

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038186.D
 Acq On : 10 Oct 2023 09:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 01:32:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	140821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231404	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106058	46.824	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.640%		
35) Dibromofluoromethane	5.379	113	83420	50.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.060%		
50) Toluene-d8	8.646	98	318432	49.977	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.079	95	127528	52.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	69429	51.078	ug/l	98
3) Chloromethane	1.294	50	66280	47.842	ug/l	96
4) Vinyl Chloride	1.373	62	72882	47.448	ug/l	99
5) Bromomethane	1.599	94	93078	46.071	ug/l	99
6) Chloroethane	1.684	64	53605	47.881	ug/l	95
7) Trichlorofluoromethane	1.885	101	140135	46.188	ug/l	99
8) Diethyl Ether	2.129	74	51055	45.120	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.330	101	68504	51.720	ug/l	97
10) Methyl Iodide	2.452	142	92633	48.607	ug/l	94
11) Tert butyl alcohol	2.952	59	106623	211.543	ug/l #	93
12) 1,1-Dichloroethene	2.318	96	64335	49.934	ug/l	93
13) Acrolein	2.233	56	91171	283.143	ug/l	99
14) Allyl chloride	2.660	41	111050	48.188	ug/l	93
15) Acrylonitrile	3.056	53	245069	237.755	ug/l	99
16) Acetone	2.373	43	278509	294.624	ug/l	93
17) Carbon Disulfide	2.513	76	172859	46.550	ug/l	98
18) Methyl Acetate	2.696	43	194040	47.866	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	246764	48.090	ug/l	100
20) Methylene Chloride	2.788	84	79178	44.530	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	76689	48.074	ug/l	89
22) Diisopropyl ether	3.757	45	240037	49.698	ug/l	88
23) Vinyl Acetate	3.714	43	888563	250.867	ug/l	97
24) 1,1-Dichloroethane	3.605	63	141854	48.395	ug/l	99
25) 2-Butanone	4.550	43	383948	251.733	ug/l	92
26) 2,2-Dichloropropane	4.470	77	119172	52.075	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	92222	48.541	ug/l	93
28) Bromochloromethane	4.891	49	69286	52.362	ug/l	91
29) Tetrahydrofuran	4.995	42	229517	231.131	ug/l	89
30) Chloroform	5.086	83	160048	49.932	ug/l	99
31) Cyclohexane	5.464	56	122617	49.966	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	137470	50.072	ug/l	99
36) 1,1-Dichloropropene	5.690	75	111989	48.705	ug/l	97
37) Ethyl Acetate	4.708	43	133969	49.059	ug/l	97
38) Carbon Tetrachloride	5.671	117	118431	52.358	ug/l	98
39) Methylcyclohexane	7.378	83	141231	52.439	ug/l	93
40) Benzene	6.031	78	327929	50.991	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	68336	50.304	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	128615	50.055	ug/l	99
43) Isopropyl Acetate	6.330	43	206288	50.603	ug/l	97
44) Trichloroethene	7.122	130	88331	52.513	ug/l	96
45) 1,2-Dichloropropane	7.427	63	85660	51.463	ug/l	100
46) Dibromomethane	7.580	93	66001	51.125	ug/l	98
47) Bromodichloromethane	7.817	83	122918	53.523	ug/l	96
48) Methyl methacrylate	7.689	41	99297	51.024	ug/l	86
49) 1,4-Dioxane	7.653	88	43164	900.073	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	723315	257.237	ug/l	97
52) Toluene	8.713	92	218539	52.166	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	137021	55.584	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	137859	53.228	ug/l	93
55) 1,1,2-Trichloroethane	9.146	97	92512	51.629	ug/l	95
56) Ethyl methacrylate	9.116	69	143511	52.237	ug/l	93
57) 1,3-Dichloropropane	9.305	76	151405	52.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	339331	251.626	ug/l	100
59) 2-Hexanone	9.427	43	608845	269.338	ug/l	96
60) Dibromochloromethane	9.518	129	98129	55.955	ug/l	99
61) 1,2-Dibromoethane	9.610	107	100783	52.011	ug/l	99
64) Tetrachloroethene	9.274	164	75925	50.157	ug/l	96
65) Chlorobenzene	10.079	112	241204	49.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	88271	53.349	ug/l	99
67) Ethyl Benzene	10.189	91	442171	50.627	ug/l	99
68) m/p-Xylenes	10.299	106	338210	100.148	ug/l	100
69) o-Xylene	10.640	106	165315	50.156	ug/l	100
70) Styrene	10.652	104	282619	52.652	ug/l	98
71) Bromoform	10.798	173	75093	48.985	ug/l #	99
73) Isopropylbenzene	10.963	105	441190	49.403	ug/l	99
74) N-amyl acetate	10.841	43	197272	51.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	166041	50.669	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	138730m	45.825	ug/l	
77) Bromobenzene	11.195	156	107650	49.374	ug/l	94
78) n-propylbenzene	11.304	91	548260	50.208	ug/l	99
79) 2-Chlorotoluene	11.365	91	313413	48.396	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	387361	50.276	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	49638	48.048	ug/l	92
82) 4-Chlorotoluene	11.451	91	379693	49.548	ug/l	98
83) tert-Butylbenzene	11.713	119	375061	49.819	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	392675	51.116	ug/l	99
85) sec-Butylbenzene	11.890	105	500722	51.344	ug/l	100
86) p-Isopropyltoluene	12.006	119	413992	51.452	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	215267	49.156	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	218989	48.981	ug/l	98
89) n-Butylbenzene	12.329	91	413236	51.569	ug/l	96
90) Hexachloroethane	12.536	117	72356	54.237	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	210460	49.997	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	41435	52.297	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	140492	49.761	ug/l	96
94) Hexachlorobutadiene	13.725	225	59110	52.017	ug/l	99
95) Naphthalene	13.774	128	476385	48.451	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	135957	49.733	ug/l	98

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VSTDCCC050

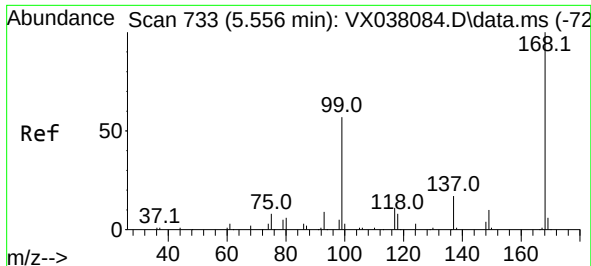
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

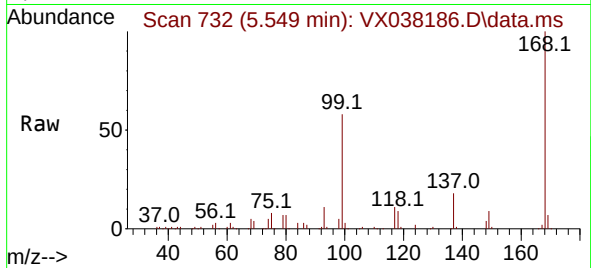
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
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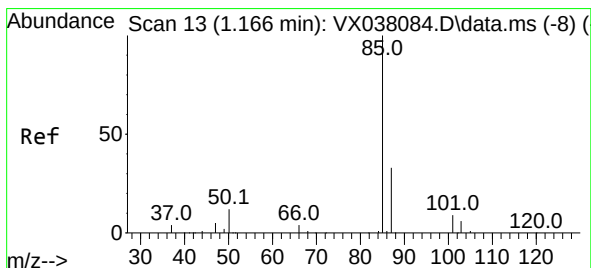
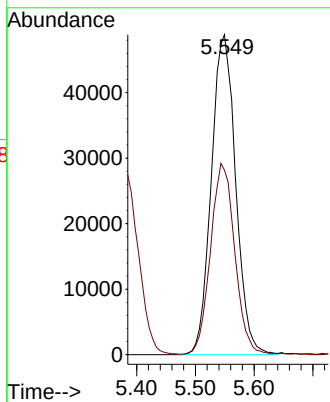
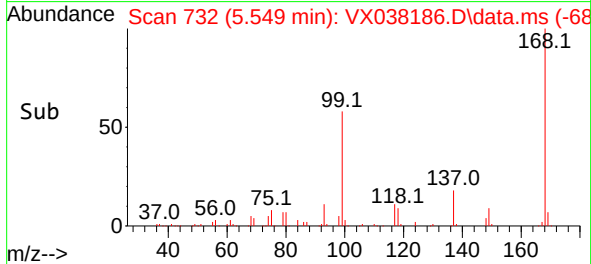
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 14082
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0

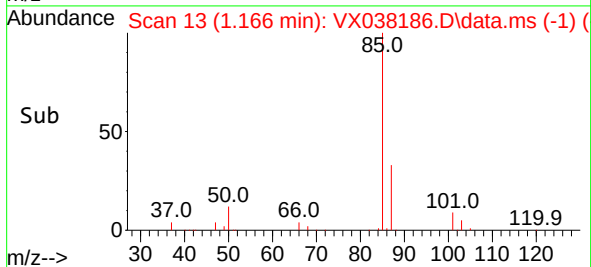
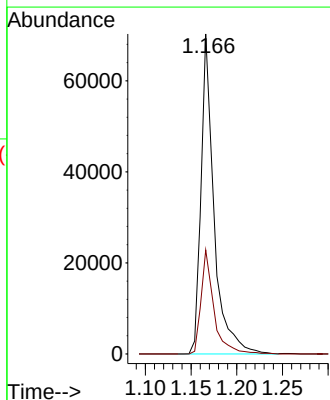
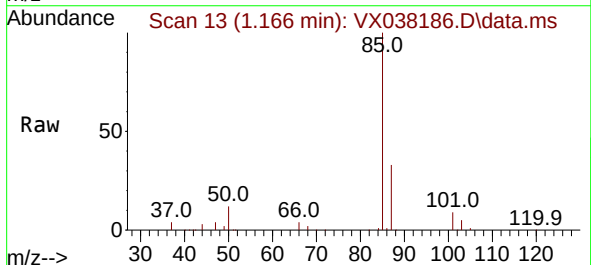
Manual Integrations
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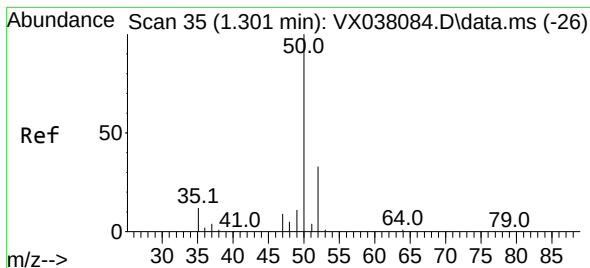
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#2
Dichlorodifluoromethane
Concen: 51.078 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 85 Resp: 69429
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3

Chloromethane

Concen: 47.842 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.007 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 66280

Ion Ratio Lower Upper

50 100

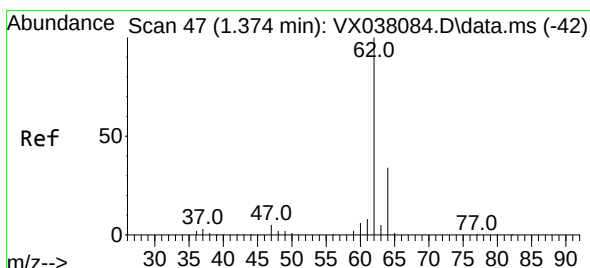
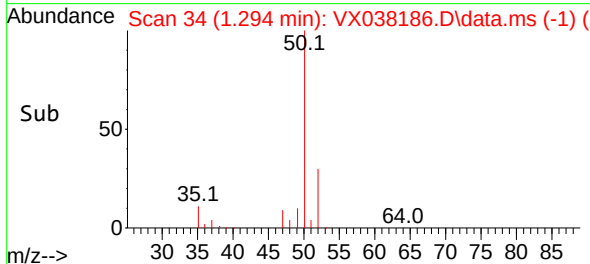
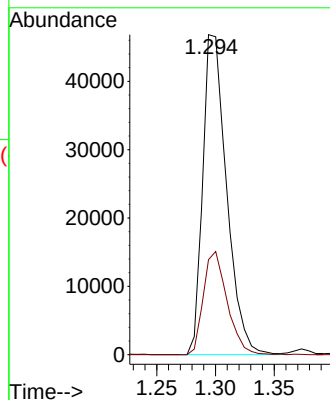
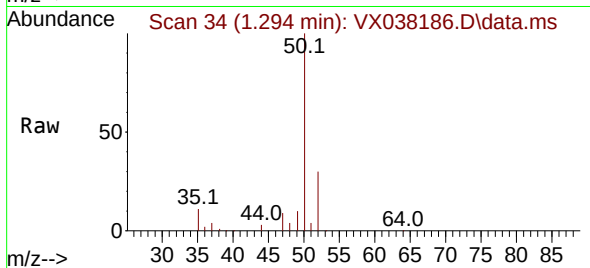
52 29.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#4

Vinyl Chloride

Concen: 47.448 ug/l

RT: 1.373 min Scan# 47

Delta R.T. -0.001 min

Lab File: VX038186.D

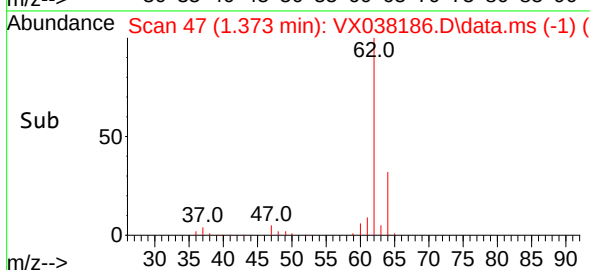
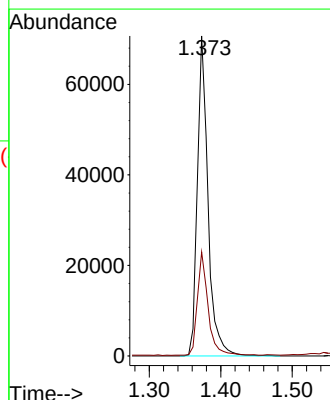
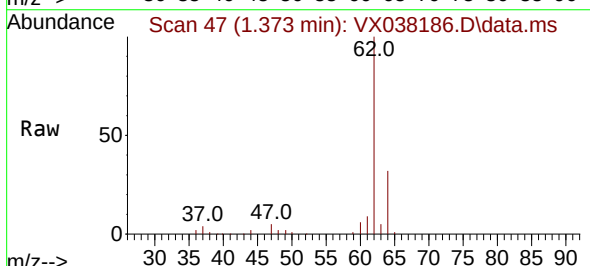
Acq: 10 Oct 2023 09:13

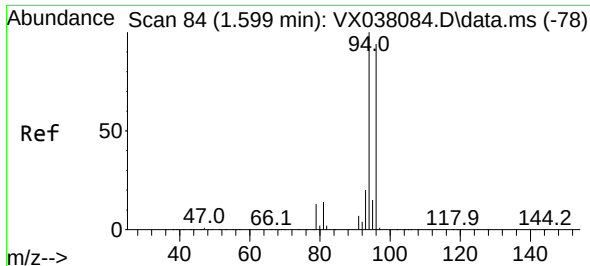
Tgt Ion: 62 Resp: 72882

Ion Ratio Lower Upper

62 100

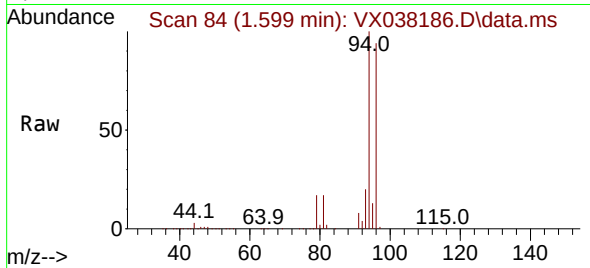
64 32.3 25.4 38.0





#5
Bromomethane
Concen: 46.071 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

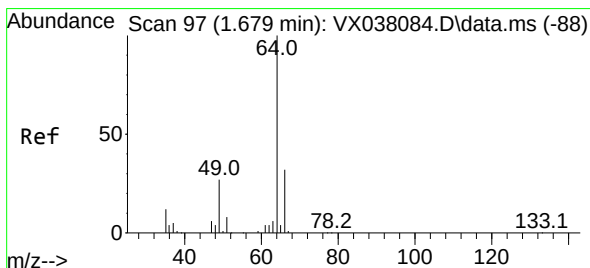
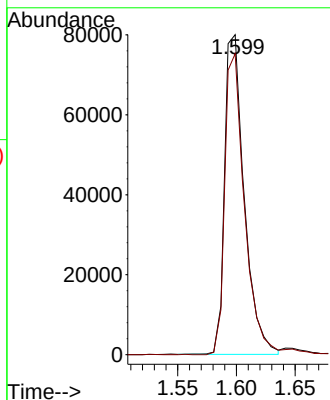
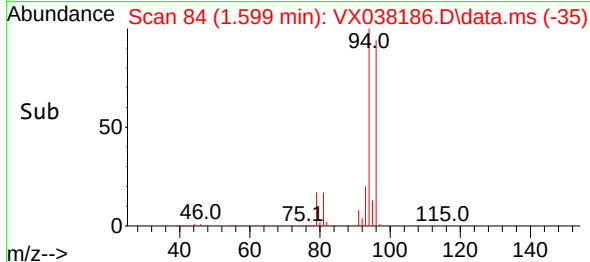
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 93078
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

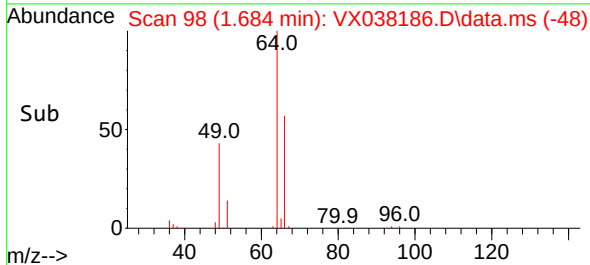
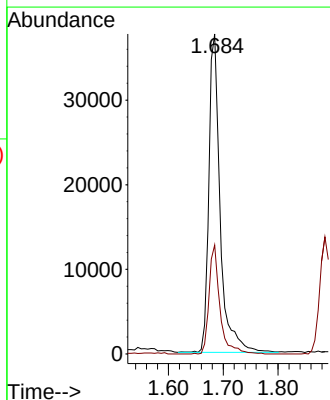
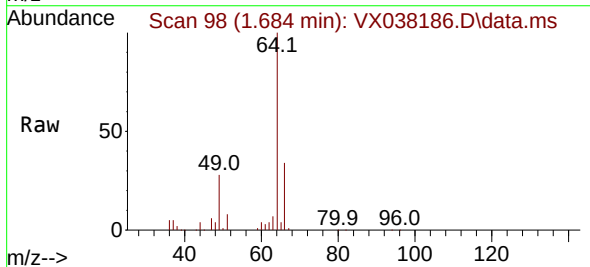
Manual Integrations
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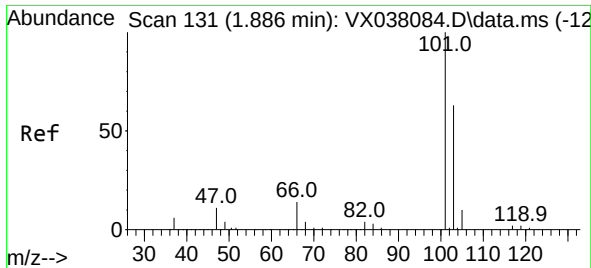
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#6
Chloroethane
Concen: 47.881 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

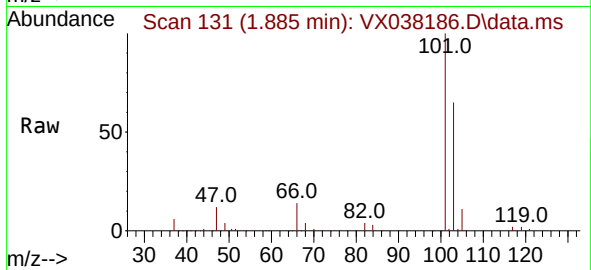
Tgt Ion: 64 Resp: 53605
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 46.188 ug/l
RT: 1.885 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

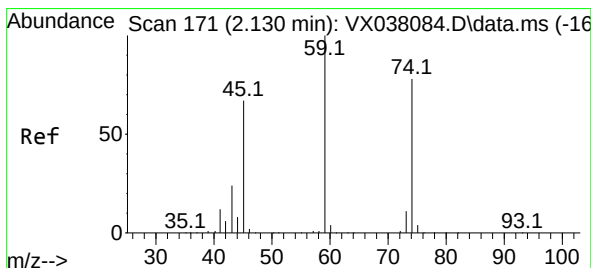
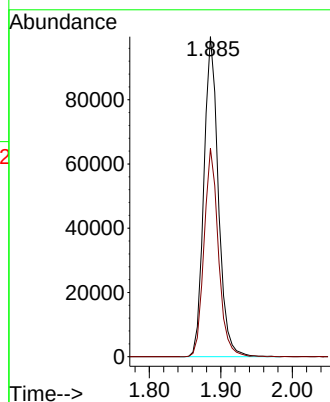
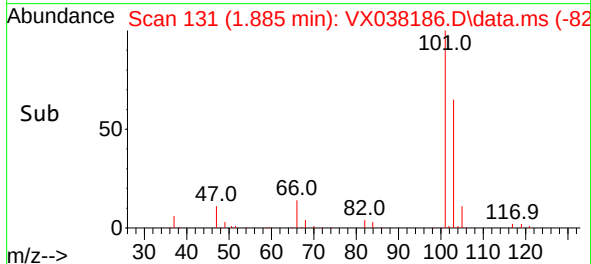
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 14013
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

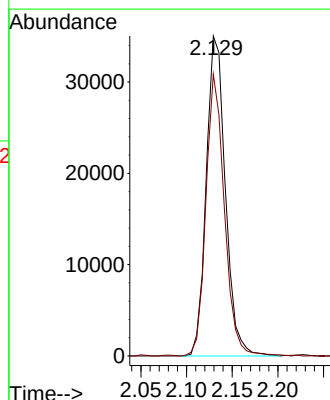
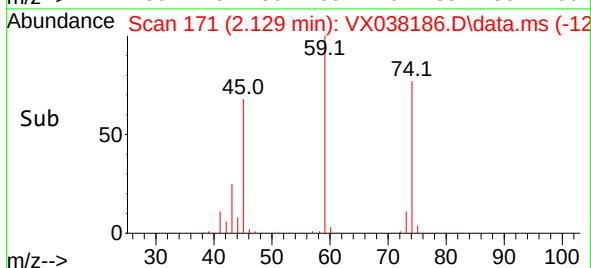
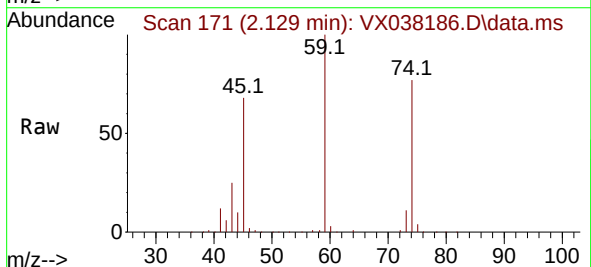
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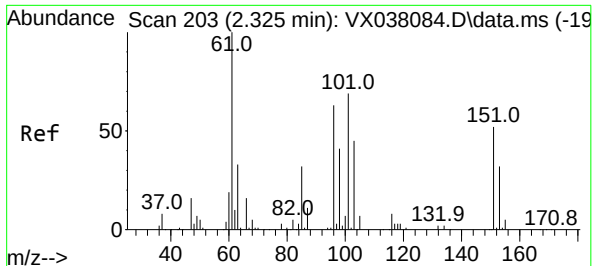
Reviewed By :John Carlone 10/11/2023
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#8
Diethyl Ether
Concen: 45.120 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 74 Resp: 51055
Ion Ratio Lower Upper
74 100
45 85.1 53.3 159.8





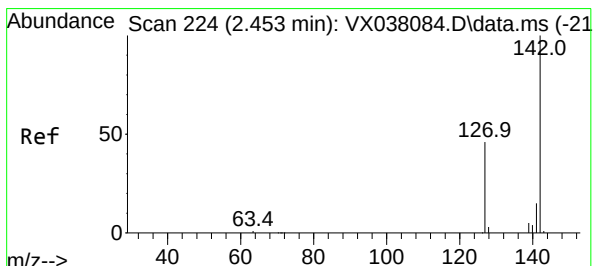
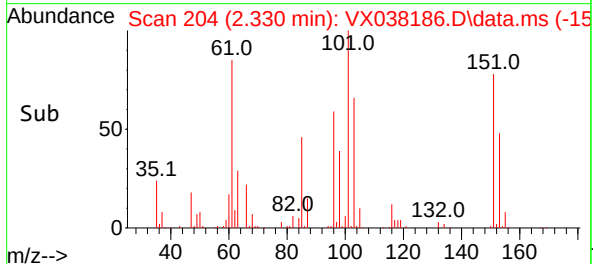
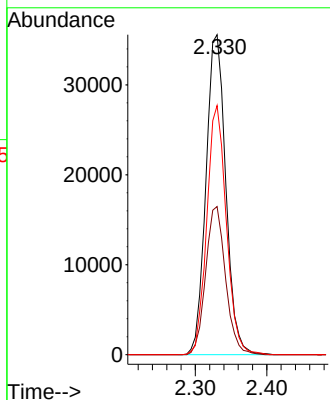
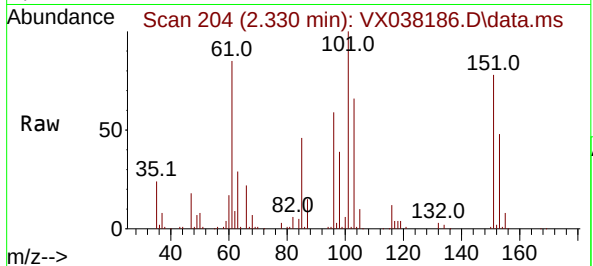
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.720 ug/l
RT: 2.330 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 68504
Ion Ratio Lower Upper
101 100
85 46.5 37.0 55.6
151 76.8 58.6 87.8

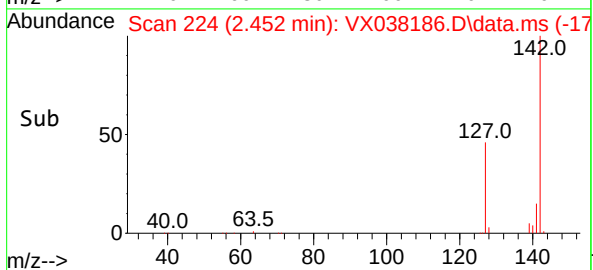
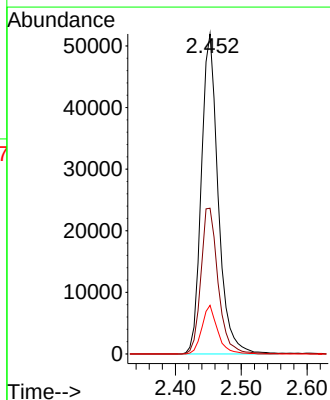
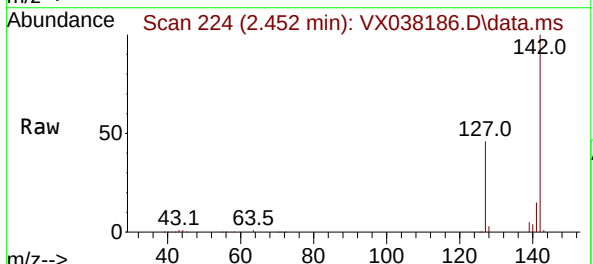
Manual Integrations
APPROVED

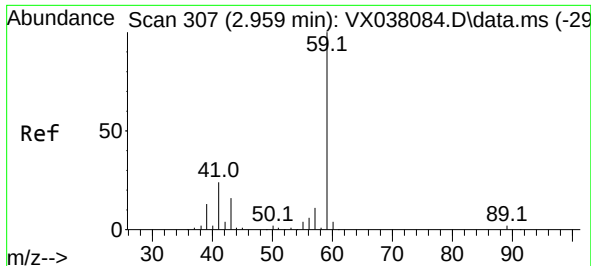
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#10
Methyl Iodide
Concen: 48.607 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion:142 Resp: 92633
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.1 11.6 17.4





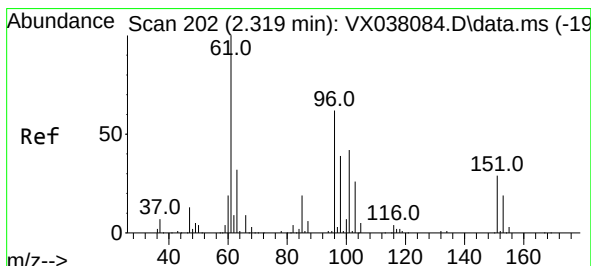
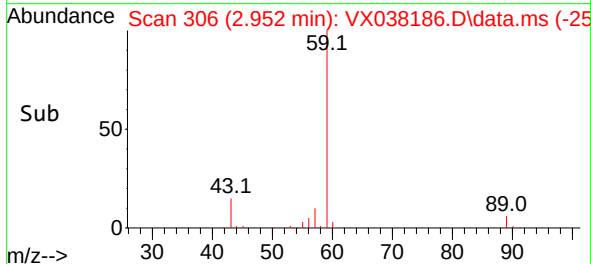
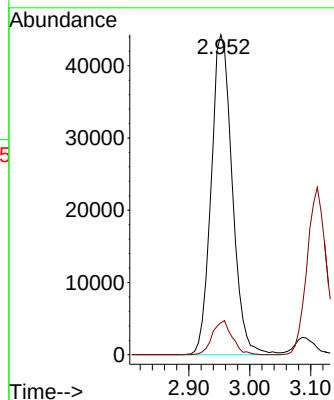
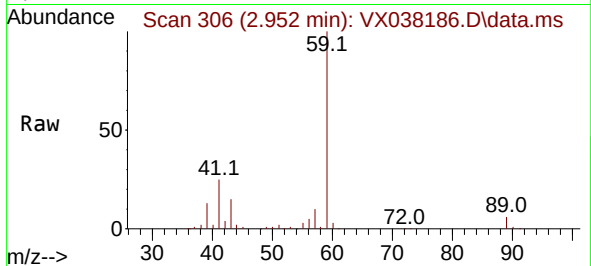
#11
Tert butyl alcohol
Concen: 211.543 ug/l
RT: 2.952 min Scan# 307
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 106623
Ion Ratio Lower Upper
59 100
57 10.0 6.0 9.0

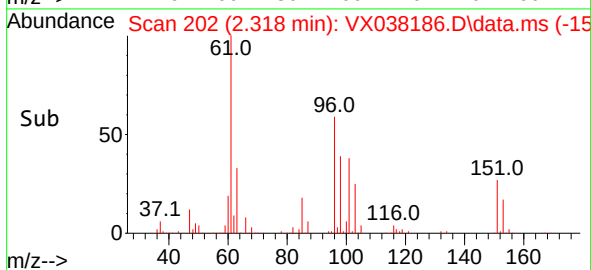
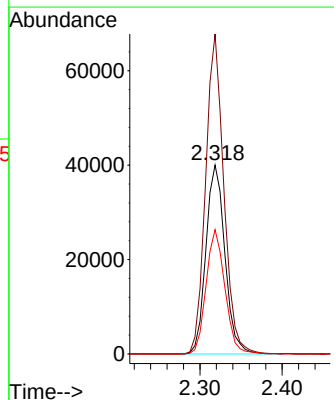
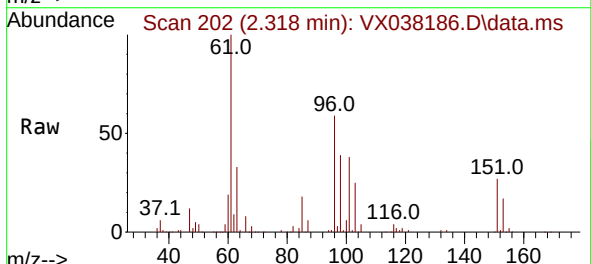
Manual Integrations
APPROVED

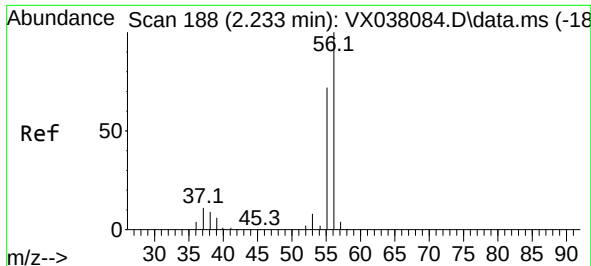
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#12
1,1-Dichloroethene
Concen: 49.934 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

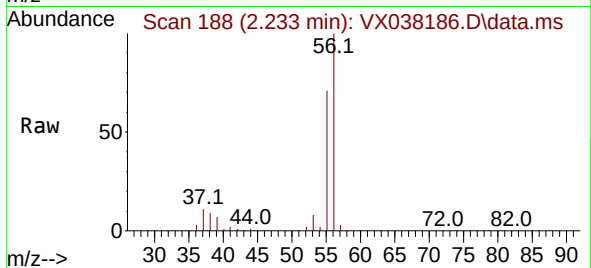
Tgt Ion: 96 Resp: 64335
Ion Ratio Lower Upper
96 100
61 169.3 144.6 216.8
98 65.8 50.4 75.6





#13
Acrolein
Concen: 283.143 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

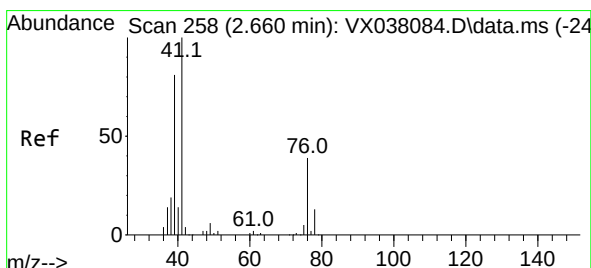
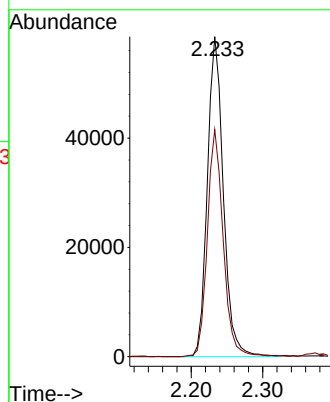
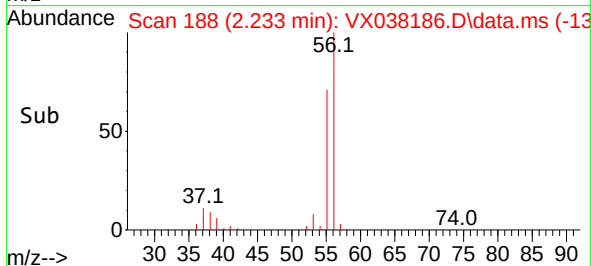
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9117
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

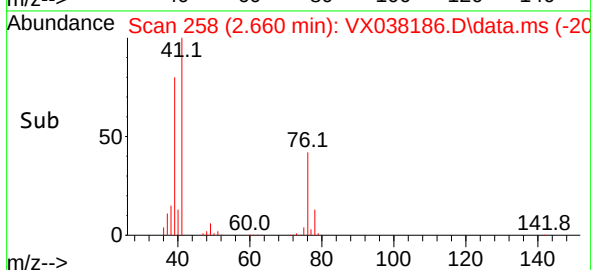
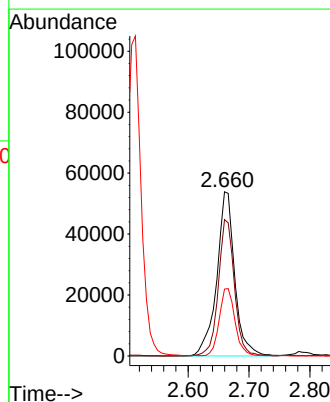
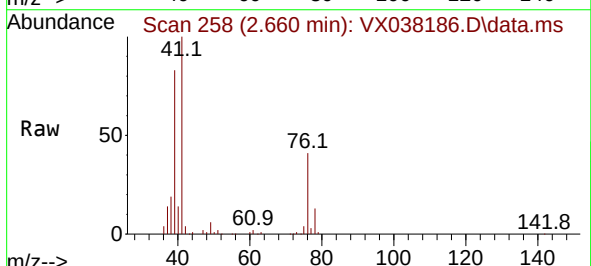
Manual Integrations
APPROVED

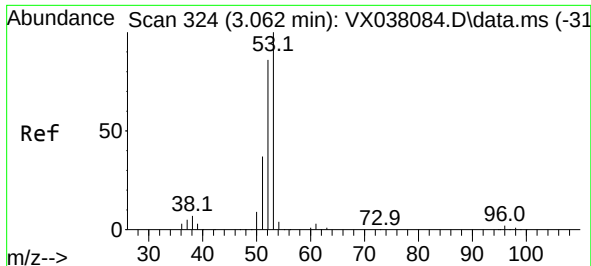
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#14
Allyl chloride
Concen: 48.188 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

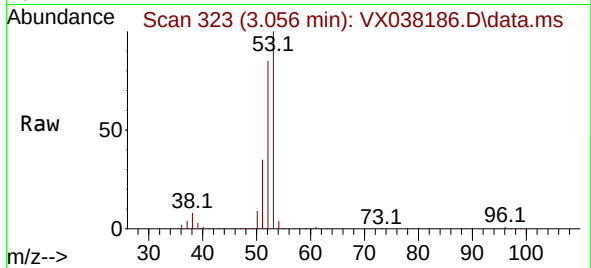
Tgt Ion: 41 Resp: 111050
Ion Ratio Lower Upper
41 100
39 74.0 55.8 83.6
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 237.755 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

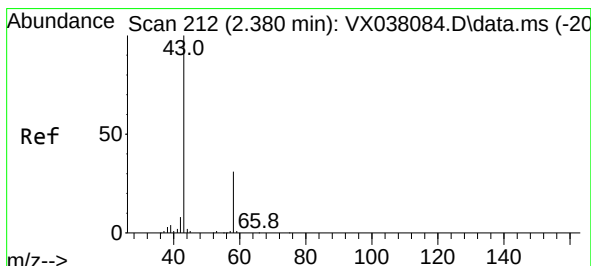
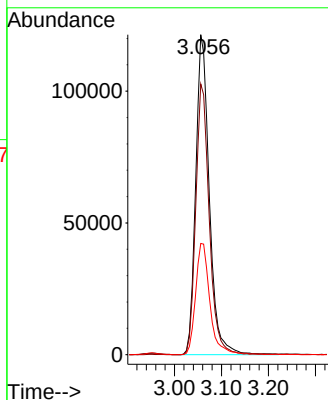
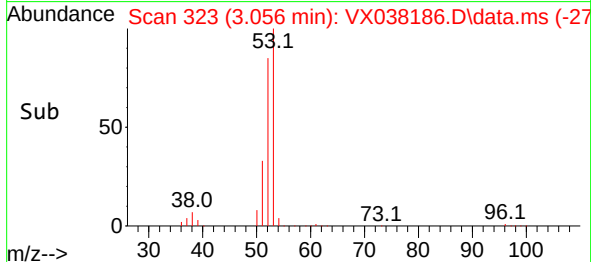
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 245069
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 36.6 29.8 44.6

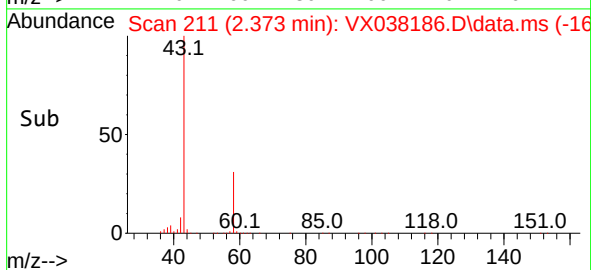
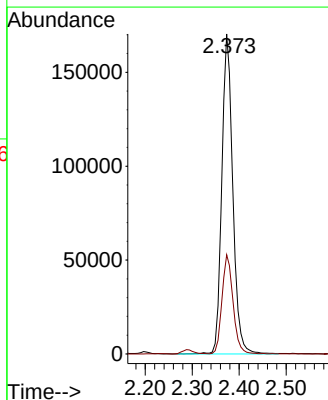
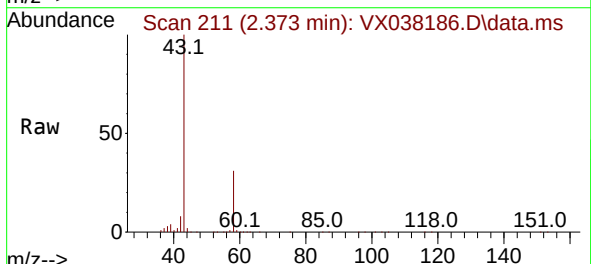
Manual Integrations
APPROVED

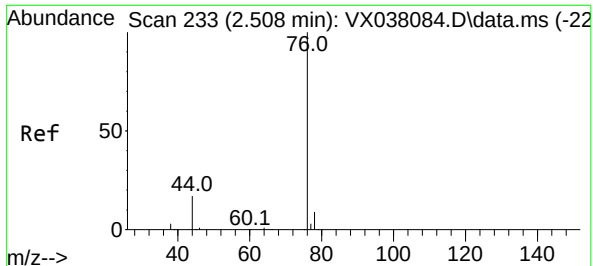
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#16
Acetone
Concen: 294.624 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 43 Resp: 278509
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 46.550 ug/l

RT: 2.513 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 17285

Ion Ratio Lower Upper

76 100

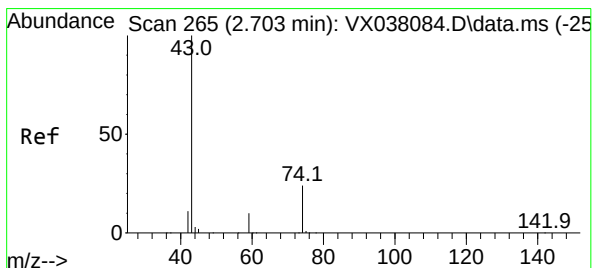
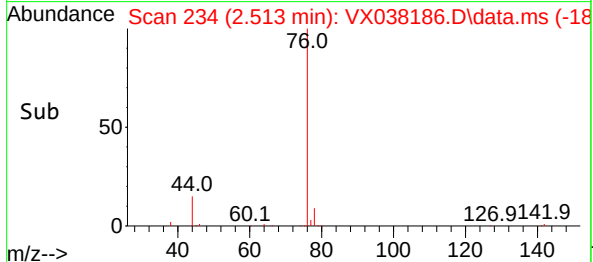
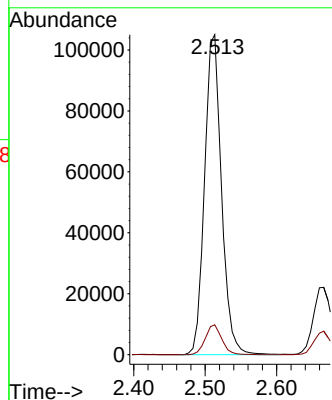
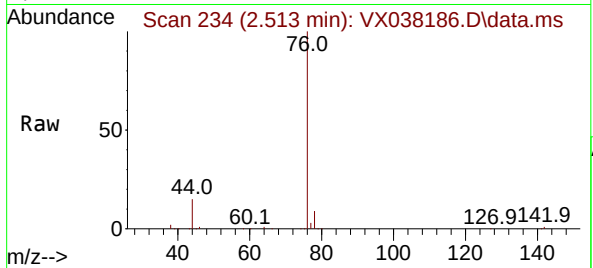
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#18

Methyl Acetate

Concen: 47.866 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.007 min

Lab File: VX038186.D

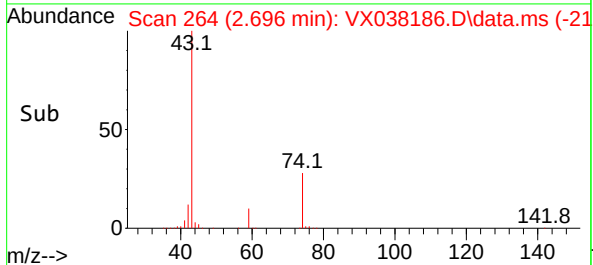
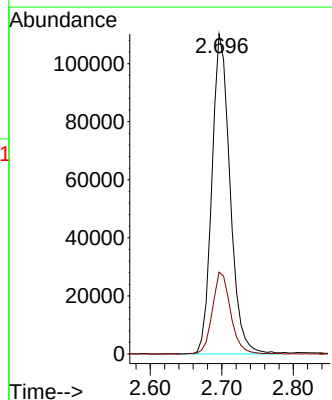
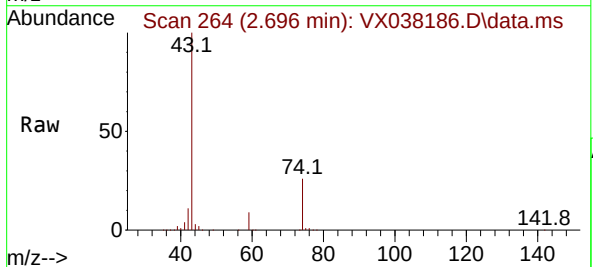
Acq: 10 Oct 2023 09:13

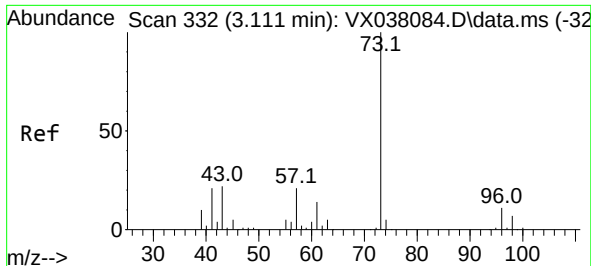
Tgt Ion: 43 Resp: 194040

Ion Ratio Lower Upper

43 100

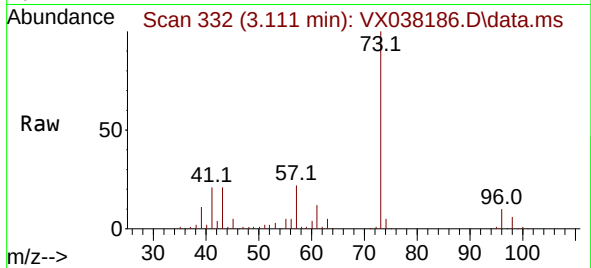
74 25.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.090 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

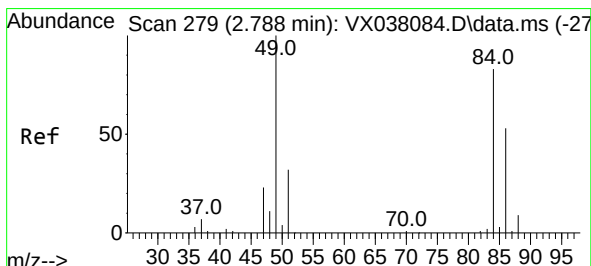
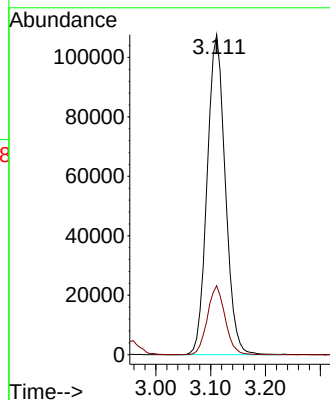
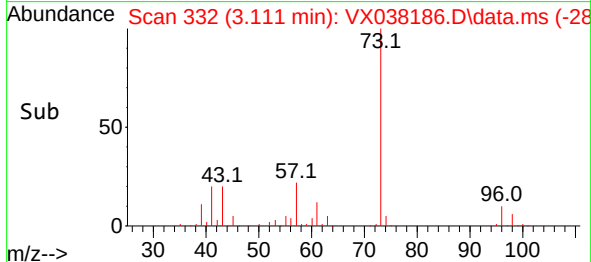
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 246764
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

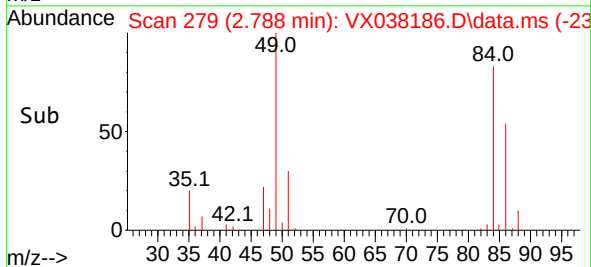
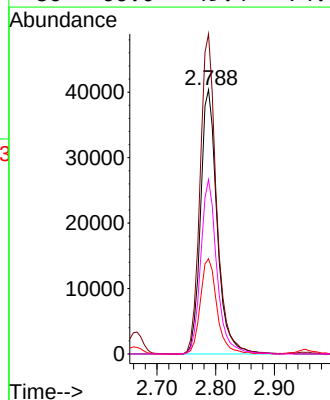
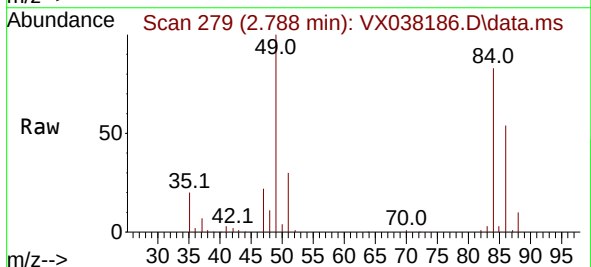
Manual Integrations
APPROVED

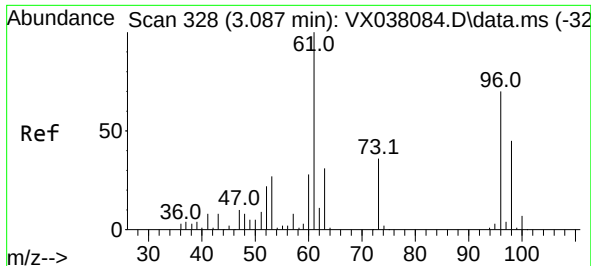
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#20
Methylene Chloride
Concen: 44.530 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

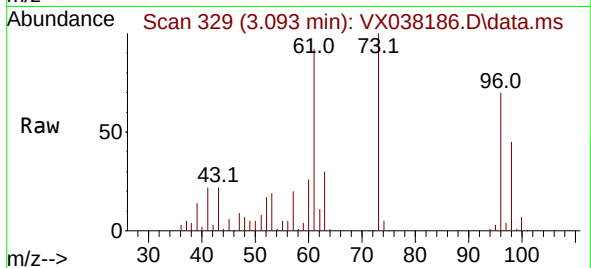
Tgt Ion: 84 Resp: 79178
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 36.0 33.8 50.6
86 66.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.074 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

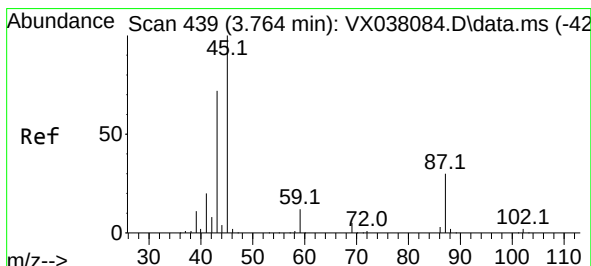
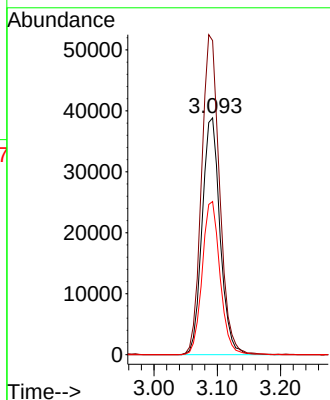
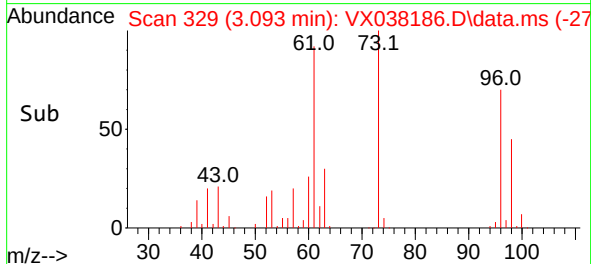
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



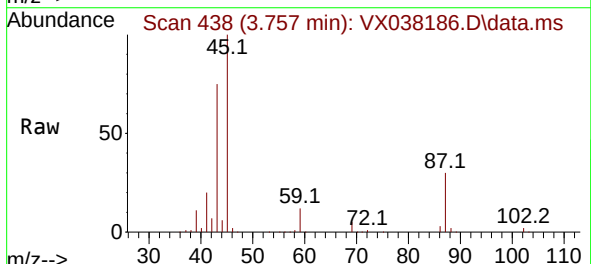
Tgt Ion: 96 Resp: 76689
Ion Ratio Lower Upper
96 100
61 132.6 119.2 178.8
98 64.7 48.7 73.1

Manual Integrations
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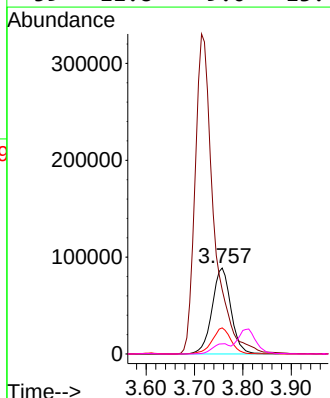
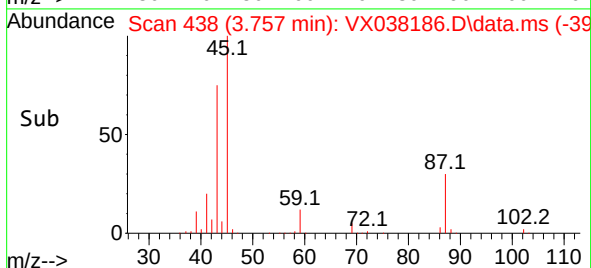
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

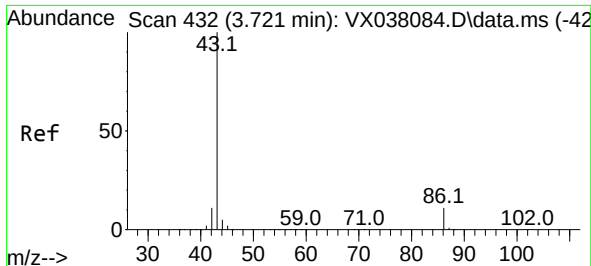


#22
Diisopropyl ether
Concen: 49.698 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



Tgt Ion: 45 Resp: 240037
Ion Ratio Lower Upper
45 100
43 74.4 69.7 104.5
87 30.4 20.8 31.2
59 11.8 9.0 13.4





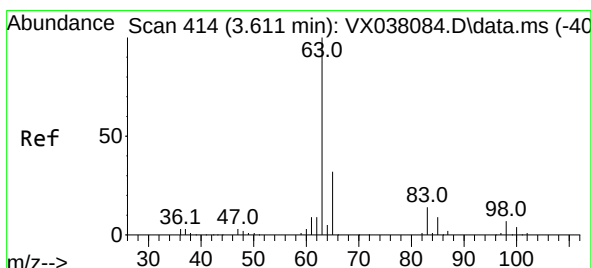
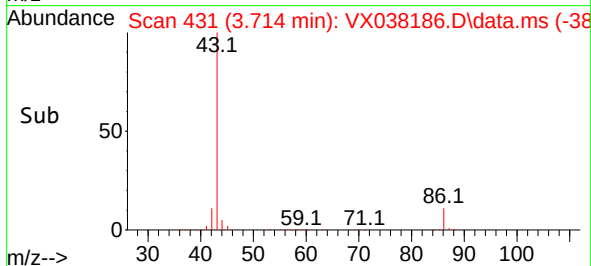
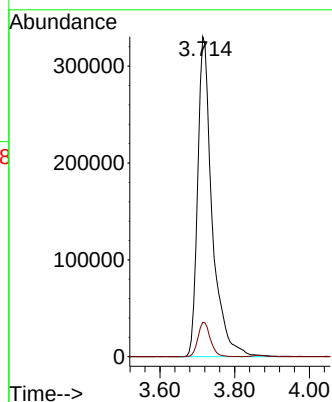
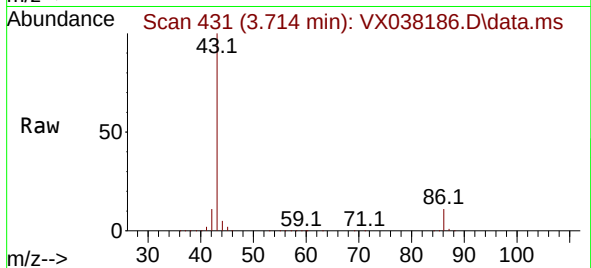
#23
 Vinyl Acetate
 Concen: 250.867 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 88856
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

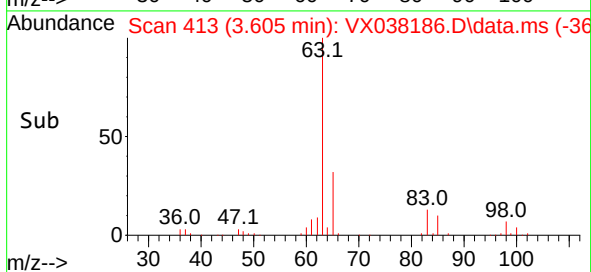
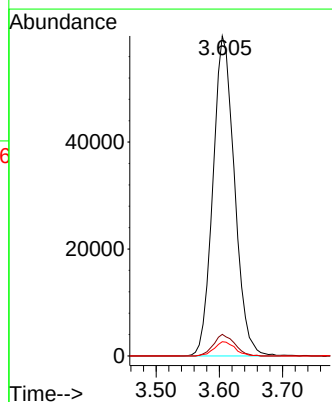
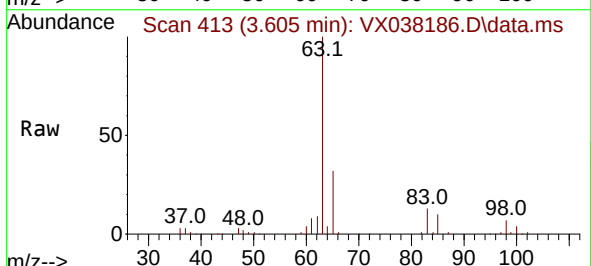
Manual Integrations
 APPROVED

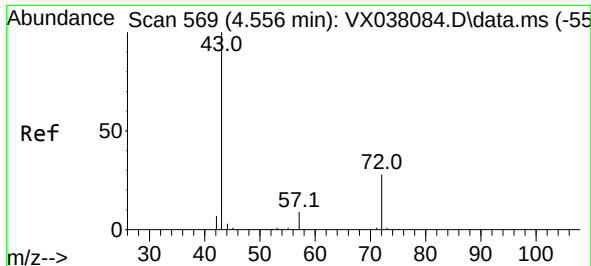
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023



#24
 1,1-Dichloroethane
 Concen: 48.395 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13

Tgt Ion: 63 Resp: 141854
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





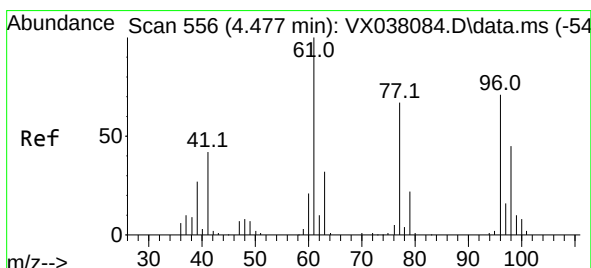
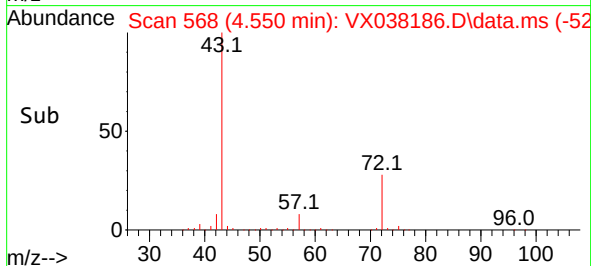
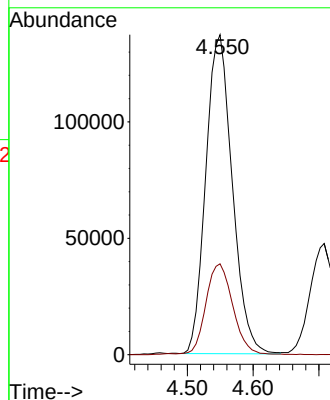
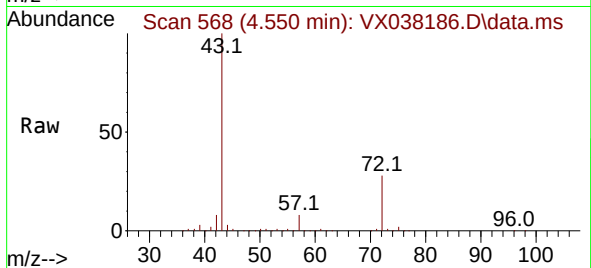
#25
2-Butanone
Concen: 251.733 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 38394
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2

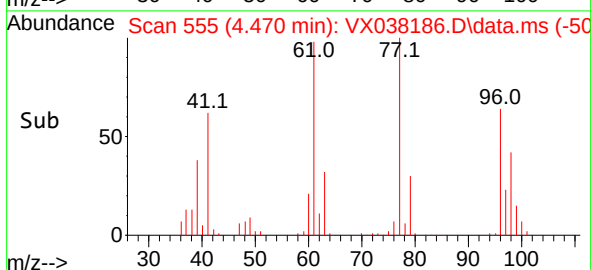
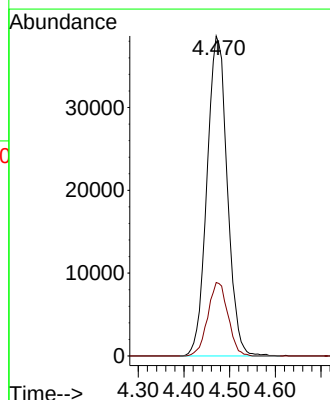
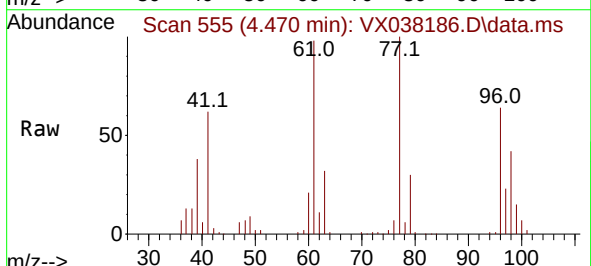
Manual Integrations
APPROVED

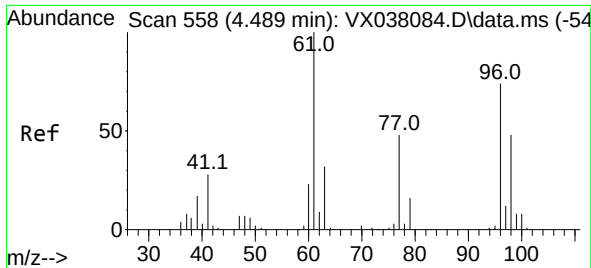
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#26
2,2-Dichloropropane
Concen: 52.075 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 77 Resp: 119172
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.541 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9222

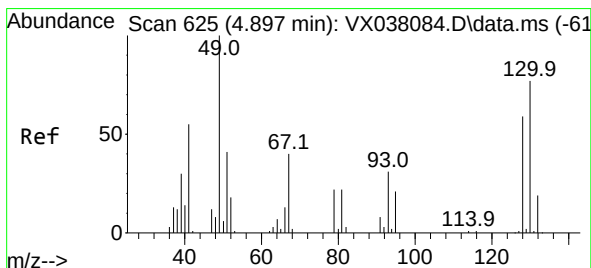
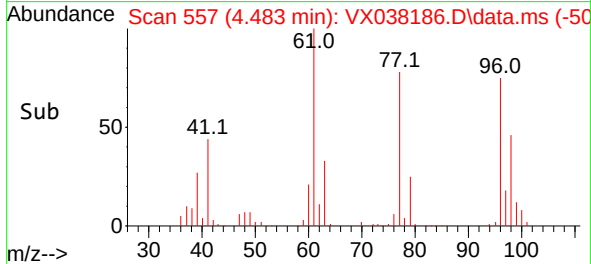
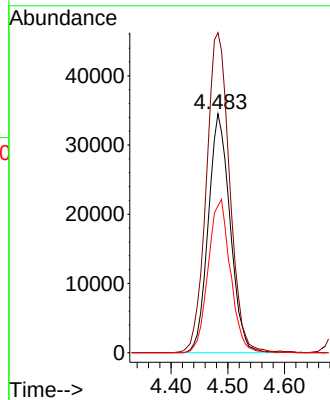
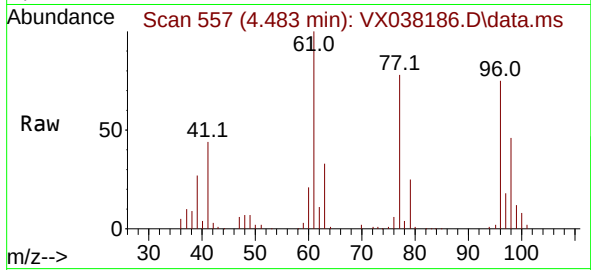
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	312.2
98	65.1	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#28

Bromochloromethane

Concen: 52.362 ug/l

RT: 4.891 min Scan# 624

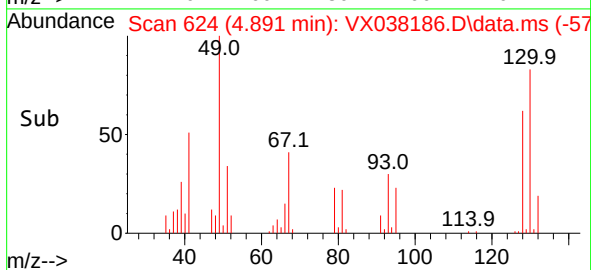
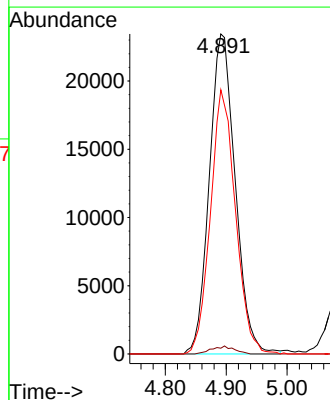
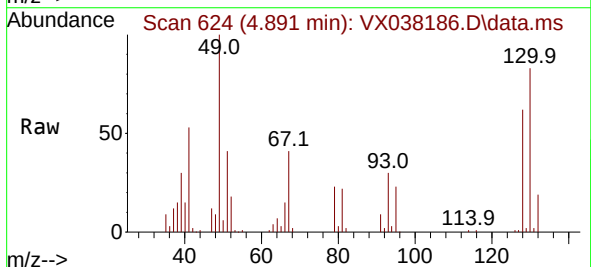
Delta R.T. -0.006 min

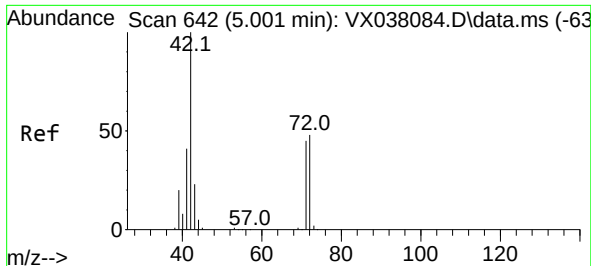
Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion: 49 Resp: 69286

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	79.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 231.131 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 22951

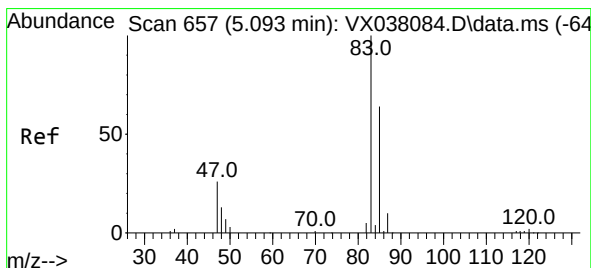
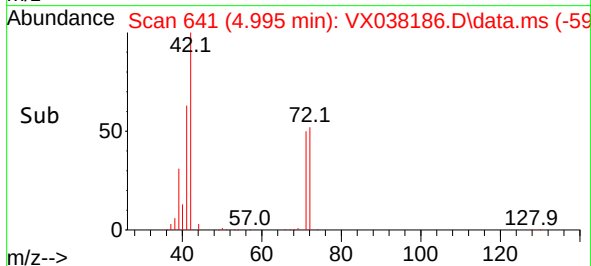
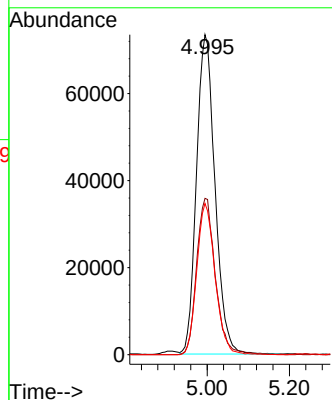
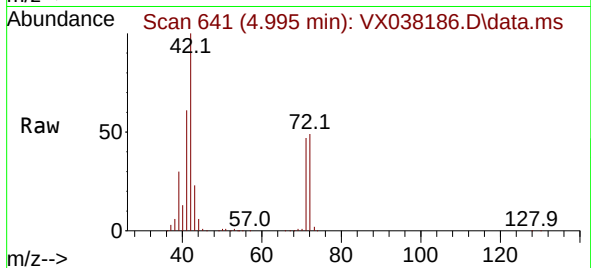
Ion	Ratio	Lower	Upper
42	100		
72	49.5	34.2	51.4
71	46.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#30

Chloroform

Concen: 49.932 ug/l

RT: 5.086 min Scan# 656

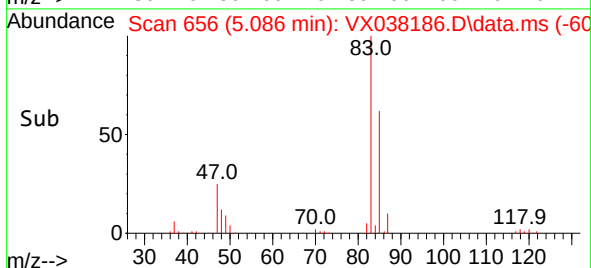
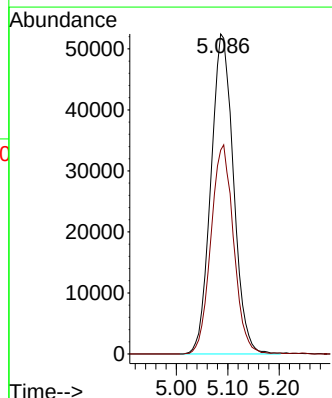
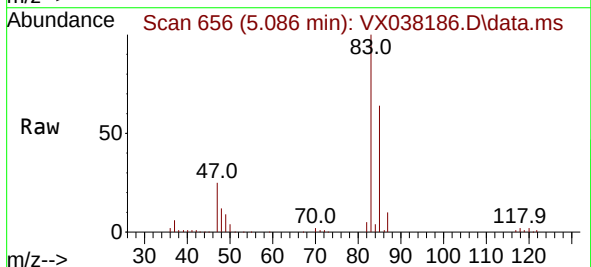
Delta R.T. -0.007 min

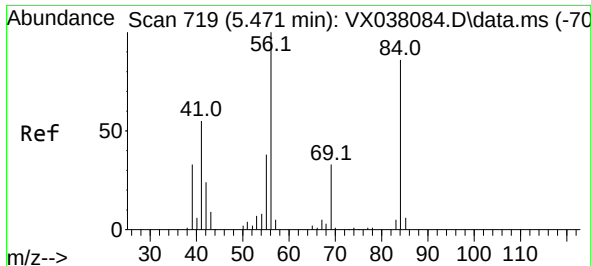
Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion: 83 Resp: 160048

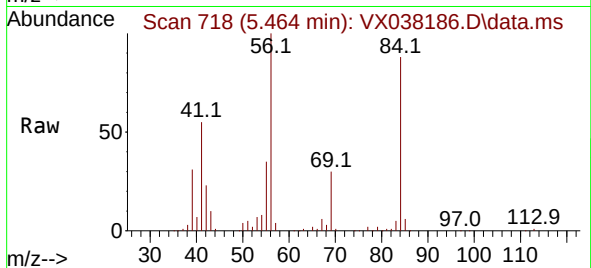
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5





#31
Cyclohexane
Concen: 49.966 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

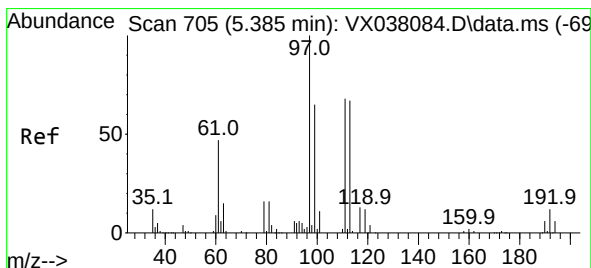
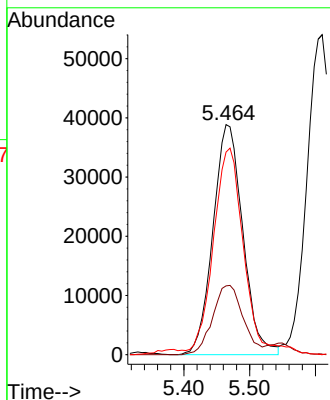
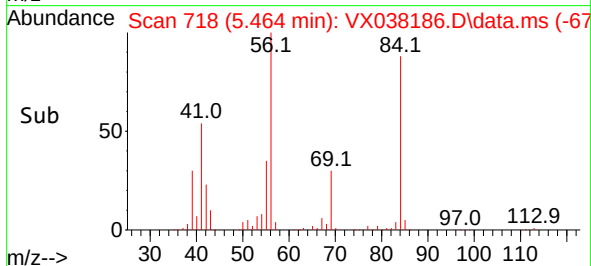
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12261
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 86.3 65.9 98.9

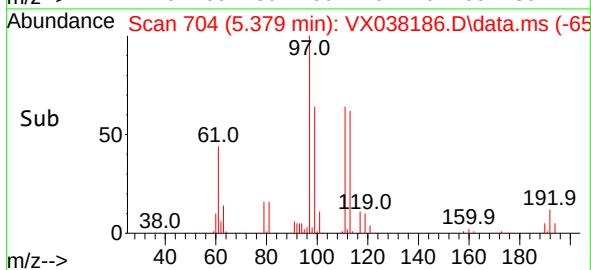
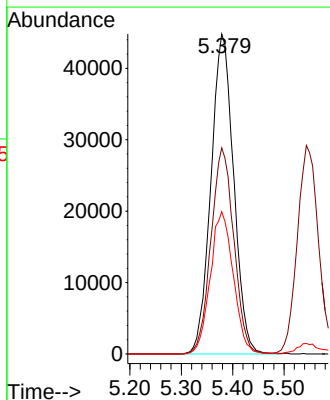
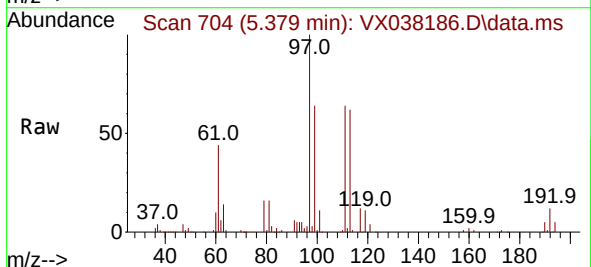
Manual Integrations
APPROVED

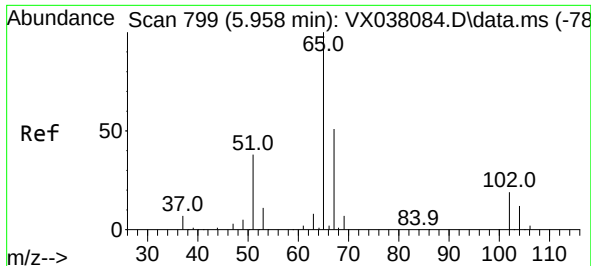
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#32
1,1,1-Trichloroethane
Concen: 50.072 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 97 Resp: 137470
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.824 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 106058

Ion Ratio Lower Upper

65 100

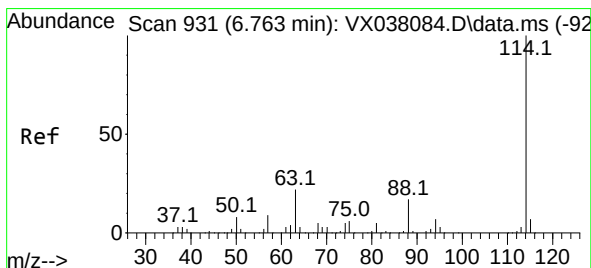
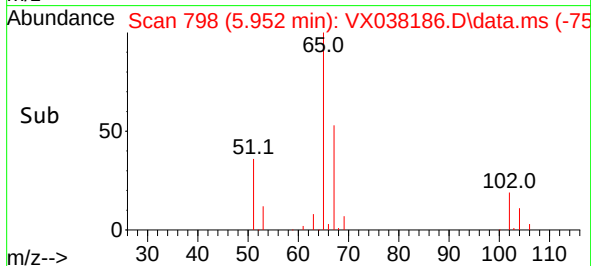
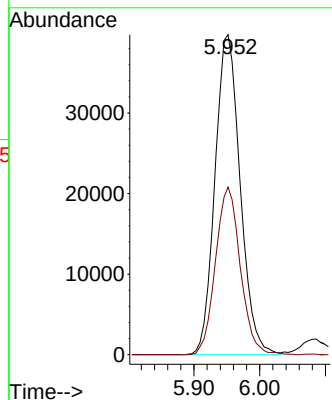
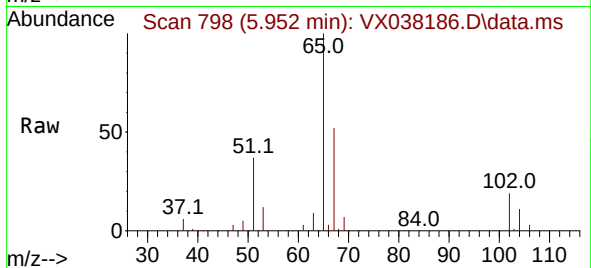
67 51.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

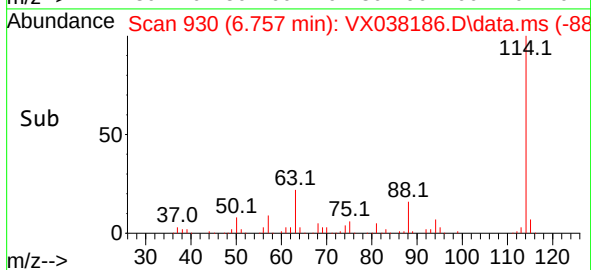
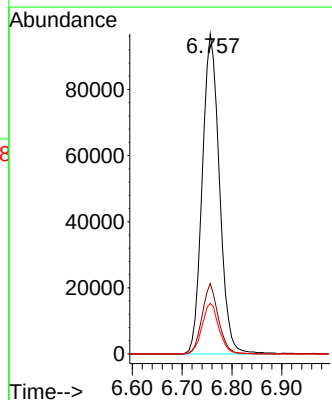
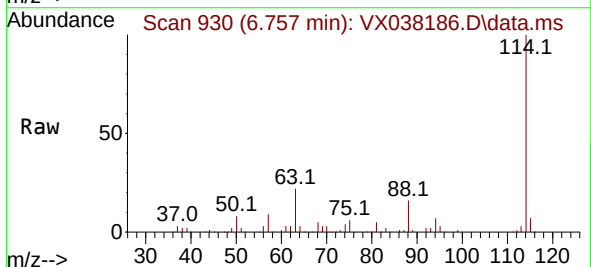
Tgt Ion:114 Resp: 231404

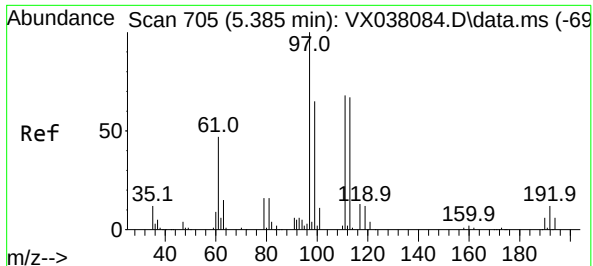
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

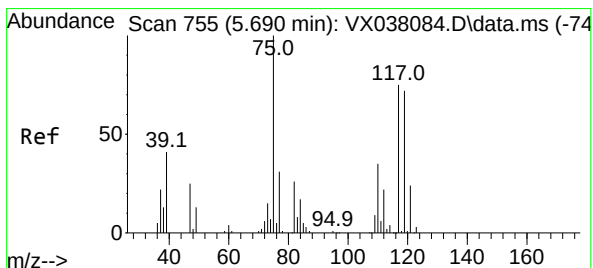
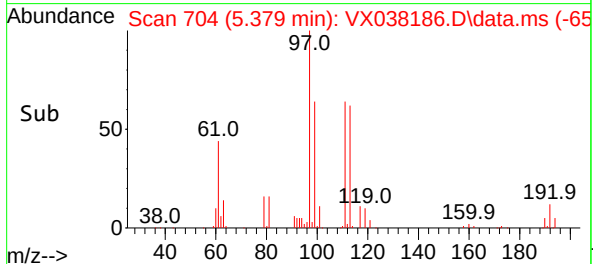
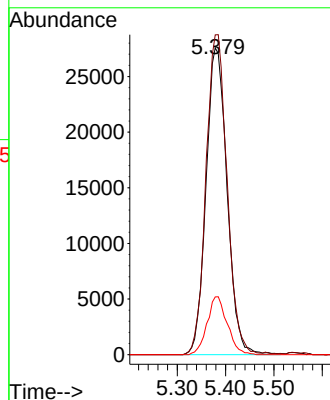
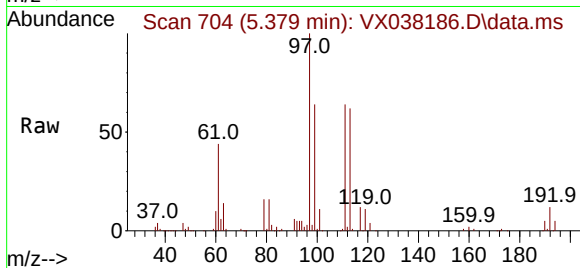
Tgt Ion:	113	Resp:	83420
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.9	124.3
192	18.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#36

1,1-Dichloropropene

Concen: 48.705 ug/l

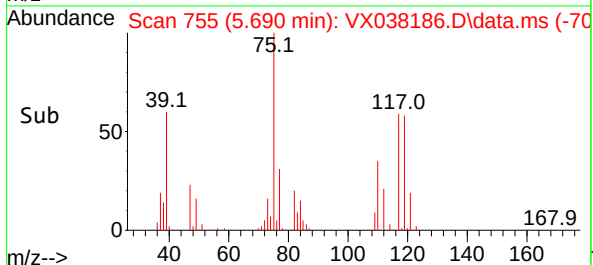
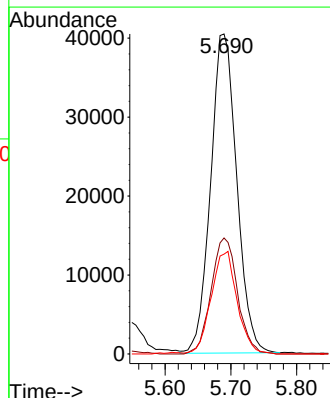
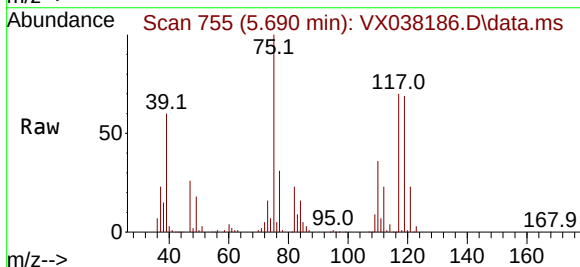
RT: 5.690 min Scan# 755

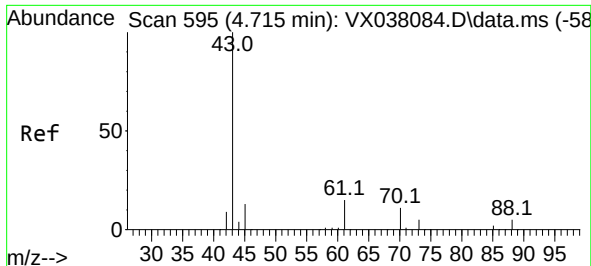
Delta R.T. -0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion:	75	Resp:	111989
Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.0	50.9
77	31.9	24.7	37.1





#37

Ethyl Acetate

Concen: 49.059 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 133969

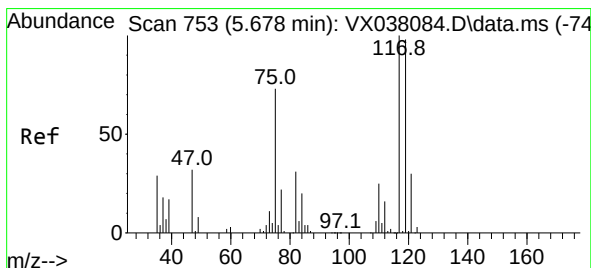
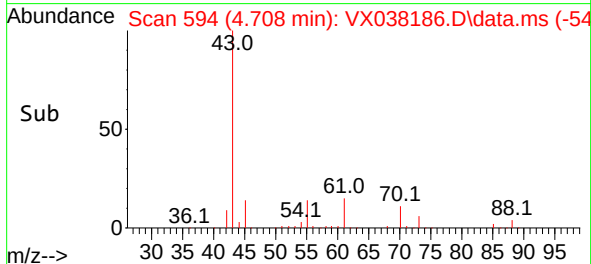
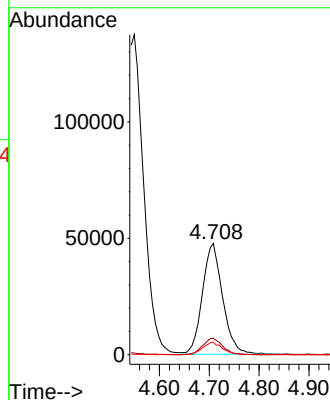
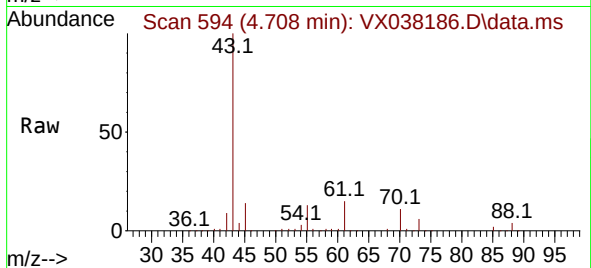
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.6	16.0
70	10.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#38

Carbon Tetrachloride

Concen: 52.358 ug/l

RT: 5.671 min Scan# 752

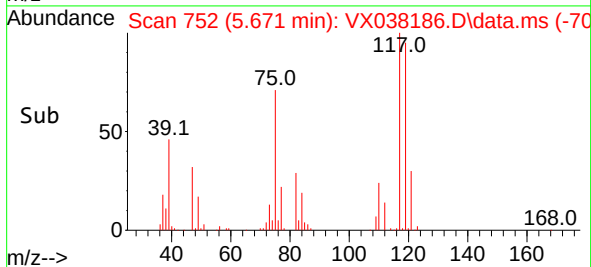
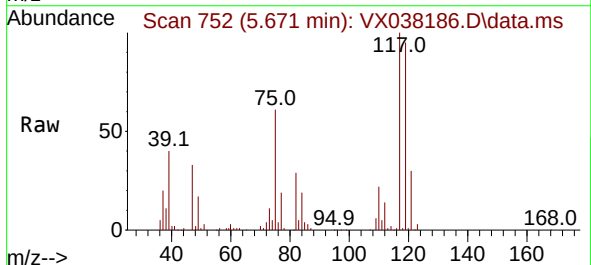
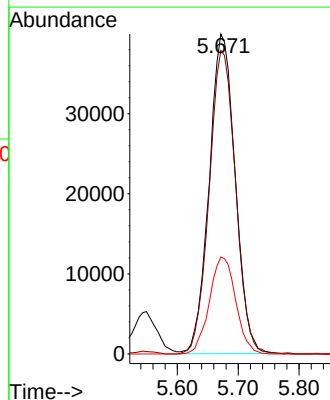
Delta R.T. -0.007 min

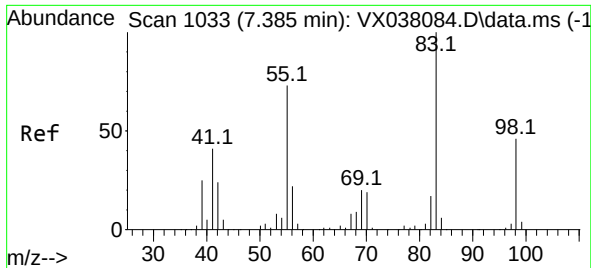
Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion:117 Resp: 118431

Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.2
121	30.4	24.4	36.6





#39
Methylcyclohexane
Concen: 52.439 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

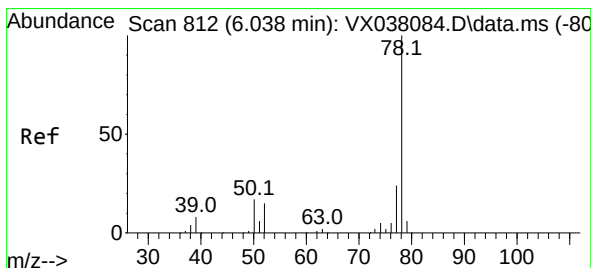
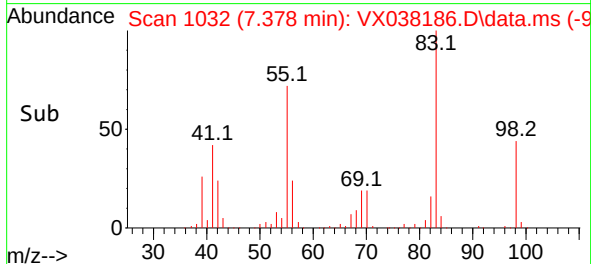
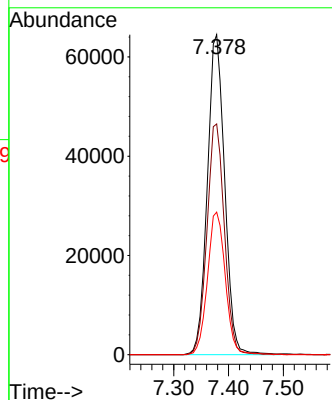
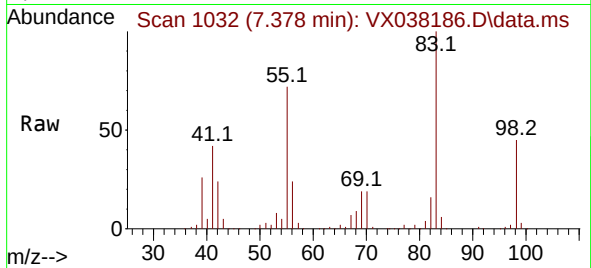
VSTDCCC050

Tgt Ion: 83 Resp: 14123
Ion Ratio Lower Upper
83 100
55 72.1 64.6 97.0
98 44.6 36.7 55.1

Manual Integrations

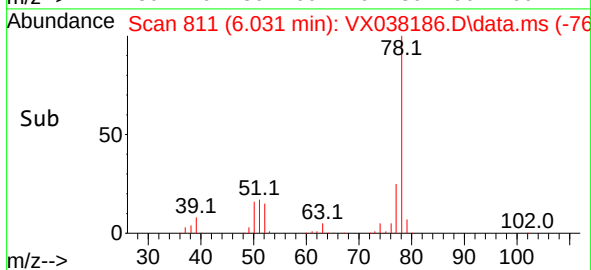
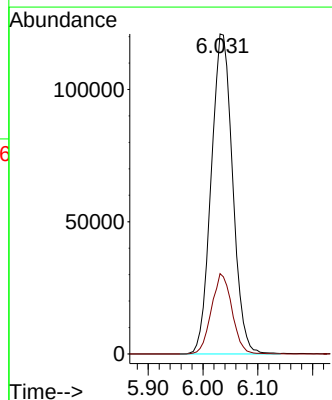
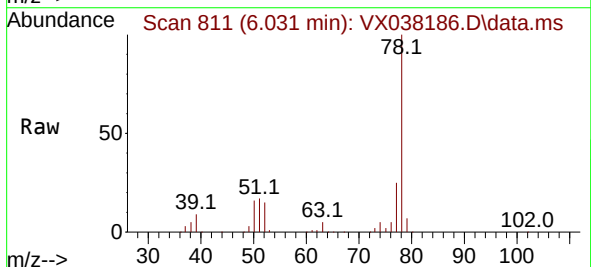
APPROVED

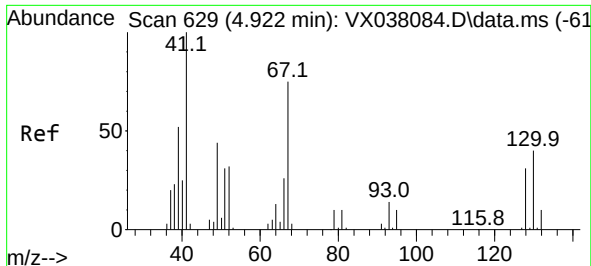
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#40
Benzene
Concen: 50.991 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

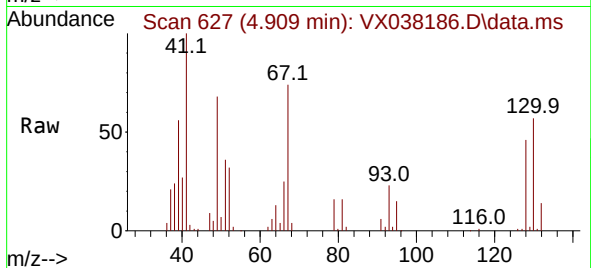
Tgt Ion: 78 Resp: 327929
Ion Ratio Lower Upper
78 100
77 25.1 19.3 28.9





#41
Methacrylonitrile
Concen: 50.304 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

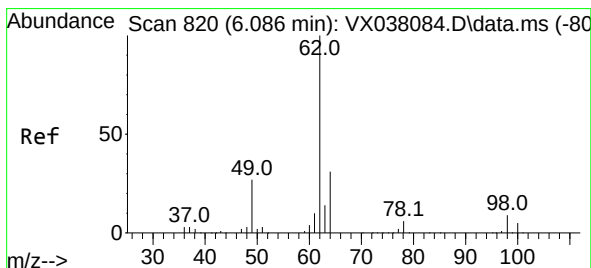
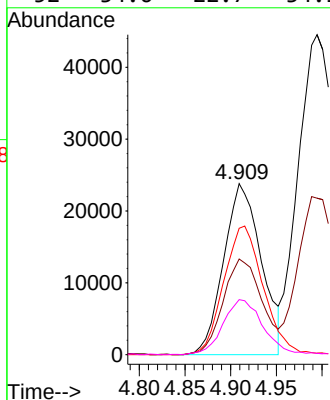
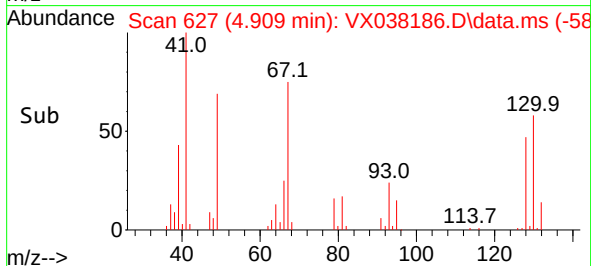
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 68330
Ion Ratio Lower Upper
41 100
39 57.7 45.2 67.8
67 79.3 52.6 78.8
52 34.6 22.7 34.1#

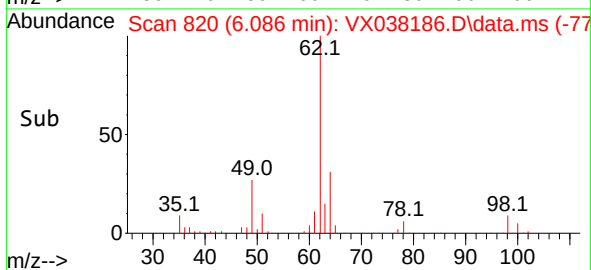
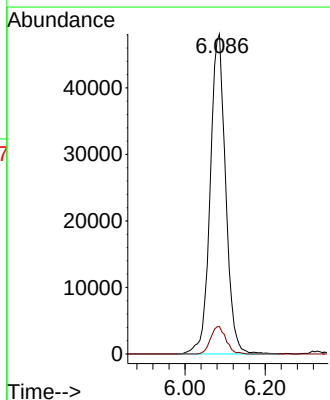
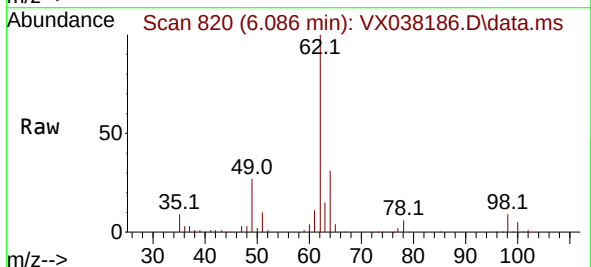
Manual Integrations
APPROVED

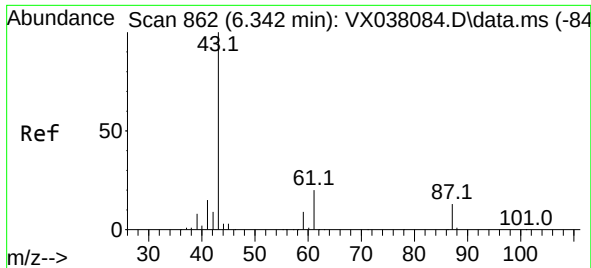
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#42
1,2-Dichloroethane
Concen: 50.055 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

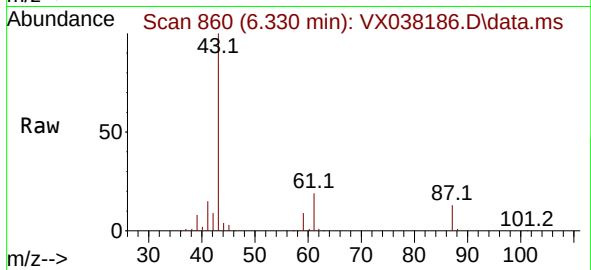
Tgt Ion: 62 Resp: 128615
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.603 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

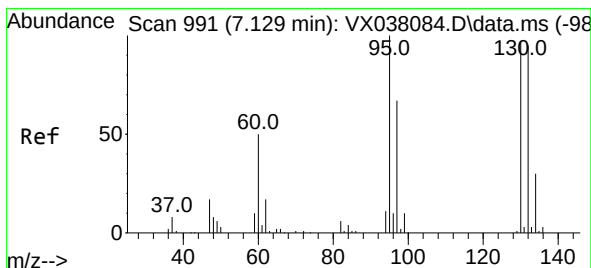
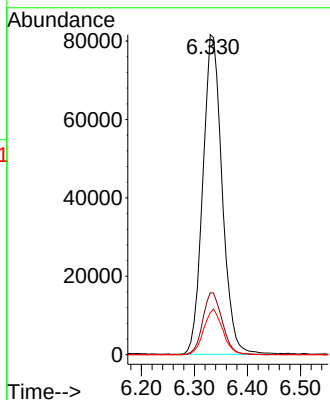
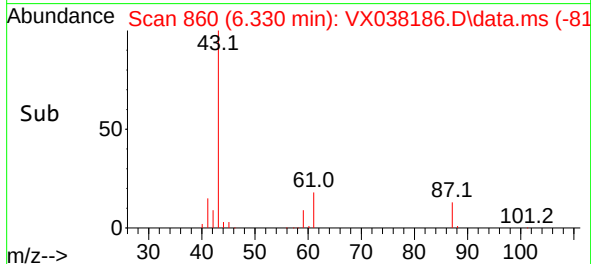
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 20628
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 14.1 9.8 14.6

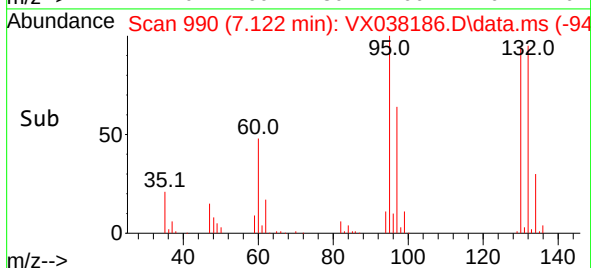
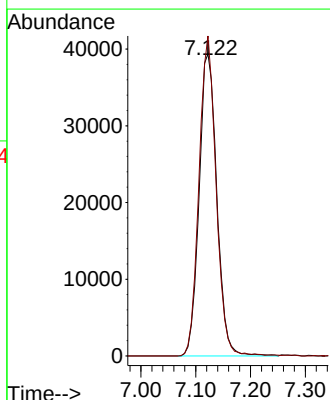
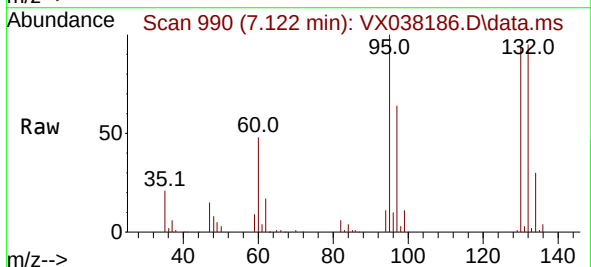
Manual Integrations
APPROVED

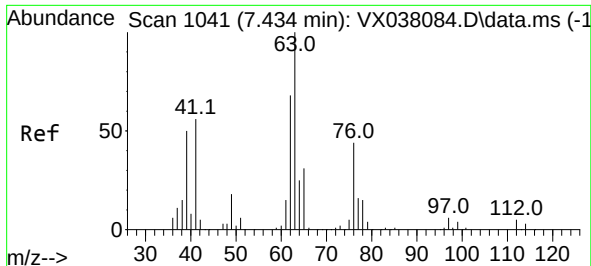
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#44
Trichloroethene
Concen: 52.513 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion:130 Resp: 88331
Ion Ratio Lower Upper
130 100
95 105.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.463 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8566

Ion Ratio Lower Upper

63 100

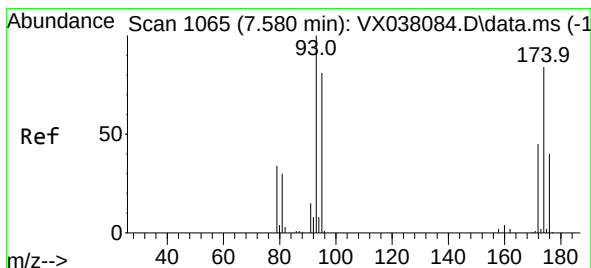
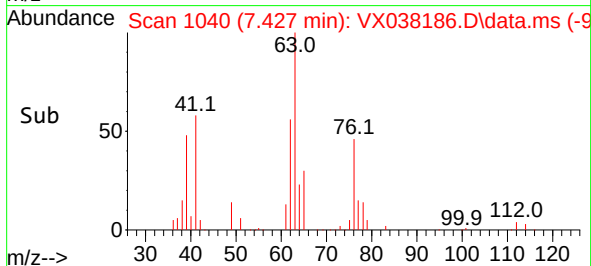
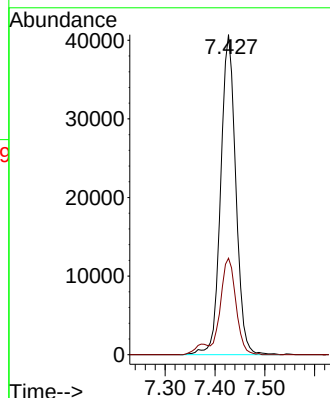
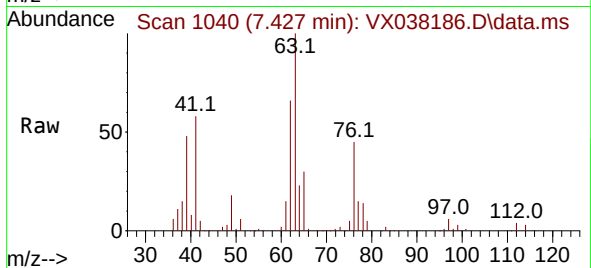
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#46

Dibromomethane

Concen: 51.125 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

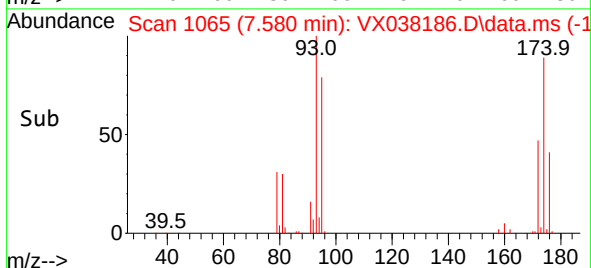
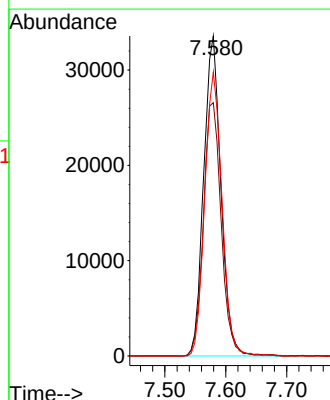
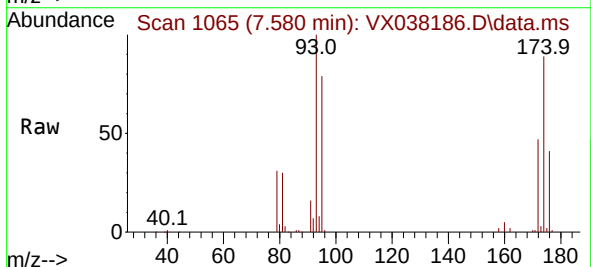
Tgt Ion: 93 Resp: 66001

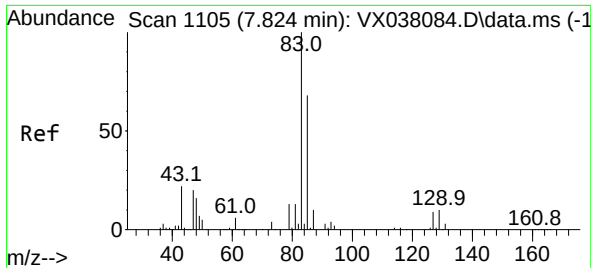
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 88.9 69.4 104.0





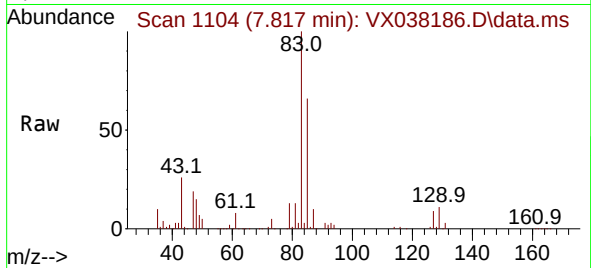
#47
Bromodichloromethane
Concen: 53.523 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



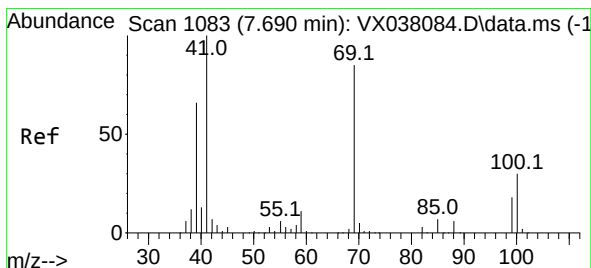
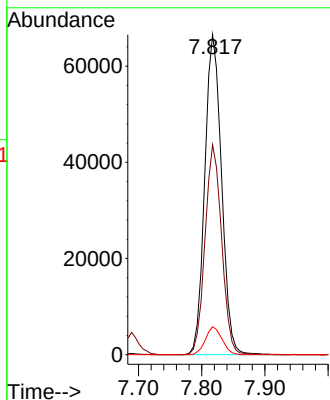
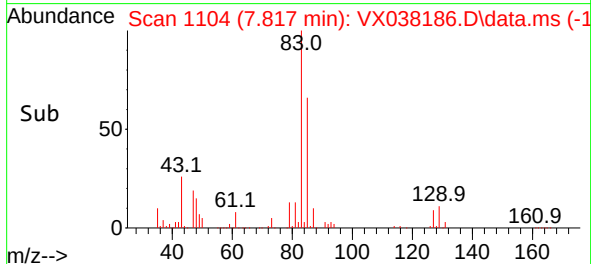
Tgt Ion: 83 Resp: 122918
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.7 7.1 10.7

Manual Integrations

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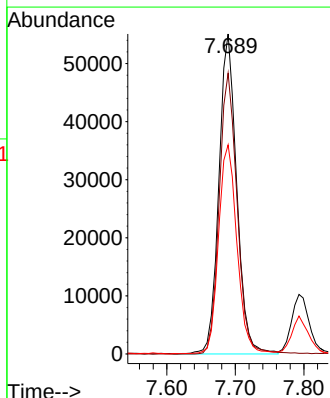
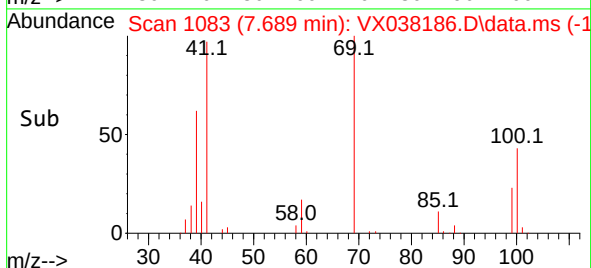
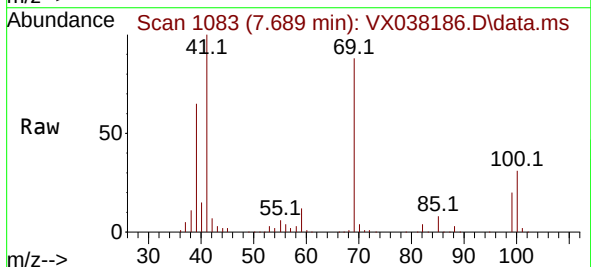
Reviewed By :John Carlone 10/11/2023

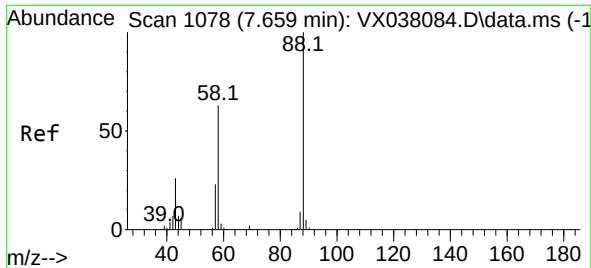
Supervised By :Mahesh Dadoda 10/11/2023



#48
Methyl methacrylate
Concen: 51.024 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

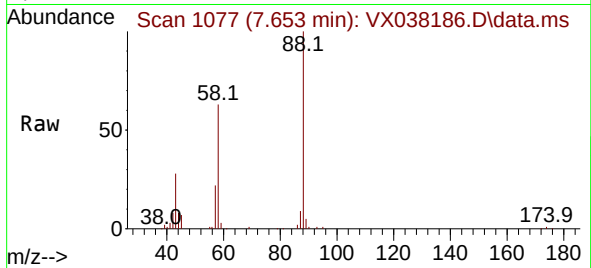
Tgt Ion: 41 Resp: 99297
Ion Ratio Lower Upper
41 100
69 88.2 59.2 88.8
39 67.8 47.7 71.5





#49
1,4-Dioxane
Concen: 900.073 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

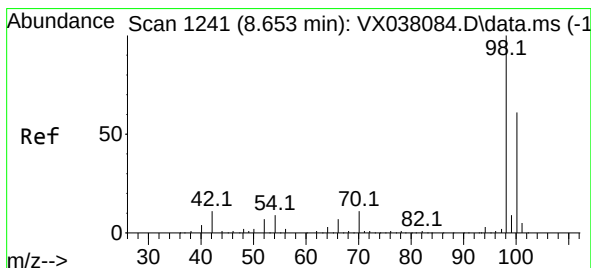
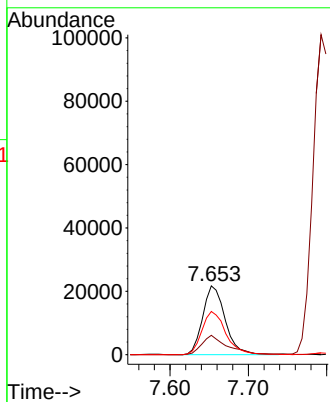
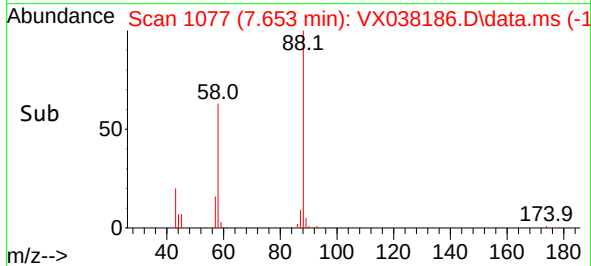
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 43164
Ion Ratio Lower Upper
88 100
43 32.1 0.0 0.0
58 67.0 60.1 90.1

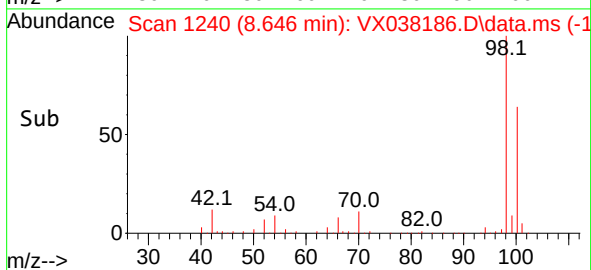
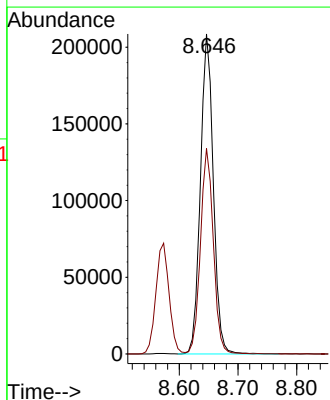
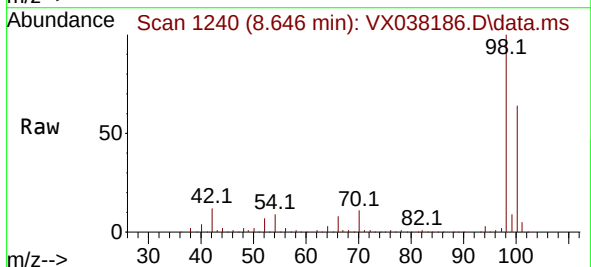
Manual Integrations
APPROVED

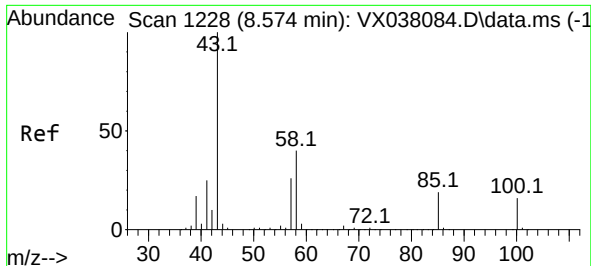
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#50
Toluene-d8
Concen: 49.977 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 98 Resp: 318432
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





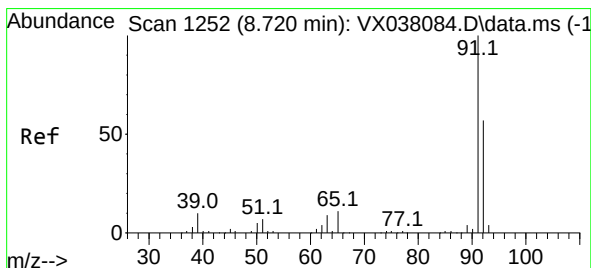
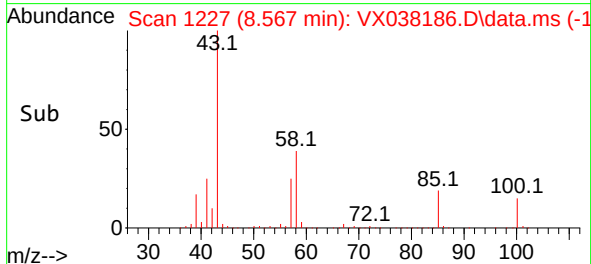
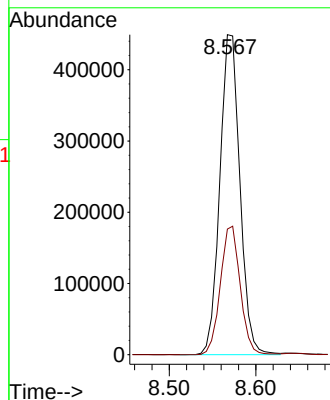
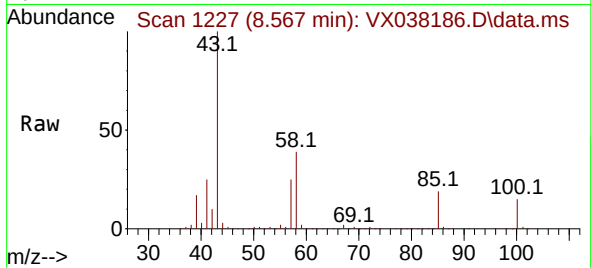
#51
4-Methyl-2-Pentanone
Concen: 257.237 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 72331
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

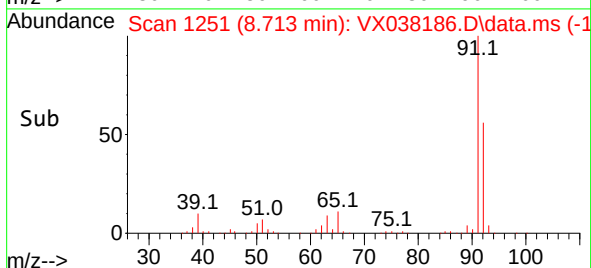
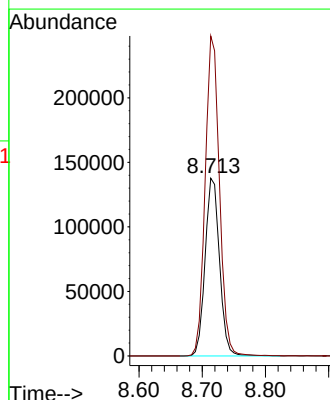
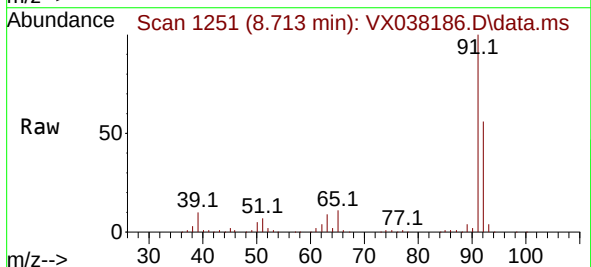
Manual Integrations
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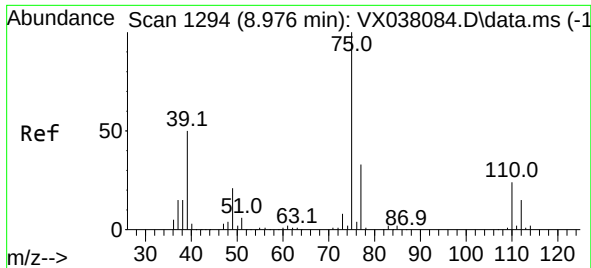
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#52
Toluene
Concen: 52.166 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion: 92 Resp: 218539
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2





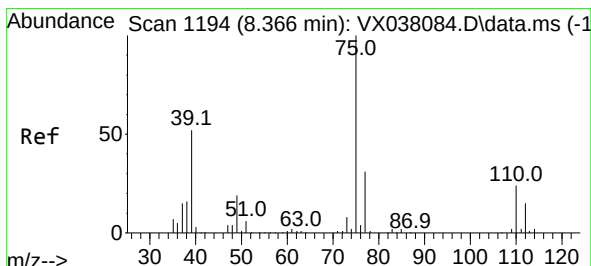
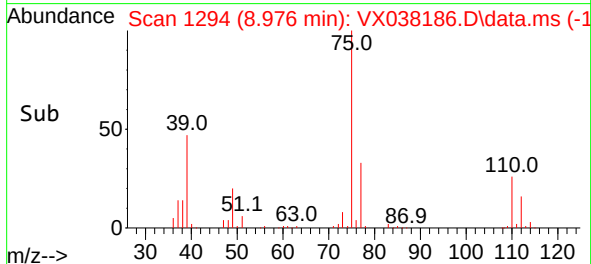
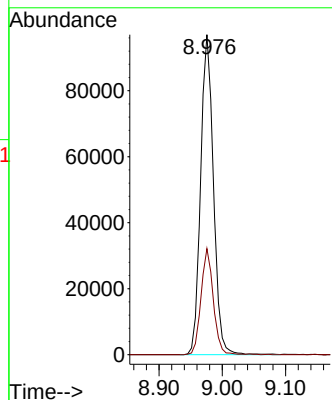
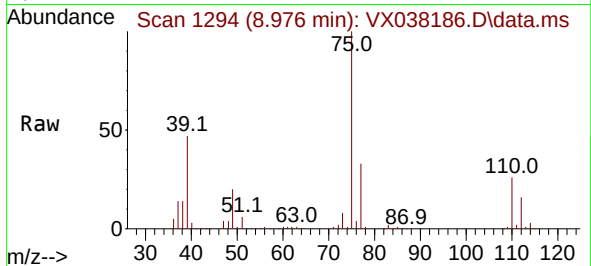
#53
t-1,3-Dichloropropene
Concen: 55.584 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 13702
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5

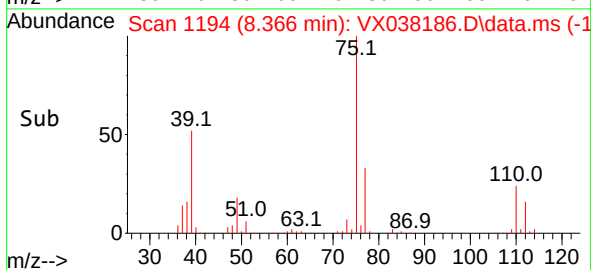
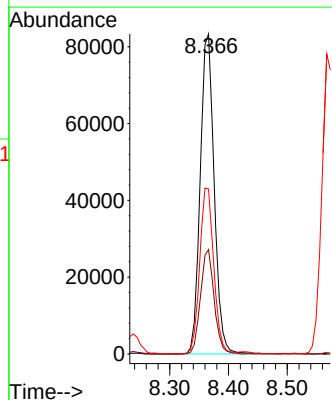
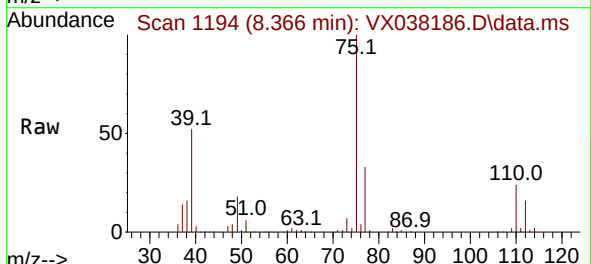
Manual Integrations
APPROVED

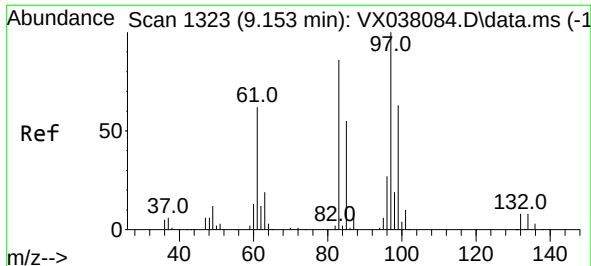
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#54
cis-1,3-Dichloropropene
Concen: 53.228 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

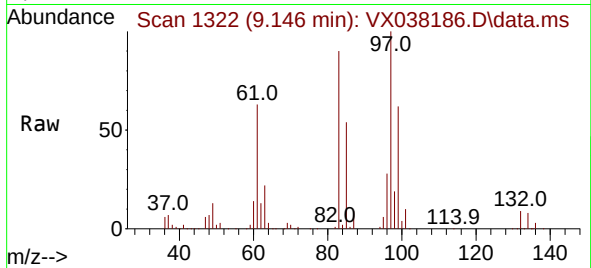
Tgt Ion: 75 Resp: 137859
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 51.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.629 ug/l
RT: 9.146 min Scan# 1323
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

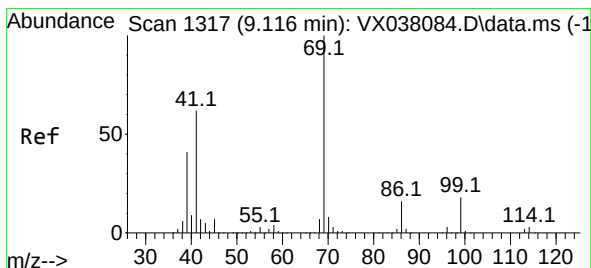
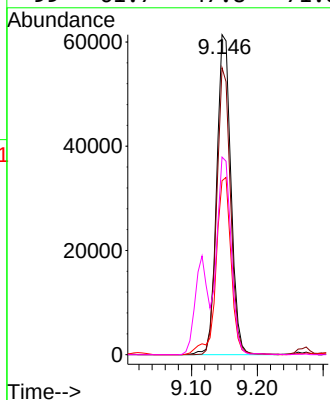
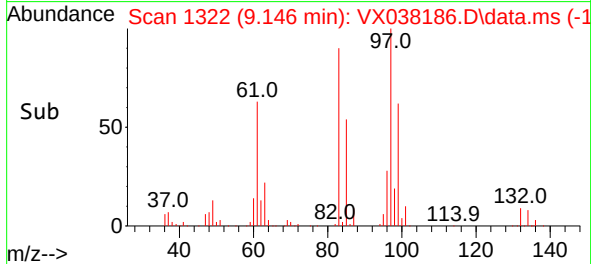
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.7	65.8	98.8
85	54.4	41.6	62.4
99	61.7	47.8	71.8

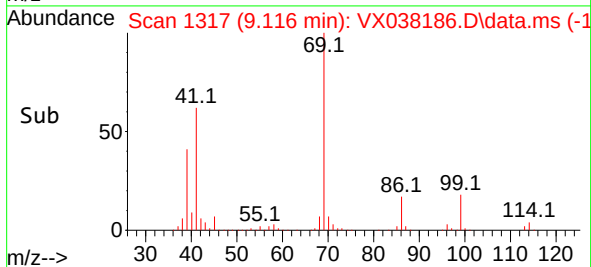
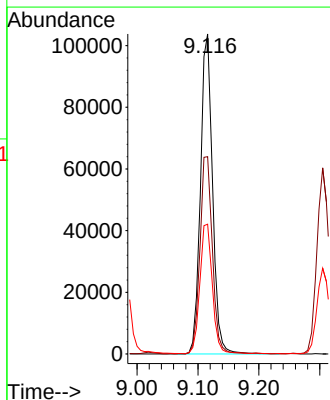
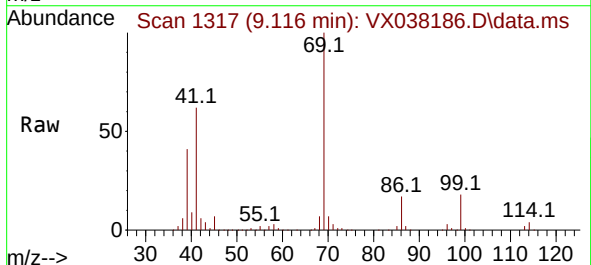
Manual Integrations
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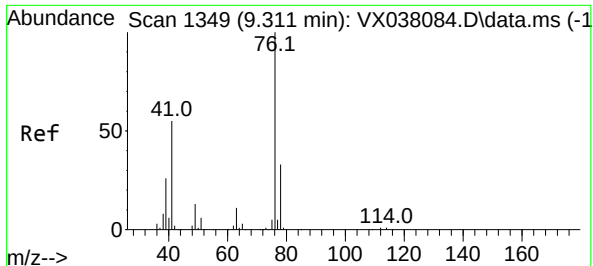
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#56
Ethyl methacrylate
Concen: 52.237 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	56.8	85.2
39	41.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.243 ug/l

RT: 9.305 min Scan# 1140

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15140

Ion Ratio Lower Upper

76 100

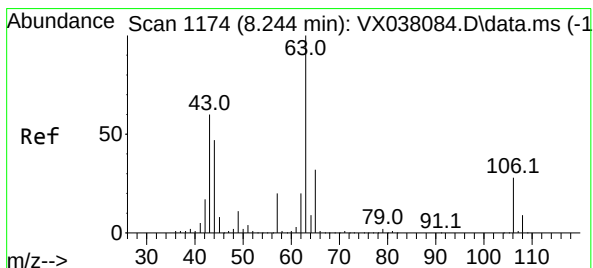
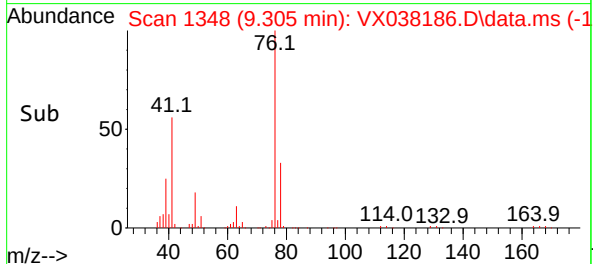
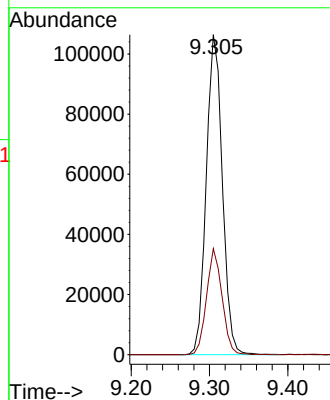
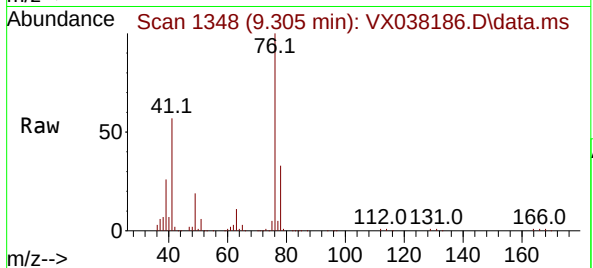
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.626 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038186.D

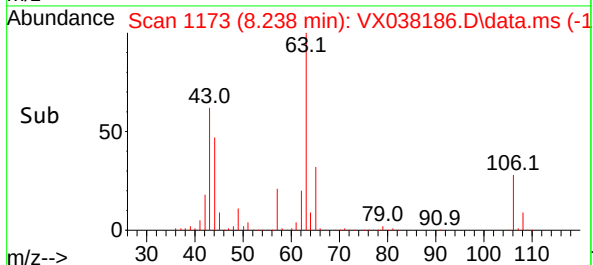
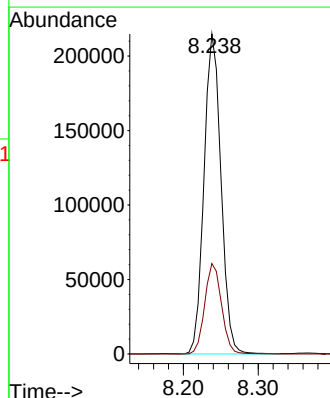
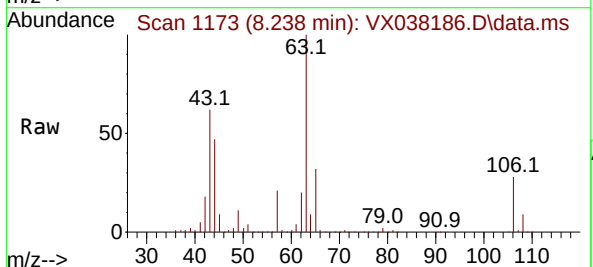
Acq: 10 Oct 2023 09:13

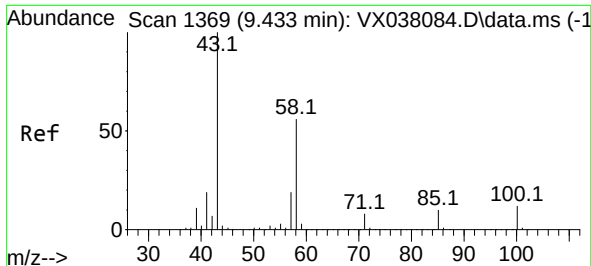
Tgt Ion: 63 Resp: 339331

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7





#59

2-Hexanone

Concen: 269.338 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 60884

Ion Ratio Lower Upper

43 100

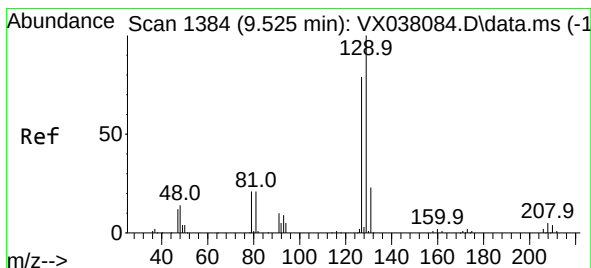
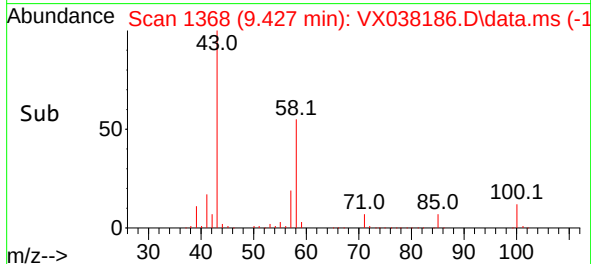
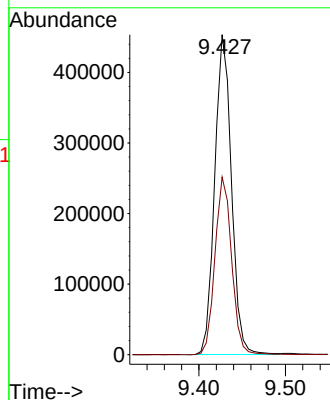
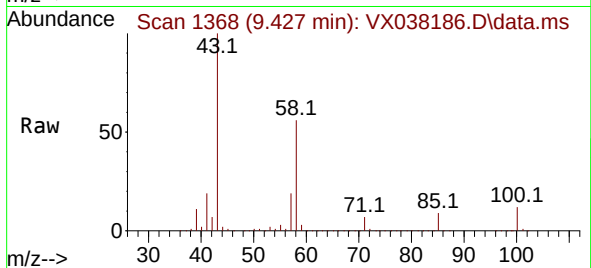
58 55.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#60

Dibromochloromethane

Concen: 55.955 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.007 min

Lab File: VX038186.D

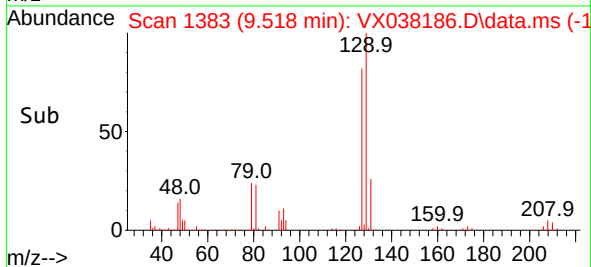
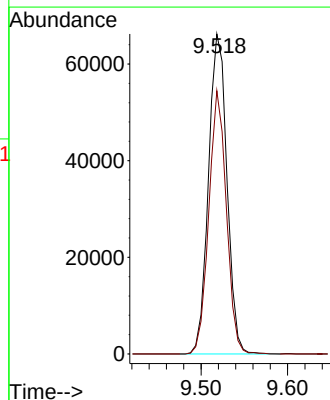
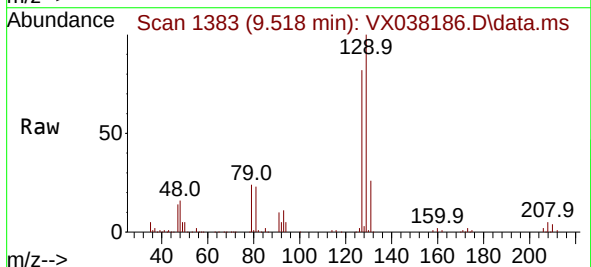
Acq: 10 Oct 2023 09:13

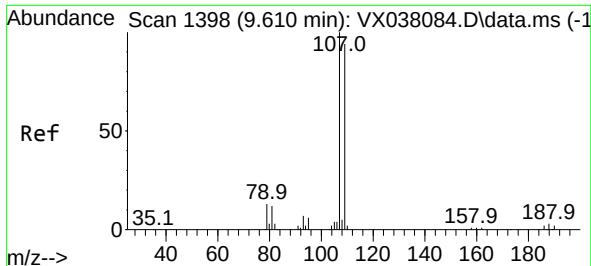
Tgt Ion:129 Resp: 98129

Ion Ratio Lower Upper

129 100

127 78.2 38.8 116.4





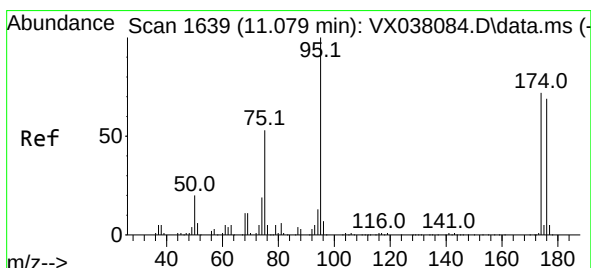
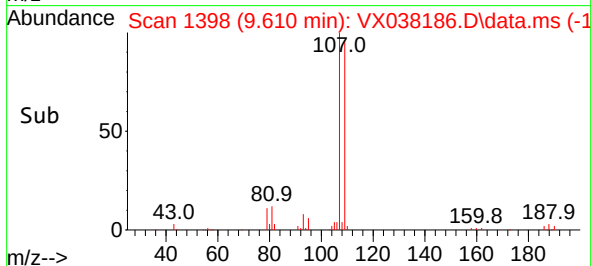
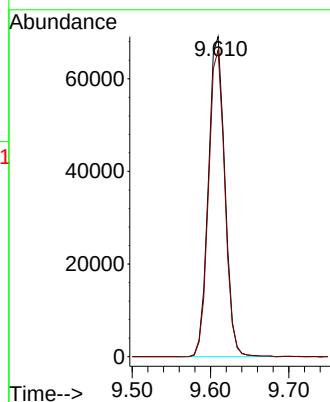
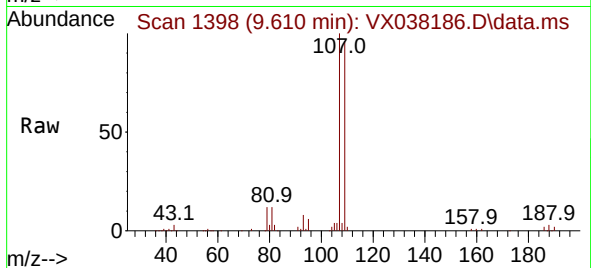
#61
1,2-Dibromoethane
Concen: 52.011 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 100783
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

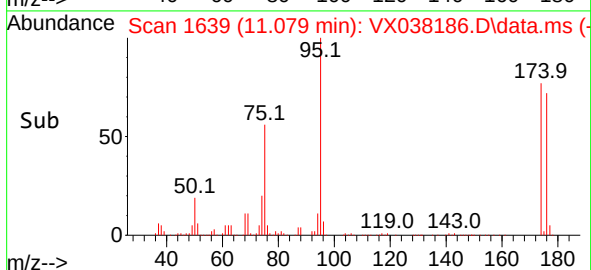
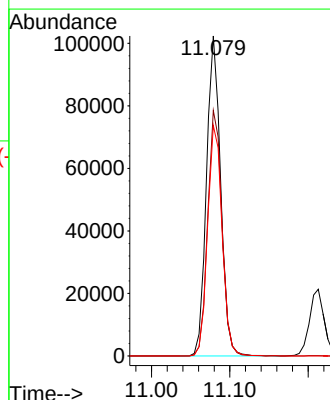
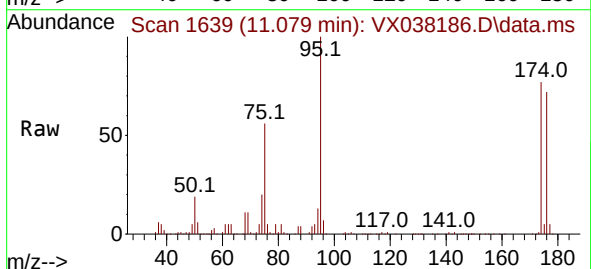
Manual Integrations
APPROVED

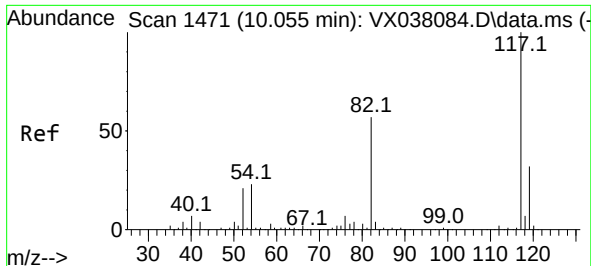
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#62
4-Bromofluorobenzene
Concen: 52.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

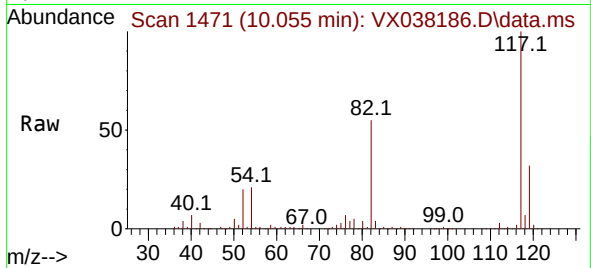
Tgt Ion: 95 Resp: 127528
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 73.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

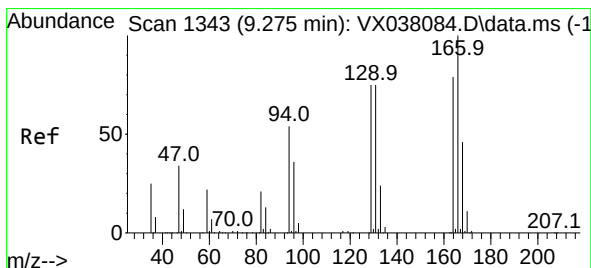
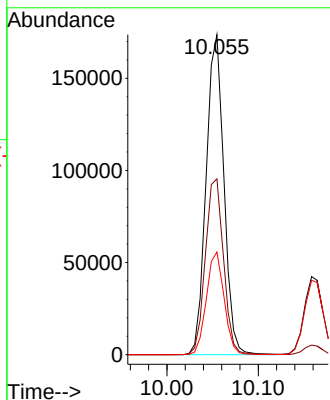
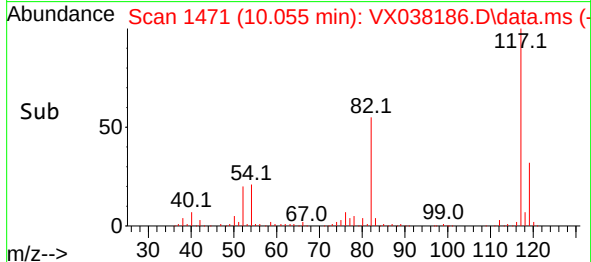
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 233830
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 32.1 25.5 38.3

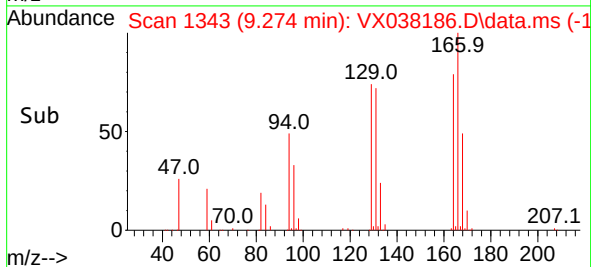
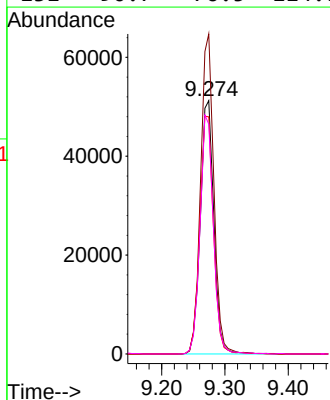
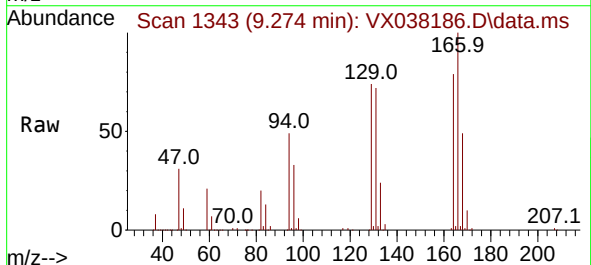
Manual Integrations
APPROVED

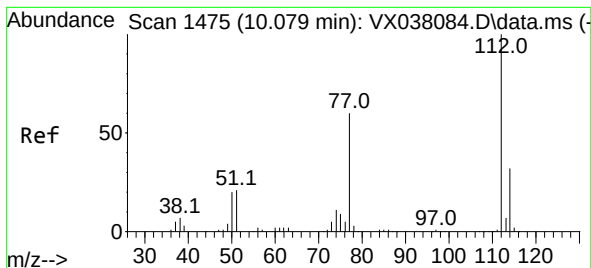
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#64
Tetrachloroethene
Concen: 50.157 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion:164 Resp: 75925
Ion Ratio Lower Upper
164 100
166 126.3 102.7 154.1
129 93.6 80.4 120.6
131 90.7 76.5 114.7





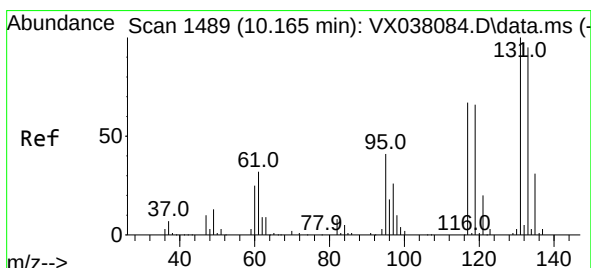
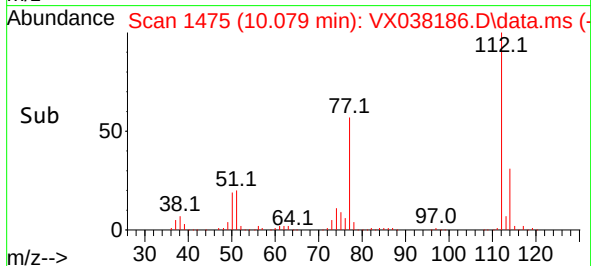
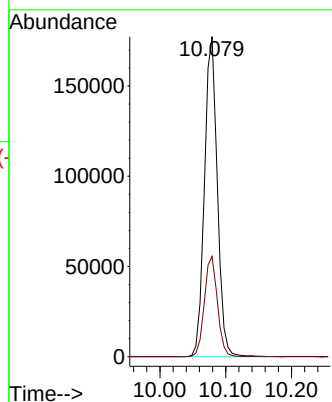
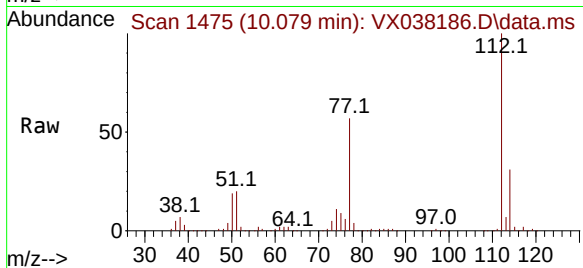
#65
Chlorobenzene
Concen: 49.296 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 241204
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

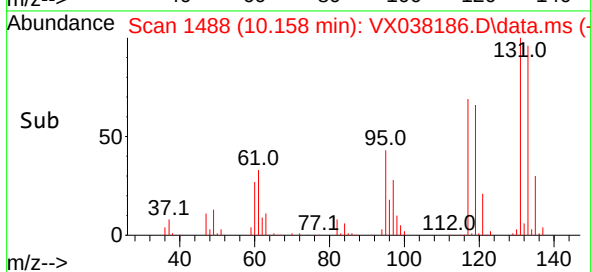
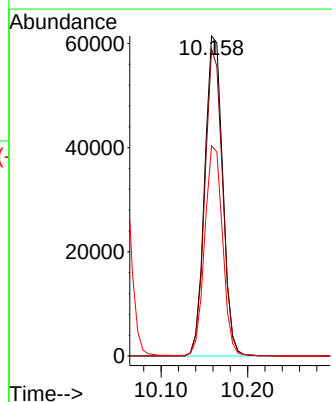
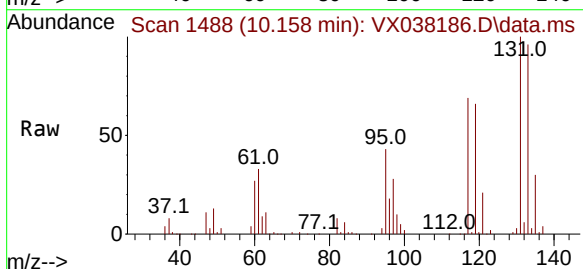
Manual Integrations
APPROVED

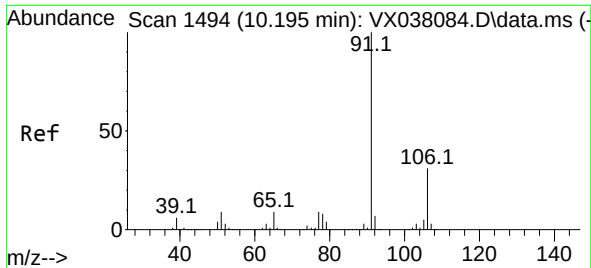
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.349 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

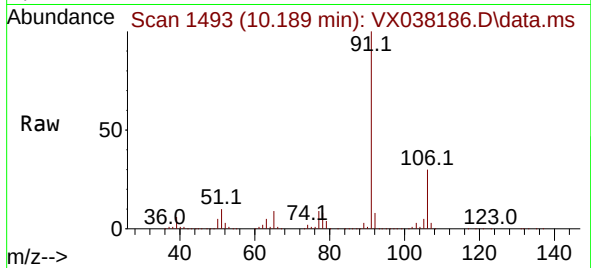
Tgt Ion:131 Resp: 88271
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 50.627 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

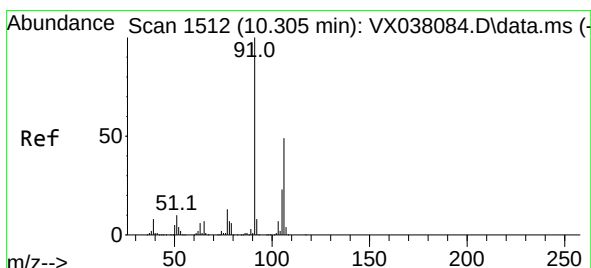
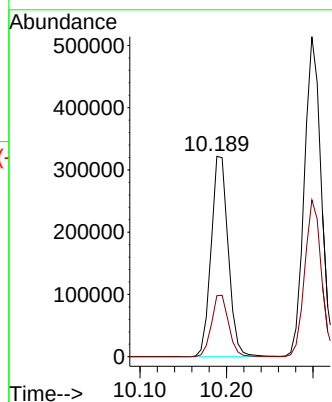
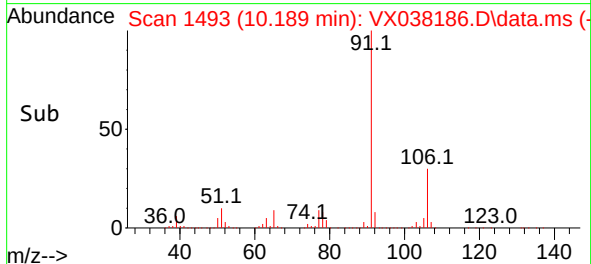
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



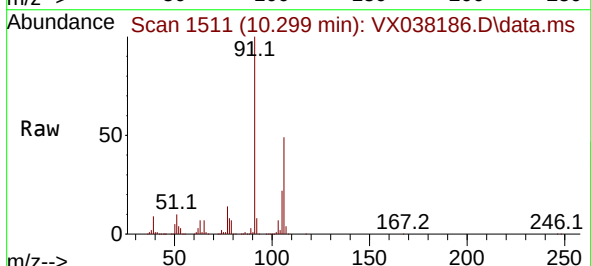
Tgt Ion: 91 Resp: 44217
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
APPROVED

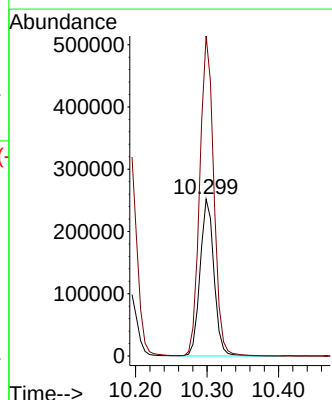
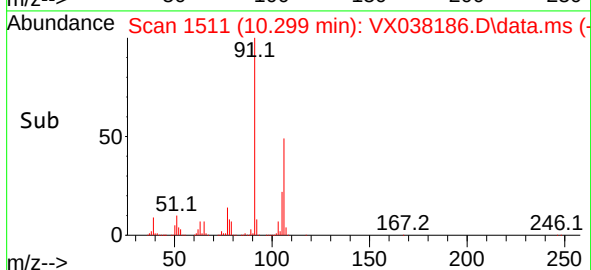
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

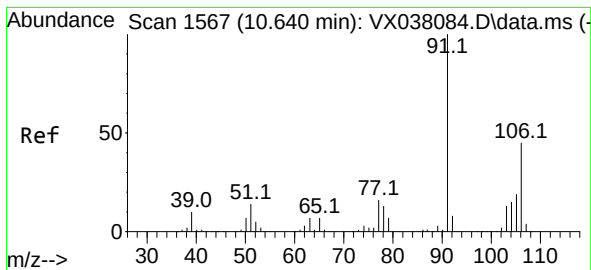


#68
m/p-Xylenes
Concen: 100.148 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



Tgt Ion:106 Resp: 338210
Ion Ratio Lower Upper
106 100
91 206.4 165.5 248.3





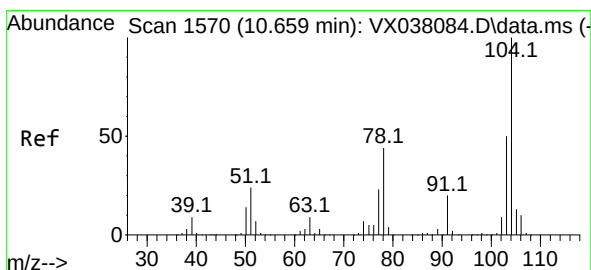
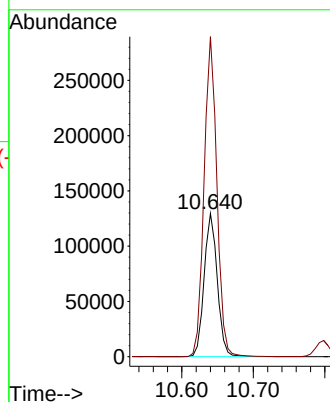
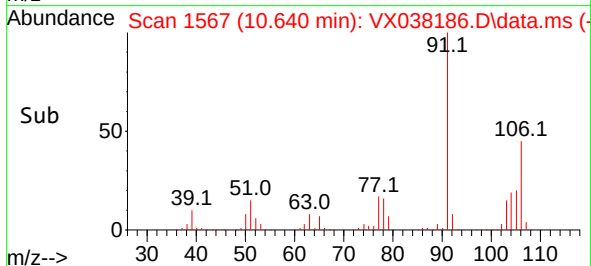
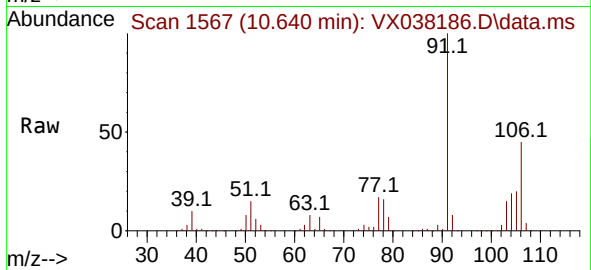
#69
o-Xylene
Concen: 50.156 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 165319
Ion Ratio Lower Upper
106 100
91 218.1 108.9 326.8

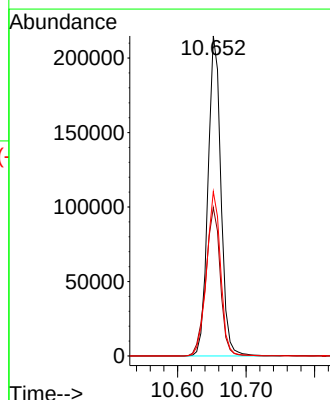
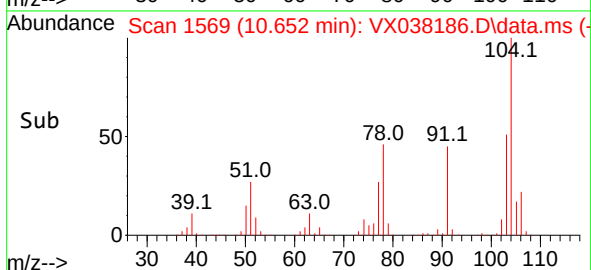
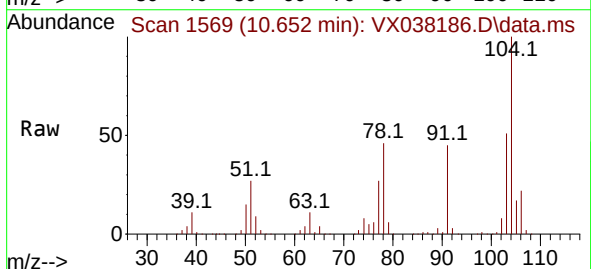
Manual Integrations
APPROVED

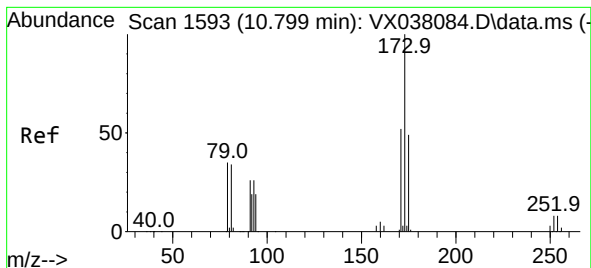
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#70
Styrene
Concen: 52.652 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Tgt Ion:104 Resp: 282619
Ion Ratio Lower Upper
104 100
78 52.0 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 48.985 ug/l

RT: 10.798 min Scan# 1593

Delta R.T. -0.001 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

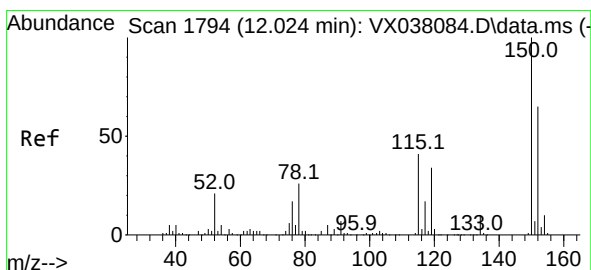
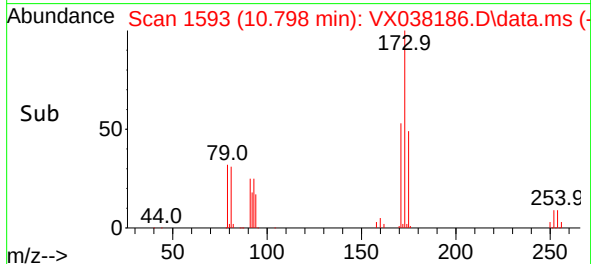
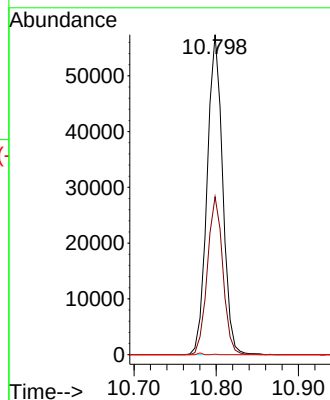
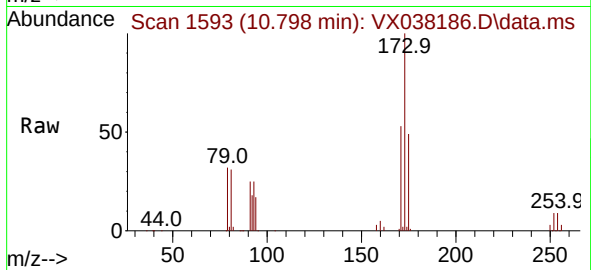
Tgt Ion:173 Resp: 75093
 Ion Ratio Lower Upper
 173 100
 175 49.2 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

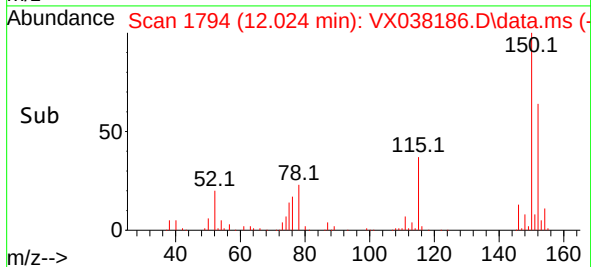
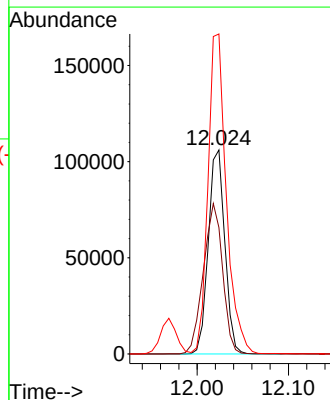
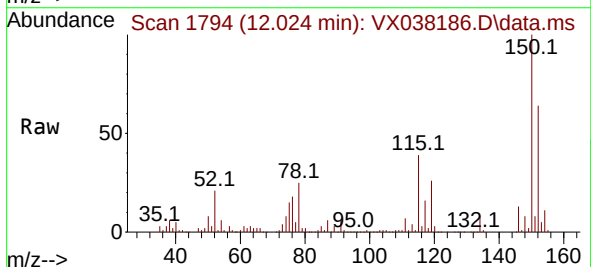
RT: 12.024 min Scan# 1794

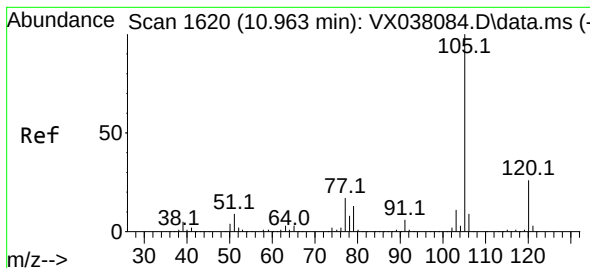
Delta R.T. -0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion:152 Resp: 133166
 Ion Ratio Lower Upper
 152 100
 115 86.0 43.3 129.9
 150 173.5 0.0 345.0





#73

Isopropylbenzene

Concen: 49.403 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 441190

Ion Ratio Lower Upper

105 100

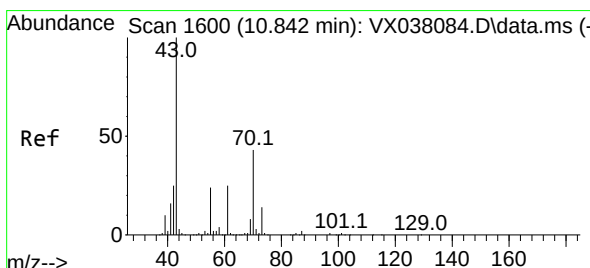
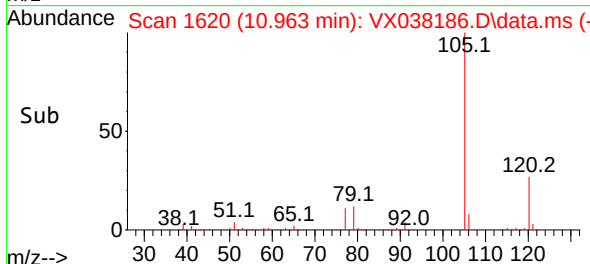
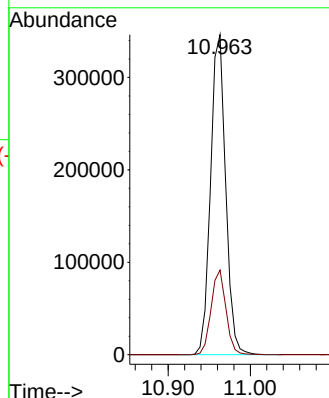
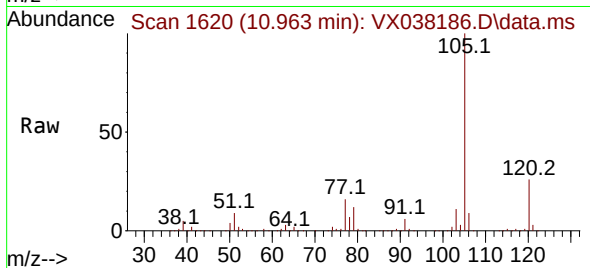
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#74

N-ethyl acetate

Concen: 51.728 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Tgt Ion: 43 Resp: 197272

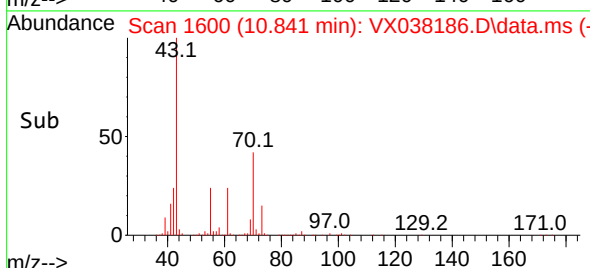
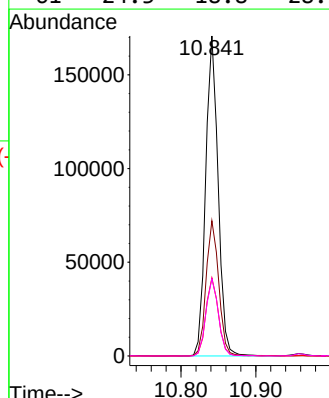
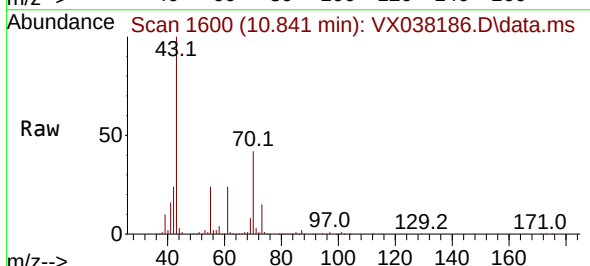
Ion Ratio Lower Upper

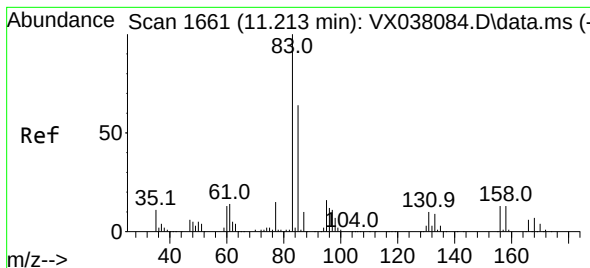
43 100

70 43.1 32.9 49.3

55 24.5 19.3 28.9

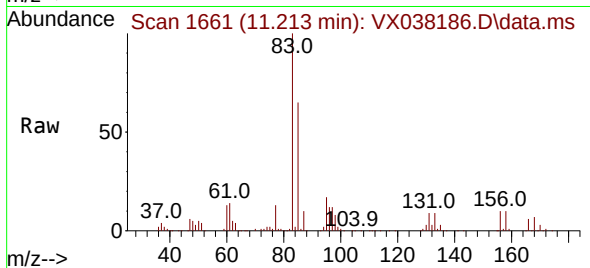
61 24.3 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.669 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13

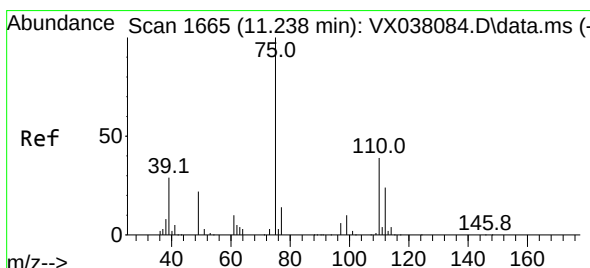
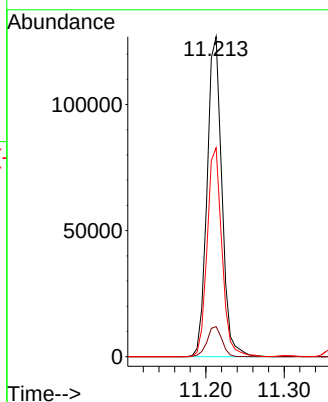
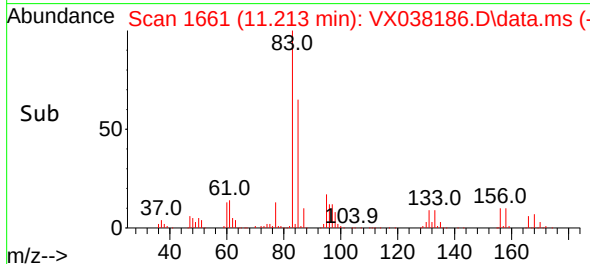
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



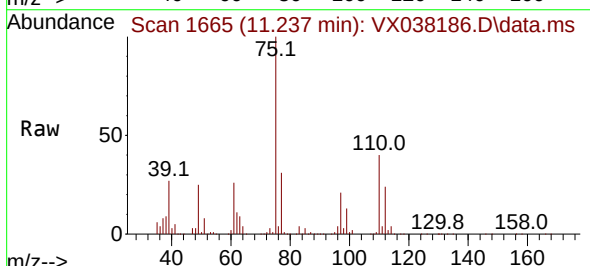
Tgt Ion: 83 Resp: 16604
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.3 15.8
 85 65.2 32.0 96.2

Manual Integrations
 APPROVED

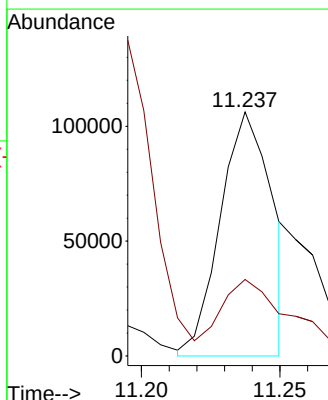
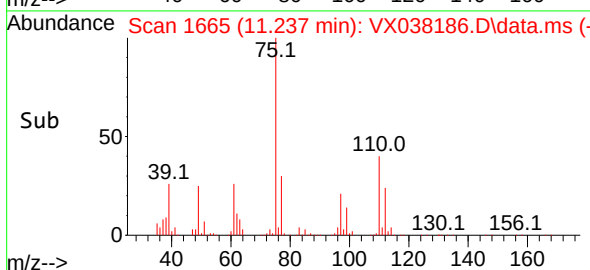
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

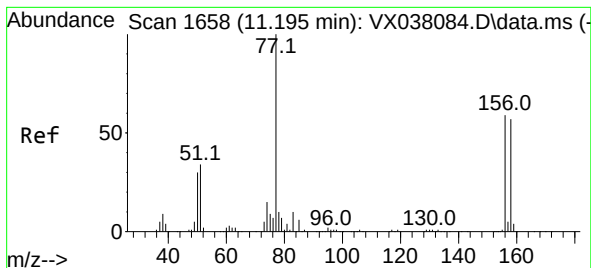


#76
 1,2,3-Trichloropropane
 Concen: 45.825 ug/l m
 RT: 11.237 min Scan# 1665
 Delta R.T. -0.001 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13



Tgt Ion: 75 Resp: 138730
 Ion Ratio Lower Upper
 75 100
 77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 49.374 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 107650

Ion Ratio Lower Upper

156 100

77 163.6 88.4 265.3

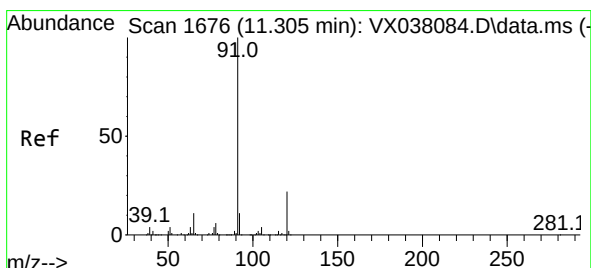
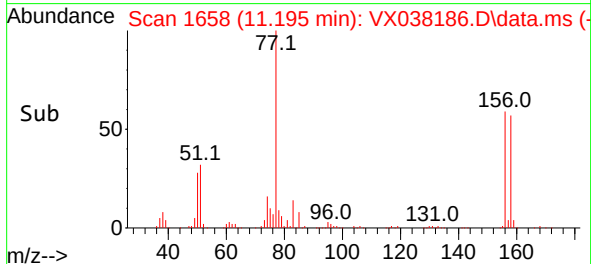
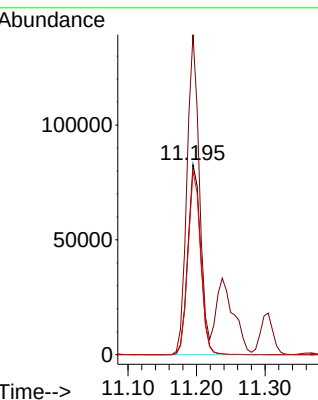
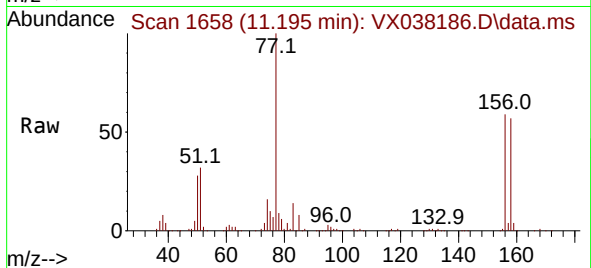
158 96.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#78

n-propylbenzene

Concen: 50.208 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. -0.001 min

Lab File: VX038186.D

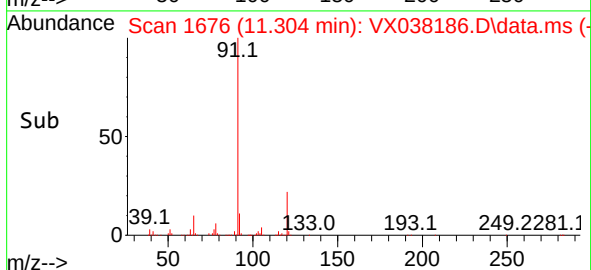
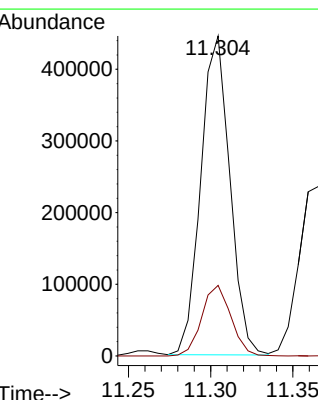
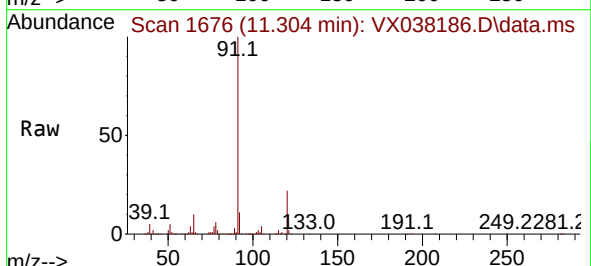
Acq: 10 Oct 2023 09:13

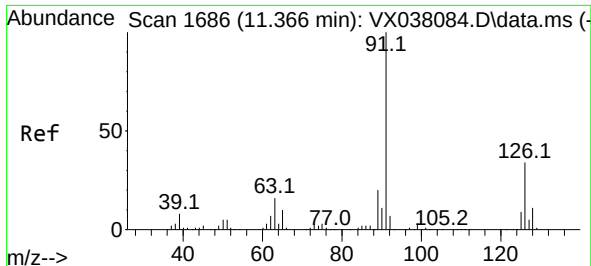
Tgt Ion: 91 Resp: 548260

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4





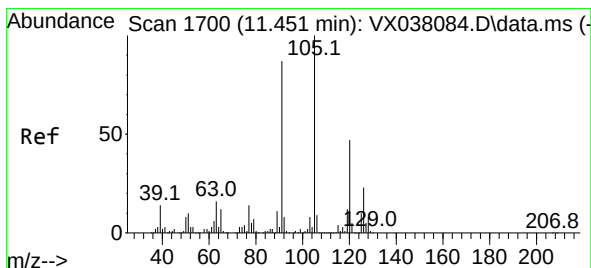
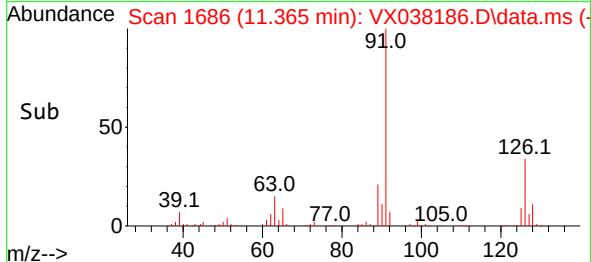
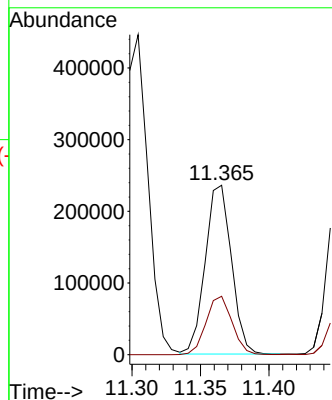
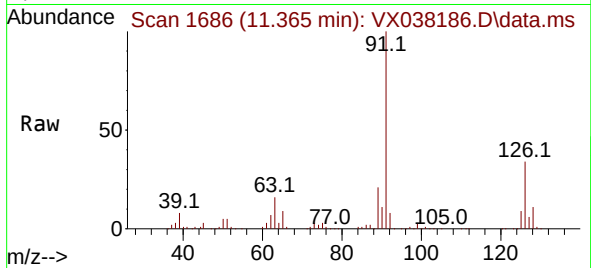
#79
2-Chlorotoluene
Concen: 48.396 ug/l
RT: 11.365 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31341
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

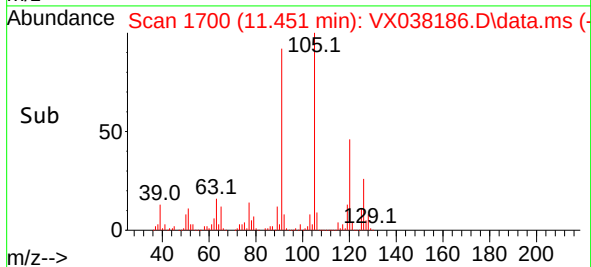
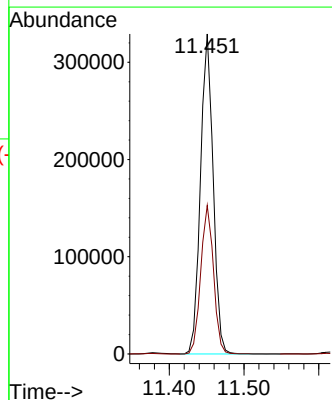
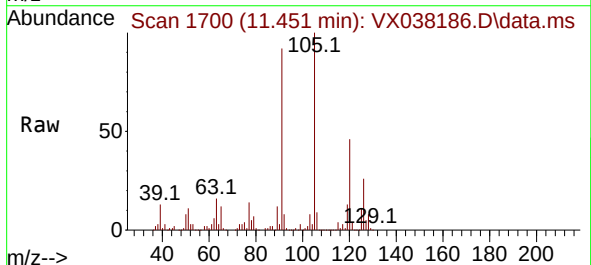
Manual Integrations
APPROVED

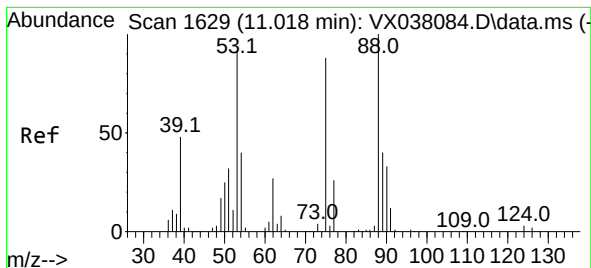
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

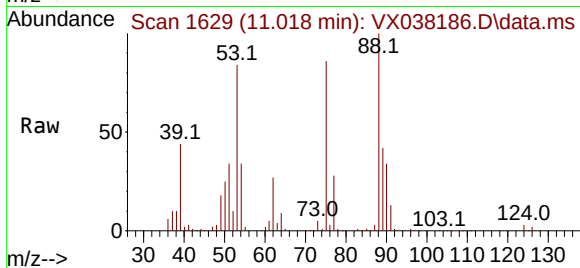
Tgt Ion:105 Resp: 387361
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.048 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

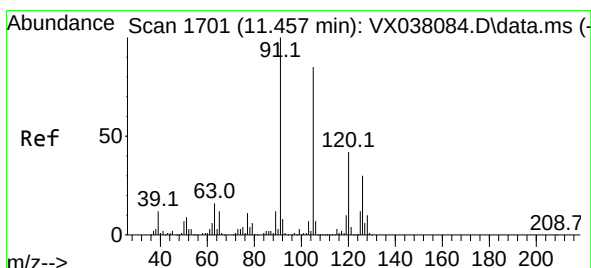
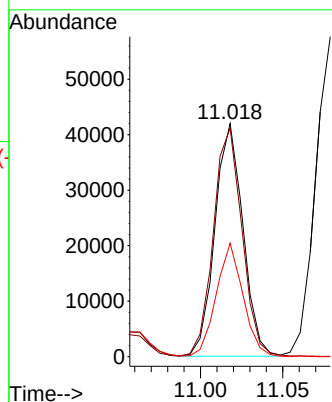
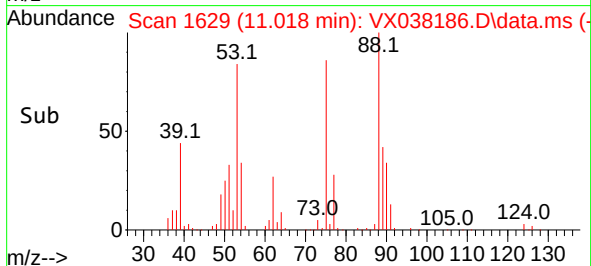
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



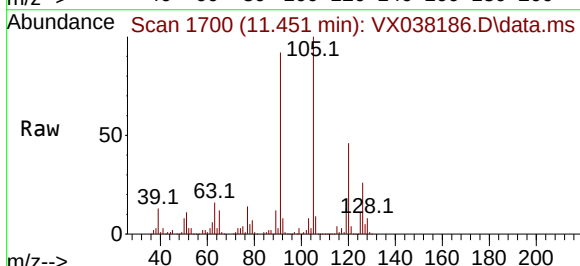
Tgt Ion: 75 Resp: 49638
Ion Ratio Lower Upper
75 100
53 101.1 90.5 135.7
89 46.8 36.9 55.3

Manual Integrations
APPROVED

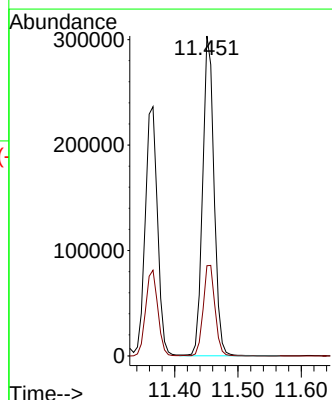
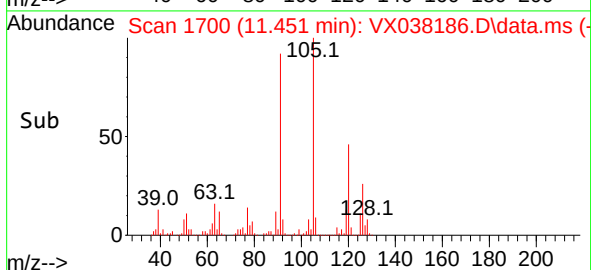
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

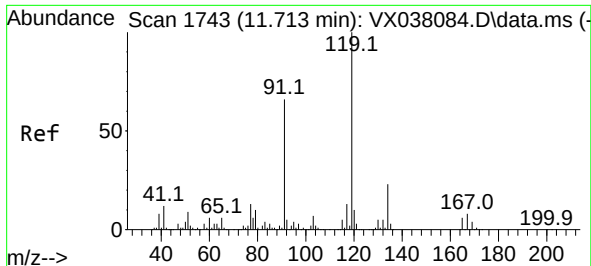


#82
4-Chlorotoluene
Concen: 49.548 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



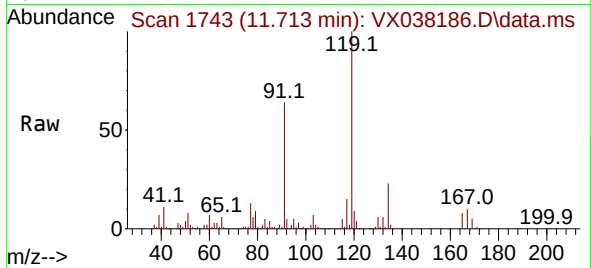
Tgt Ion: 91 Resp: 379693
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.819 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

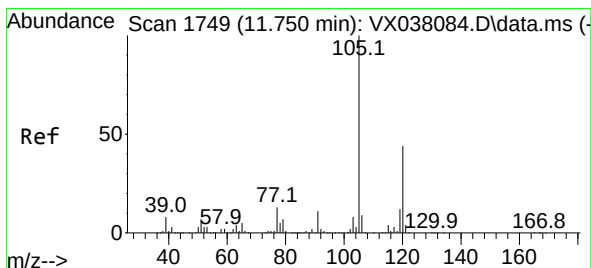
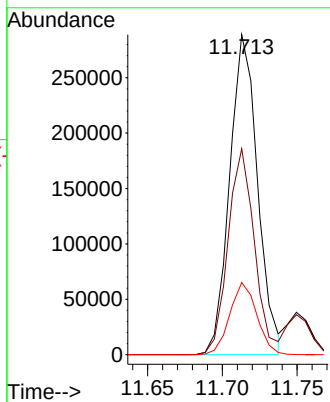
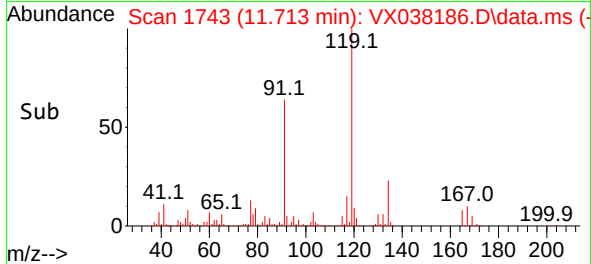
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 375063
Ion Ratio Lower Upper
119 100
91 60.8 31.2 93.6
134 21.9 11.7 35.0

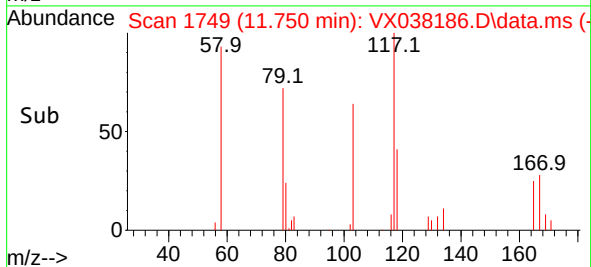
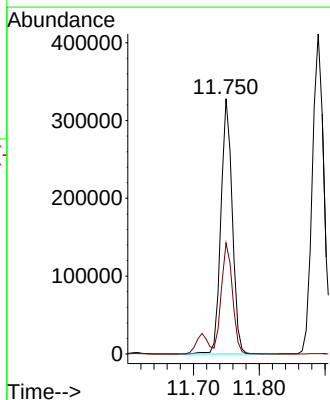
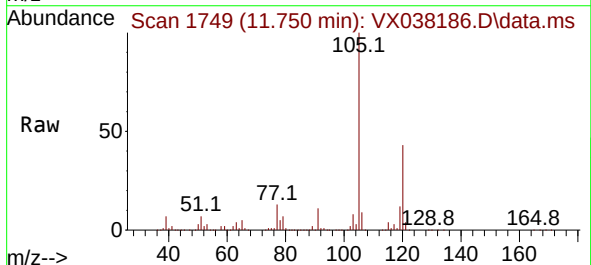
Manual Integrations
APPROVED

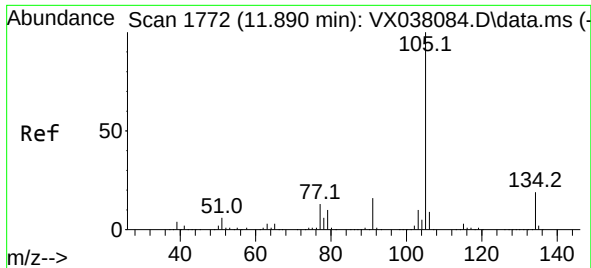
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.116 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

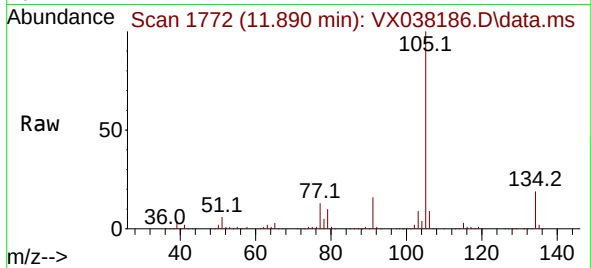
Tgt Ion:105 Resp: 392675
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.344 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13

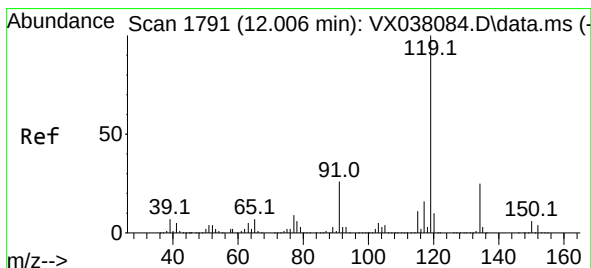
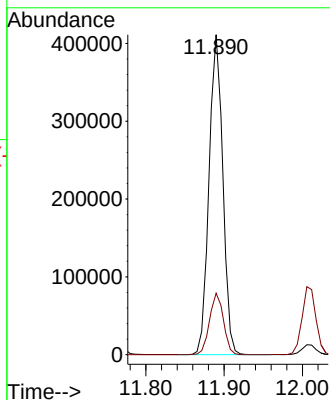
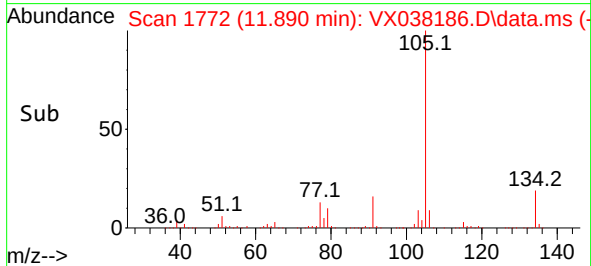
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



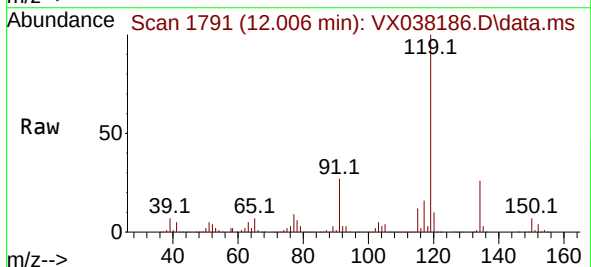
Tgt Ion:105 Resp: 500722
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

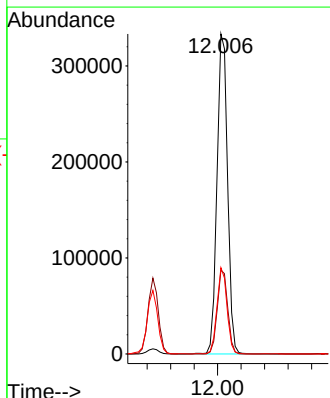
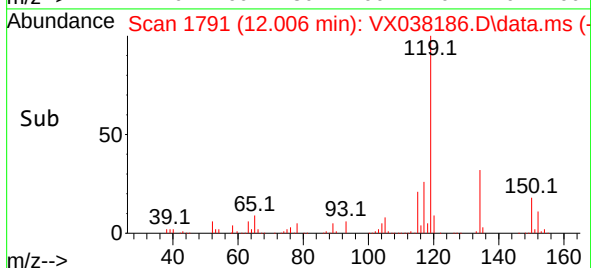
Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

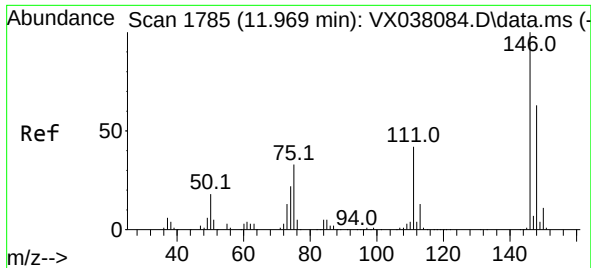


#86
 p-Isopropyltoluene
 Concen: 51.452 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX038186.D
 Acq: 10 Oct 2023 09:13



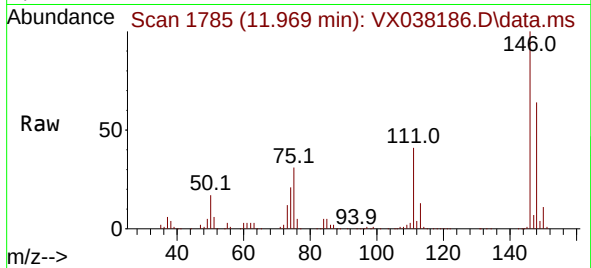
Tgt Ion:119 Resp: 413992
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.6 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 49.156 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

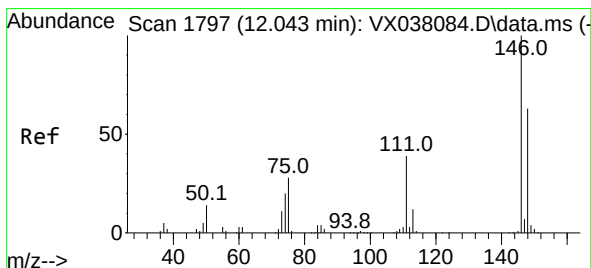
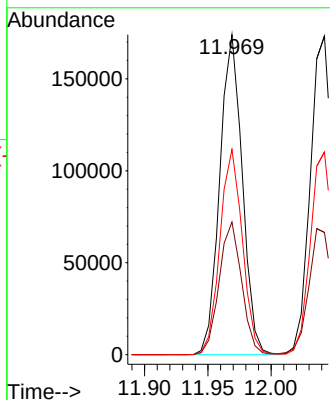
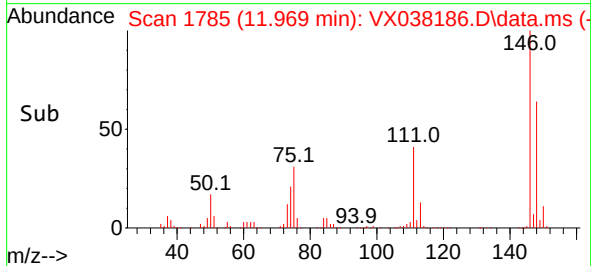
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



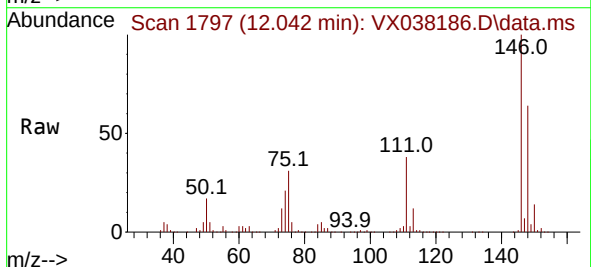
Tgt Ion:146 Resp: 21526
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.1
148 64.1 31.8 95.3

Manual Integrations
APPROVED

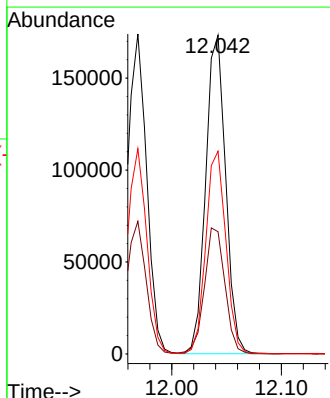
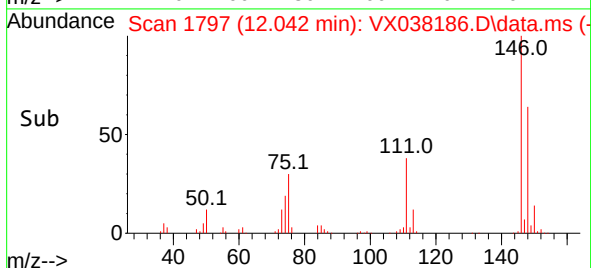
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

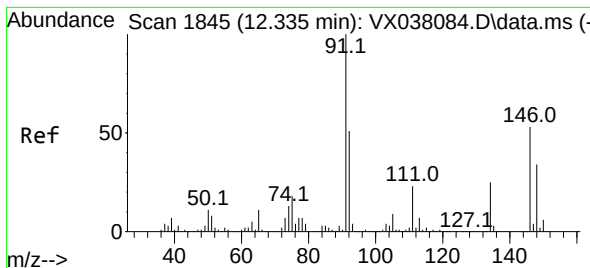


#88
1,4-Dichlorobenzene
Concen: 48.981 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



Tgt Ion:146 Resp: 218989
Ion Ratio Lower Upper
146 100
111 40.8 21.3 63.7
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 51.569 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 413230

Ion Ratio Lower Upper

91 100

92 51.2 27.4 82.0

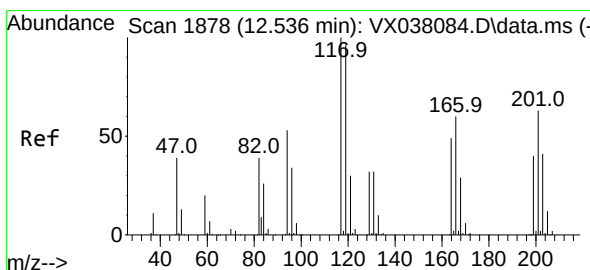
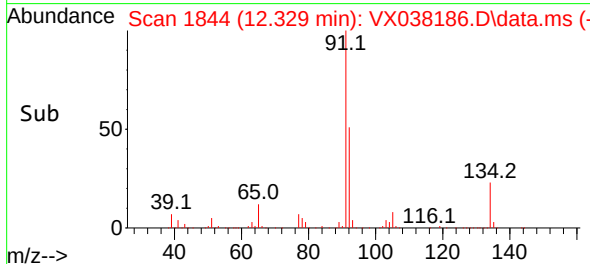
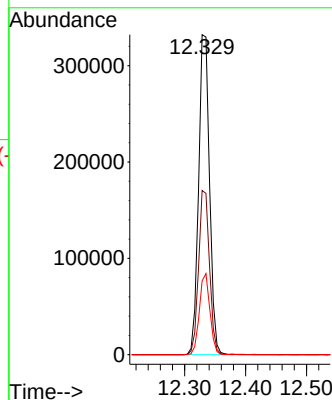
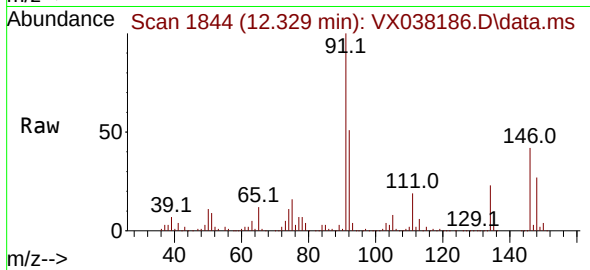
134 24.4 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#90

Hexachloroethane

Concen: 54.237 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX038186.D

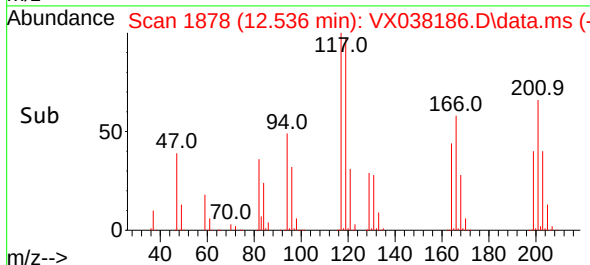
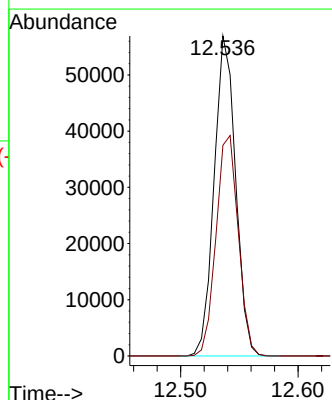
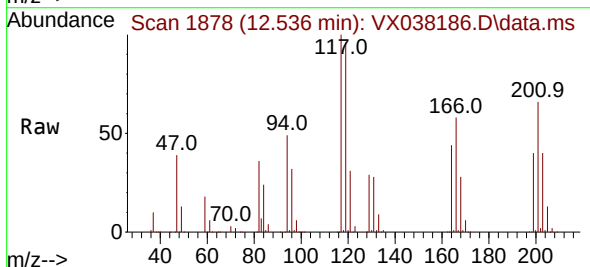
Acq: 10 Oct 2023 09:13

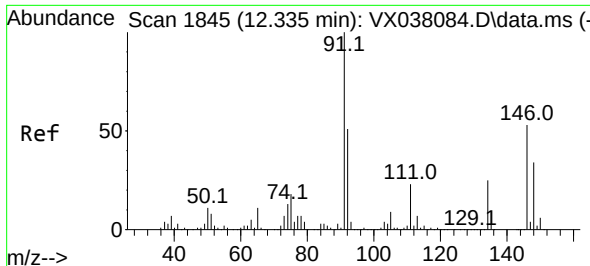
Tgt Ion:117 Resp: 72356

Ion Ratio Lower Upper

117 100

201 71.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.997 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 210460

Ion Ratio Lower Upper

146 100

111 42.5 22.4 67.0

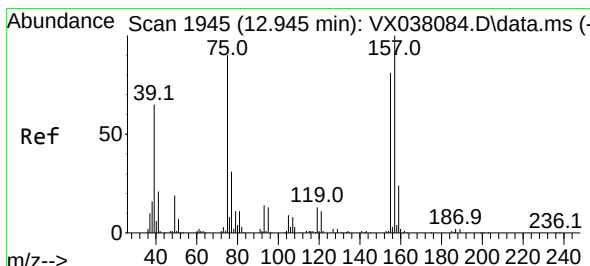
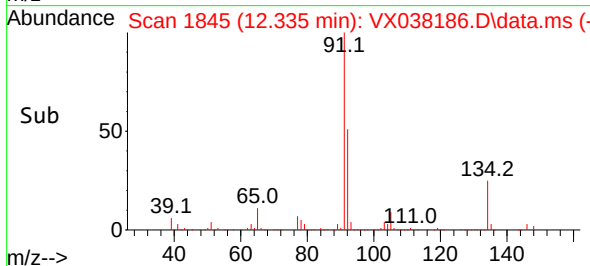
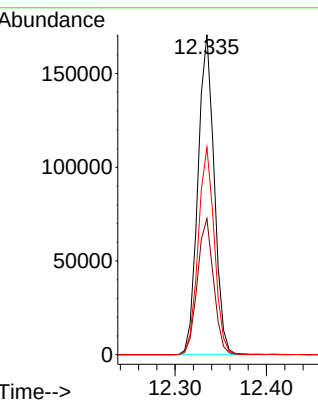
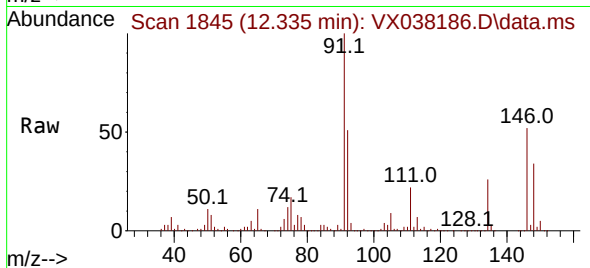
148 64.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/11/2023

Supervised By :Mahesh Dadoda 10/11/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.297 ug/l

RT: 12.944 min Scan# 1945

Delta R.T. -0.001 min

Lab File: VX038186.D

Acq: 10 Oct 2023 09:13

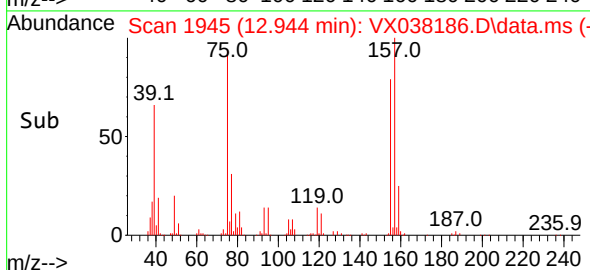
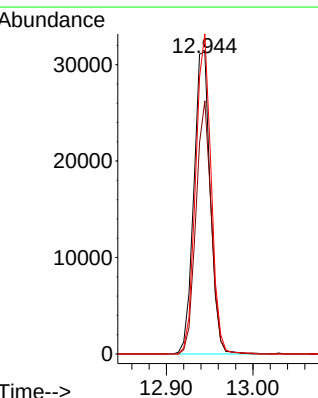
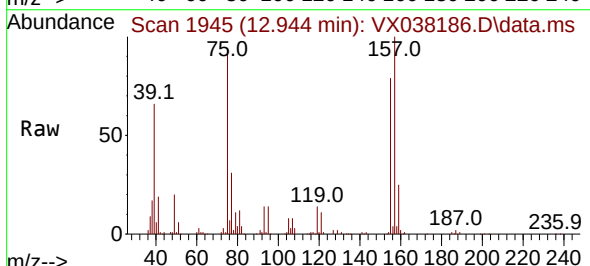
Tgt Ion: 75 Resp: 41435

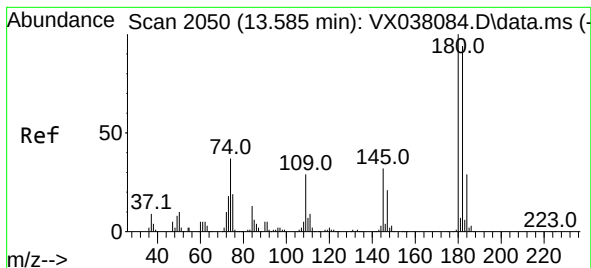
Ion Ratio Lower Upper

75 100

155 77.9 36.1 108.5

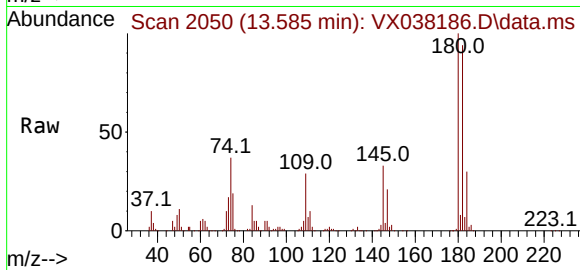
157 99.7 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 49.761 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

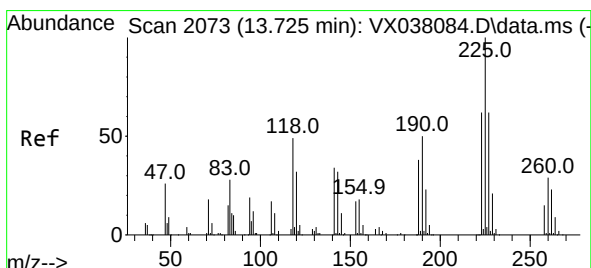
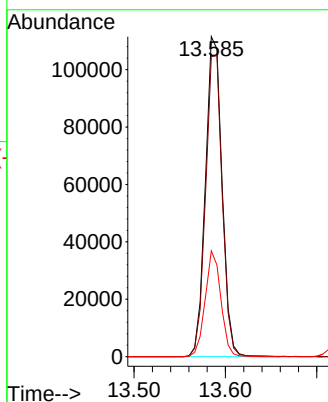
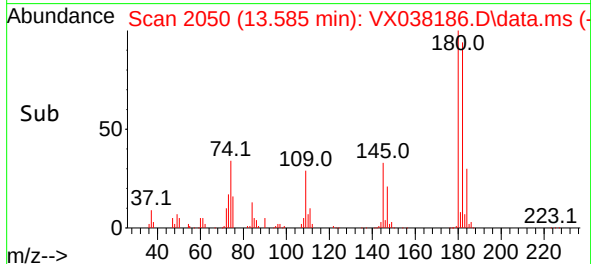
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



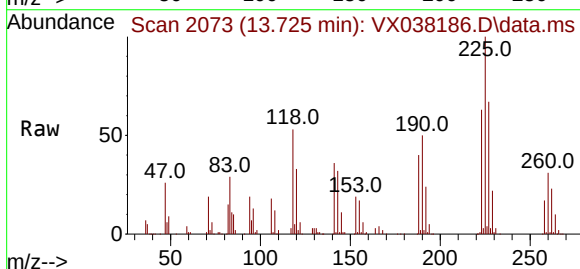
Tgt Ion:180 Resp: 140492
Ion Ratio Lower Upper
180 100
182 94.3 48.3 144.8
145 31.3 18.0 54.0

Manual Integrations
APPROVED

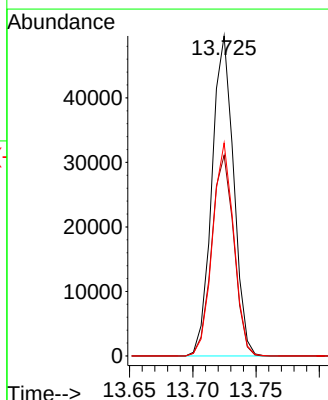
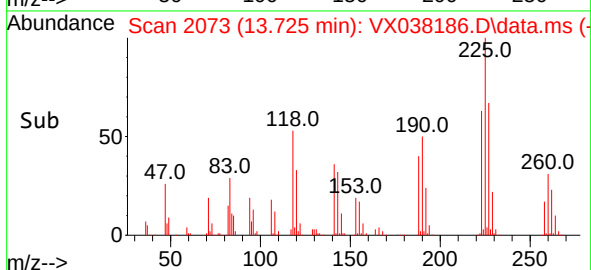
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023

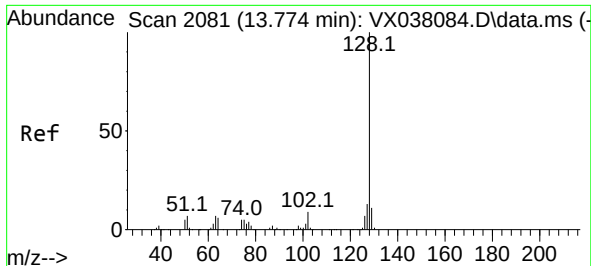


#94
Hexachlorobutadiene
Concen: 52.017 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



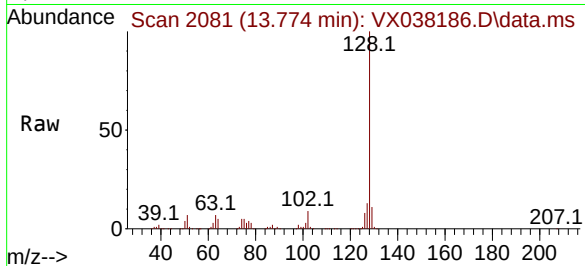
Tgt Ion:225 Resp: 59110
Ion Ratio Lower Upper
225 100
223 63.9 31.1 93.2
227 65.2 32.5 97.5





#95
Naphthalene
Concen: 48.451 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13

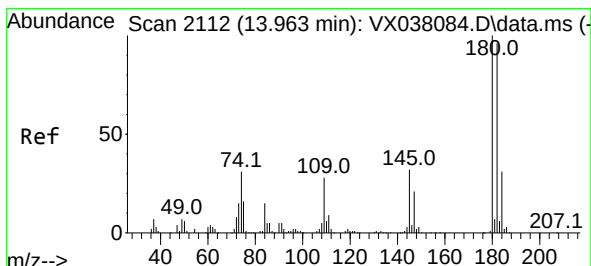
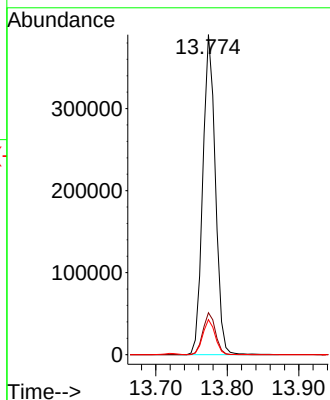
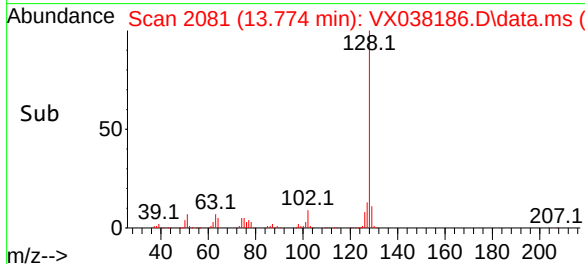
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



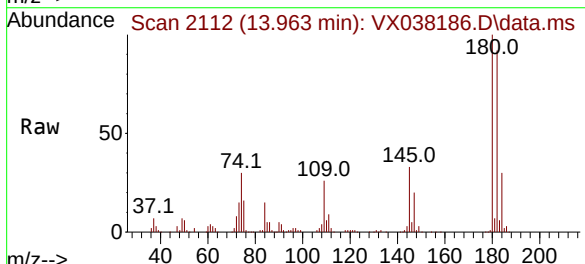
Tgt Ion:128 Resp: 476385
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
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Supervised By :Mahesh Dadoda 10/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.733 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038186.D
Acq: 10 Oct 2023 09:13



Tgt Ion:180 Resp: 135957
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 33.2 17.8 53.5

