

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040802.D
 Acq On : 27 Mar 2024 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 03:50:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	47964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	79475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	67730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	36591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	41772	51.795	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.580%			
35) Dibromofluoromethane	5.379	113	29109	48.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.900%			
50) Toluene-d8	8.647	98	101626	49.909	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.820%			
62) 4-Bromofluorobenzene	11.079	95	37856	47.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30242	48.723	ug/l	96
3) Chloromethane	1.301	50	27303	43.007	ug/l	95
4) Vinyl Chloride	1.374	62	29708	49.420	ug/l	99
5) Bromomethane	1.599	94	19429	47.945	ug/l	100
6) Chloroethane	1.685	64	17627	41.717	ug/l	92
7) Trichlorofluoromethane	1.886	101	48978	46.565	ug/l	99
8) Diethyl Ether	2.130	74	14781	43.719	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	28211	46.641	ug/l	100
10) Methyl Iodide	2.453	142	35860	44.779	ug/l	100
11) Tert butyl alcohol	2.953	59	42144	326.326	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	25614	45.211	ug/l	96
13) Acrolein	2.233	56	24531	320.970	ug/l	99
14) Allyl chloride	2.660	41	46776	46.069	ug/l	89
15) Acrylonitrile	3.056	53	78293	245.573	ug/l	97
16) Acetone	2.374	43	80812	282.893	ug/l	97
17) Carbon Disulfide	2.514	76	66489	40.858	ug/l	99
18) Methyl Acetate	2.703	43	35123	45.876	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	94583	48.371	ug/l	98
20) Methylene Chloride	2.788	84	28434	45.536	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	26533	44.364	ug/l	98
22) Diisopropyl ether	3.757	45	95258	48.079	ug/l	94
23) Vinyl Acetate	3.715	43	460128	245.690	ug/l	98
24) 1,1-Dichloroethane	3.605	63	53171	46.724	ug/l	99
25) 2-Butanone	4.550	43	116483	260.336	ug/l	99
26) 2,2-Dichloropropane	4.471	77	48578	48.926	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	32512	46.928	ug/l	99
28) Bromochloromethane	4.891	49	25359	48.723	ug/l	96
29) Tetrahydrofuran	4.995	42	75869	254.926	ug/l	98
30) Chloroform	5.086	83	59226	48.612	ug/l	97
31) Cyclohexane	5.471	56	42771	44.635	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	52283	49.927	ug/l	98
36) 1,1-Dichloropropene	5.690	75	39563	45.184	ug/l	99
37) Ethyl Acetate	4.708	43	46738	47.007	ug/l	98
38) Carbon Tetrachloride	5.672	117	45294	45.959	ug/l	96
39) Methylcyclohexane	7.379	83	45940	47.359	ug/l	100
40) Benzene	6.037	78	110507	45.705	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25971	50.513	ug/l	97
42) 1,2-Dichloroethane	6.080	62	48406	49.476	ug/l	97
43) Isopropyl Acetate	6.330	43	78003	49.960	ug/l	98
44) Trichloroethene	7.123	130	27640	47.695	ug/l	92
45) 1,2-Dichloropropane	7.428	63	28456	50.164	ug/l	100
46) Dibromomethane	7.574	93	22582	50.263	ug/l	99
47) Bromodichloromethane	7.818	83	46054	50.167	ug/l	96
48) Methyl methacrylate	7.690	41	38720	54.259	ug/l	96
49) 1,4-Dioxane	7.653	88	12258	1017.809	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	250841	259.064	ug/l	95
52) Toluene	8.714	92	69671	48.317	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	44605	46.970	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	48561	49.444	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	27195	46.312	ug/l	90
56) Ethyl methacrylate	9.116	69	47254	48.143	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	46383	46.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	127716	247.929	ug/l	96
59) 2-Hexanone	9.427	43	191326	255.079	ug/l	95
60) Dibromochloromethane	9.519	129	33564	48.641	ug/l	99
61) 1,2-Dibromoethane	9.604	107	28668	46.232	ug/l	98
64) Tetrachloroethene	9.275	164	23424	46.430	ug/l	96
65) Chlorobenzene	10.079	112	73892	48.102	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26185	50.091	ug/l	98
67) Ethyl Benzene	10.189	91	132600	48.199	ug/l	97
68) m/p-Xylenes	10.299	106	98669	97.959	ug/l	93
69) o-Xylene	10.640	106	46123	47.666	ug/l	92
70) Styrene	10.653	104	80697	49.818	ug/l	97
71) Bromoform	10.799	173	21975	51.469	ug/l #	99
73) Isopropylbenzene	10.957	105	126766	45.658	ug/l	100
74) N-amyl acetate	10.842	43	65596	47.986	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	42590	45.313	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37361m	47.474	ug/l	
77) Bromobenzene	11.195	156	30675	45.645	ug/l	96
78) n-propylbenzene	11.305	91	158424	46.278	ug/l	98
79) 2-Chlorotoluene	11.366	91	94438	47.809	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	109742	47.150	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	14611	46.968	ug/l	96
82) 4-Chlorotoluene	11.451	91	111111	44.847	ug/l	98
83) tert-Butylbenzene	11.713	119	108732	46.577	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	110946	47.361	ug/l	99
85) sec-Butylbenzene	11.890	105	138919	46.796	ug/l	99
86) p-Isopropyltoluene	12.006	119	118569	48.167	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60715	47.310	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	62158	45.606	ug/l	99
89) n-Butylbenzene	12.329	91	119572	48.170	ug/l	95
90) Hexachloroethane	12.536	117	21441	50.022	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	58246	46.196	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10949	46.654	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	41448	46.254	ug/l	97
94) Hexachlorobutadiene	13.725	225	16523	46.780	ug/l	98
95) Naphthalene	13.774	128	136149	48.024	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	40188	45.647	ug/l	99

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

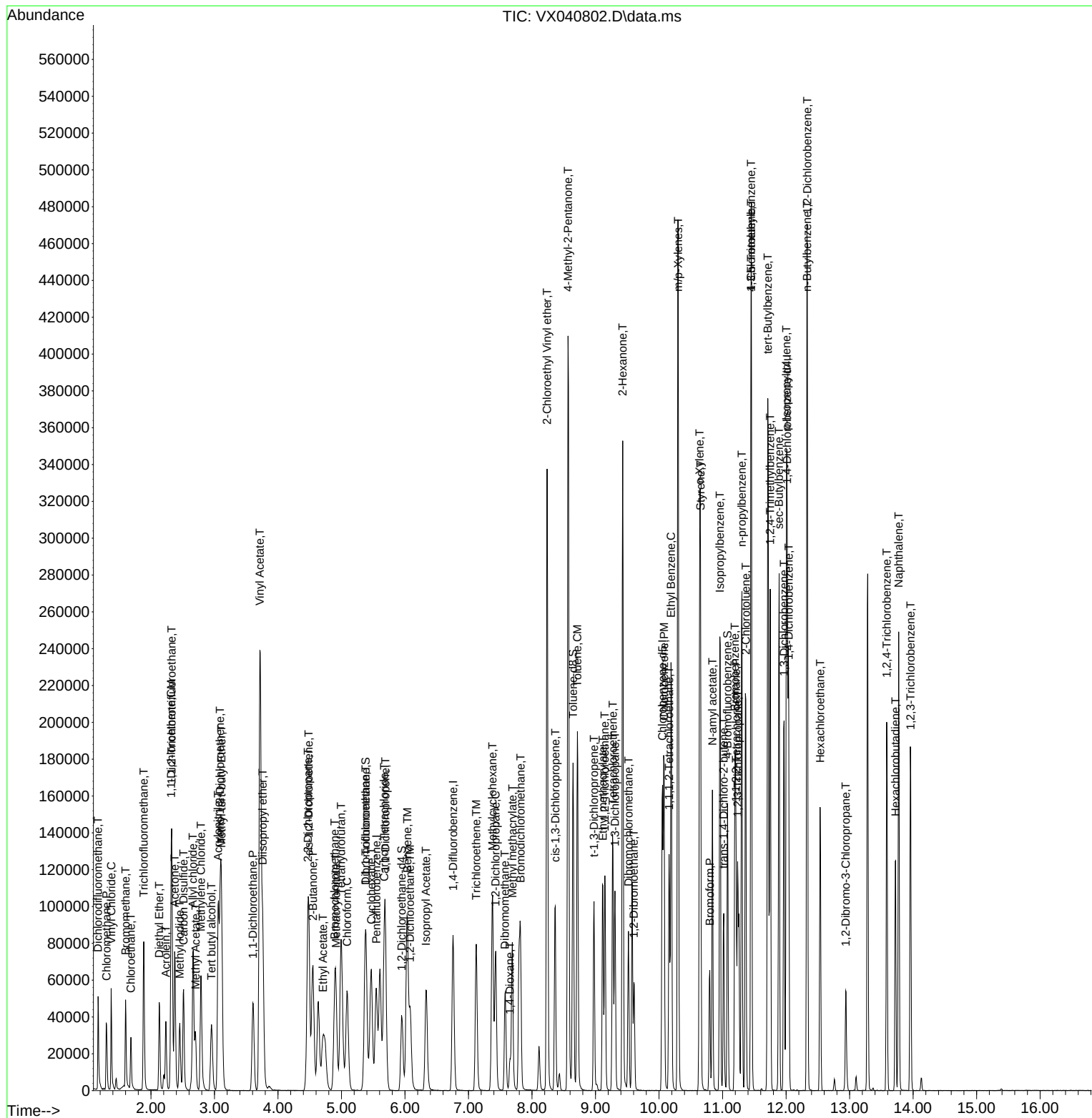
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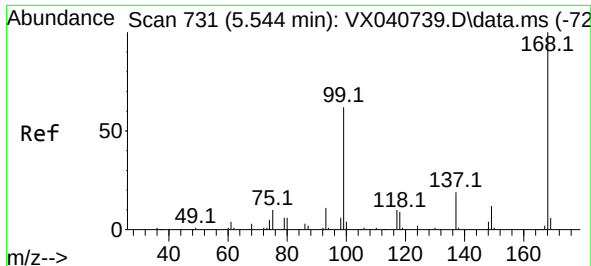
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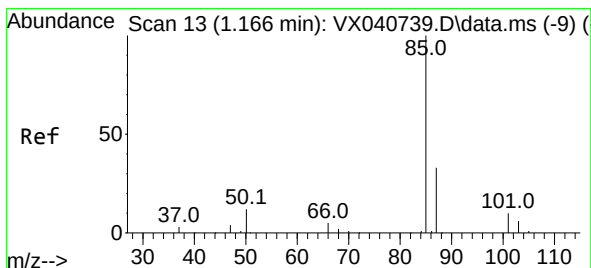
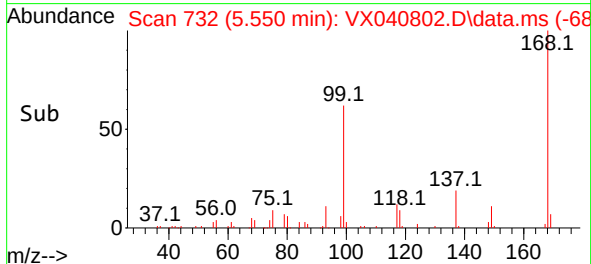
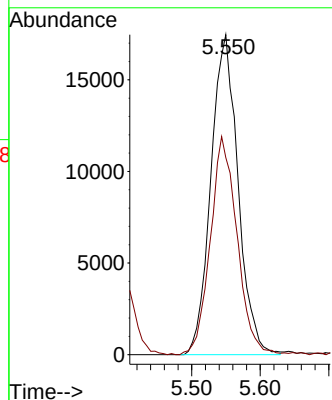
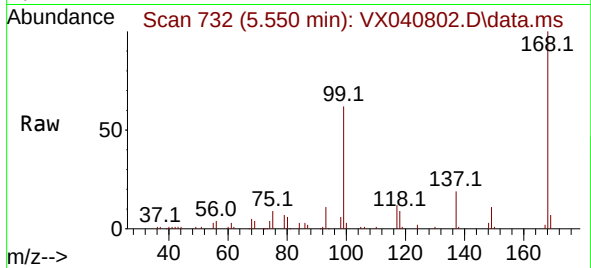
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040802.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 47964
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0

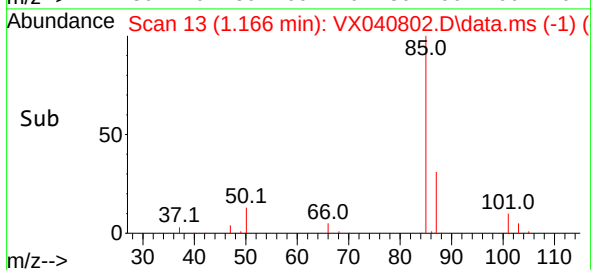
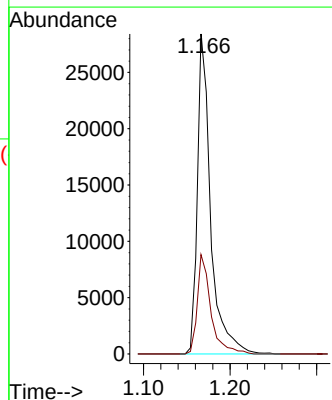
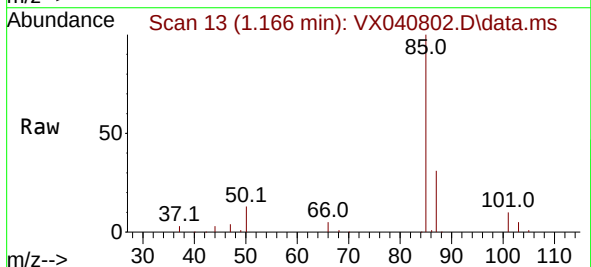
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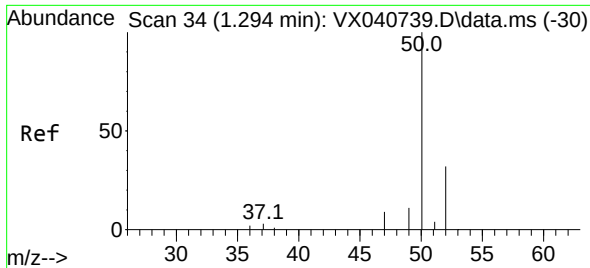
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#2
Dichlorodifluoromethane
Concen: 48.723 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 85 Resp: 30242
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





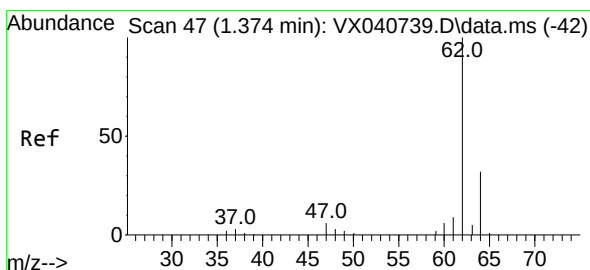
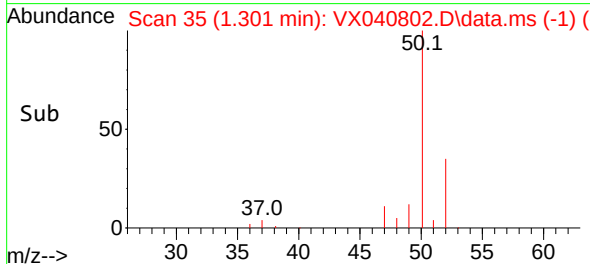
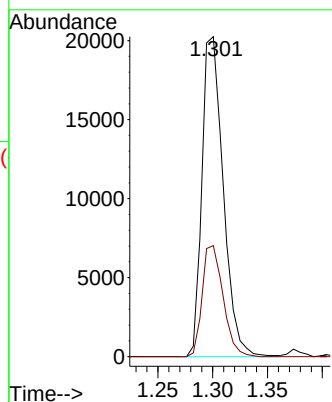
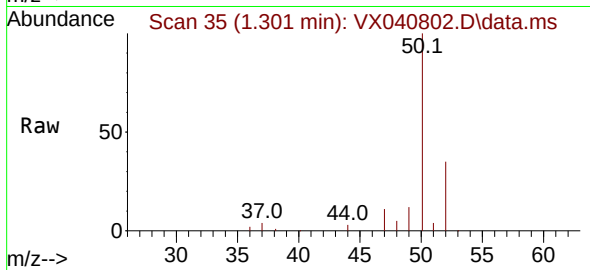
#3
Chloromethane
Concen: 43.007 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 2730
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3

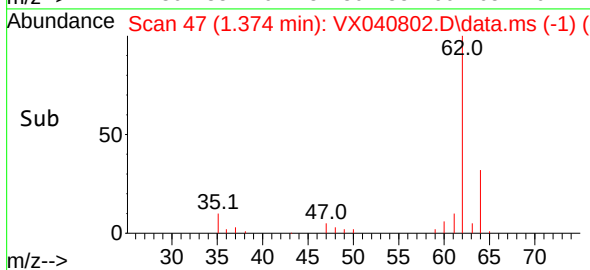
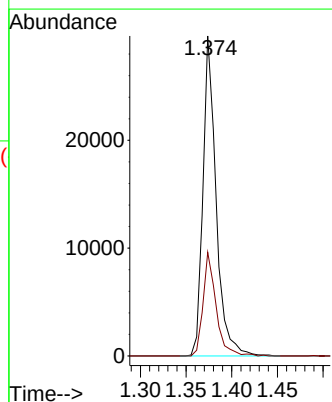
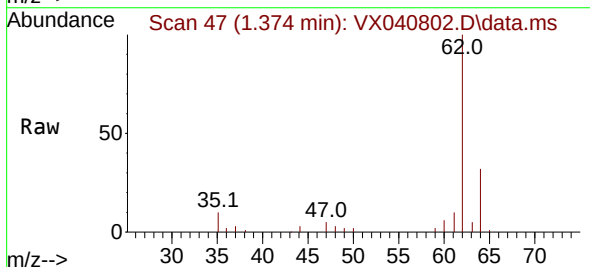
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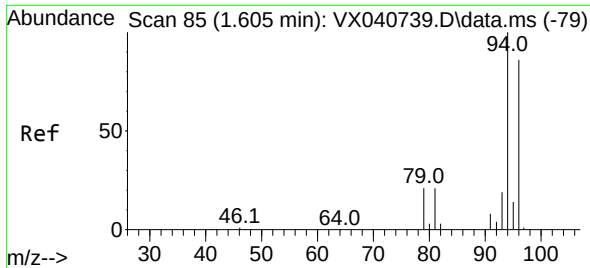
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#4
Vinyl Chloride
Concen: 49.420 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 62 Resp: 29708
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





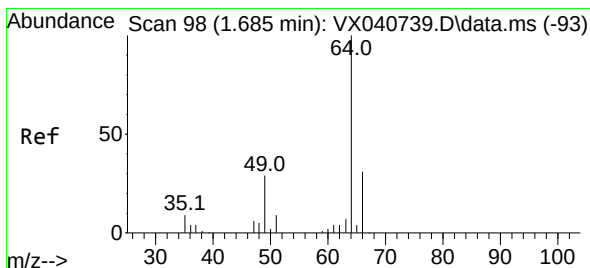
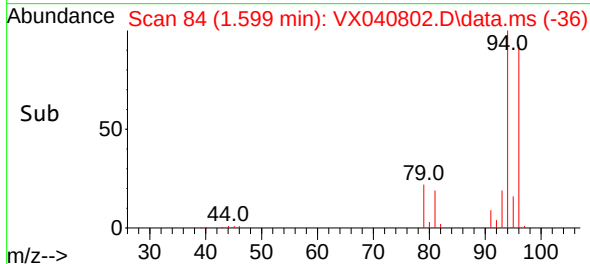
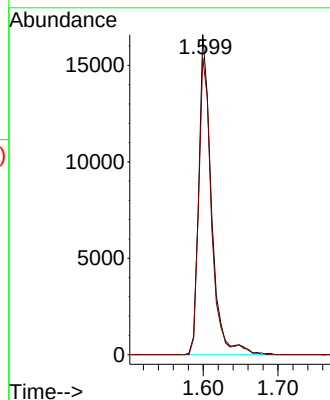
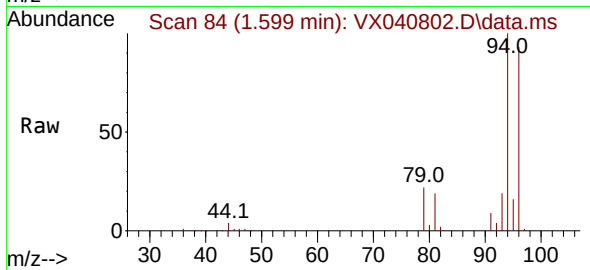
#5
Bromomethane
Concen: 47.945 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040802.D
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Tgt Ion: 94 Resp: 19429
Ion Ratio Lower Upper
94 100
96 92.8 74.6 111.8

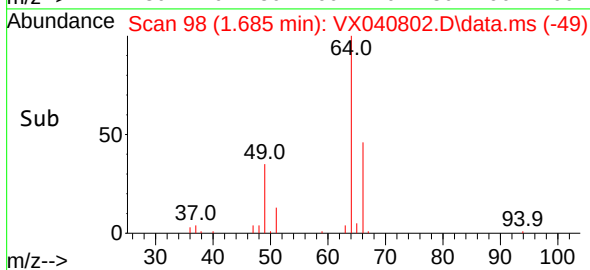
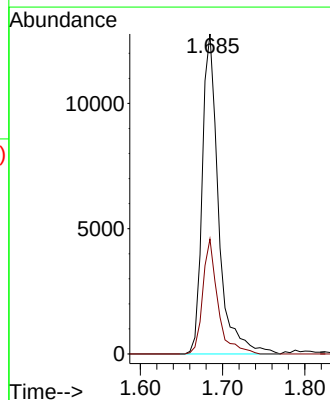
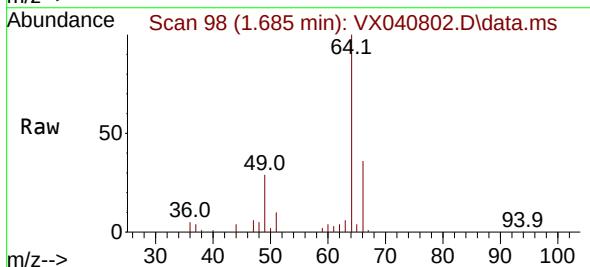
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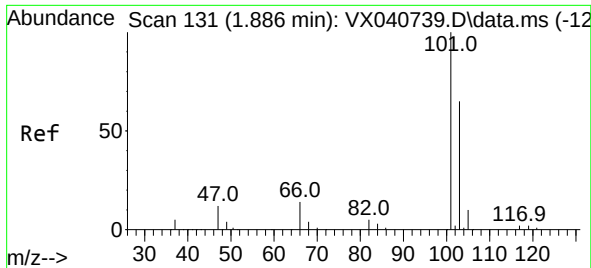
Reviewed By :John Carlone 03/28/2024
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#6
Chloroethane
Concen: 41.717 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040802.D
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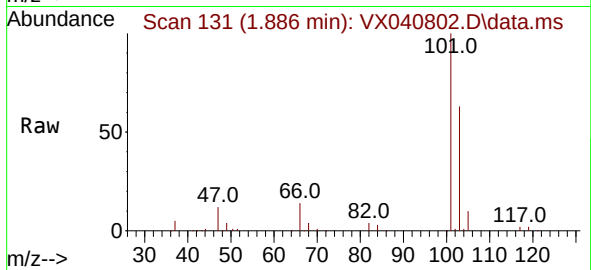
Tgt Ion: 64 Resp: 17627
Ion Ratio Lower Upper
64 100
66 35.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 46.565 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040802.D
 Acq: 27 Mar 2024 10:55

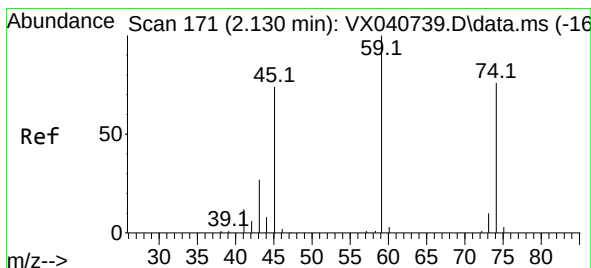
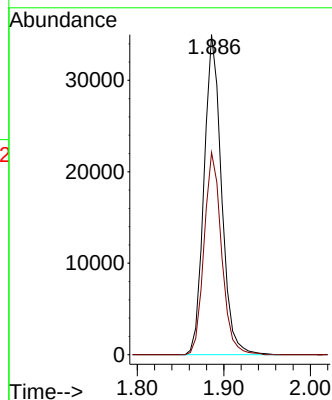
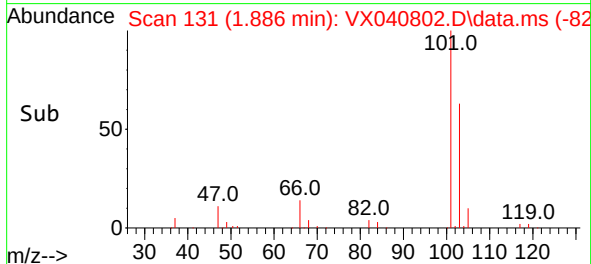
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 48978
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

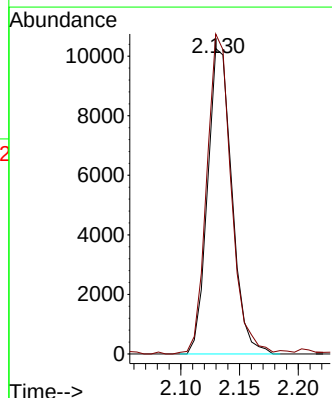
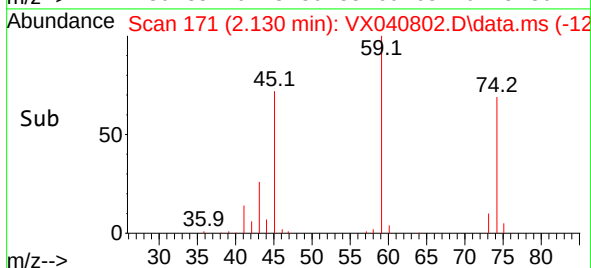
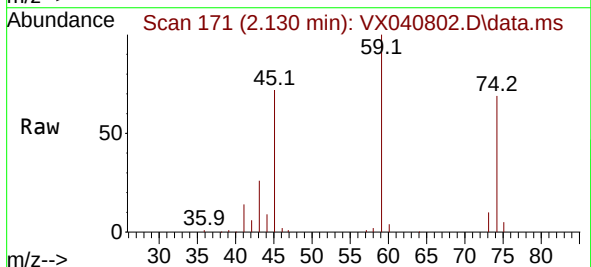
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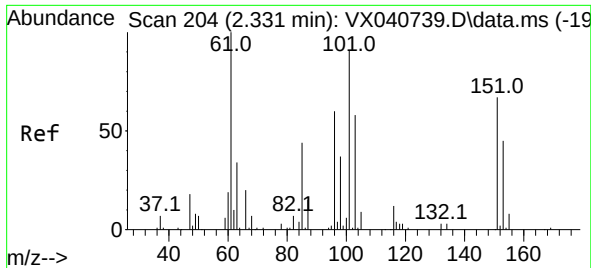
Reviewed By :John Carlone 03/28/2024
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#8
 Diethyl Ether
 Concen: 43.719 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040802.D
 Acq: 27 Mar 2024 10:55

Tgt Ion: 74 Resp: 14781
 Ion Ratio Lower Upper
 74 100
 45 105.7 53.3 159.8





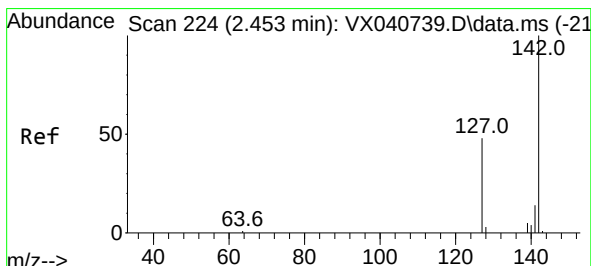
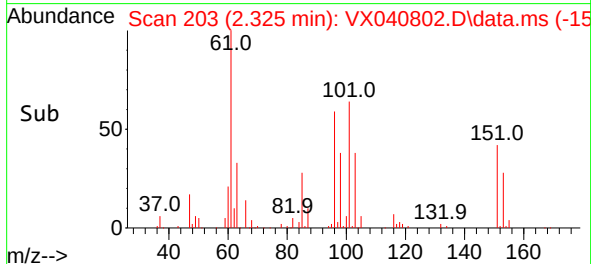
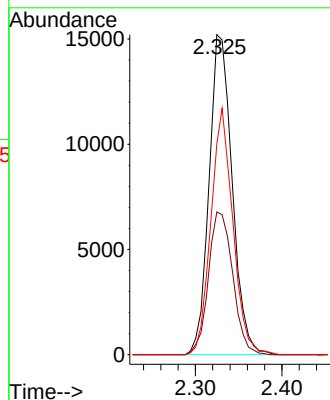
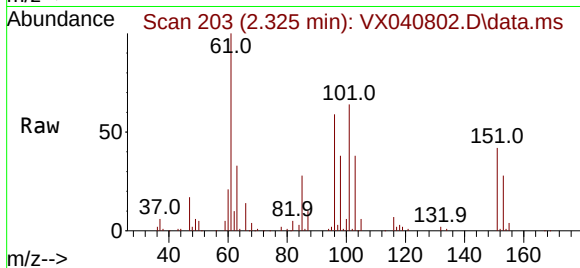
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.641 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 2821
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 73.3 58.6 87.8

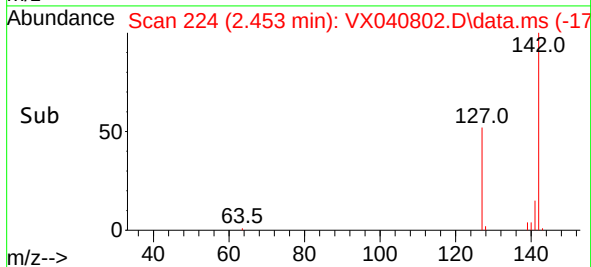
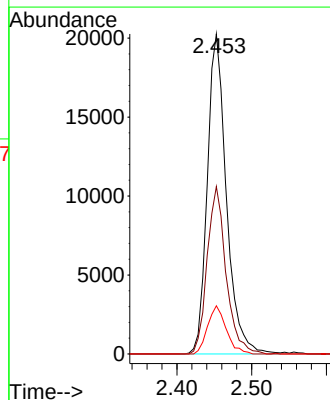
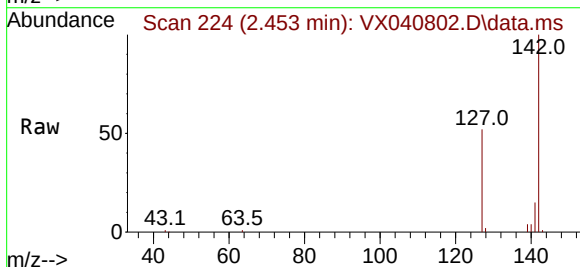
Manual Integrations
APPROVED

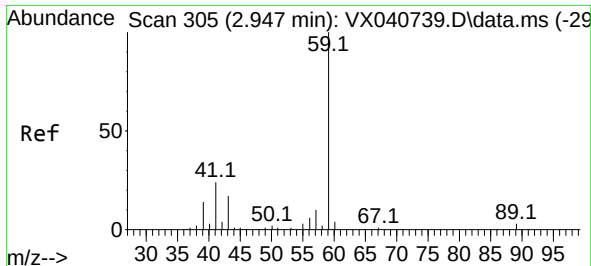
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#10
Methyl Iodide
Concen: 44.779 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion:142 Resp: 35860
Ion Ratio Lower Upper
142 100
127 51.8 41.6 62.4
141 14.7 11.6 17.4





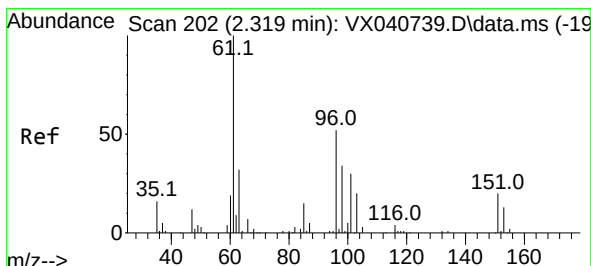
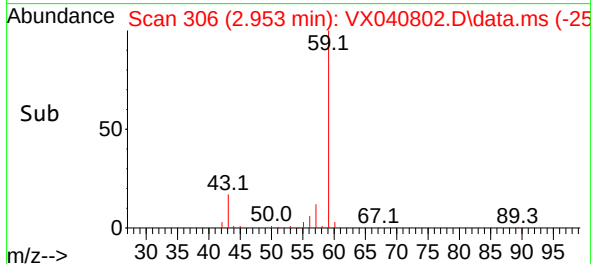
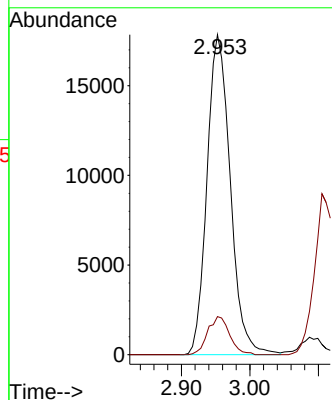
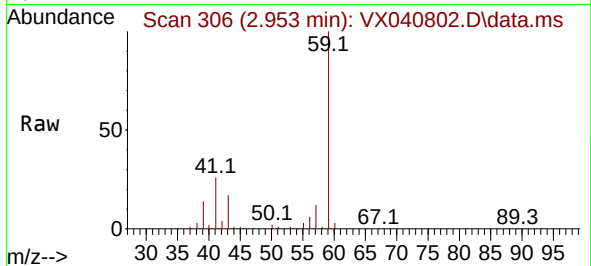
#11
Tert butyl alcohol
Concen: 326.326 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 42144
Ion Ratio Lower Upper
59 100
57 11.2 6.0 9.0

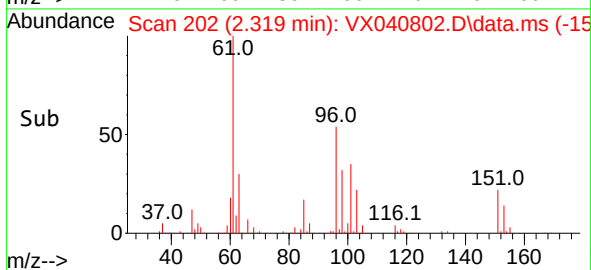
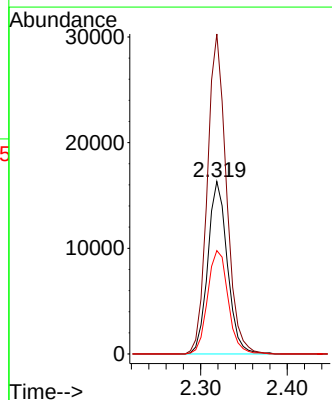
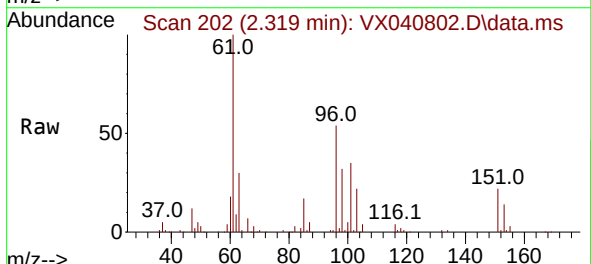
Manual Integrations
APPROVED

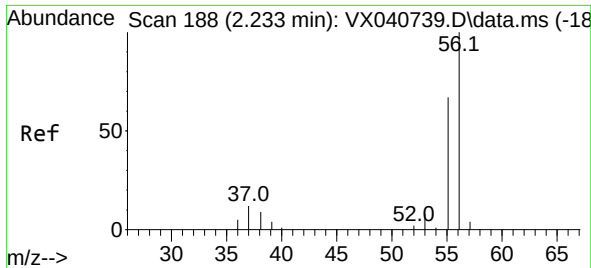
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#12
1,1-Dichloroethene
Concen: 45.211 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

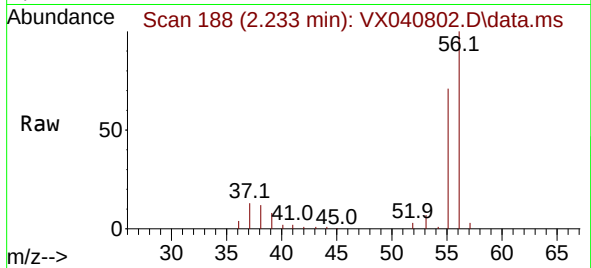
Tgt Ion: 96 Resp: 25614
Ion Ratio Lower Upper
96 100
61 185.5 144.6 216.8
98 59.9 50.4 75.6





#13
Acrolein
Concen: 320.970 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

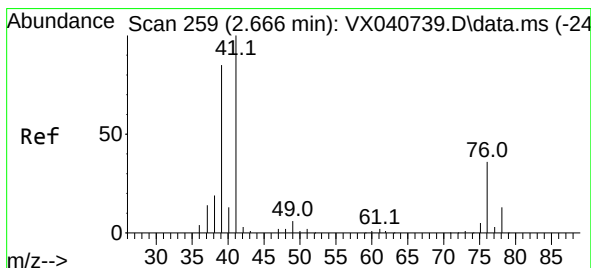
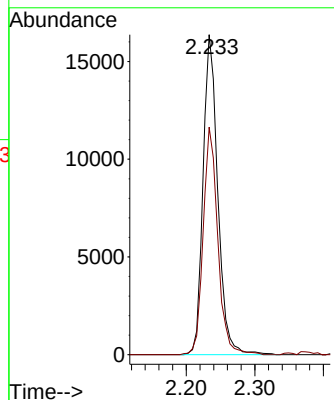
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



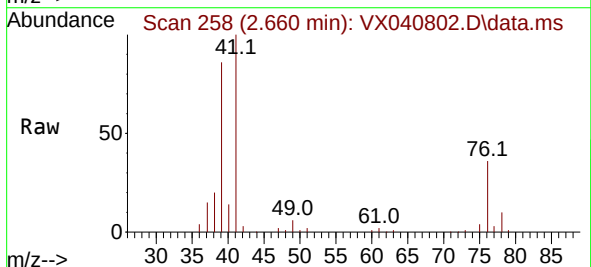
Tgt Ion: 56 Resp: 2453
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

Manual Integrations
APPROVED

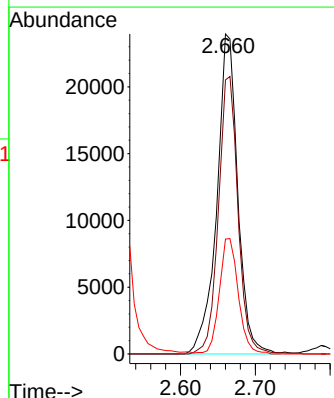
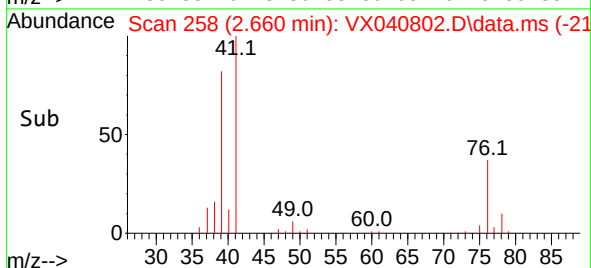
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

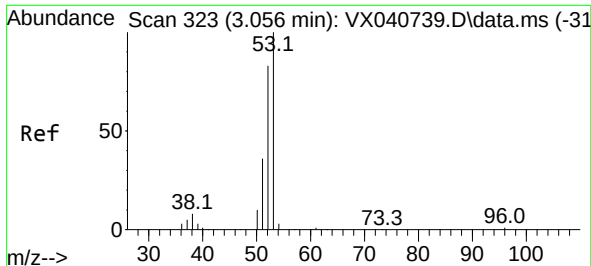


#14
Allyl chloride
Concen: 46.069 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion: 41 Resp: 46776
Ion Ratio Lower Upper
41 100
39 81.0 55.8 83.6
76 32.6 24.3 36.5





#15

Acrylonitrile

Concen: 245.573 ug/l

RT: 3.056 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

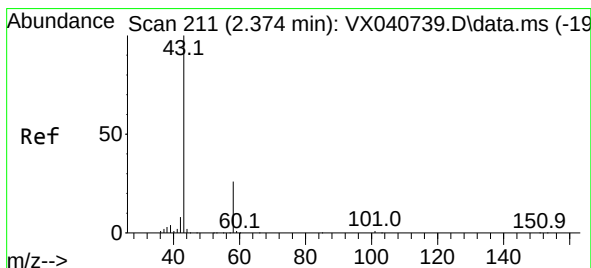
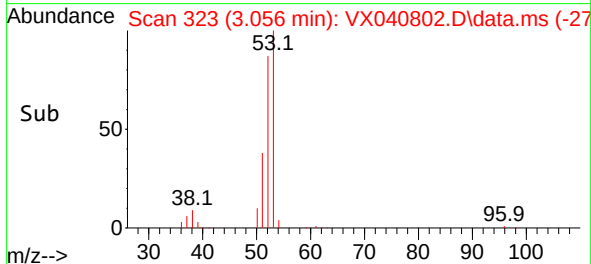
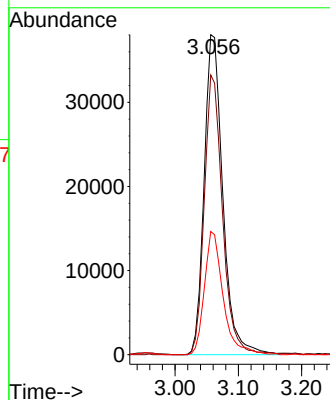
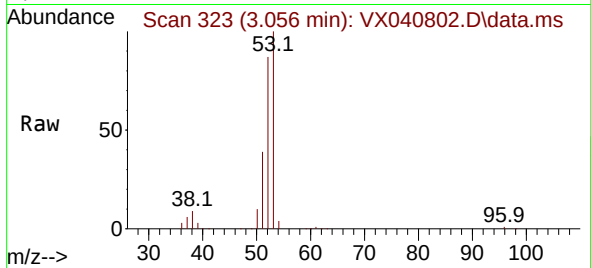
Tgt Ion: 53	Resp: 7829
Ion Ratio	Lower Upper
53 100	
52 85.2	66.0 99.0
51 38.6	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#16

Acetone

Concen: 282.893 ug/l

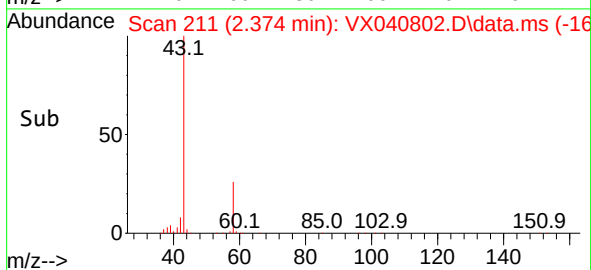
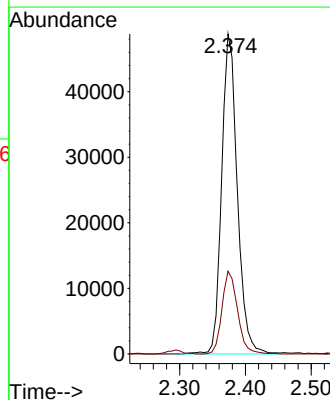
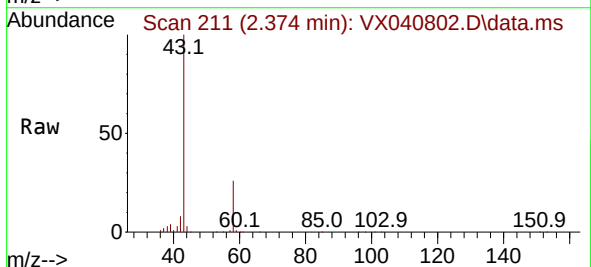
RT: 2.374 min Scan# 211

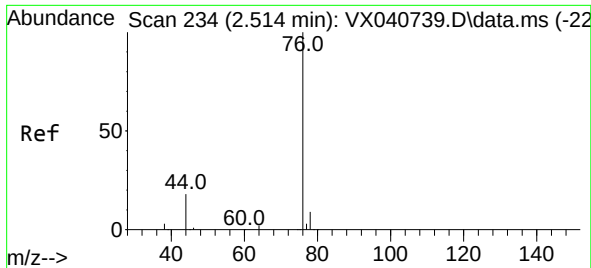
Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion: 43	Resp: 80812
Ion Ratio	Lower Upper
43 100	
58 25.8	21.9 32.9





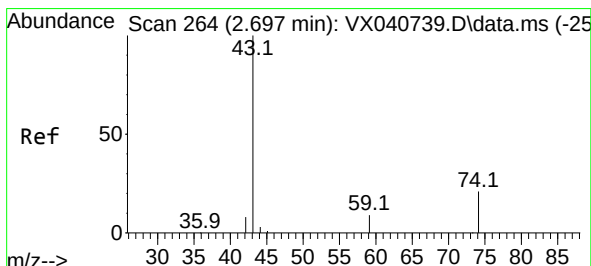
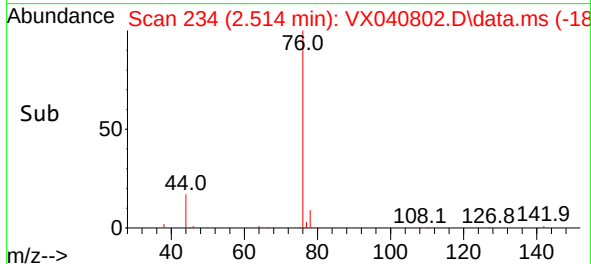
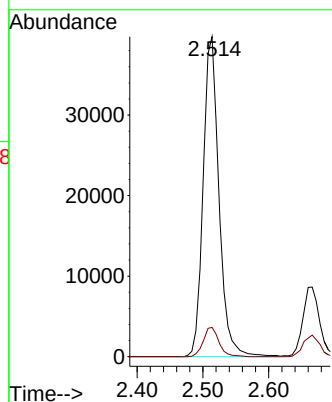
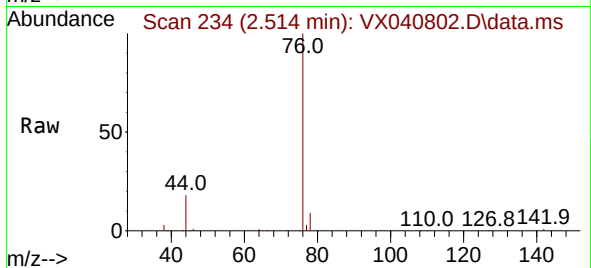
#17
Carbon Disulfide
Concen: 40.858 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 66489
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

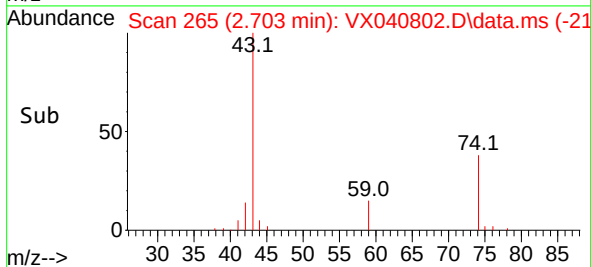
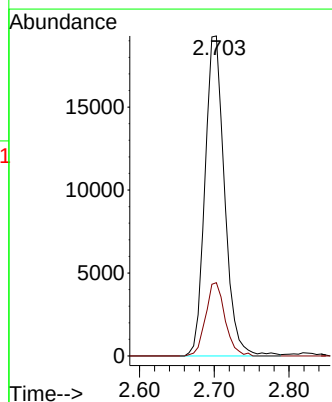
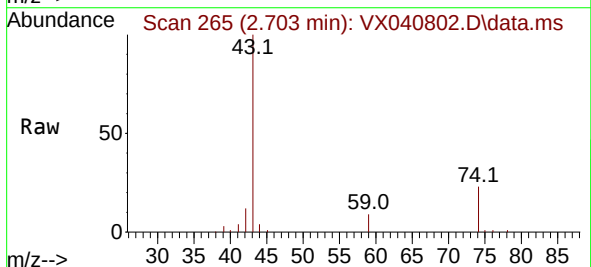
Manual Integrations
APPROVED

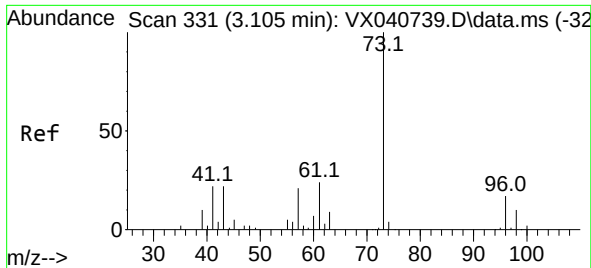
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#18
Methyl Acetate
Concen: 45.876 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 43 Resp: 35123
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





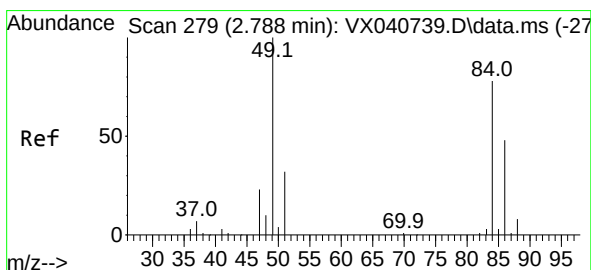
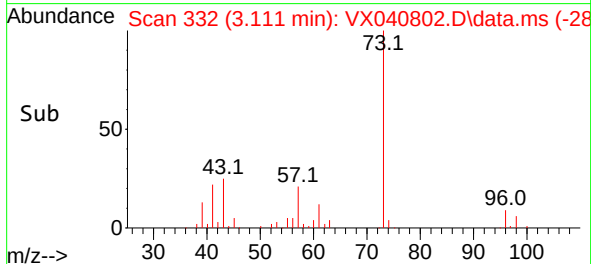
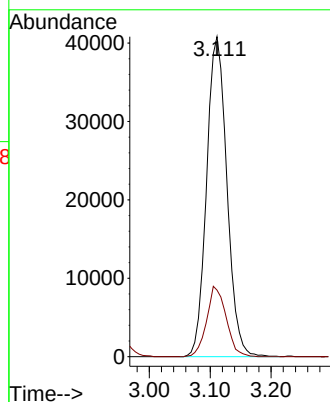
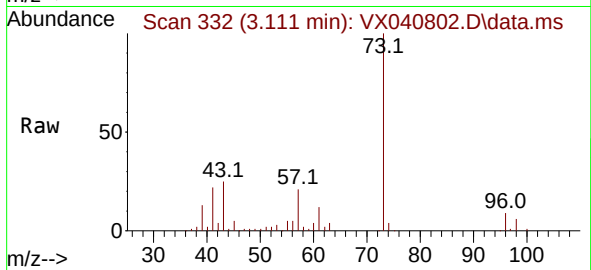
#19
Methyl tert-butyl Ether
Concen: 48.371 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 9458
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

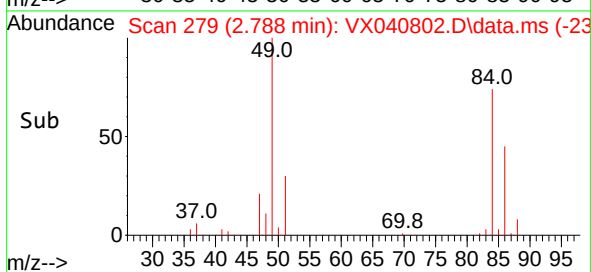
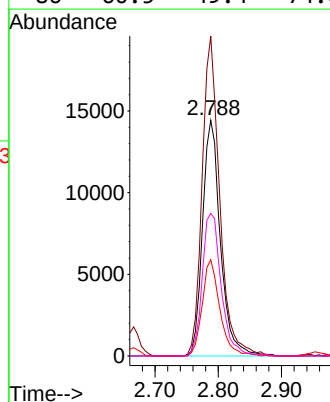
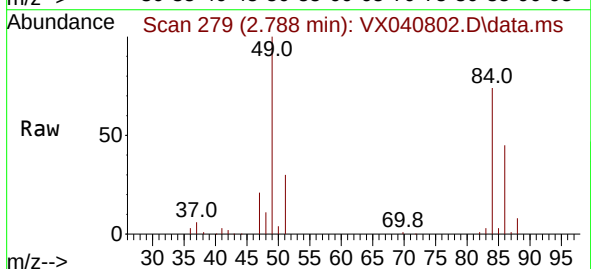
Manual Integrations
APPROVED

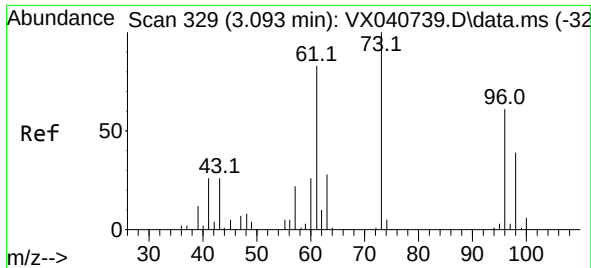
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#20
Methylene Chloride
Concen: 45.536 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 84 Resp: 28434
Ion Ratio Lower Upper
84 100
49 135.7 103.6 155.4
51 40.8 33.8 50.6
86 60.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.364 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

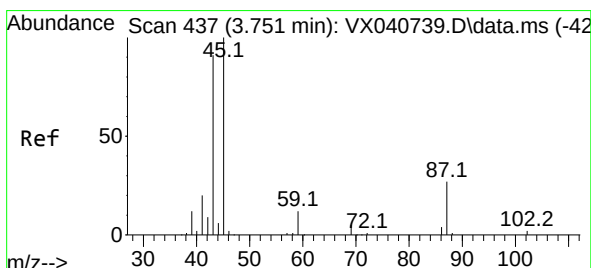
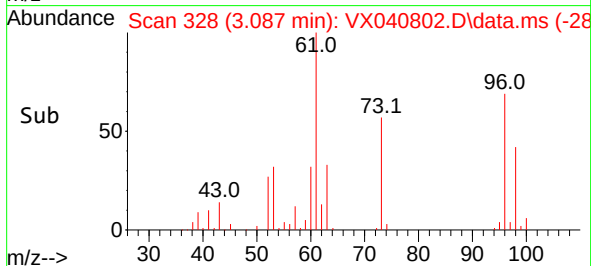
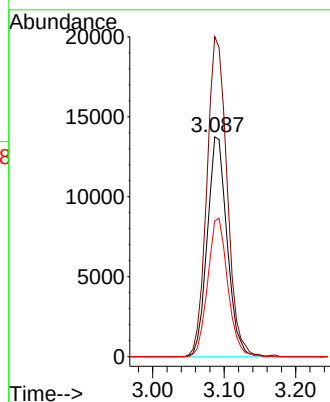
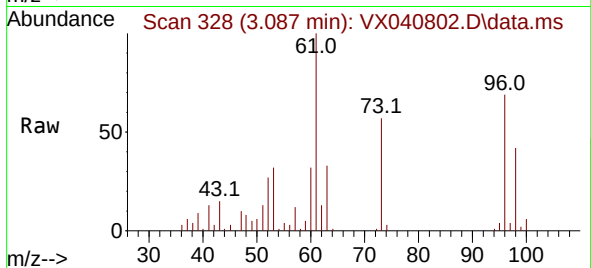
Tgt Ion: 96 Resp: 2653
Ion Ratio Lower Upper
96 100
61 145.5 119.2 178.8
98 61.8 48.7 73.1

Manual Integrations

APPROVED

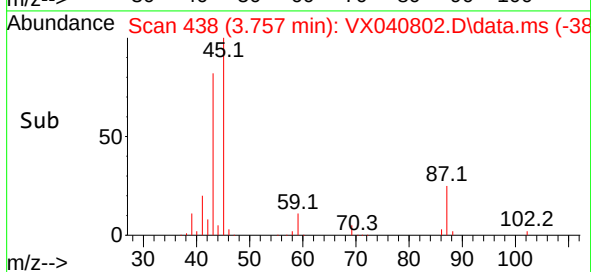
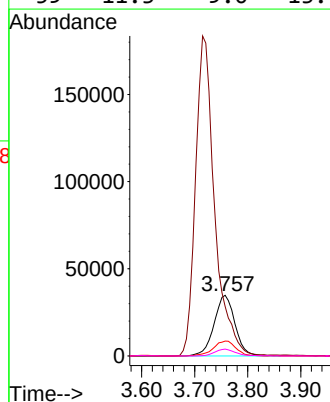
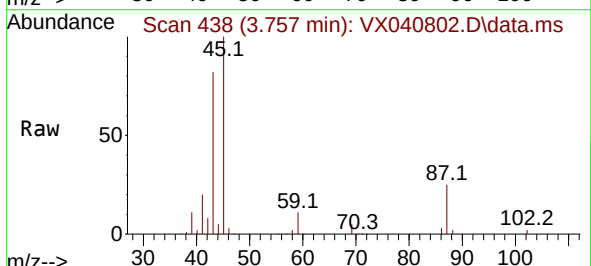
Reviewed By :John Carlone 03/28/2024

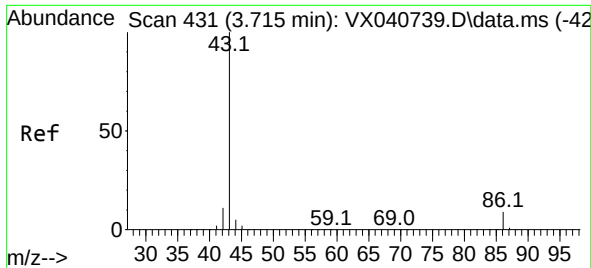
Supervised By :Mahesh Dadoda 03/28/2024



#22
Diisopropyl ether
Concen: 48.079 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

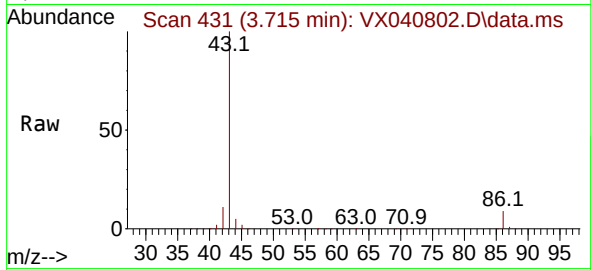
Tgt Ion: 45 Resp: 95258
Ion Ratio Lower Upper
45 100
43 80.3 69.7 104.5
87 24.7 20.8 31.2
59 11.3 9.0 13.4





#23
Vinyl Acetate
Concen: 245.690 ug/l
RT: 3.715 min Scan# 411
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

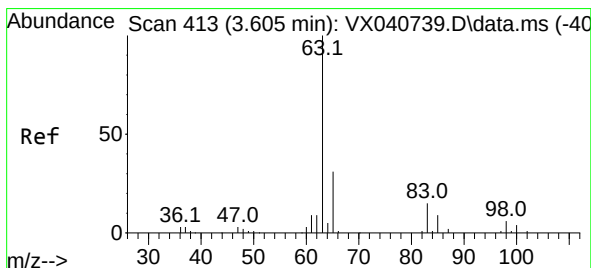
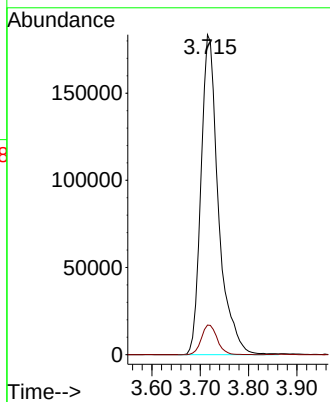
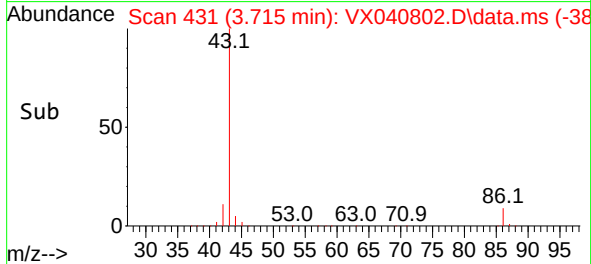
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



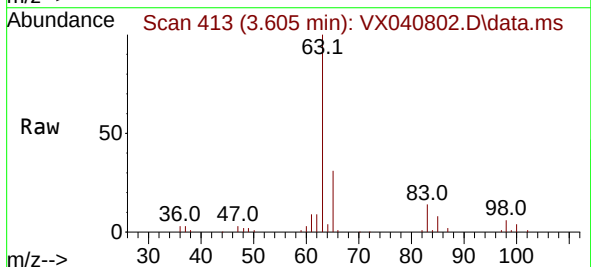
Tgt Ion: 43 Resp: 460128
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.8

Manual Integrations
APPROVED

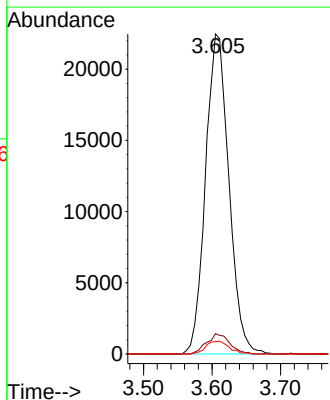
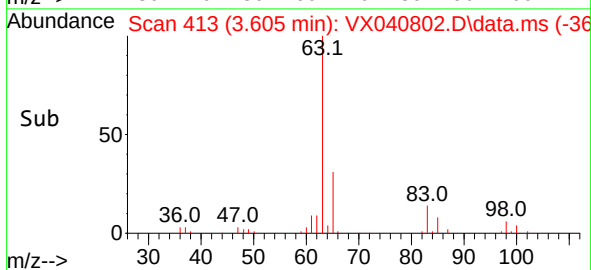
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

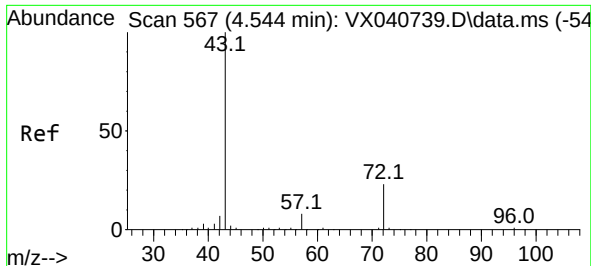


#24
1,1-Dichloroethane
Concen: 46.724 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



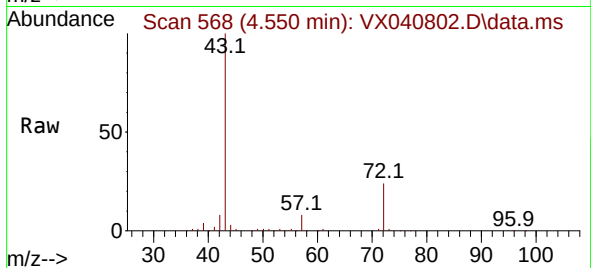
Tgt Ion: 63 Resp: 53171
Ion Ratio Lower Upper
63 100
98 6.4 3.3 9.8
100 3.9 2.1 6.5





#25
2-Butanone
Concen: 260.336 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

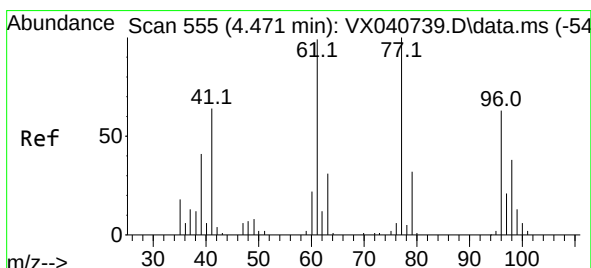
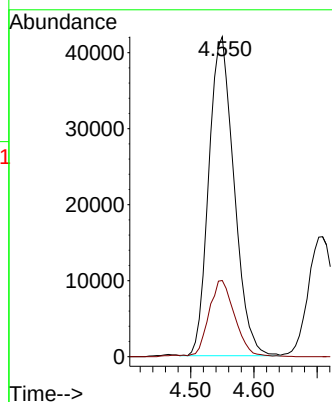
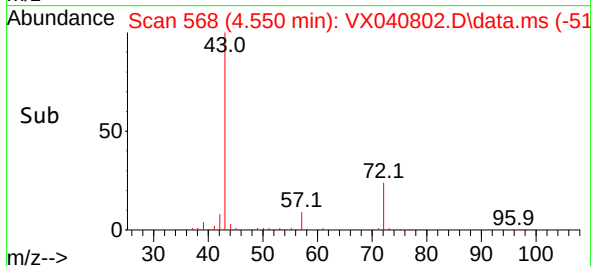
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 11648
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

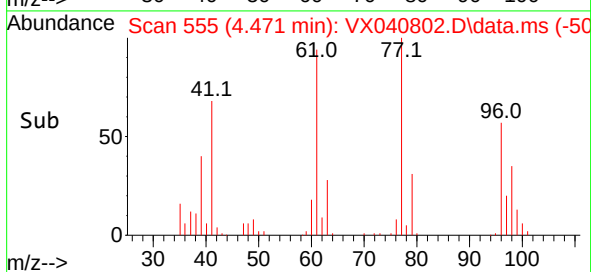
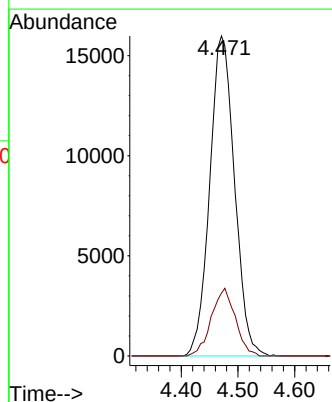
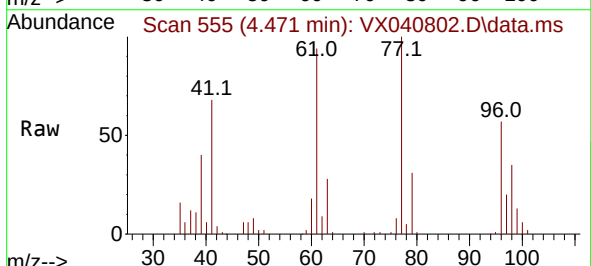
Manual Integrations
APPROVED

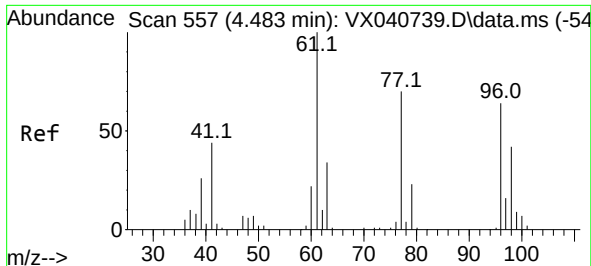
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#26
2,2-Dichloropropane
Concen: 48.926 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 77 Resp: 48578
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.928 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 3251

Ion Ratio Lower Upper

96 100

61 155.3 0.0 312.2

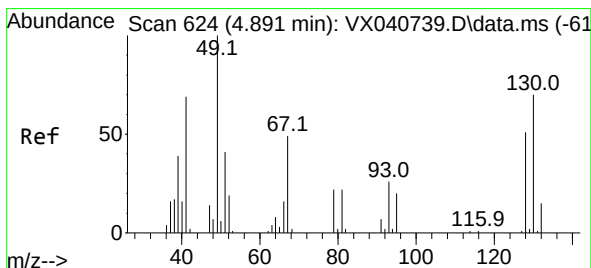
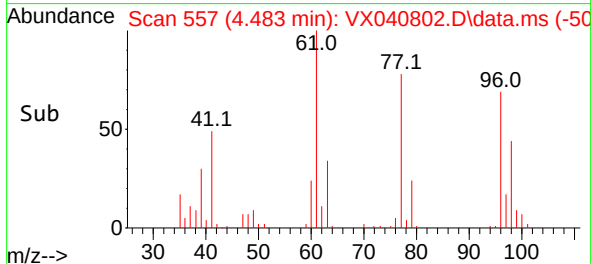
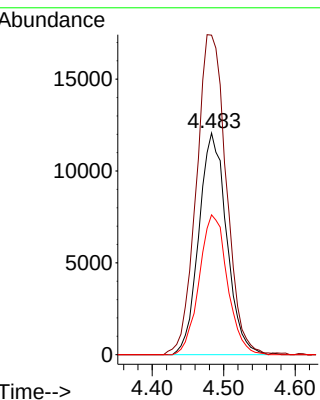
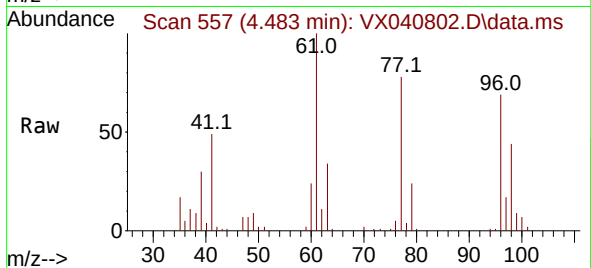
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#28

Bromochloromethane

Concen: 48.723 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

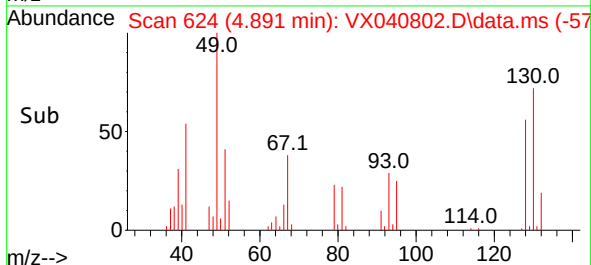
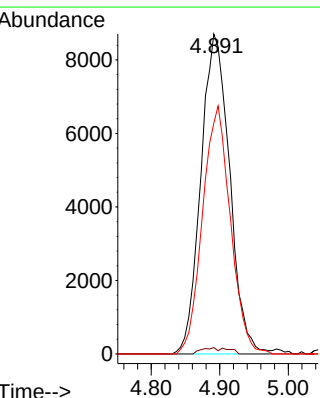
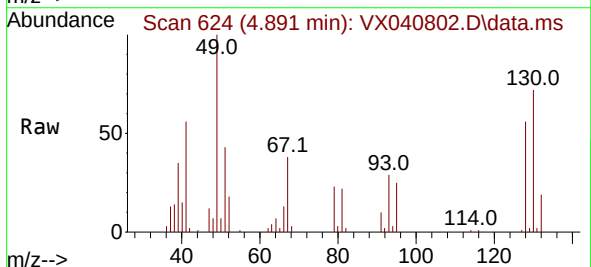
Tgt Ion: 49 Resp: 25359

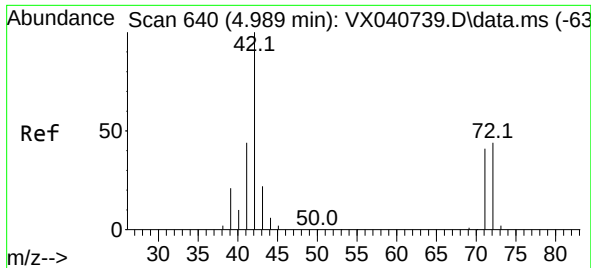
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 75.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 254.926 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 7586

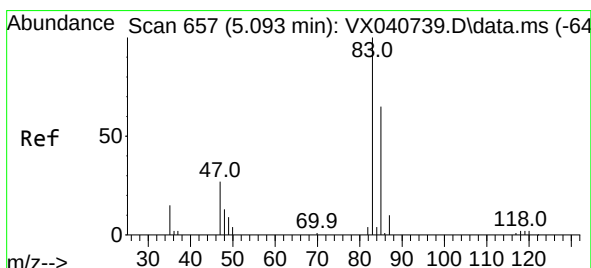
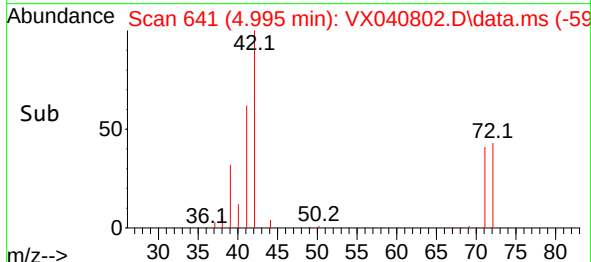
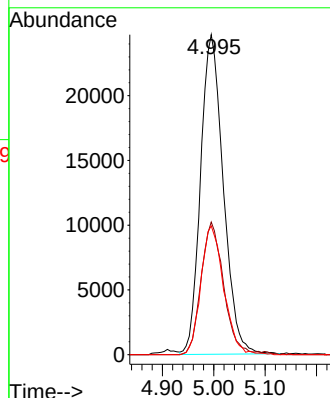
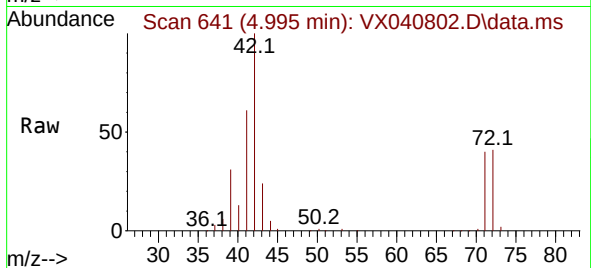
Ion	Ratio	Lower	Upper
42	100		
72	41.0	34.2	51.4
71	40.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#30

Chloroform

Concen: 48.612 ug/l

RT: 5.086 min Scan# 656

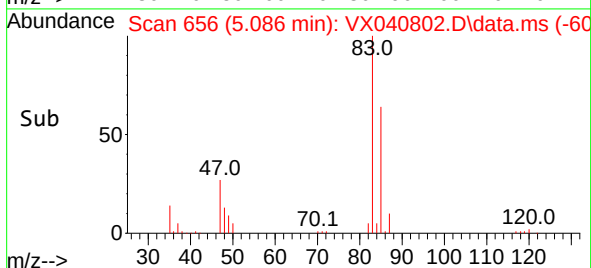
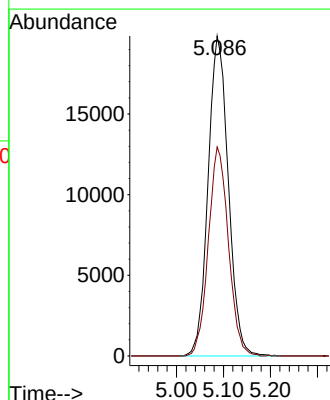
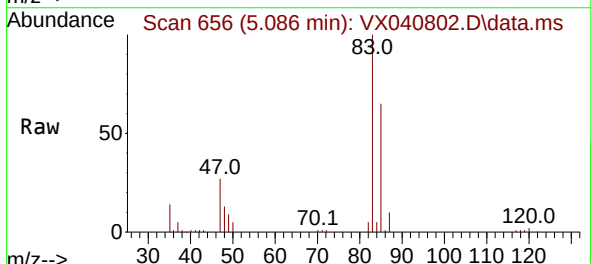
Delta R.T. -0.007 min

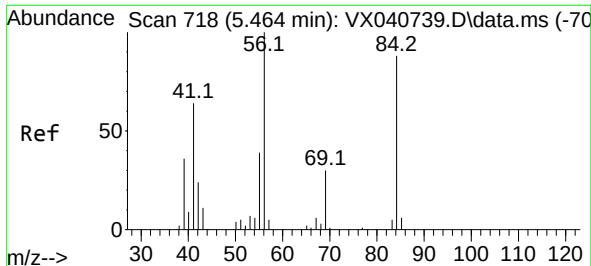
Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion: 83 Resp: 59226

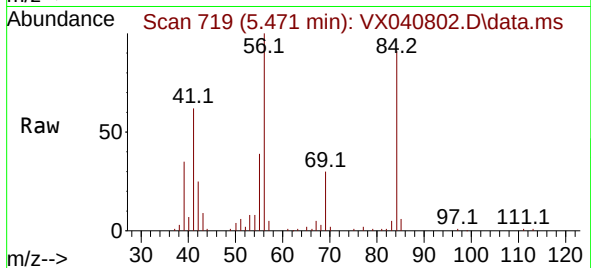
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





#31
Cyclohexane
Concen: 44.635 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

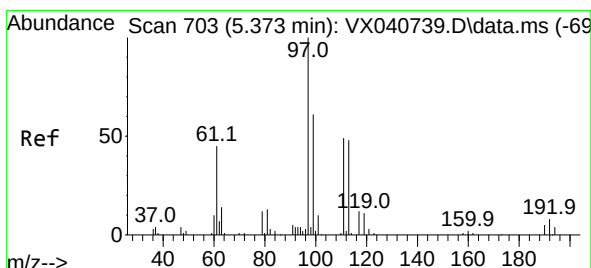
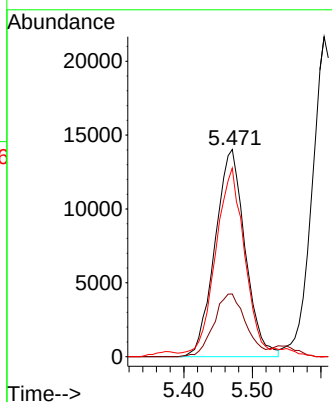
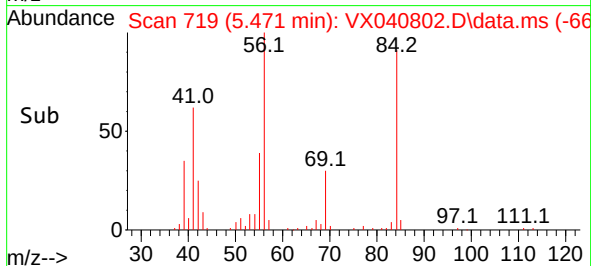
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 4277
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 89.3 65.9 98.9

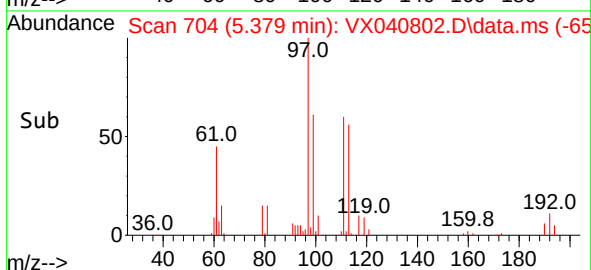
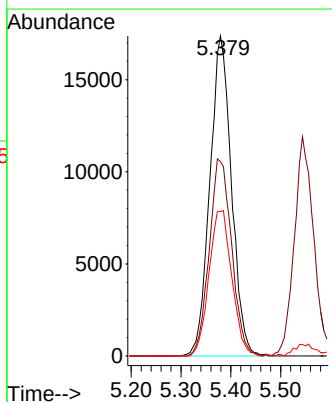
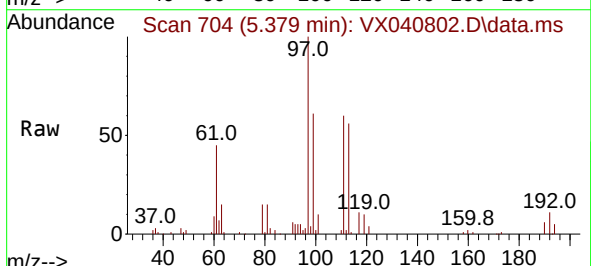
Manual Integrations
APPROVED

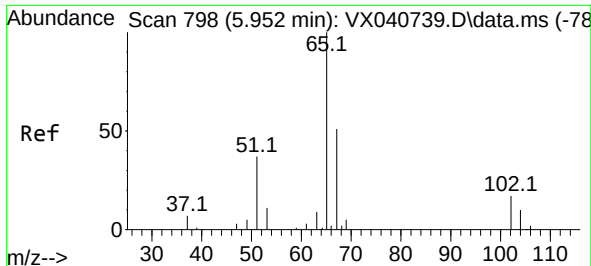
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#32
1,1,1-Trichloroethane
Concen: 49.927 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 97 Resp: 52283
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.795 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 41772

Ion Ratio Lower Upper

65 100

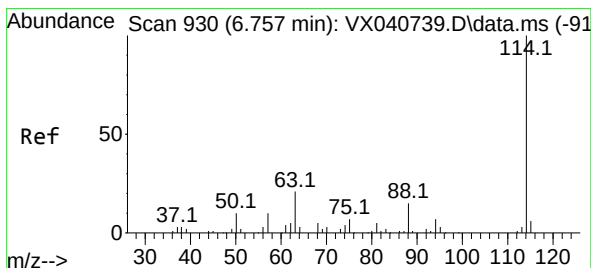
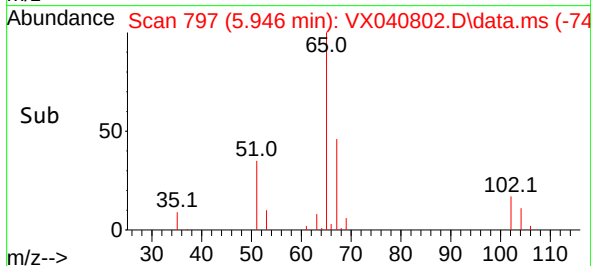
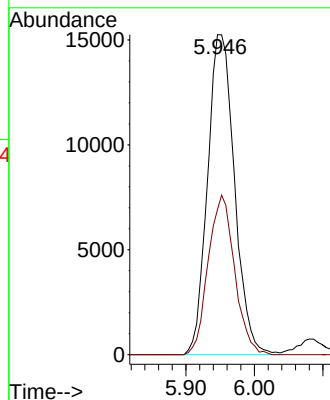
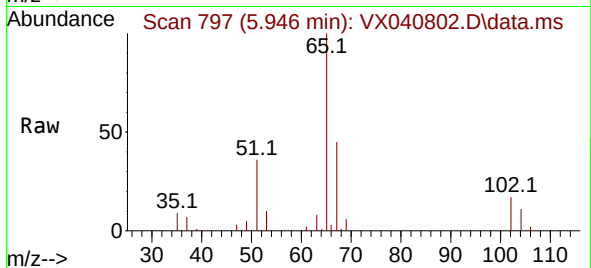
67 48.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

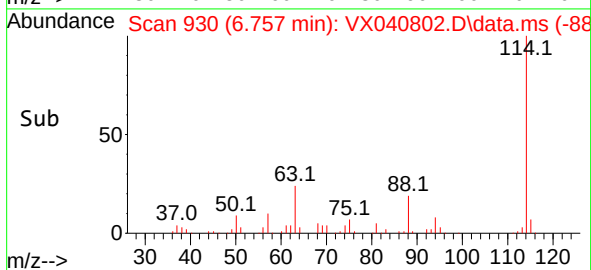
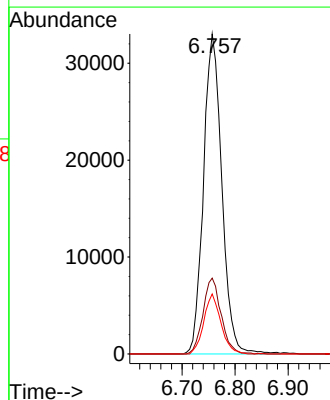
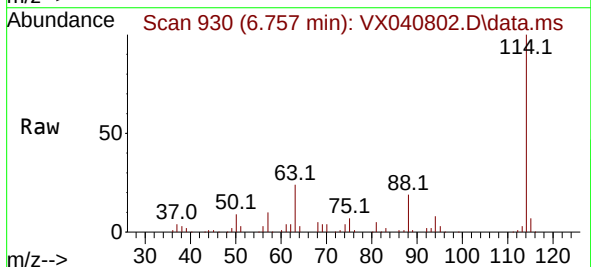
Tgt Ion:114 Resp: 79475

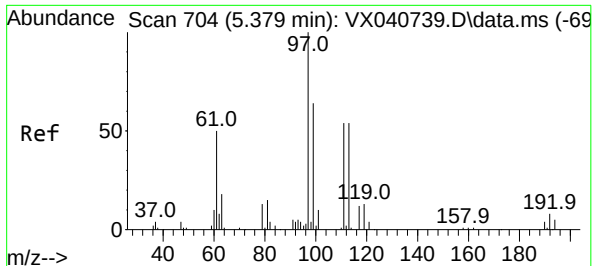
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

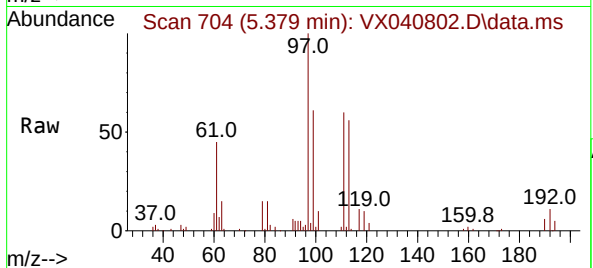
88 18.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.949 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

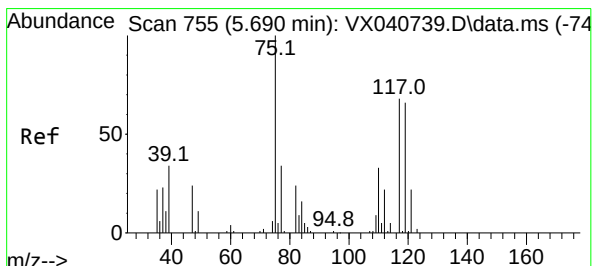
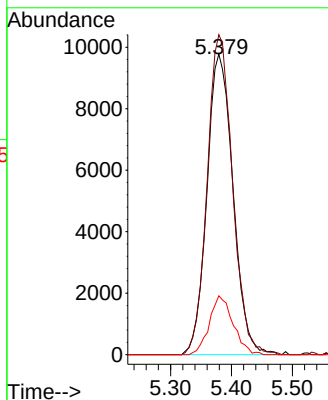
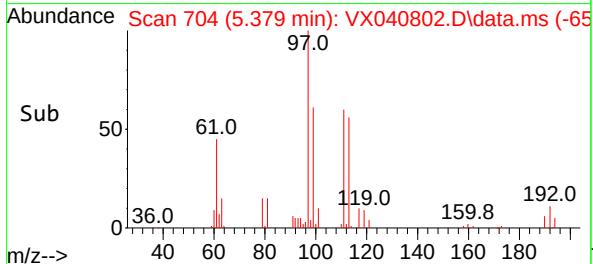
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 29109
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.9 13.3 19.9

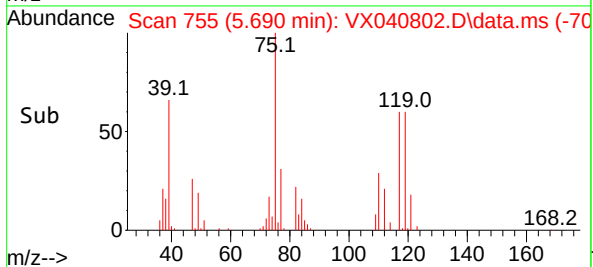
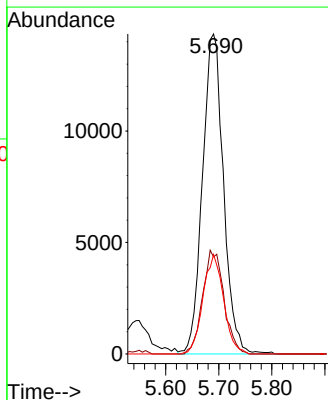
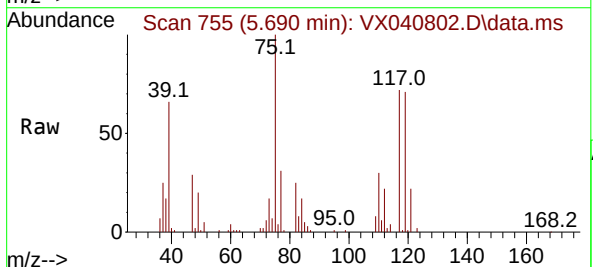
Manual Integrations
APPROVED

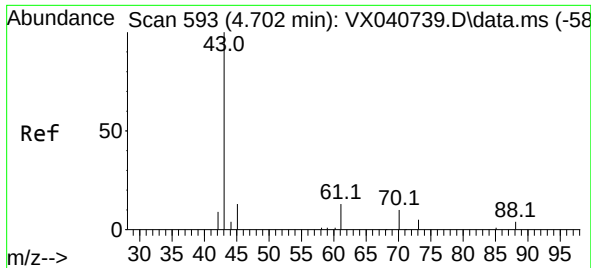
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#36
1,1-Dichloropropene
Concen: 45.184 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

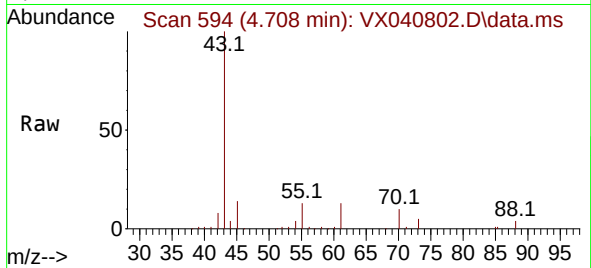
Tgt Ion: 75 Resp: 39563
Ion Ratio Lower Upper
75 100
110 32.8 17.0 50.9
77 30.4 24.7 37.1





#37
Ethyl Acetate
Concen: 47.007 ug/l
RT: 4.708 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

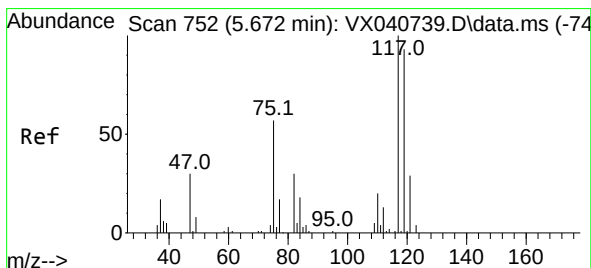
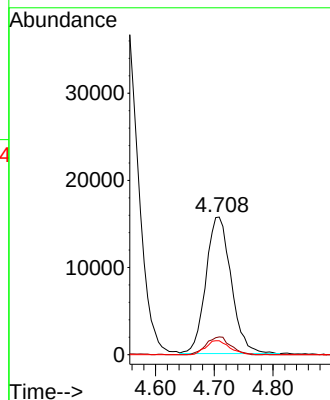
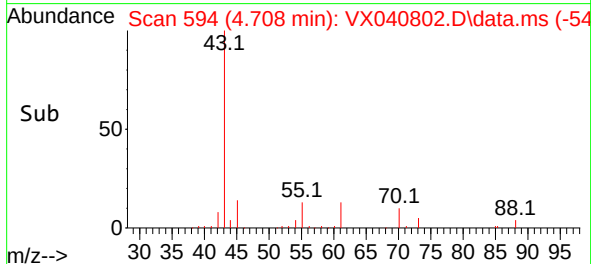
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 46738
Ion Ratio Lower Upper
43 100
61 12.5 10.6 16.0
70 9.7 8.3 12.5

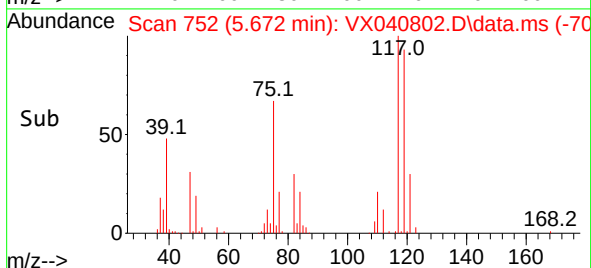
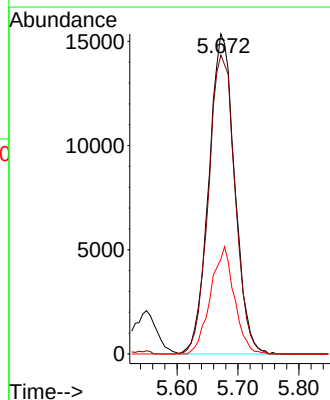
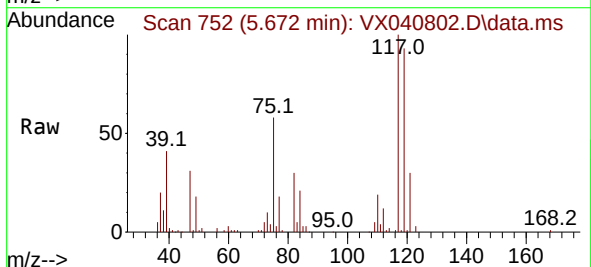
Manual Integrations
APPROVED

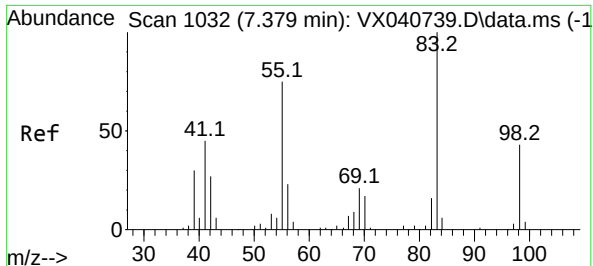
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#38
Carbon Tetrachloride
Concen: 45.959 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion:117 Resp: 45294
Ion Ratio Lower Upper
117 100
119 93.3 78.2 117.2
121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 47.359 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 45940

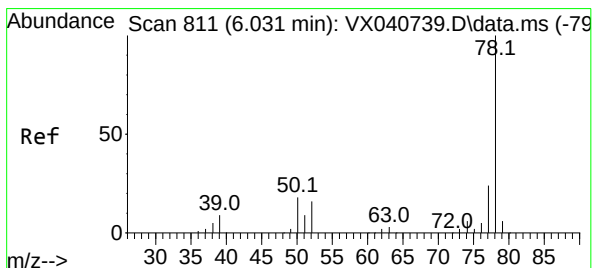
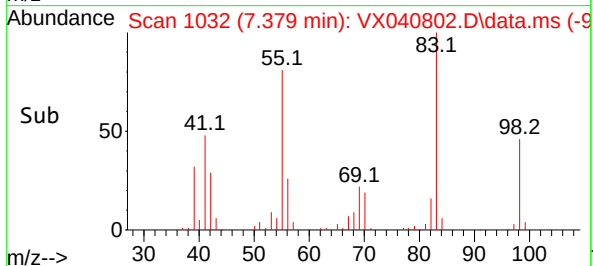
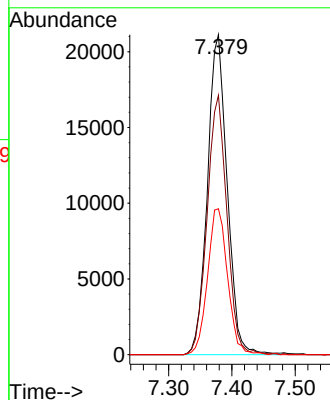
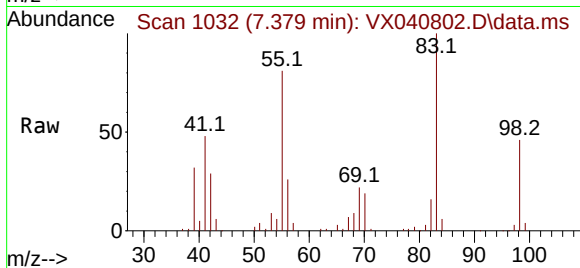
Ion	Ratio	Lower	Upper
83	100		
55	81.0	64.6	97.0
98	45.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#40

Benzene

Concen: 45.705 ug/l

RT: 6.037 min Scan# 812

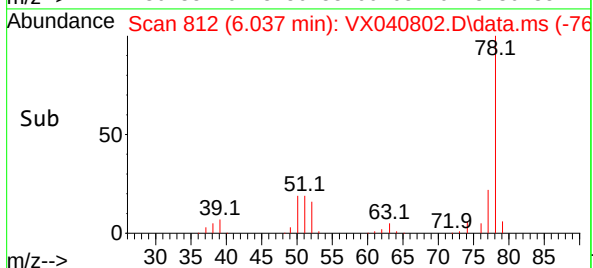
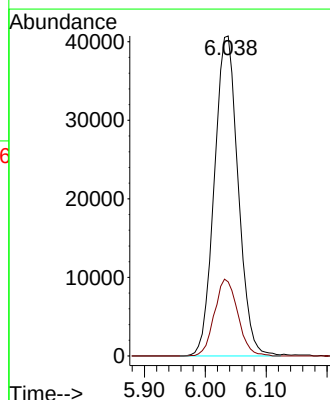
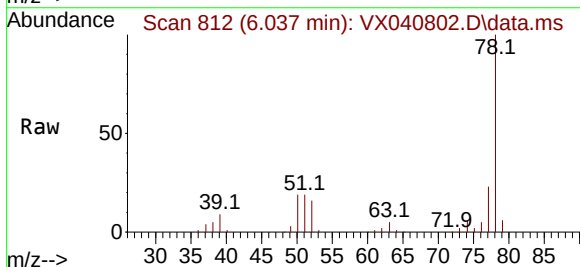
Delta R.T. 0.006 min

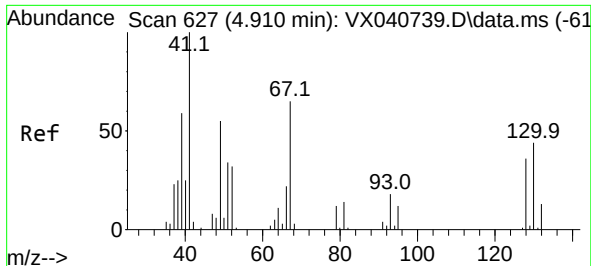
Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion: 78 Resp: 110507

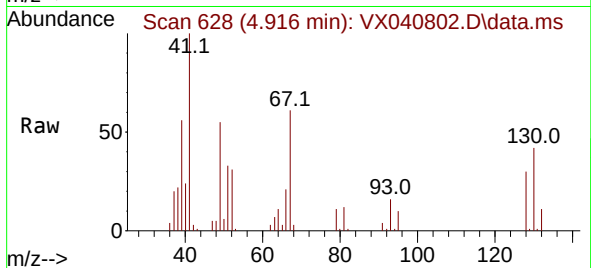
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41
Methacrylonitrile
Concen: 50.513 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

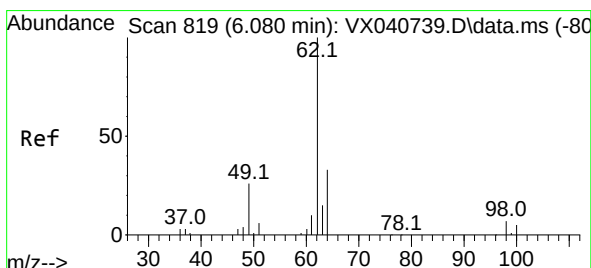
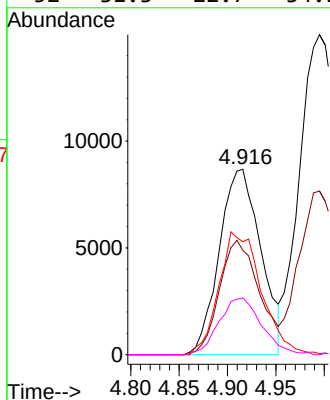
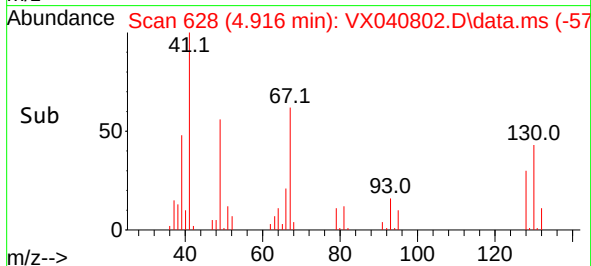
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2597
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 67.6 52.6 78.8
52 31.3 22.7 34.1

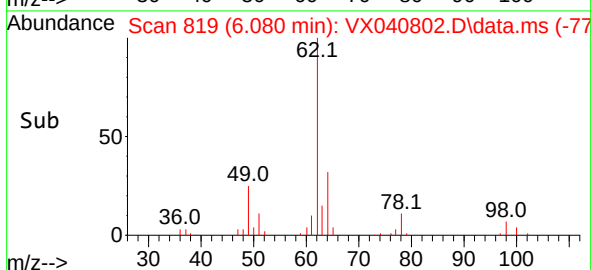
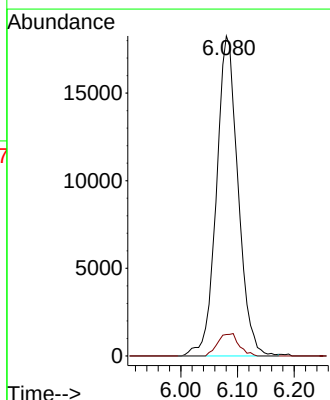
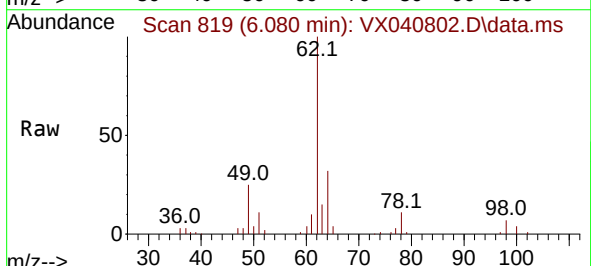
Manual Integrations
APPROVED

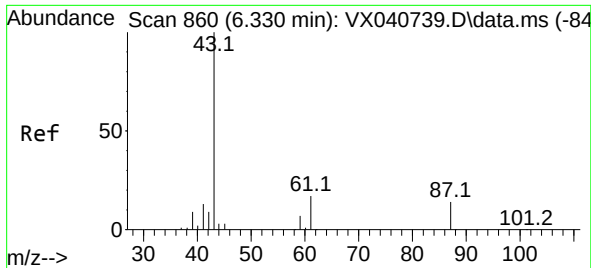
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#42
1,2-Dichloroethane
Concen: 49.476 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

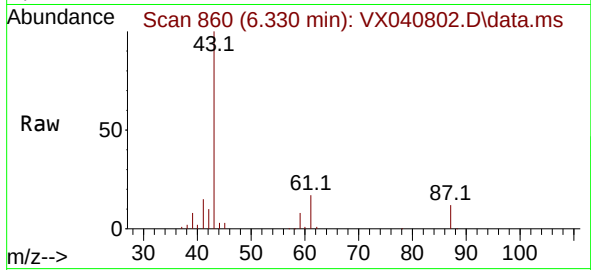
Tgt Ion: 62 Resp: 48406
Ion Ratio Lower Upper
62 100
98 6.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.960 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

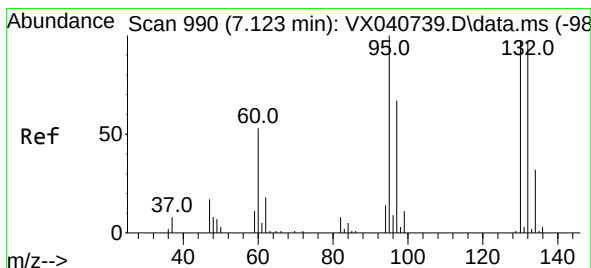
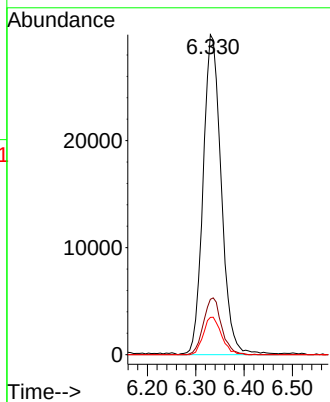
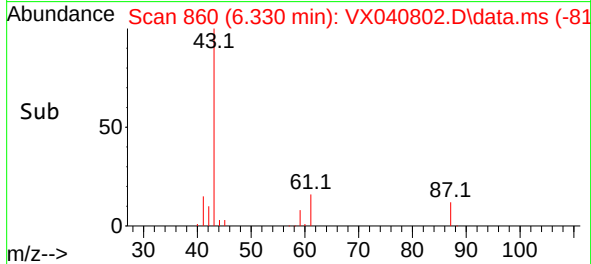
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



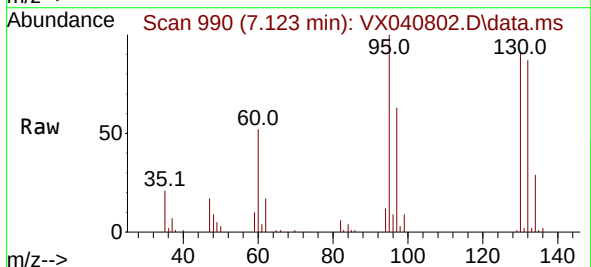
Tgt Ion: 43 Resp: 7800
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 11.6 9.8 14.6

Manual Integrations
APPROVED

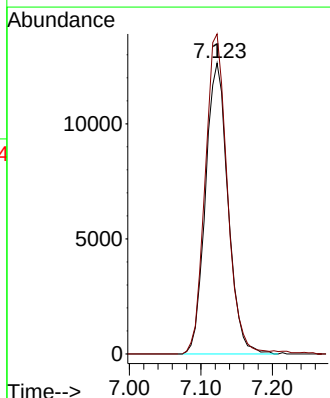
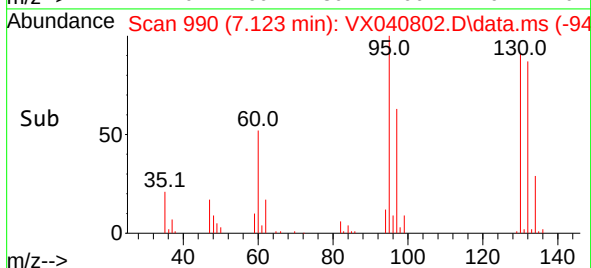
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

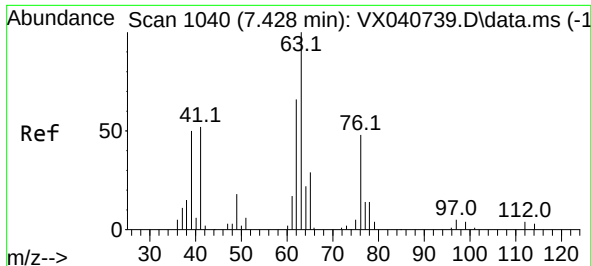


#44
Trichloroethene
Concen: 47.695 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion:130 Resp: 27640
Ion Ratio Lower Upper
130 100
95 110.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.164 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 28450

Ion Ratio Lower Upper

63 100

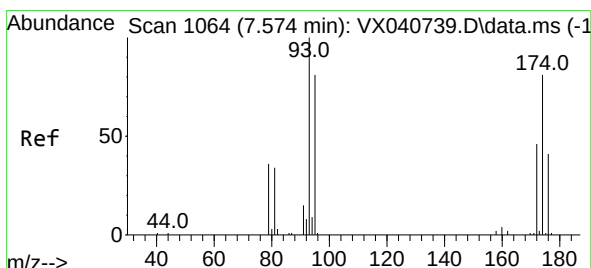
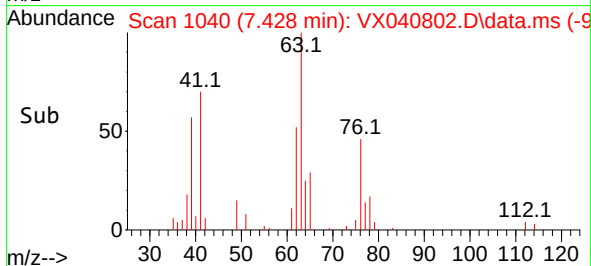
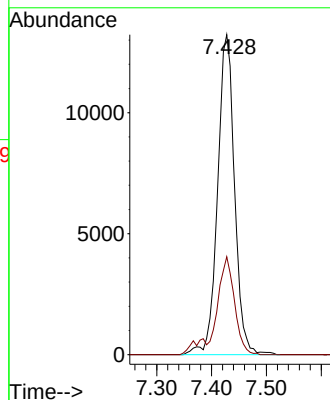
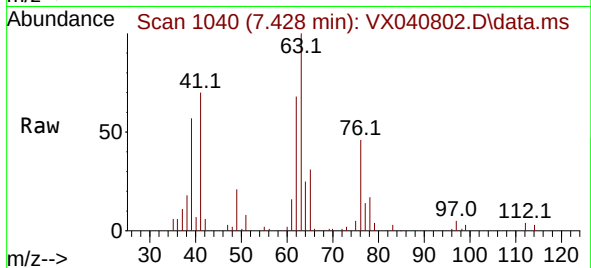
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#46

Dibromomethane

Concen: 50.263 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

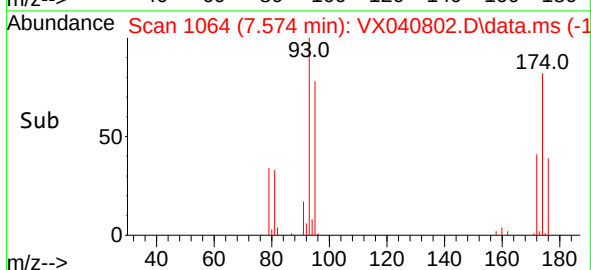
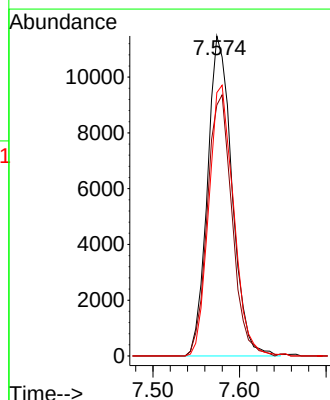
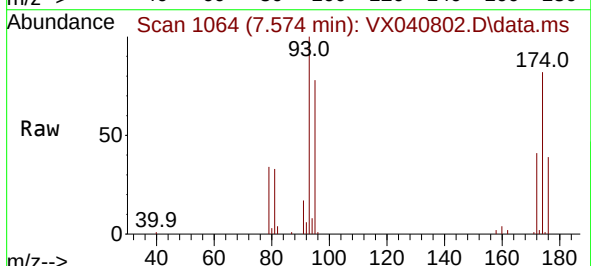
Tgt Ion: 93 Resp: 22582

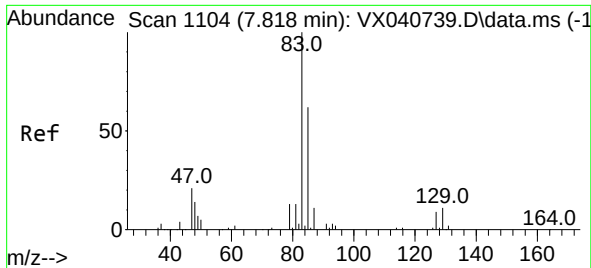
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

174 85.6 69.4 104.0





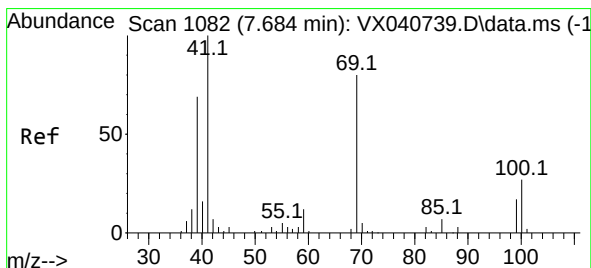
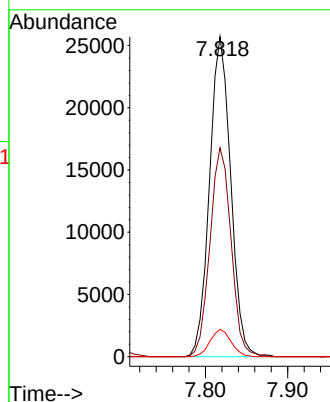
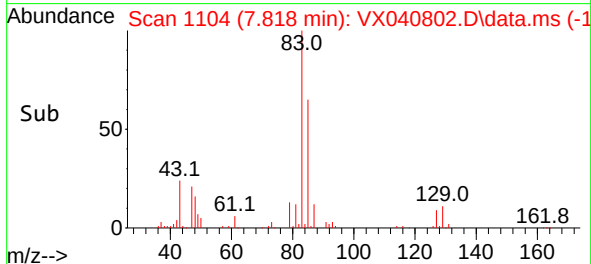
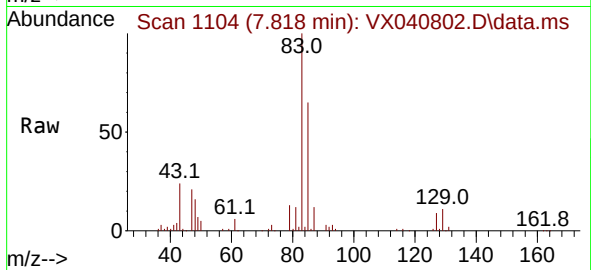
#47
Bromodichloromethane
Concen: 50.167 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 46054
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 8.5 7.1 10.7

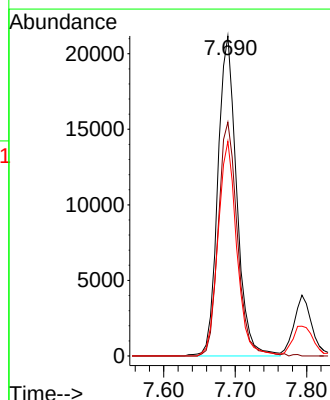
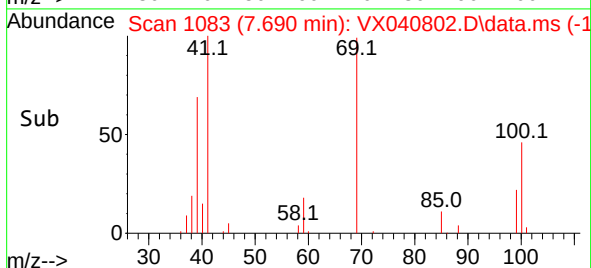
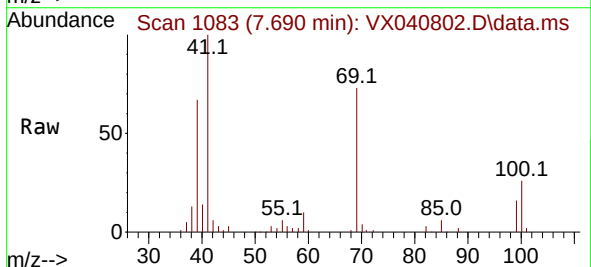
Manual Integrations
APPROVED

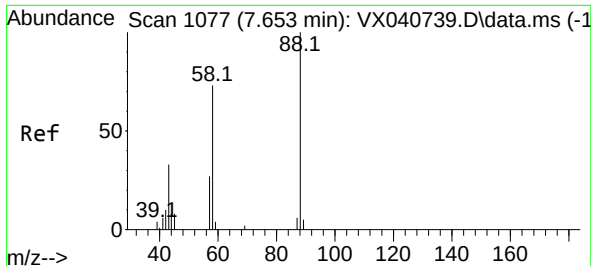
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#48
Methyl methacrylate
Concen: 54.259 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 41 Resp: 38720
Ion Ratio Lower Upper
41 100
69 74.0 59.2 88.8
39 67.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1017.809 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 12258

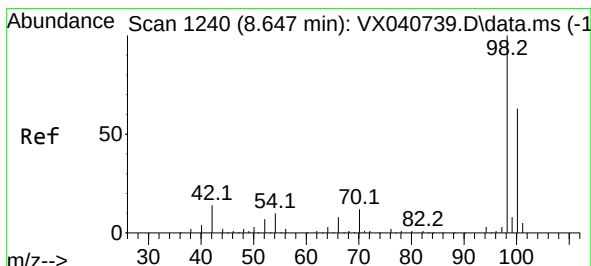
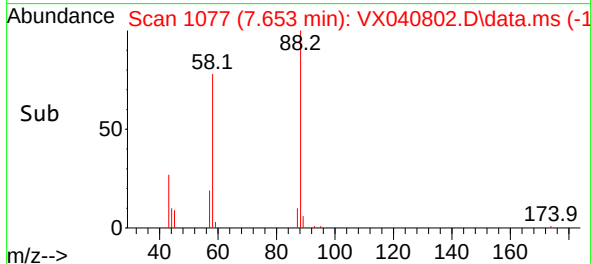
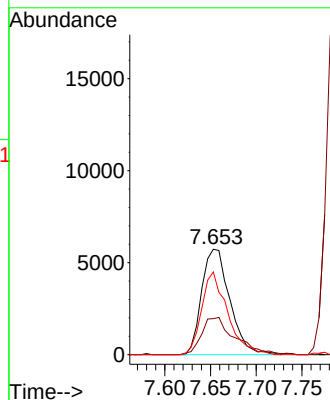
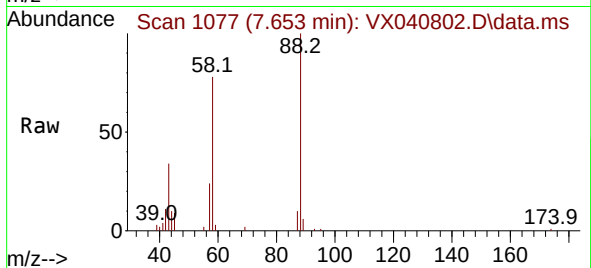
Ion	Ratio	Lower	Upper
88	100		
43	41.8	0.0	0.0
58	72.1	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#50

Toluene-d8

Concen: 49.909 ug/l

RT: 8.647 min Scan# 1240

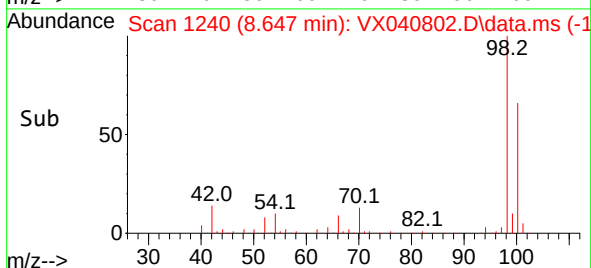
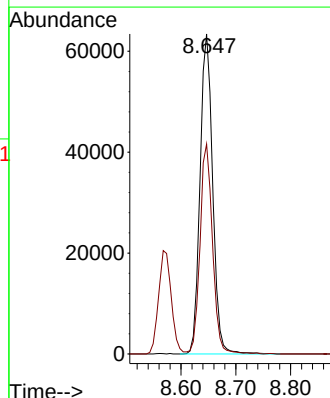
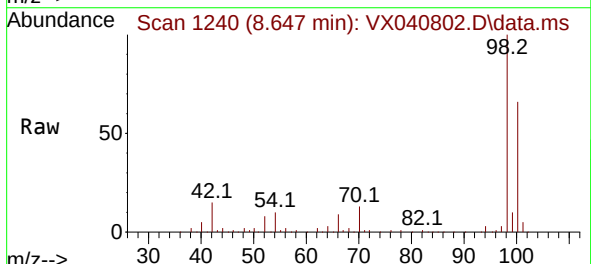
Delta R.T. -0.000 min

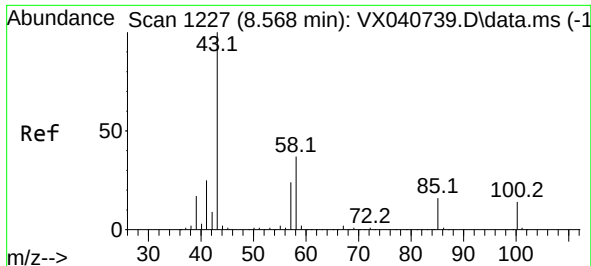
Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion: 98 Resp: 101626

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 259.064 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 25084

Ion Ratio Lower Upper

43 100

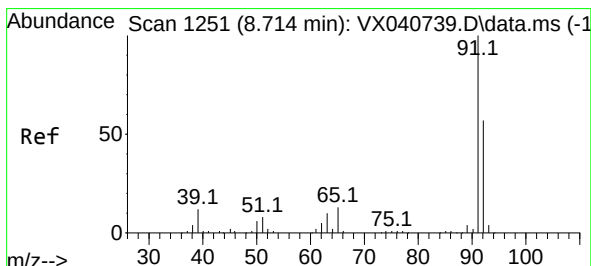
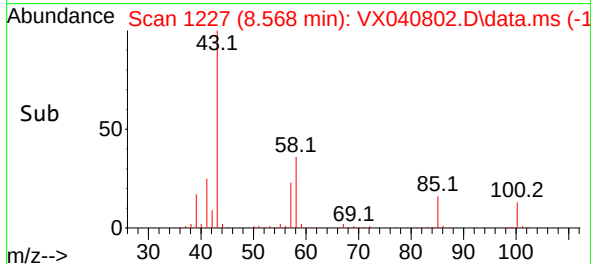
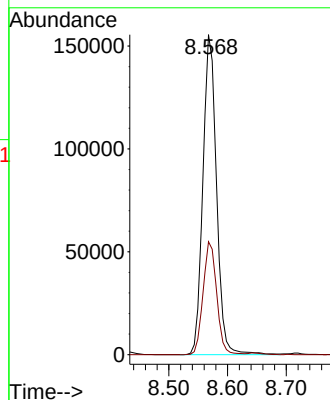
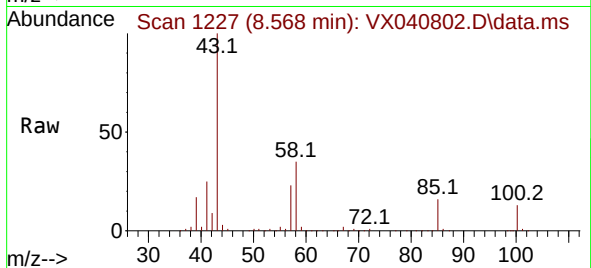
58 35.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#52

Toluene

Concen: 48.317 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX040802.D

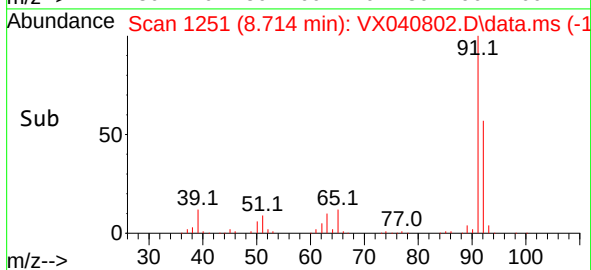
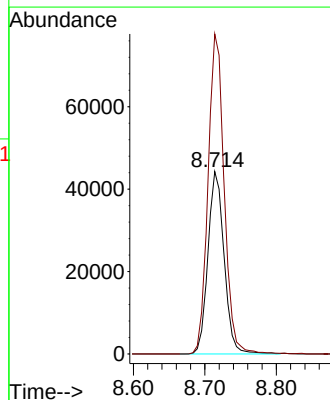
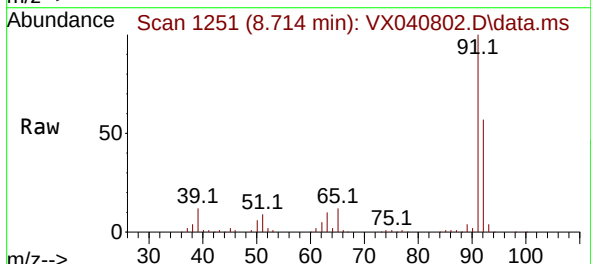
Acq: 27 Mar 2024 10:55

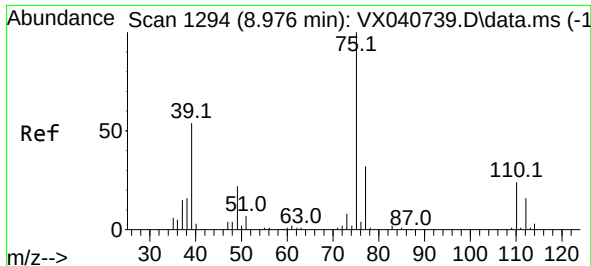
Tgt Ion: 92 Resp: 69671

Ion Ratio Lower Upper

92 100

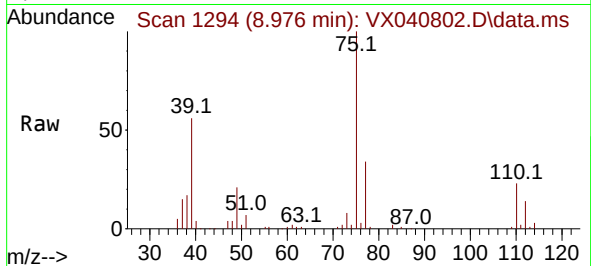
91 175.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 46.970 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

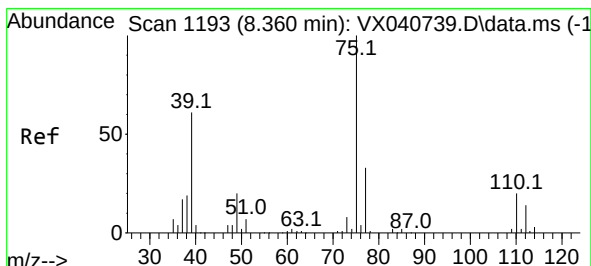
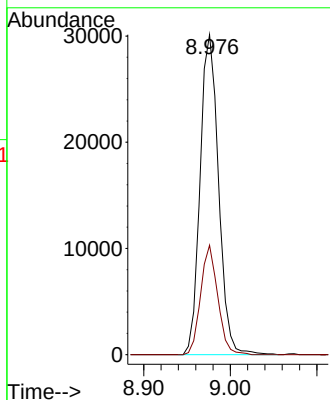
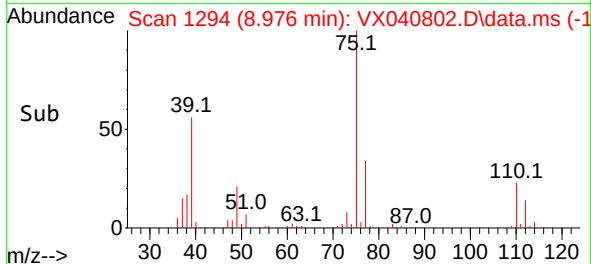
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



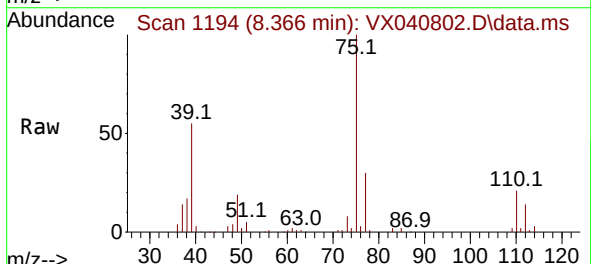
Tgt Ion: 75 Resp: 4460
Ion Ratio Lower Upper
75 100
77 34.2 25.7 38.5

Manual Integrations
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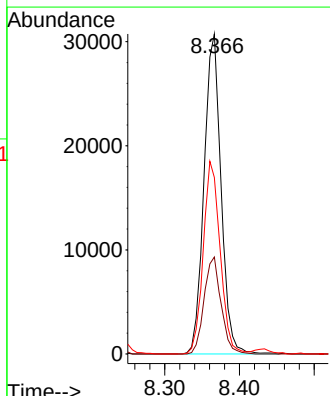
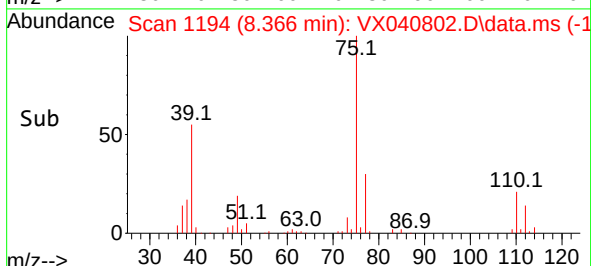
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

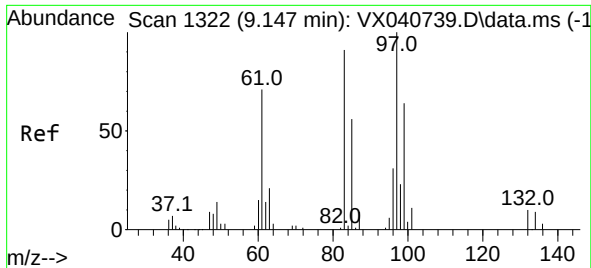


#54
cis-1,3-Dichloropropene
Concen: 49.444 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion: 75 Resp: 48561
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 55.1 46.7 70.1





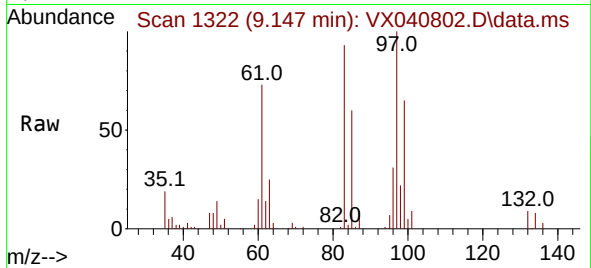
#55
1,1,2-Trichloroethane
Concen: 46.312 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 2719

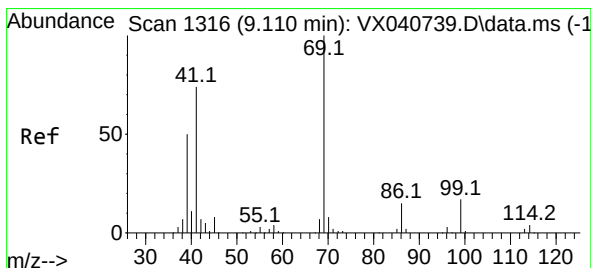
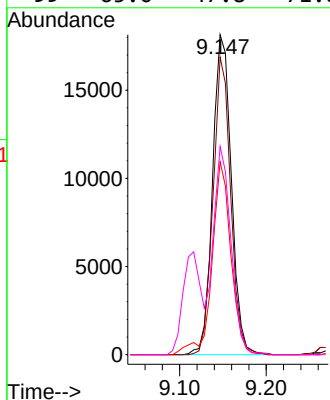
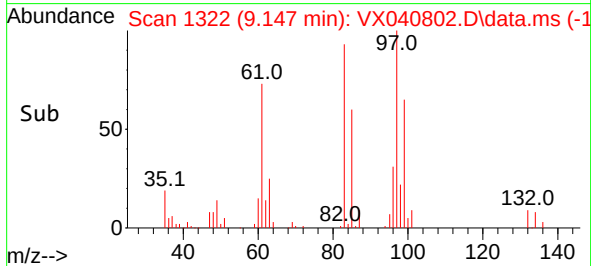
Ion	Ratio	Lower	Upper
97	100		
83	93.0	65.8	98.8
85	60.3	41.6	62.4
99	65.0	47.8	71.8

Manual Integrations

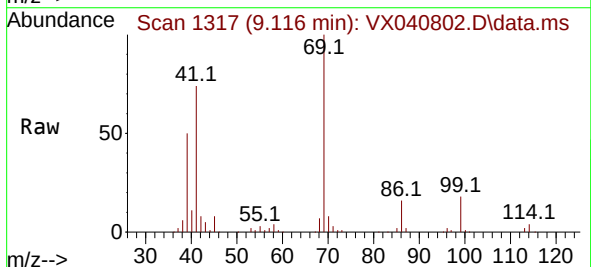
APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024

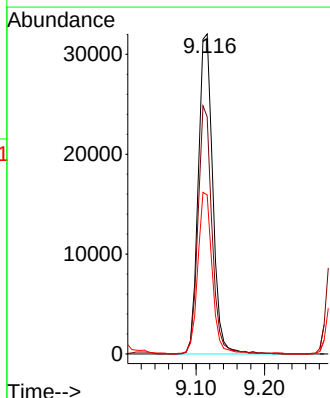
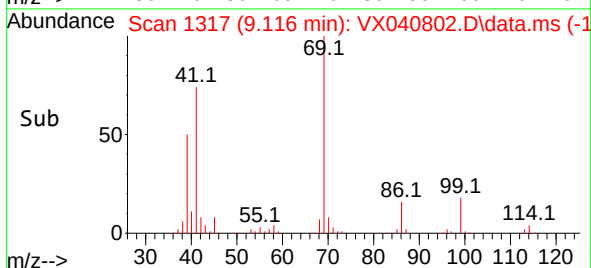


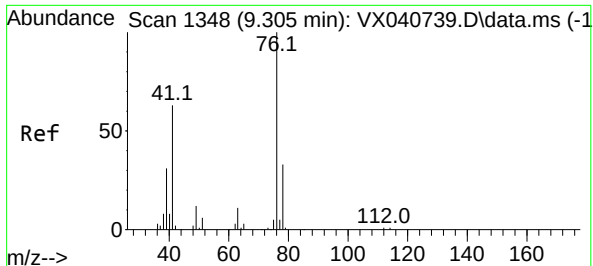
#56
Ethyl methacrylate
Concen: 48.143 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion: 69 Resp: 47254

Ion	Ratio	Lower	Upper
69	100		
41	74.9	56.8	85.2
39	50.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 46.288 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 4638

Ion Ratio Lower Upper

76 100

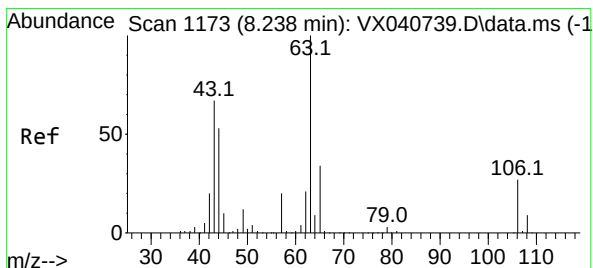
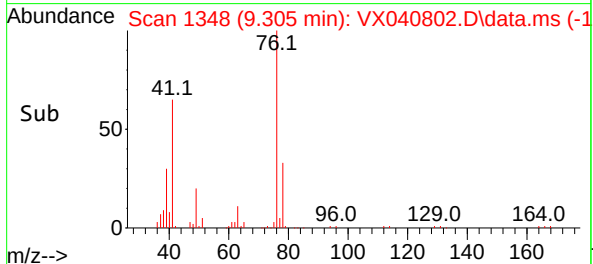
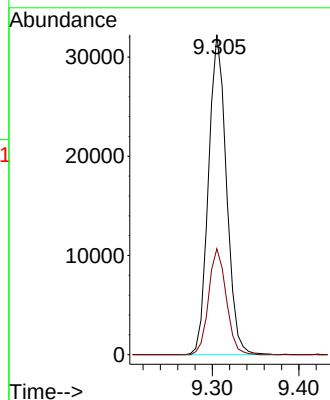
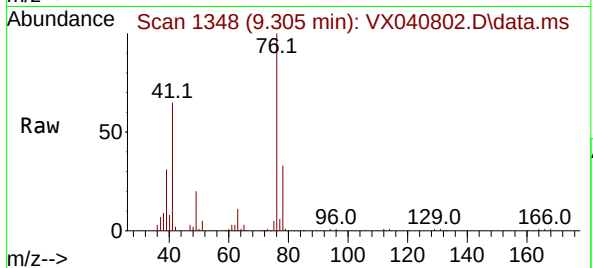
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#58

2-Chloroethyl Vinyl ether

Concen: 247.929 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040802.D

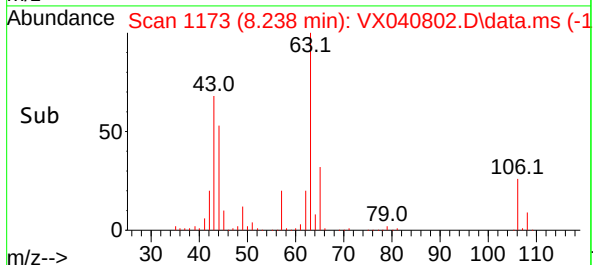
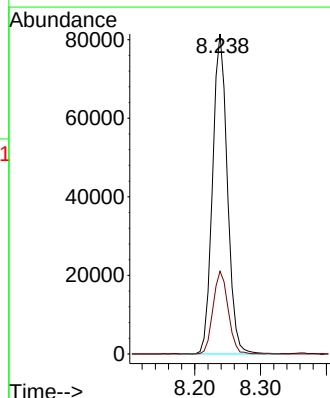
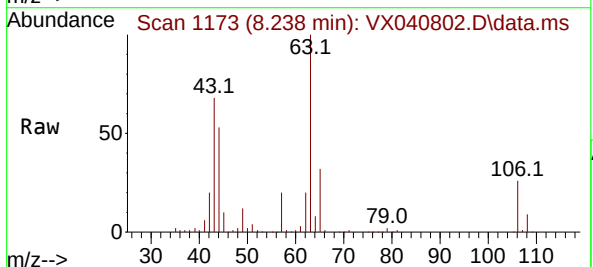
Acq: 27 Mar 2024 10:55

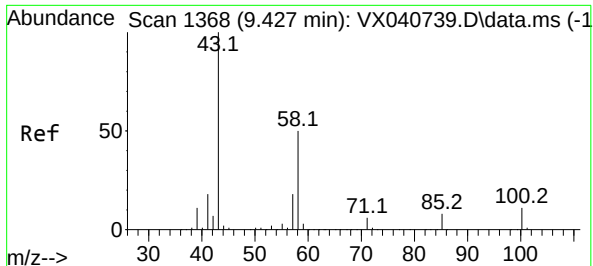
Tgt Ion: 63 Resp: 127716

Ion Ratio Lower Upper

63 100

106 26.2 22.5 33.7





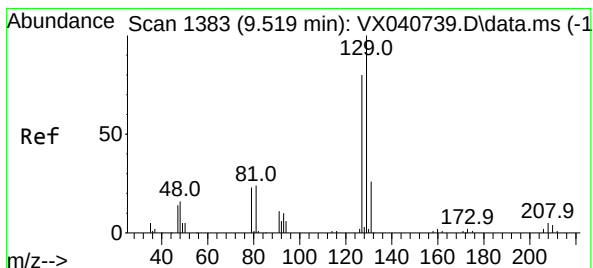
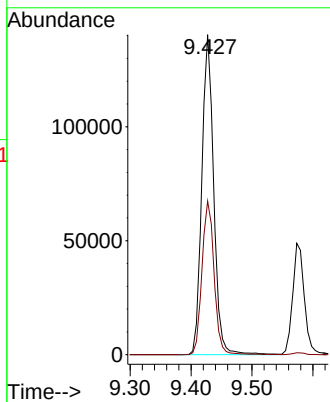
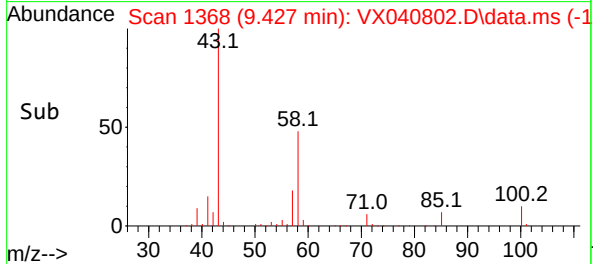
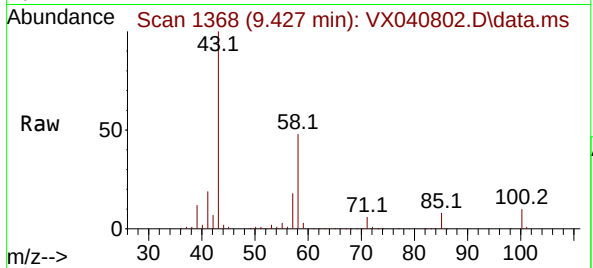
#59
2-Hexanone
Concen: 255.079 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 191320
Ion Ratio Lower Upper
43 100
58 48.9 26.2 78.5

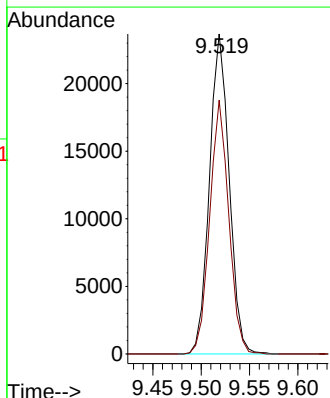
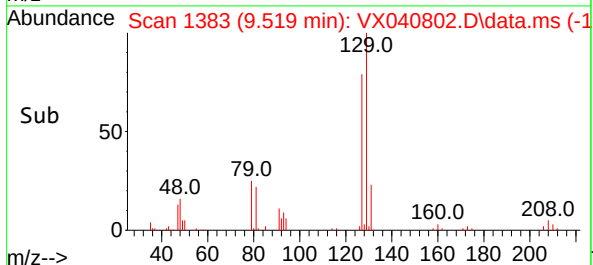
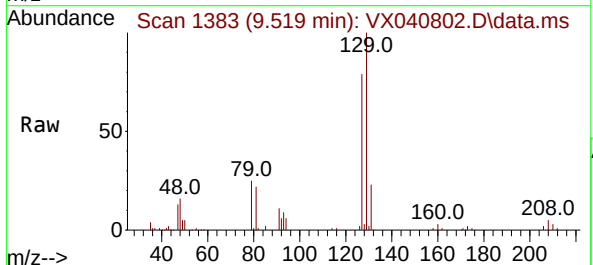
Manual Integrations
APPROVED

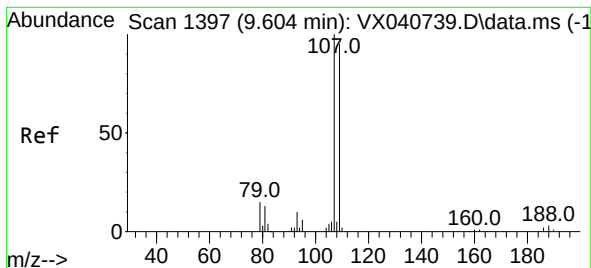
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#60
Dibromochloromethane
Concen: 48.641 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion:129 Resp: 33564
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





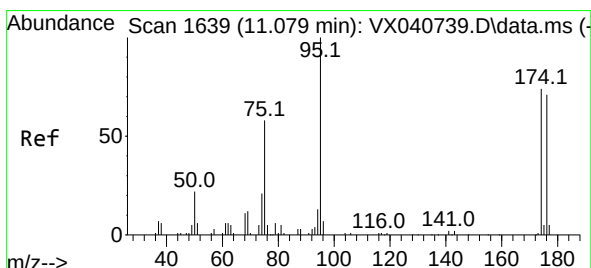
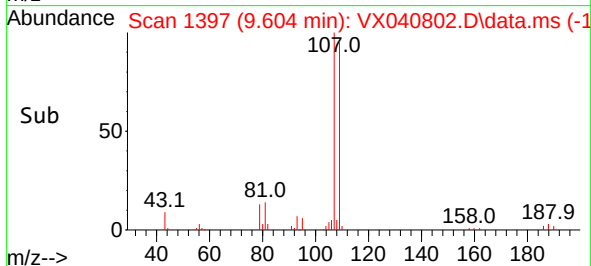
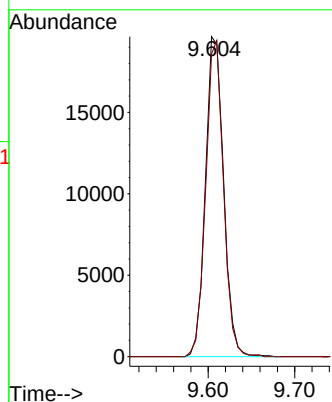
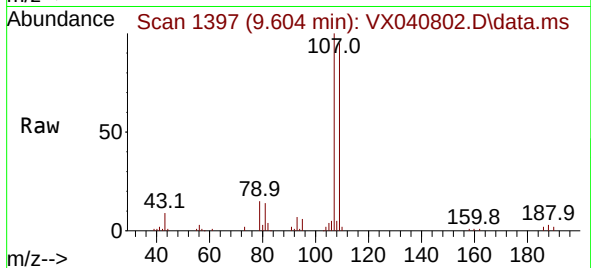
#61
1,2-Dibromoethane
Concen: 46.232 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 2866
Ion Ratio Lower Upper
107 100
109 96.4 75.2 112.8

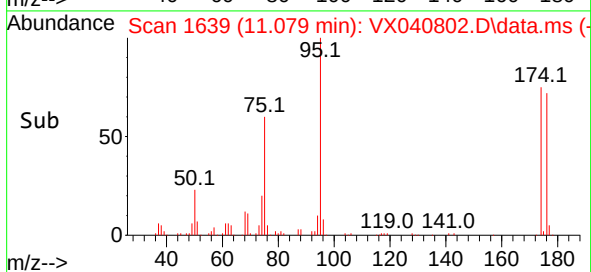
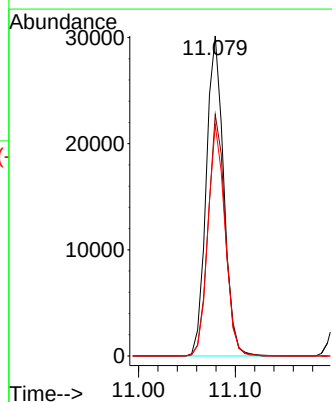
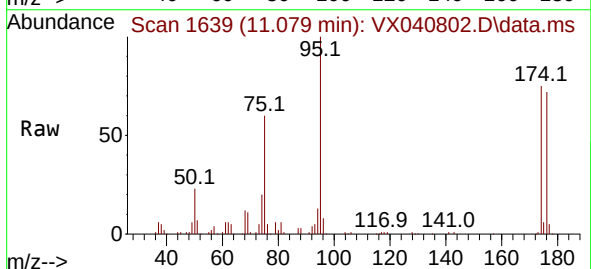
Manual Integrations
APPROVED

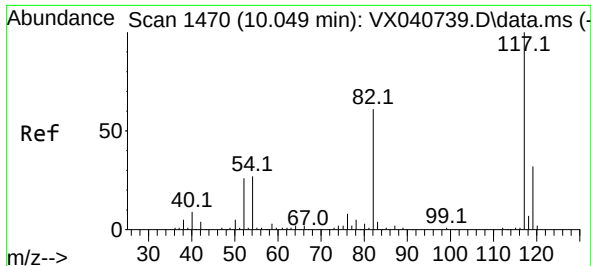
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#62
4-Bromofluorobenzene
Concen: 47.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

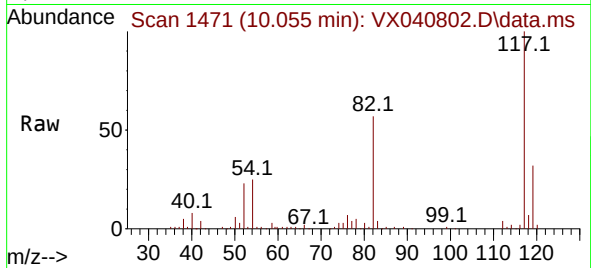
Tgt Ion: 95 Resp: 37856
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

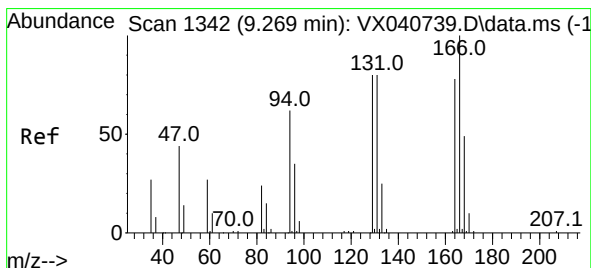
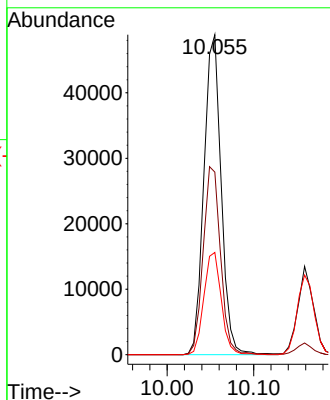
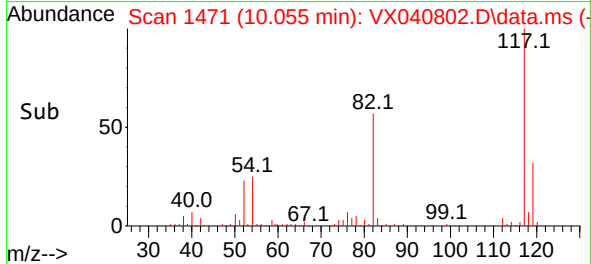
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 67730
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.0 25.5 38.3

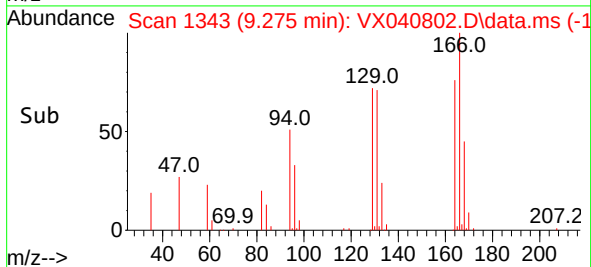
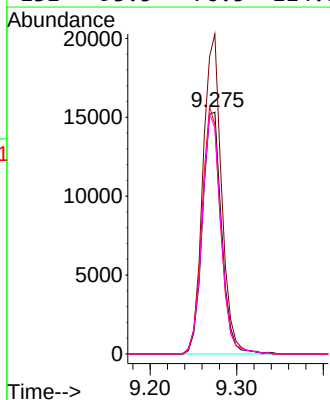
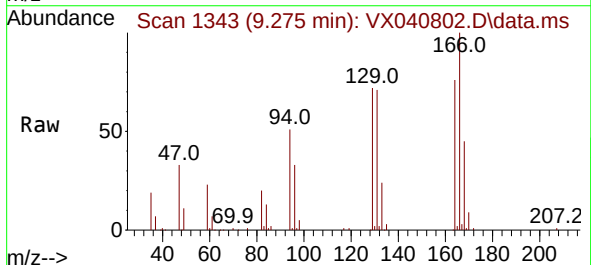
Manual Integrations
APPROVED

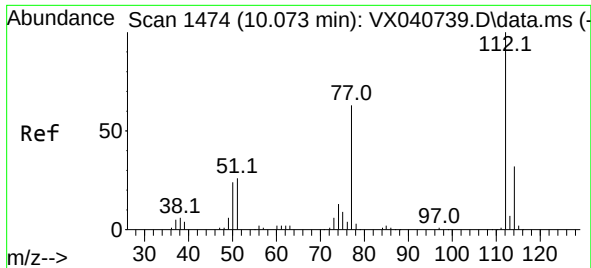
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#64
Tetrachloroethene
Concen: 46.430 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion:164 Resp: 23424
Ion Ratio Lower Upper
164 100
166 132.4 102.7 154.1
129 94.8 80.4 120.6
131 93.5 76.5 114.7





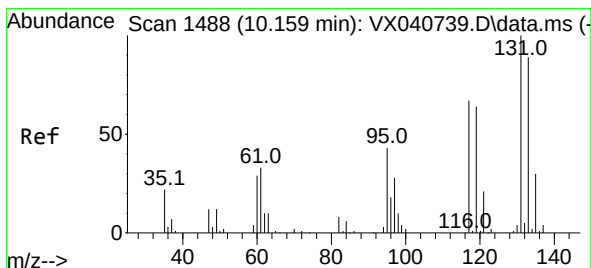
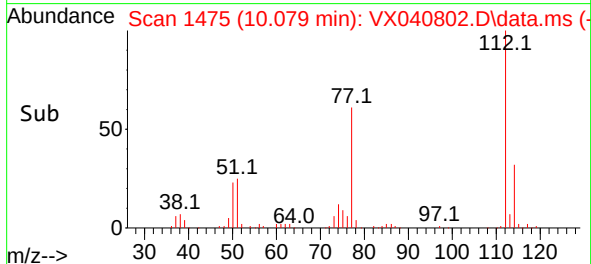
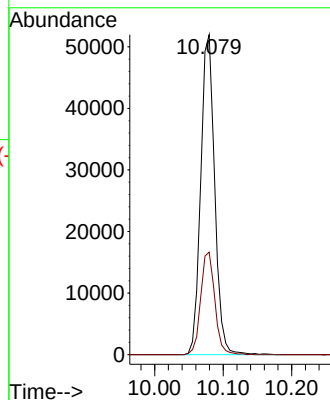
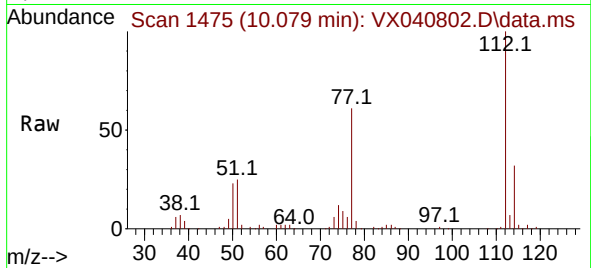
#65
Chlorobenzene
Concen: 48.102 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 73892
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

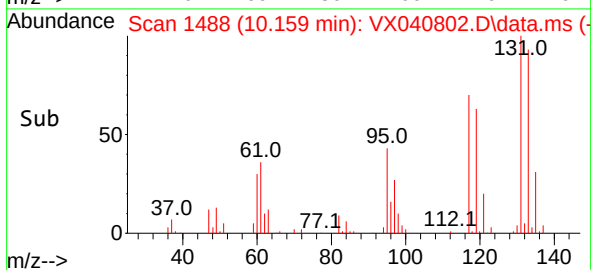
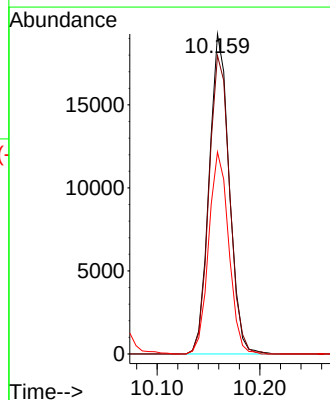
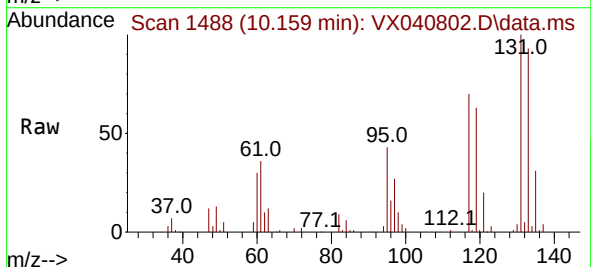
Manual Integrations
APPROVED

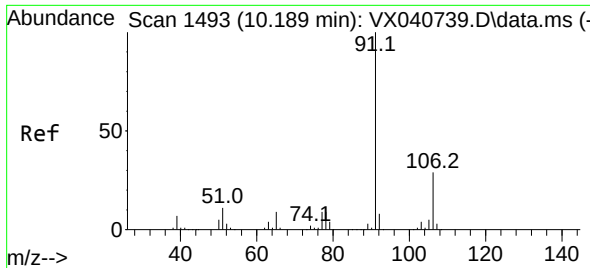
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.091 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

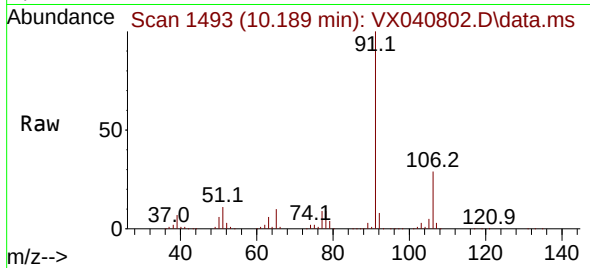
Tgt Ion:131 Resp: 26185
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 62.9 32.2 96.6





#67
Ethyl Benzene
Concen: 48.199 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

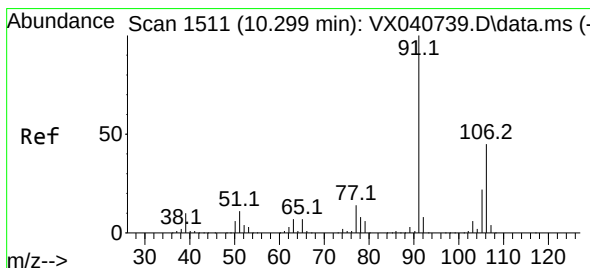
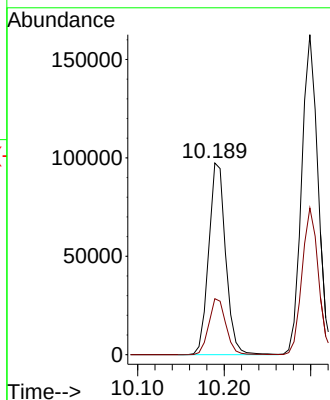
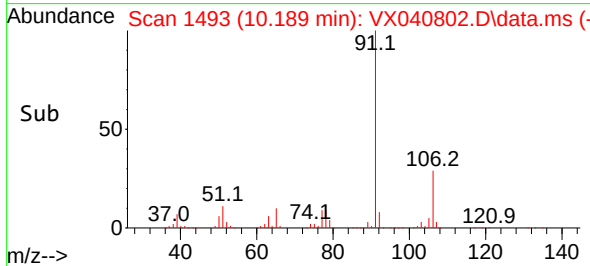
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



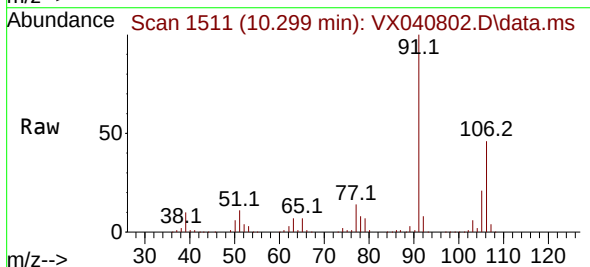
Tgt Ion: 91 Resp: 132600
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

Manual Integrations
APPROVED

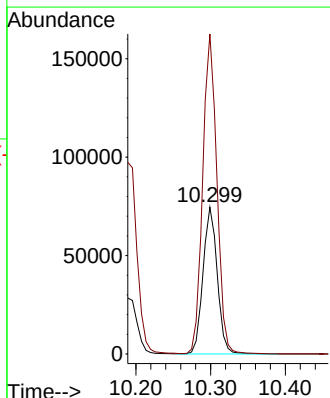
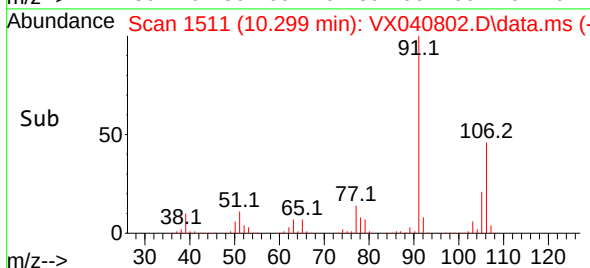
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

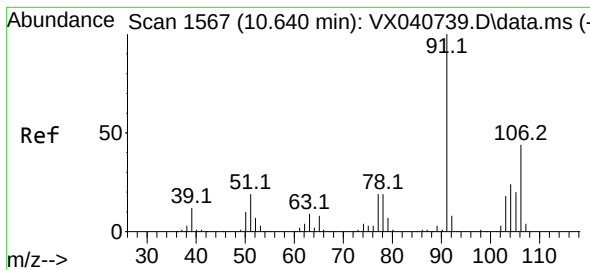


#68
m/p-Xylenes
Concen: 97.959 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion:106 Resp: 98669
Ion Ratio Lower Upper
106 100
91 217.0 165.5 248.3





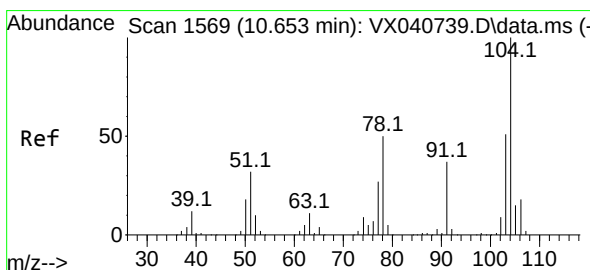
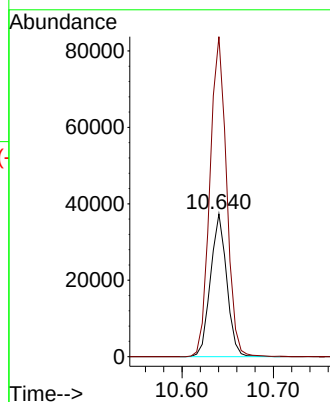
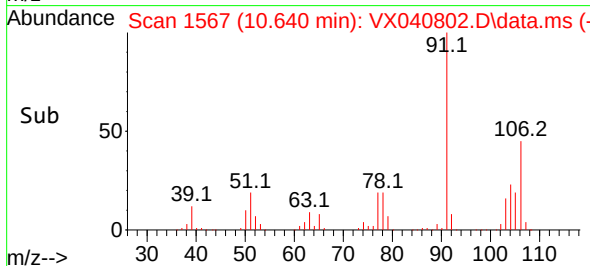
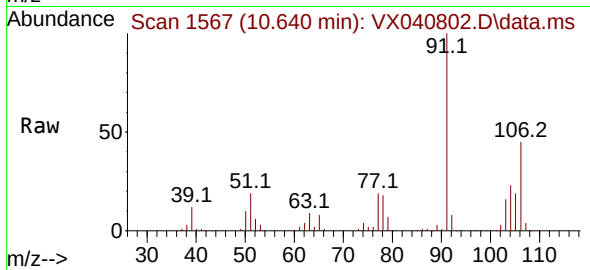
#69
o-Xylene
Concen: 47.666 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 4612
Ion Ratio Lower Upper
106 100
91 230.0 108.9 326.8

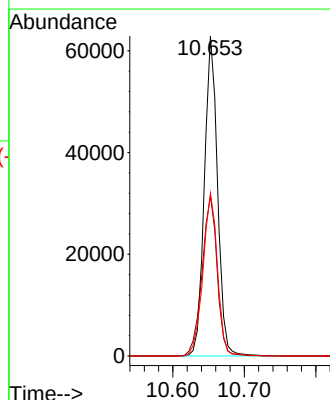
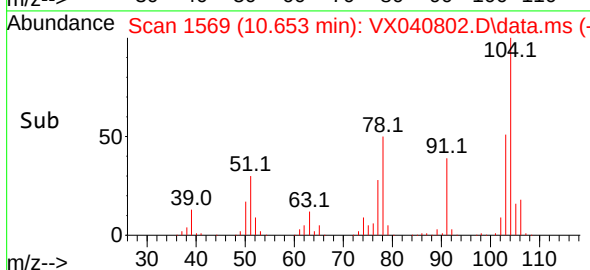
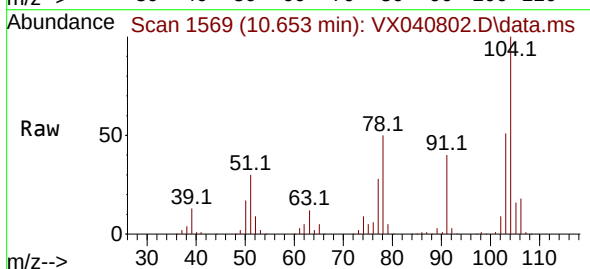
Manual Integrations
APPROVED

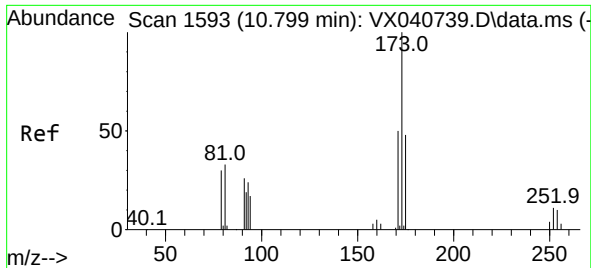
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#70
Styrene
Concen: 49.818 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

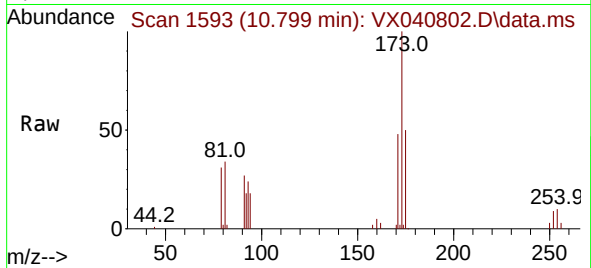
Tgt Ion:104 Resp: 80697
Ion Ratio Lower Upper
104 100
78 57.0 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 51.469 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

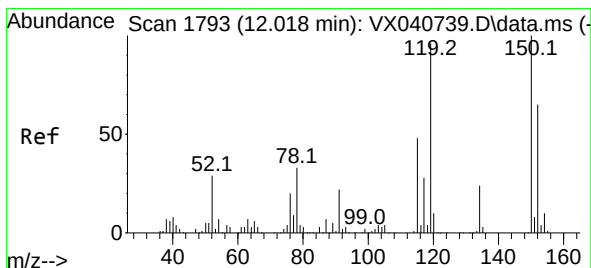
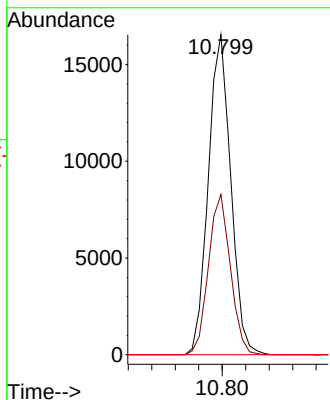
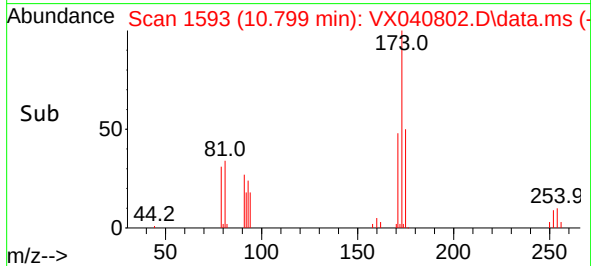
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



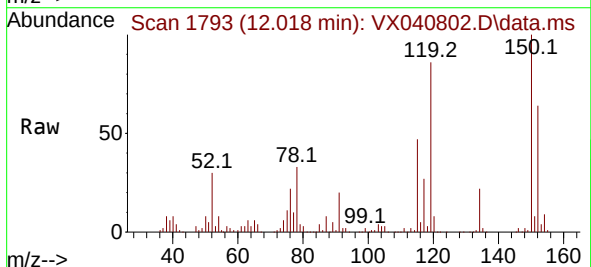
Tgt Ion:173 Resp: 21975
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

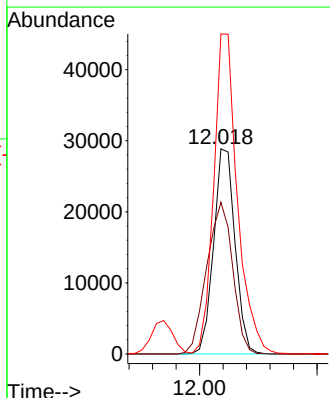
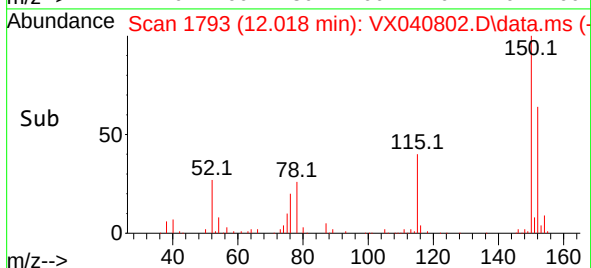
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

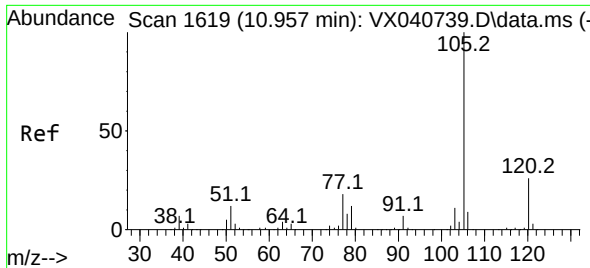


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion:152 Resp: 36591
Ion Ratio Lower Upper
152 100
115 89.3 43.3 129.9
150 172.3 0.0 345.0





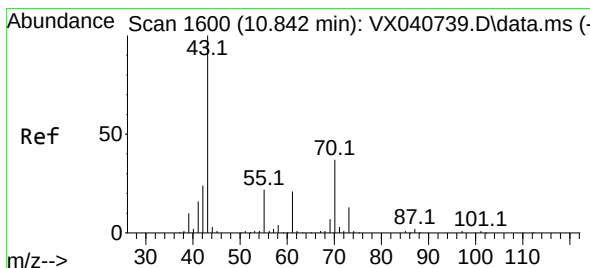
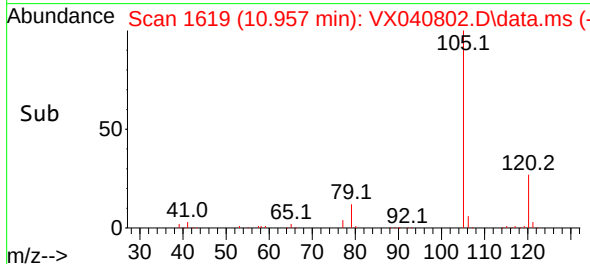
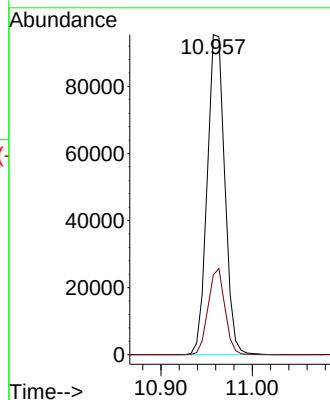
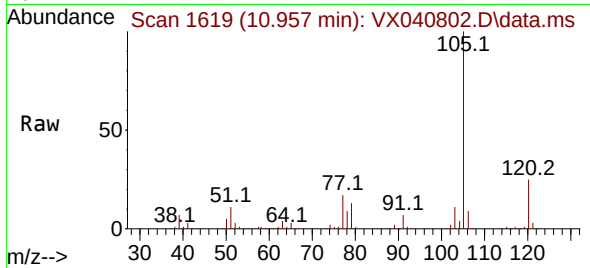
#73
Isopropylbenzene
Concen: 45.658 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 126760
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6

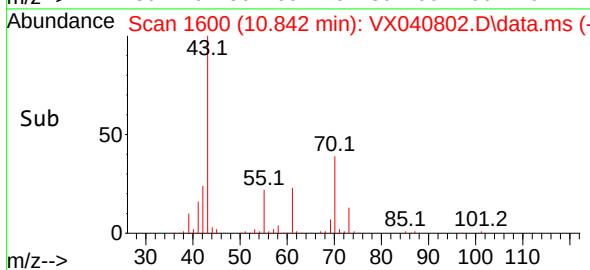
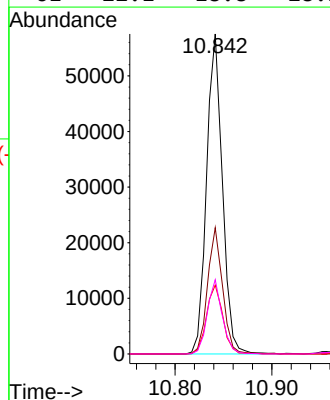
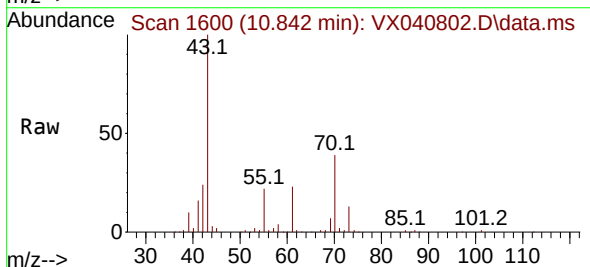
Manual Integrations
APPROVED

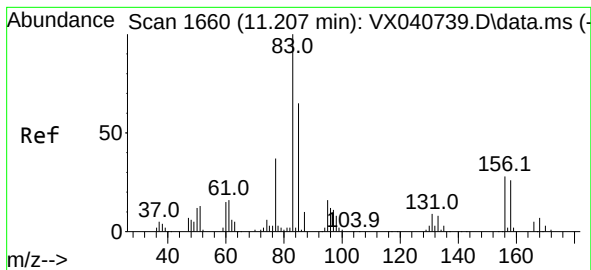
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#74
N-ethyl acetate
Concen: 47.986 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 43 Resp: 65596
Ion Ratio Lower Upper
43 100
70 37.5 32.9 49.3
55 22.3 19.3 28.9
61 22.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.313 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

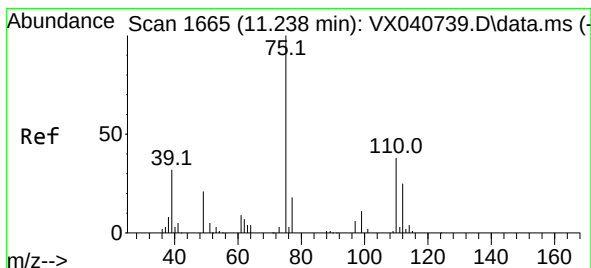
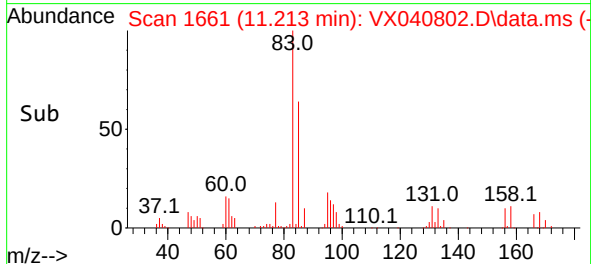
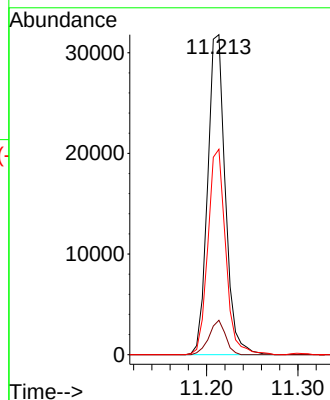
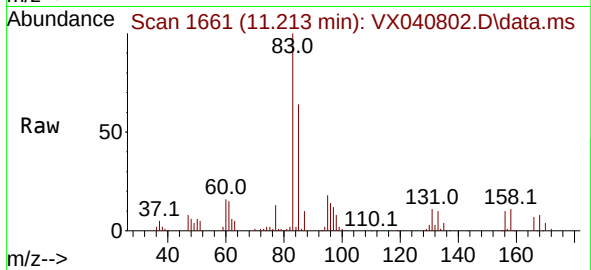
Tgt Ion: 83 Resp: 42590
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 15.8
 85 64.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#76

1,2,3-Trichloropropane

Concen: 47.474 ug/l m

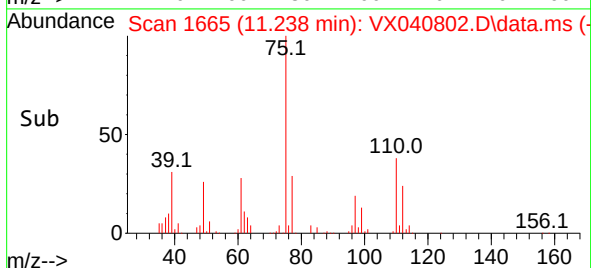
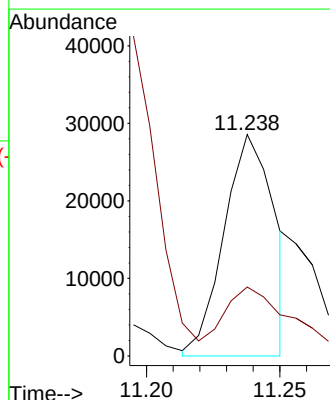
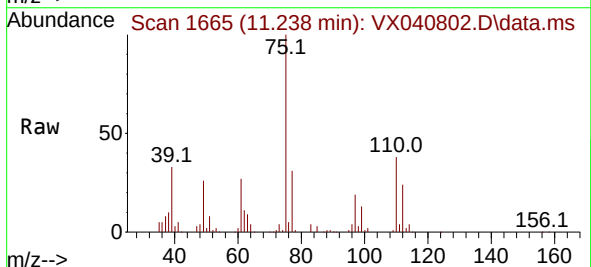
RT: 11.238 min Scan# 1665

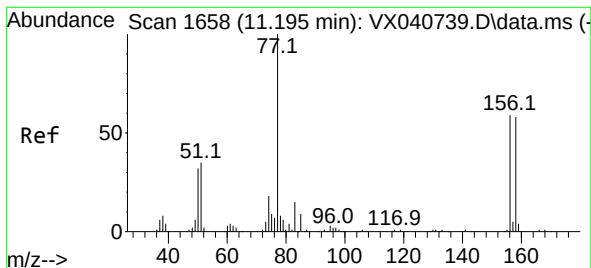
Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion: 75 Resp: 37361
 Ion Ratio Lower Upper
 75 100
 77 42.7 19.1 57.5





#77

Bromobenzene

Concen: 45.645 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

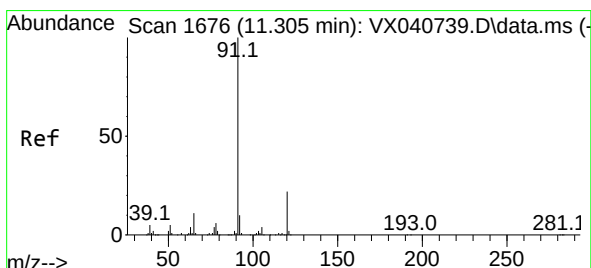
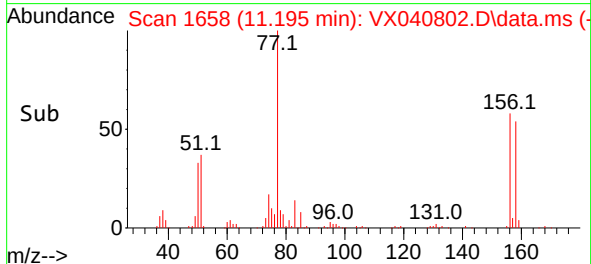
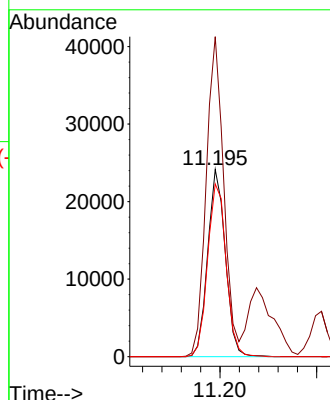
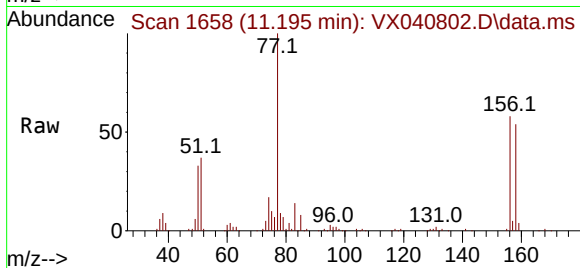
Tgt Ion:	156	Resp:	30679
Ion Ratio	Lower	Upper	
156	100		
77	170.1	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#78

n-propylbenzene

Concen: 46.278 ug/l

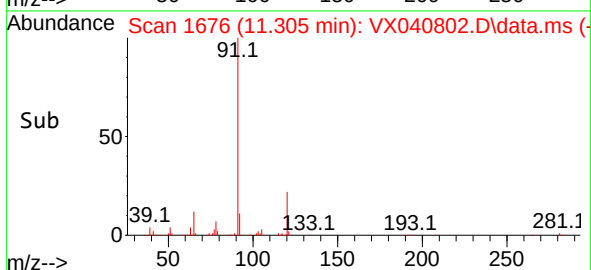
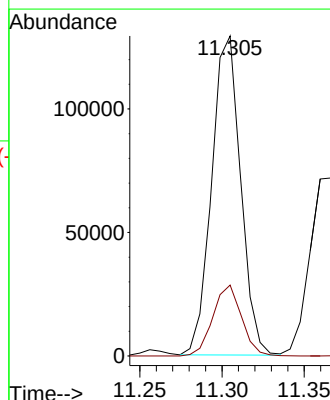
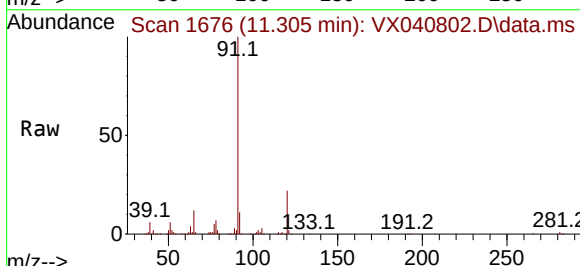
RT: 11.305 min Scan# 1676

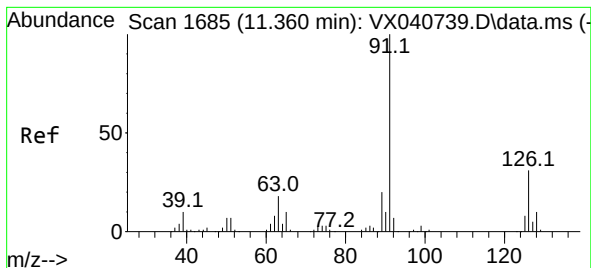
Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion:	91	Resp:	158424
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





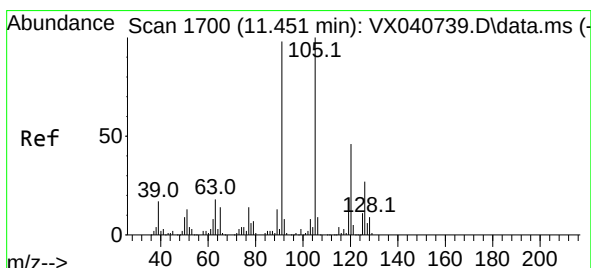
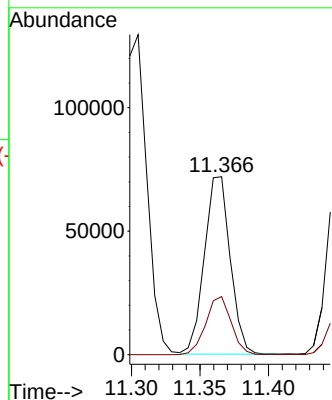
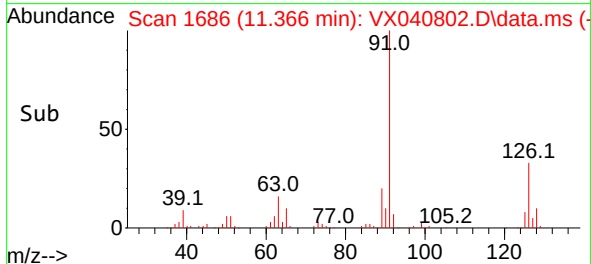
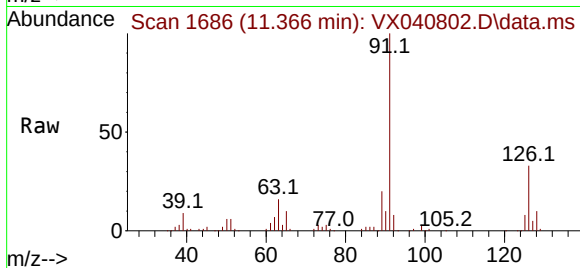
#79
2-Chlorotoluene
Concen: 47.809 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 94438
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

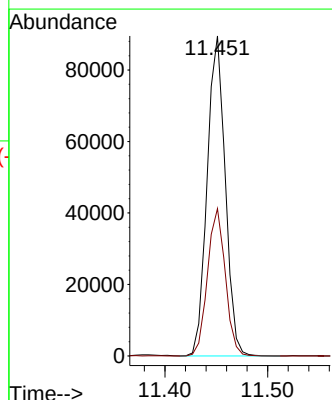
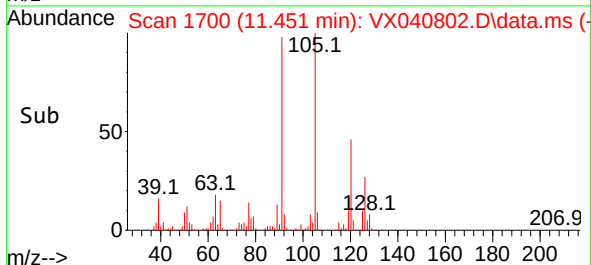
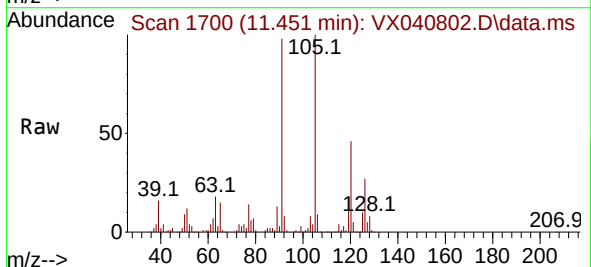
Manual Integrations
APPROVED

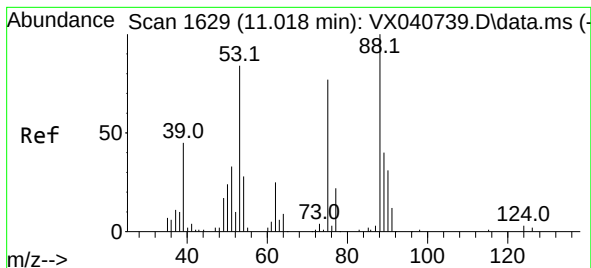
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 47.150 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion:105 Resp: 109742
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





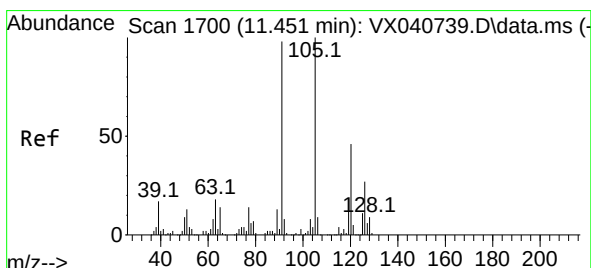
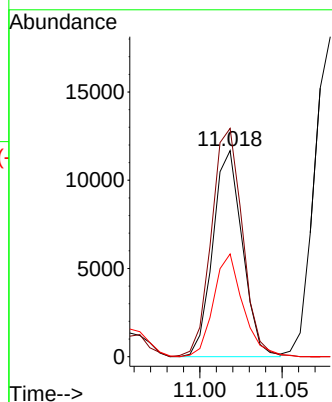
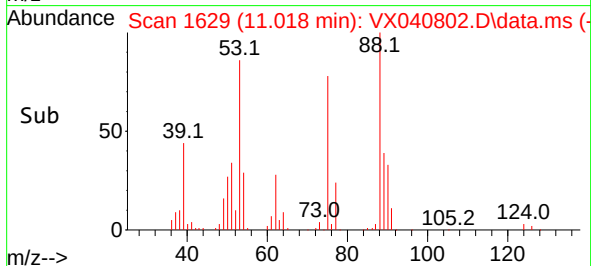
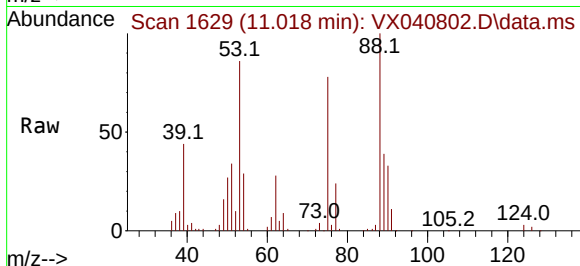
#81
trans-1,4-Dichloro-2-butene
Concen: 46.968 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 1461
Ion Ratio Lower Upper
75 100
53 116.1 90.5 135.7
89 49.7 36.9 55.3

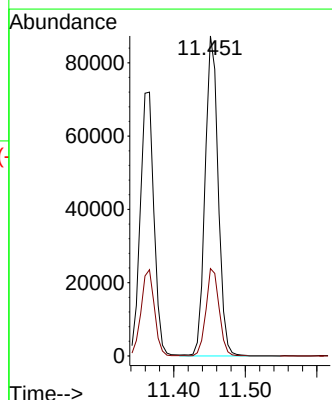
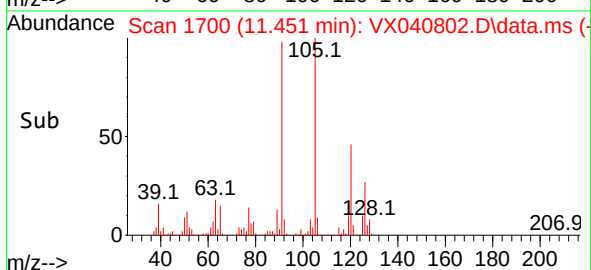
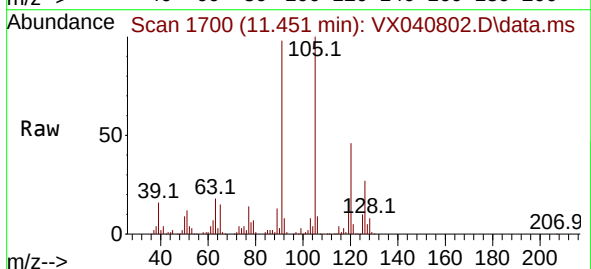
Manual Integrations
APPROVED

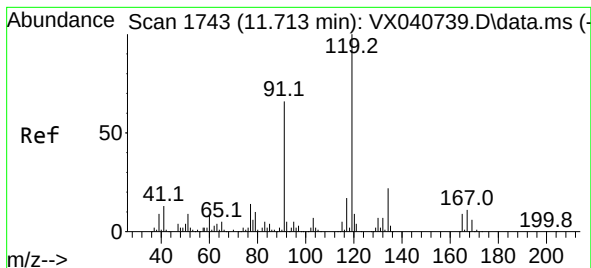
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#82
4-Chlorotoluene
Concen: 44.847 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Tgt Ion: 91 Resp: 111111
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.577 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 108732

Ion Ratio Lower Upper

119 100

91 64.3 31.2 93.6

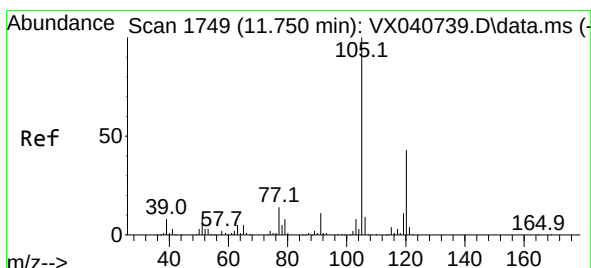
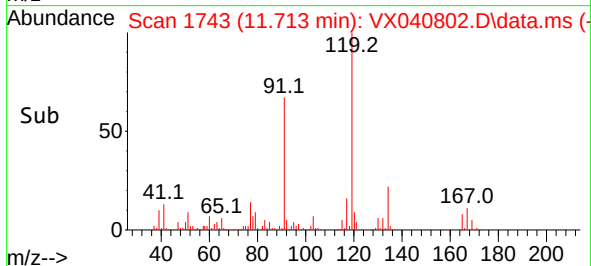
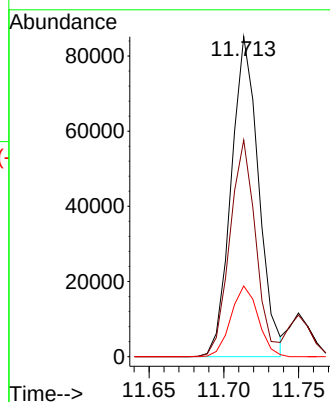
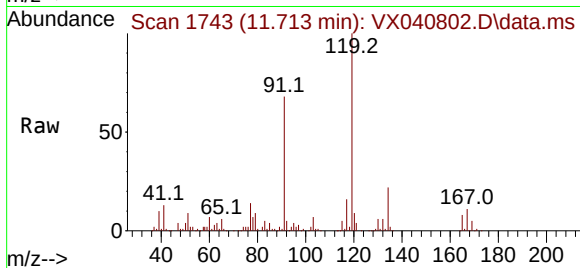
134 21.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.361 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040802.D

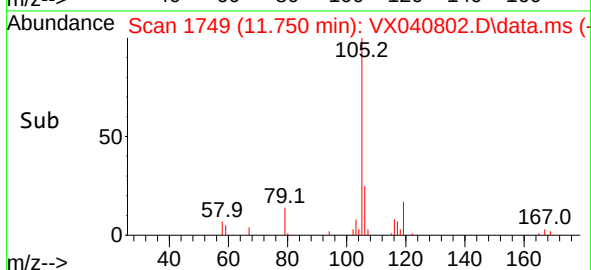
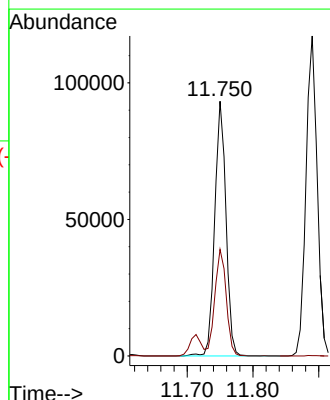
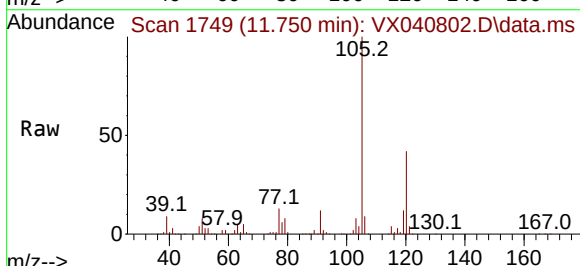
Acq: 27 Mar 2024 10:55

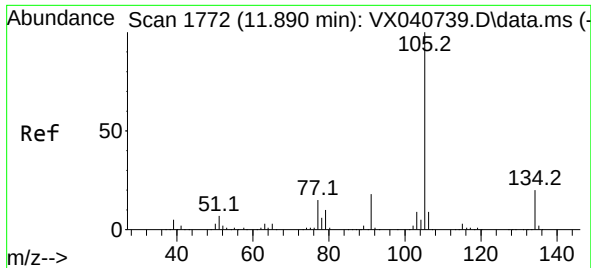
Tgt Ion:105 Resp: 110946

Ion Ratio Lower Upper

105 100

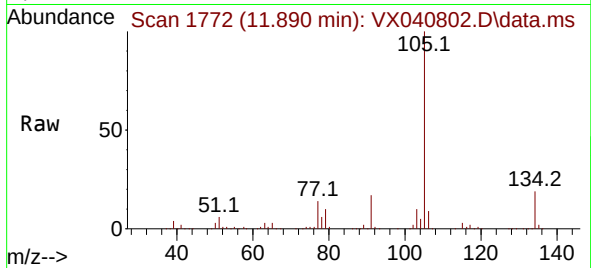
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.796 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040802.D
 Acq: 27 Mar 2024 10:55

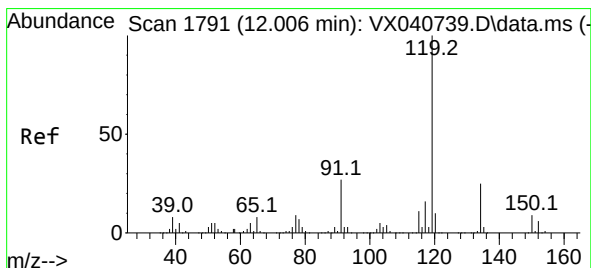
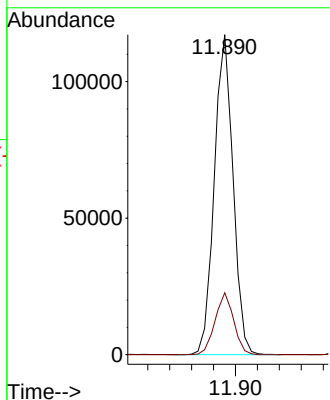
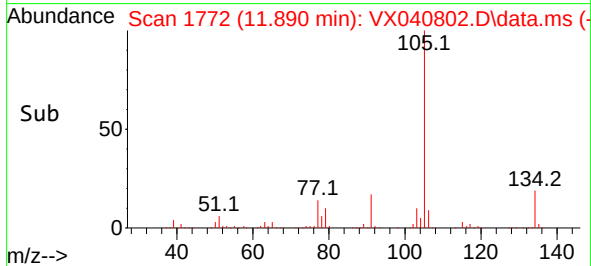
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



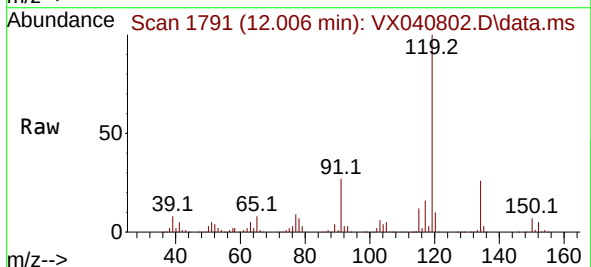
Tgt Ion:105 Resp: 138919
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations
 APPROVED

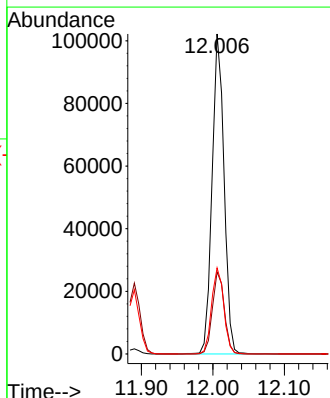
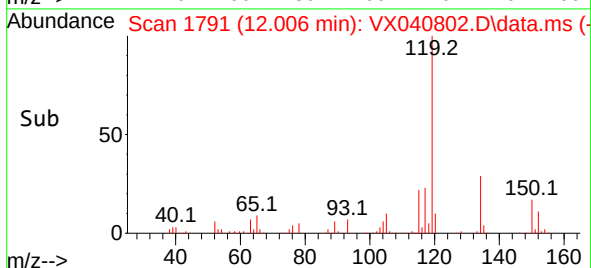
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024

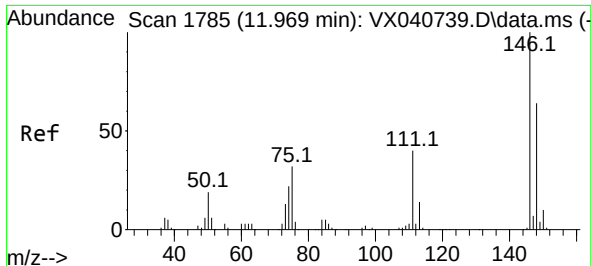


#86
 p-Isopropyltoluene
 Concen: 48.167 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040802.D
 Acq: 27 Mar 2024 10:55



Tgt Ion:119 Resp: 118569
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.310 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 60715

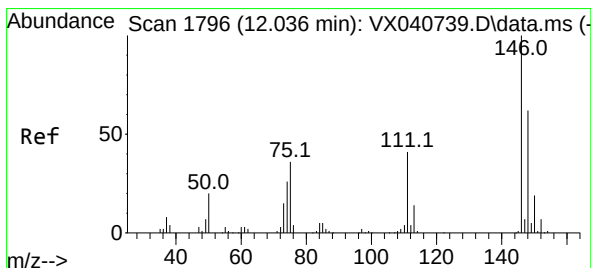
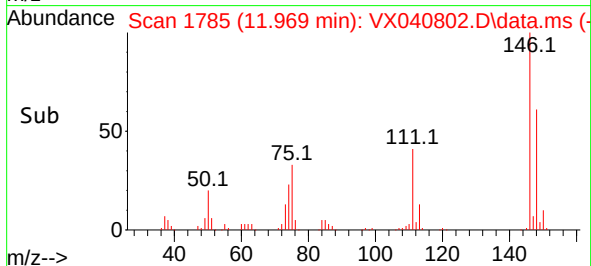
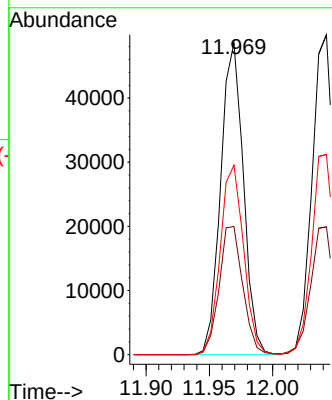
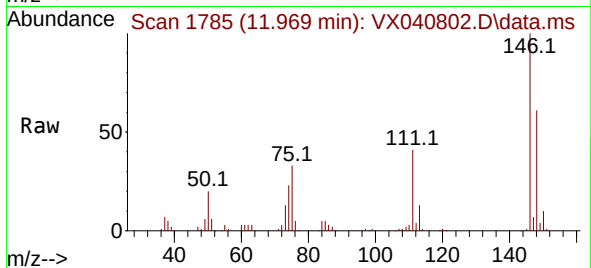
Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.1	66.1
148	62.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#88

1,4-Dichlorobenzene

Concen: 45.606 ug/l

RT: 12.043 min Scan# 1797

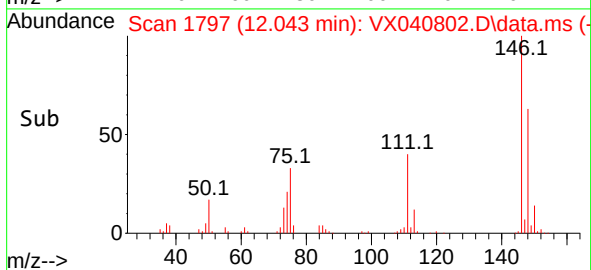
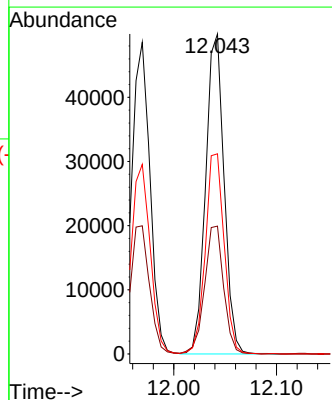
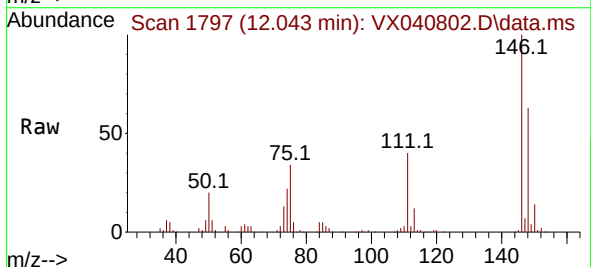
Delta R.T. 0.006 min

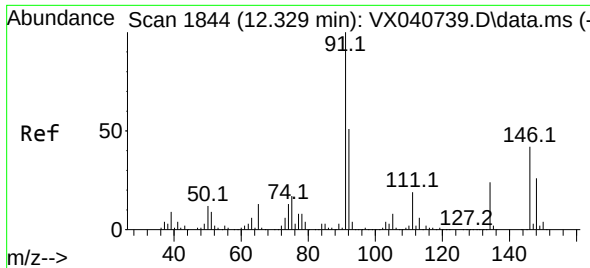
Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion:146 Resp: 62158

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	64.0	31.8	95.4





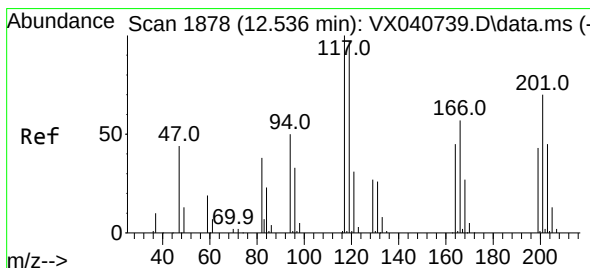
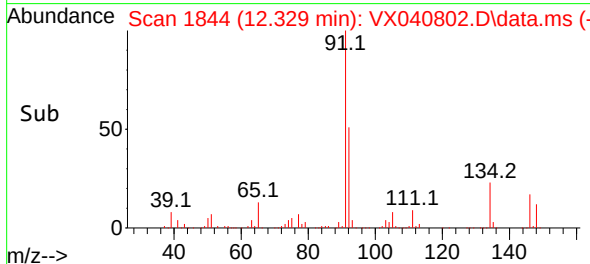
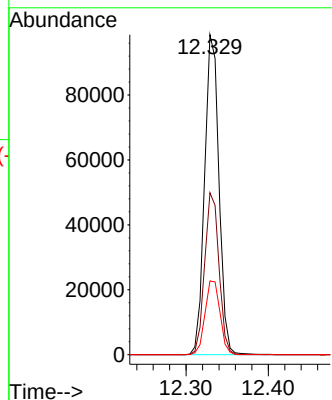
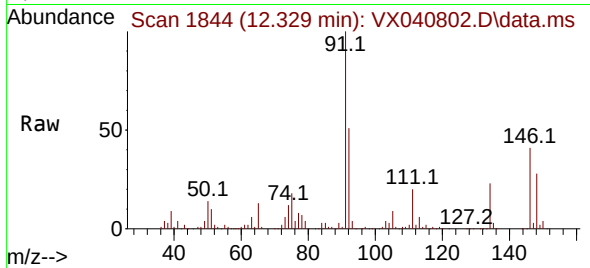
#89
n-Butylbenzene
Concen: 48.170 ug/l
RT: 12.329 min Scan# 119572
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 119572
Ion Ratio Lower Upper
91 100
92 50.6 27.4 82.0
134 24.1 12.6 37.8

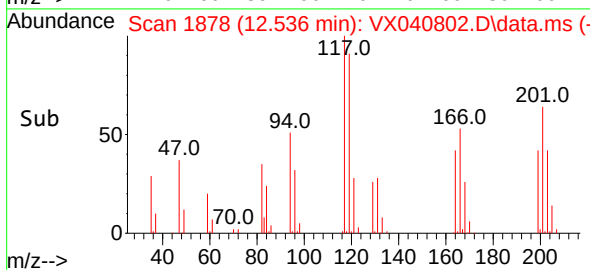
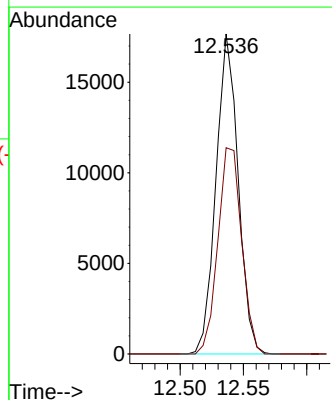
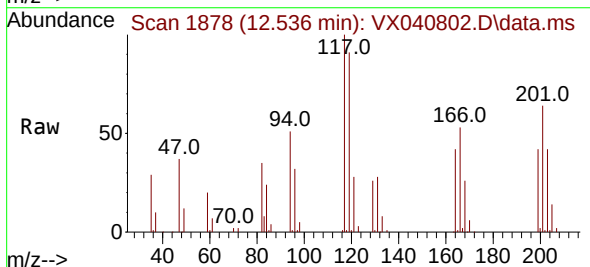
Manual Integrations
APPROVED

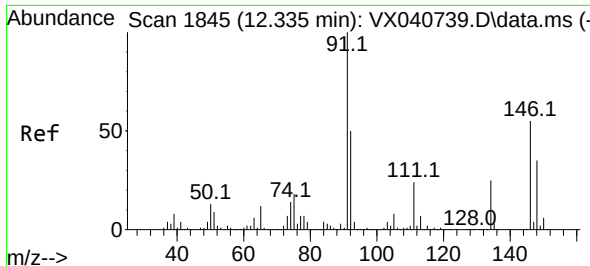
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#90
Hexachloroethane
Concen: 50.022 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

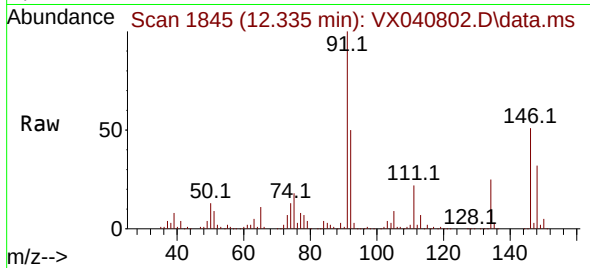
Tgt Ion:117 Resp: 21441
Ion Ratio Lower Upper
117 100
201 69.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.196 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

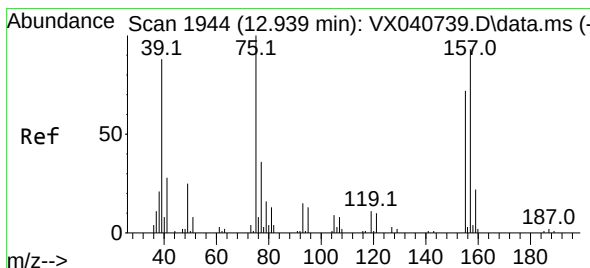
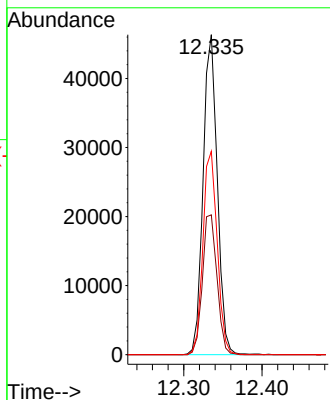
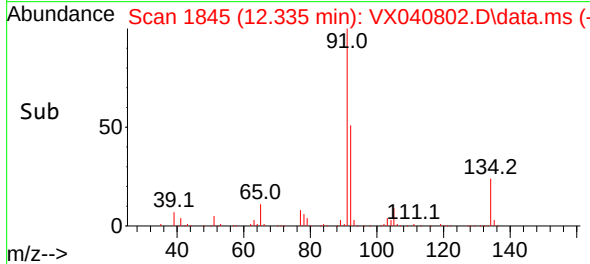
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 58240
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 63.9 31.6 95.0

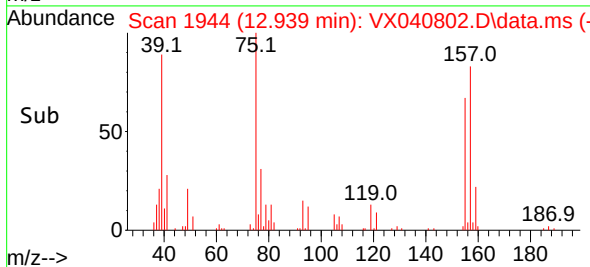
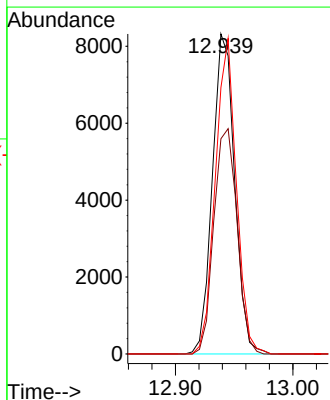
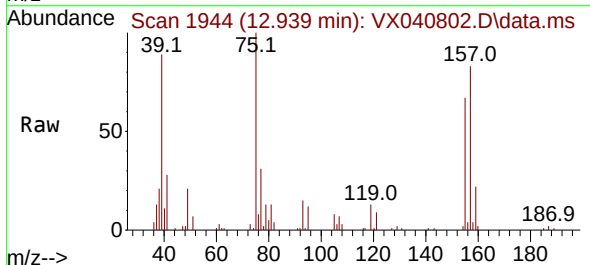
Manual Integrations
APPROVED

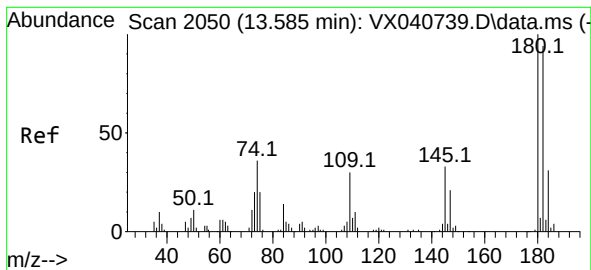
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.654 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

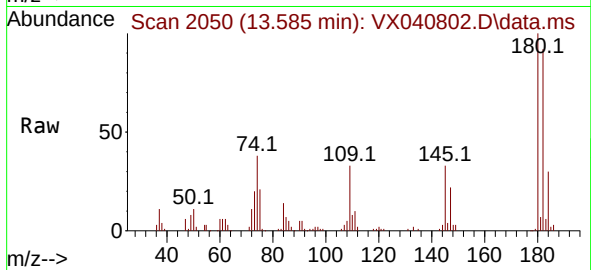
Tgt Ion: 75 Resp: 10949
Ion Ratio Lower Upper
75 100
155 73.4 36.1 108.5
157 93.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 46.254 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55

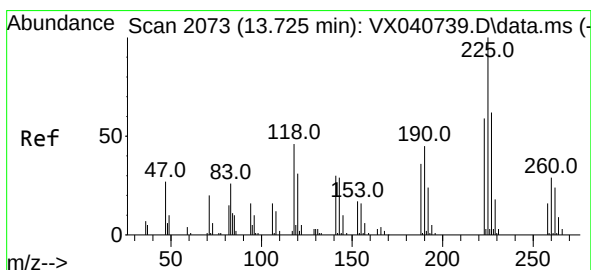
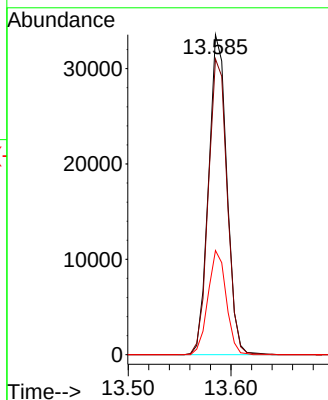
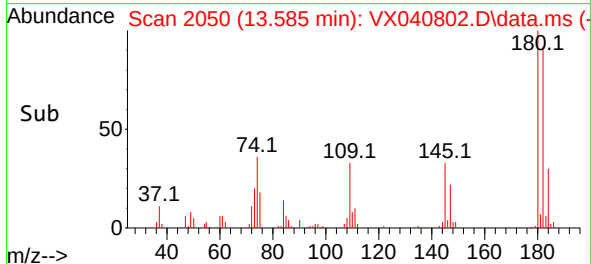
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



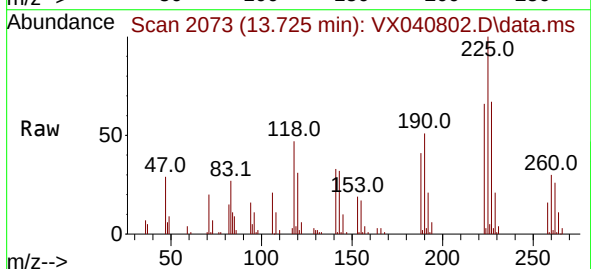
Tgt Ion:180 Resp: 41448
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 32.4 18.0 54.0

Manual Integrations
APPROVED

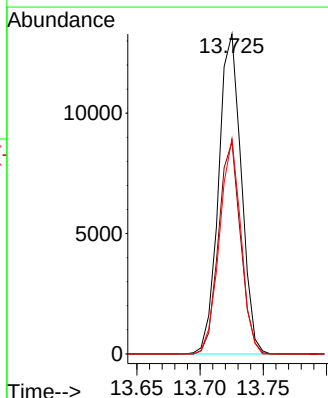
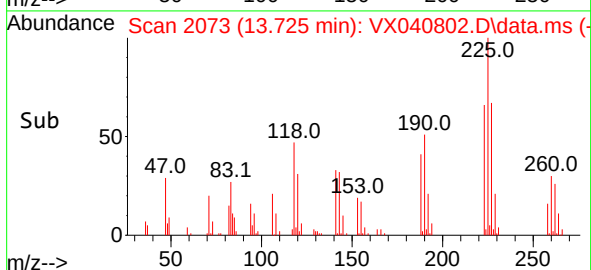
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

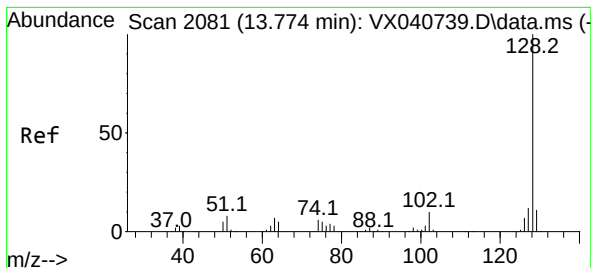


#94
Hexachlorobutadiene
Concen: 46.780 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040802.D
Acq: 27 Mar 2024 10:55



Tgt Ion:225 Resp: 16523
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 63.6 32.5 97.5





#95

Naphthalene

Concen: 48.024 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 136149

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

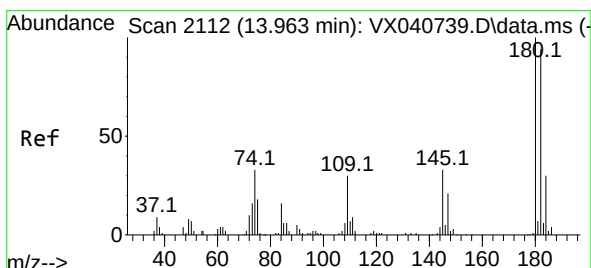
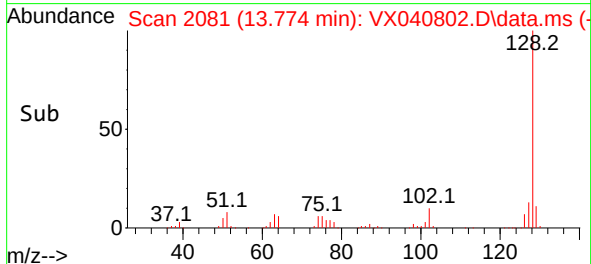
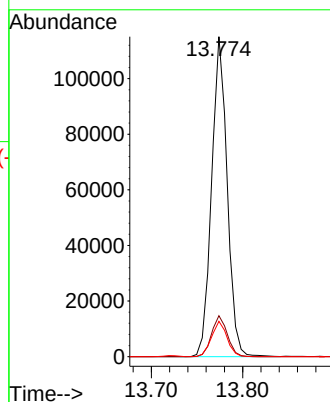
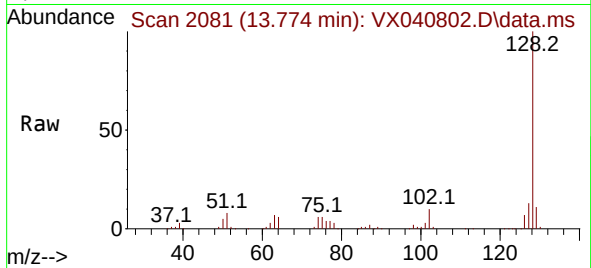
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#96

1,2,3-Trichlorobenzene

Concen: 45.647 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040802.D

Acq: 27 Mar 2024 10:55

Tgt Ion:180 Resp: 40188

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.6

145 34.8 17.8 53.5

