

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037989.D
 Acq On : 29 Sep 2023 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2023
 Supervised By : Mahesh Dadoda 10/02/2023

Quant Time: Sep 29 23:11:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	224333	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146606	49.741	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.480%		
35) Dibromofluoromethane	5.385	113	131702	53.565	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.120%		
50) Toluene-d8	8.647	98	472482	51.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.440%		
62) 4-Bromofluorobenzene	11.079	95	188369	56.742	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	92730	39.217	ug/l	99
3) Chloromethane	1.294	50	111241	43.239	ug/l	99
4) Vinyl Chloride	1.374	62	126735	45.662	ug/l	95
5) Bromomethane	1.599	94	97782	49.211	ug/l	98
6) Chloroethane	1.685	64	89903	47.018	ug/l	97
7) Trichlorofluoromethane	1.886	101	223492	50.086	ug/l	99
8) Diethyl Ether	2.136	74	84365	48.801	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	114714	50.657	ug/l	94
10) Methyl Iodide	2.453	142	152482	50.881	ug/l	91
11) Tert butyl alcohol	2.959	59	134710	212.929	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	111744	51.058	ug/l	84
13) Acrolein	2.233	56	103804	166.086	ug/l	99
14) Allyl chloride	2.666	41	172066	47.205	ug/l	# 95
15) Acrylonitrile	3.062	53	334932	238.112	ug/l	99
16) Acetone	2.380	43	265279	187.096	ug/l	# 89
17) Carbon Disulfide	2.514	76	271249	49.433	ug/l	99
18) Methyl Acetate	2.703	43	236896	46.315	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	399649	49.640	ug/l	98
20) Methylene Chloride	2.788	84	135667	51.755	ug/l	# 87
21) trans-1,2-Dichloroethene	3.093	96	130143	53.552	ug/l	88
22) Diisopropyl ether	3.764	45	377245	49.685	ug/l	# 84
23) Vinyl Acetate	3.721	43	1380948	247.269	ug/l	96
24) 1,1-Dichloroethane	3.611	63	225950	49.661	ug/l	98
25) 2-Butanone	4.556	43	435131	217.473	ug/l	91
26) 2,2-Dichloropropane	4.477	77	164586	44.769	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	154491	51.854	ug/l	87
28) Bromochloromethane	4.897	49	90193	42.492	ug/l	# 78
29) Tetrahydrofuran	5.001	42	282623	227.085	ug/l	# 87
30) Chloroform	5.099	83	250877	51.186	ug/l	97
31) Cyclohexane	5.471	56	191845	50.713	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	219668	52.931	ug/l	97
36) 1,1-Dichloropropene	5.696	75	178349	52.656	ug/l	95
37) Ethyl Acetate	4.715	43	176106	47.295	ug/l	96
38) Carbon Tetrachloride	5.678	117	191060	53.912	ug/l	98
39) Methylcyclohexane	7.385	83	226417	52.670	ug/l	90
40) Benzene	6.038	78	537501	51.605	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	91945	48.427	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	191518	50.874	ug/l	96
43) Isopropyl Acetate	6.342	43	286981	48.200	ug/l #	95
44) Trichloroethene	7.129	130	149012	51.373	ug/l	95
45) 1,2-Dichloropropane	7.428	63	137872	50.971	ug/l	99
46) Dibromomethane	7.586	93	103179	53.028	ug/l	90
47) Bromodichloromethane	7.824	83	190899	53.272	ug/l	96
48) Methyl methacrylate	7.696	41	139026	48.845	ug/l #	87
49) 1,4-Dioxane	7.659	88	69450	930.727	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	912287	241.500	ug/l	94
52) Toluene	8.720	92	360343	53.681	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	204448	54.564	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	221143	53.328	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	153253	54.150	ug/l	96
56) Ethyl methacrylate	9.116	69	220248	52.129	ug/l	89
57) 1,3-Dichloropropane	9.311	76	239626	52.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	393029	199.215	ug/l	97
59) 2-Hexanone	9.427	43	701902	238.642	ug/l	92
60) Dibromochloromethane	9.525	129	158296	56.146	ug/l	100
61) 1,2-Dibromoethane	9.610	107	164979	55.058	ug/l	100
64) Tetrachloroethene	9.275	164	131135	53.871	ug/l	98
65) Chlorobenzene	10.079	112	403071	52.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	148820	54.544	ug/l	100
67) Ethyl Benzene	10.195	91	712094	53.347	ug/l	98
68) m/p-Xylenes	10.299	106	557659	108.116	ug/l	96
69) o-Xylene	10.640	106	272436	52.672	ug/l	96
70) Styrene	10.659	104	463222	55.786	ug/l	95
71) Bromoform	10.799	173	117941	54.720	ug/l #	99
73) Isopropylbenzene	10.963	105	723211	47.394	ug/l	98
74) N-amyl acetate	10.842	43	277164	44.849	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	245408	45.728	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	214498m	44.587	ug/l	
77) Bromobenzene	11.201	156	182255	48.255	ug/l	87
78) n-propylbenzene	11.305	91	859005	49.845	ug/l	98
79) 2-Chlorotoluene	11.366	91	499523	47.010	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	625627	48.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64977	43.267	ug/l	89
82) 4-Chlorotoluene	11.451	91	589184	49.251	ug/l	94
83) tert-Butylbenzene	11.713	119	621984	47.756	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	626781	48.884	ug/l	97
85) sec-Butylbenzene	11.890	105	796479	50.407	ug/l	98
86) p-Isopropyltoluene	12.012	119	674737	51.254	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	359955	51.126	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	368857	51.198	ug/l	97
89) n-Butylbenzene	12.335	91	627264	54.390	ug/l	97
90) Hexachloroethane	12.536	117	110980	49.755	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	358088	49.816	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50043	46.779	ug/l	74
93) 1,2,4-Trichlorobenzene	13.585	180	242767	57.334	ug/l	96
94) Hexachlorobutadiene	13.725	225	105832	53.522	ug/l	99
95) Naphthalene	13.774	128	748205	52.248	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	238016	54.623	ug/l	98

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

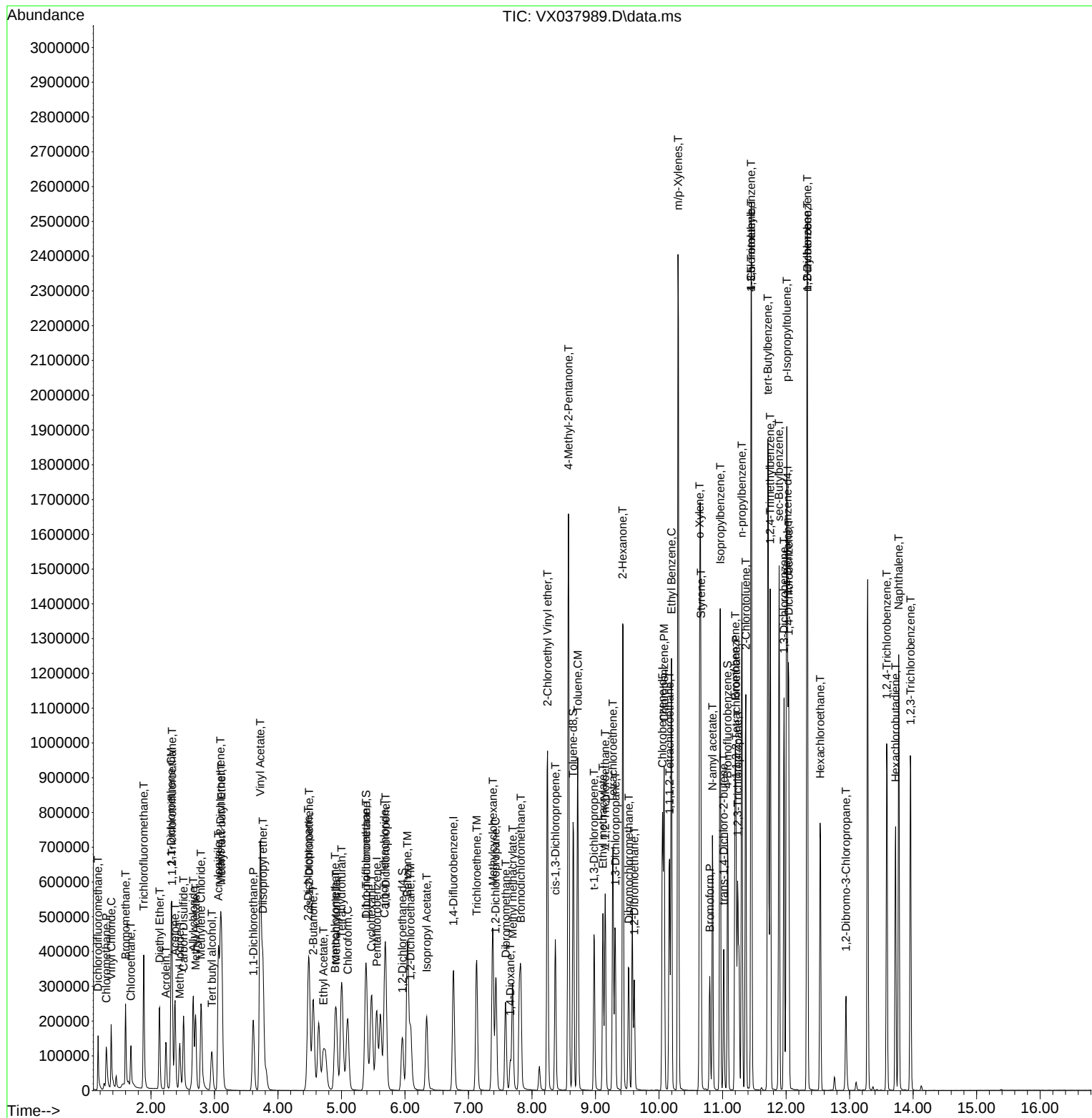
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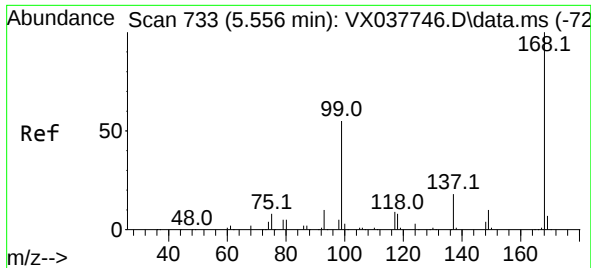
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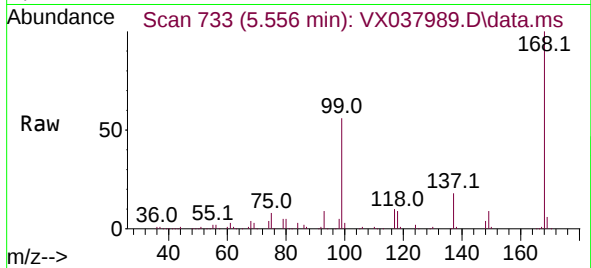
Reviewed By :John Carlone 09/30/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.006 min
Lab File: VX037989.D
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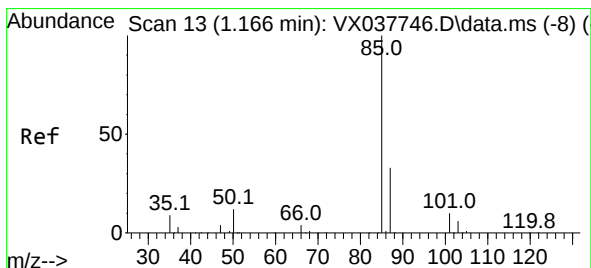
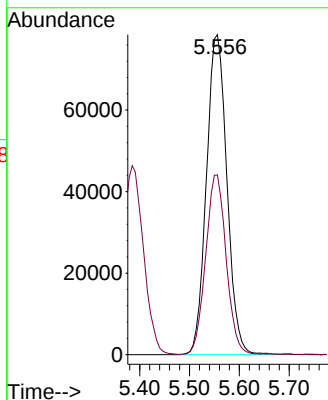
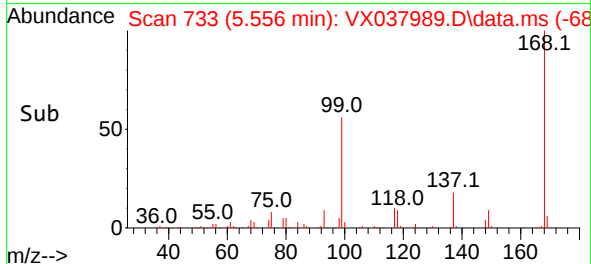
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 22433
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0

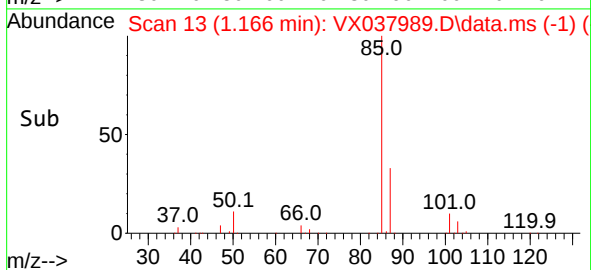
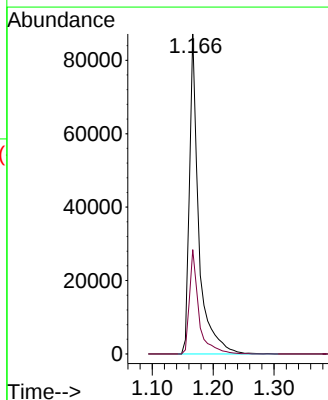
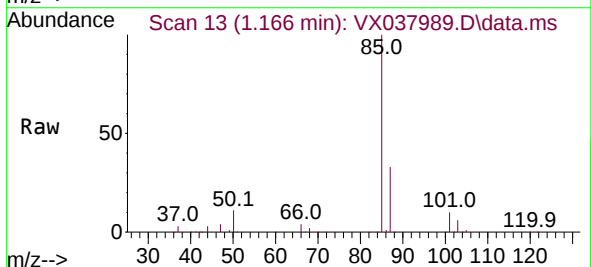
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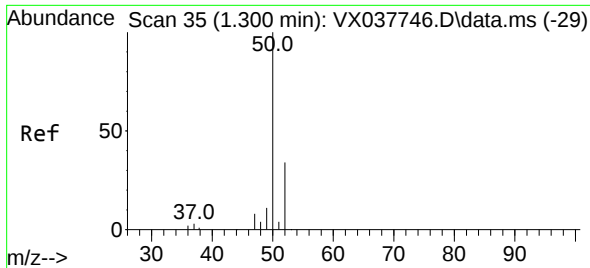
Reviewed By :John Carbone 09/30/2023
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#2
Dichlorodifluoromethane
Concen: 39.217 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

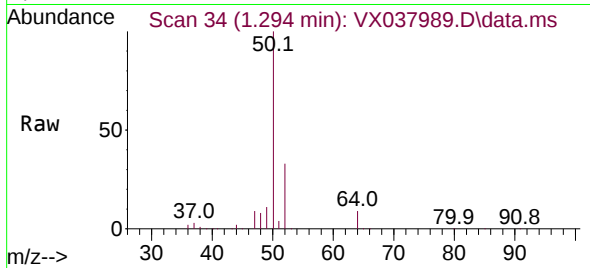
Tgt Ion: 85 Resp: 92730
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 43.239 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

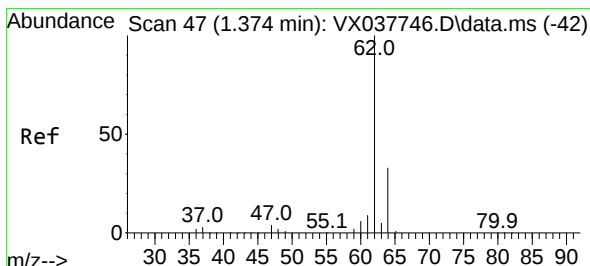
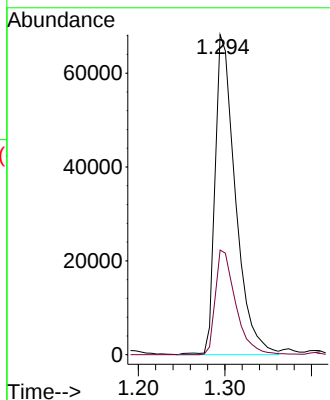
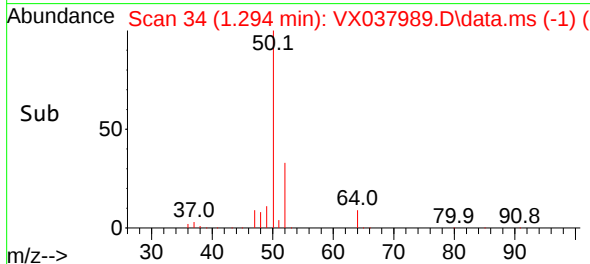
Instrument :
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Tgt Ion: 50 Resp: 11124
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

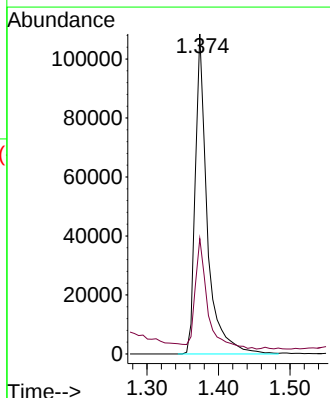
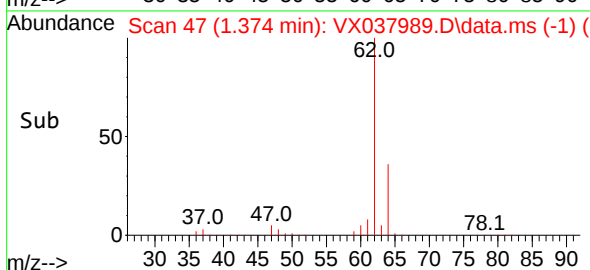
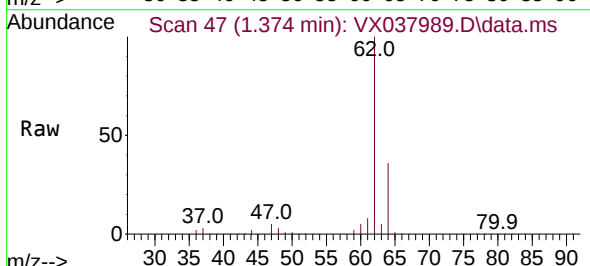
Manual Integrations
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#4
Vinyl Chloride
Concen: 45.662 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

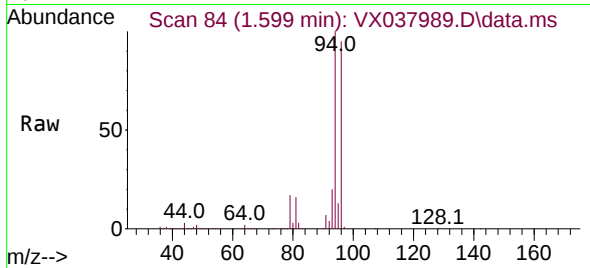
Tgt Ion: 62 Resp: 126735
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.0





#5
Bromomethane
Concen: 49.211 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

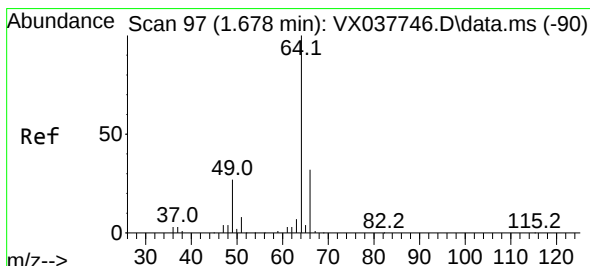
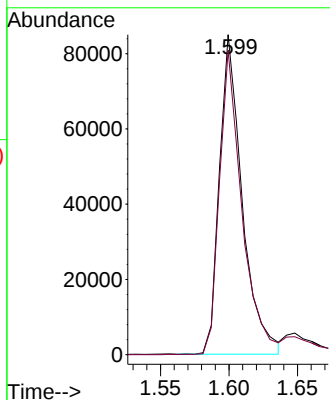
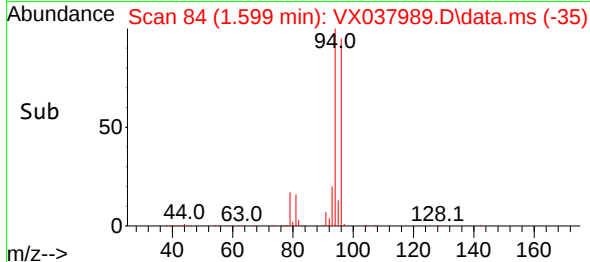
Instrument :
MSVOA_X
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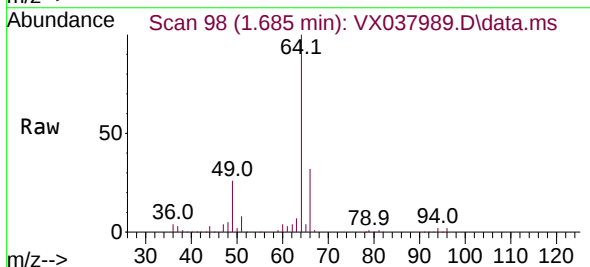
Tgt Ion: 94 Resp: 9778
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

Manual Integrations
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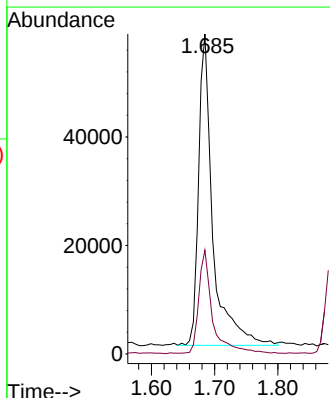
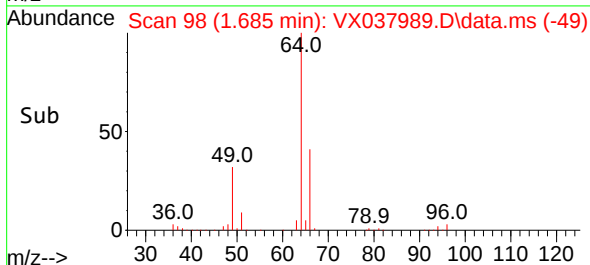
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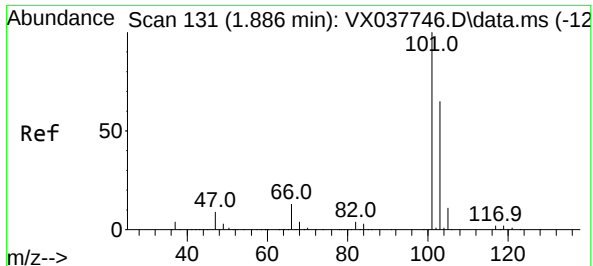


#6
Chloroethane
Concen: 47.018 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion: 64 Resp: 89903
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





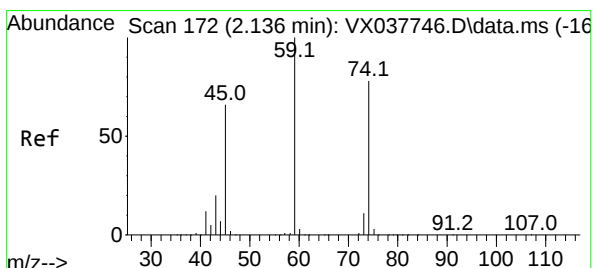
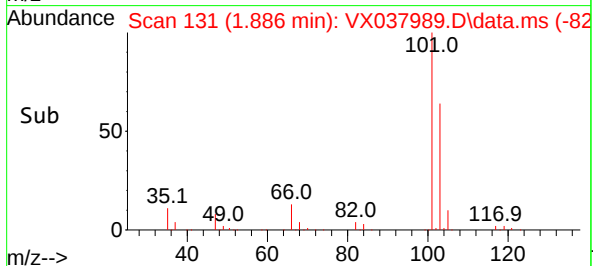
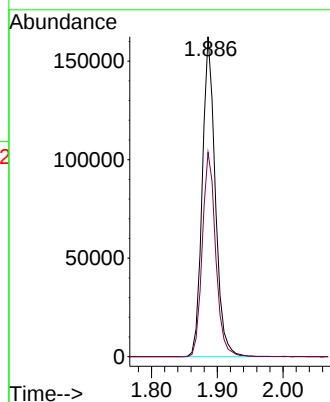
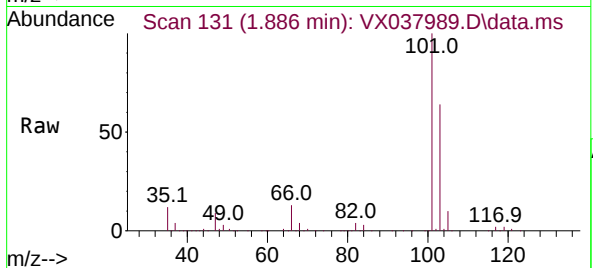
#7
Trichlorofluoromethane
Concen: 50.086 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 223492
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

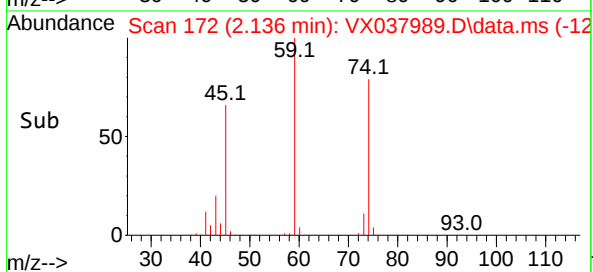
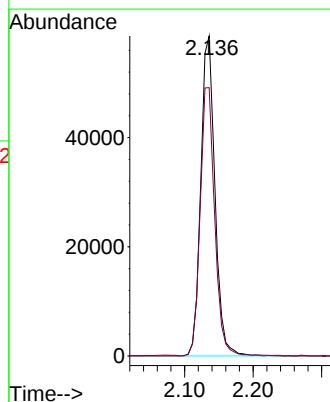
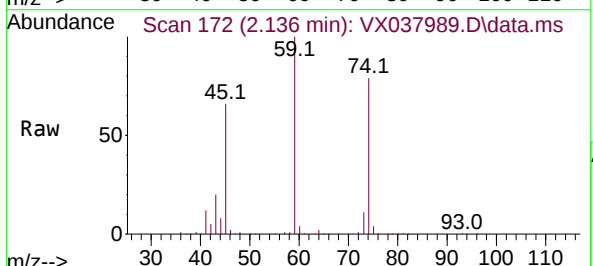
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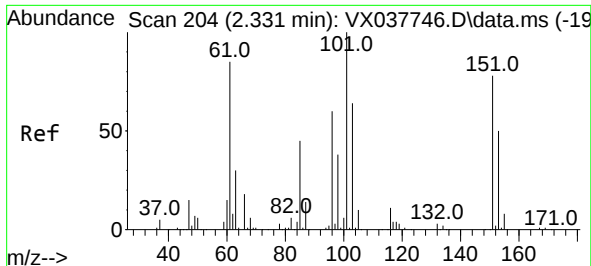
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#8
Diethyl Ether
Concen: 48.801 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX037989.D
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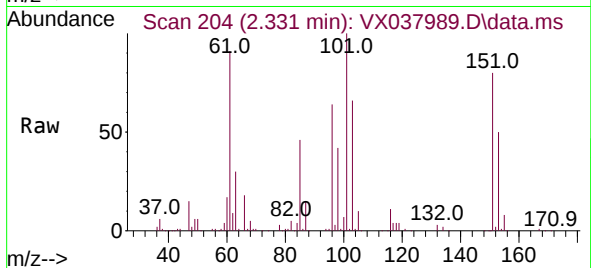
Tgt Ion: 74 Resp: 84365
Ion Ratio Lower Upper
74 100
45 86.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.657 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

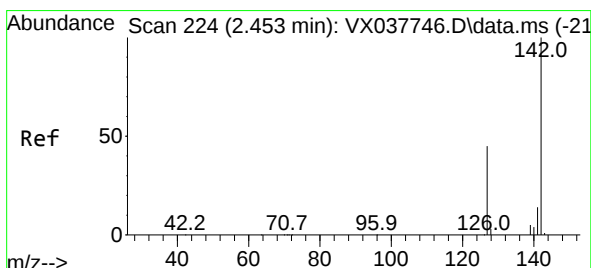
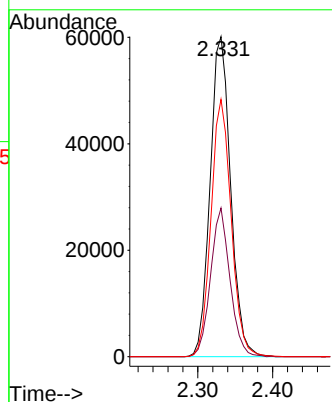
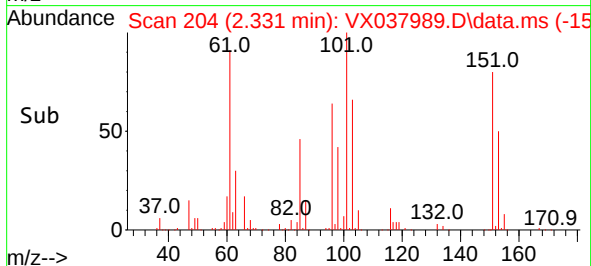
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



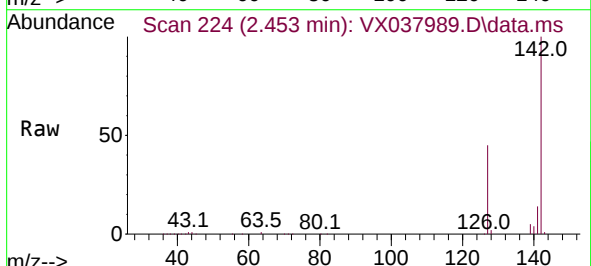
Tgt Ion:101 Resp: 114714
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 79.1 58.6 87.8

Manual Integrations
APPROVED

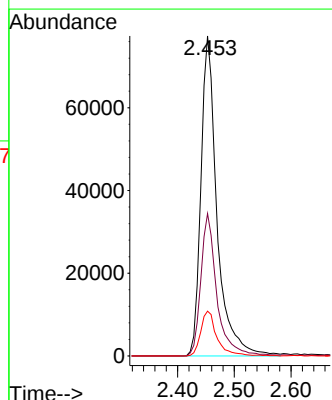
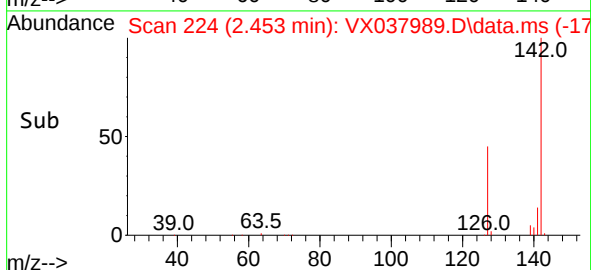
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

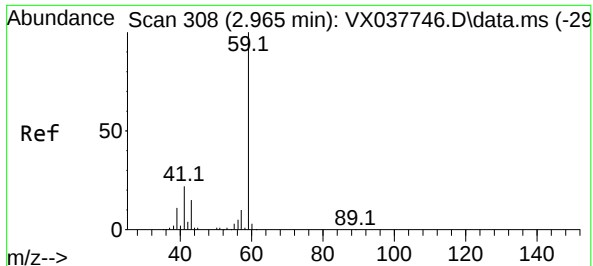


#10
Methyl Iodide
Concen: 50.881 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



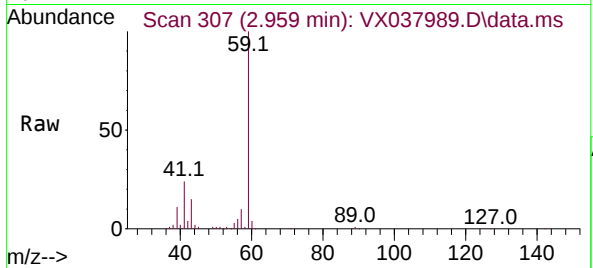
Tgt Ion:142 Resp: 152482
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 212.929 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

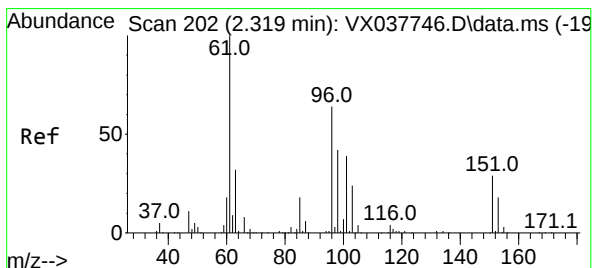
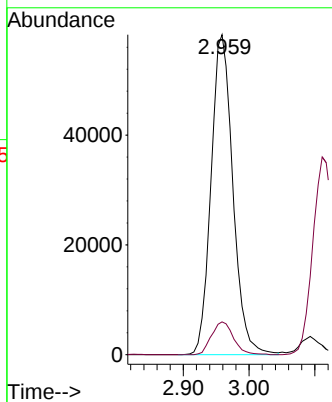
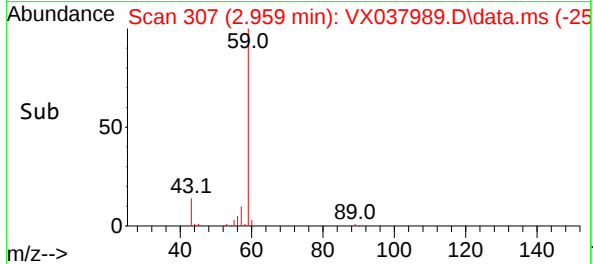
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 134710
Ion Ratio Lower Upper
59 100
57 10.3 6.0 9.0

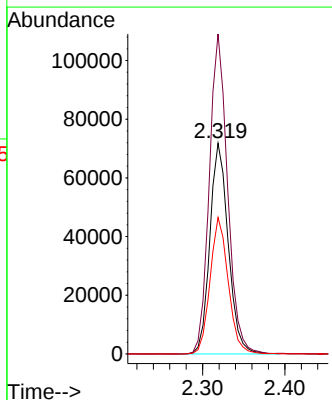
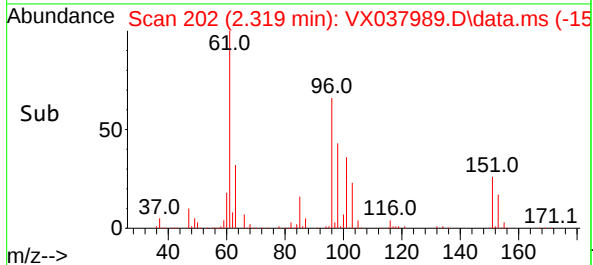
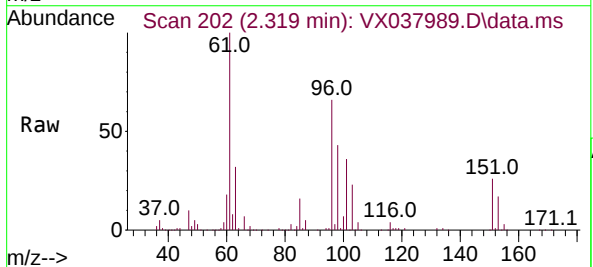
Manual Integrations
APPROVED

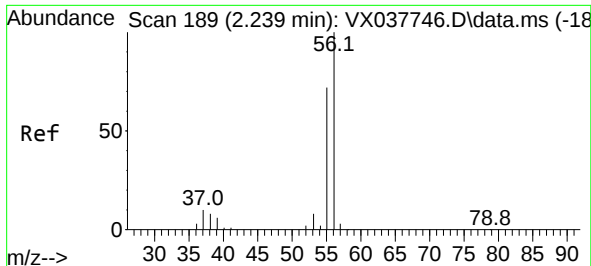
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#12
1,1-Dichloroethene
Concen: 51.058 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

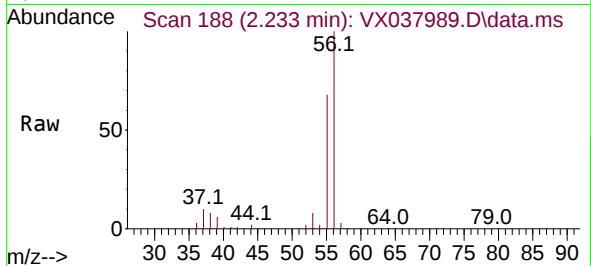
Tgt Ion: 96 Resp: 111744
Ion Ratio Lower Upper
96 100
61 151.8 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 166.086 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

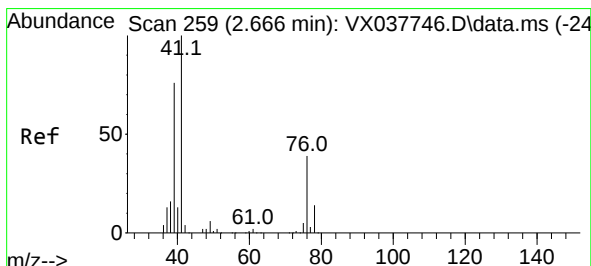
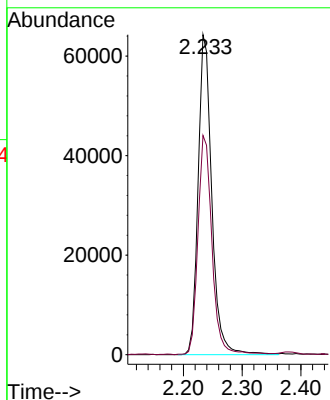
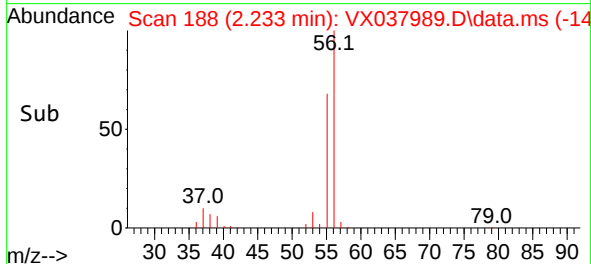
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 103804
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

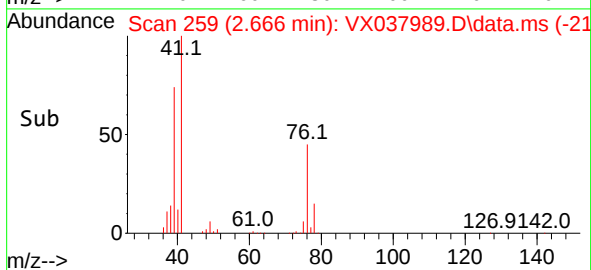
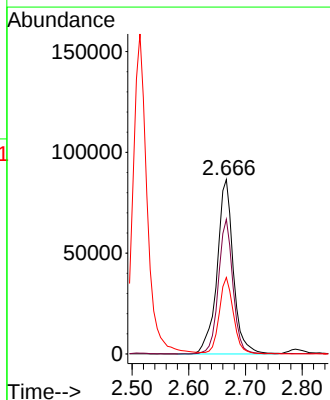
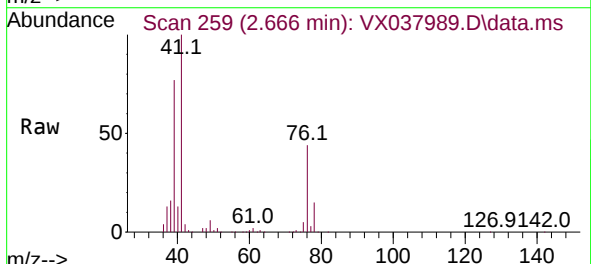
Manual Integrations
APPROVED

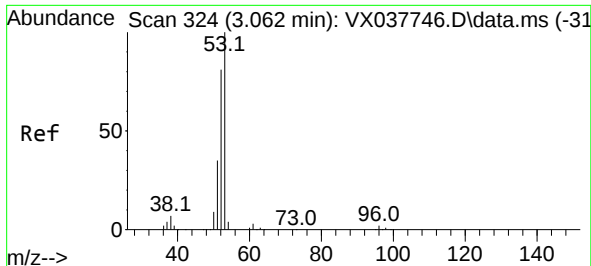
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#14
Allyl chloride
Concen: 47.205 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

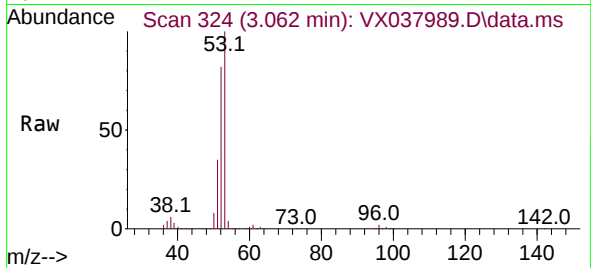
Tgt Ion: 41 Resp: 172066
Ion Ratio Lower Upper
41 100
39 68.9 55.8 83.6
76 37.9 24.3 36.5





#15
Acrylonitrile
Concen: 238.112 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

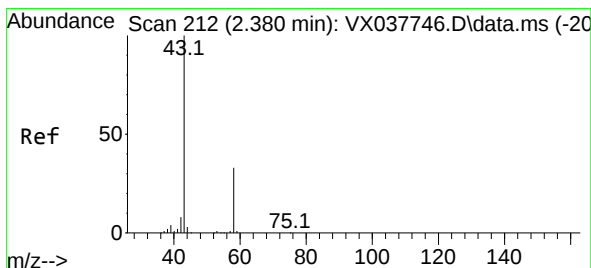
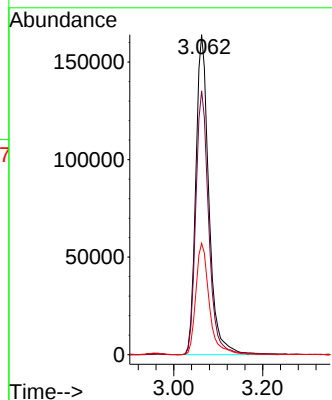
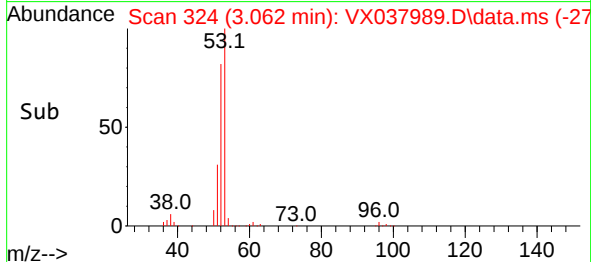
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 334932
Ion Ratio Lower Upper
53 100
52 81.9 66.0 99.0
51 35.9 29.8 44.6

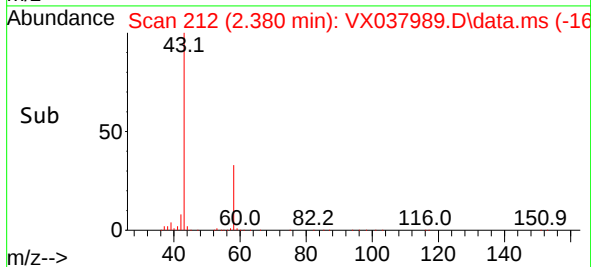
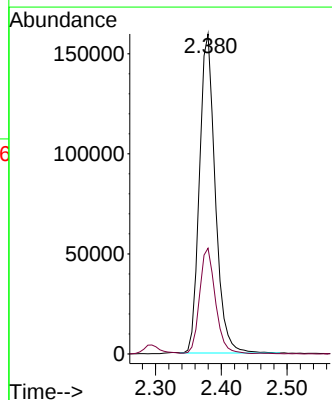
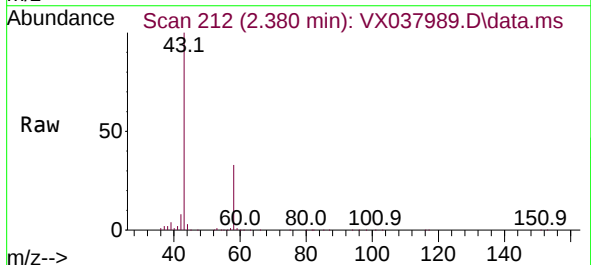
Manual Integrations
APPROVED

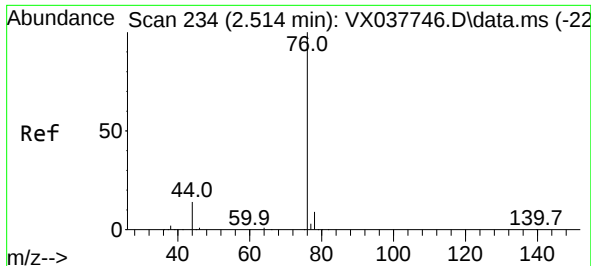
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#16
Acetone
Concen: 187.096 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion: 43 Resp: 265279
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 49.433 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 271249

Ion Ratio Lower Upper

76 100

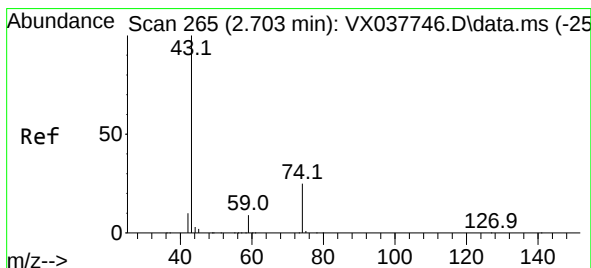
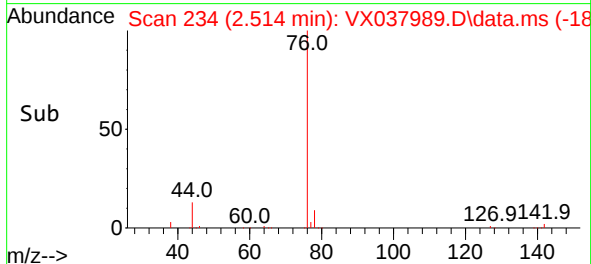
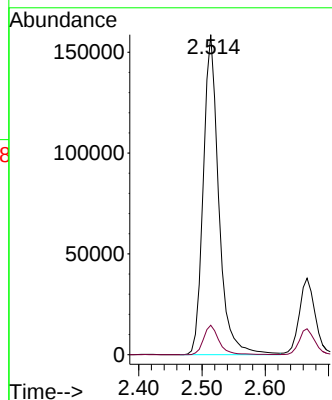
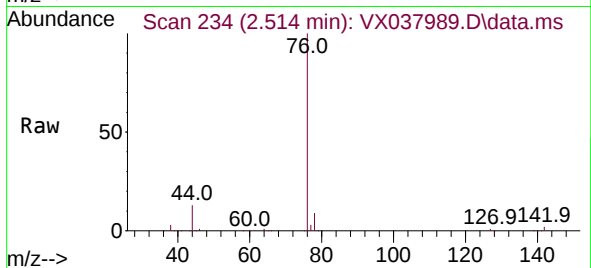
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#18

Methyl Acetate

Concen: 46.315 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037989.D

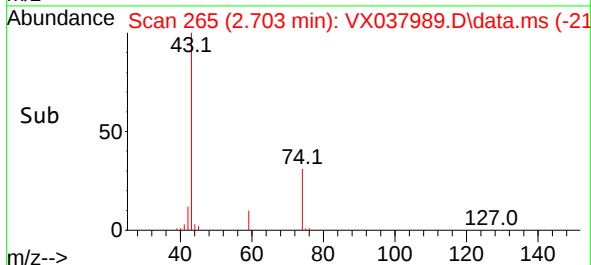
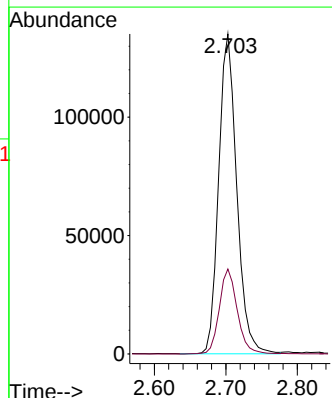
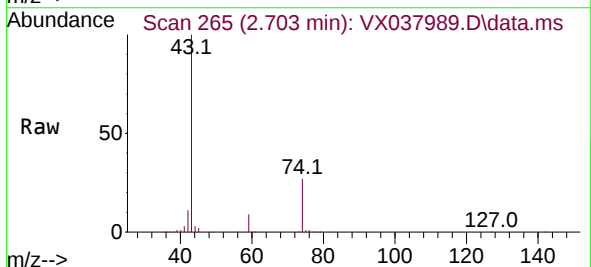
Acq: 29 Sep 2023 20:24

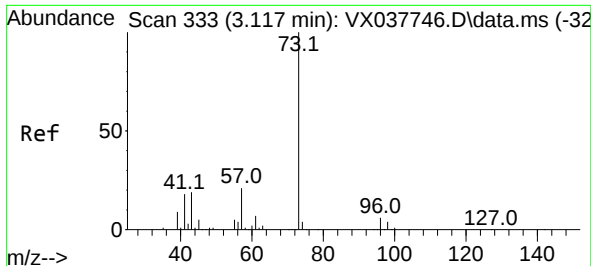
Tgt Ion: 43 Resp: 236896

Ion Ratio Lower Upper

43 100

74 26.6 17.8 26.8





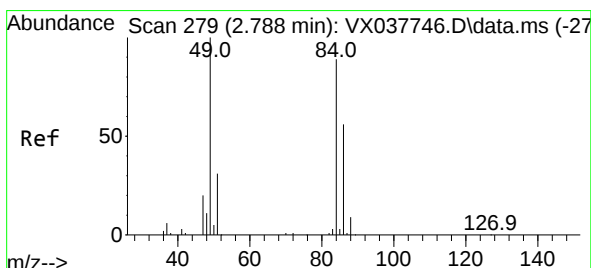
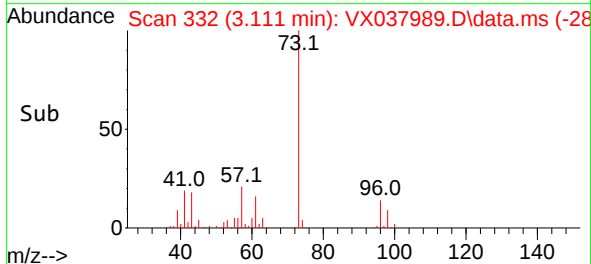
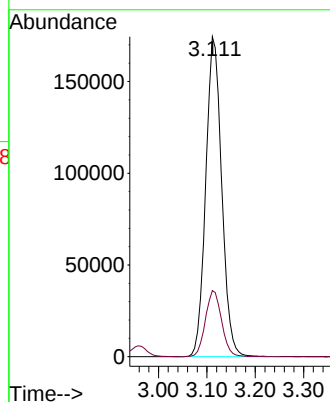
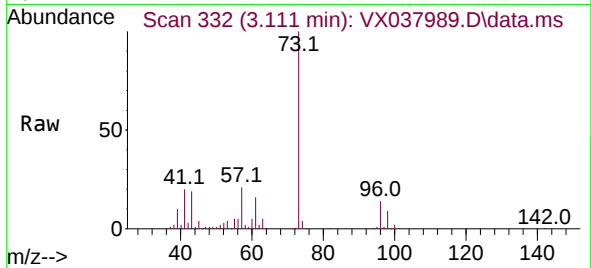
#19
Methyl tert-butyl Ether
Concen: 49.640 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 399649
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

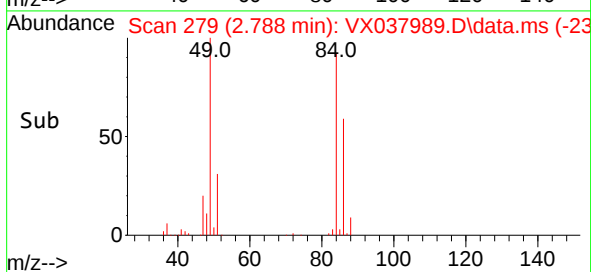
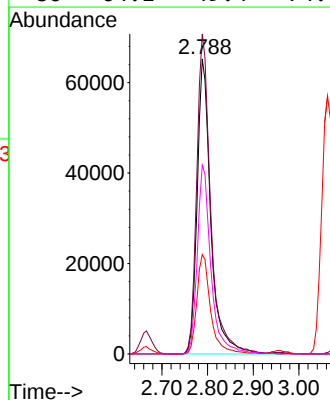
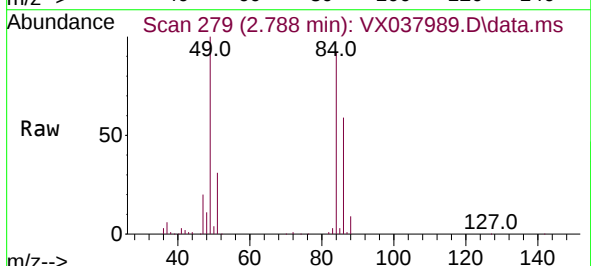
Manual Integrations
APPROVED

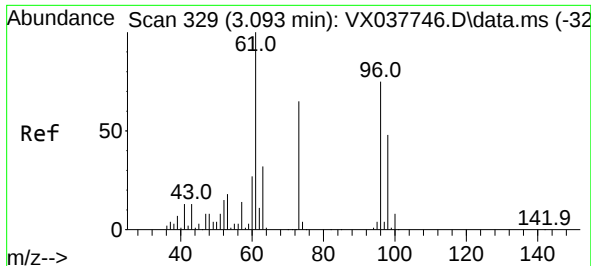
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#20
Methylene Chloride
Concen: 51.755 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

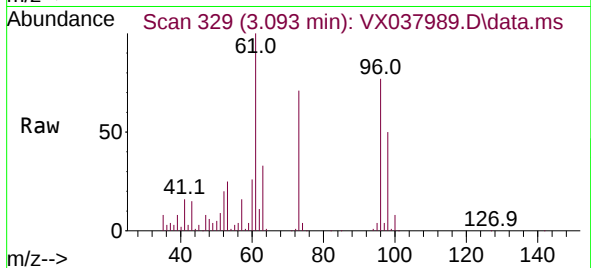
Tgt Ion: 84 Resp: 135667
Ion Ratio Lower Upper
84 100
49 108.5 103.6 155.4
51 33.7 33.8 50.6#
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.552 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

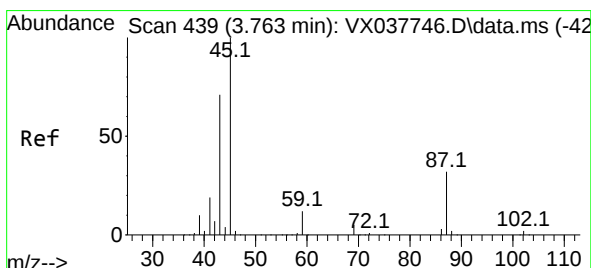
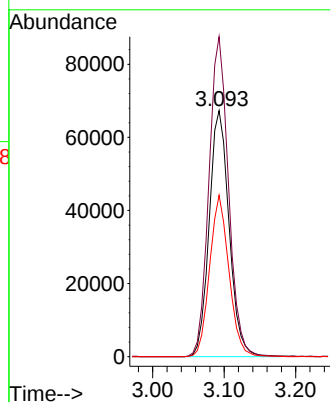
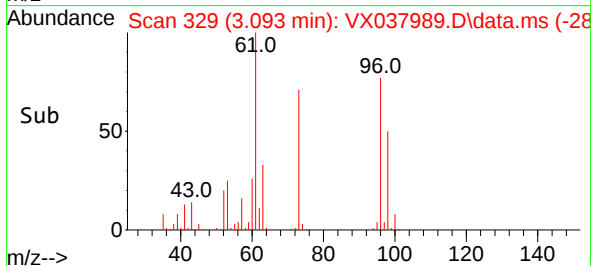
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



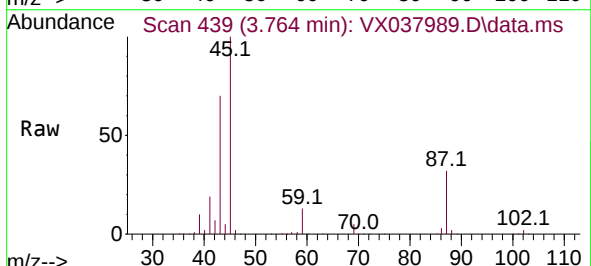
Tgt Ion: 96 Resp: 13014
Ion Ratio Lower Upper
96 100
61 130.0 119.2 178.8
98 65.6 48.7 73.1

Manual Integrations
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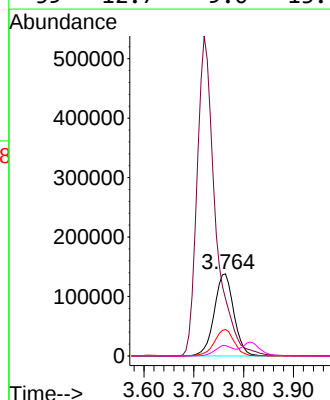
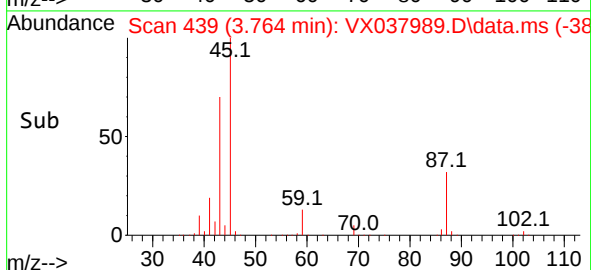
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

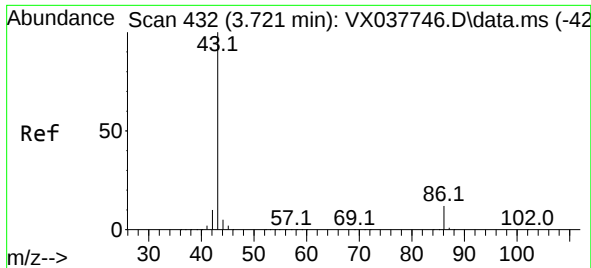


#22
Diisopropyl ether
Concen: 49.685 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion: 45 Resp: 377245
Ion Ratio Lower Upper
45 100
43 69.5 69.7 104.5#
87 32.2 20.8 31.2#
59 12.7 9.0 13.4





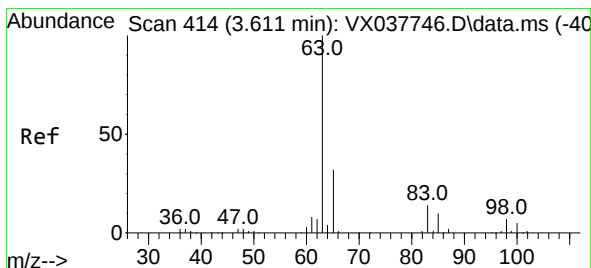
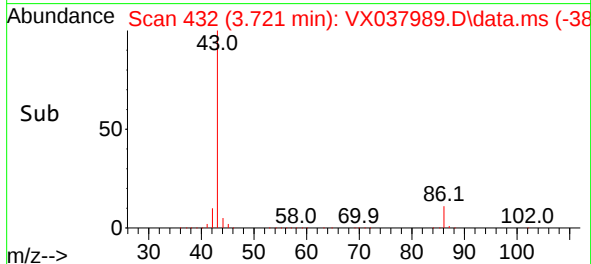
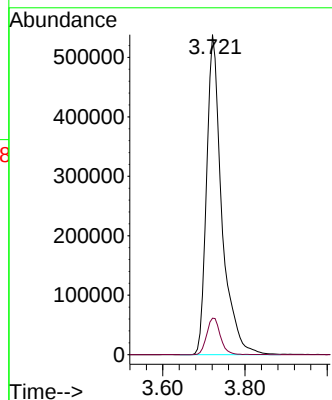
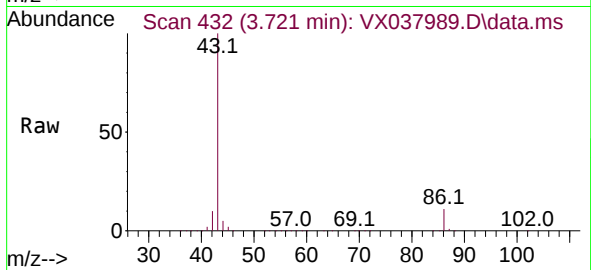
#23
 Vinyl Acetate
 Concen: 247.269 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX037989.D
 Acq: 29 Sep 2023 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 138094
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.8 11.8

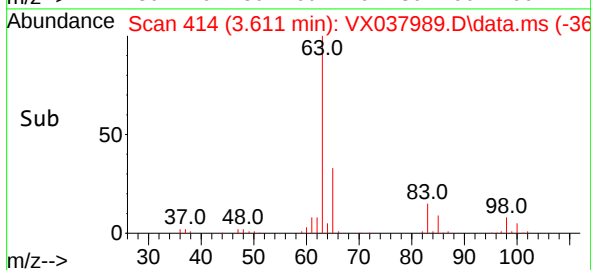
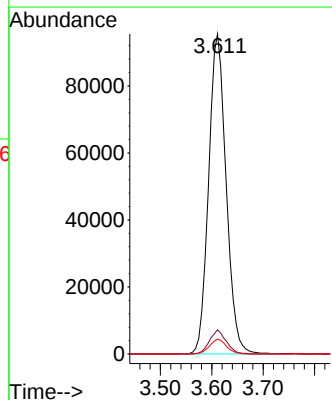
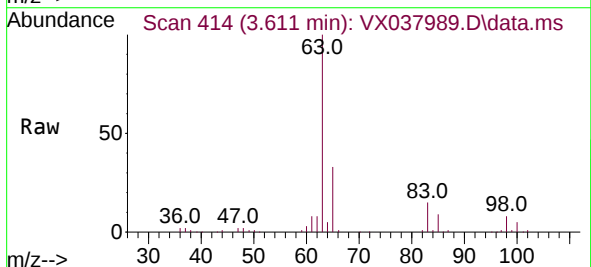
Manual Integrations
 APPROVED

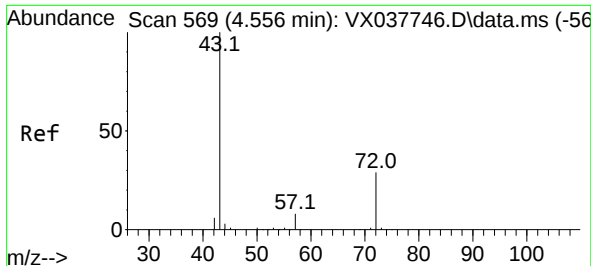
Reviewed By :John Carlone 09/30/2023
 Supervised By :Mahesh Dadoda 10/02/2023



#24
 1,1-Dichloroethane
 Concen: 49.661 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX037989.D
 Acq: 29 Sep 2023 20:24

Tgt Ion: 63 Resp: 225950
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 4.6 2.1 6.5





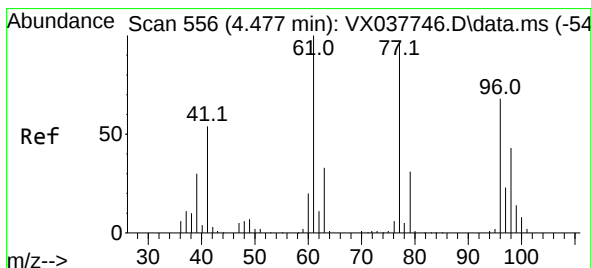
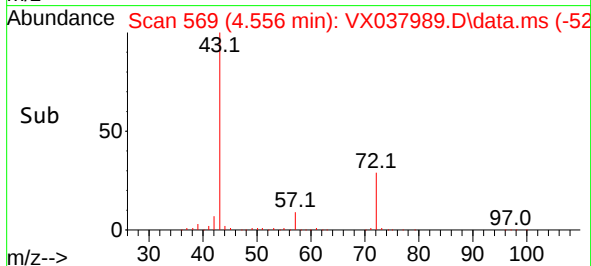
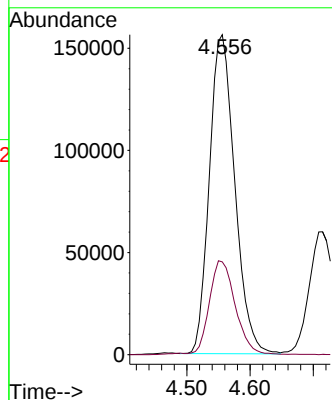
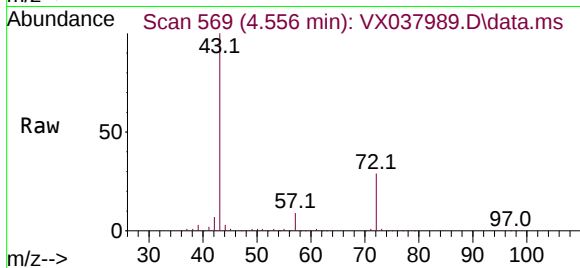
#25
2-Butanone
Concen: 217.473 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.012 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 43513
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

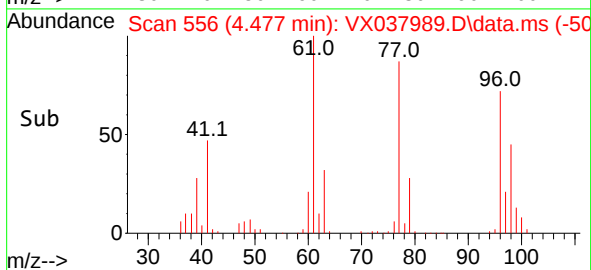
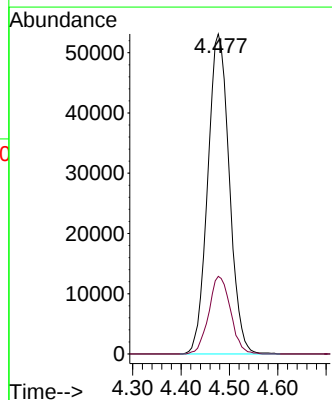
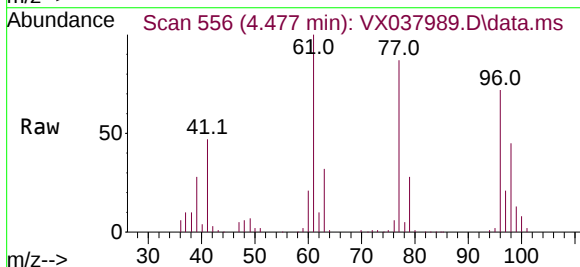
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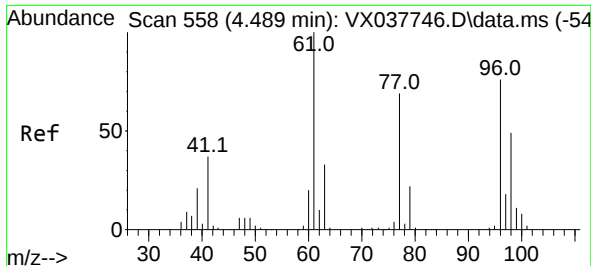
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#26
2,2-Dichloropropane
Concen: 44.769 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion: 77 Resp: 164586
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.854 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 15449

Ion Ratio Lower Upper

96 100

61 133.4 0.0 312.2

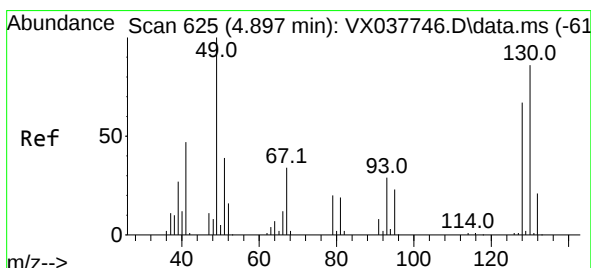
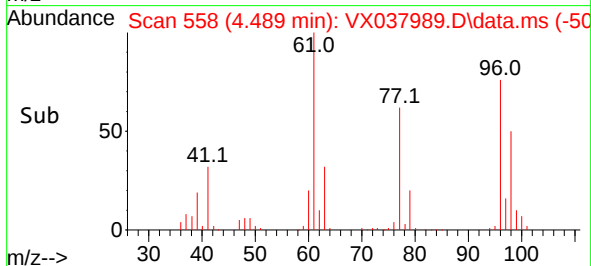
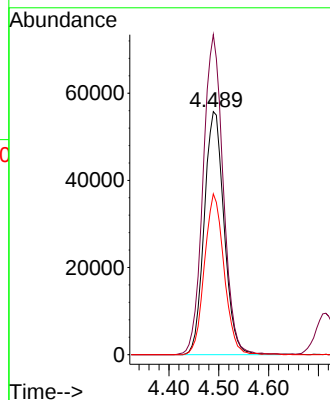
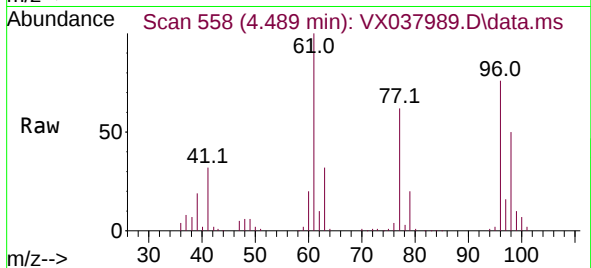
98 65.2 0.0 129.0

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Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#28

Bromochloromethane

Concen: 42.492 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

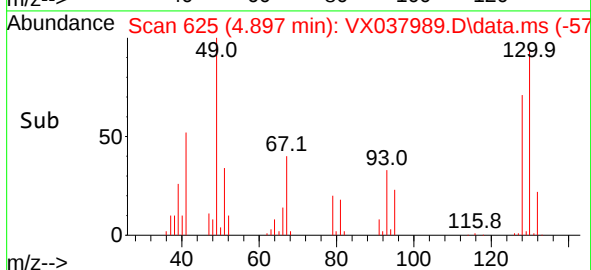
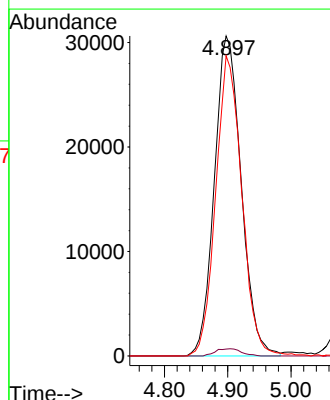
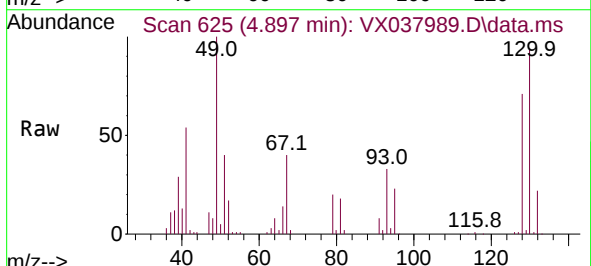
Tgt Ion: 49 Resp: 90193

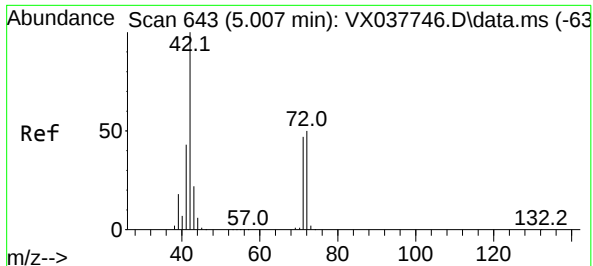
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 91.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 227.085 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 28262

Ion Ratio Lower Upper

42 100

72 51.7 34.2 51.4

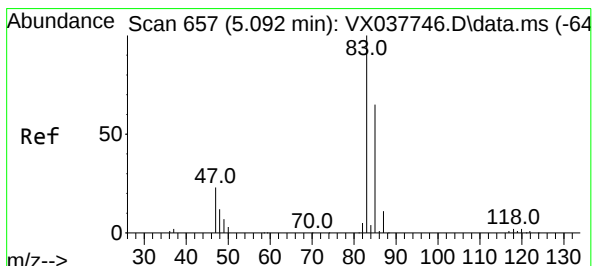
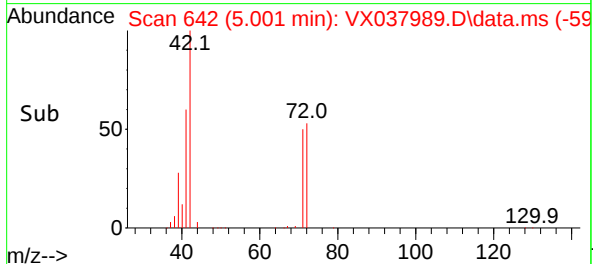
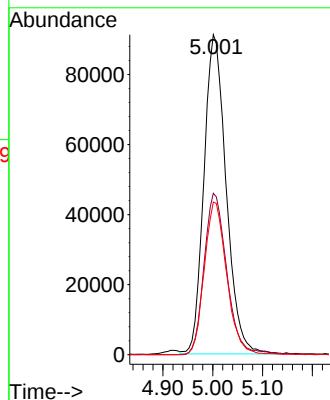
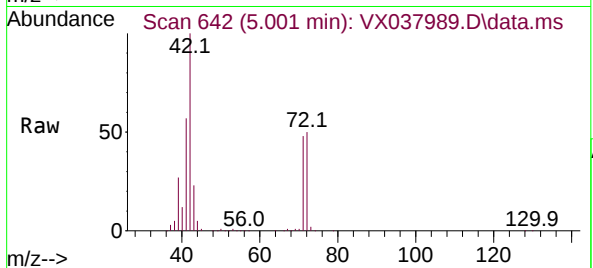
71 48.1 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#30

Chloroform

Concen: 51.186 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037989.D

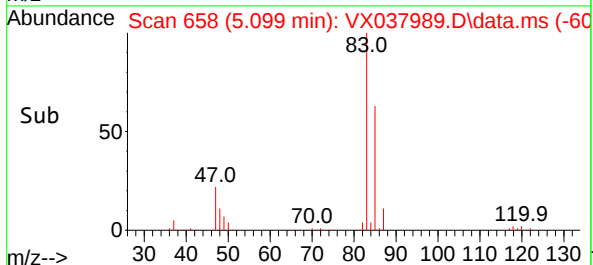
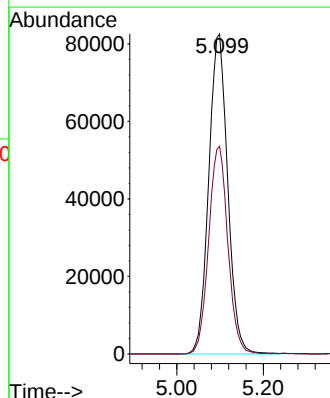
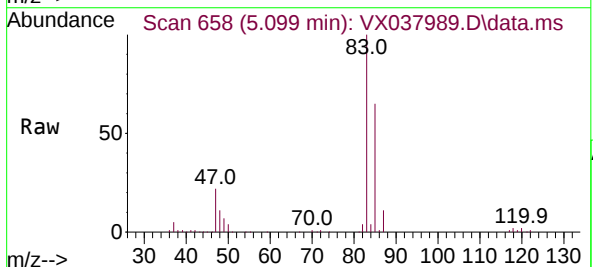
Acq: 29 Sep 2023 20:24

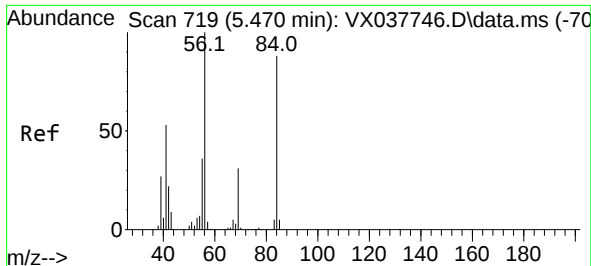
Tgt Ion: 83 Resp: 250877

Ion Ratio Lower Upper

83 100

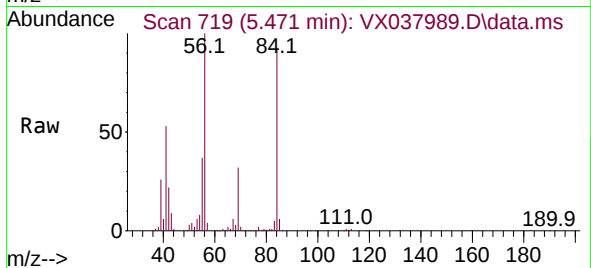
85 64.9 50.3 75.5





#31
Cyclohexane
Concen: 50.713 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

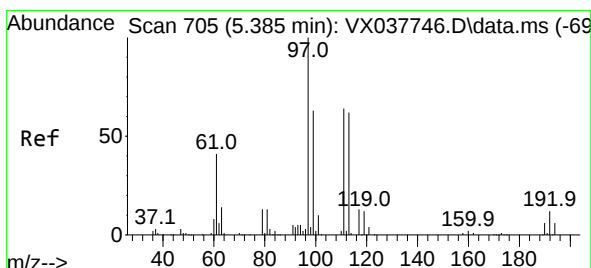
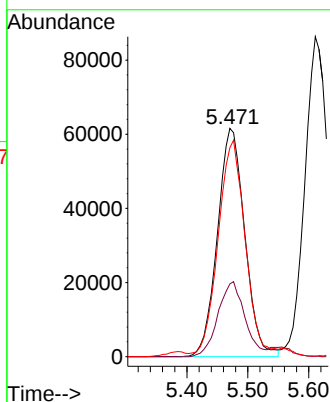
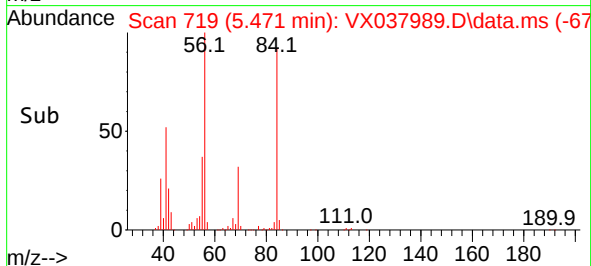
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



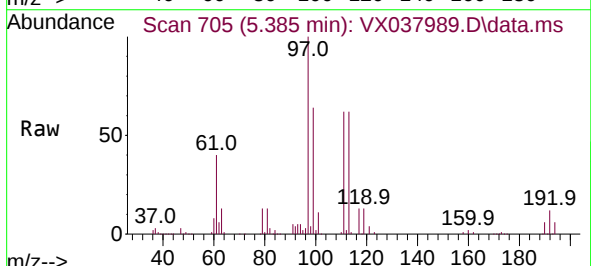
Tgt Ion: 56 Resp: 19184
Ion Ratio Lower Upper
56 100
69 31.9 23.4 35.2
84 89.2 65.9 98.9

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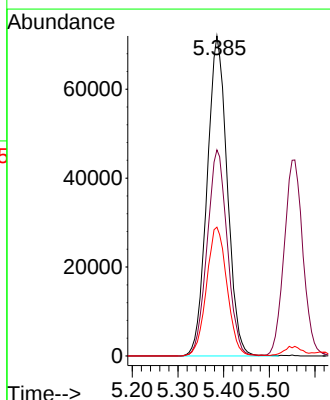
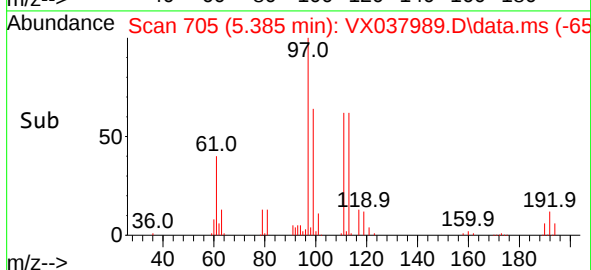
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

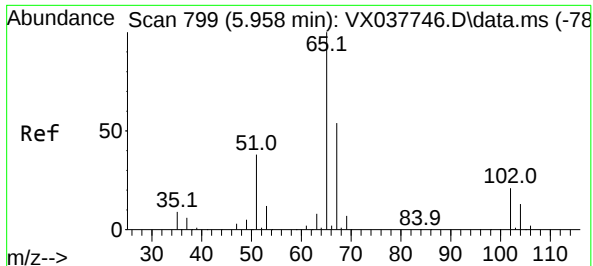


#32
1,1,1-Trichloroethane
Concen: 52.931 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion: 97 Resp: 219668
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 41.2 36.4 54.6





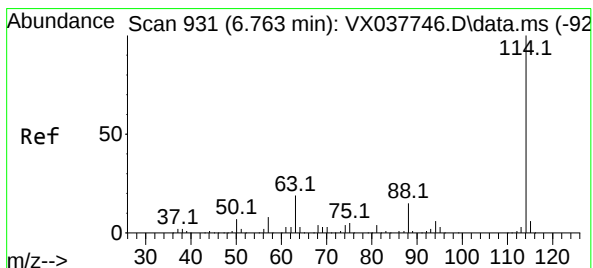
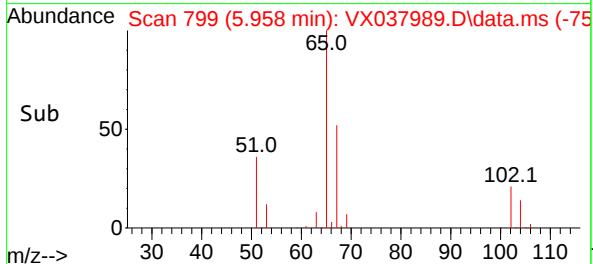
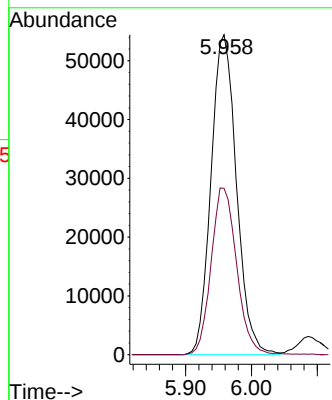
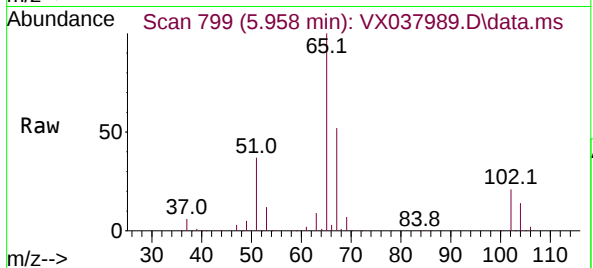
#33
1,2-Dichloroethane-d4
Concen: 49.741 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 146600
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

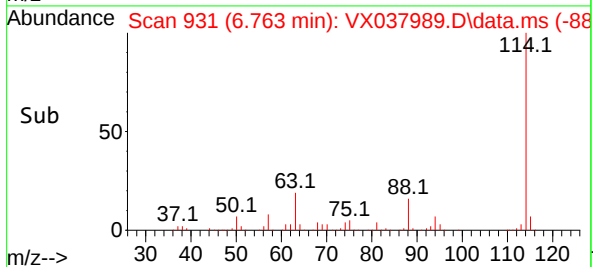
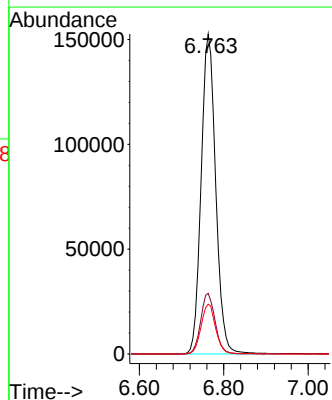
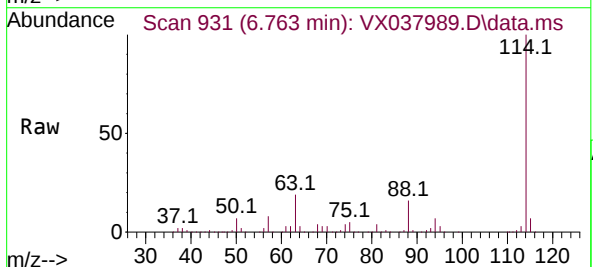
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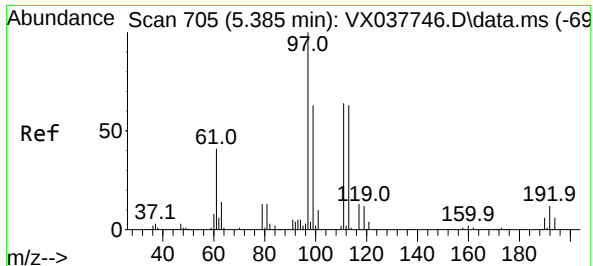
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion:114 Resp: 367468
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.565 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037989.D

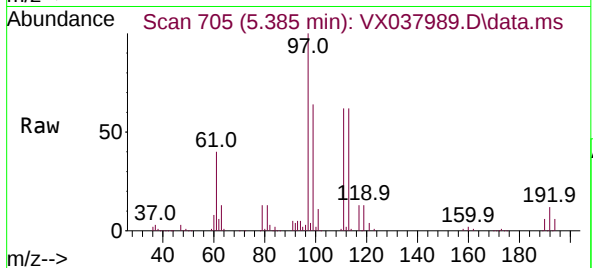
Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



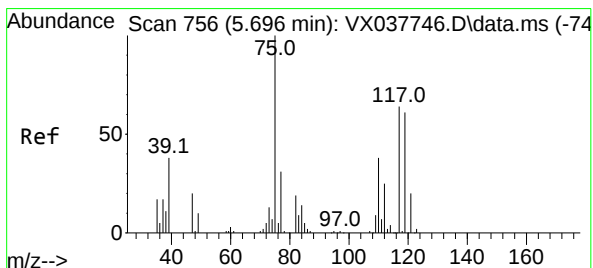
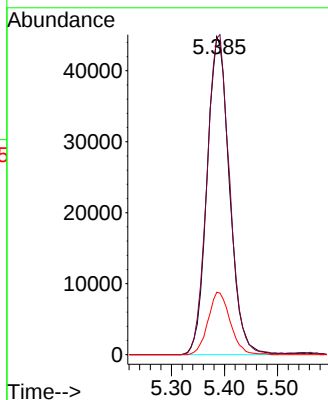
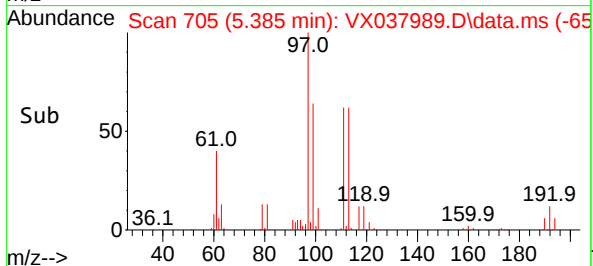
Tgt Ion:	113	Resp:	131702
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	19.4	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#36

1,1-Dichloropropene

Concen: 52.656 ug/l

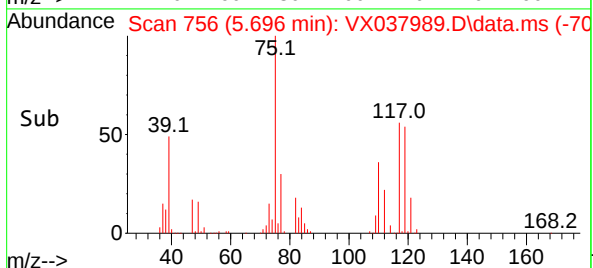
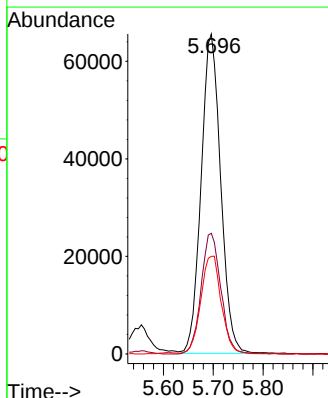
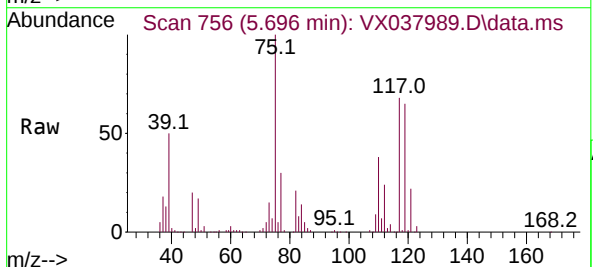
RT: 5.696 min Scan# 756

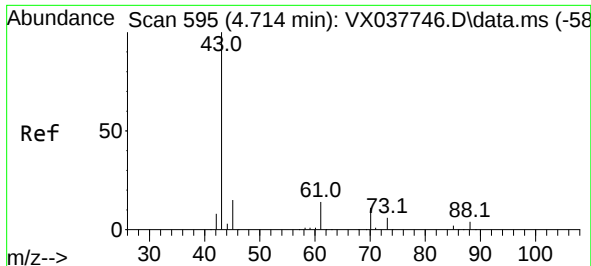
Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Tgt Ion:	75	Resp:	178349
Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.0	50.9
77	32.2	24.7	37.1





#37

Ethyl Acetate

Concen: 47.295 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 176100

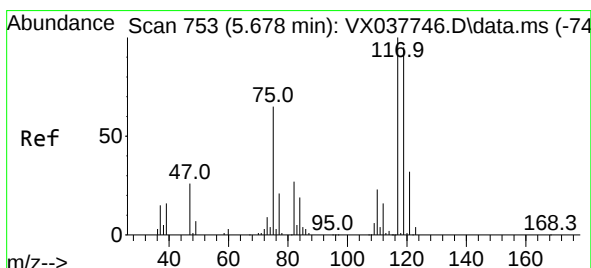
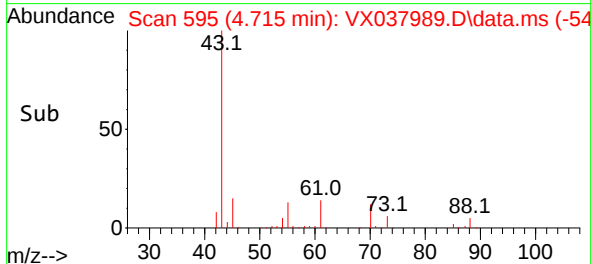
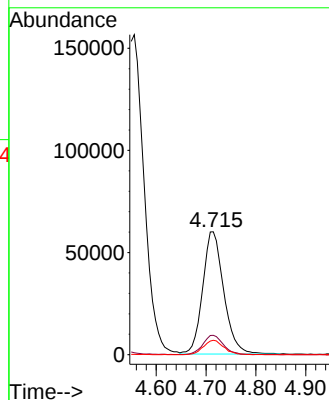
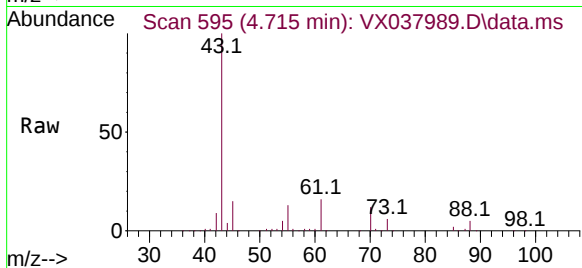
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	16.0
70	11.4	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#38

Carbon Tetrachloride

Concen: 53.912 ug/l

RT: 5.678 min Scan# 753

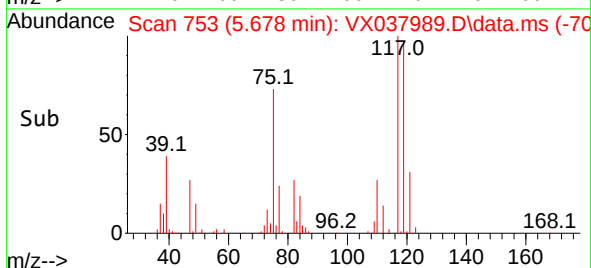
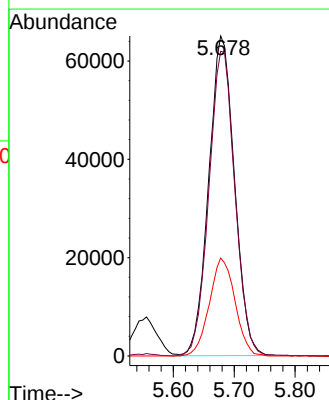
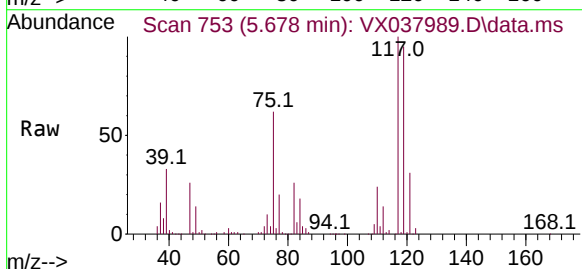
Delta R.T. -0.000 min

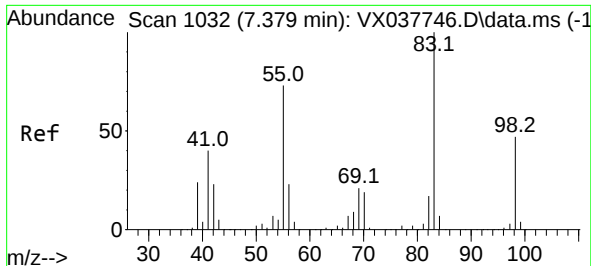
Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Tgt Ion:117 Resp: 191060

Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.2	117.2
121	30.6	24.4	36.6





#39

Methylcyclohexane

Concen: 52.670 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 22641

Ion Ratio Lower Upper

83 100

55 68.1 64.6 97.0

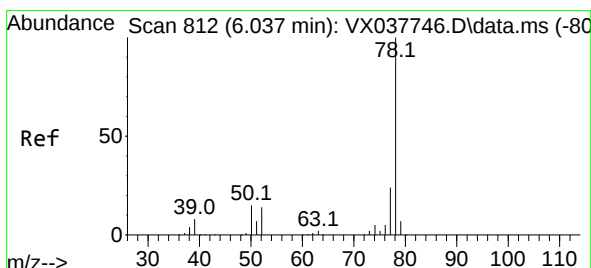
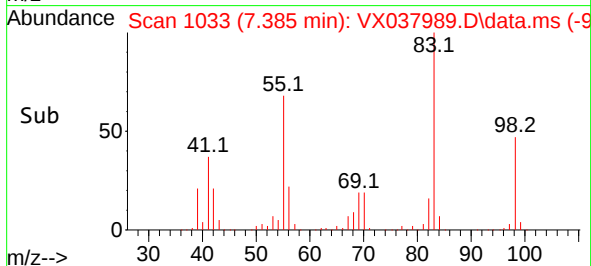
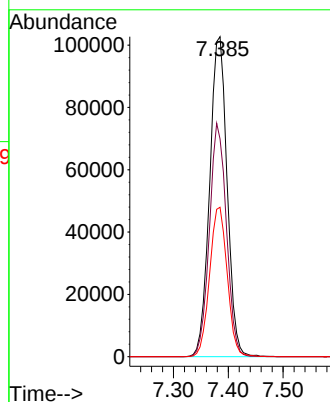
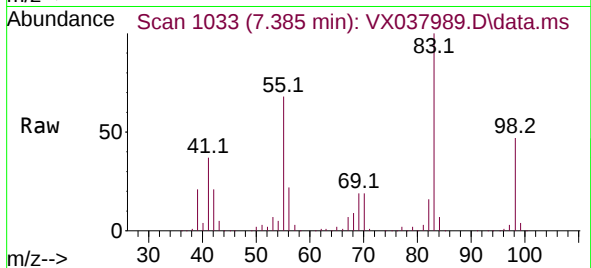
98 46.7 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#40

Benzene

Concen: 51.605 ug/l

RT: 6.038 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX037989.D

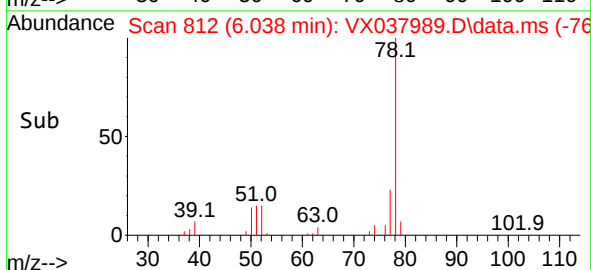
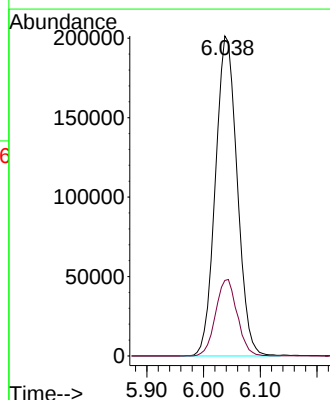
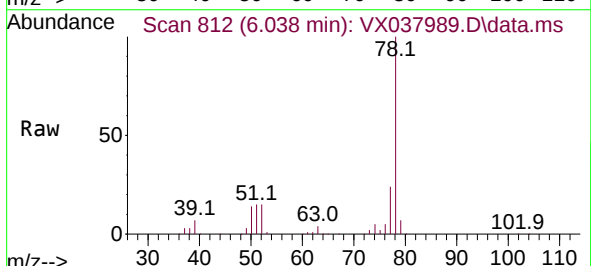
Acq: 29 Sep 2023 20:24

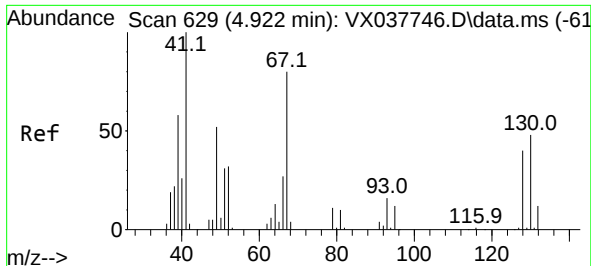
Tgt Ion: 78 Resp: 537501

Ion Ratio Lower Upper

78 100

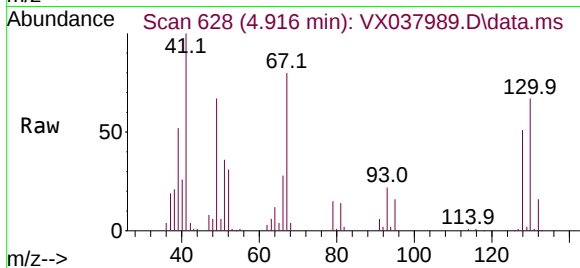
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 48.427 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.031 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

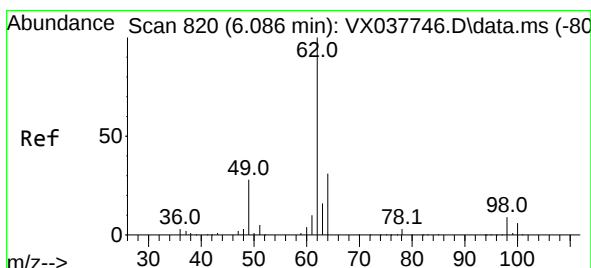
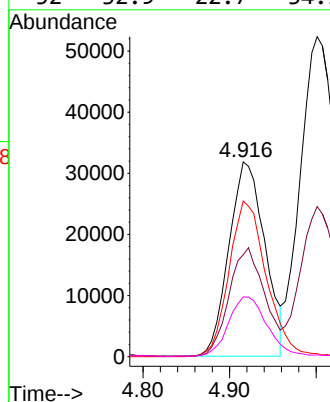
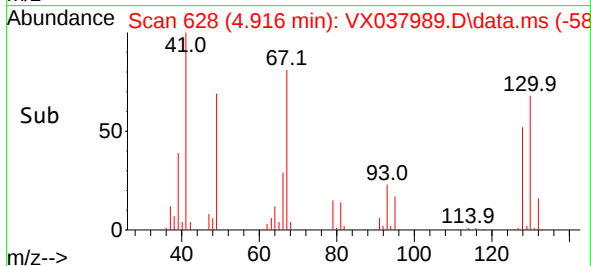
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	9194
Ion Ratio	100	Lower	Upper
39	55.2	45.2	67.8
67	83.6	52.6	78.8
52	32.9	22.7	34.1

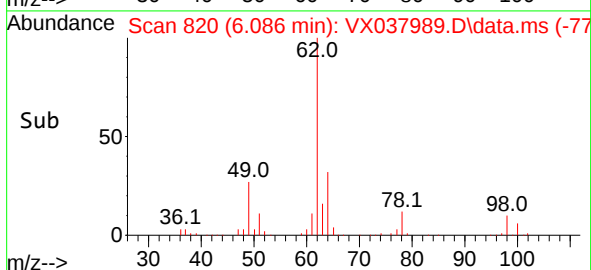
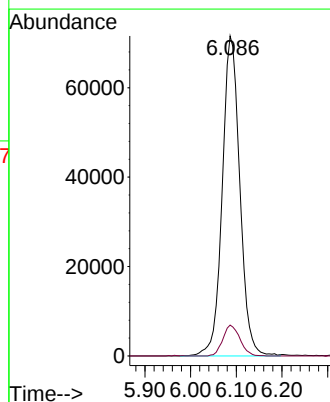
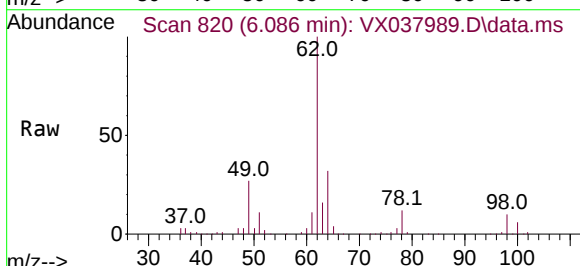
Manual Integrations
APPROVED

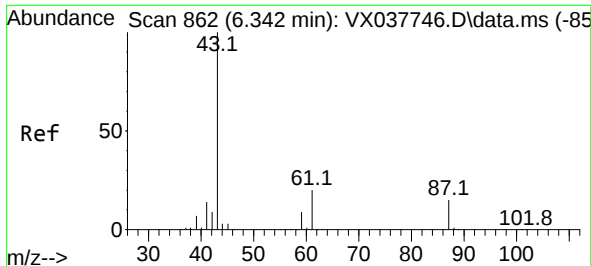
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#42
1,2-Dichloroethane
Concen: 50.874 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.012 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

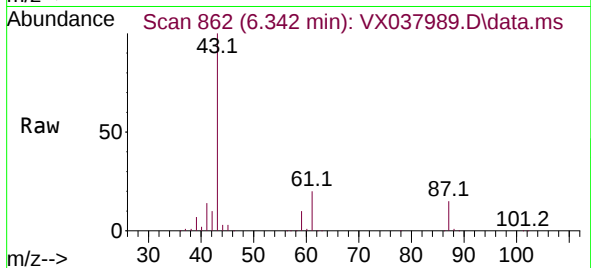
Tgt Ion:	62	Resp:	191518
Ion Ratio	100	Lower	Upper
98	9.4	0.0	16.0





#43
Isopropyl Acetate
Concen: 48.200 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

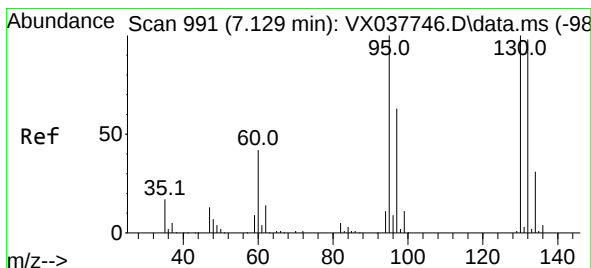
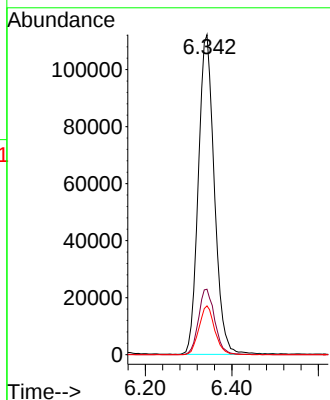
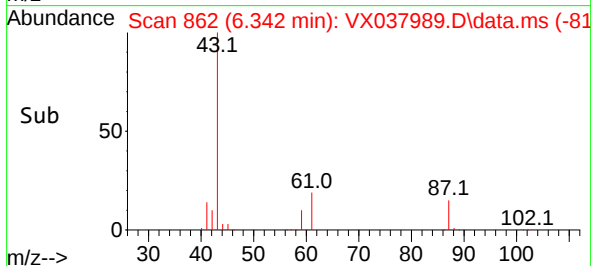
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 28698
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 15.0 9.8 14.6

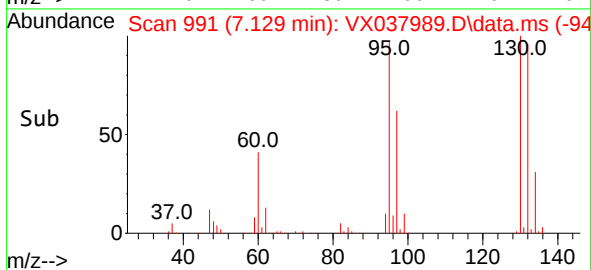
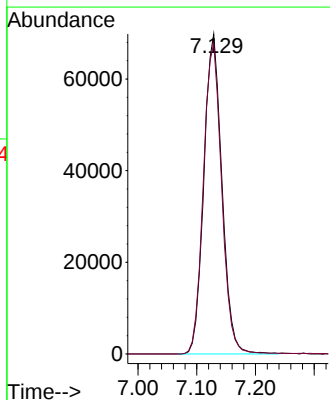
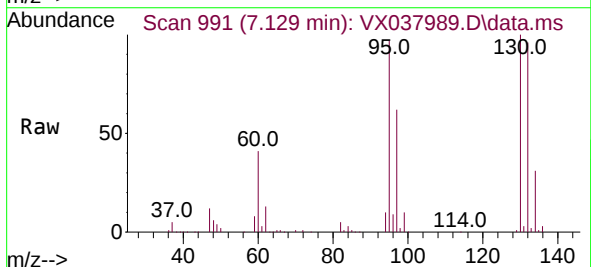
Manual Integrations
APPROVED

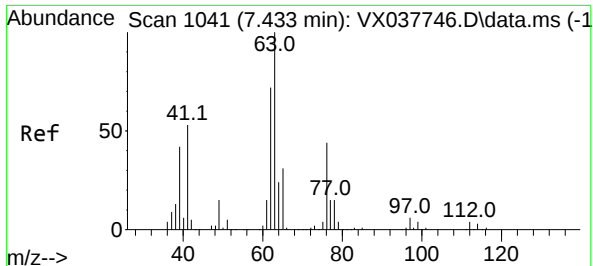
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#44
Trichloroethene
Concen: 51.373 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion:130 Resp: 149012
Ion Ratio Lower Upper
130 100
95 97.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 50.971 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 137872

Ion Ratio Lower Upper

63 100

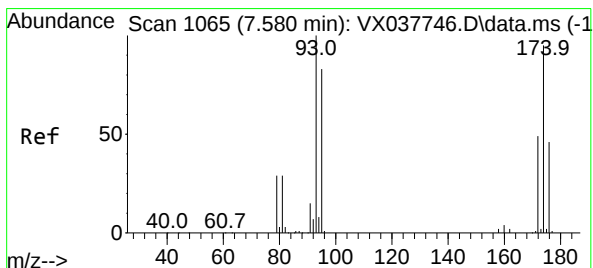
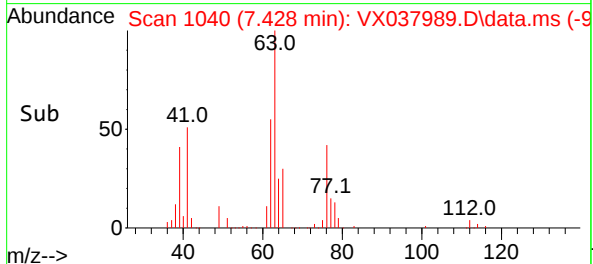
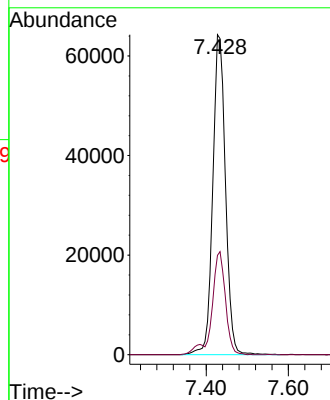
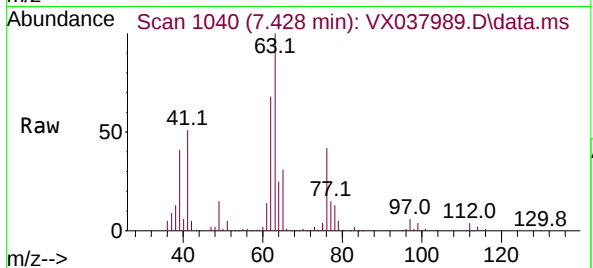
65 31.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#46

Dibromomethane

Concen: 53.028 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

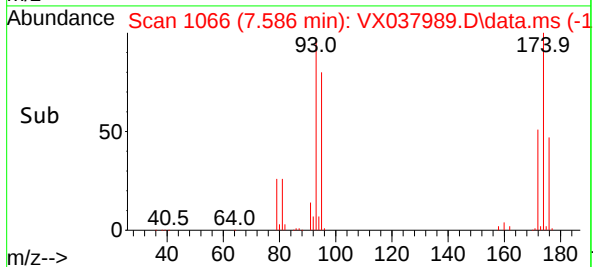
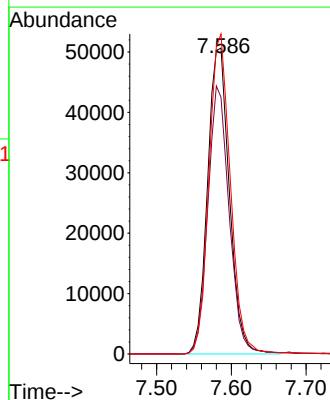
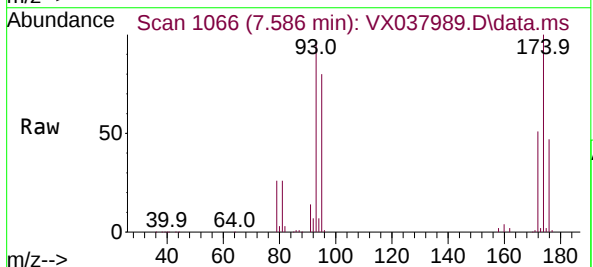
Tgt Ion: 93 Resp: 103179

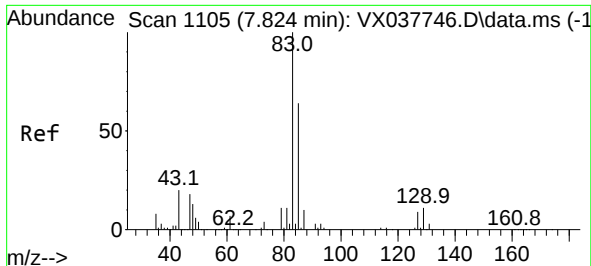
Ion Ratio Lower Upper

93 100

95 85.7 66.6 100.0

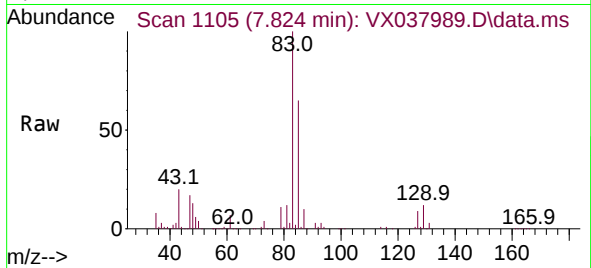
174 102.7 69.4 104.0





#47
Bromodichloromethane
Concen: 53.272 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

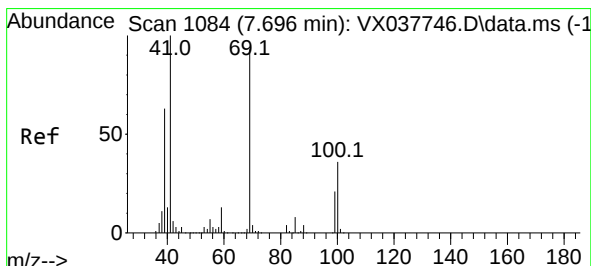
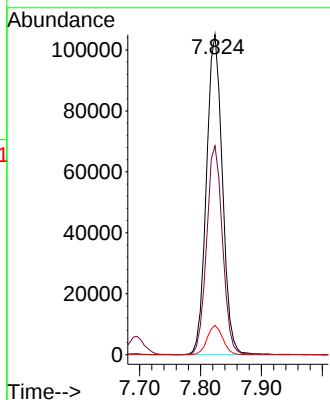
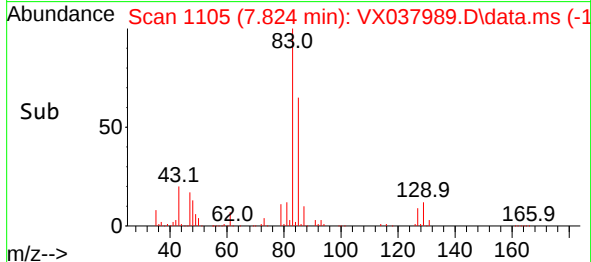
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 190899
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 9.1 7.1 10.7

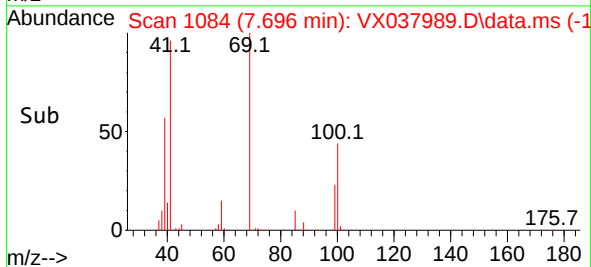
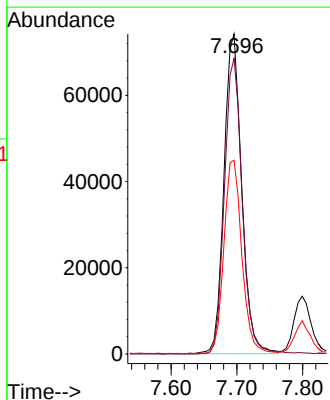
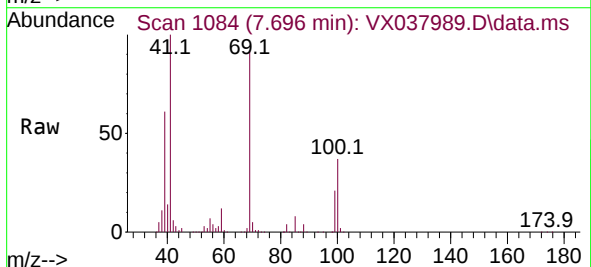
Manual Integrations
APPROVED

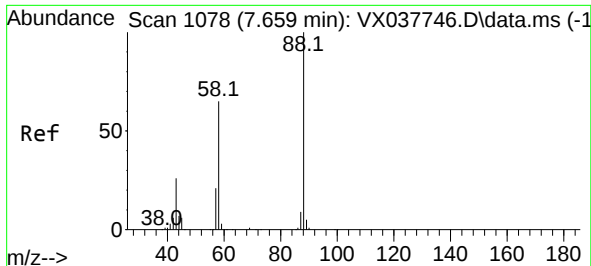
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#48
Methyl methacrylate
Concen: 48.845 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

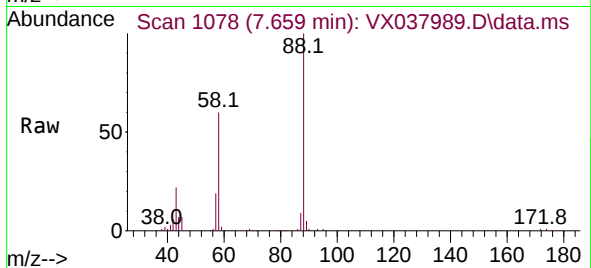
Tgt Ion: 41 Resp: 139026
Ion Ratio Lower Upper
41 100
69 92.7 59.2 88.8#
39 61.5 47.7 71.5





#49
1,4-Dioxane
Concen: 930.727 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

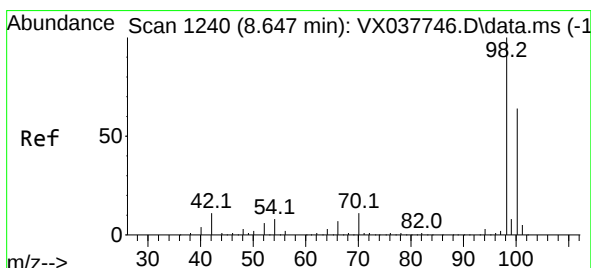
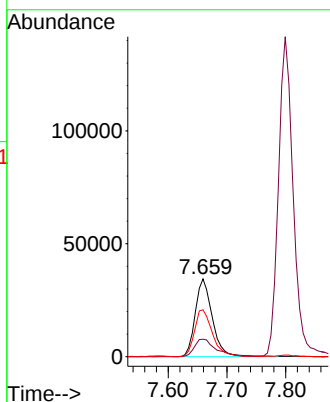
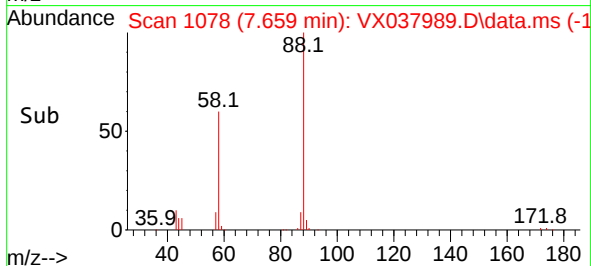
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 69450
Ion Ratio Lower Upper
88 100
43 27.4 0.0 0.0
58 63.1 60.1 90.1

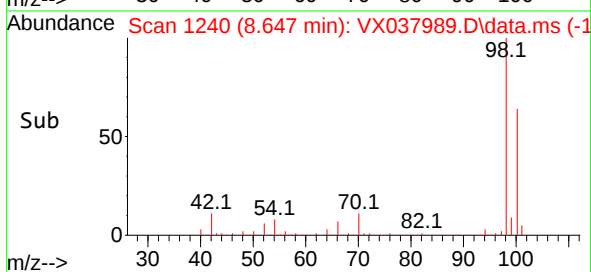
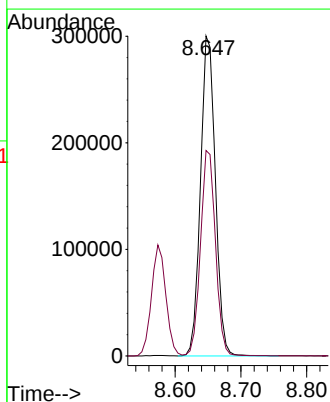
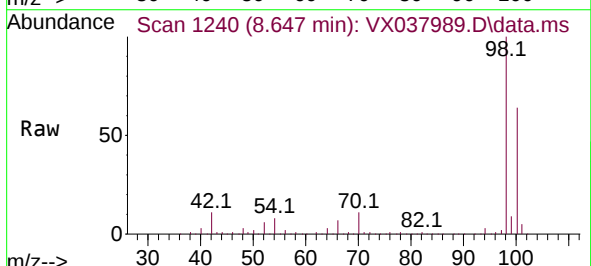
Manual Integrations
APPROVED

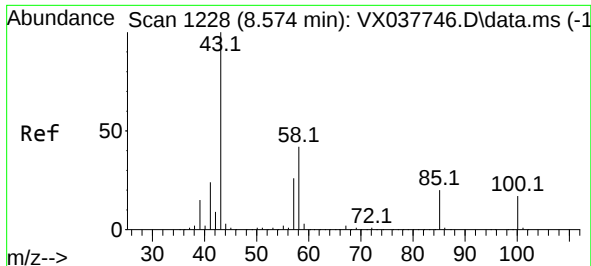
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#50
Toluene-d8
Concen: 51.718 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion: 98 Resp: 472482
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 241.500 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

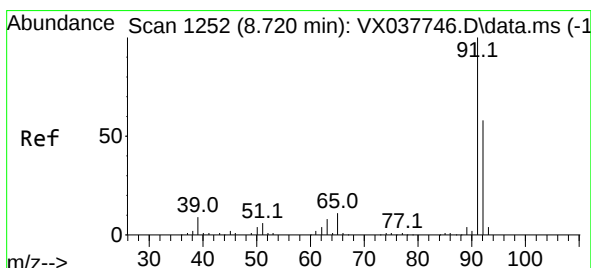
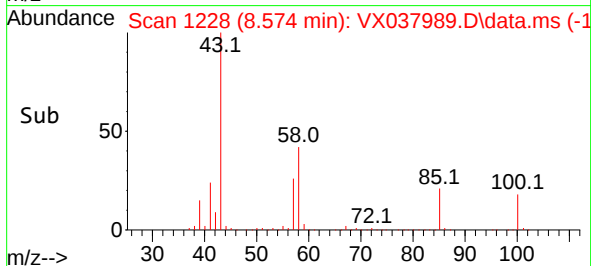
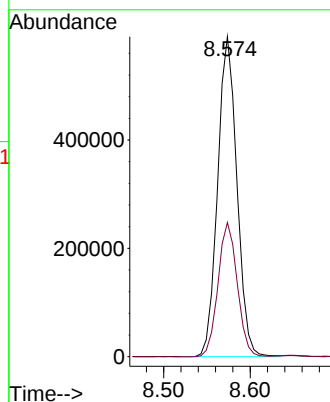
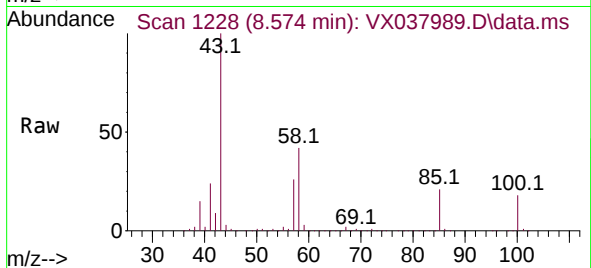
VSTDCCC050EC

Tgt Ion: 43 Resp: 91228
Ion Ratio Lower Upper
43 100
58 41.8 30.4 45.6

Manual Integrations

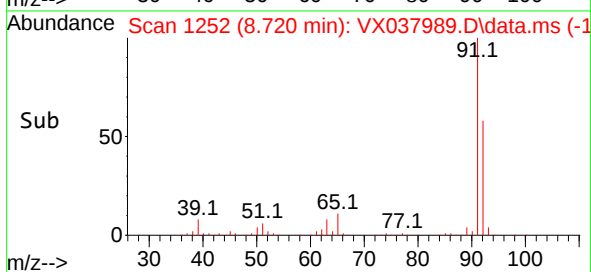
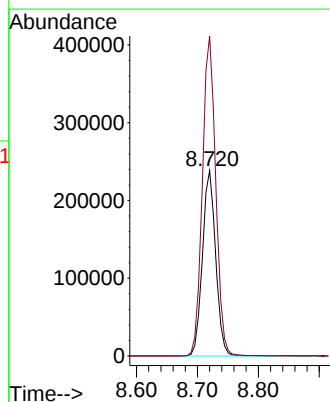
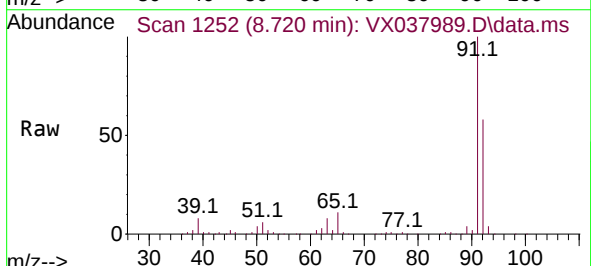
APPROVED

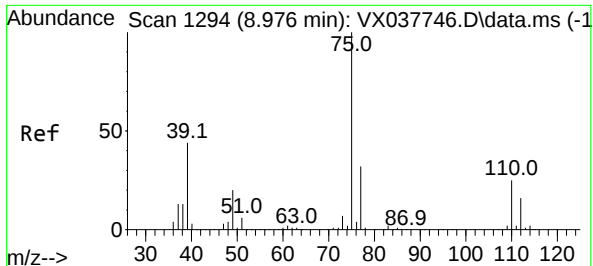
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#52
Toluene
Concen: 53.681 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion: 92 Resp: 360343
Ion Ratio Lower Upper
92 100
91 174.6 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.564 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.012 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 204448

Ion Ratio Lower Upper

75 100

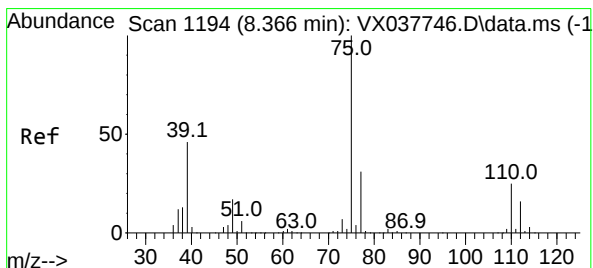
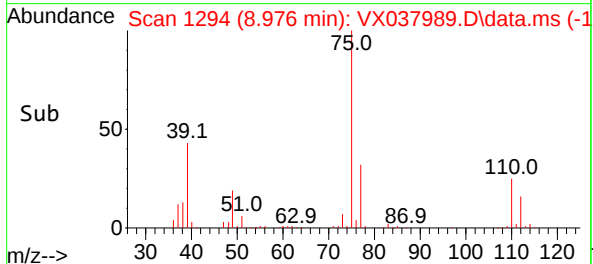
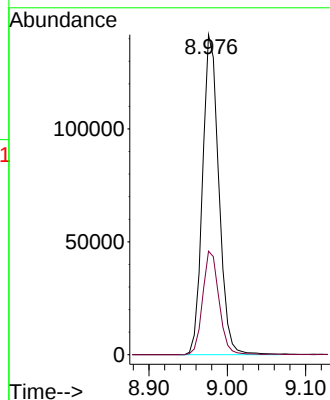
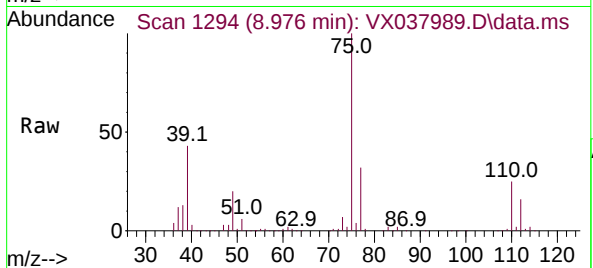
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#54

cis-1,3-Dichloropropene

Concen: 53.328 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

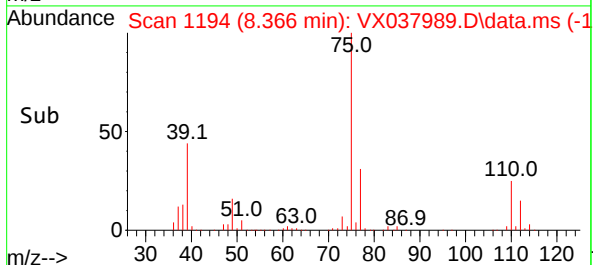
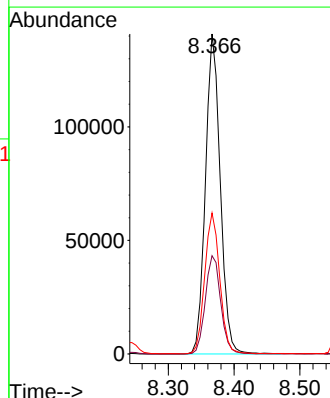
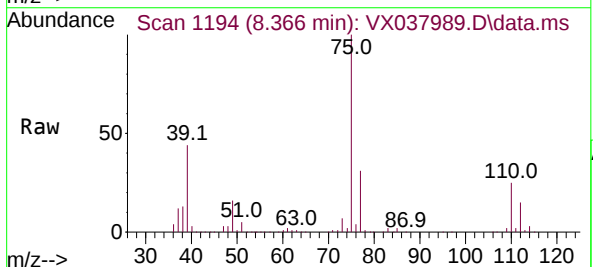
Tgt Ion: 75 Resp: 221143

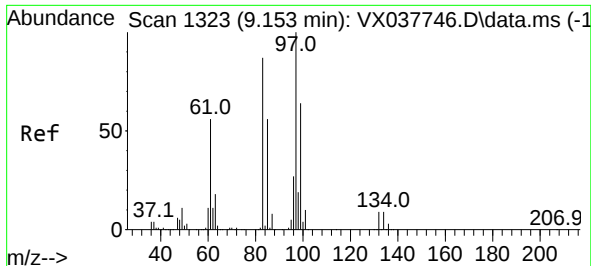
Ion Ratio Lower Upper

75 100

77 30.7 25.3 37.9

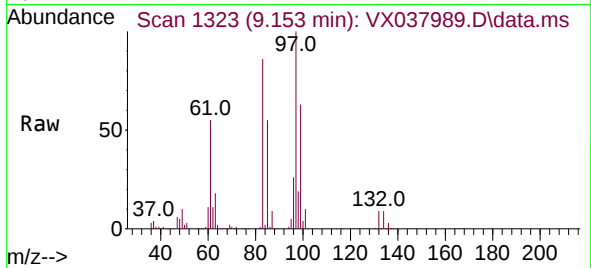
39 44.0 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 54.150 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

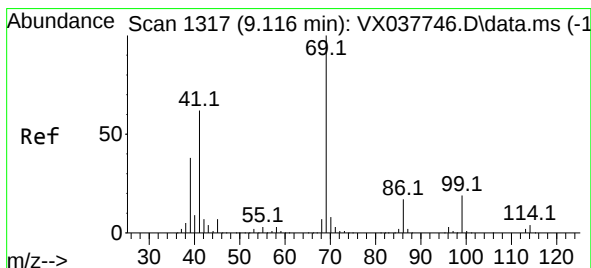
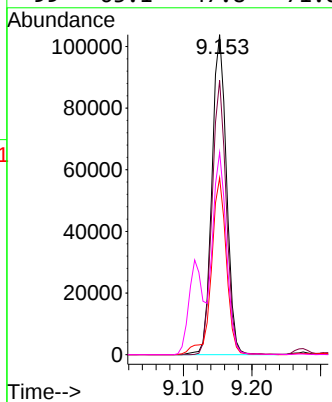
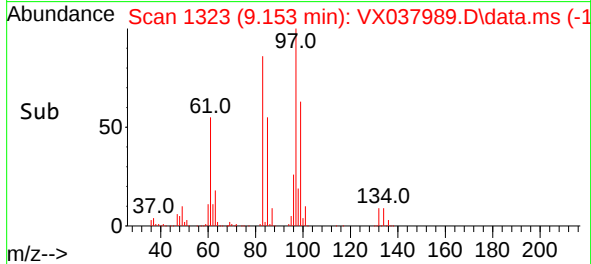
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



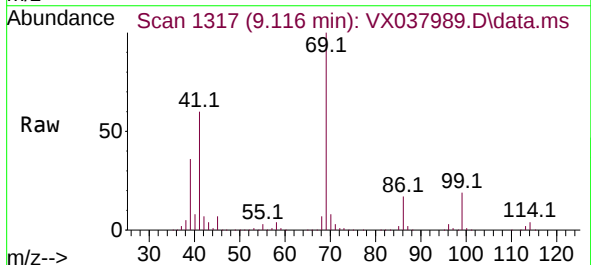
Tgt Ion: 97 Resp: 15325
Ion Ratio Lower Upper
97 100
83 85.7 65.8 98.8
85 55.3 41.6 62.4
99 63.1 47.8 71.8

Manual Integrations
APPROVED

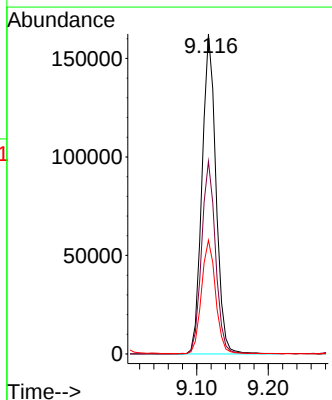
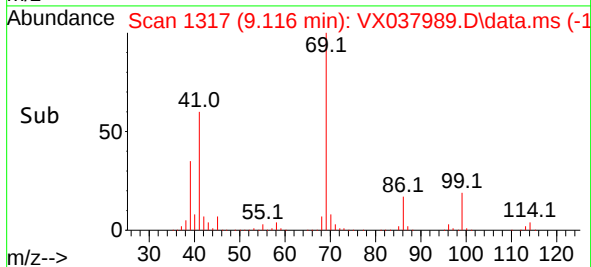
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

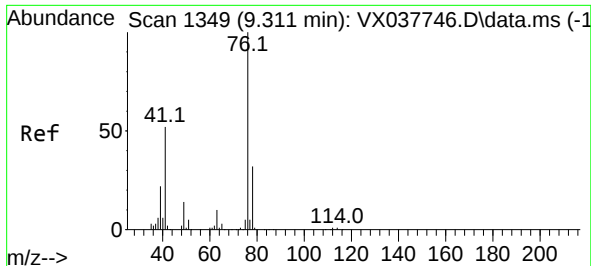


#56
Ethyl methacrylate
Concen: 52.129 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion: 69 Resp: 220248
Ion Ratio Lower Upper
69 100
41 60.1 56.8 85.2
39 36.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 52.323 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 239620

Ion Ratio Lower Upper

76 100

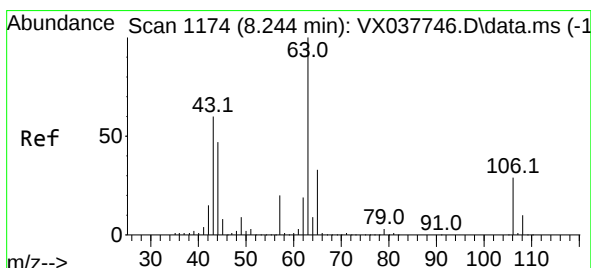
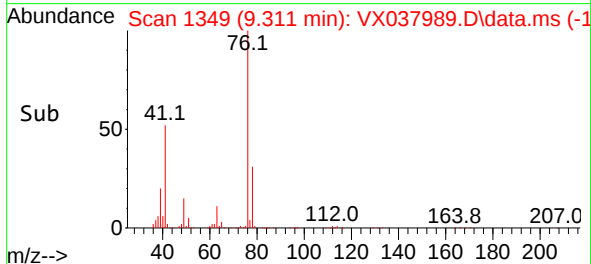
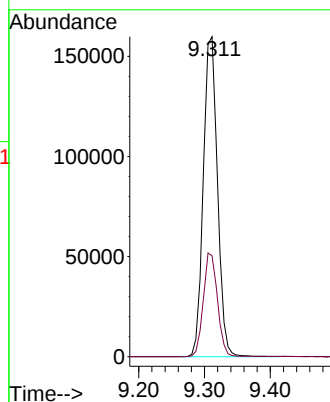
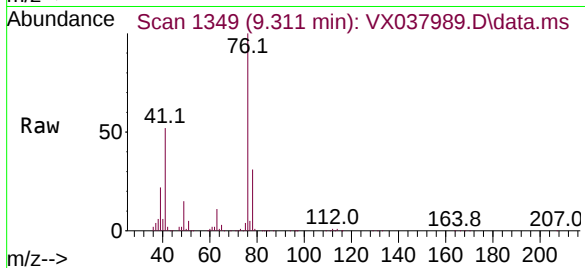
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 199.215 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037989.D

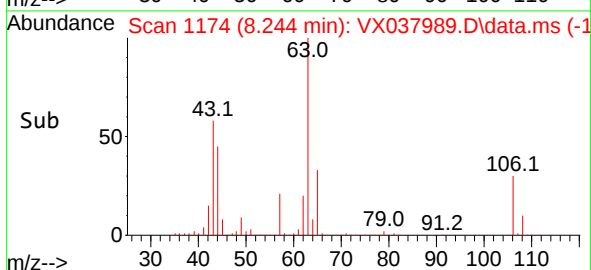
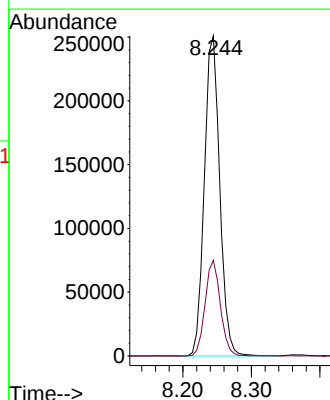
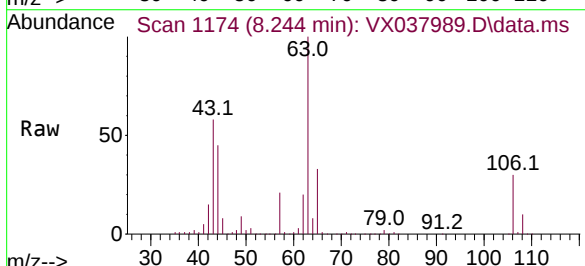
Acq: 29 Sep 2023 20:24

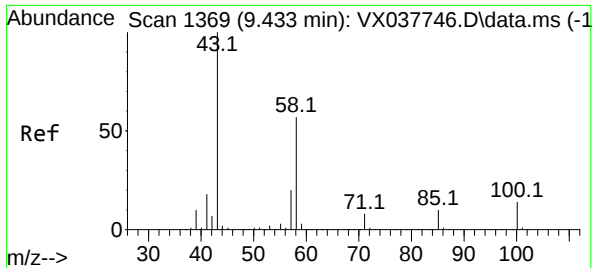
Tgt Ion: 63 Resp: 393029

Ion Ratio Lower Upper

63 100

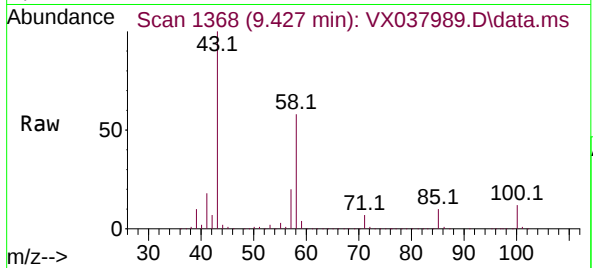
106 29.6 22.5 33.7





#59
2-Hexanone
Concen: 238.642 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

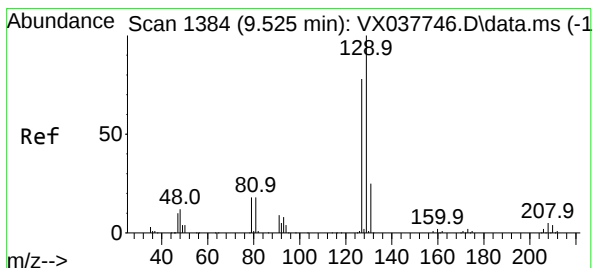
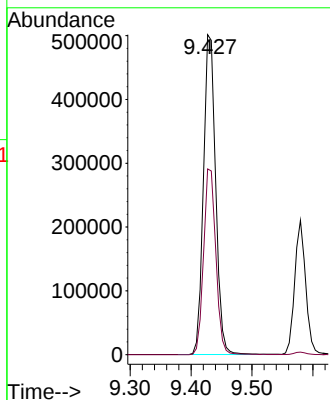
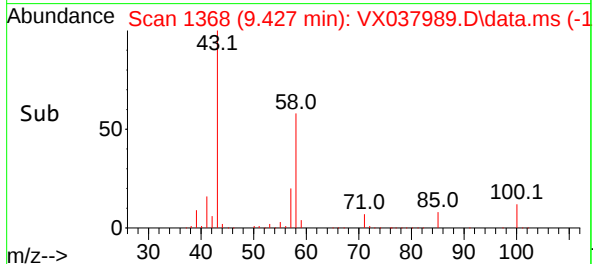
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 70190
Ion Ratio Lower Upper
43 100
58 58.2 26.2 78.5

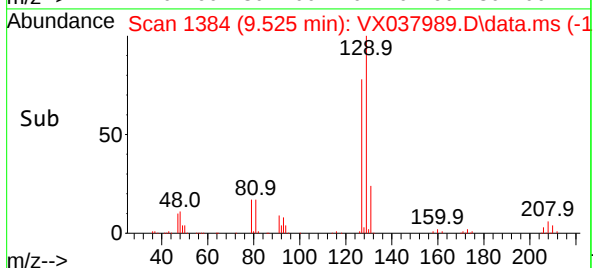
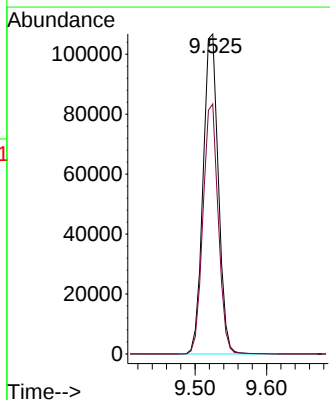
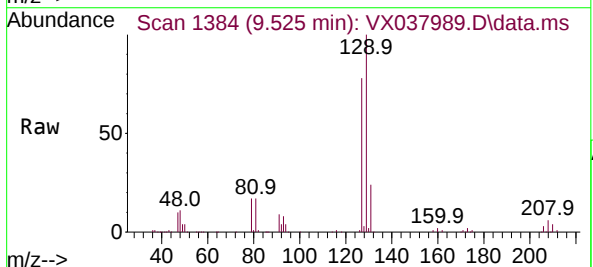
Manual Integrations
APPROVED

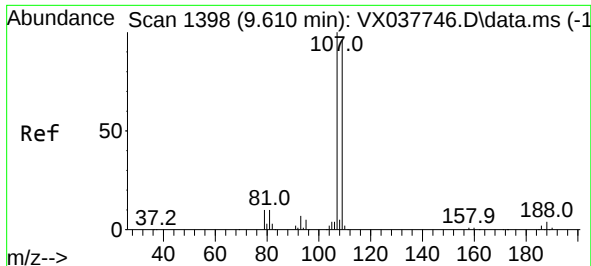
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#60
Dibromochloromethane
Concen: 56.146 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion:129 Resp: 158296
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





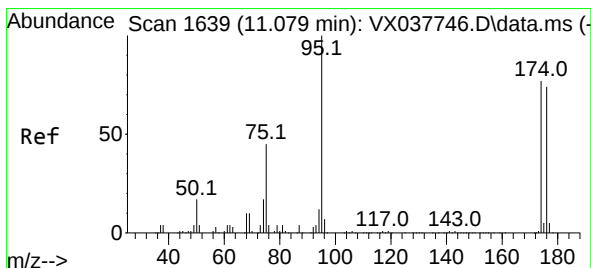
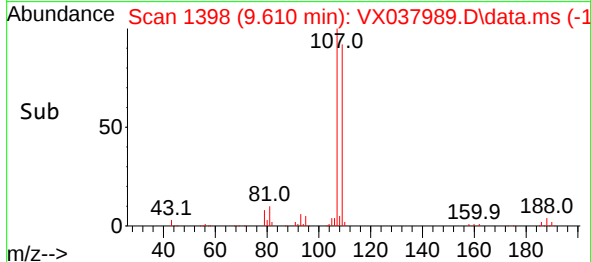
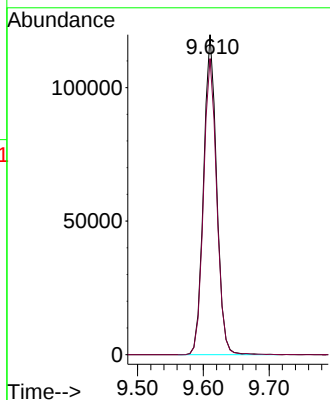
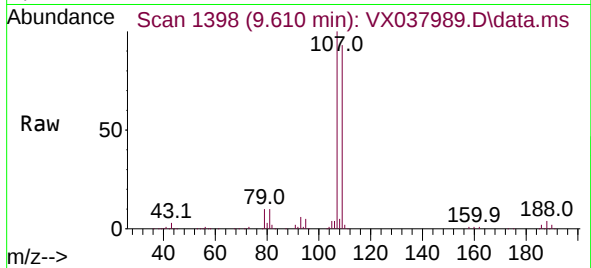
#61
1,2-Dibromoethane
Concen: 55.058 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 164979
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

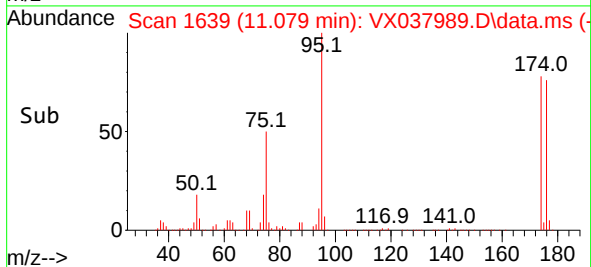
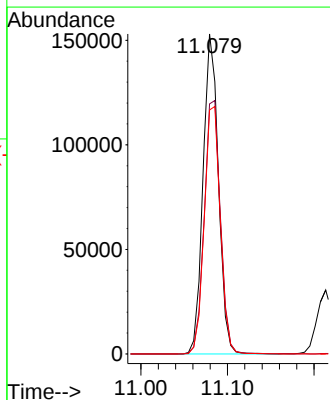
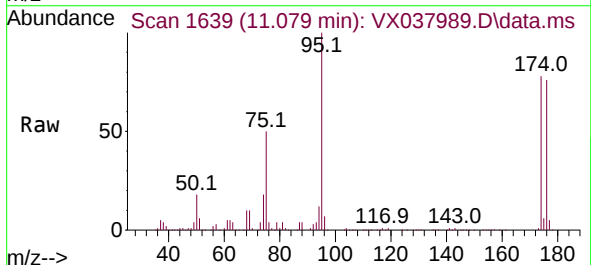
Manual Integrations
APPROVED

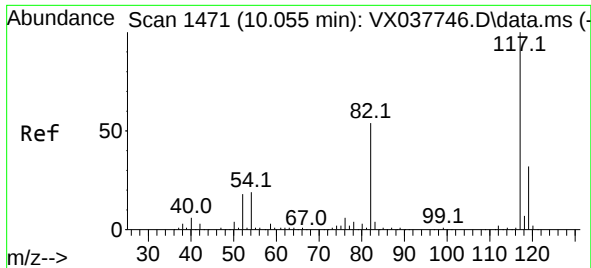
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#62
4-Bromofluorobenzene
Concen: 56.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

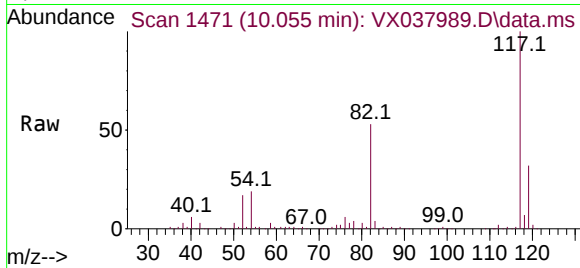
Tgt Ion: 95 Resp: 188369
Ion Ratio Lower Upper
95 100
174 83.4 0.0 135.6
176 81.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

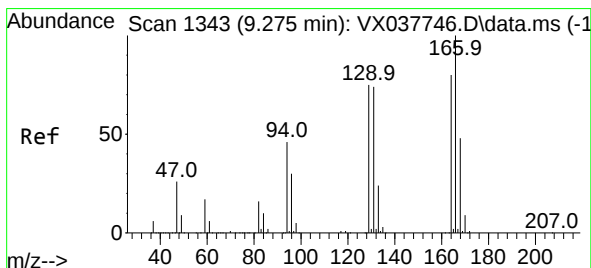
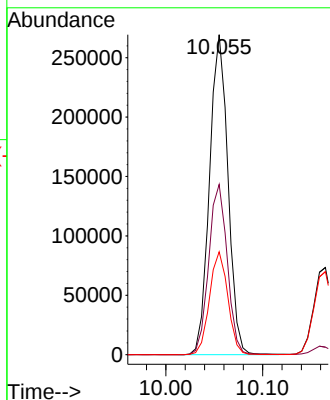
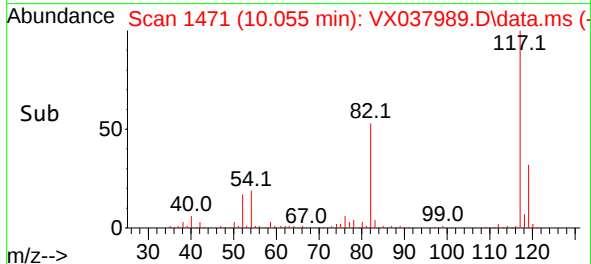
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 356934
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 32.2 25.5 38.3

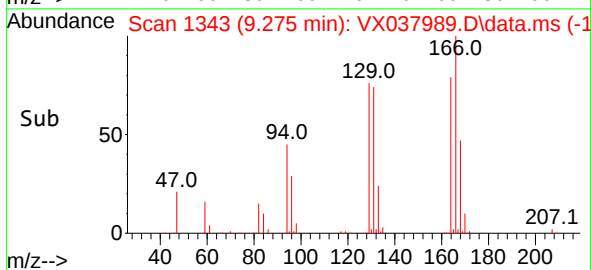
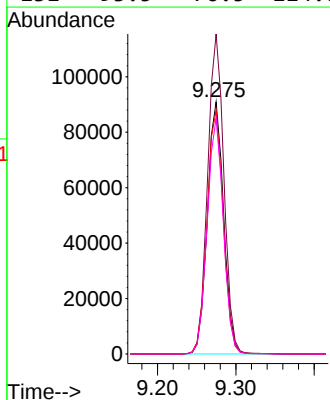
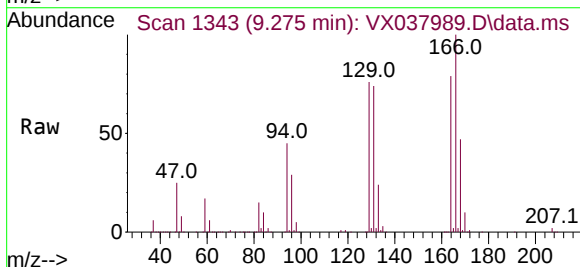
Manual Integrations
APPROVED

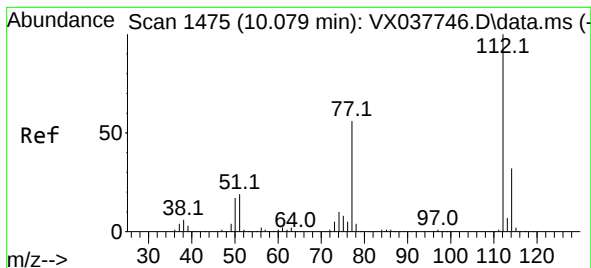
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#64
Tetrachloroethene
Concen: 53.871 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

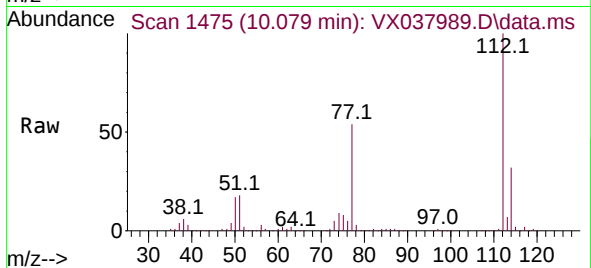
Tgt Ion:164 Resp: 131135
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 96.5 80.4 120.6
131 93.5 76.5 114.7





#65
Chlorobenzene
Concen: 52.353 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

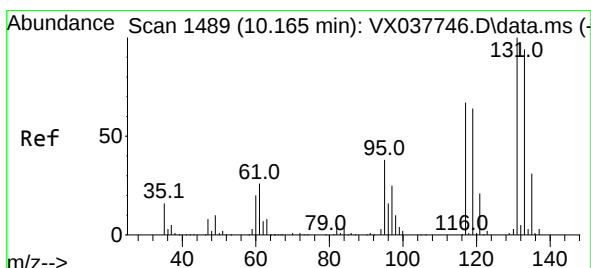
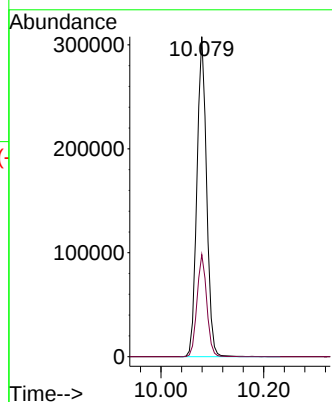
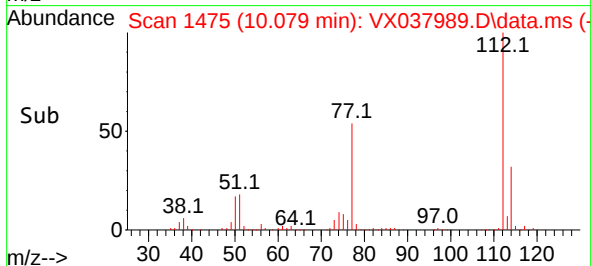
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



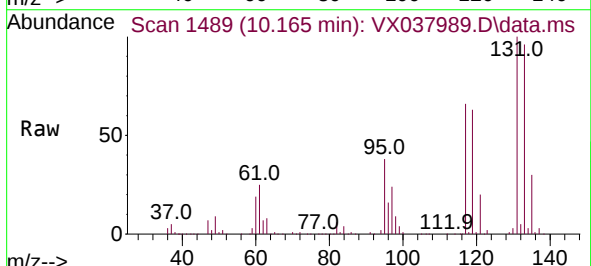
Tgt Ion:112 Resp: 403072
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

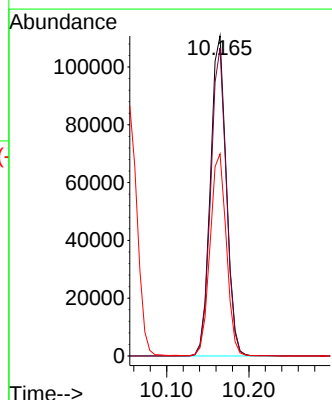
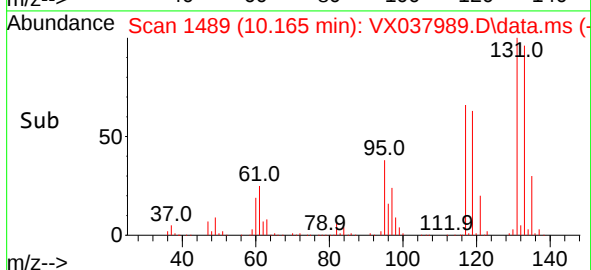
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

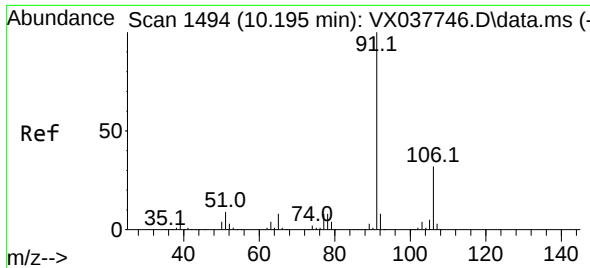


#66
1,1,1,2-Tetrachloroethane
Concen: 54.544 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



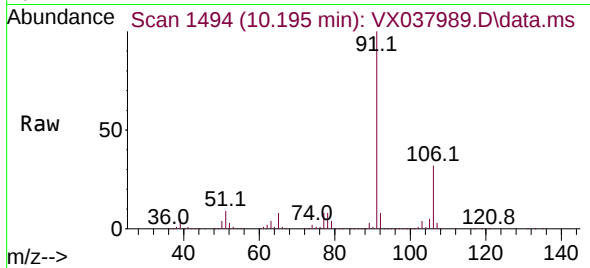
Tgt Ion:131 Resp: 148820
Ion Ratio Lower Upper
131 100
133 94.4 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 53.347 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

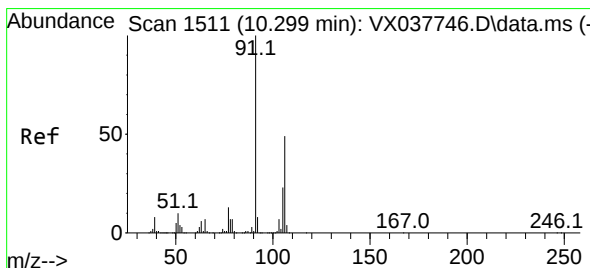
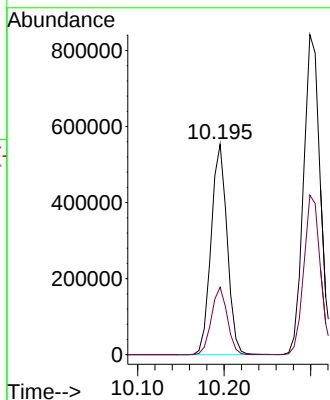
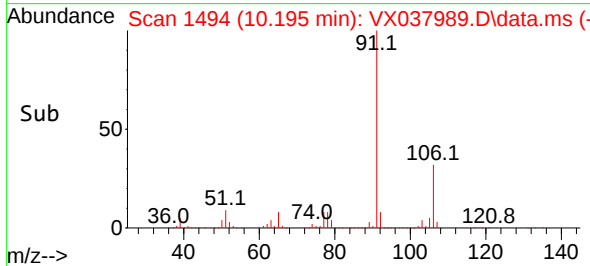
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



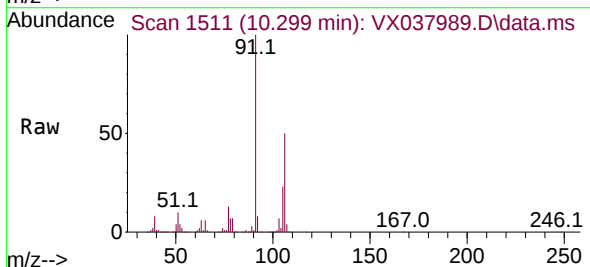
Tgt Ion: 91 Resp: 712094
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

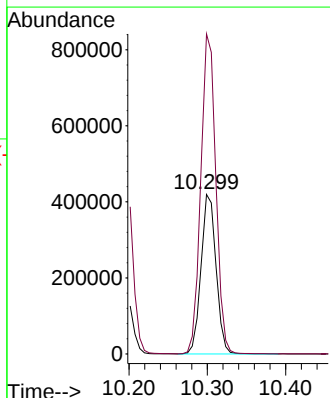
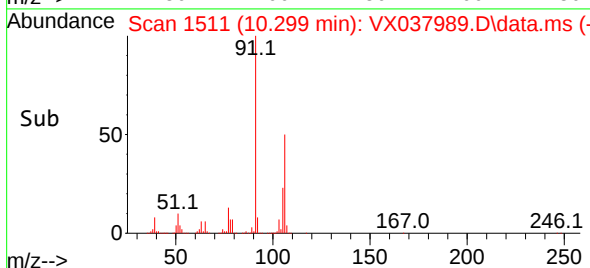
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

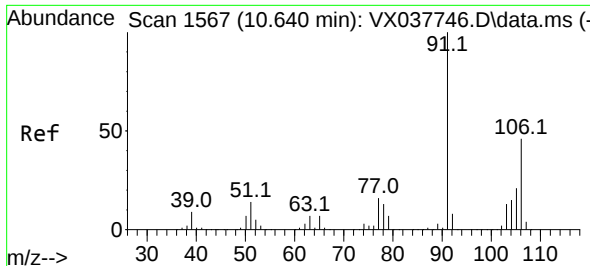


#68
m/p-Xylenes
Concen: 108.116 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion:106 Resp: 557659
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3





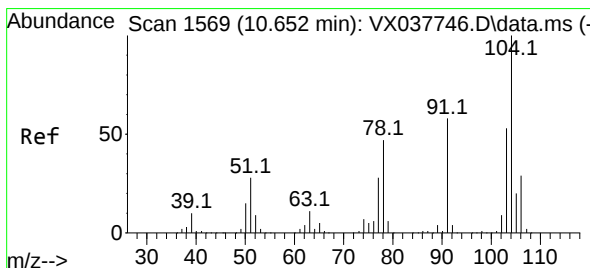
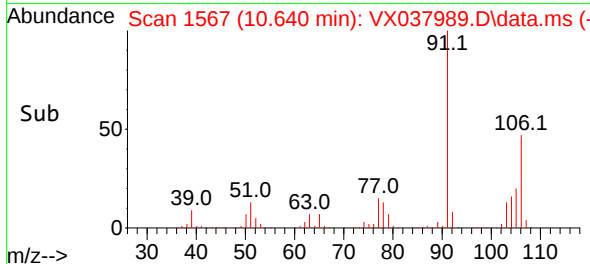
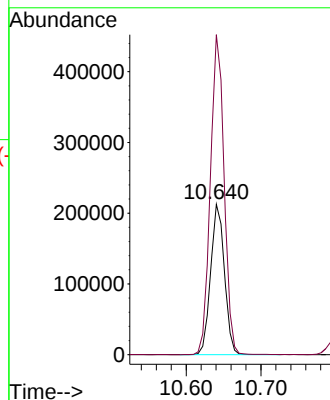
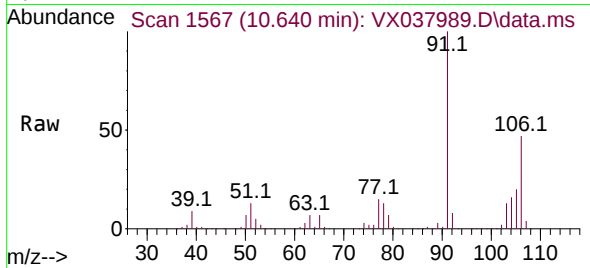
#69
o-Xylene
Concen: 52.672 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 272430
Ion Ratio Lower Upper
106 100
91 212.0 108.9 326.8

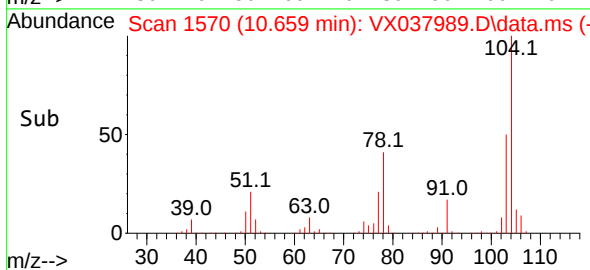
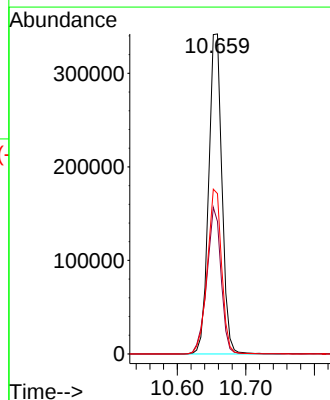
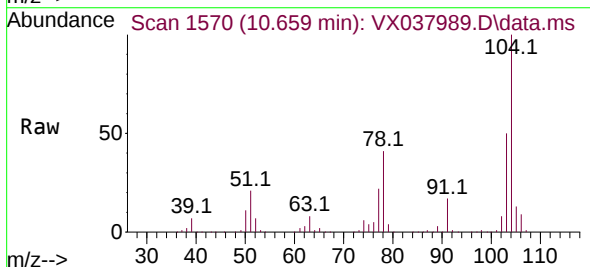
Manual Integrations
APPROVED

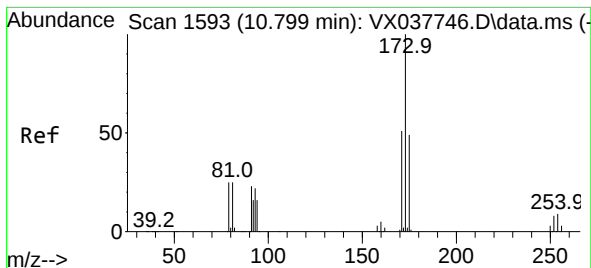
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#70
Styrene
Concen: 55.786 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion:104 Resp: 463222
Ion Ratio Lower Upper
104 100
78 48.8 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 54.720 ug/l

RT: 10.799 min Scan# 11794

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 11794

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

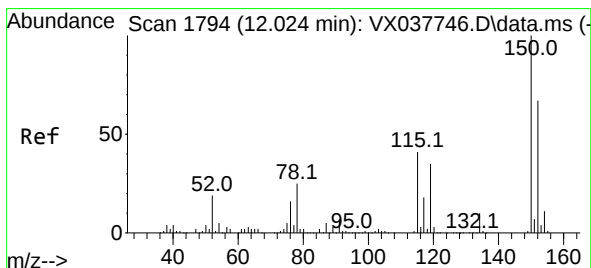
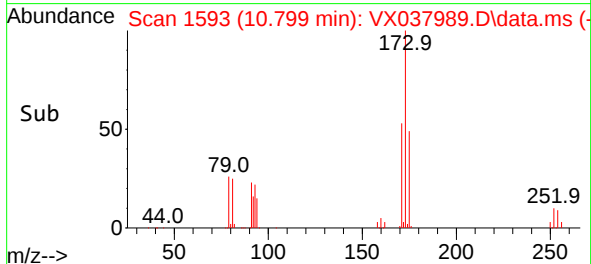
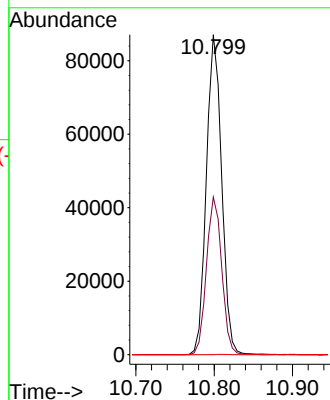
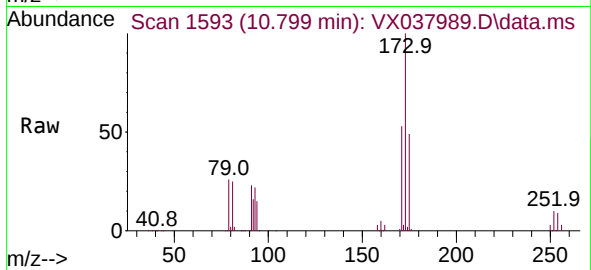
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

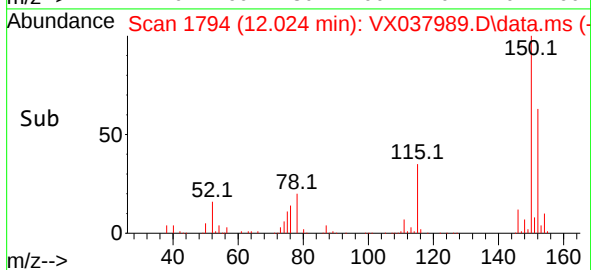
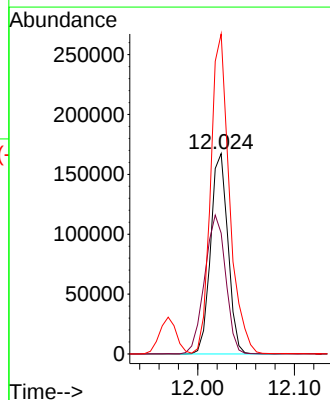
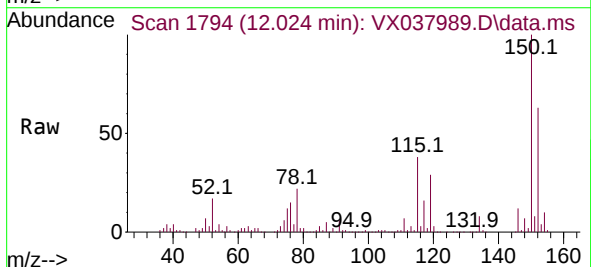
Tgt Ion:152 Resp: 207996

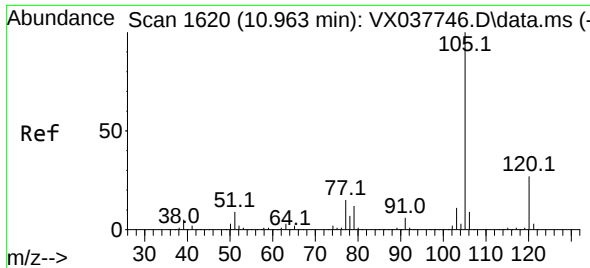
Ion Ratio Lower Upper

152 100

115 84.4 43.3 129.9

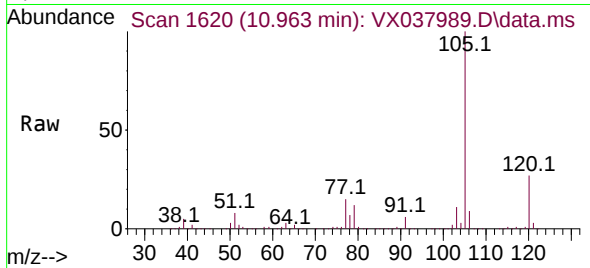
150 173.5 0.0 345.0





#73
Isopropylbenzene
Concen: 47.394 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

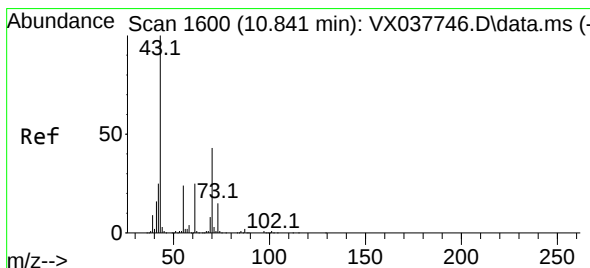
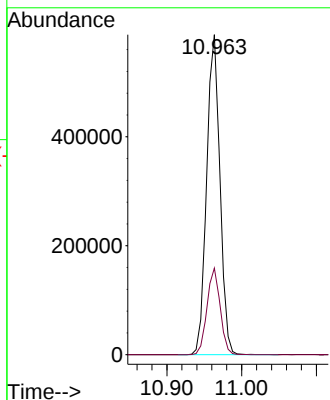
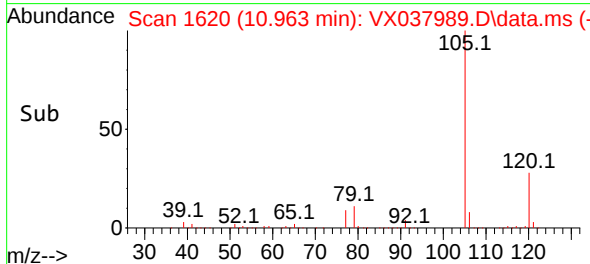
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



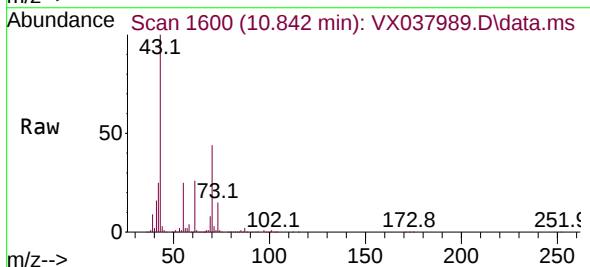
Tgt Ion:105 Resp: 72321
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

Manual Integrations
APPROVED

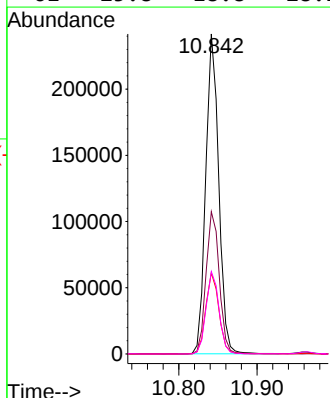
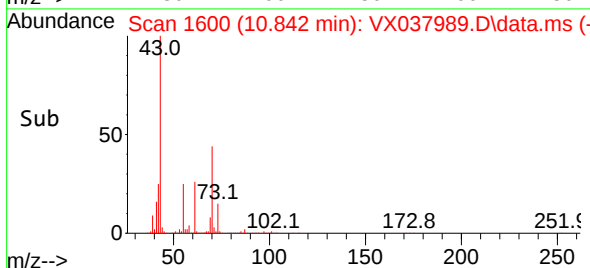
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

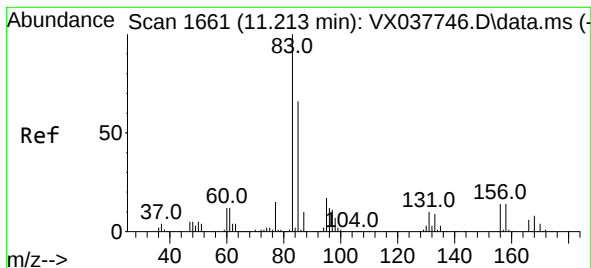


#74
N-ethyl acetate
Concen: 44.849 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



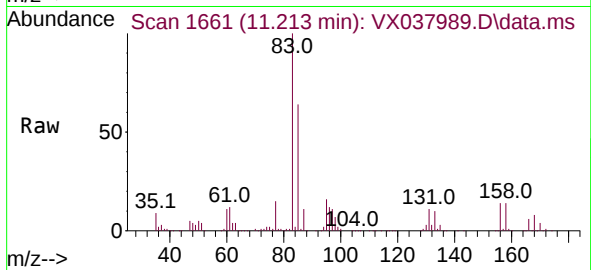
Tgt Ion: 43 Resp: 277164
Ion Ratio Lower Upper
43 100
70 45.6 32.9 49.3
55 25.9 19.3 28.9
61 25.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.728 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

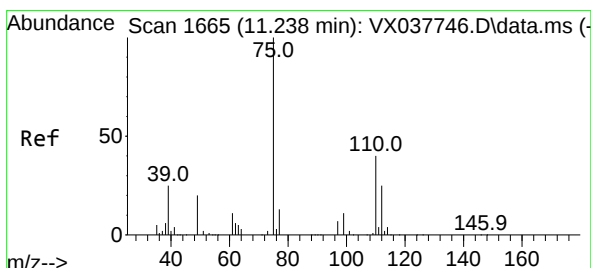
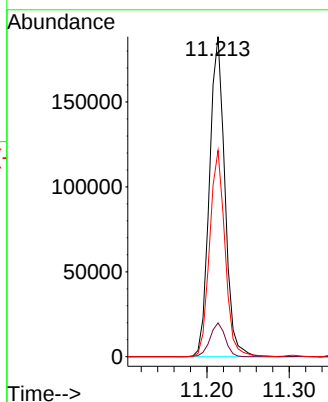
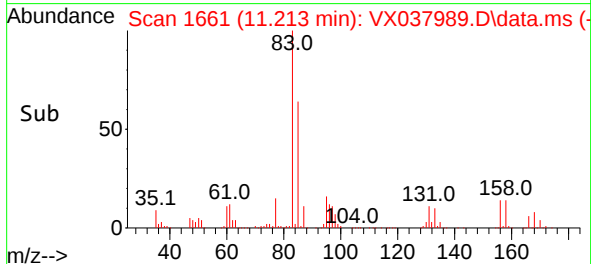
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



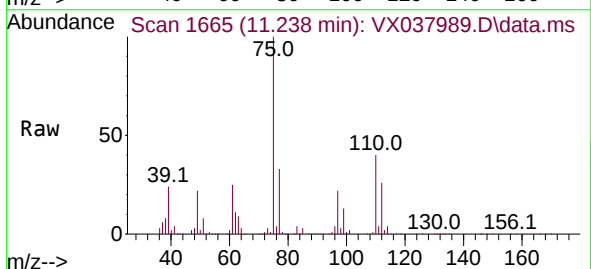
Tgt Ion: 83 Resp: 245408
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 64.3 32.0 96.2

Manual Integrations
APPROVED

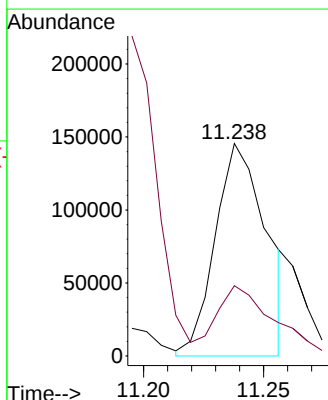
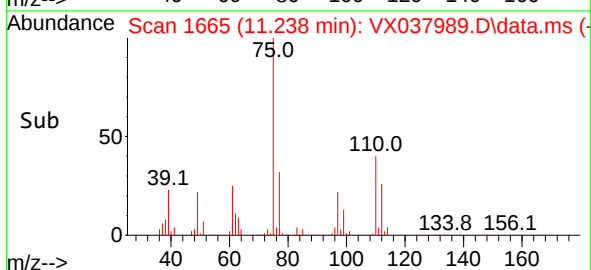
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

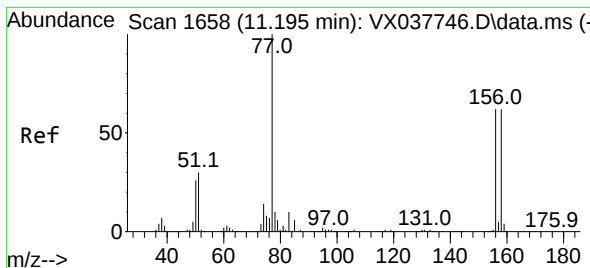


#76
1,2,3-Trichloropropane
Concen: 44.587 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



Tgt Ion: 75 Resp: 214498
Ion Ratio Lower Upper
75 100
77 37.7 19.1 57.5





#77

Bromobenzene

Concen: 48.255 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 18225

Ion Ratio Lower Upper

156 100

77 150.8 88.4 265.3

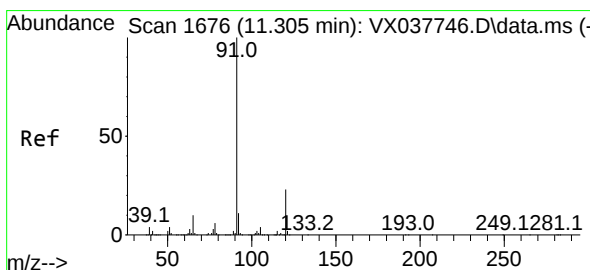
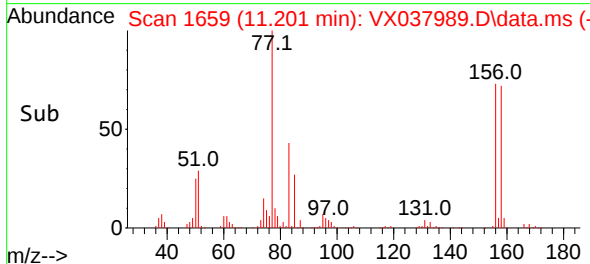
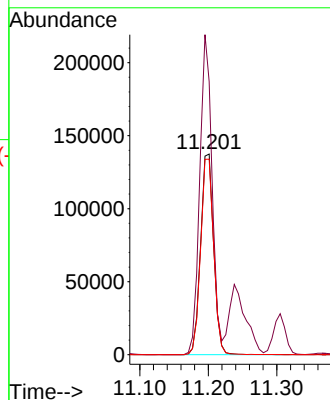
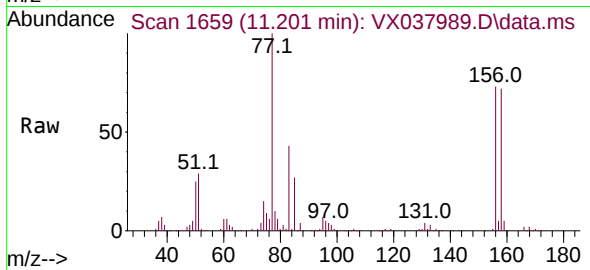
158 97.9 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#78

n-propylbenzene

Concen: 49.845 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037989.D

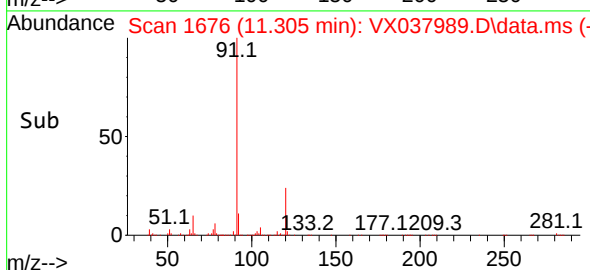
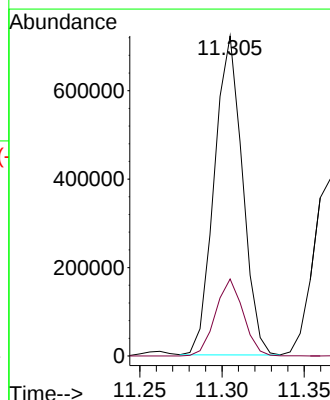
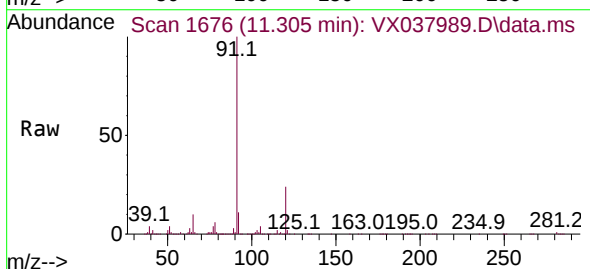
Acq: 29 Sep 2023 20:24

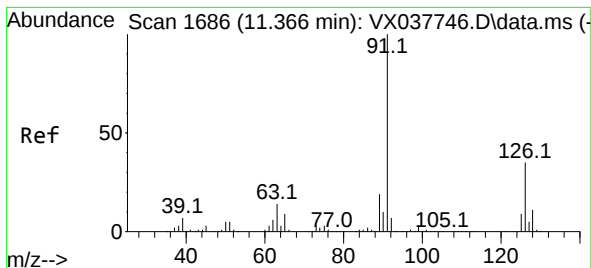
Tgt Ion: 91 Resp: 859005

Ion Ratio Lower Upper

91 100

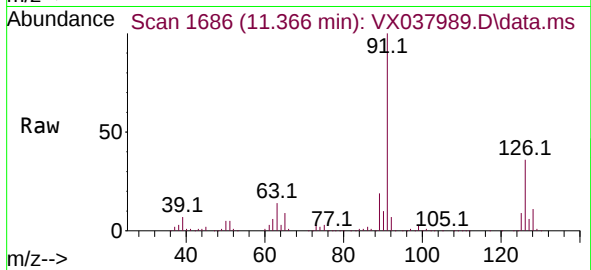
120 23.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.010 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

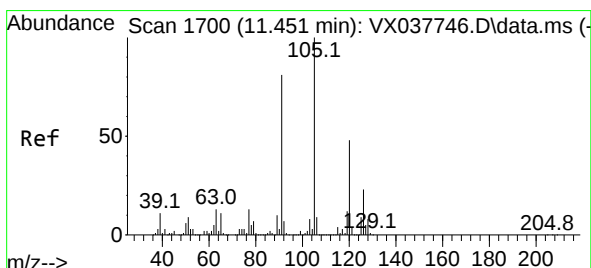
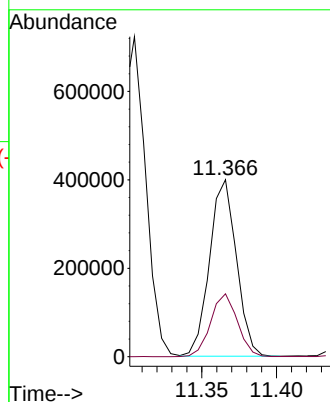
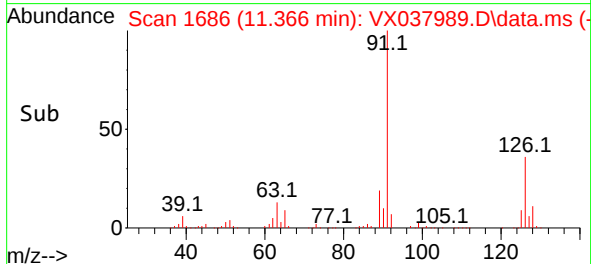
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



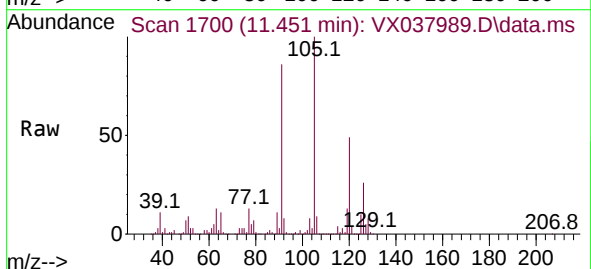
Tgt Ion: 91 Resp: 49952
Ion Ratio Lower Upper
91 100
126 35.5 16.3 48.8

Manual Integrations
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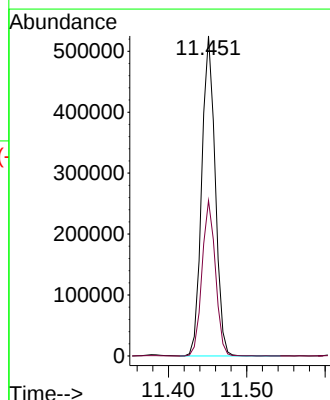
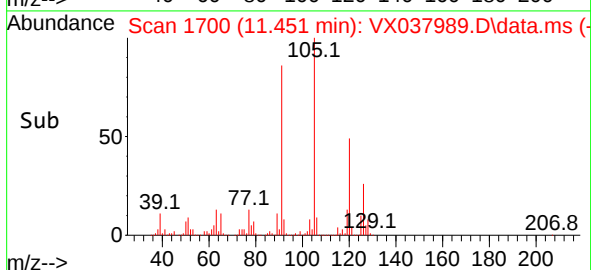
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023

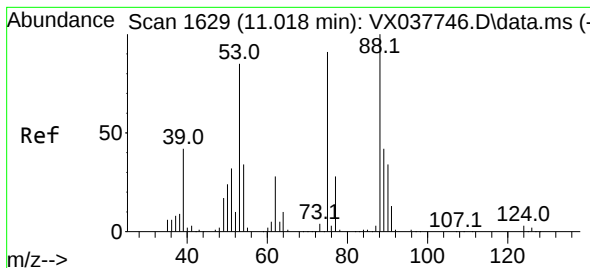


#80
1,3,5-Trimethylbenzene
Concen: 48.548 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



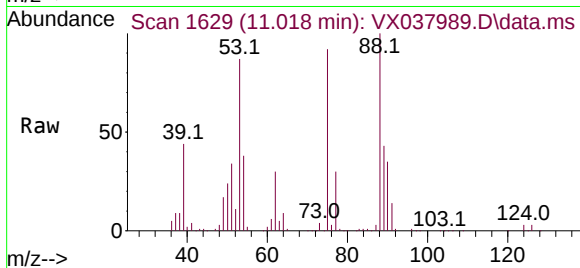
Tgt Ion:105 Resp: 625627
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.267 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

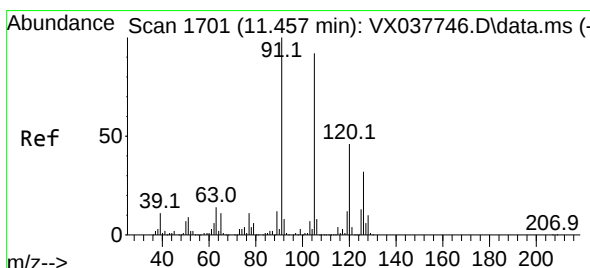
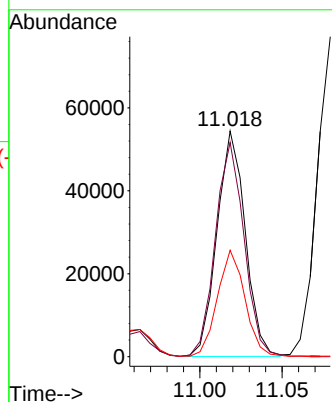
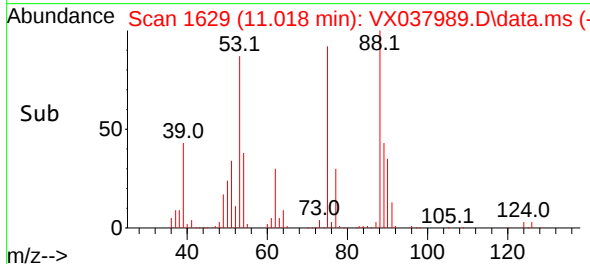
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 6497
Ion Ratio Lower Upper
75 100
53 96.1 90.5 135.7
89 46.2 36.9 55.3

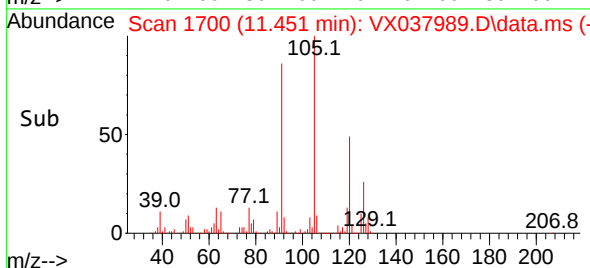
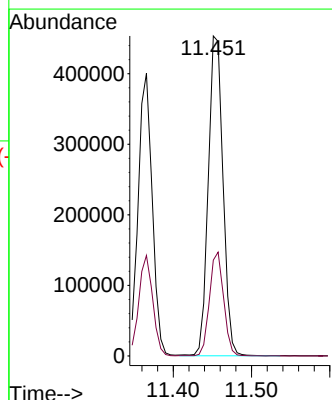
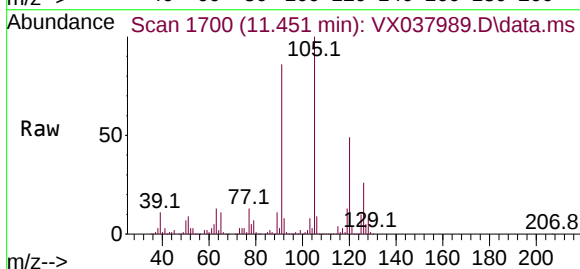
Manual Integrations
APPROVED

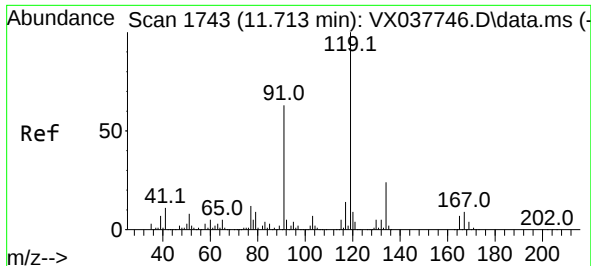
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#82
4-Chlorotoluene
Concen: 49.251 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

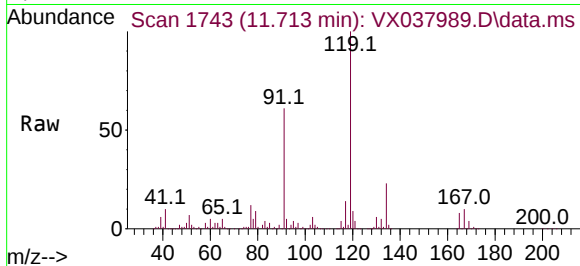
Tgt Ion: 91 Resp: 589184
Ion Ratio Lower Upper
91 100
126 31.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.756 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

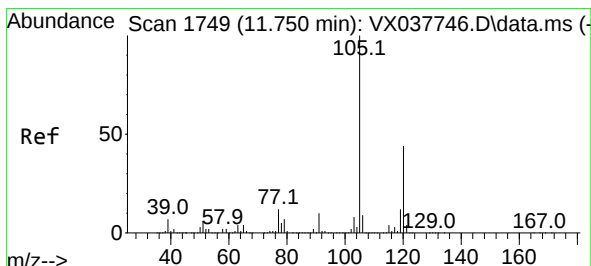
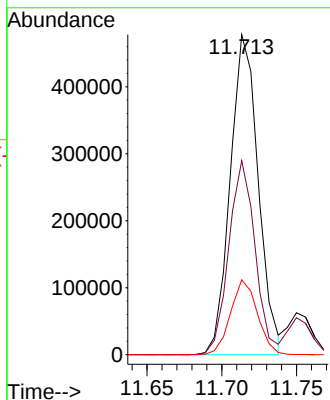
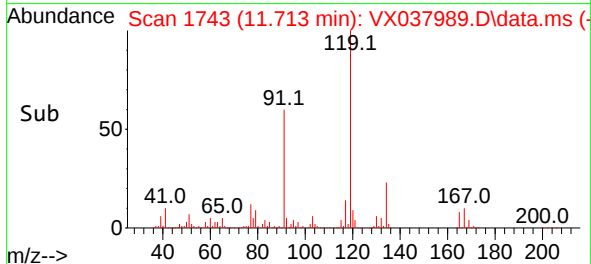
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 621984
Ion Ratio Lower Upper
119 100
91 57.1 31.2 93.6
134 22.5 11.7 35.0

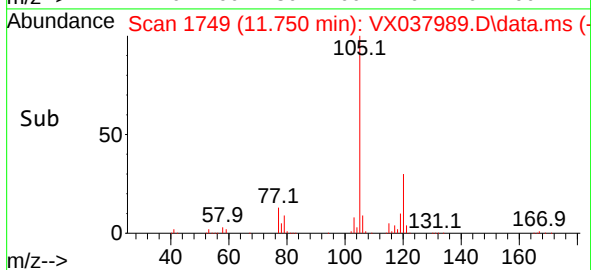
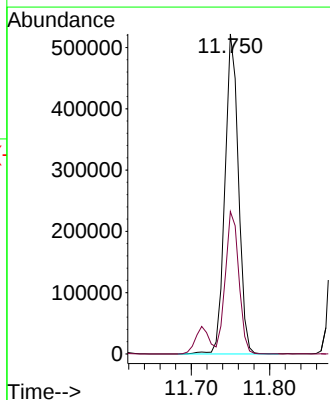
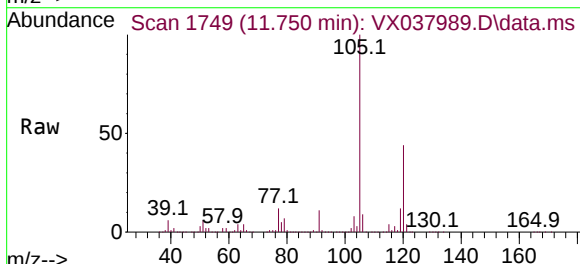
Manual Integrations
APPROVED

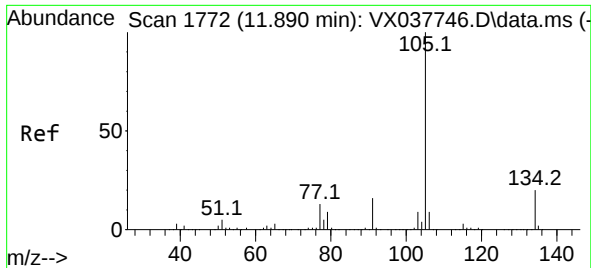
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.884 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

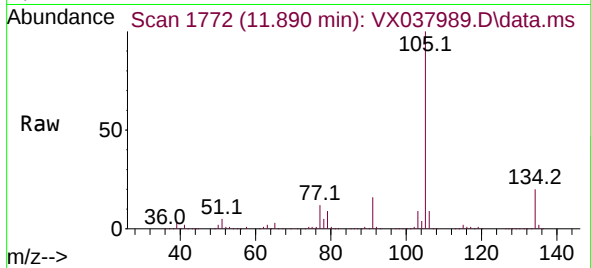
Tgt Ion:105 Resp: 626781
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.407 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037989.D
 Acq: 29 Sep 2023 20:24

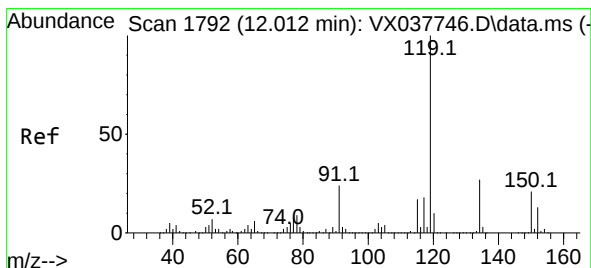
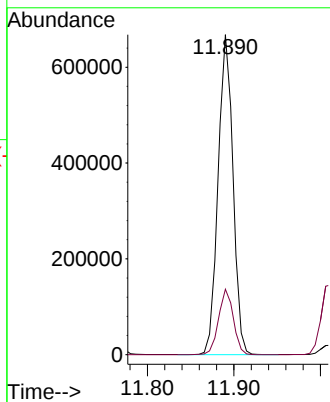
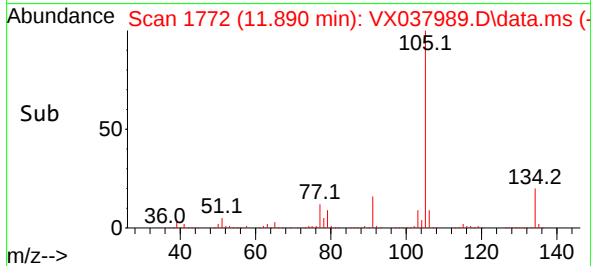
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 796479
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

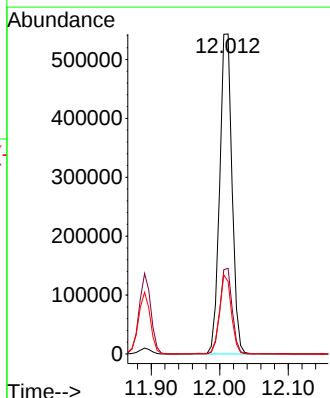
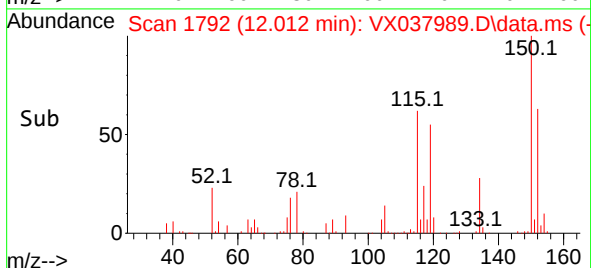
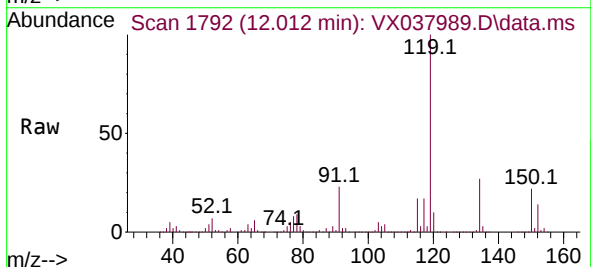
Manual Integrations
 APPROVED

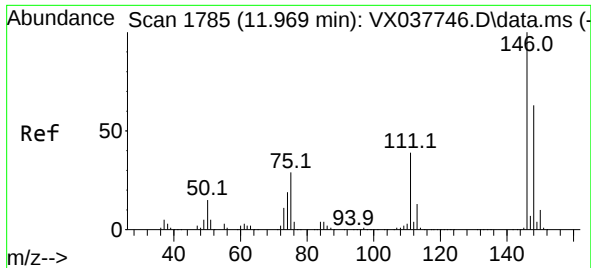
Reviewed By :John Carlone 09/30/2023
 Supervised By :Mahesh Dadoda 10/02/2023



#86
 p-Isopropyltoluene
 Concen: 51.254 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037989.D
 Acq: 29 Sep 2023 20:24

Tgt Ion:119 Resp: 674737
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 23.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.126 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 359958

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.1

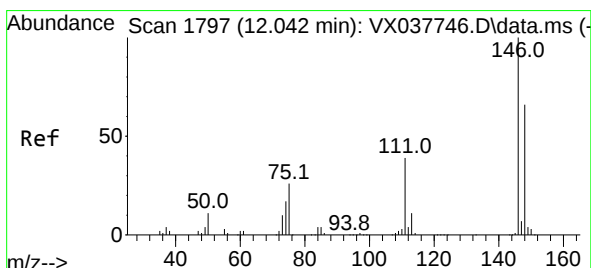
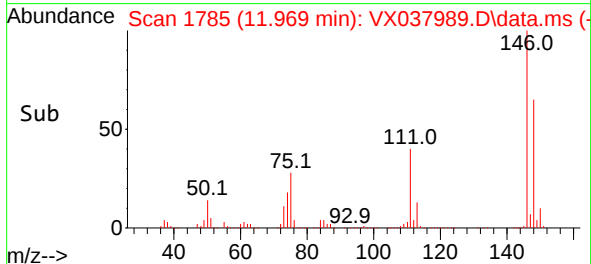
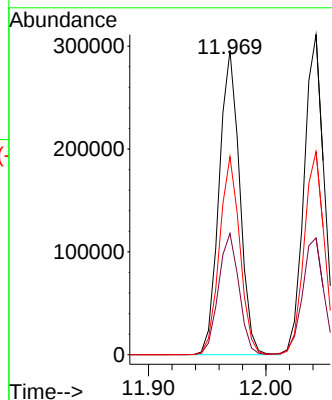
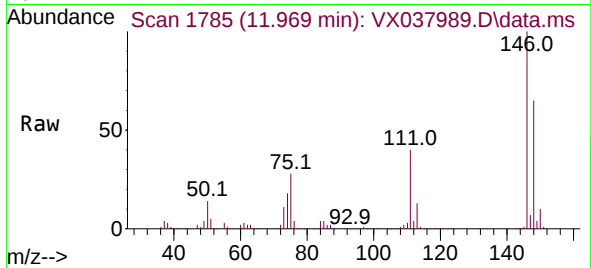
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#88

1,4-Dichlorobenzene

Concen: 51.198 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

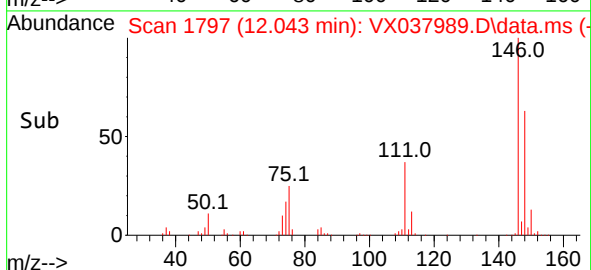
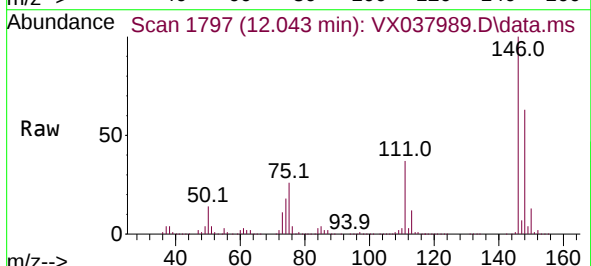
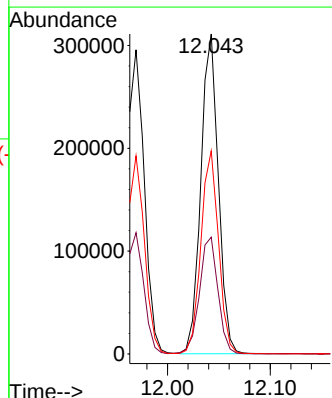
Tgt Ion:146 Resp: 368857

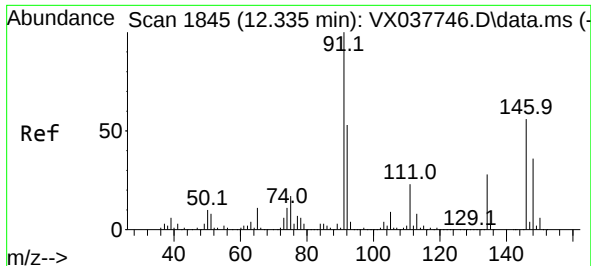
Ion Ratio Lower Upper

146 100

111 38.6 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 54.390 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

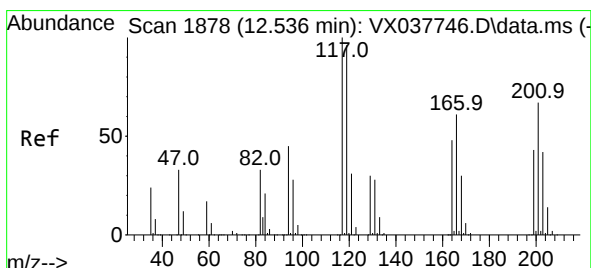
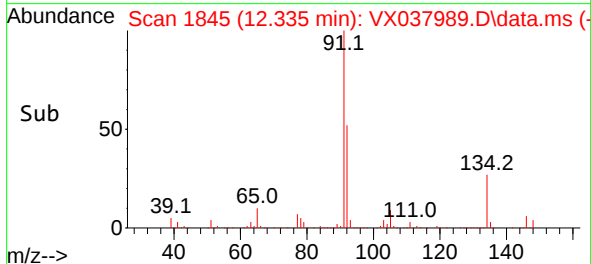
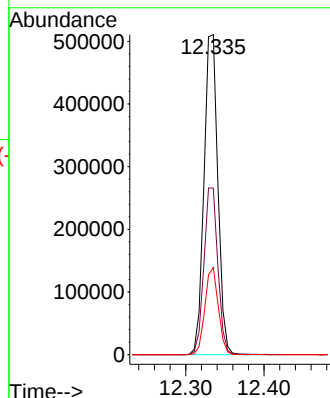
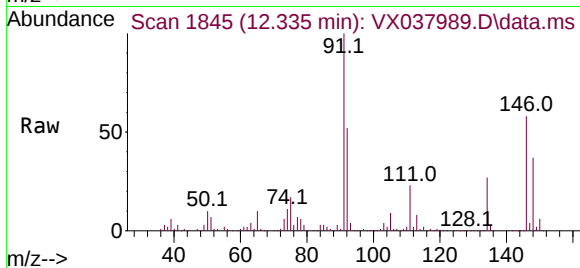
Tgt Ion: 91	Resp: 627264
Ion Ratio	Lower Upper
91	100
92	52.4 27.4 82.0
134	26.2 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/30/2023

Supervised By :Mahesh Dadoda 10/02/2023



#90

Hexachloroethane

Concen: 49.755 ug/l

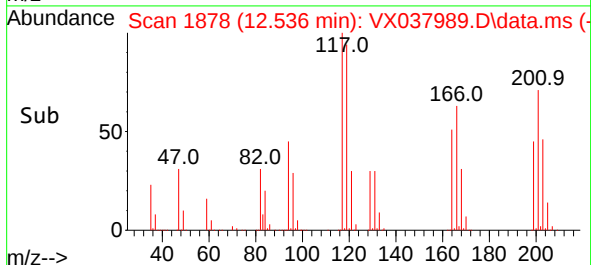
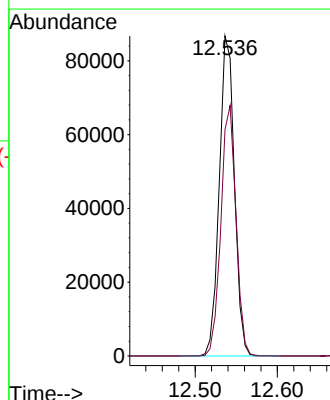
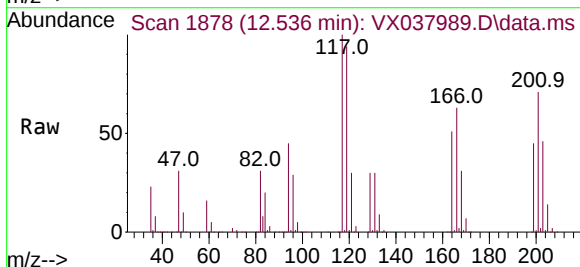
RT: 12.536 min Scan# 1878

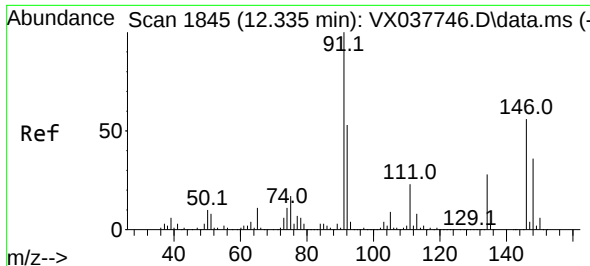
Delta R.T. -0.000 min

Lab File: VX037989.D

Acq: 29 Sep 2023 20:24

Tgt Ion:117	Resp: 110980
Ion Ratio	Lower Upper
117	100
201	78.1 32.9 98.6





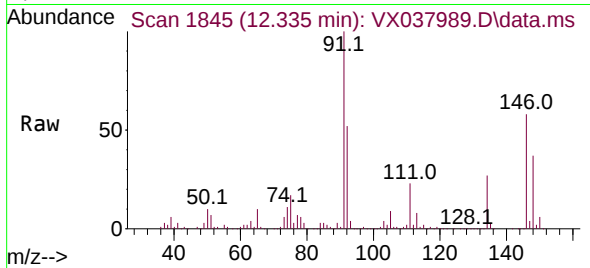
#91
1,2-Dichlorobenzene
Concen: 49.816 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



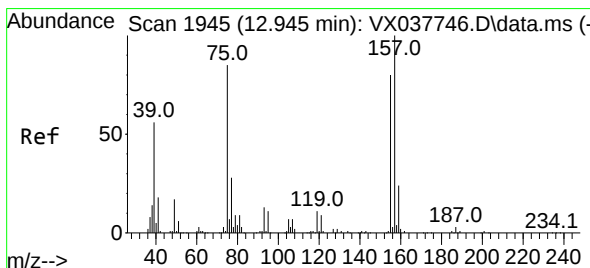
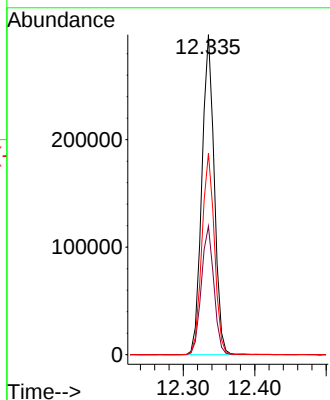
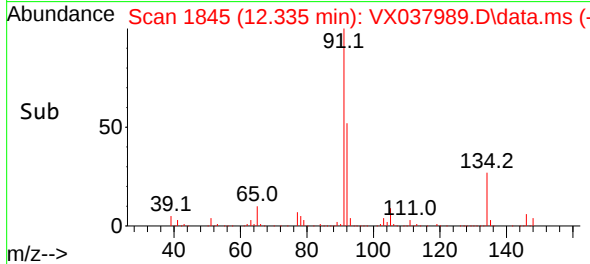
Tgt Ion:146 Resp: 358088
Ion Ratio Lower Upper
146 100
111 40.5 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations

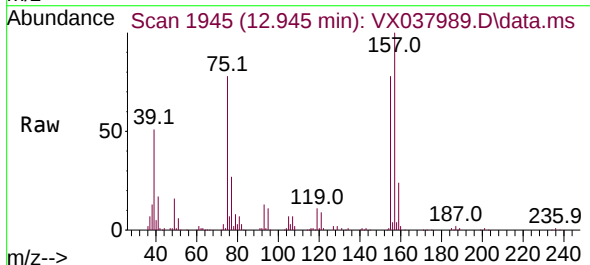
APPROVED

Reviewed By :John Carlone 09/30/2023

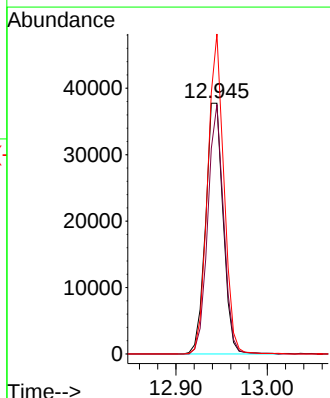
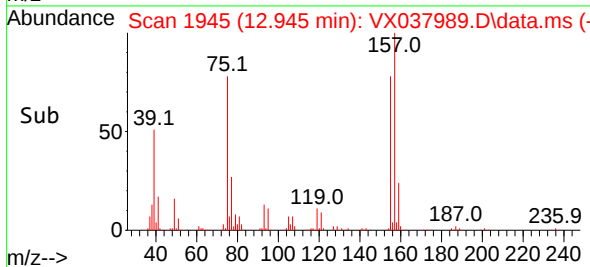
Supervised By :Mahesh Dadoda 10/02/2023

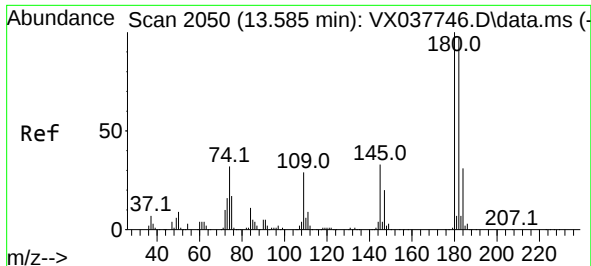


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.779 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24



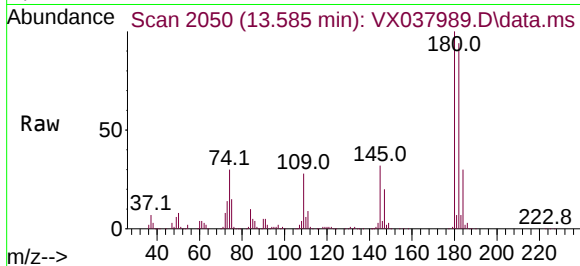
Tgt Ion: 75 Resp: 50043
Ion Ratio Lower Upper
75 100
155 90.2 36.1 108.5
157 118.2 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 57.334 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

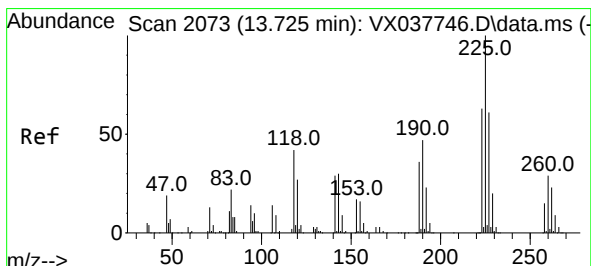
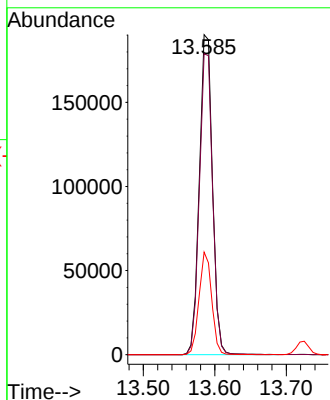
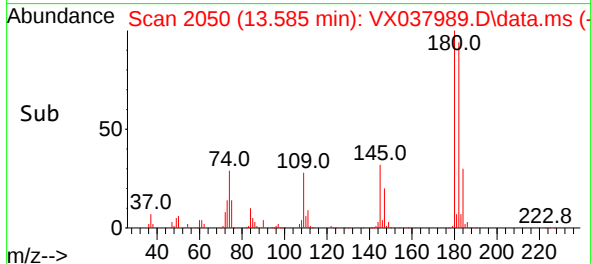
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 24276
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.8
145 30.8 18.0 54.0

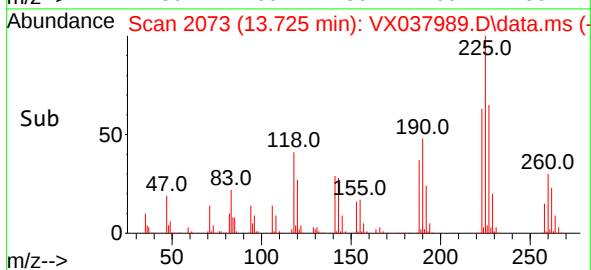
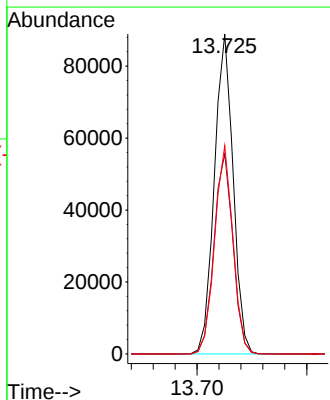
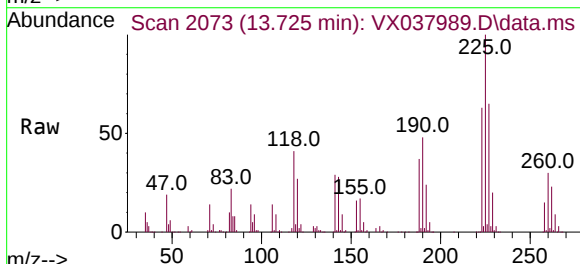
Manual Integrations
APPROVED

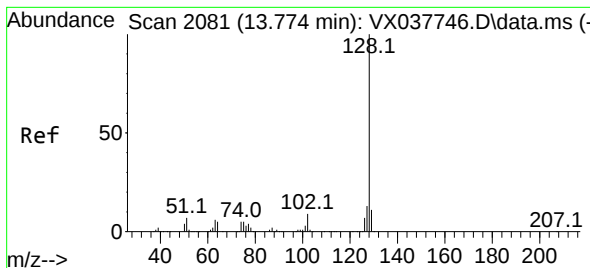
Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#94
Hexachlorobutadiene
Concen: 53.522 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

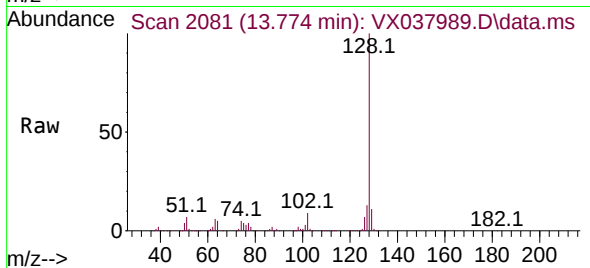
Tgt Ion:225 Resp: 105832
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 52.248 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

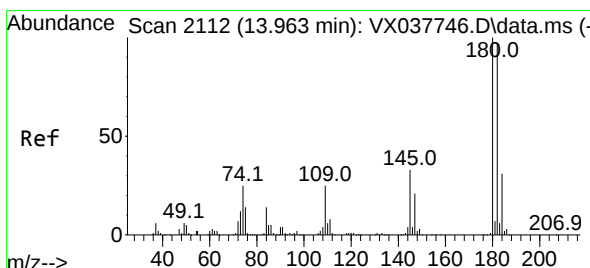
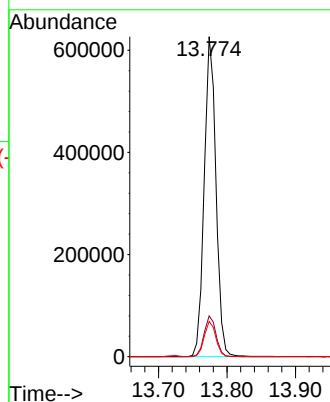
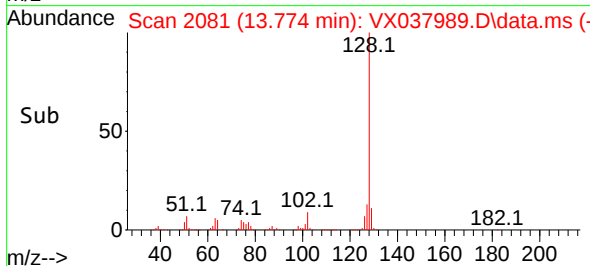
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 748205
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2023
Supervised By :Mahesh Dadoda 10/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.623 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037989.D
Acq: 29 Sep 2023 20:24

Tgt Ion:180 Resp: 238016
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 32.4 17.8 53.5

