

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036364.D
 Acq On : 28 Jun 2023 16:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 01:29:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	193089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	335484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144599	52.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.480%			
35) Dibromofluoromethane	5.379	113	115761	52.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.660%			
50) Toluene-d8	8.647	98	407110	49.274	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	153216	52.648	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81126	44.379	ug/l	98
3) Chloromethane	1.294	50	132385	41.747	ug/l	98
4) Vinyl Chloride	1.374	62	207896	59.966	ug/l	98
5) Bromomethane	1.617	94	187553	73.933	ug/l	100
6) Chloroethane	1.685	64	108320	42.560	ug/l	96
7) Trichlorofluoromethane	1.886	101	222672	42.246	ug/l	99
8) Diethyl Ether	2.130	74	99618	48.960	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	101177	45.738	ug/l	97
10) Methyl Iodide	2.447	142	135164	50.427	ug/l	93
11) Tert butyl alcohol	2.983	59	151819	301.338	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	102146	46.548	ug/l	88
13) Acrolein	2.239	56	169998	245.689	ug/l	98
14) Allyl chloride	2.660	41	187089	52.462	ug/l	97
15) Acrylonitrile	3.062	53	347244	271.915	ug/l	99
16) Acetone	2.386	43	322800	272.858	ug/l	94
17) Carbon Disulfide	2.508	76	227503	42.213	ug/l	99
18) Methyl Acetate	2.703	43	268231	55.136	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	396913	55.969	ug/l	98
20) Methylene Chloride	2.788	84	126922	49.828	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	110651	47.253	ug/l	95
22) Diisopropyl ether	3.757	45	390362	54.628	ug/l #	84
23) Vinyl Acetate	3.715	43	1476825	284.783	ug/l	98
24) 1,1-Dichloroethane	3.605	63	218352	51.849	ug/l	99
25) 2-Butanone	4.556	43	485451	285.596	ug/l	96
26) 2,2-Dichloropropane	4.471	77	176509	59.096	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	138323	52.672	ug/l	93
28) Bromochloromethane	4.891	49	109743	50.246	ug/l	92
29) Tetrahydrofuran	5.001	42	300837	277.989	ug/l	93
30) Chloroform	5.086	83	227743	53.691	ug/l	96
31) Cyclohexane	5.464	56	152652	43.038	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	187868	53.023	ug/l	99
36) 1,1-Dichloropropene	5.690	75	153750	46.628	ug/l	98
37) Ethyl Acetate	4.708	43	185419	55.172	ug/l	98
38) Carbon Tetrachloride	5.672	117	158936	52.774	ug/l	95
39) Methylcyclohexane	7.373	83	160385	40.609	ug/l	95
40) Benzene	6.031	78	474255	51.487	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	104751	56.186	ug/l	94
42) 1,2-Dichloroethane	6.080	62	189135	53.984	ug/l	98
43) Isopropyl Acetate	6.336	43	309618	57.751	ug/l	97
44) Trichloroethene	7.123	130	125605	49.025	ug/l	96
45) 1,2-Dichloropropane	7.427	63	132568	52.844	ug/l	98
46) Dibromomethane	7.580	93	96225	54.490	ug/l	93
47) Bromodichloromethane	7.818	83	181148	56.725	ug/l	98
48) Methyl methacrylate	7.690	41	153263	57.334	ug/l	92
49) 1,4-Dioxane	7.702	88	66983	1130.314	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	974280	282.064	ug/l	99
52) Toluene	8.714	92	294088	50.379	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	201840	62.570	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	217818	59.732	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	136172	56.129	ug/l	96
56) Ethyl methacrylate	9.116	69	213550	58.849	ug/l	94
57) 1,3-Dichloropropane	9.305	76	224488	53.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	558567	273.898	ug/l	100
59) 2-Hexanone	9.427	43	725296	287.545	ug/l	96
60) Dibromochloromethane	9.518	129	140991	59.814	ug/l	99
61) 1,2-Dibromoethane	9.610	107	144065	55.955	ug/l	99
64) Tetrachloroethene	9.275	164	107709	49.181	ug/l	95
65) Chlorobenzene	10.079	112	338956	51.986	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	128861	58.470	ug/l	99
67) Ethyl Benzene	10.195	91	584126	50.393	ug/l	99
68) m/p-Xylenes	10.299	106	447236	99.308	ug/l	98
69) o-Xylene	10.640	106	225709	51.900	ug/l	98
70) Styrene	10.652	104	375171	52.688	ug/l	97
71) Bromoform	10.799	173	102288	64.708	ug/l #	100
73) Isopropylbenzene	10.963	105	554735	49.220	ug/l	98
74) N-amyl acetate	10.841	43	266564	59.794	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	208828	54.715	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	174248m	54.622	ug/l	
77) Bromobenzene	11.195	156	145271	52.419	ug/l	92
78) n-propylbenzene	11.305	91	637685	48.447	ug/l	99
79) 2-Chlorotoluene	11.366	91	392159	50.084	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	470729	49.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64530	65.940	ug/l	91
82) 4-Chlorotoluene	11.451	91	459737	50.432	ug/l	96
83) tert-Butylbenzene	11.713	119	448879	49.072	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	475082	50.311	ug/l	98
85) sec-Butylbenzene	11.890	105	538889	46.503	ug/l	99
86) p-Isopropyltoluene	12.006	119	463799	47.690	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	260623	51.150	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	263779	50.841	ug/l	98
89) n-Butylbenzene	12.329	91	405882	46.895	ug/l	97
90) Hexachloroethane	12.536	117	75807	51.465	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	262954	52.411	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44731	61.703	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	165401	53.523	ug/l	97
94) Hexachlorobutadiene	13.725	225	58863	46.509	ug/l	97
95) Naphthalene	13.774	128	586519	57.450	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164058	54.424	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 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

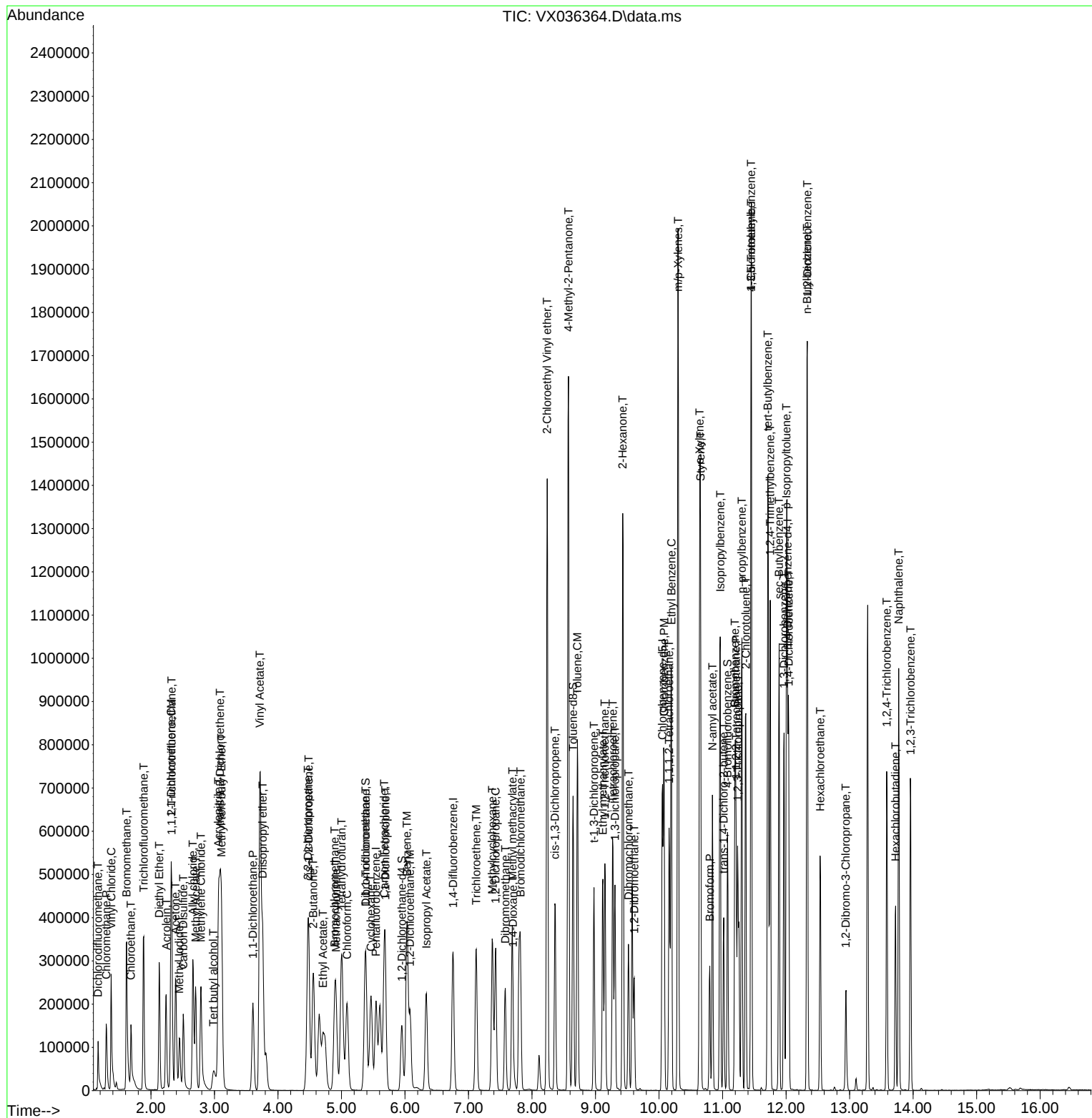
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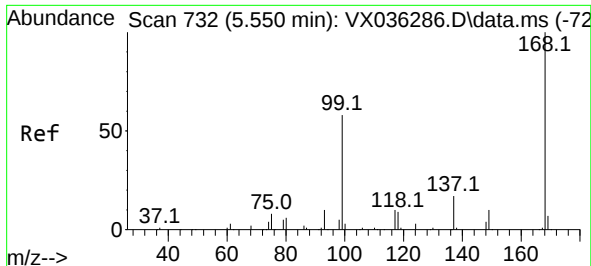
Instrument :
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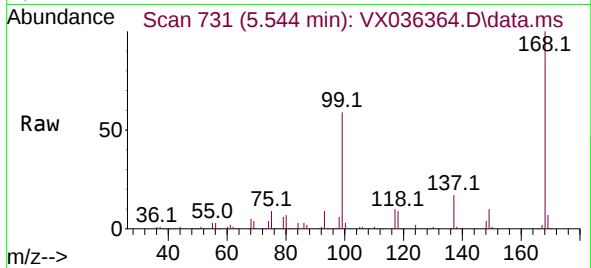
Reviewed By : John Carlone 06/29/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036364.D
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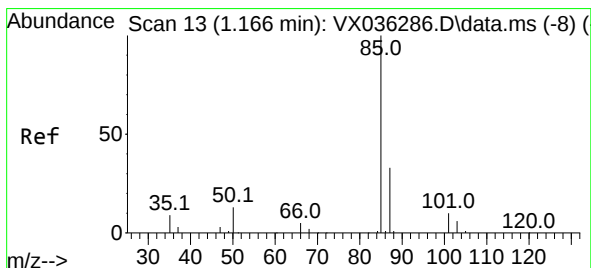
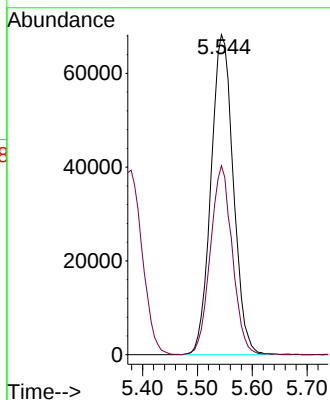
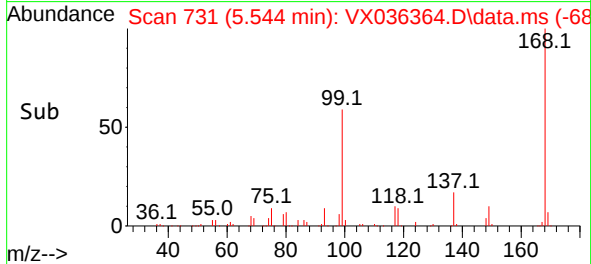
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 193089
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0

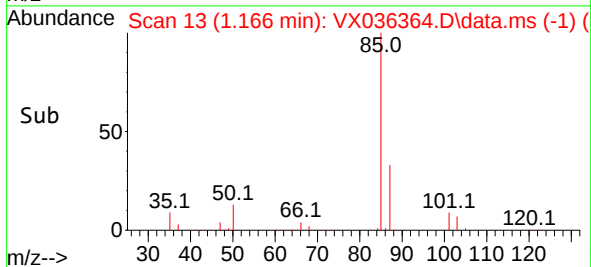
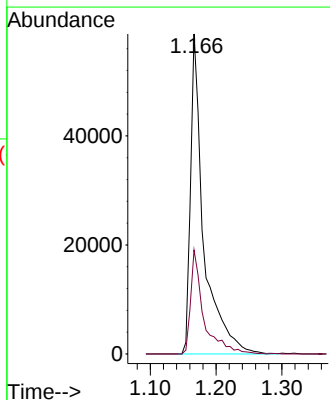
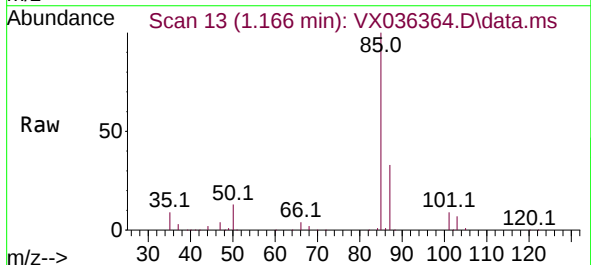
Manual Integrations
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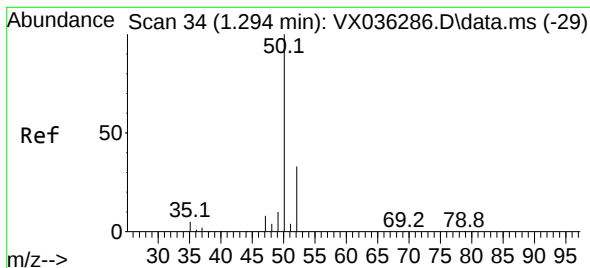
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#2
Dichlorodifluoromethane
Concen: 44.379 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 85 Resp: 81126
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3

Chloromethane

Concen: 41.747 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 13238

Ion Ratio Lower Upper

50 100

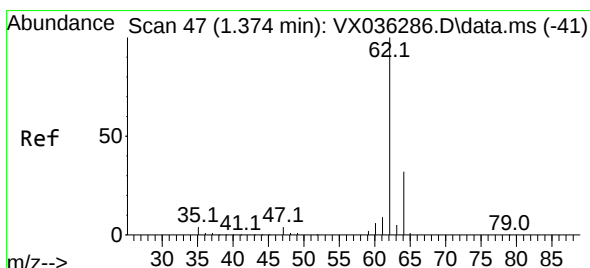
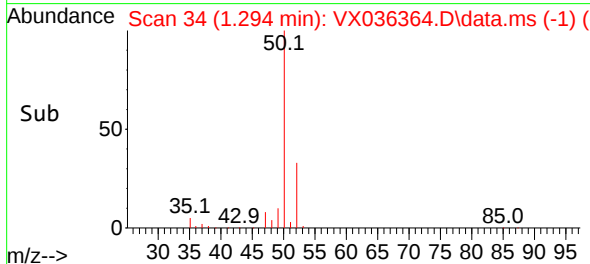
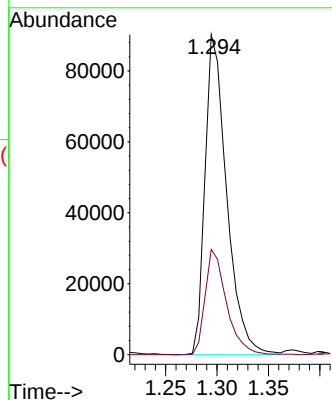
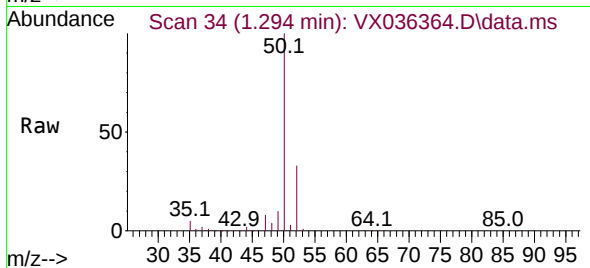
52 32.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.966 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036364.D

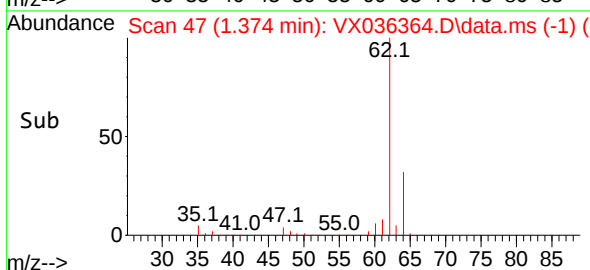
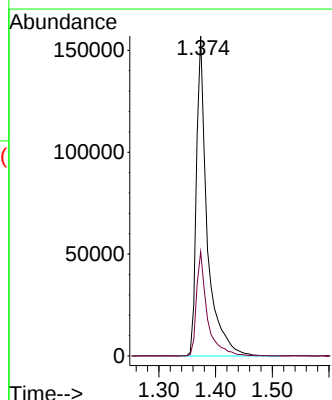
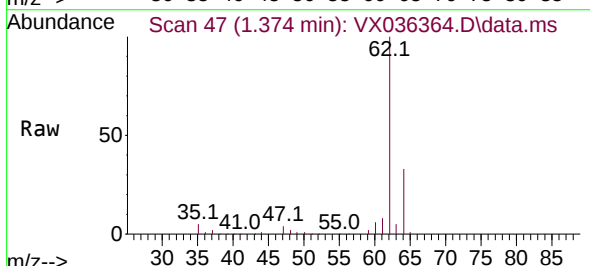
Acq: 28 Jun 2023 16:56

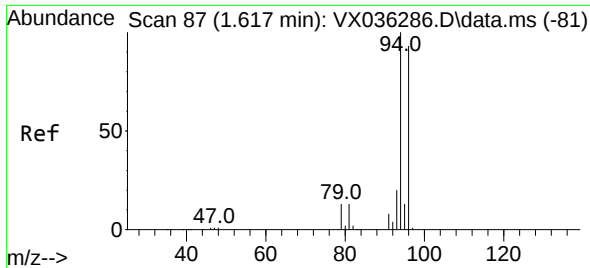
Tgt Ion: 62 Resp: 207896

Ion Ratio Lower Upper

62 100

64 32.6 25.4 38.0





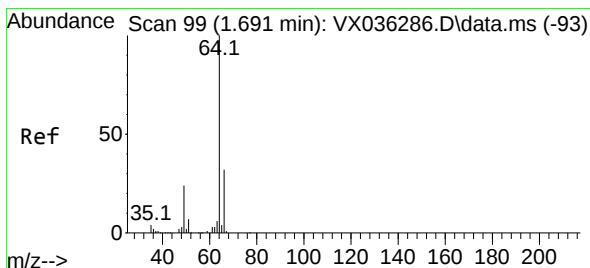
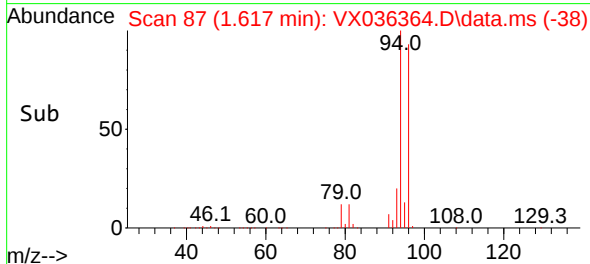
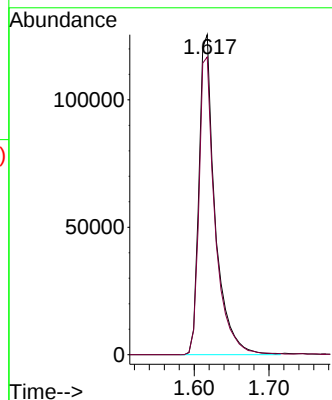
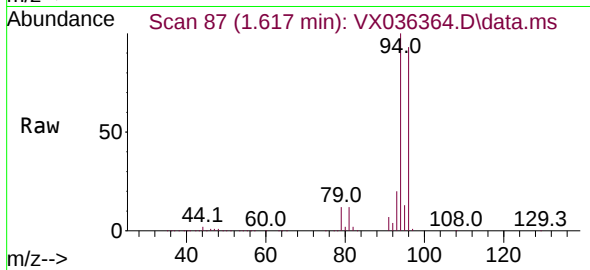
#5
Bromomethane
Concen: 73.933 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
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Tgt Ion: 94 Resp: 18755
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

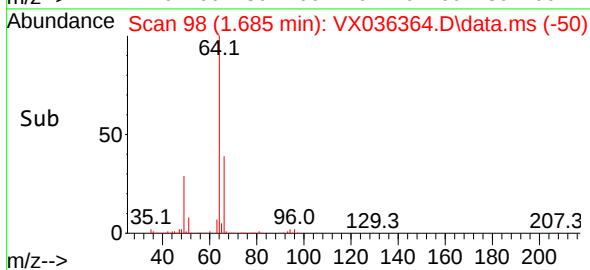
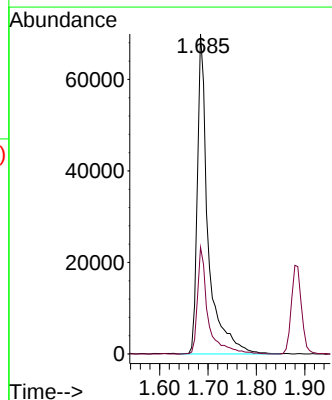
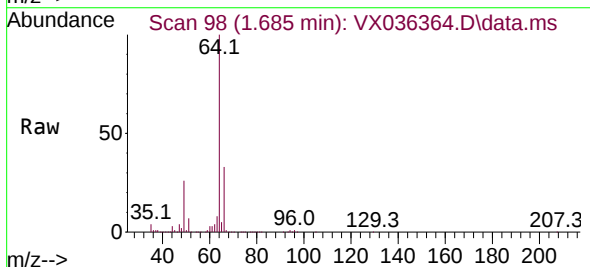
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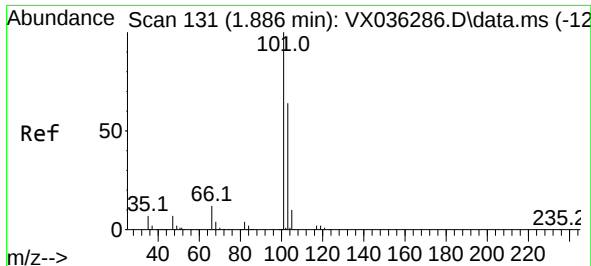
Reviewed By :John Carlone 06/29/2023
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#6
Chloroethane
Concen: 42.560 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

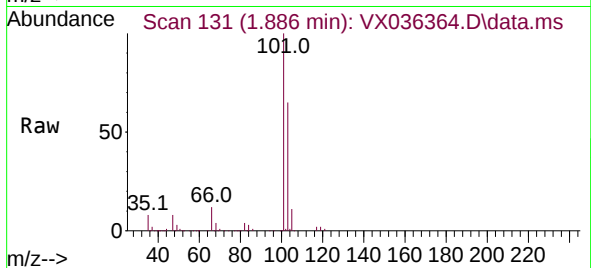
Tgt Ion: 64 Resp: 108320
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 42.246 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

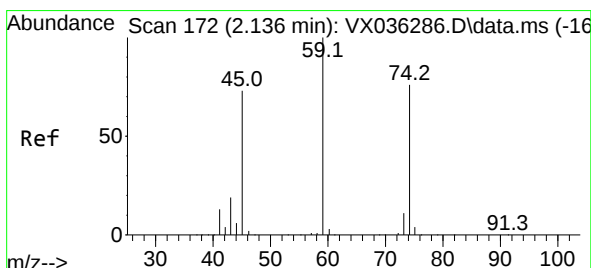
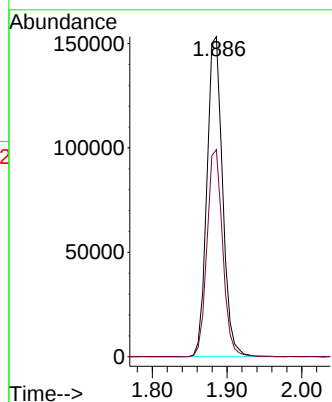
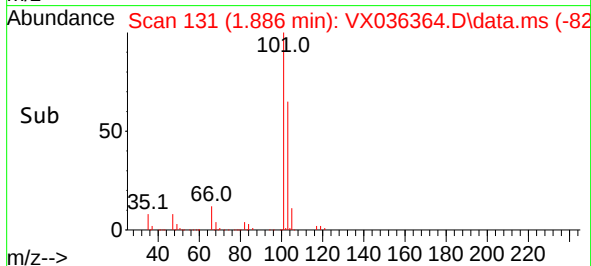
Instrument :
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Tgt Ion:101 Resp: 222672
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

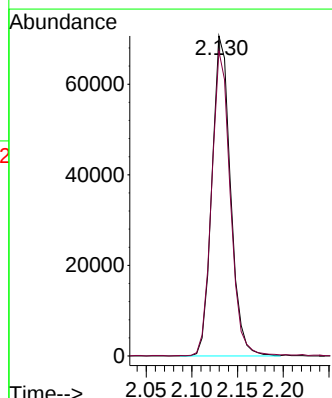
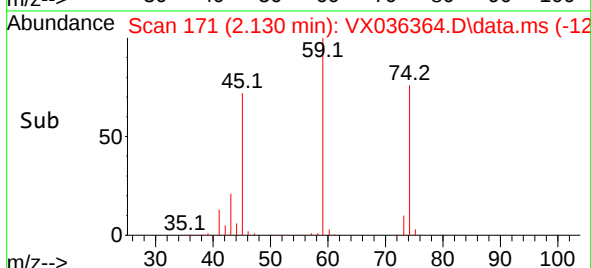
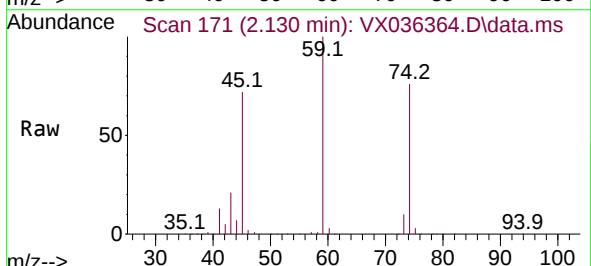
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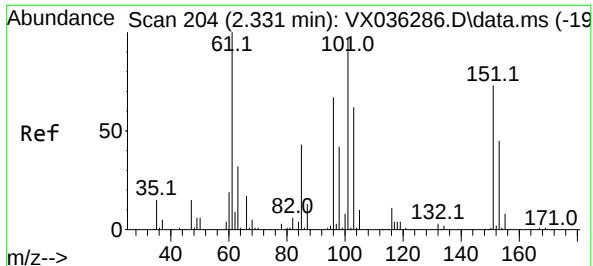
Reviewed By :John Carlone 06/29/2023
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#8
Diethyl Ether
Concen: 48.960 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 74 Resp: 99618
Ion Ratio Lower Upper
74 100
45 96.7 53.3 159.8





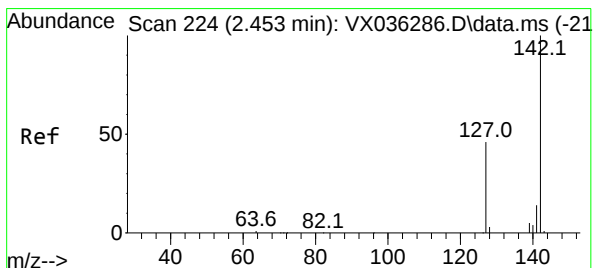
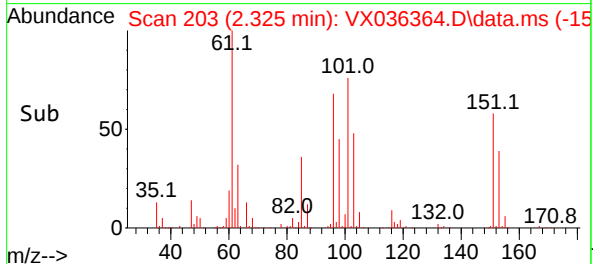
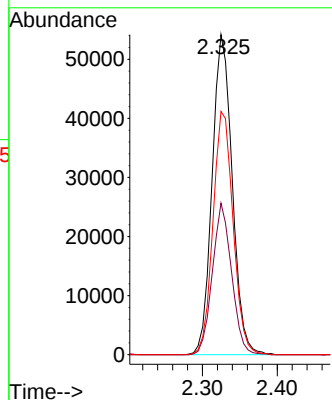
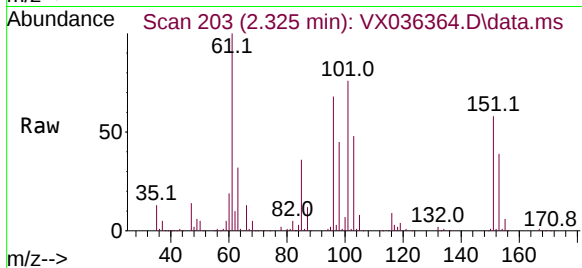
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.738 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10117
Ion Ratio Lower Upper
101 100
85 45.1 37.0 55.6
151 76.1 58.6 87.8

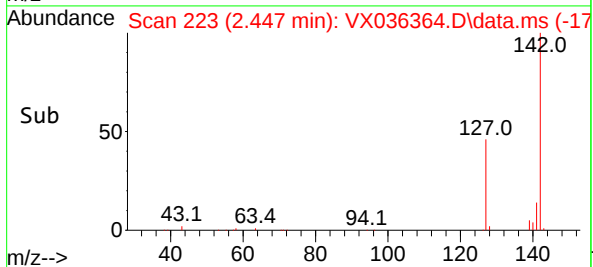
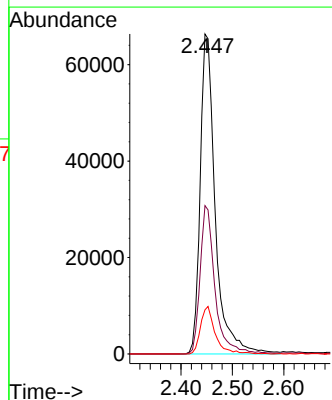
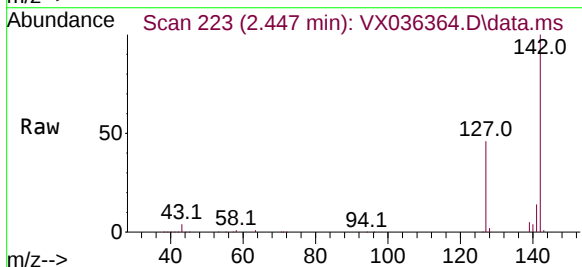
Manual Integrations
APPROVED

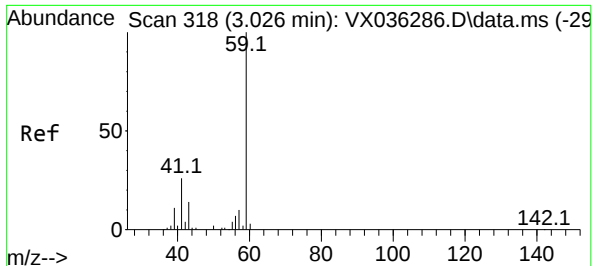
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#10
Methyl Iodide
Concen: 50.427 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

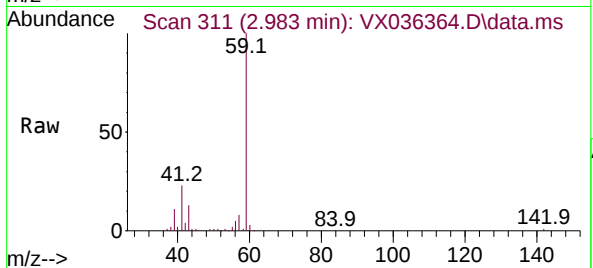
Tgt Ion:142 Resp: 135164
Ion Ratio Lower Upper
142 100
127 45.9 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 301.338 ug/l
RT: 2.983 min Scan# 318
Delta R.T. -0.030 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

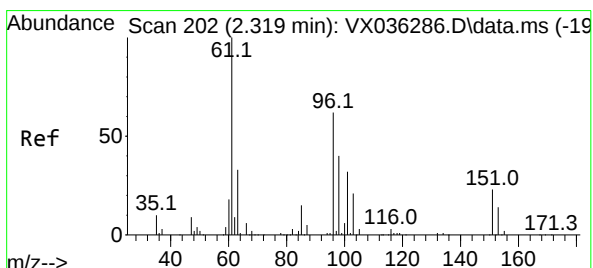
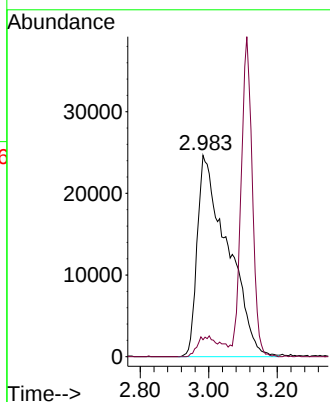
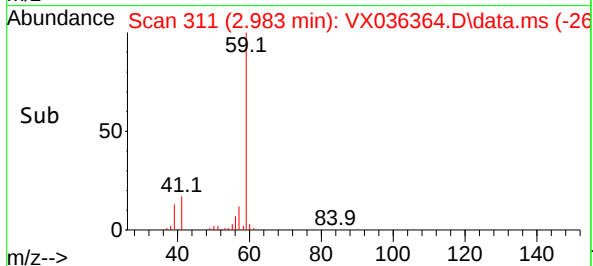
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



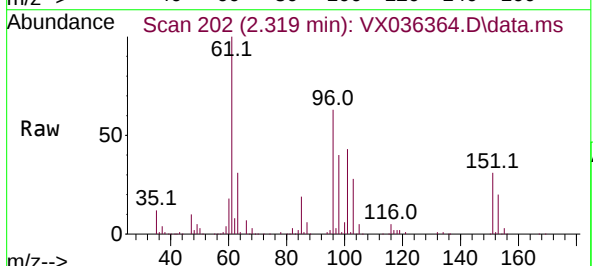
Tgt Ion: 59 Resp: 151819
Ion Ratio Lower Upper
59 100
57 5.7 6.0 9.0

Manual Integrations
APPROVED

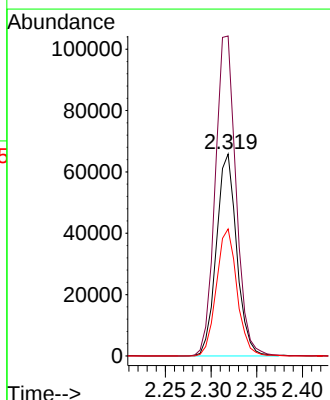
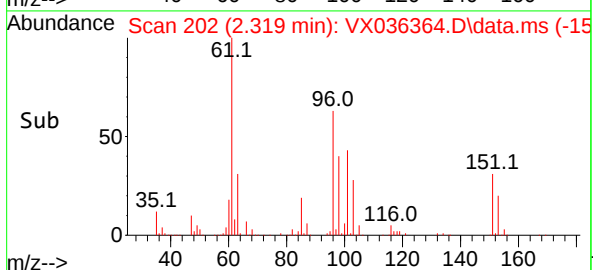
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

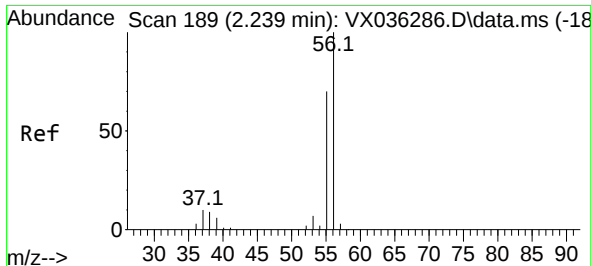


#12
1,1-Dichloroethene
Concen: 46.548 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



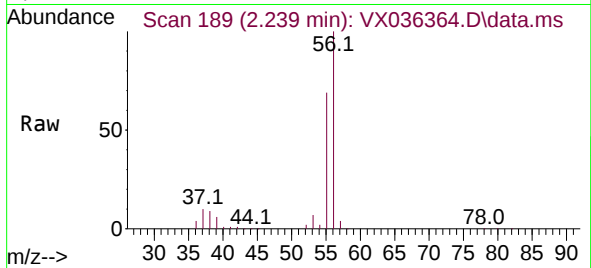
Tgt Ion: 96 Resp: 102146
Ion Ratio Lower Upper
96 100
61 158.5 144.6 216.8
98 62.9 50.4 75.6





#13
Acrolein
Concen: 245.689 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

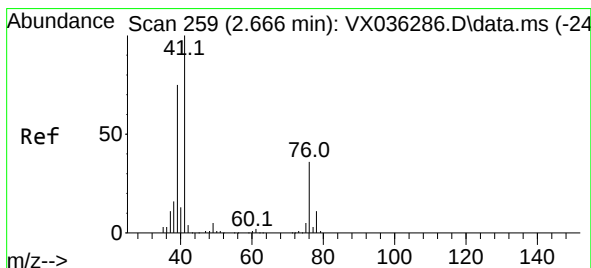
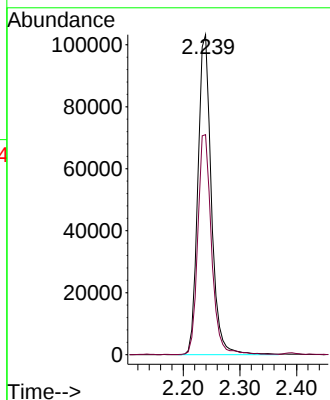
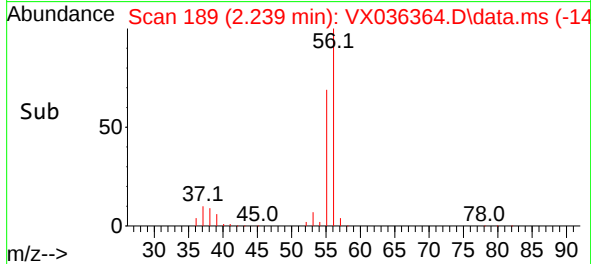
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 169998
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

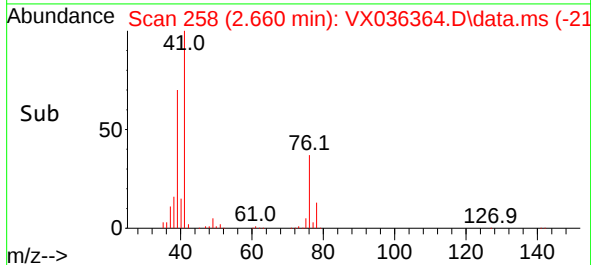
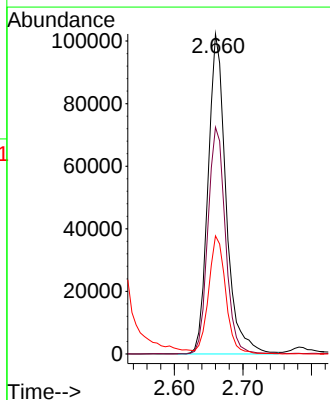
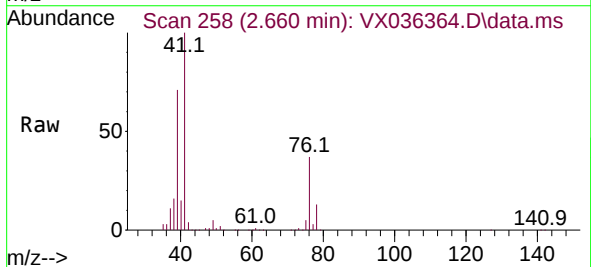
Manual Integrations
APPROVED

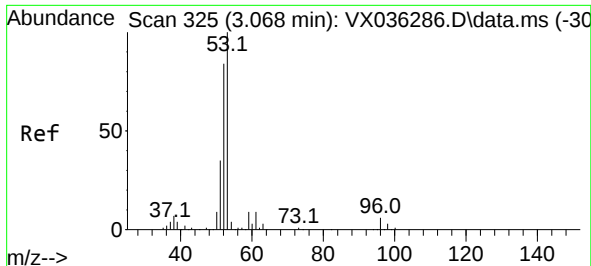
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#14
Allyl chloride
Concen: 52.462 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

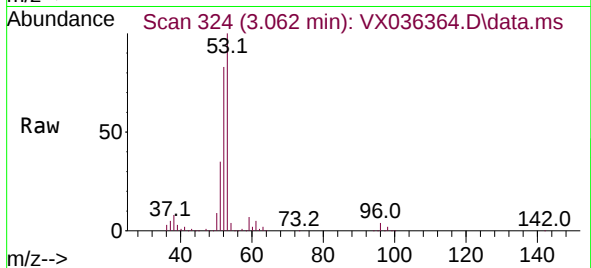
Tgt Ion: 41 Resp: 187089
Ion Ratio Lower Upper
41 100
39 68.8 55.8 83.6
76 35.0 24.3 36.5





#15
Acrylonitrile
Concen: 271.915 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

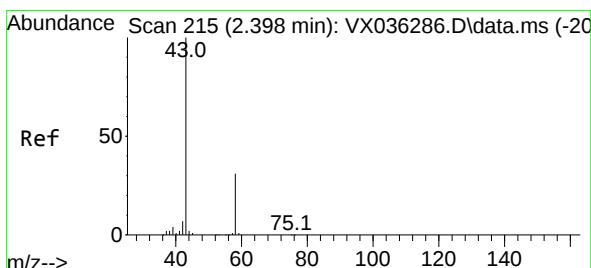
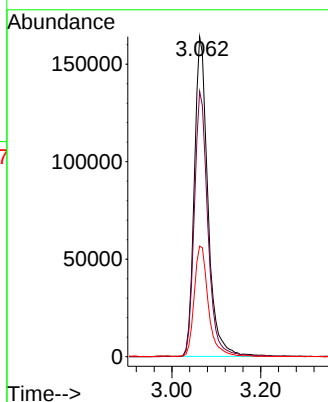
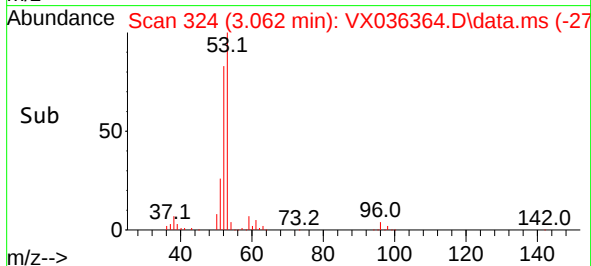
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 347244
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 35.8 29.8 44.6

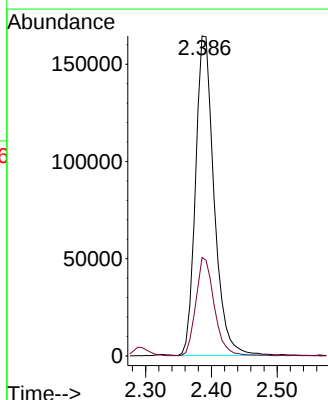
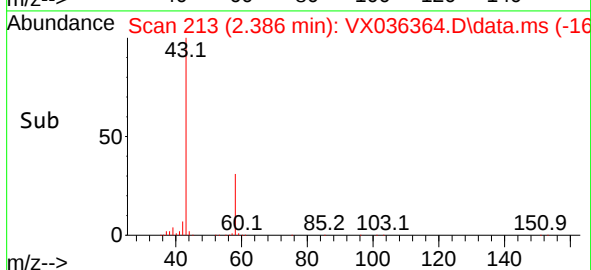
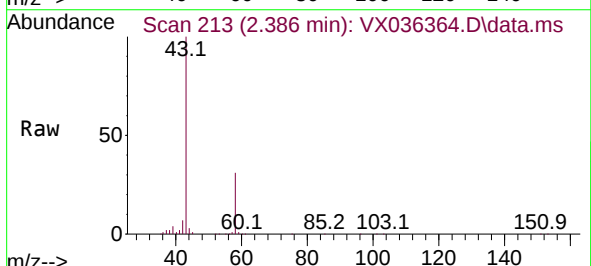
Manual Integrations
APPROVED

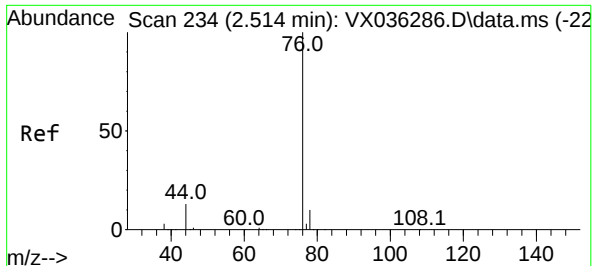
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#16
Acetone
Concen: 272.858 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 43 Resp: 322800
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9





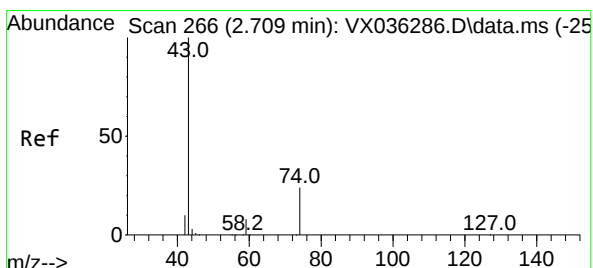
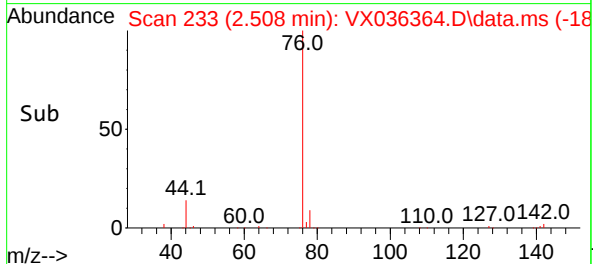
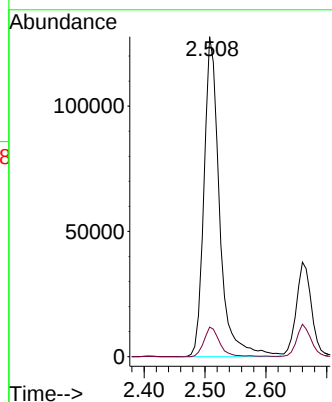
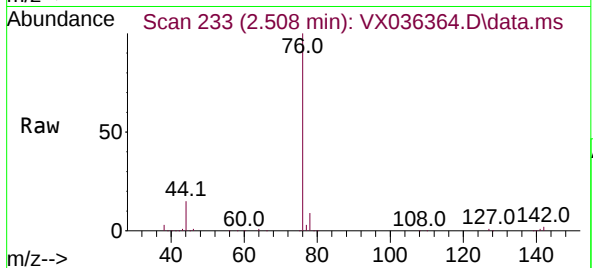
#17
Carbon Disulfide
Concen: 42.213 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 22750
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

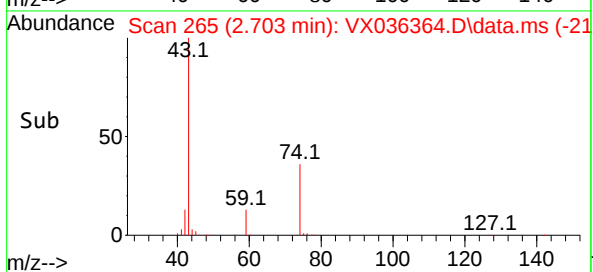
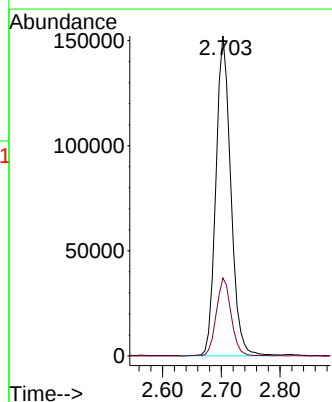
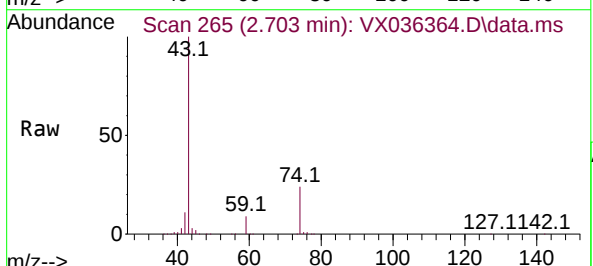
Manual Integrations
APPROVED

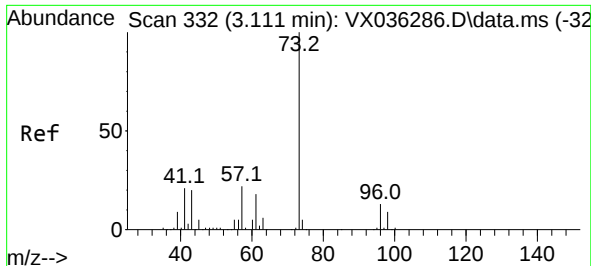
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#18
Methyl Acetate
Concen: 55.136 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

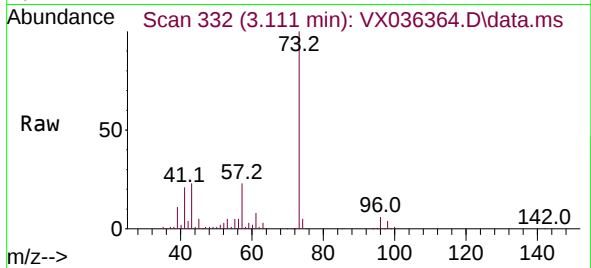
Tgt Ion: 43 Resp: 268231
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 55.969 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

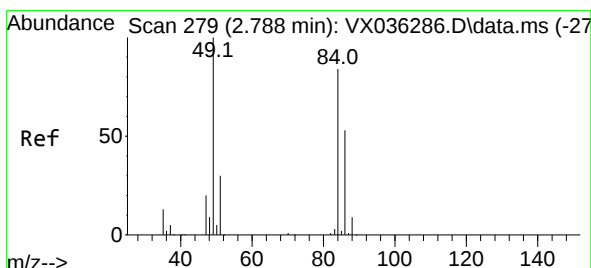
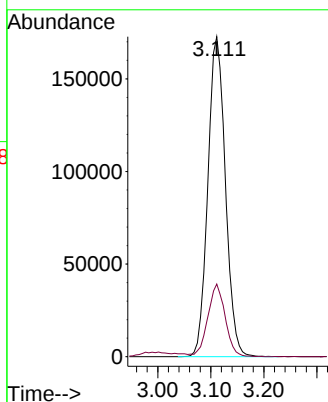
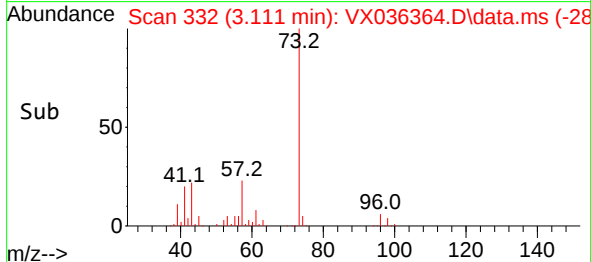
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 396911
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

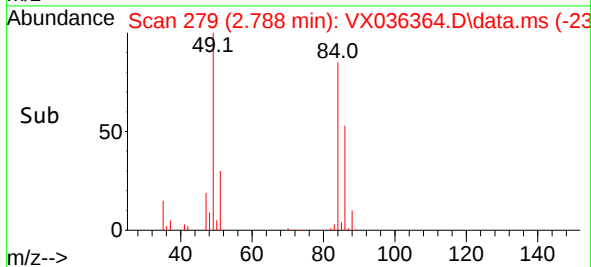
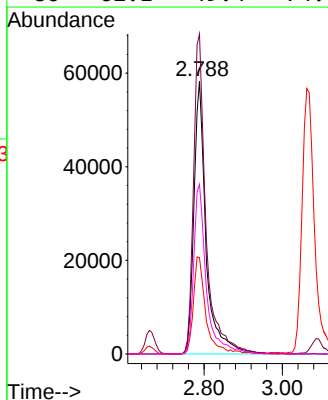
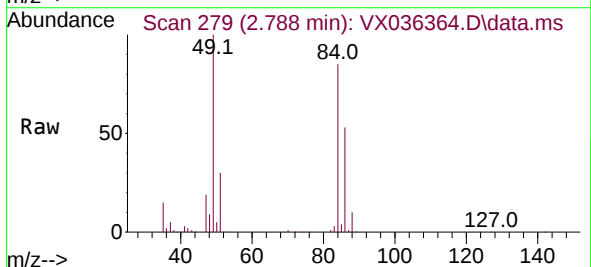
Manual Integrations
APPROVED

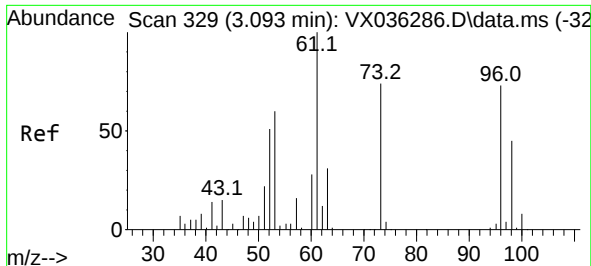
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#20
Methylene Chloride
Concen: 49.828 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

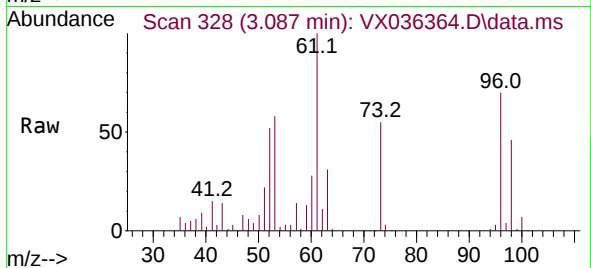
Tgt Ion: 84 Resp: 126922
Ion Ratio Lower Upper
84 100
49 117.3 103.6 155.4
51 35.3 33.8 50.6
86 62.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.253 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

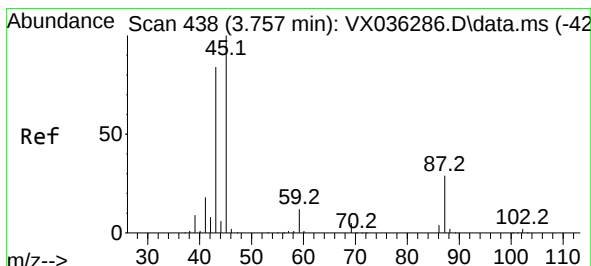
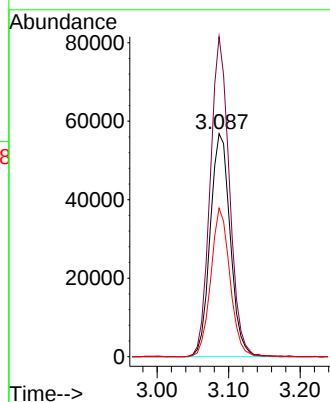
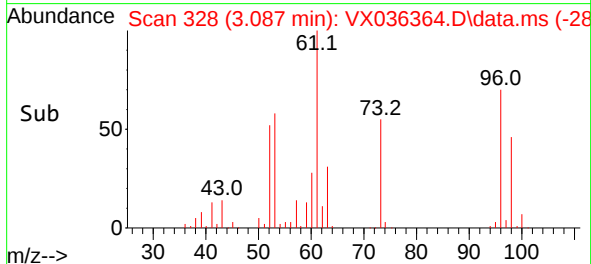
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



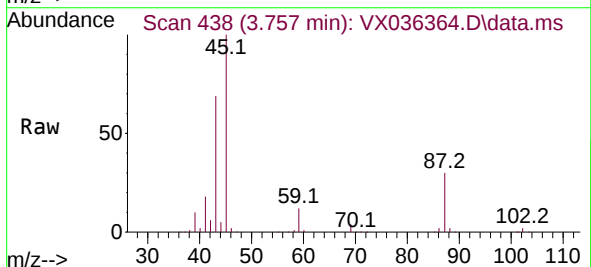
Tgt Ion: 96 Resp: 11065
Ion Ratio Lower Upper
96 100
61 143.4 119.2 178.8
98 66.6 48.7 73.1

Manual Integrations
APPROVED

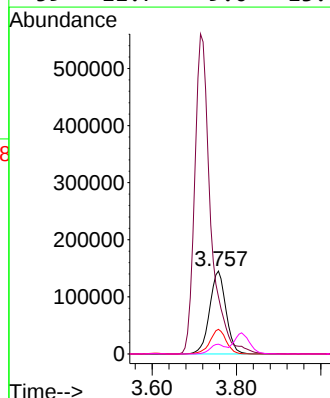
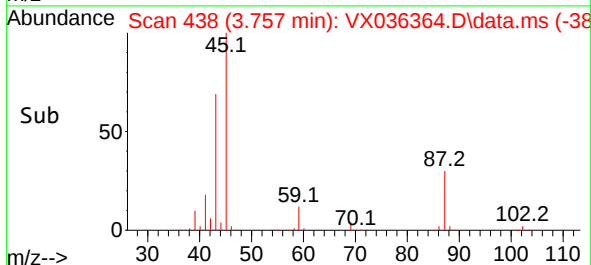
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

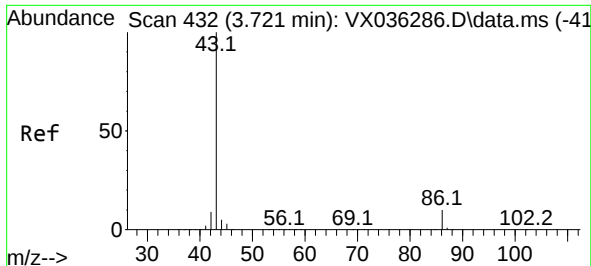


#22
Diisopropyl ether
Concen: 54.628 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



Tgt Ion: 45 Resp: 390362
Ion Ratio Lower Upper
45 100
43 68.7 69.7 104.5#
87 29.7 20.8 31.2
59 11.7 9.0 13.4





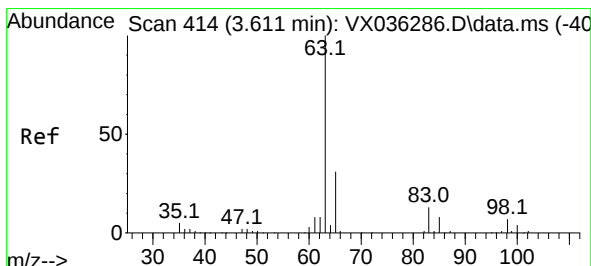
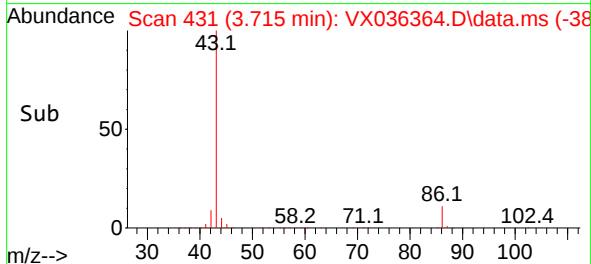
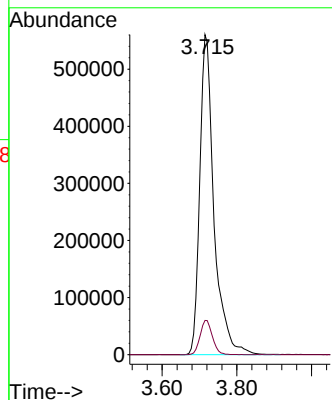
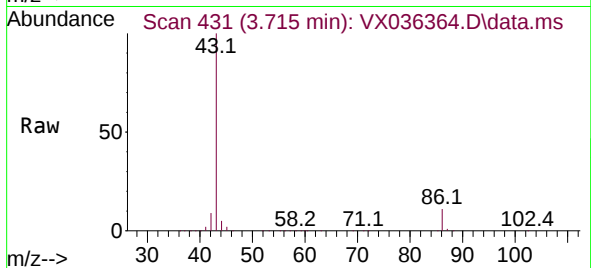
#23
 Vinyl Acetate
 Concen: 284.783 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 147682
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

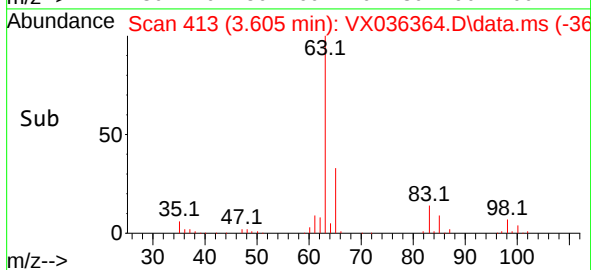
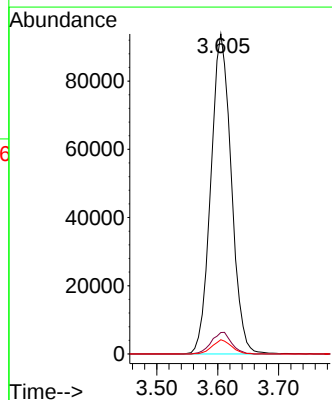
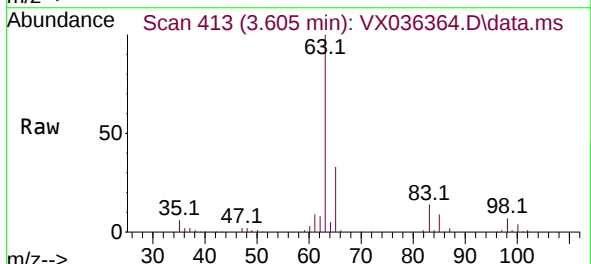
Manual Integrations
 APPROVED

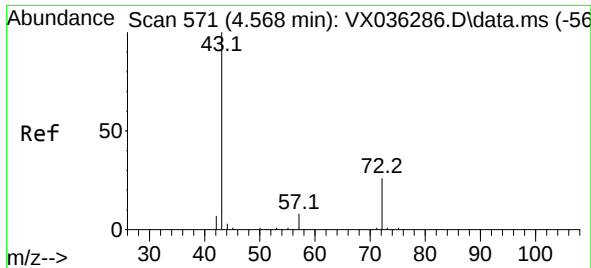
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#24
 1,1-Dichloroethane
 Concen: 51.849 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Tgt Ion: 63 Resp: 218352
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.5 2.1 6.5





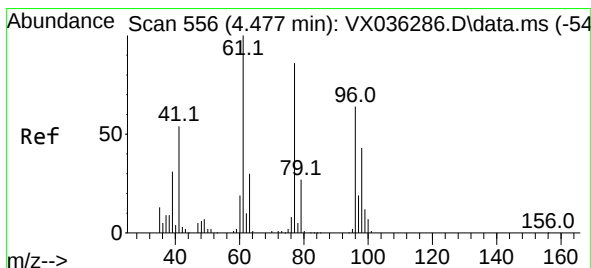
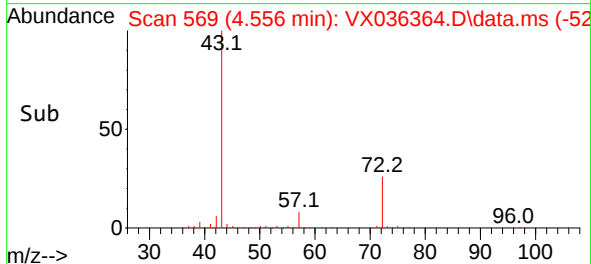
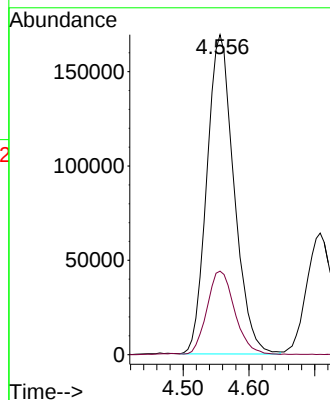
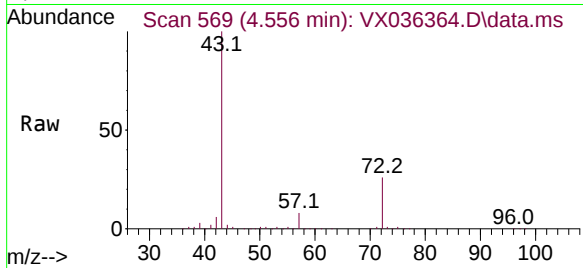
#25
2-Butanone
Concen: 285.596 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 48545
Ion Ratio Lower Upper
43 100
72 26.1 19.4 29.2

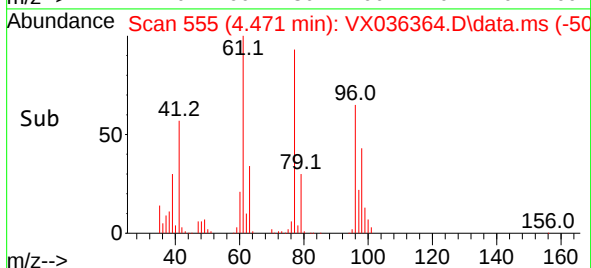
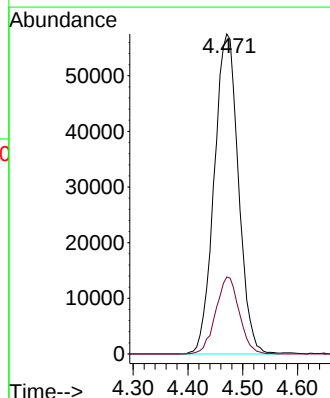
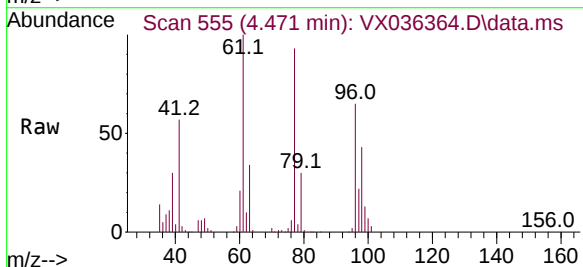
Manual Integrations
APPROVED

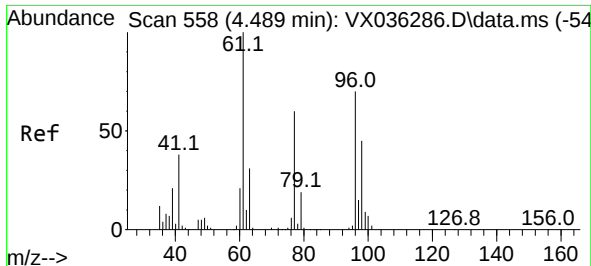
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#26
2,2-Dichloropropane
Concen: 59.096 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 77 Resp: 176509
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.672 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

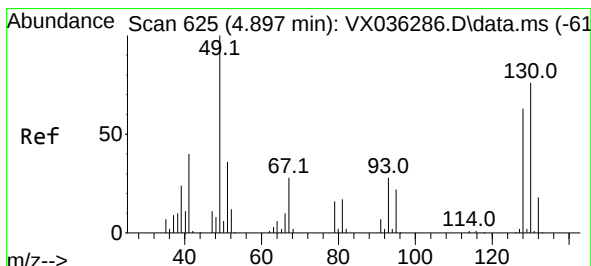
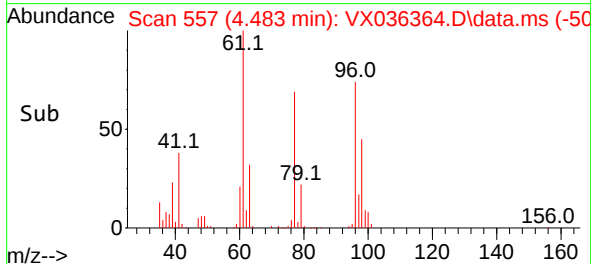
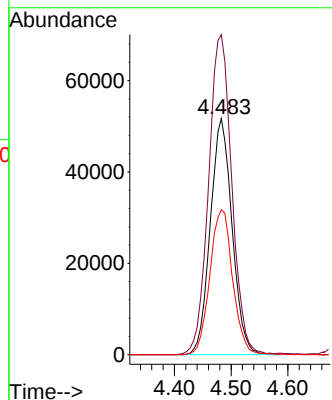
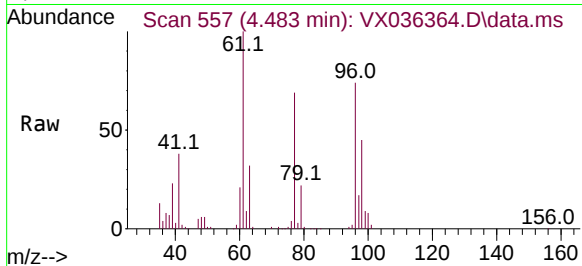
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 13832
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 312.2
 98 64.1 0.0 129.0

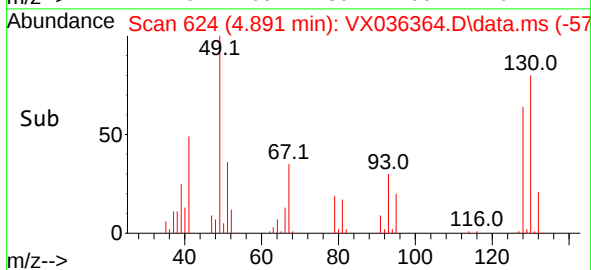
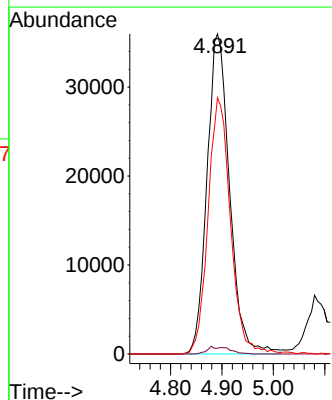
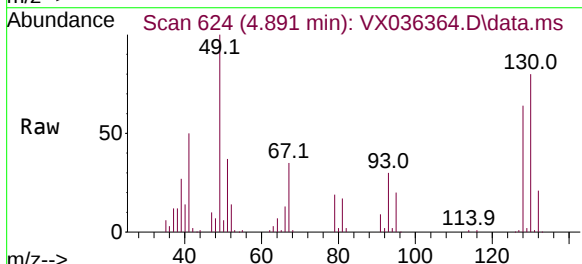
Manual Integrations
 APPROVED

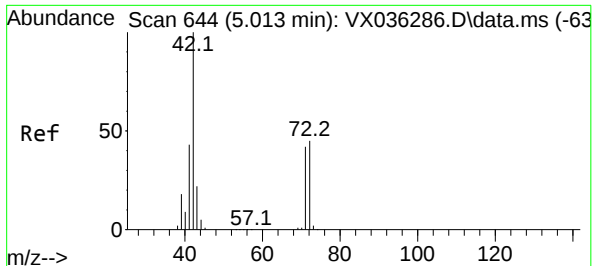
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#28
 Bromochloromethane
 Concen: 50.246 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Tgt Ion: 49 Resp: 109743
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 79.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 277.989 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.018 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

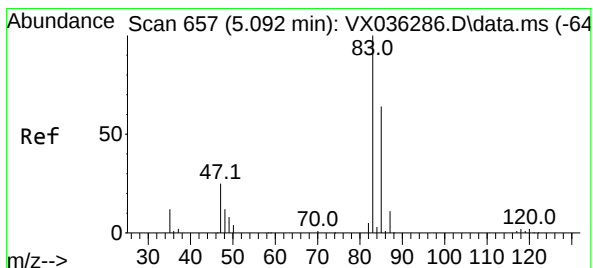
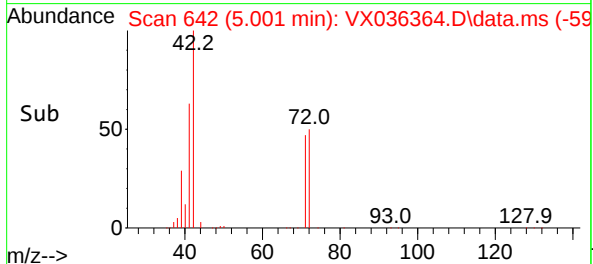
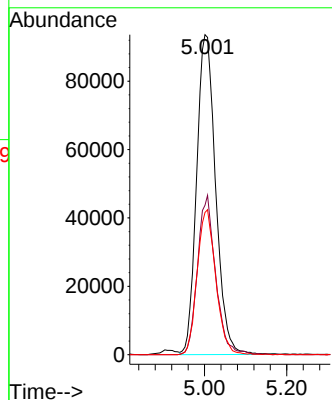
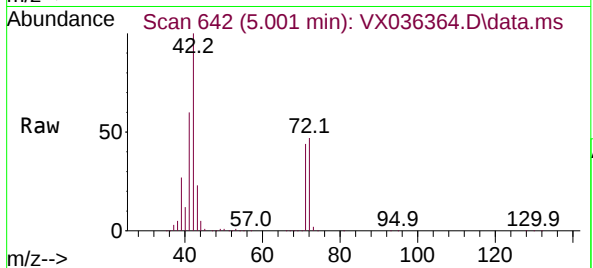
Tgt Ion: 42 Resp: 30083
 Ion Ratio Lower Upper
 42 100
 72 47.2 34.2 51.4
 71 44.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#30

Chloroform

Concen: 53.691 ug/l

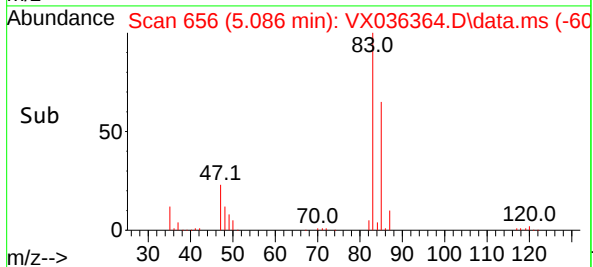
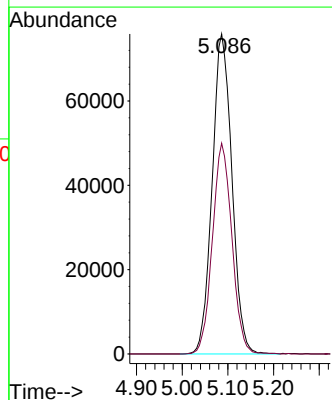
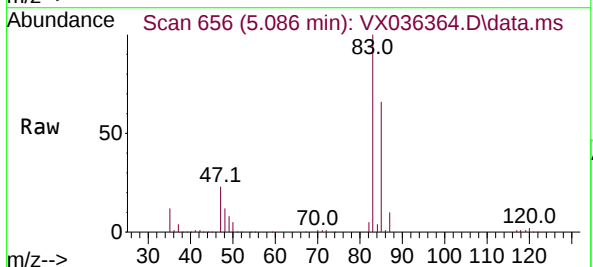
RT: 5.086 min Scan# 656

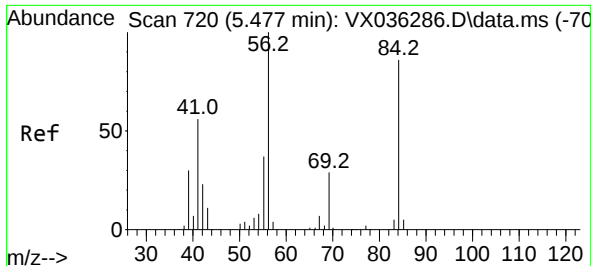
Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

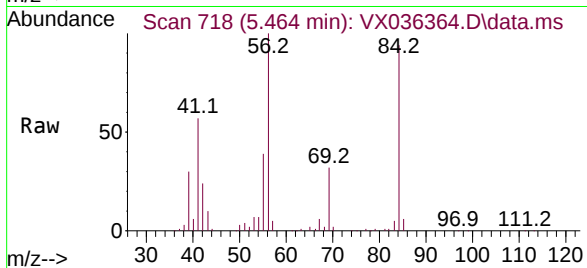
Tgt Ion: 83 Resp: 227743
 Ion Ratio Lower Upper
 83 100
 85 65.9 50.3 75.5





#31
Cyclohexane
Concen: 43.038 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

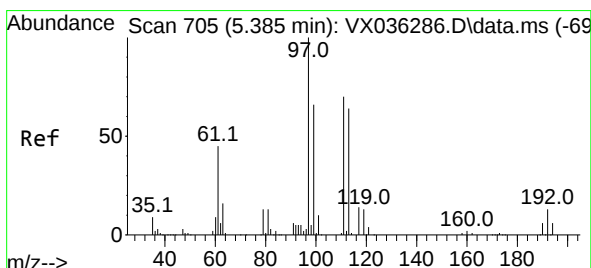
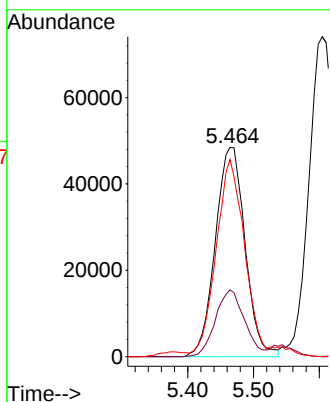
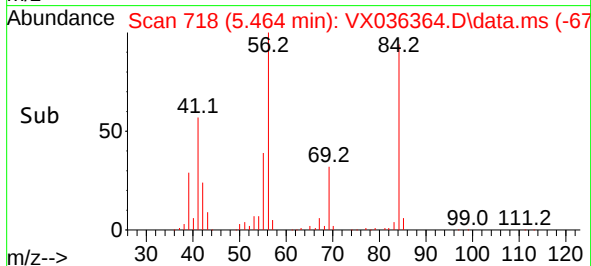
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 152652
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 92.1 65.9 98.9

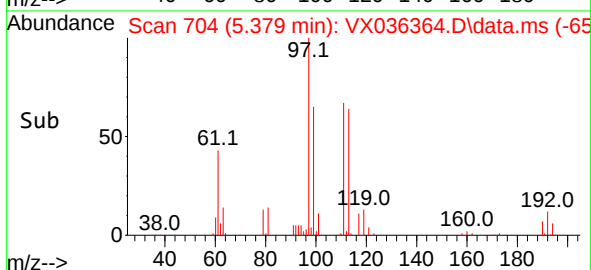
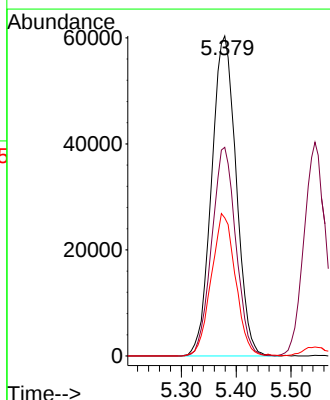
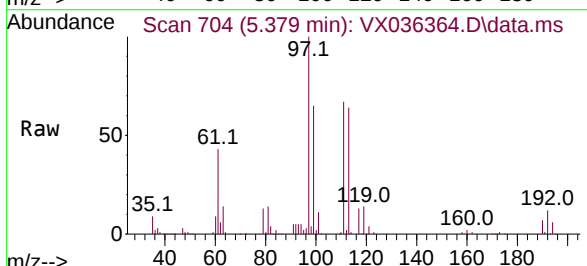
Manual Integrations
APPROVED

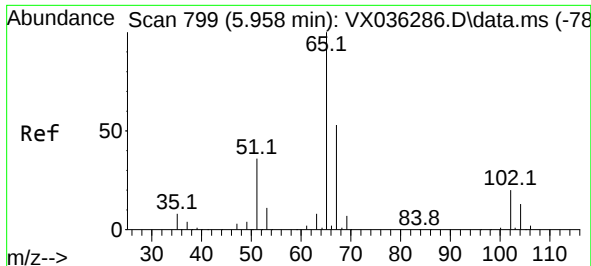
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#32
1,1,1-Trichloroethane
Concen: 53.023 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 97 Resp: 187868
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 43.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.243 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 144599

Ion Ratio Lower Upper

65 100

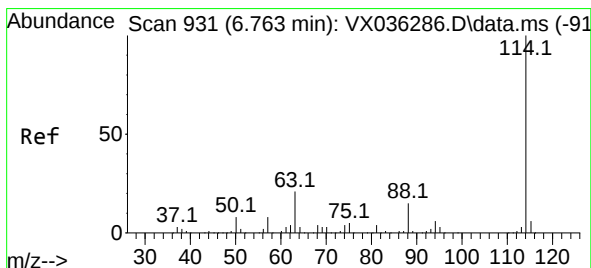
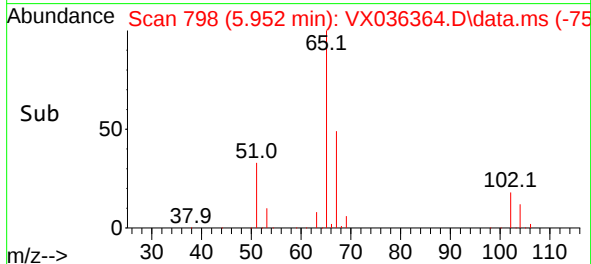
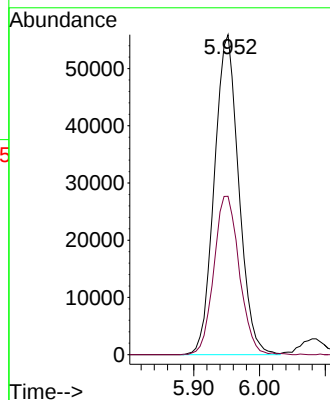
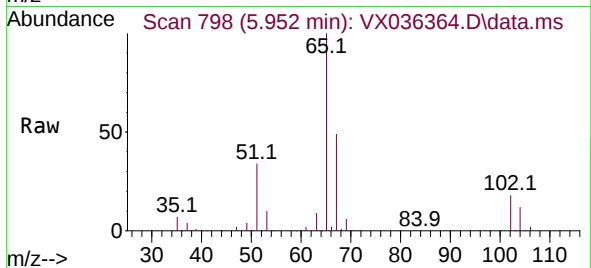
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

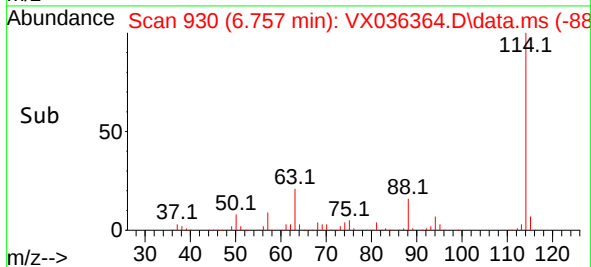
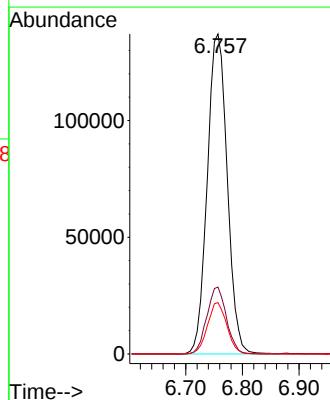
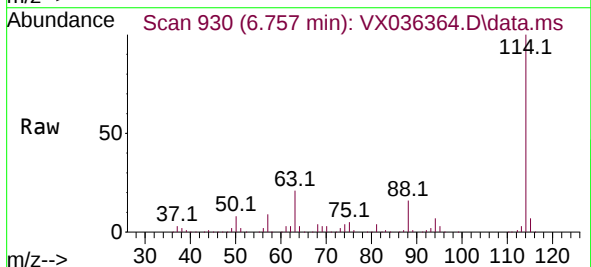
Tgt Ion:114 Resp: 335484

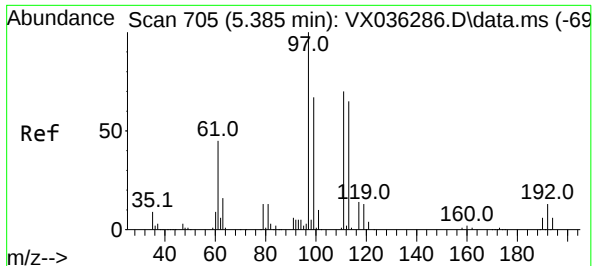
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.331 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX036364.D

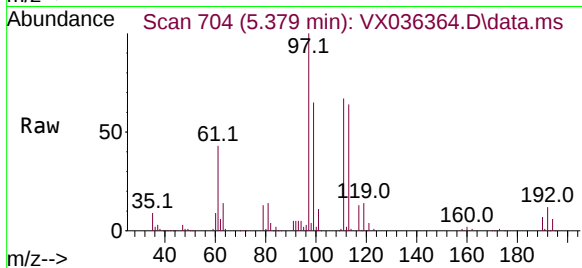
Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



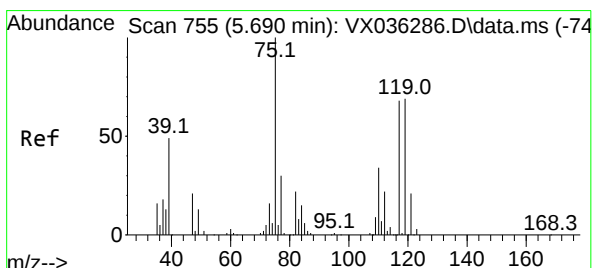
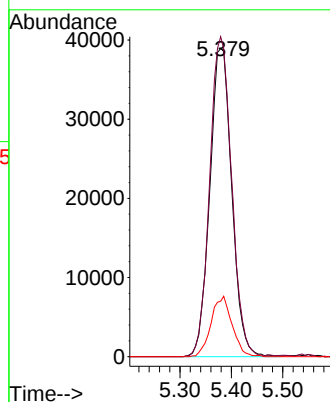
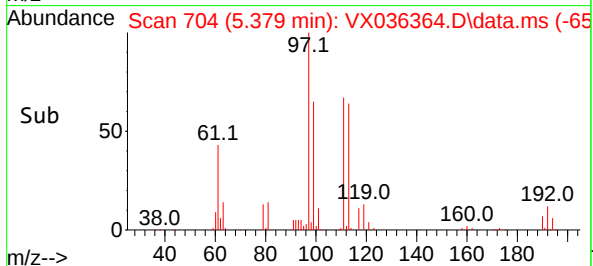
Tgt Ion:	113	Resp:	11576
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#36

1,1-Dichloropropene

Concen: 46.628 ug/l

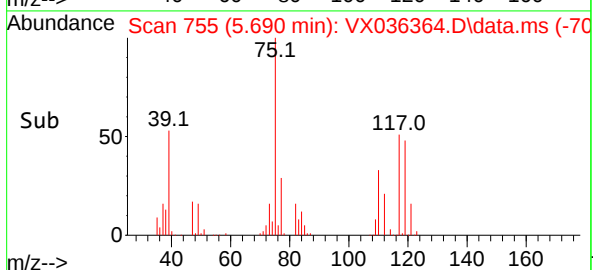
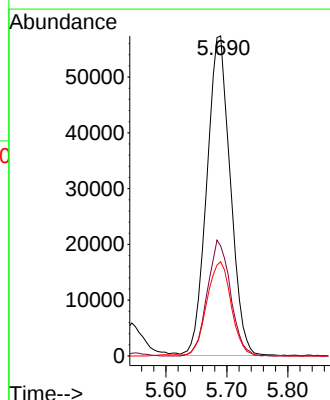
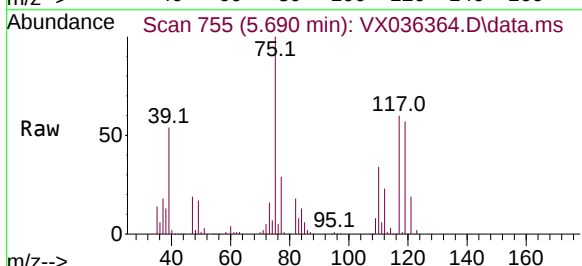
RT: 5.690 min Scan# 755

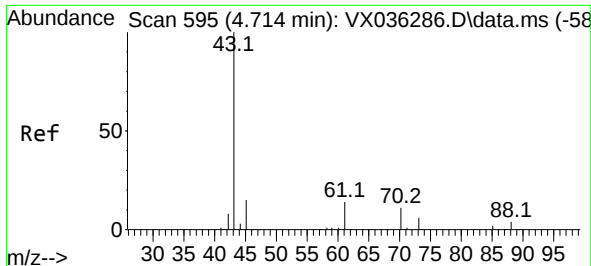
Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Tgt Ion:	75	Resp:	153750
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.0	50.9
77	30.6	24.7	37.1





#37

Ethyl Acetate

Concen: 55.172 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 185419

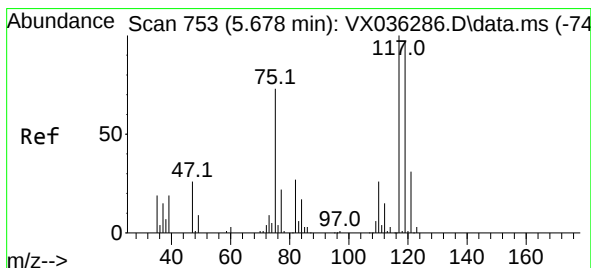
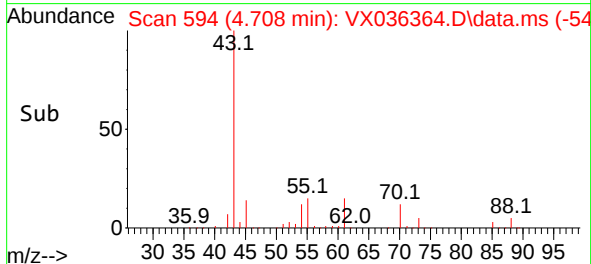
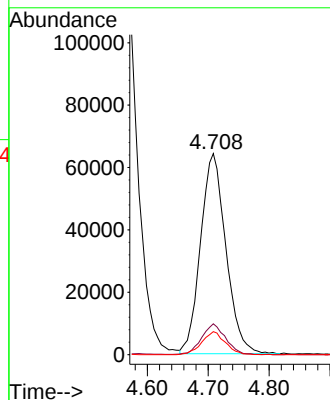
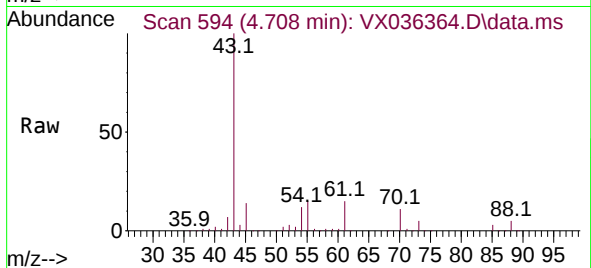
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	10.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#38

Carbon Tetrachloride

Concen: 52.774 ug/l

RT: 5.672 min Scan# 752

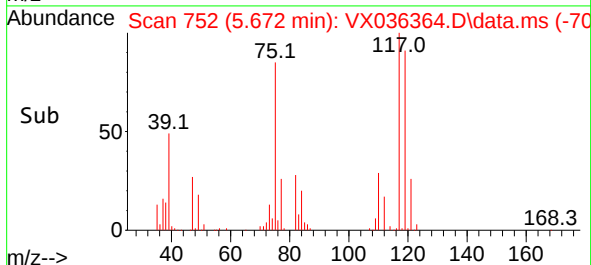
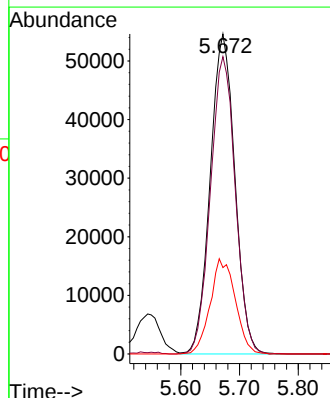
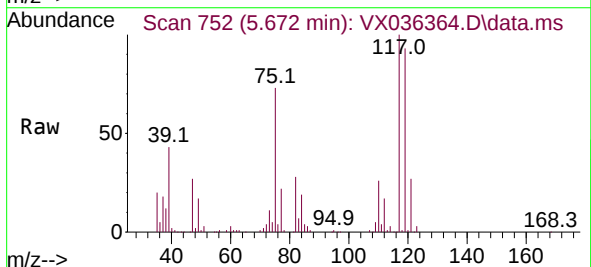
Delta R.T. -0.006 min

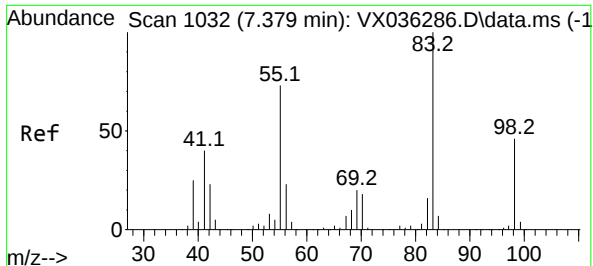
Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Tgt Ion:117 Resp: 158936

Ion	Ratio	Lower	Upper
117	100		
119	92.8	78.2	117.2
121	27.0	24.4	36.6





#39

Methylcyclohexane

Concen: 40.609 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.005 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 16038

Ion Ratio Lower Upper

83 100

55 75.8 64.6 97.0

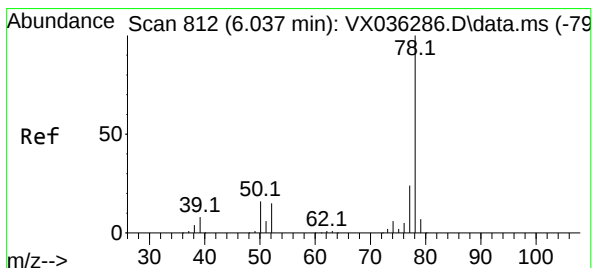
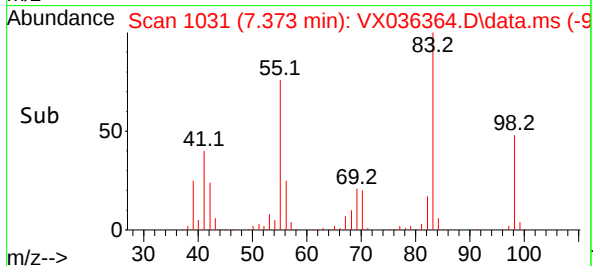
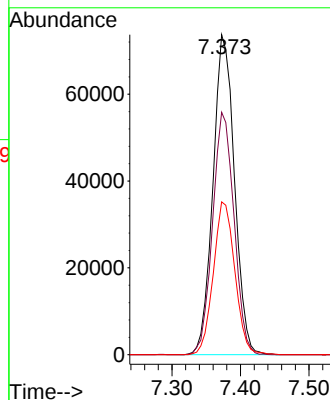
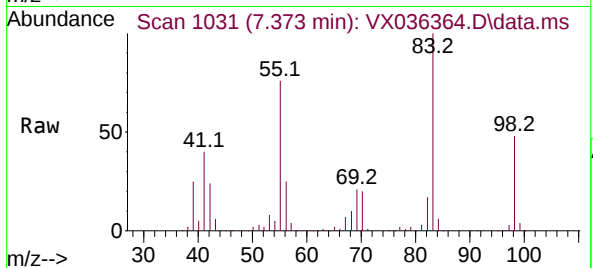
98 47.8 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#40

Benzene

Concen: 51.487 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX036364.D

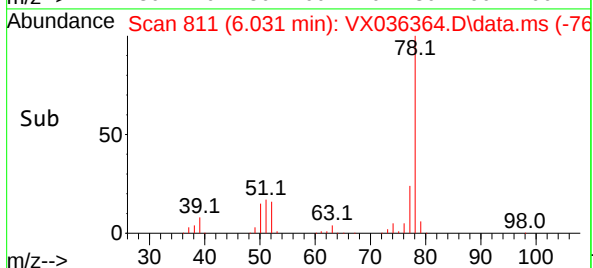
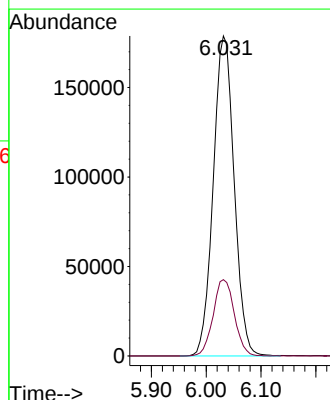
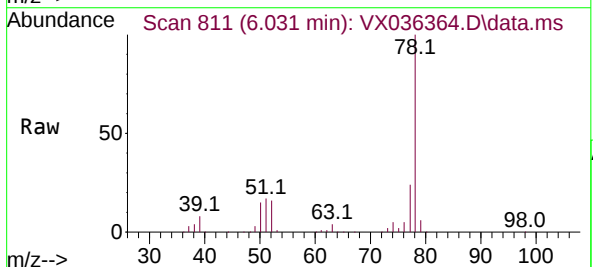
Acq: 28 Jun 2023 16:56

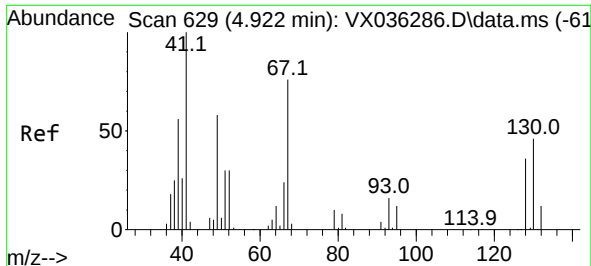
Tgt Ion: 78 Resp: 474255

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 56.186 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

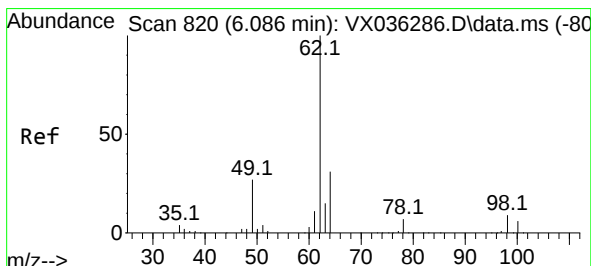
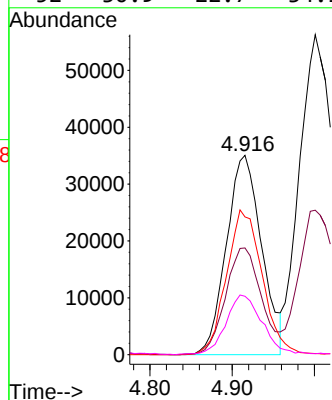
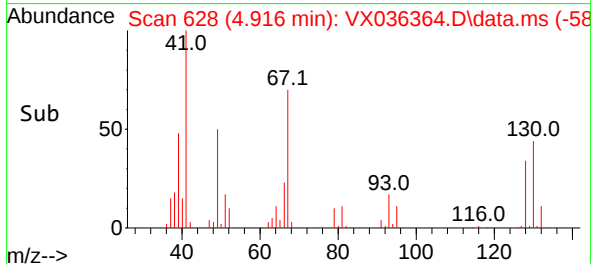
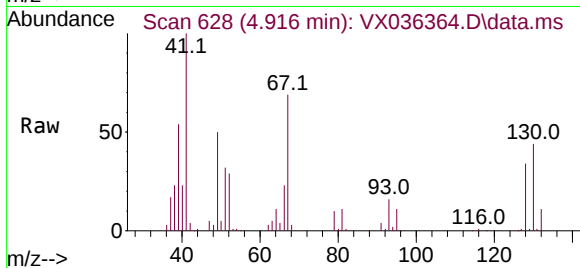
Tgt Ion: 41 Resp: 10475
Ion Ratio Lower Upper
41 100
39 54.6 45.2 67.8
67 73.8 52.6 78.8
52 30.9 22.7 34.1

Manual Integrations

APPROVED

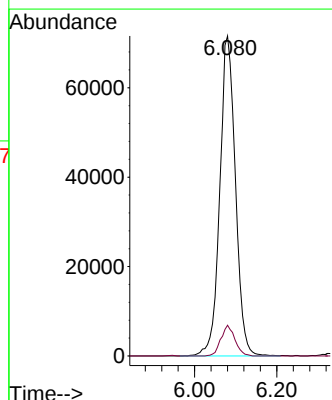
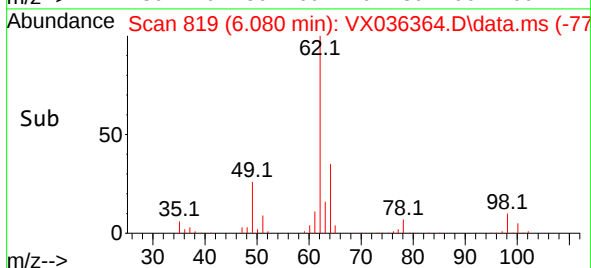
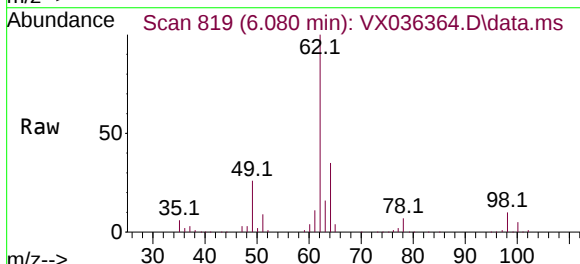
Reviewed By :John Carlone 06/29/2023

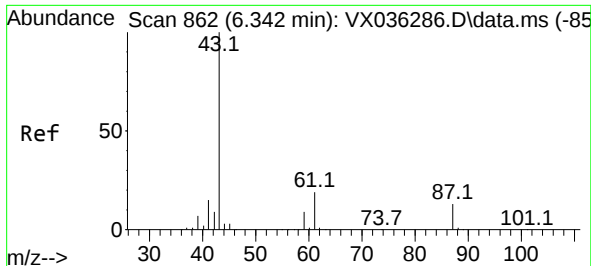
Supervised By :Mahesh Dadoda 06/29/2023



#42
1,2-Dichloroethane
Concen: 53.984 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

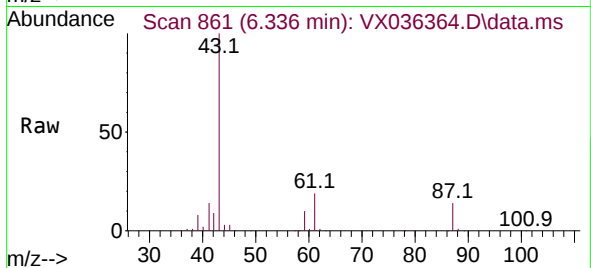
Tgt Ion: 62 Resp: 189135
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 57.751 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

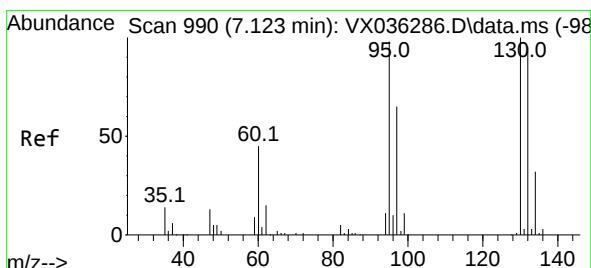
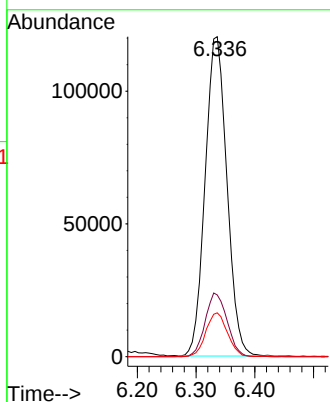
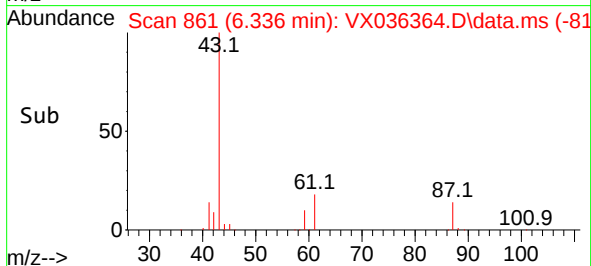
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 309618
Ion Ratio Lower Upper
43 100
61 20.1 15.2 22.8
87 13.6 9.8 14.6

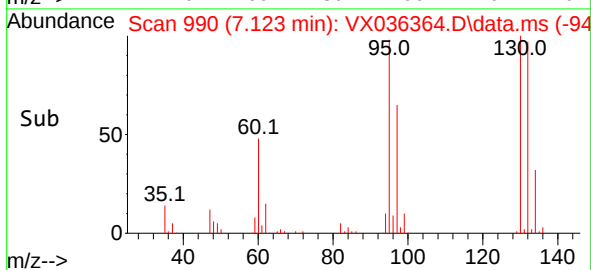
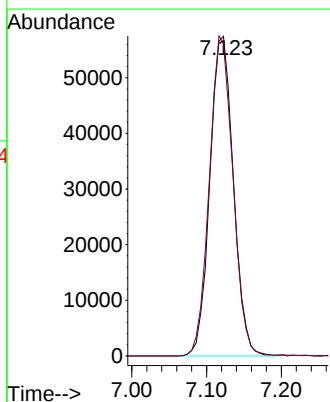
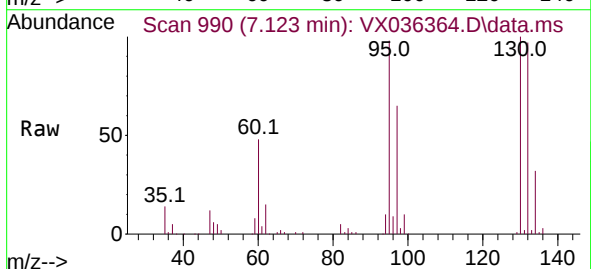
Manual Integrations
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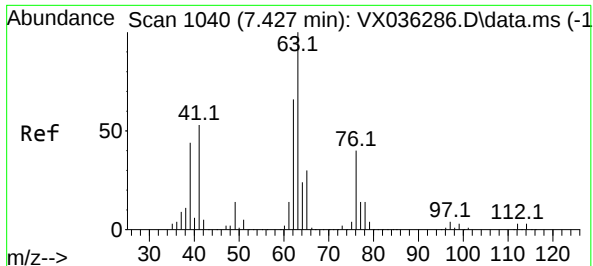
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#44
Trichloroethene
Concen: 49.025 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion:130 Resp: 125605
Ion Ratio Lower Upper
130 100
95 97.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.844 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13256

Ion Ratio Lower Upper

63 100

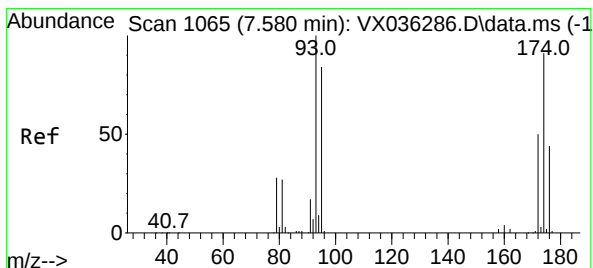
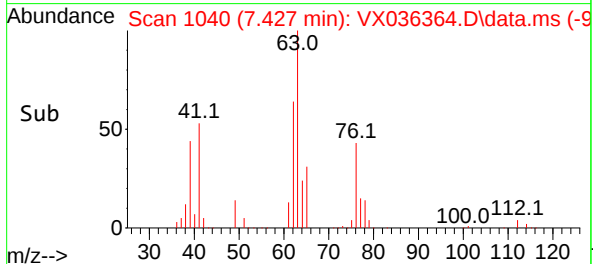
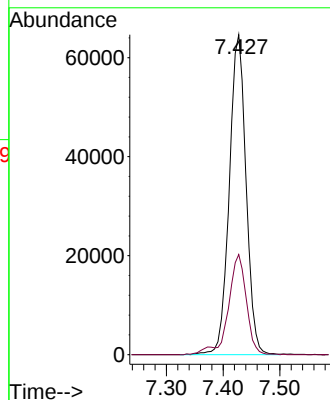
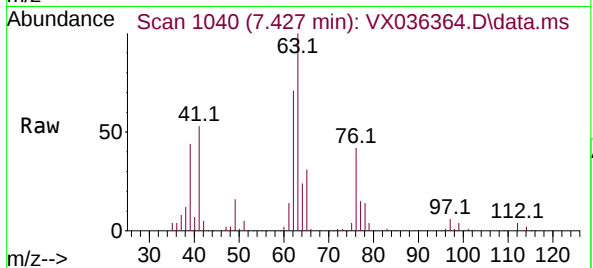
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#46

Dibromomethane

Concen: 54.490 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

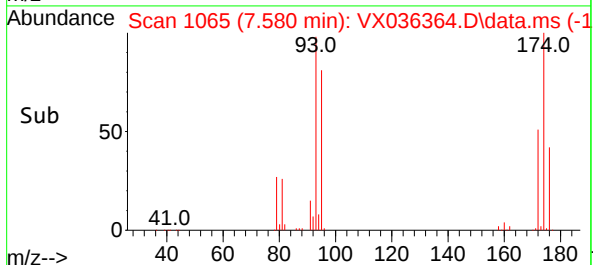
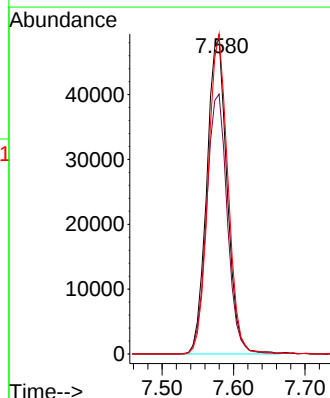
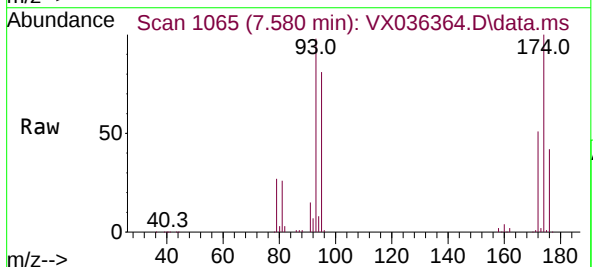
Tgt Ion: 93 Resp: 96225

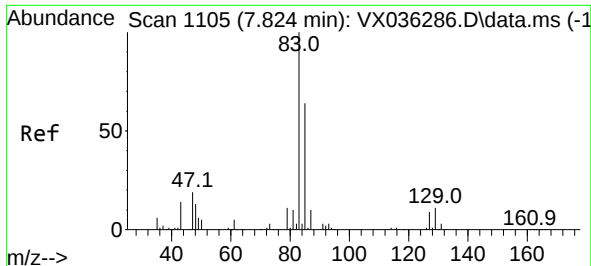
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

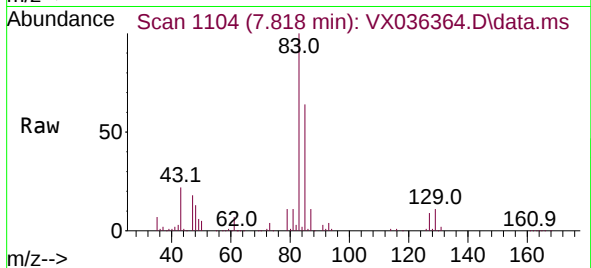
174 98.1 69.4 104.0





#47
Bromodichloromethane
Concen: 56.725 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

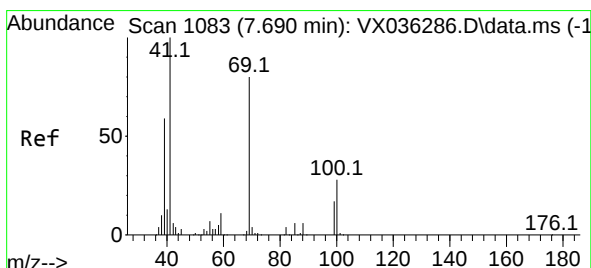
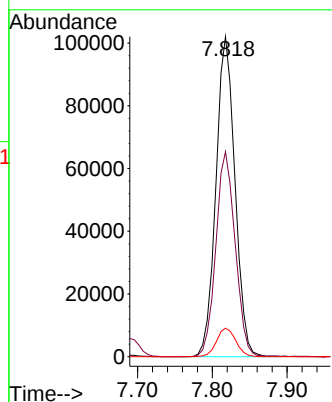
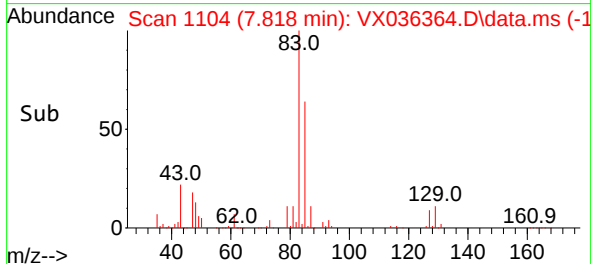
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 181148
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 8.9 7.1 10.7

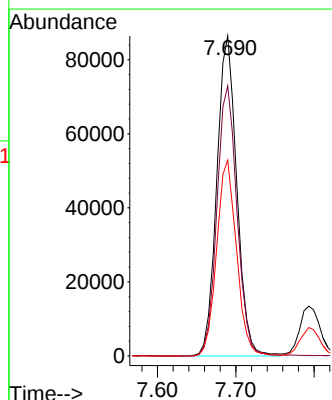
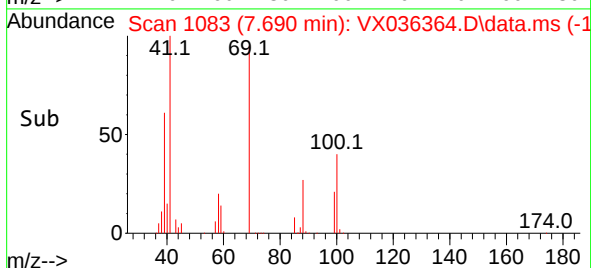
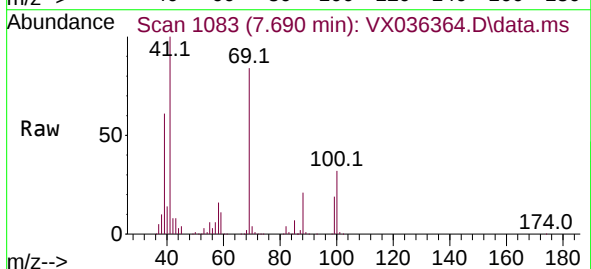
Manual Integrations
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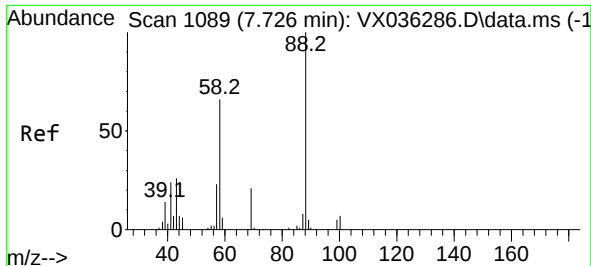
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#48
Methyl methacrylate
Concen: 57.334 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 41 Resp: 153263
Ion Ratio Lower Upper
41 100
69 85.2 59.2 88.8
39 61.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1130.314 ug/l

RT: 7.702 min Scan# 1089

Delta R.T. -0.030 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

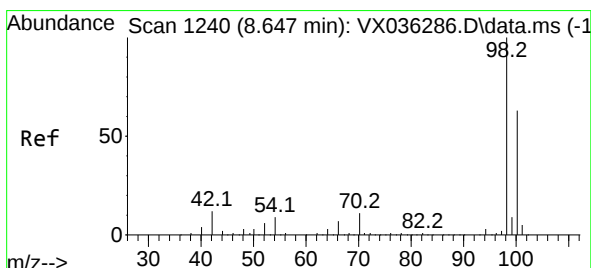
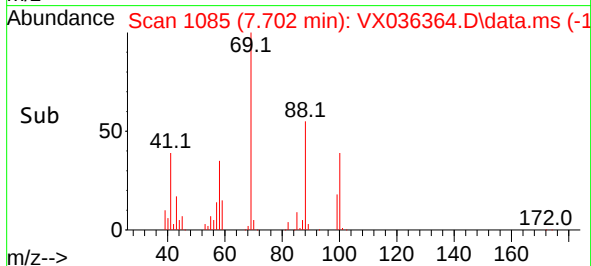
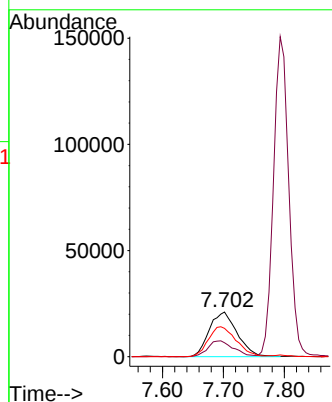
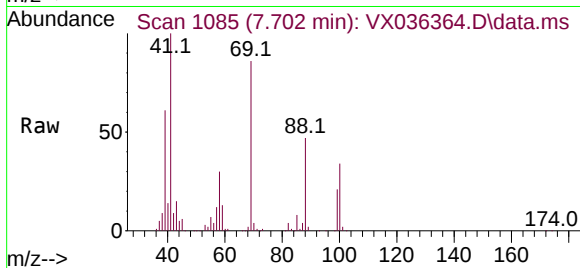
Tgt Ion: 88 Resp: 66983
 Ion Ratio Lower Upper
 88 100
 43 32.6 0.0 0.0
 58 66.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#50

Toluene-d8

Concen: 49.274 ug/l

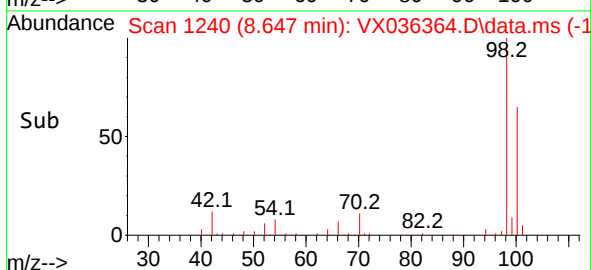
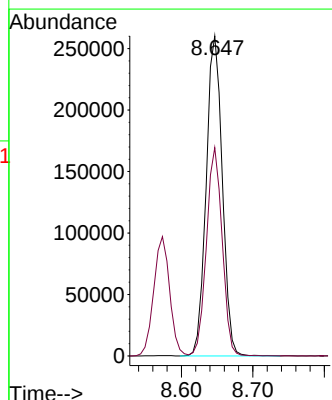
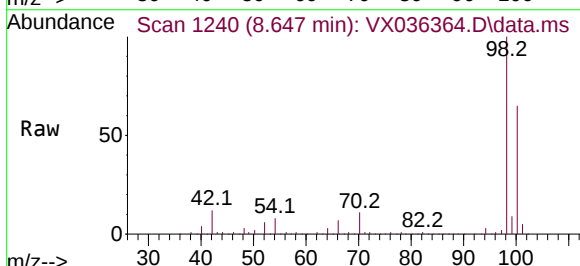
RT: 8.647 min Scan# 1240

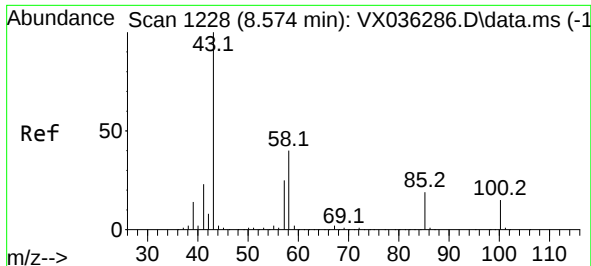
Delta R.T. 0.001 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Tgt Ion: 98 Resp: 407110
 Ion Ratio Lower Upper
 98 100
 100 63.7 53.1 79.7





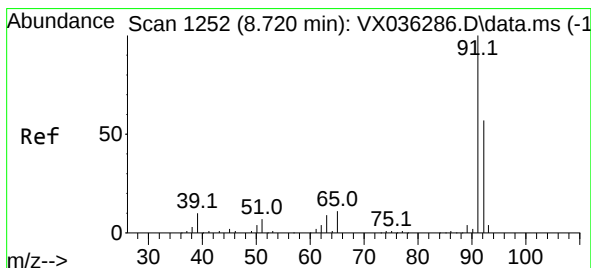
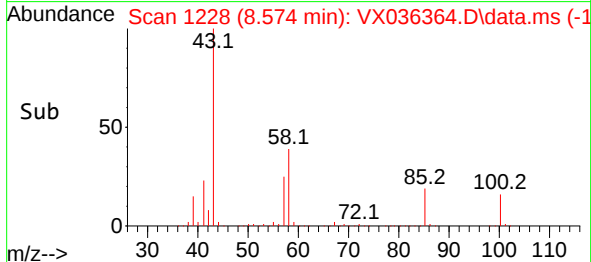
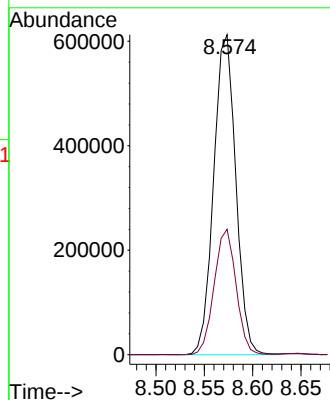
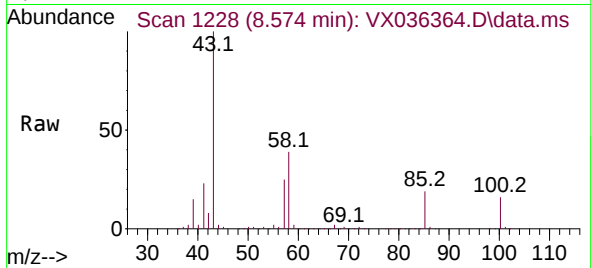
#51
4-Methyl-2-Pentanone
Concen: 282.064 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 974280
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

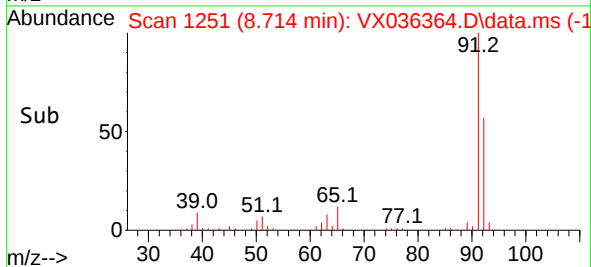
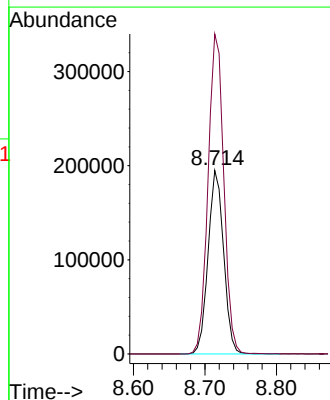
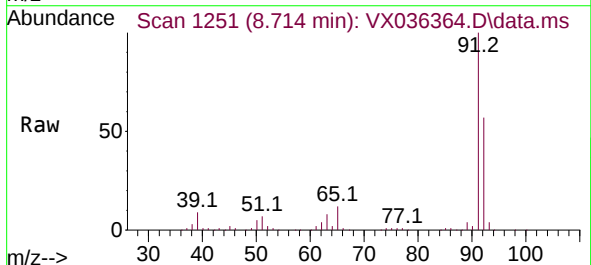
Manual Integrations
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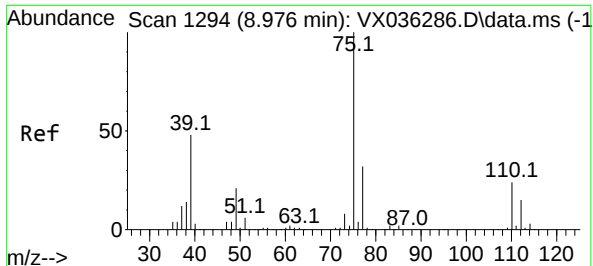
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#52
Toluene
Concen: 50.379 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 92 Resp: 294088
Ion Ratio Lower Upper
92 100
91 176.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 62.570 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 201840

Ion Ratio Lower Upper

75 100

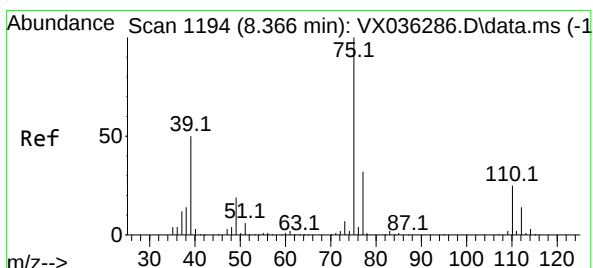
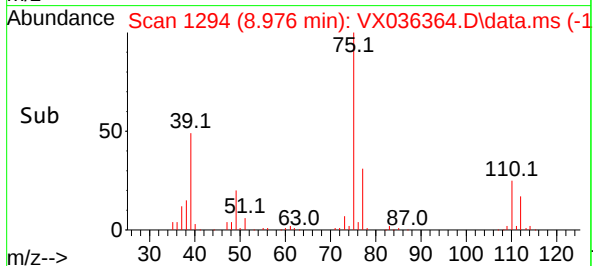
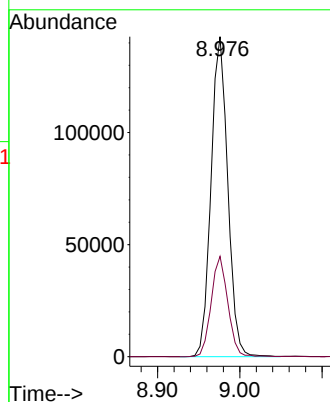
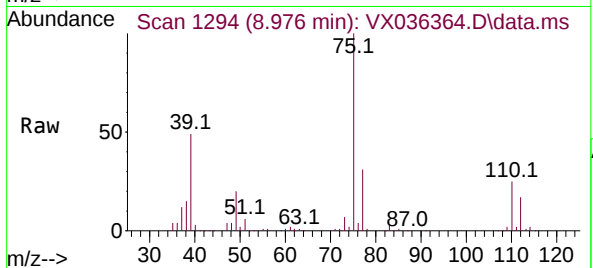
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#54

cis-1,3-Dichloropropene

Concen: 59.732 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

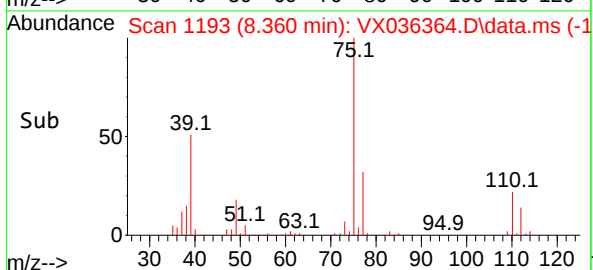
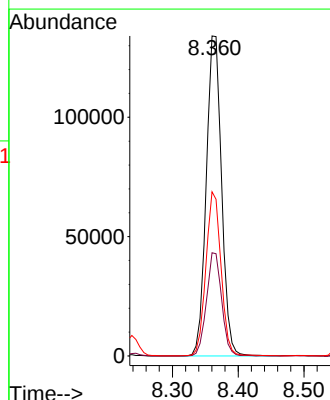
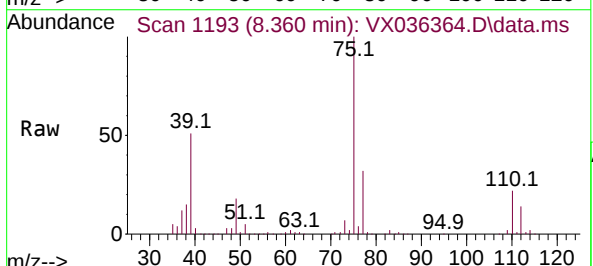
Tgt Ion: 75 Resp: 217818

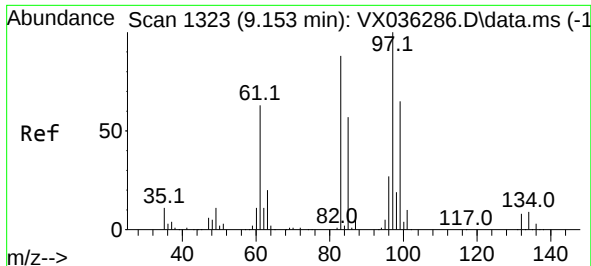
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

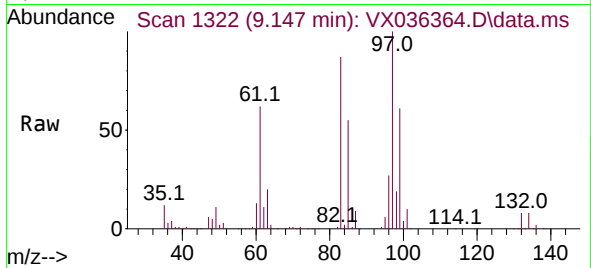
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 56.129 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

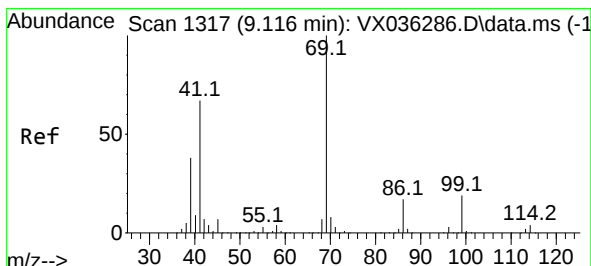
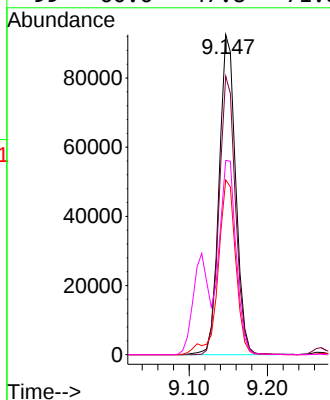
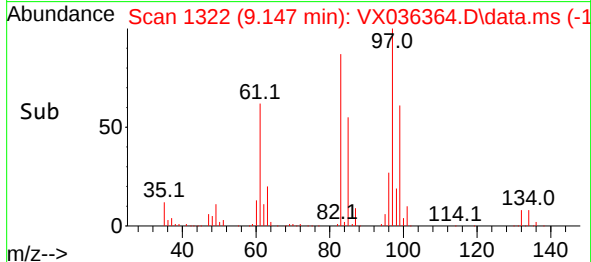


Tgt Ion: 97 Resp: 136172

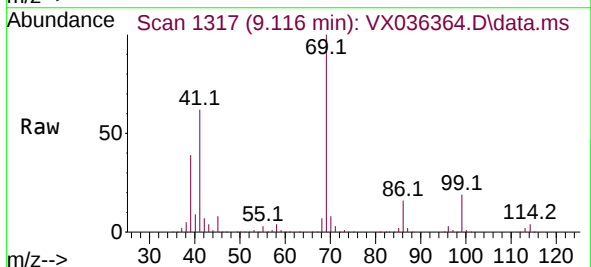
Ion	Ratio	Lower	Upper
97	100		
83	87.0	65.8	98.8
85	54.6	41.6	62.4
99	60.6	47.8	71.8

Manual Integrations
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Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

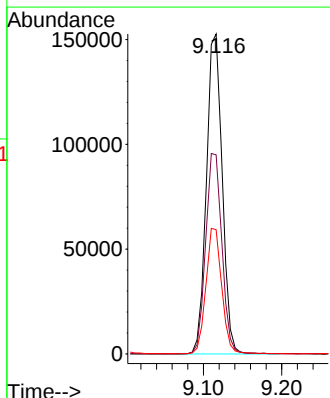
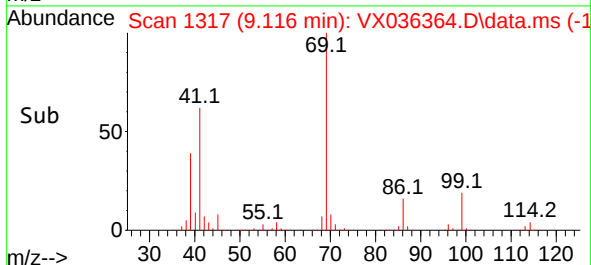


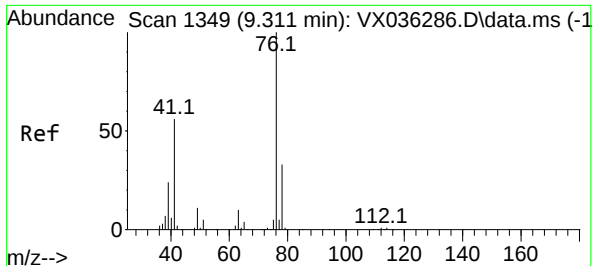
#56
Ethyl methacrylate
Concen: 58.849 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



Tgt Ion: 69 Resp: 213550

Ion	Ratio	Lower	Upper
69	100		
41	64.3	56.8	85.2
39	39.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 53.992 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 22448

Ion Ratio Lower Upper

76 100

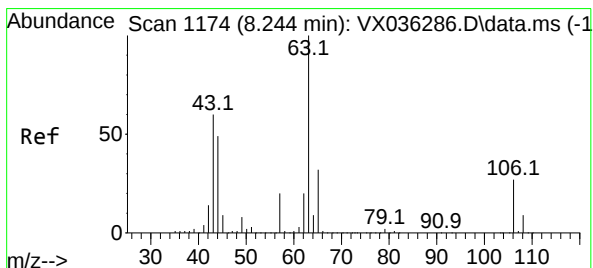
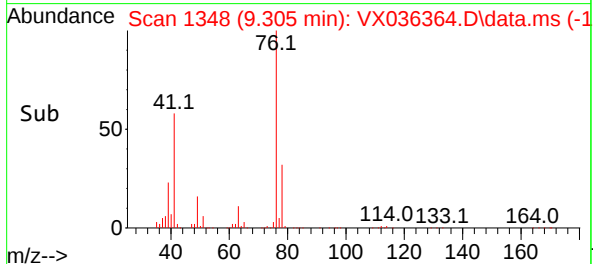
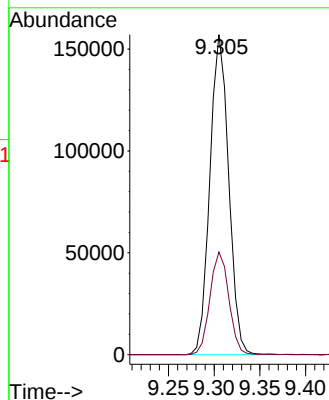
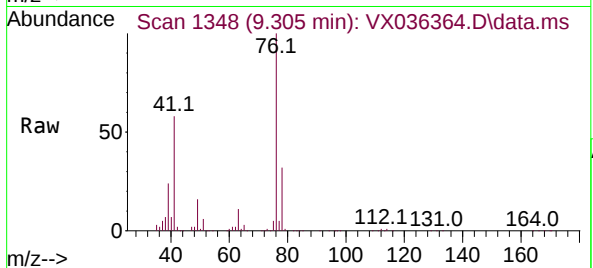
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#58

2-Chloroethyl Vinyl ether

Concen: 273.898 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036364.D

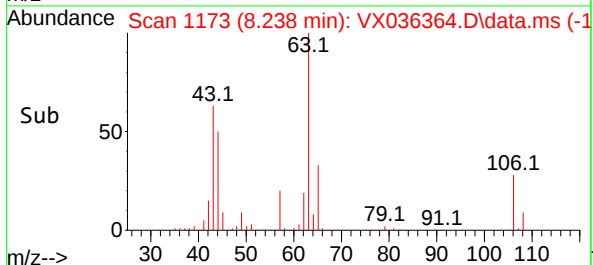
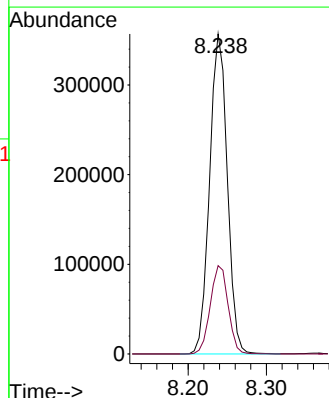
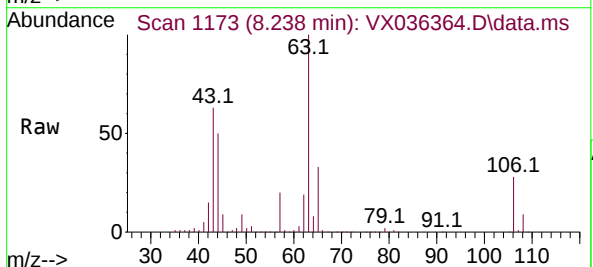
Acq: 28 Jun 2023 16:56

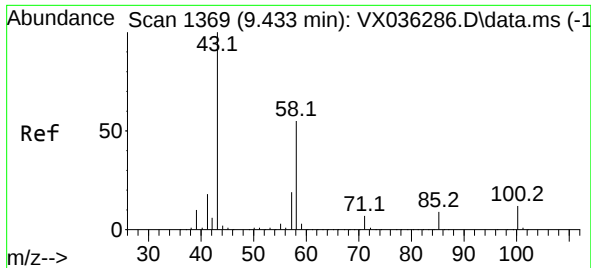
Tgt Ion: 63 Resp: 558567

Ion Ratio Lower Upper

63 100

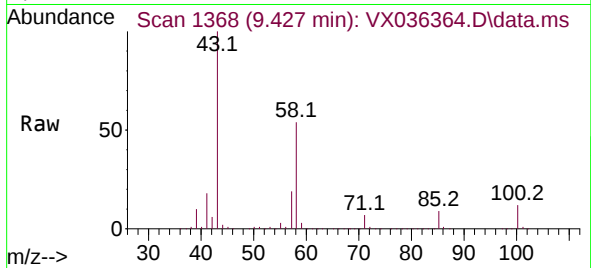
106 27.9 22.5 33.7





#59
2-Hexanone
Concen: 287.545 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

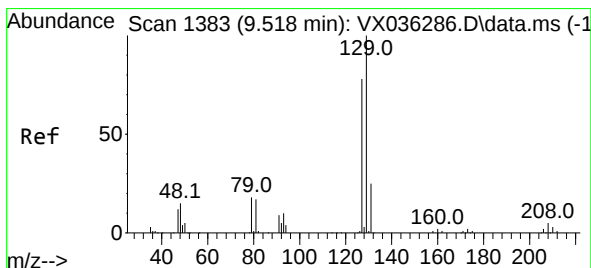
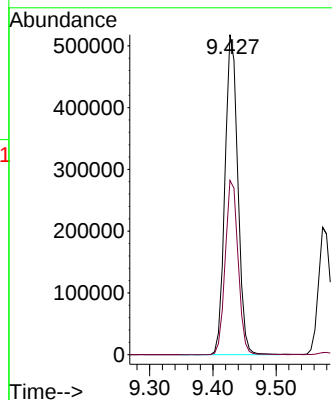
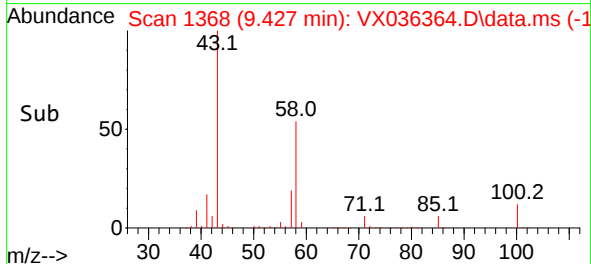
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



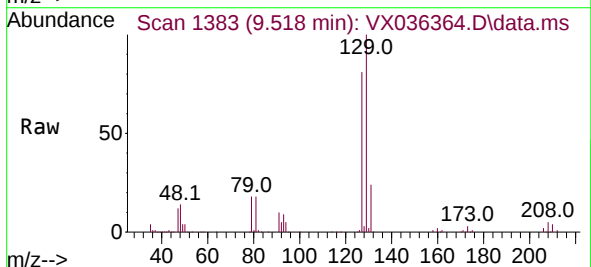
Tgt Ion: 43 Resp: 725290
Ion Ratio Lower Upper
43 100
58 54.8 26.2 78.5

Manual Integrations
APPROVED

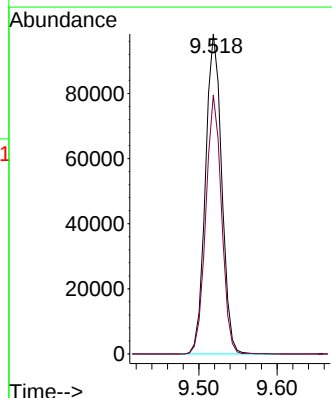
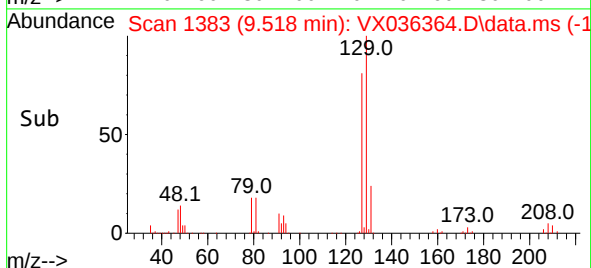
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

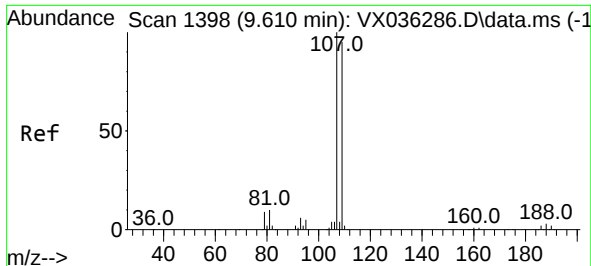


#60
Dibromochloromethane
Concen: 59.814 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



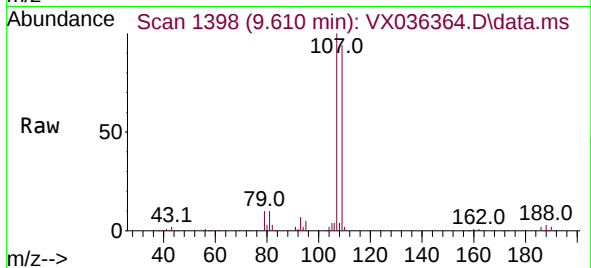
Tgt Ion:129 Resp: 140991
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.955 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

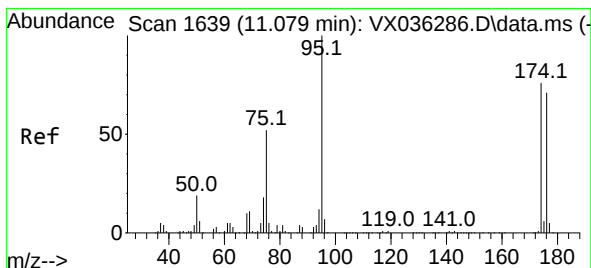
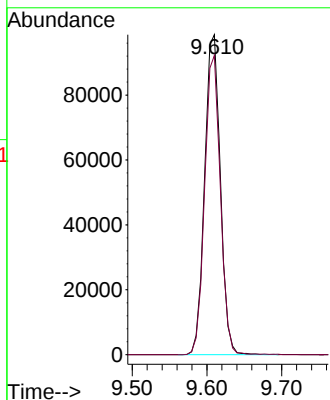
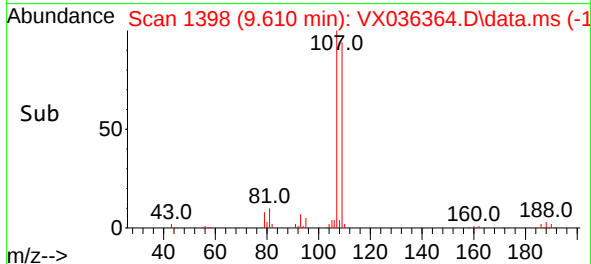
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



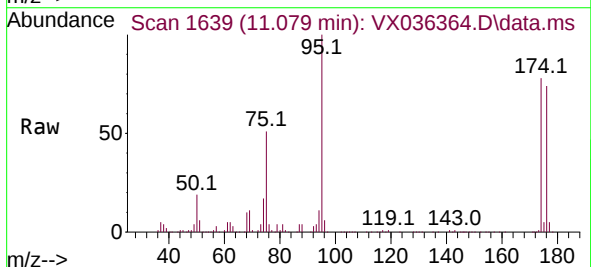
Tgt Ion:107 Resp: 14406
Ion Ratio Lower Upper
107 100
109 93.3 75.2 112.8

Manual Integrations
APPROVED

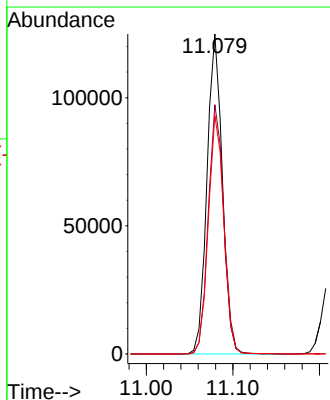
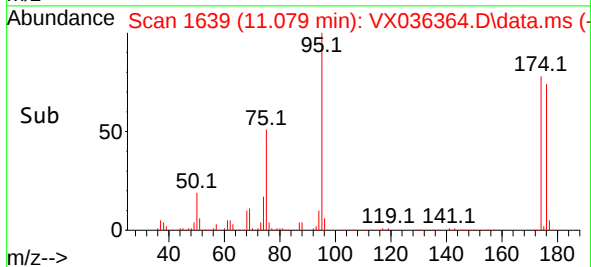
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

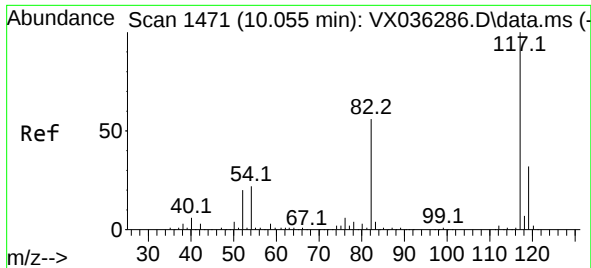


#62
4-Bromofluorobenzene
Concen: 52.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



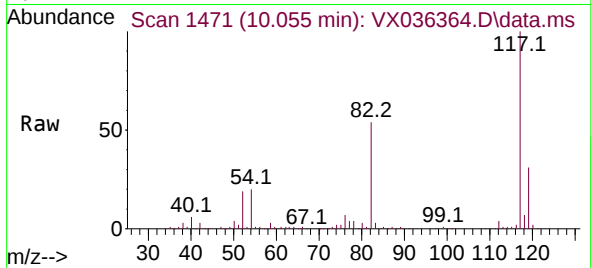
Tgt Ion: 95 Resp: 153216
Ion Ratio Lower Upper
95 100
174 79.3 0.0 135.6
176 75.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

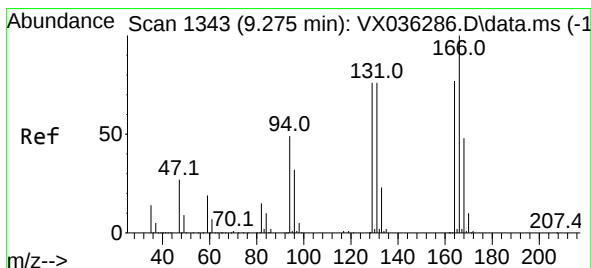
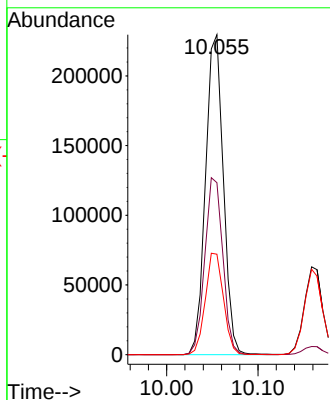
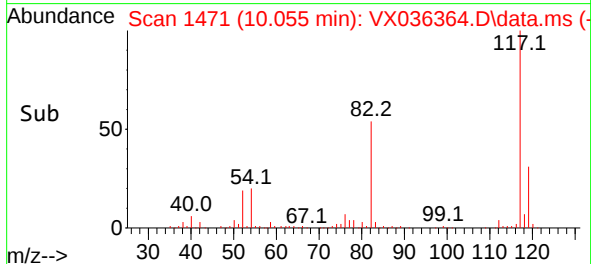
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 310160
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.4 25.5 38.3

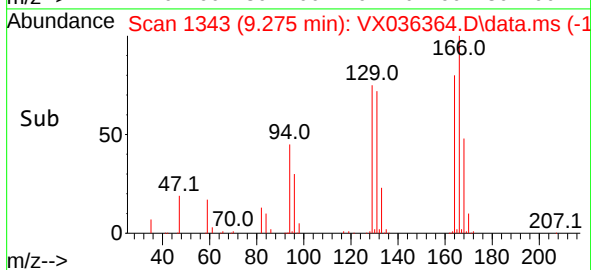
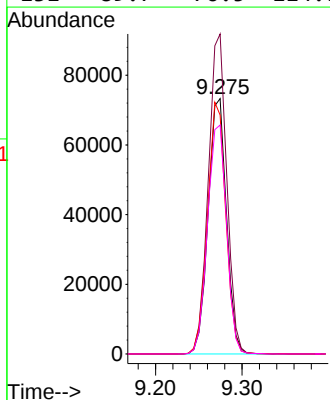
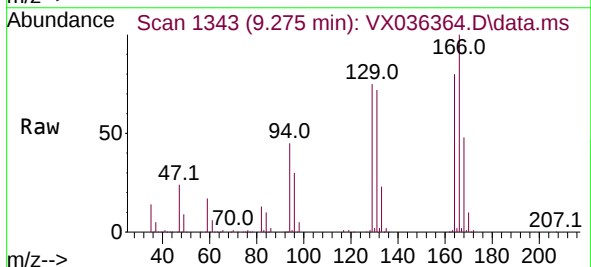
Manual Integrations
APPROVED

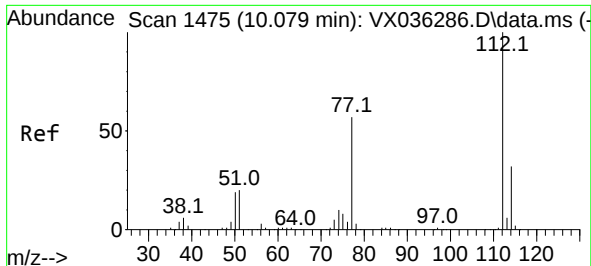
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#64
Tetrachloroethene
Concen: 49.181 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

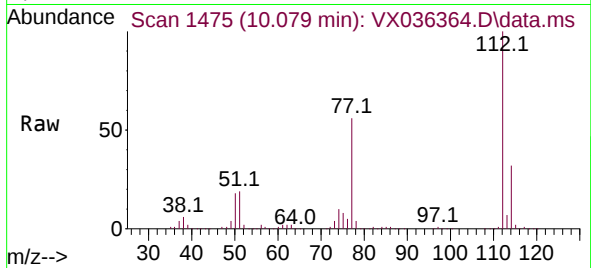
Tgt Ion:164 Resp: 107709
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 93.6 80.4 120.6
131 89.7 76.5 114.7





#65
Chlorobenzene
Concen: 51.986 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

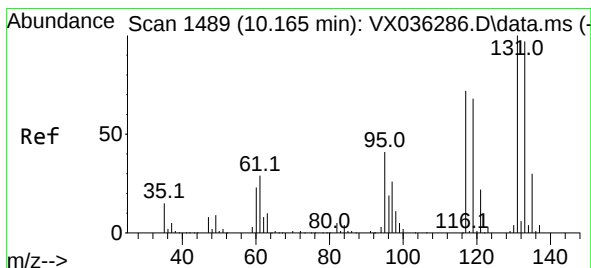
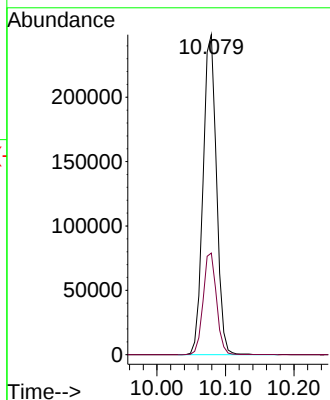
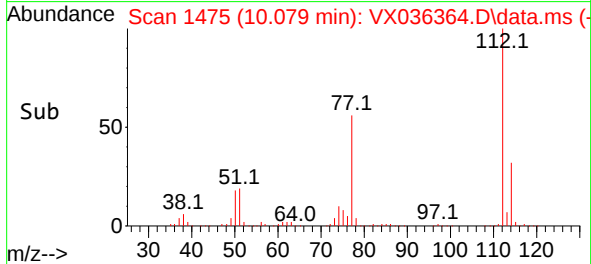
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 338950
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

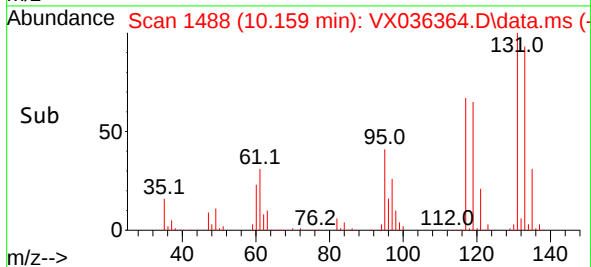
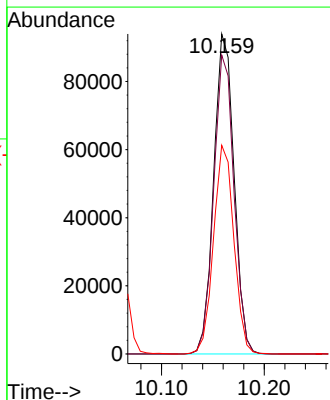
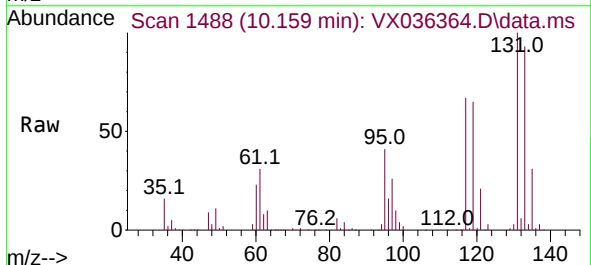
Manual Integrations
APPROVED

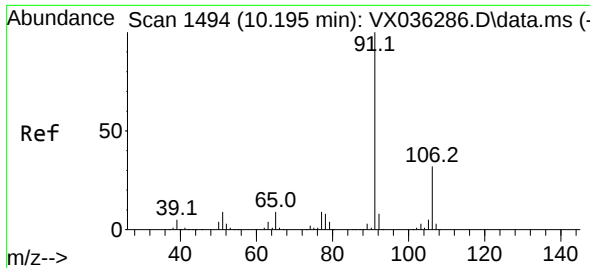
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.470 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

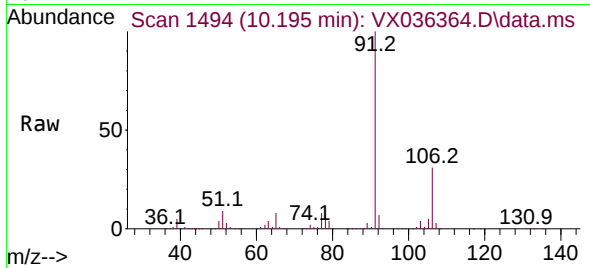
Tgt Ion:131 Resp: 128861
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 65.4 32.2 96.6





#67
Ethyl Benzene
Concen: 50.393 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

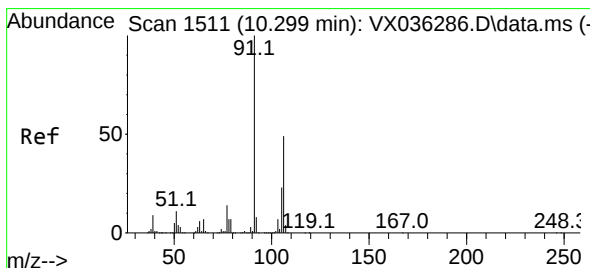
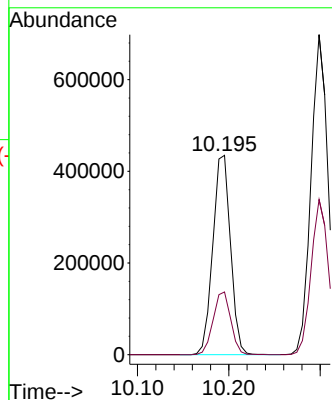
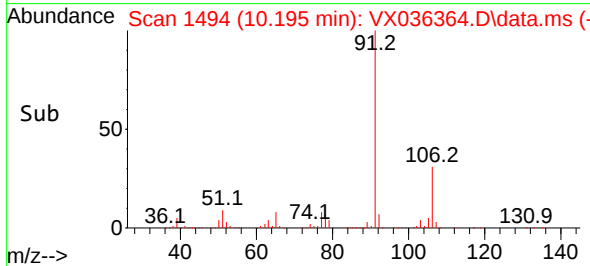
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 584120
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

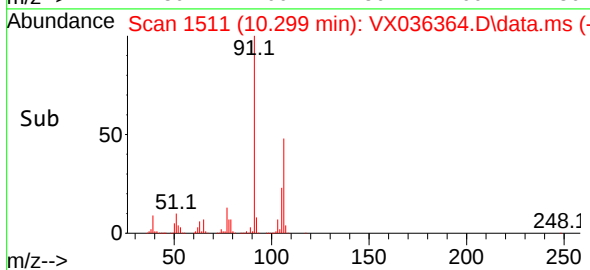
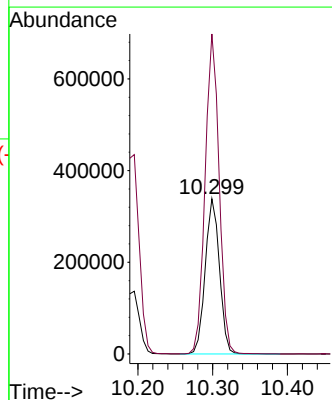
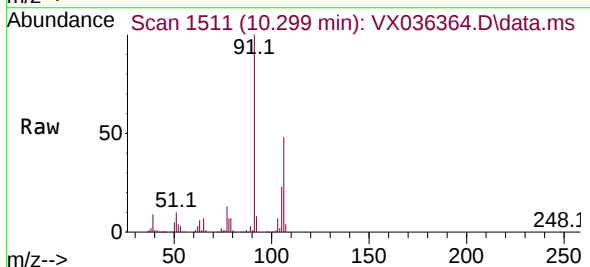
Manual Integrations
APPROVED

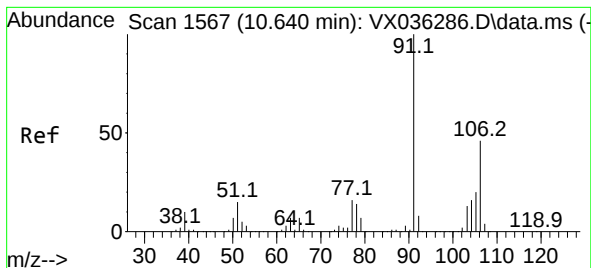
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#68
m/p-Xylenes
Concen: 99.308 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion:106 Resp: 447236
Ion Ratio Lower Upper
106 100
91 203.1 165.5 248.3





#69

o-Xylene

Concen: 51.900 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 225709

Ion Ratio Lower Upper

106 100

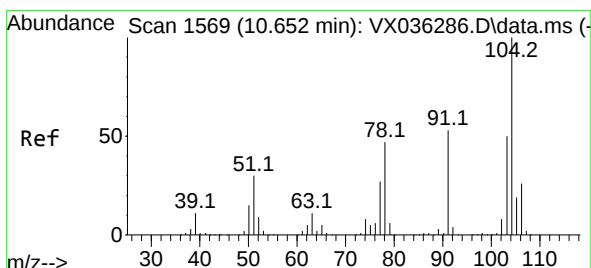
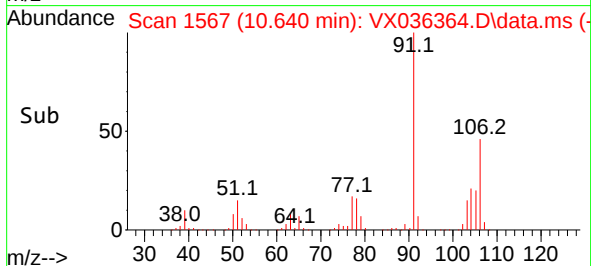
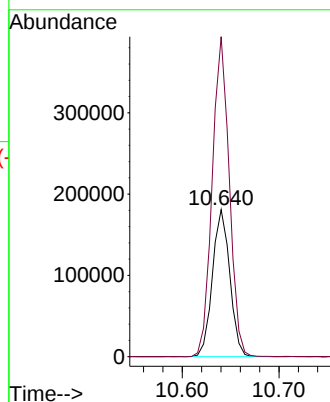
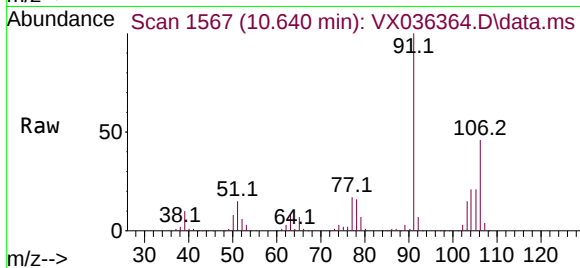
91 214.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#70

Styrene

Concen: 52.688 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

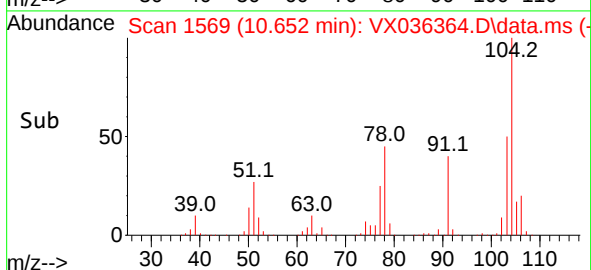
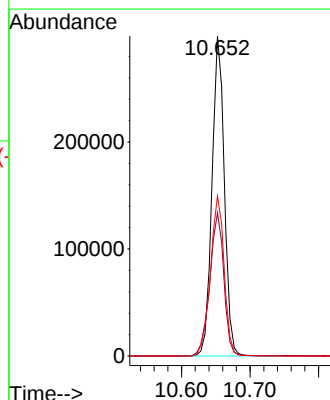
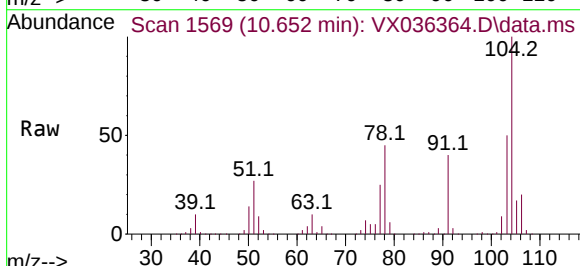
Tgt Ion:104 Resp: 375171

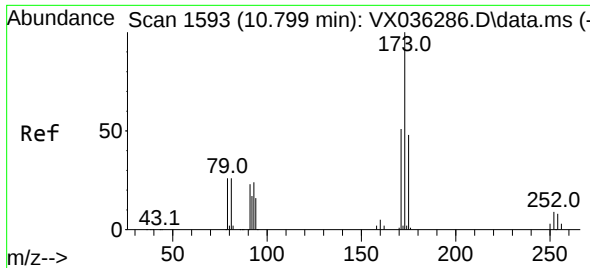
Ion Ratio Lower Upper

104 100

78 50.8 43.6 65.4

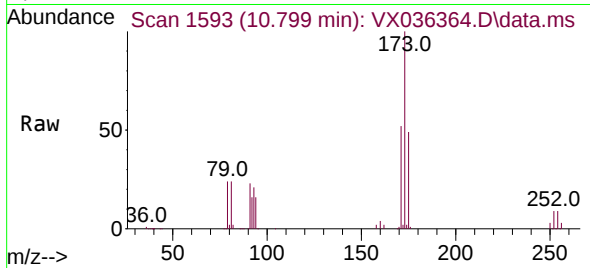
103 55.5 43.6 65.4





#71
Bromoform
Concen: 64.708 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

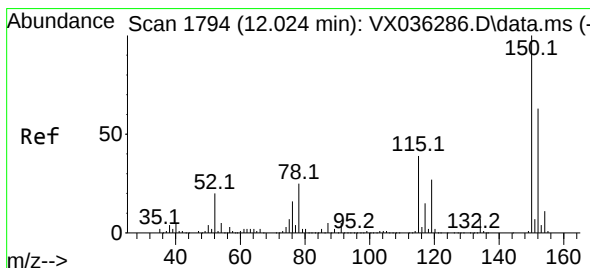
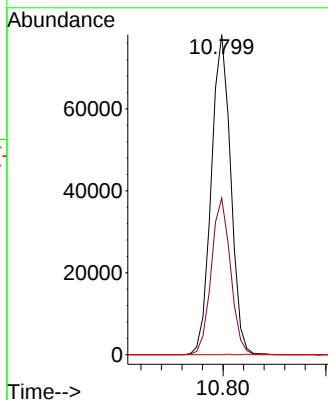
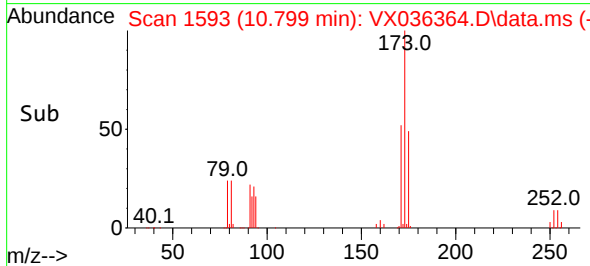
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 102288
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

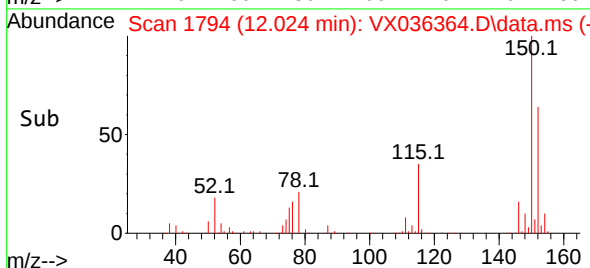
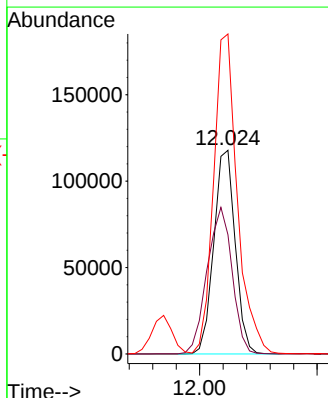
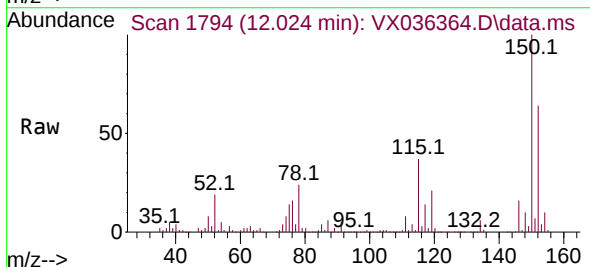
Manual Integrations
APPROVED

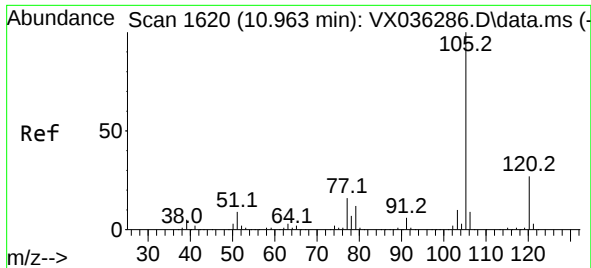
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion:152 Resp: 149555
Ion Ratio Lower Upper
152 100
115 83.9 43.3 129.9
150 173.5 0.0 345.0





#73
Isopropylbenzene
Concen: 49.220 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

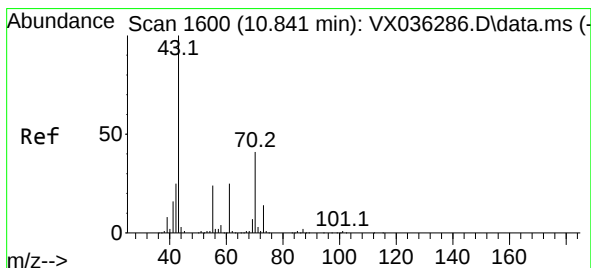
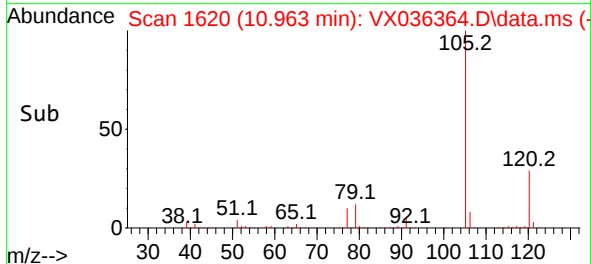
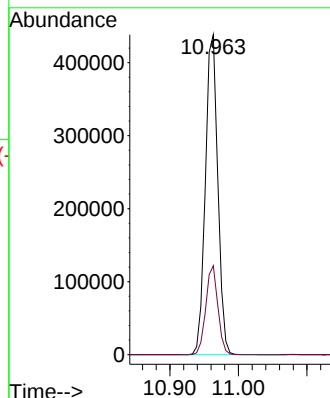
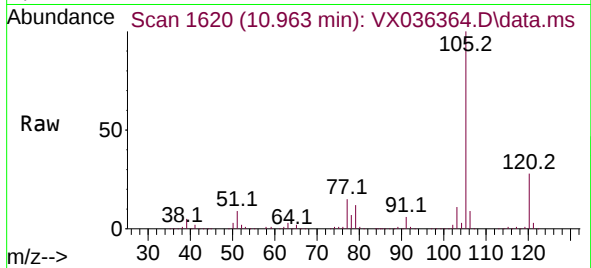
VSTDCCC050EC

Tgt Ion:105 Resp: 554735
Ion Ratio Lower Upper
105 100
120 27.0 12.9 38.6

Manual Integrations

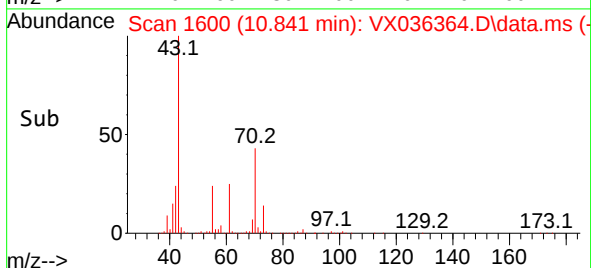
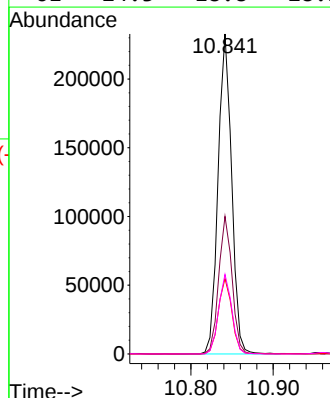
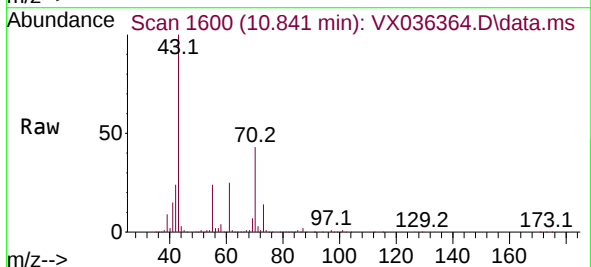
APPROVED

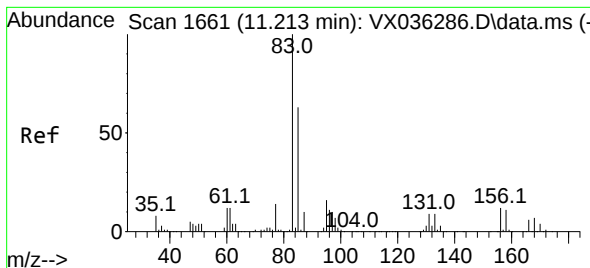
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#74
N-ethyl acetate
Concen: 59.794 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

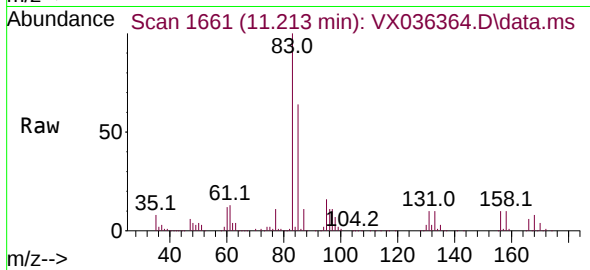
Tgt Ion: 43 Resp: 266564
Ion Ratio Lower Upper
43 100
70 42.5 32.9 49.3
55 23.6 19.3 28.9
61 24.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.715 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

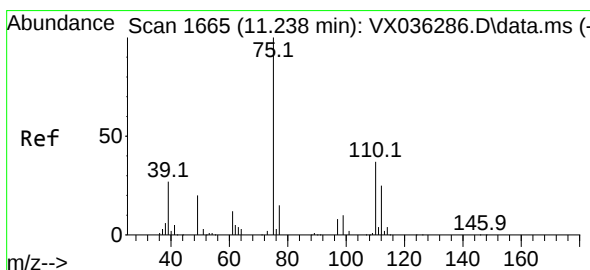
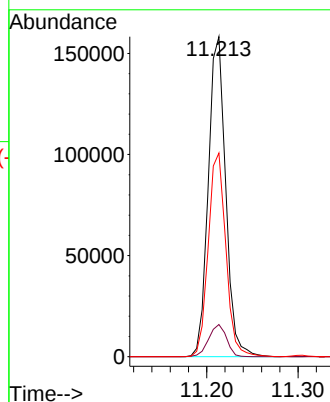
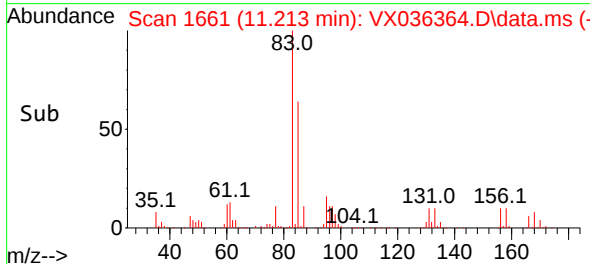
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



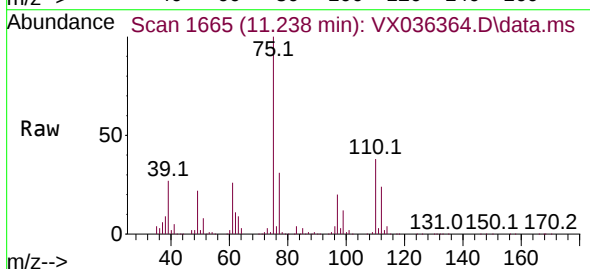
Tgt Ion: 83 Resp: 208828
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.8
85 64.5 32.0 96.2

Manual Integrations
APPROVED

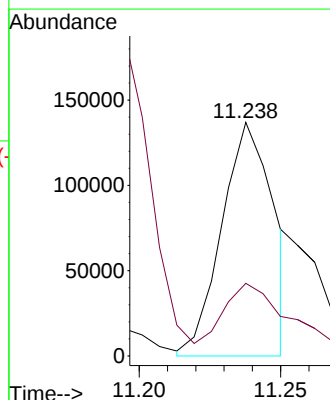
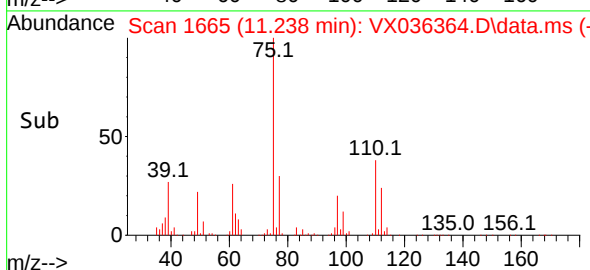
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

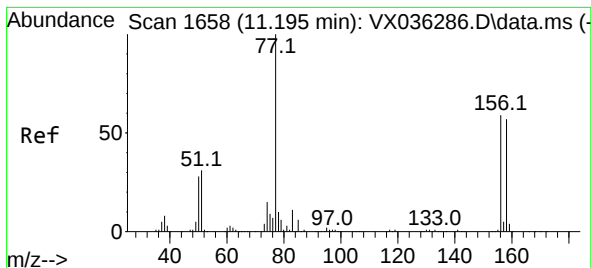


#76
1,2,3-Trichloropropane
Concen: 54.622 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



Tgt Ion: 75 Resp: 174248
Ion Ratio Lower Upper
75 100
77 41.6 19.1 57.5





#77

Bromobenzene

Concen: 52.419 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

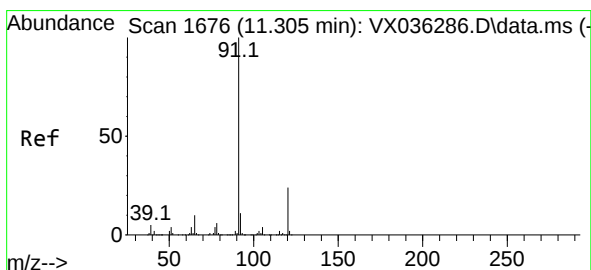
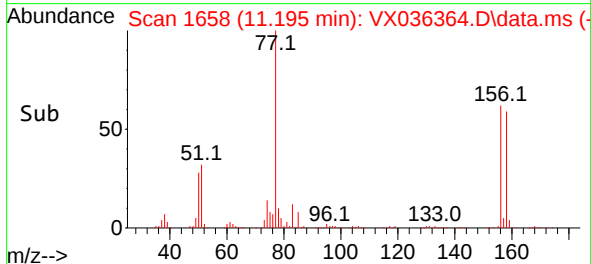
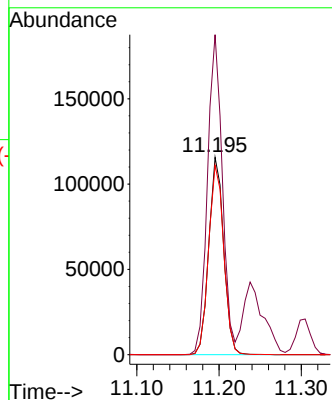
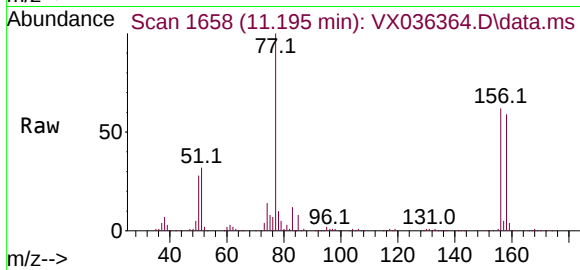
Tgt Ion:	156	Resp:	14527
Ion Ratio	Lower	Upper	
156	100		
77	162.1	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#78

n-propylbenzene

Concen: 48.447 ug/l

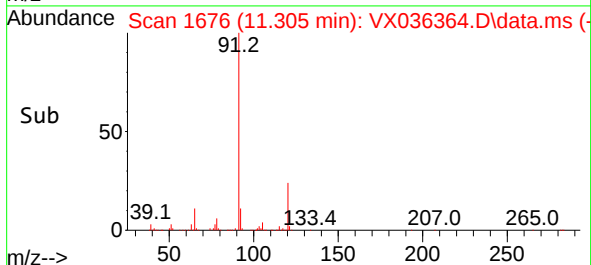
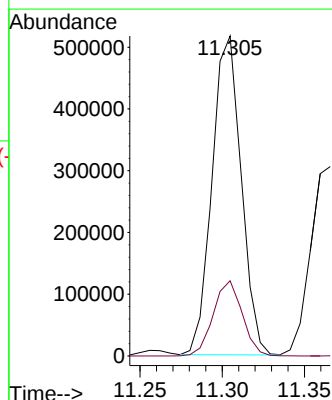
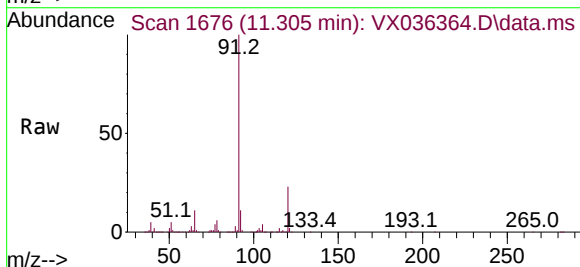
RT: 11.305 min Scan# 1676

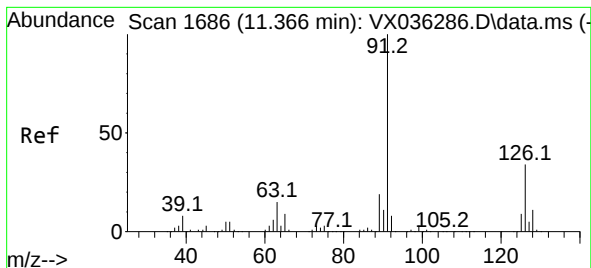
Delta R.T. -0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

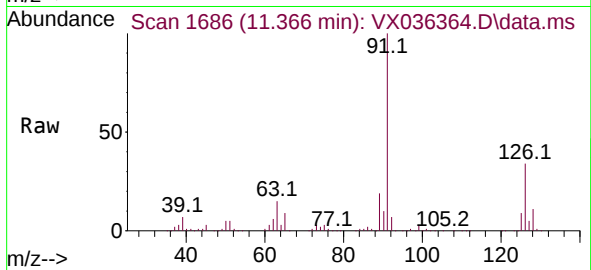
Tgt Ion:	91	Resp:	637685
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.084 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

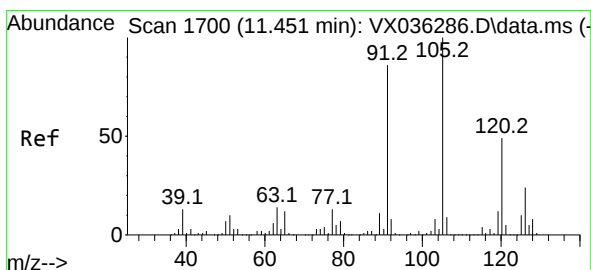
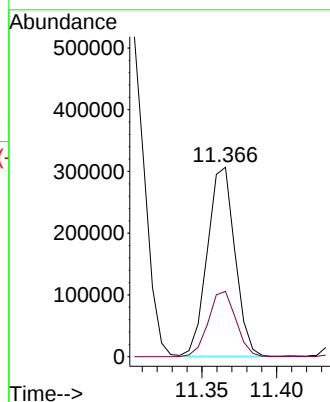
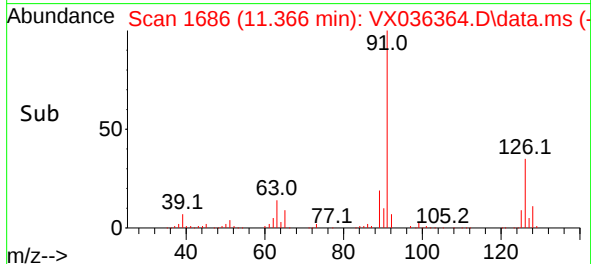
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



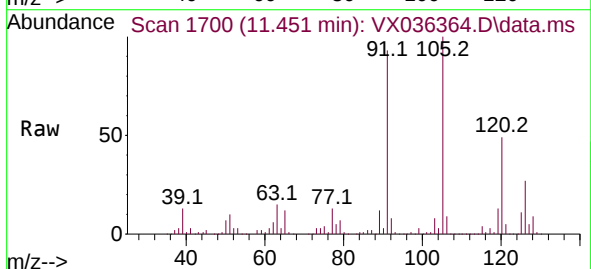
Tgt Ion: 91 Resp: 392159
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

Manual Integrations
APPROVED

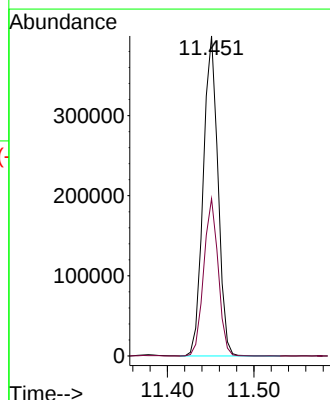
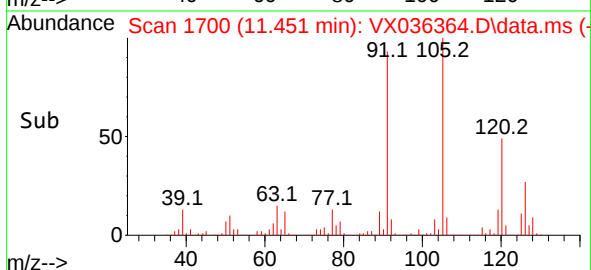
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

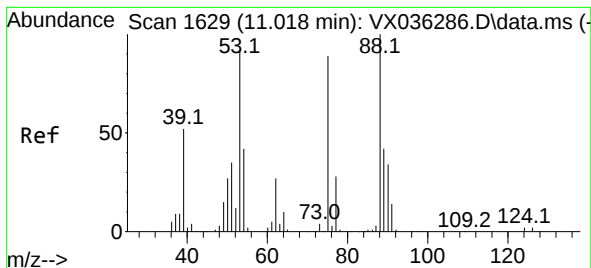


#80
1,3,5-Trimethylbenzene
Concen: 49.318 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



Tgt Ion:105 Resp: 470729
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





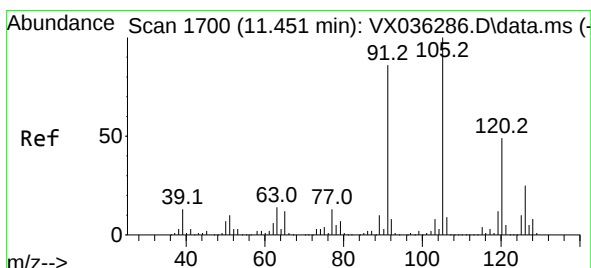
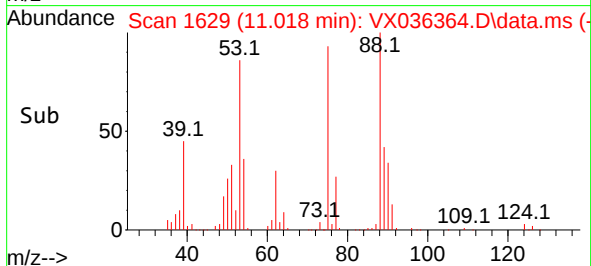
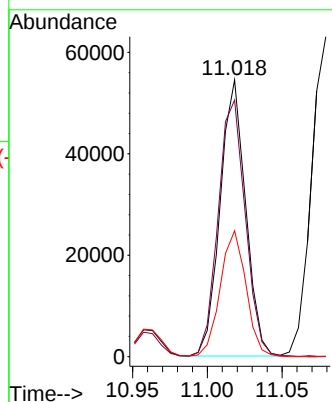
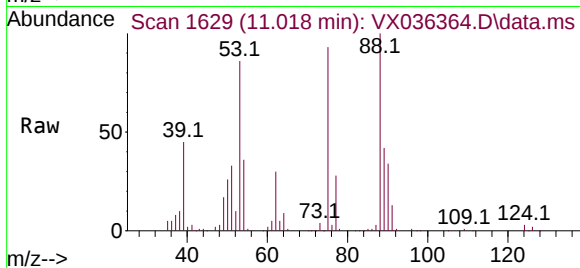
#81
trans-1,4-Dichloro-2-butene
Concen: 65.940 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 64530
Ion Ratio Lower Upper
75 100
53 99.2 90.5 135.7
89 46.2 36.9 55.3

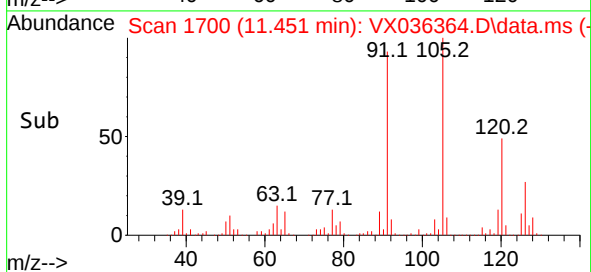
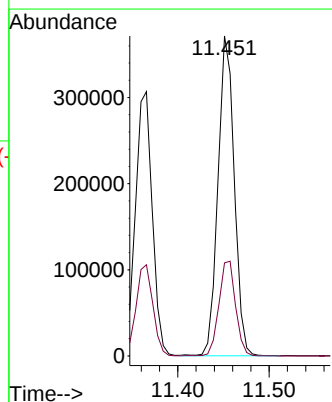
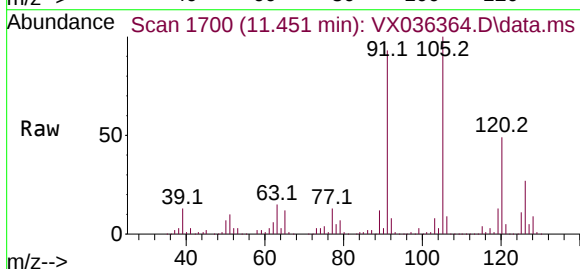
Manual Integrations
APPROVED

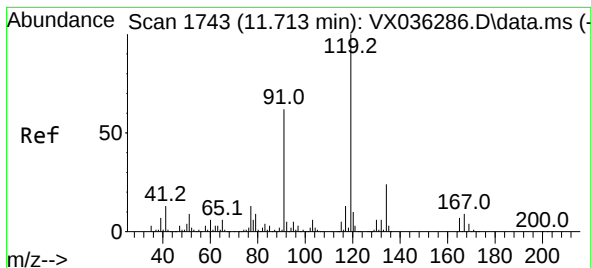
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#82
4-Chlorotoluene
Concen: 50.432 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion: 91 Resp: 459737
Ion Ratio Lower Upper
91 100
126 30.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.072 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

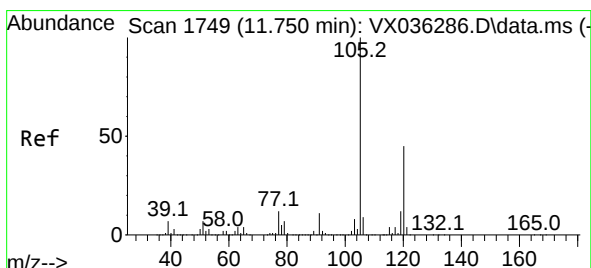
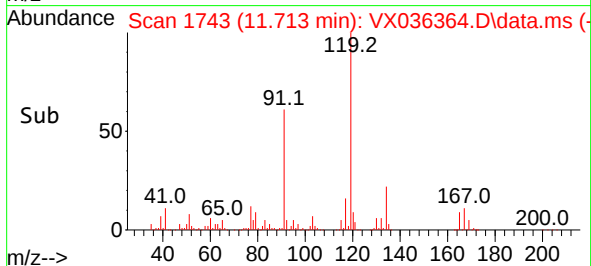
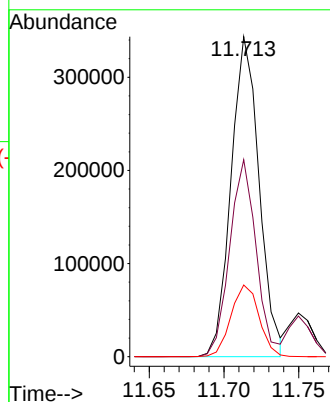
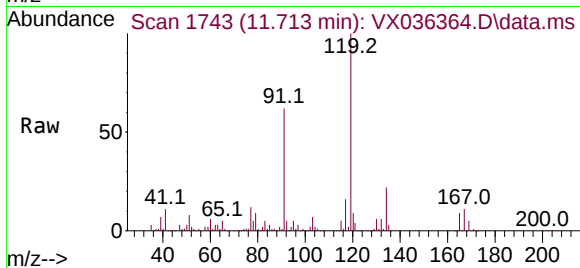
Tgt Ion:119 Resp: 448879
 Ion Ratio Lower Upper
 119 100
 91 58.4 31.2 93.6
 134 22.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.311 ug/l

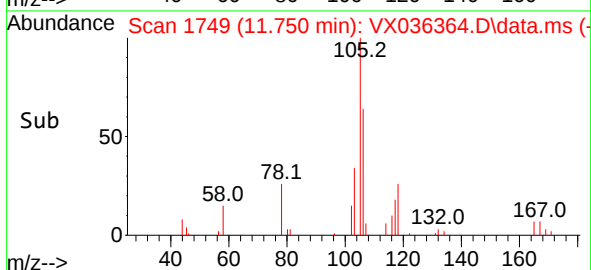
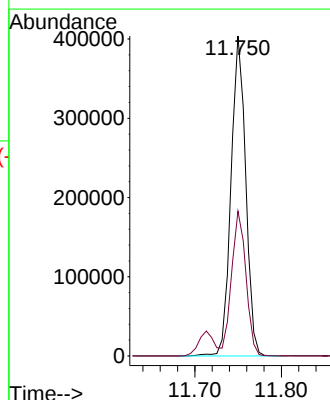
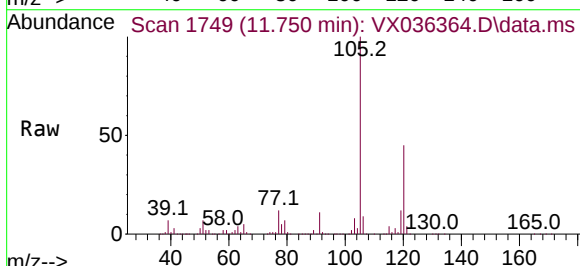
RT: 11.750 min Scan# 1749

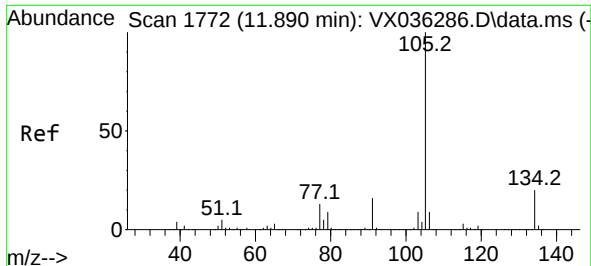
Delta R.T. -0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Tgt Ion:105 Resp: 475082
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.503 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

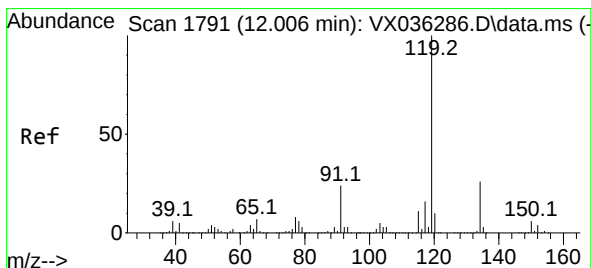
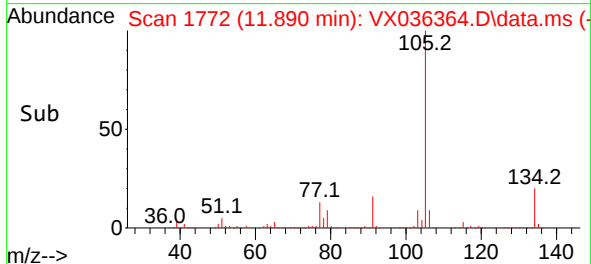
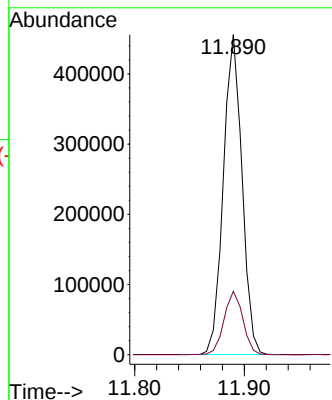
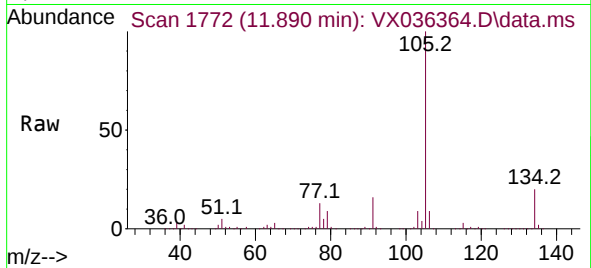
VSTDCCC050EC

Tgt Ion:105 Resp: 538889
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations

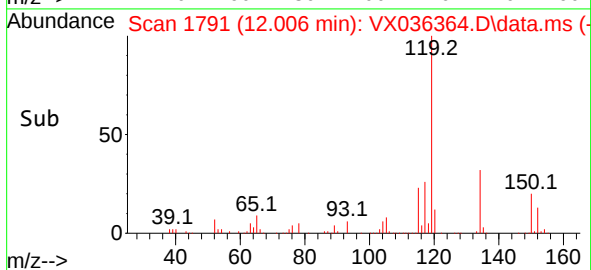
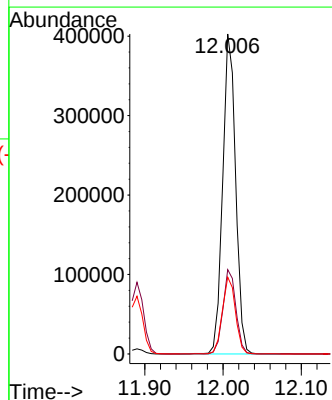
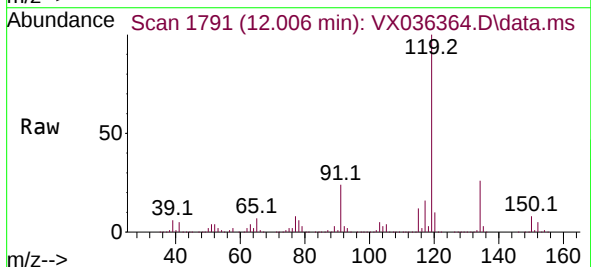
APPROVED

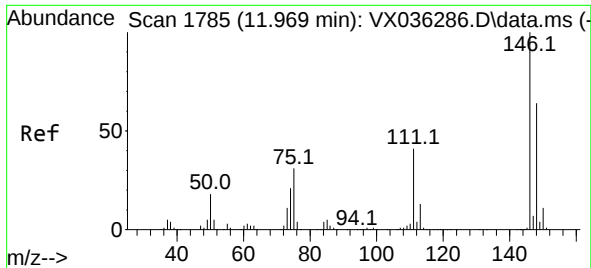
Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023



#86
 p-Isopropyltoluene
 Concen: 47.690 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036364.D
 Acq: 28 Jun 2023 16:56

Tgt Ion:119 Resp: 463799
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 24.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.150 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 26062

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

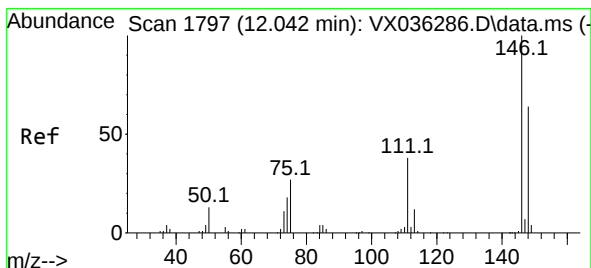
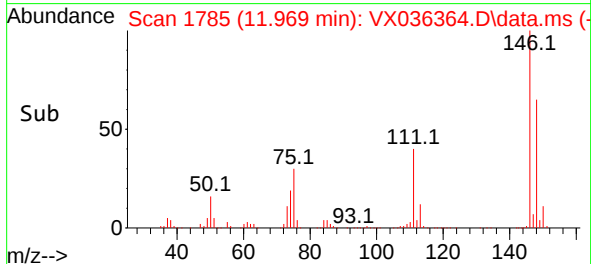
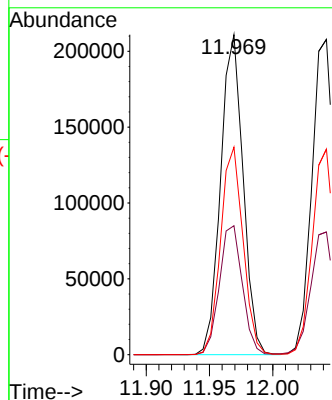
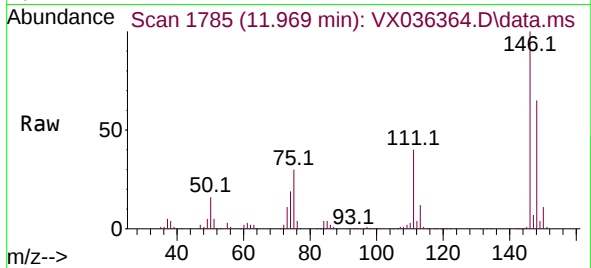
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#88

1,4-Dichlorobenzene

Concen: 50.841 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

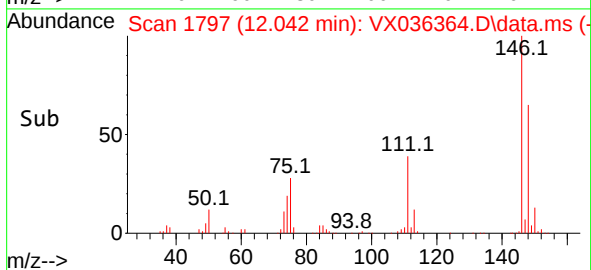
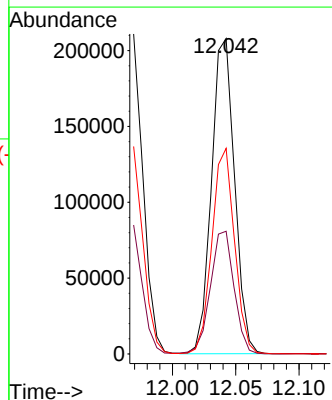
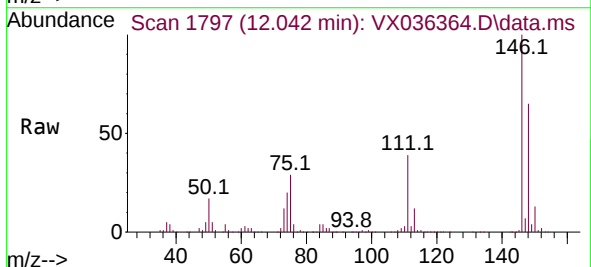
Tgt Ion:146 Resp: 263779

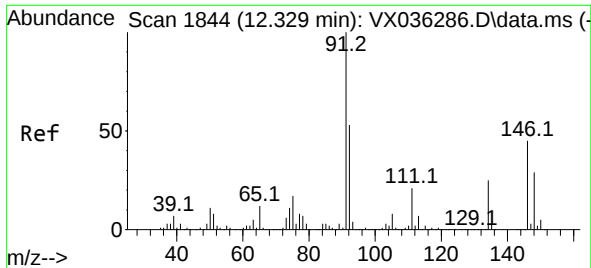
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

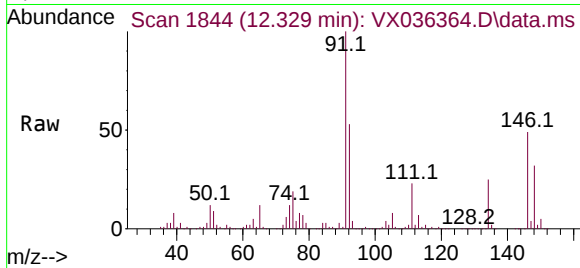
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 46.895 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

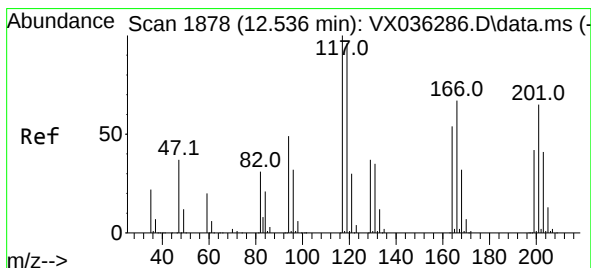
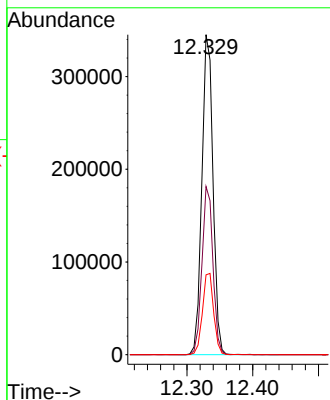
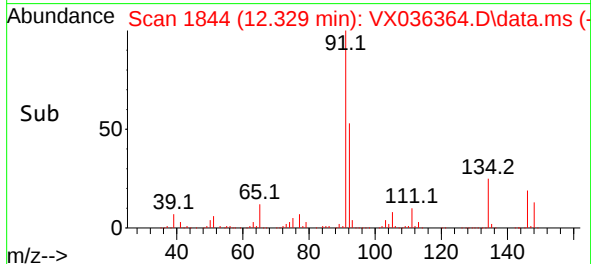
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 40588
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 25.6 12.6 37.8

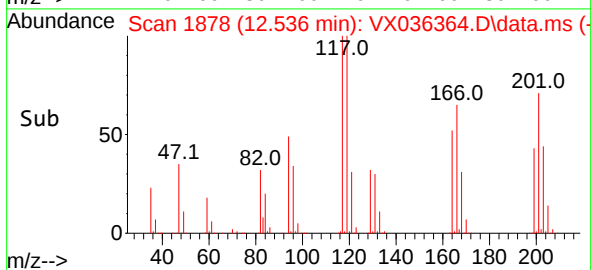
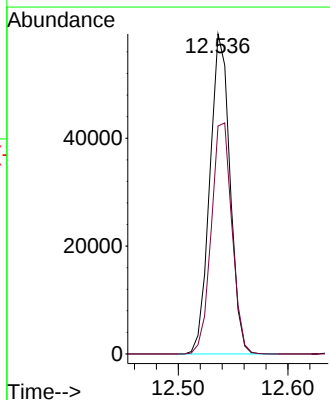
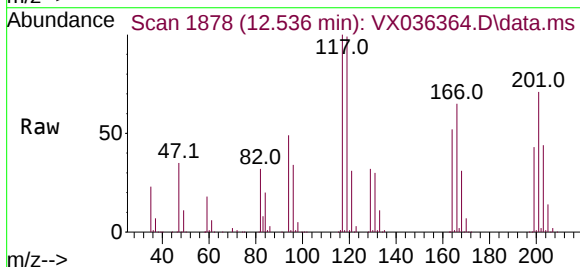
Manual Integrations
APPROVED

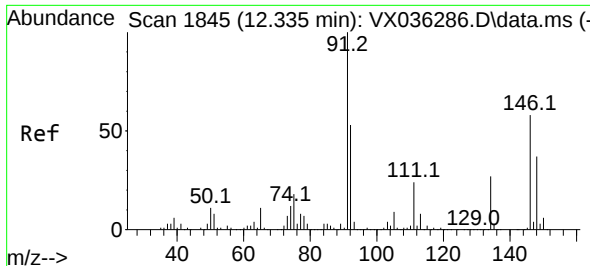
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#90
Hexachloroethane
Concen: 51.465 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion:117 Resp: 75807
Ion Ratio Lower Upper
117 100
201 74.1 32.9 98.6





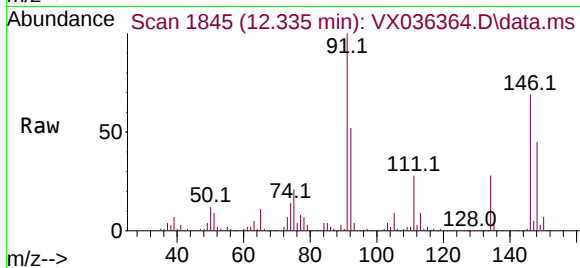
#91
1,2-Dichlorobenzene
Concen: 52.411 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



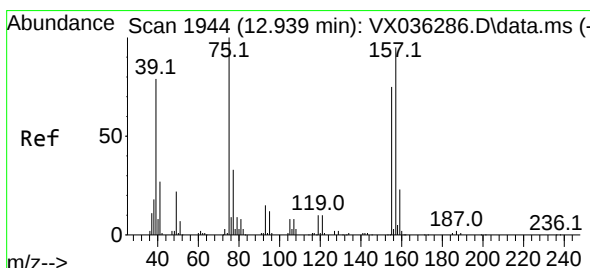
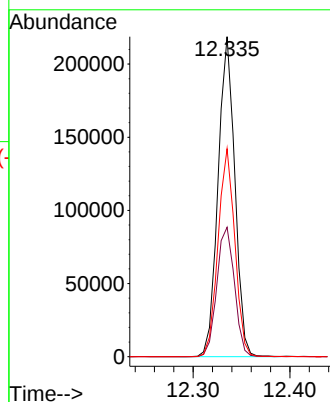
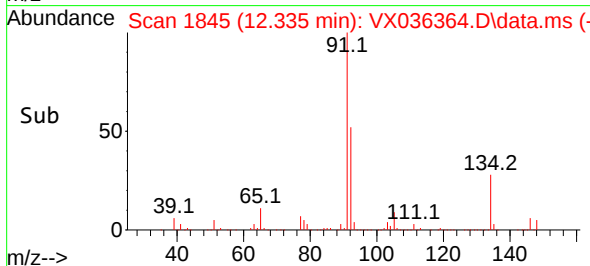
Tgt Ion:146 Resp: 262954
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 65.2 31.6 95.0

Manual Integrations

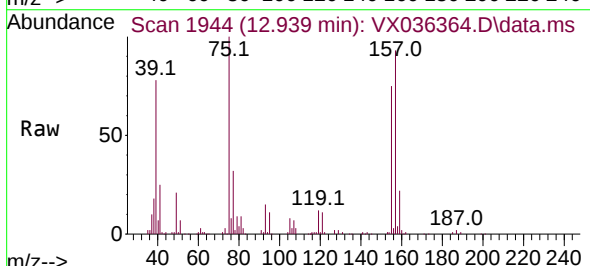
APPROVED

Reviewed By :John Carlone 06/29/2023

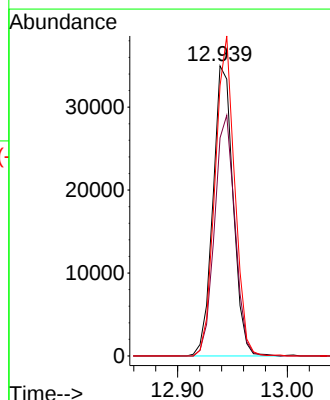
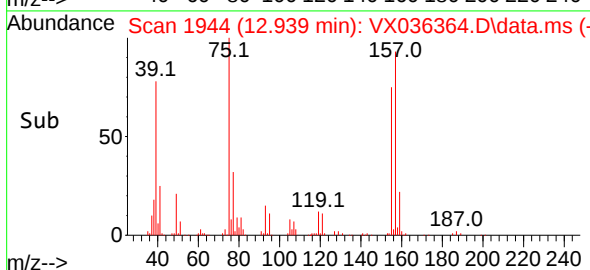
Supervised By :Mahesh Dadoda 06/29/2023

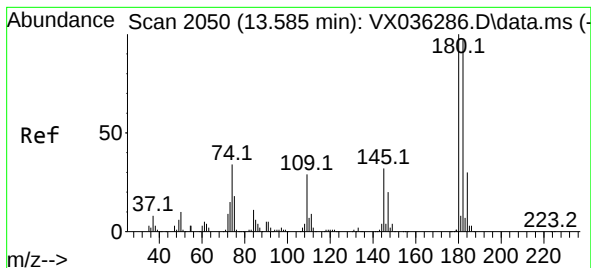


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.703 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56



Tgt Ion: 75 Resp: 44731
Ion Ratio Lower Upper
75 100
155 83.7 36.1 108.5
157 106.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.523 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

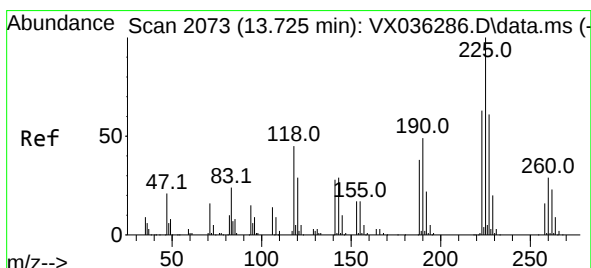
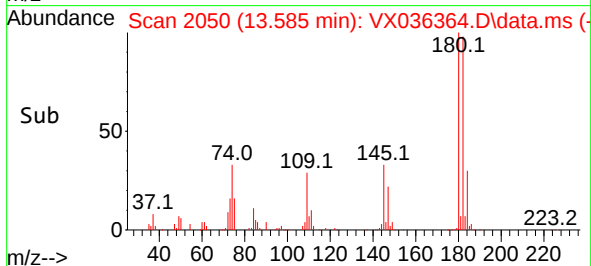
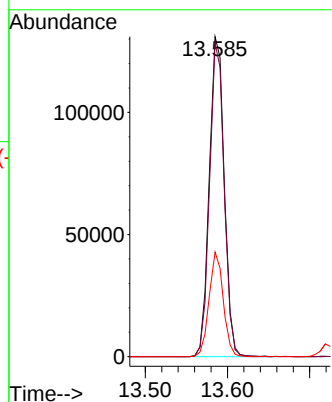
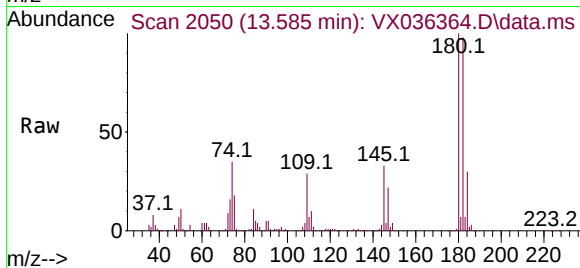
Tgt Ion:180	Resp: 16540
Ion Ratio	Lower Upper
180	100
182	95.5 48.3 144.8
145	31.0 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#94

Hexachlorobutadiene

Concen: 46.509 ug/l

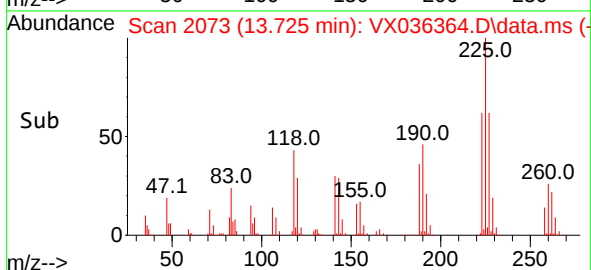
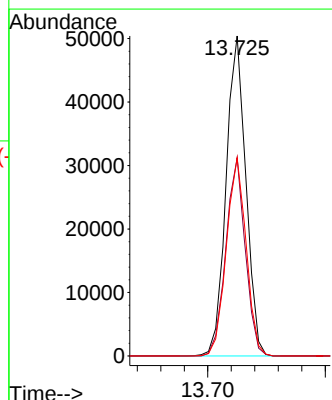
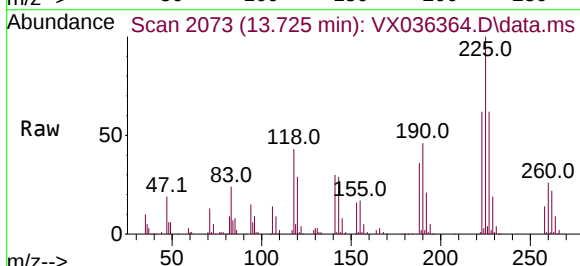
RT: 13.725 min Scan# 2073

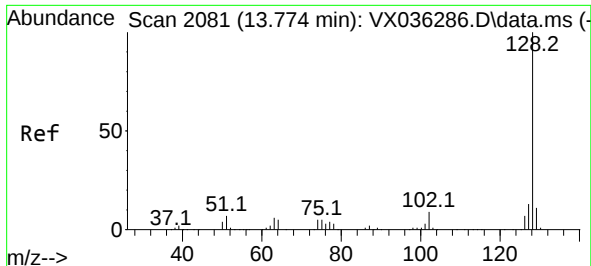
Delta R.T. 0.000 min

Lab File: VX036364.D

Acq: 28 Jun 2023 16:56

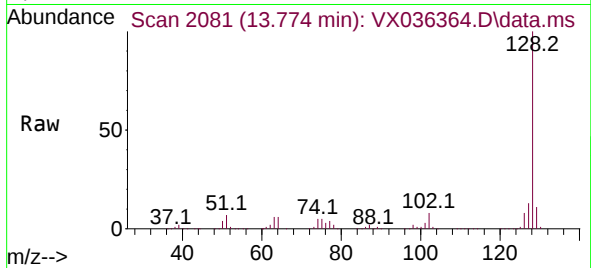
Tgt Ion:225	Resp: 58863
Ion Ratio	Lower Upper
225	100
223	60.8 31.1 93.2
227	62.1 32.5 97.5





#95
Naphthalene
Concen: 57.450 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

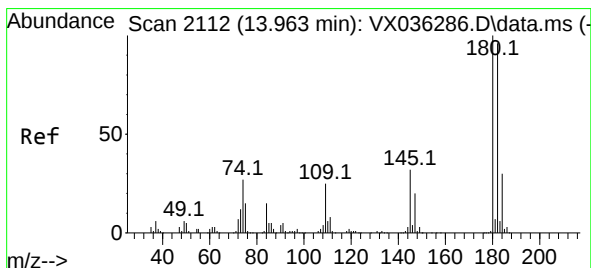
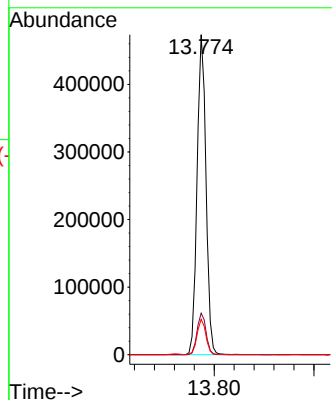
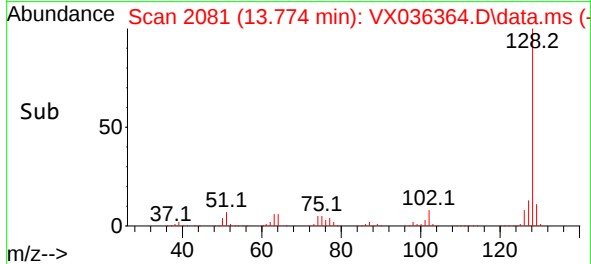
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 586519
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.424 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036364.D
Acq: 28 Jun 2023 16:56

Tgt Ion:180 Resp: 164058
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.6
145 32.9 17.8 53.5

