

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038144.D
 Acq On : 06 Oct 2023 22:20
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 06:14:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	9721	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	75559	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98490	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42114	31.712	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.700%			
60) 4-Bromofluorobenzene	11.079	95	59360	28.932	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.433%			
63) Toluene-d8	8.647	98	117574	30.828	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6282	5.370	ug/l	95
3) Chloromethane	1.300	50	6968	6.014	ug/l	99
4) Vinyl Chloride	1.373	62	7881	5.807	ug/l	99
5) Bromomethane	1.599	94	9032	5.500	ug/l	99
6) Chloroethane	1.684	64	7073m	6.118	ug/l	
7) Trichlorofluoromethane	1.886	101	16559	5.728	ug/l	98
8) Diethyl Ether	2.136	74	5946	5.639	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	6261	5.671	ug/l	98
10) 1,1-Dichloroethene	2.318	96	5763	5.357	ug/l	88
11) Methyl Iodide	2.453	142	8580	5.353	ug/l	92
12) Methyl Acetate	2.703	43	24341	6.649	ug/l	98
13) Acrolein	2.233	56	4719	20.562	ug/l	94
14) Acrylonitrile	3.062	53	23141	26.971	ug/l	98
15) Acetone	2.379	58	6560	28.713	ug/l	86
16) Carbon Disulfide	2.514	76	14453	5.028	ug/l	97
17) Allyl chloride	2.666	41	9413	5.207	ug/l	96
18) Methylene Chloride	2.788	84	8214	5.857	ug/l	96
19) trans-1,2-Dichloroethene	3.087	96	7363	5.466	ug/l	91
20) Diisopropyl ether	3.763	45	20193	5.090	ug/l #	89
21) 1,1-Dichloroethane	3.611	63	13009	5.388	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	8526	5.374	ug/l	94
23) tert-Butyl Alcohol	2.965	59	9744	25.794	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	21475	5.085	ug/l	99
25) Chloroform	5.098	83	14343	5.232	ug/l	99
26) Cyclohexane	5.476	56	10782	5.280	ug/l #	98
29) 1,1-Dichloropropene	5.696	75	9965	4.985	ug/l	99
30) 2-Butanone	4.562	43	33755	26.270	ug/l	99
31) 2,2-Dichloropropane	4.477	77	7266	4.920	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	11526	4.825	ug/l #	36
33) Carbon Tetrachloride	5.678	117	9337m	4.614	ug/l	
34) Benzene	6.043	78	30337	5.130	ug/l	94
35) Methacrylonitrile	4.922	41	5710	4.747	ug/l	89
36) 1,2-Dichloroethane	6.092	62	11904	5.189	ug/l #	84
37) Trichloroethene	7.135	130	7987	5.128	ug/l	92
38) Methylcyclohexane	7.385	83	11973	5.028	ug/l	96
39) 1,2-Dichloropropane	7.433	63	7574	5.109	ug/l #	87
40) Dibromomethane	7.586	93	5727	4.944	ug/l	97
41) Bromodichloromethane	7.824	83	9521	4.585	ug/l	97
42) Vinyl Acetate	3.727	43	58819	20.798	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038144.D
 Acq On : 06 Oct 2023 22:20
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

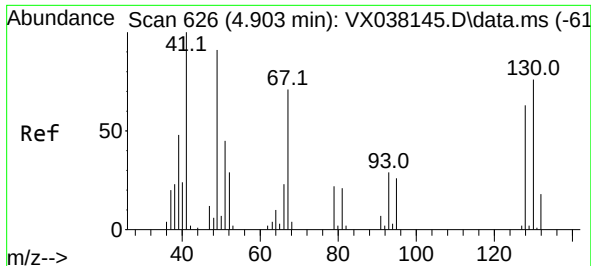
Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/09/2023
 Supervised By : Mahesh Dadoda 10/09/2023

Quant Time: Oct 07 06:14:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:04:00 2023
 Response via : Initial Calibration

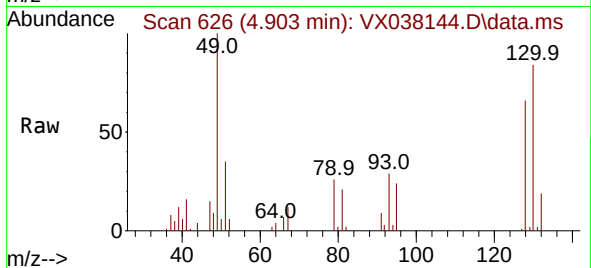
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	11280m	4.746	ug/l	
44) Isopropyl Acetate	6.342	43	15905	4.495	ug/l	96
45) 1,4-Dioxane	7.665	88	4600	102.303	ug/l #	1
46) Methyl methacrylate	7.696	41	8671	4.970	ug/l	96
47) n-amyl Acetate	10.847	43	11212	3.650	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	8747	4.098	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	10370	4.582	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	8268	5.056	ug/l	95
51) Ethyl methacrylate	9.116	69	10582	4.321	ug/l	97
52) 1,3-Dichloropropane	9.311	76	13394	5.036	ug/l	95
53) Dibromochloromethane	9.524	129	6452	3.983	ug/l	96
54) 1,2-Dibromoethane	9.610	107	8549	4.784	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	28584	23.123	ug/l	98
56) Bromoform	10.799	173	4711	3.891	ug/l	97
58) 4-Methyl-2-Pentanone	8.573	43	63984	25.955	ug/l	100
59) 2-Hexanone	9.433	43	49584	25.018	ug/l	99
61) Tetrachloroethene	9.274	164	7147	5.311	ug/l	98
62) Toluene	8.720	91	33424	5.094	ug/l	97
64) Chlorobenzene	10.079	112	21349	5.195	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	6455	4.506	ug/l	97
66) Ethyl Benzene	10.195	91	37475	5.036	ug/l	99
67) m/p-Xylenes	10.305	106	27730	9.606	ug/l	94
68) o-Xylene	10.640	106	13378	4.776	ug/l	92
69) Styrene	10.658	104	20807	4.471	ug/l	98
70) Isopropylbenzene	10.963	105	35370	4.788	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	13642	5.011	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	12867m	5.196	ug/l	
73) Bromobenzene	11.201	156	9426	5.153	ug/l	94
74) n-propylbenzene	11.305	91	44071	4.910	ug/l	96
75) 2-Chlorotoluene	11.366	91	26215	4.970	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	30200	4.679	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	2198	3.261	ug/l	76
78) 4-Chlorotoluene	11.457	91	30292	4.829	ug/l	97
79) tert-butylbenzene	11.713	119	28835	4.702	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	28976	4.597	ug/l	98
81) sec-Butylbenzene	11.890	105	37755	4.707	ug/l	98
82) p-Isopropyltoluene	12.012	119	30397	4.584	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	17845	5.003	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	17962	4.945	ug/l	99
85) n-Butylbenzene	12.335	91	28967	4.578	ug/l	97
86) Hexachloroethane	12.536	117	4561	4.161	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	17044	4.929	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	2551	4.046	ug/l	98
89) 1,2,4-Trichlorobenzene	13.591	180	10800	4.811	ug/l	98
90) Hexachlorobutadiene	13.725	225	4725	5.233	ug/l	98
91) Naphthalene	13.774	128	34634	4.505	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	10553	4.803	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

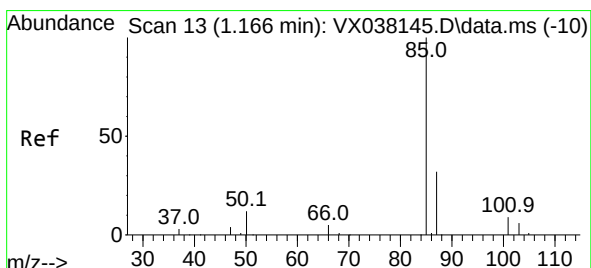
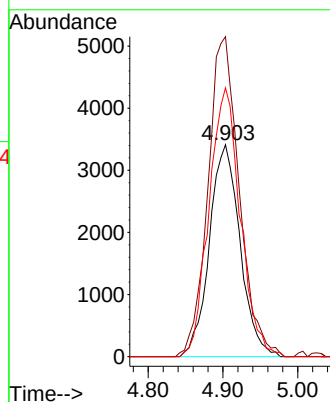
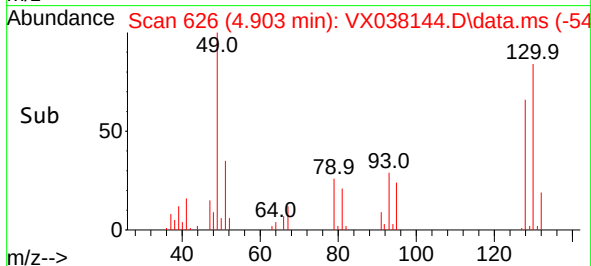
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 972
Ion Ratio Lower Upper
128 100
49 154.3 0.0 406.3
130 129.4 0.0 328.0

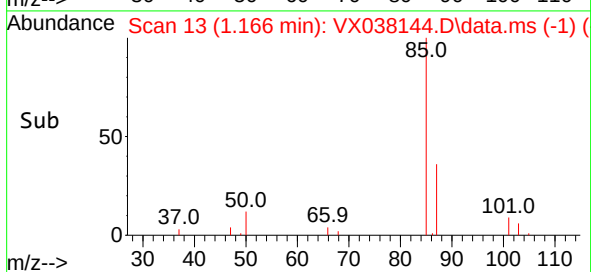
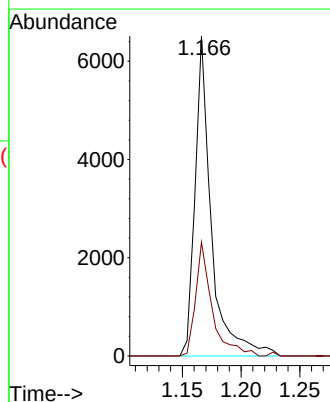
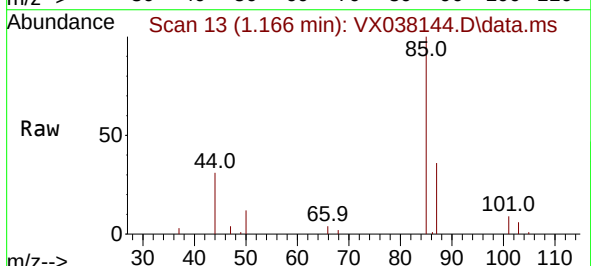
Manual Integrations
APPROVED

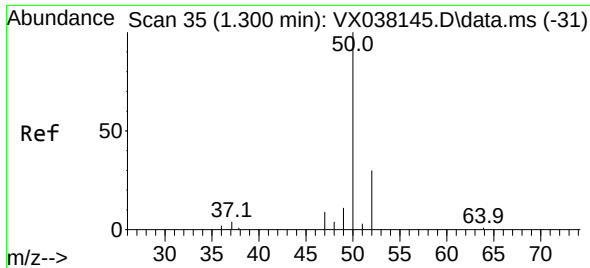
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#2
Dichlorodifluoromethane
Concen: 5.370 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

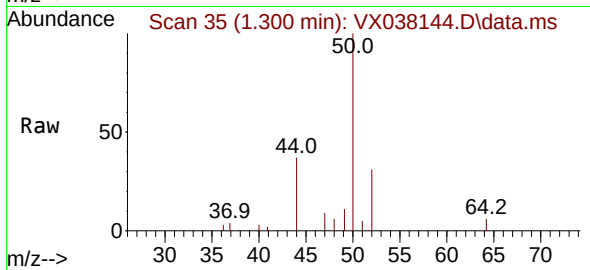
Tgt Ion: 85 Resp: 6282
Ion Ratio Lower Upper
85 100
87 35.6 16.4 49.4





#3
Chloromethane
Concen: 6.014 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

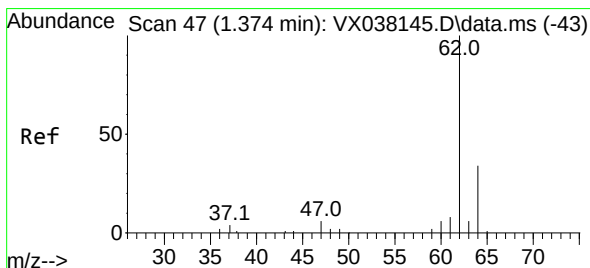
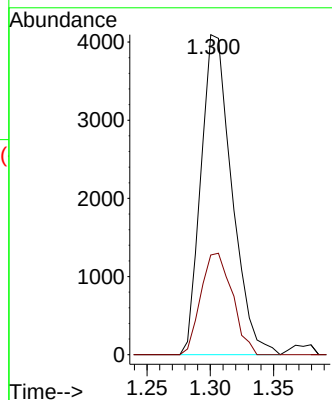
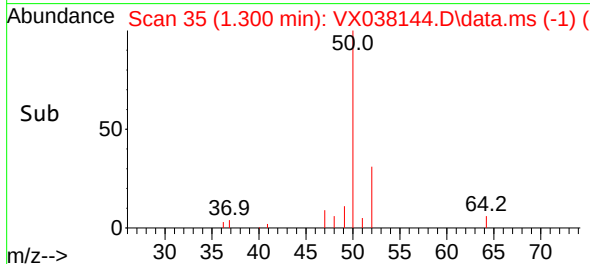
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 6968
Ion Ratio Lower Upper
50 100
52 31.2 24.5 36.7

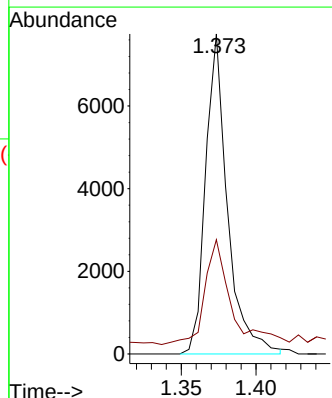
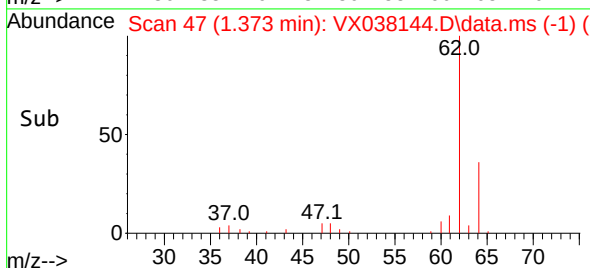
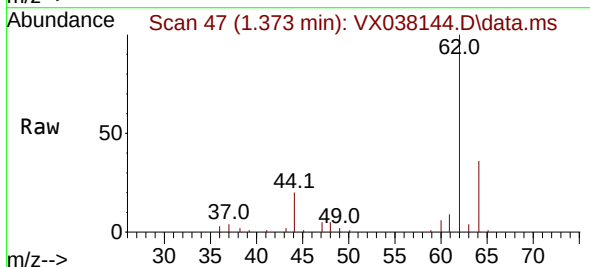
Manual Integrations
APPROVED

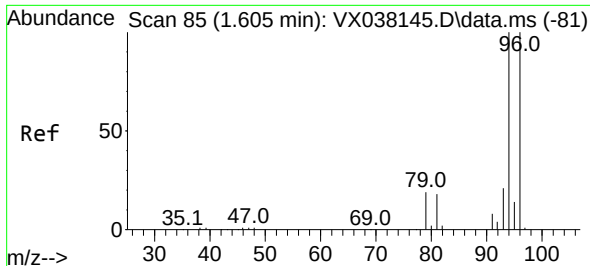
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#4
Vinyl Chloride
Concen: 5.807 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 62 Resp: 7881
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





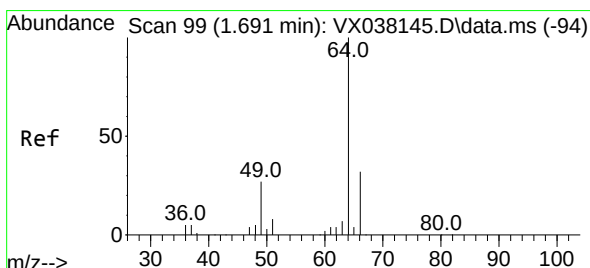
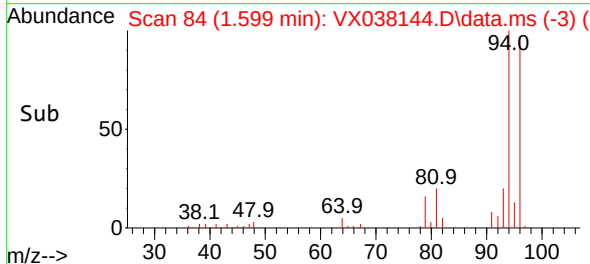
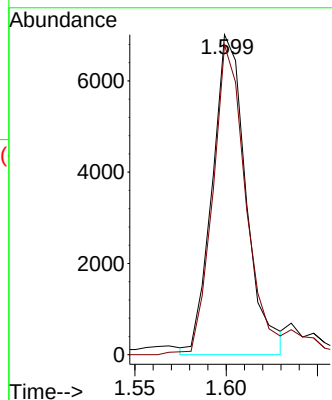
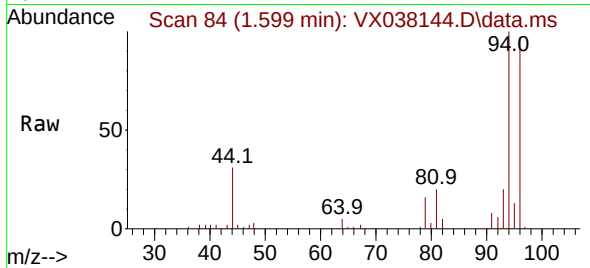
#5
Bromomethane
Concen: 5.500 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 9032
Ion Ratio Lower Upper
94 100
96 98.0 77.4 116.2

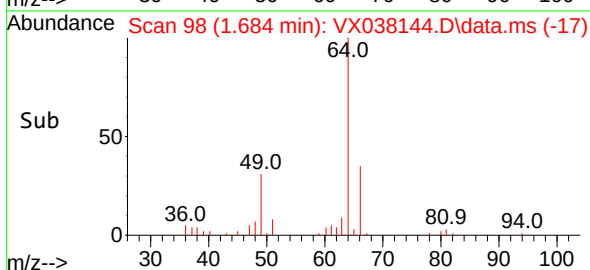
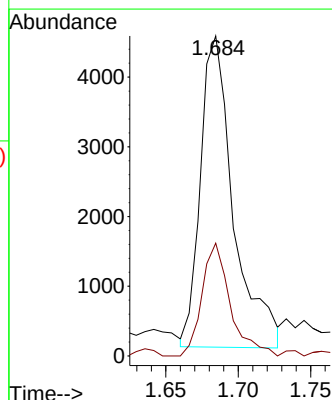
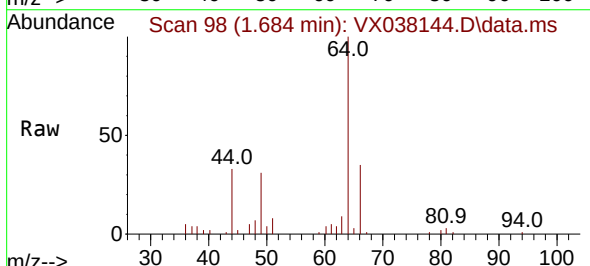
Manual Integrations
APPROVED

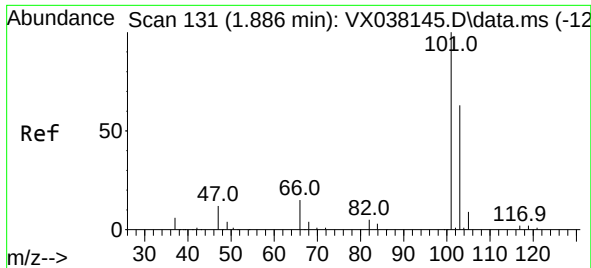
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#6
Chloroethane
Concen: 6.118 ug/l m
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 64 Resp: 7073
Ion Ratio Lower Upper
64 100
66 35.2 23.1 34.7#





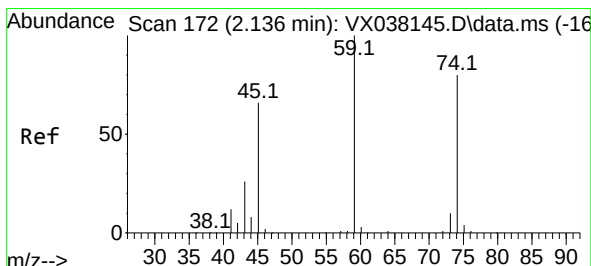
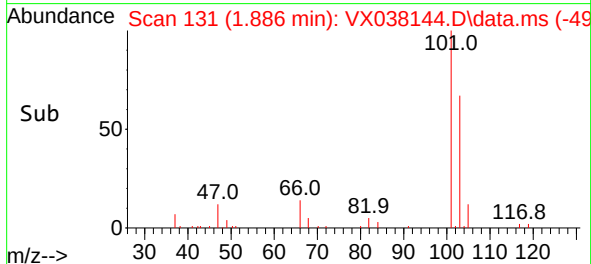
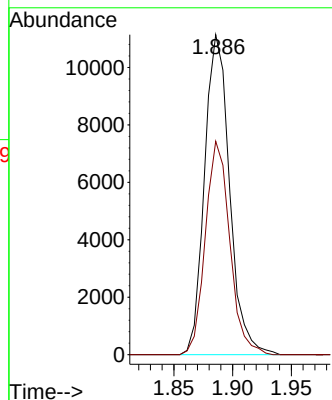
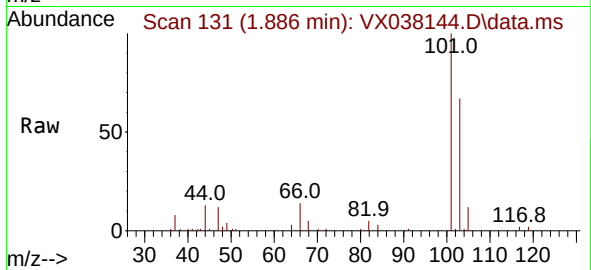
#7
Trichlorofluoromethane
Concen: 5.728 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1655
Ion Ratio Lower Upper
101 100
103 66.7 52.2 78.2

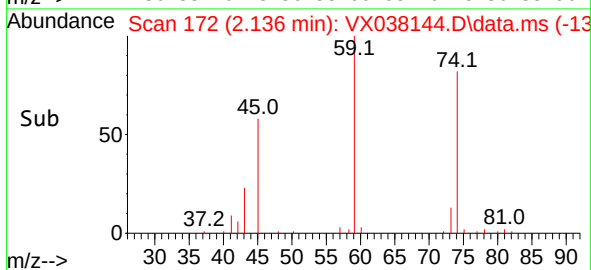
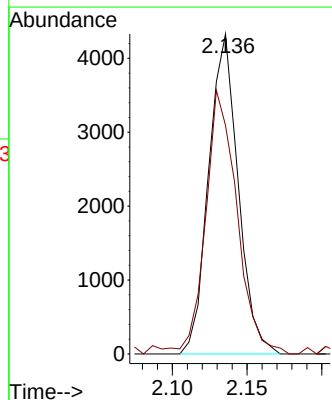
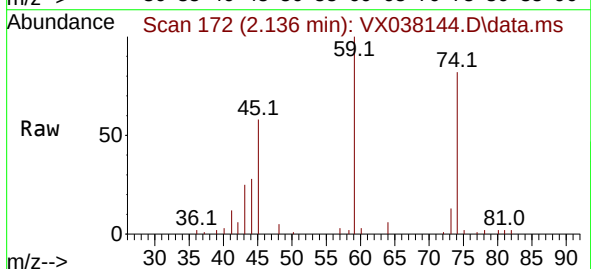
Manual Integrations
APPROVED

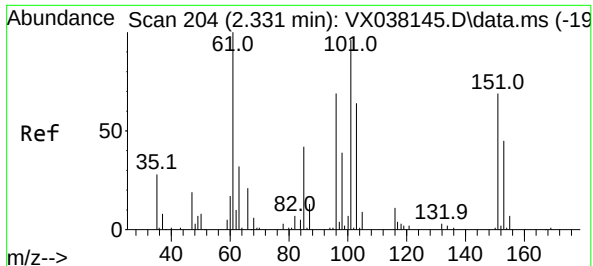
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#8
Diethyl Ether
Concen: 5.639 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 74 Resp: 5946
Ion Ratio Lower Upper
74 100
45 86.5 19.9 178.9





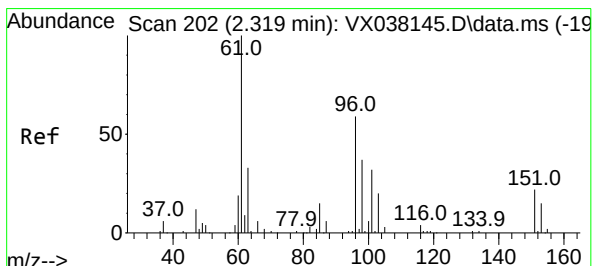
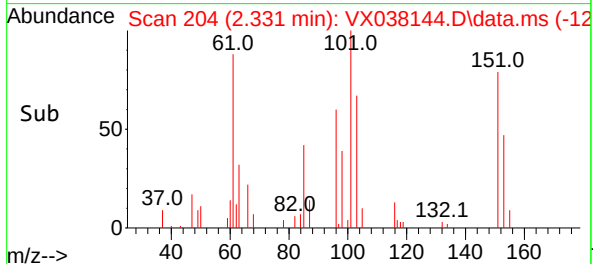
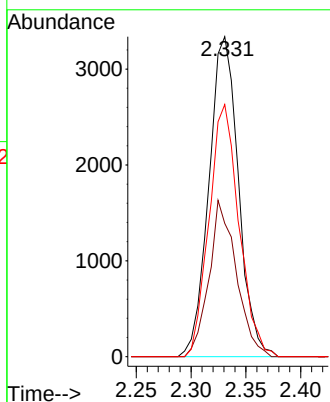
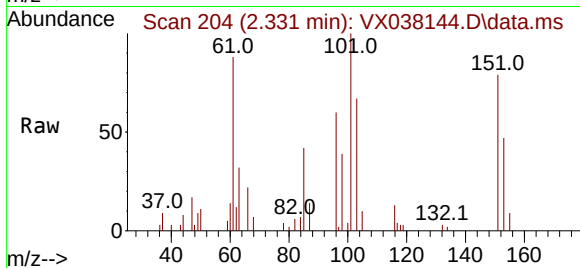
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.671 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 626
Ion Ratio Lower Upper
101 100
85 45.2 0.0 91.0
151 79.7 0.0 155.4

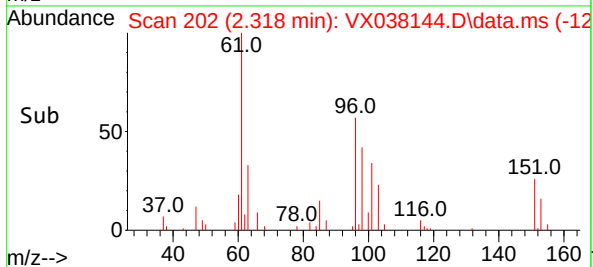
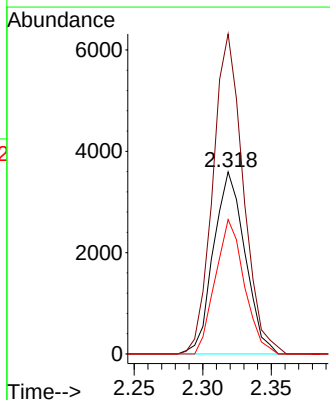
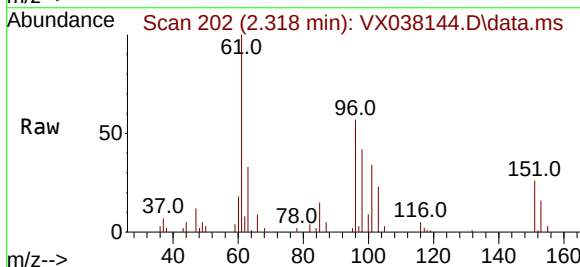
Manual Integrations
APPROVED

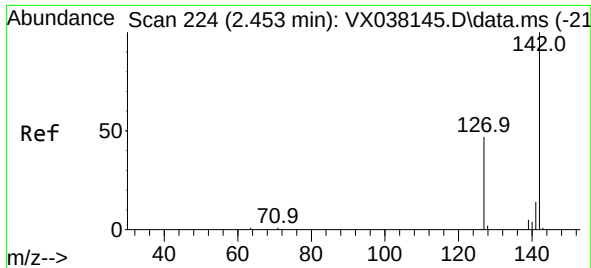
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#10
1,1-Dichloroethene
Concen: 5.357 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

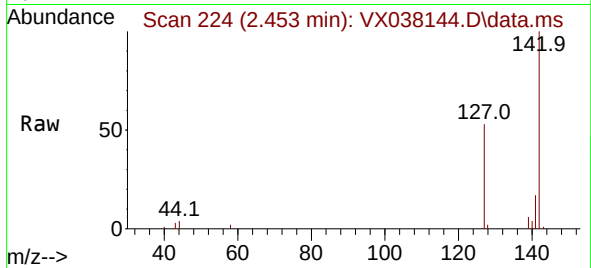
Tgt Ion: 96 Resp: 5763
Ion Ratio Lower Upper
96 100
61 175.8 127.2 190.8
98 73.8 52.7 79.1





#11
Methyl Iodide
Concen: 5.353 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

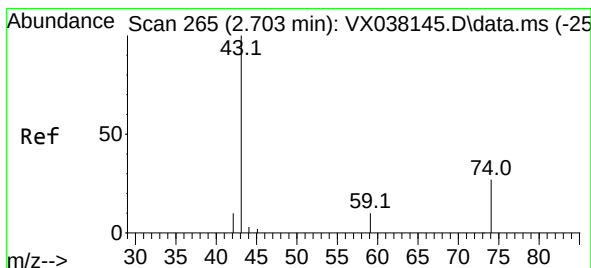
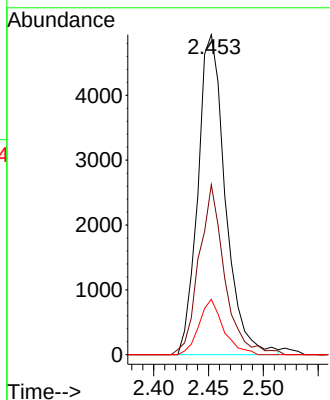
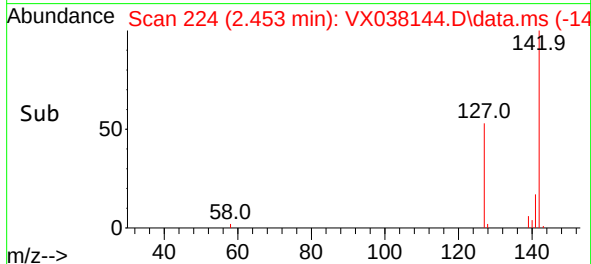
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 8580
Ion Ratio Lower Upper
142 100
127 52.1 22.9 68.8
141 17.4 7.5 22.6

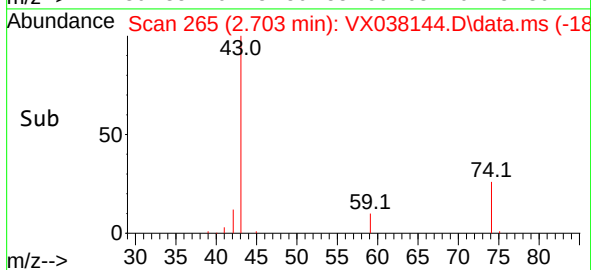
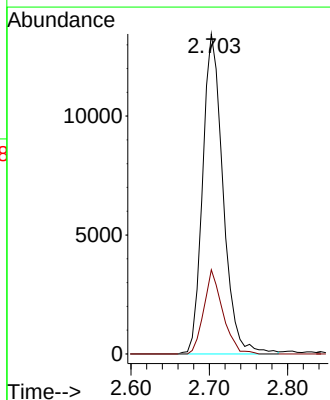
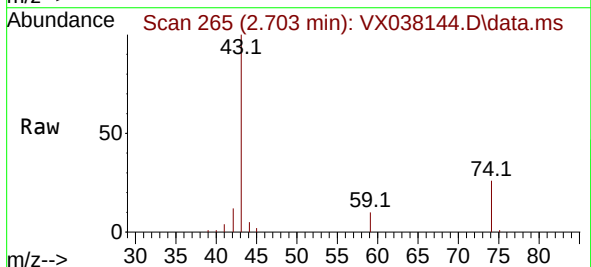
Manual Integrations
APPROVED

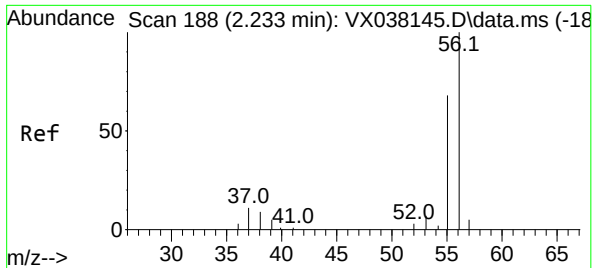
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#12
Methyl Acetate
Concen: 6.649 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 43 Resp: 24341
Ion Ratio Lower Upper
43 100
74 26.4 20.3 30.5





#13

Acrolein

Concen: 20.562 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 4719

Ion Ratio Lower Upper

56 100

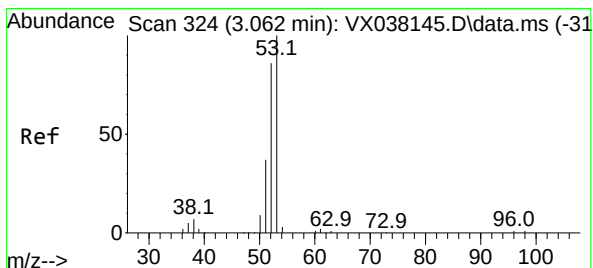
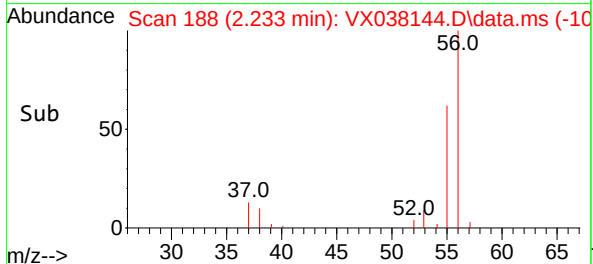
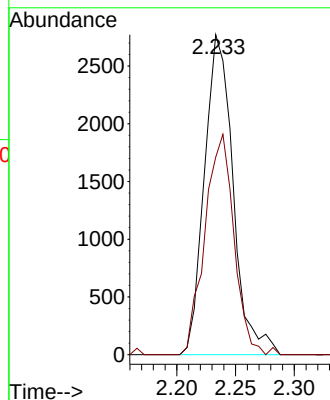
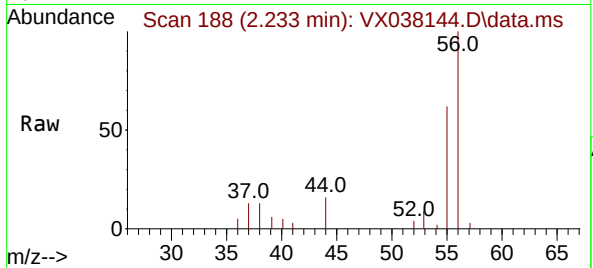
55 69.5 59.7 89.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#14

Acrylonitrile

Concen: 26.971 ug/l

RT: 3.062 min Scan# 324

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

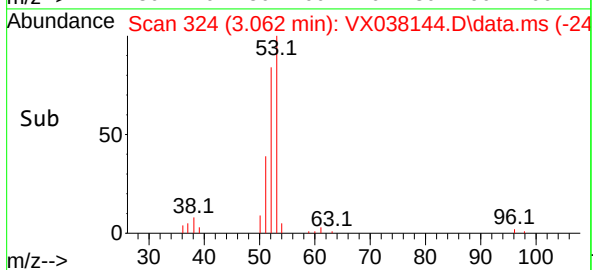
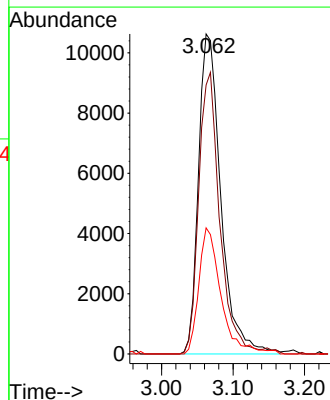
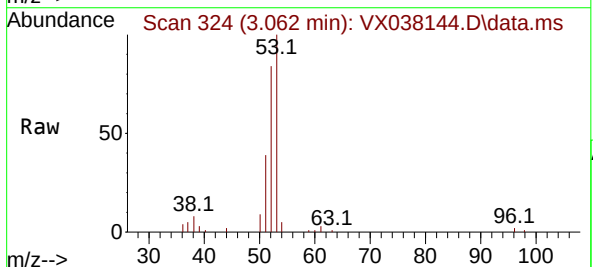
Tgt Ion: 53 Resp: 23141

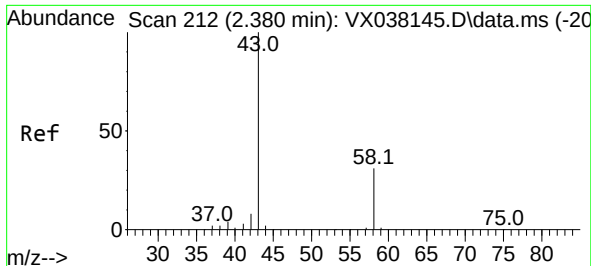
Ion Ratio Lower Upper

53 100

52 82.3 40.0 119.9

51 37.4 18.2 54.6





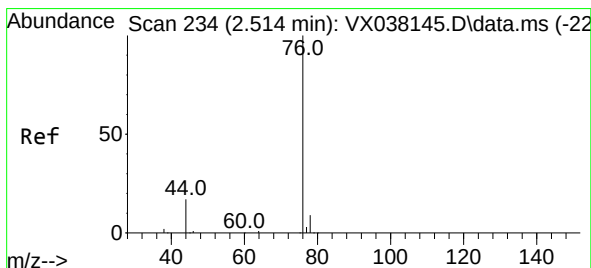
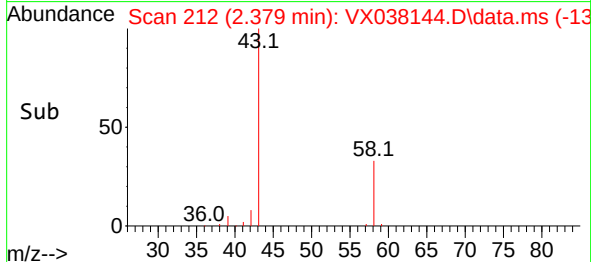
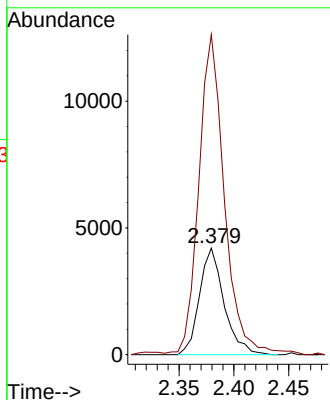
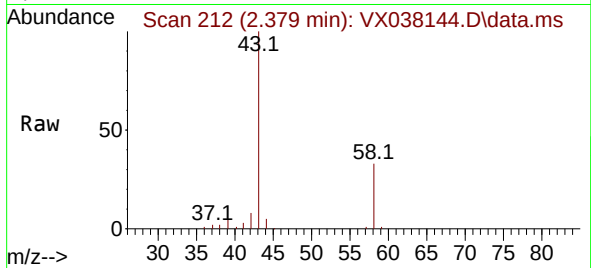
#15
Acetone
Concen: 28.713 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument : MSVOA_X
ClientSampleId : VSTDIC005

Tgt Ion: 58 Resp: 6560
Ion Ratio Lower Upper
58 100
43 297.7 261.0 391.4

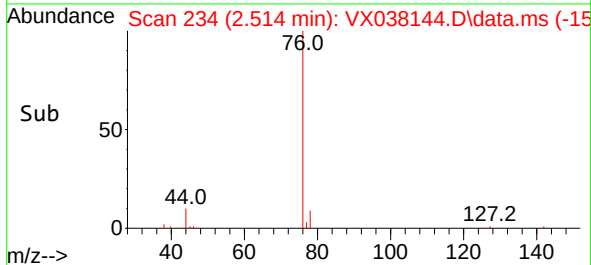
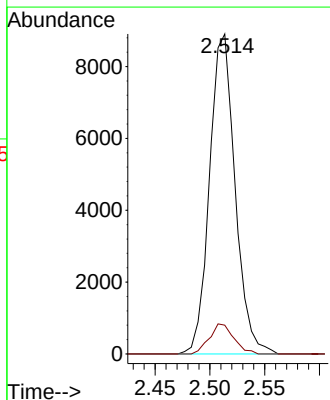
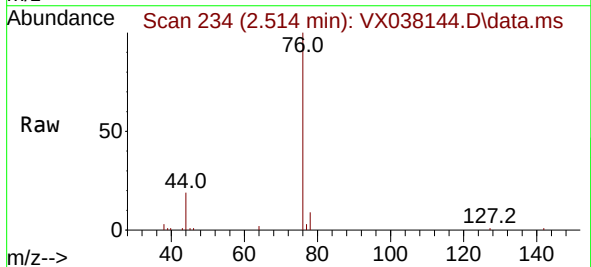
Manual Integrations
APPROVED

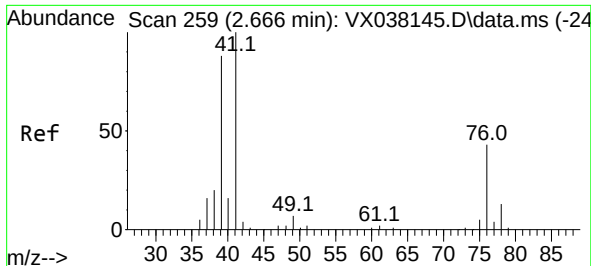
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#16
Carbon Disulfide
Concen: 5.028 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 76 Resp: 14453
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0





#17

Allyl chloride

Concen: 5.207 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

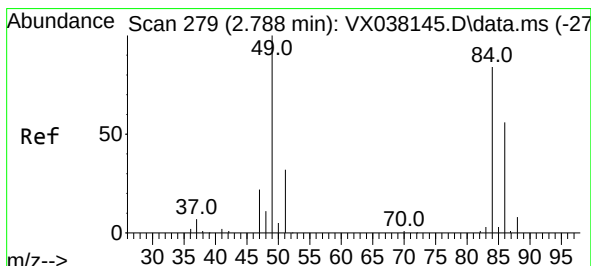
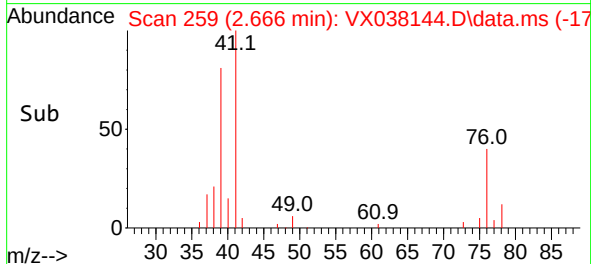
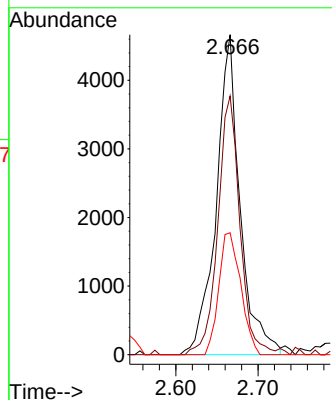
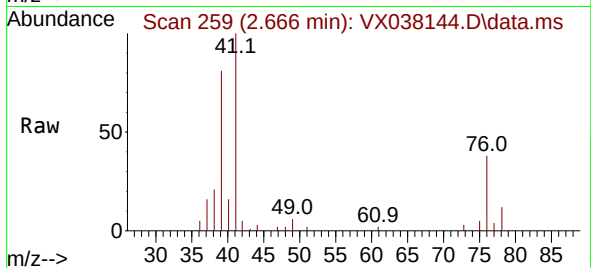
Tgt Ion:	41	Resp:	941
Ion	Ratio	Lower	Upper
41	100		
39	80.9	38.5	115.3
76	38.1	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#18

Methylene Chloride

Concen: 5.857 ug/l

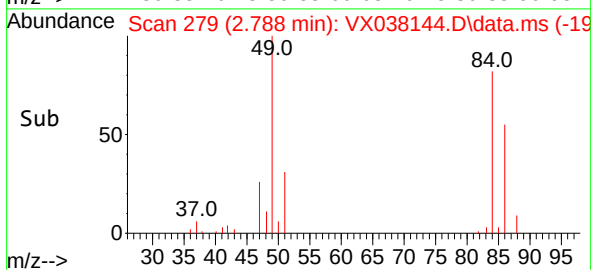
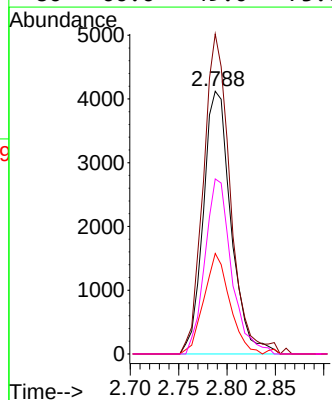
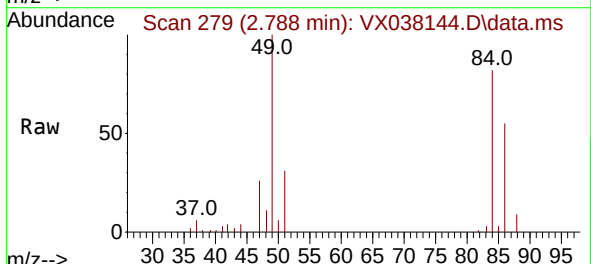
RT: 2.788 min Scan# 279

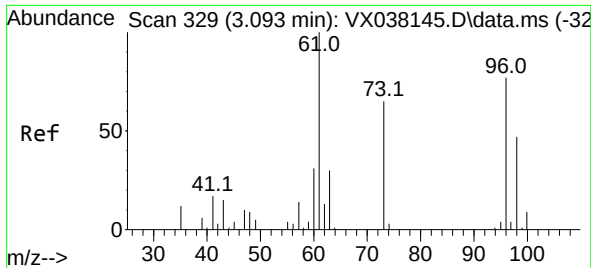
Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

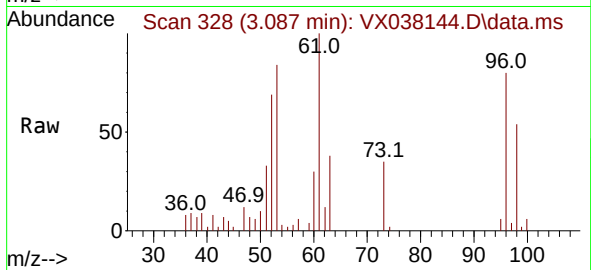
Tgt Ion:	84	Resp:	8214
Ion	Ratio	Lower	Upper
84	100		
49	121.8	95.4	143.0
51	38.2	28.3	42.5
86	66.6	49.0	73.6





#19
trans-1,2-Dichloroethene
Concen: 5.466 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

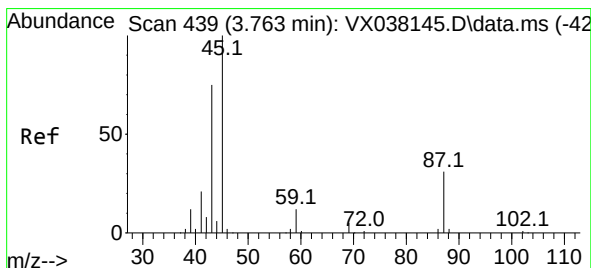
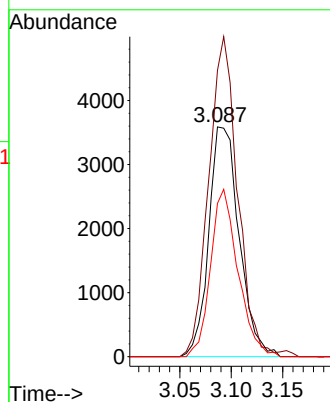
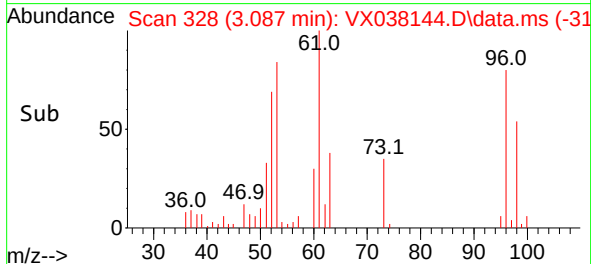
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 736
Ion Ratio Lower Upper
96 100
61 124.6 108.7 163.1
98 66.7 49.1 73.7

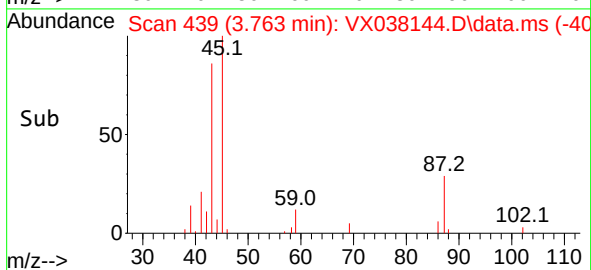
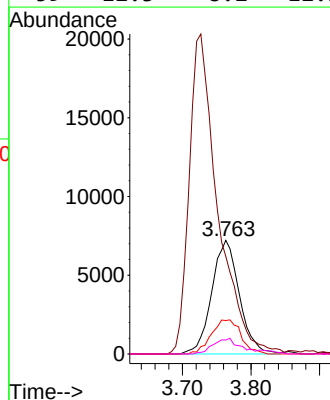
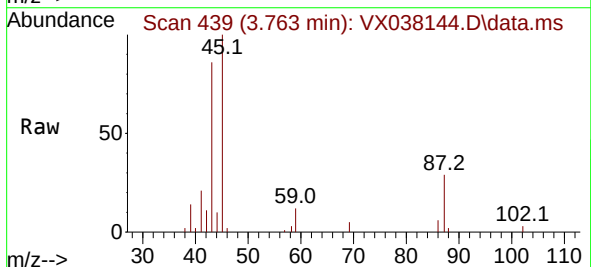
Manual Integrations
APPROVED

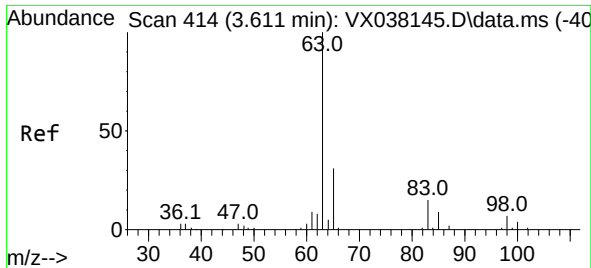
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#20
Diisopropyl ether
Concen: 5.090 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 45 Resp: 20193
Ion Ratio Lower Upper
45 100
43 82.2 55.8 83.6
87 29.5 23.0 34.4
59 12.3 8.2 12.2#





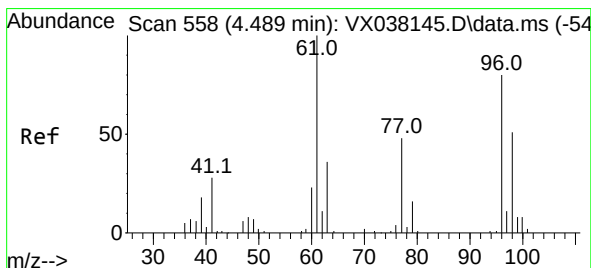
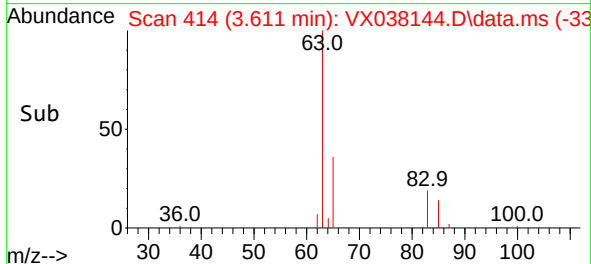
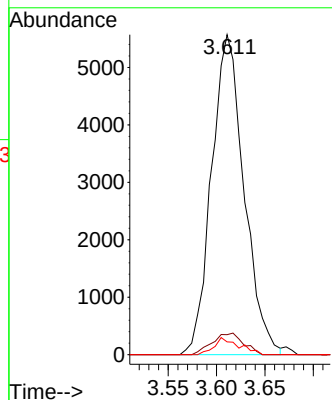
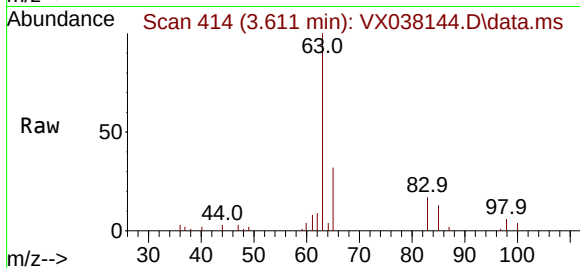
#21
1,1-Dichloroethane
Concen: 5.388 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 13009
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 4.0 2.3 6.8

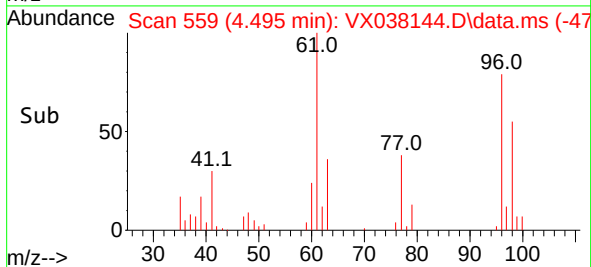
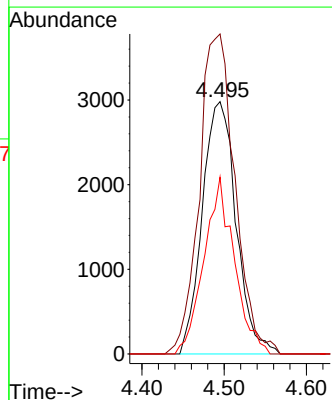
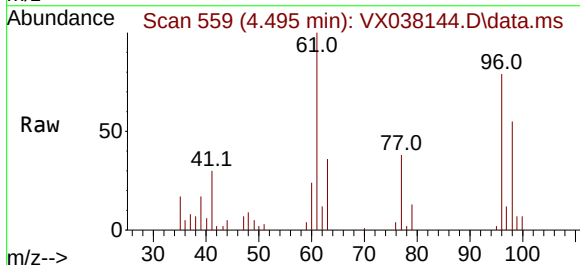
Manual Integrations
APPROVED

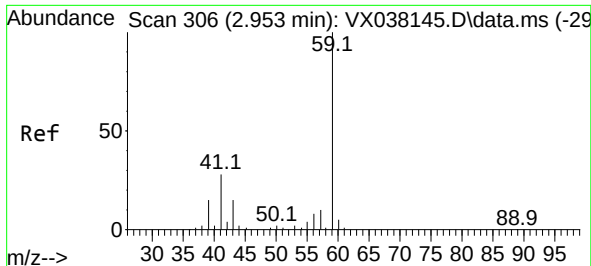
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#22
cis-1,2-Dichloroethene
Concen: 5.374 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

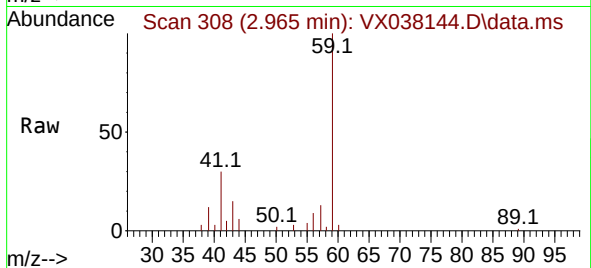
Tgt Ion: 96 Resp: 8526
Ion Ratio Lower Upper
96 100
61 133.3 114.0 171.0
98 62.7 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 25.794 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

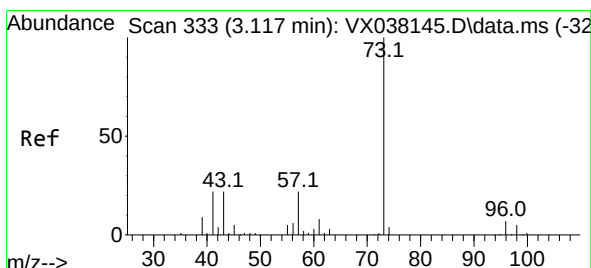
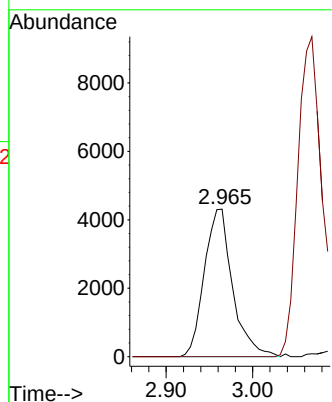
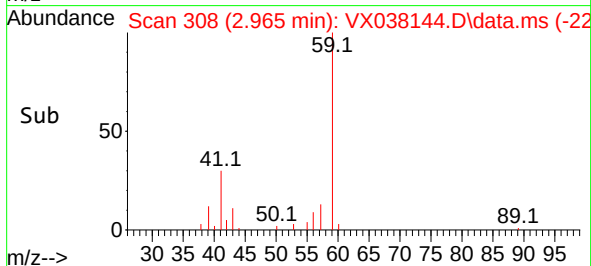
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 9744
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

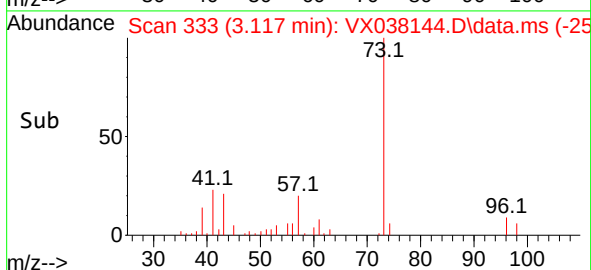
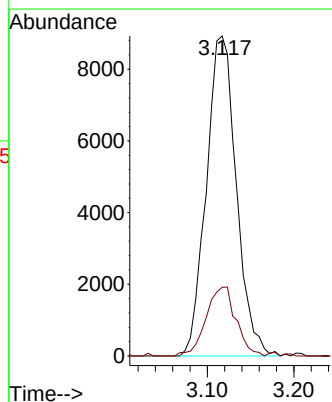
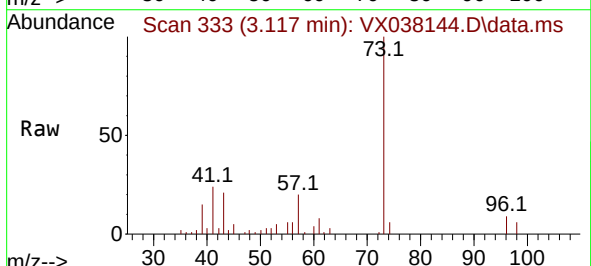
Manual Integrations
APPROVED

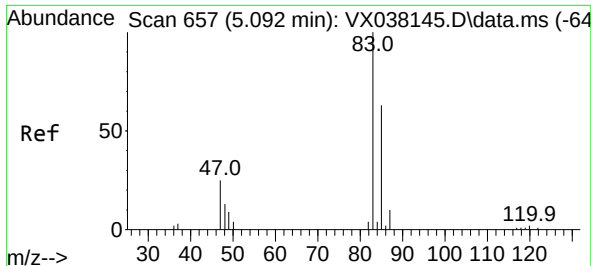
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#24
Methyl tert-Butyl Ether
Concen: 5.085 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 73 Resp: 21475
Ion Ratio Lower Upper
73 100
43 21.4 16.8 25.2





#25

Chloroform

Concen: 5.232 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1434

Ion Ratio Lower Upper

83 100

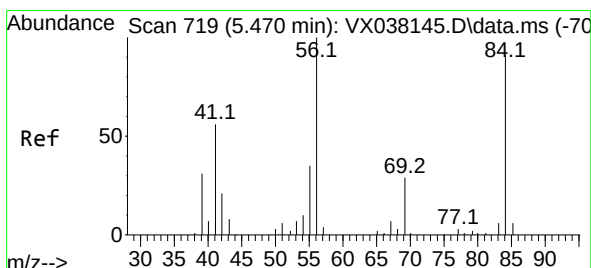
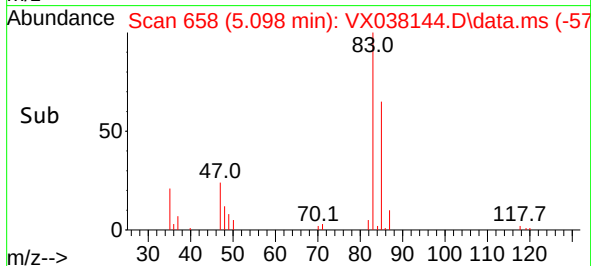
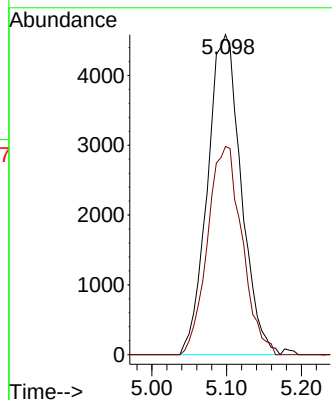
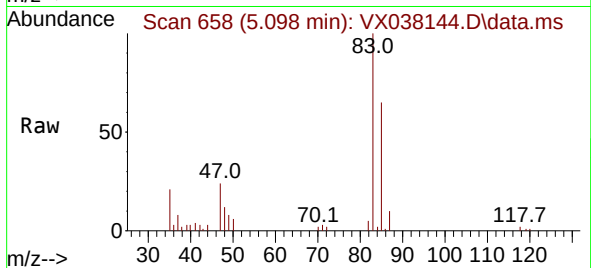
85 65.1 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#26

Cyclohexane

Concen: 5.280 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

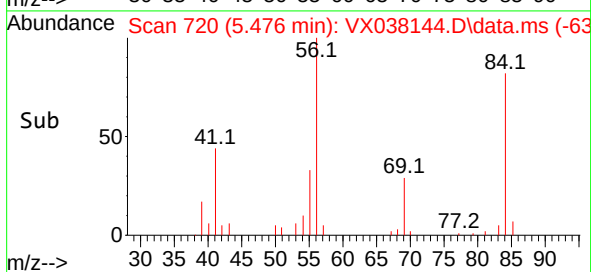
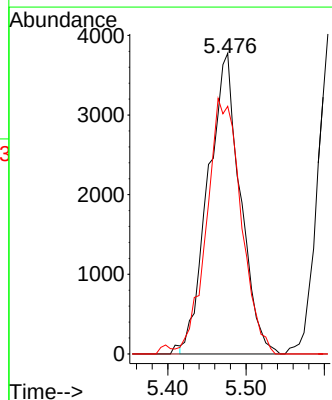
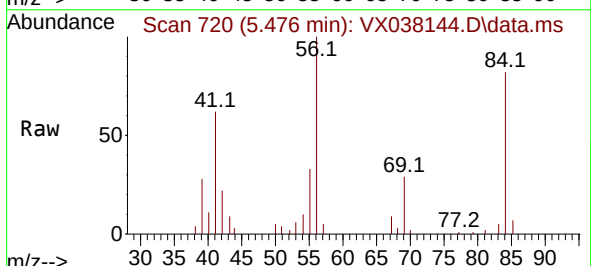
Tgt Ion: 56 Resp: 10782

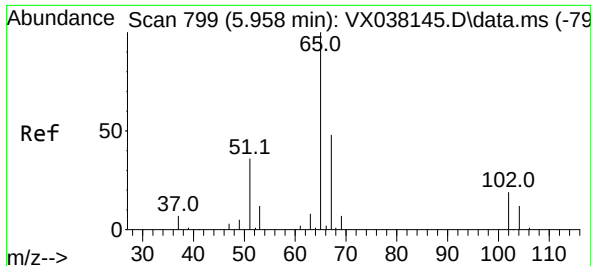
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 31.712 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

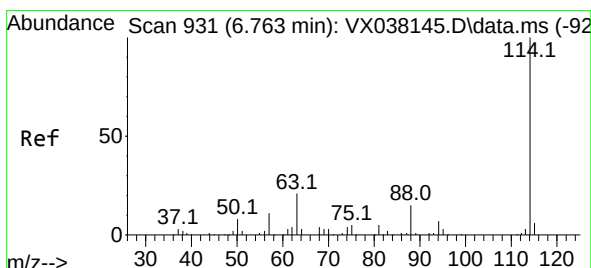
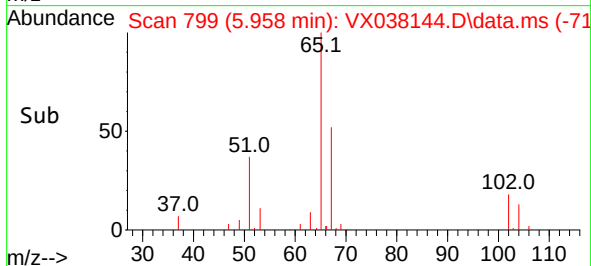
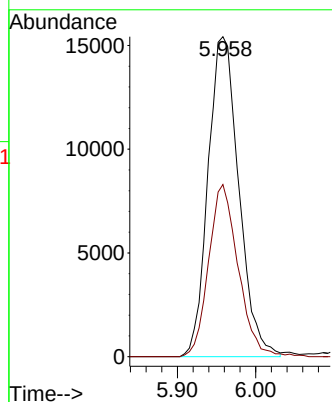
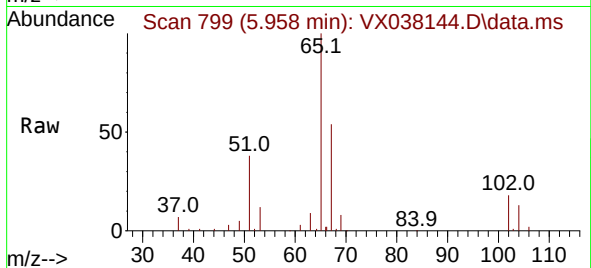
VSTDIC005

Tgt Ion: 65 Resp: 42114
Ion Ratio Lower Upper
65 100
67 51.5 42.1 63.1

Manual Integrations

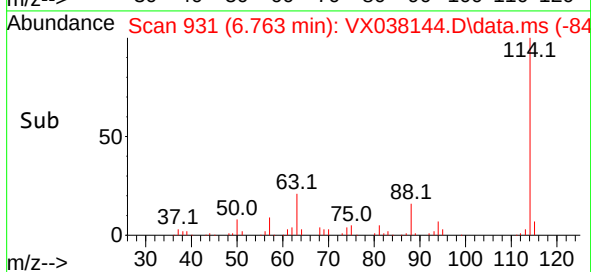
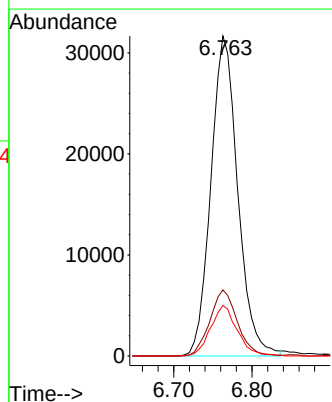
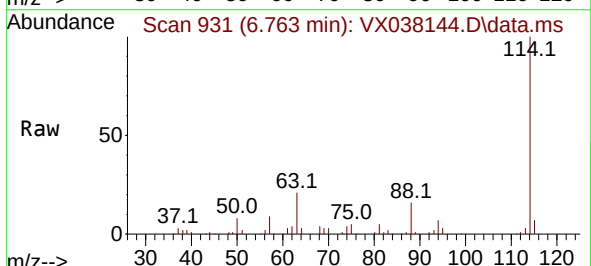
APPROVED

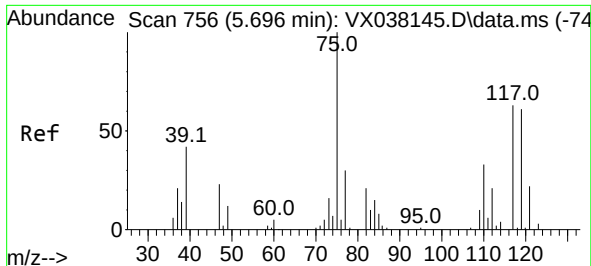
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion:114 Resp: 75559
Ion Ratio Lower Upper
114 100
63 21.0 16.6 24.8
88 15.7 12.9 19.3





#29

1,1-Dichloropropene

Concen: 4.985 ug/l

RT: 5.696 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

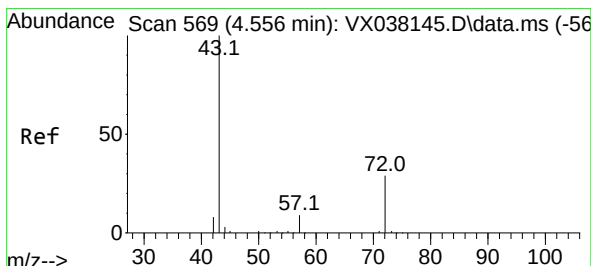
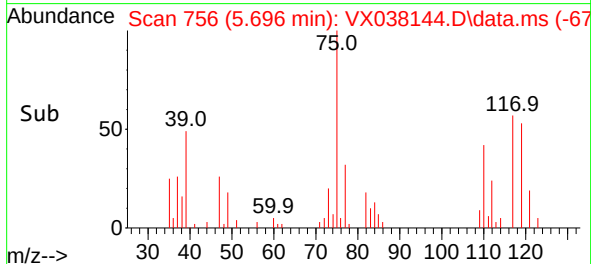
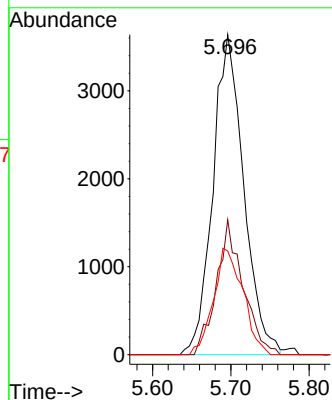
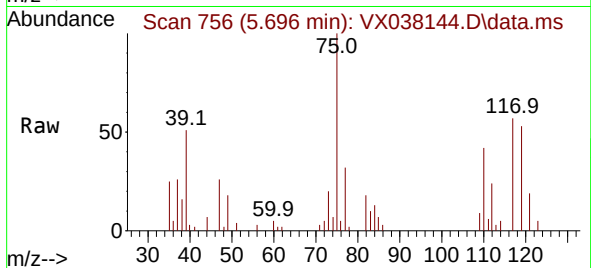
Tgt Ion:	75	Resp:	996
Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	70.4
77	31.7	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#30

2-Butanone

Concen: 26.270 ug/l

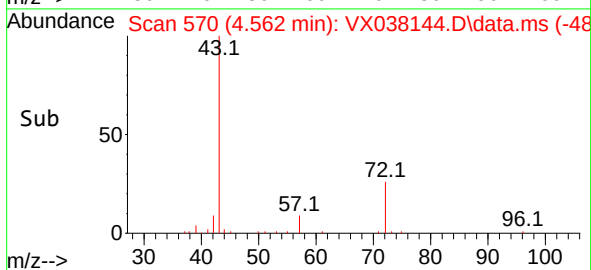
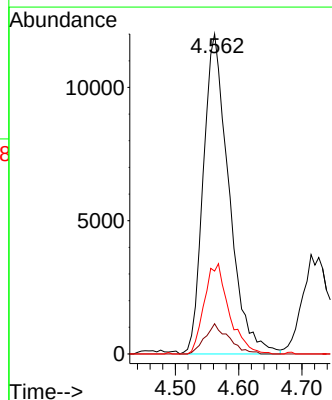
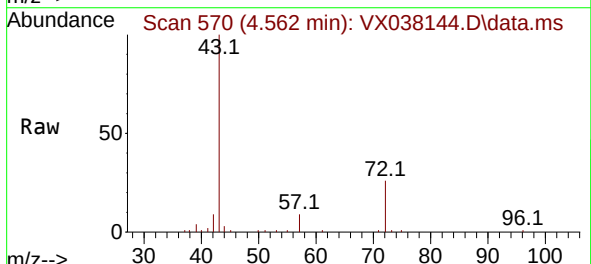
RT: 4.562 min Scan# 570

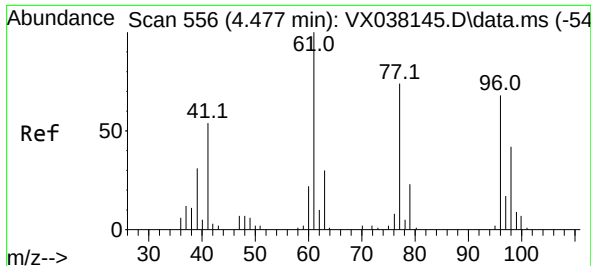
Delta R.T. 0.006 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion:	43	Resp:	33755
Ion	Ratio	Lower	Upper
43	100		
57	8.7	6.4	9.6
72	27.2	21.6	32.4





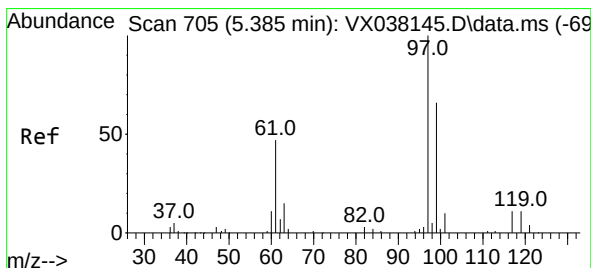
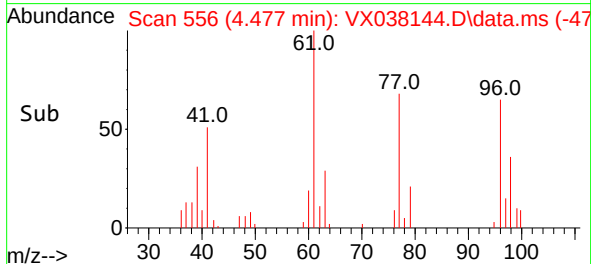
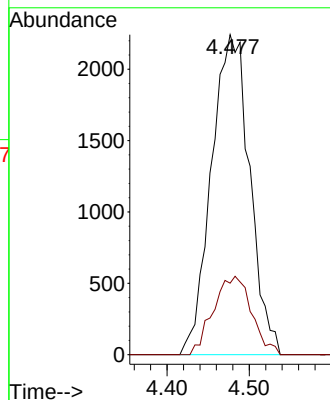
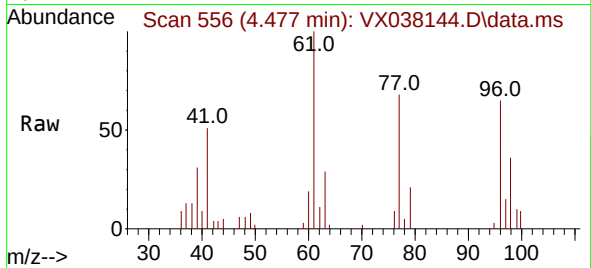
#31
2,2-Dichloropropane
Concen: 4.920 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 77 Resp: 726
Ion Ratio Lower Upper
77 100
97 23.7 18.6 27.8

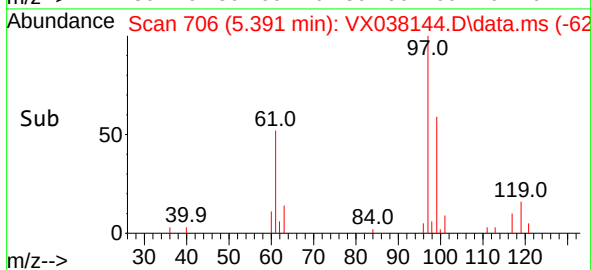
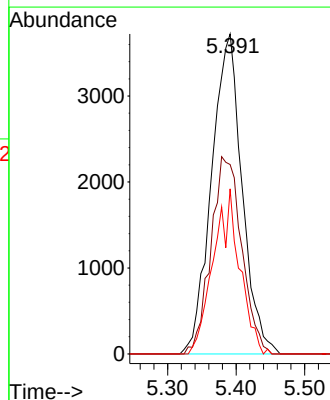
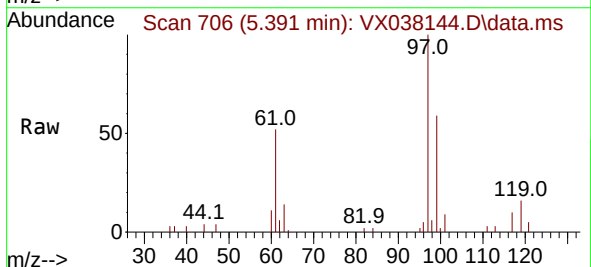
Manual Integrations
APPROVED

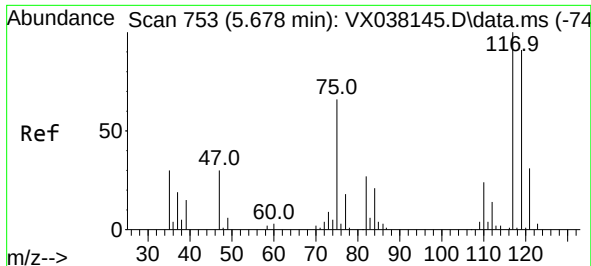
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#32
1,1,1-Trichloroethane
Concen: 4.825 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

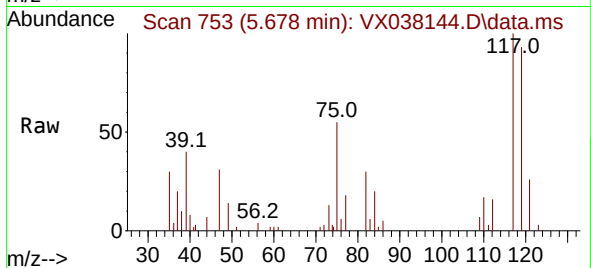
Tgt Ion: 97 Resp: 11526
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 20.7 35.8 53.8#





#33
Carbon Tetrachloride
Concen: 4.614 ug/l m
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

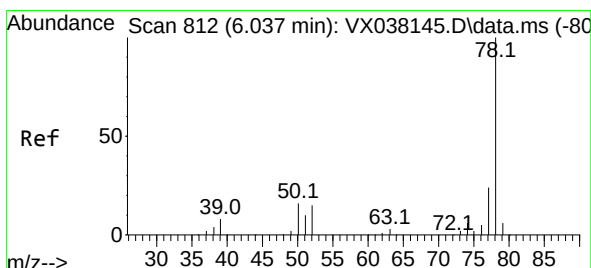
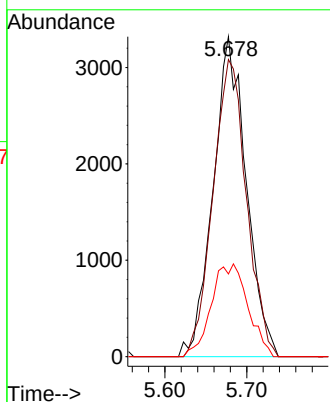
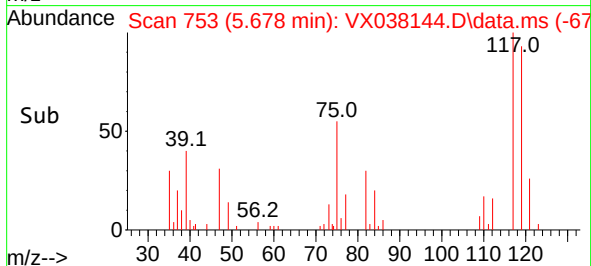
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 9337
Ion Ratio Lower Upper
117 100
119 92.9 76.6 115.0
121 25.8 26.5 39.7

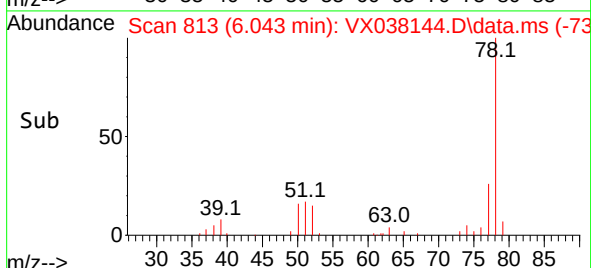
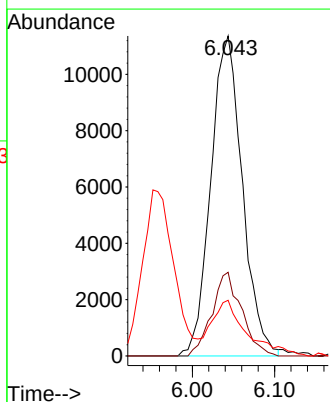
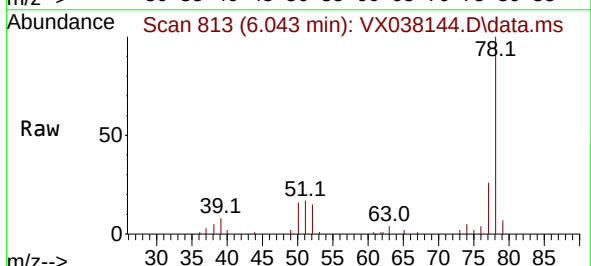
Manual Integrations
APPROVED

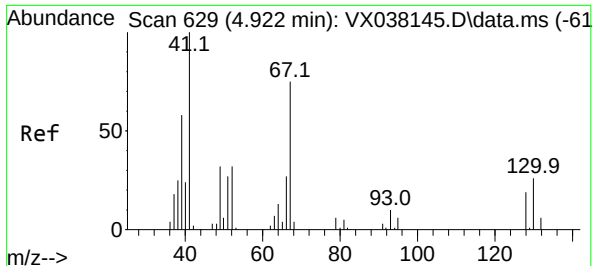
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#34
Benzene
Concen: 5.130 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 78 Resp: 30337
Ion Ratio Lower Upper
78 100
77 26.1 18.7 28.1
51 14.5 14.2 21.4





#35

Methacrylonitrile

Concen: 4.747 ug/l

RT: 4.922 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 5710

Ion Ratio Lower Upper

41 100

39 48.0 28.2 84.7

67 64.1 35.0 105.1

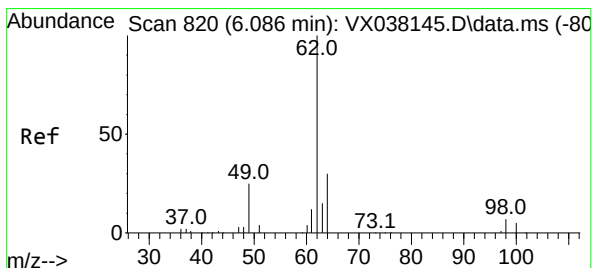
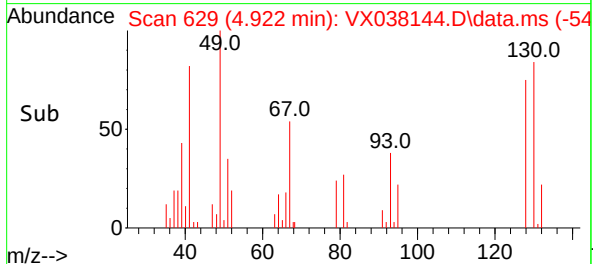
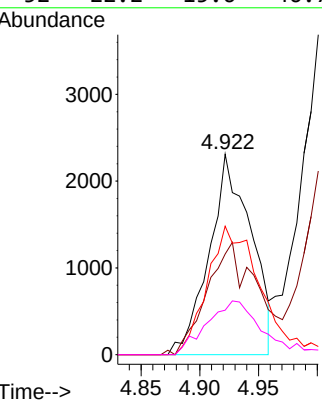
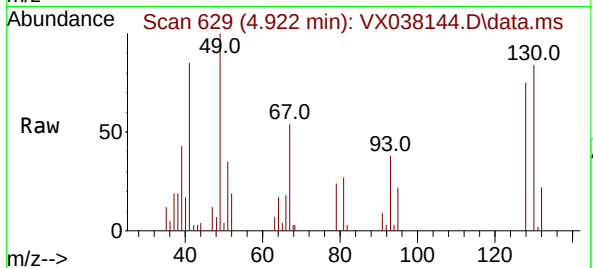
52 22.2 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#36

1,2-Dichloroethane

Concen: 5.189 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.006 min

Lab File: VX038144.D

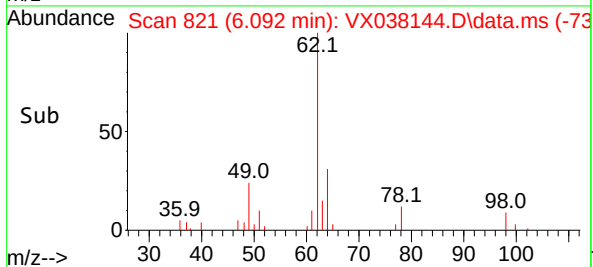
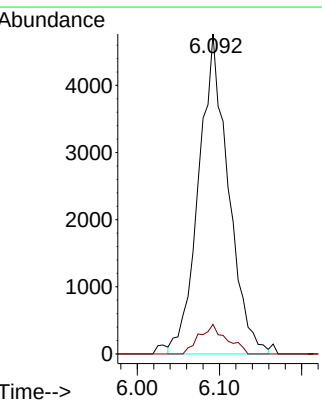
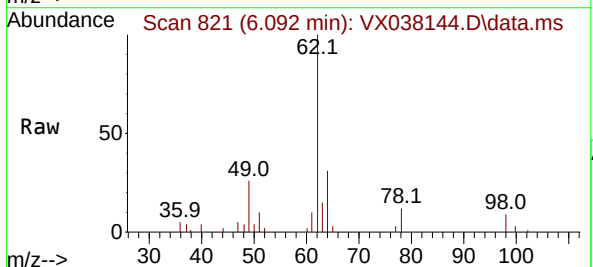
Acq: 06 Oct 2023 22:20

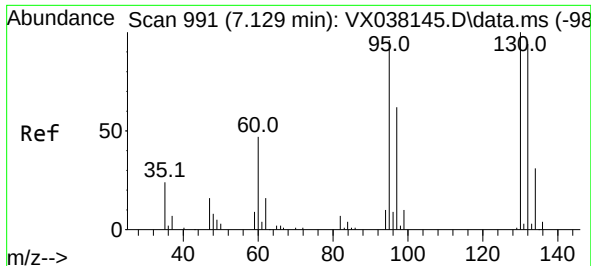
Tgt Ion: 62 Resp: 11904

Ion Ratio Lower Upper

62 100

98 3.2 7.0 10.6#





#37
Trichloroethene
Concen: 5.128 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

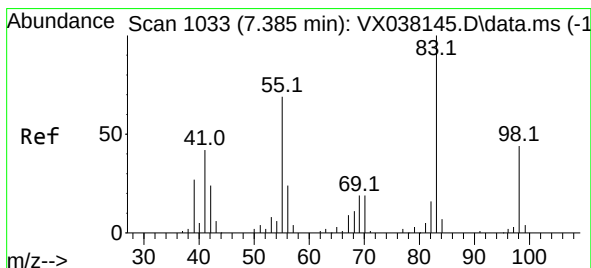
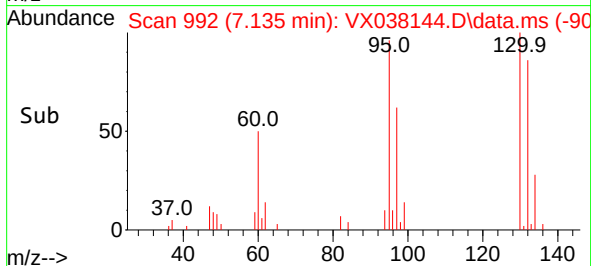
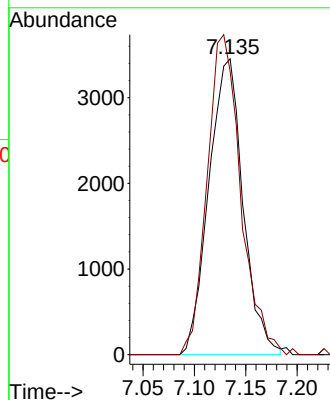
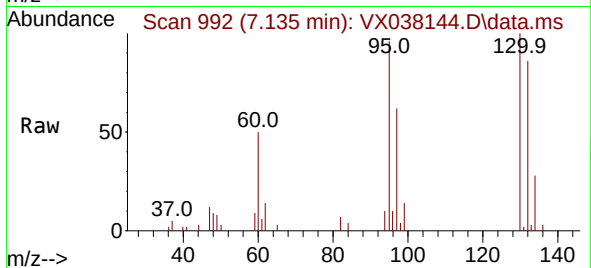
VSTDIC005

Tgt Ion:130 Resp: 798
Ion Ratio Lower Upper
130 100
95 95.8 83.2 124.8

Manual Integrations

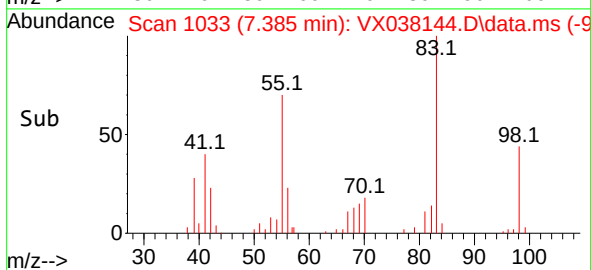
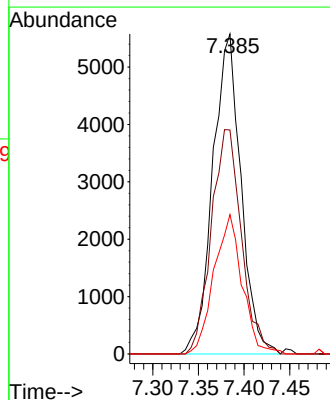
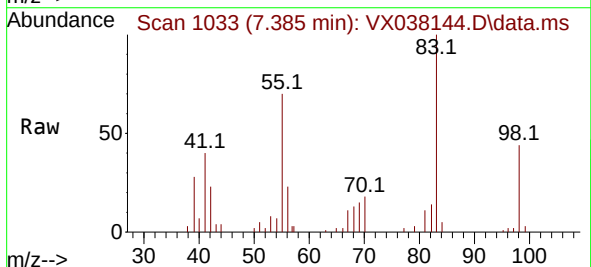
APPROVED

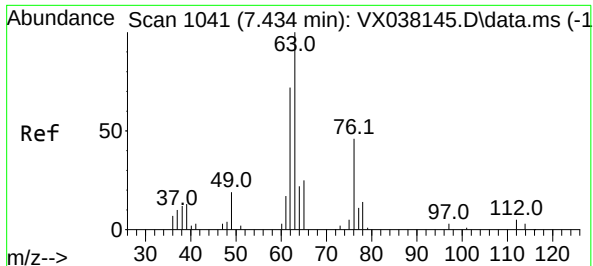
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#38
Methylcyclohexane
Concen: 5.028 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 83 Resp: 11973
Ion Ratio Lower Upper
83 100
55 74.7 38.1 114.5
98 43.5 24.4 73.4





#39

1,2-Dichloropropane

Concen: 5.109 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

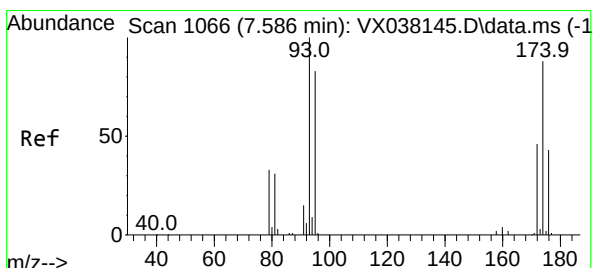
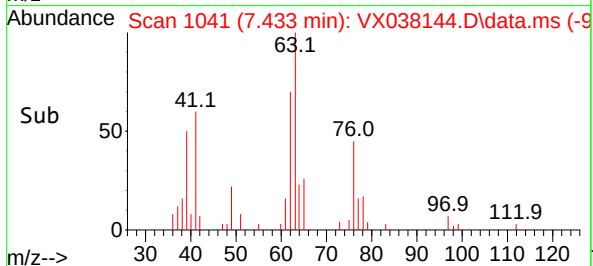
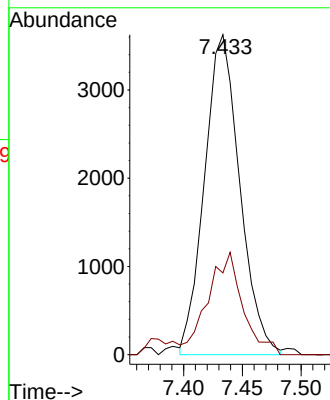
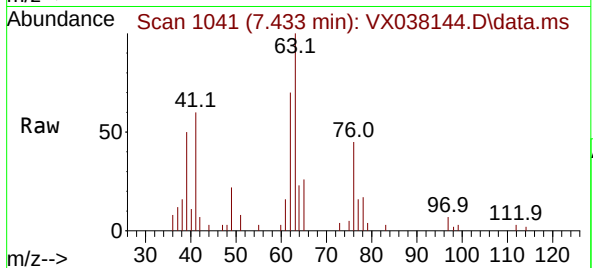
Tgt Ion: 63 Resp: 7574
 Ion Ratio Lower Upper
 63 100
 65 25.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#40

Dibromomethane

Concen: 4.944 ug/l

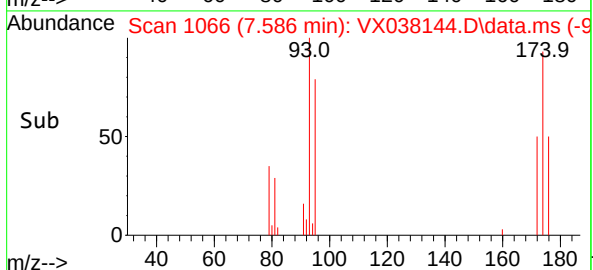
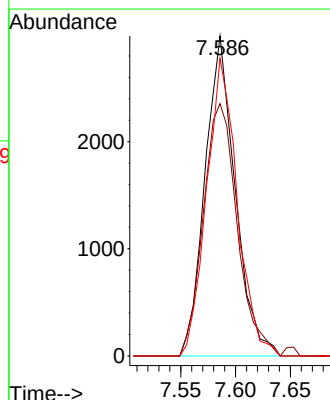
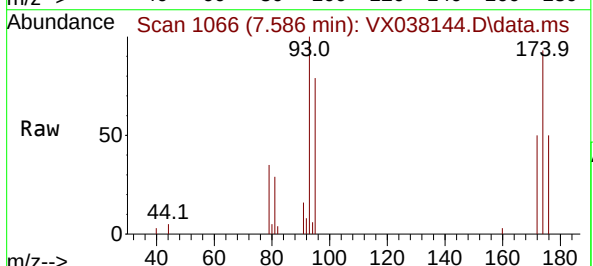
RT: 7.586 min Scan# 1066

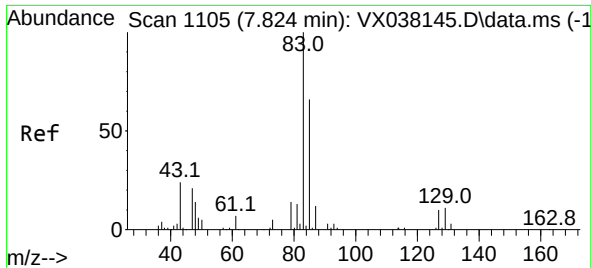
Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

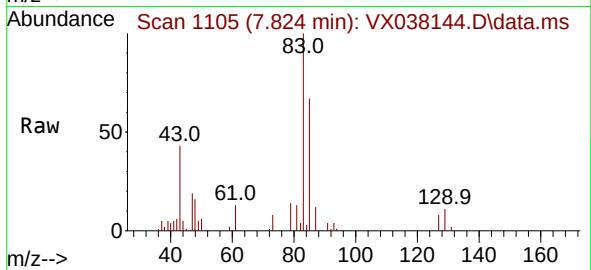
Tgt Ion: 93 Resp: 5727
 Ion Ratio Lower Upper
 93 100
 95 88.3 0.0 166.8
 174 94.2 0.0 191.6





#41
Bromodichloromethane
Concen: 4.585 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

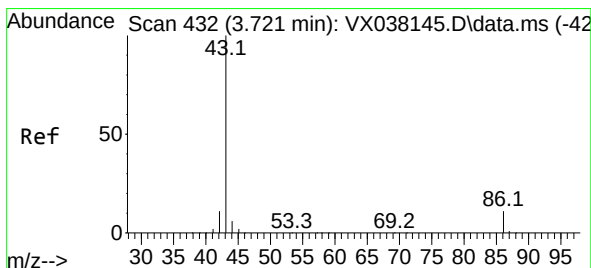
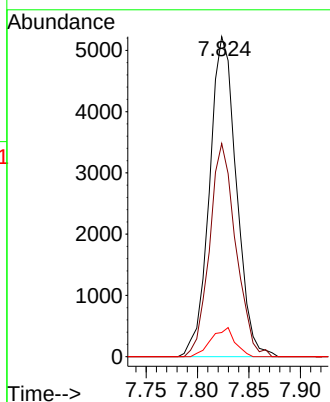
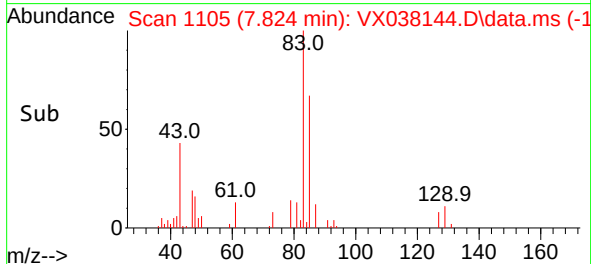
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



Tgt Ion: 83 Resp: 952
Ion Ratio Lower Upper
83 100
85 66.6 51.5 77.3
127 7.5 6.4 9.6

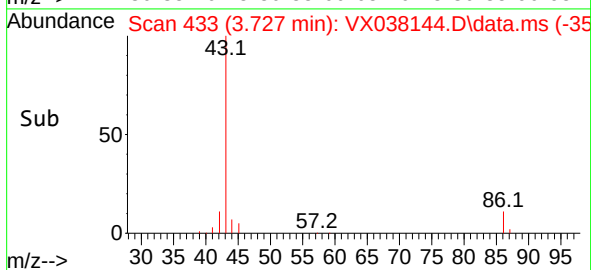
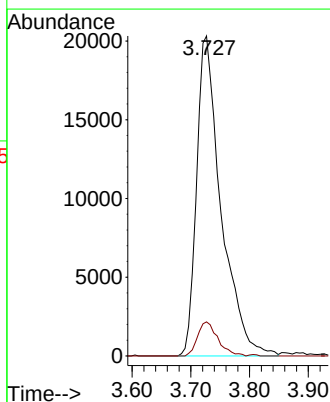
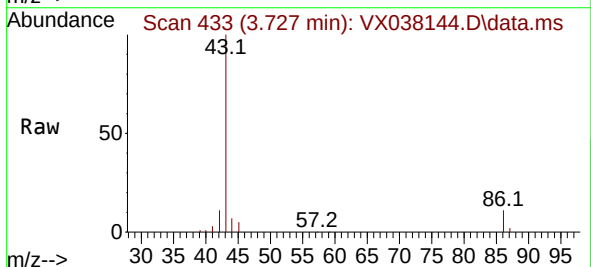
Manual Integrations
APPROVED

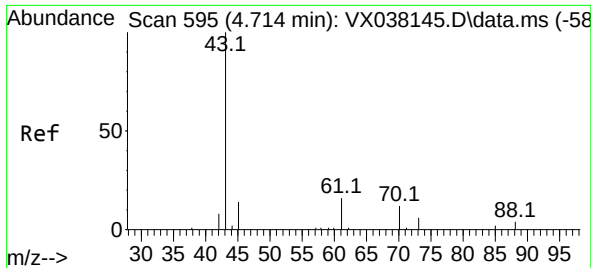
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#42
Vinyl Acetate
Concen: 20.798 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

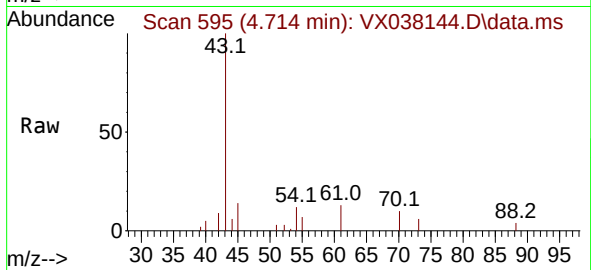
Tgt Ion: 43 Resp: 58819
Ion Ratio Lower Upper
43 100
86 8.8 7.4 11.0





#43
Ethyl Acetate
Concen: 4.746 ug/l m
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

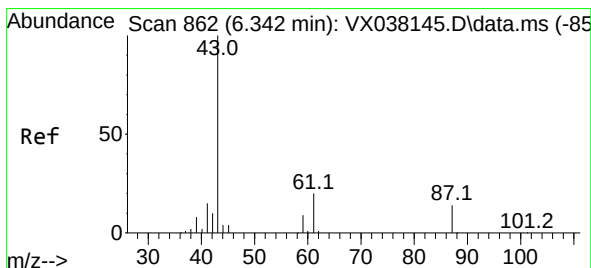
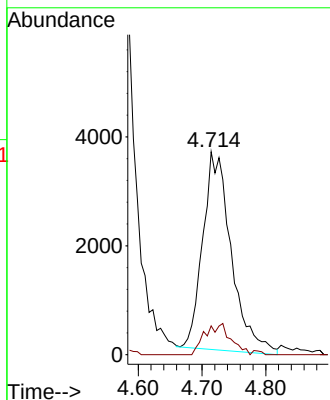
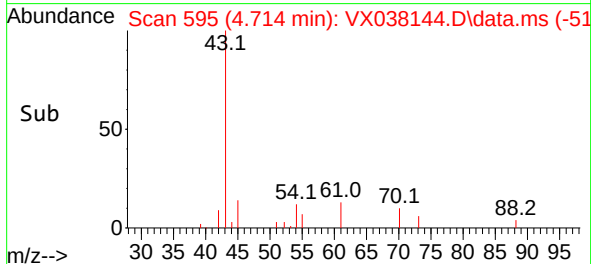
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 11280
Ion Ratio Lower Upper
43 100
45 6.7 12.6 18.8

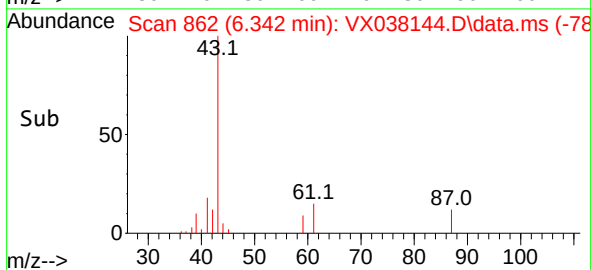
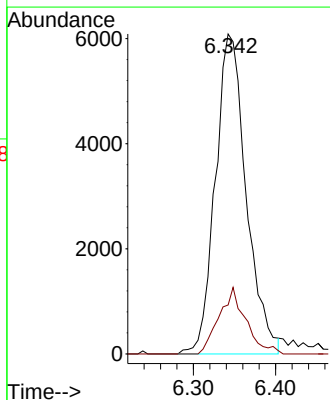
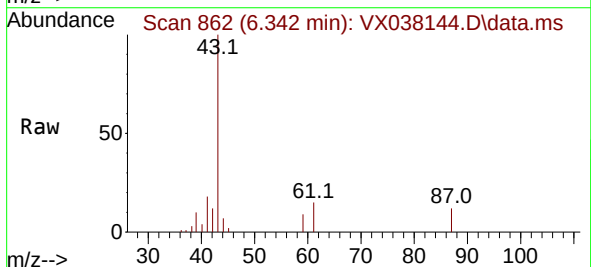
Manual Integrations
APPROVED

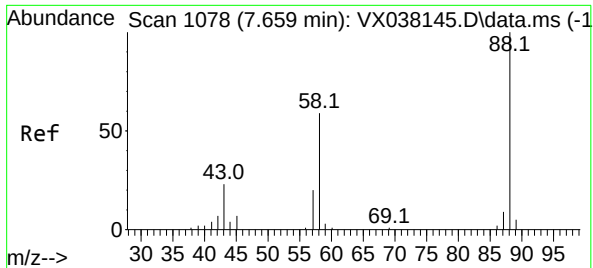
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#44
Isopropyl Acetate
Concen: 4.495 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

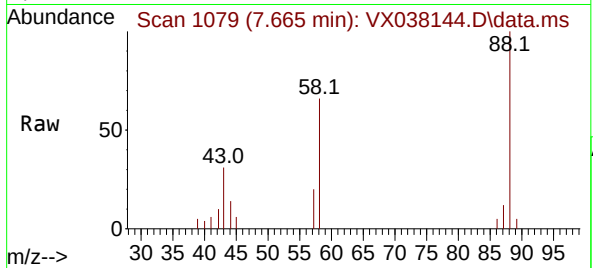
Tgt Ion: 43 Resp: 15905
Ion Ratio Lower Upper
43 100
61 17.5 15.4 23.0





#45
1,4-Dioxane
Concen: 102.303 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

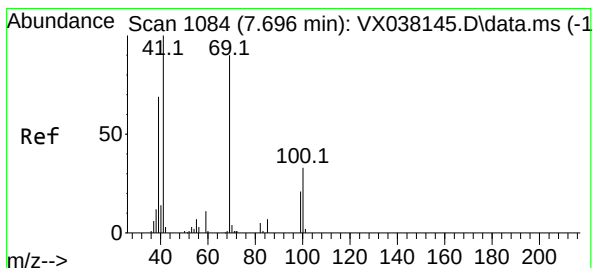
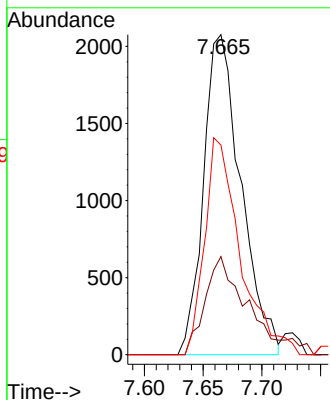
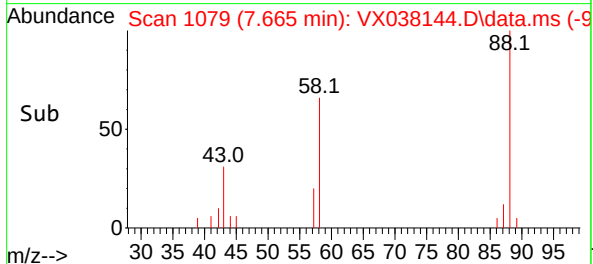
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 4600
Ion Ratio Lower Upper
88 100
43 32.9 297.5 446.3
58 63.2 1.0 1.4

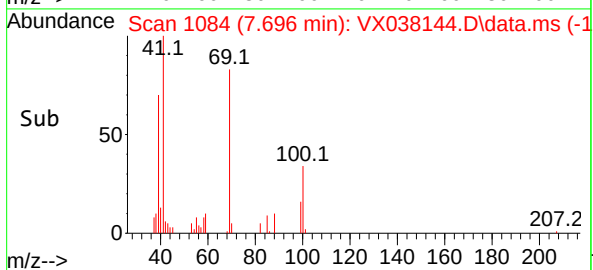
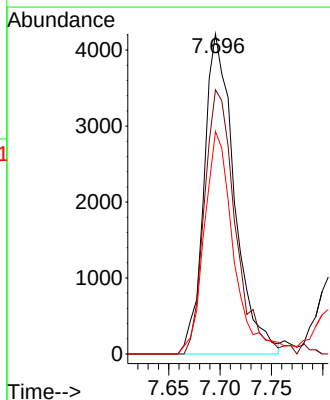
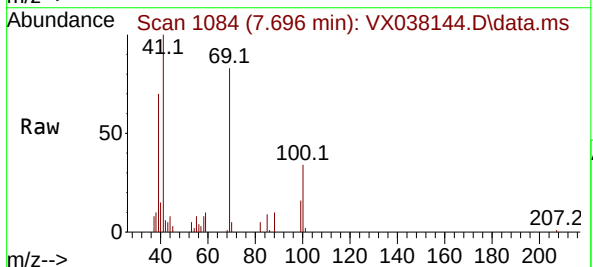
Manual Integrations
APPROVED

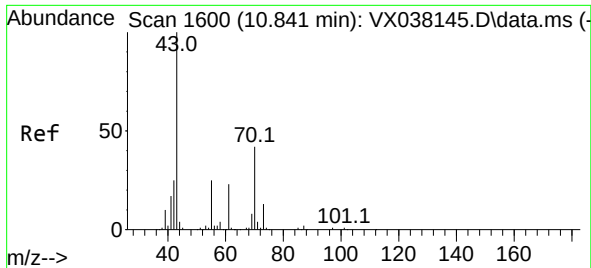
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#46
Methyl methacrylate
Concen: 4.970 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

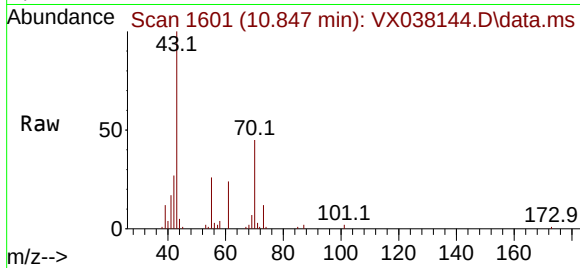
Tgt Ion: 41 Resp: 8671
Ion Ratio Lower Upper
41 100
69 82.5 44.4 133.1
39 69.5 34.9 104.7





#47
n-amyl acetate
Concen: 3.650 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

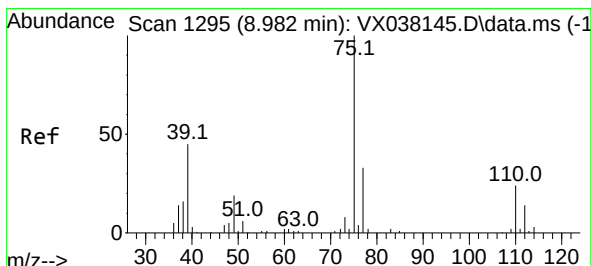
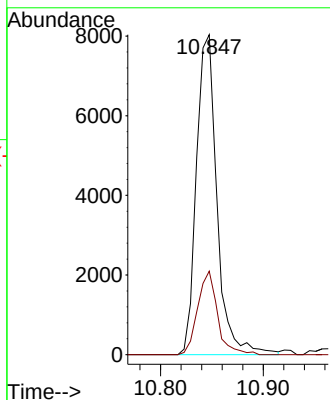
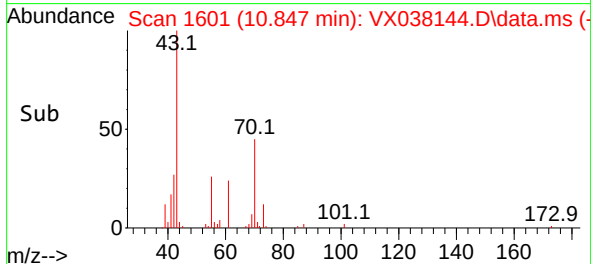
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
55 25.2 18.6 28.0

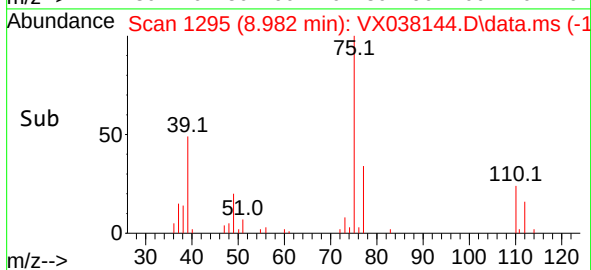
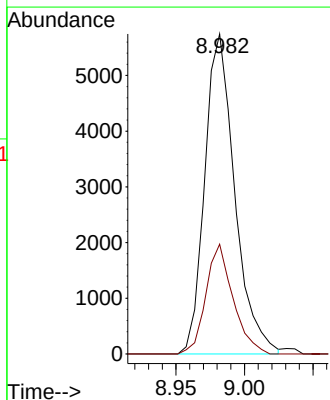
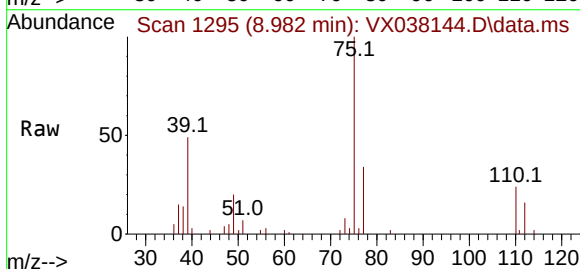
Manual Integrations
APPROVED

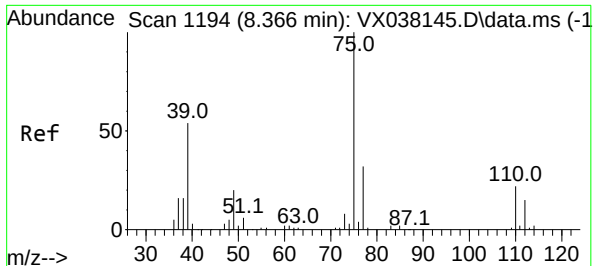
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#48
t-1,3-Dichloropropene
Concen: 4.098 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 75 Resp: 8747
Ion Ratio Lower Upper
75 100
77 34.3 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 4.582 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 10370

Ion Ratio Lower Upper

75 100

77 29.3 25.4 38.2

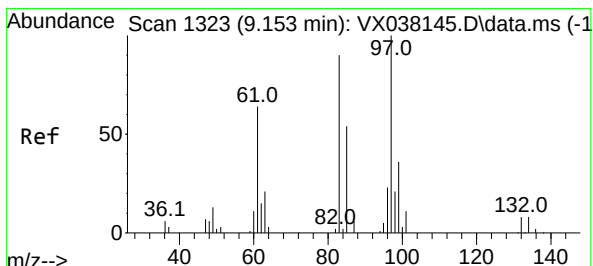
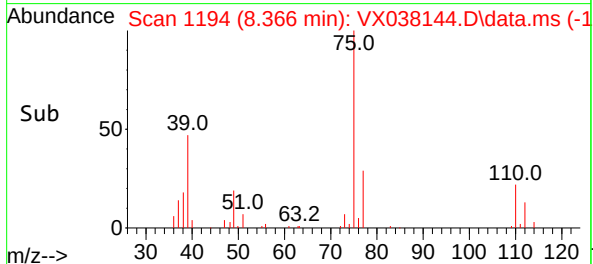
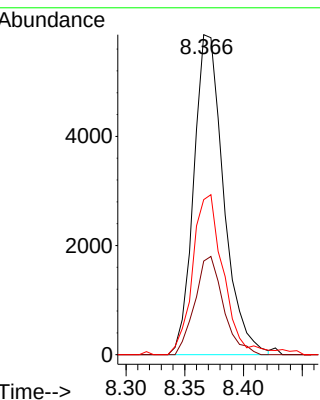
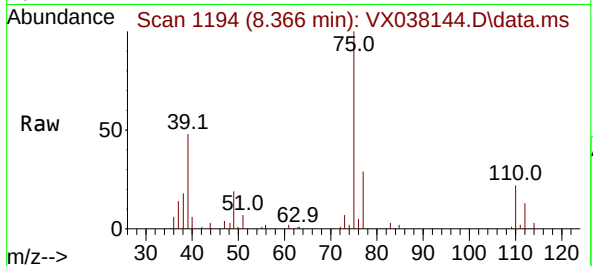
39 48.5 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#50

1,1,2-Trichloroethane

Concen: 5.056 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion: 97 Resp: 8268

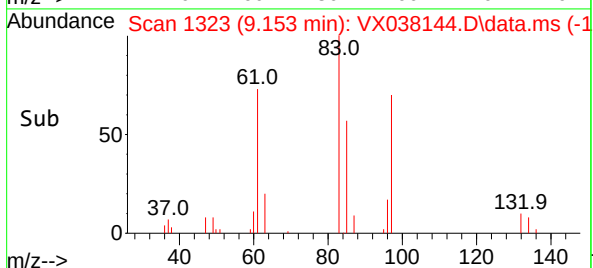
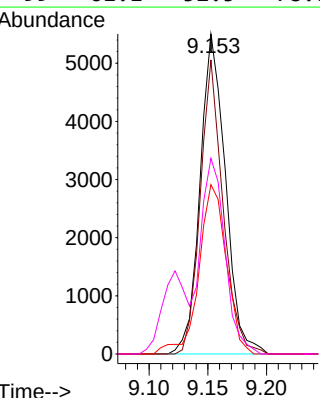
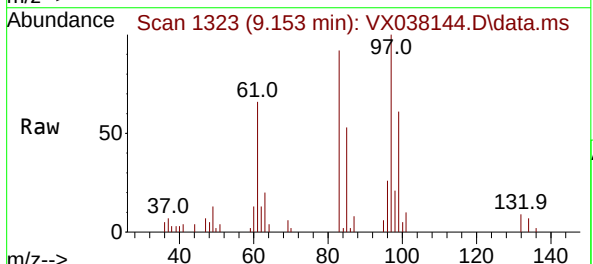
Ion Ratio Lower Upper

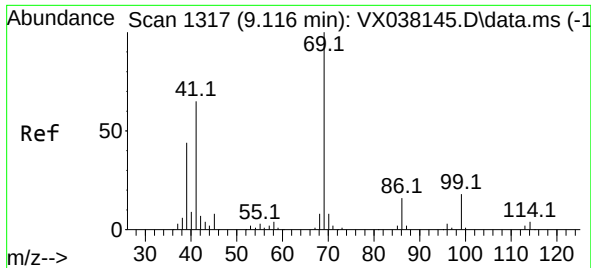
97 100

83 91.9 70.0 105.0

85 52.9 46.1 69.1

99 61.1 52.5 78.7





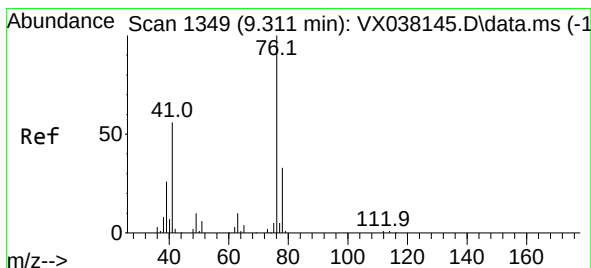
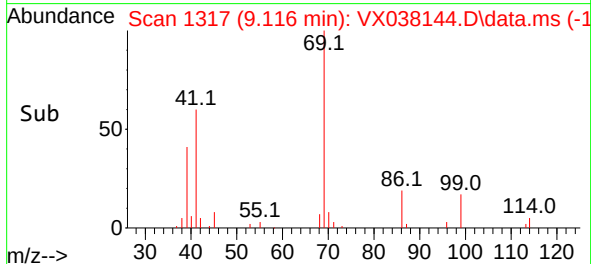
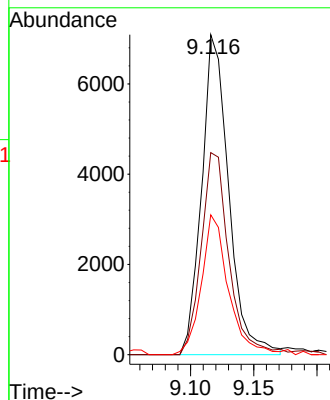
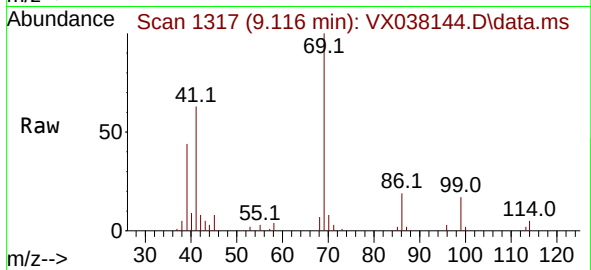
#51
Ethyl methacrylate
Concen: 4.321 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 1058
Ion Ratio Lower Upper
69 100
41 63.2 32.0 96.0
39 42.8 19.4 58.4

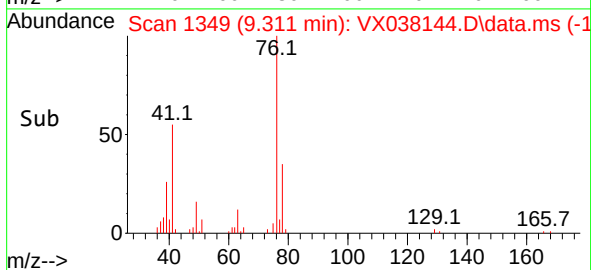
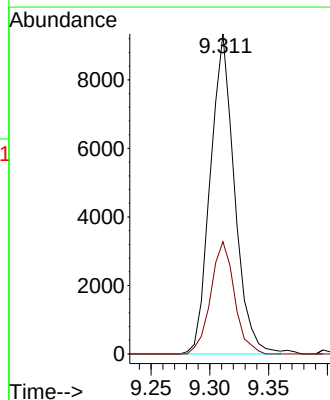
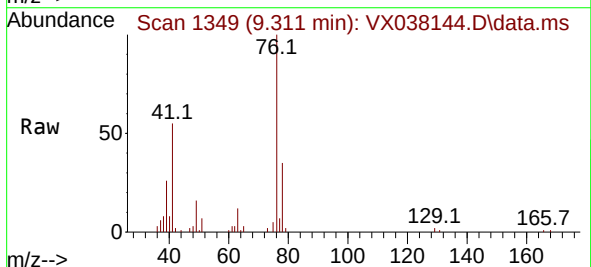
Manual Integrations
APPROVED

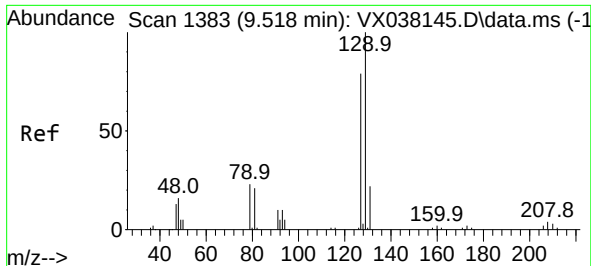
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#52
1,3-Dichloropropane
Concen: 5.036 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

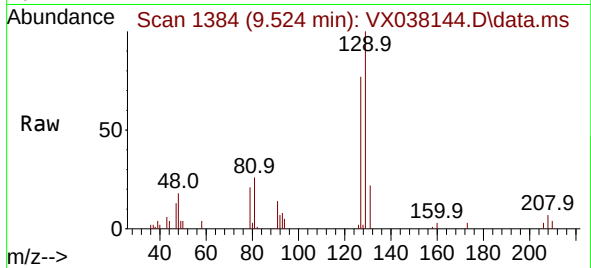
Tgt Ion: 76 Resp: 13394
Ion Ratio Lower Upper
76 100
78 34.4 0.0 63.6





#53
Dibromochloromethane
Concen: 3.983 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

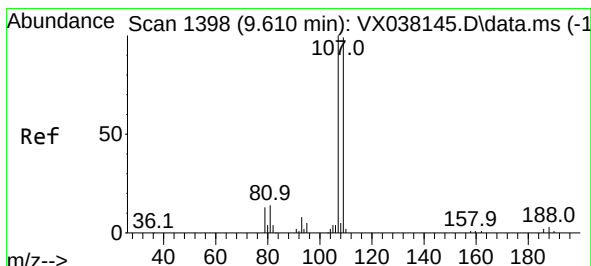
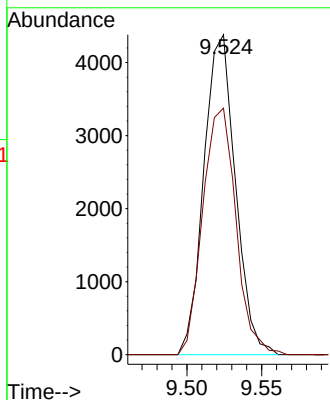
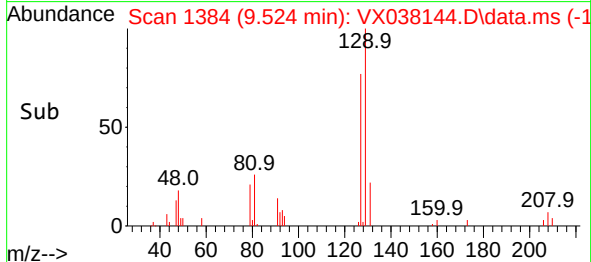
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 6452
Ion Ratio Lower Upper
129 100
127 80.8 38.6 115.8

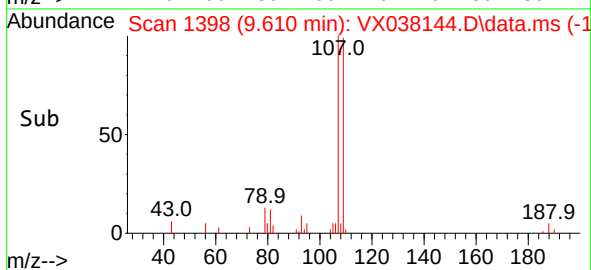
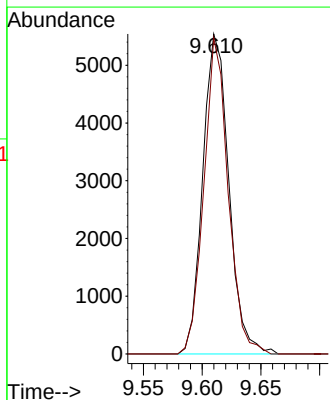
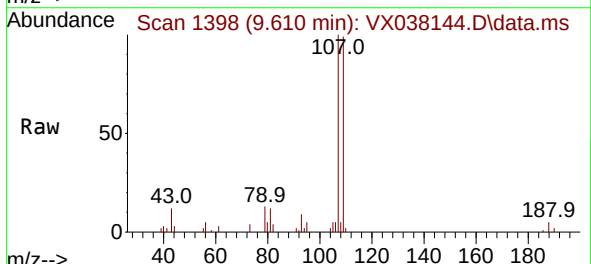
Manual Integrations
APPROVED

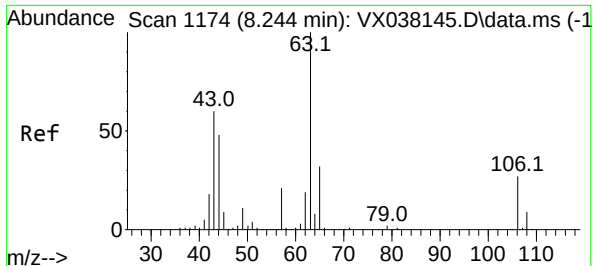
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#54
1,2-Dibromoethane
Concen: 4.784 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion:107 Resp: 8549
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1





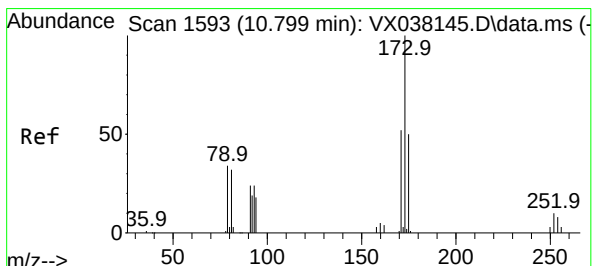
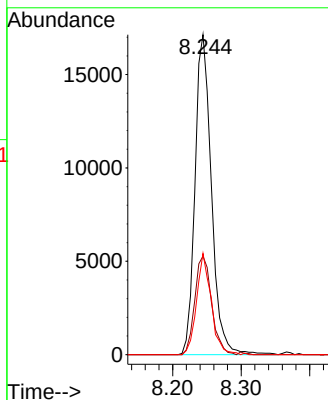
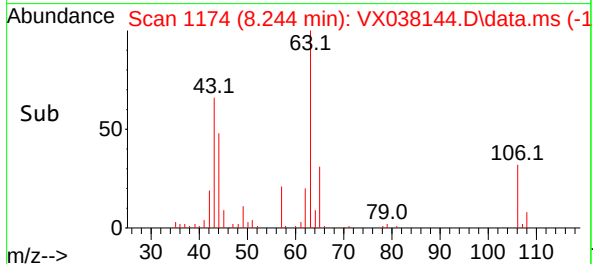
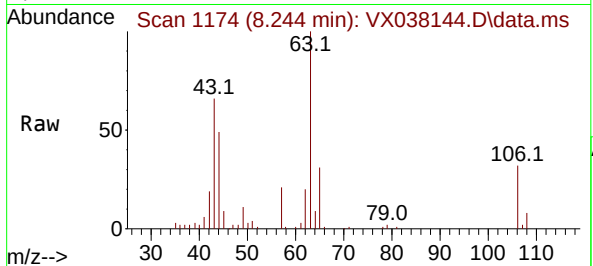
#55
2-Chloroethyl vinyl ether
Concen: 23.123 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 28584
Ion Ratio Lower Upper
63 100
65 31.5 25.9 38.9
106 28.2 21.8 32.8

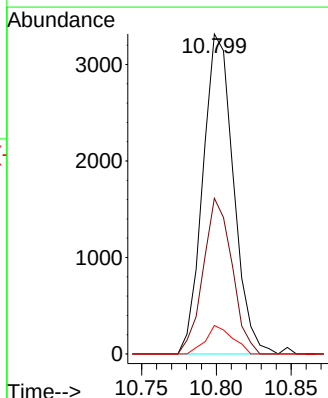
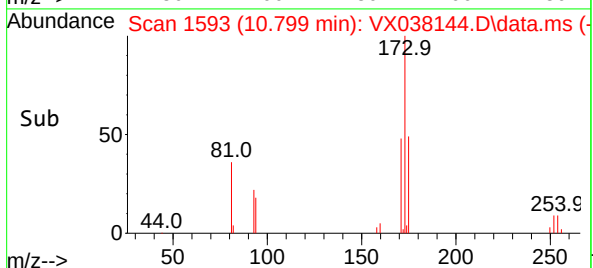
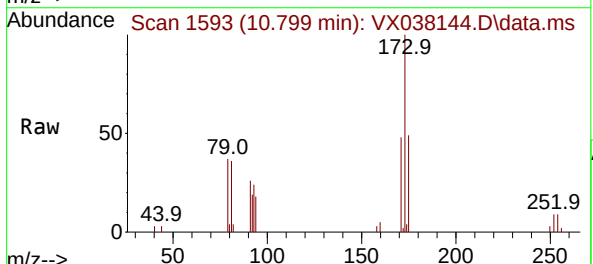
Manual Integrations
APPROVED

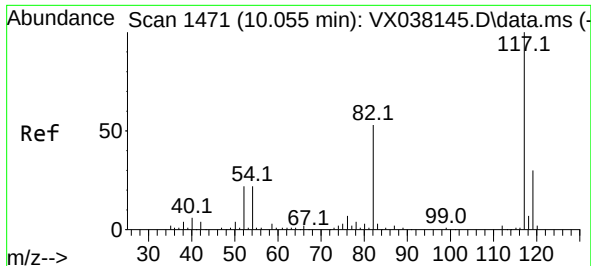
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#56
Bromoform
Concen: 3.891 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion:173 Resp: 4711
Ion Ratio Lower Upper
173 100
175 45.8 38.1 57.1
254 7.8 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:117 Resp: 98490

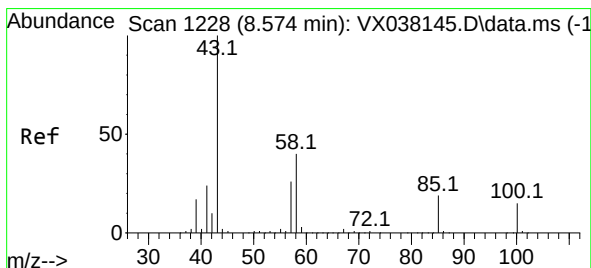
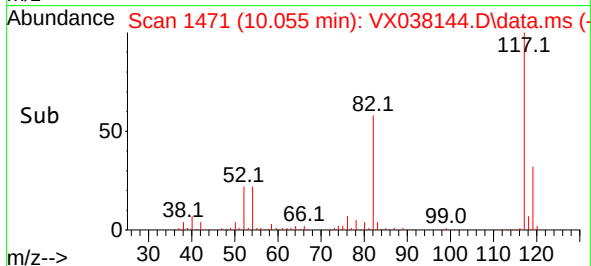
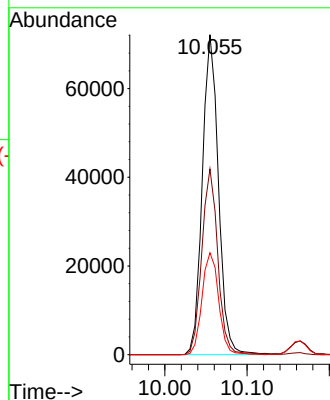
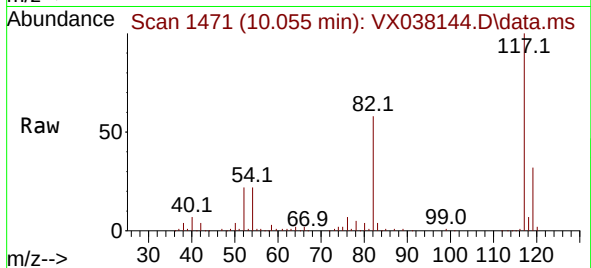
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.7	67.1
119	32.7	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#58

4-Methyl-2-Pentanone

Concen: 25.955 ug/l

RT: 8.573 min Scan# 1228

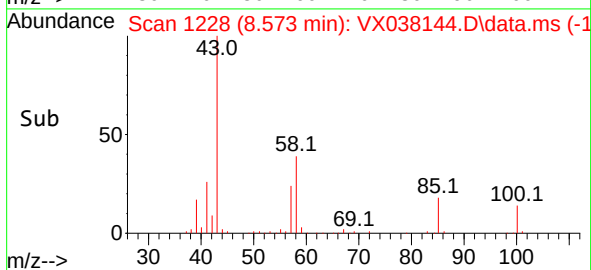
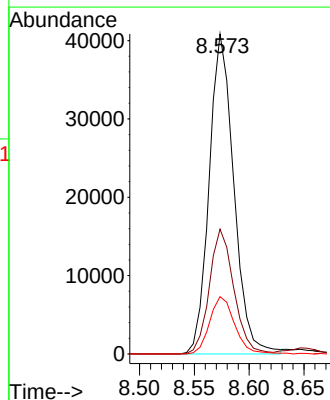
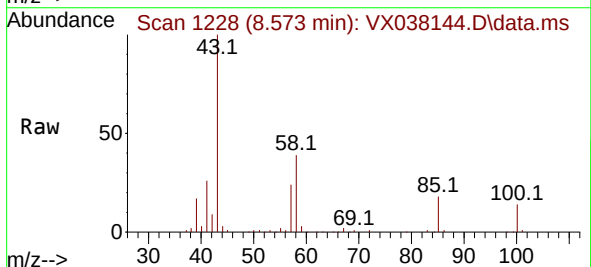
Delta R.T. -0.000 min

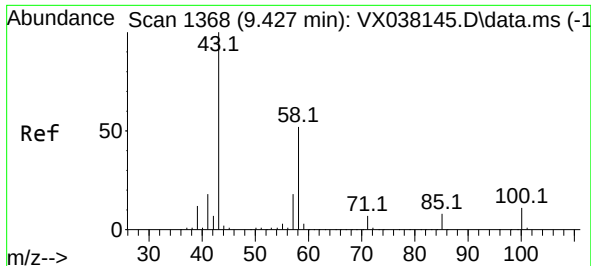
Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion: 43 Resp: 63984

Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.9	46.3
85	18.2	14.4	21.6





#59

2-Hexanone

Concen: 25.018 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 49584

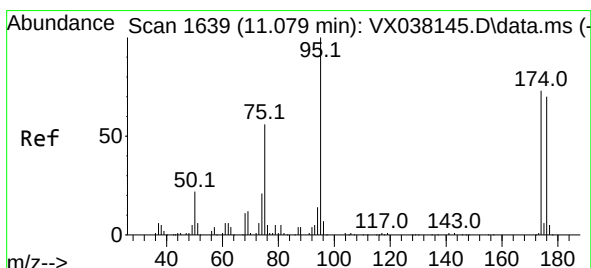
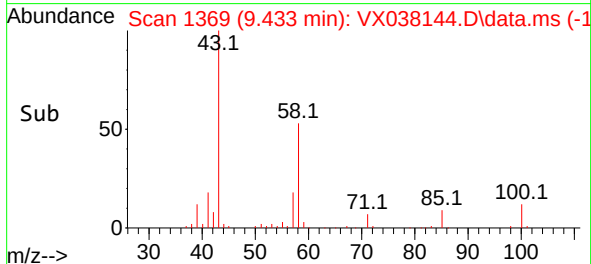
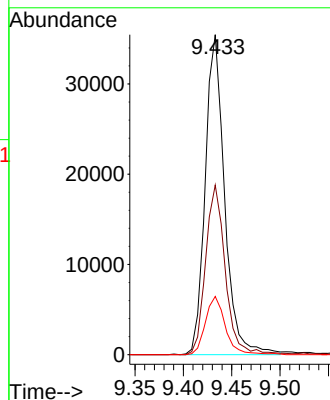
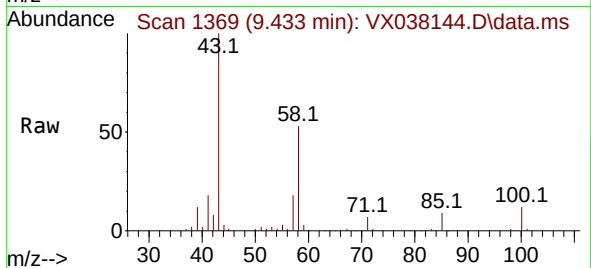
Ion	Ratio	Lower	Upper
43	100		
58	53.3	43.4	65.2
57	18.6	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#60

4-Bromofluorobenzene

Concen: 28.932 ug/l

RT: 11.079 min Scan# 1639

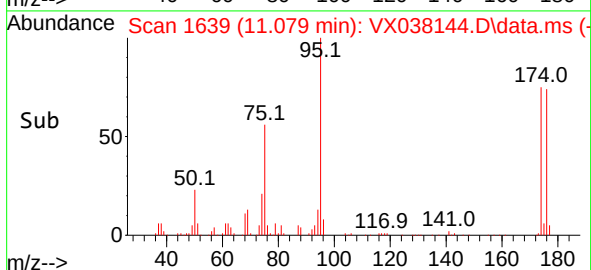
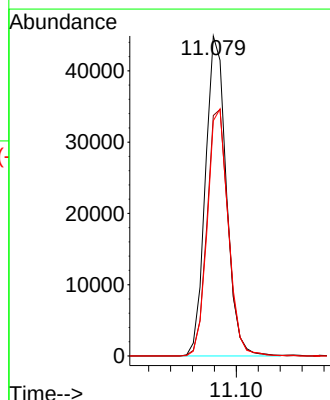
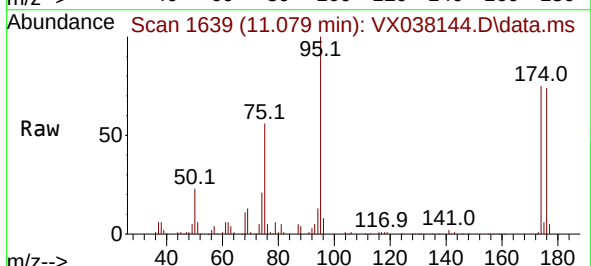
Delta R.T. -0.000 min

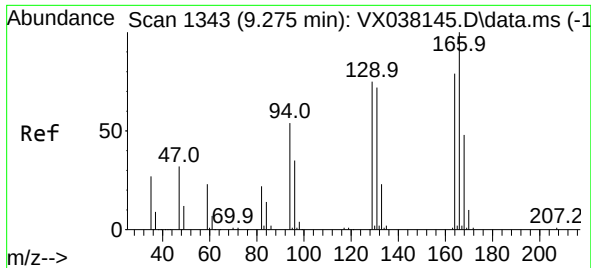
Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion: 95 Resp: 59360

Ion	Ratio	Lower	Upper
95	100		
174	78.2	60.5	90.7
176	77.4	58.2	87.4





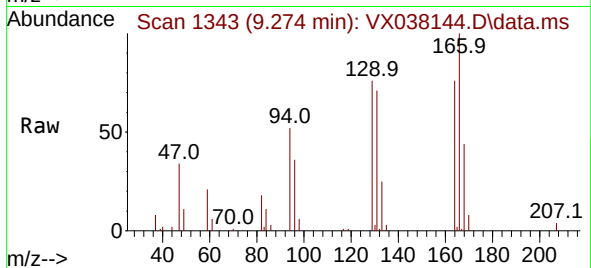
#61
Tetrachloroethene
Concen: 5.311 ug/l
RT: 9.274 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



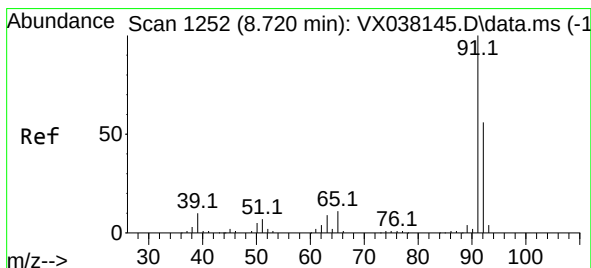
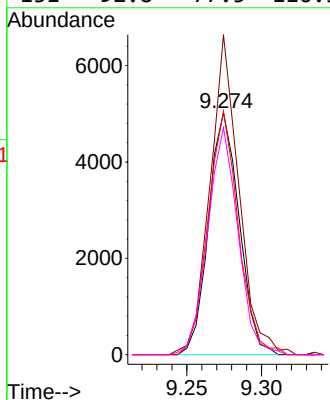
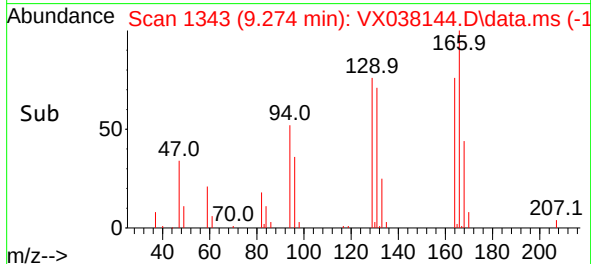
Tgt Ion:164 Resp: 714
Ion Ratio Lower Upper
164 100
166 130.5 104.5 156.7
129 100.7 78.0 117.0
131 92.8 77.5 116.3

Manual Integrations

APPROVED

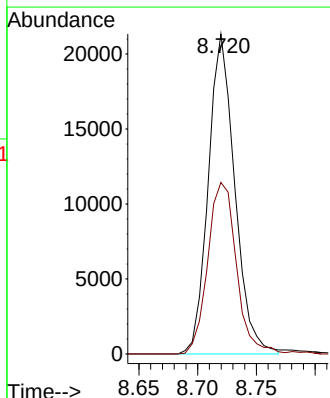
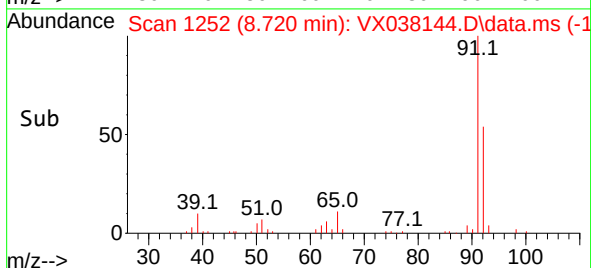
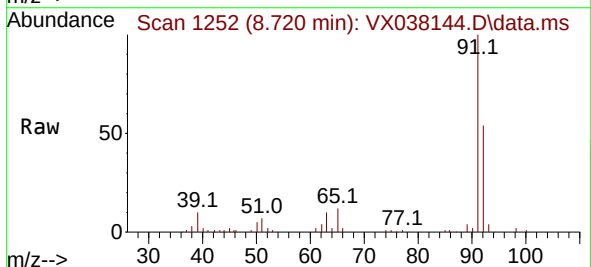
Reviewed By :John Carlone 10/09/2023

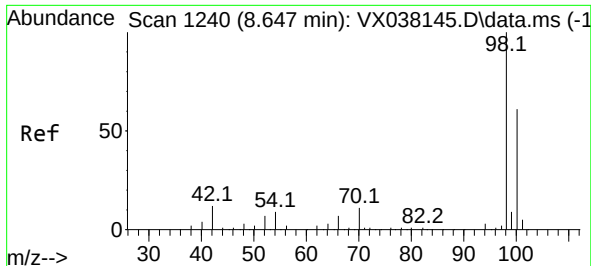
Supervised By :Mahesh Dadoda 10/09/2023



#62
Toluene
Concen: 5.094 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

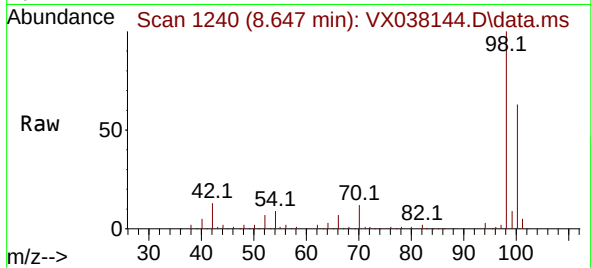
Tgt Ion: 91 Resp: 33424
Ion Ratio Lower Upper
91 100
92 58.0 44.9 67.3





#63
Toluene-d8
Concen: 30.828 ug/l
RT: 8.647 min Scan# 117574
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

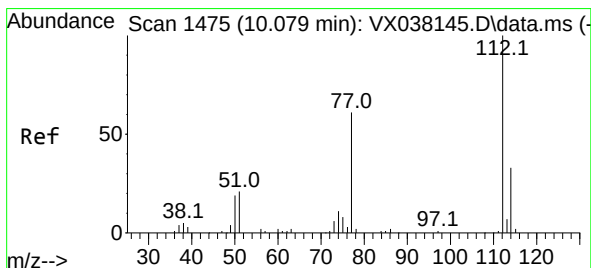
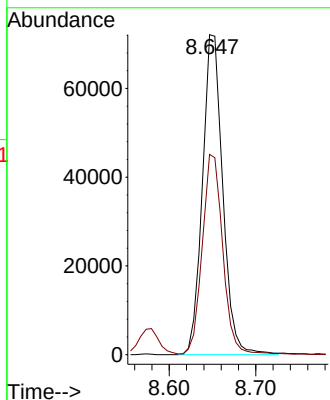
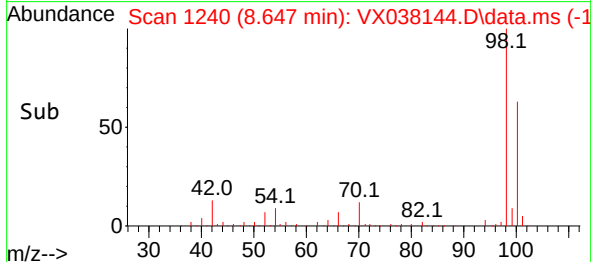
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 98 Resp: 117574
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

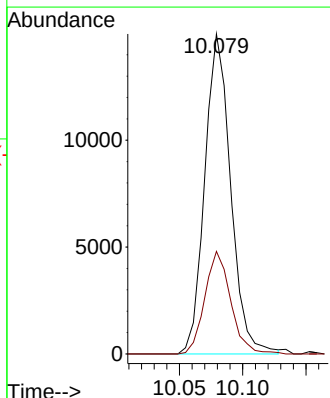
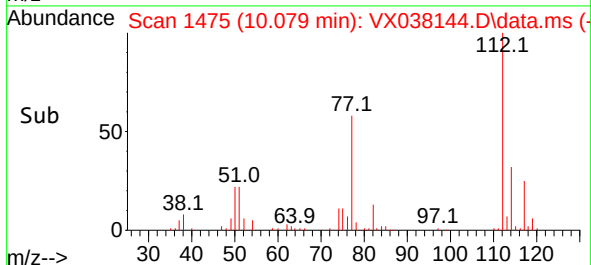
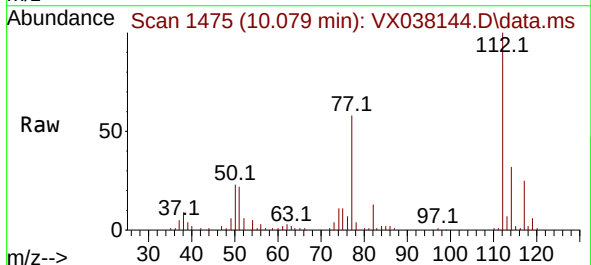
Manual Integrations
APPROVED

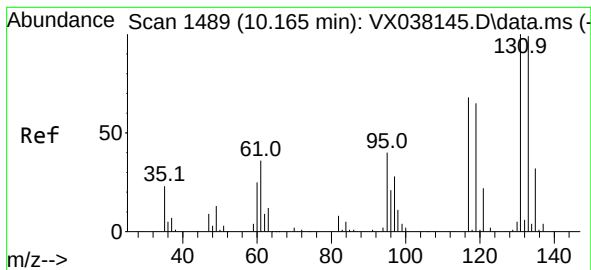
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#64
Chlorobenzene
Concen: 5.195 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

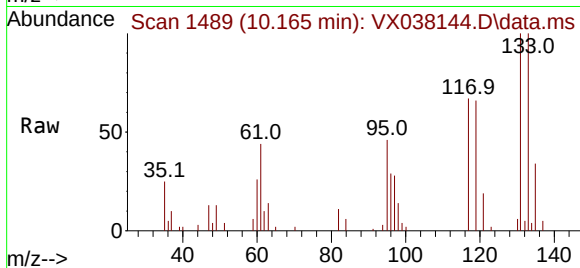
Tgt Ion:112 Resp: 21349
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 4.506 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

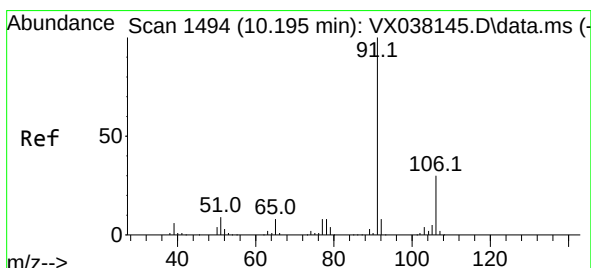
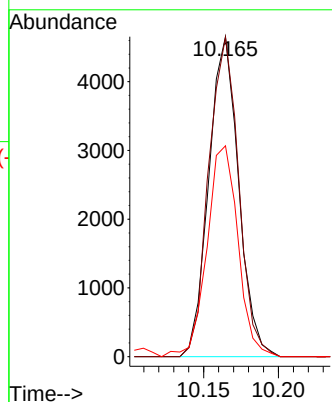
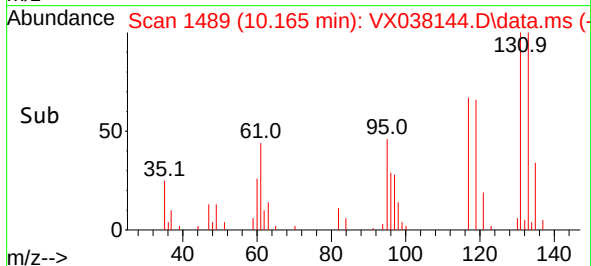
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:131 Resp: 6458
Ion Ratio Lower Upper
131 100
133 99.9 0.0 192.0
119 67.6 0.0 132.8

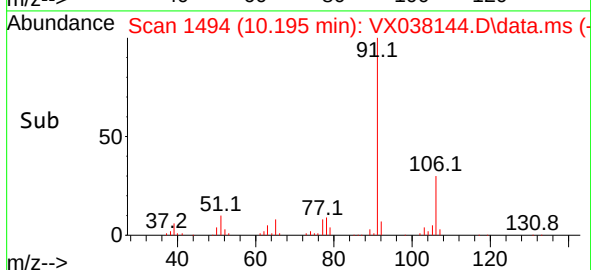
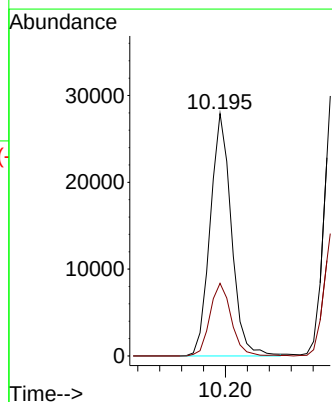
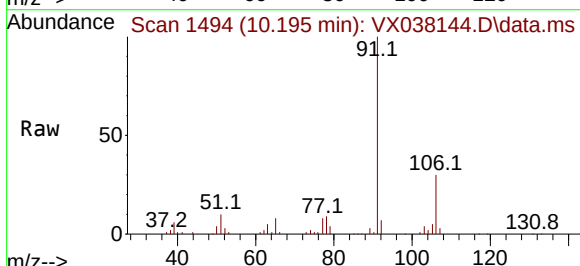
Manual Integrations
APPROVED

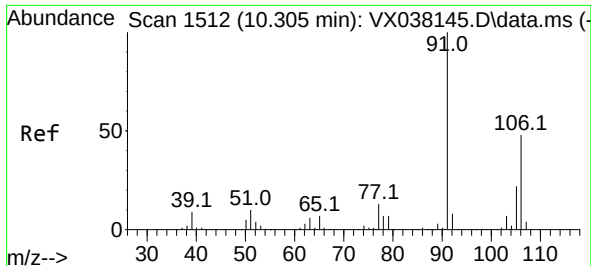
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#66
Ethyl Benzene
Concen: 5.036 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 91 Resp: 37475
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4





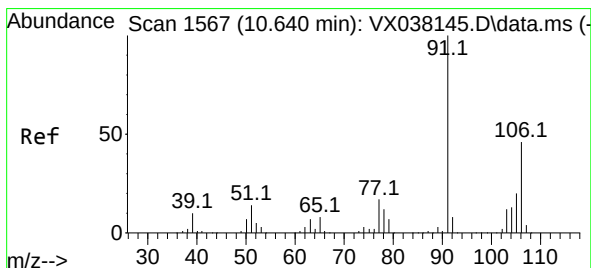
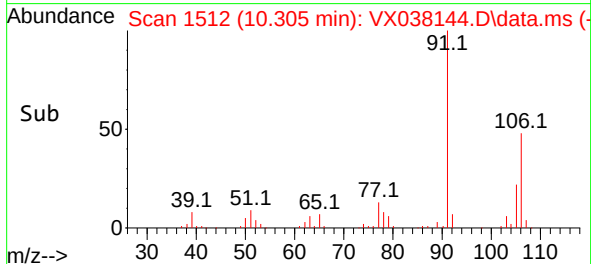
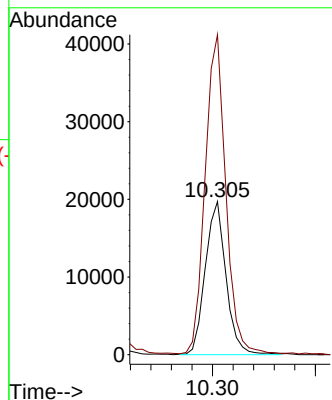
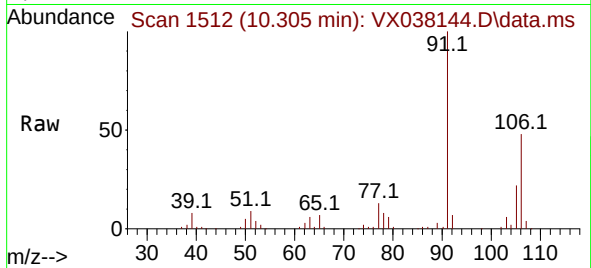
#67
m/p-Xylenes
Concen: 9.606 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 27730
Ion Ratio Lower Upper
106 100
91 209.3 160.5 240.7

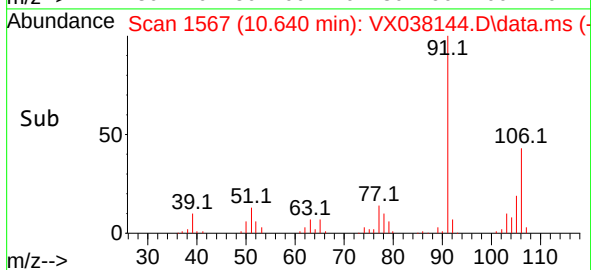
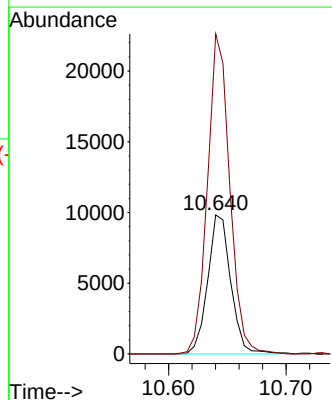
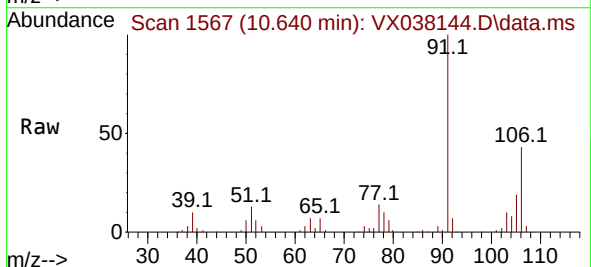
Manual Integrations
APPROVED

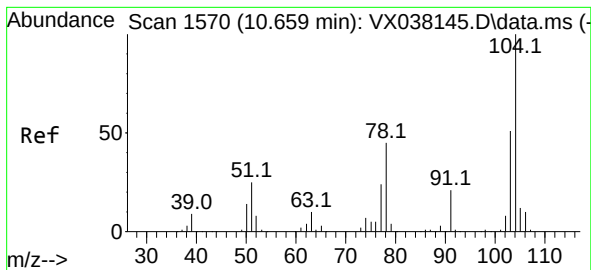
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#68
o-Xylene
Concen: 4.776 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion:106 Resp: 13378
Ion Ratio Lower Upper
106 100
91 223.0 105.4 316.1





#69

Styrene

Concen: 4.471 ug/l

RT: 10.658 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

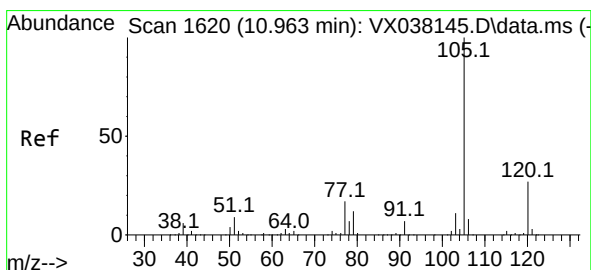
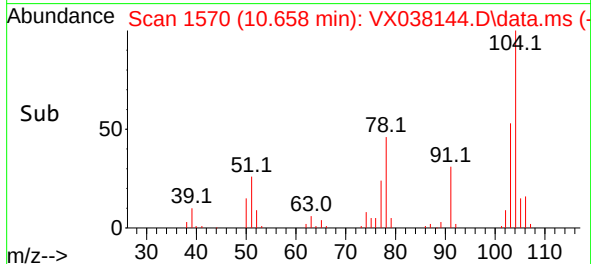
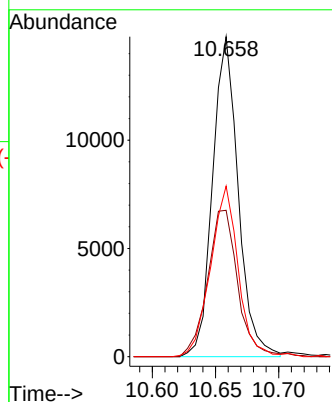
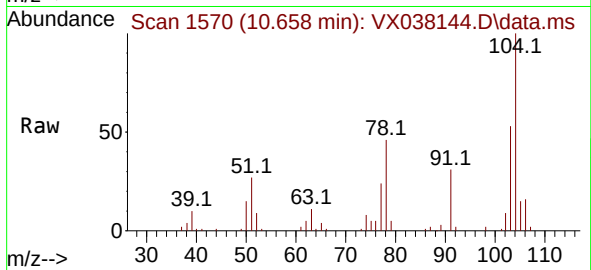
Tgt Ion:104	Resp:	2080
Ion Ratio	Lower	Upper
104	100	
78	54.1	41.0 61.4
103	57.3	45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#70

Isopropylbenzene

Concen: 4.788 ug/l

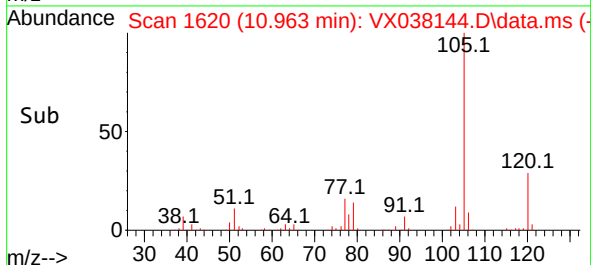
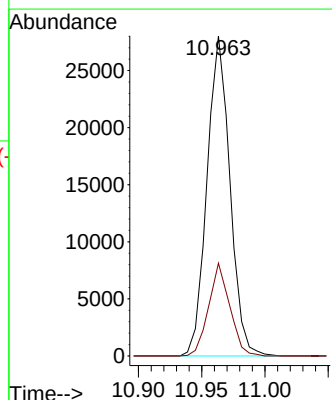
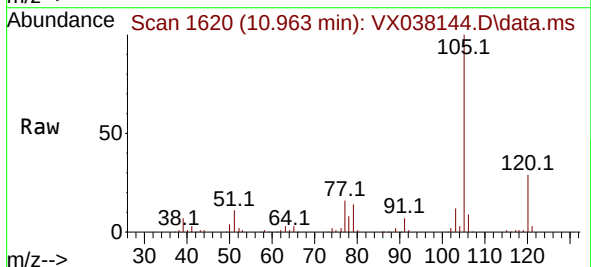
RT: 10.963 min Scan# 1620

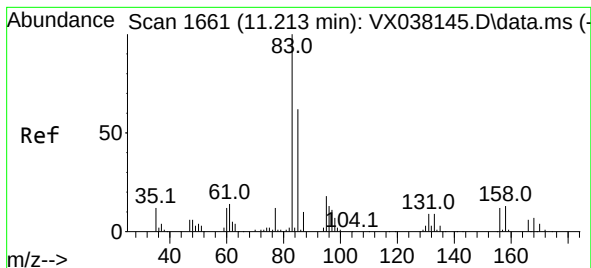
Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion:105	Resp:	35370
Ion Ratio	Lower	Upper
105	100	
120	26.7	19.5 36.3





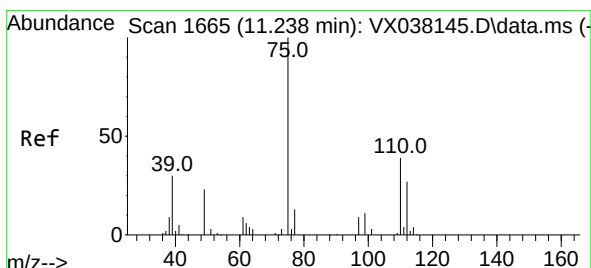
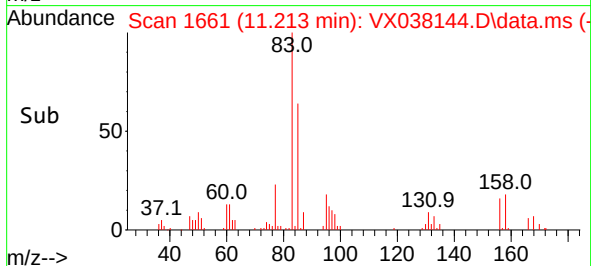
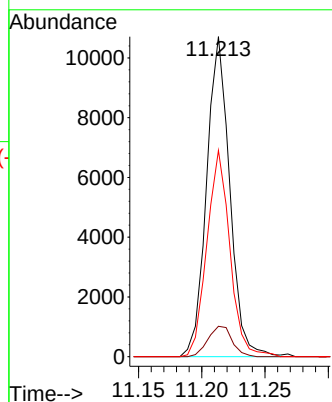
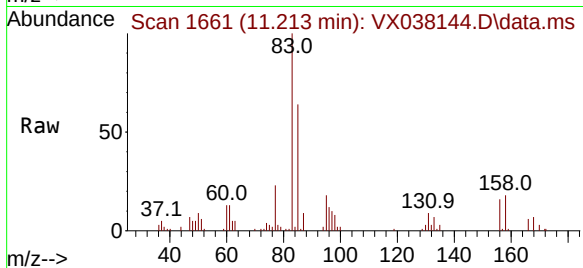
#71
1,1,2,2-Tetrachloroethane
Concen: 5.011 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 1364
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.1 32.4 97.0

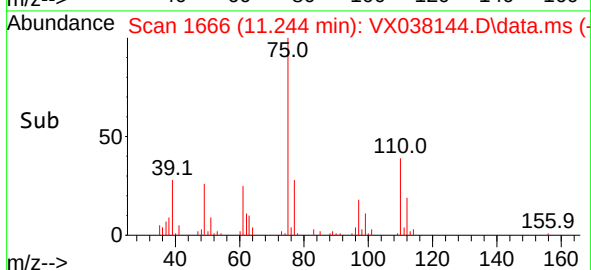
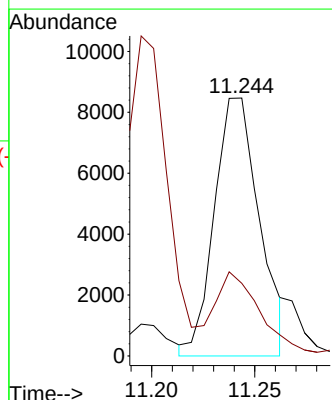
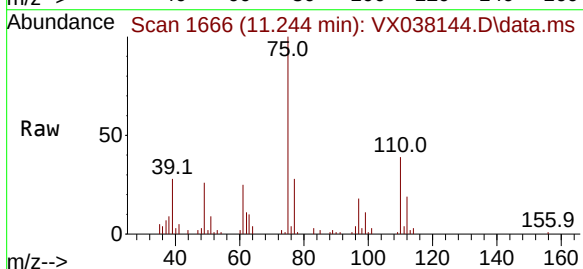
Manual Integrations
APPROVED

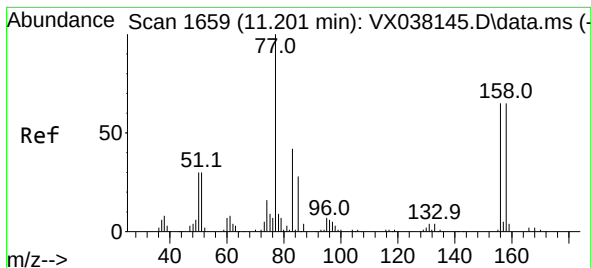
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#72
1,2,3-Trichloropropane
Concen: 5.196 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Tgt Ion: 75 Resp: 12867
Ion Ratio Lower Upper
75 100
77 34.7 0.0 77.2





#73

Bromobenzene

Concen: 5.153 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

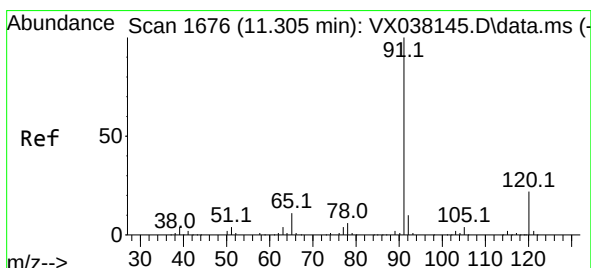
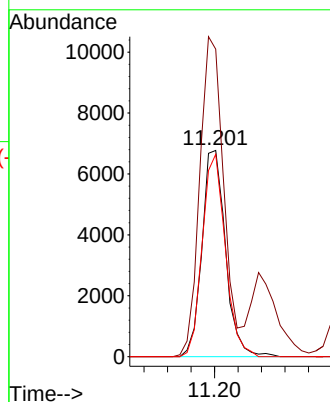
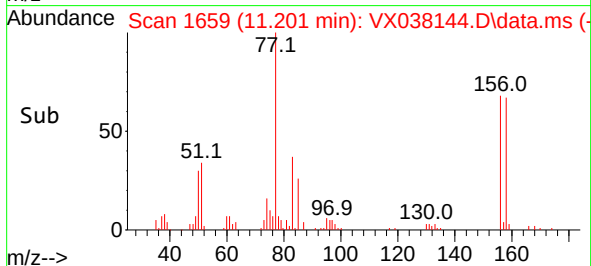
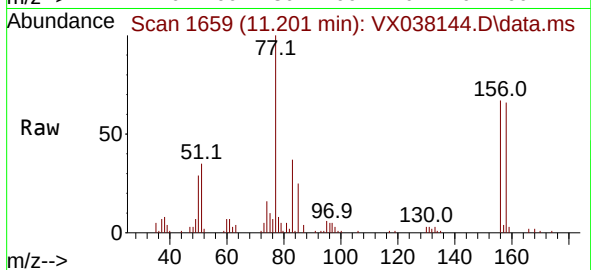
Tgt Ion:	156	Resp:	9420
Ion Ratio	Lower	Upper	
156	100		
77	155.8	0.0	333.0
158	96.2	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#74

n-propylbenzene

Concen: 4.910 ug/l

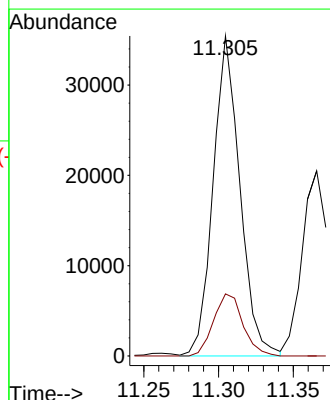
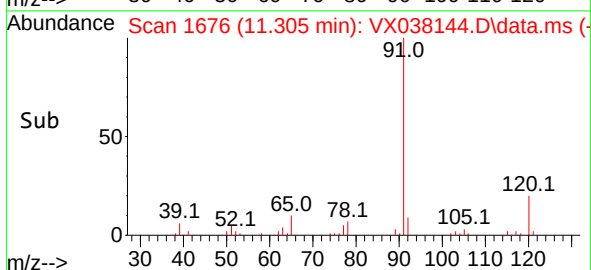
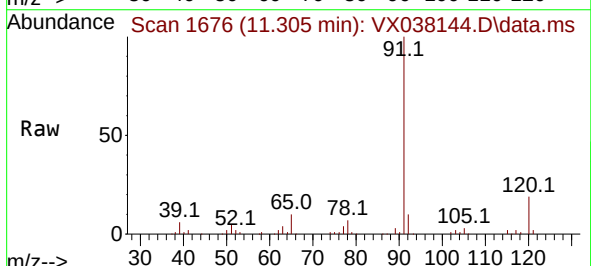
RT: 11.305 min Scan# 1676

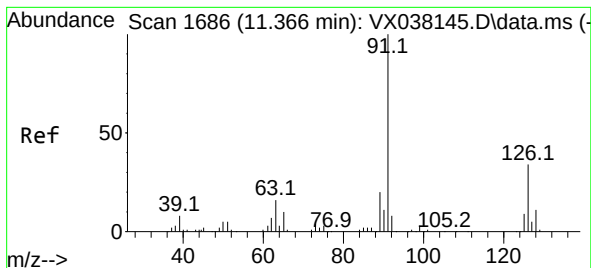
Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion:	91	Resp:	44071
Ion Ratio	Lower	Upper	
91	100		
120	21.3	0.0	46.6





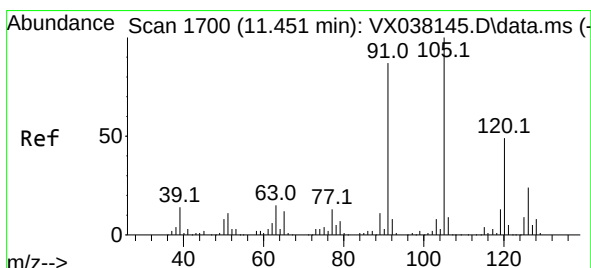
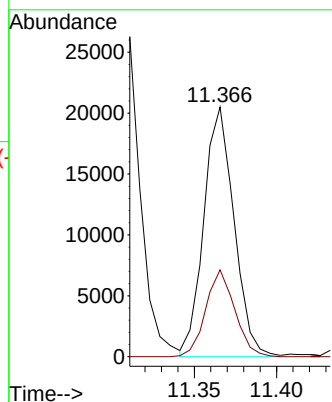
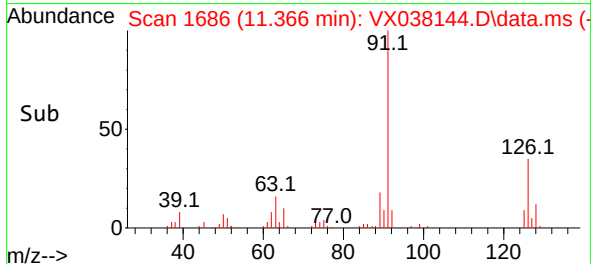
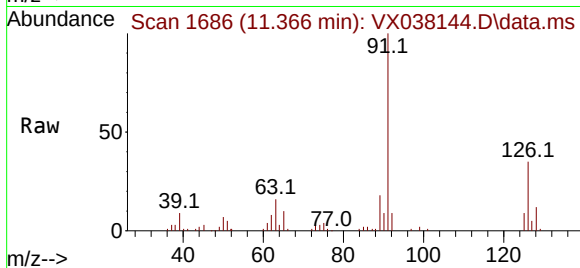
#75
2-Chlorotoluene
Concen: 4.970 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 2621
Ion Ratio Lower Upper
91 100
126 33.3 0.0 66.2

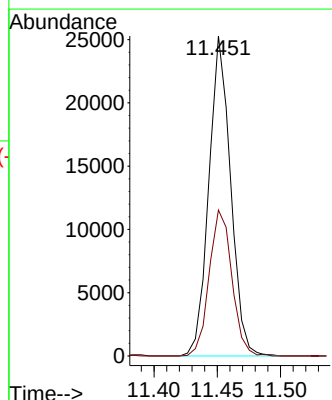
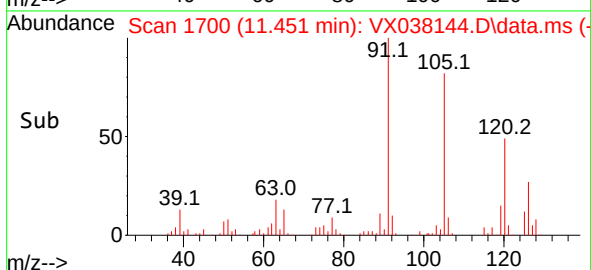
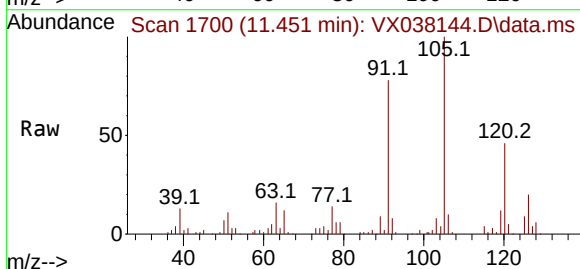
Manual Integrations
APPROVED

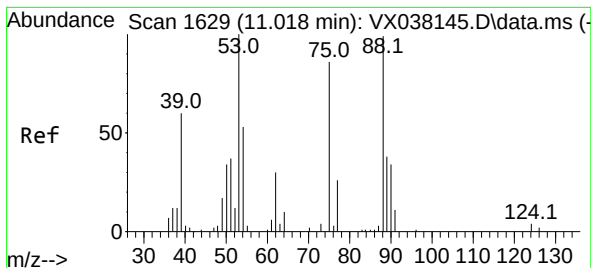
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.679 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

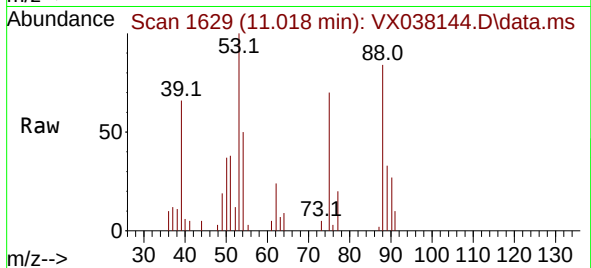
Tgt Ion:105 Resp: 30200
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

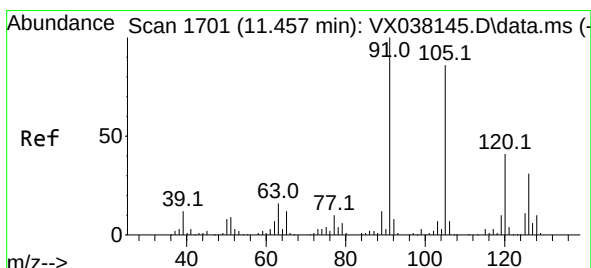
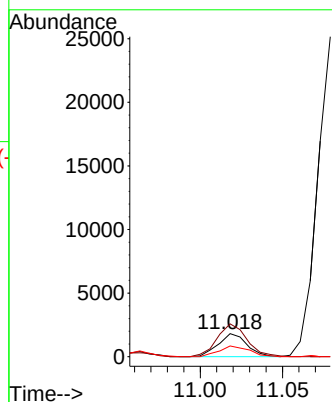
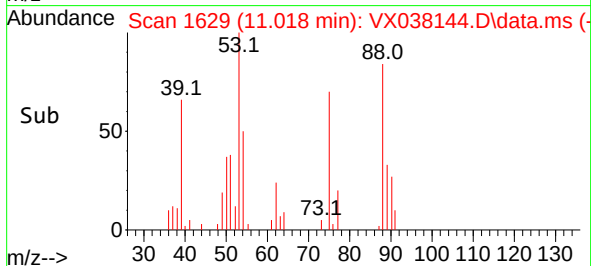
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



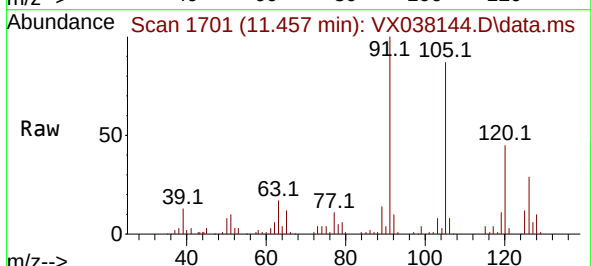
Tgt Ion: 75 Resp: 2198
Ion Ratio Lower Upper
75 100
53 142.2 53.9 161.7
89 46.5 22.1 66.1

Manual Integrations
APPROVED

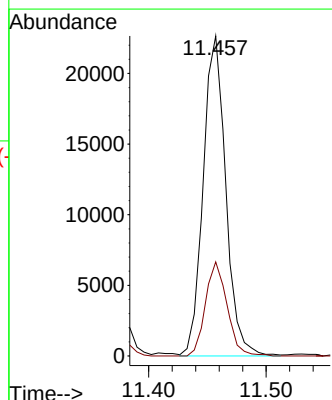
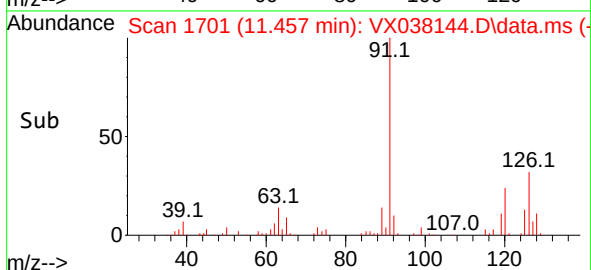
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

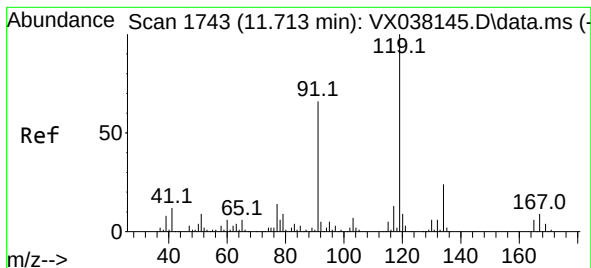


#78
4-Chlorotoluene
Concen: 4.829 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20



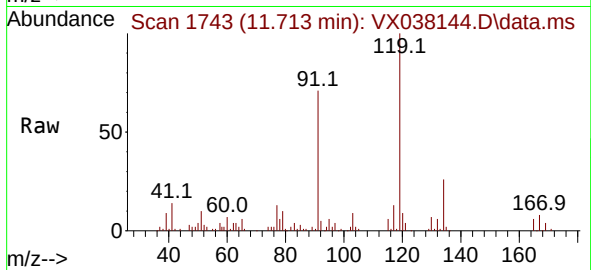
Tgt Ion: 91 Resp: 30292
Ion Ratio Lower Upper
91 100
126 28.1 0.0 59.4





#79
tert-butylbenzene
Concen: 4.702 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

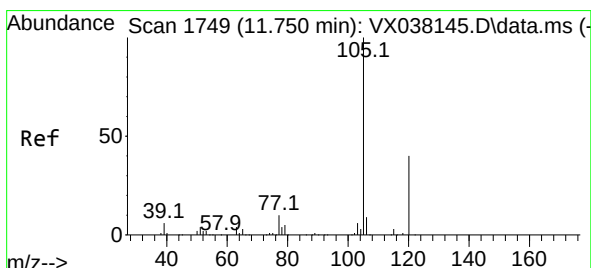
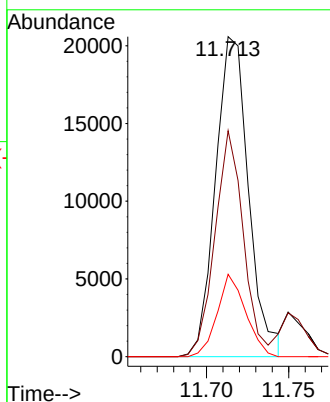
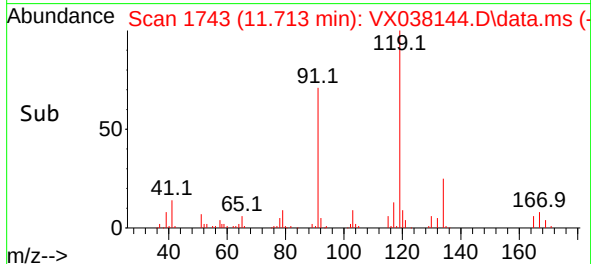
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



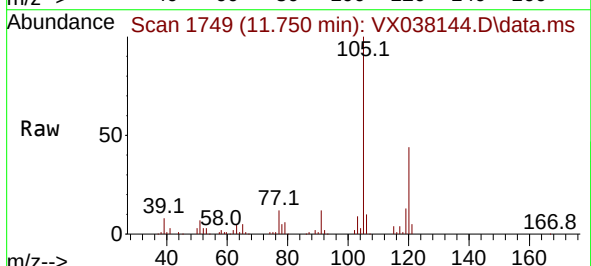
Tgt Ion:119 Resp: 28835
Ion Ratio Lower Upper
119 100
91 60.6 0.0 124.4
134 22.2 0.0 47.2

Manual Integrations
APPROVED

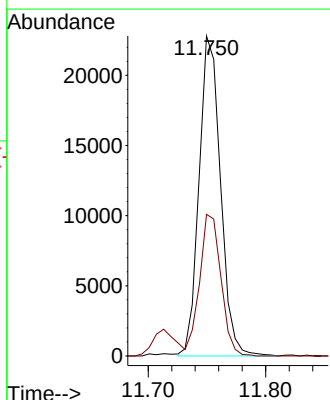
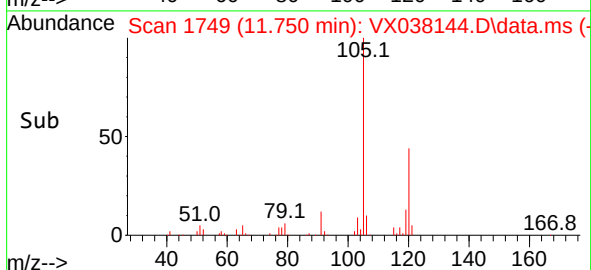
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

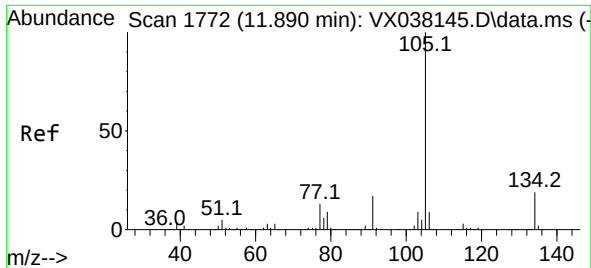


#80
1,2,4-Trimethylbenzene
Concen: 4.597 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20



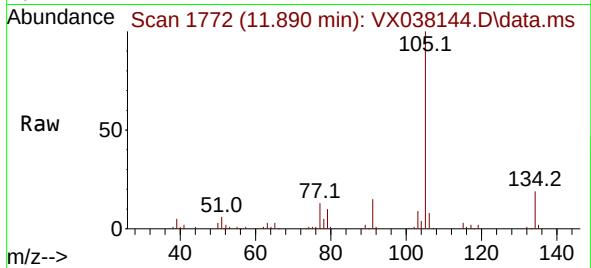
Tgt Ion:105 Resp: 28976
Ion Ratio Lower Upper
105 100
120 44.0 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 4.707 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038144.D
 Acq: 06 Oct 2023 22:20

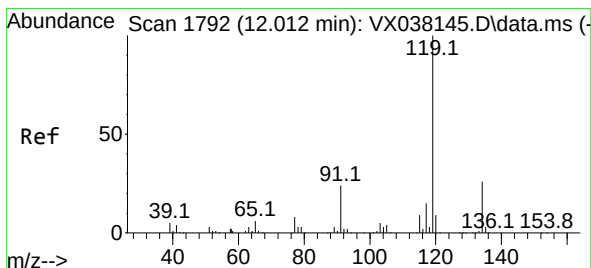
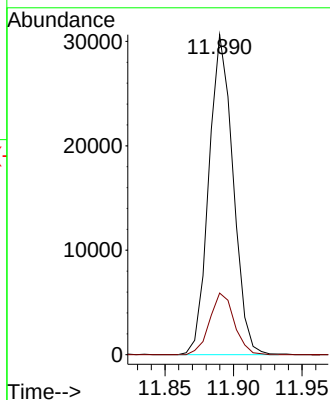
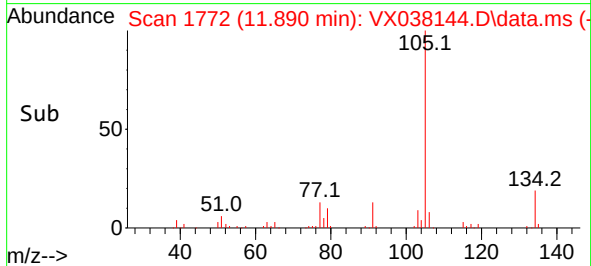
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



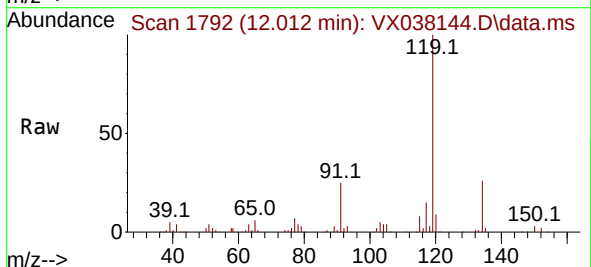
Tgt Ion:105 Resp: 3775
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.2

Manual Integrations
 APPROVED

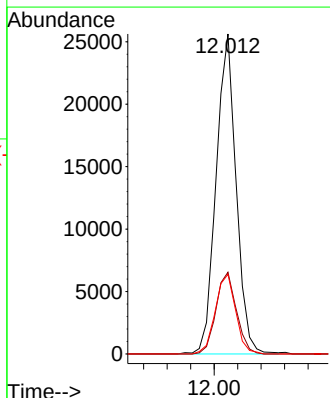
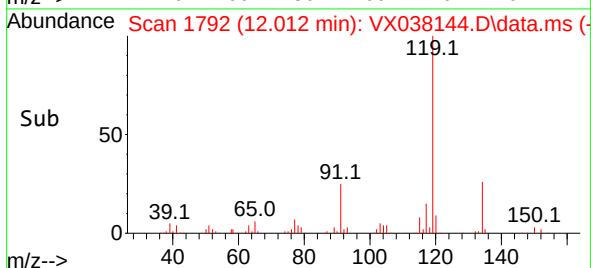
Reviewed By :John Carlone 10/09/2023
 Supervised By :Mahesh Dadoda 10/09/2023

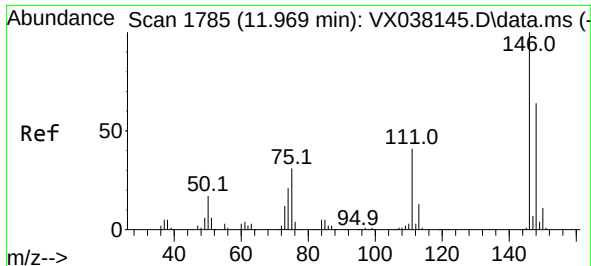


#82
 p-Isopropyltoluene
 Concen: 4.584 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX038144.D
 Acq: 06 Oct 2023 22:20



Tgt Ion:119 Resp: 30397
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.2
 91 25.2 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 5.003 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 17849

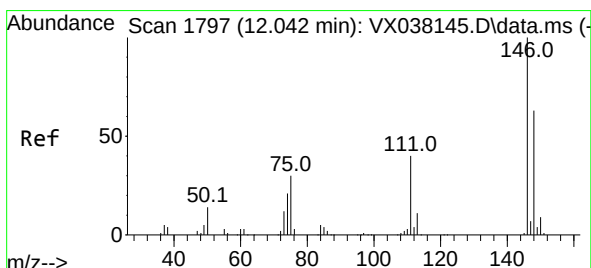
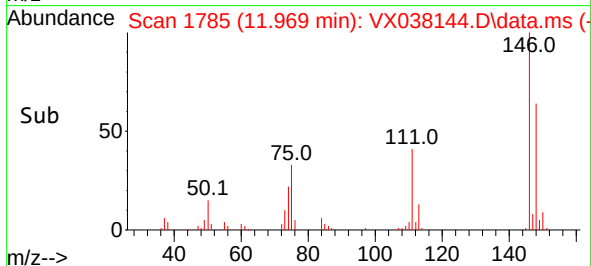
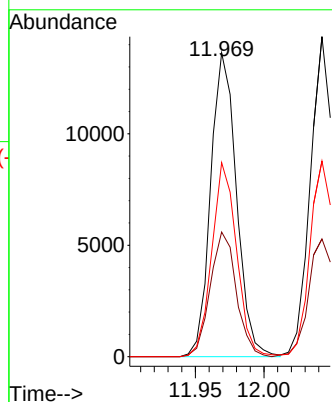
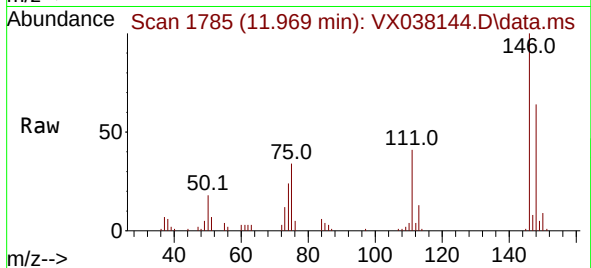
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.4	61.2
148	61.5	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2023

Supervised By :Mahesh Dadoda 10/09/2023



#84

1,4-Dichlorobenzene

Concen: 4.945 ug/l

RT: 12.042 min Scan# 1797

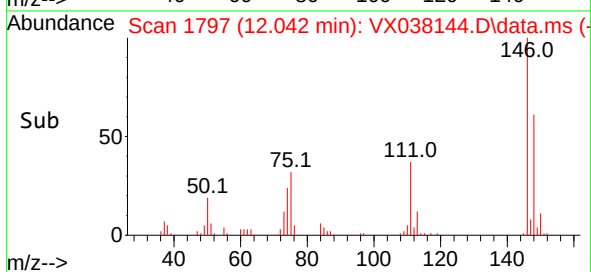
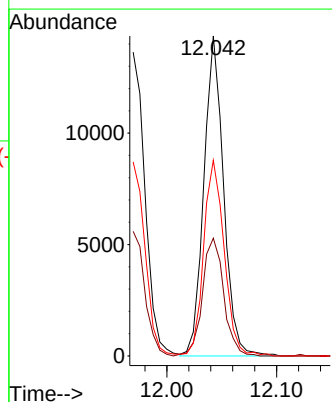
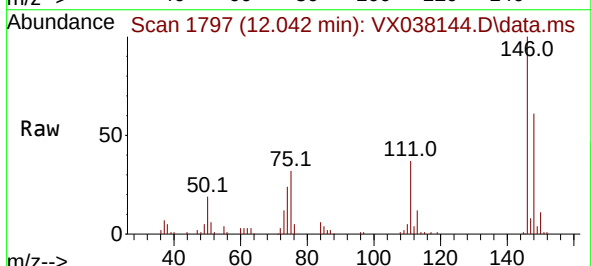
Delta R.T. -0.000 min

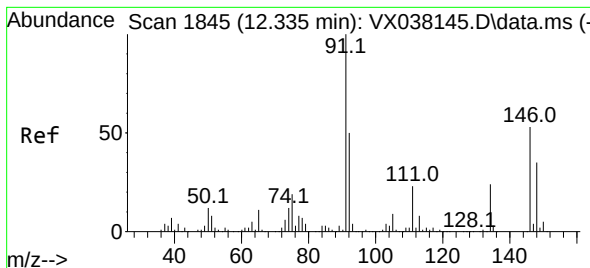
Lab File: VX038144.D

Acq: 06 Oct 2023 22:20

Tgt Ion:146 Resp: 17962

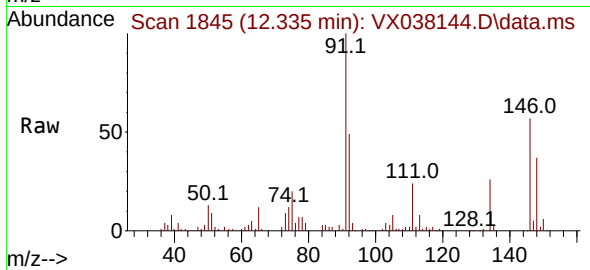
Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.2	60.6
148	63.6	32.1	96.3





#85
n-Butylbenzene
Concen: 4.578 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

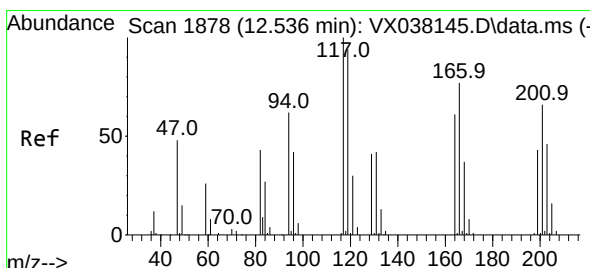
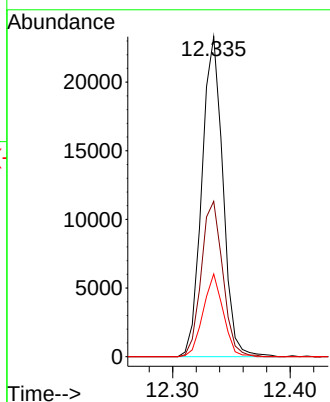
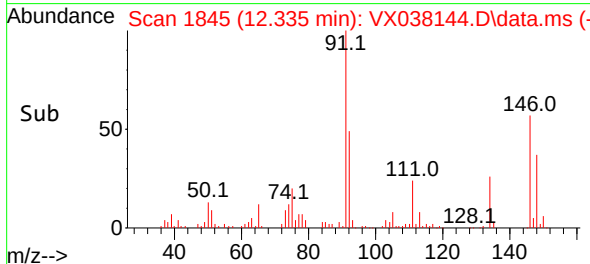
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 91 Resp: 2896
Ion Ratio Lower Upper
91 100
92 49.7 0.0 105.2
134 24.7 0.0 51.4

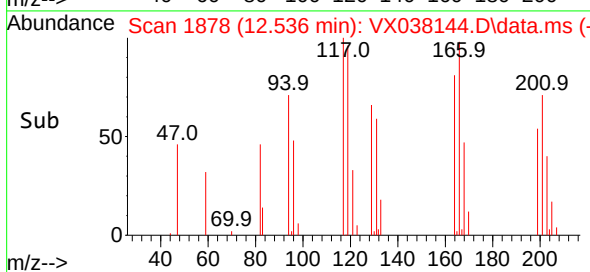
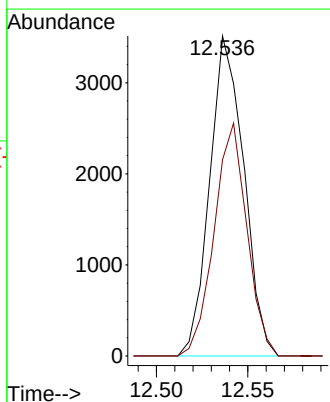
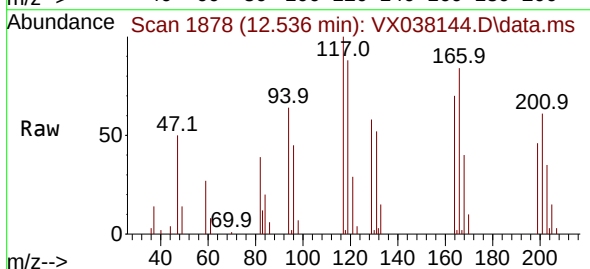
Manual Integrations
APPROVED

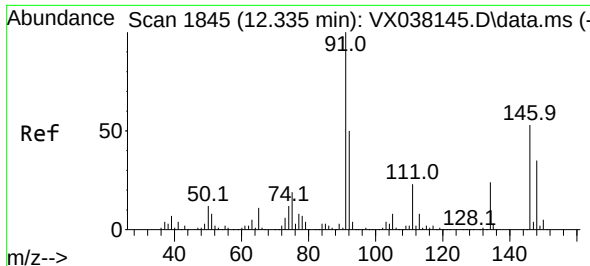
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#86
Hexachloroethane
Concen: 4.161 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

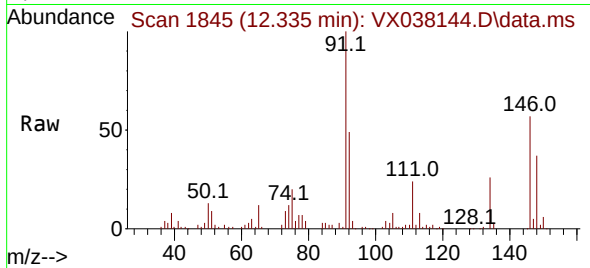
Tgt Ion:117 Resp: 4561
Ion Ratio Lower Upper
117 100
201 70.0 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 4.929 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

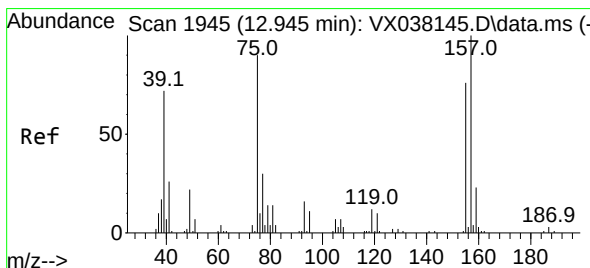
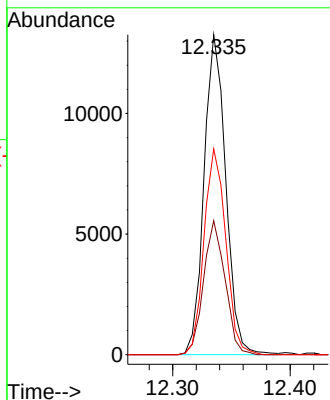
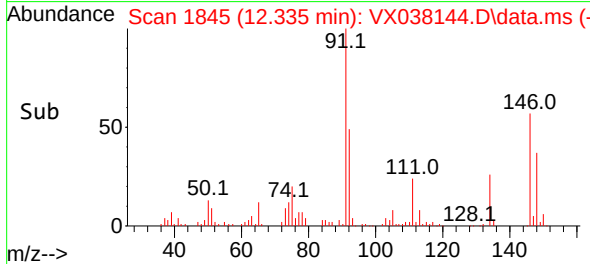
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



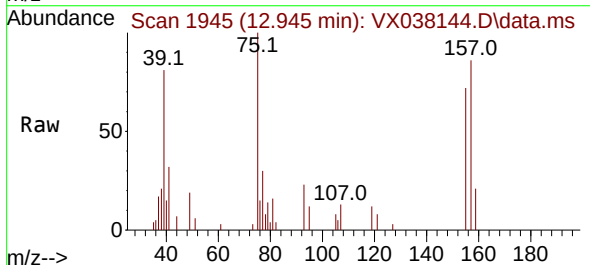
Tgt Ion:146 Resp: 17044
Ion Ratio Lower Upper
146 100
111 41.5 21.4 64.3
148 64.4 33.2 99.6

Manual Integrations
APPROVED

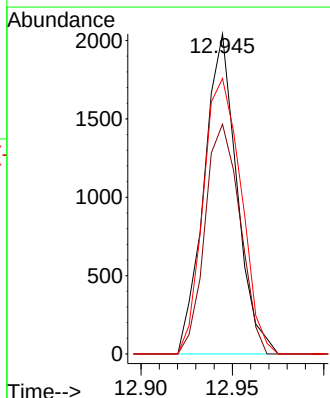
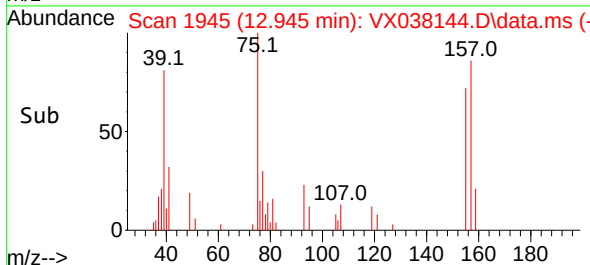
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023

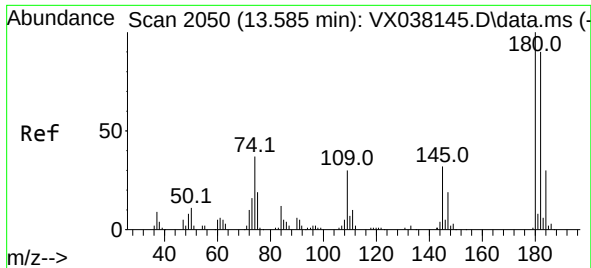


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.046 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20



Tgt Ion: 75 Resp: 2551
Ion Ratio Lower Upper
75 100
155 76.6 62.7 94.1
157 99.3 81.5 122.3





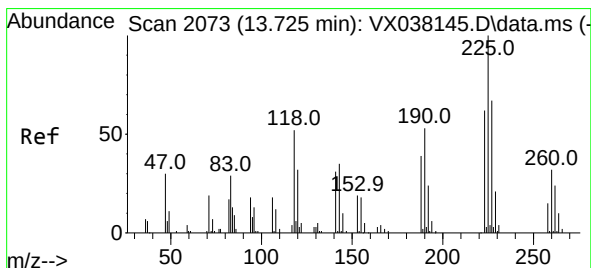
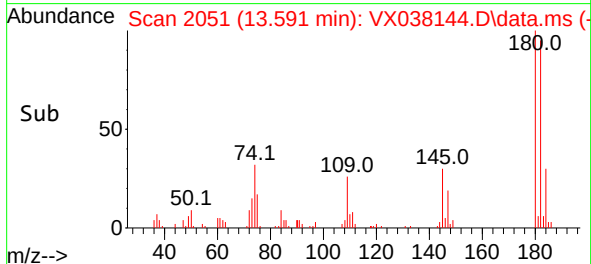
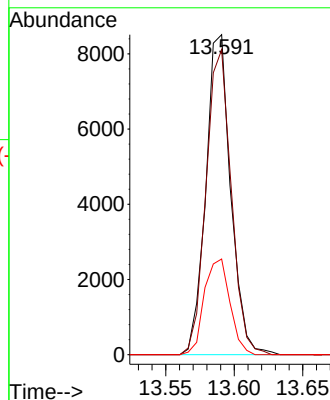
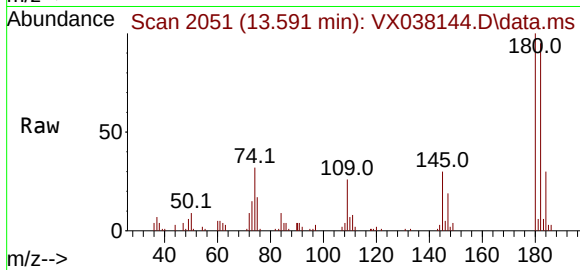
#89
1,2,4-Trichlorobenzene
Concen: 4.811 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 10800
Ion Ratio Lower Upper
180 100
182 96.0 75.6 113.4
145 30.7 25.4 38.2

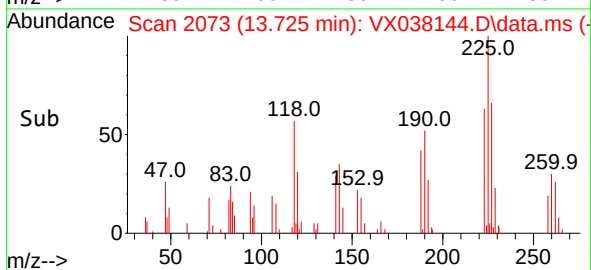
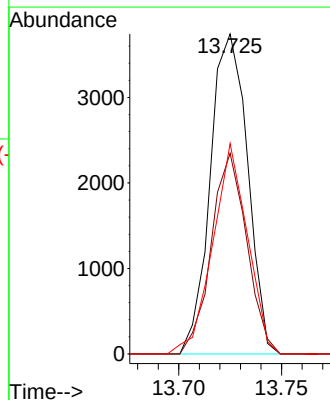
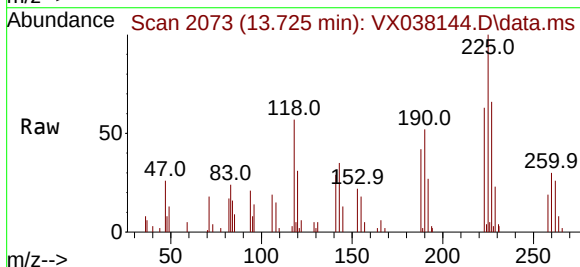
Manual Integrations
APPROVED

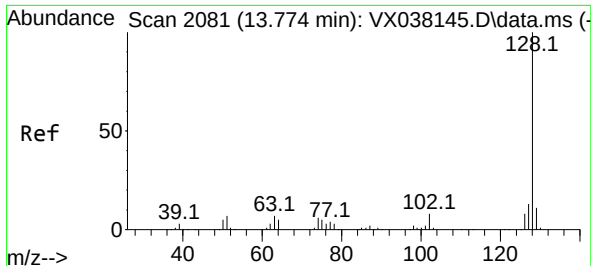
Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#90
Hexachlorobutadiene
Concen: 5.233 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

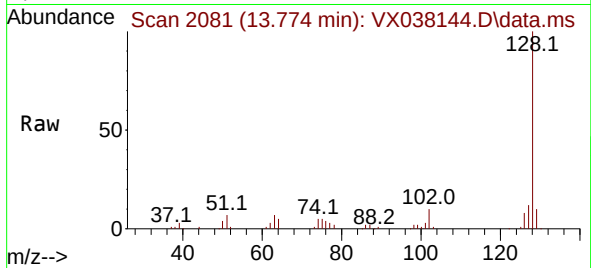
Tgt Ion:225 Resp: 4725
Ion Ratio Lower Upper
225 100
223 59.7 0.0 124.2
227 61.2 0.0 120.4





#91
Naphthalene
Concen: 4.505 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20

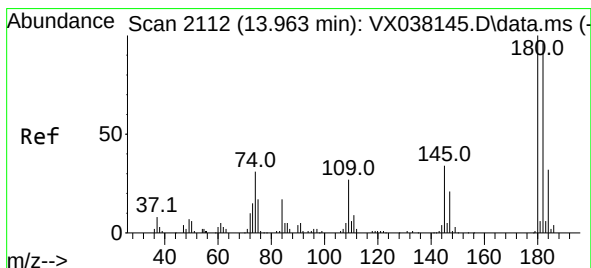
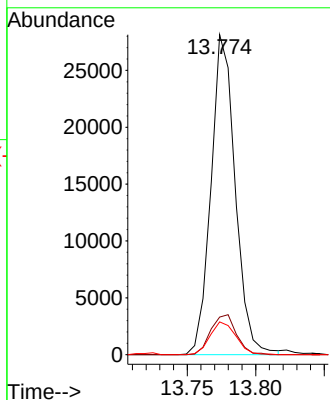
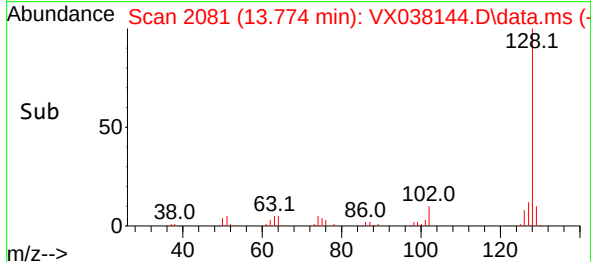
Instrument : MSVOA_X
ClientSampleId : VSTDIC005



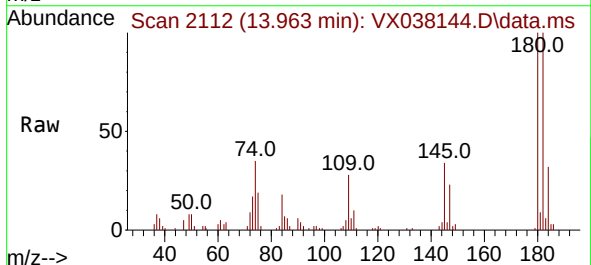
Tgt Ion:128 Resp: 34634
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/09/2023
Supervised By :Mahesh Dadoda 10/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 4.803 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038144.D
Acq: 06 Oct 2023 22:20



Tgt Ion:180 Resp: 10553
Ion Ratio Lower Upper
180 100
182 96.5 0.0 190.6
145 32.5 0.0 66.8

