

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036708.D
 Acq On : 31 Jul 2023 10:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 04:32:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	296113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118736	45.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.440%		
35) Dibromofluoromethane	5.379	113	98634	48.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	343891	47.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	11.079	95	132420	48.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	97395	42.006	ug/l	97
3) Chloromethane	1.300	50	89144	42.272	ug/l	98
4) Vinyl Chloride	1.374	62	97092	45.221	ug/l	99
5) Bromomethane	1.599	94	62551	48.798	ug/l	97
6) Chloroethane	1.678	64	50334	48.219	ug/l	97
7) Trichlorofluoromethane	1.886	101	161851	48.814	ug/l	99
8) Diethyl Ether	2.130	74	58792	45.832	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	94689	47.534	ug/l	98
10) Methyl Iodide	2.447	142	93244	45.066	ug/l	91
11) Tert butyl alcohol	2.959	59	139864	227.490	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	89260	45.418	ug/l	88
13) Acrolein	2.233	56	99233	282.817	ug/l	99
14) Allyl chloride	2.660	41	166437	43.007	ug/l #	94
15) Acrylonitrile	3.062	53	277618	224.534	ug/l	99
16) Acetone	2.380	43	264597	245.534	ug/l #	89
17) Carbon Disulfide	2.508	76	223987	41.295	ug/l	98
18) Methyl Acetate	2.703	43	200804	44.294	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	347480	47.050	ug/l	100
20) Methylene Chloride	2.788	84	103424	43.154	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	98570	44.876	ug/l	93
22) Diisopropyl ether	3.757	45	327574	44.580	ug/l	87
23) Vinyl Acetate	3.721	43	1264561	224.355	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	188917	45.857	ug/l	97
25) 2-Butanone	4.550	43	395102	225.978	ug/l	92
26) 2,2-Dichloropropane	4.471	77	178281	45.926	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	119861	45.944	ug/l	94
28) Bromochloromethane	4.897	49	95266	47.814	ug/l	90
29) Tetrahydrofuran	4.995	42	243026	215.596	ug/l	92
30) Chloroform	5.092	83	198403	47.073	ug/l	97
31) Cyclohexane	5.464	56	155845	43.342	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	179045	46.361	ug/l	98
36) 1,1-Dichloropropene	5.690	75	142215	46.879	ug/l	98
37) Ethyl Acetate	4.708	43	152155	44.314	ug/l	97
38) Carbon Tetrachloride	5.672	117	158504	49.146	ug/l	99
39) Methylcyclohexane	7.379	83	172889	45.833	ug/l	94
40) Benzene	6.031	78	413117	46.806	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	82071	44.690	ug/l	92
42) 1,2-Dichloroethane	6.086	62	157947	48.945	ug/l	96
43) Isopropyl Acetate	6.336	43	265038	44.842	ug/l	96
44) Trichloroethene	7.123	130	111227	48.212	ug/l	97
45) 1,2-Dichloropropane	7.427	63	109872	46.625	ug/l	97
46) Dibromomethane	7.580	93	78253	47.448	ug/l	95
47) Bromodichloromethane	7.818	83	164631	48.631	ug/l	98
48) Methyl methacrylate	7.690	41	124515	45.299	ug/l	91
49) 1,4-Dioxane	7.653	88	51363	924.983	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	741073	226.570	ug/l	95
52) Toluene	8.714	92	265858	48.072	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	185778	48.554	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	191876	47.523	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	111522	47.972	ug/l	97
56) Ethyl methacrylate	9.116	69	179874	47.516	ug/l	94
57) 1,3-Dichloropropane	9.305	76	189009	48.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	437442	234.524	ug/l	98
59) 2-Hexanone	9.427	43	556002	229.044	ug/l	94
60) Dibromochloromethane	9.518	129	128522	50.299	ug/l	100
61) 1,2-Dibromoethane	9.610	107	117872	48.923	ug/l	100
64) Tetrachloroethene	9.269	164	93702	47.580	ug/l	97
65) Chlorobenzene	10.079	112	284384	48.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	112971	50.221	ug/l	98
67) Ethyl Benzene	10.195	91	515862	48.520	ug/l	99
68) m/p-Xylenes	10.299	106	391067	98.582	ug/l	98
69) o-Xylene	10.640	106	192081	48.509	ug/l	99
70) Styrene	10.652	104	319818	48.955	ug/l	98
71) Bromoform	10.799	173	91303	50.140	ug/l #	100
73) Isopropylbenzene	10.963	105	508398	47.248	ug/l	98
74) N-amyl acetate	10.841	43	221414	44.126	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	165681	45.588	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	139791m	45.710	ug/l	
77) Bromobenzene	11.195	156	117011	47.750	ug/l	96
78) n-propylbenzene	11.305	91	589858	47.400	ug/l	99
79) 2-Chlorotoluene	11.366	91	350786	46.519	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	426990	47.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	58783	43.567	ug/l	85
82) 4-Chlorotoluene	11.451	91	403618	46.976	ug/l	99
83) tert-Butylbenzene	11.713	119	421408	47.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	422881	46.974	ug/l	97
85) sec-Butylbenzene	11.890	105	531392	48.184	ug/l	98
86) p-Isopropyltoluene	12.006	119	445311	49.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	220857	48.662	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	220858	49.035	ug/l	99
89) n-Butylbenzene	12.329	91	400470	49.298	ug/l	99
90) Hexachloroethane	12.536	117	86741	47.150	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	213332	48.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38014	45.012	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	137166	50.834	ug/l	96
94) Hexachlorobutadiene	13.725	225	54717	49.016	ug/l	98
95) Naphthalene	13.774	128	458532	48.764	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	132543	49.838	ug/l	98

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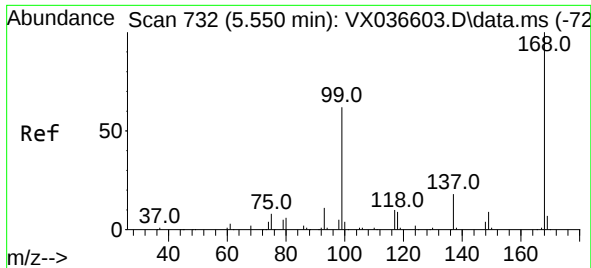
Manual Integrations
APPROVED

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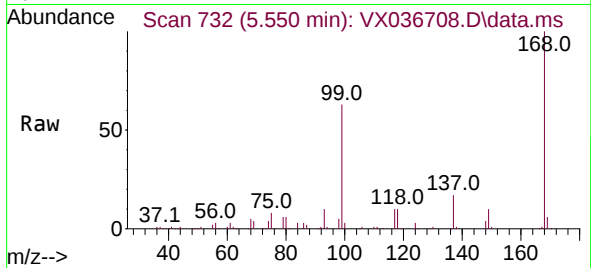
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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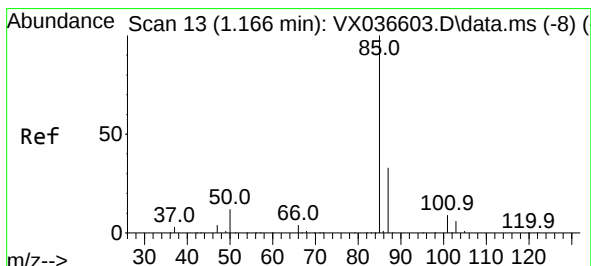
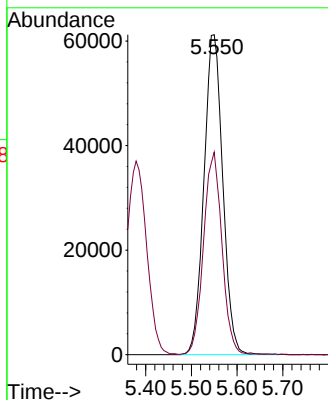
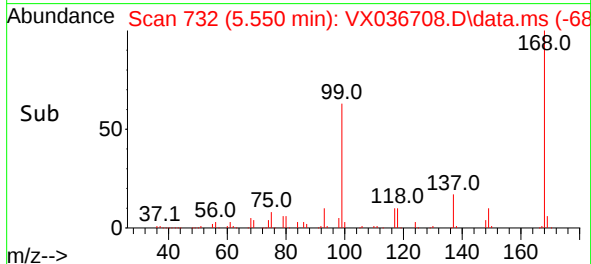
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



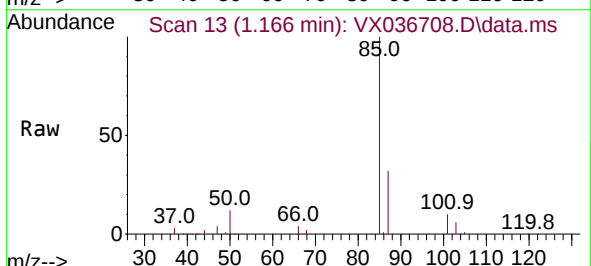
Tgt Ion:168 Resp: 175512
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0

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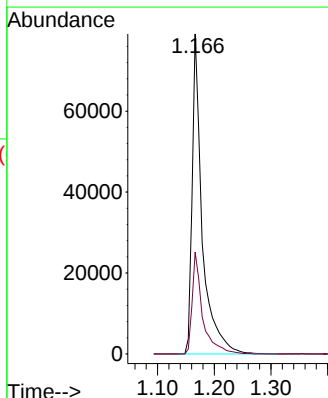
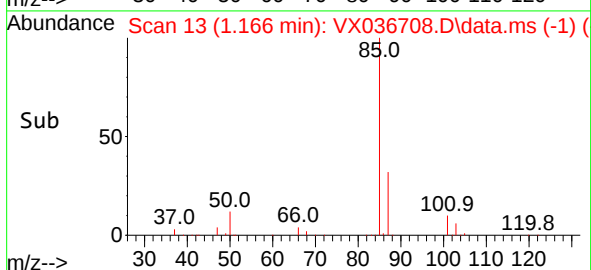
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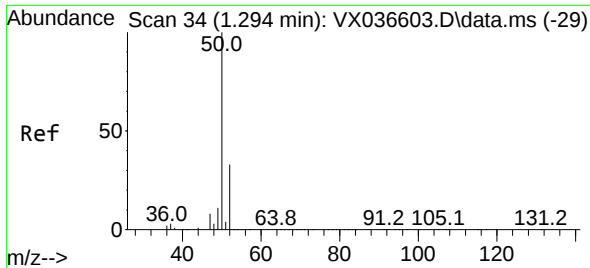


#2
Dichlorodifluoromethane
Concen: 42.006 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



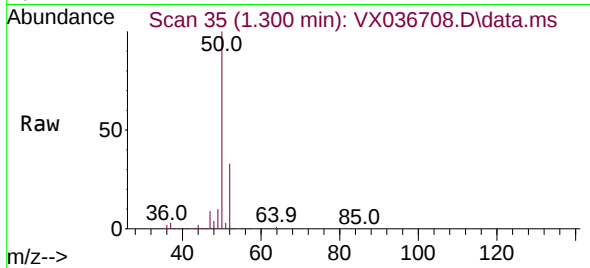
Tgt Ion: 85 Resp: 97395
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 42.272 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

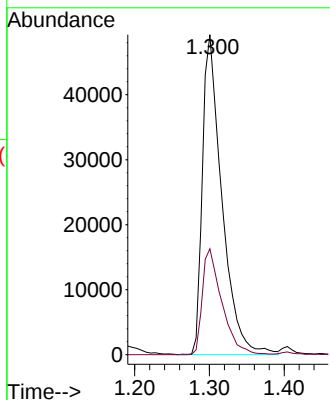
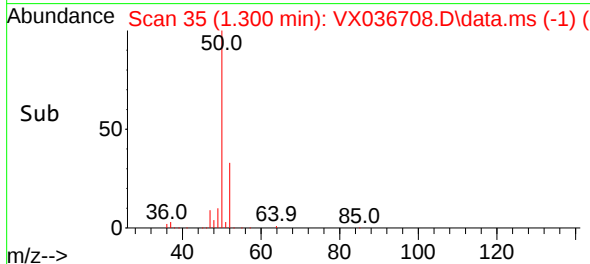
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 89144
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

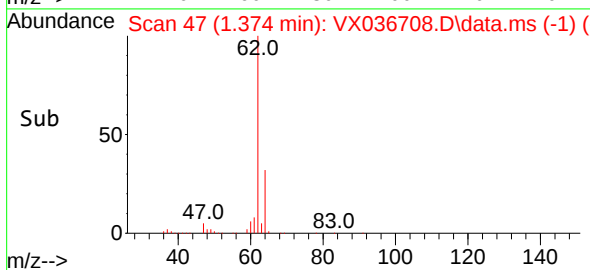
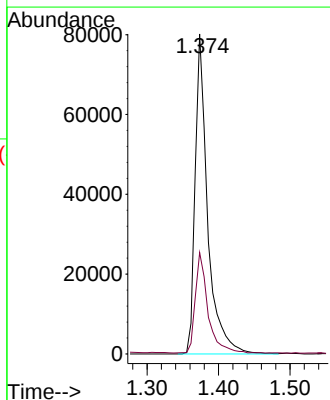
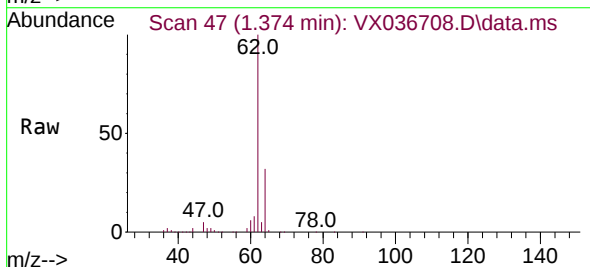
Manual Integrations
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Supervised By :Mahesh Dadoda 08/01/2023



#4
Vinyl Chloride
Concen: 45.221 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

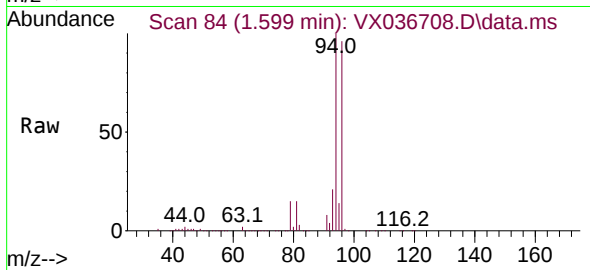
Tgt Ion: 62 Resp: 97092
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 48.798 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

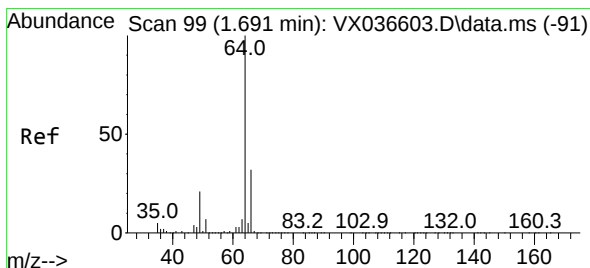
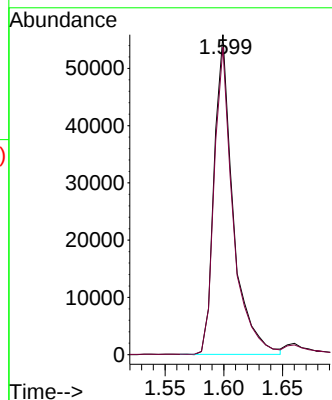
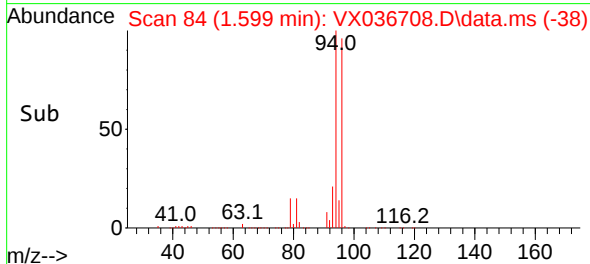
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 6255
Ion Ratio Lower Upper
94 100
96 96.0 74.6 111.8

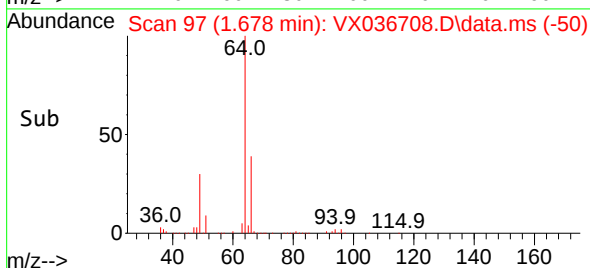
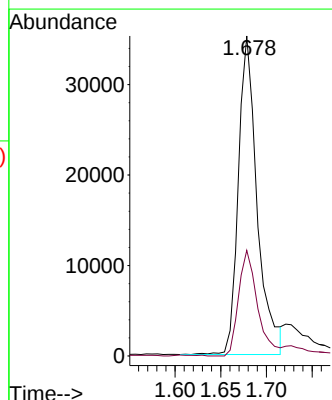
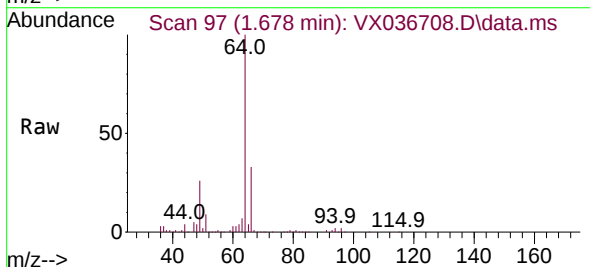
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#6
Chloroethane
Concen: 48.219 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

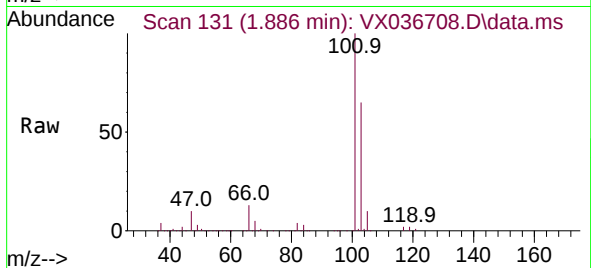
Tgt Ion: 64 Resp: 50334
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 48.814 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

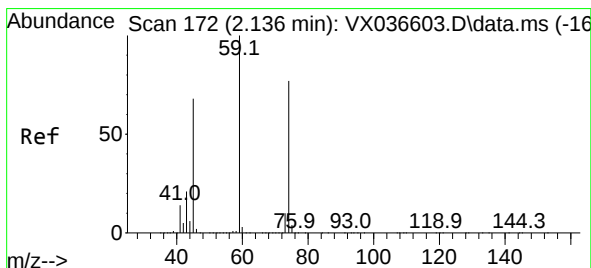
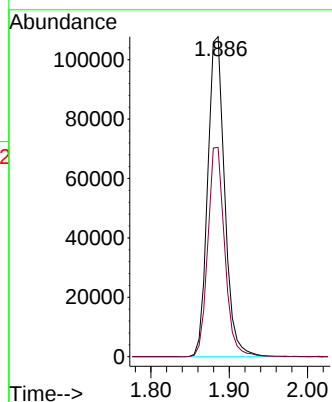
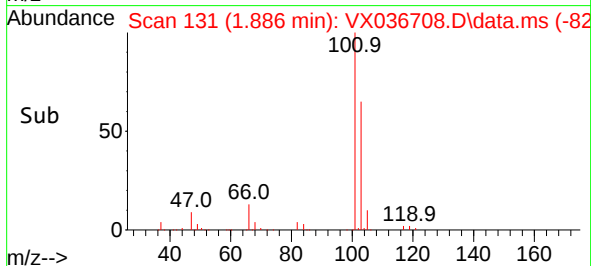
Instrument :
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Tgt Ion:101 Resp: 16185
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

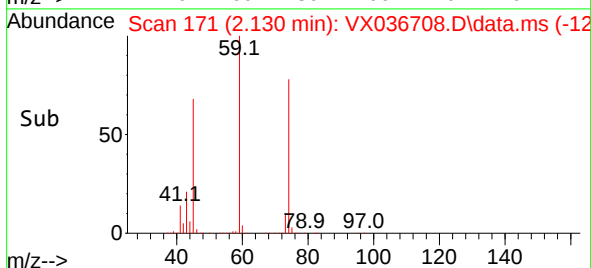
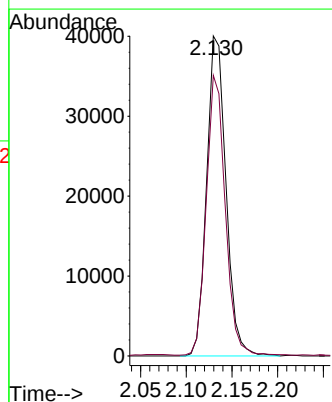
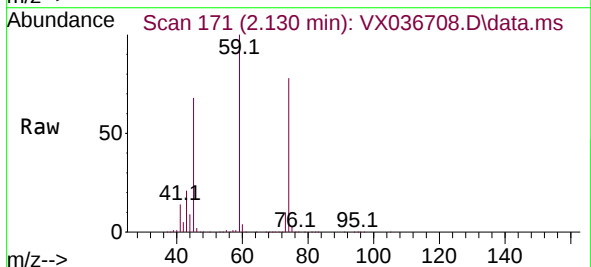
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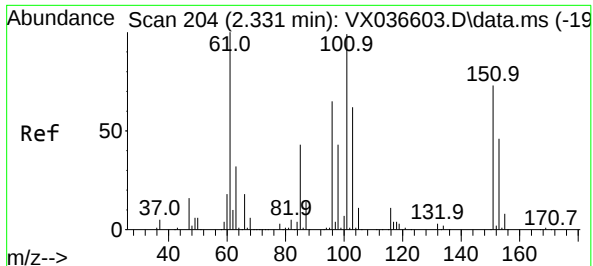
Reviewed By :John Carlone 08/01/2023
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#8
 Diethyl Ether
 Concen: 45.832 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

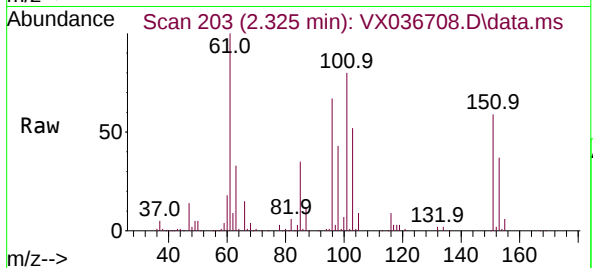
Tgt Ion: 74 Resp: 58792
 Ion Ratio Lower Upper
 74 100
 45 85.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.534 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036708.D
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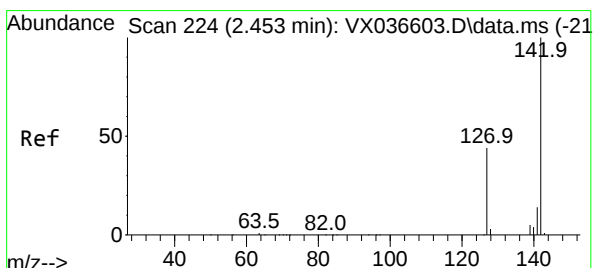
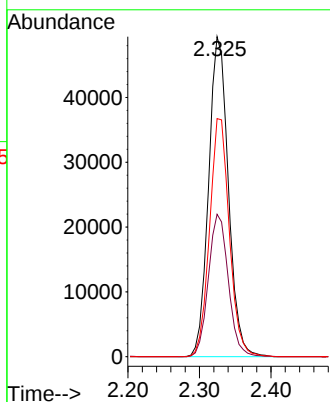
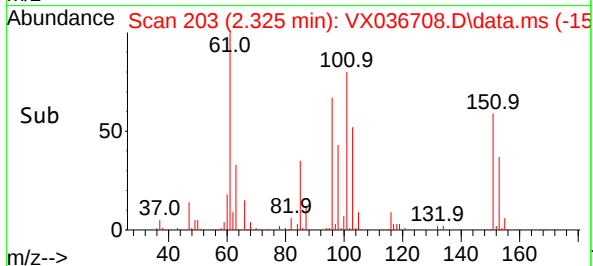
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Tgt Ion:101 Resp: 94689
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 74.5 58.6 87.8

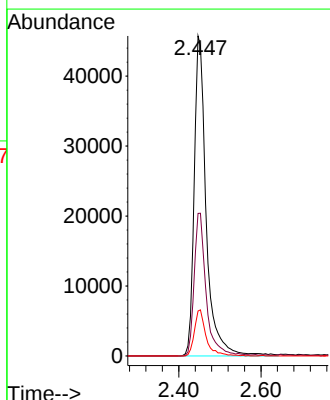
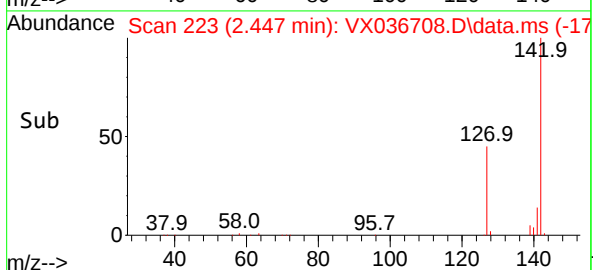
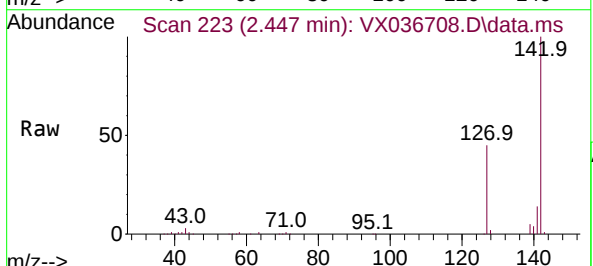
Manual Integrations
APPROVED

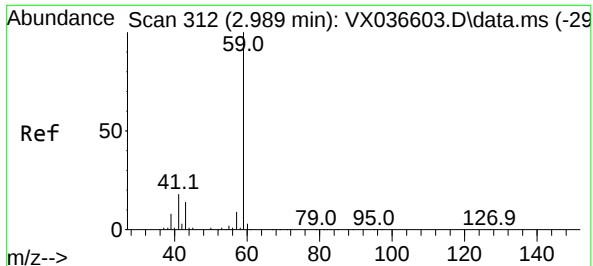
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 45.066 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:142 Resp: 93244
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 14.0 11.6 17.4





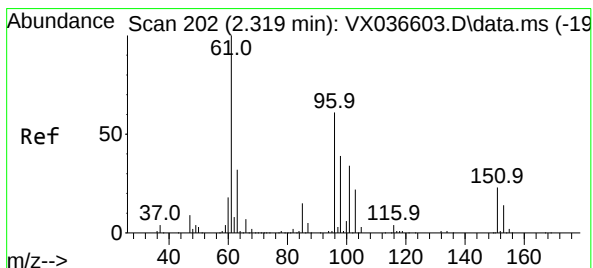
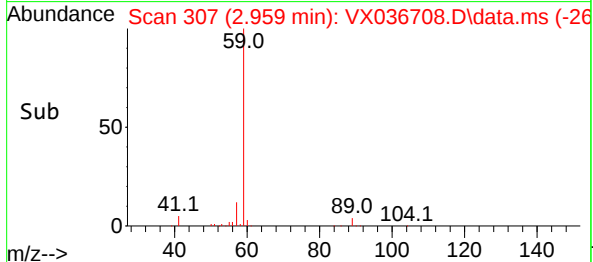
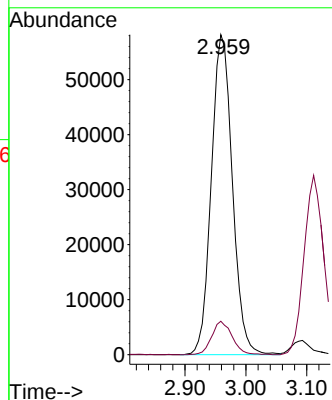
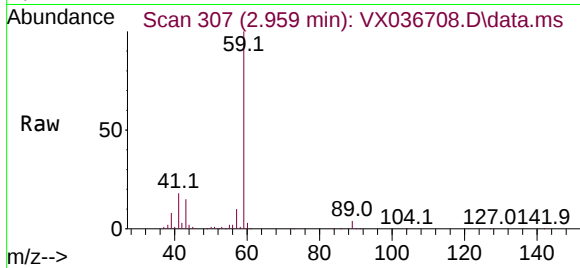
#11
Tert butyl alcohol
Concen: 227.490 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.031 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 139864
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

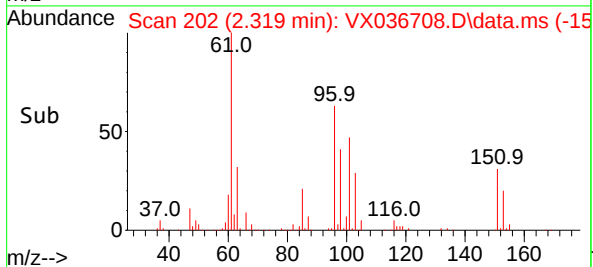
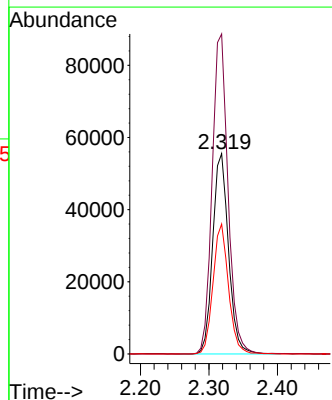
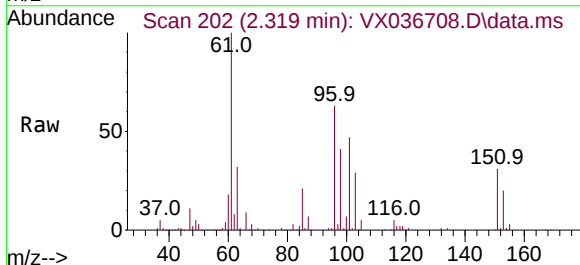
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#12
1,1-Dichloroethene
Concen: 45.418 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

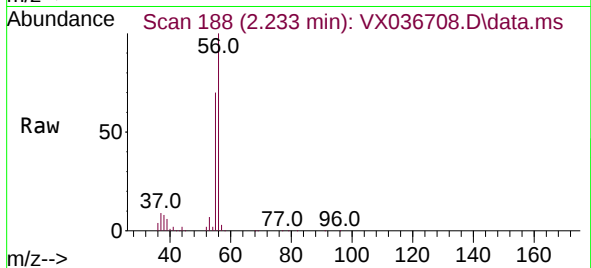
Tgt Ion: 96 Resp: 89260
Ion Ratio Lower Upper
96 100
61 159.7 144.6 216.8
98 64.9 50.4 75.6





#13
Acrolein
Concen: 282.817 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

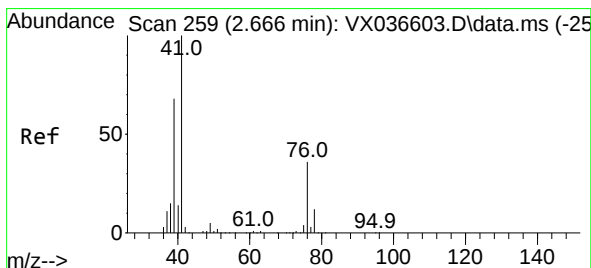
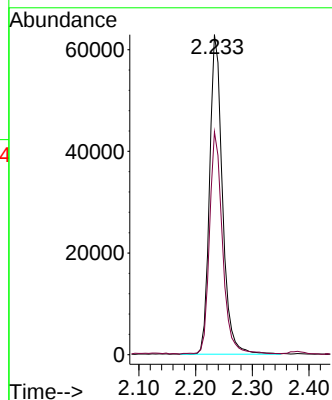
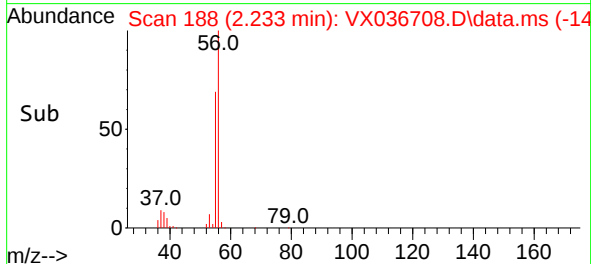
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9923
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

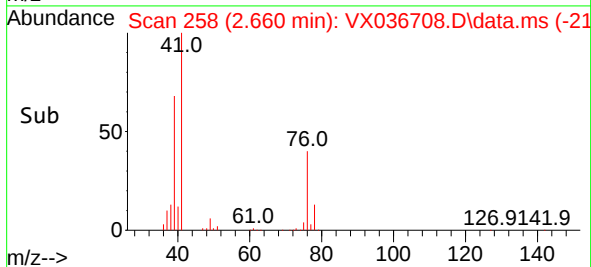
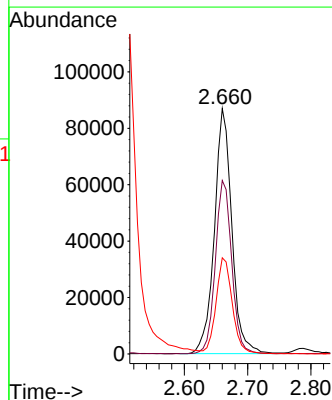
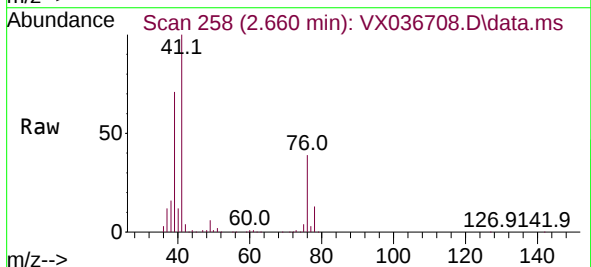
Manual Integrations
APPROVED

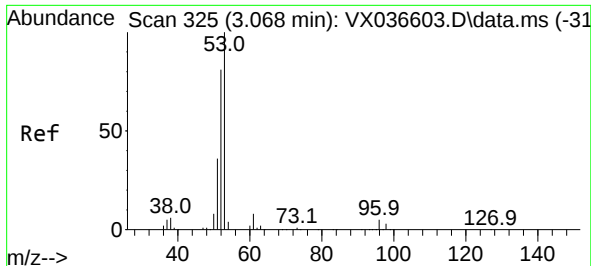
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Allyl chloride
Concen: 43.007 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 41 Resp: 166437
Ion Ratio Lower Upper
41 100
39 66.4 55.8 83.6
76 36.6 24.3 36.5





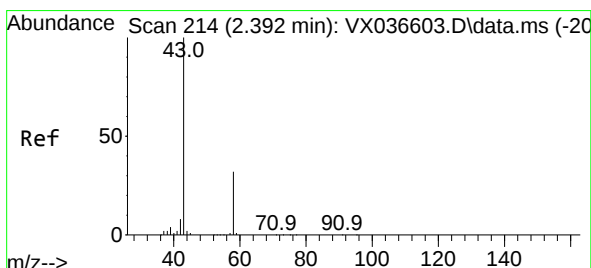
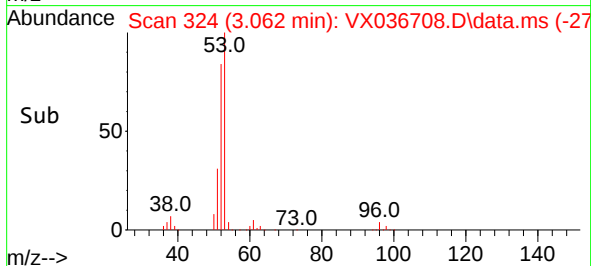
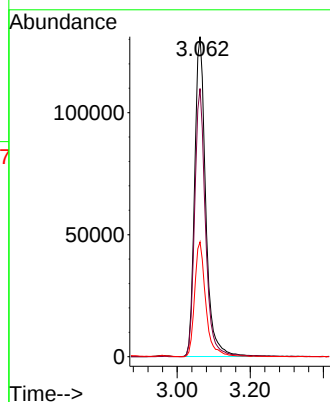
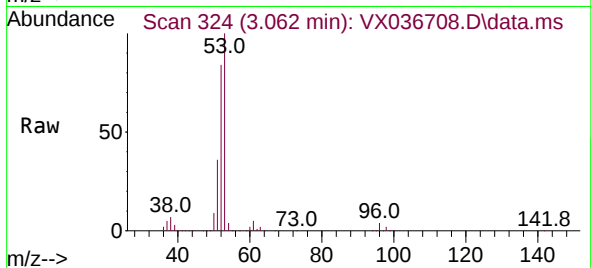
#15
Acrylonitrile
Concen: 224.534 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 277618
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 36.1 29.8 44.6

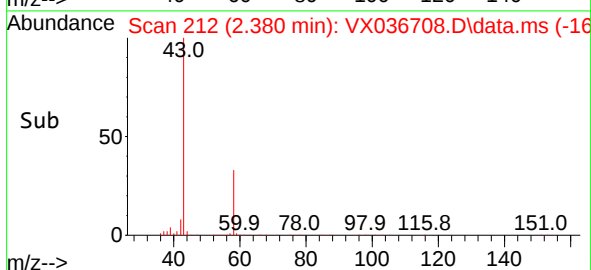
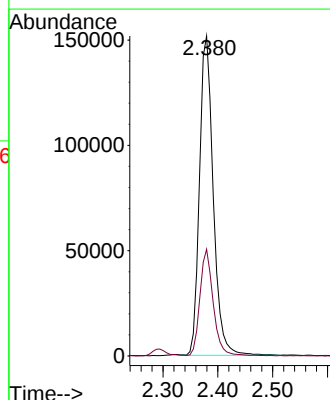
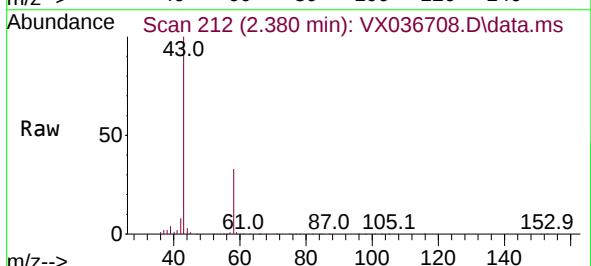
Manual Integrations
APPROVED

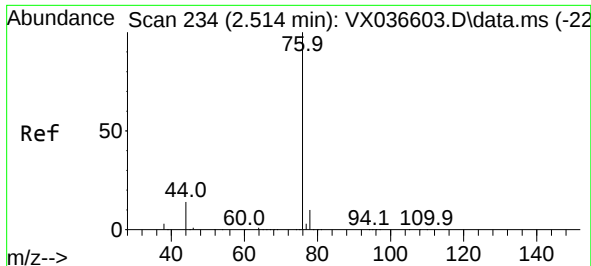
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 245.534 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 43 Resp: 264597
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9





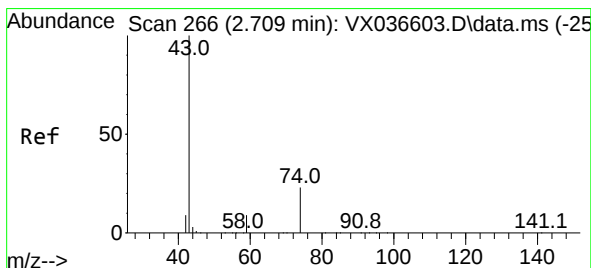
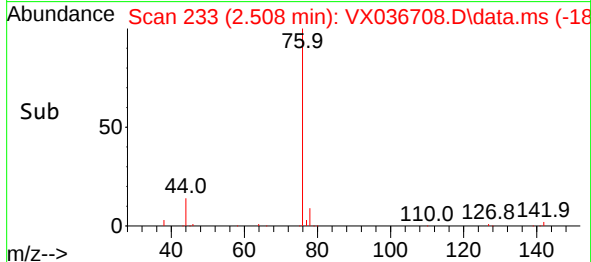
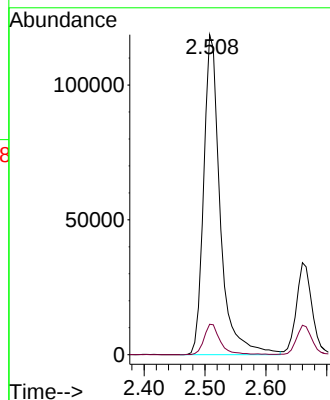
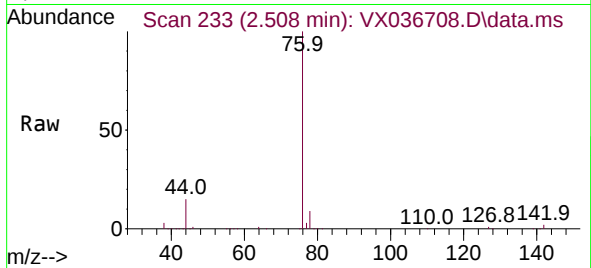
#17
Carbon Disulfide
Concen: 41.295 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 22398
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

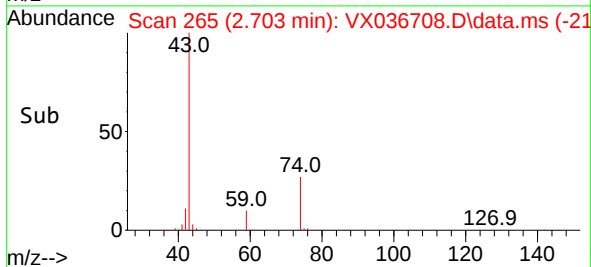
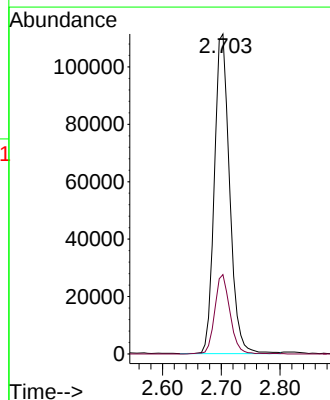
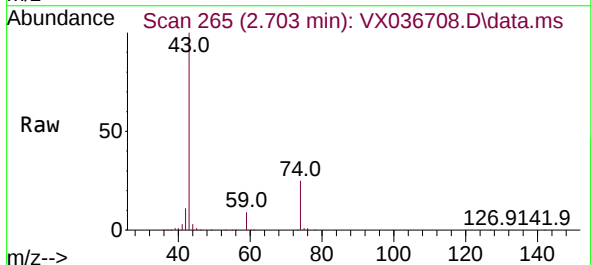
Manual Integrations
APPROVED

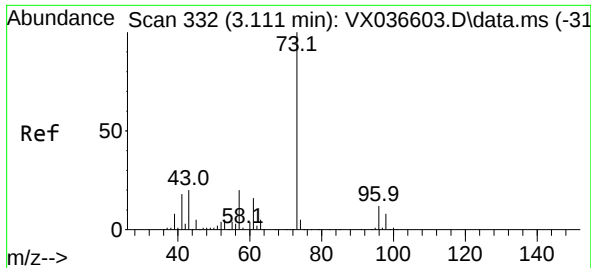
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 44.294 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

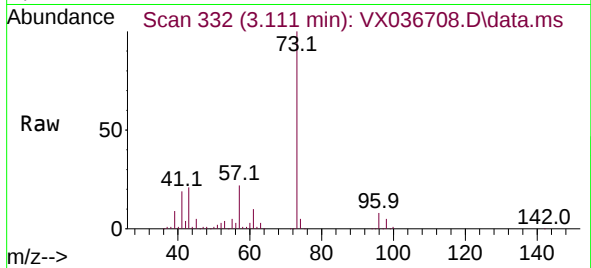
Tgt Ion: 43 Resp: 200804
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 47.050 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

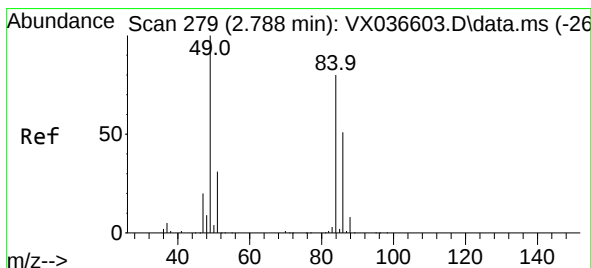
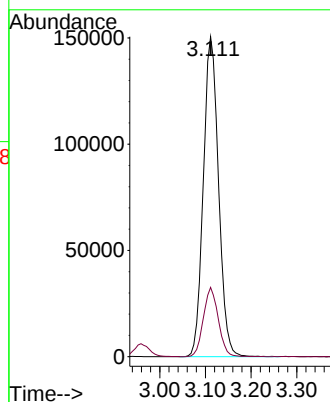
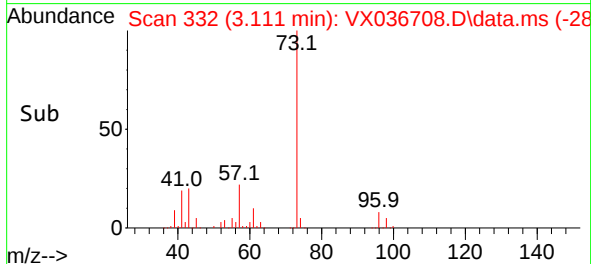
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 347480
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

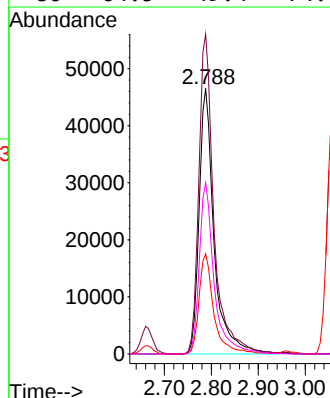
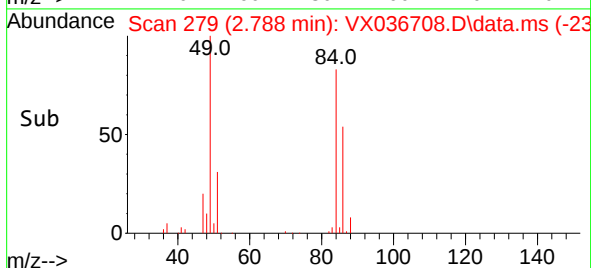
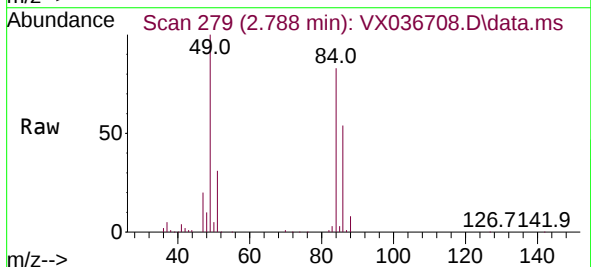
Manual Integrations
APPROVED

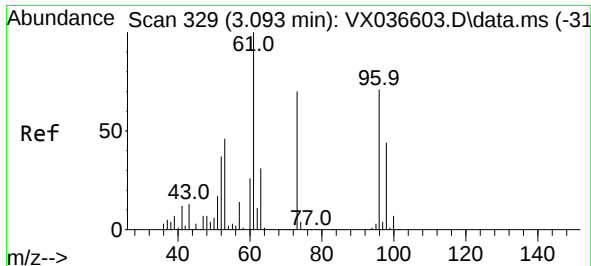
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#20
Methylene Chloride
Concen: 43.154 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

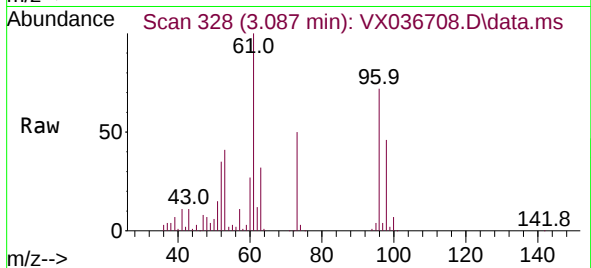
Tgt Ion: 84 Resp: 103424
Ion Ratio Lower Upper
84 100
49 120.5 103.6 155.4
51 37.8 33.8 50.6
86 64.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 44.876 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

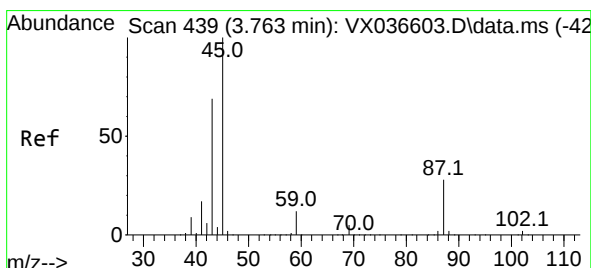
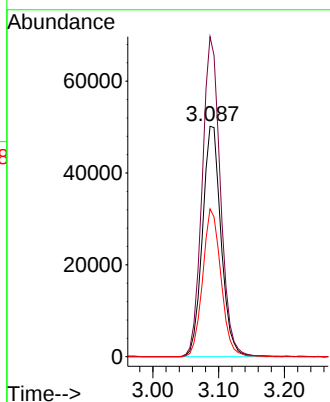
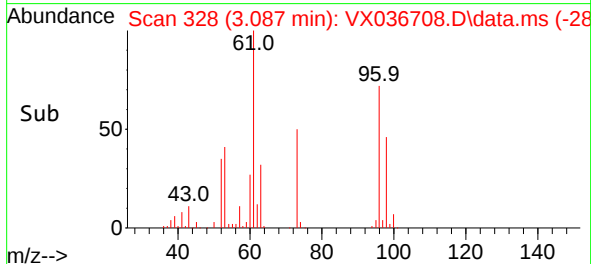
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



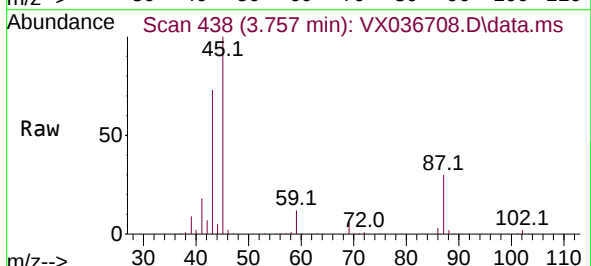
Tgt Ion: 96 Resp: 98570
Ion Ratio Lower Upper
96 100
61 138.9 119.2 178.8
98 64.2 48.7 73.1

Manual Integrations
APPROVED

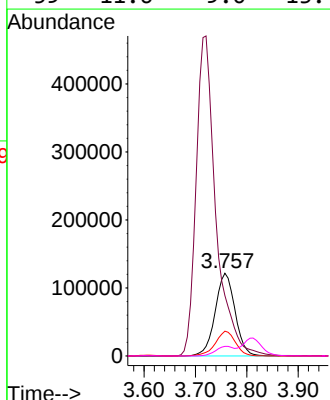
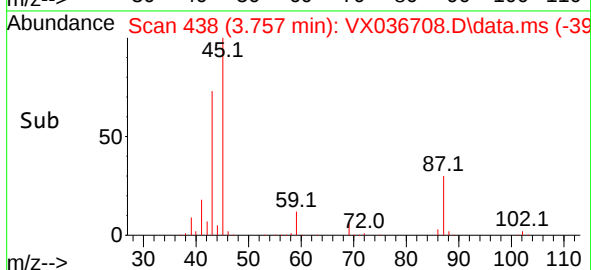
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

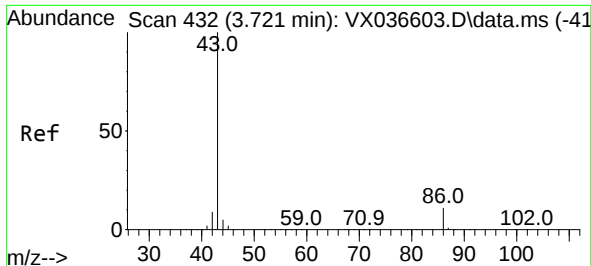


#22
Diisopropyl ether
Concen: 44.580 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



Tgt Ion: 45 Resp: 327574
Ion Ratio Lower Upper
45 100
43 72.6 69.7 104.5
87 29.9 20.8 31.2
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 224.355 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

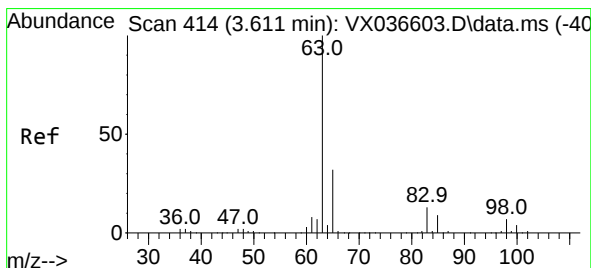
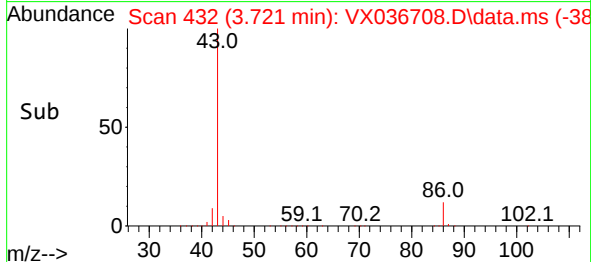
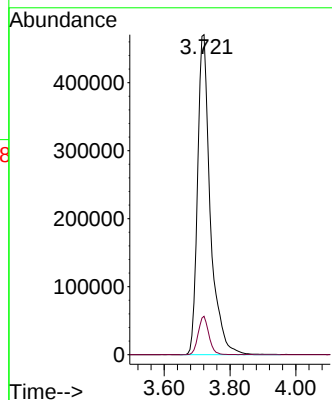
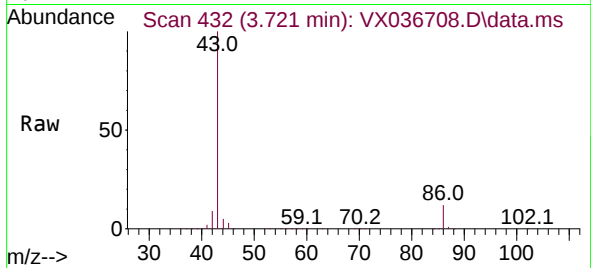
VSTDCCC050

Tgt Ion: 43 Resp: 126456
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8

Manual Integrations

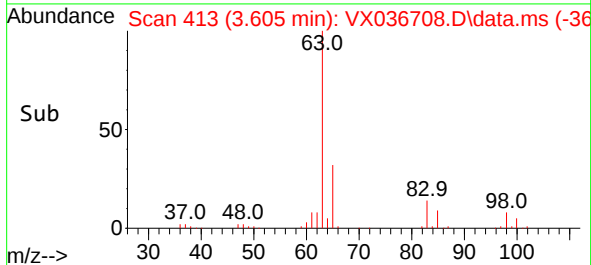
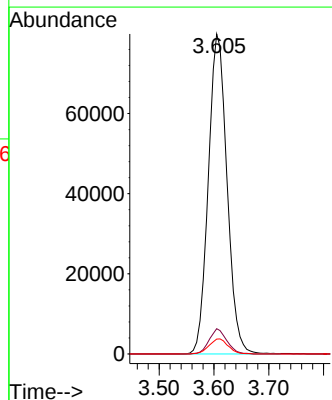
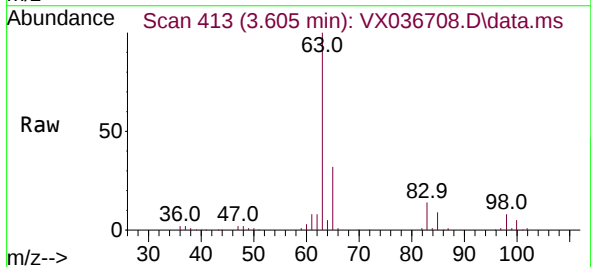
APPROVED

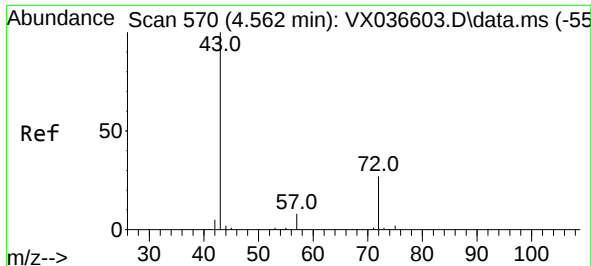
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 45.857 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

Tgt Ion: 63 Resp: 188917
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.6 2.1 6.5





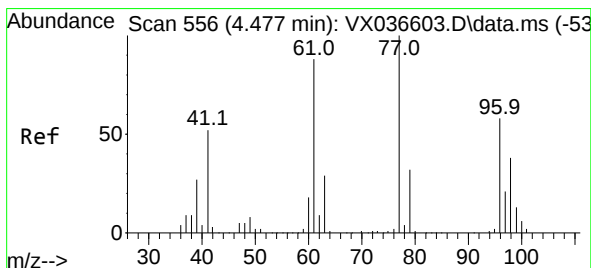
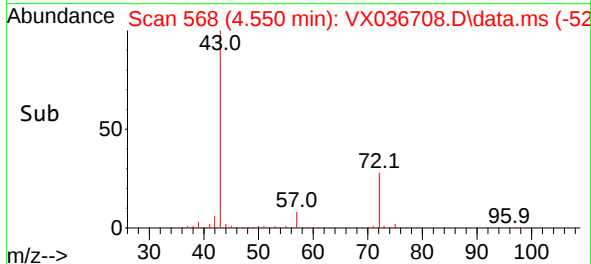
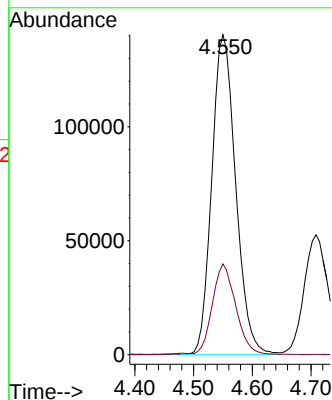
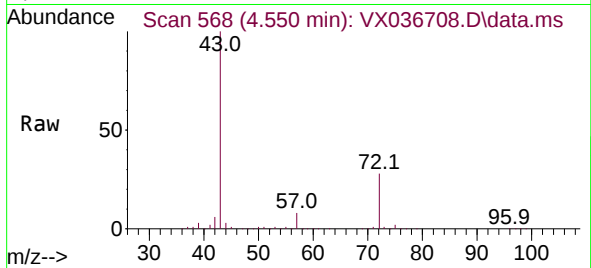
#25
2-Butanone
Concen: 225.978 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39510
Ion Ratio Lower Upper
43 100
72 28.3 19.4 29.2

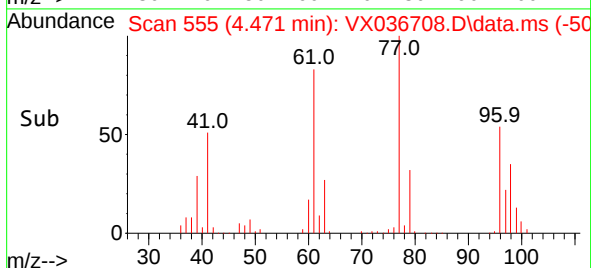
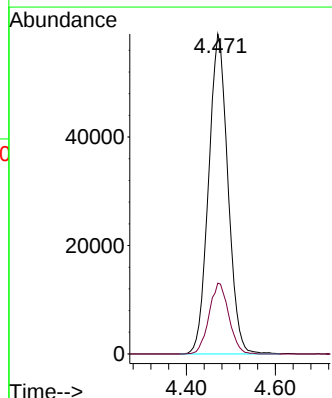
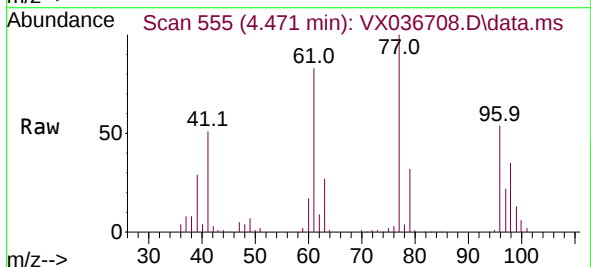
Manual Integrations
APPROVED

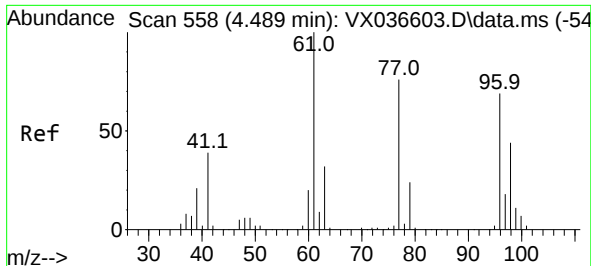
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
2,2-Dichloropropane
Concen: 45.926 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 77 Resp: 178281
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 45.944 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 11986

Ion Ratio Lower Upper

96 100

61 144.3 0.0 312.2

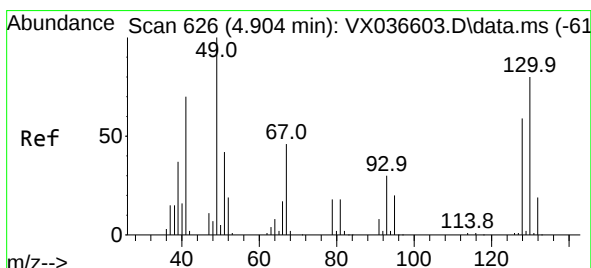
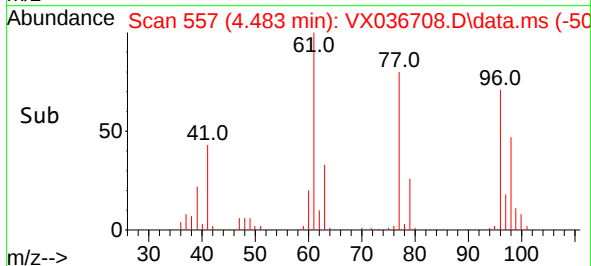
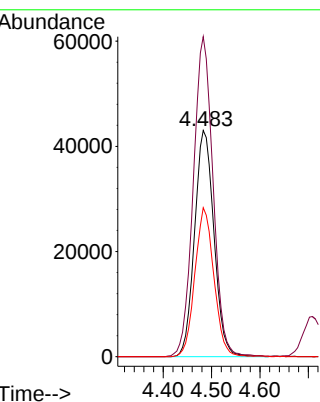
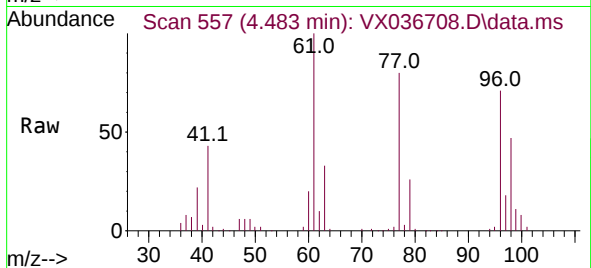
98 64.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#28

Bromochloromethane

Concen: 47.814 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

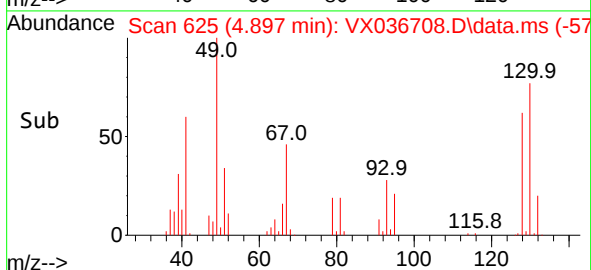
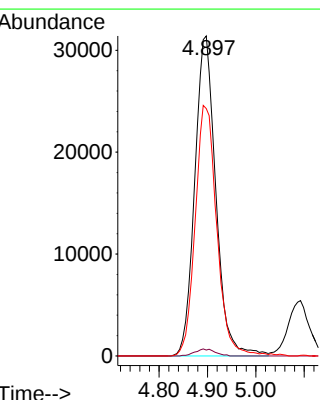
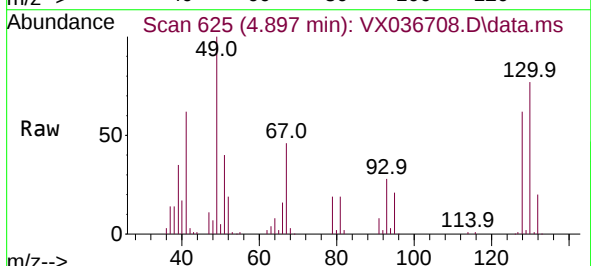
Tgt Ion: 49 Resp: 95266

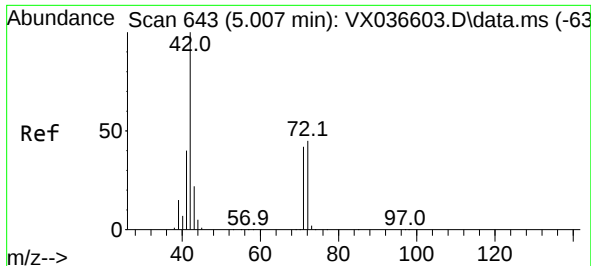
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 80.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 215.596 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.012 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 24302

Ion Ratio Lower Upper

42 100

72 48.5 34.2 51.4

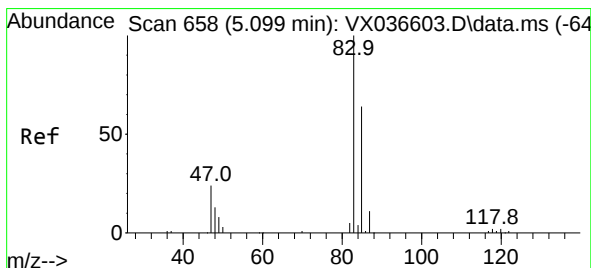
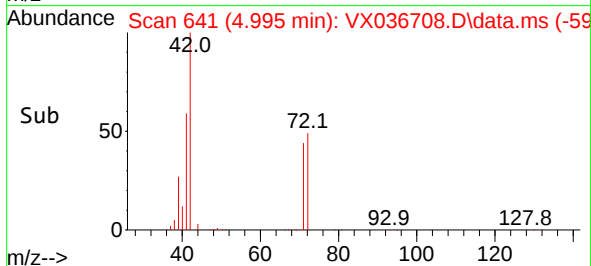
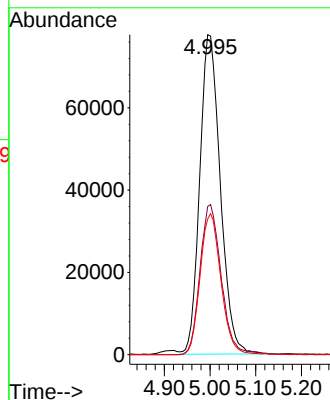
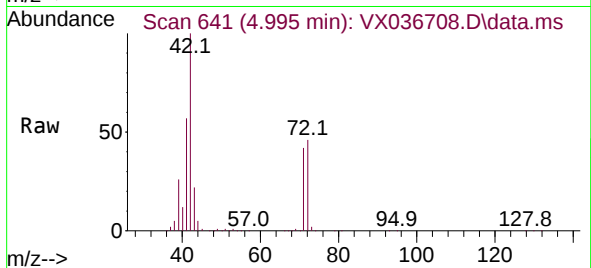
71 44.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 47.073 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036708.D

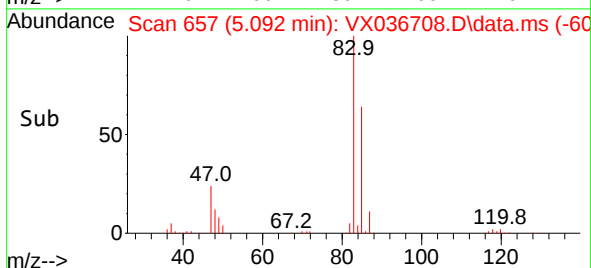
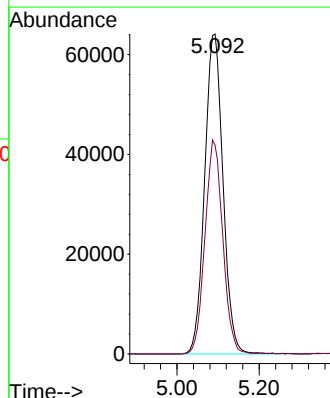
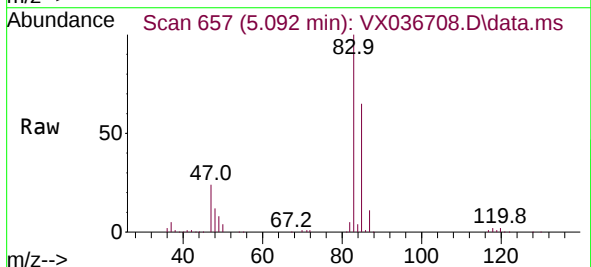
Acq: 31 Jul 2023 10:16

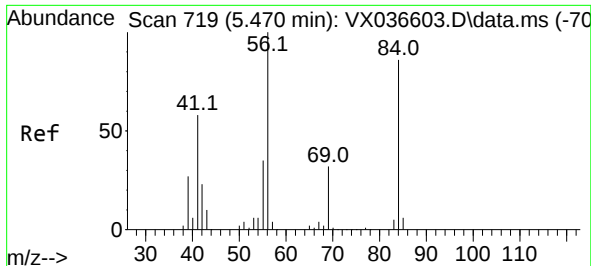
Tgt Ion: 83 Resp: 198403

Ion Ratio Lower Upper

83 100

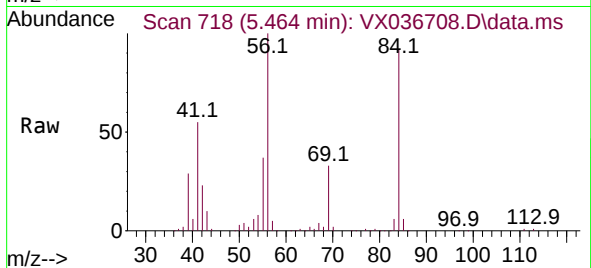
85 65.2 50.3 75.5





#31
Cyclohexane
Concen: 43.342 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

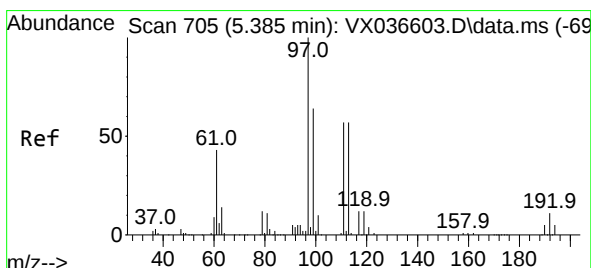
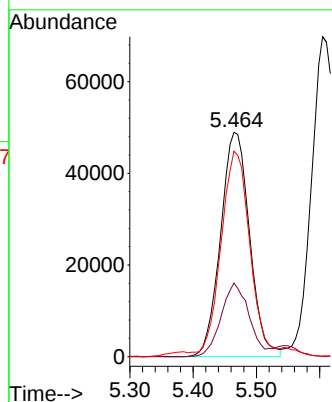
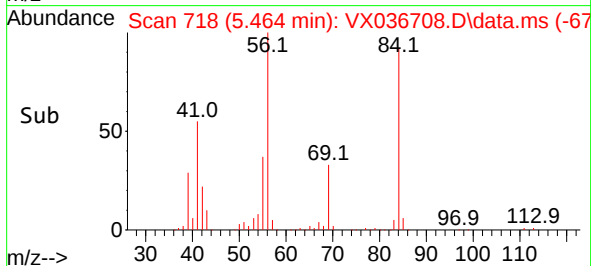
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 15584
Ion Ratio Lower Upper
56 100
69 32.8 23.4 35.2
84 89.5 65.9 98.9

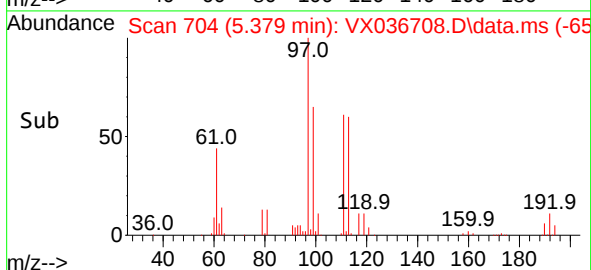
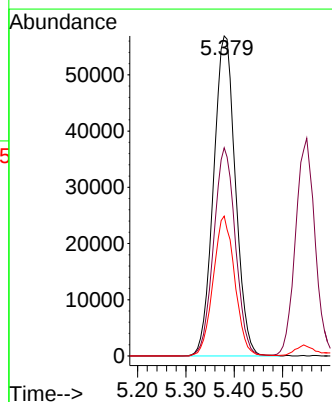
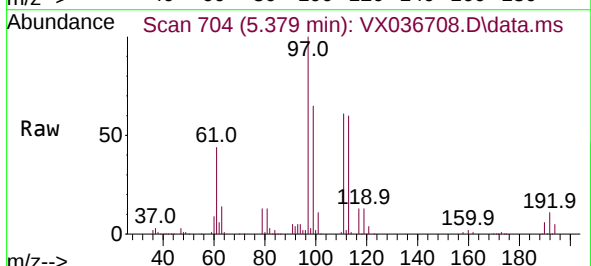
Manual Integrations
APPROVED

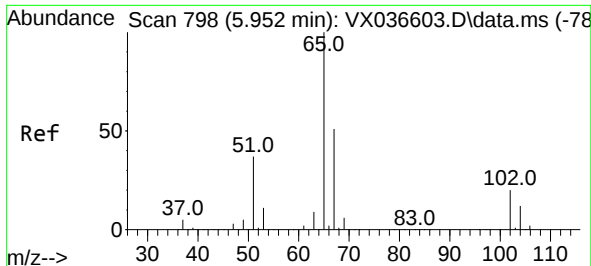
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#32
1,1,1-Trichloroethane
Concen: 46.361 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 97 Resp: 179045
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 43.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.721 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 118730

Ion Ratio Lower Upper

65 100

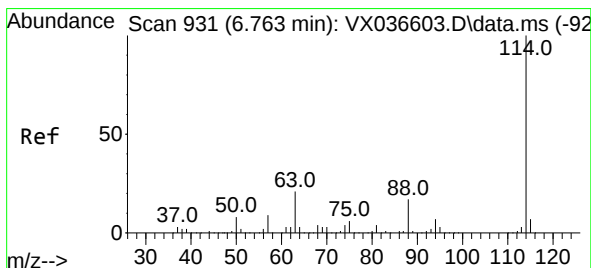
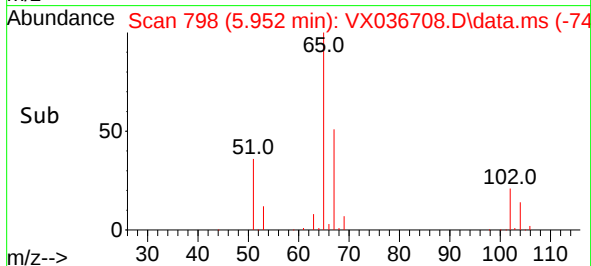
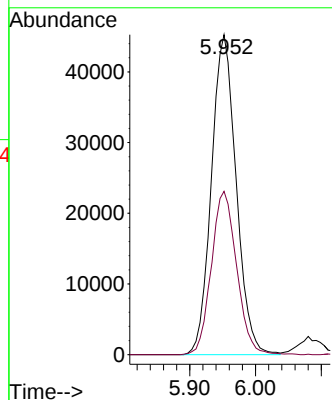
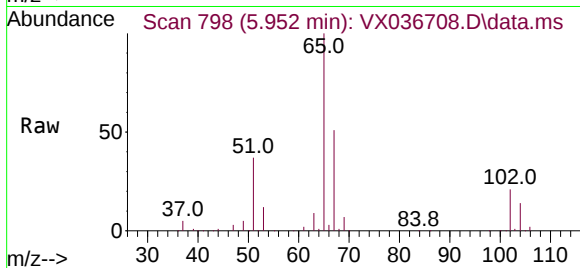
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

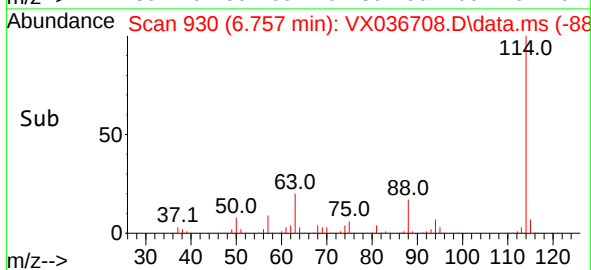
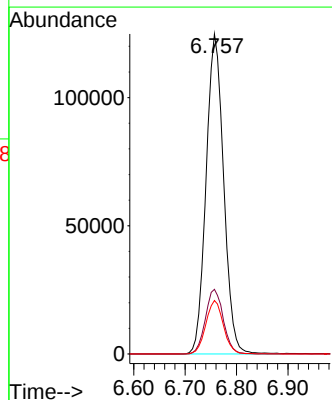
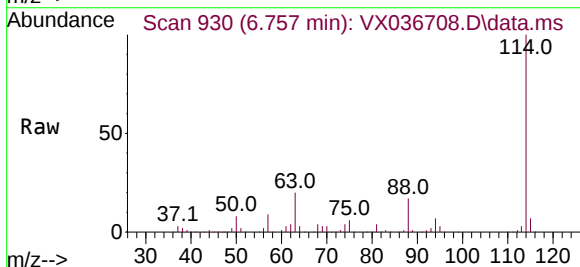
Tgt Ion:114 Resp: 296113

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

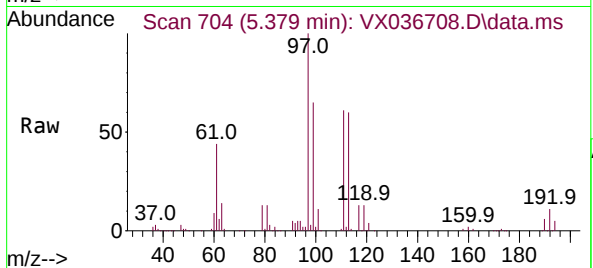
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

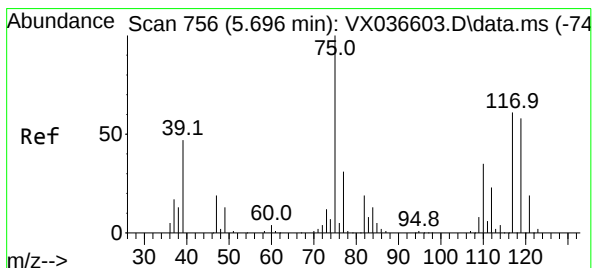
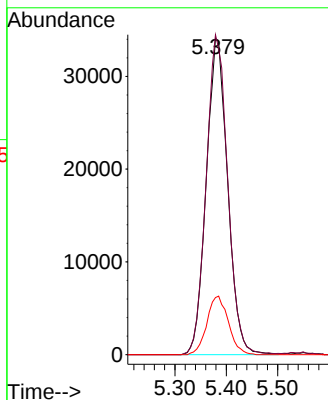
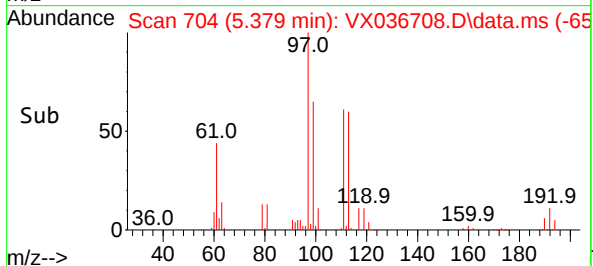
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 98634
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.5 13.3 19.9

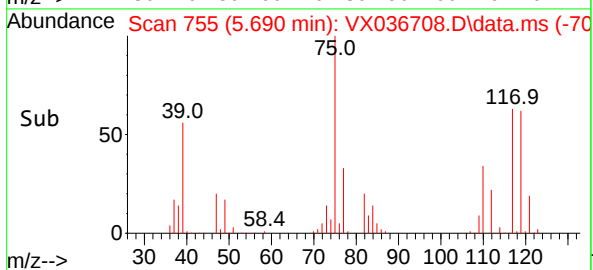
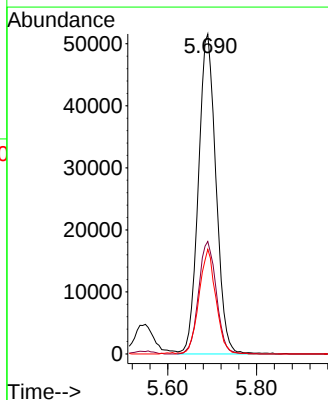
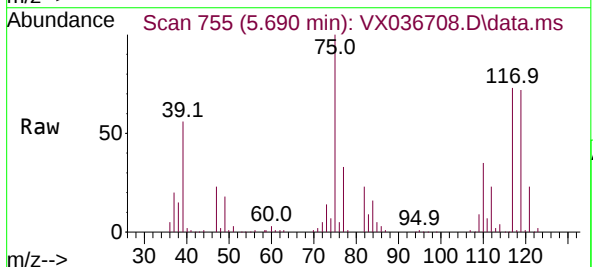
Manual Integrations
APPROVED

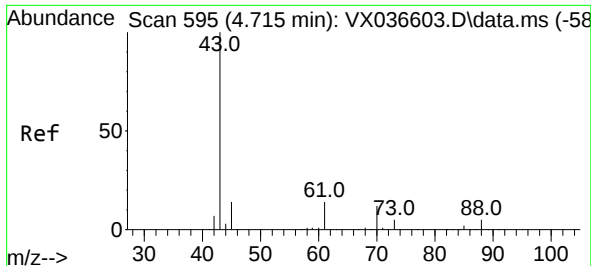
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#36
1,1-Dichloropropene
Concen: 46.879 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 75 Resp: 142215
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 44.314 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15215

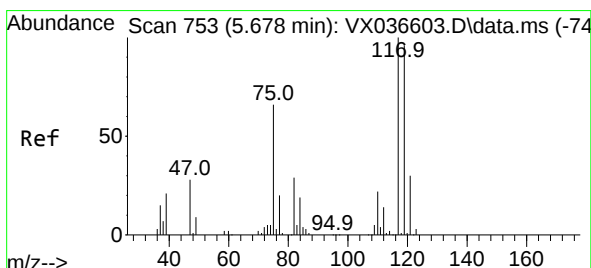
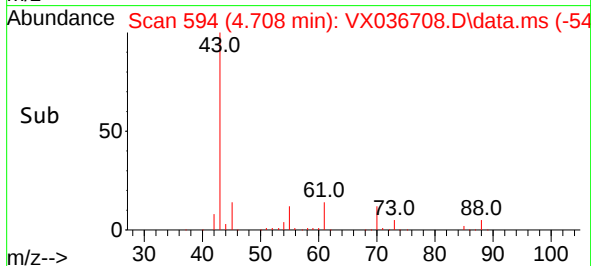
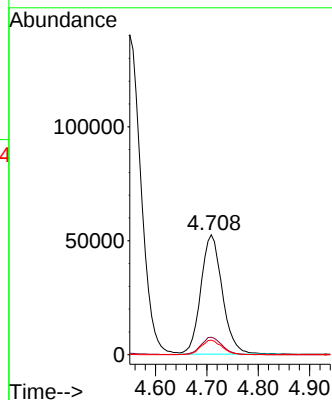
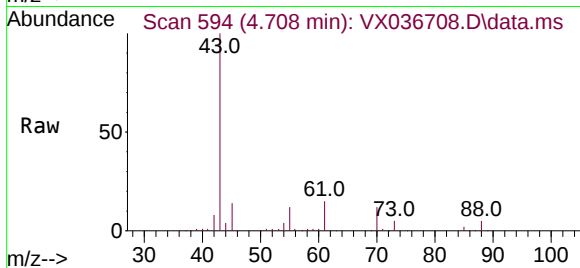
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.6	16.0
70	11.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#38

Carbon Tetrachloride

Concen: 49.146 ug/l

RT: 5.672 min Scan# 752

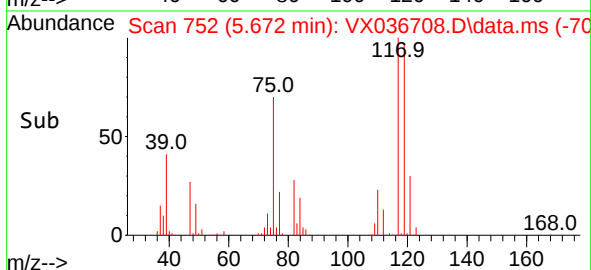
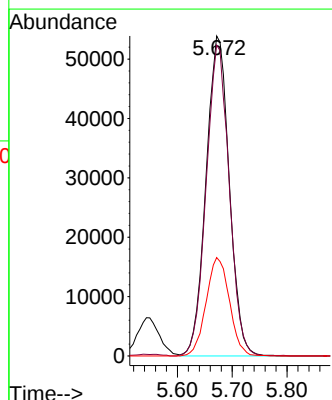
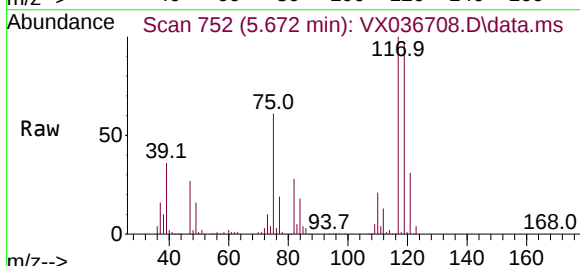
Delta R.T. -0.006 min

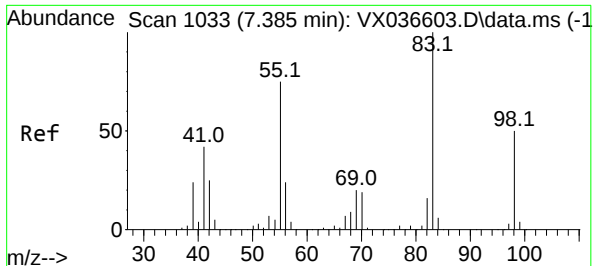
Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Tgt Ion:117 Resp: 158504

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.2
121	30.8	24.4	36.6





#39

Methylcyclohexane

Concen: 45.833 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 172889

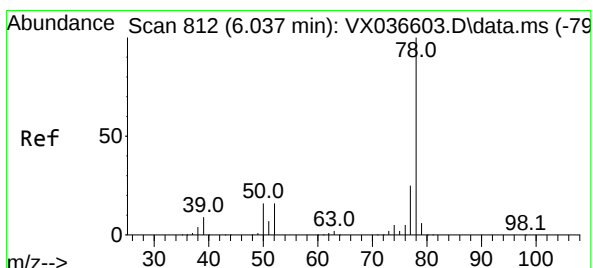
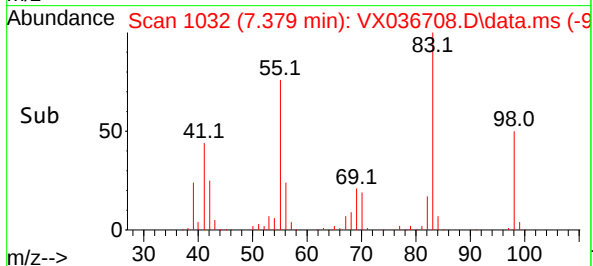
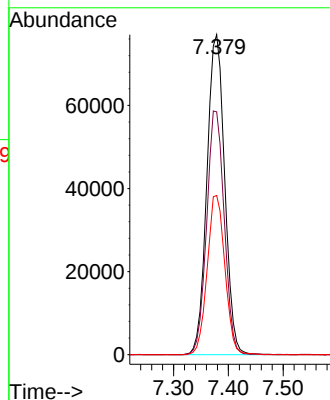
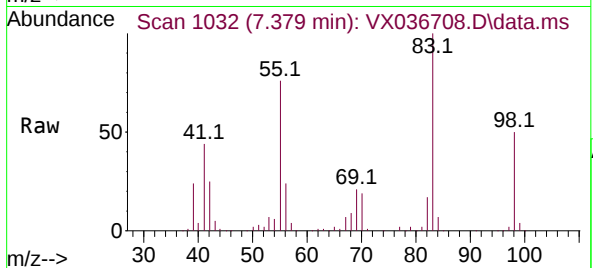
Ion	Ratio	Lower	Upper
83	100		
55	75.9	64.6	97.0
98	49.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

Benzene

Concen: 46.806 ug/l

RT: 6.031 min Scan# 811

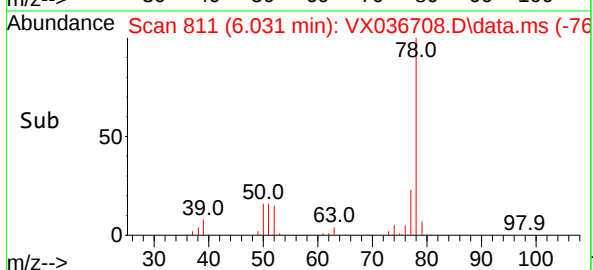
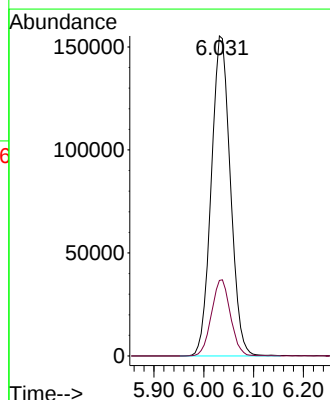
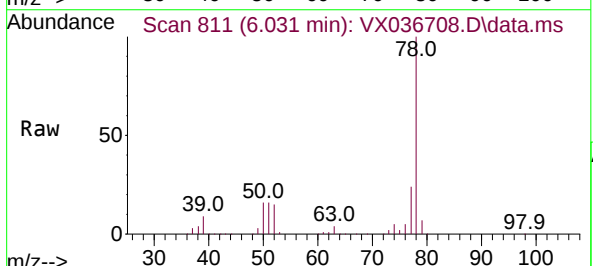
Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Tgt Ion: 78 Resp: 413117

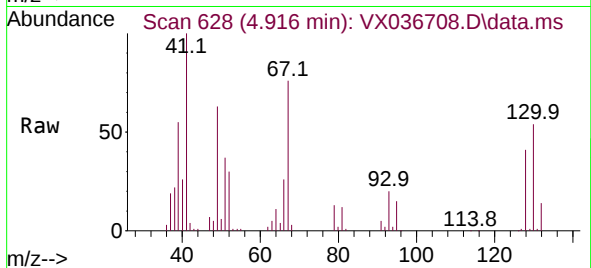
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41
Methacrylonitrile
Concen: 44.690 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

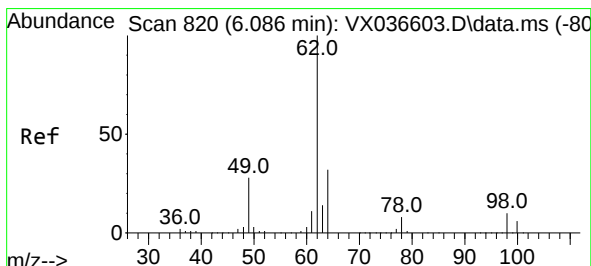
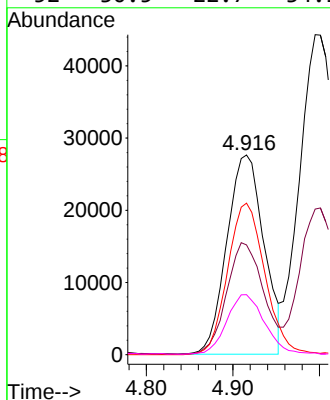
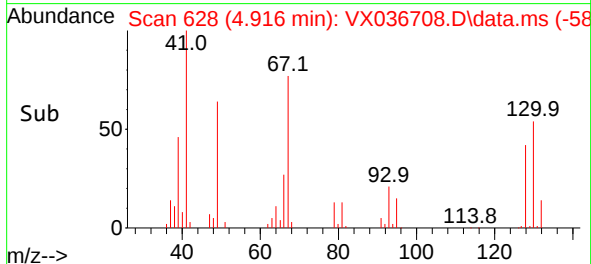
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8207
Ion Ratio Lower Upper
41 100
39 55.1 45.2 67.8
67 77.0 52.6 78.8
52 30.5 22.7 34.1

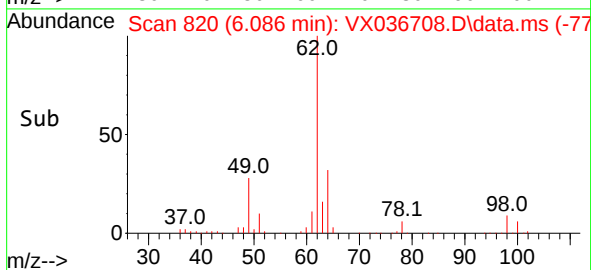
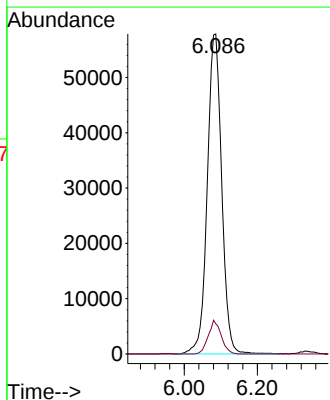
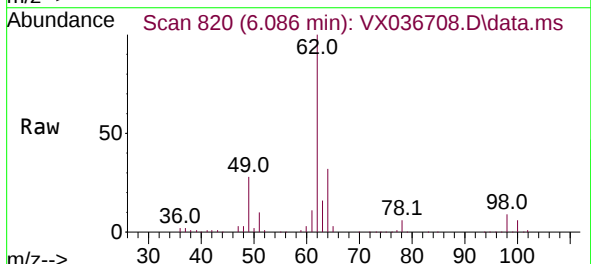
Manual Integrations
APPROVED

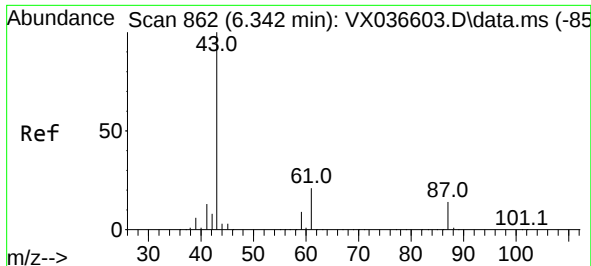
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 48.945 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

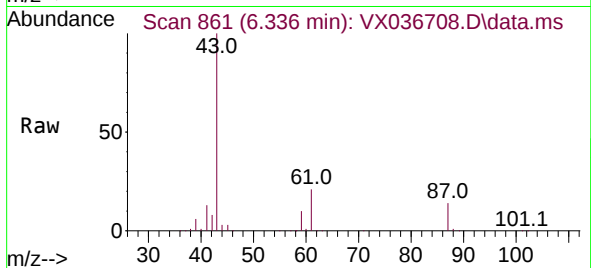
Tgt Ion: 62 Resp: 157947
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 44.842 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

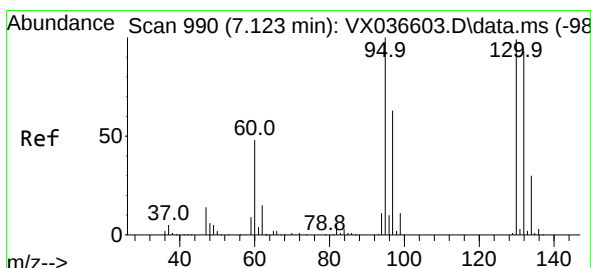
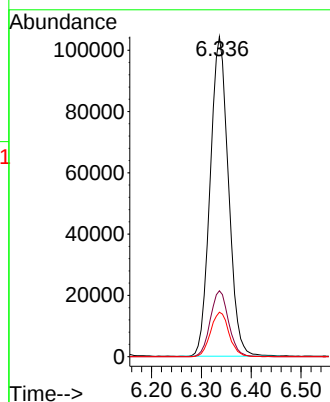
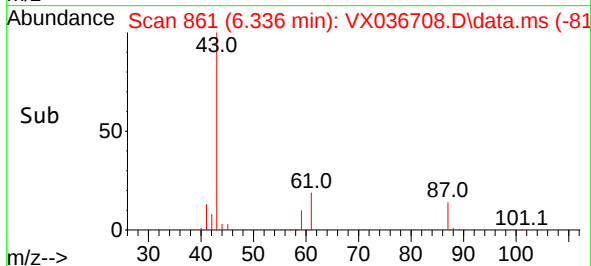
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 265038
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.0 9.8 14.6

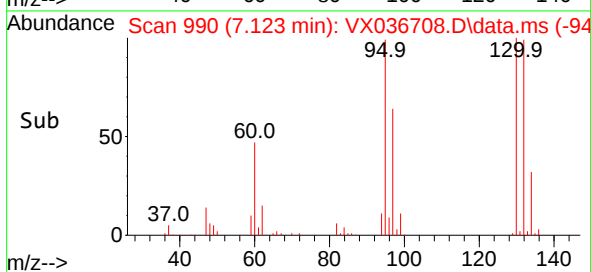
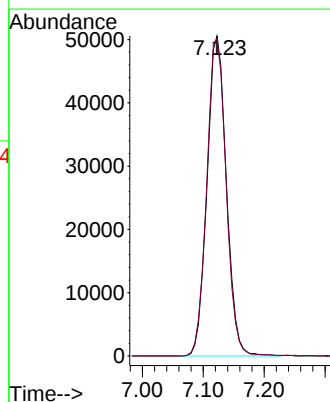
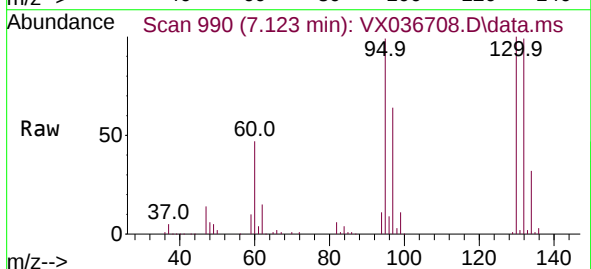
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
Trichloroethene
Concen: 48.212 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:130 Resp: 111227
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 46.625 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 109872

Ion Ratio Lower Upper

63 100

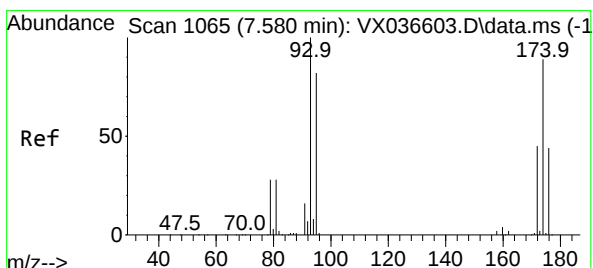
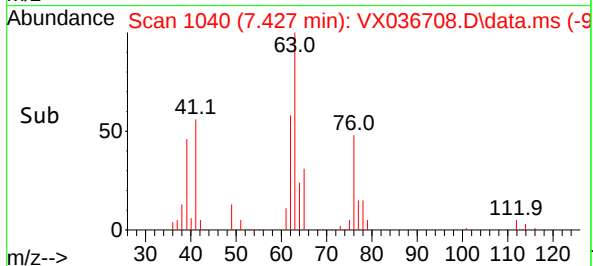
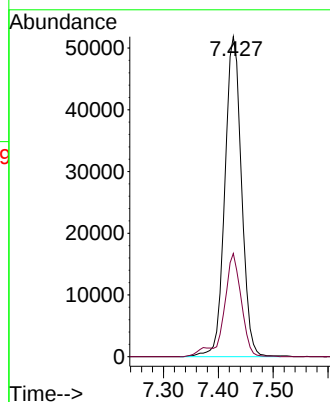
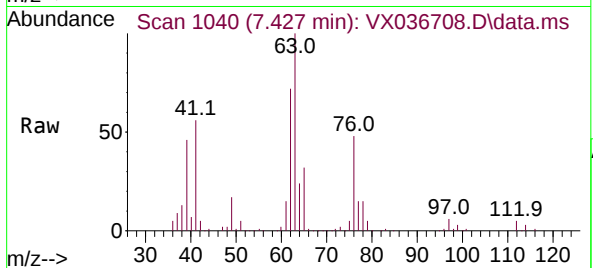
65 32.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 47.448 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

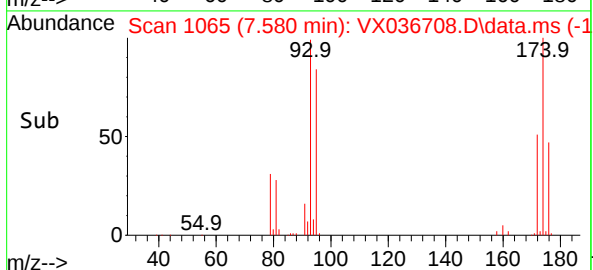
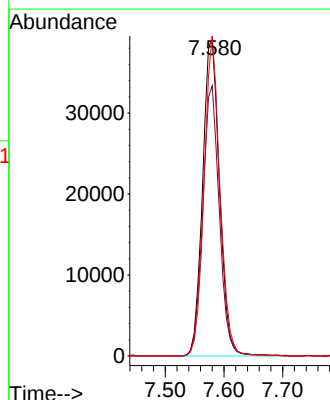
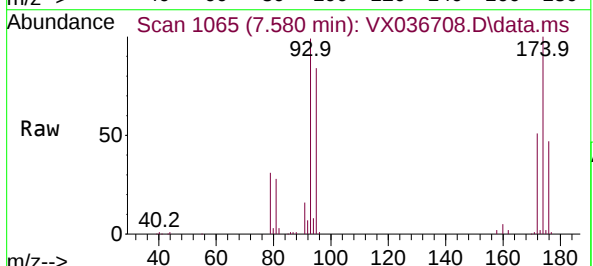
Tgt Ion: 93 Resp: 78253

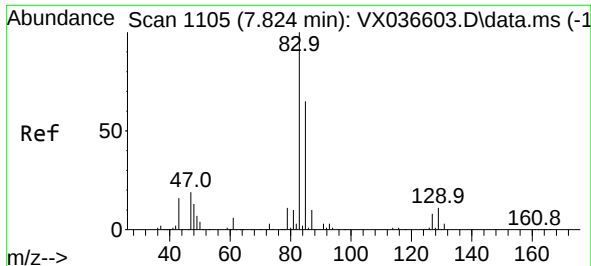
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

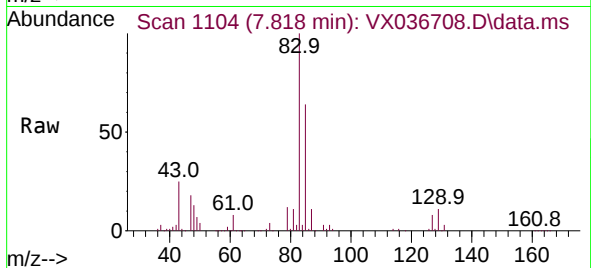
174 94.9 69.4 104.0





#47
Bromodichloromethane
Concen: 48.631 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

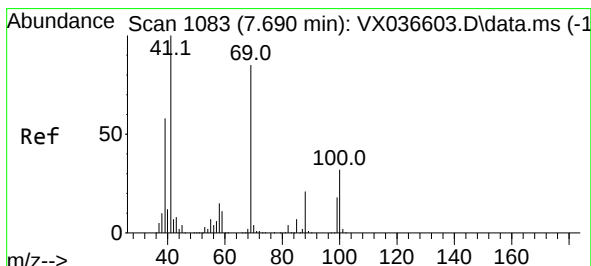
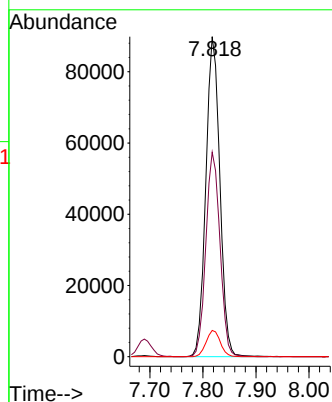
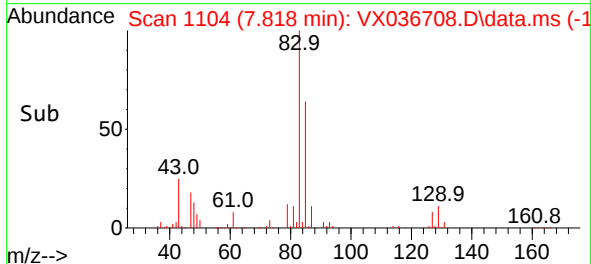
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 16463
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.2 7.1 10.7

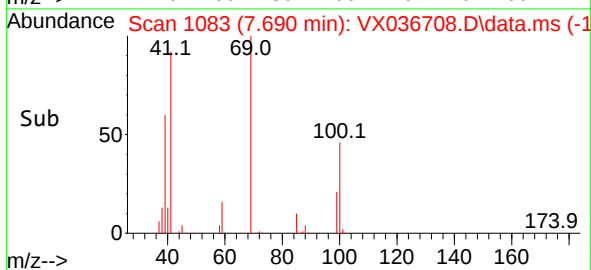
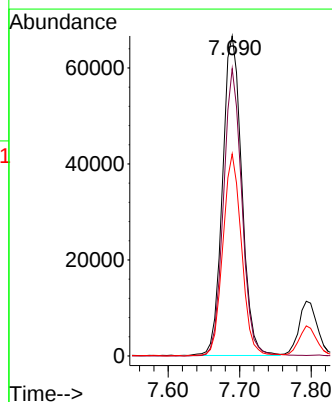
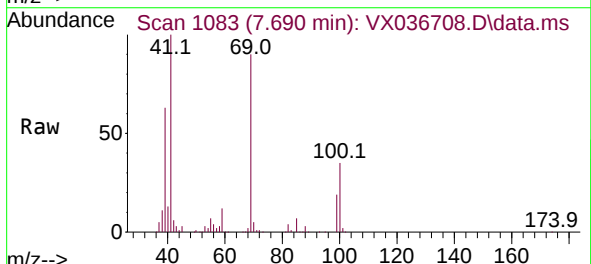
Manual Integrations
APPROVED

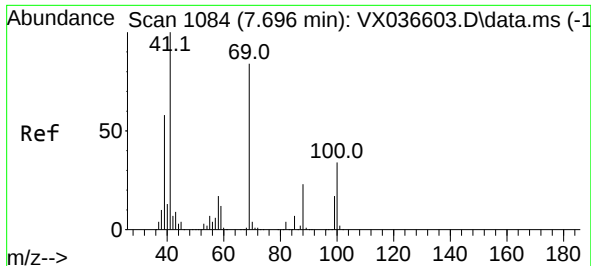
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#48
Methyl methacrylate
Concen: 45.299 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 41 Resp: 124515
Ion Ratio Lower Upper
41 100
69 86.2 59.2 88.8
39 61.5 47.7 71.5





#49

1,4-Dioxane

Concen: 924.983 ug/l

RT: 7.653 min Scan# 1084

Delta R.T. -0.043 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5136

Ion Ratio Lower Upper

88 100

43 31.9 0.0 0.0

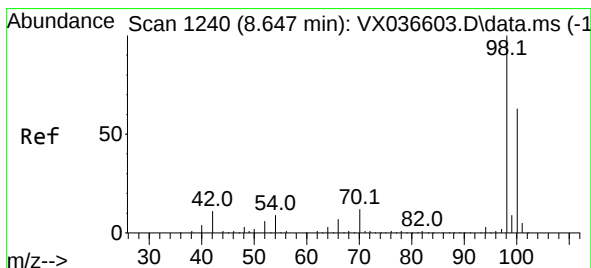
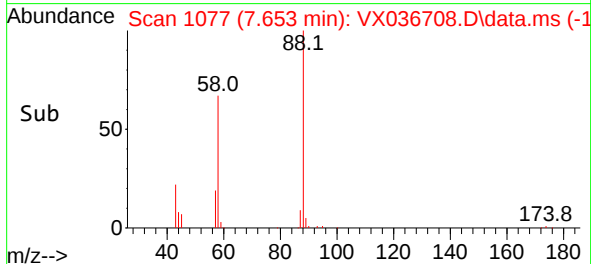
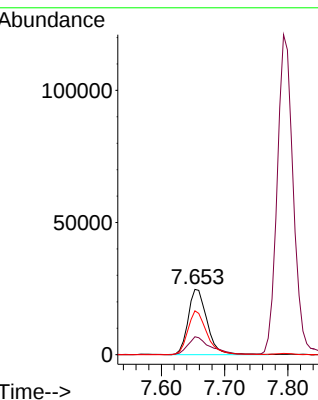
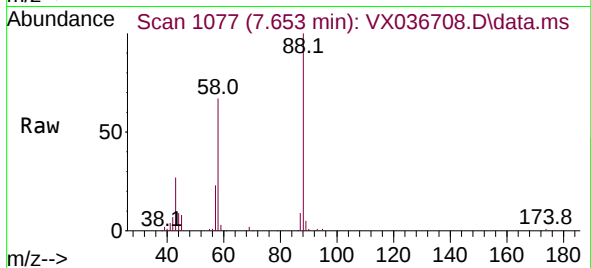
58 67.8 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

Toluene-d8

Concen: 47.646 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX036708.D

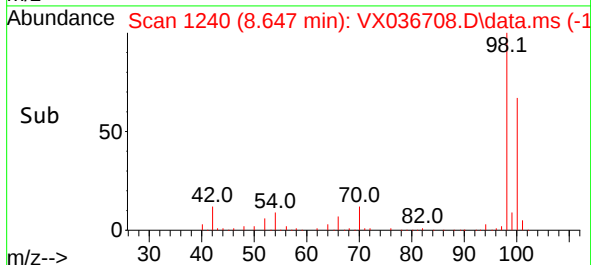
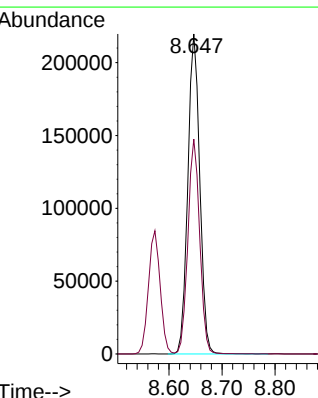
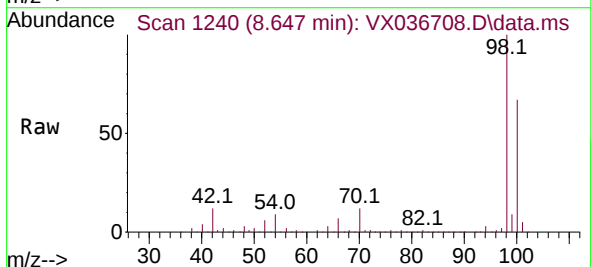
Acq: 31 Jul 2023 10:16

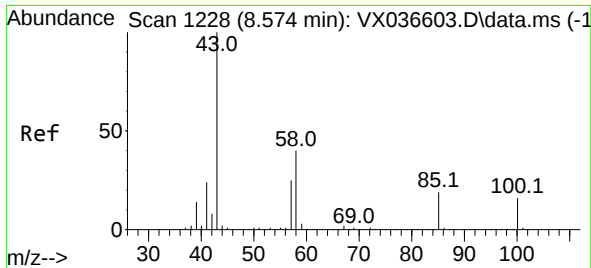
Tgt Ion: 98 Resp: 343891

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





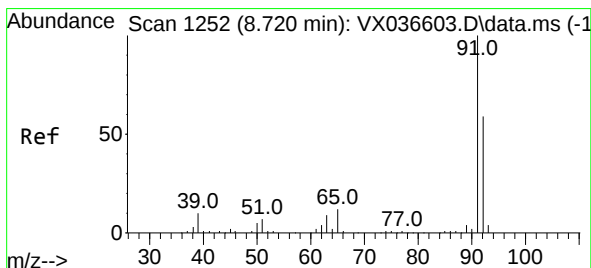
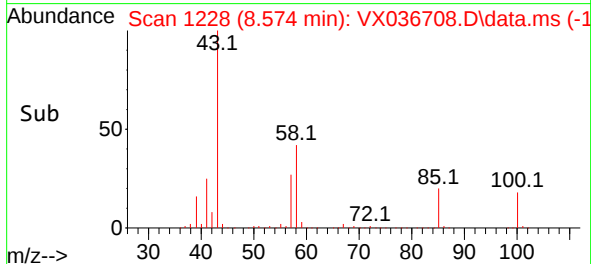
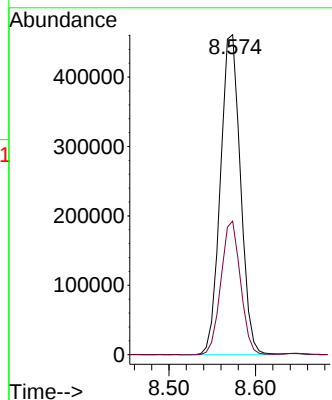
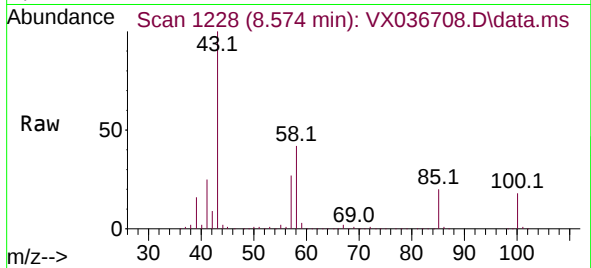
#51
4-Methyl-2-Pentanone
Concen: 226.570 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 741073
Ion Ratio Lower Upper
43 100
58 40.8 30.4 45.6

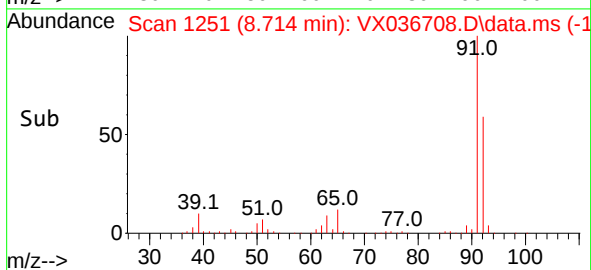
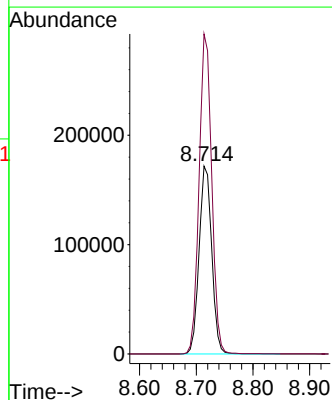
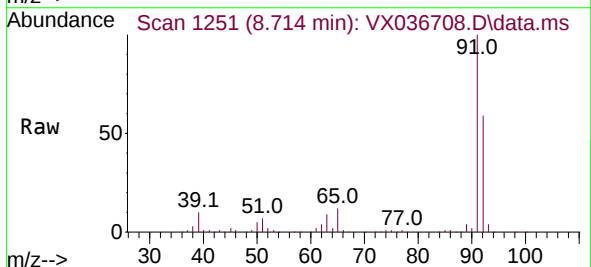
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 48.072 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 92 Resp: 265858
Ion Ratio Lower Upper
92 100
91 170.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.554 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 185778

Ion Ratio Lower Upper

75 100

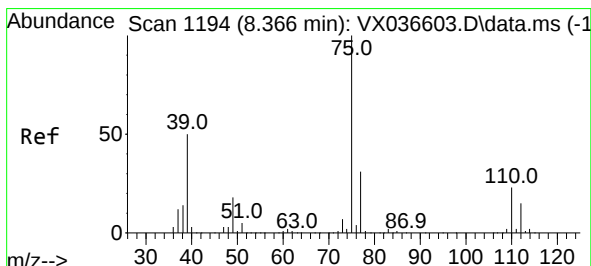
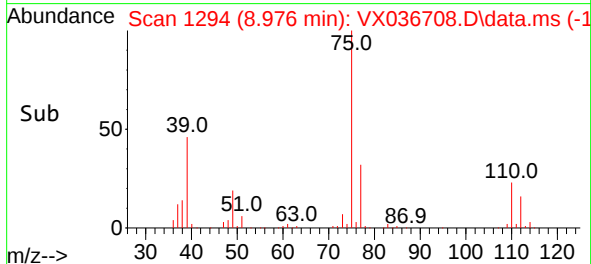
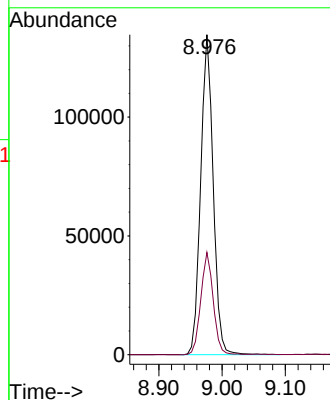
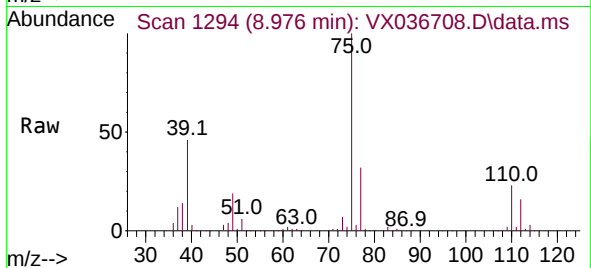
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#54

cis-1,3-Dichloropropene

Concen: 47.523 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

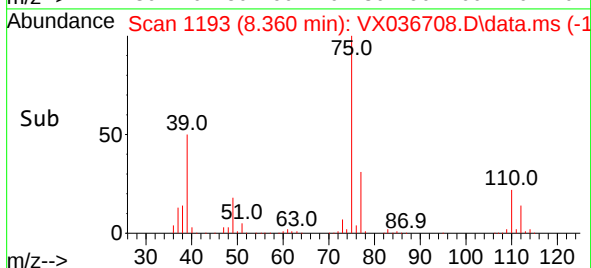
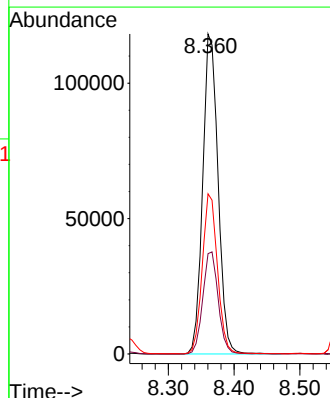
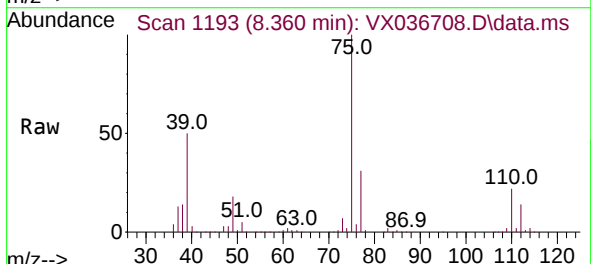
Tgt Ion: 75 Resp: 191876

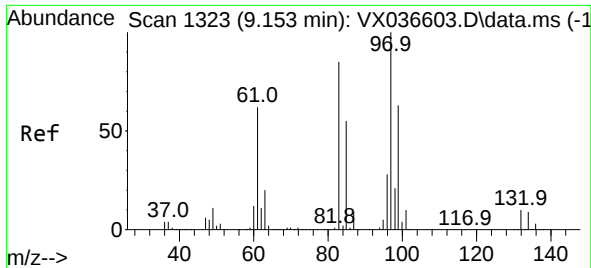
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 50.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 47.972 ug/l
RT: 9.147 min Scan# 1152
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

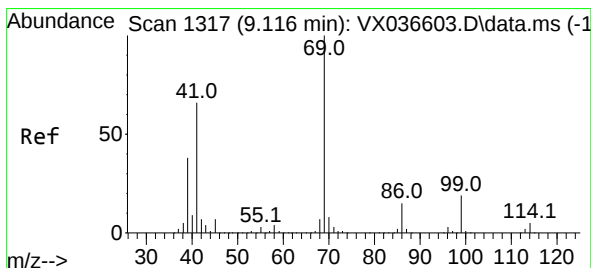
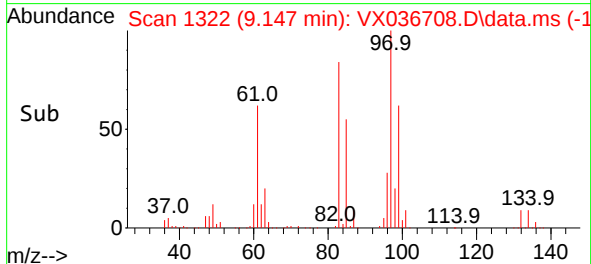
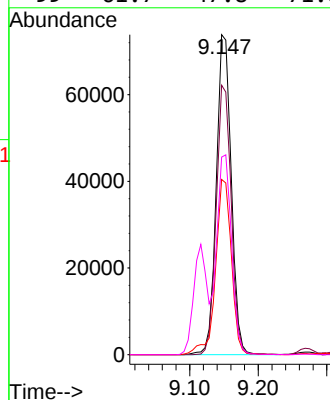
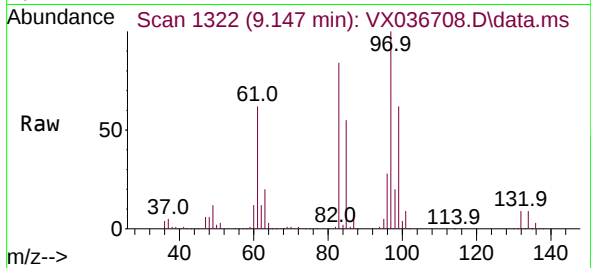
VSTDCCC050

Tgt Ion: 97 Resp: 11152
Ion Ratio Lower Upper
97 100
83 84.2 65.8 98.8
85 54.8 41.6 62.4
99 61.7 47.8 71.8

Manual Integrations

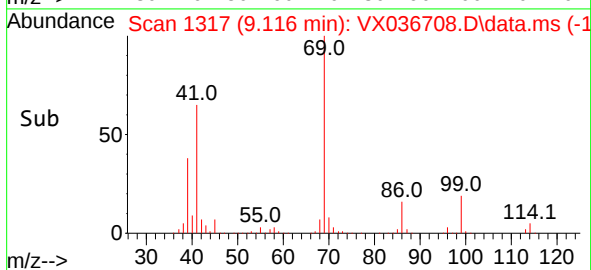
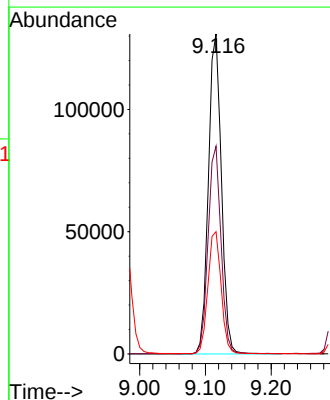
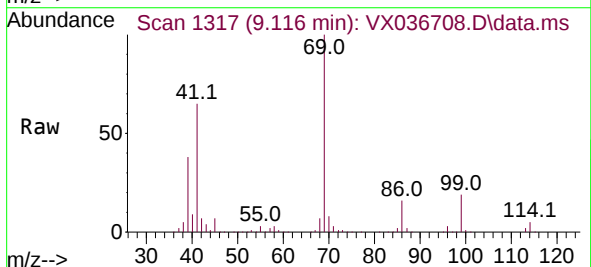
APPROVED

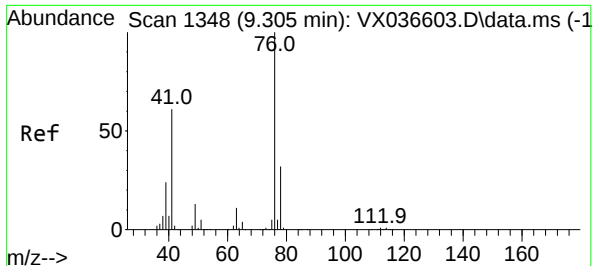
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#56
Ethyl methacrylate
Concen: 47.516 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion: 69 Resp: 179874
Ion Ratio Lower Upper
69 100
41 64.4 56.8 85.2
39 38.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.814 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 189009

Ion Ratio Lower Upper

76 100

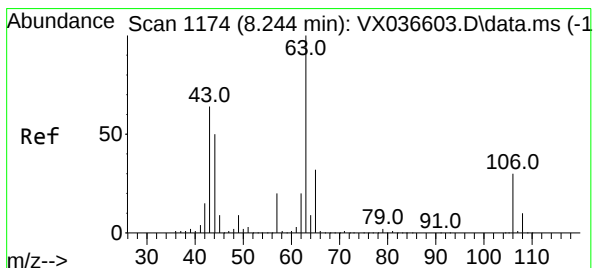
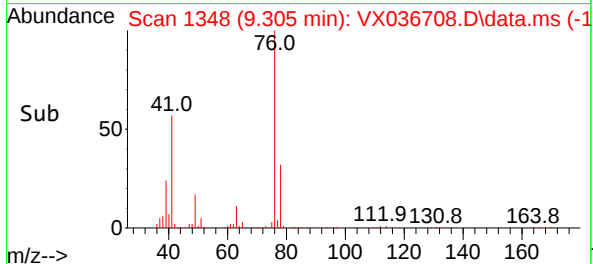
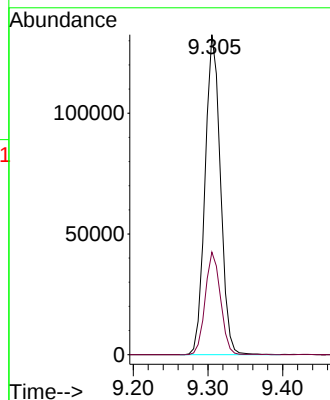
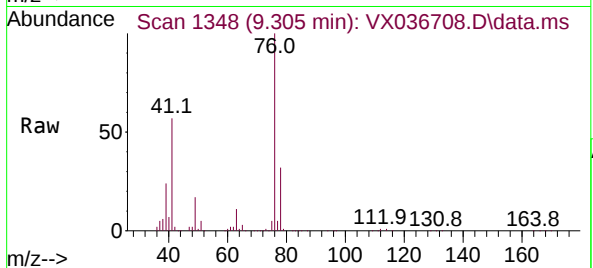
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.524 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036708.D

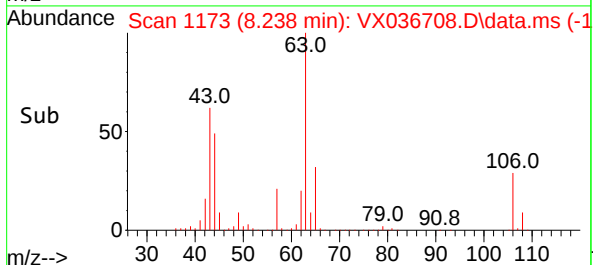
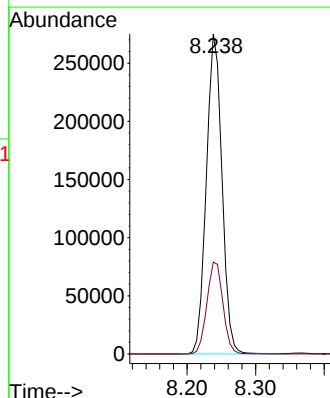
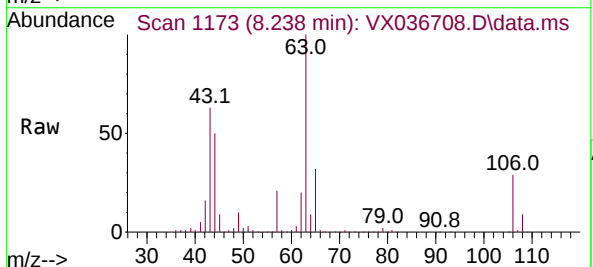
Acq: 31 Jul 2023 10:16

Tgt Ion: 63 Resp: 437442

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7





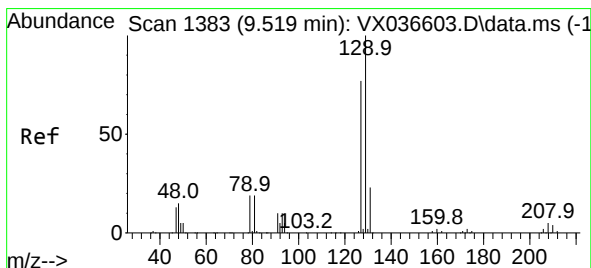
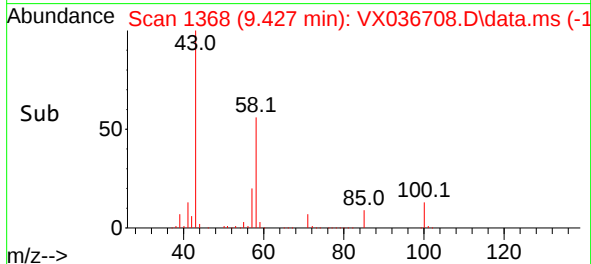
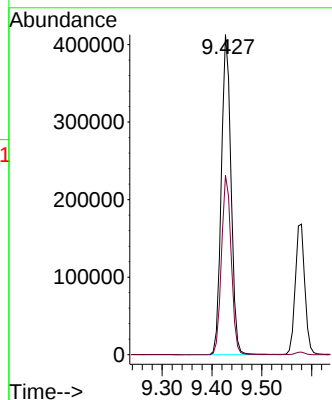
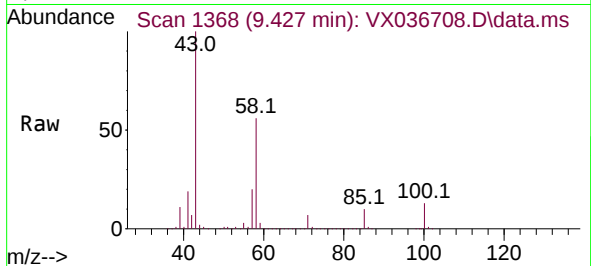
#59
2-Hexanone
Concen: 229.044 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 556002
Ion Ratio Lower Upper
43 100
58 56.3 26.2 78.5

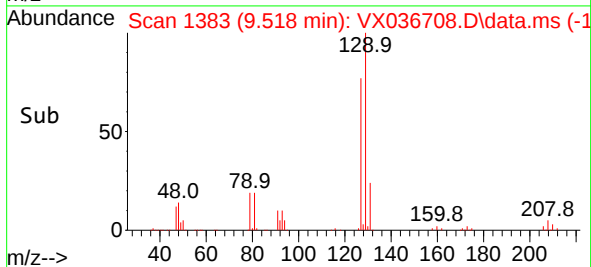
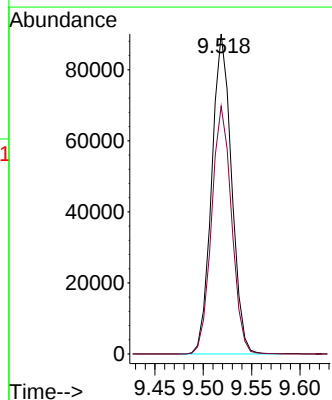
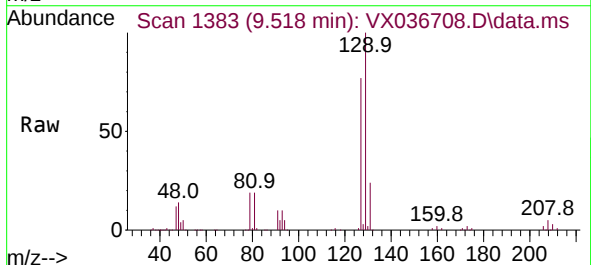
Manual Integrations
APPROVED

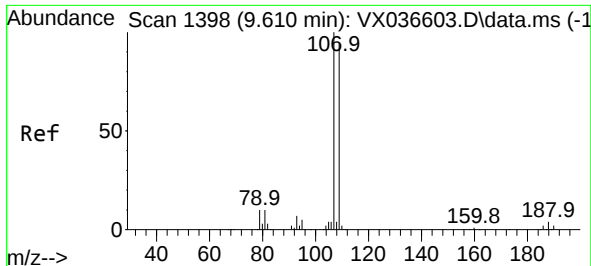
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 50.299 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:129 Resp: 128522
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.923 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

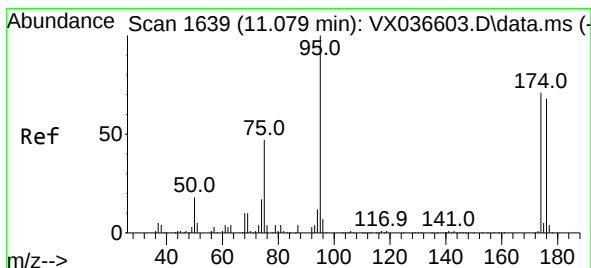
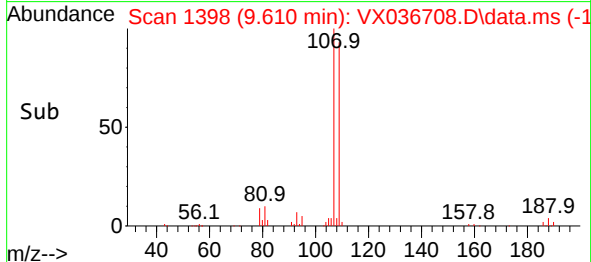
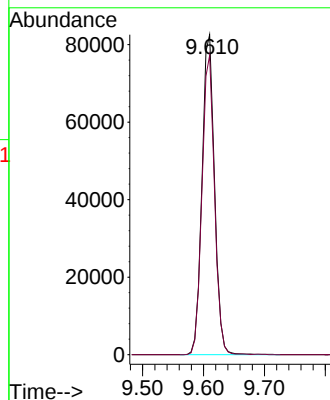
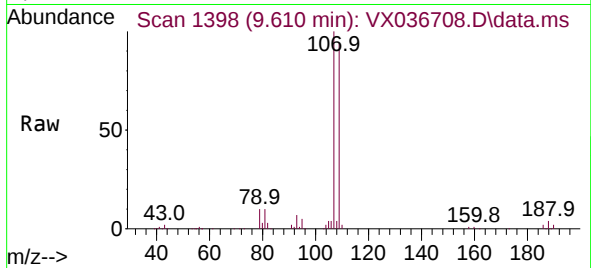
VSTDCCC050

Tgt Ion:107 Resp: 117872
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations

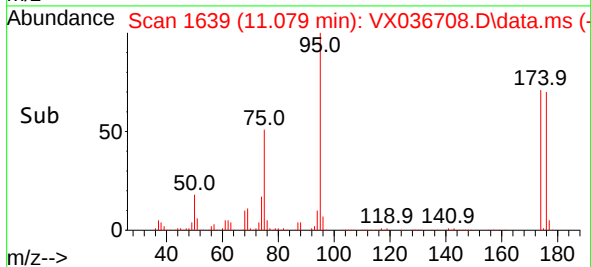
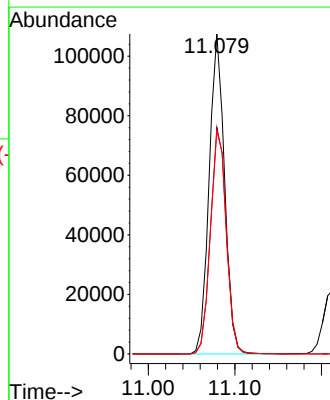
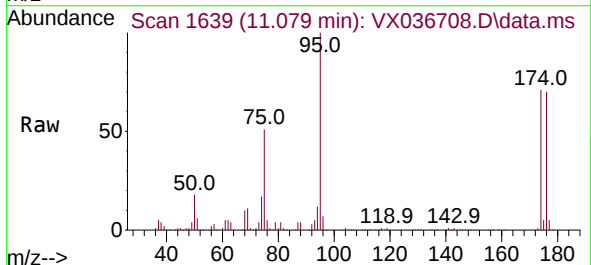
APPROVED

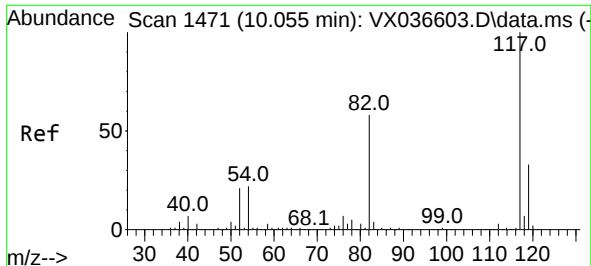
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

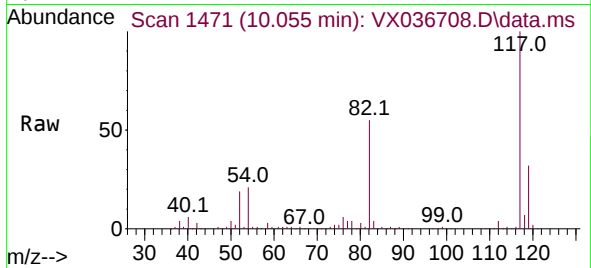
Tgt Ion: 95 Resp: 132420
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 71.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

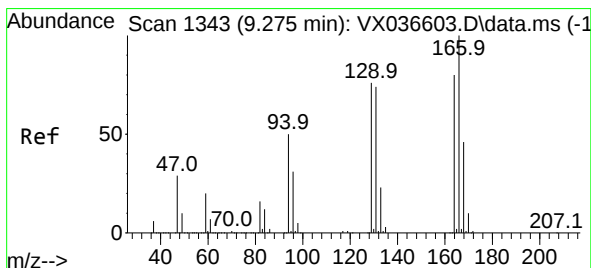
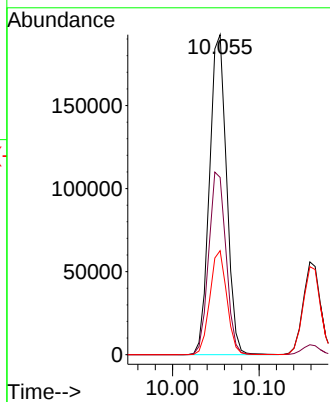
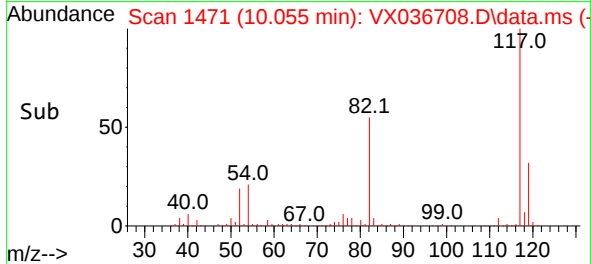
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 264030
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3

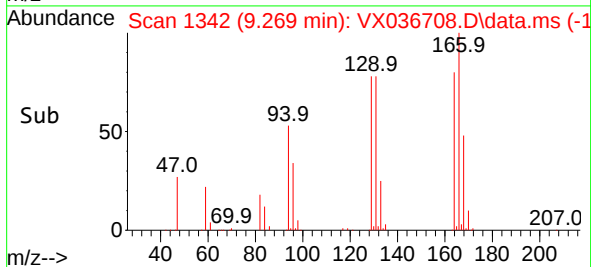
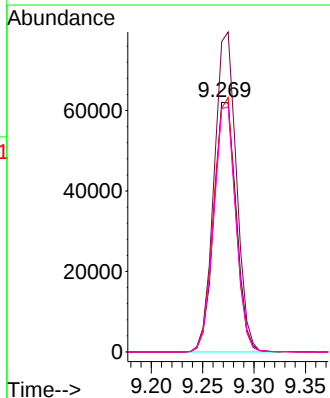
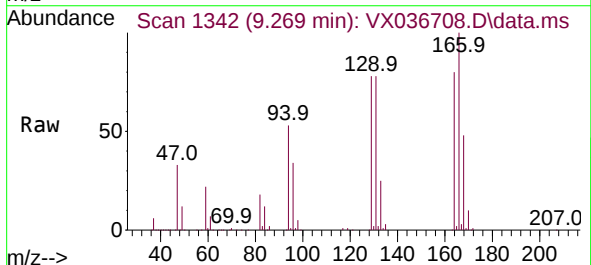
Manual Integrations
APPROVED

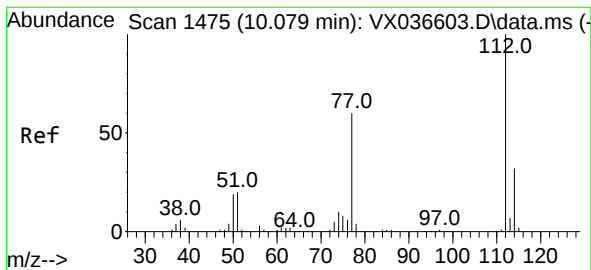
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
Tetrachloroethene
Concen: 47.580 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

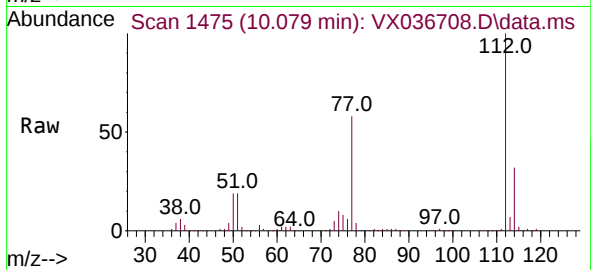
Tgt Ion:164 Resp: 93702
Ion Ratio Lower Upper
164 100
166 124.4 102.7 154.1
129 97.6 80.4 120.6
131 97.4 76.5 114.7





#65
Chlorobenzene
Concen: 48.864 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

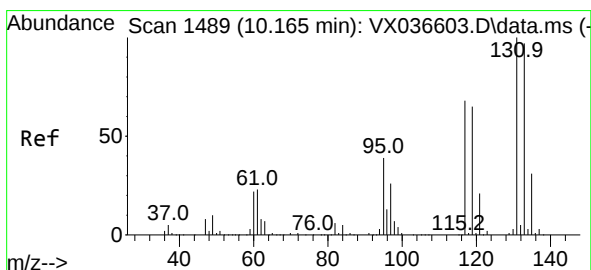
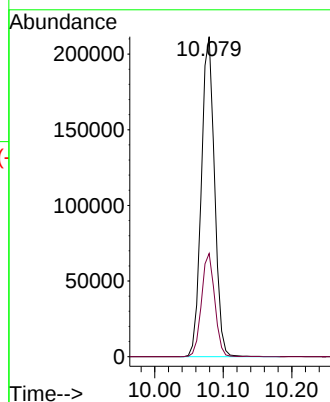
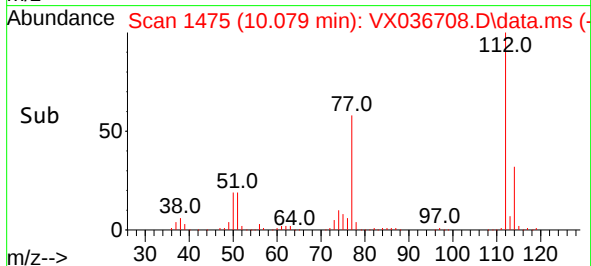
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



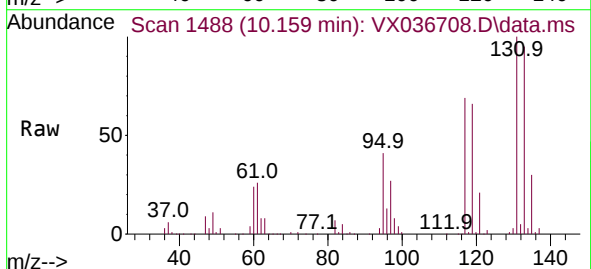
Tgt Ion:112 Resp: 284384
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

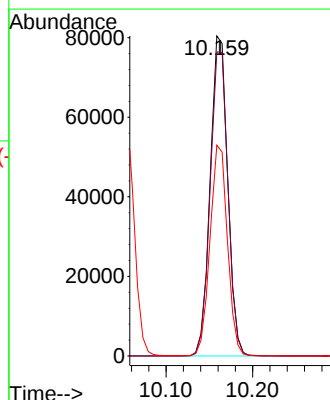
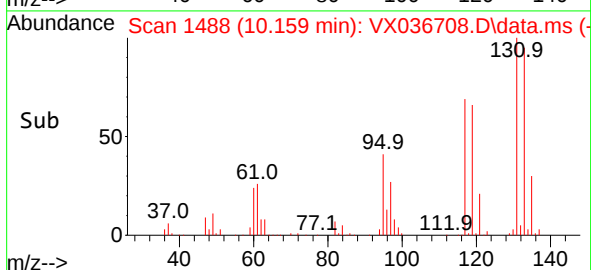
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

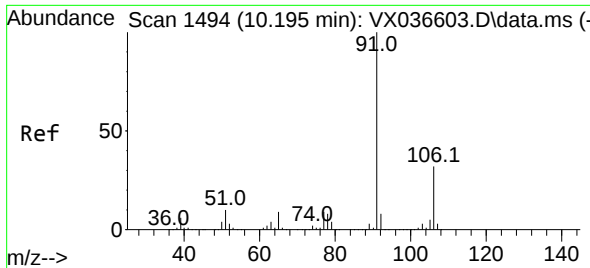


#66
1,1,1,2-Tetrachloroethane
Concen: 50.221 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



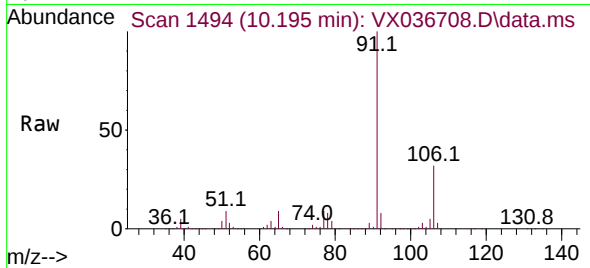
Tgt Ion:131 Resp: 112971
Ion Ratio Lower Upper
131 100
133 96.7 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 48.520 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

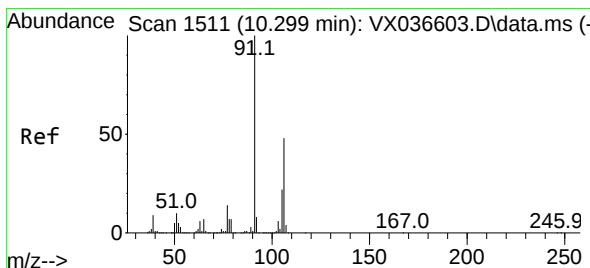
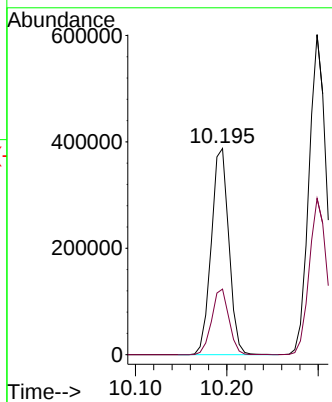
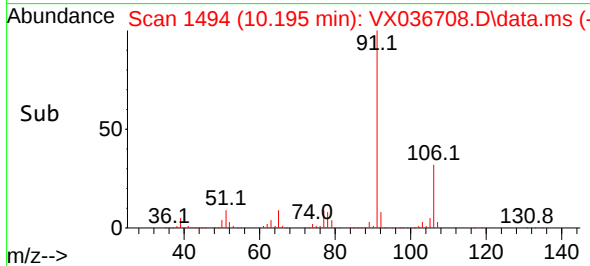
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



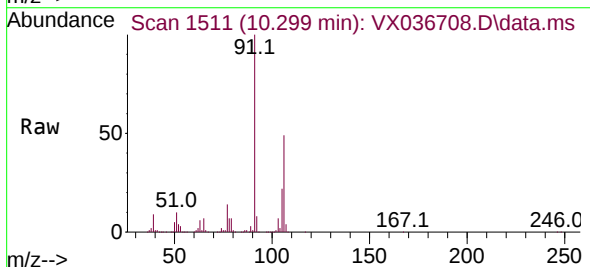
Tgt Ion: 91 Resp: 515862
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

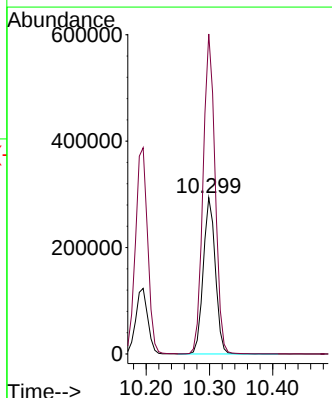
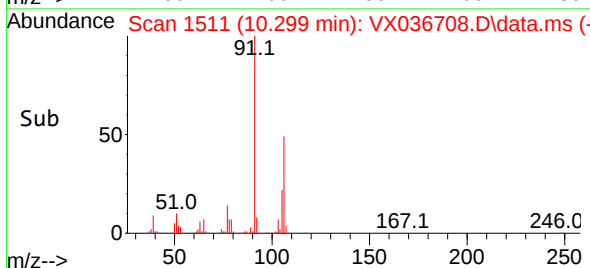
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

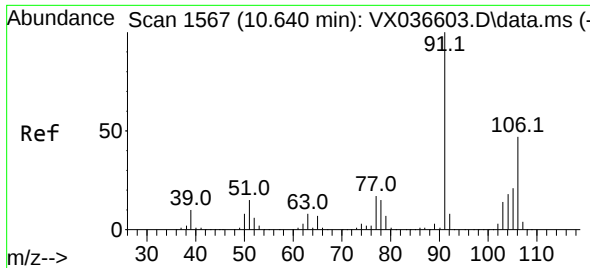


#68
m/p-Xylenes
Concen: 98.582 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



Tgt Ion:106 Resp: 391067
Ion Ratio Lower Upper
106 100
91 203.8 165.5 248.3





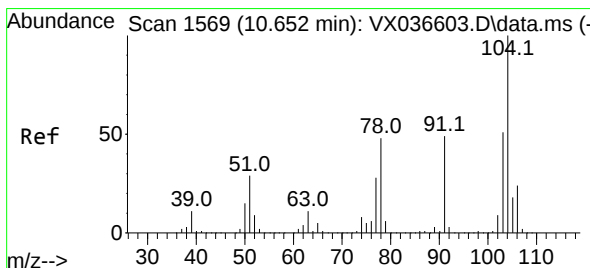
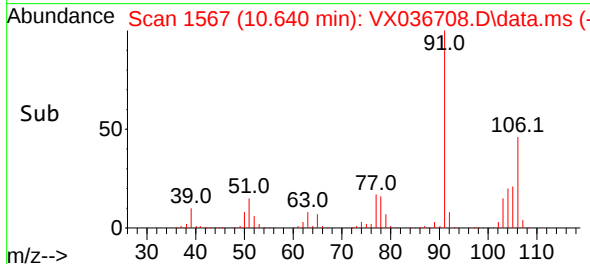
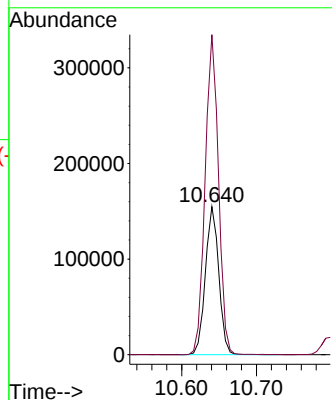
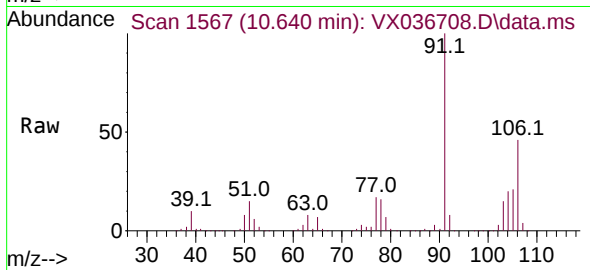
#69
o-Xylene
Concen: 48.509 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 19208
Ion Ratio Lower Upper
106 100
91 215.8 108.9 326.8

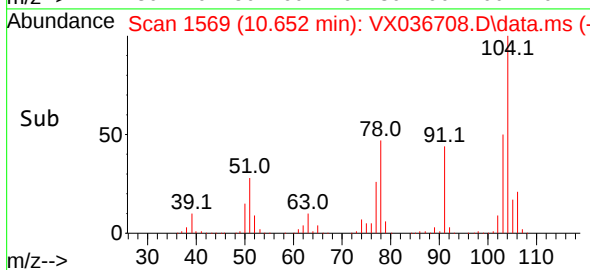
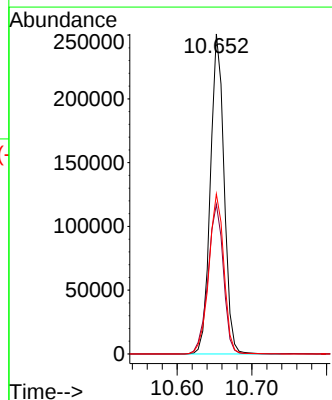
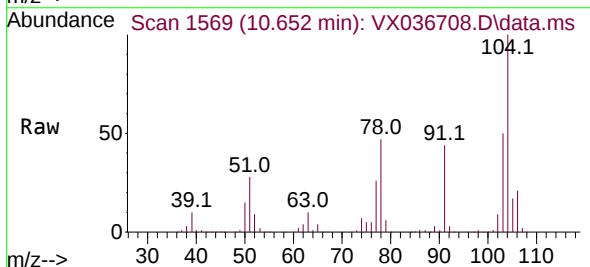
Manual Integrations
APPROVED

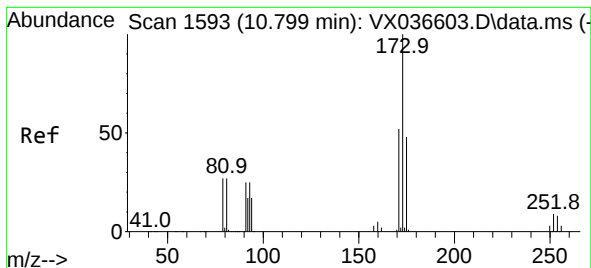
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 48.955 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:104 Resp: 319818
Ion Ratio Lower Upper
104 100
78 52.4 43.6 65.4
103 54.8 43.6 65.4





#71

Bromoform

Concen: 50.140 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 9130

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

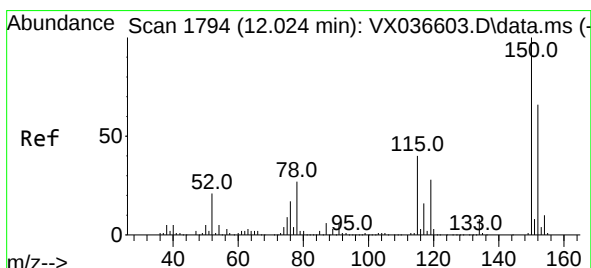
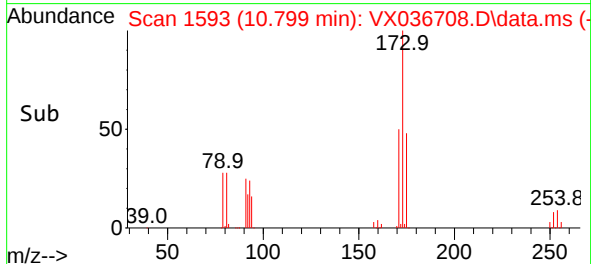
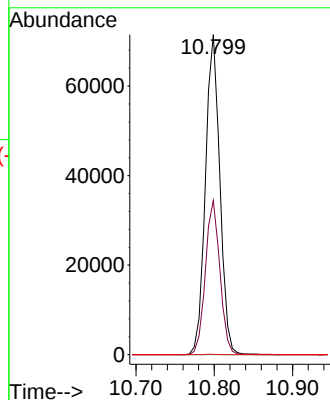
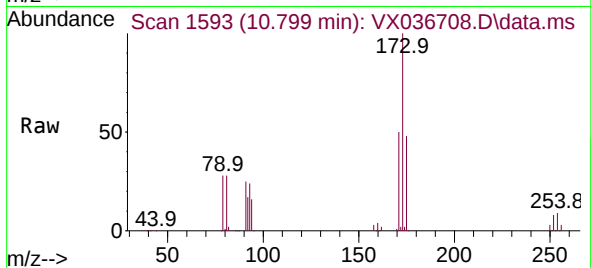
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

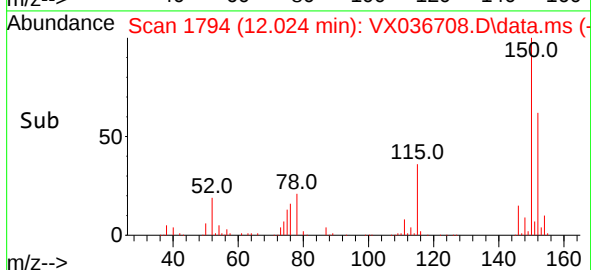
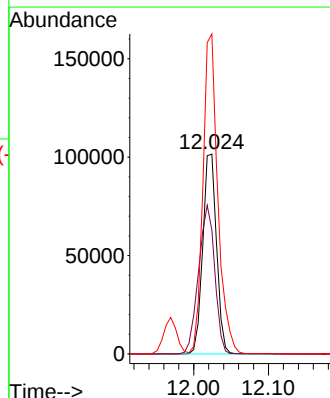
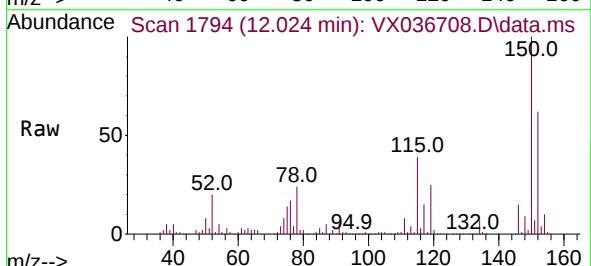
Tgt Ion:152 Resp: 130019

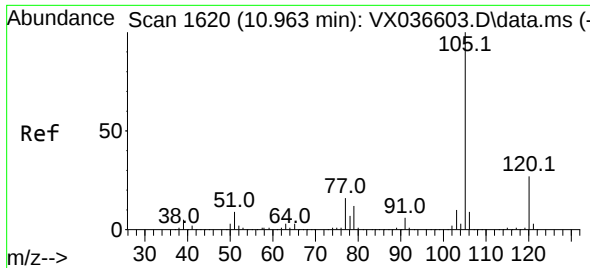
Ion Ratio Lower Upper

152 100

115 87.1 43.3 129.9

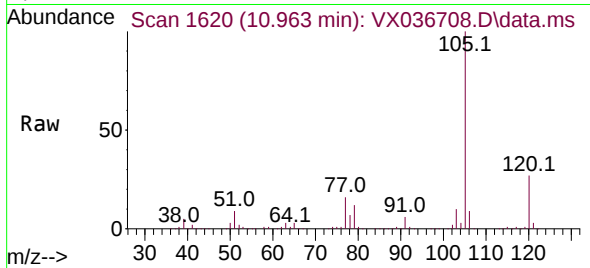
150 172.9 0.0 345.0





#73
Isopropylbenzene
Concen: 47.248 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

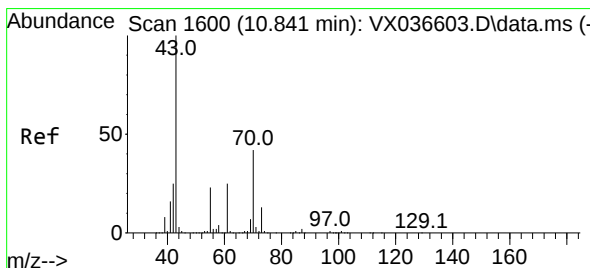
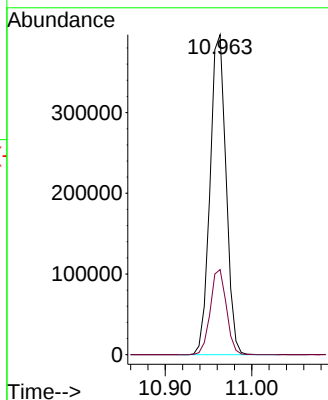
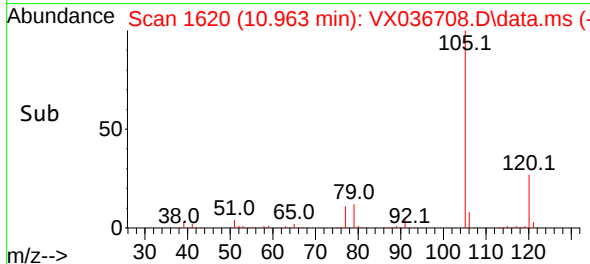
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



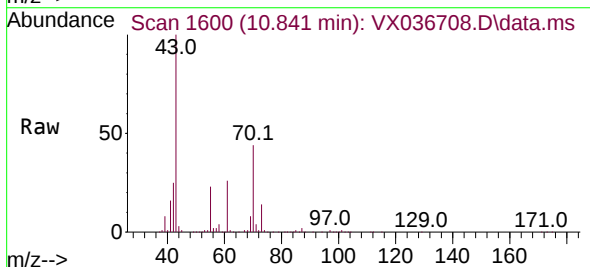
Tgt Ion:105 Resp: 508398
Ion Ratio Lower Upper
105 100
120 26.7 12.9 38.6

Manual Integrations
APPROVED

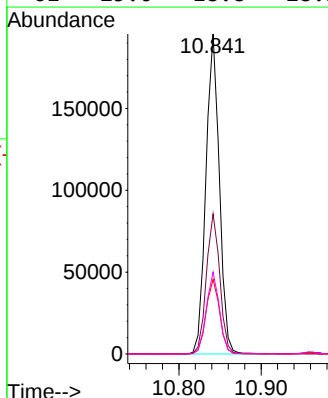
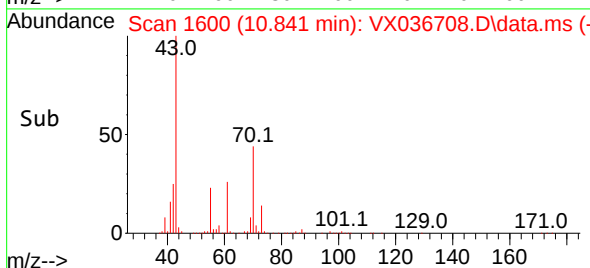
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

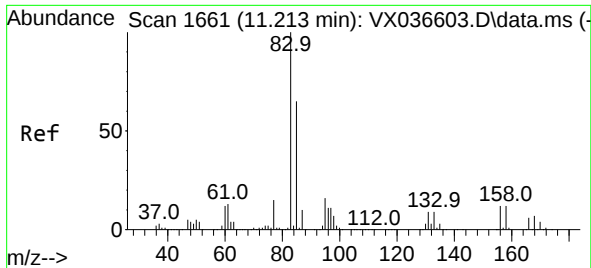


#74
N-ethyl acetate
Concen: 44.126 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



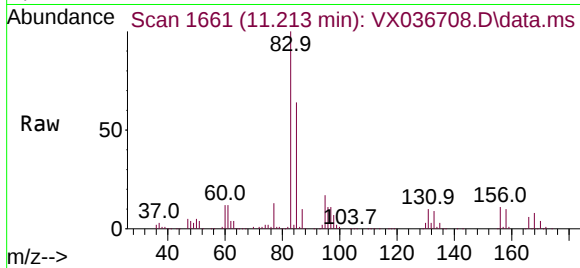
Tgt Ion: 43 Resp: 221414
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 23.6 19.3 28.9
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.588 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

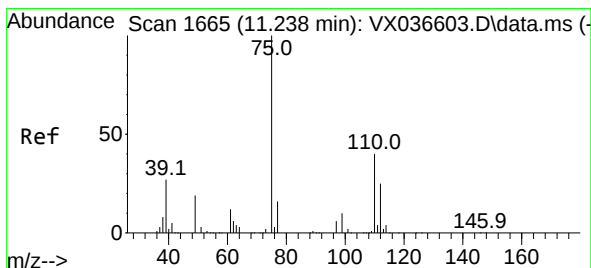
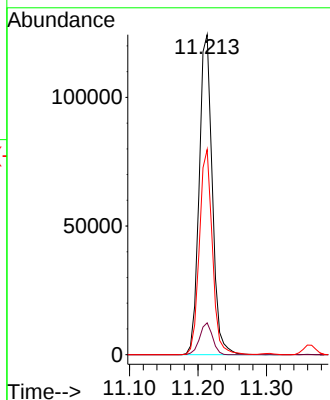
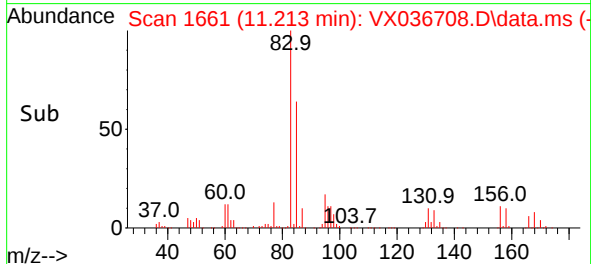
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



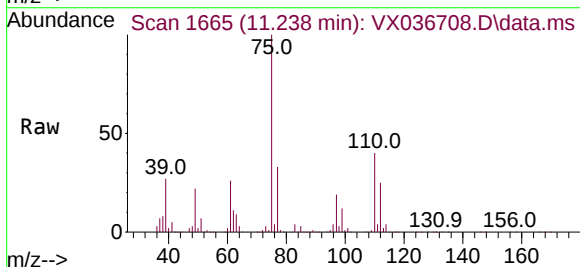
Tgt Ion: 83 Resp: 16568
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 63.5 32.0 96.2

Manual Integrations
APPROVED

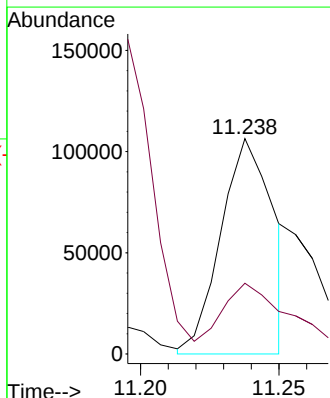
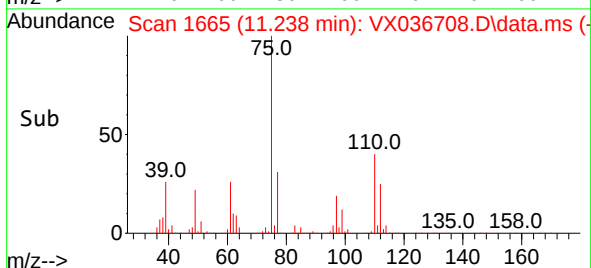
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

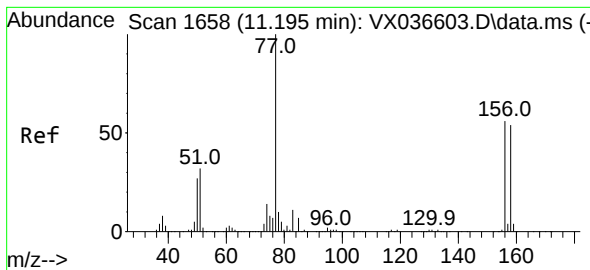


#76
1,2,3-Trichloropropane
Concen: 45.710 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



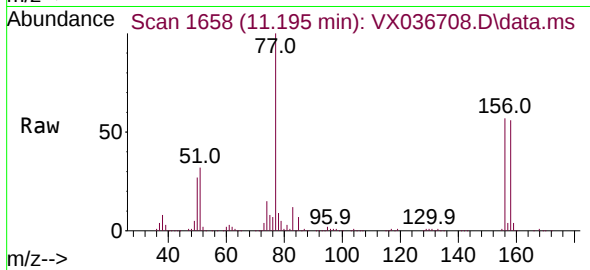
Tgt Ion: 75 Resp: 139791
Ion Ratio Lower Upper
75 100
77 43.9 19.1 57.5





#77
Bromobenzene
Concen: 47.750 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

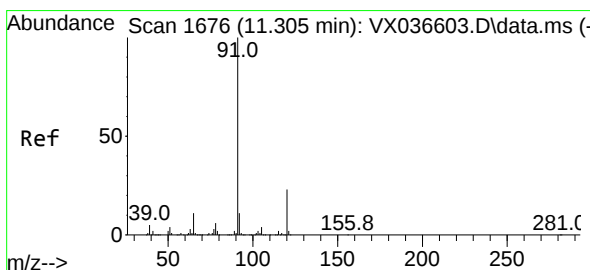
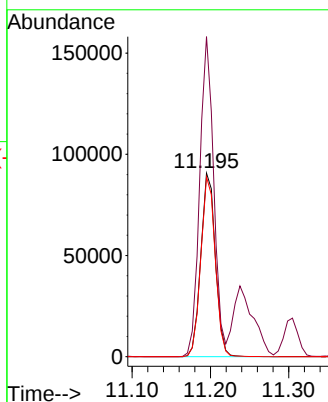
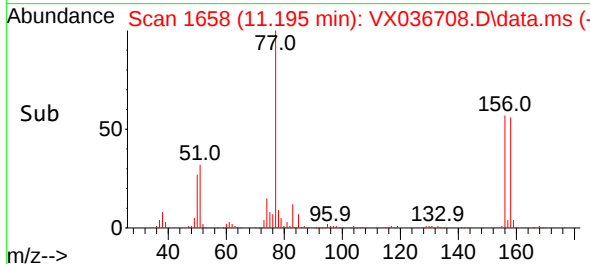
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



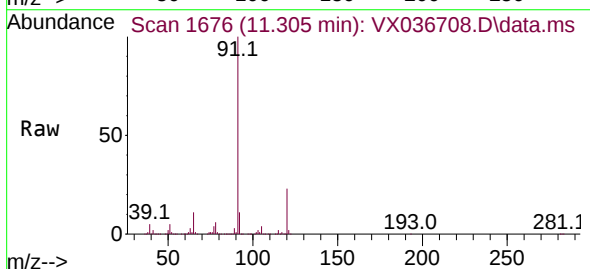
Tgt Ion:156 Resp: 11701
Ion Ratio Lower Upper
156 100
77 168.3 88.4 265.3
158 97.1 48.0 144.0

Manual Integrations
APPROVED

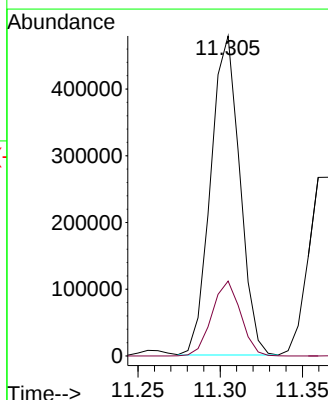
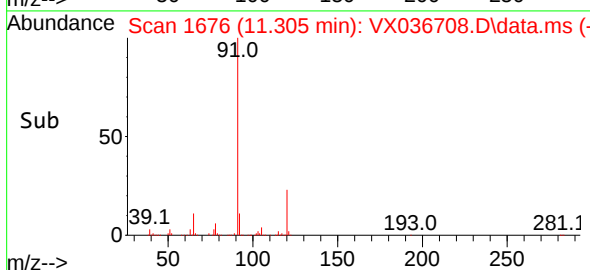
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#78
n-propylbenzene
Concen: 47.400 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



Tgt Ion: 91 Resp: 589858
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





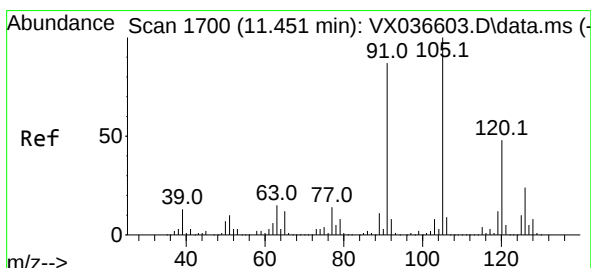
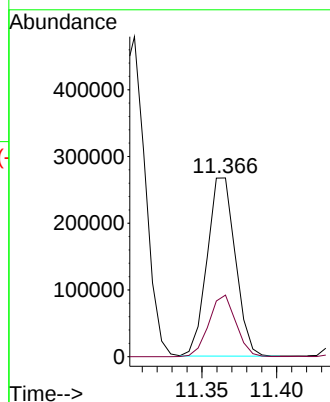
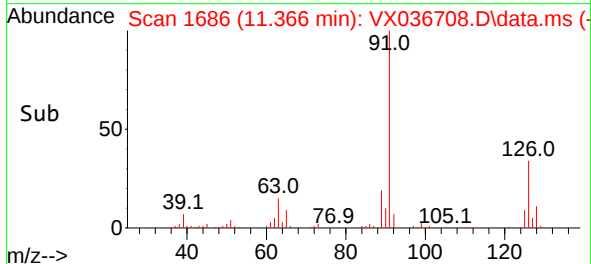
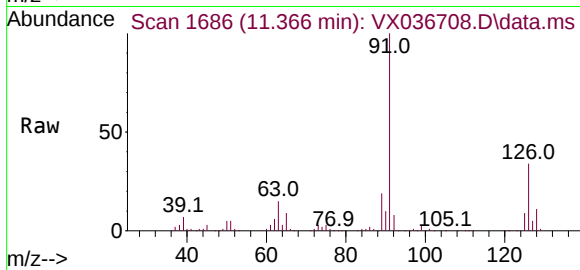
#79
2-Chlorotoluene
Concen: 46.519 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 350780
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

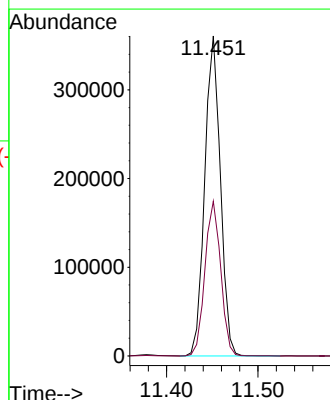
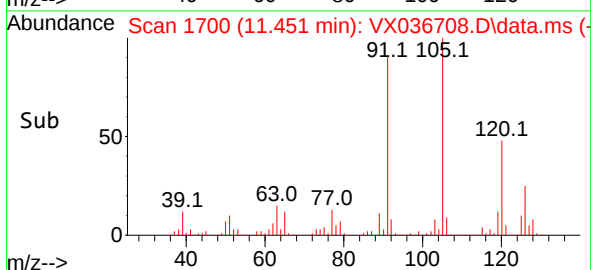
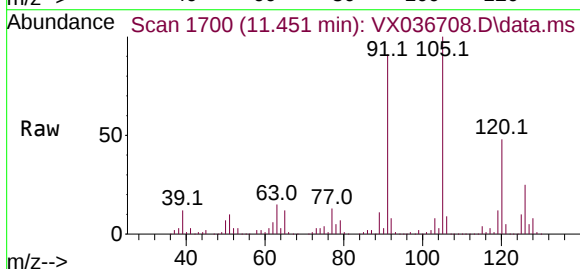
Manual Integrations
APPROVED

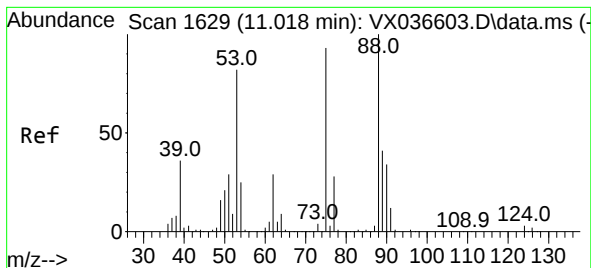
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.434 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:105 Resp: 426990
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





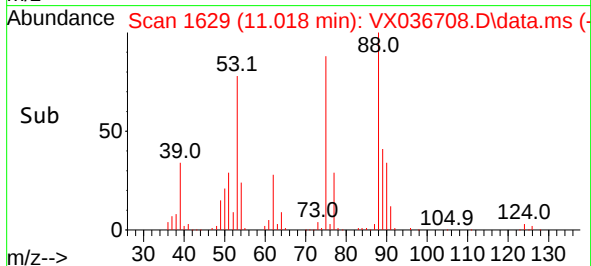
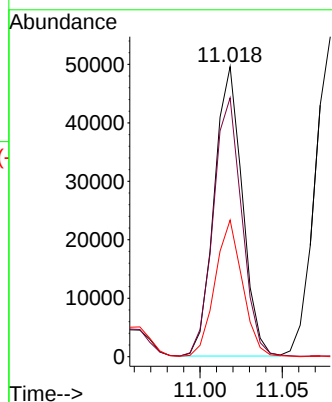
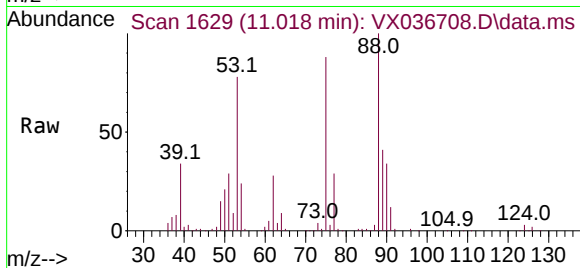
#81
trans-1,4-Dichloro-2-butene
Concen: 43.567 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5878
Ion Ratio Lower Upper
75 100
53 90.8 90.5 135.7
89 46.3 36.9 55.3

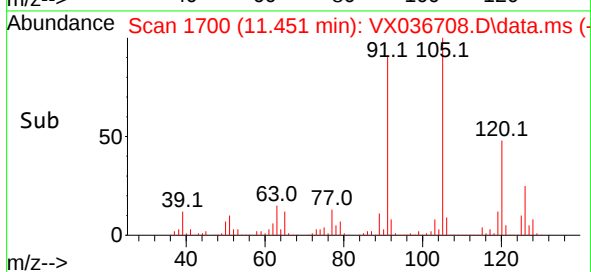
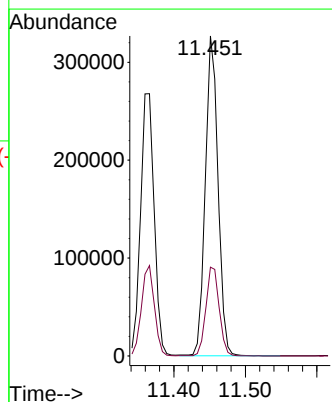
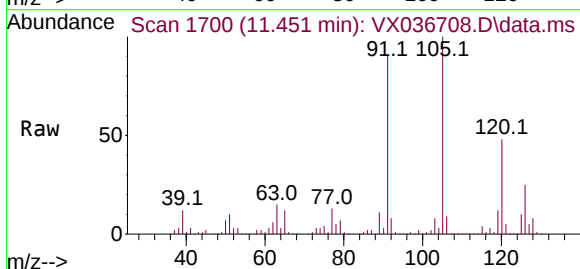
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 46.976 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

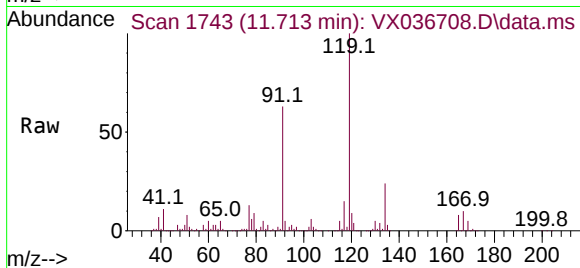
Tgt Ion: 91 Resp: 403618
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.653 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

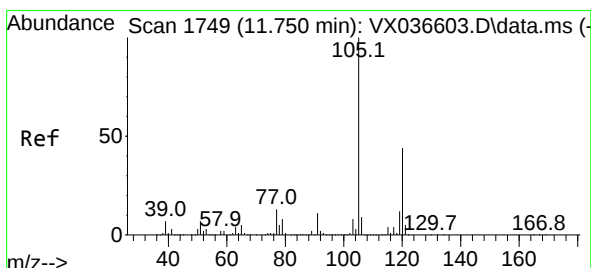
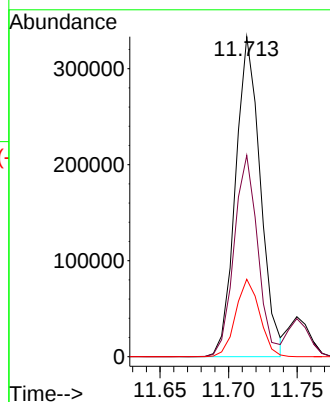
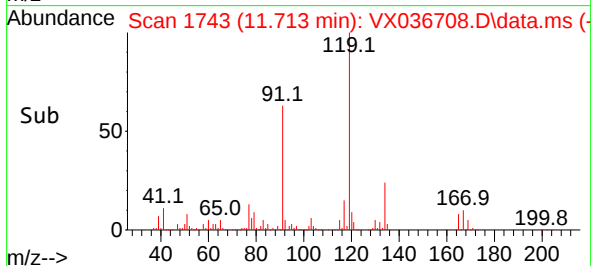
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



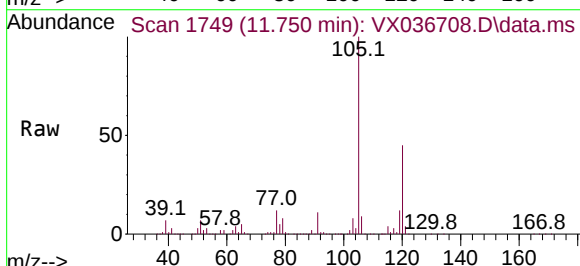
Tgt Ion:119 Resp: 421408
Ion Ratio Lower Upper
119 100
91 60.4 31.2 93.6
134 23.3 11.7 35.0

Manual Integrations
APPROVED

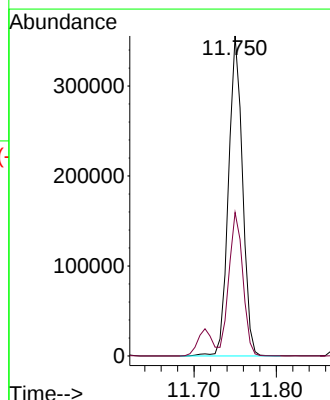
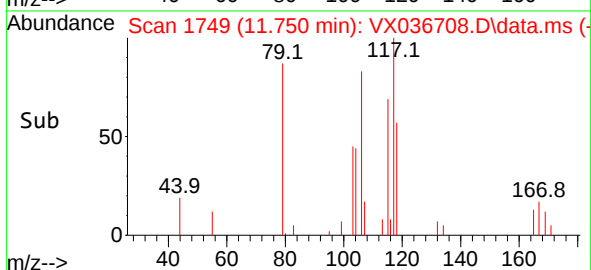
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

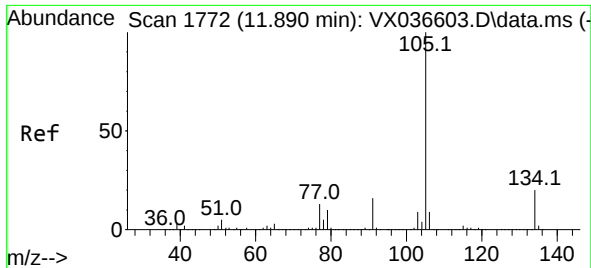


#84
1,2,4-Trimethylbenzene
Concen: 46.974 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



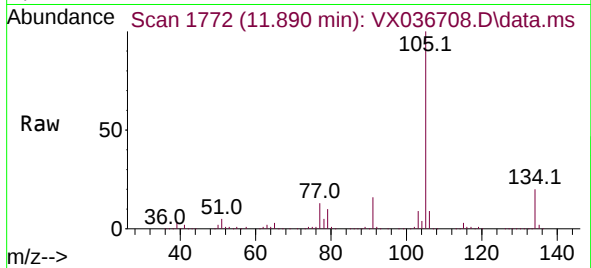
Tgt Ion:105 Resp: 422881
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.184 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

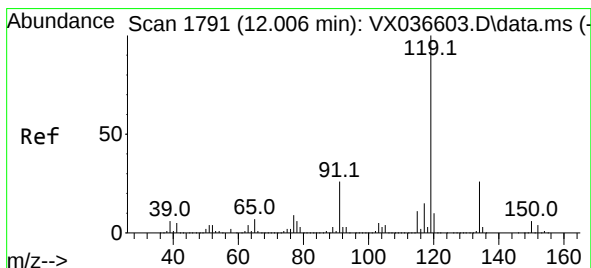
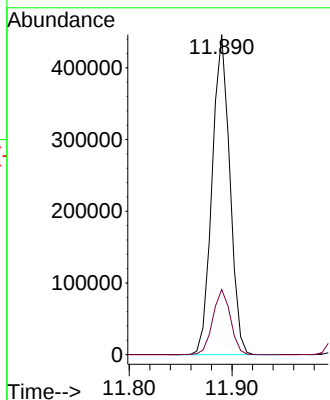
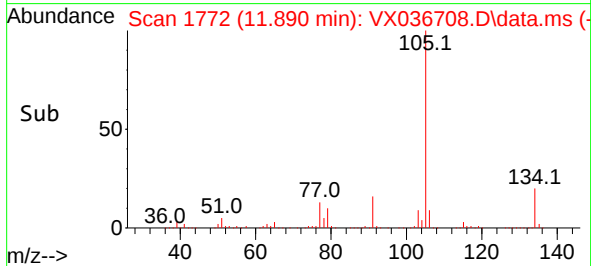
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 531392
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

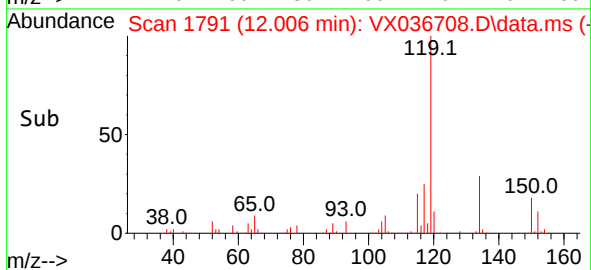
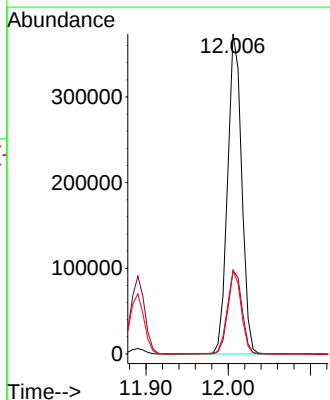
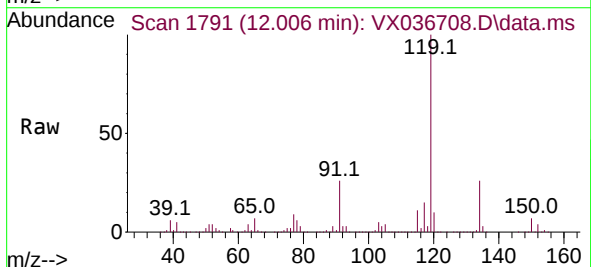
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#86
 p-Isopropyltoluene
 Concen: 49.072 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036708.D
 Acq: 31 Jul 2023 10:16

Tgt Ion:119 Resp: 445311
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 25.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.662 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22085

Ion Ratio Lower Upper

146 100

111 42.6 22.1 66.1

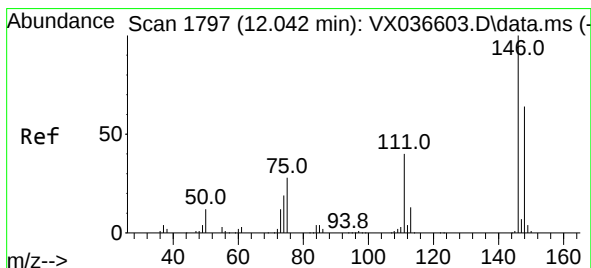
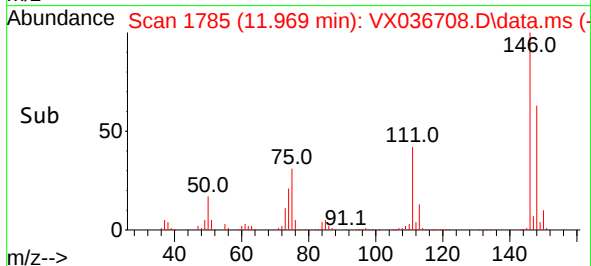
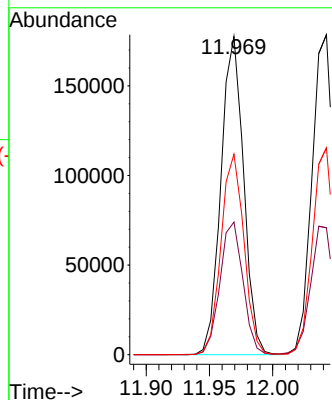
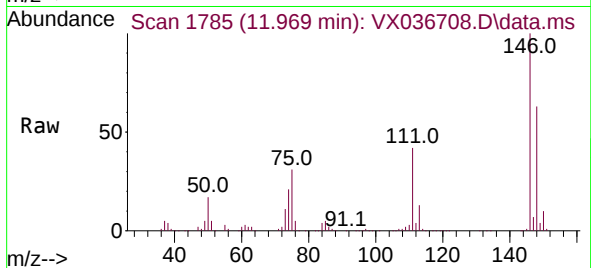
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#88

1,4-Dichlorobenzene

Concen: 49.035 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036708.D

Acq: 31 Jul 2023 10:16

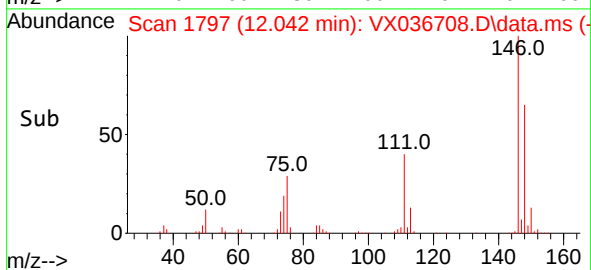
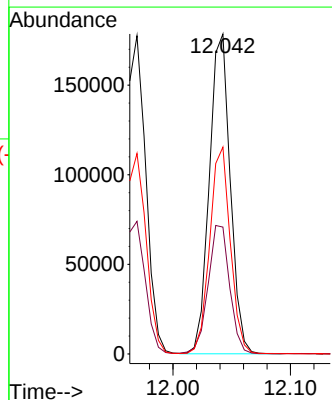
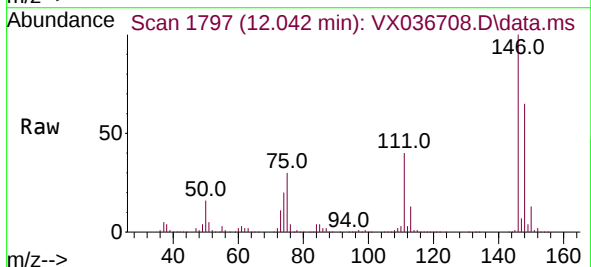
Tgt Ion:146 Resp: 220858

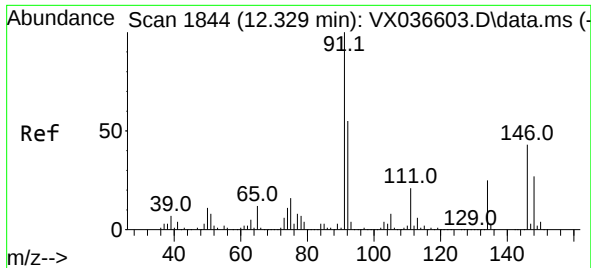
Ion Ratio Lower Upper

146 100

111 41.4 21.3 63.7

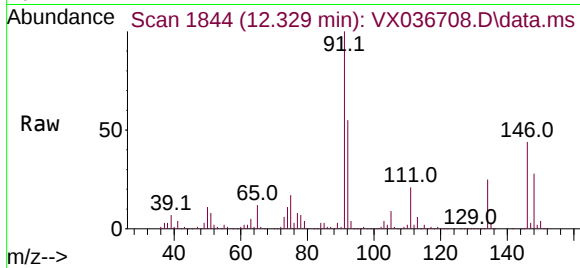
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 49.298 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

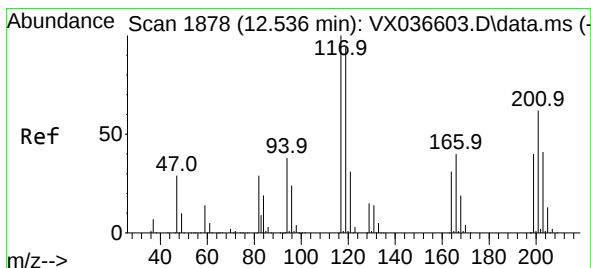
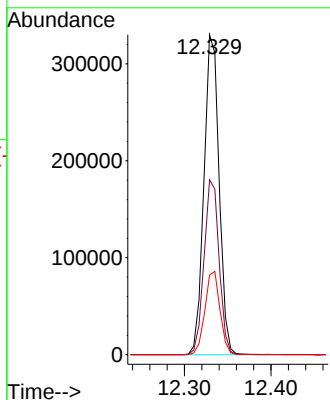
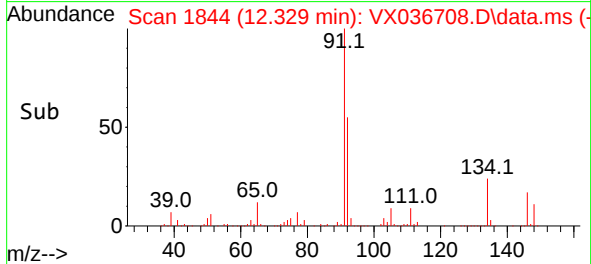
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 400470
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.9 12.6 37.8

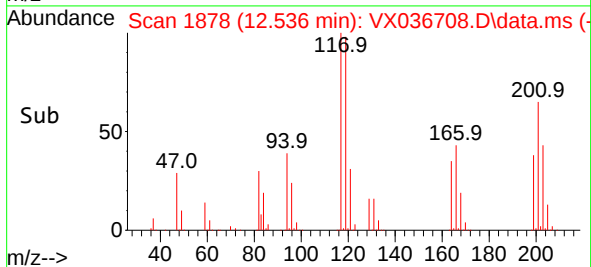
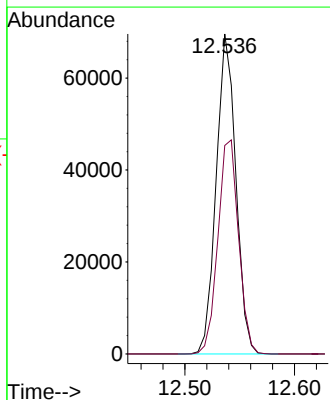
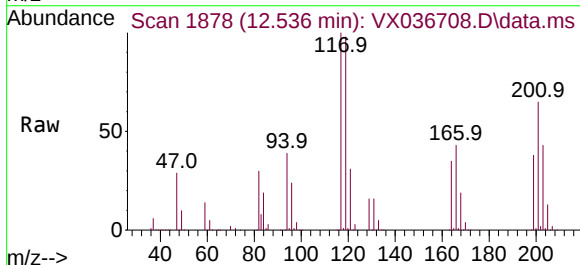
Manual Integrations
APPROVED

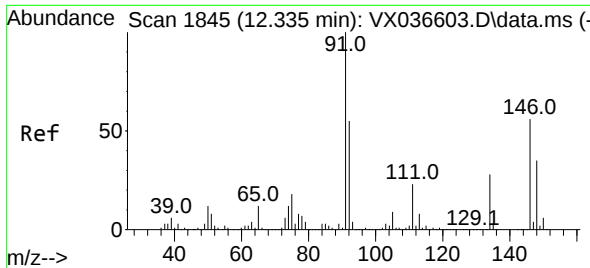
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#90
Hexachloroethane
Concen: 47.150 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

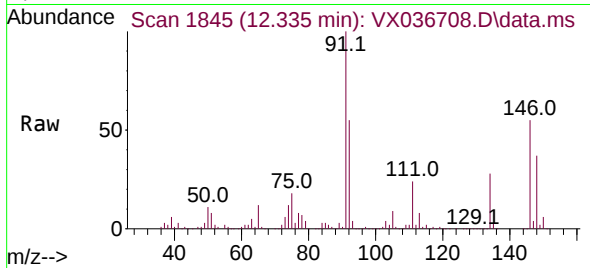
Tgt Ion:117 Resp: 86741
Ion Ratio Lower Upper
117 100
201 70.4 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.709 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

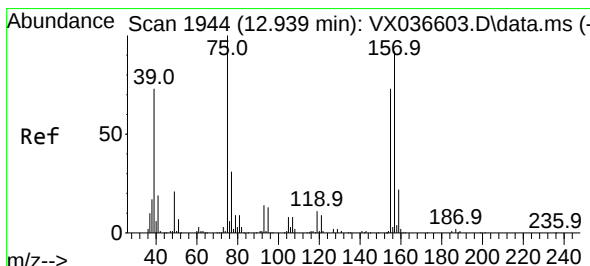
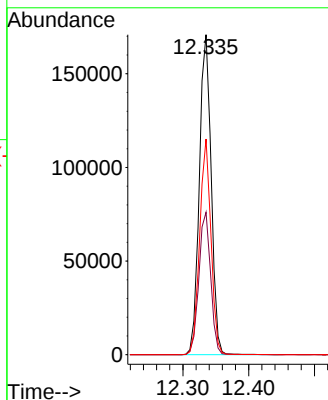
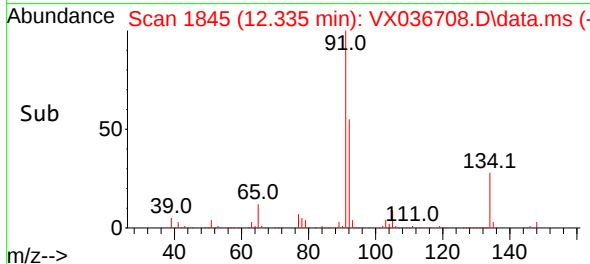
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



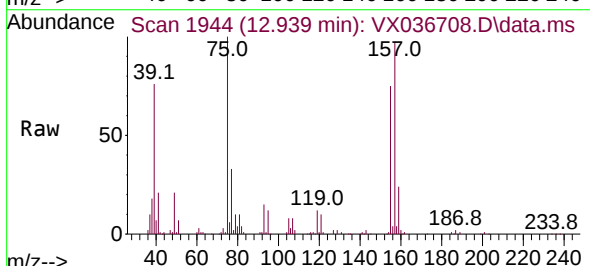
Tgt Ion:146 Resp: 21333
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 64.4 31.6 95.0

Manual Integrations
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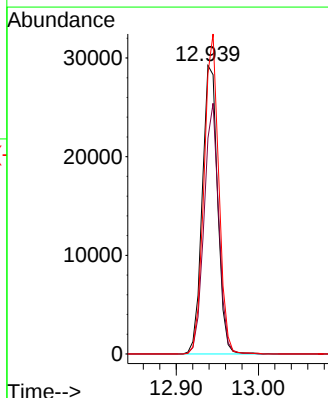
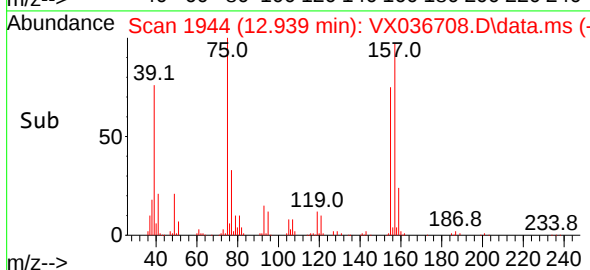
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

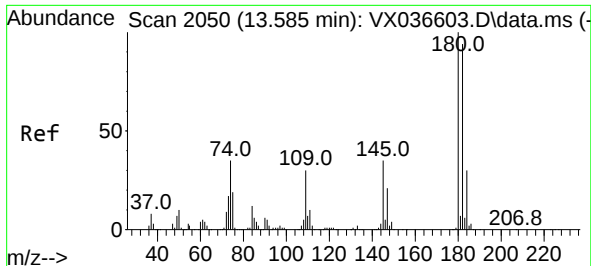


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.012 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16



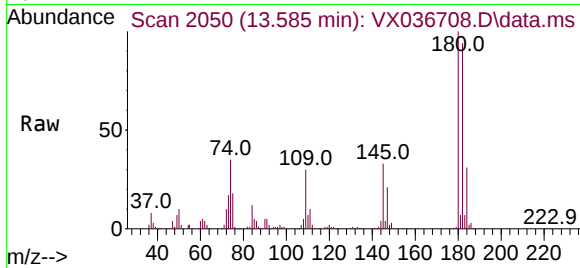
Tgt Ion: 75 Resp: 38014
Ion Ratio Lower Upper
75 100
155 83.0 36.1 108.5
157 106.3 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.834 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

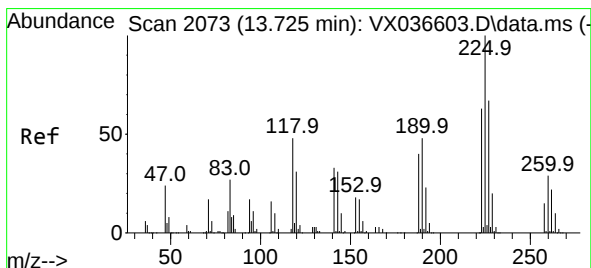
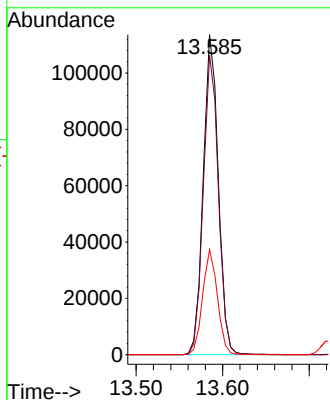
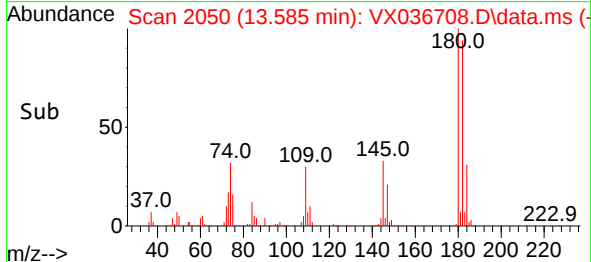
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 137160
Ion Ratio Lower Upper
180 100
182 94.0 48.3 144.8
145 32.3 18.0 54.0

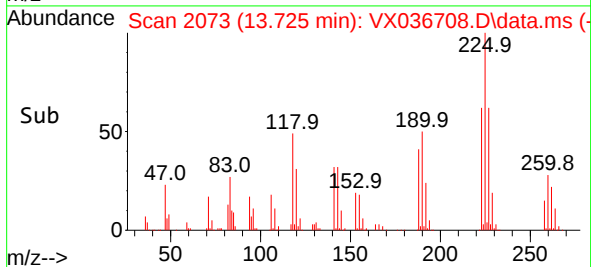
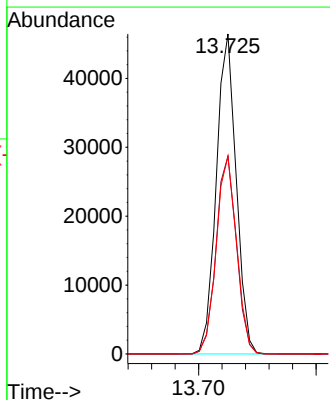
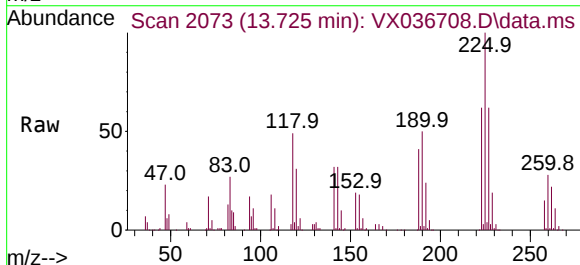
Manual Integrations
APPROVED

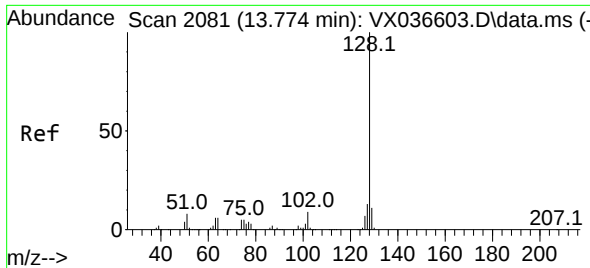
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#94
Hexachlorobutadiene
Concen: 49.016 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

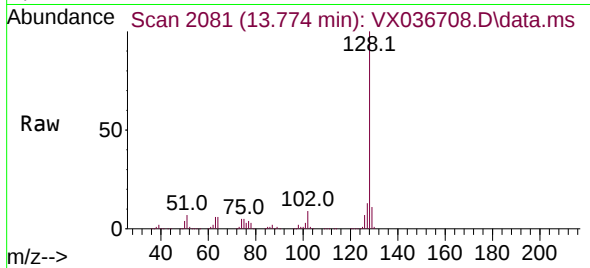
Tgt Ion:225 Resp: 54717
Ion Ratio Lower Upper
225 100
223 62.9 31.1 93.2
227 63.0 32.5 97.5





#95
Naphthalene
Concen: 48.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

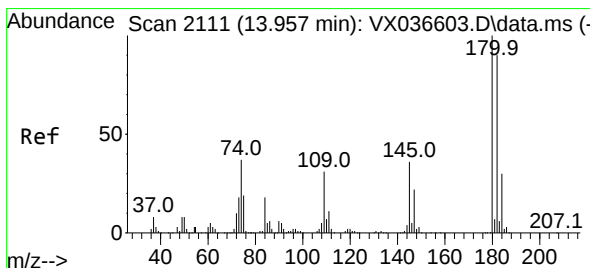
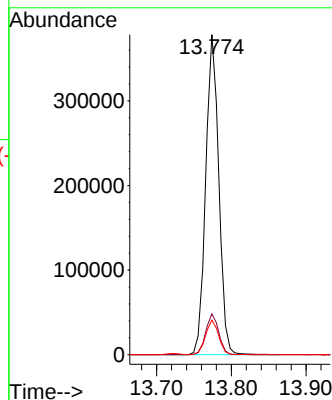
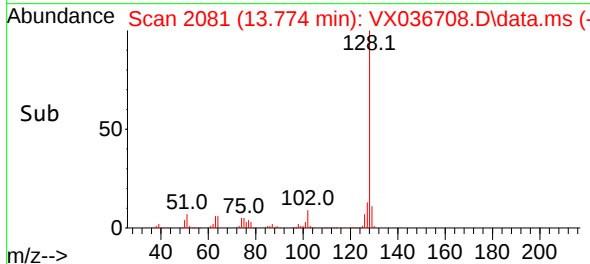
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 458532
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 49.838 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036708.D
Acq: 31 Jul 2023 10:16

Tgt Ion:180 Resp: 132543
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 35.2 17.8 53.5

