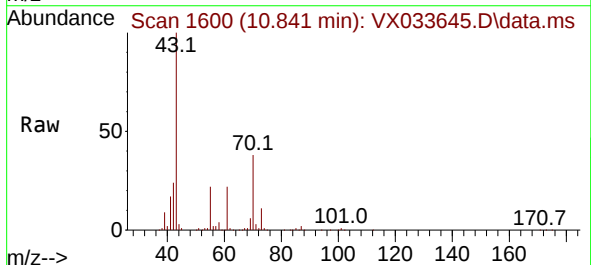
Tgt Ion:105 Resp: 12645
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

Manual Integrations
APPROVED

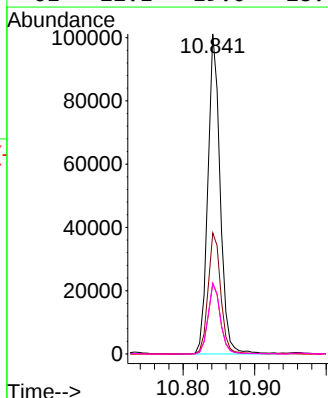
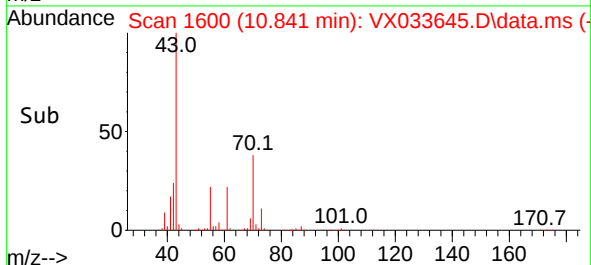
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

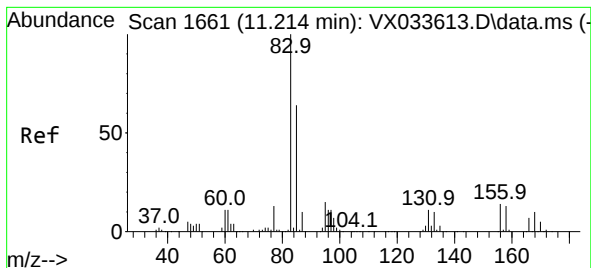


#74
N-ethyl acetate
Concen: 96.520 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



Tgt Ion: 43 Resp: 120793
Ion Ratio Lower Upper
43 100
70 39.0 33.4 50.0
55 22.2 18.6 27.8
61 22.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 90.948 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

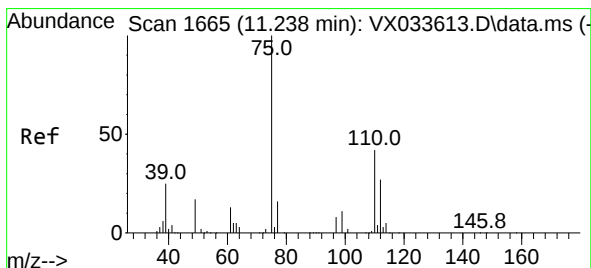
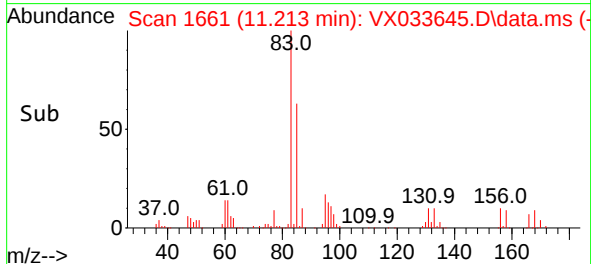
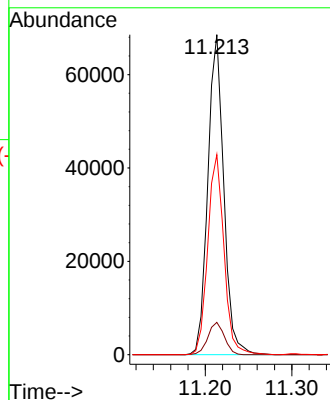
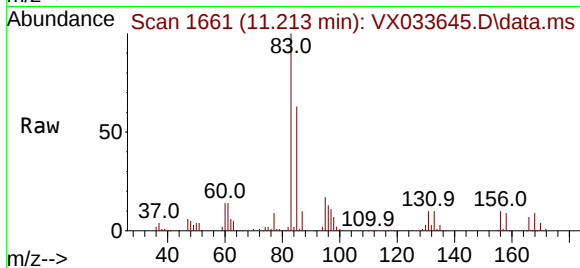
Tgt Ion: 83 Resp: 8755
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.5 16.5
 85 63.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#76

1,2,3-Trichloropropane

Concen: 89.000 ug/l m

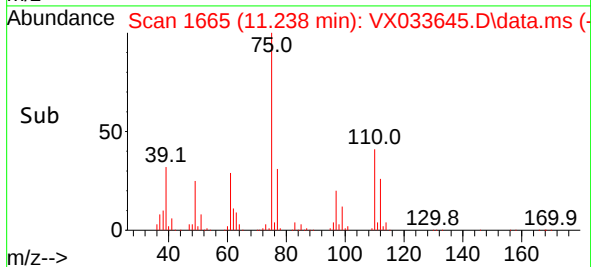
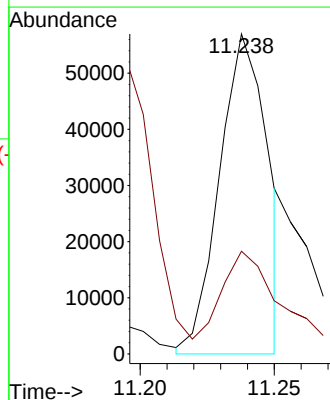
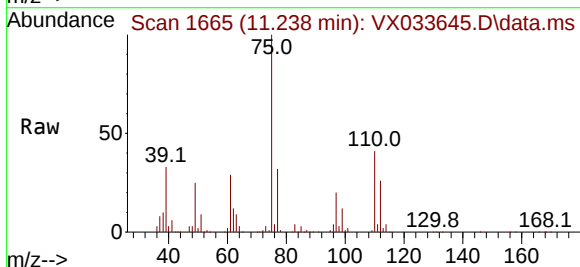
RT: 11.238 min Scan# 1665

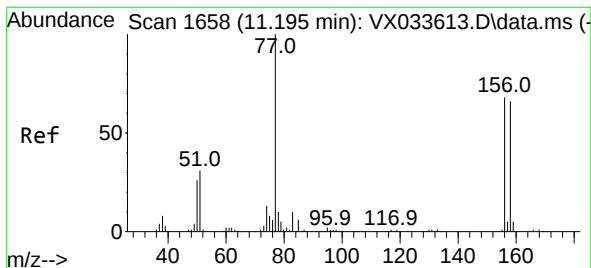
Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion: 75 Resp: 71308
 Ion Ratio Lower Upper
 75 100
 77 41.2 21.3 63.9





#77

Bromobenzene

Concen: 53.987 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

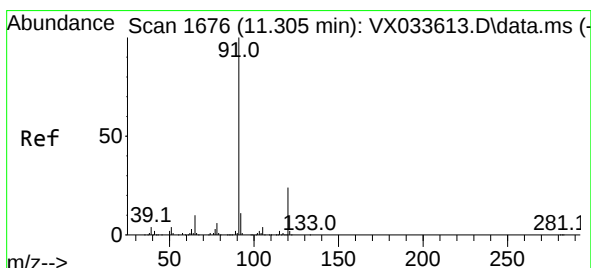
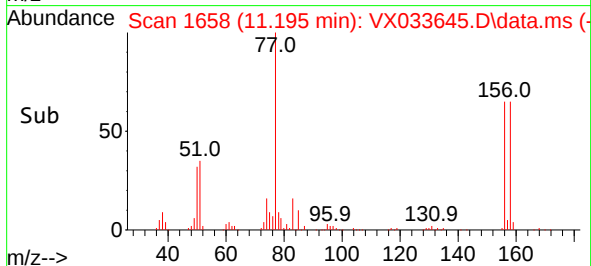
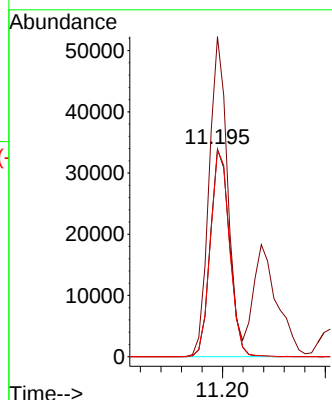
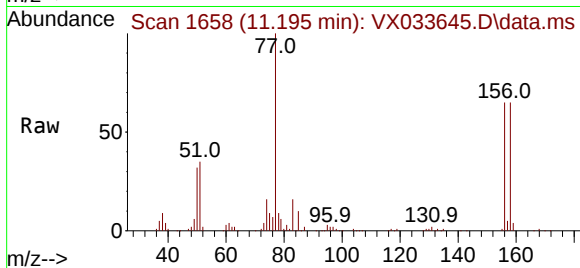
Tgt Ion:	156	Resp:	44139
Ion Ratio	Lower	Upper	
156	100		
77	148.7	70.9	212.6
158	99.6	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#78

n-propylbenzene

Concen: 38.962 ug/l

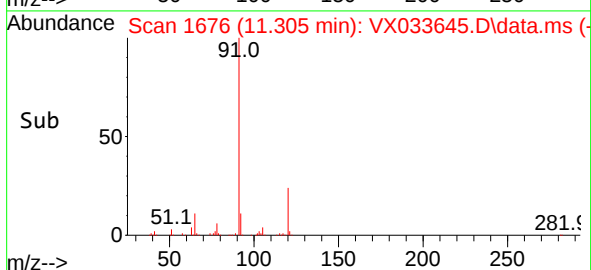
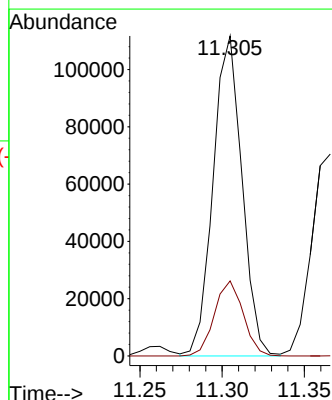
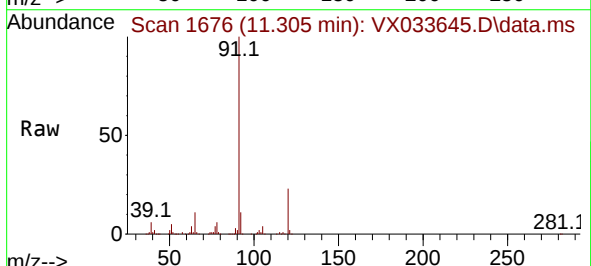
RT: 11.305 min Scan# 1676

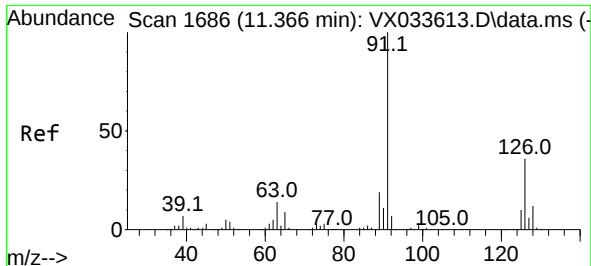
Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion:	91	Resp:	136425
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 43.979 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 9248

Ion Ratio Lower Upper

91 100

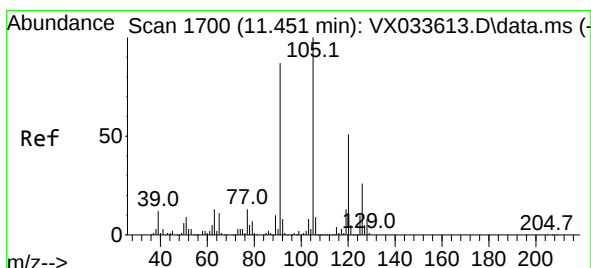
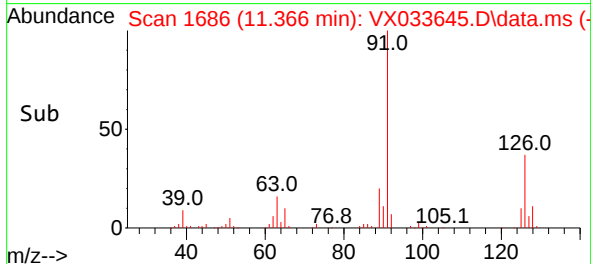
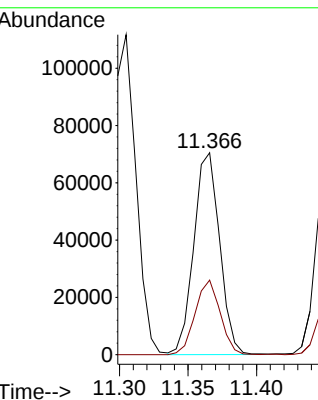
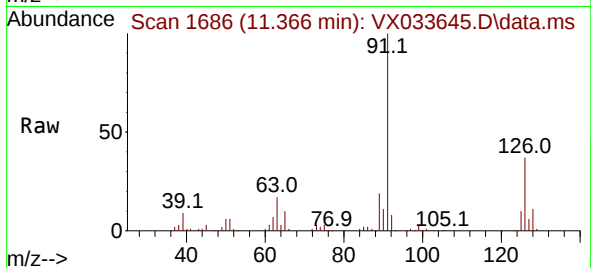
126 35.8 17.6 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 43.423 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033645.D

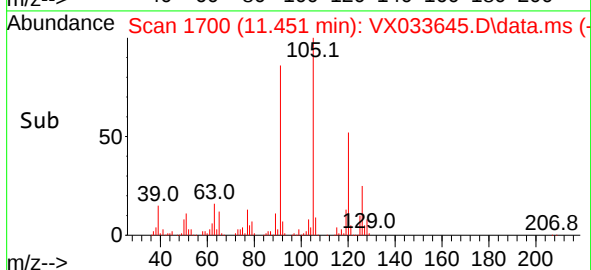
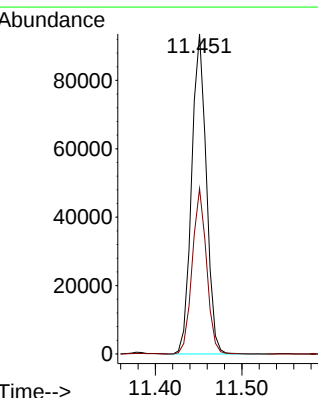
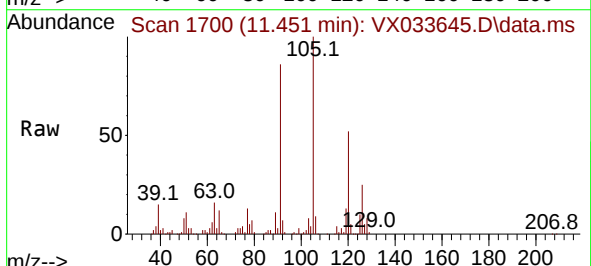
Acq: 06 Jan 2023 20:49

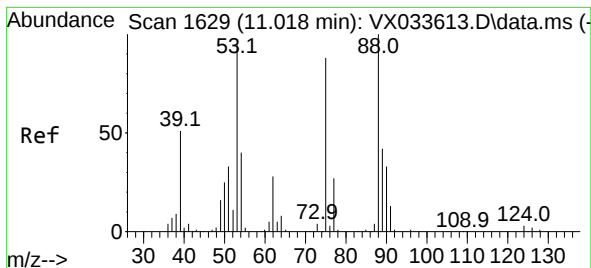
Tgt Ion:105 Resp: 110416

Ion Ratio Lower Upper

105 100

120 50.2 25.5 76.5





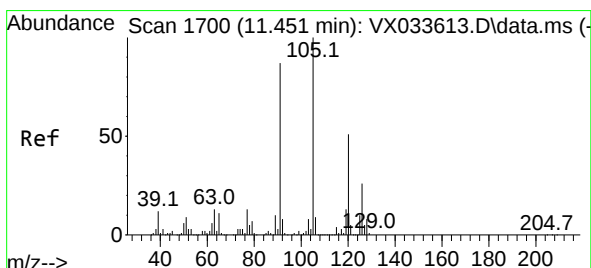
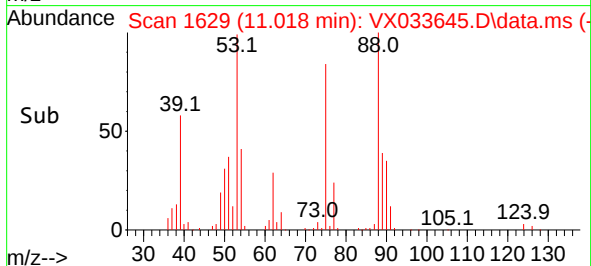
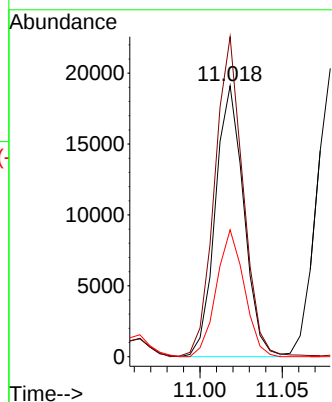
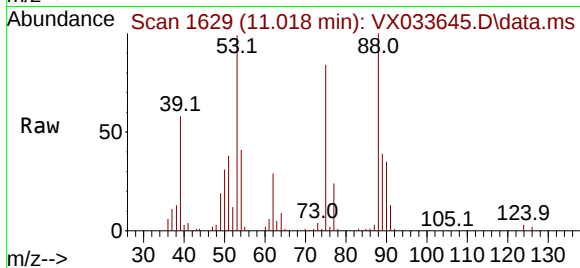
#81
trans-1,4-Dichloro-2-butene
Concen: 87.139 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2300
Ion Ratio Lower Upper
75 100
53 117.9 86.4 129.6
89 45.7 37.4 56.2

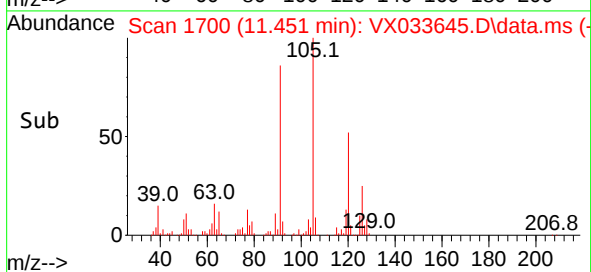
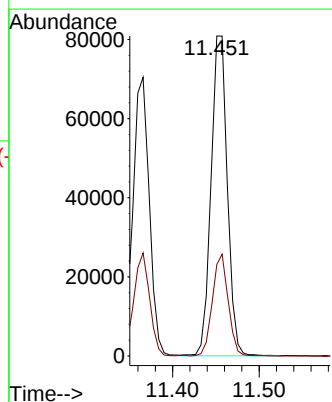
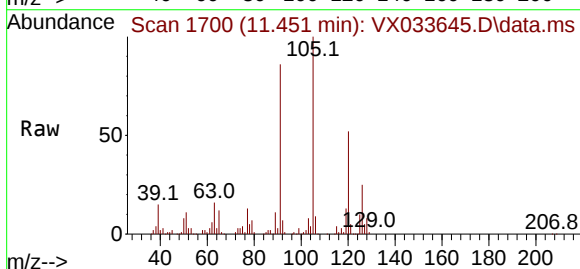
Manual Integrations
APPROVED

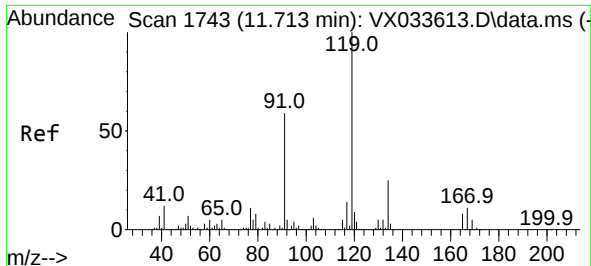
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#82
4-Chlorotoluene
Concen: 43.469 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

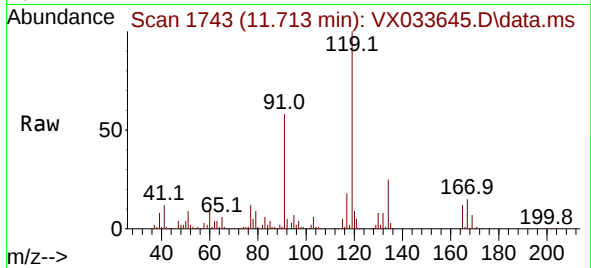
Tgt Ion: 91 Resp: 105694
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0





#83
tert-Butylbenzene
Concen: 42.200 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

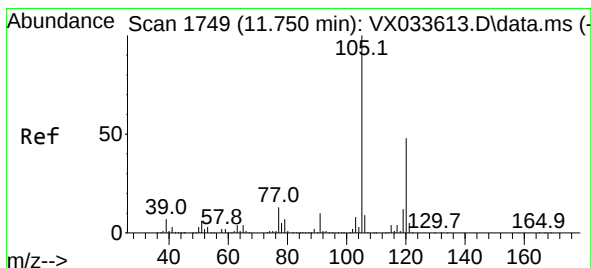
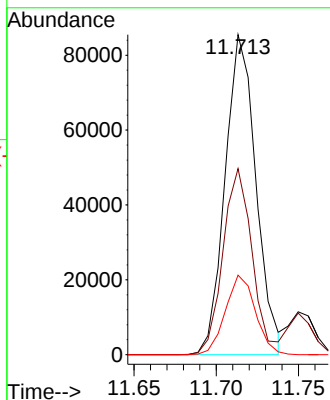
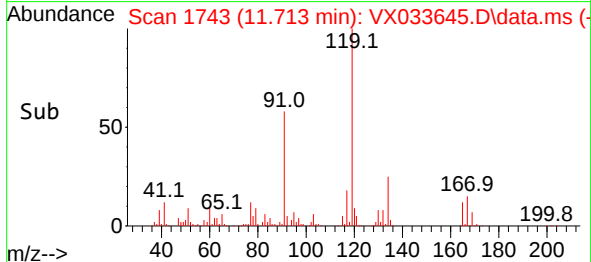
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



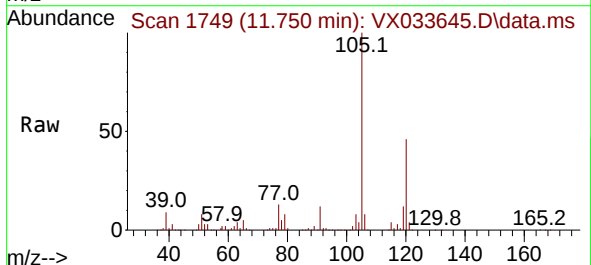
Tgt Ion:119 Resp: 111958
Ion Ratio Lower Upper
119 100
91 55.0 27.9 83.6
134 24.1 12.2 36.6

Manual Integrations
APPROVED

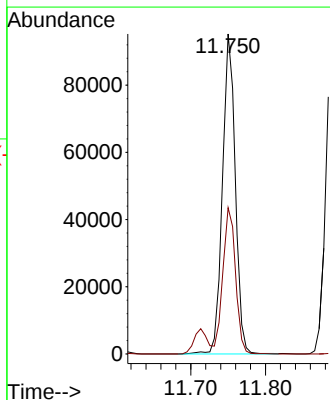
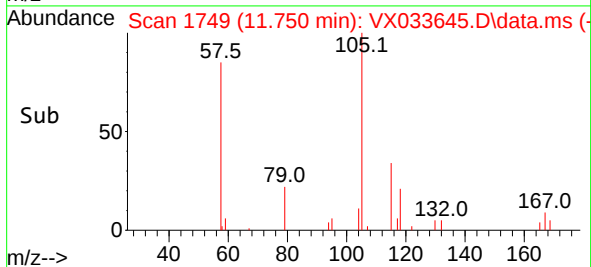
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

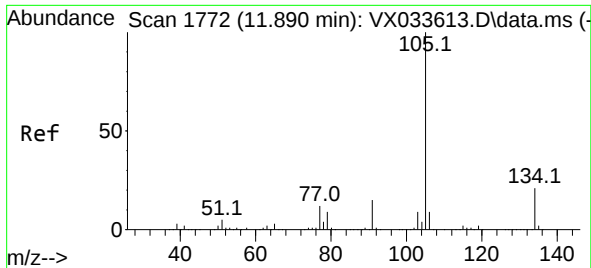


#84
1,2,4-Trimethylbenzene
Concen: 44.635 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



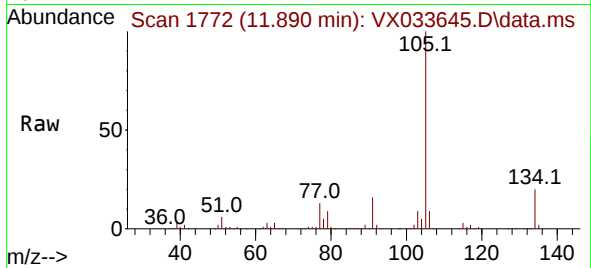
Tgt Ion:105 Resp: 113889
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 38.375 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033645.D
 Acq: 06 Jan 2023 20:49

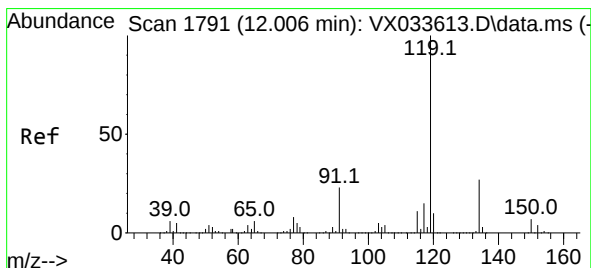
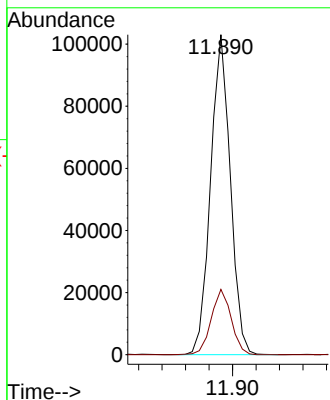
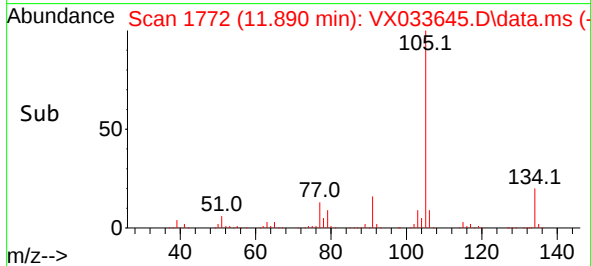
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



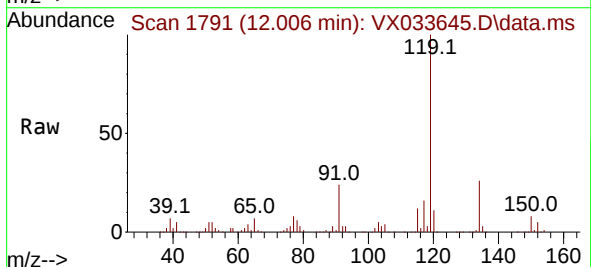
Tgt Ion:105 Resp: 120280
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.4

Manual Integrations
 APPROVED

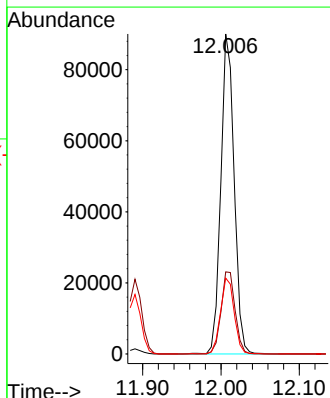
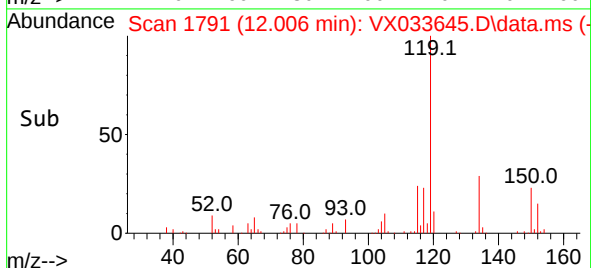
Reviewed By :John Carlone 01/09/2023
 Supervised By :Mahesh Dadoda 01/09/2023

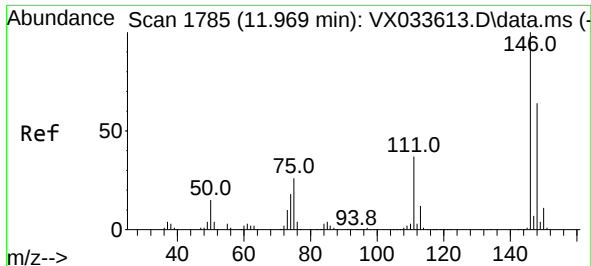


#86
 p-Isopropyltoluene
 Concen: 39.875 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033645.D
 Acq: 06 Jan 2023 20:49



Tgt Ion:119 Resp: 106801
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 24.4 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 46.175 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 67948

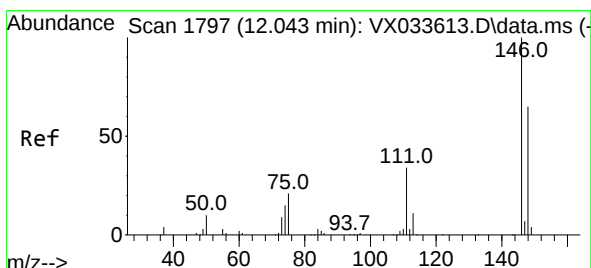
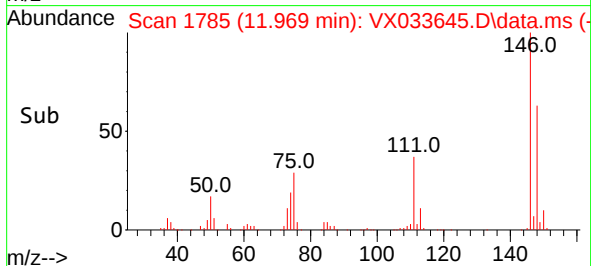
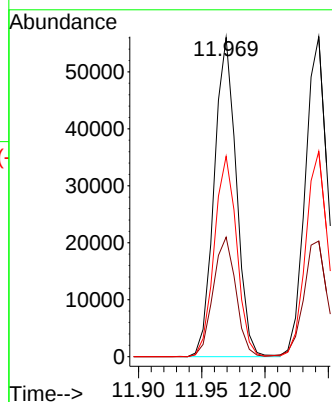
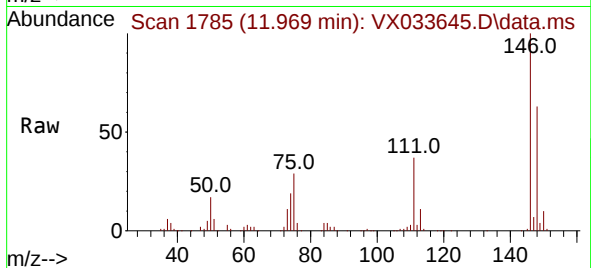
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	63.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#88

1,4-Dichlorobenzene

Concen: 47.804 ug/l

RT: 12.042 min Scan# 1797

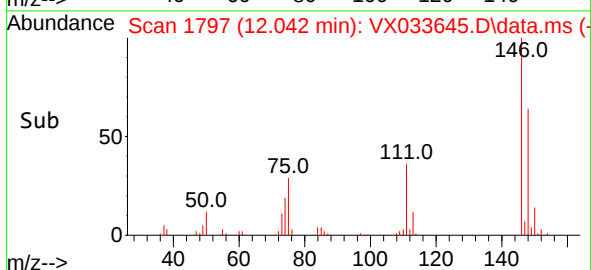
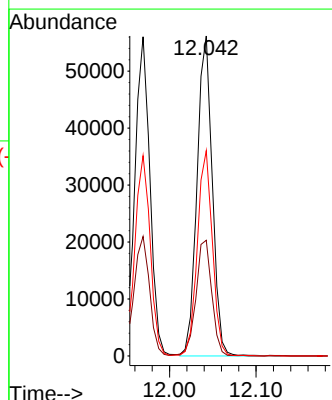
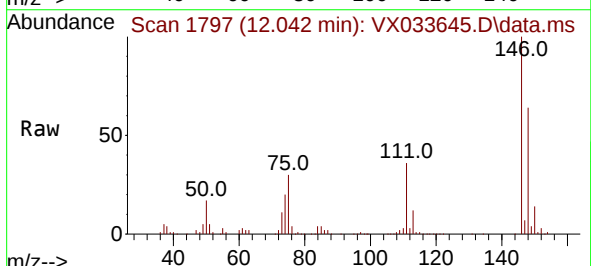
Delta R.T. -0.000 min

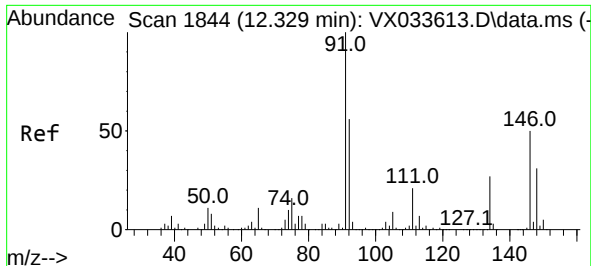
Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion:146 Resp: 68813

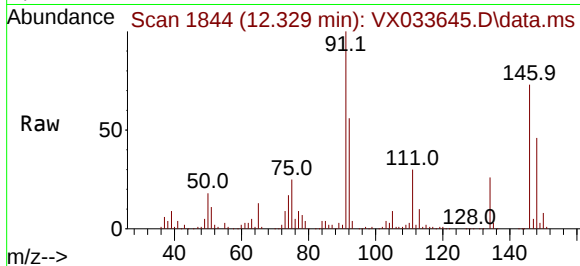
Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.2	54.6
148	63.3	32.2	96.6





#89
n-Butylbenzene
Concen: 37.519 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

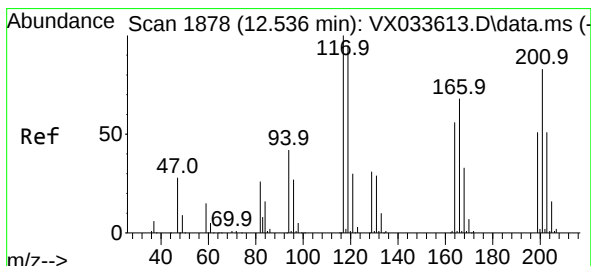
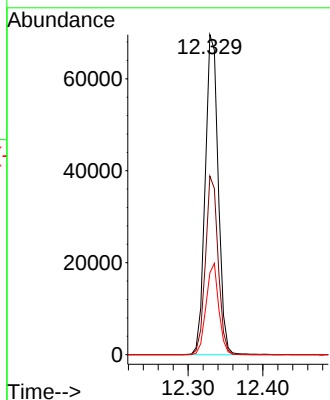
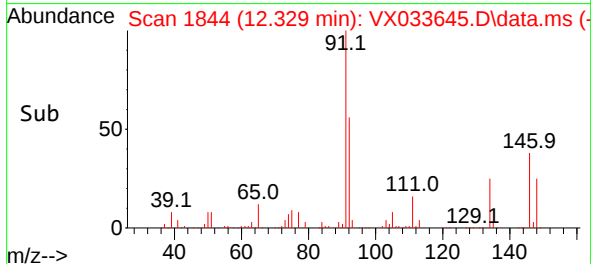
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 84036
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 27.6 14.1 42.4

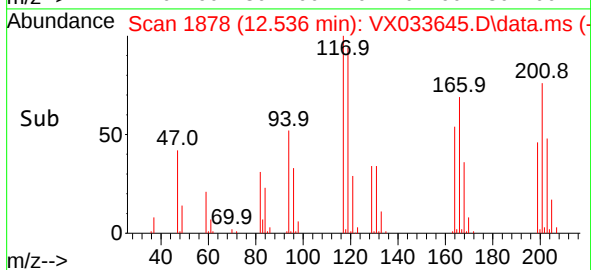
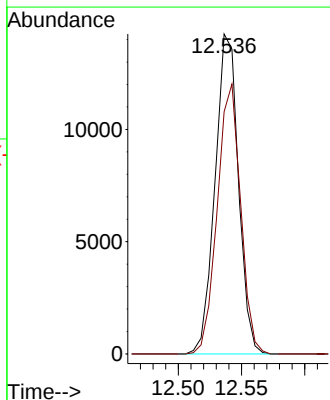
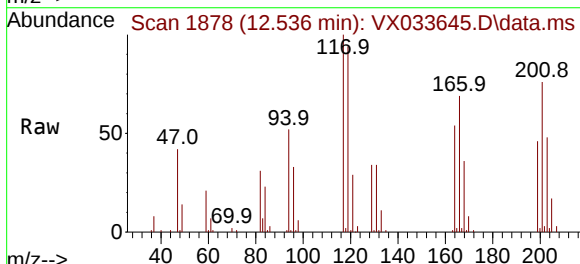
Manual Integrations
APPROVED

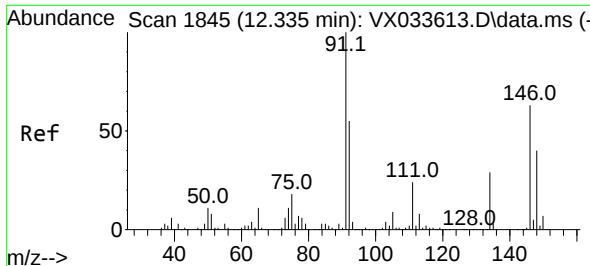
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023



#90
Hexachloroethane
Concen: 42.269 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

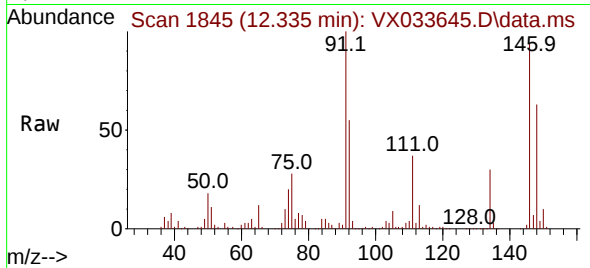
Tgt Ion:117 Resp: 18265
Ion Ratio Lower Upper
117 100
201 84.2 45.6 136.7





#91
1,2-Dichlorobenzene
Concen: 54.026 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

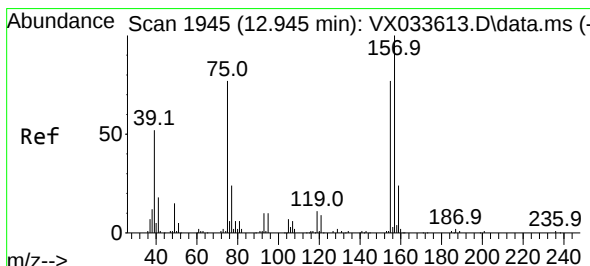
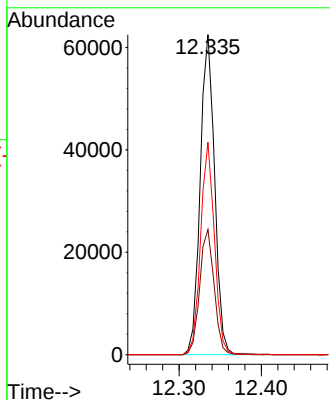
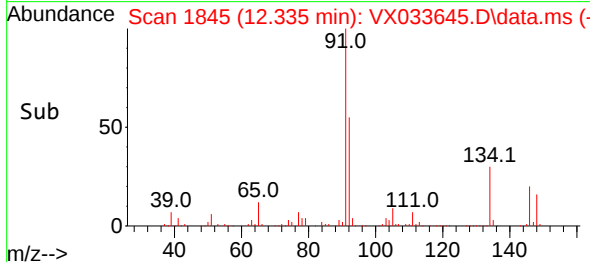
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



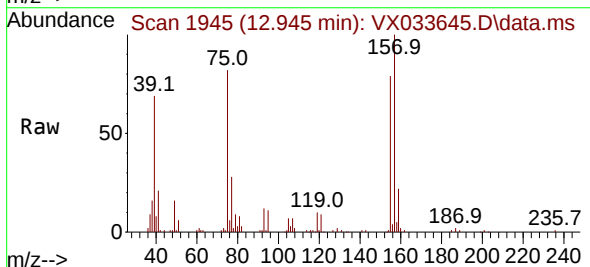
Tgt Ion:146 Resp: 7596
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.9 32.1 96.5

Manual Integrations
APPROVED

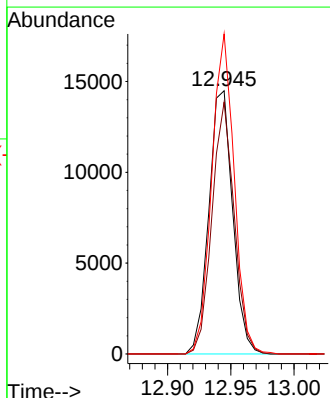
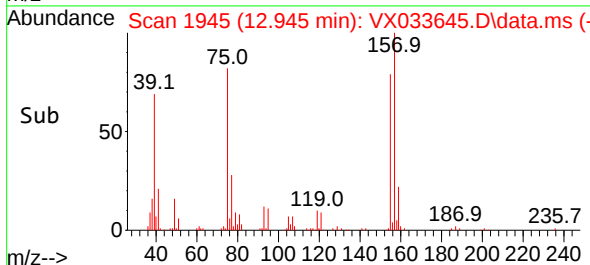
Reviewed By :John Carlone 01/09/2023
Supervised By :Mahesh Dadoda 01/09/2023

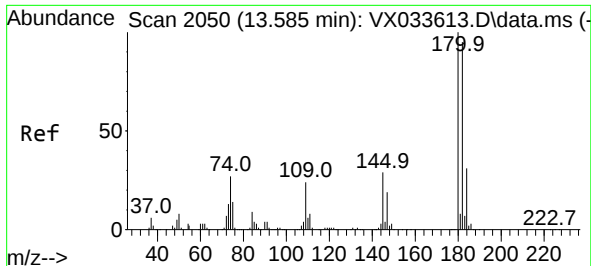


#92
1,2-Dibromo-3-Chloropropane
Concen: 105.995 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



Tgt Ion: 75 Resp: 18973
Ion Ratio Lower Upper
75 100
155 89.5 48.4 145.0
157 114.8 62.7 188.2





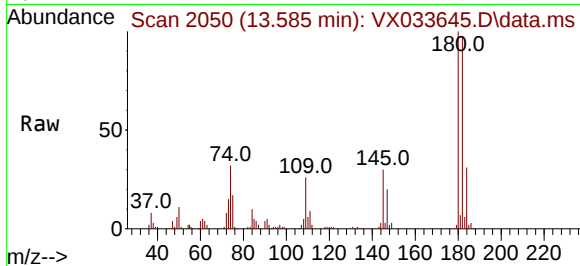
#93
1,2,4-Trichlorobenzene
Concen: 44.767 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



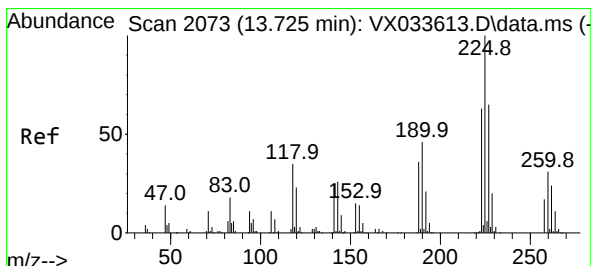
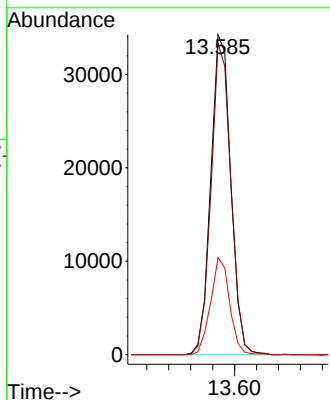
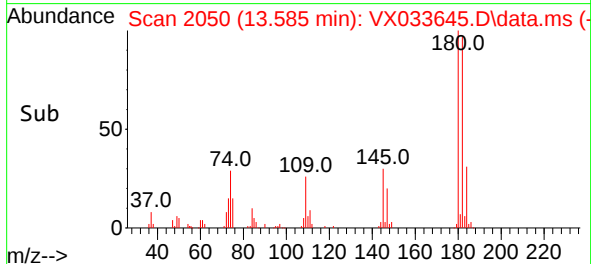
Tgt Ion:180 Resp: 4341
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 28.9 14.1 42.2

Manual Integrations

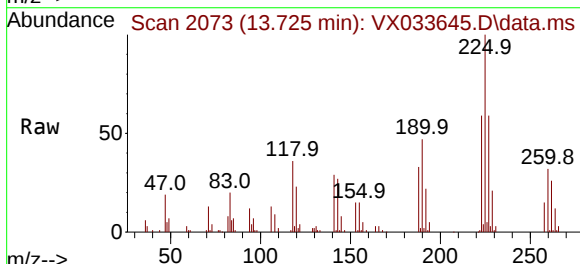
APPROVED

Reviewed By :John Carlone 01/09/2023

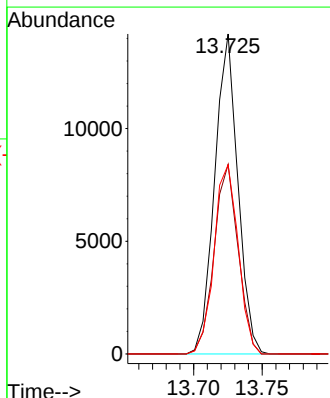
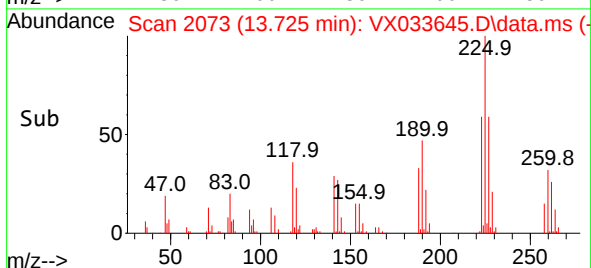
Supervised By :Mahesh Dadoda 01/09/2023

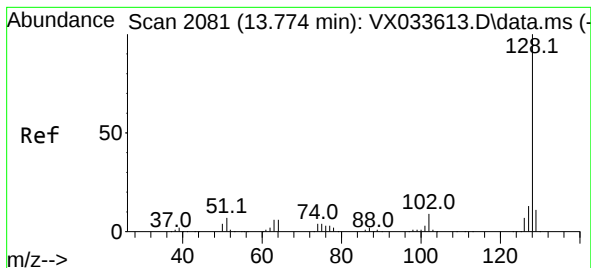


#94
Hexachlorobutadiene
Concen: 38.760 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033645.D
Acq: 06 Jan 2023 20:49



Tgt Ion:225 Resp: 16650
Ion Ratio Lower Upper
225 100
223 61.4 31.4 94.3
227 61.7 31.9 95.5





#95

Naphthalene

Concen: 63.372 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 19774

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

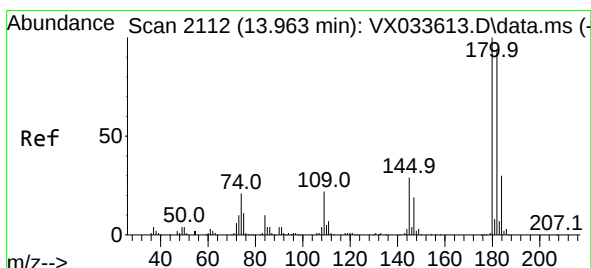
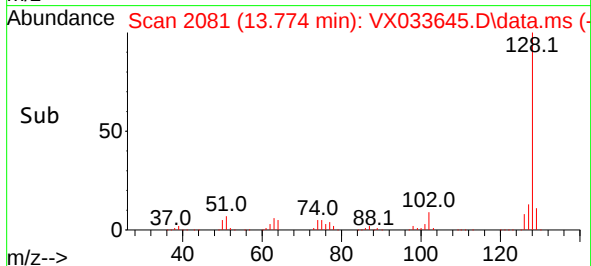
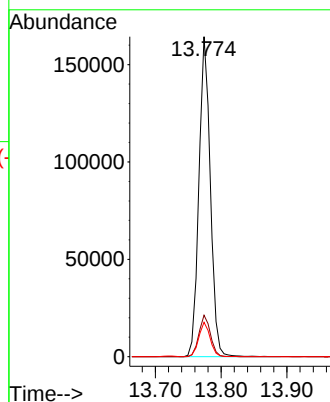
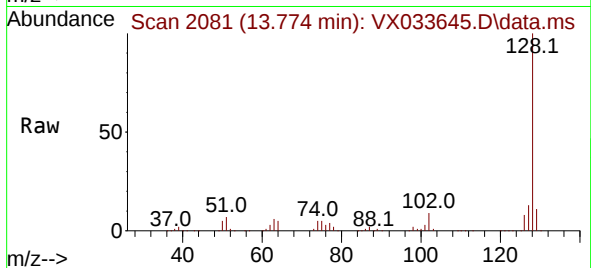
129 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/09/2023

Supervised By :Mahesh Dadoda 01/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.951 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033645.D

Acq: 06 Jan 2023 20:49

Tgt Ion:180 Resp: 47491

Ion Ratio Lower Upper

180 100

182 97.5 47.2 141.6

145 30.4 15.0 45.0

