

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090823\
 Data File : VX037614.D
 Acq On : 08 Sep 2023 20:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 05:00:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 03:56:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/09/2023
 Supervised By : Mahesh Dadoda 09/11/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252224	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101205	55.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.020%			
35) Dibromofluoromethane	5.385	113	91045	51.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	8.653	98	326202	50.414	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.820%			
62) 4-Bromofluorobenzene	11.079	95	125409	51.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56084	40.912	ug/l	100
3) Chloromethane	1.307	50	80644	52.551	ug/l	97
4) Vinyl Chloride	1.374	62	76272	48.247	ug/l	99
5) Bromomethane	1.593	94	36255	51.755	ug/l	99
6) Chloroethane	1.672	64	42663	50.374	ug/l	99
7) Trichlorofluoromethane	1.880	101	97812	45.525	ug/l	99
8) Diethyl Ether	2.136	74	52797	55.288	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	57970	40.340	ug/l	95
10) Methyl Iodide	2.447	142	103127	55.330	ug/l	91
11) Tert butyl alcohol	2.971	59	125298	307.102	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	68410	47.163	ug/l	82
13) Acrolein	2.239	56	105635	263.345	ug/l	98
14) Allyl chloride	2.660	41	110242	54.200	ug/l #	85
15) Acrylonitrile	3.062	53	245521	276.015	ug/l	98
16) Acetone	2.386	43	189963	253.348	ug/l #	84
17) Carbon Disulfide	2.508	76	158620	43.663	ug/l	98
18) Methyl Acetate	2.703	43	169087	55.583	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	287691	55.943	ug/l	97
20) Methylene Chloride	2.788	84	95750	55.420	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	81358	50.212	ug/l	86
22) Diisopropyl ether	3.763	45	241623	56.098	ug/l #	81
23) Vinyl Acetate	3.721	43	891705	290.007	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	151947	54.136	ug/l	97
25) 2-Butanone	4.562	43	303863	267.209	ug/l #	84
26) 2,2-Dichloropropane	4.477	77	94488	45.665	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	103676	53.694	ug/l	83
28) Bromochloromethane	4.897	49	68750	56.115	ug/l #	69
29) Tetrahydrofuran	5.007	42	198982	273.135	ug/l #	80
30) Chloroform	5.092	83	164692	54.687	ug/l	98
31) Cyclohexane	5.470	56	91830	41.393	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	132973	51.266	ug/l	94
36) 1,1-Dichloropropene	5.696	75	99137	42.537	ug/l	95
37) Ethyl Acetate	4.721	43	118276	49.496	ug/l #	90
38) Carbon Tetrachloride	5.678	117	109847	45.604	ug/l	98
39) Methylcyclohexane	7.385	83	103830	36.537	ug/l	88
40) Benzene	6.037	78	358221	49.954	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	63546	52.202	ug/l #	83
42) 1,2-Dichloroethane	6.086	62	122178	50.881	ug/l	91
43) Isopropyl Acetate	6.342	43	187812	52.474	ug/l #	87
44) Trichloroethene	7.129	130	91436	46.419	ug/l	92
45) 1,2-Dichloropropane	7.434	63	90969	51.799	ug/l	99
46) Dibromomethane	7.580	93	68655	52.090	ug/l	92
47) Bromodichloromethane	7.824	83	128157	53.212	ug/l	98
48) Methyl methacrylate	7.696	41	92282	53.872	ug/l #	76
49) 1,4-Dioxane	7.665	88	57271	1065.563	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	596096	261.874	ug/l #	85
52) Toluene	8.720	92	231253	49.649	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	131964	52.770	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	145541	52.309	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	100907	52.106	ug/l	97
56) Ethyl methacrylate	9.116	69	155047	54.949	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	165811	51.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	356145	249.467	ug/l	91
59) 2-Hexanone	9.433	43	458126	263.881	ug/l	83
60) Dibromochloromethane	9.525	129	105616	54.774	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108363	52.253	ug/l	100
64) Tetrachloroethene	9.275	164	72552	43.735	ug/l	98
65) Chlorobenzene	10.079	112	253133	48.635	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	97740	52.988	ug/l	99
67) Ethyl Benzene	10.195	91	431682	48.793	ug/l	99
68) m/p-Xylenes	10.305	106	344269	98.920	ug/l	95
69) o-Xylene	10.640	106	174966	50.561	ug/l	96
70) Styrene	10.659	104	292678	52.021	ug/l	96
71) Bromoform	10.799	173	78779	53.246	ug/l #	99
73) Isopropylbenzene	10.963	105	426315	47.546	ug/l	98
74) N-amyl acetate	10.841	43	166910	54.003	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	160794	51.604	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	143363m	51.194	ug/l	
77) Bromobenzene	11.201	156	111288	50.143	ug/l	89
78) n-propylbenzene	11.305	91	468844	47.018	ug/l	98
79) 2-Chlorotoluene	11.366	91	311664	49.190	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	372607	48.993	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44901	49.230	ug/l #	82
82) 4-Chlorotoluene	11.457	91	346409	48.490	ug/l	96
83) tert-Butylbenzene	11.713	119	377816	49.275	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	380127	49.992	ug/l	96
85) sec-Butylbenzene	11.890	105	424595	45.935	ug/l	98
86) p-Isopropyltoluene	12.012	119	370243	47.296	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	201840	47.798	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	200664	46.711	ug/l	99
89) n-Butylbenzene	12.335	91	288883	44.913	ug/l	99
90) Hexachloroethane	12.542	117	67947	51.079	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	206778	49.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34488	51.986	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	118749	46.674	ug/l	98
94) Hexachlorobutadiene	13.725	225	43101	38.378	ug/l	99
95) Naphthalene	13.774	128	459045	51.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	123337	46.932	ug/l	98

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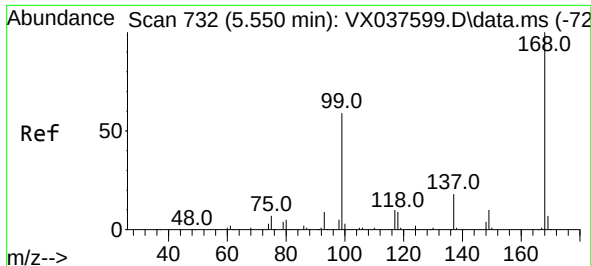
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/11/2023

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QLast Update : Sat Sep 09 03:56:07 2023
Response via : Initial Calibration

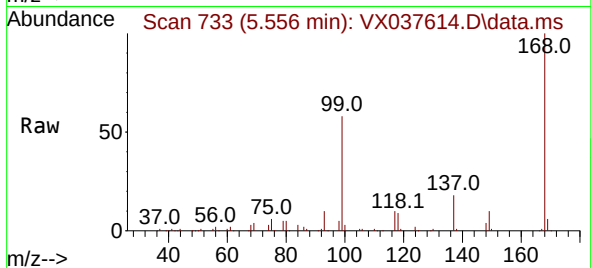
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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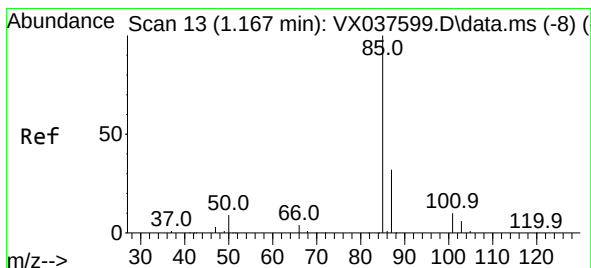
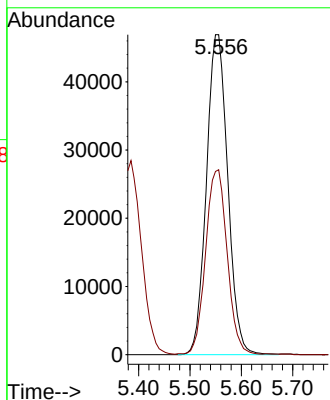
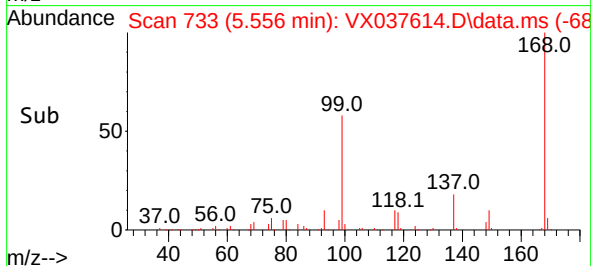
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13507
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0

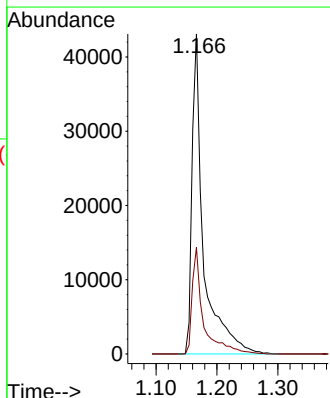
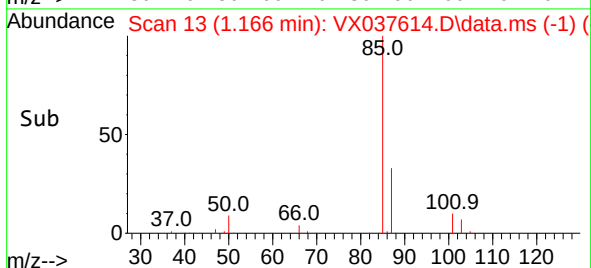
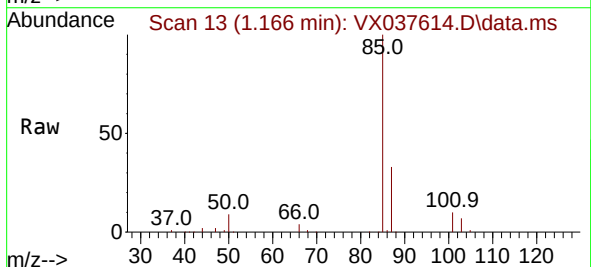
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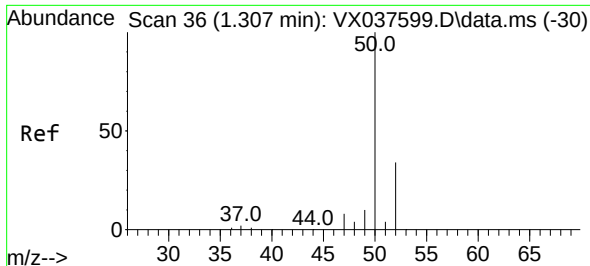
Reviewed By :John Carlone 09/09/2023
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#2
Dichlorodifluoromethane
Concen: 40.912 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 85 Resp: 56084
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.1





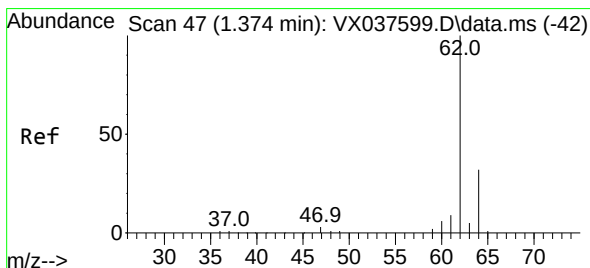
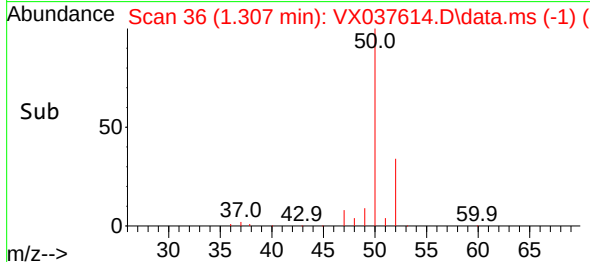
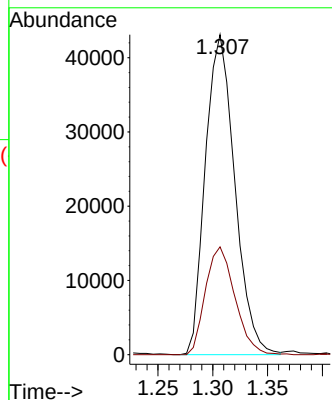
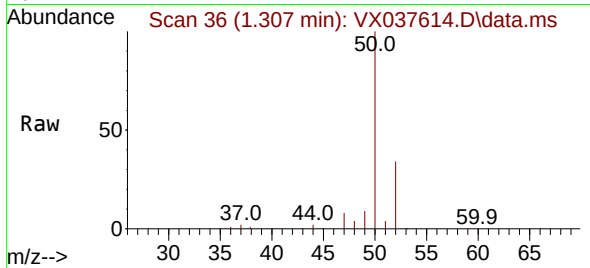
#3
Chloromethane
Concen: 52.551 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

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Tgt Ion: 50 Resp: 80644
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

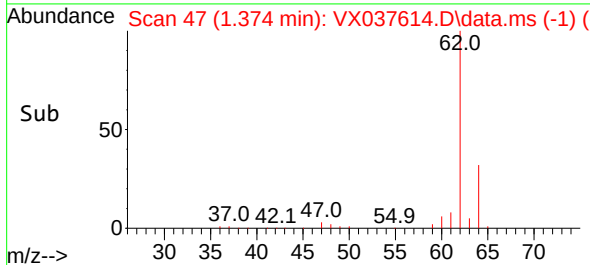
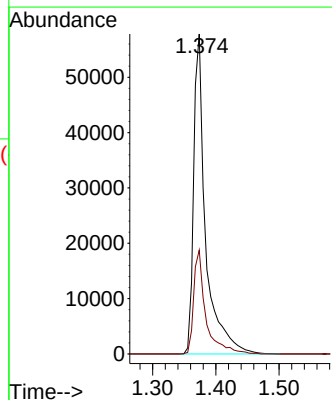
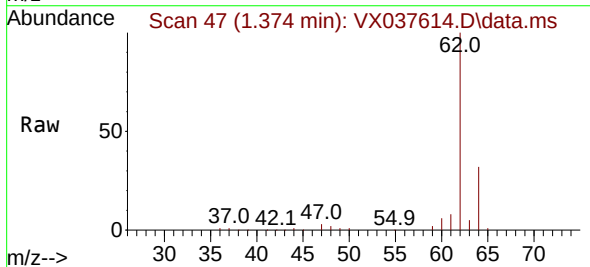
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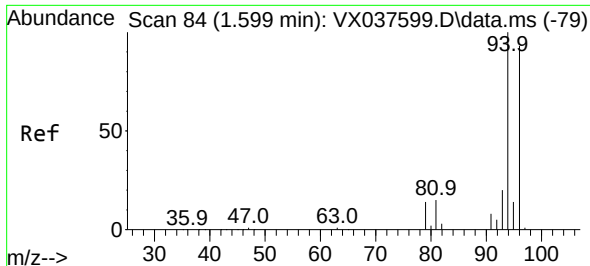
Reviewed By :John Carlone 09/09/2023
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#4
Vinyl Chloride
Concen: 48.247 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

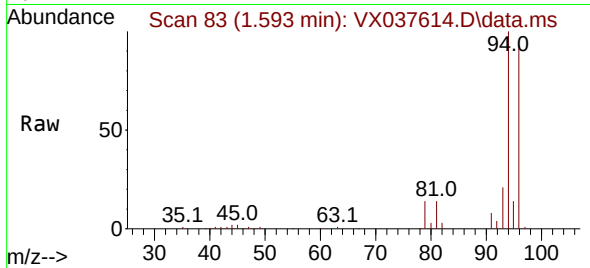
Tgt Ion: 62 Resp: 76272
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 51.755 ug/l
RT: 1.593 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

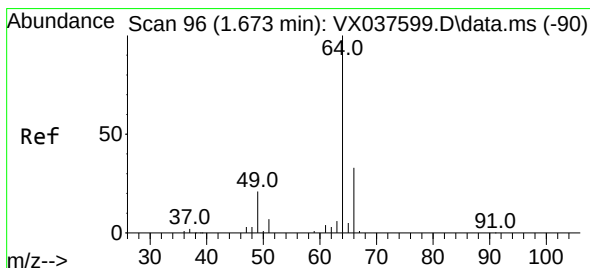
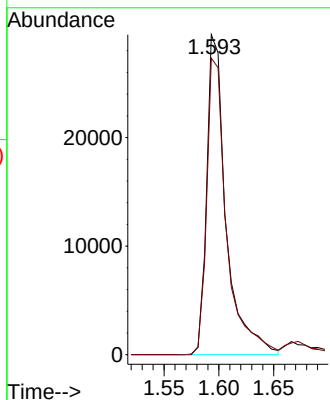
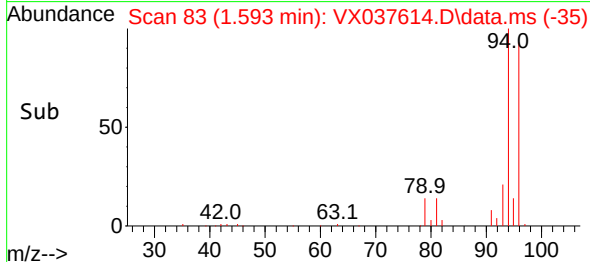
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Tgt Ion: 94 Resp: 3625
Ion Ratio Lower Upper
94 100
96 92.6 74.6 111.8

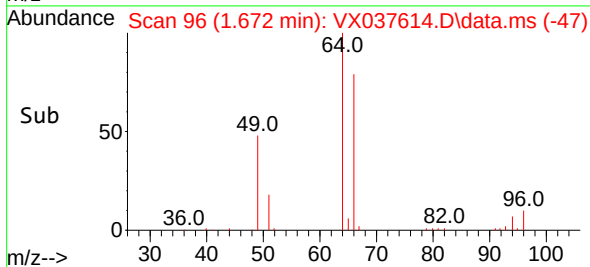
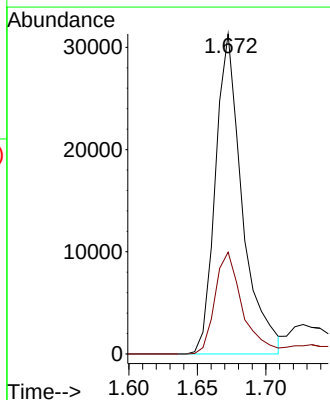
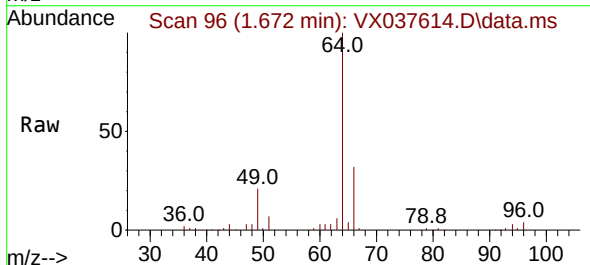
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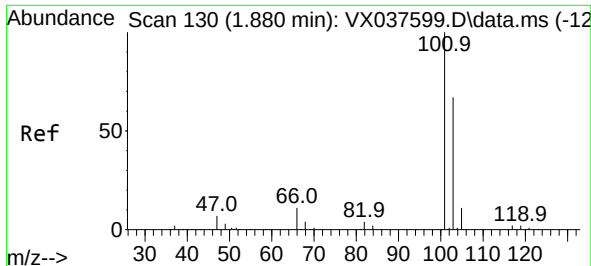
Reviewed By :John Carlone 09/09/2023
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#6
Chloroethane
Concen: 50.374 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.001 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 64 Resp: 42663
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





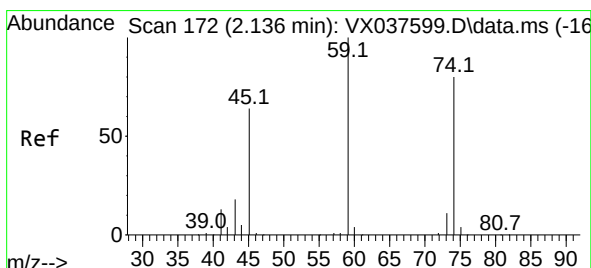
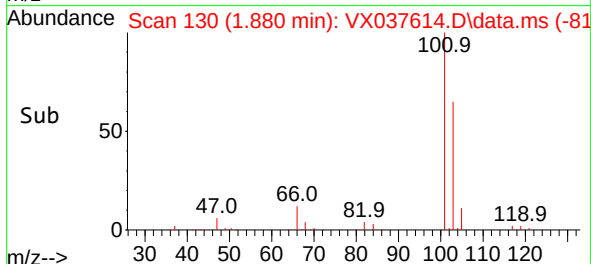
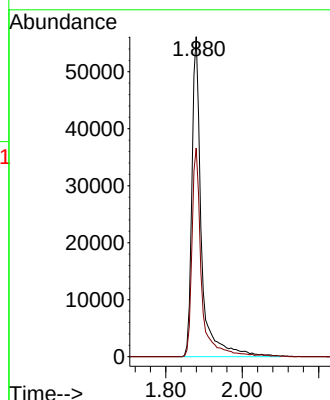
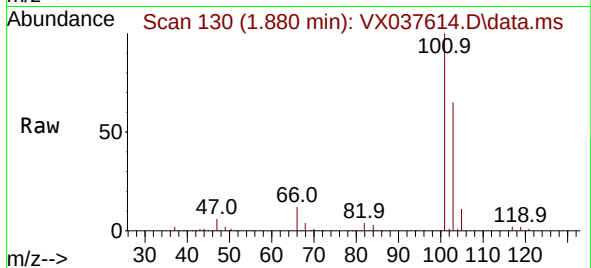
#7
Trichlorofluoromethane
Concen: 45.525 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9781
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

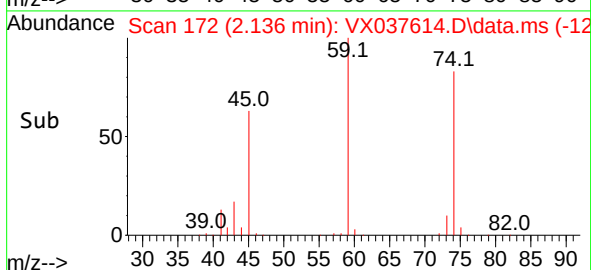
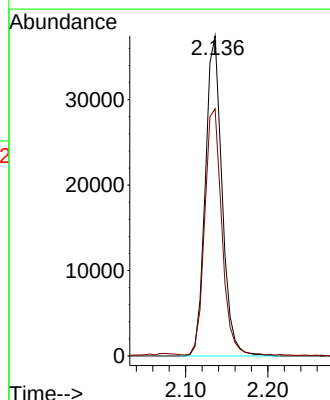
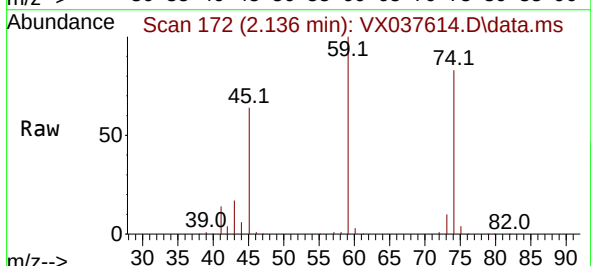
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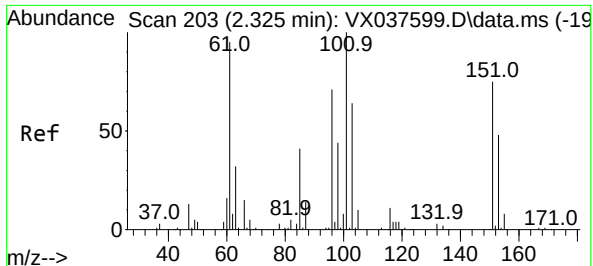
Reviewed By :John Carlone 09/09/2023
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#8
Diethyl Ether
Concen: 55.288 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Acq: 08 Sep 2023 20:16

Tgt Ion: 74 Resp: 52797
Ion Ratio Lower Upper
74 100
45 79.5 53.3 159.8





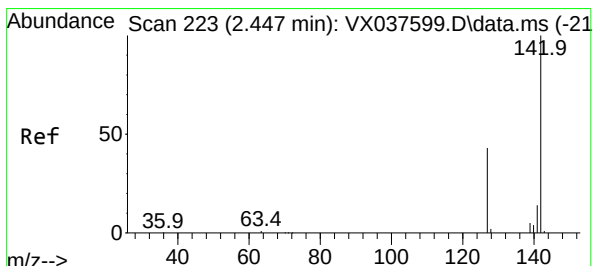
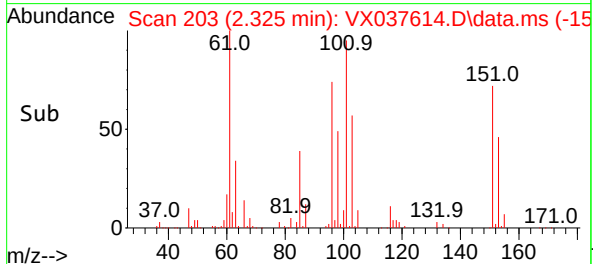
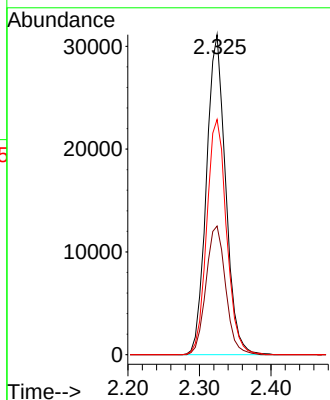
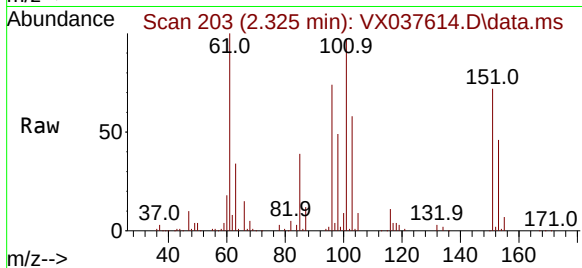
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.340 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 57970
Ion Ratio Lower Upper
101 100
85 41.2 37.0 55.6
151 75.9 58.6 87.8

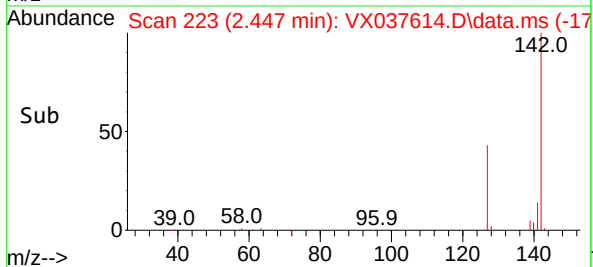
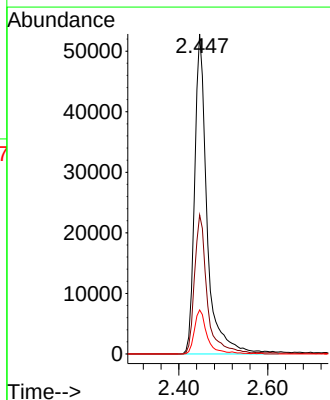
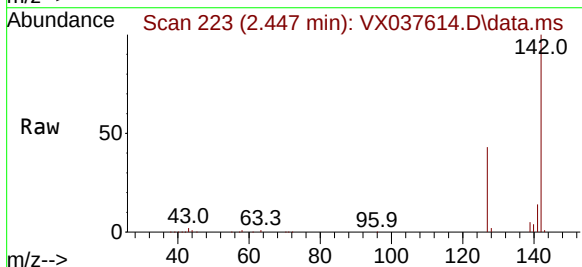
Manual Integrations
APPROVED

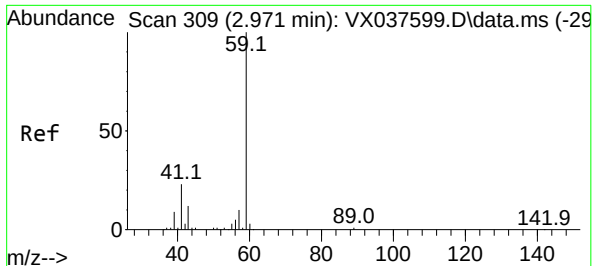
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#10
Methyl Iodide
Concen: 55.330 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

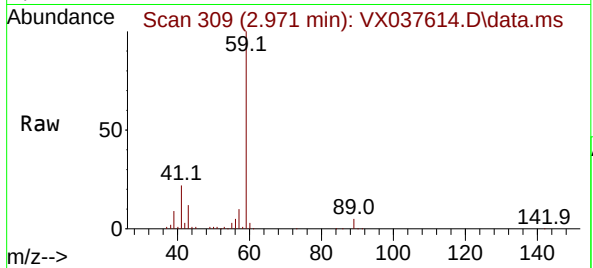
Tgt Ion:142 Resp: 103127
Ion Ratio Lower Upper
142 100
127 44.0 41.6 62.4
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 307.102 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

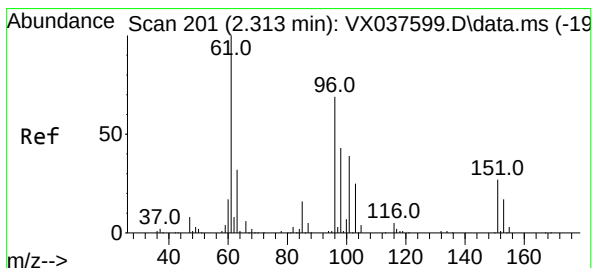
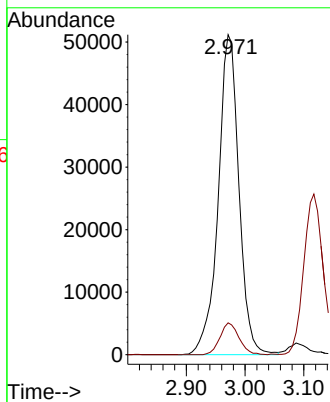
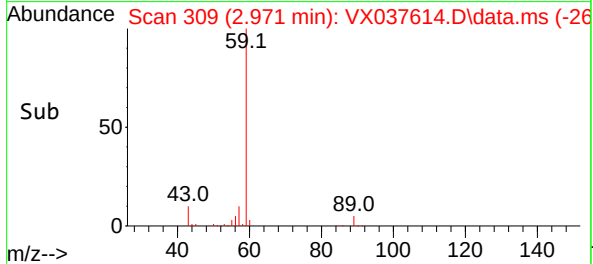
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



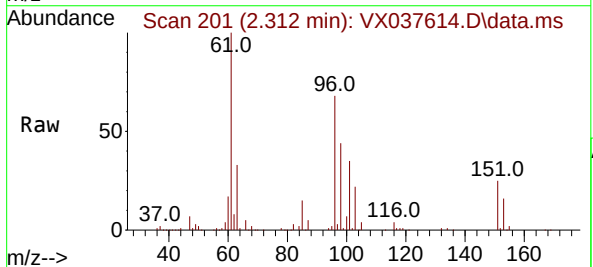
Tgt Ion: 59 Resp: 125298
Ion Ratio Lower Upper
59 100
57 9.1 6.0 9.0

Manual Integrations
APPROVED

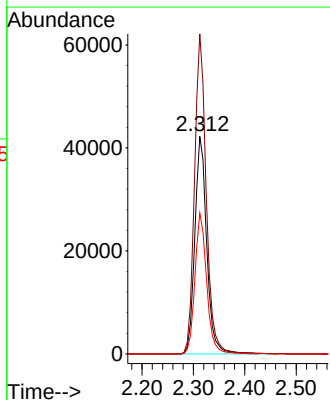
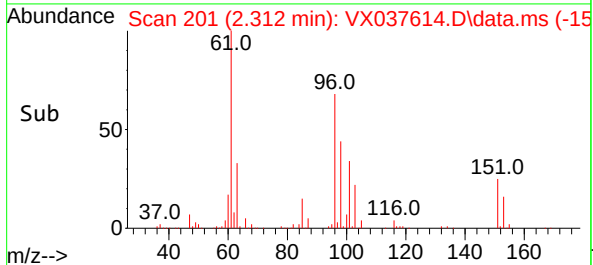
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

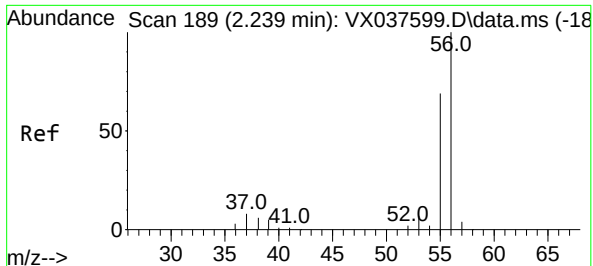


#12
1,1-Dichloroethene
Concen: 47.163 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16



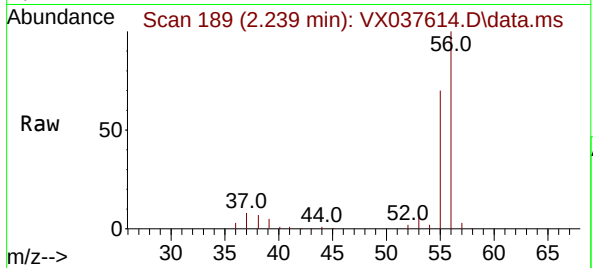
Tgt Ion: 96 Resp: 68410
Ion Ratio Lower Upper
96 100
61 147.1 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 263.345 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

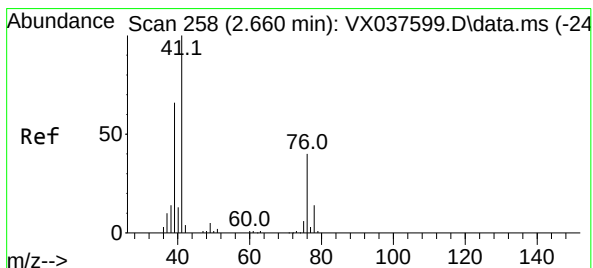
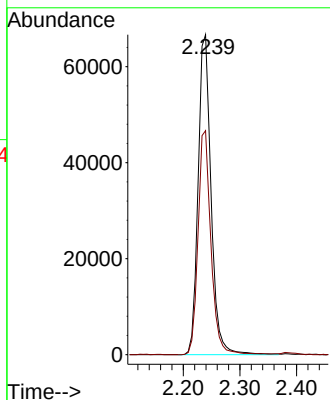
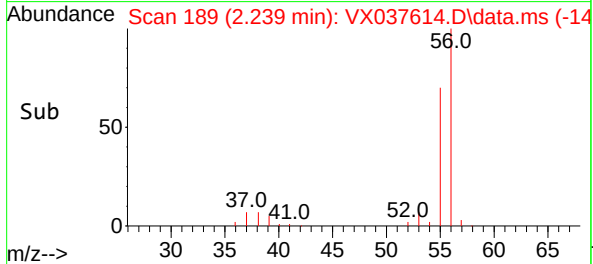
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10563
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

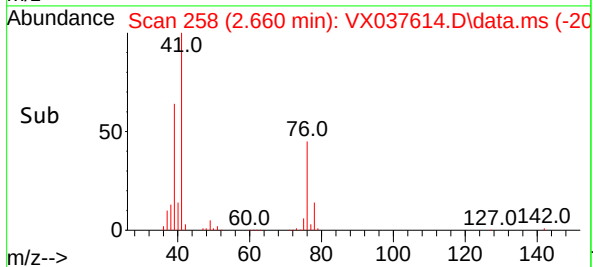
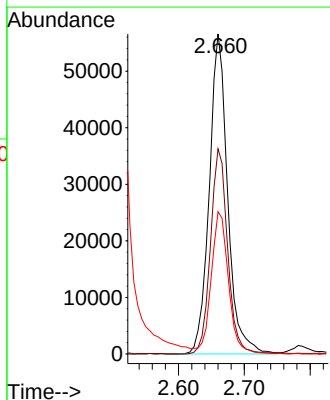
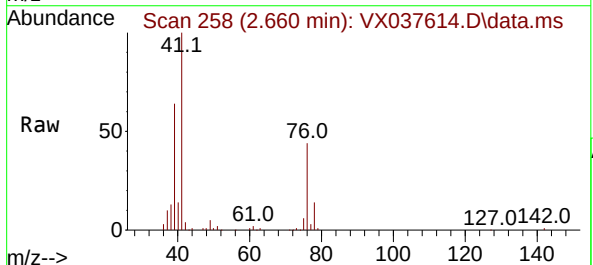
Manual Integrations
APPROVED

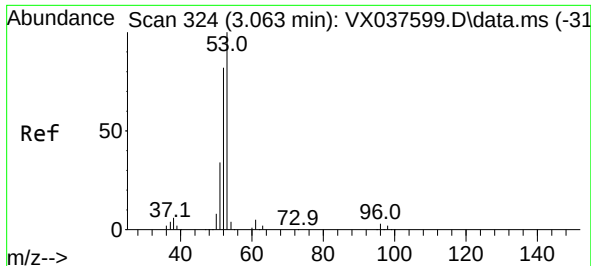
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#14
Allyl chloride
Concen: 54.200 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

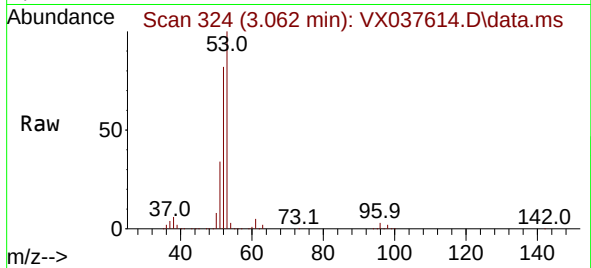
Tgt Ion: 41 Resp: 110242
Ion Ratio Lower Upper
41 100
39 59.9 55.8 83.6
76 41.8 24.3 36.5





#15
Acrylonitrile
Concen: 276.015 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

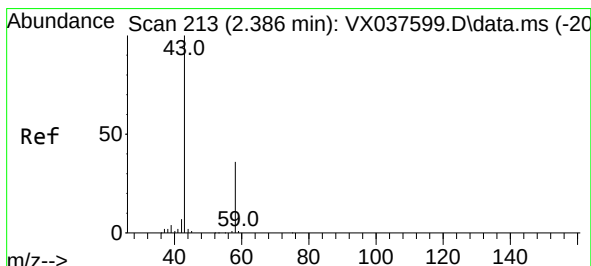
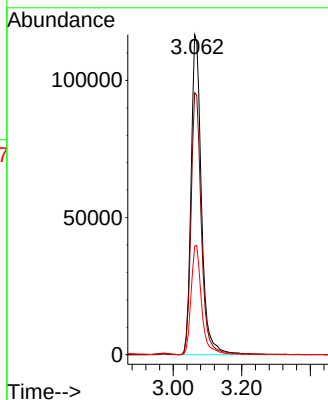
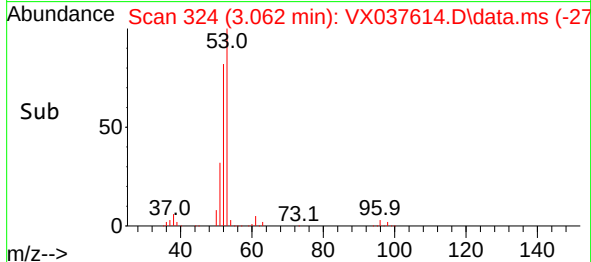
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24552
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 34.8 29.8 44.6

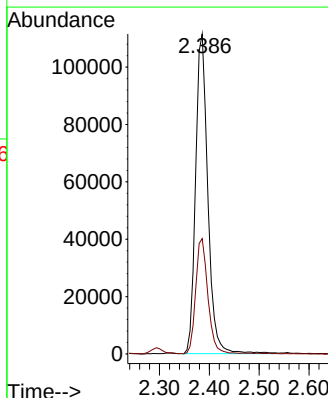
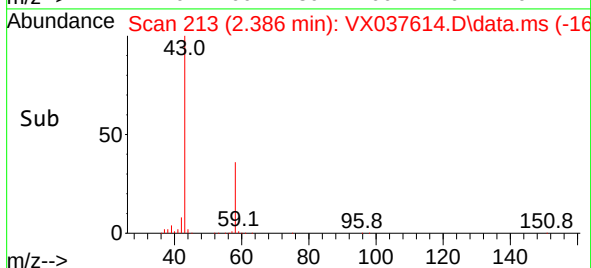
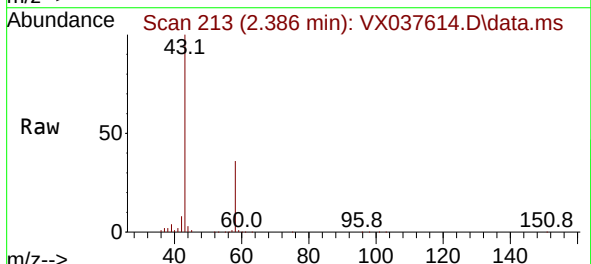
Manual Integrations
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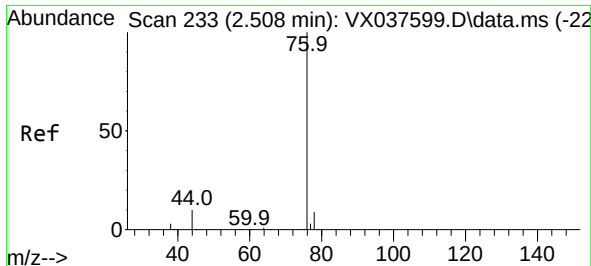
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#16
Acetone
Concen: 253.348 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 43 Resp: 189963
Ion Ratio Lower Upper
43 100
58 35.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 43.663 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 158620

Ion Ratio Lower Upper

76 100

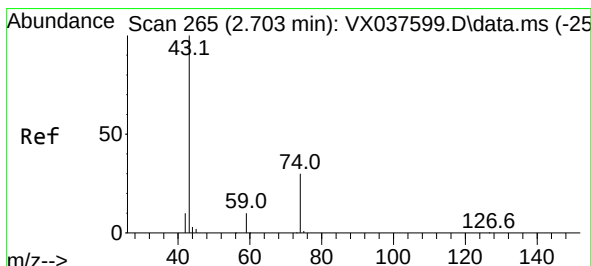
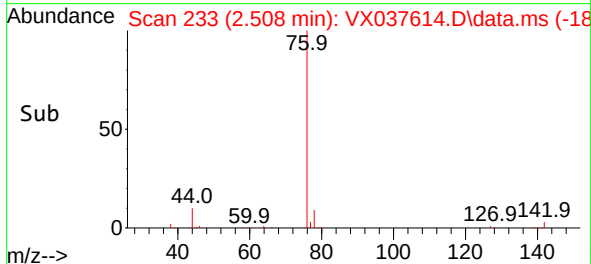
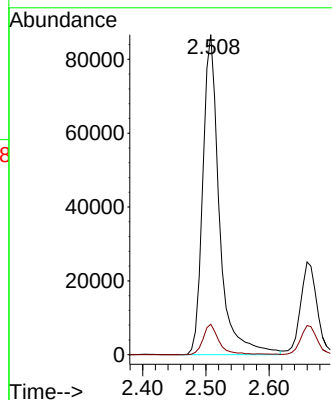
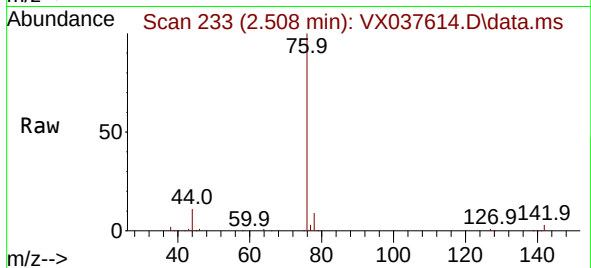
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#18

Methyl Acetate

Concen: 55.583 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX037614.D

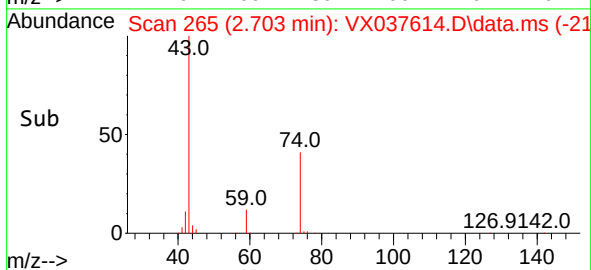
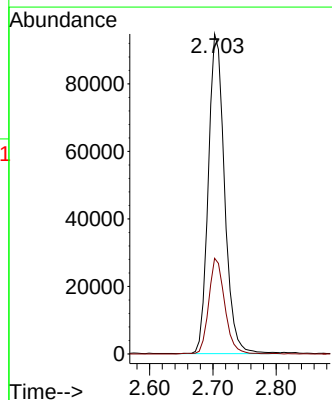
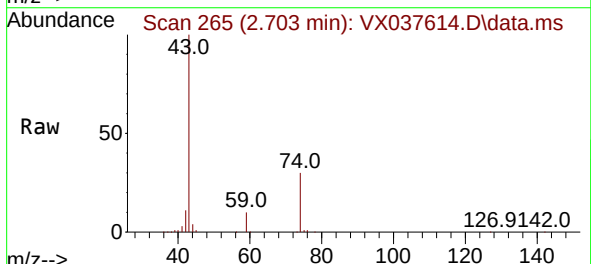
Acq: 08 Sep 2023 20:16

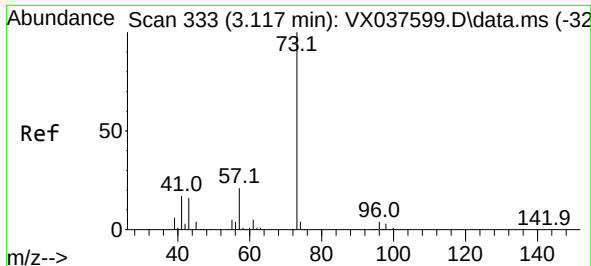
Tgt Ion: 43 Resp: 169087

Ion Ratio Lower Upper

43 100

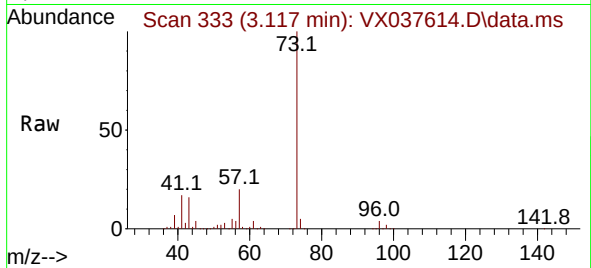
74 29.6 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 55.943 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

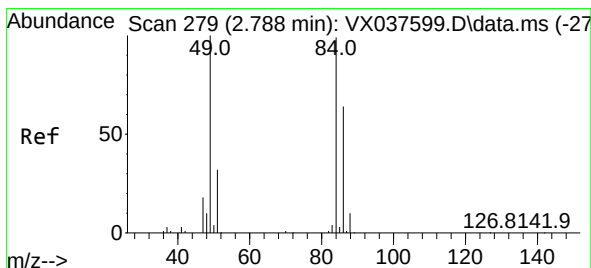
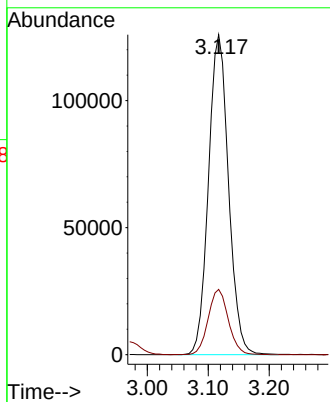
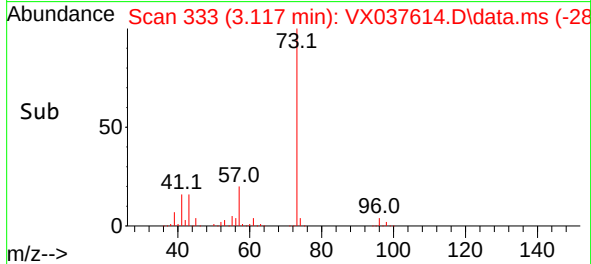
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 28769
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9

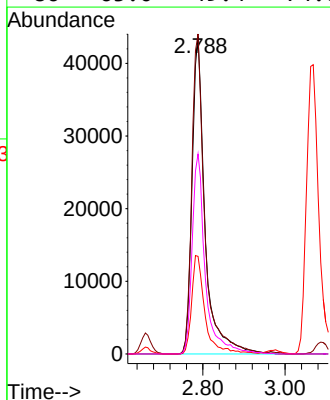
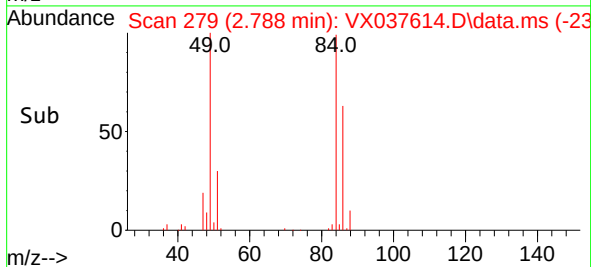
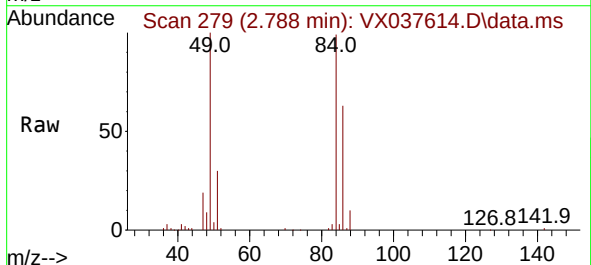
Manual Integrations
APPROVED

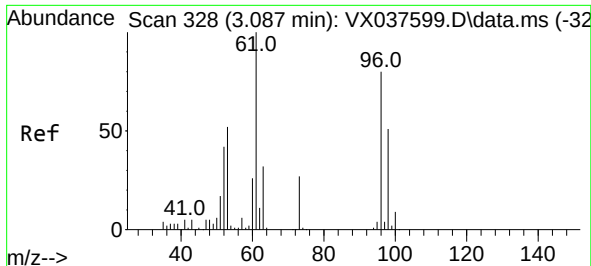
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#20
Methylene Chloride
Concen: 55.420 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

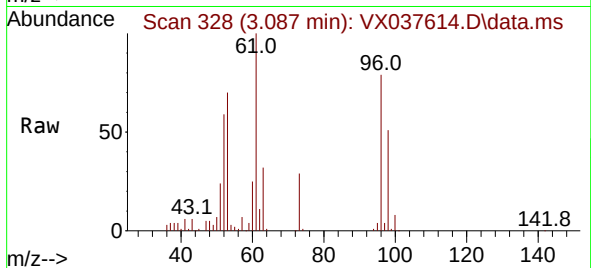
Tgt Ion: 84 Resp: 95750
Ion Ratio Lower Upper
84 100
49 100.7 103.6 155.4#
51 30.7 33.8 50.6#
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.212 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

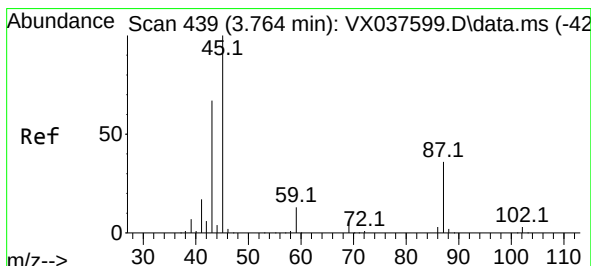
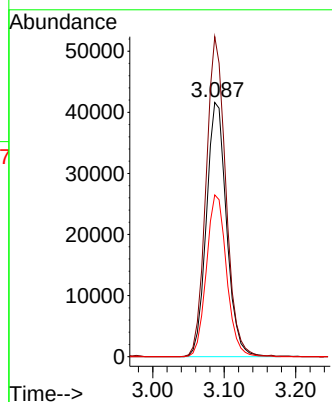
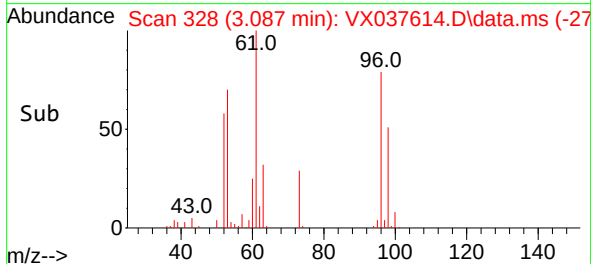
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



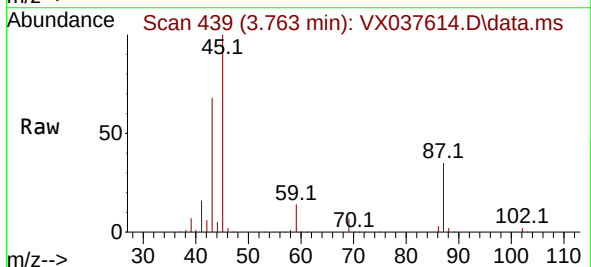
Tgt Ion: 96 Resp: 81358
Ion Ratio Lower Upper
96 100
61 125.8 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
APPROVED

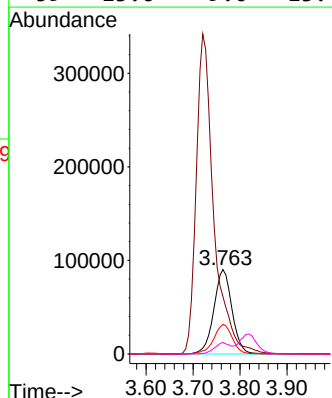
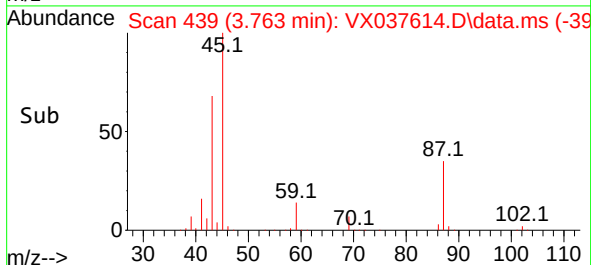
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

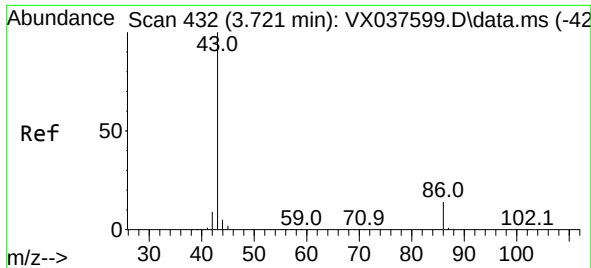


#22
Diisopropyl ether
Concen: 56.098 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16



Tgt Ion: 45 Resp: 241623
Ion Ratio Lower Upper
45 100
43 67.8 69.7 104.5#
87 35.0 20.8 31.2#
59 13.6 9.0 13.4#





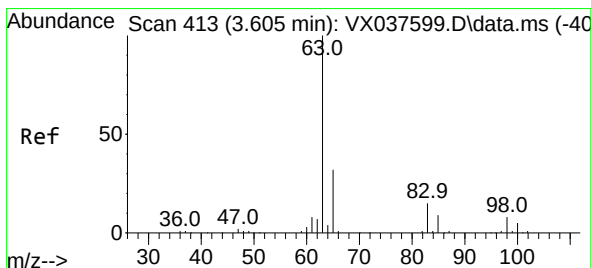
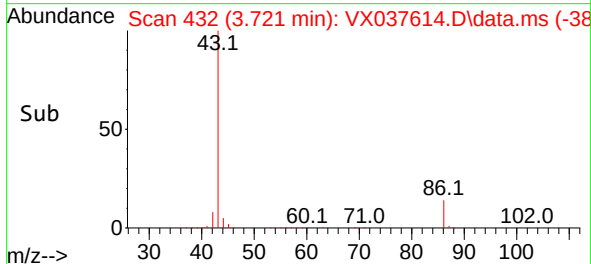
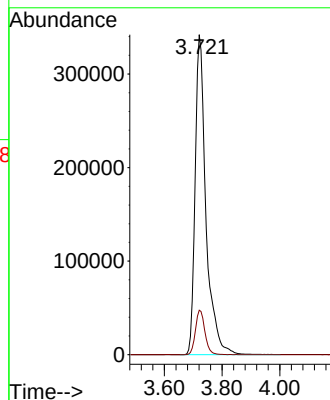
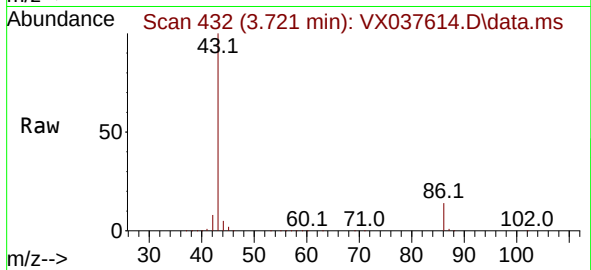
#23
 Vinyl Acetate
 Concen: 290.007 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037614.D
 Acq: 08 Sep 2023 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 891705
 Ion Ratio Lower Upper
 43 100
 86 13.9 7.8 11.8

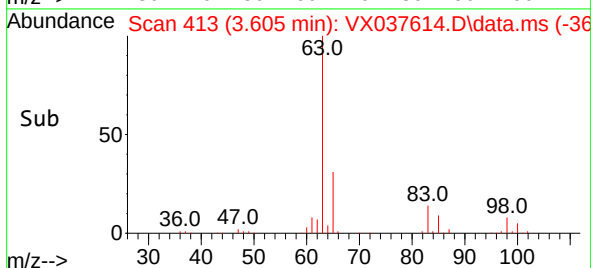
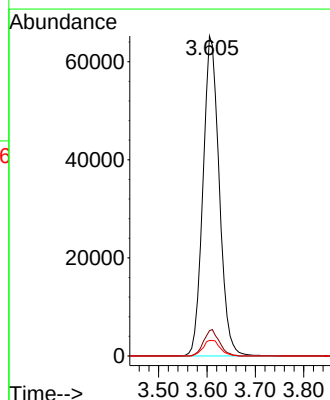
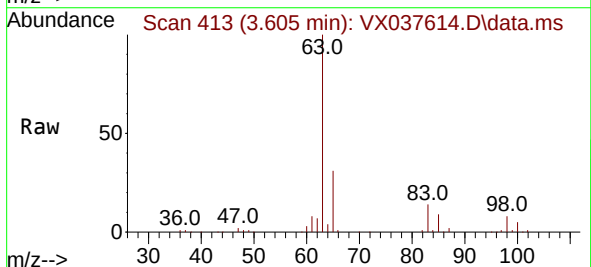
Manual Integrations
 APPROVED

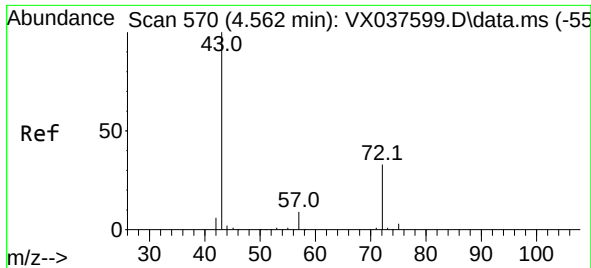
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023



#24
 1,1-Dichloroethane
 Concen: 54.136 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037614.D
 Acq: 08 Sep 2023 20:16

Tgt Ion: 63 Resp: 151947
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.9 2.1 6.5





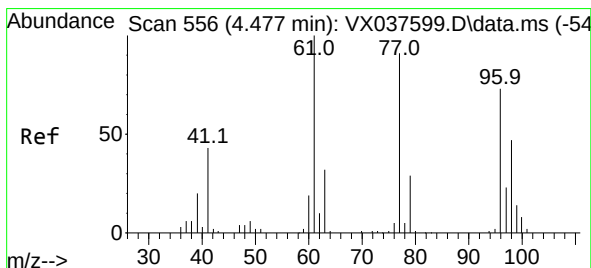
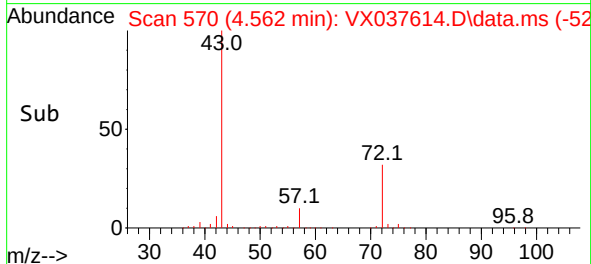
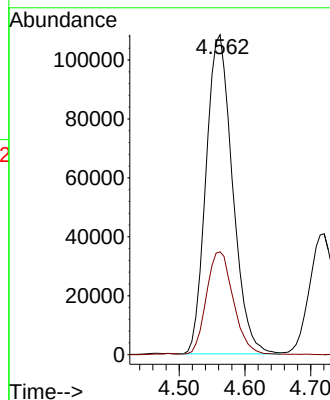
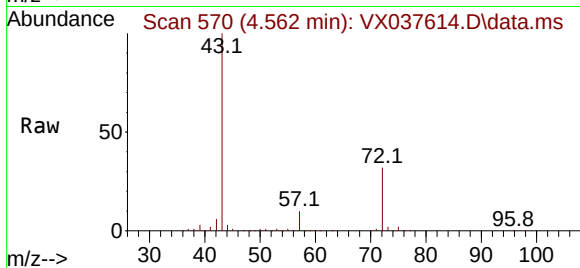
#25
2-Butanone
Concen: 267.209 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30386
Ion Ratio Lower Upper
43 100
72 32.1 19.4 29.2

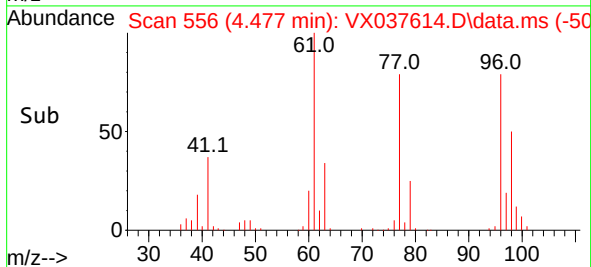
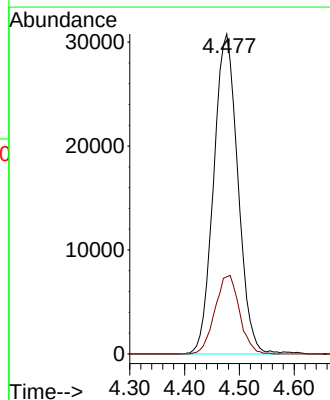
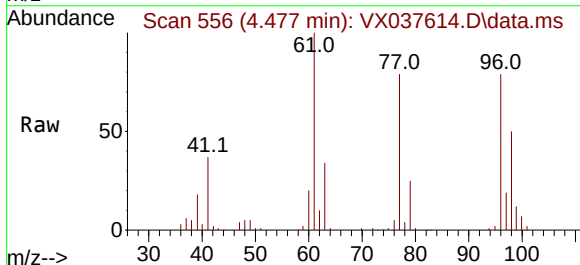
Manual Integrations
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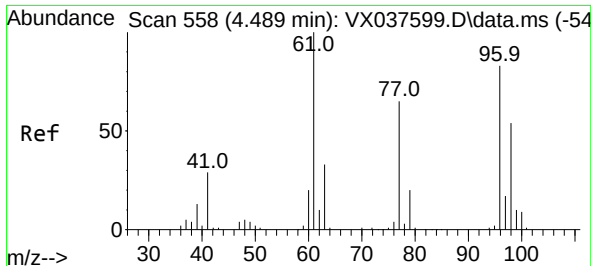
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#26
2,2-Dichloropropane
Concen: 45.665 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 77 Resp: 94488
Ion Ratio Lower Upper
77 100
97 24.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.694 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 103670

Ion Ratio Lower Upper

96 100

61 124.6 0.0 312.2

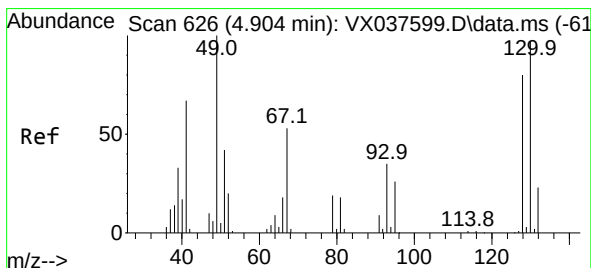
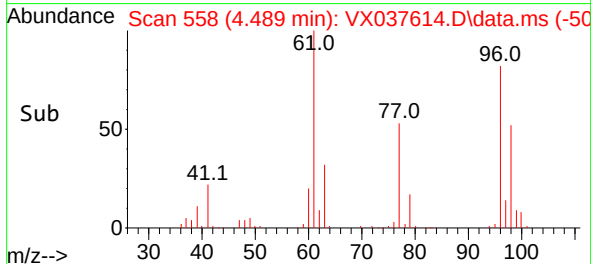
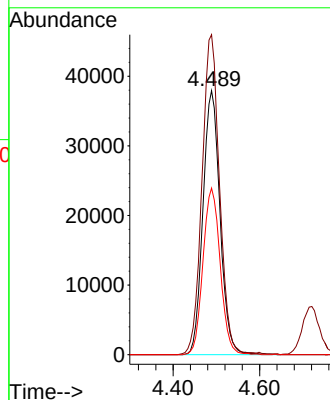
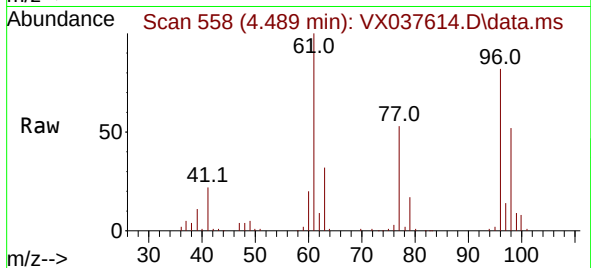
98 63.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#28

Bromochloromethane

Concen: 56.115 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

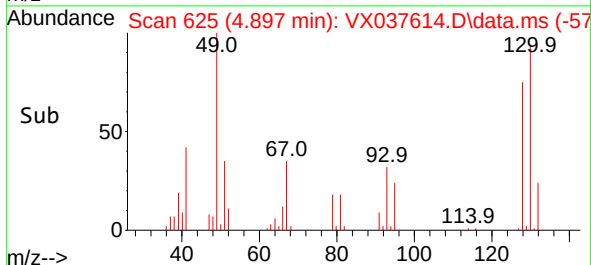
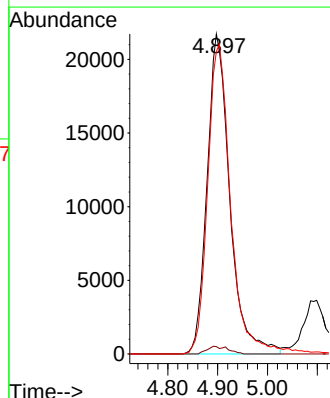
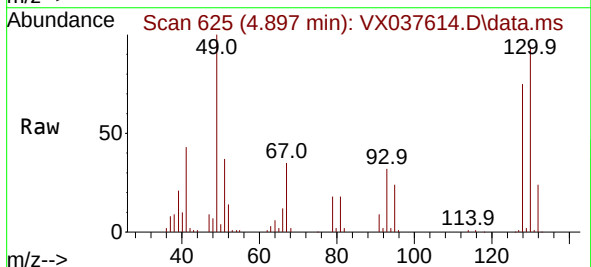
Tgt Ion: 49 Resp: 68750

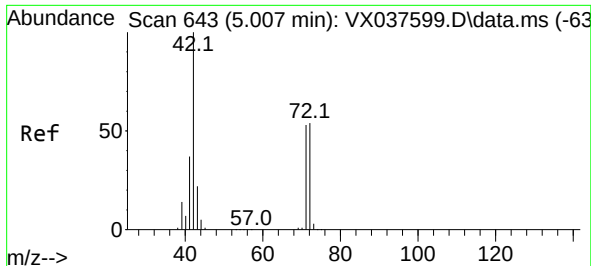
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 98.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 273.135 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19898

Ion Ratio Lower Upper

42 100

72 56.3 34.2 51.4

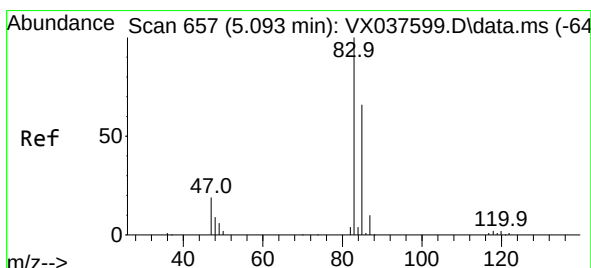
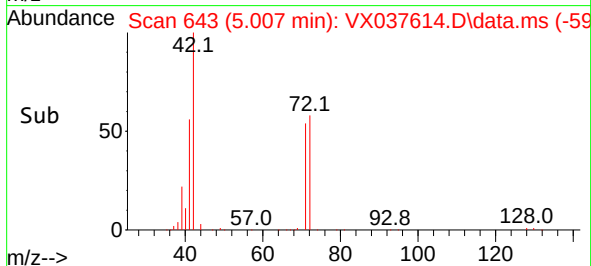
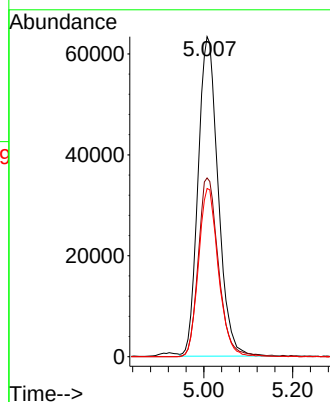
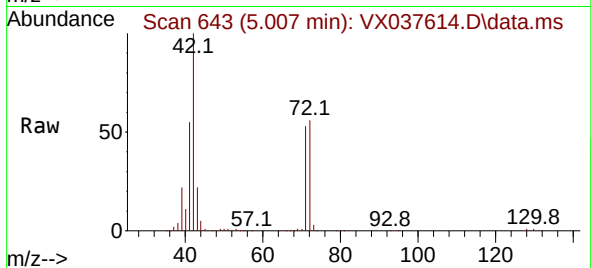
71 52.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#30

Chloroform

Concen: 54.687 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037614.D

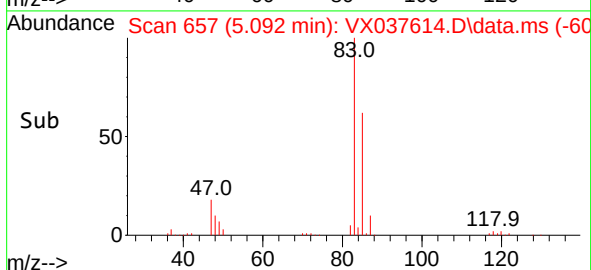
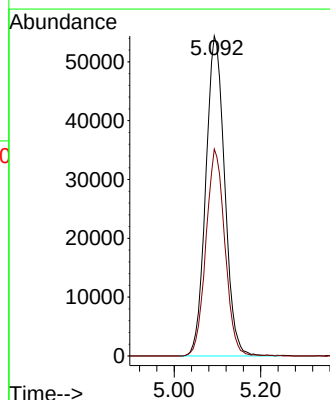
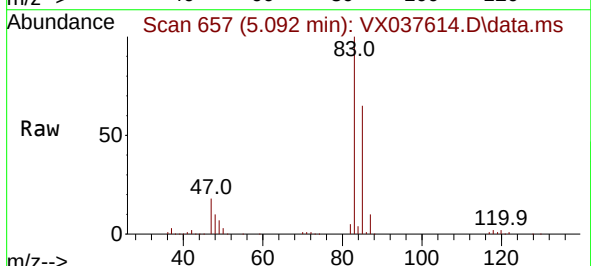
Acq: 08 Sep 2023 20:16

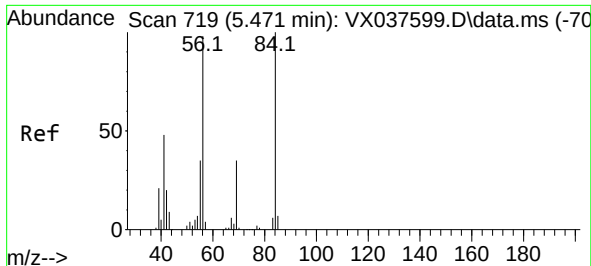
Tgt Ion: 83 Resp: 164692

Ion Ratio Lower Upper

83 100

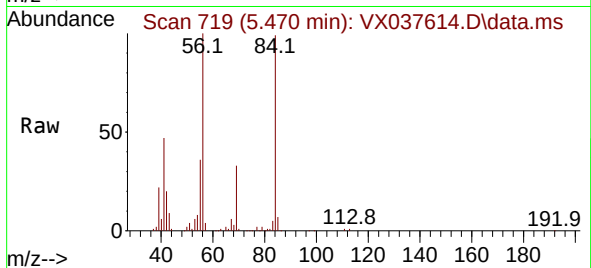
85 64.6 50.3 75.5





#31
Cyclohexane
Concen: 41.393 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

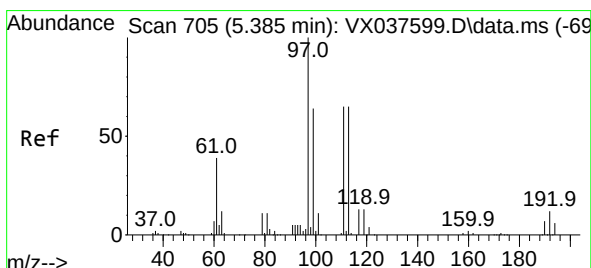
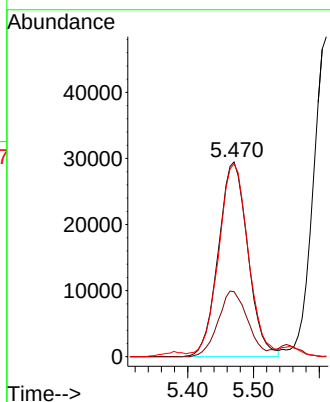
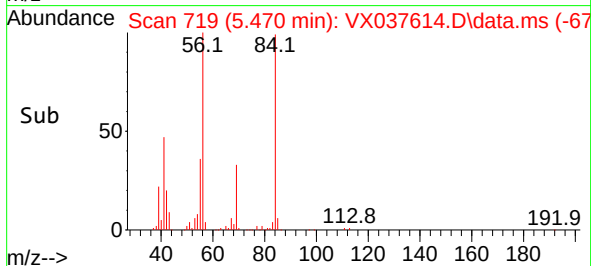
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 91830
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 97.0 65.9 98.9

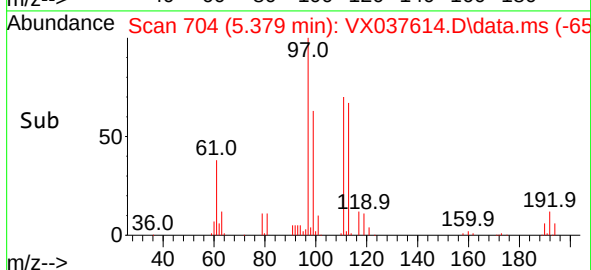
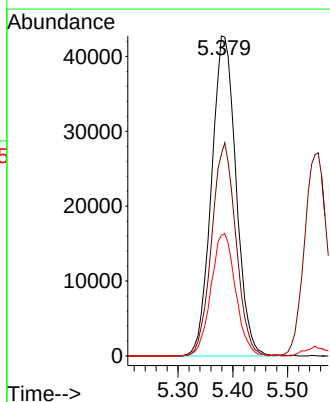
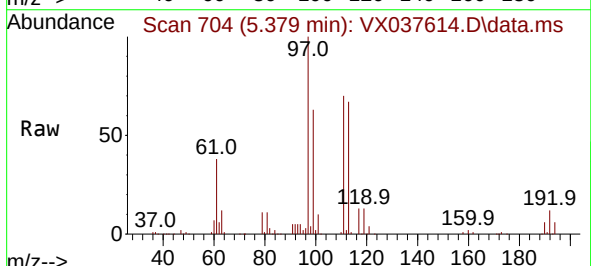
Manual Integrations
APPROVED

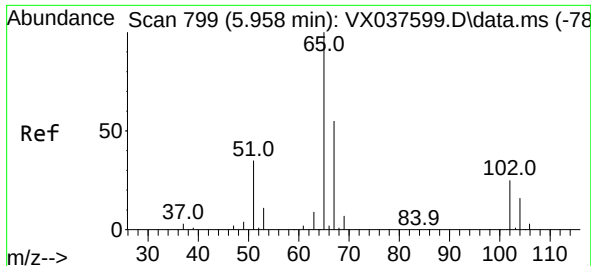
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#32
1,1,1-Trichloroethane
Concen: 51.266 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 97 Resp: 132973
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 38.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.506 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10120

Ion Ratio Lower Upper

65 100

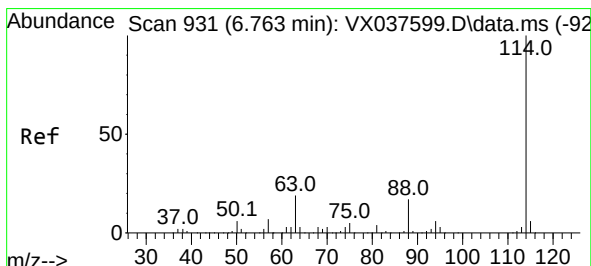
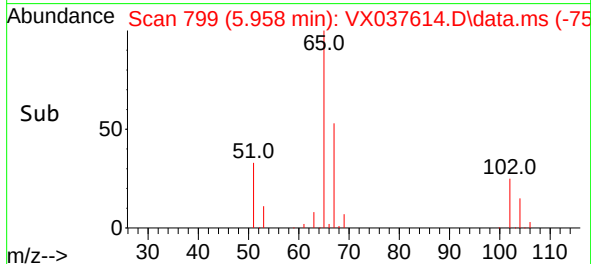
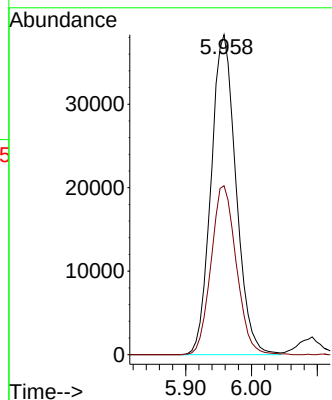
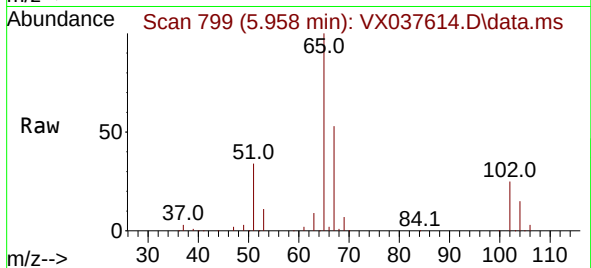
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

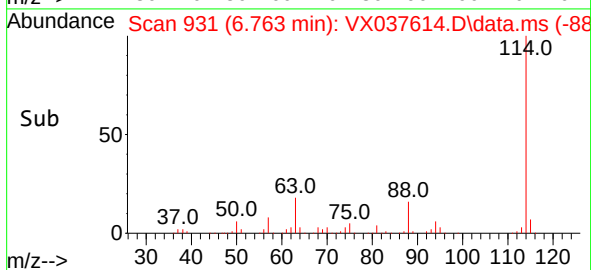
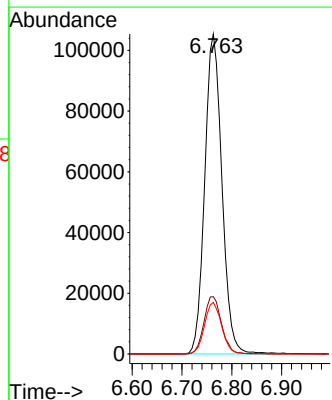
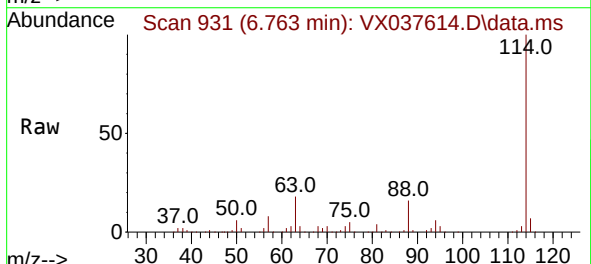
Tgt Ion:114 Resp: 252224

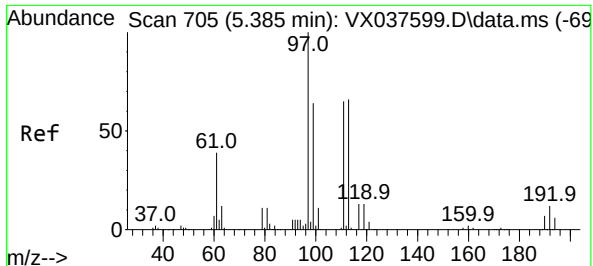
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

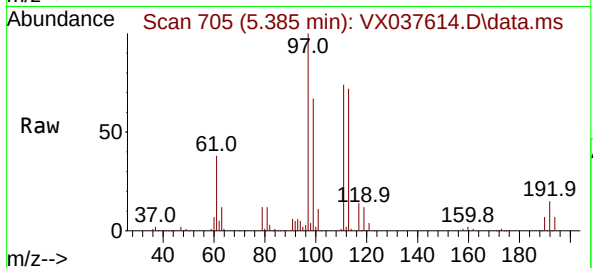
88 16.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

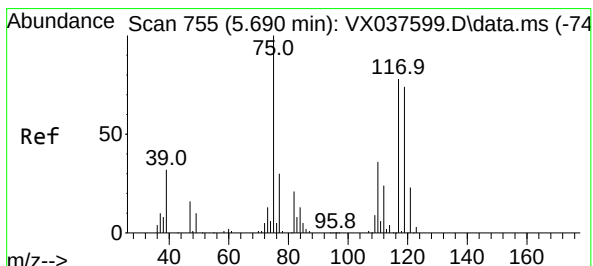
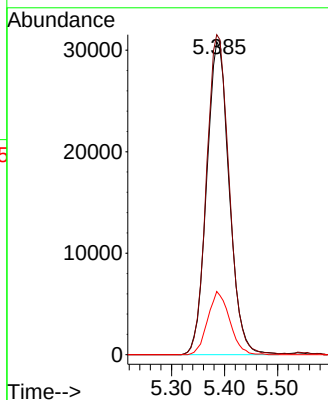
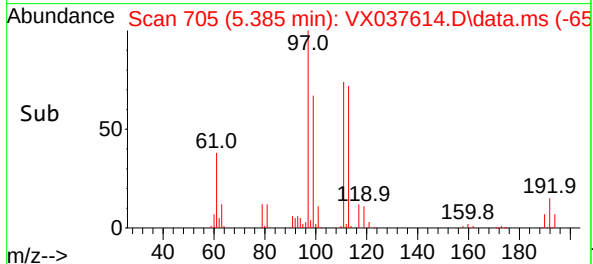
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 91045
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 19.6 13.3 19.9

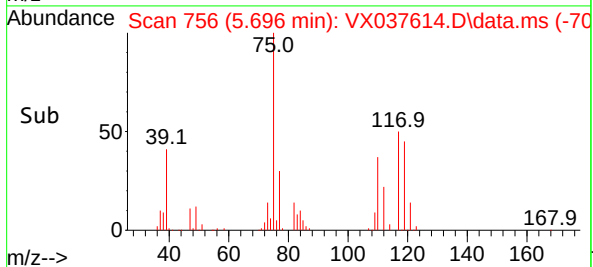
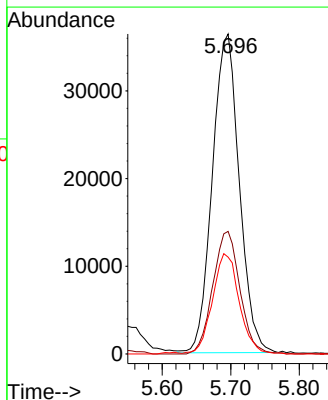
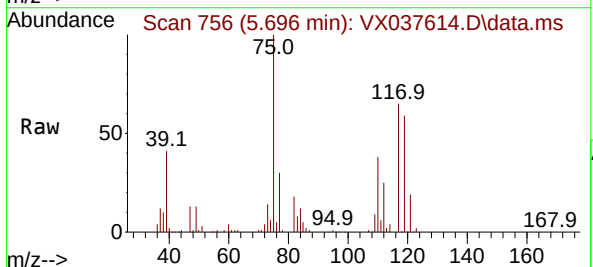
Manual Integrations
APPROVED

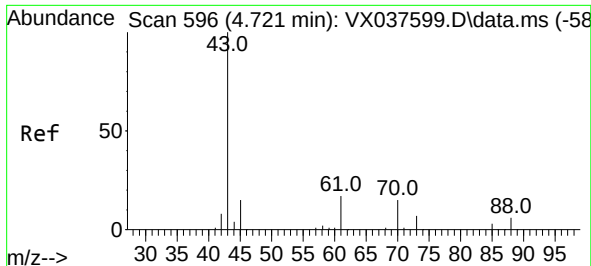
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#36
1,1-Dichloropropene
Concen: 42.537 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

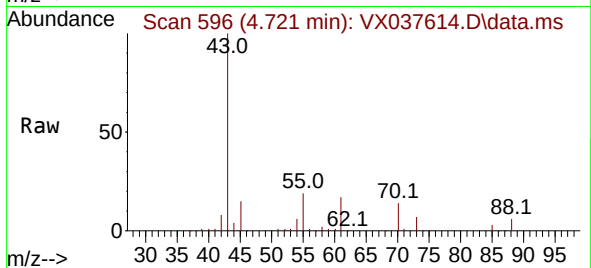
Tgt Ion: 75 Resp: 99137
Ion Ratio Lower Upper
75 100
110 38.7 17.0 50.9
77 31.3 24.7 37.1





#37
Ethyl Acetate
Concen: 49.496 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

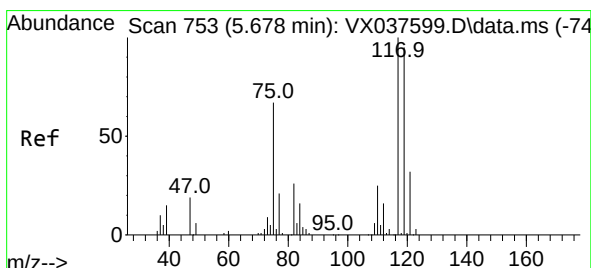
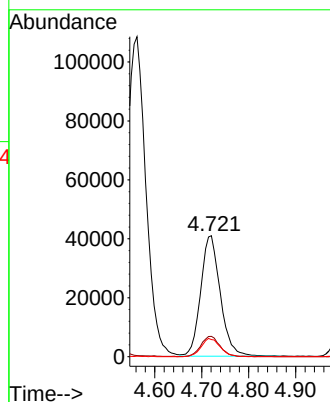
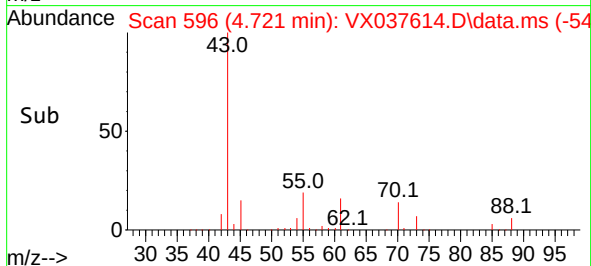
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 118270
Ion Ratio Lower Upper
43 100
61 16.7 10.6 16.0
70 14.7 8.3 12.5

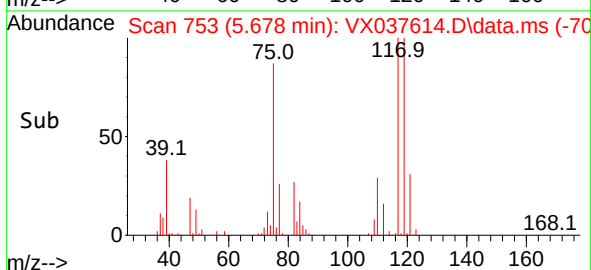
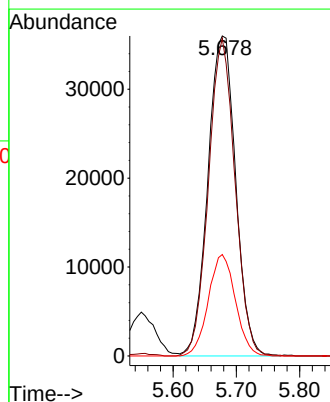
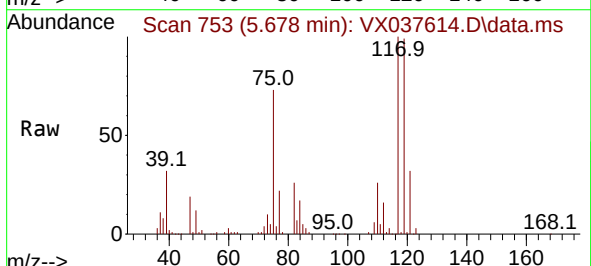
Manual Integrations
APPROVED

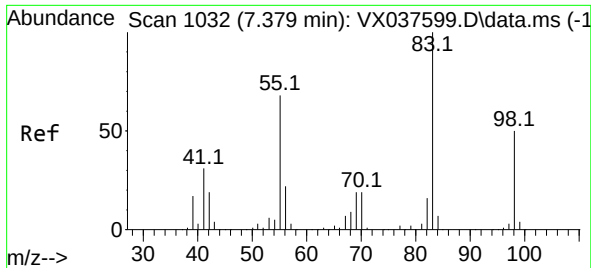
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#38
Carbon Tetrachloride
Concen: 45.604 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:117 Resp: 109847
Ion Ratio Lower Upper
117 100
119 99.0 78.2 117.2
121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 36.537 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 103830

Ion Ratio Lower Upper

83 100

55 67.7 64.6 97.0

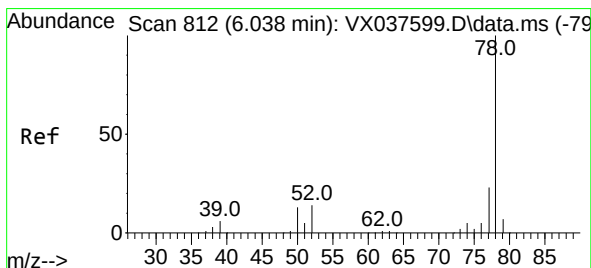
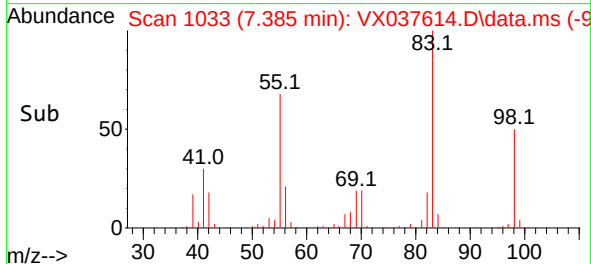
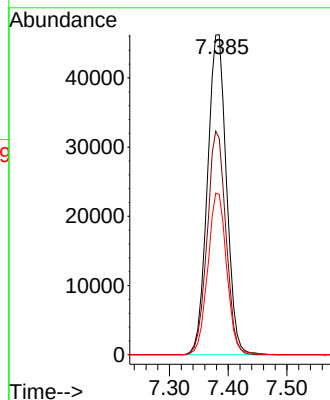
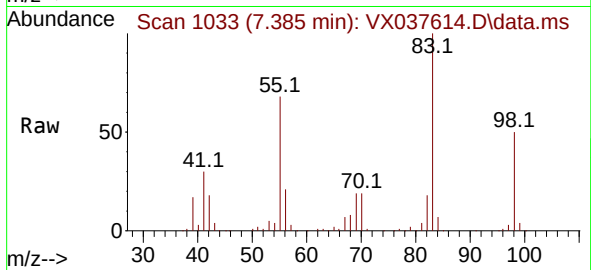
98 50.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#40

Benzene

Concen: 49.954 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX037614.D

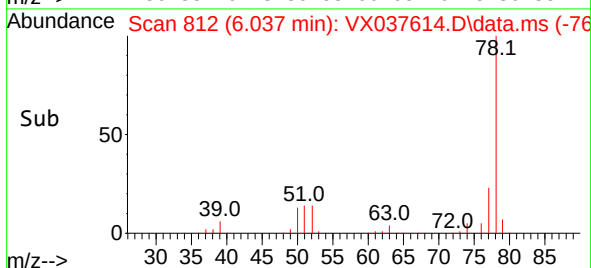
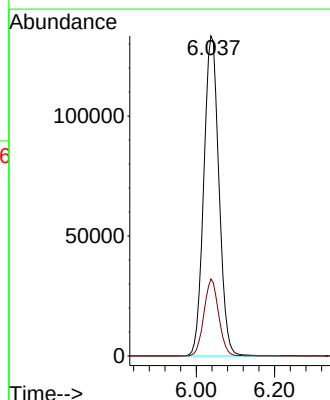
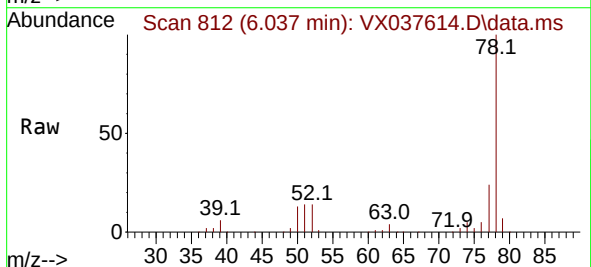
Acq: 08 Sep 2023 20:16

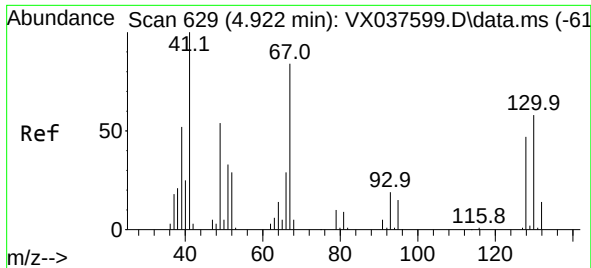
Tgt Ion: 78 Resp: 358221

Ion Ratio Lower Upper

78 100

77 24.0 19.3 28.9





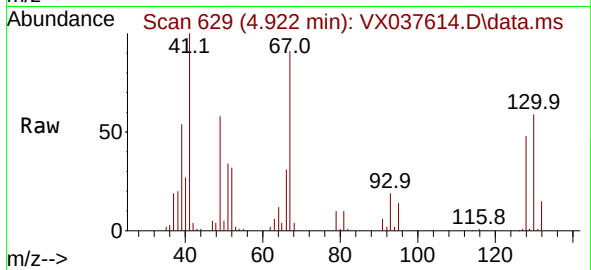
#41
Methacrylonitrile
Concen: 52.202 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



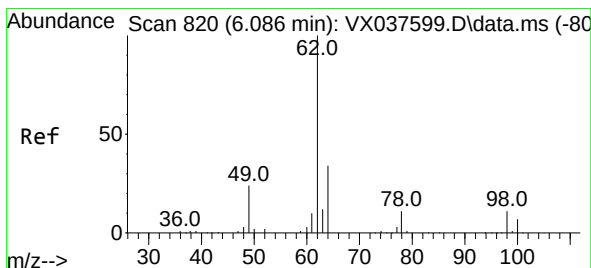
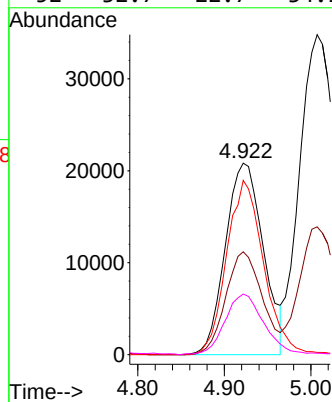
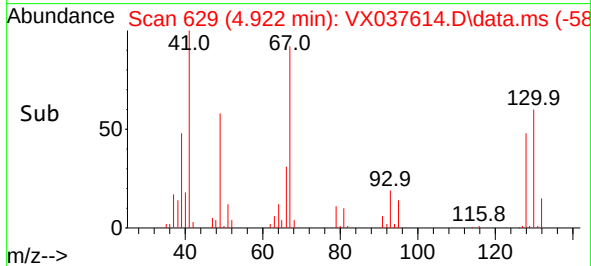
Tgt Ion: 41 Resp: 63540
Ion Ratio Lower Upper
41 100
39 51.9 45.2 67.8
67 89.2 52.6 78.8
52 32.7 22.7 34.1

Manual Integrations

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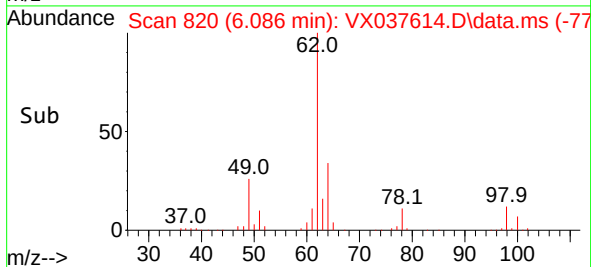
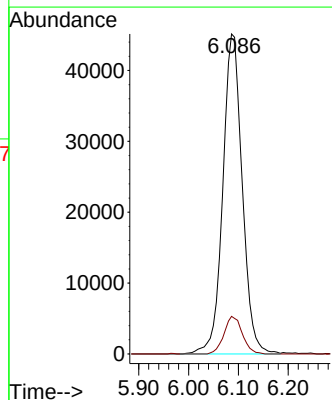
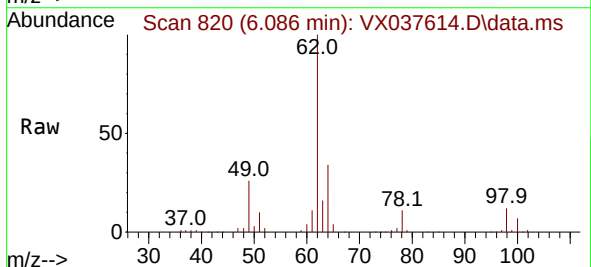
Reviewed By :John Carlone 09/09/2023

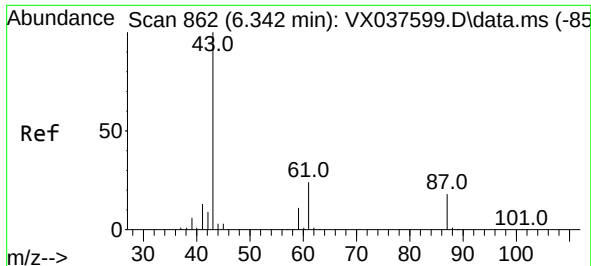
Supervised By :Mahesh Dadoda 09/11/2023



#42
1,2-Dichloroethane
Concen: 50.881 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 62 Resp: 122178
Ion Ratio Lower Upper
62 100
98 11.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.474 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18781

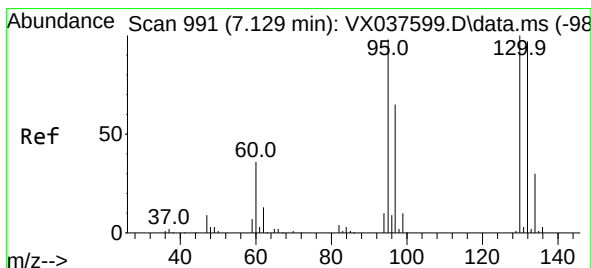
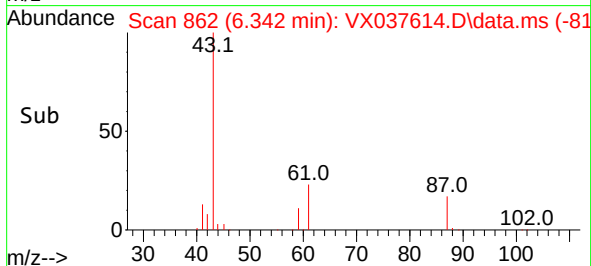
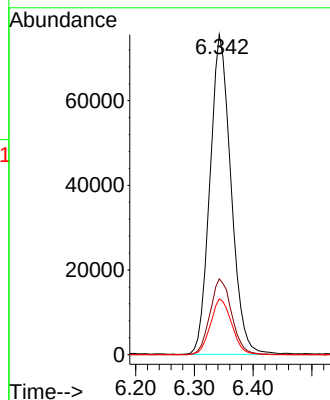
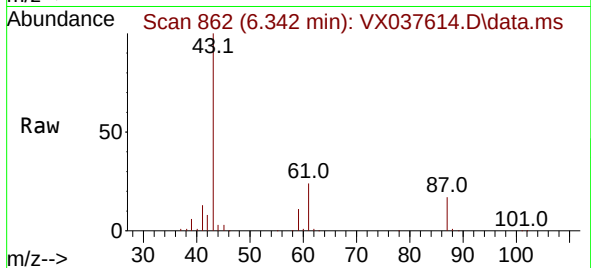
Ion	Ratio	Lower	Upper
43	100		
61	24.4	15.2	22.8
87	17.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#44

Trichloroethene

Concen: 46.419 ug/l

RT: 7.129 min Scan# 991

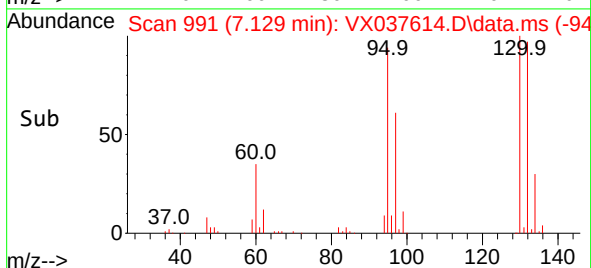
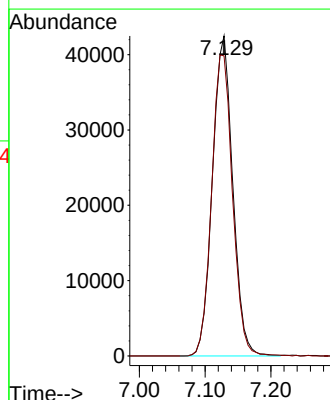
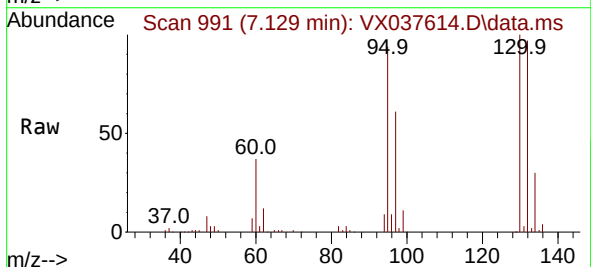
Delta R.T. -0.000 min

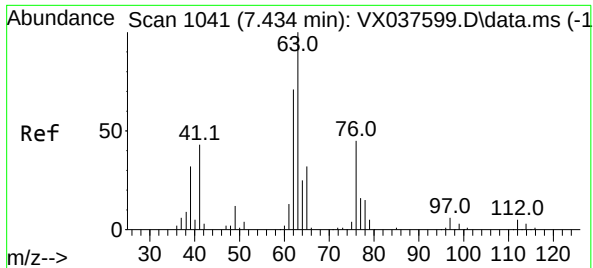
Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Tgt Ion:130 Resp: 91436

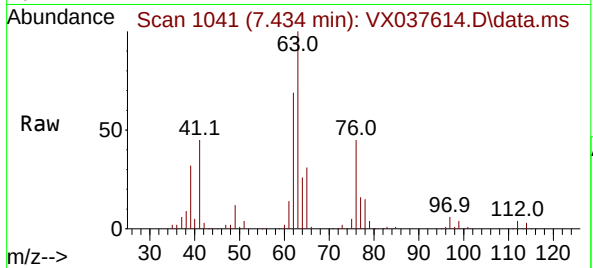
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	204.4





#45
1,2-Dichloropropane
Concen: 51.799 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

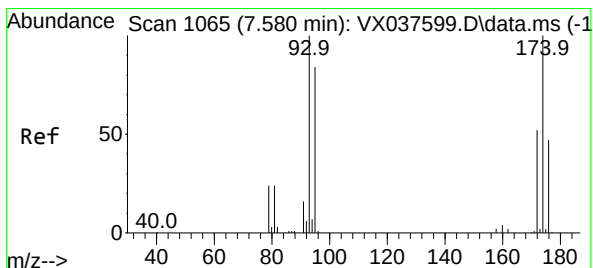
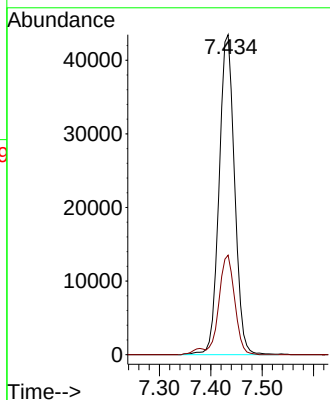
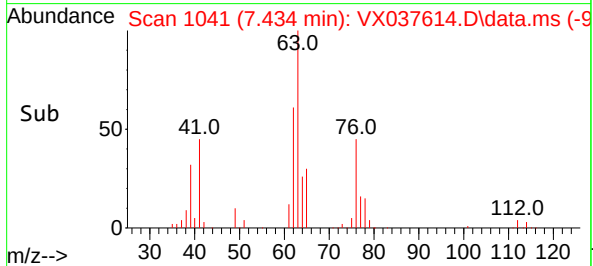
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 90965
Ion Ratio Lower Upper
63 100
65 31.1 24.3 36.5

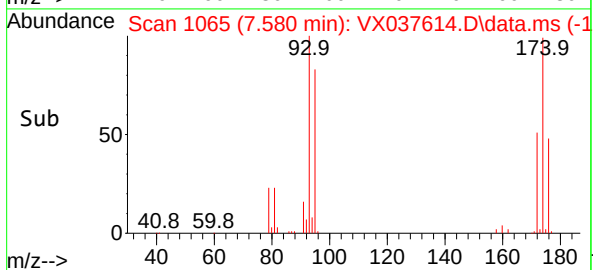
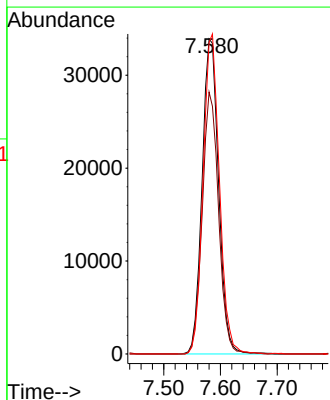
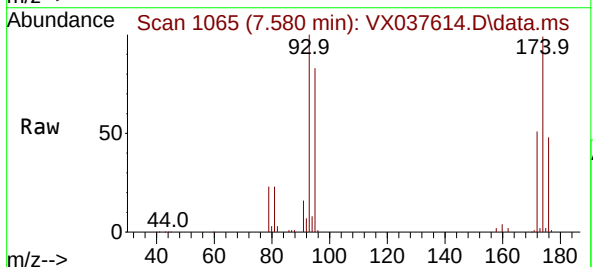
Manual Integrations
APPROVED

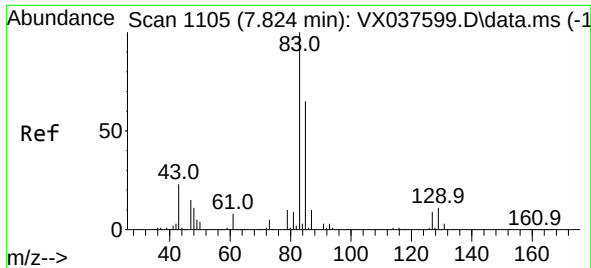
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#46
Dibromomethane
Concen: 52.090 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 93 Resp: 68655
Ion Ratio Lower Upper
93 100
95 82.1 66.6 100.0
174 100.3 69.4 104.0





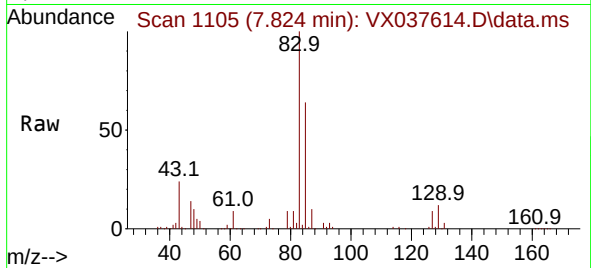
#47
Bromodichloromethane
Concen: 53.212 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



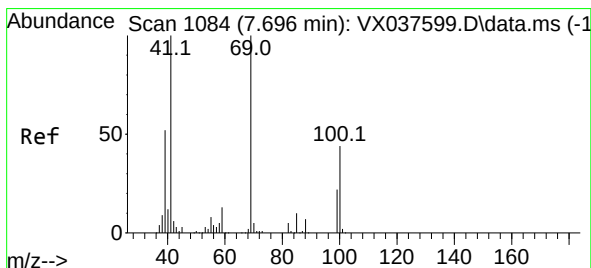
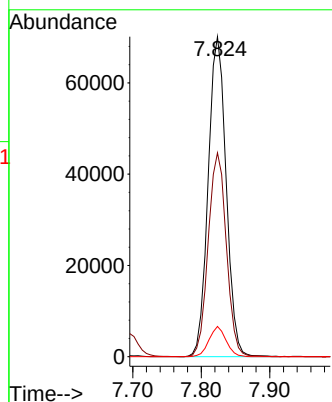
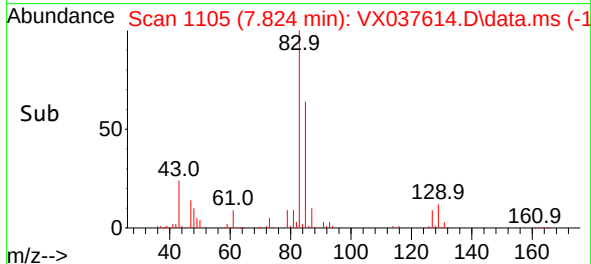
Tgt Ion: 83 Resp: 12815
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 9.5 7.1 10.7

Manual Integrations

APPROVED

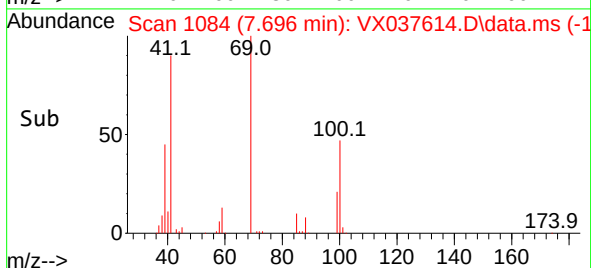
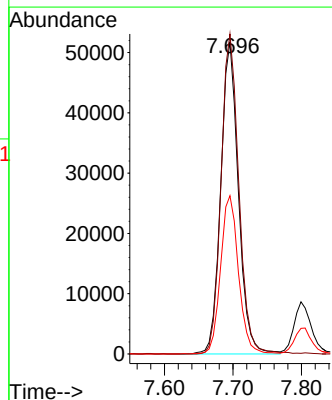
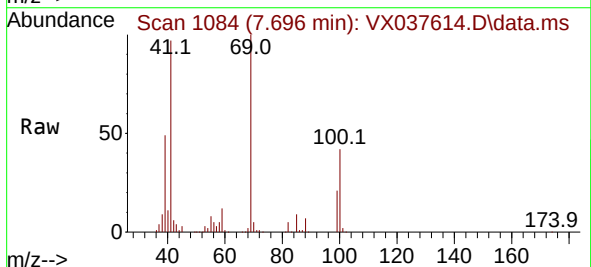
Reviewed By :John Carlone 09/09/2023

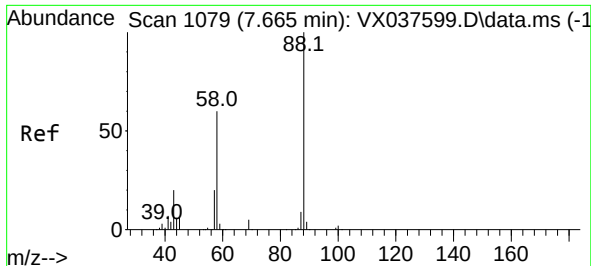
Supervised By :Mahesh Dadoda 09/11/2023



#48
Methyl methacrylate
Concen: 53.872 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 41 Resp: 92282
Ion Ratio Lower Upper
41 100
69 102.9 59.2 88.8#
39 51.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1065.563 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 5727

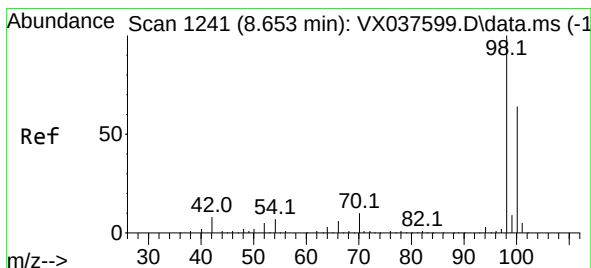
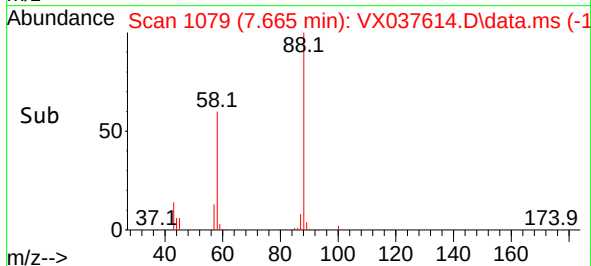
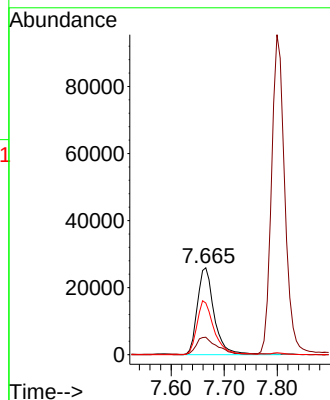
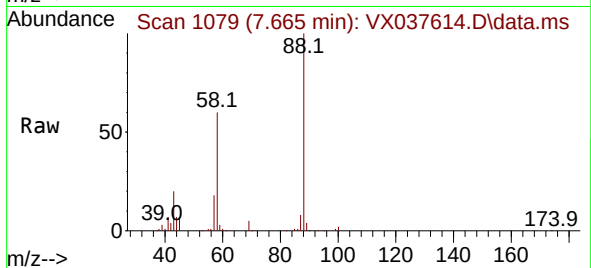
Ion	Ratio	Lower	Upper
88	100		
43	23.8	0.0	0.0
58	62.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#50

Toluene-d8

Concen: 50.414 ug/l

RT: 8.653 min Scan# 1241

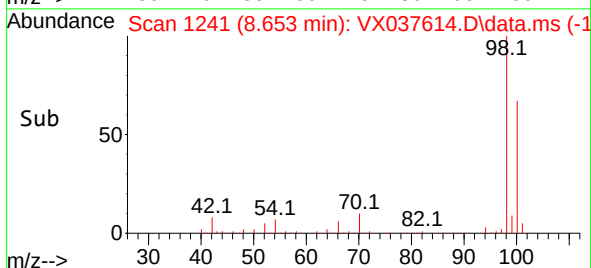
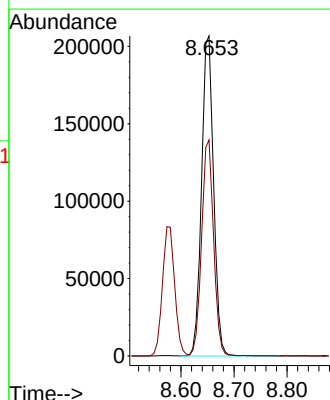
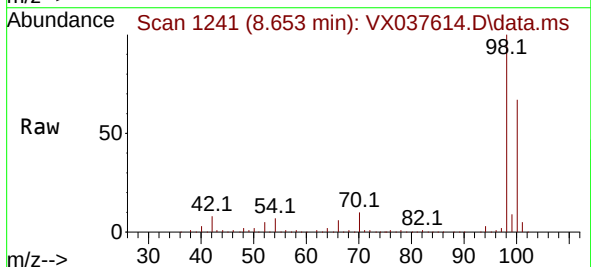
Delta R.T. -0.000 min

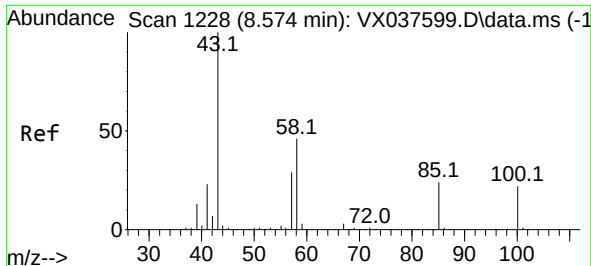
Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Tgt Ion: 98 Resp: 326202

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 261.874 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

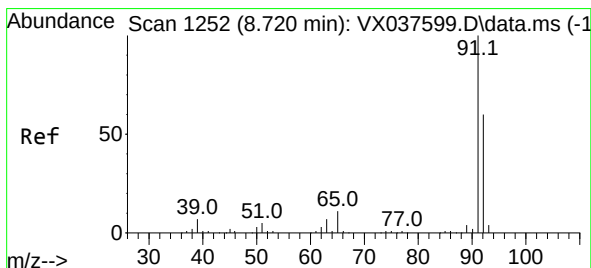
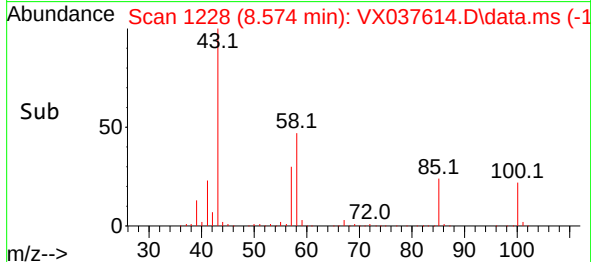
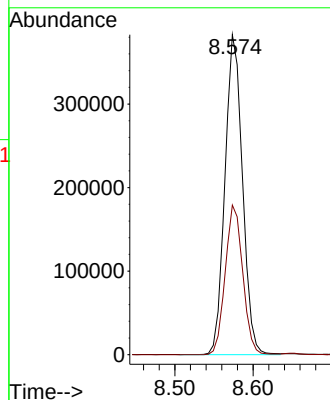
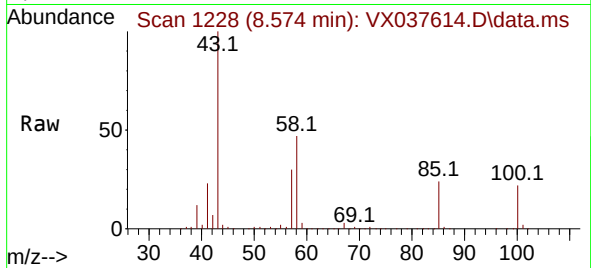
VSTDCCC050EC

Tgt Ion: 43 Resp: 596090
Ion Ratio Lower Upper
43 100
58 46.8 30.4 45.6

Manual Integrations

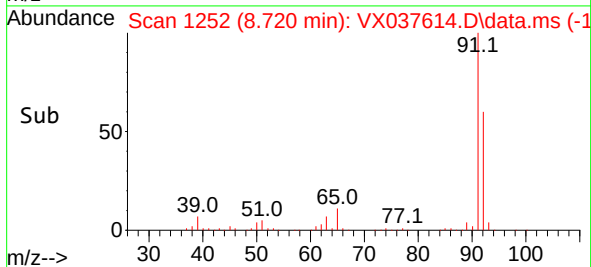
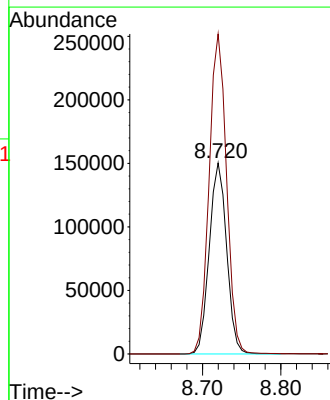
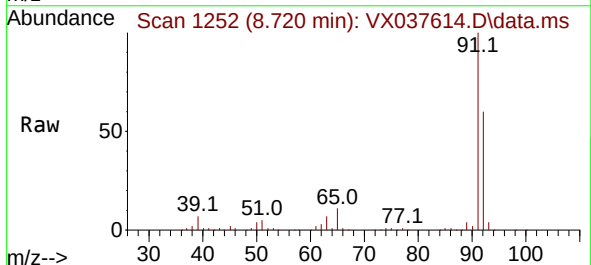
APPROVED

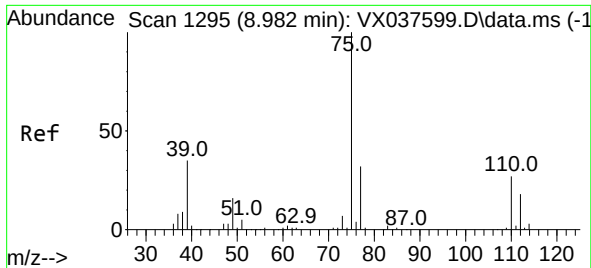
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#52
Toluene
Concen: 49.649 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 92 Resp: 231253
Ion Ratio Lower Upper
92 100
91 168.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 52.770 ug/l

RT: 8.982 min Scan# 1196

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 131964

Ion Ratio Lower Upper

75 100

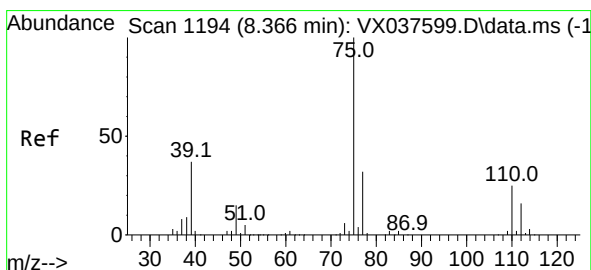
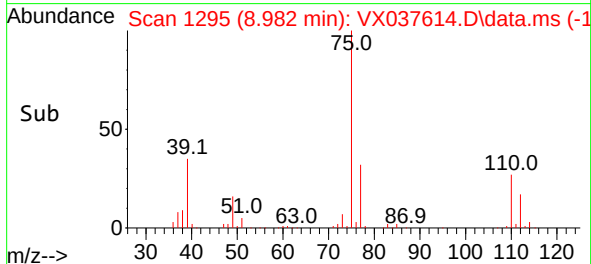
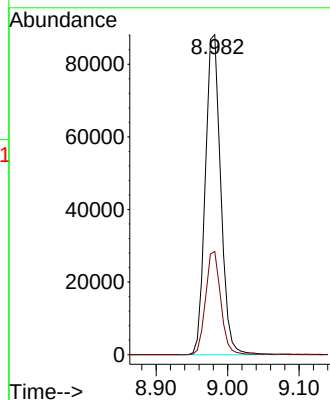
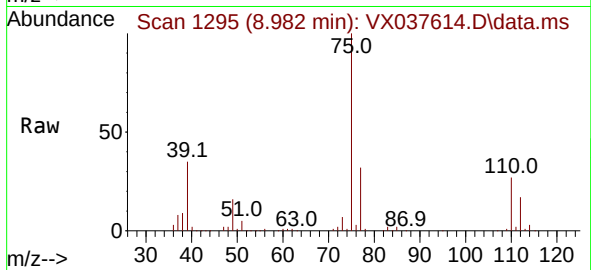
77 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#54

cis-1,3-Dichloropropene

Concen: 52.309 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

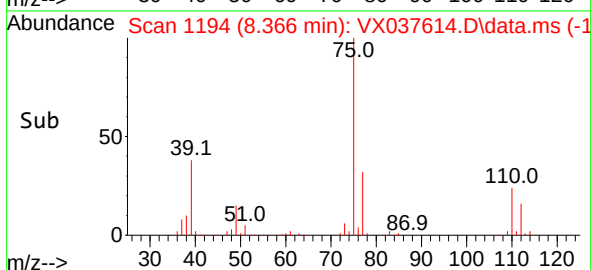
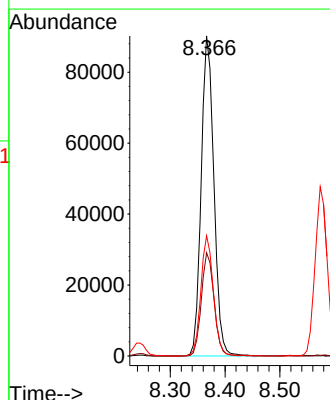
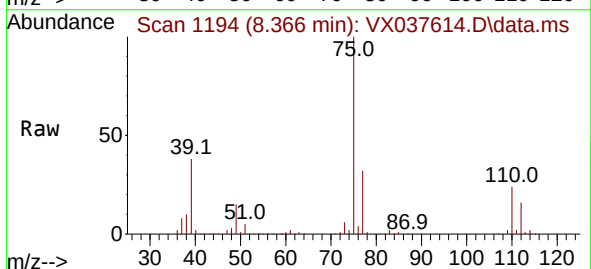
Tgt Ion: 75 Resp: 145541

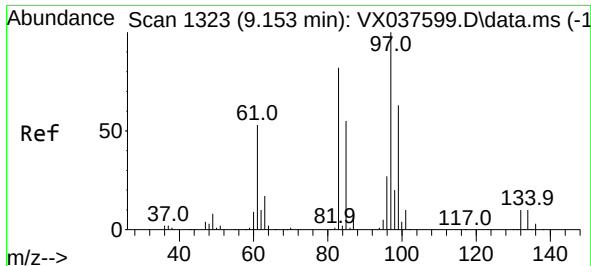
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 37.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 52.106 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

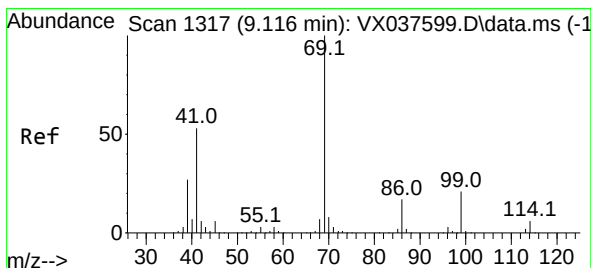
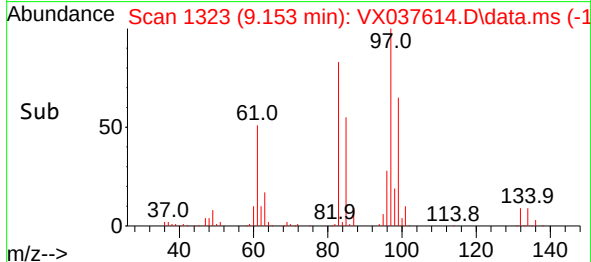
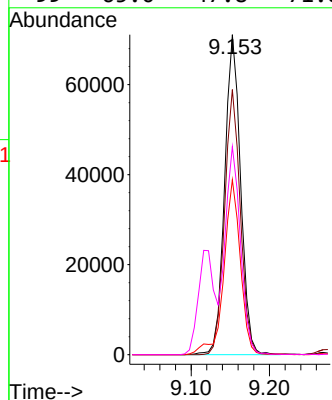
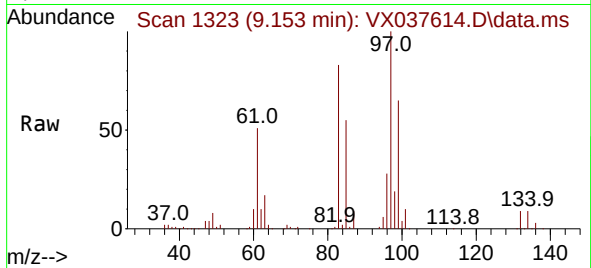
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.8	98.8
85	54.6	41.6	62.4
99	65.0	47.8	71.8

Manual Integrations

APPROVED

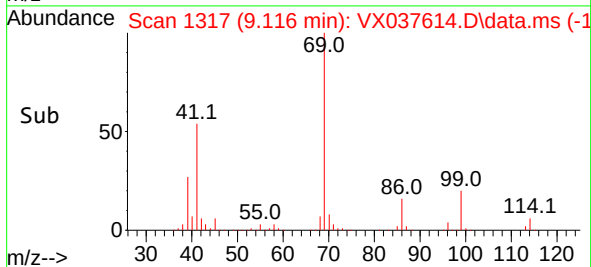
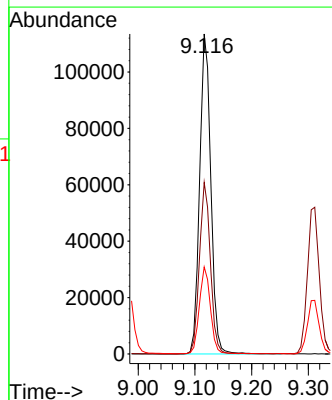
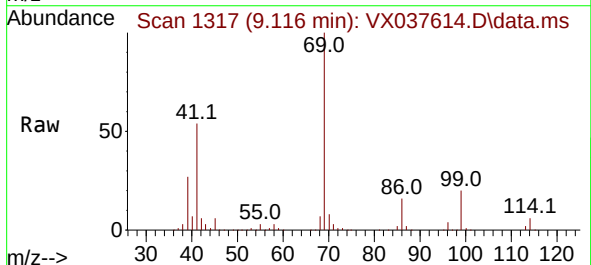
Reviewed By :John Carlone 09/09/2023

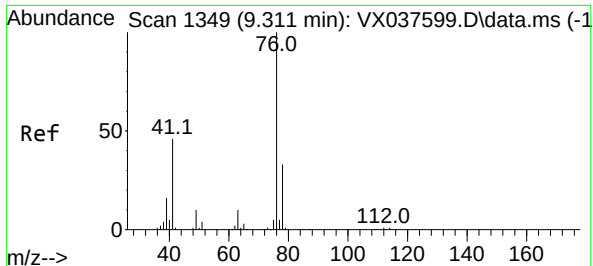
Supervised By :Mahesh Dadoda 09/11/2023



#56
Ethyl methacrylate
Concen: 54.949 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.0	56.8	85.2#
39	26.7	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 51.376 ug/l

RT: 9.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 16581

Ion Ratio Lower Upper

76 100

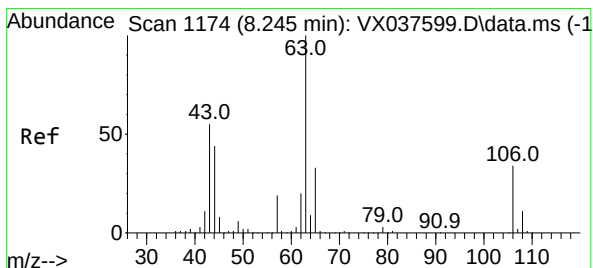
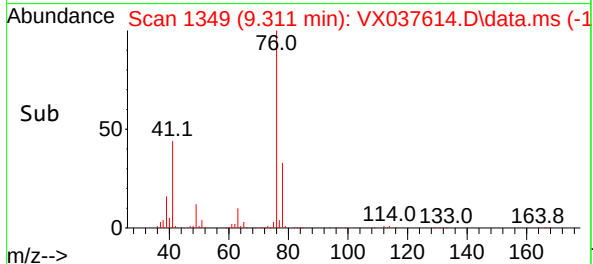
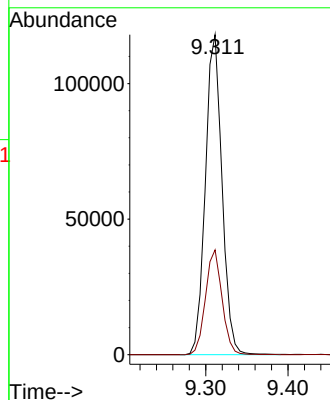
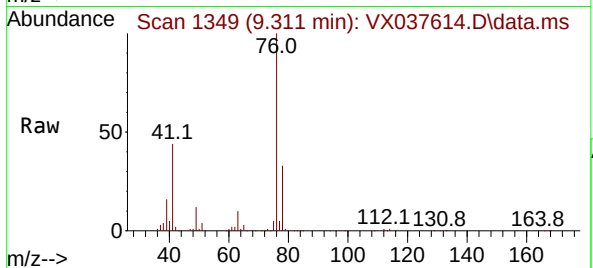
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 249.467 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037614.D

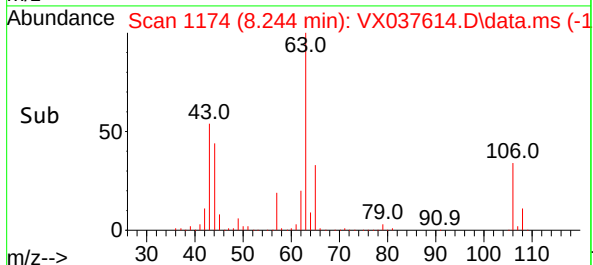
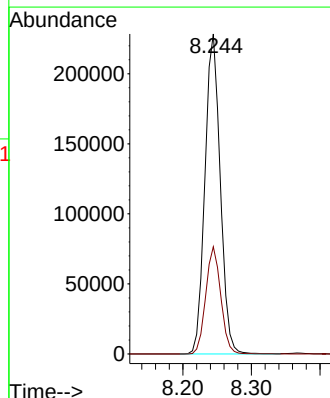
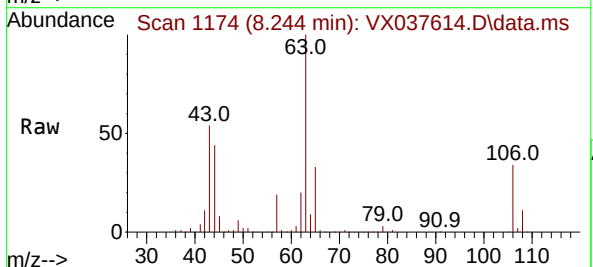
Acq: 08 Sep 2023 20:16

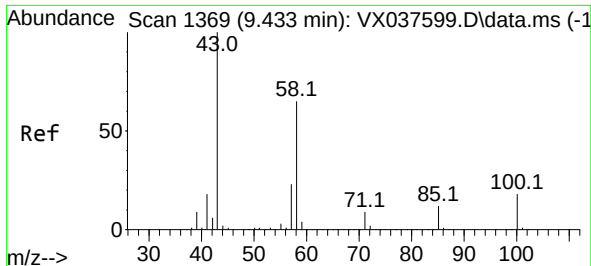
Tgt Ion: 63 Resp: 356145

Ion Ratio Lower Upper

63 100

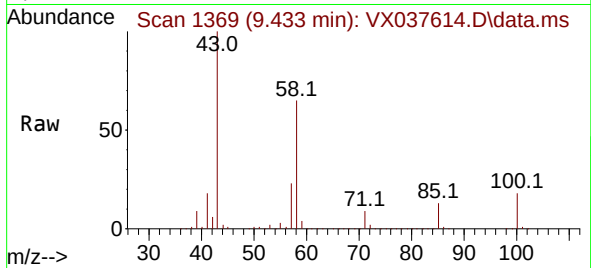
106 32.8 22.5 33.7





#59
2-Hexanone
Concen: 263.881 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

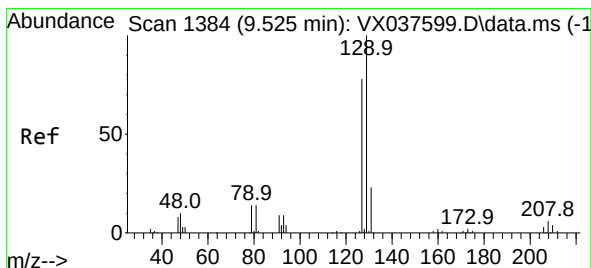
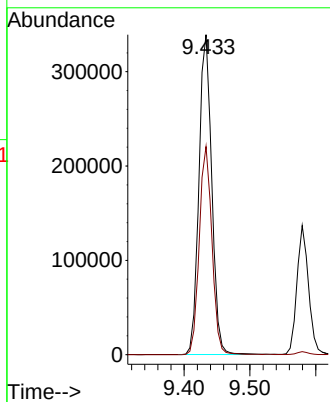
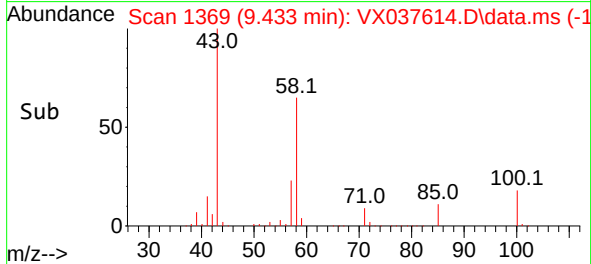
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 458120
Ion Ratio Lower Upper
43 100
58 64.6 26.2 78.5

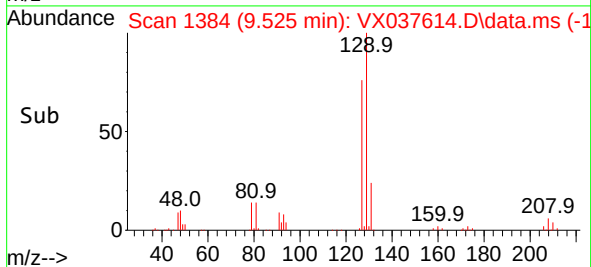
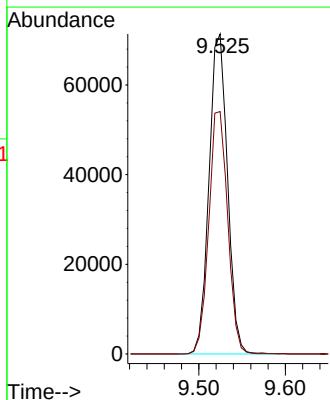
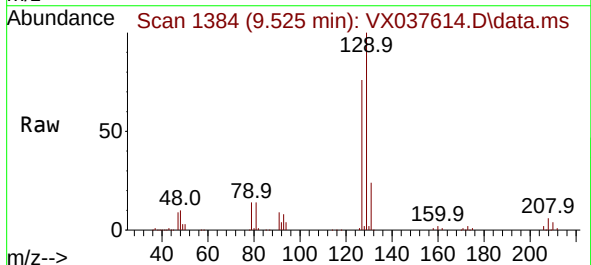
Manual Integrations
APPROVED

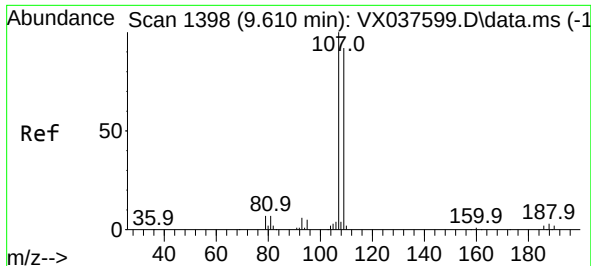
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#60
Dibromochloromethane
Concen: 54.774 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:129 Resp: 105616
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.253 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

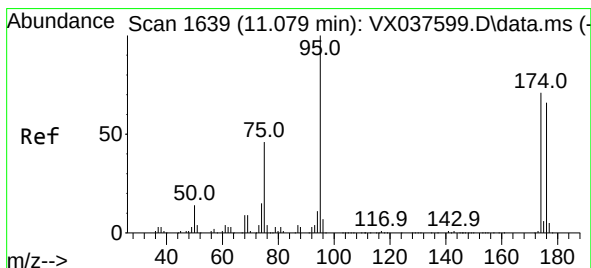
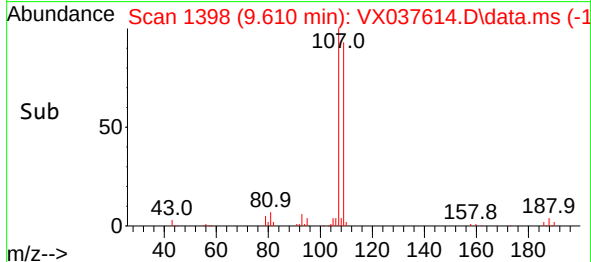
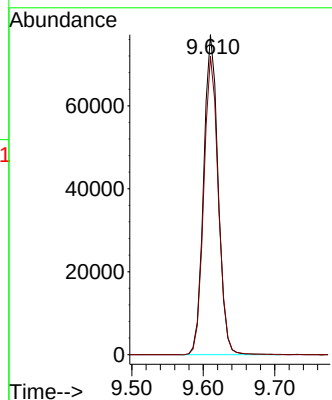
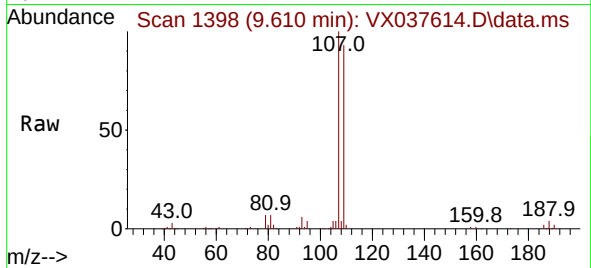
VSTDCCC050EC

Tgt Ion:107 Resp: 10836
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations

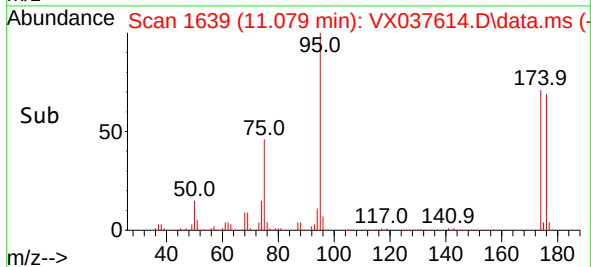
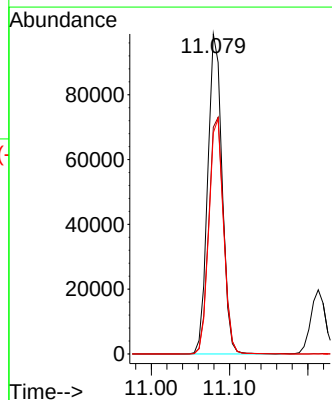
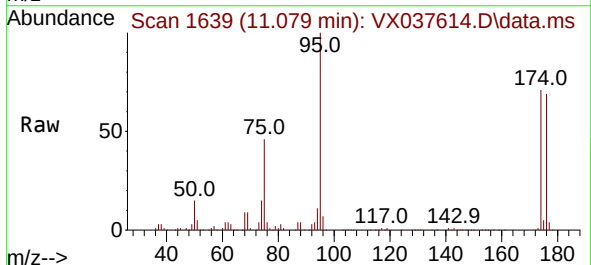
APPROVED

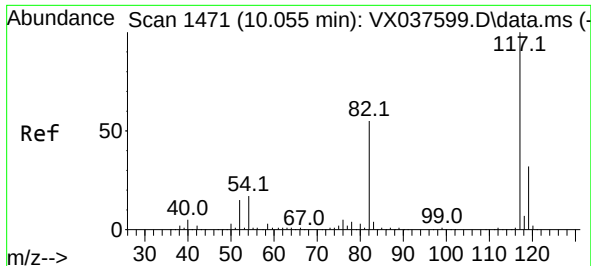
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#62
4-Bromofluorobenzene
Concen: 51.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

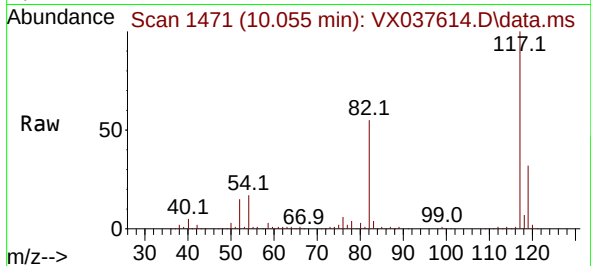
Tgt Ion: 95 Resp: 125409
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 74.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

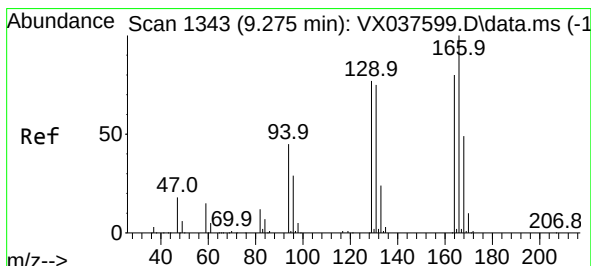
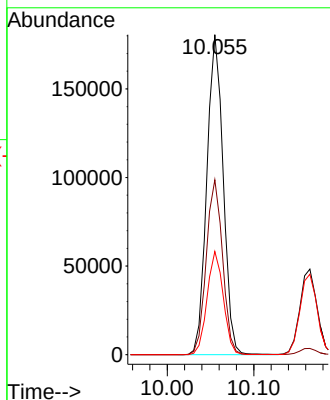
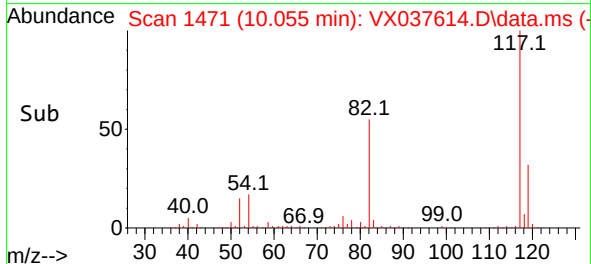
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 236890
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.3 25.5 38.3

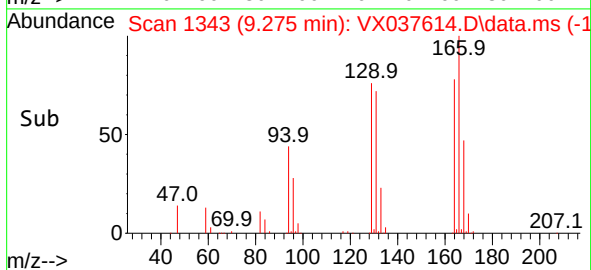
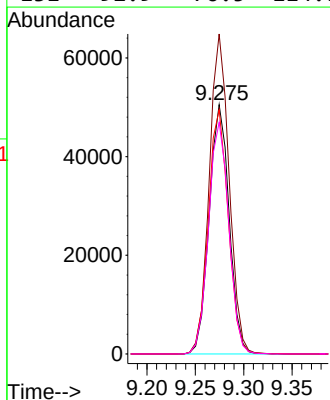
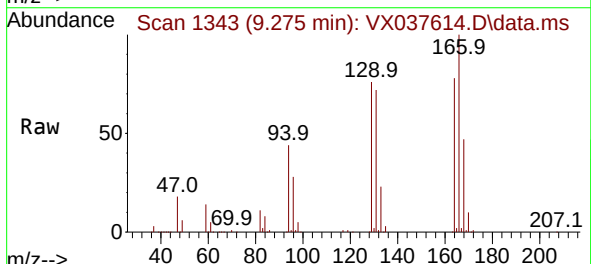
Manual Integrations
APPROVED

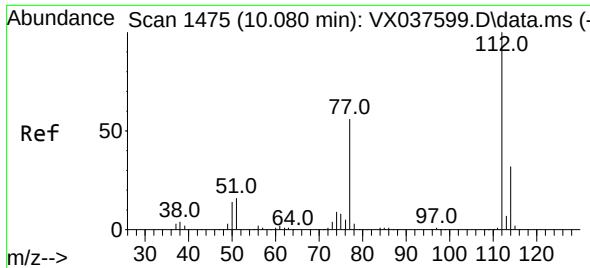
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#64
Tetrachloroethene
Concen: 43.735 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:164 Resp: 72552
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 98.0 80.4 120.6
131 92.9 76.5 114.7





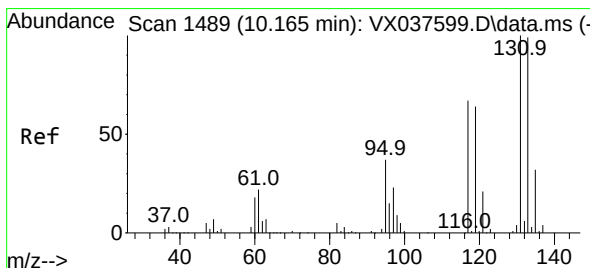
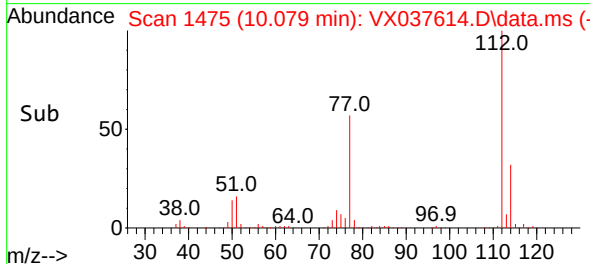
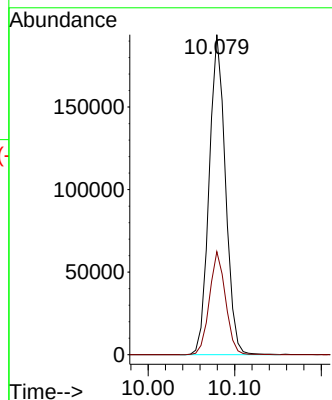
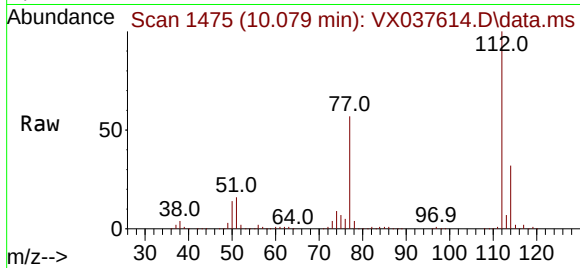
#65
Chlorobenzene
Concen: 48.635 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 25313
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

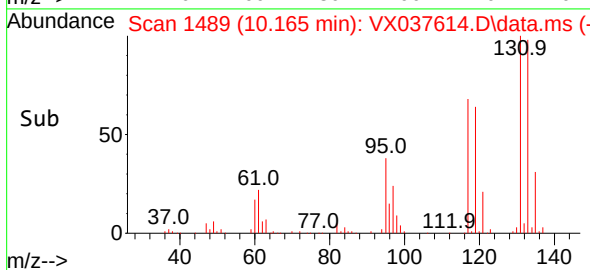
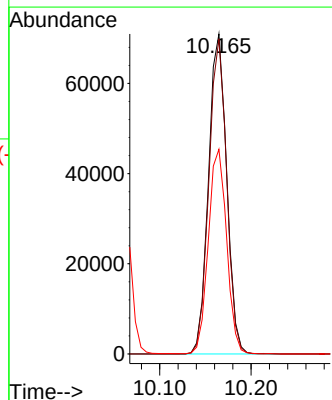
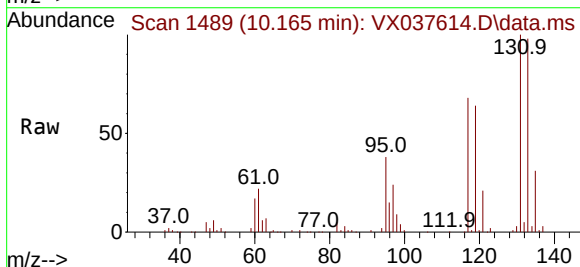
Manual Integrations
APPROVED

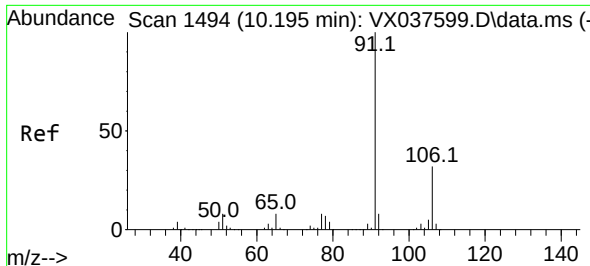
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.988 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:131 Resp: 97740
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 64.6 32.2 96.6





#67

Ethyl Benzene

Concen: 48.793 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 43168

Ion Ratio Lower Upper

91 100

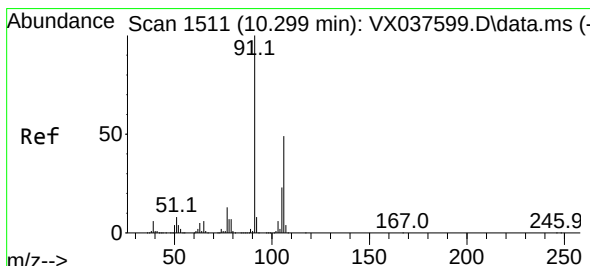
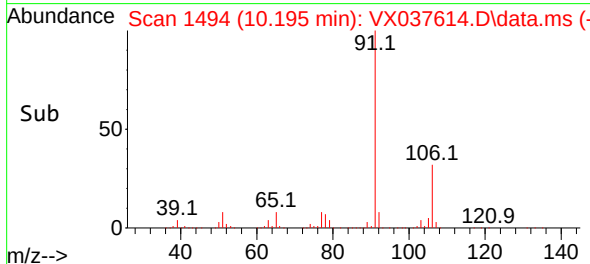
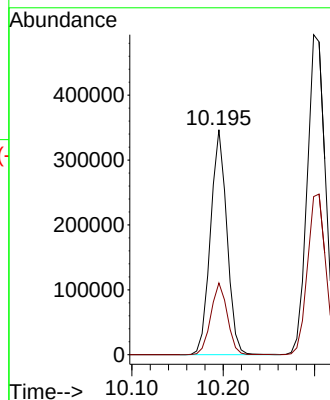
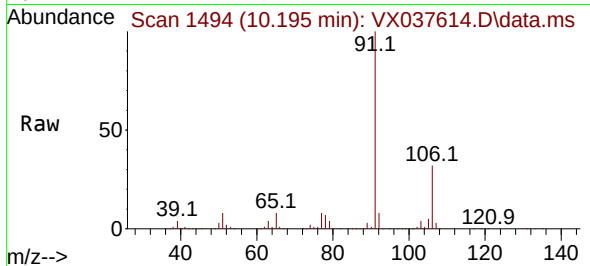
106 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#68

m/p-Xylenes

Concen: 98.920 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX037614.D

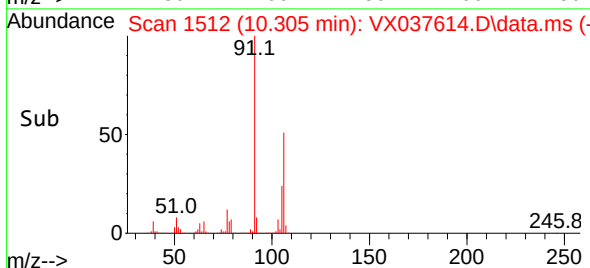
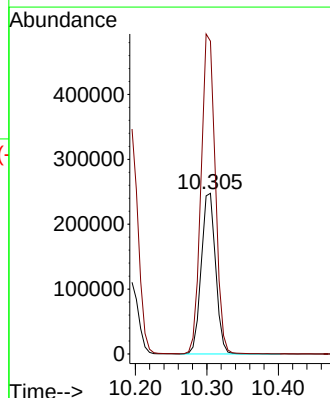
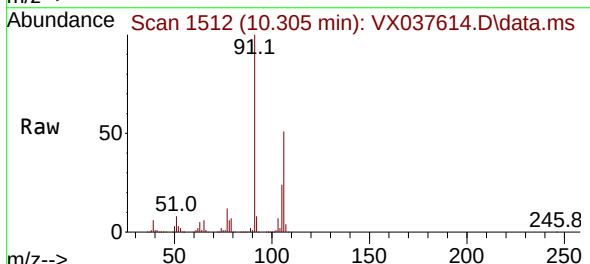
Acq: 08 Sep 2023 20:16

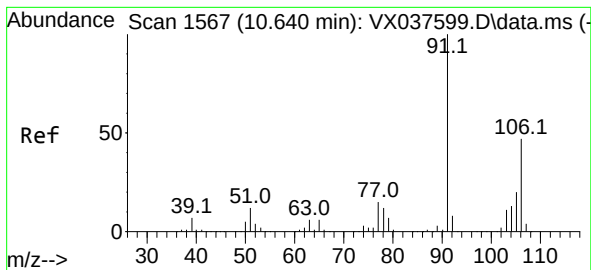
Tgt Ion:106 Resp: 344269

Ion Ratio Lower Upper

106 100

91 198.5 165.5 248.3





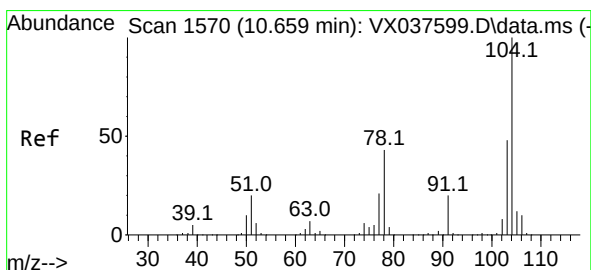
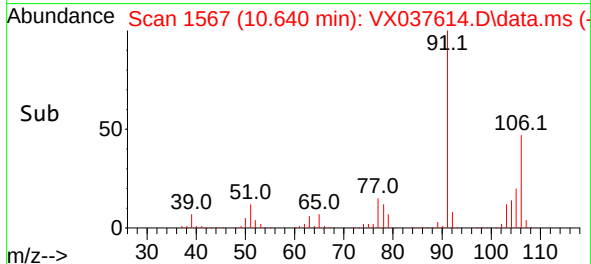
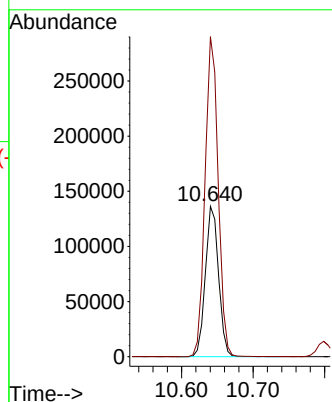
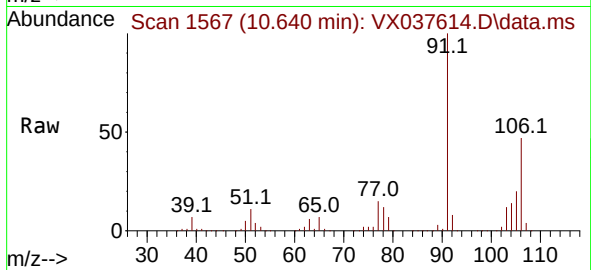
#69
o-Xylene
Concen: 50.561 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 174960
Ion Ratio Lower Upper
106 100
91 211.1 108.9 326.8

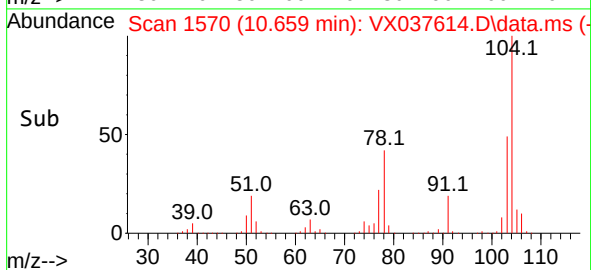
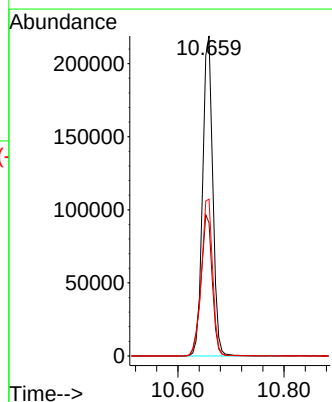
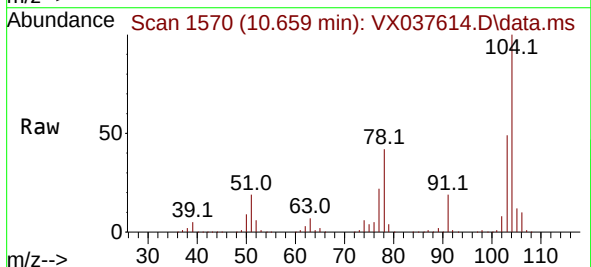
Manual Integrations
APPROVED

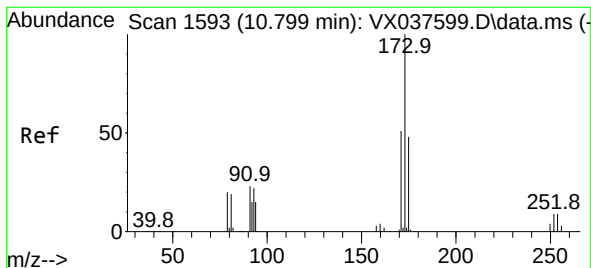
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#70
Styrene
Concen: 52.021 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:104 Resp: 292678
Ion Ratio Lower Upper
104 100
78 48.9 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 53.246 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

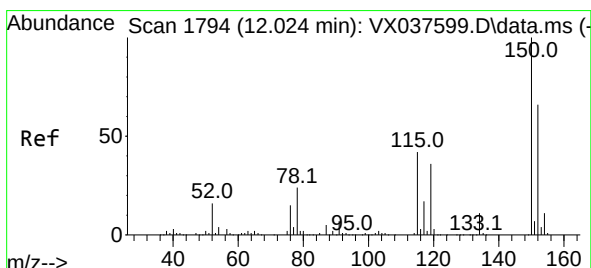
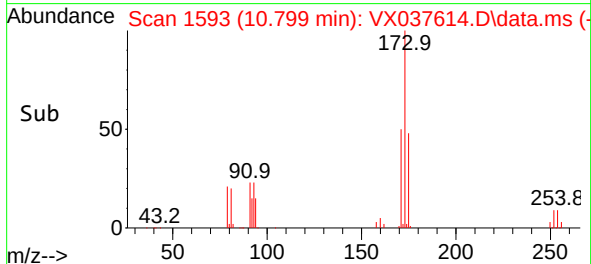
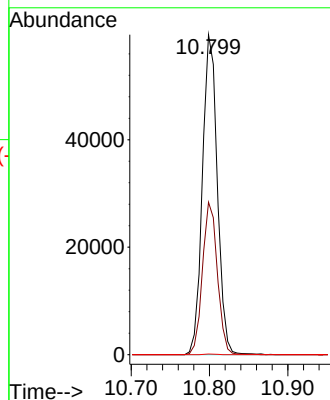
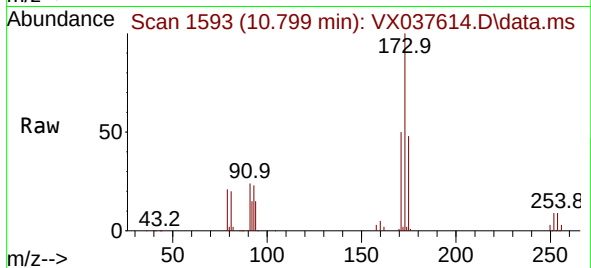
Tgt Ion:173	Resp: 78779
Ion Ratio	Lower Upper
173 100	
175 47.5	24.1 72.4
254 0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

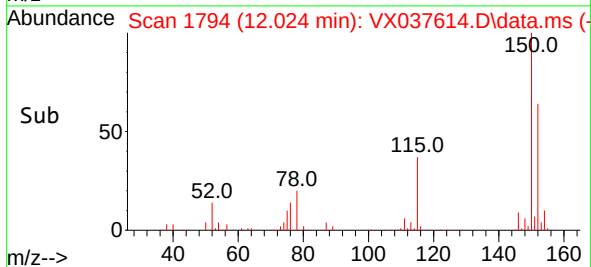
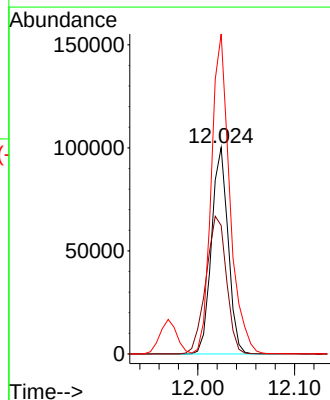
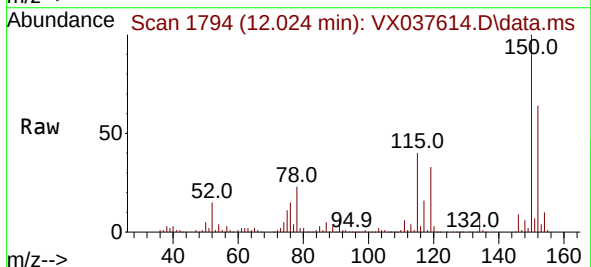
RT: 12.024 min Scan# 1794

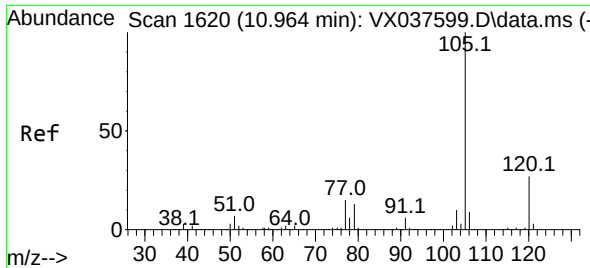
Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

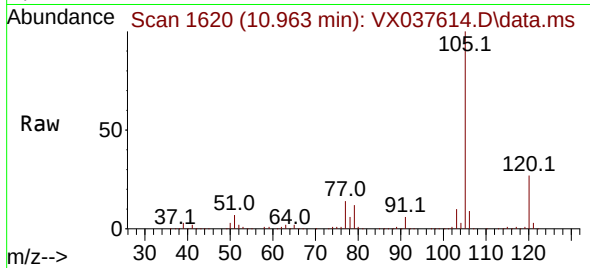
Tgt Ion:152	Resp: 119370
Ion Ratio	Lower Upper
152 100	
115 82.8	43.3 129.9
150 171.9	0.0 345.0





#73
Isopropylbenzene
Concen: 47.546 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

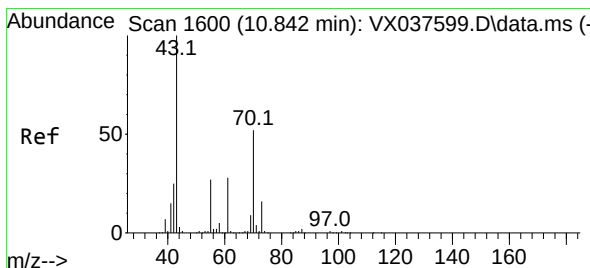
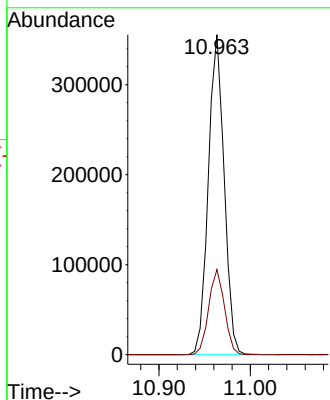
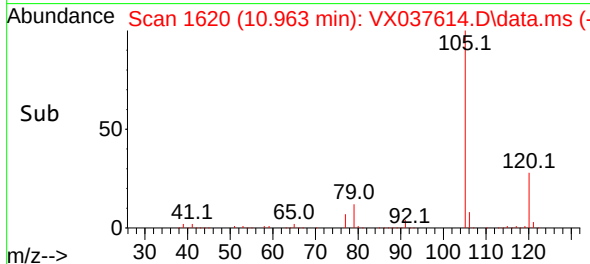
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



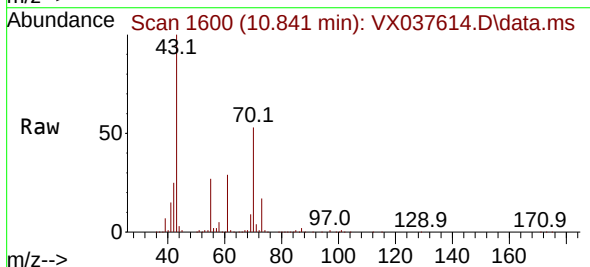
Tgt Ion:105 Resp: 426315
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

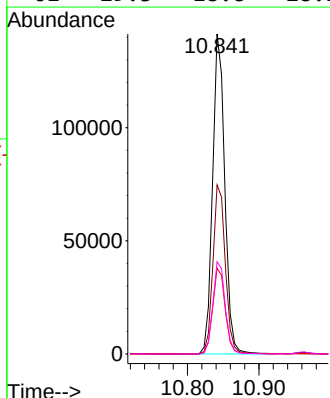
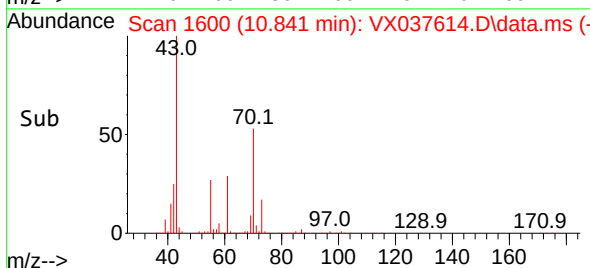
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

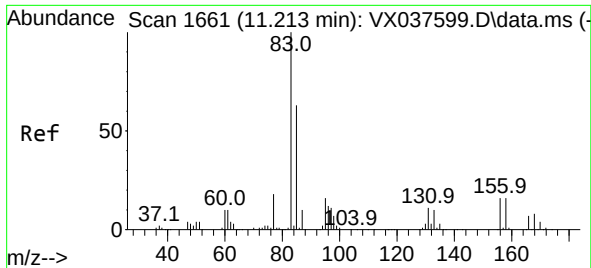


#74
N-ethyl acetate
Concen: 54.003 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16



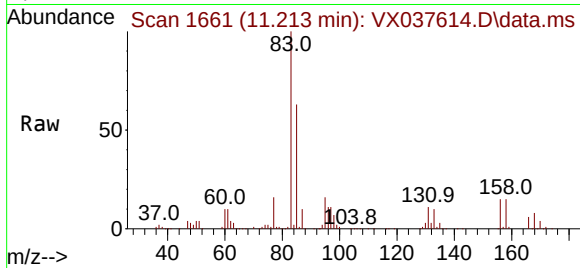
Tgt Ion: 43 Resp: 166910
Ion Ratio Lower Upper
43 100
70 53.9 32.9 49.3#
55 27.6 19.3 28.9
61 29.3 18.8 28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 51.604 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

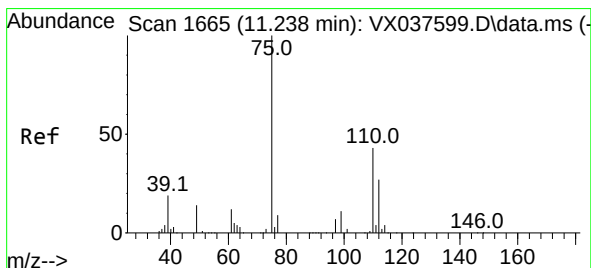
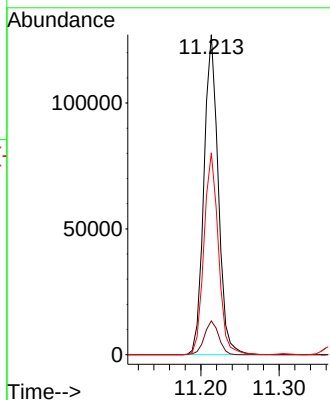
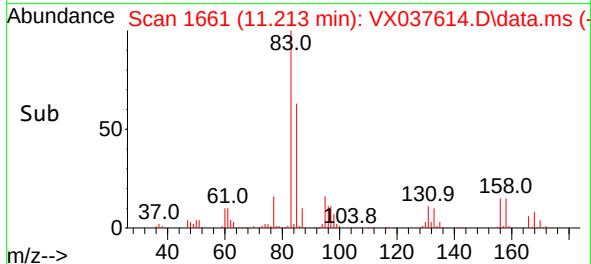
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



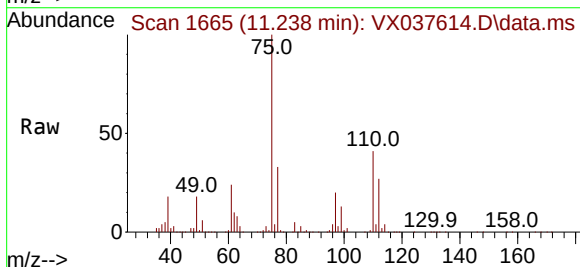
Tgt Ion: 83 Resp: 160794
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 63.7 32.0 96.2

Manual Integrations
APPROVED

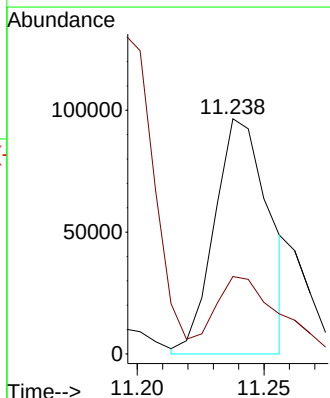
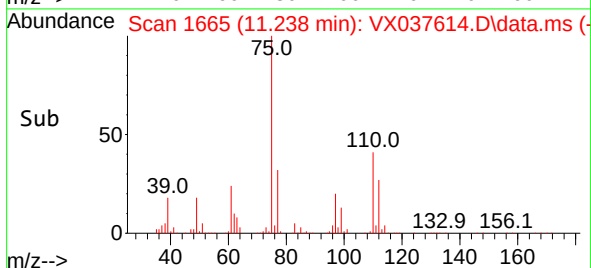
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023

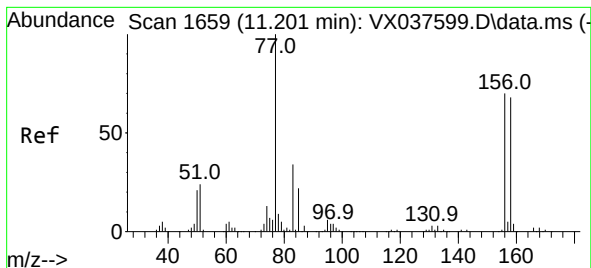


#76
1,2,3-Trichloropropane
Concen: 51.194 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16



Tgt Ion: 75 Resp: 143363
Ion Ratio Lower Upper
75 100
77 39.5 19.1 57.5





#77

Bromobenzene

Concen: 50.143 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 11128

Ion Ratio Lower Upper

156 100

77 153.7 88.4 265.3

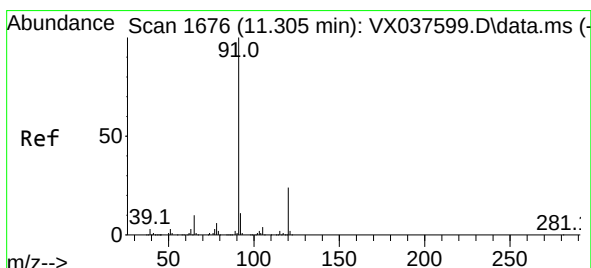
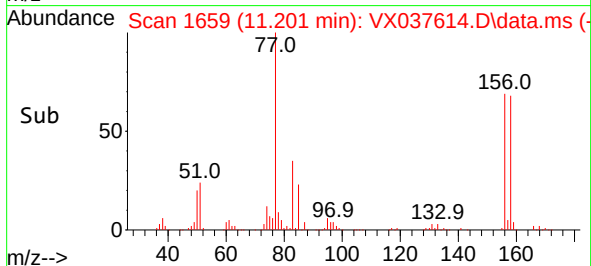
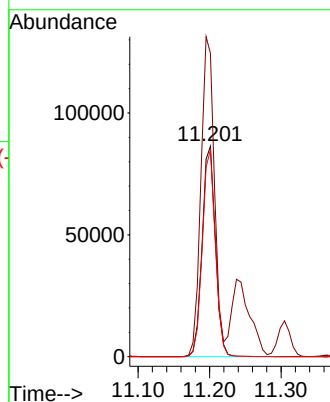
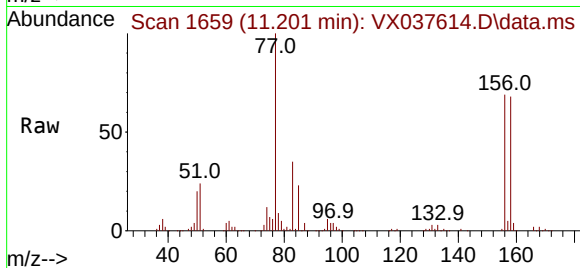
158 96.6 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#78

n-propylbenzene

Concen: 47.018 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037614.D

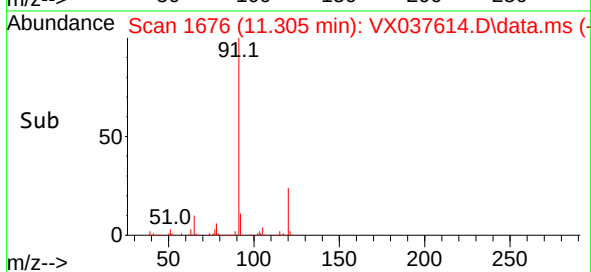
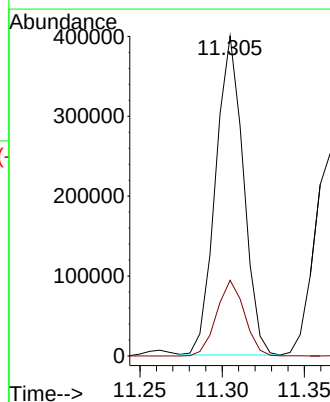
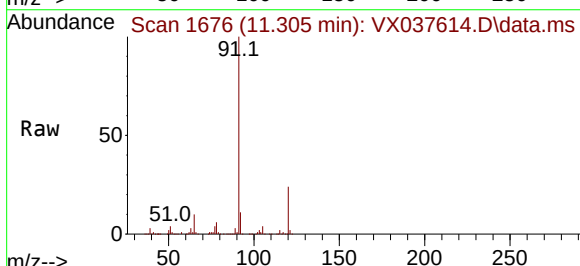
Acq: 08 Sep 2023 20:16

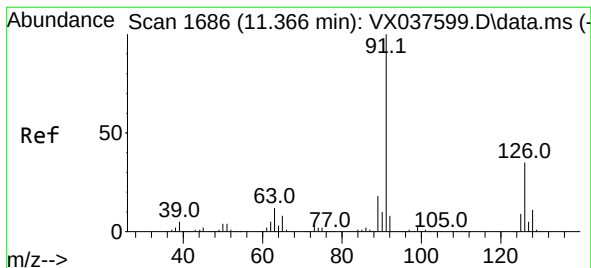
Tgt Ion: 91 Resp: 468844

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





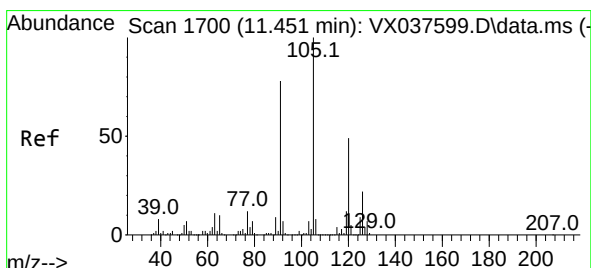
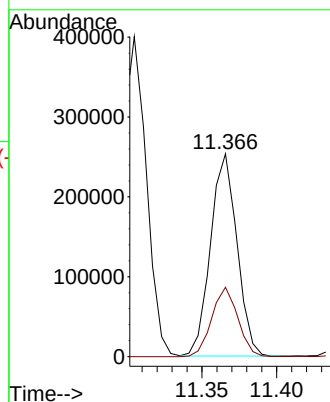
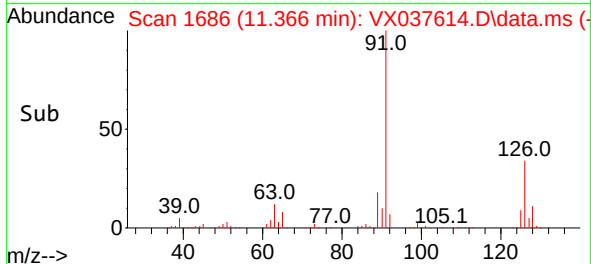
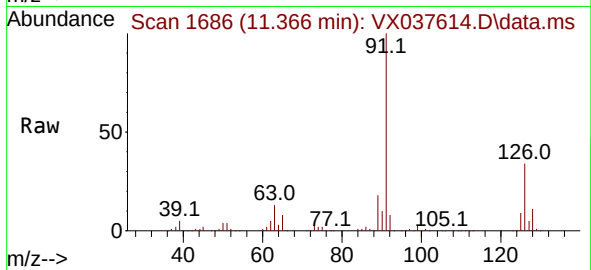
#79
2-Chlorotoluene
Concen: 49.190 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 311664
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

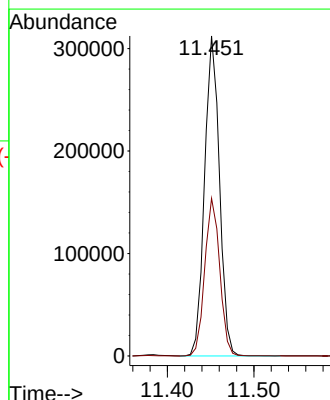
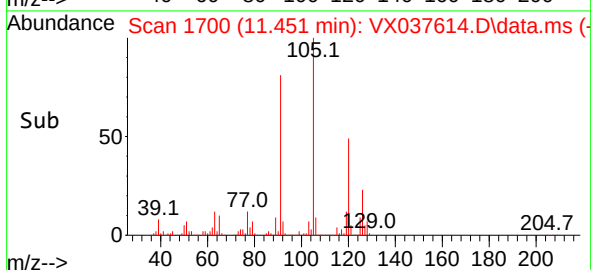
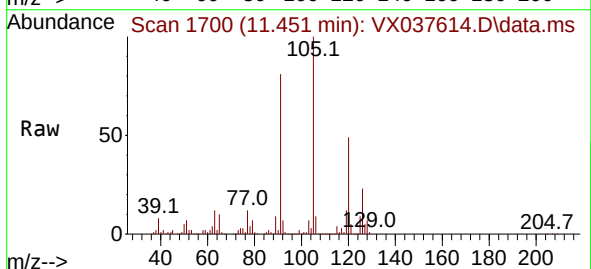
Manual Integrations
APPROVED

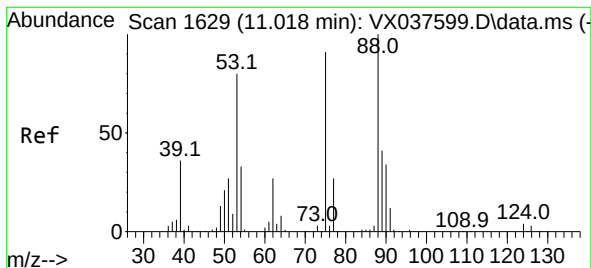
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.993 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:105 Resp: 372607
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.3





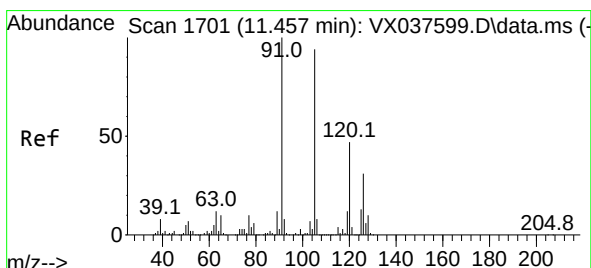
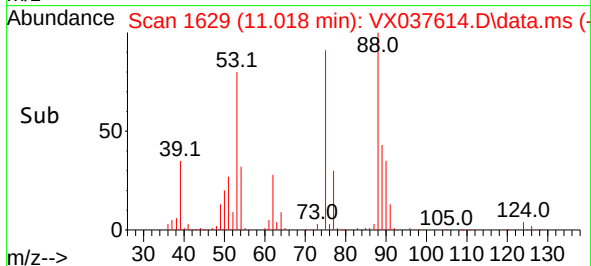
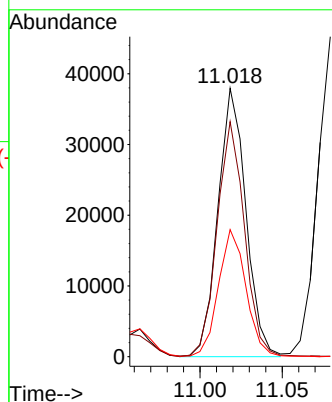
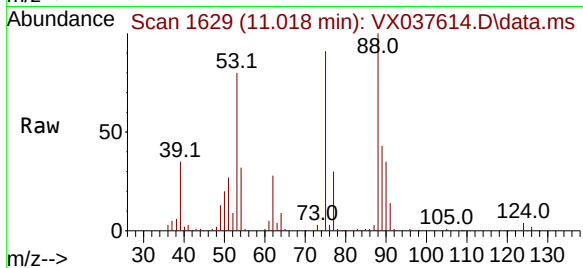
#81
trans-1,4-Dichloro-2-butene
Concen: 49.230 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4490
Ion Ratio Lower Upper
75 100
53 85.9 90.5 135.7
89 46.8 36.9 55.3

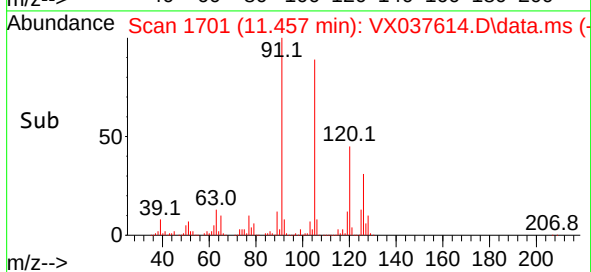
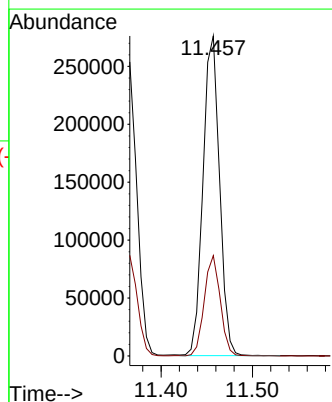
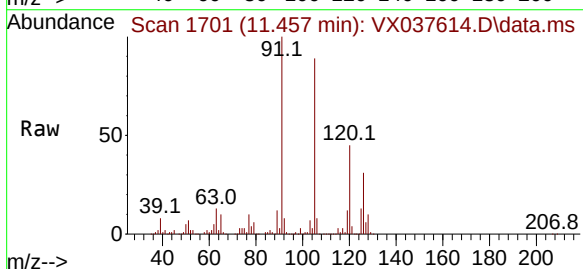
Manual Integrations
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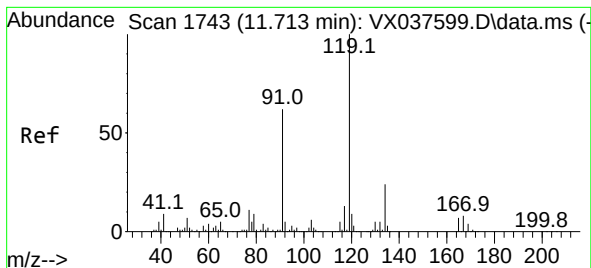
Reviewed By :John Carlone 09/09/2023
Supervised By :Mahesh Dadoda 09/11/2023



#82
4-Chlorotoluene
Concen: 48.490 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion: 91 Resp: 346409
Ion Ratio Lower Upper
91 100
126 30.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.275 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 377810

Ion Ratio Lower Upper

119 100

91 54.4 31.2 93.6

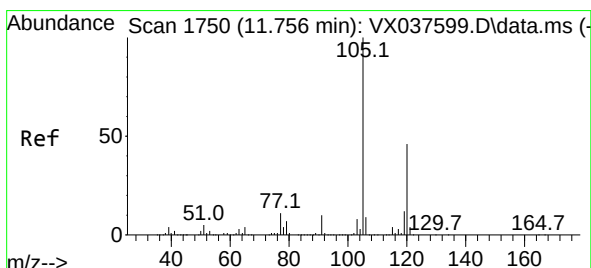
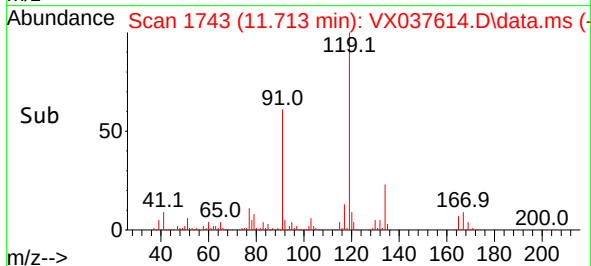
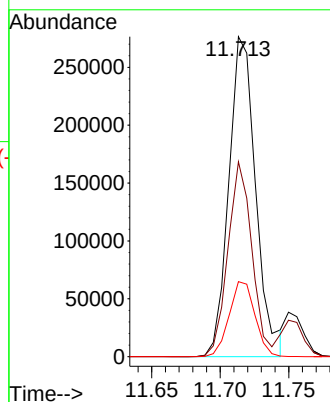
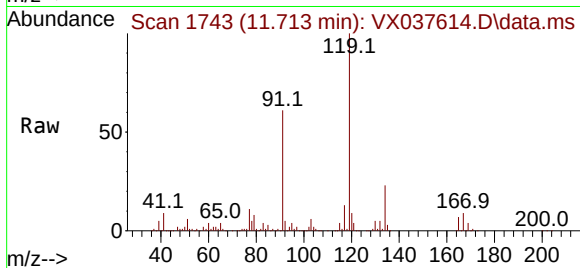
134 22.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.992 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037614.D

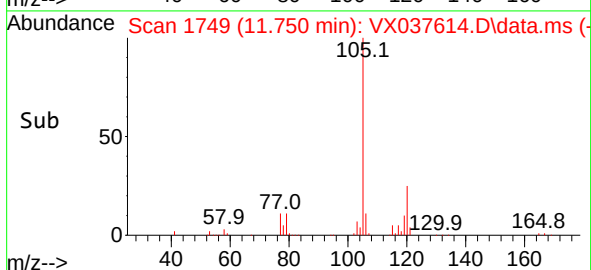
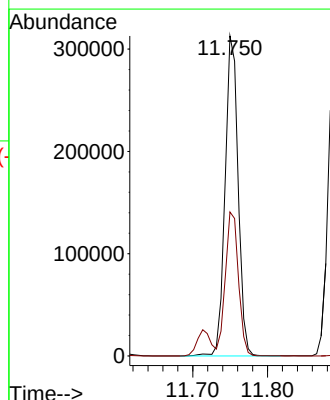
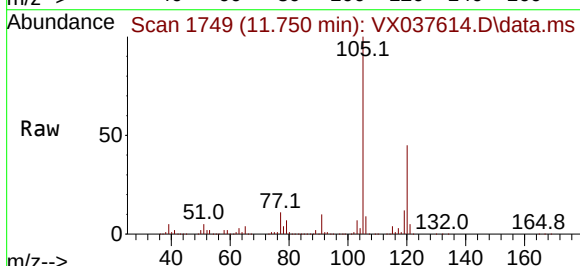
Acq: 08 Sep 2023 20:16

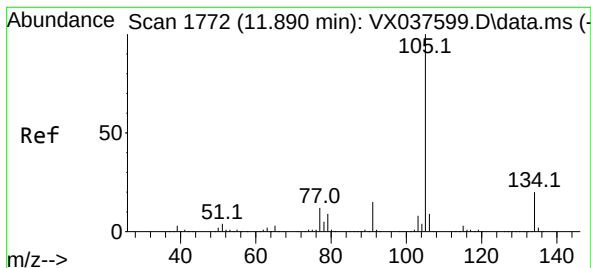
Tgt Ion:105 Resp: 380127

Ion Ratio Lower Upper

105 100

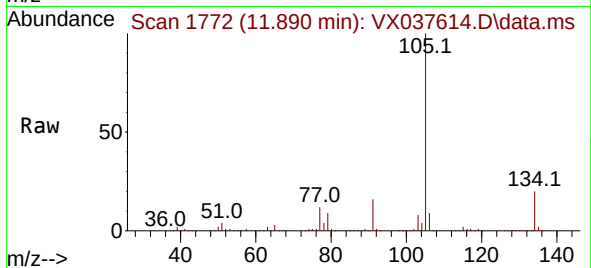
120 45.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 45.935 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037614.D
 Acq: 08 Sep 2023 20:16

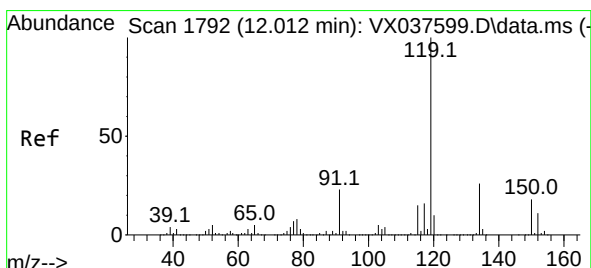
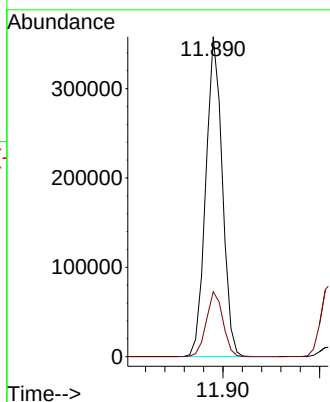
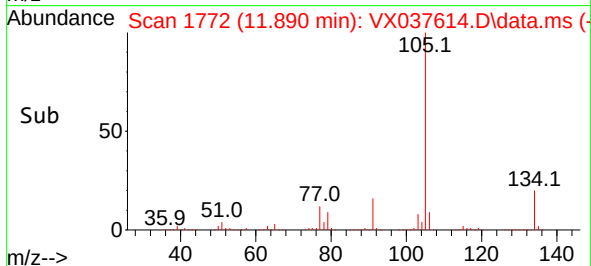
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



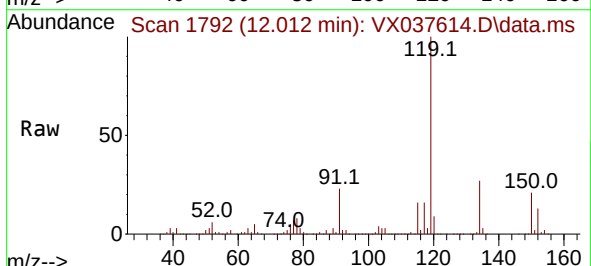
Tgt Ion:105 Resp: 42459
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4

Manual Integrations
 APPROVED

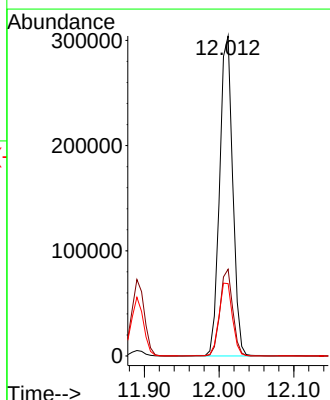
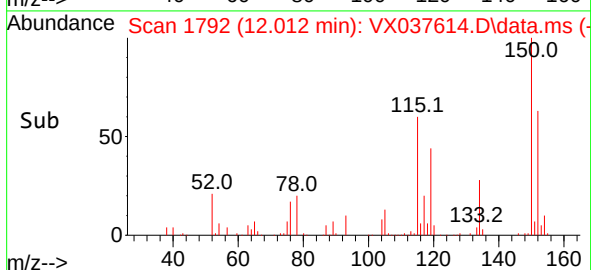
Reviewed By :John Carlone 09/09/2023
 Supervised By :Mahesh Dadoda 09/11/2023

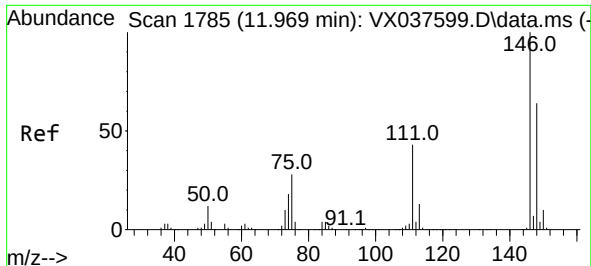


#86
 p-Isopropyltoluene
 Concen: 47.296 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX037614.D
 Acq: 08 Sep 2023 20:16



Tgt Ion:119 Resp: 370243
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.798 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 201840

Ion Ratio Lower Upper

146 100

111 42.0 22.1 66.1

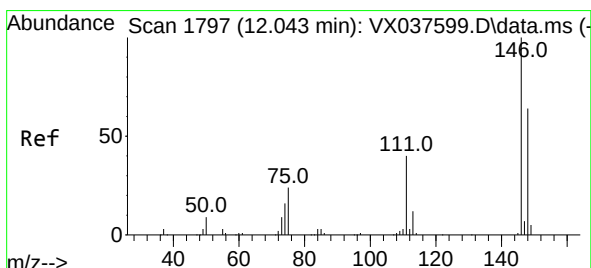
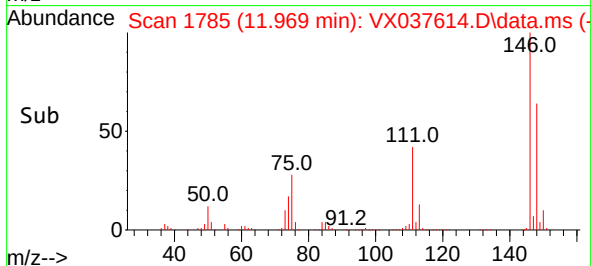
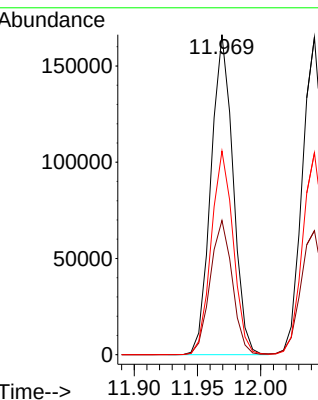
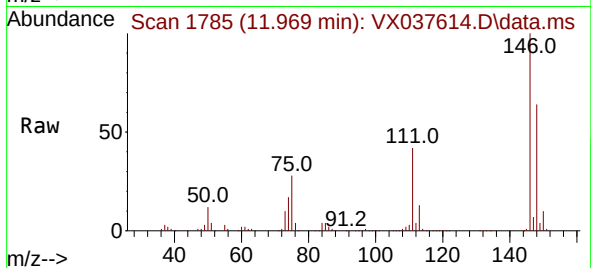
148 63.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#88

1,4-Dichlorobenzene

Concen: 46.711 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

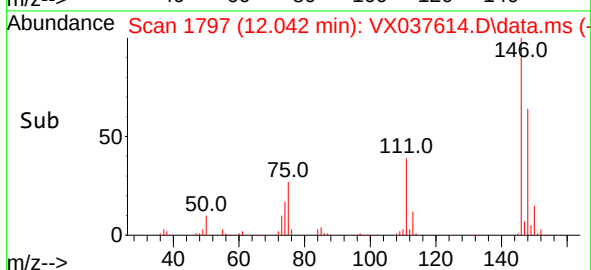
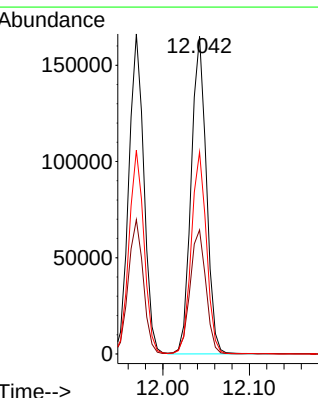
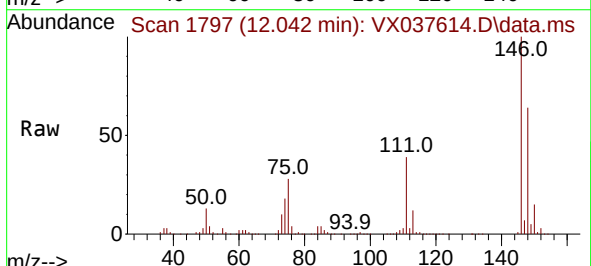
Tgt Ion:146 Resp: 200664

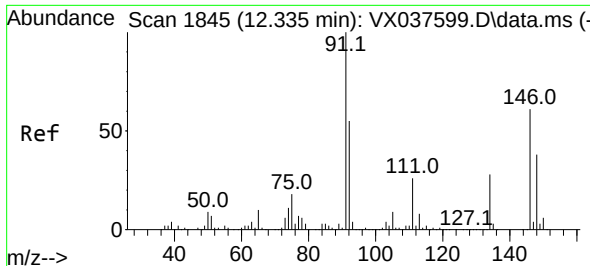
Ion Ratio Lower Upper

146 100

111 40.9 21.3 63.7

148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 44.913 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 28888

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

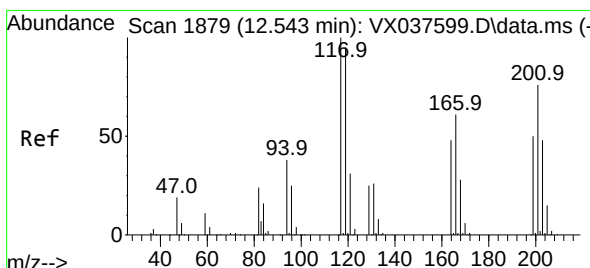
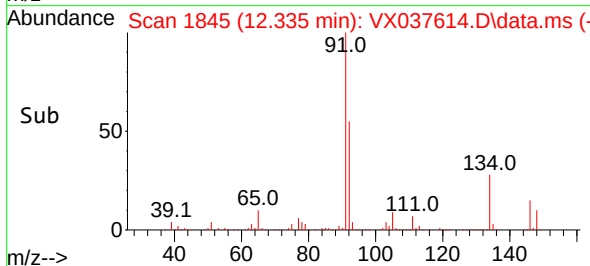
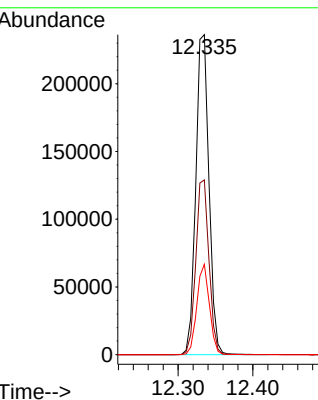
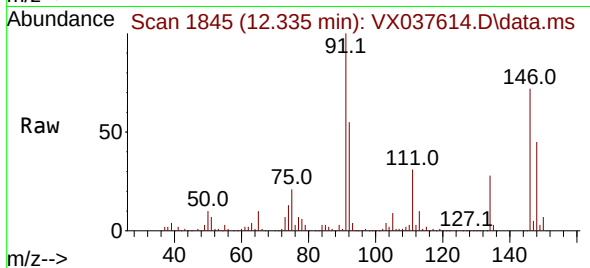
134 27.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#90

Hexachloroethane

Concen: 51.079 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VX037614.D

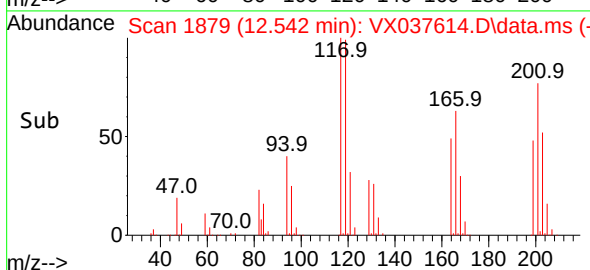
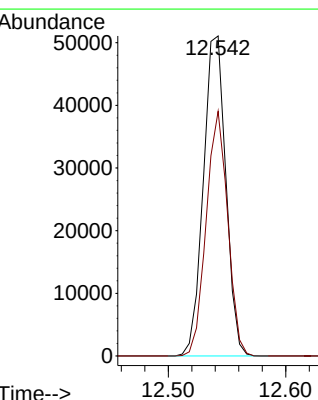
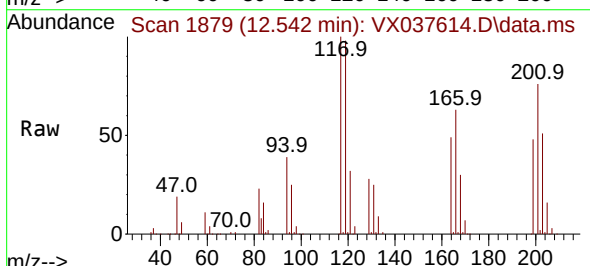
Acq: 08 Sep 2023 20:16

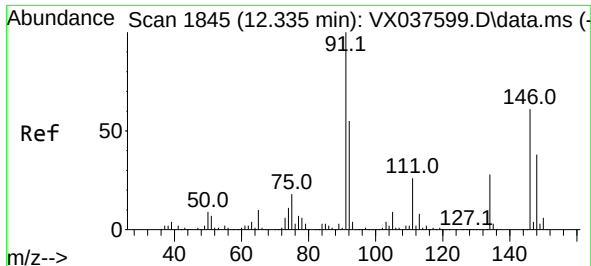
Tgt Ion:117 Resp: 67947

Ion Ratio Lower Upper

117 100

201 72.9 32.9 98.6





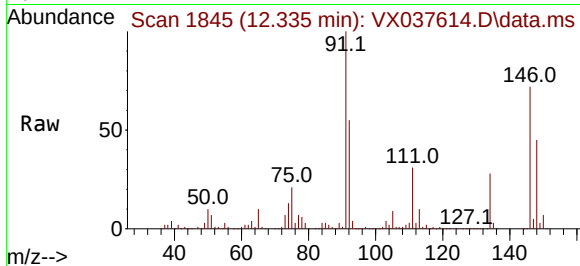
#91
1,2-Dichlorobenzene
Concen: 49.158 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



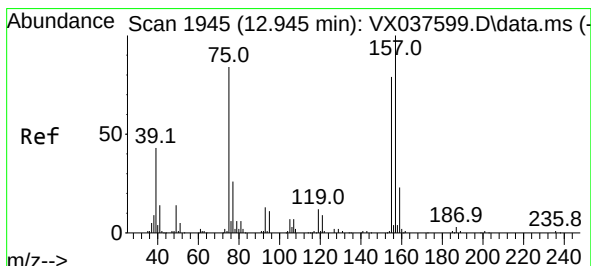
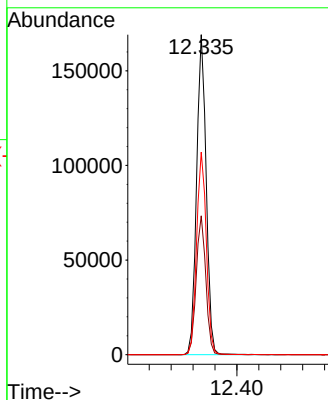
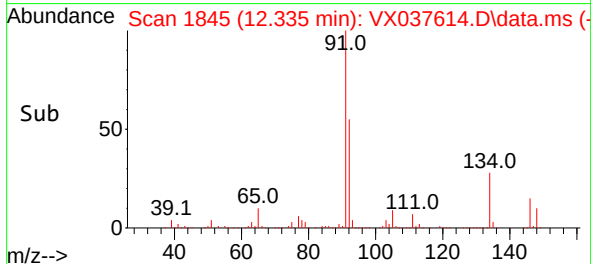
Tgt Ion:146 Resp: 206778
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations

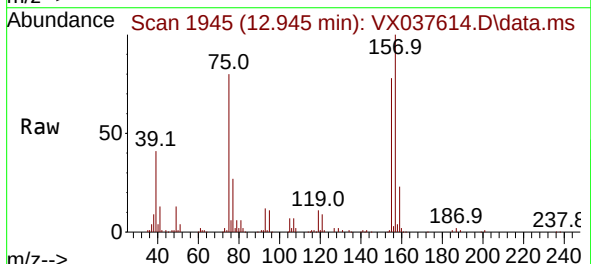
APPROVED

Reviewed By :John Carlone 09/09/2023

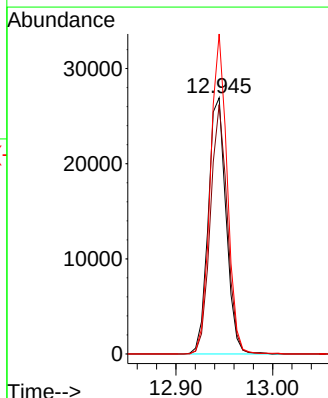
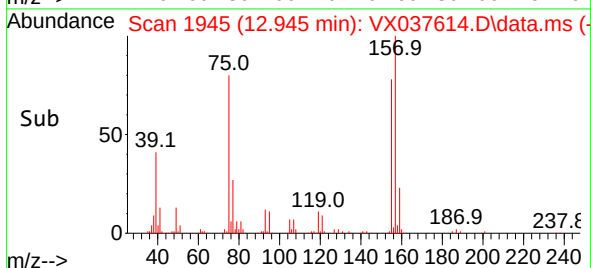
Supervised By :Mahesh Dadoda 09/11/2023

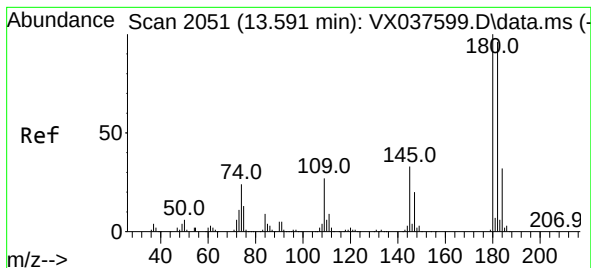


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.986 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16



Tgt Ion: 75 Resp: 34488
Ion Ratio Lower Upper
75 100
155 92.5 36.1 108.5
157 117.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.674 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 118749

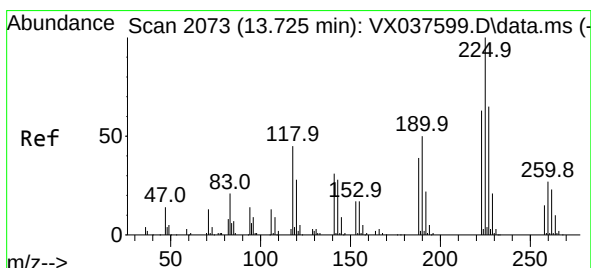
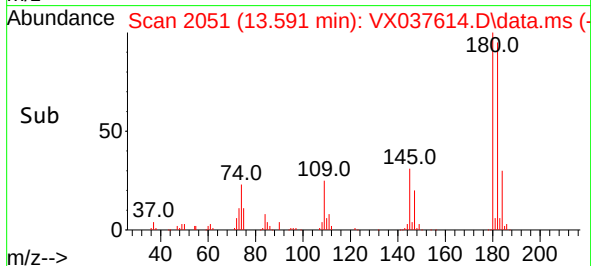
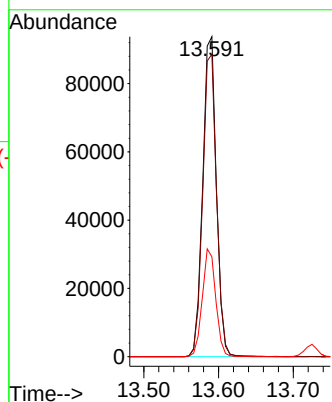
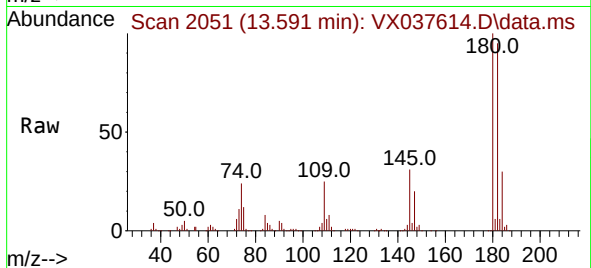
Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.3	144.8
145	33.2	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#94

Hexachlorobutadiene

Concen: 38.378 ug/l

RT: 13.725 min Scan# 2073

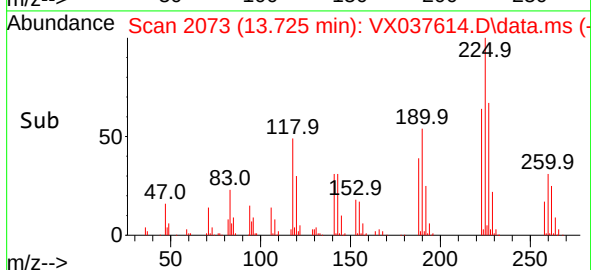
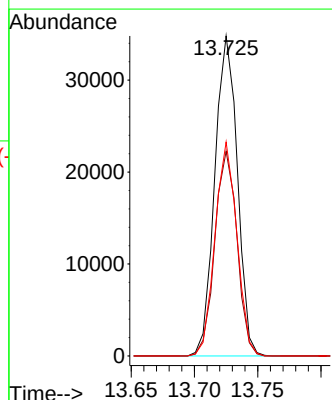
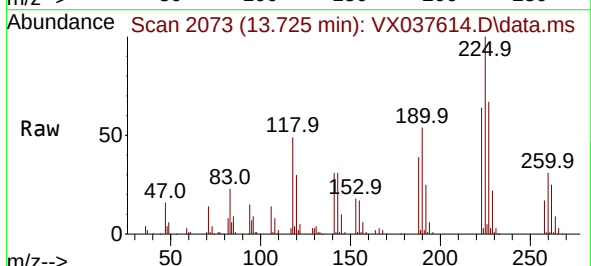
Delta R.T. -0.000 min

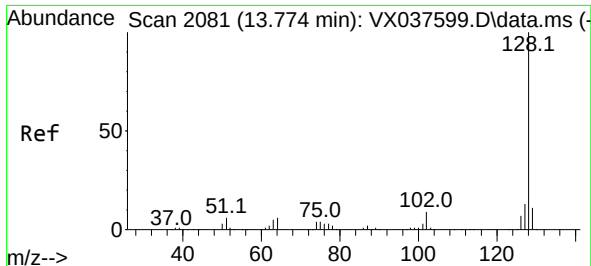
Lab File: VX037614.D

Acq: 08 Sep 2023 20:16

Tgt Ion:225 Resp: 43101

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.1	93.2
227	64.9	32.5	97.5





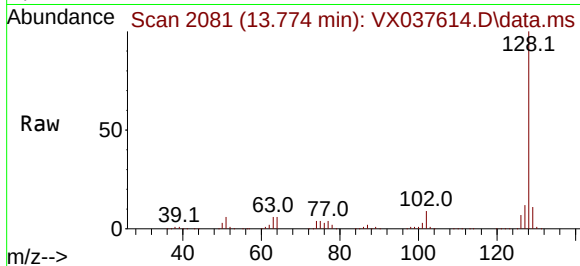
#95
Naphthalene
Concen: 51.651 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



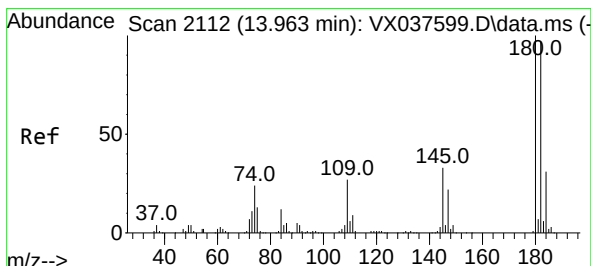
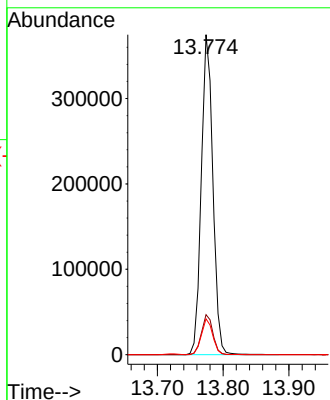
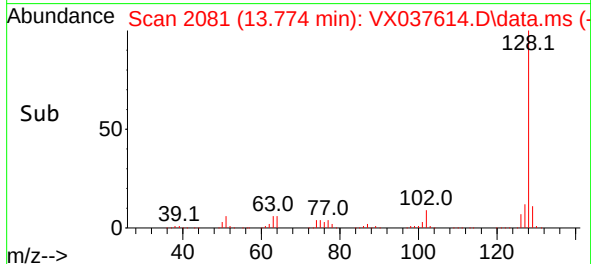
Tgt Ion:128 Resp: 459045
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2023

Supervised By :Mahesh Dadoda 09/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.932 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037614.D
Acq: 08 Sep 2023 20:16

Tgt Ion:180 Resp: 123337
Ion Ratio Lower Upper
180 100
182 95.5 46.9 140.6
145 35.1 17.8 53.5

