

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037330.D
 Acq On : 29 Aug 2023 10:14
 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 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:04:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	217348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89811	48.910	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.820%		
35) Dibromofluoromethane	5.385	113	76367	53.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.100%		
50) Toluene-d8	8.647	98	267022	51.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.280%		
62) 4-Bromofluorobenzene	11.079	95	111376	54.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	81257	54.920	ug/l	99
3) Chloromethane	1.301	50	79111	61.119	ug/l	99
4) Vinyl Chloride	1.374	62	79609	56.503	ug/l	100
5) Bromomethane	1.599	94	42857	61.066	ug/l	97
6) Chloroethane	1.679	64	43336	52.269	ug/l	100
7) Trichlorofluoromethane	1.880	101	124574	53.976	ug/l	99
8) Diethyl Ether	2.130	74	50930	57.038	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	72896	54.141	ug/l	96
10) Methyl Iodide	2.447	142	94239	57.589	ug/l	94
11) Tert butyl alcohol	2.965	59	108186	251.162	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	69482	52.994	ug/l	83
13) Acrolein	2.233	56	71219	217.340	ug/l	99
14) Allyl chloride	2.660	41	109979	54.193	ug/l #	89
15) Acrylonitrile	3.062	53	218275	283.909	ug/l	99
16) Acetone	2.380	43	206915	288.038	ug/l #	88
17) Carbon Disulfide	2.508	76	169699	50.883	ug/l	98
18) Methyl Acetate	2.703	43	144404	53.389	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	274977	55.298	ug/l	96
20) Methylene Chloride	2.788	84	87524	54.482	ug/l #	84
21) trans-1,2-Dichloroethene	3.087	96	78743	52.831	ug/l	88
22) Diisopropyl ether	3.757	45	227782	54.697	ug/l #	88
23) Vinyl Acetate	3.715	43	882377	276.500	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	141675	54.251	ug/l	97
25) 2-Butanone	4.550	43	294845	272.592	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	123669	53.026	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	96631	54.994	ug/l	87
28) Bromochloromethane	4.891	49	63024	54.024	ug/l #	72
29) Tetrahydrofuran	5.001	42	183051	265.372	ug/l #	82
30) Chloroform	5.093	83	158423	54.041	ug/l	98
31) Cyclohexane	5.464	56	112518	54.496	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	137092	52.186	ug/l	96
36) 1,1-Dichloropropene	5.690	75	107867	52.745	ug/l	97
37) Ethyl Acetate	4.708	43	110062	52.686	ug/l #	91
38) Carbon Tetrachloride	5.672	117	118730	53.446	ug/l	99
39) Methylcyclohexane	7.379	83	136499	63.528	ug/l	89
40) Benzene	6.038	78	331970	56.600	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58245	53.633	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	123972	53.899	ug/l	94
43) Isopropyl Acetate	6.336	43	181000	54.574	ug/l #	90
44) Trichloroethene	7.123	130	87909	52.858	ug/l	96
45) 1,2-Dichloropropane	7.428	63	82892	57.318	ug/l	99
46) Dibromomethane	7.580	93	64382	56.511	ug/l	93
47) Bromodichloromethane	7.818	83	123337	56.521	ug/l	97
48) Methyl methacrylate	7.690	41	88306	54.596	ug/l #	82
49) 1,4-Dioxane	7.659	88	50867	1167.733	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	560884	278.501	ug/l	89
52) Toluene	8.720	92	219611	56.670	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	134367	57.830	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	145240	57.845	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	92313	58.500	ug/l	97
56) Ethyl methacrylate	9.116	69	143486	58.051	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	154236	57.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	331919	279.827	ug/l	91
59) 2-Hexanone	9.427	43	441538	287.539	ug/l	86
60) Dibromochloromethane	9.519	129	100998	60.115	ug/l	100
61) 1,2-Dibromoethane	9.610	107	100226	58.011	ug/l	99
64) Tetrachloroethene	9.275	164	71640	47.767	ug/l	99
65) Chlorobenzene	10.079	112	238896	54.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	91069	56.786	ug/l	99
67) Ethyl Benzene	10.195	91	420216	54.960	ug/l	98
68) m/p-Xylenes	10.299	106	333921	113.092	ug/l	97
69) o-Xylene	10.640	106	165768	56.904	ug/l	98
70) Styrene	10.653	104	278920	58.125	ug/l	97
71) Bromoform	10.799	173	72969	60.828	ug/l #	100
73) Isopropylbenzene	10.963	105	424471	53.112	ug/l	98
74) N-amyl acetate	10.842	43	163094	52.520	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	150724	56.000	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	123738m	52.842	ug/l	
77) Bromobenzene	11.195	156	105381	53.990	ug/l	92
78) n-propylbenzene	11.305	91	488400	54.881	ug/l	98
79) 2-Chlorotoluene	11.366	91	304771	53.591	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	374755	56.212	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	46533	55.503	ug/l	85
82) 4-Chlorotoluene	11.451	91	351720	53.578	ug/l	98
83) tert-Butylbenzene	11.713	119	371580	58.443	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	378118	56.119	ug/l	98
85) sec-Butylbenzene	11.890	105	453835	61.111	ug/l	99
86) p-Isopropyltoluene	12.006	119	392126	61.336	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	203041	55.562	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	204343	54.124	ug/l	99
89) n-Butylbenzene	12.329	91	330426	62.340	ug/l	99
90) Hexachloroethane	12.536	117	68285	63.994	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	205236	57.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35082	56.096	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	128200	61.229	ug/l	98
94) Hexachlorobutadiene	13.725	225	54329	67.166	ug/l	99
95) Naphthalene	13.774	128	458151	49.953	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	126717	60.916	ug/l	98

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VSTDCCC050

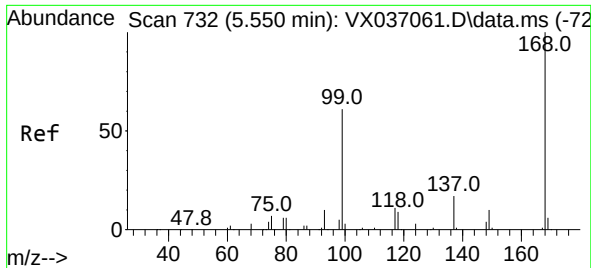
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/31/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

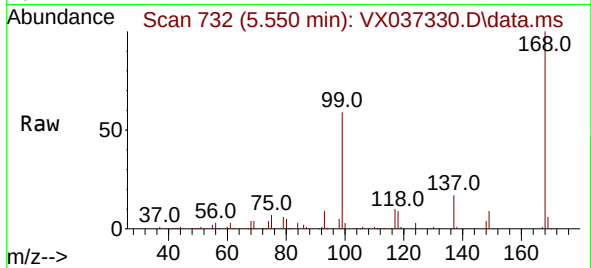
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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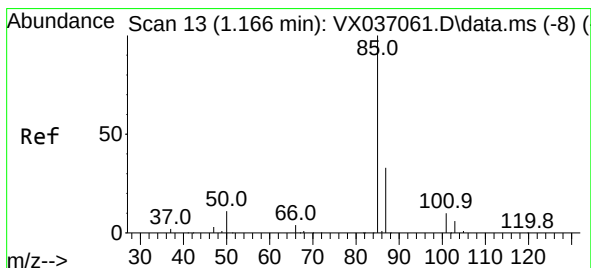
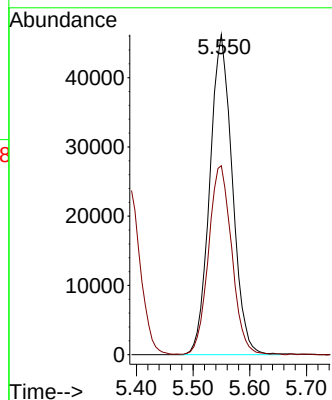
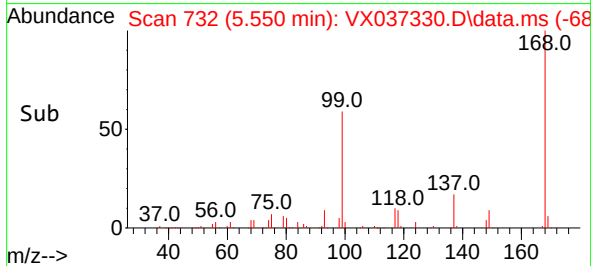
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 127369
Ion Ratio Lower Upper
168 100
99 58.9 56.6 85.0

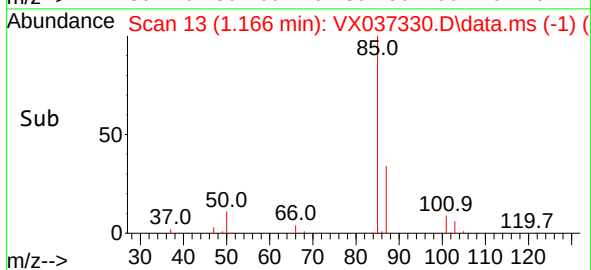
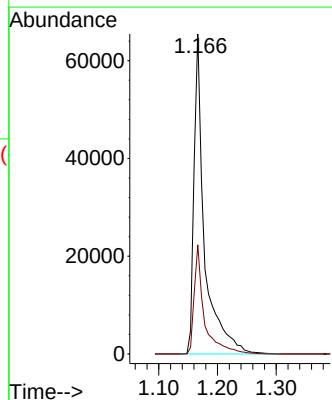
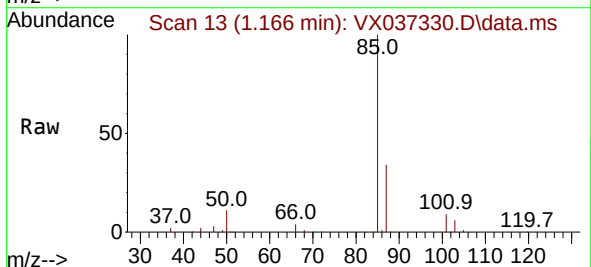
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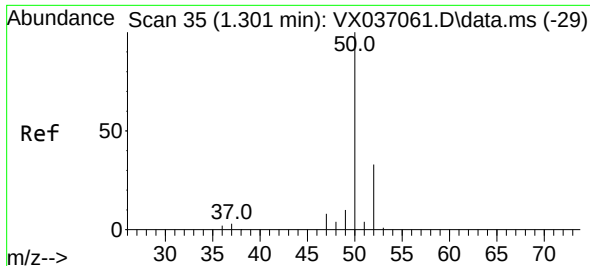
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#2
Dichlorodifluoromethane
Concen: 54.920 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

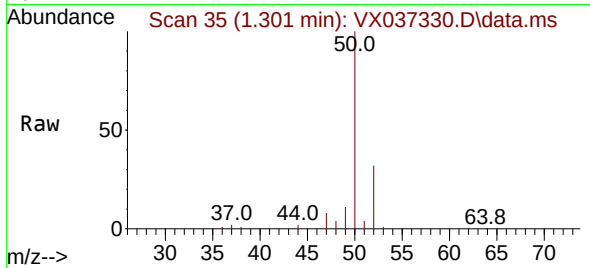
Tgt Ion: 85 Resp: 81257
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.1





#3
Chloromethane
Concen: 61.119 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

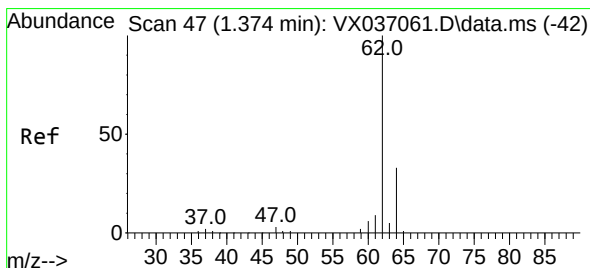
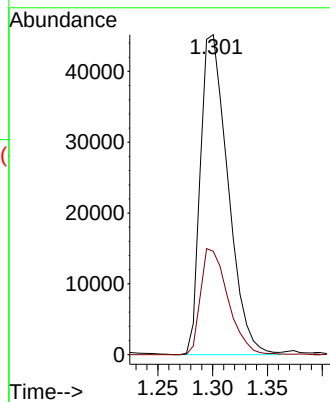
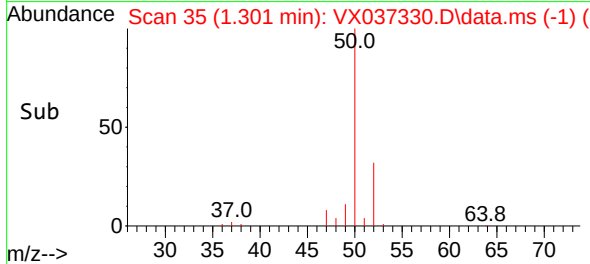
Instrument :
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Tgt Ion: 50 Resp: 7911
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

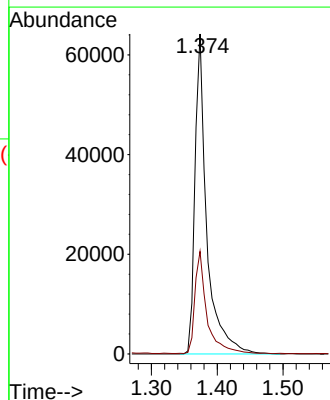
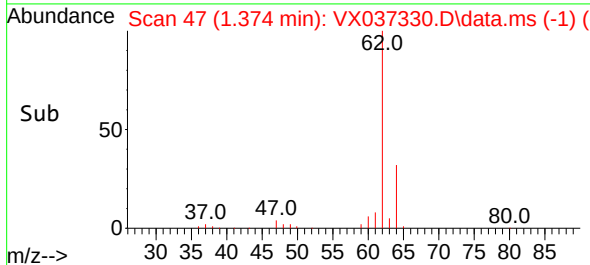
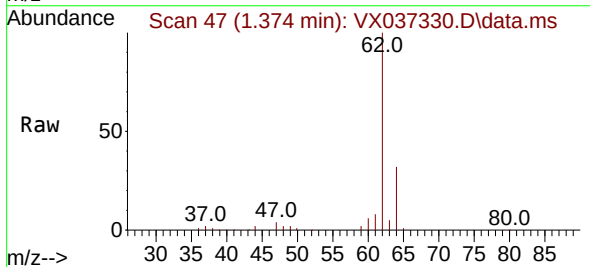
Manual Integrations
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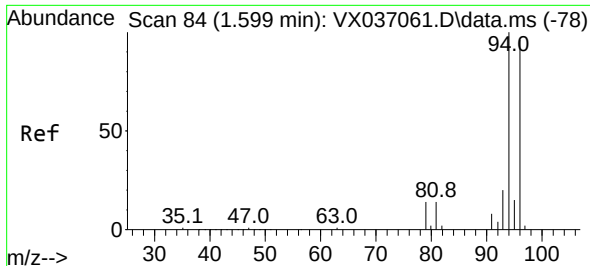
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#4
Vinyl Chloride
Concen: 56.503 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

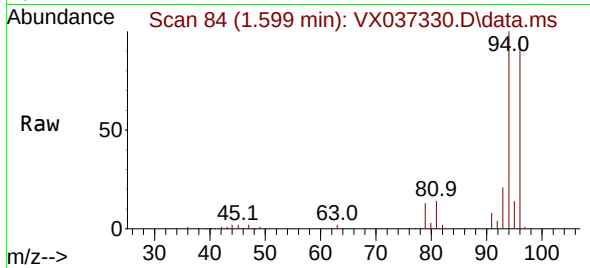
Tgt Ion: 62 Resp: 79609
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 61.066 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

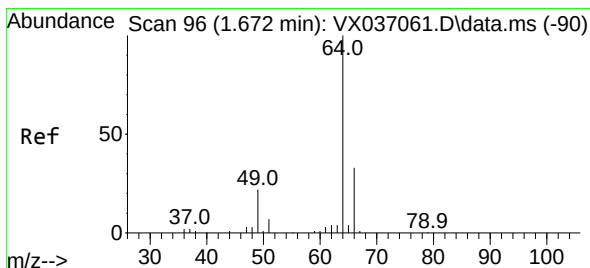
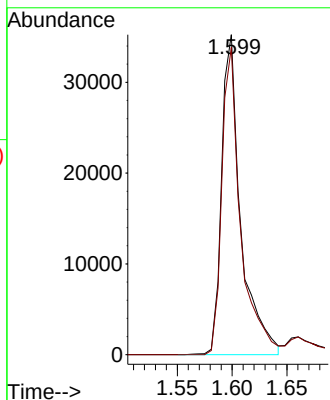
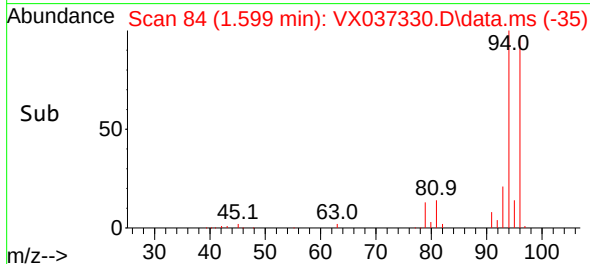
Instrument :
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Tgt Ion: 94 Resp: 4285
Ion Ratio Lower Upper
94 100
96 96.1 74.6 111.8

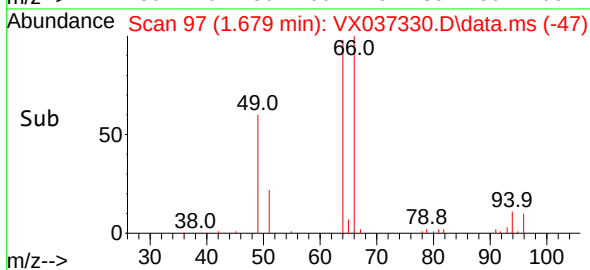
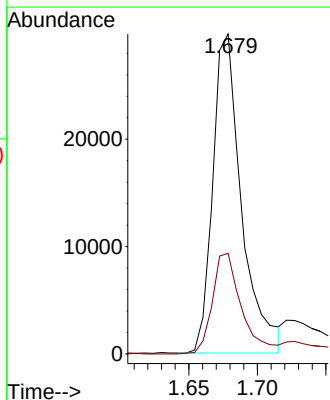
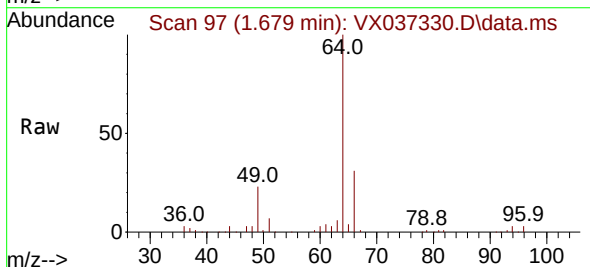
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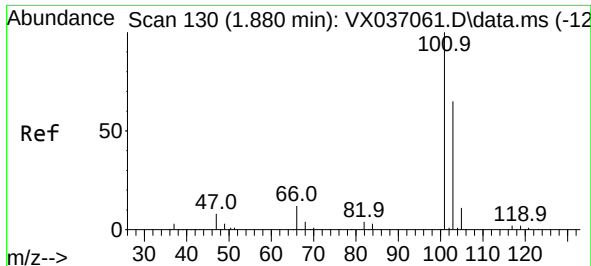
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#6
Chloroethane
Concen: 52.269 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

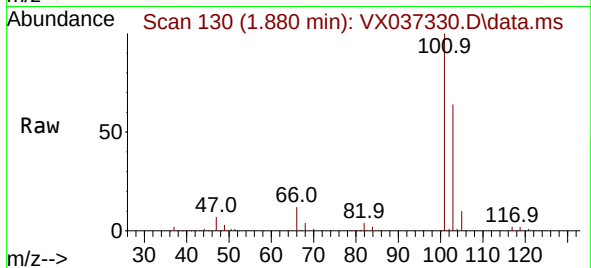
Tgt Ion: 64 Resp: 43336
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 53.976 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

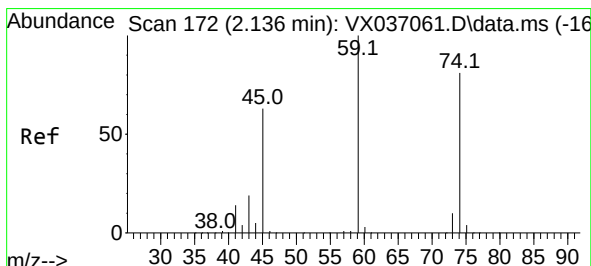
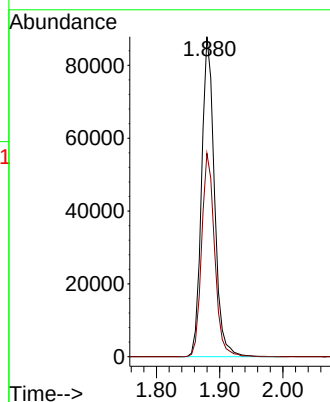
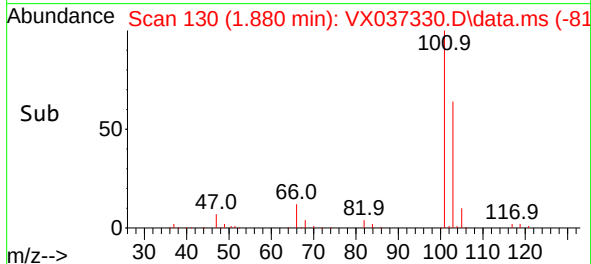
Instrument :
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VSTDCCC050



Tgt Ion:101 Resp: 124574
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

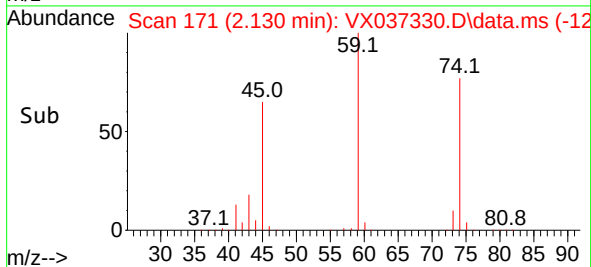
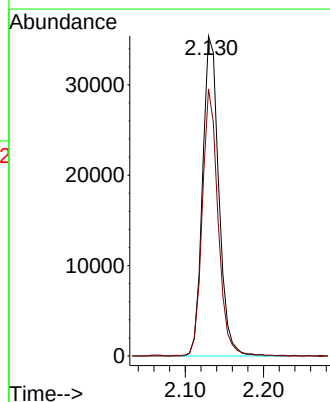
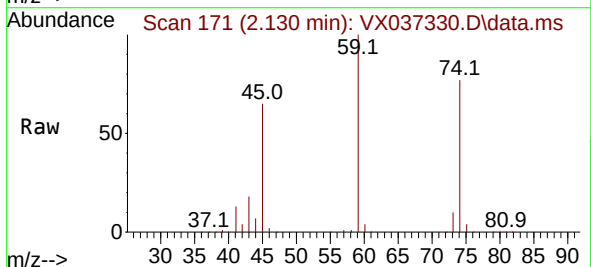
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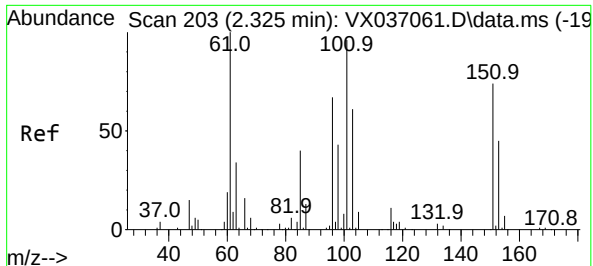
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#8
Diethyl Ether
Concen: 57.038 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037330.D
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Tgt Ion: 74 Resp: 50930
Ion Ratio Lower Upper
74 100
45 81.5 53.3 159.8





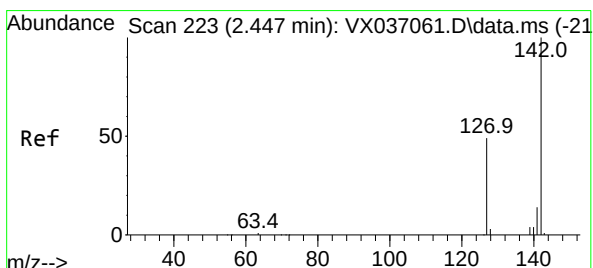
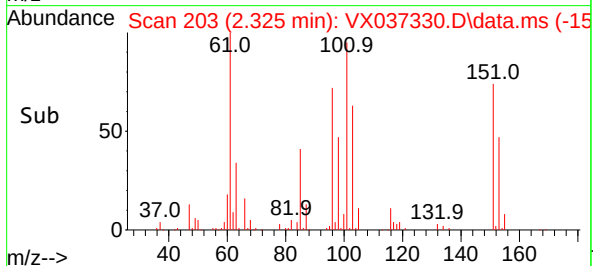
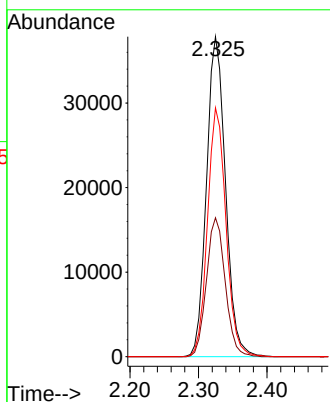
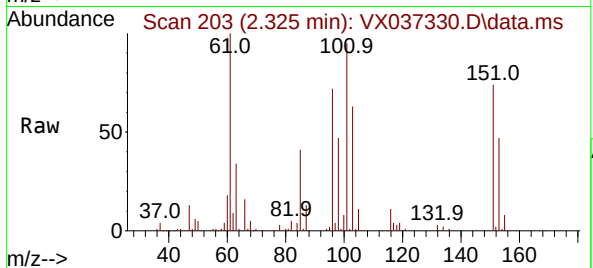
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.141 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 72890
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 75.7 58.6 87.8

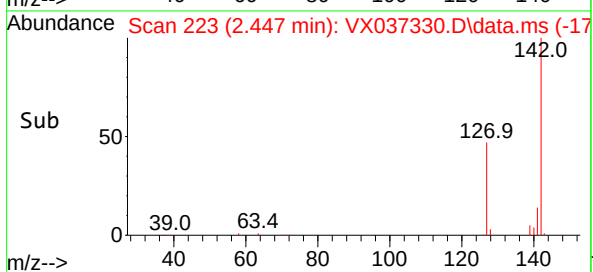
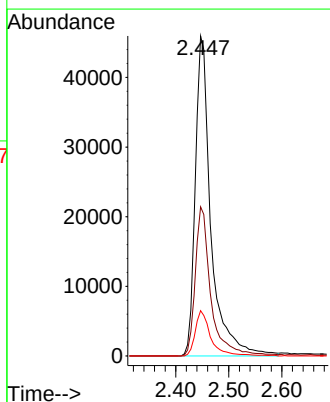
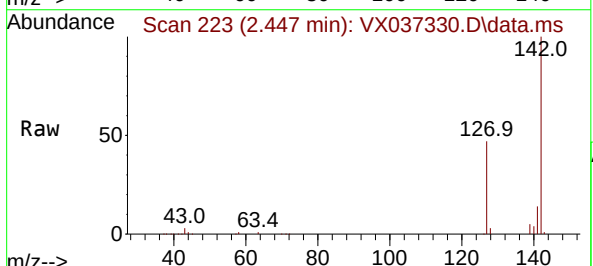
Manual Integrations
APPROVED

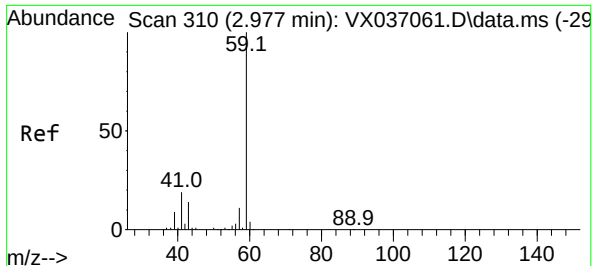
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#10
Methyl Iodide
Concen: 57.589 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion:142 Resp: 94239
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.1 11.6 17.4





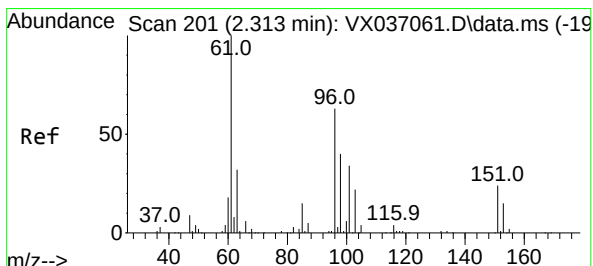
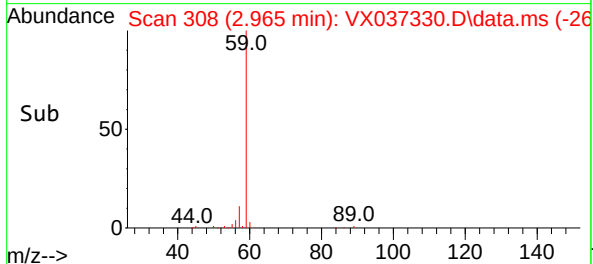
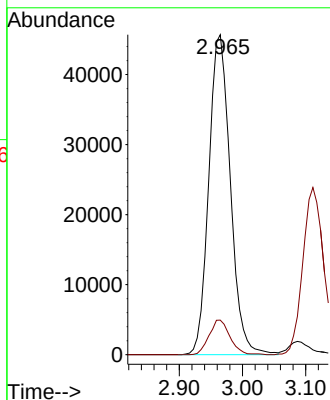
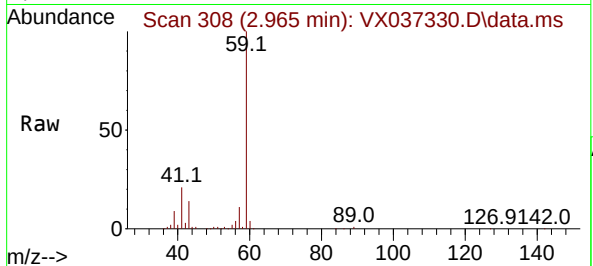
#11
Tert butyl alcohol
Concen: 251.162 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 108180
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

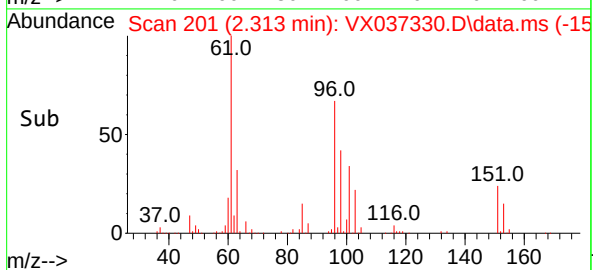
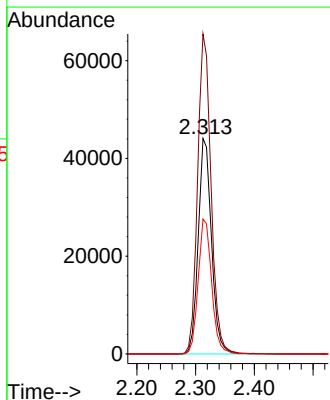
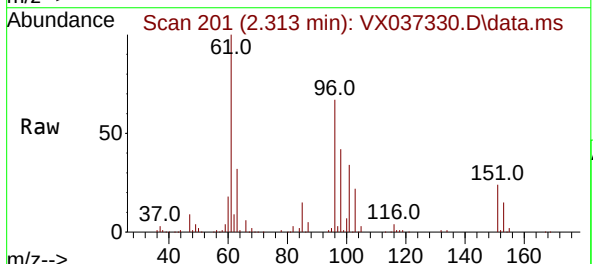
Manual Integrations
APPROVED

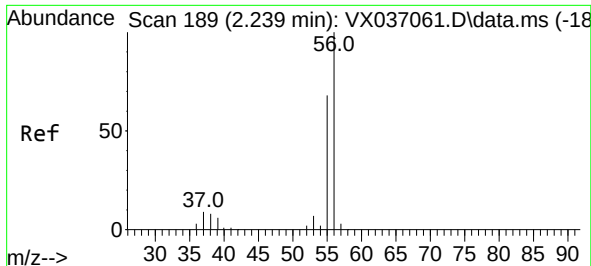
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#12
1,1-Dichloroethene
Concen: 52.994 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

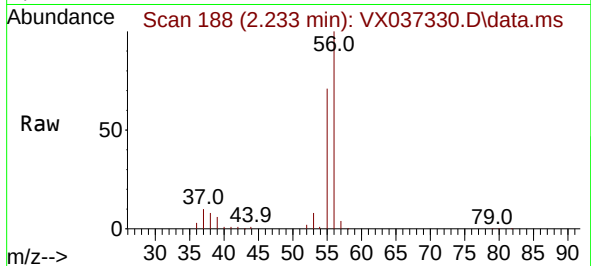
Tgt Ion: 96 Resp: 69482
Ion Ratio Lower Upper
96 100
61 148.5 144.6 216.8
98 62.6 50.4 75.6





#13
Acrolein
Concen: 217.340 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

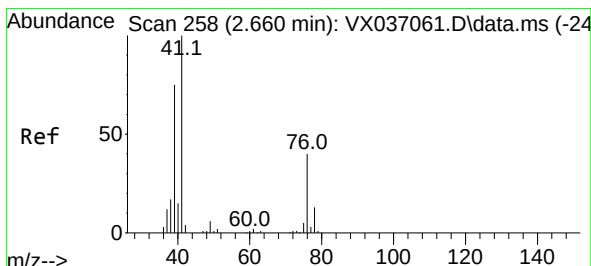
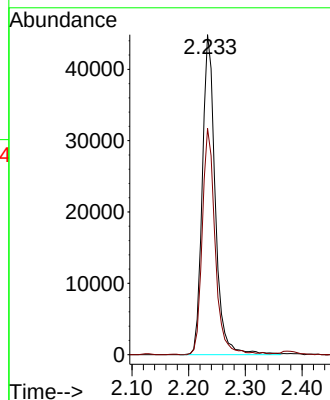
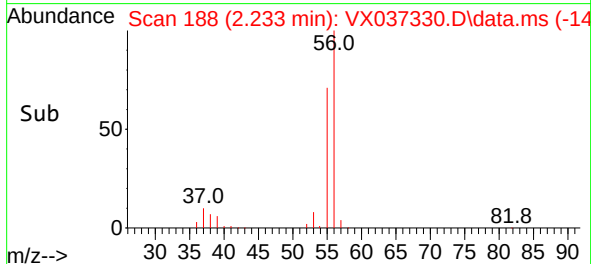
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 71219
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

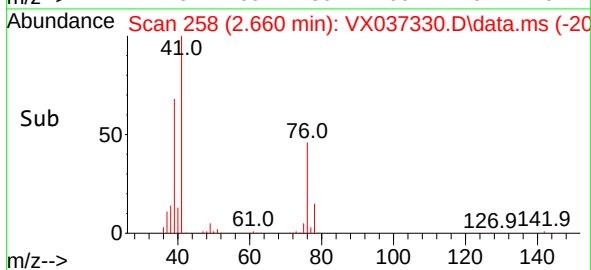
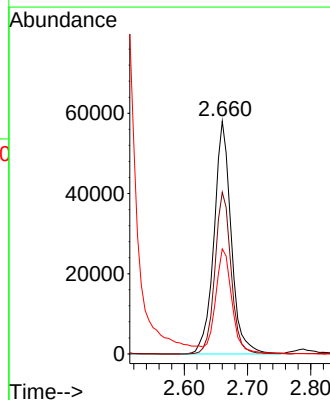
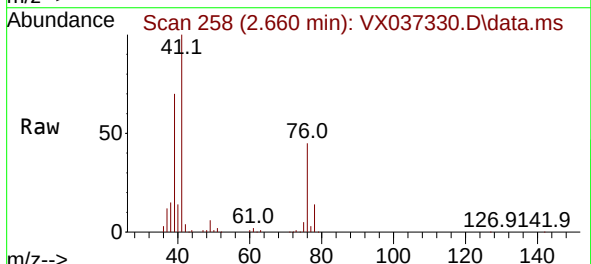
Manual Integrations
APPROVED

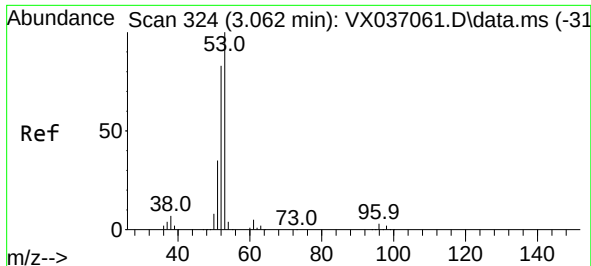
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#14
Allyl chloride
Concen: 54.193 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

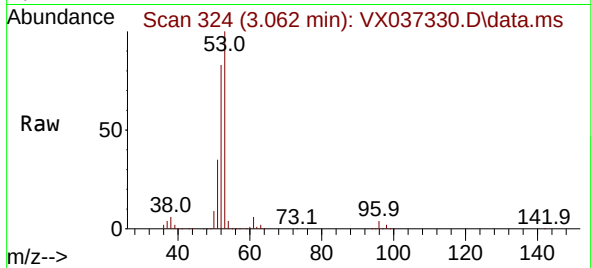
Tgt Ion: 41 Resp: 109979
Ion Ratio Lower Upper
41 100
39 65.1 55.8 83.6
76 42.7 24.3 36.5





#15
Acrylonitrile
Concen: 283.909 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

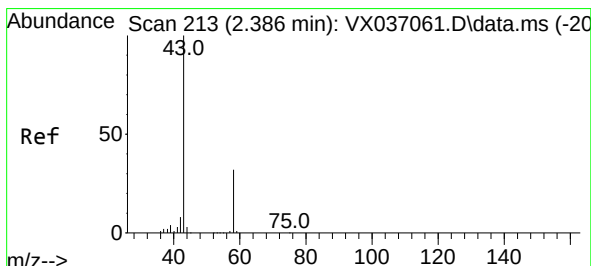
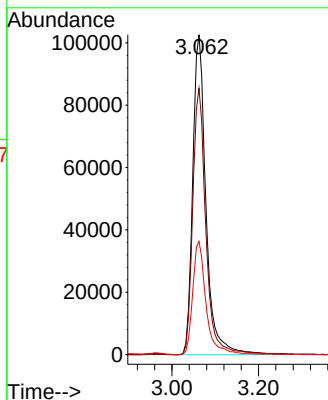
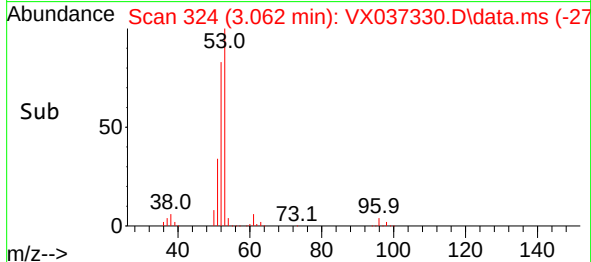
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 218275
Ion Ratio Lower Upper
53 100
52 82.8 66.0 99.0
51 36.0 29.8 44.6

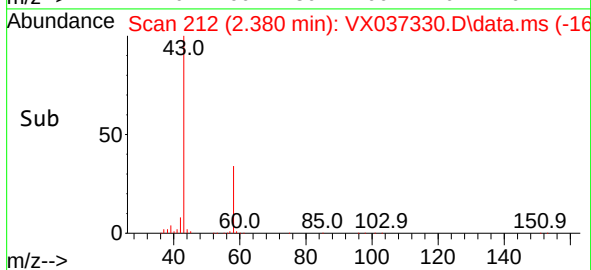
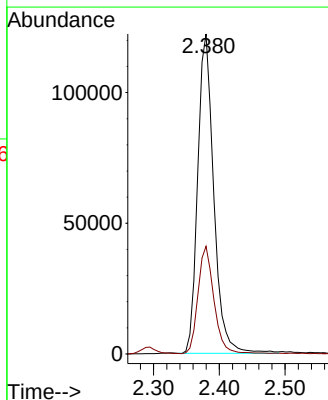
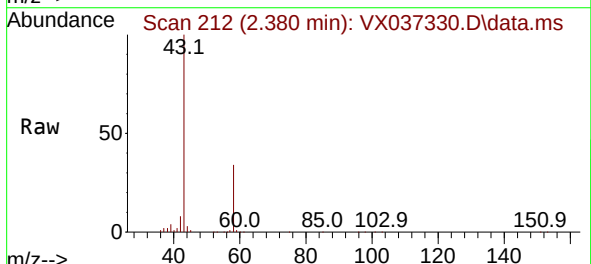
Manual Integrations
APPROVED

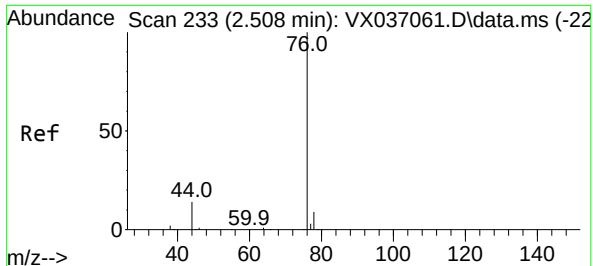
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#16
Acetone
Concen: 288.038 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion: 43 Resp: 206915
Ion Ratio Lower Upper
43 100
58 33.6 21.9 32.9





#17

Carbon Disulfide

Concen: 50.883 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 16969

Ion Ratio Lower Upper

76 100

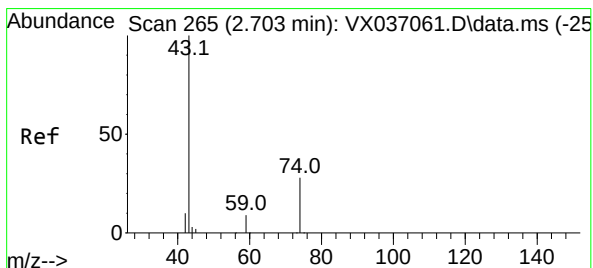
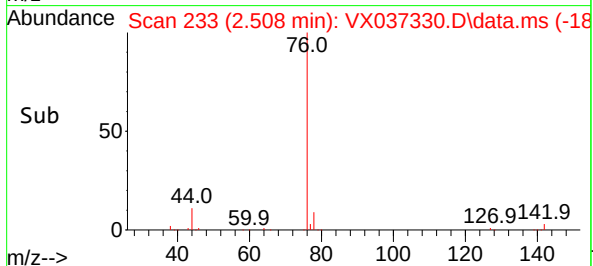
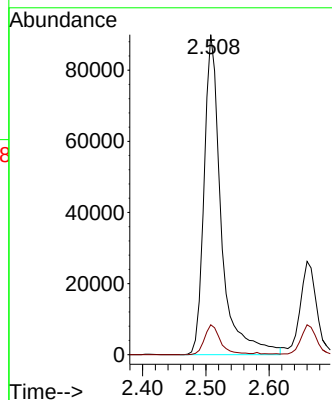
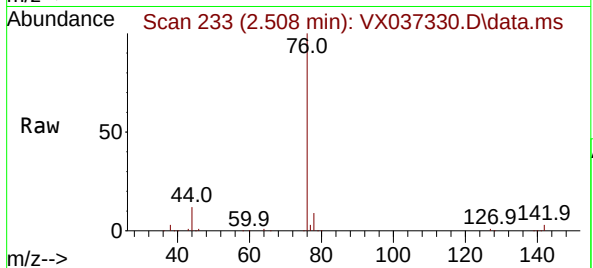
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#18

Methyl Acetate

Concen: 53.389 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037330.D

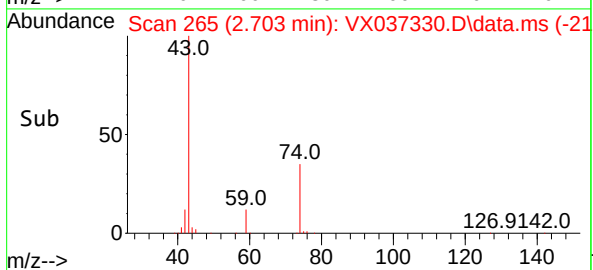
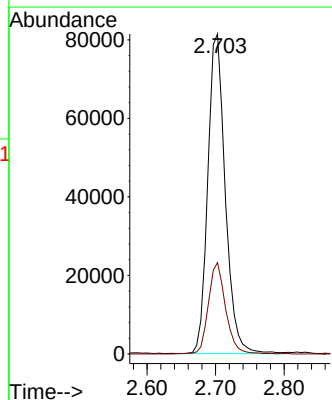
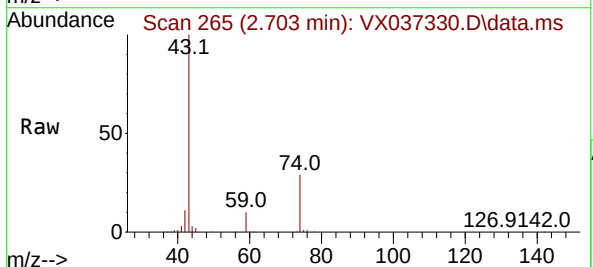
Acq: 29 Aug 2023 10:14

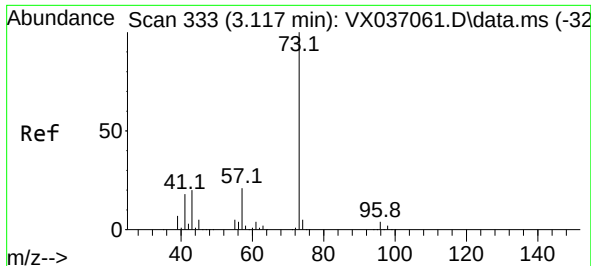
Tgt Ion: 43 Resp: 144404

Ion Ratio Lower Upper

43 100

74 28.2 17.8 26.8#





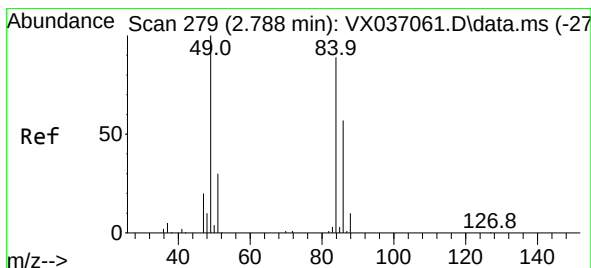
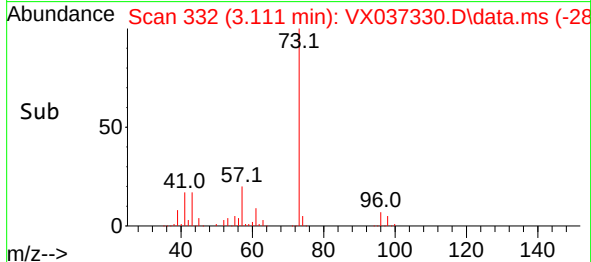
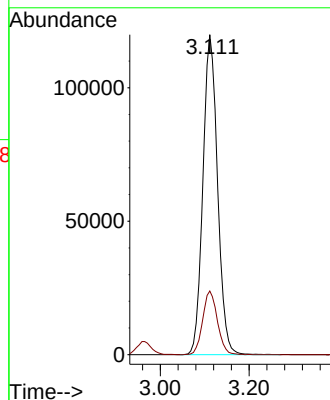
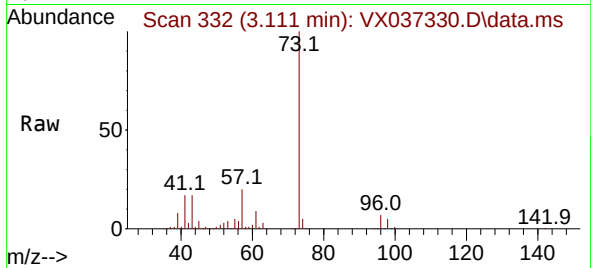
#19
Methyl tert-butyl Ether
Concen: 55.298 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 27497
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9

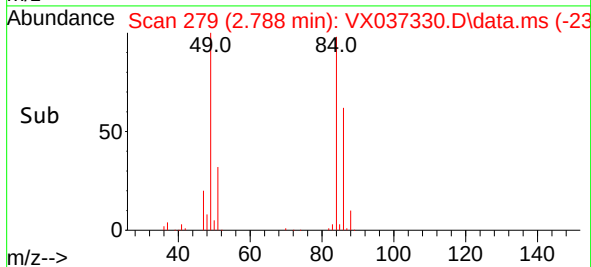
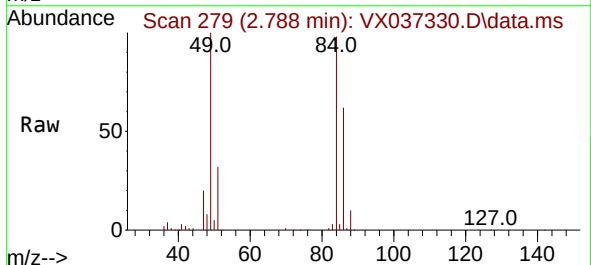
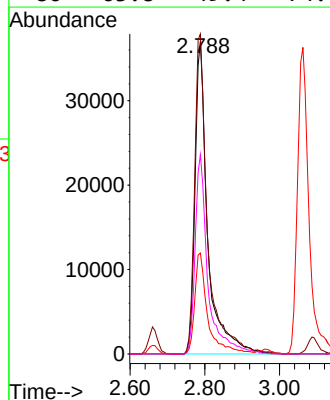
Manual Integrations
APPROVED

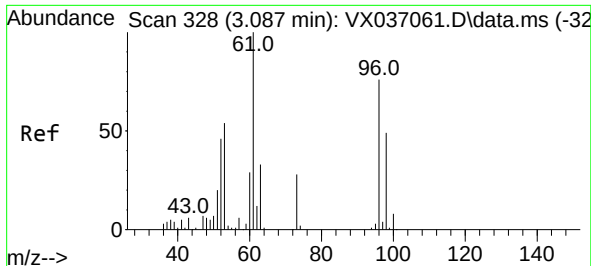
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 54.482 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

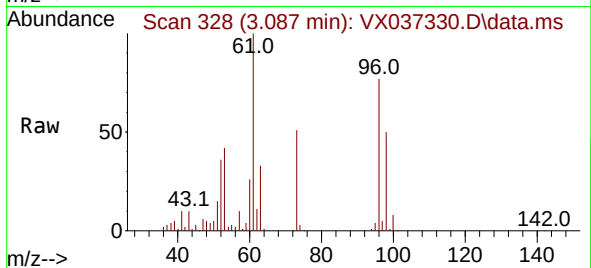
Tgt Ion: 84 Resp: 87524
Ion Ratio Lower Upper
84 100
49 102.5 103.6 155.4#
51 32.3 33.8 50.6#
86 63.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.831 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

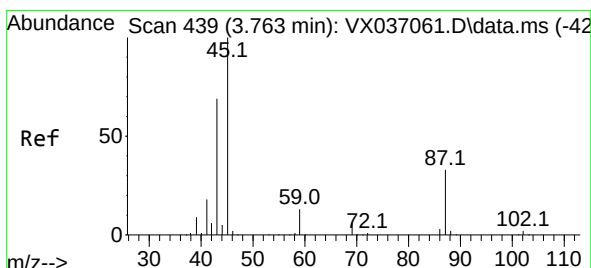
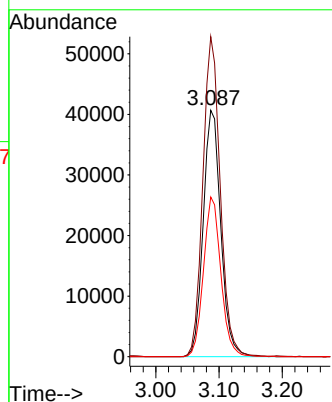
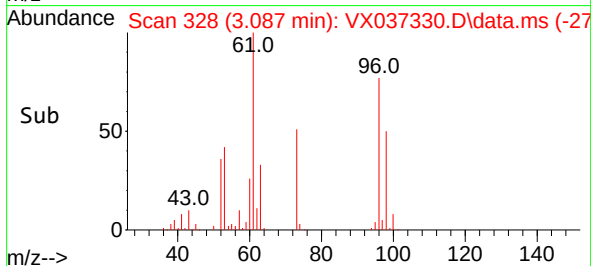
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



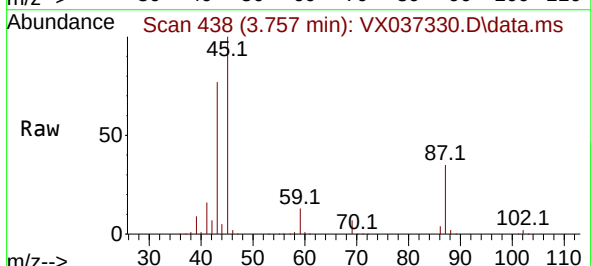
Tgt Ion: 96 Resp: 7874
Ion Ratio Lower Upper
96 100
61 129.9 119.2 178.8
98 64.8 48.7 73.1

Manual Integrations
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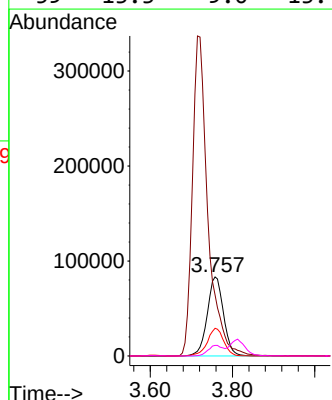
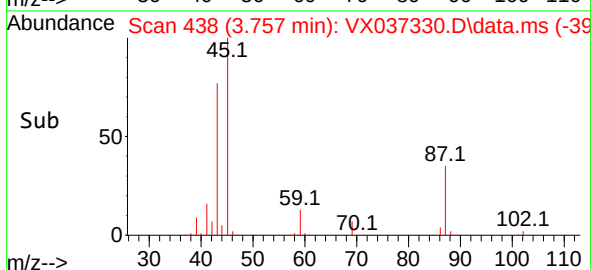
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

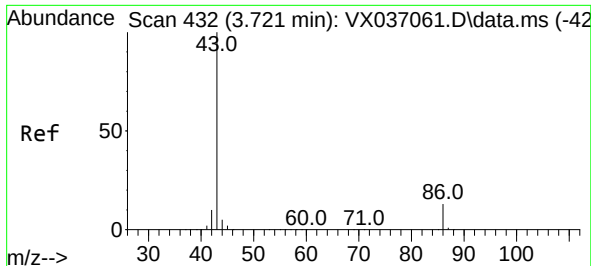


#22
Diisopropyl ether
Concen: 54.697 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



Tgt Ion: 45 Resp: 227782
Ion Ratio Lower Upper
45 100
43 76.6 69.7 104.5
87 35.0 20.8 31.2#
59 13.3 9.0 13.4





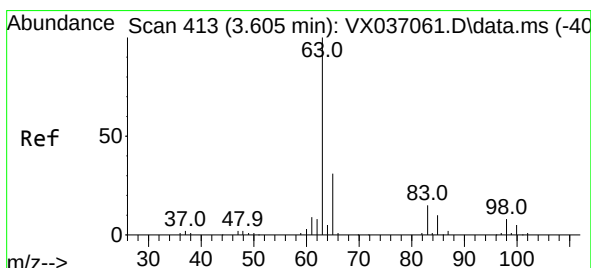
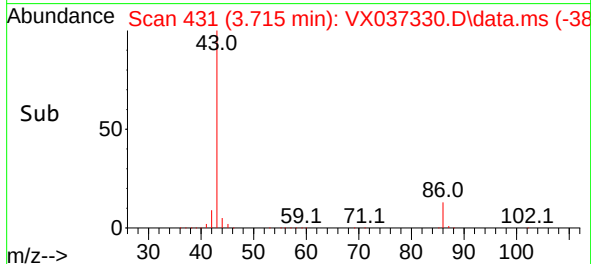
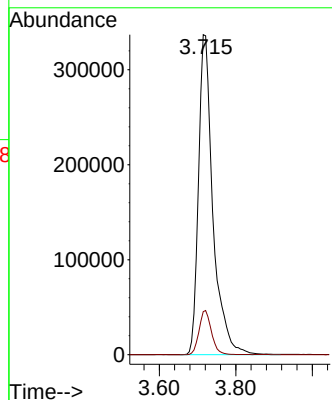
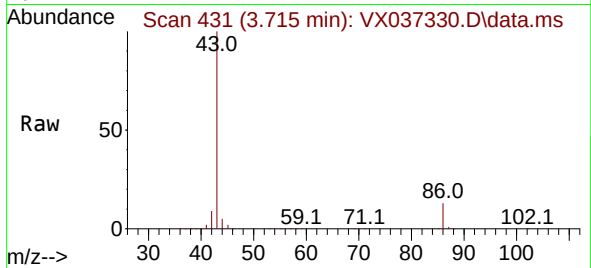
#23
Vinyl Acetate
Concen: 276.500 ug/l
RT: 3.715 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 88237
Ion Ratio Lower Upper
43 100
86 13.5 7.8 11.8

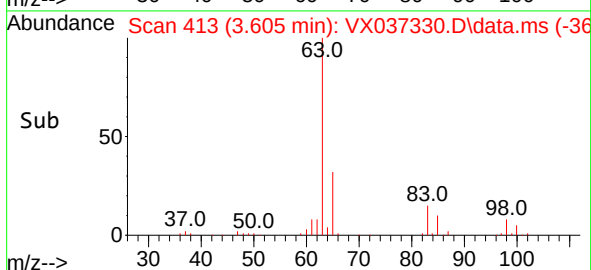
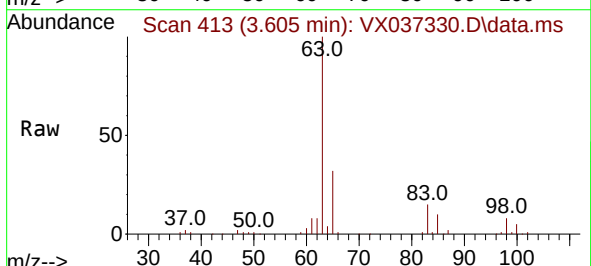
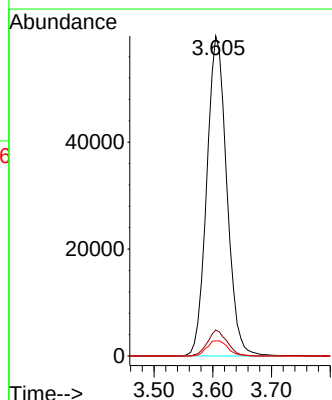
Manual Integrations
APPROVED

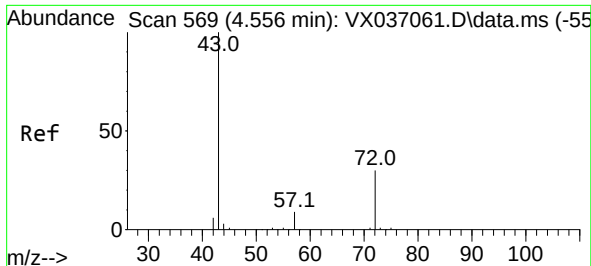
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#24
1,1-Dichloroethane
Concen: 54.251 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

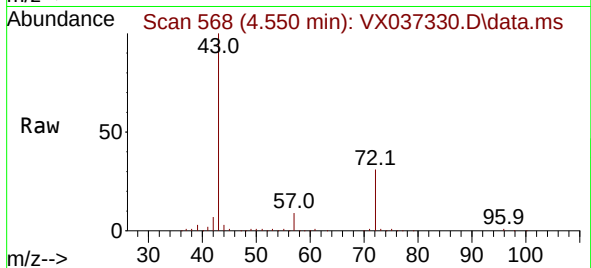
Tgt Ion: 63 Resp: 141675
Ion Ratio Lower Upper
63 100
98 8.1 3.3 9.8
100 4.7 2.1 6.5





#25
2-Butanone
Concen: 272.592 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

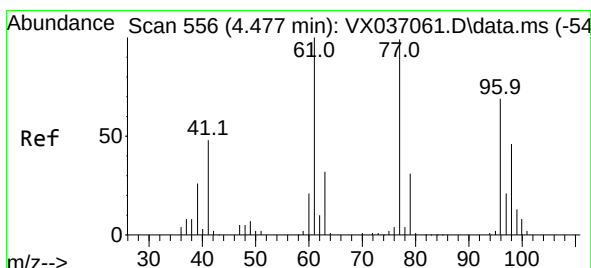
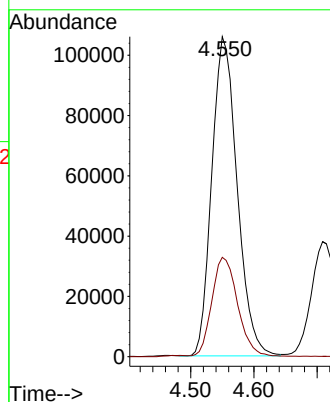
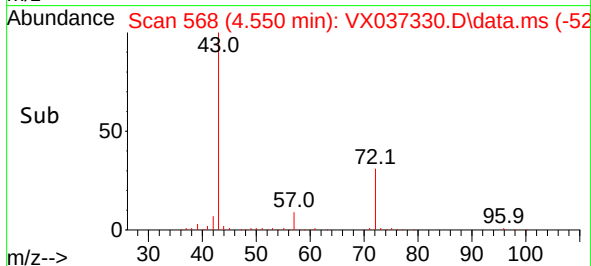
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 294849
Ion Ratio Lower Upper
43 100
72 30.9 19.4 29.2

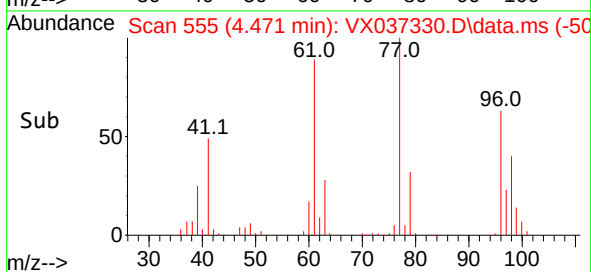
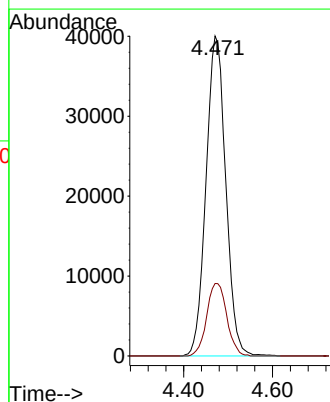
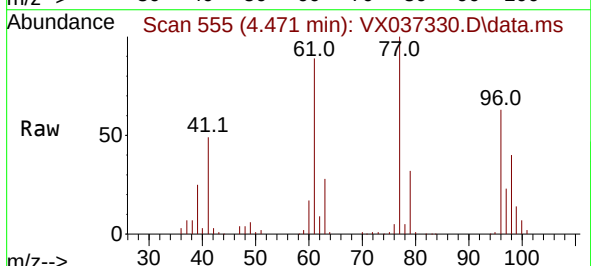
Manual Integrations
APPROVED

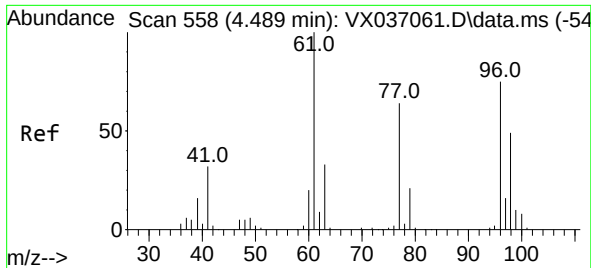
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#26
2,2-Dichloropropane
Concen: 53.026 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion: 77 Resp: 123669
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 54.994 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9663

Ion Ratio Lower Upper

96 100

61 132.9 0.0 312.2

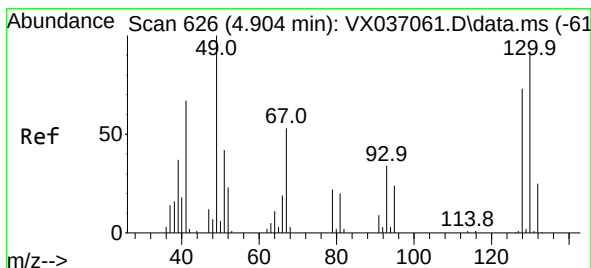
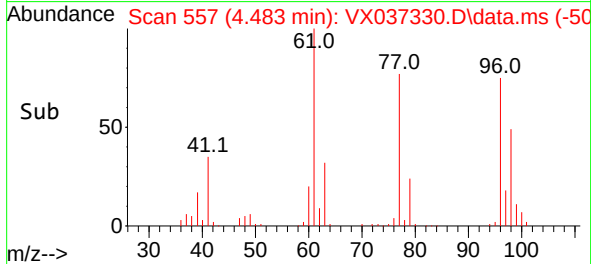
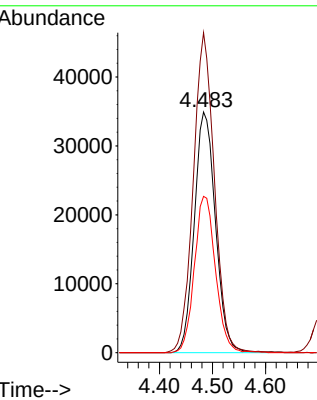
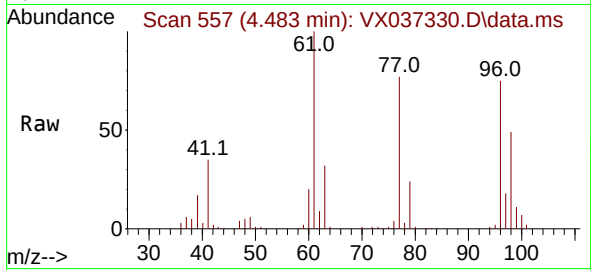
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#28

Bromochloromethane

Concen: 54.024 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

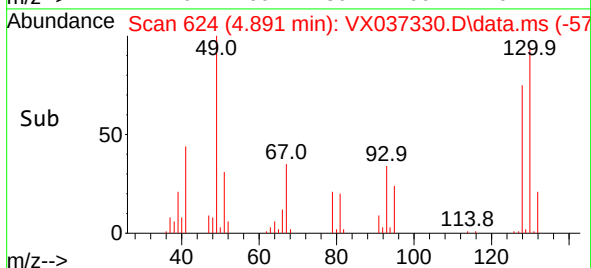
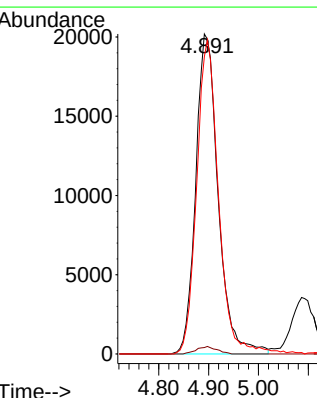
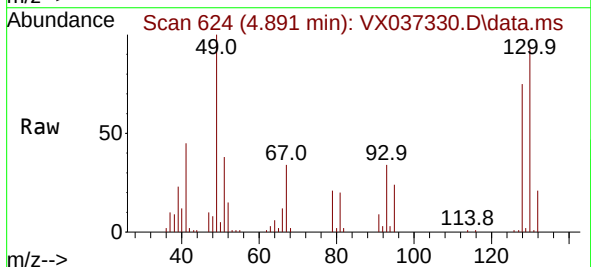
Tgt Ion: 49 Resp: 63024

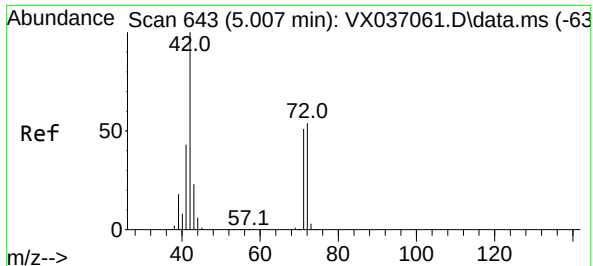
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 95.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 265.372 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18305

Ion Ratio Lower Upper

42 100

72 54.9 34.2 51.4

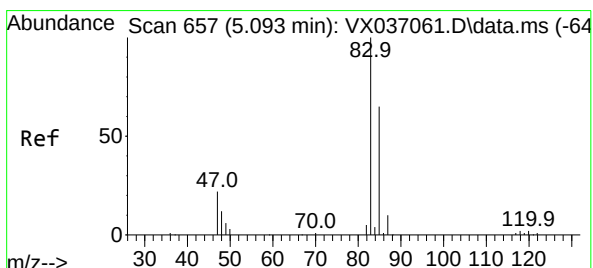
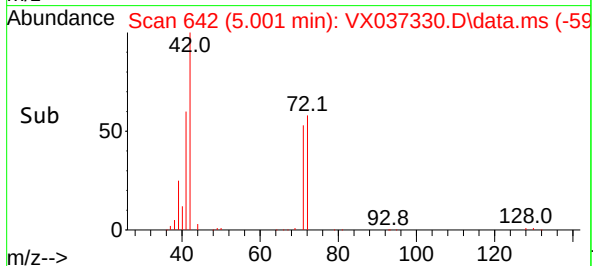
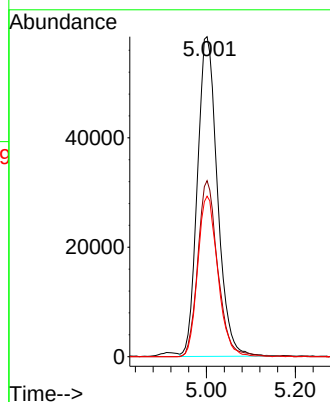
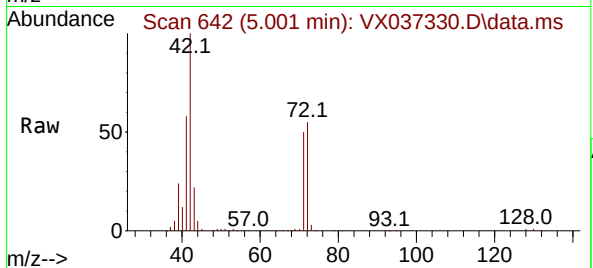
71 50.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#30

Chloroform

Concen: 54.041 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX037330.D

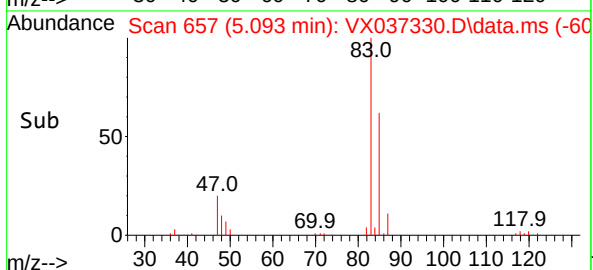
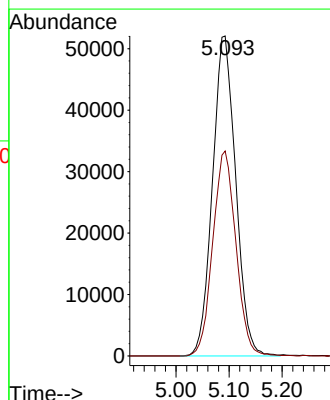
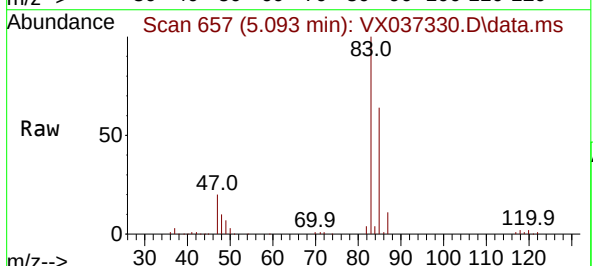
Acq: 29 Aug 2023 10:14

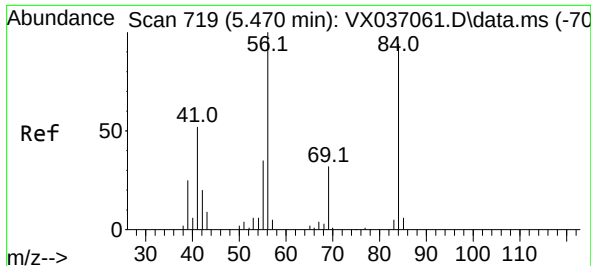
Tgt Ion: 83 Resp: 158423

Ion Ratio Lower Upper

83 100

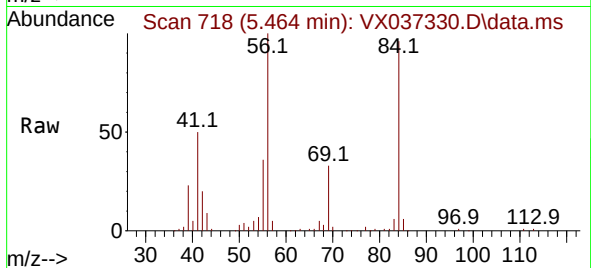
85 64.1 50.3 75.5





#31
Cyclohexane
Concen: 54.496 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

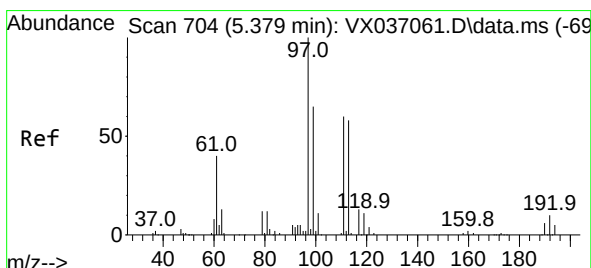
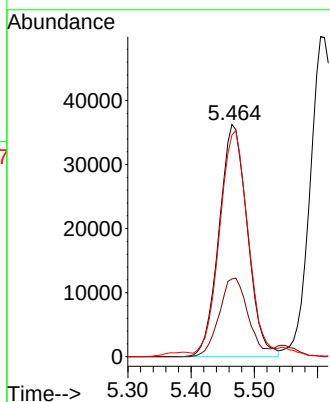
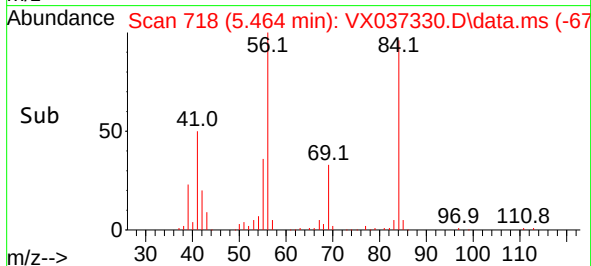
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 112518
Ion Ratio Lower Upper
56 100
69 33.5 23.4 35.2
84 93.8 65.9 98.9

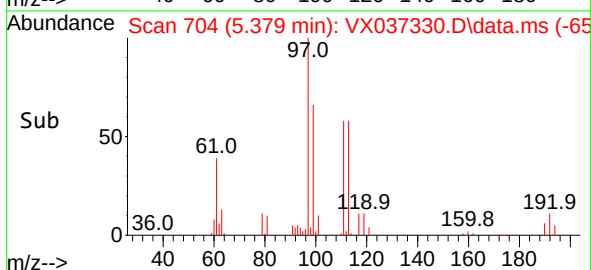
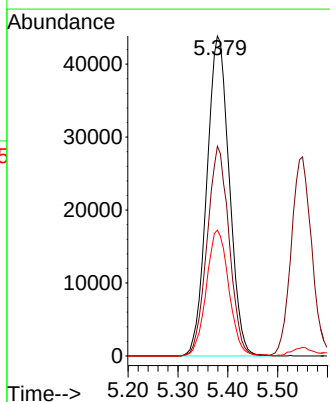
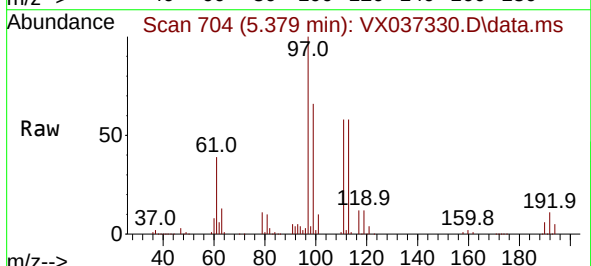
Manual Integrations
APPROVED

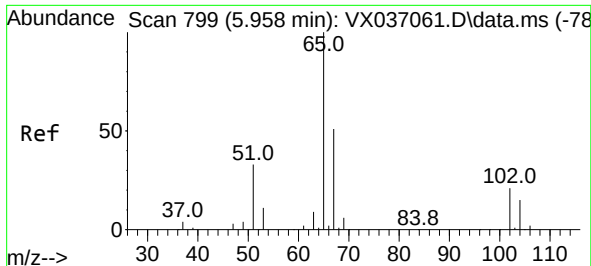
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#32
1,1,1-Trichloroethane
Concen: 52.186 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion: 97 Resp: 137092
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 39.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.910 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8981

Ion Ratio Lower Upper

65 100

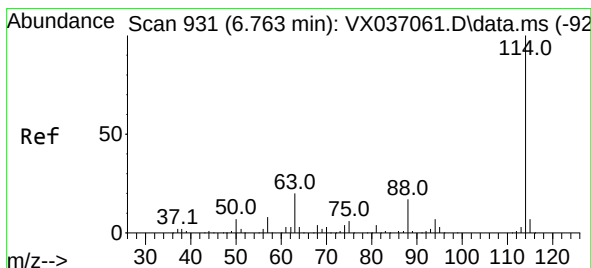
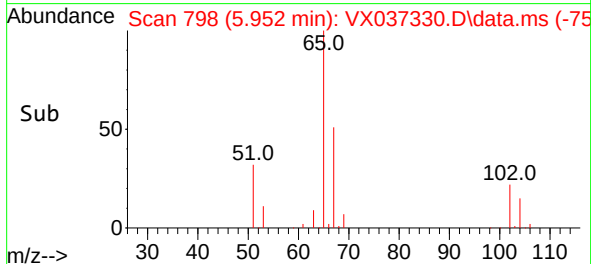
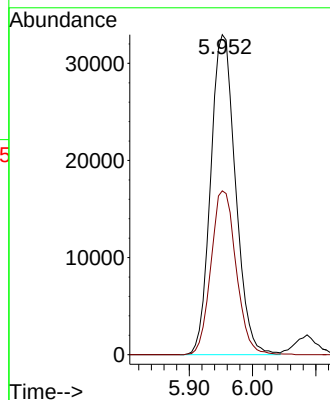
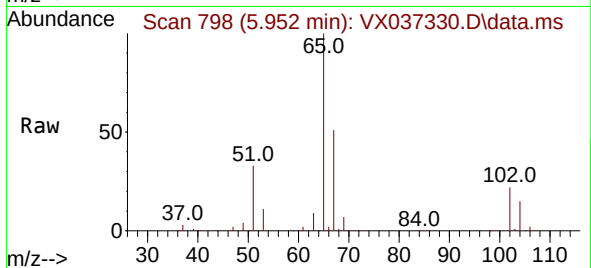
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

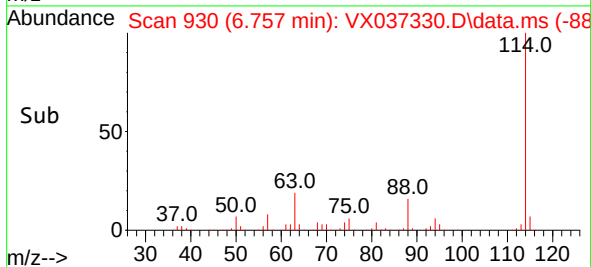
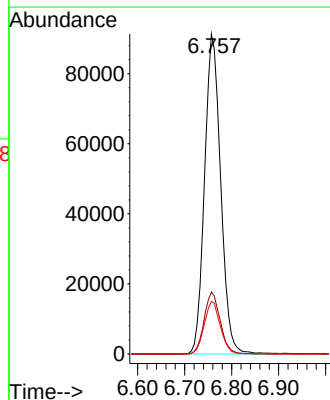
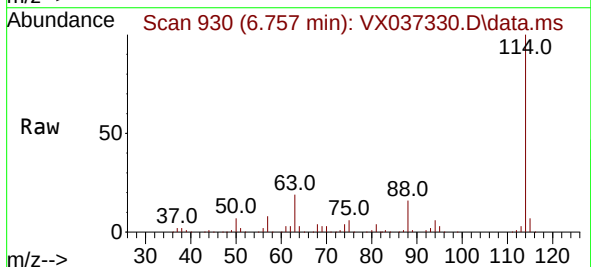
Tgt Ion:114 Resp: 217348

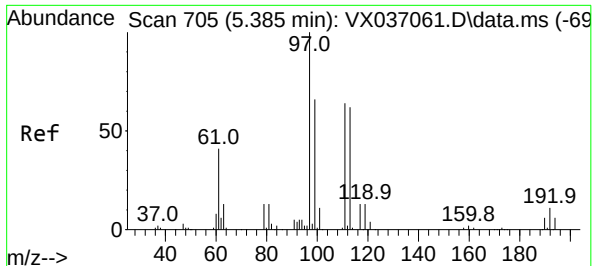
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

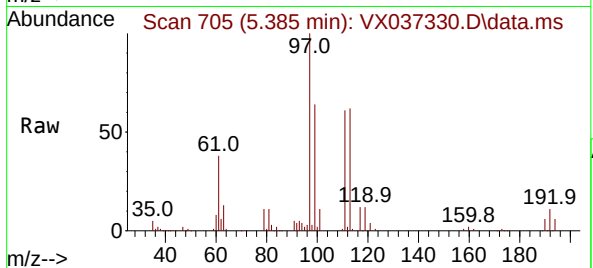
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.053 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

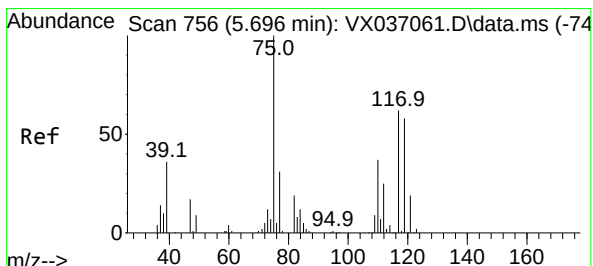
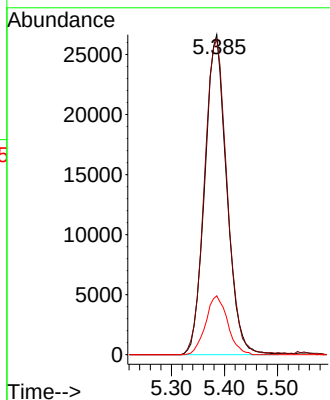
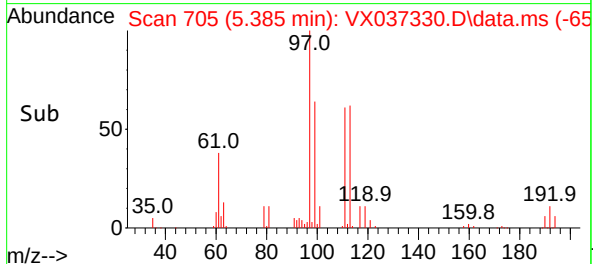
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 7636
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.4 13.3 19.9

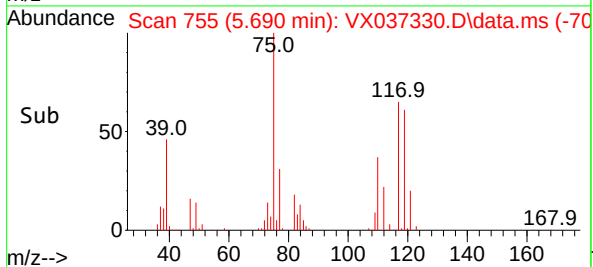
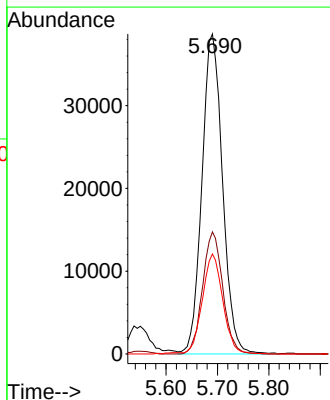
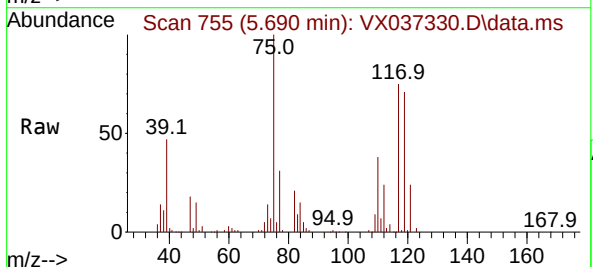
Manual Integrations
APPROVED

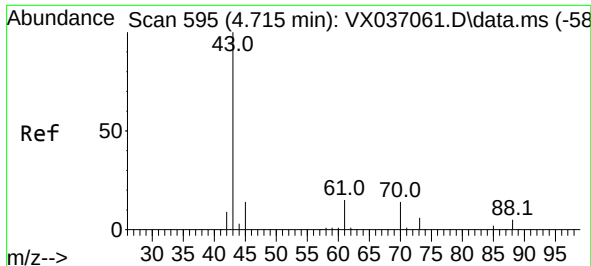
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#36
1,1-Dichloropropene
Concen: 52.745 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

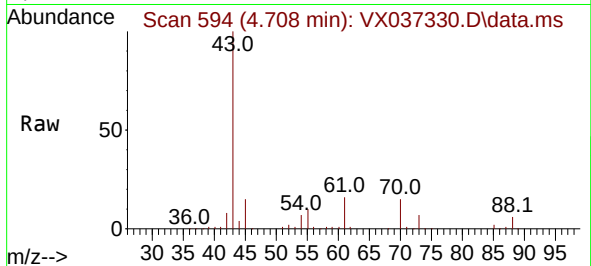
Tgt Ion: 75 Resp: 107867
Ion Ratio Lower Upper
75 100
110 37.4 17.0 50.9
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 52.686 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

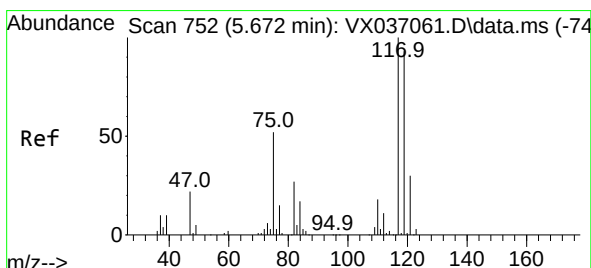
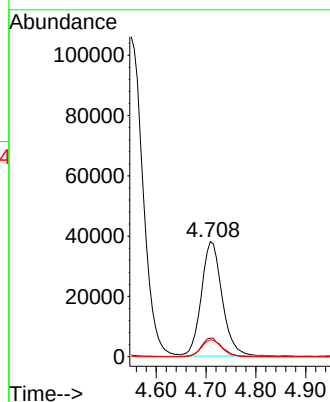
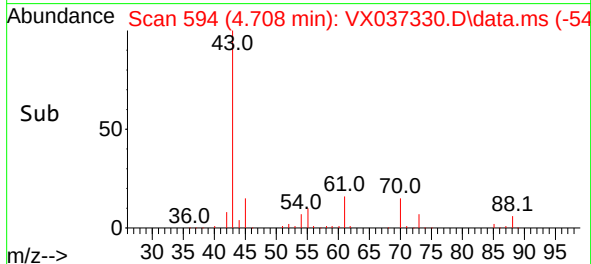
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 110062
Ion Ratio Lower Upper
43 100
61 16.2 10.6 16.0
70 14.5 8.3 12.5

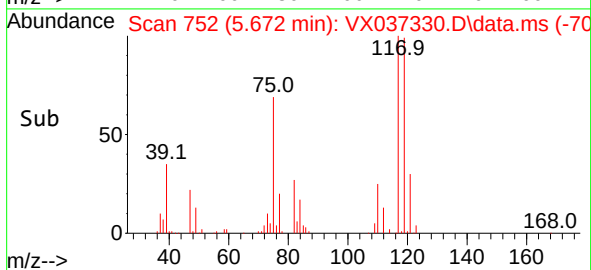
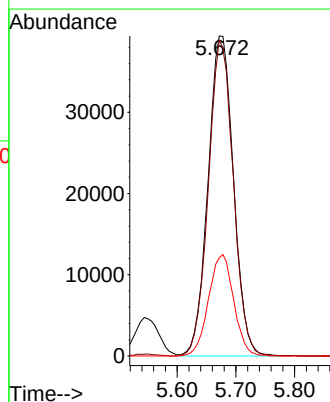
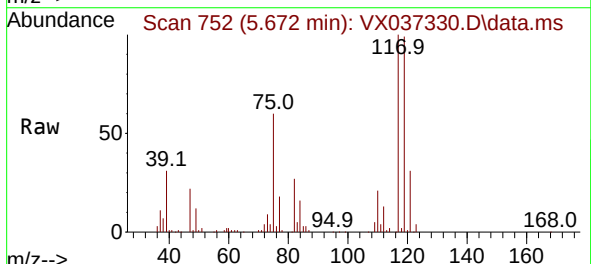
Manual Integrations
APPROVED

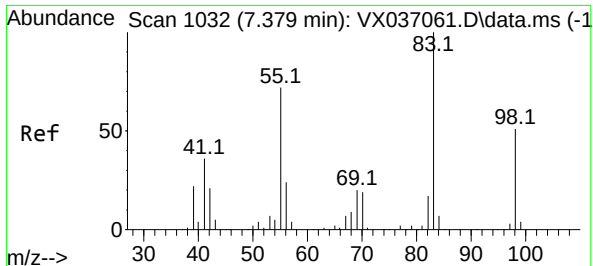
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#38
Carbon Tetrachloride
Concen: 53.446 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion:117 Resp: 118730
Ion Ratio Lower Upper
117 100
119 98.6 78.2 117.2
121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 63.528 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 136499

Ion Ratio Lower Upper

83 100

55 70.7 64.6 97.0

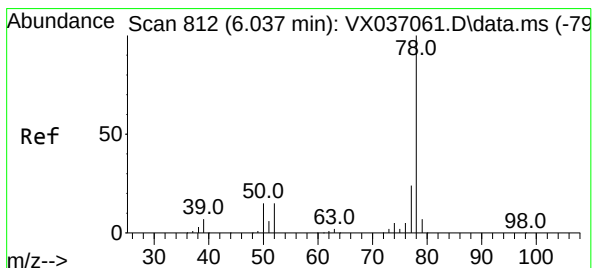
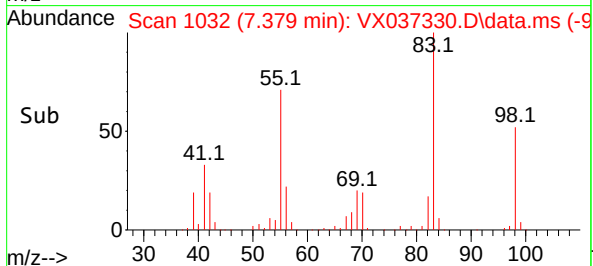
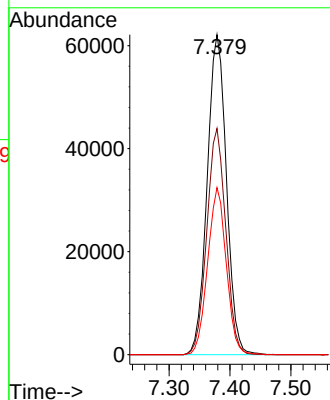
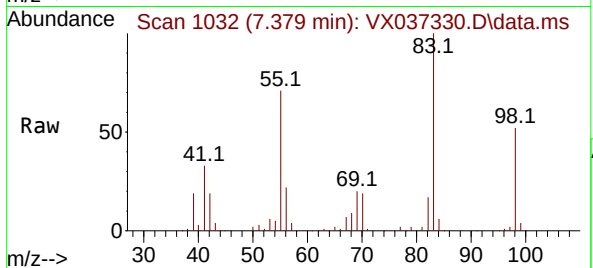
98 52.2 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#40

Benzene

Concen: 56.600 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037330.D

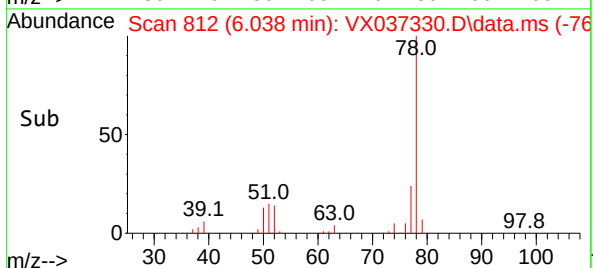
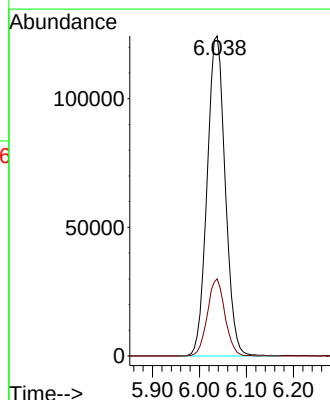
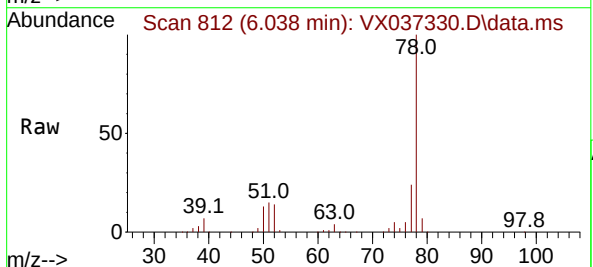
Acq: 29 Aug 2023 10:14

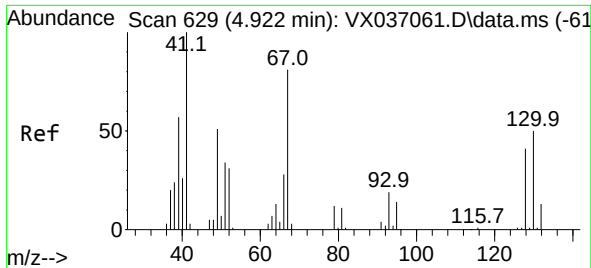
Tgt Ion: 78 Resp: 331970

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9





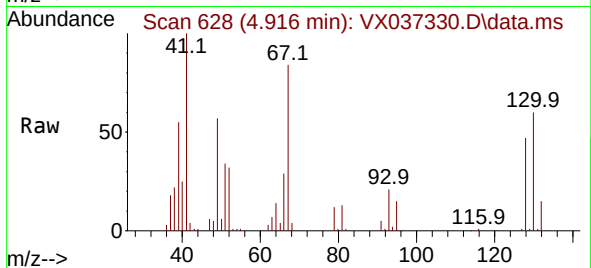
#41
Methacrylonitrile
Concen: 53.633 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



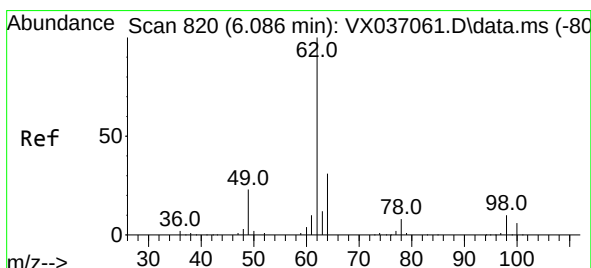
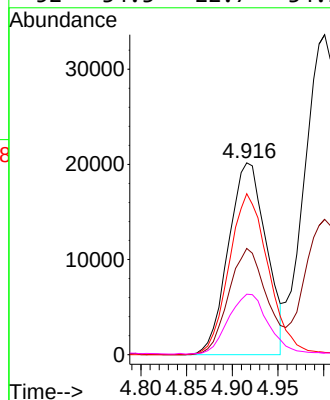
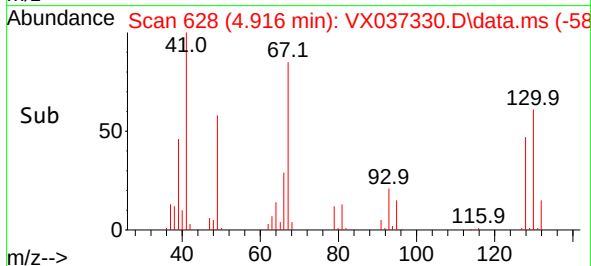
Tgt Ion: 41 Resp: 5824
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 87.8 52.6 78.8
52 34.3 22.7 34.1#

Manual Integrations

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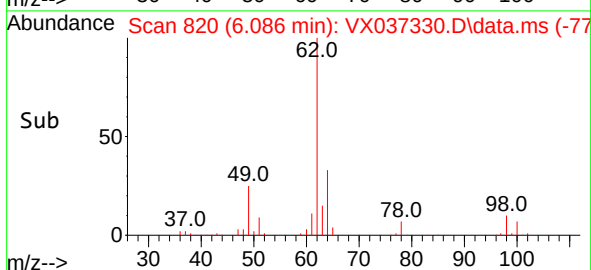
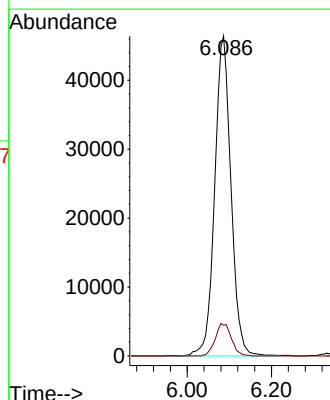
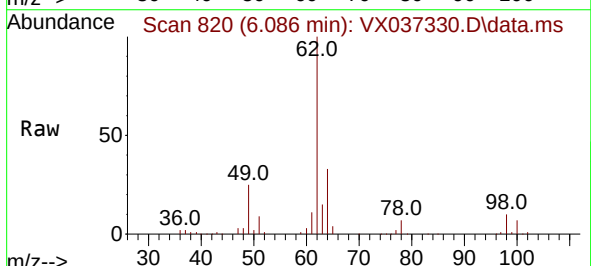
Reviewed By :John Carlone 08/30/2023

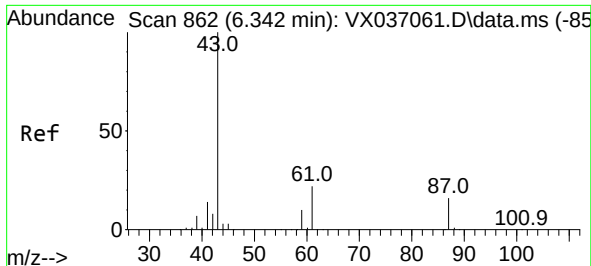
Supervised By :Mahesh Dadoda 08/31/2023



#42
1,2-Dichloroethane
Concen: 53.899 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion: 62 Resp: 123972
Ion Ratio Lower Upper
62 100
98 10.0 0.0 16.0





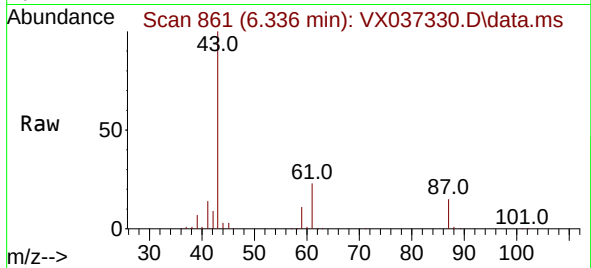
#43
Isopropyl Acetate
Concen: 54.574 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



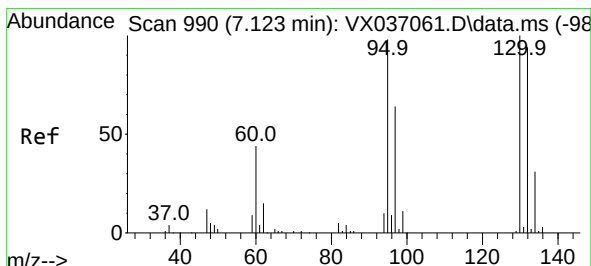
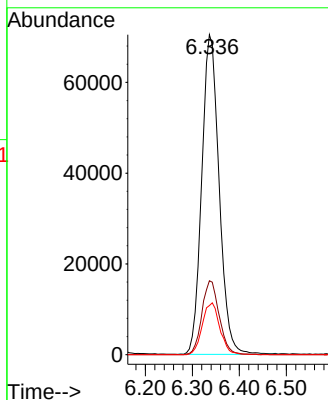
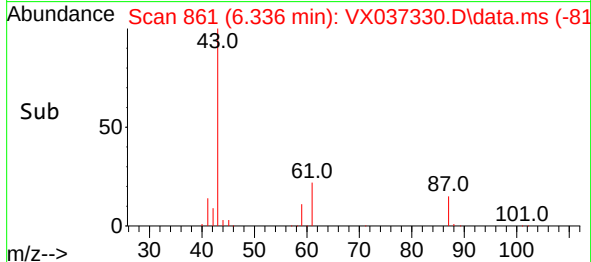
Tgt Ion: 43 Resp: 181000
Ion Ratio Lower Upper
43 100
61 23.0 15.2 22.8
87 16.4 9.8 14.6

Manual Integrations

APPROVED

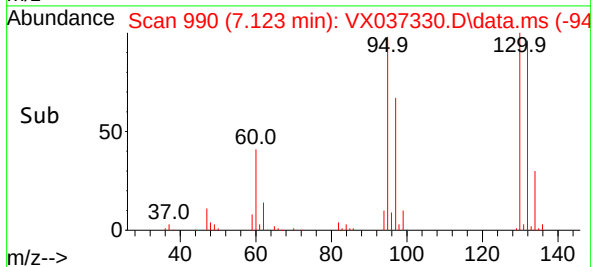
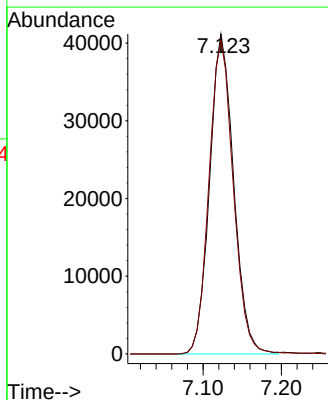
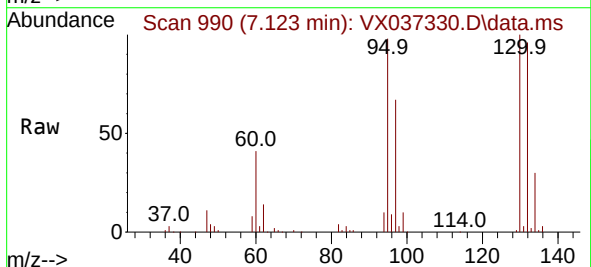
Reviewed By :John Carlone 08/30/2023

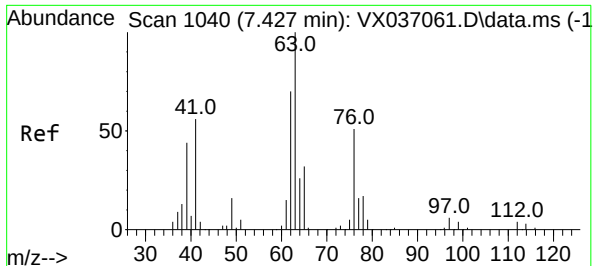
Supervised By :Mahesh Dadoda 08/31/2023



#44
Trichloroethene
Concen: 52.858 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion:130 Resp: 87909
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 57.318 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8289

Ion Ratio Lower Upper

63 100

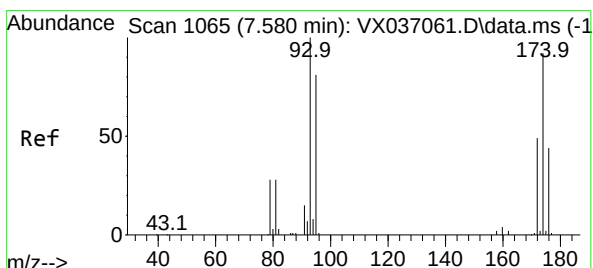
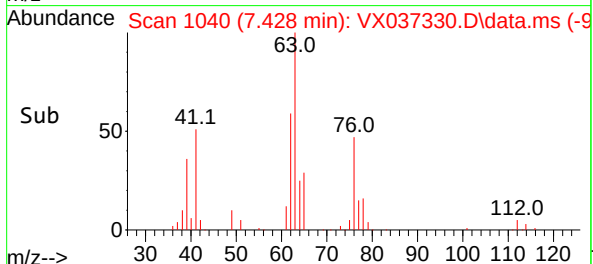
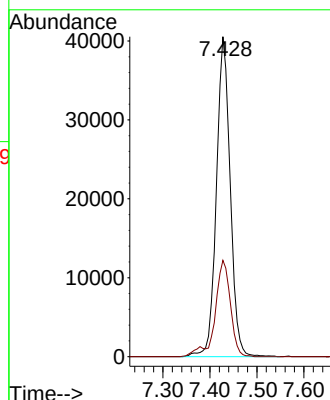
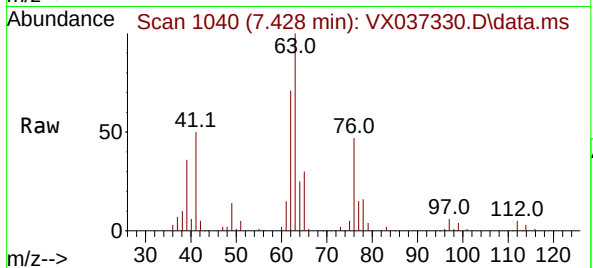
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#46

Dibromomethane

Concen: 56.511 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

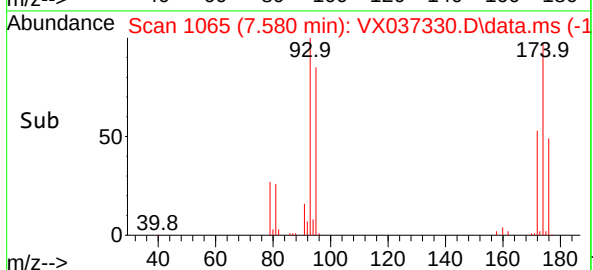
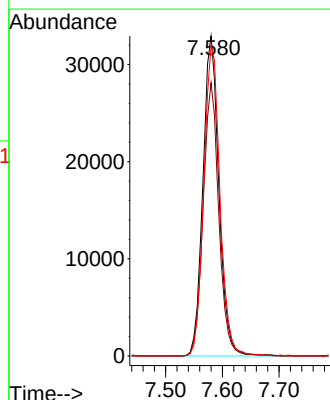
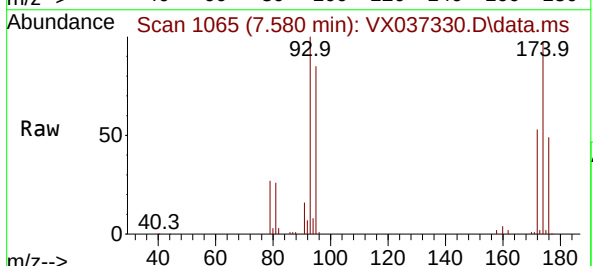
Tgt Ion: 93 Resp: 64382

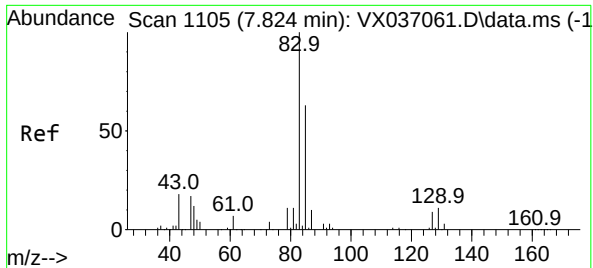
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 98.5 69.4 104.0





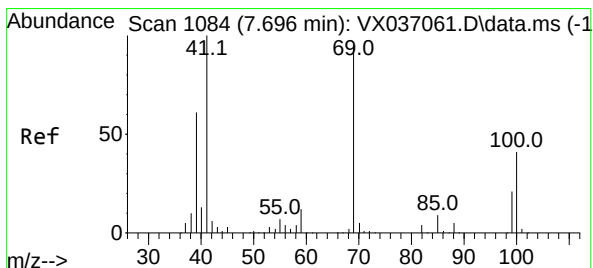
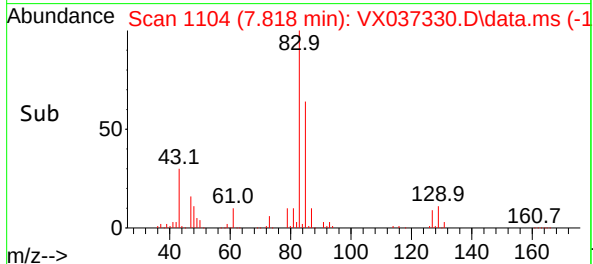
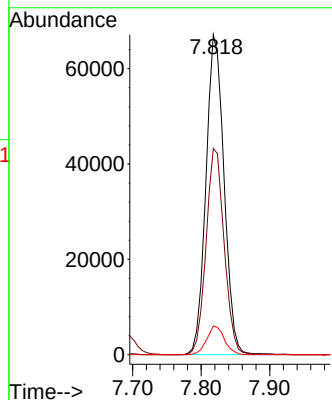
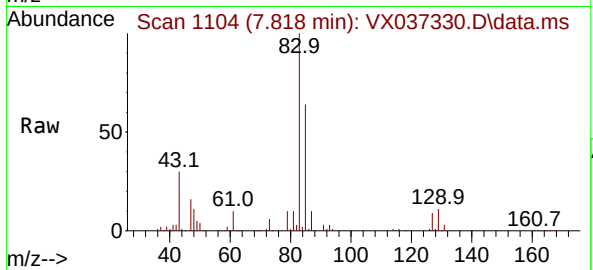
#47
Bromodichloromethane
Concen: 56.521 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12333
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.0 7.1 10.7

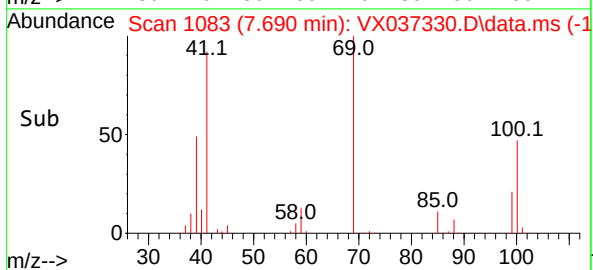
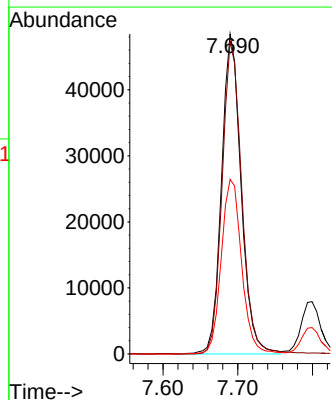
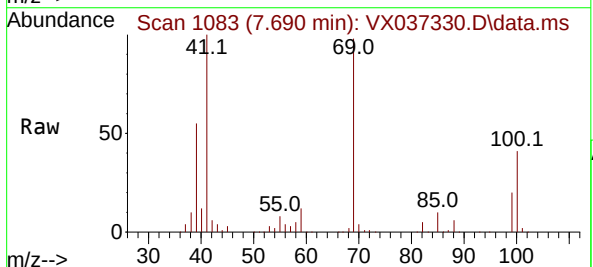
Manual Integrations
APPROVED

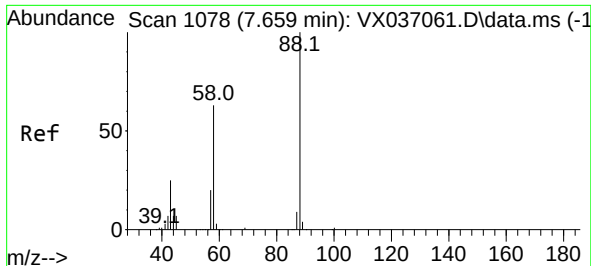
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#48
Methyl methacrylate
Concen: 54.596 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion: 41 Resp: 88306
Ion Ratio Lower Upper
41 100
69 98.4 59.2 88.8#
39 56.9 47.7 71.5





#49

1,4-Dioxane

Concen: 1167.733 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5086

Ion Ratio Lower Upper

88 100

43 27.1 0.0 0.0

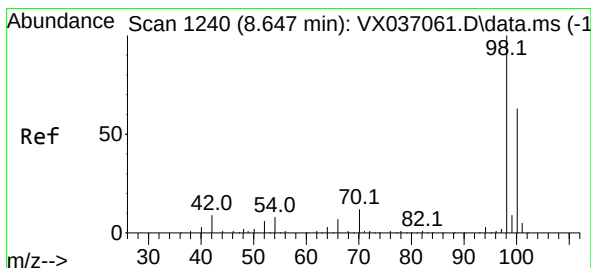
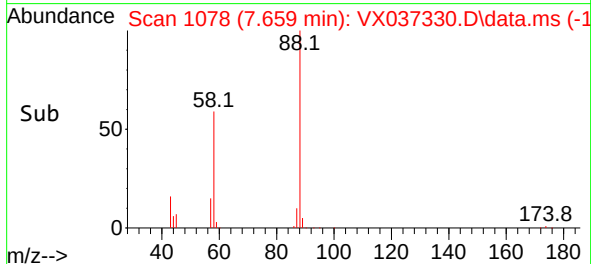
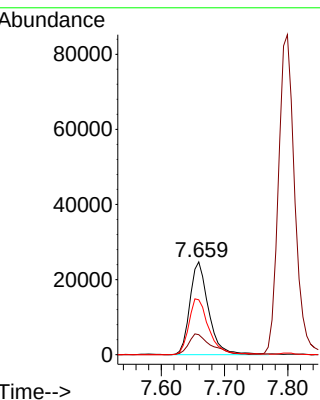
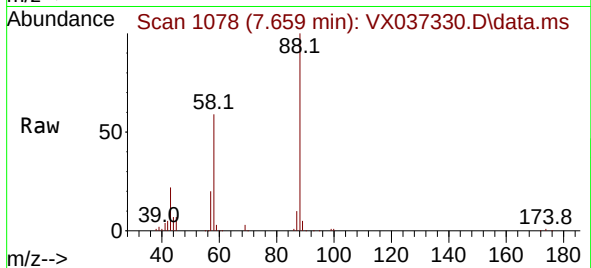
58 64.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#50

Toluene-d8

Concen: 51.140 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037330.D

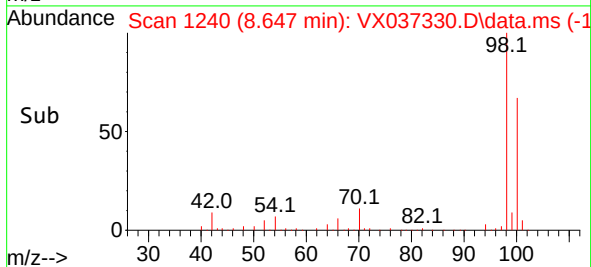
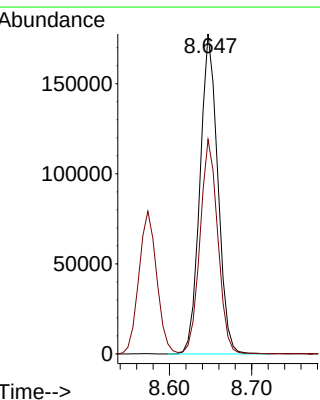
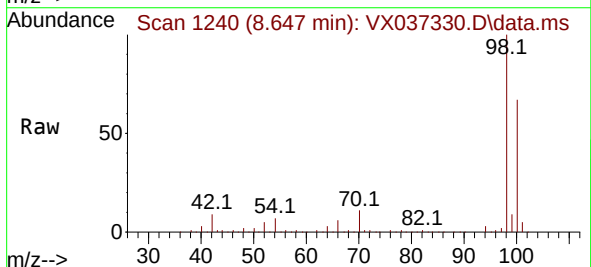
Acq: 29 Aug 2023 10:14

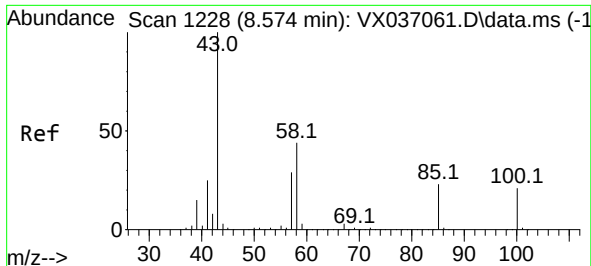
Tgt Ion: 98 Resp: 267022

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 278.501 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

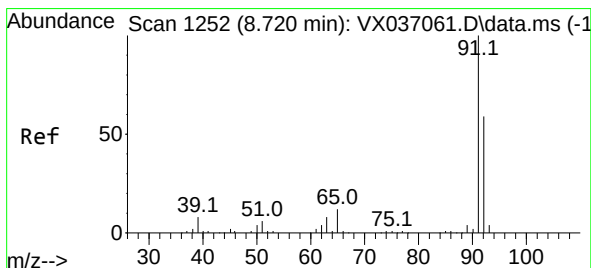
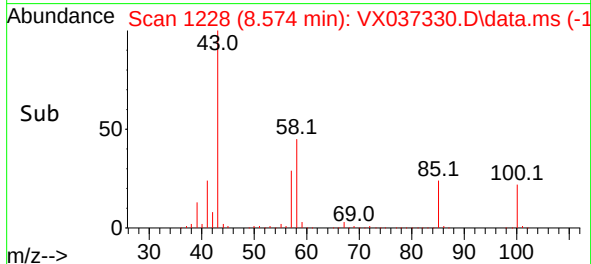
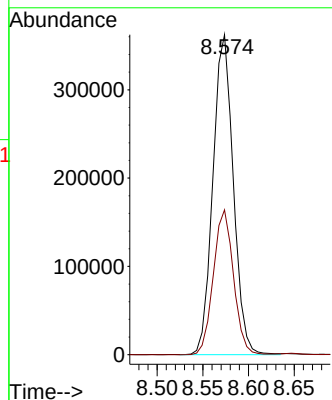
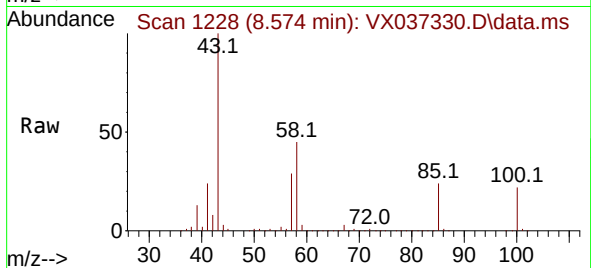
VSTDCCC050

Tgt Ion: 43 Resp: 560884
Ion Ratio Lower Upper
43 100
58 44.8 30.4 45.6

Manual Integrations

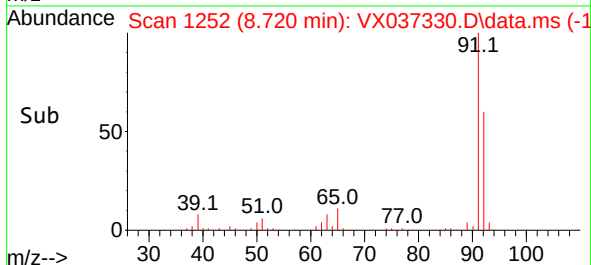
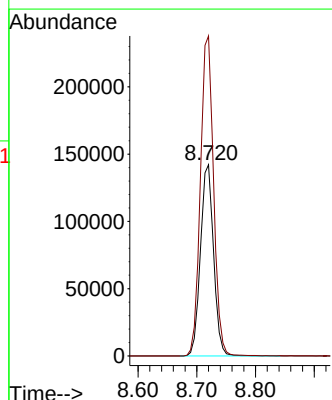
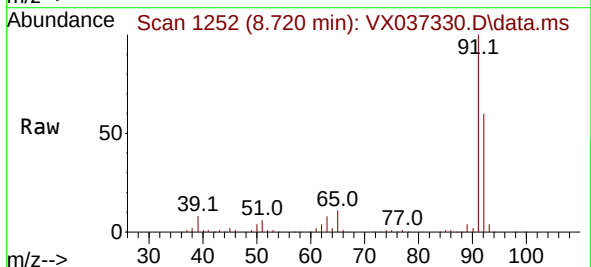
APPROVED

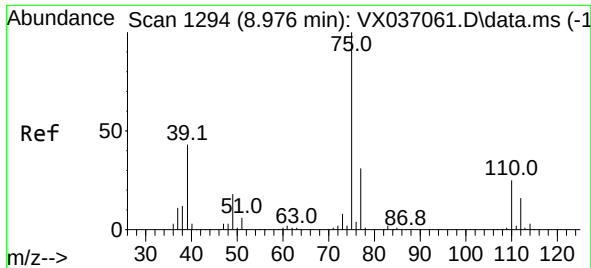
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#52
Toluene
Concen: 56.670 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

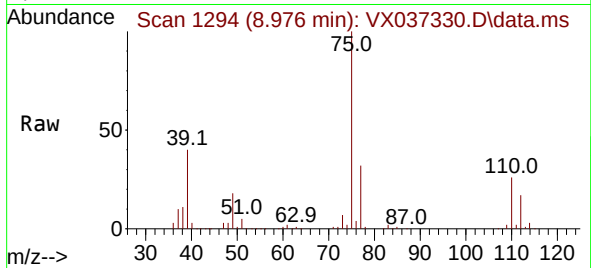
Tgt Ion: 92 Resp: 219611
Ion Ratio Lower Upper
92 100
91 168.3 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 57.830 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX037330.D
 Acq: 29 Aug 2023 10:14

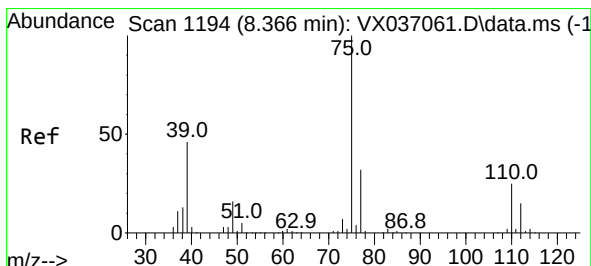
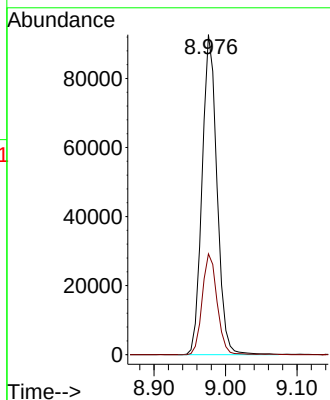
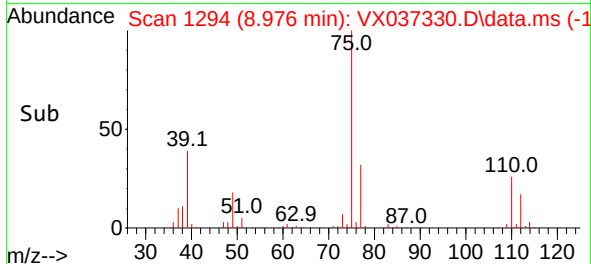
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 13436
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5

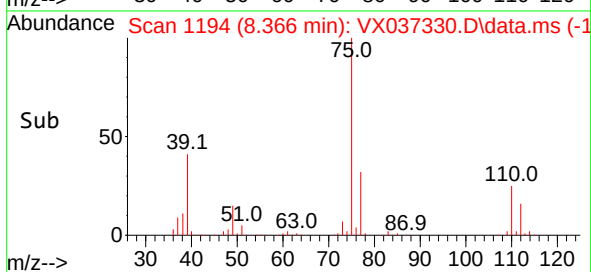
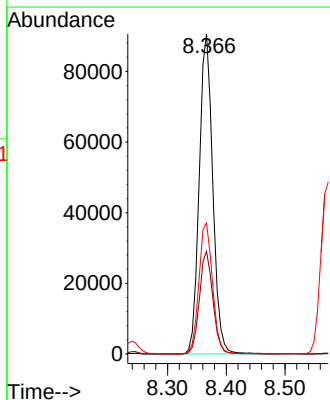
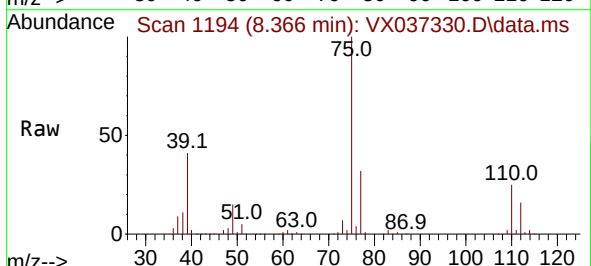
Manual Integrations
 APPROVED

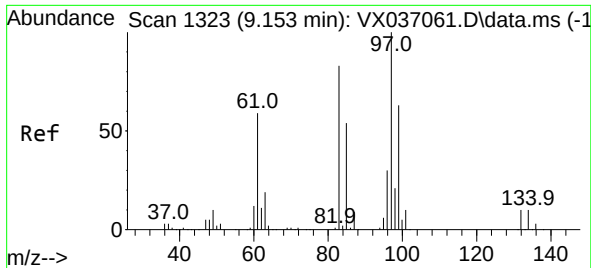
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 57.845 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037330.D
 Acq: 29 Aug 2023 10:14

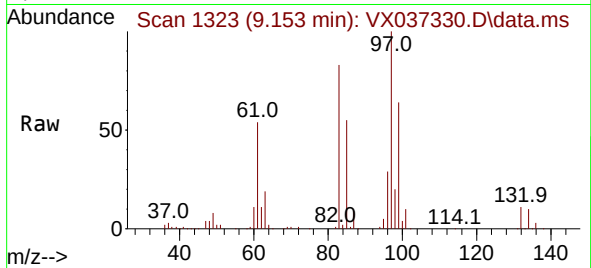
Tgt Ion: 75 Resp: 145240
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 41.0 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 58.500 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

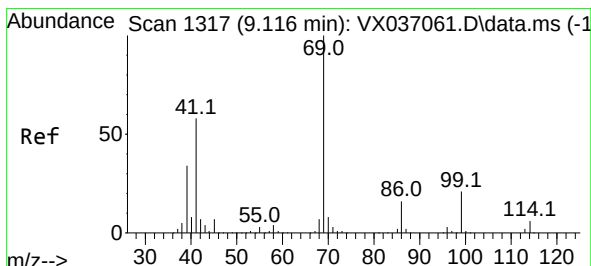
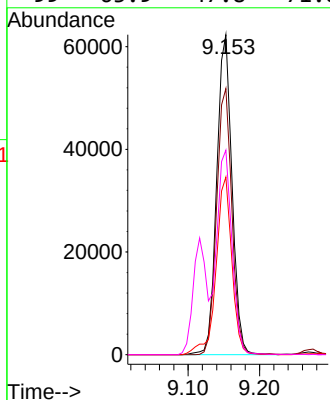
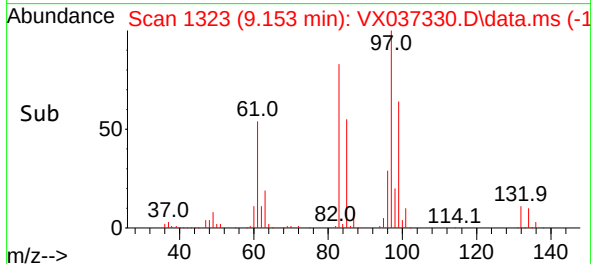
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



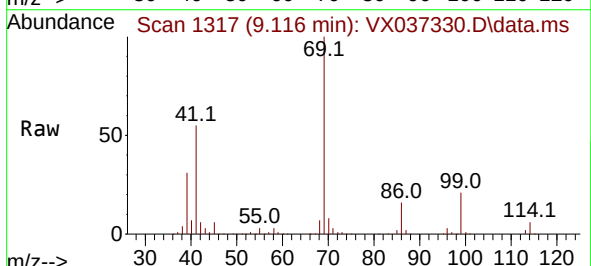
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.8	98.8
85	55.5	41.6	62.4
99	63.9	47.8	71.8

Manual Integrations
APPROVED

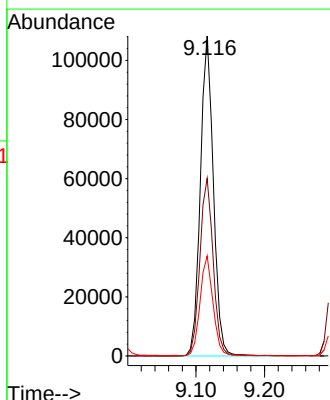
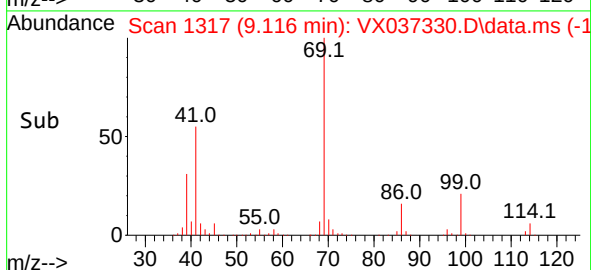
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

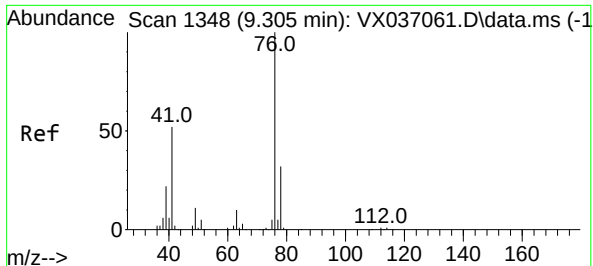


#56
Ethyl methacrylate
Concen: 58.051 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.8	56.8	85.2#
39	30.9	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 57.981 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 154230

Ion Ratio Lower Upper

76 100

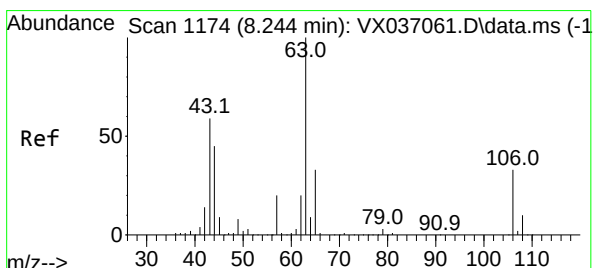
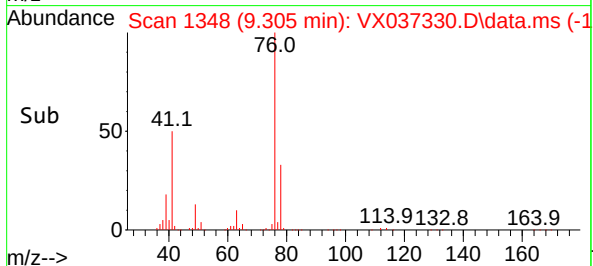
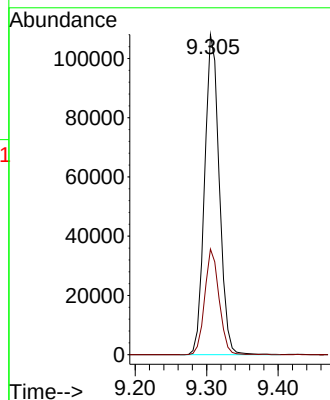
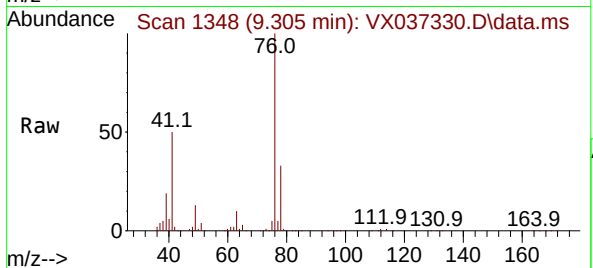
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 279.827 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037330.D

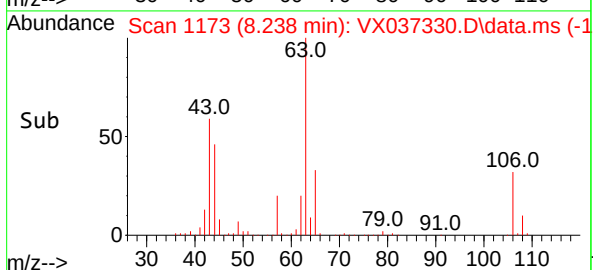
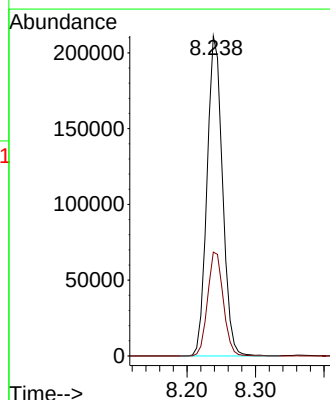
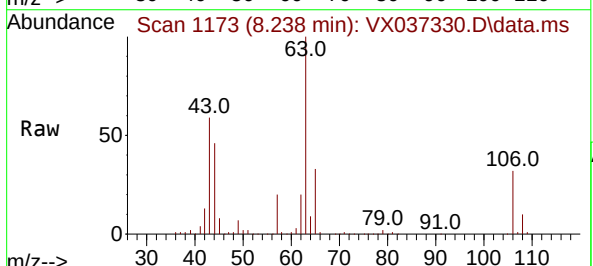
Acq: 29 Aug 2023 10:14

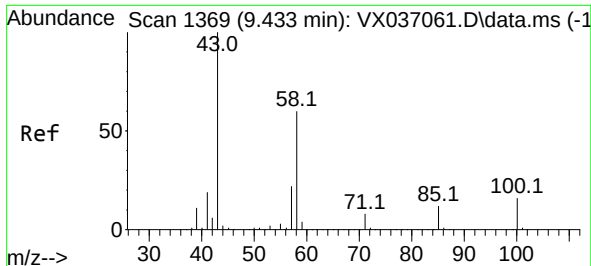
Tgt Ion: 63 Resp: 331919

Ion Ratio Lower Upper

63 100

106 32.8 22.5 33.7





#59

2-Hexanone

Concen: 287.539 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 441538

Ion Ratio Lower Upper

43 100

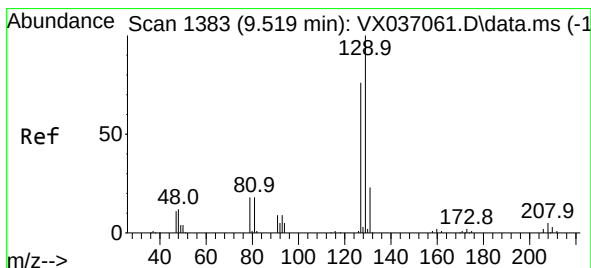
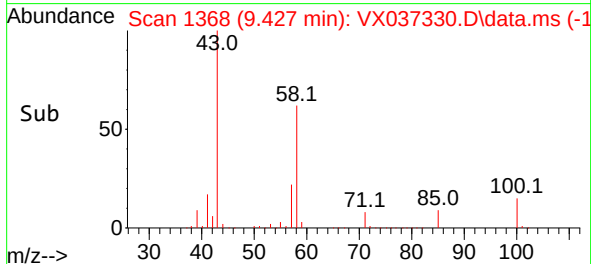
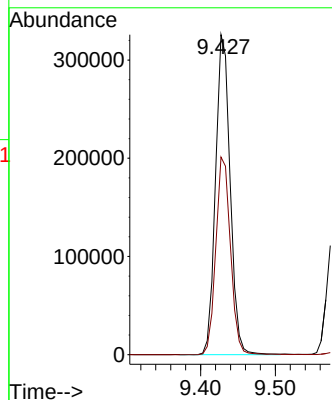
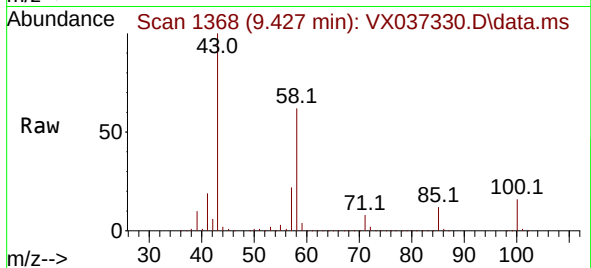
58 62.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#60

Dibromochloromethane

Concen: 60.115 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037330.D

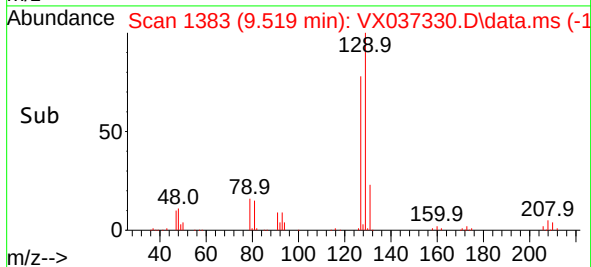
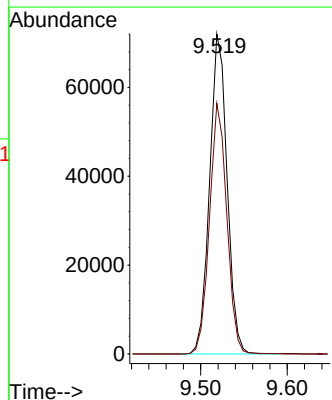
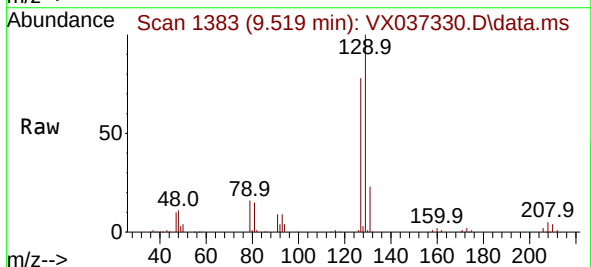
Acq: 29 Aug 2023 10:14

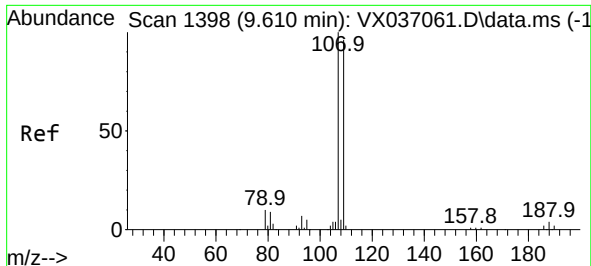
Tgt Ion:129 Resp: 100998

Ion Ratio Lower Upper

129 100

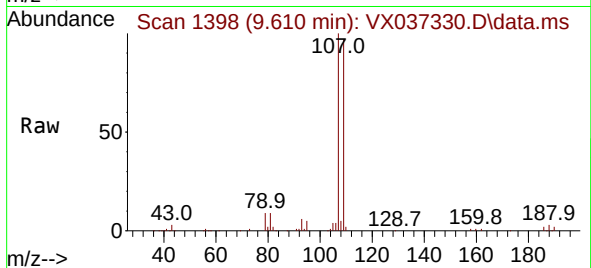
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.011 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

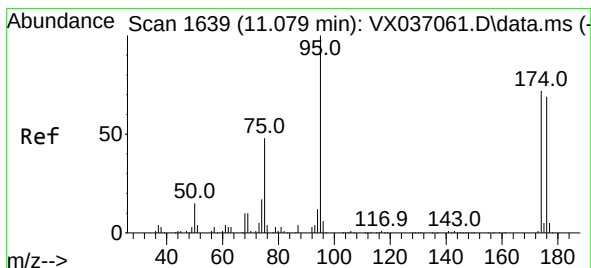
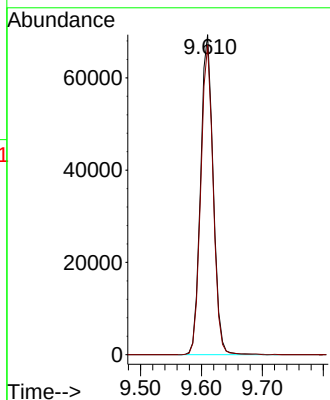
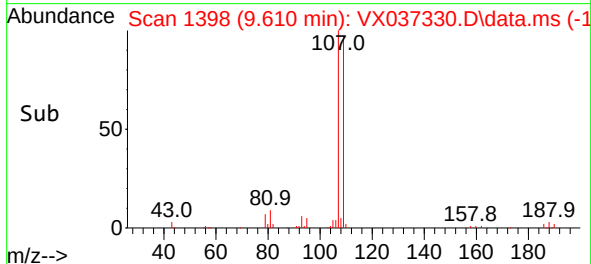
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



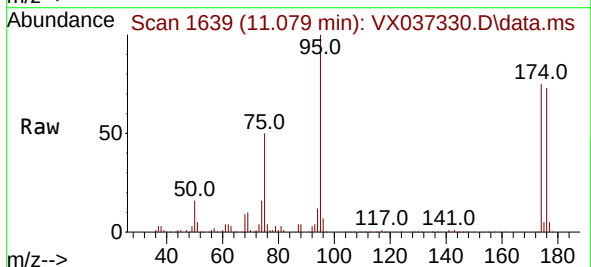
Tgt Ion:107 Resp: 100220
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

Manual Integrations
APPROVED

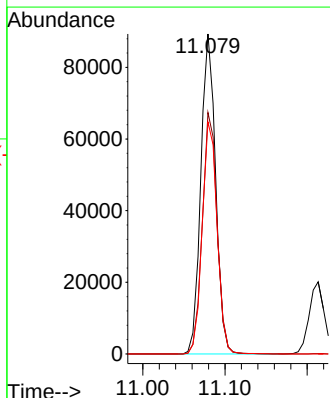
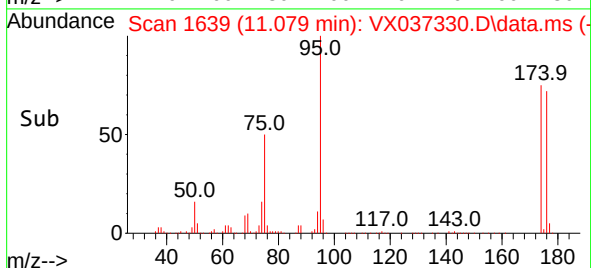
Reviewed By :John Carbone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

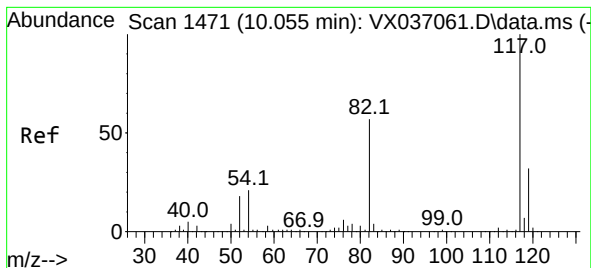


#62
4-Bromofluorobenzene
Concen: 54.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



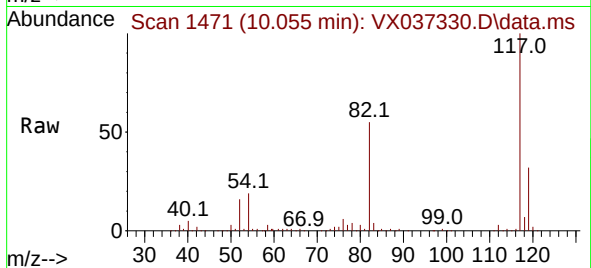
Tgt Ion: 95 Resp: 111376
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 73.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

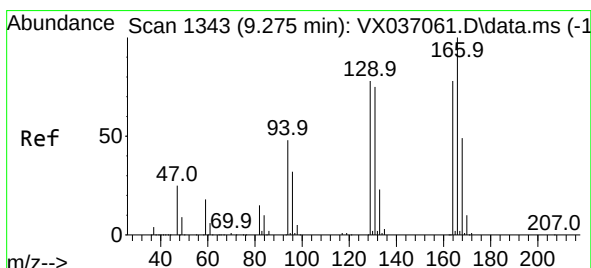
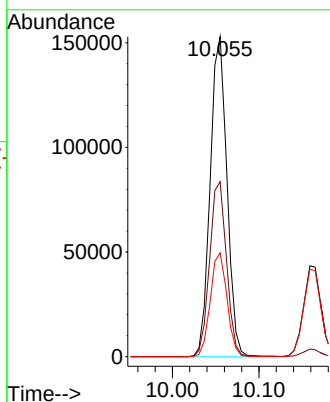
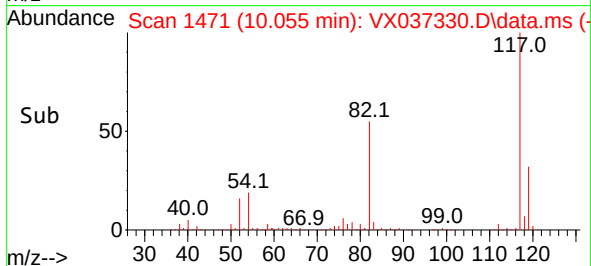
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 205589
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3

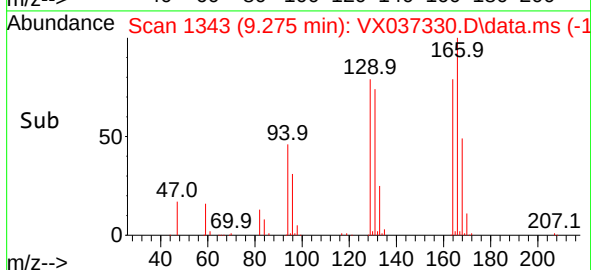
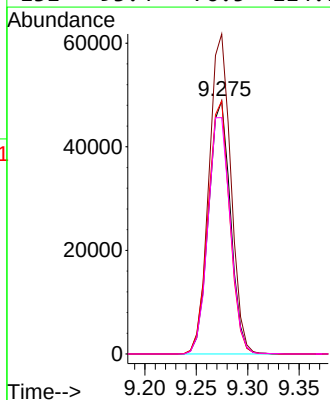
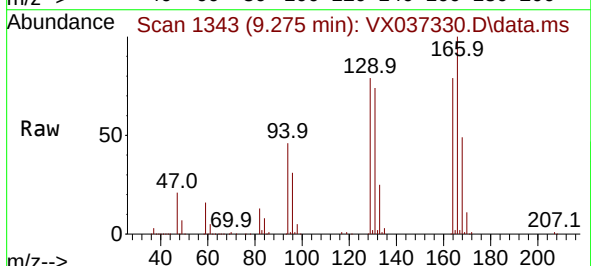
Manual Integrations
APPROVED

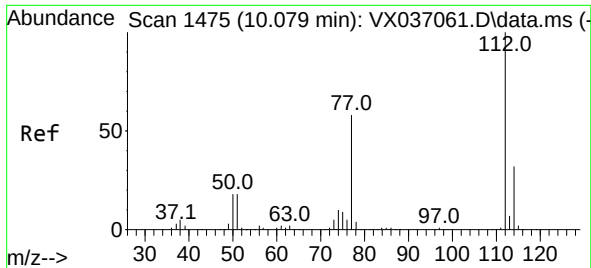
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#64
Tetrachloroethene
Concen: 47.767 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

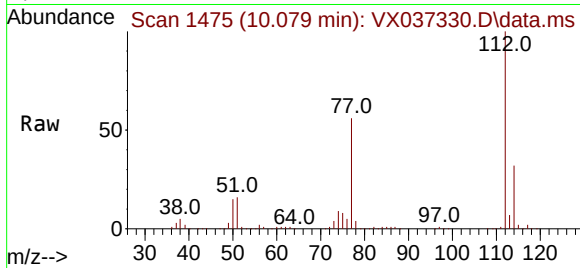
Tgt Ion:164 Resp: 71640
Ion Ratio Lower Upper
164 100
166 126.4 102.7 154.1
129 100.0 80.4 120.6
131 93.4 76.5 114.7





#65
Chlorobenzene
Concen: 54.979 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

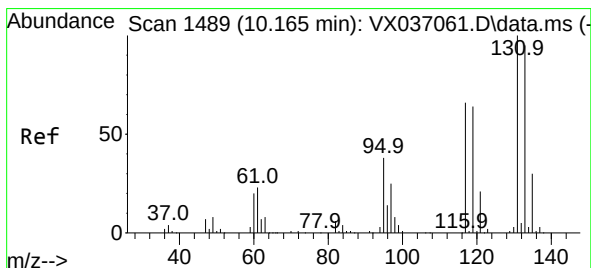
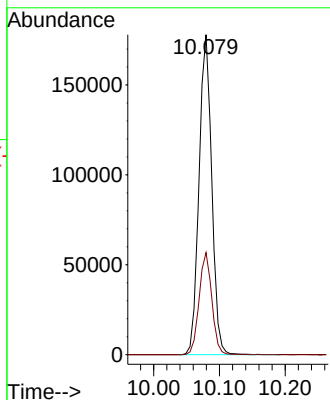
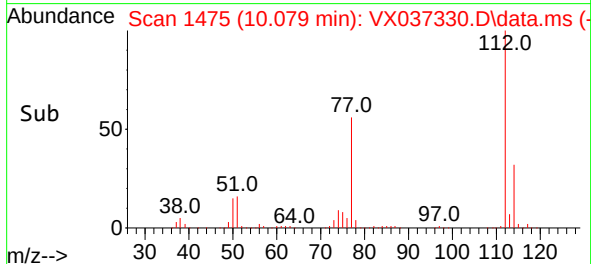
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



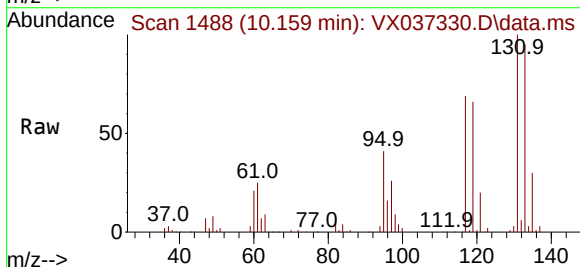
Tgt Ion:112 Resp: 238890
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

Manual Integrations
APPROVED

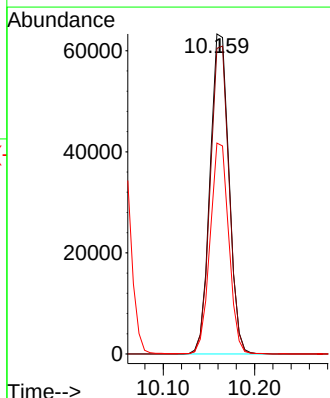
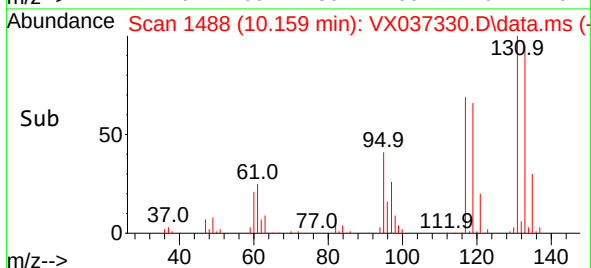
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

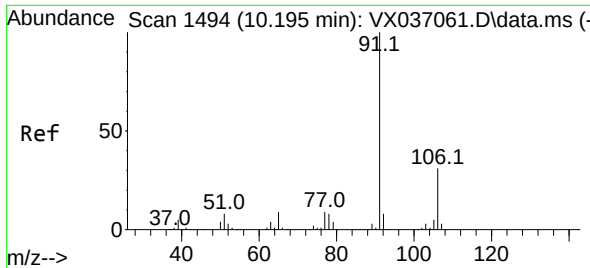


#66
1,1,1,2-Tetrachloroethane
Concen: 56.786 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



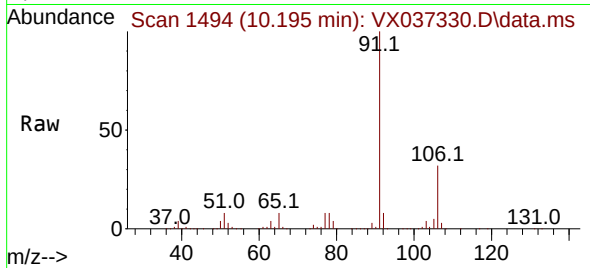
Tgt Ion:131 Resp: 91069
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 64.9 32.2 96.6





#67
Ethyl Benzene
Concen: 54.960 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

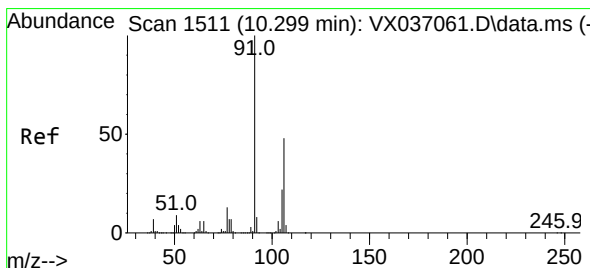
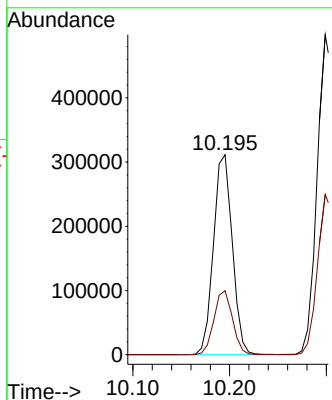
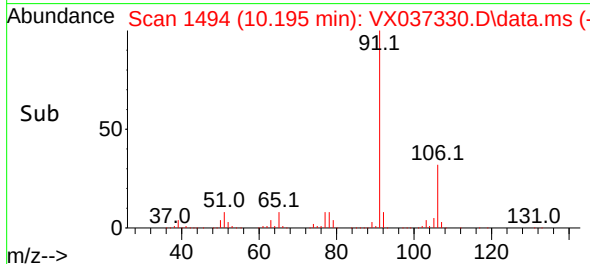
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



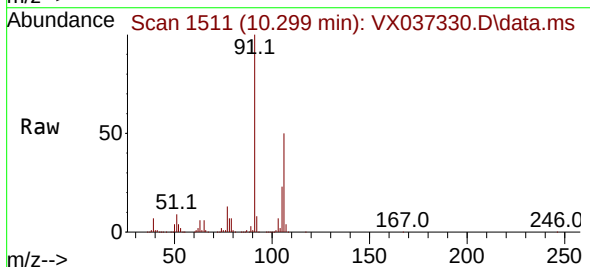
Tgt Ion: 91 Resp: 420210
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

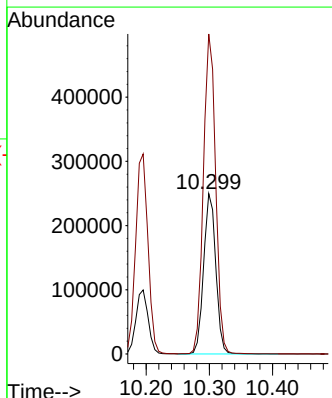
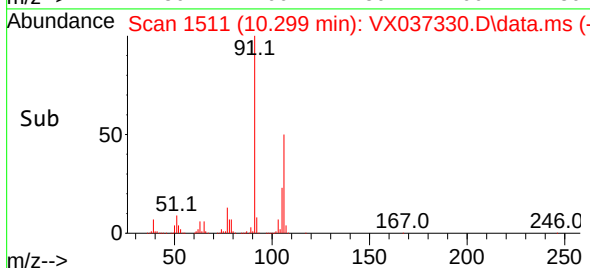
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

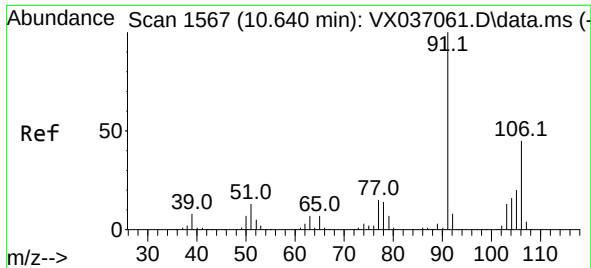


#68
m/p-Xylenes
Concen: 113.092 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



Tgt Ion:106 Resp: 333921
Ion Ratio Lower Upper
106 100
91 201.6 165.5 248.3





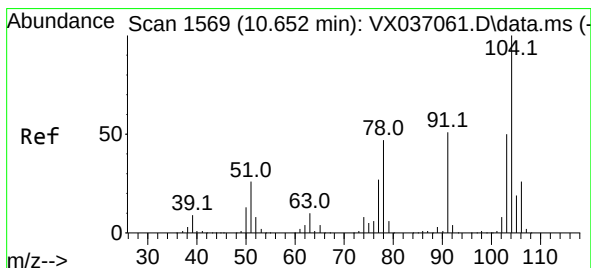
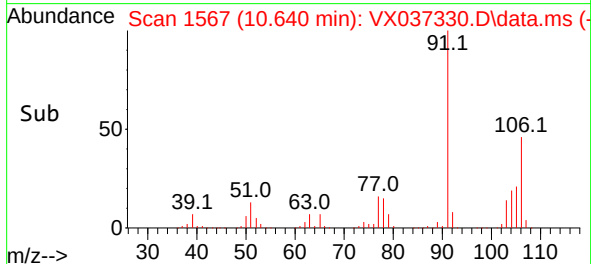
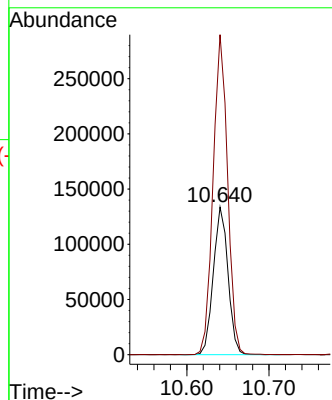
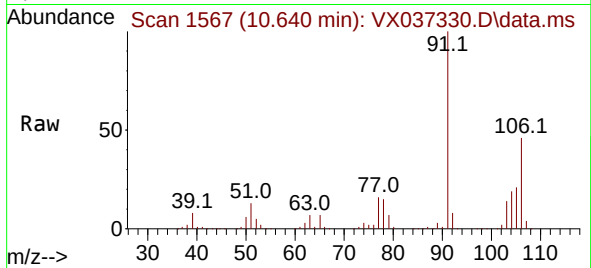
#69
o-Xylene
Concen: 56.904 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 165768
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.8

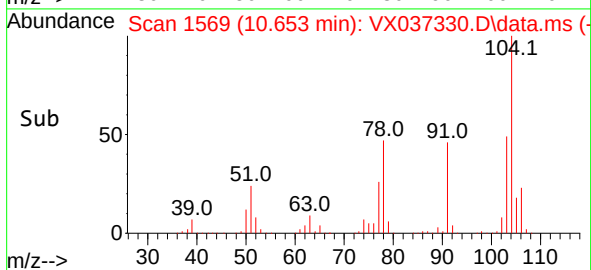
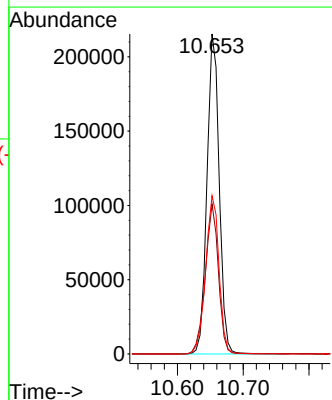
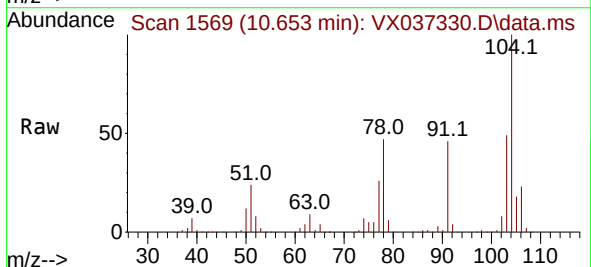
Manual Integrations
APPROVED

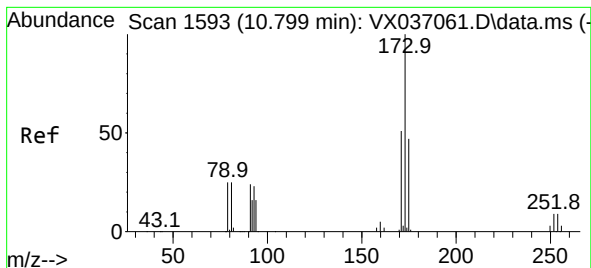
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#70
Styrene
Concen: 58.125 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion:104 Resp: 278920
Ion Ratio Lower Upper
104 100
78 50.4 43.6 65.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 60.828 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

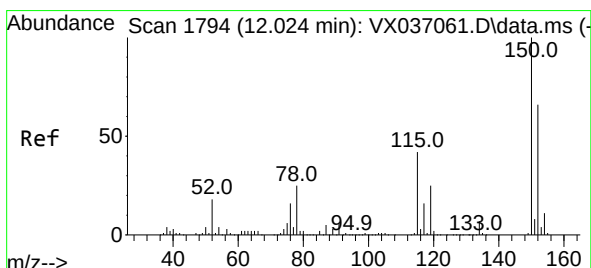
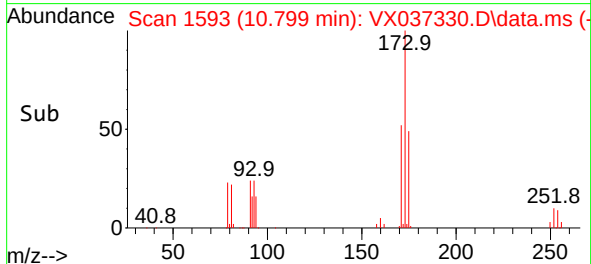
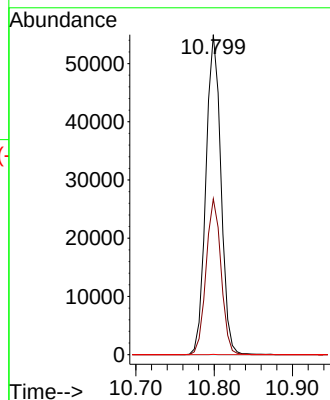
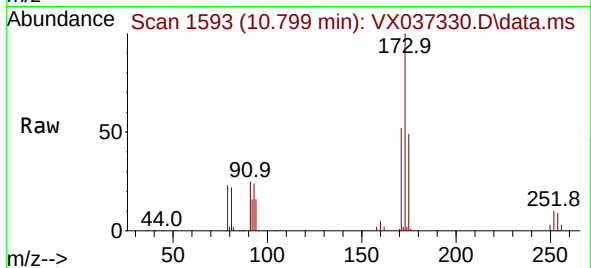
Tgt Ion:	173	Resp:	72969
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

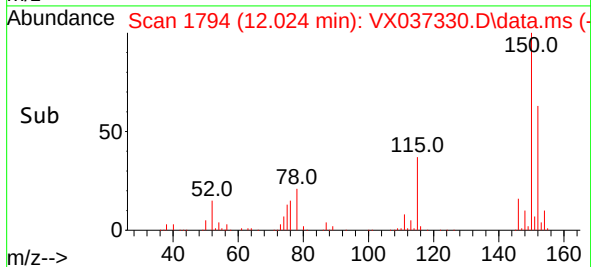
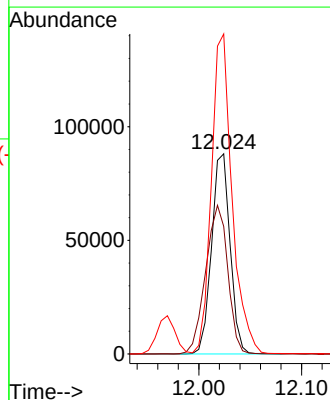
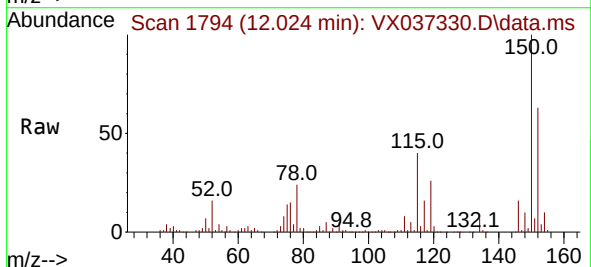
RT: 12.024 min Scan# 1794

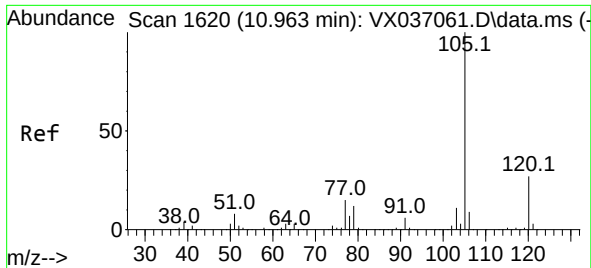
Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

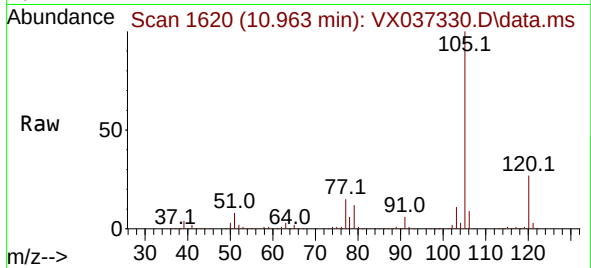
Tgt Ion:	152	Resp:	109954
Ion Ratio	Lower	Upper	
152	100		
115	89.3	43.3	129.9
150	178.2	0.0	345.0





#73
Isopropylbenzene
Concen: 53.112 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

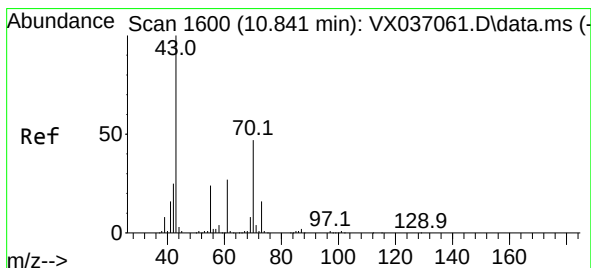
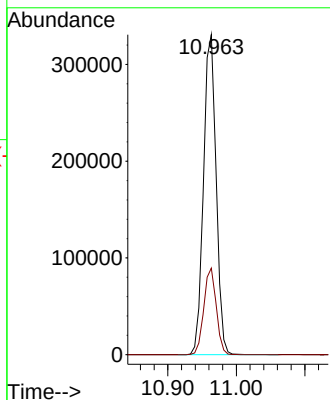
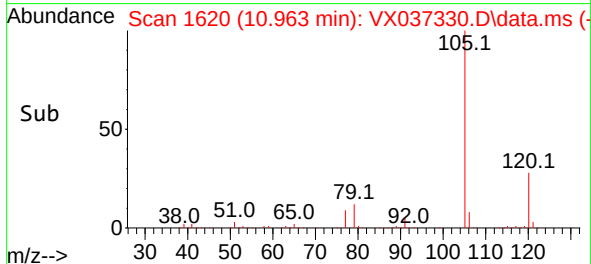
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



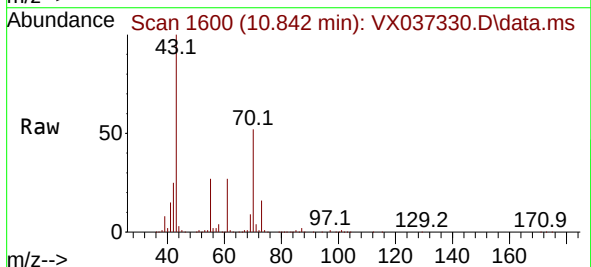
Tgt Ion:105 Resp: 42447
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations
APPROVED

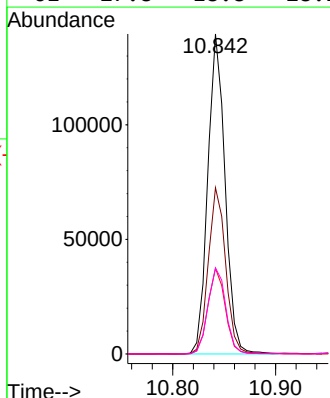
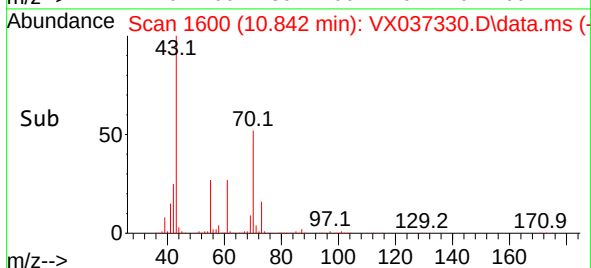
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

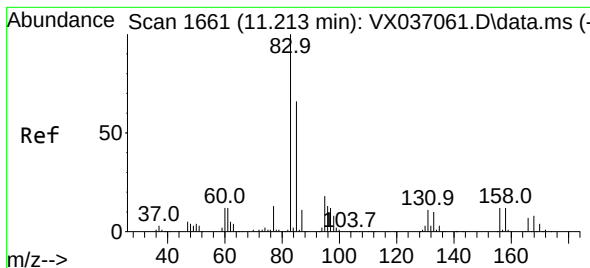


#74
N-ethyl acetate
Concen: 52.520 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



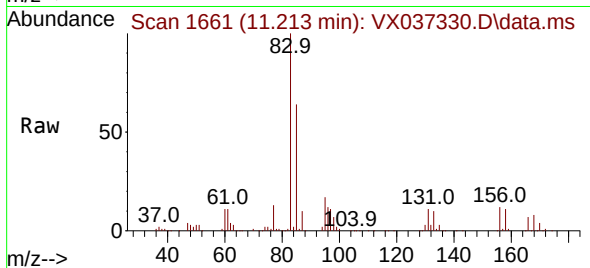
Tgt Ion: 43 Resp: 163094
Ion Ratio Lower Upper
43 100
70 52.4 32.9 49.3#
55 27.2 19.3 28.9
61 27.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.000 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

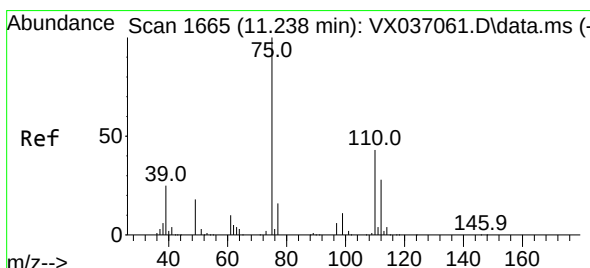
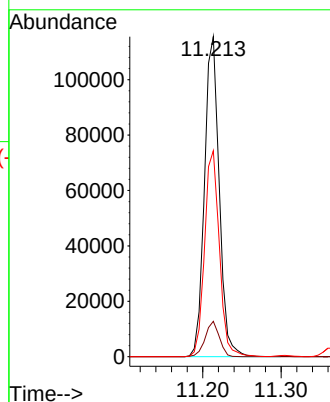
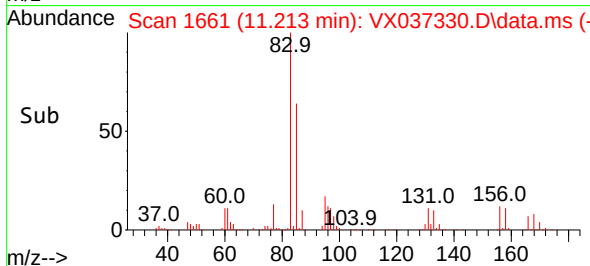
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



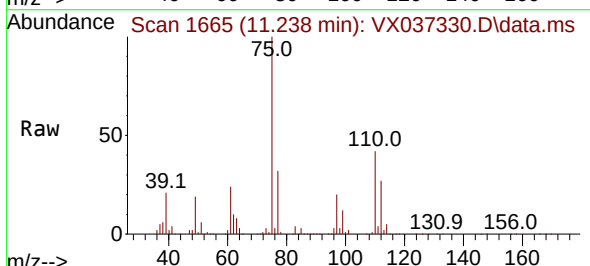
Tgt Ion: 83 Resp: 150724
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 64.6 32.0 96.2

Manual Integrations
APPROVED

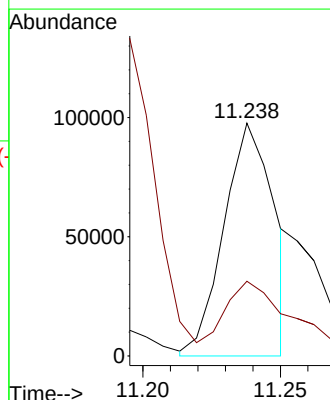
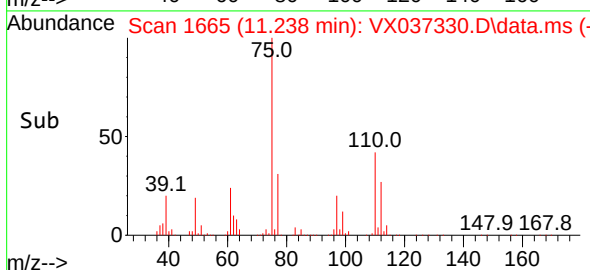
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

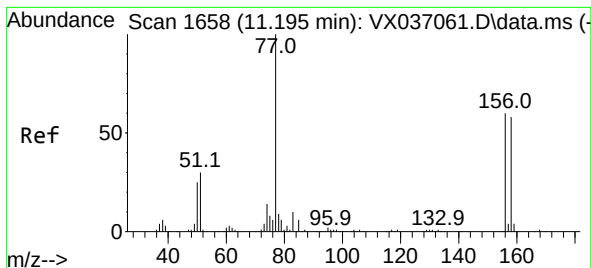


#76
1,2,3-Trichloropropane
Concen: 52.842 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



Tgt Ion: 75 Resp: 123738
Ion Ratio Lower Upper
75 100
77 43.8 19.1 57.5





#77

Bromobenzene

Concen: 53.990 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 10538

Ion Ratio Lower Upper

156 100

77 159.0 88.4 265.3

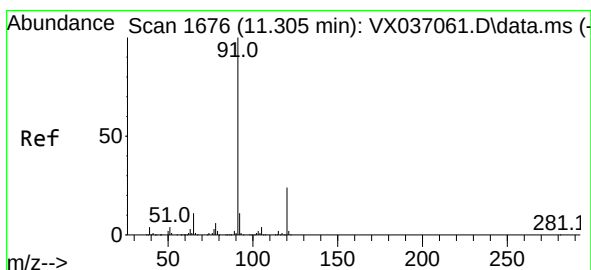
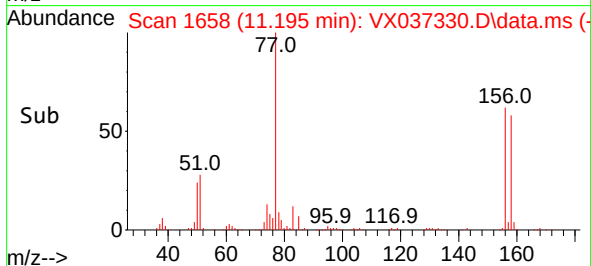
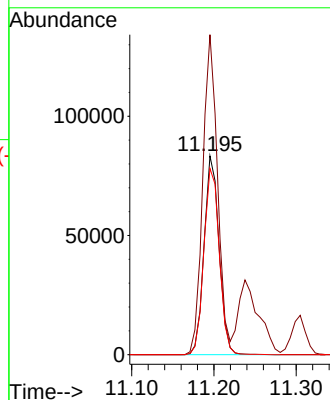
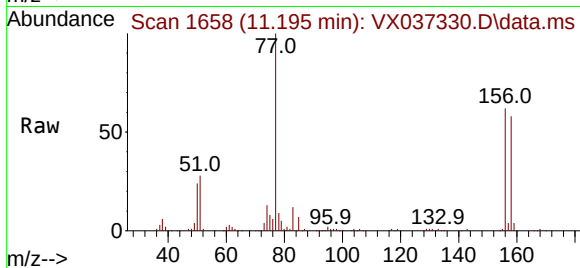
158 96.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#78

n-propylbenzene

Concen: 54.881 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037330.D

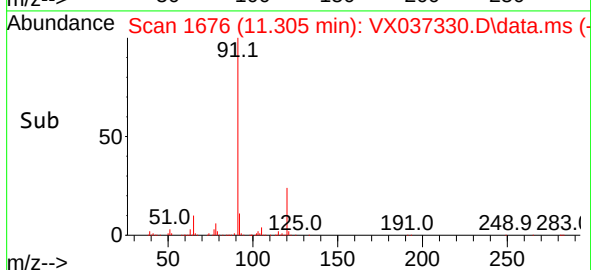
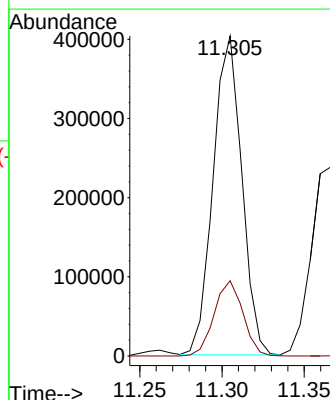
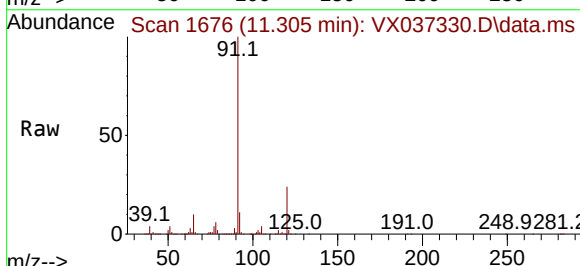
Acq: 29 Aug 2023 10:14

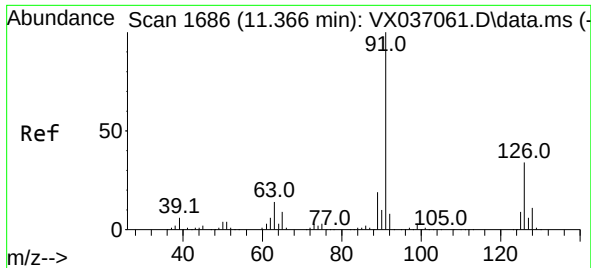
Tgt Ion: 91 Resp: 488400

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





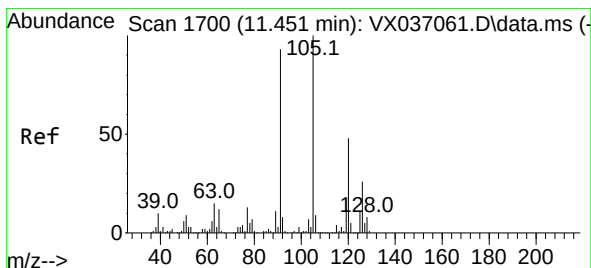
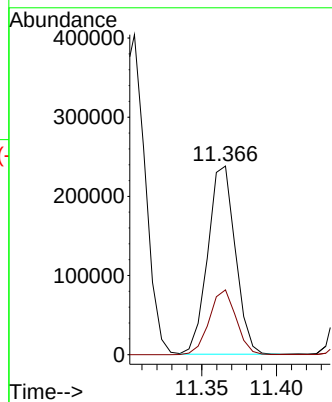
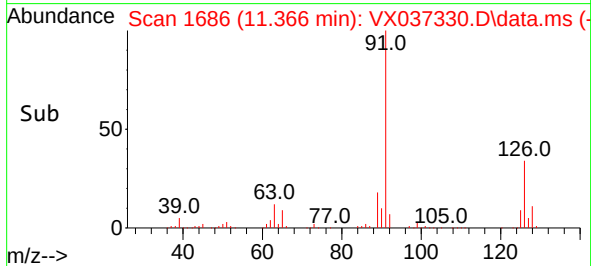
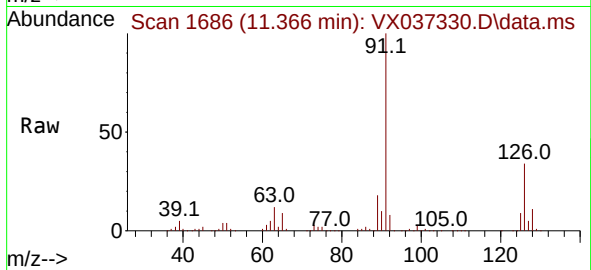
#79
2-Chlorotoluene
Concen: 53.591 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 304772
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

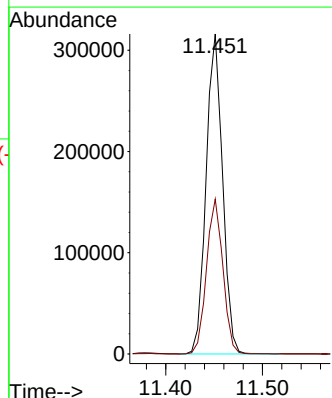
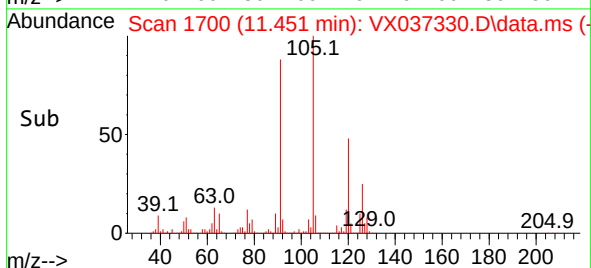
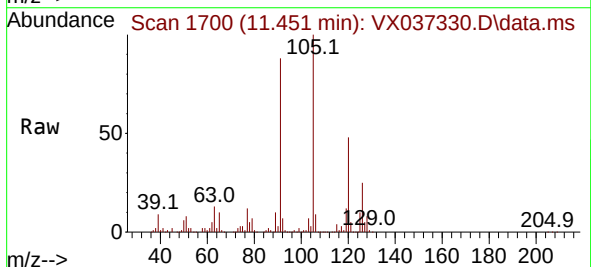
Manual Integrations
APPROVED

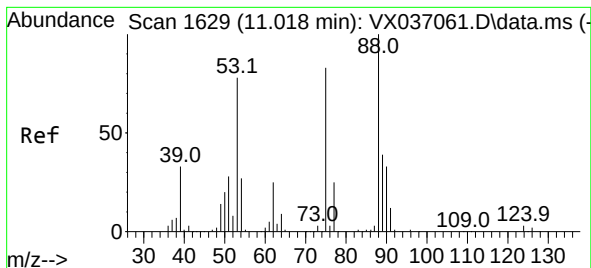
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.212 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

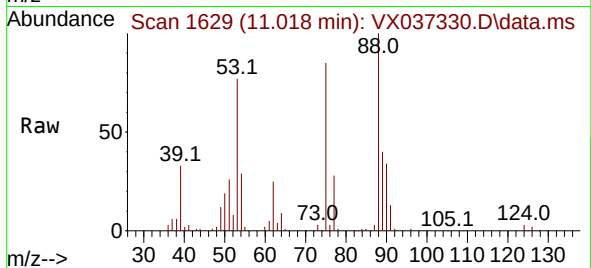
Tgt Ion:105 Resp: 374755
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 55.503 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

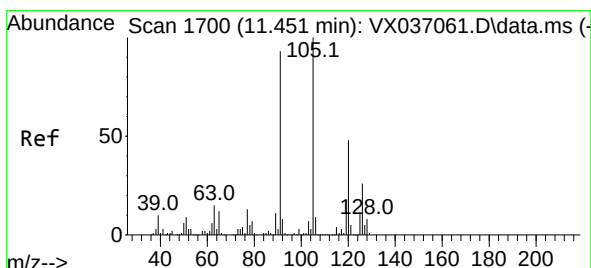
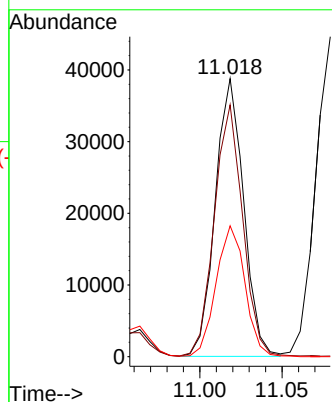
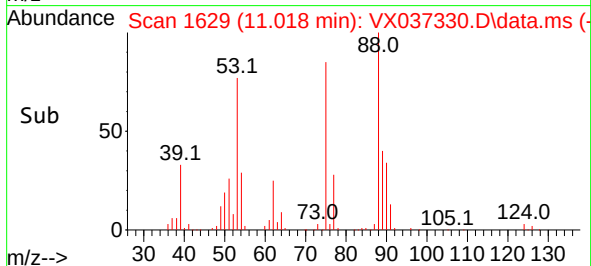
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4653
Ion Ratio Lower Upper
75 100
53 91.3 90.5 135.7
89 48.0 36.9 55.3

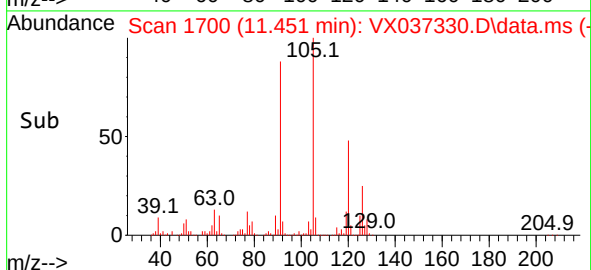
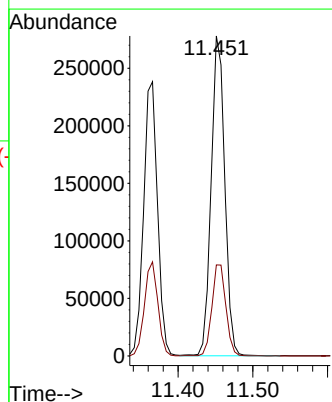
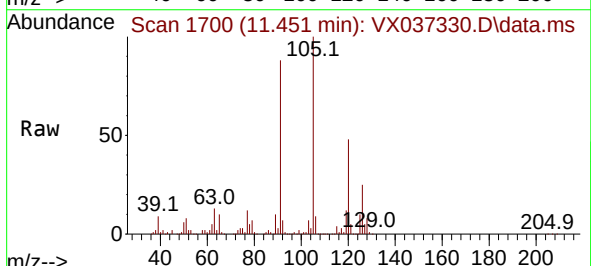
Manual Integrations
APPROVED

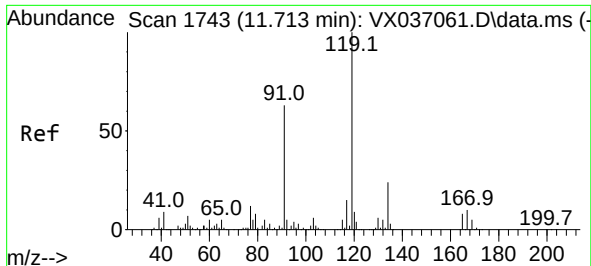
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#82
4-Chlorotoluene
Concen: 53.578 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

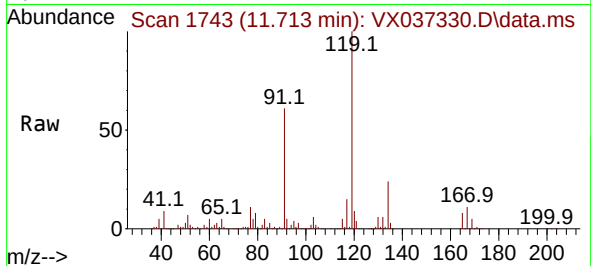
Tgt Ion: 91 Resp: 351720
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 58.443 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

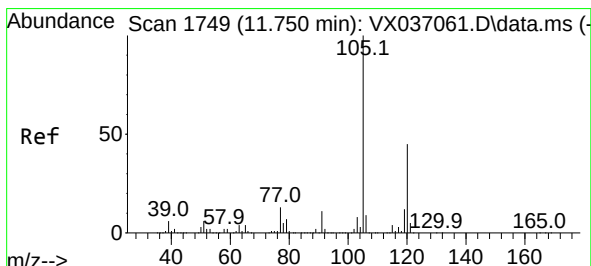
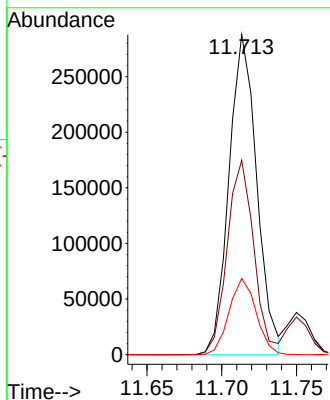
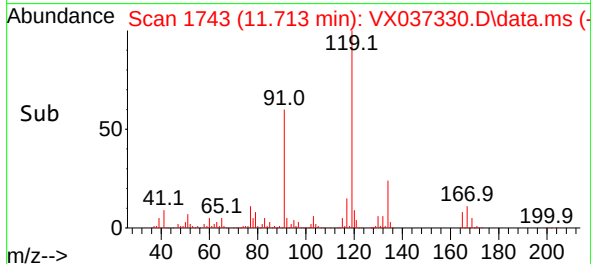
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



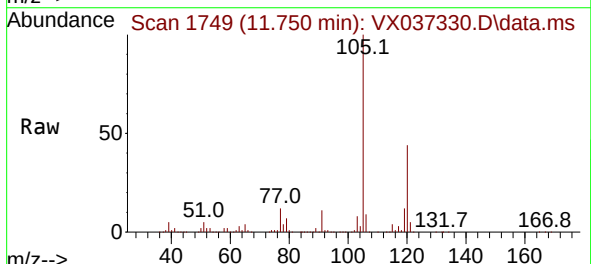
Tgt Ion:119 Resp: 371580
Ion Ratio Lower Upper
119 100
91 58.4 31.2 93.6
134 23.2 11.7 35.0

Manual Integrations
APPROVED

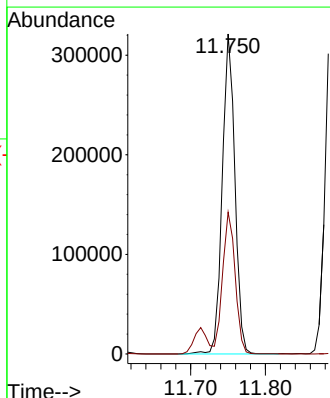
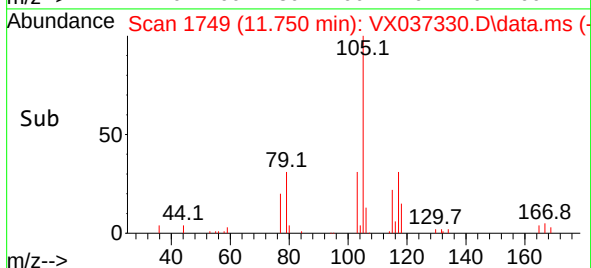
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

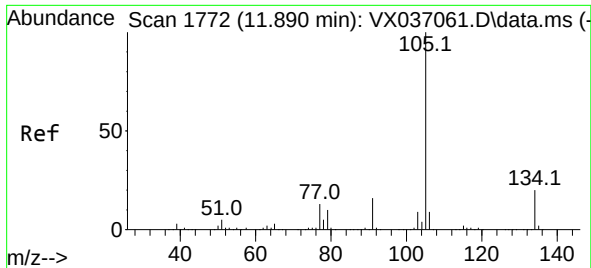


#84
1,2,4-Trimethylbenzene
Concen: 56.119 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



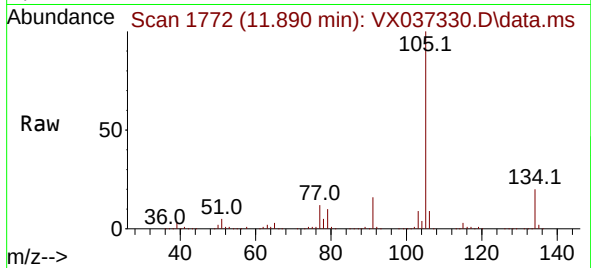
Tgt Ion:105 Resp: 378118
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 61.111 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037330.D
 Acq: 29 Aug 2023 10:14

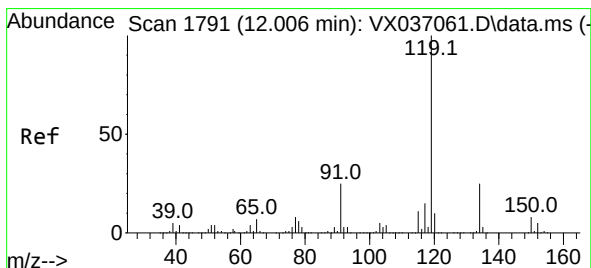
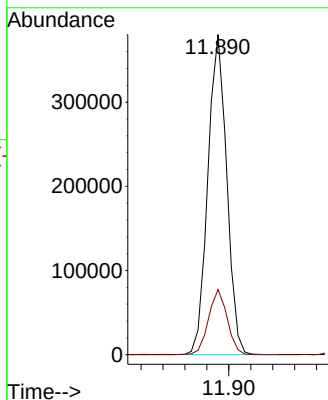
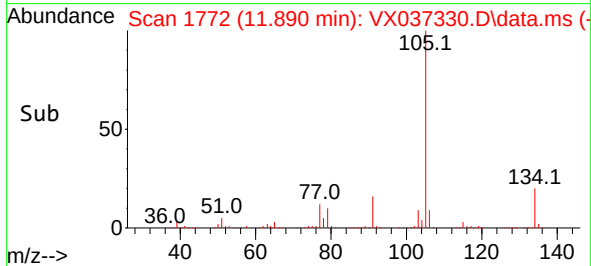
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 453835
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

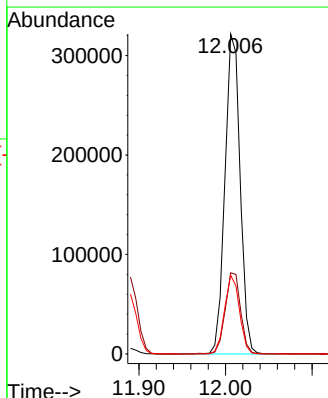
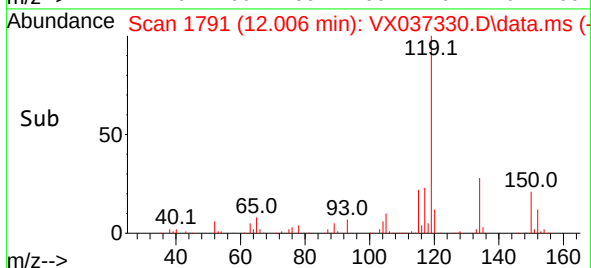
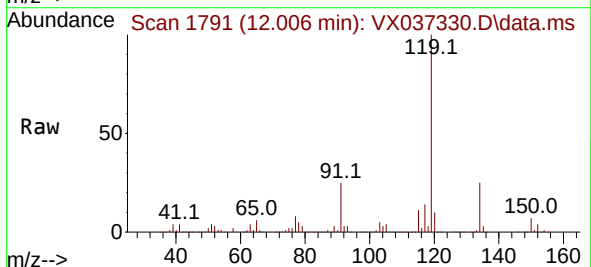
Manual Integrations
 APPROVED

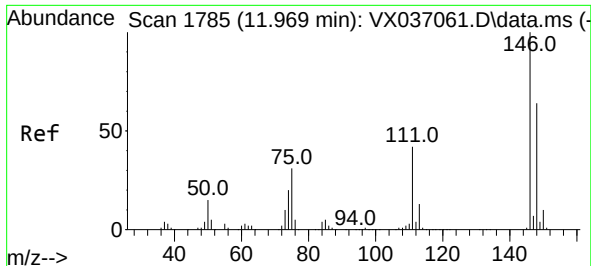
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023



#86
 p-Isopropyltoluene
 Concen: 61.336 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037330.D
 Acq: 29 Aug 2023 10:14

Tgt Ion:119 Resp: 392126
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 55.562 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037330.D

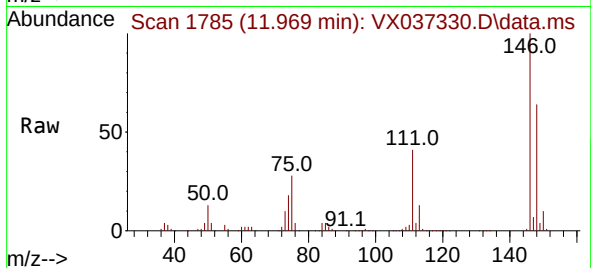
Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 20304

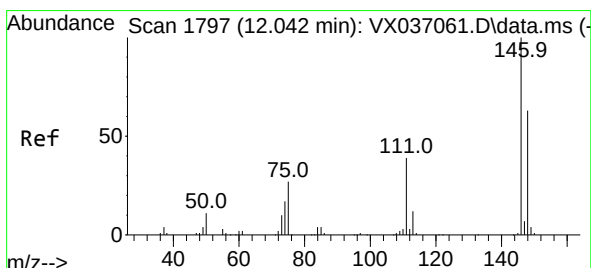
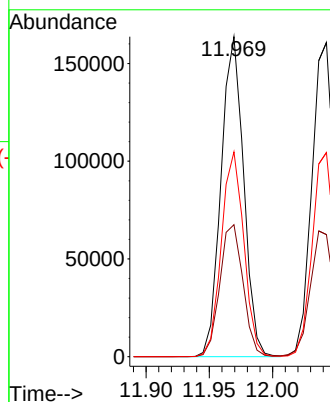
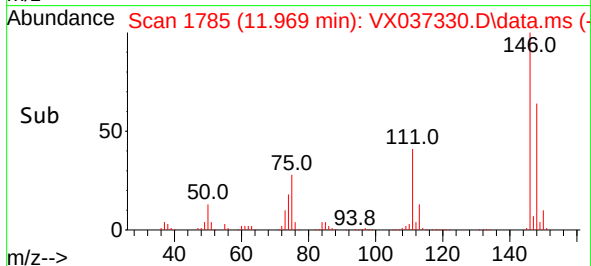
Ion	Ratio	Lower	Upper
146	100		
111	42.5	22.1	66.1
148	63.6	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#88

1,4-Dichlorobenzene

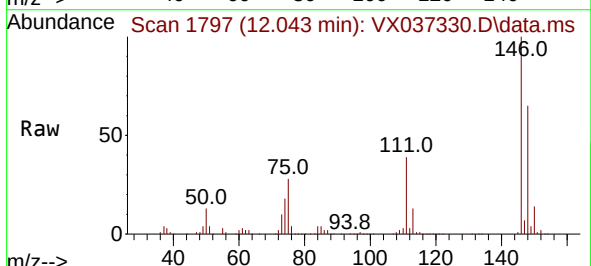
Concen: 54.124 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

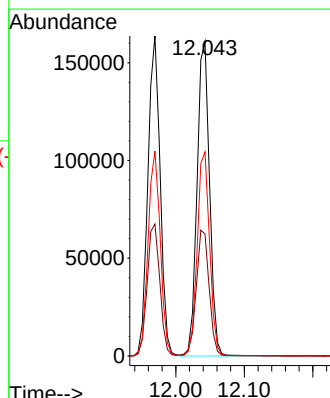
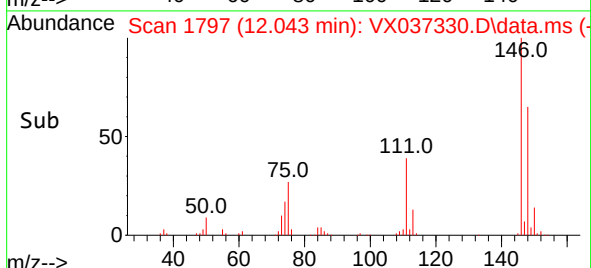
Lab File: VX037330.D

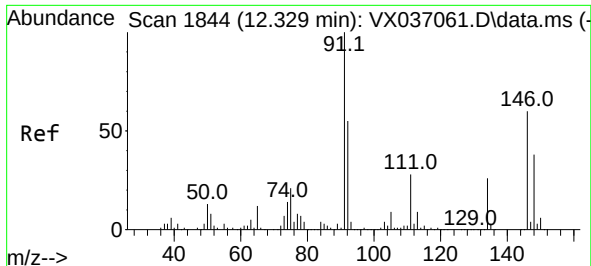
Acq: 29 Aug 2023 10:14



Tgt Ion:146 Resp: 204343

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.7
148	64.1	31.8	95.4





#89

n-Butylbenzene

Concen: 62.340 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 330420

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.0

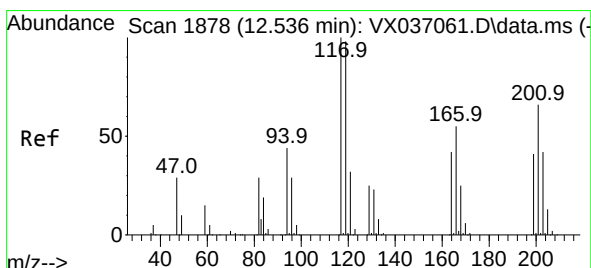
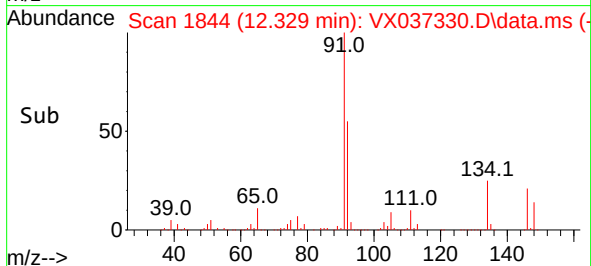
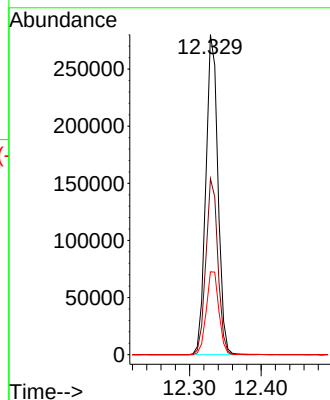
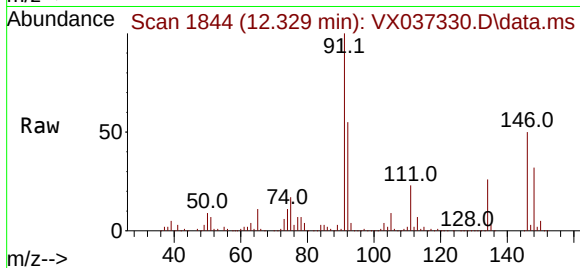
134 26.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#90

Hexachloroethane

Concen: 63.994 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037330.D

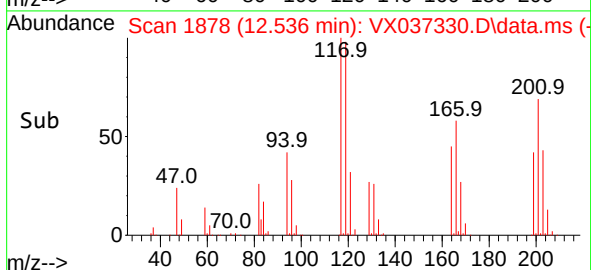
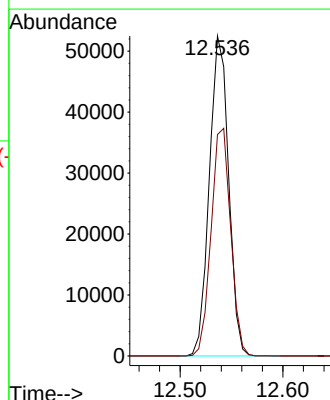
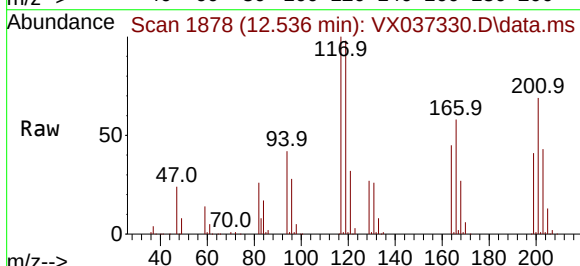
Acq: 29 Aug 2023 10:14

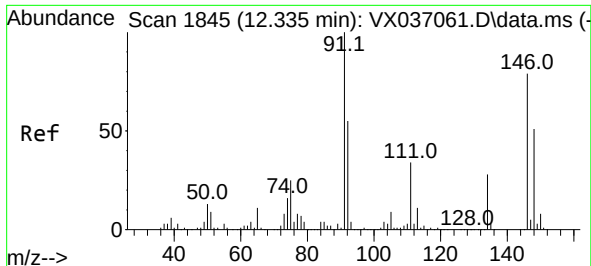
Tgt Ion:117 Resp: 68285

Ion Ratio Lower Upper

117 100

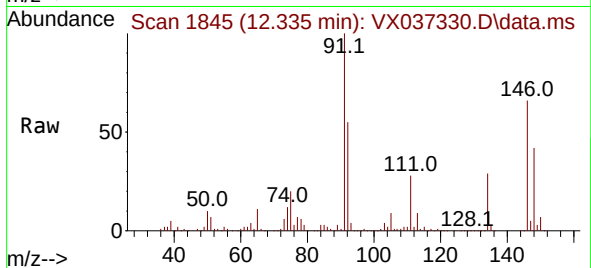
201 72.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 57.355 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

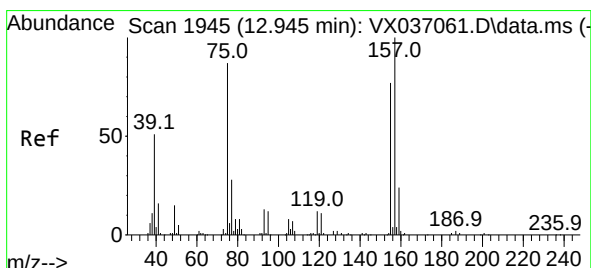
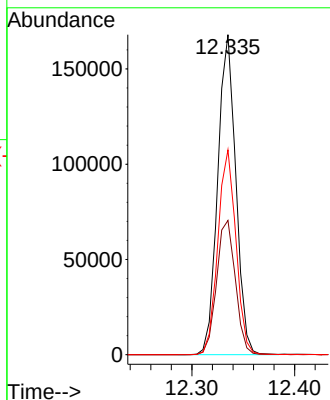
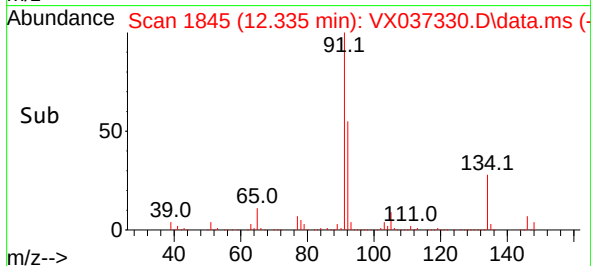
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



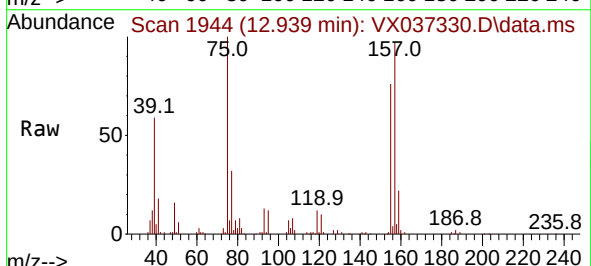
Tgt Ion:146 Resp: 205230
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

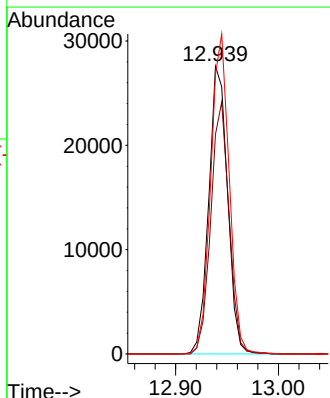
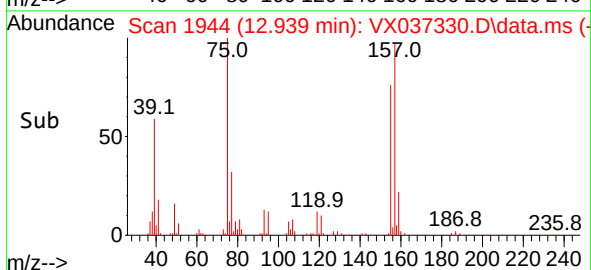
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

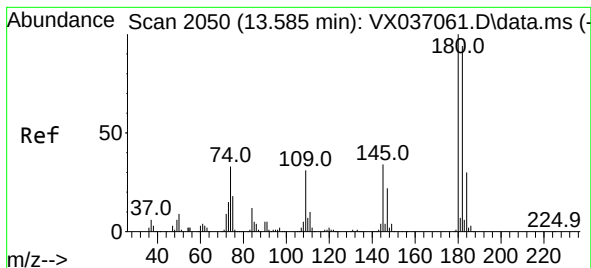


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.096 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14



Tgt Ion: 75 Resp: 35082
Ion Ratio Lower Upper
75 100
155 85.0 36.1 108.5
157 109.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 61.229 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

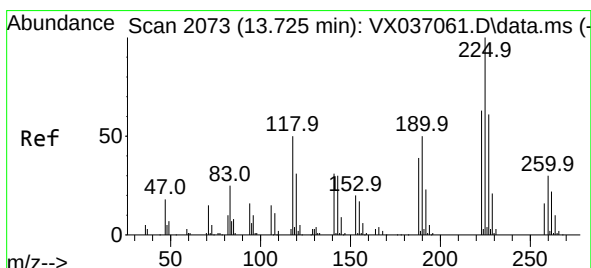
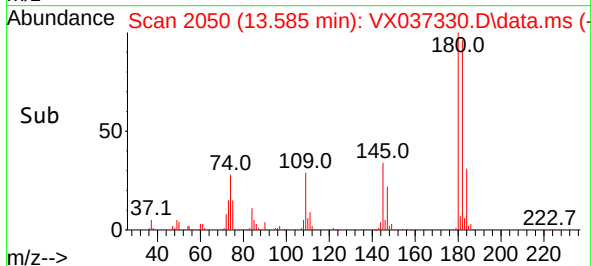
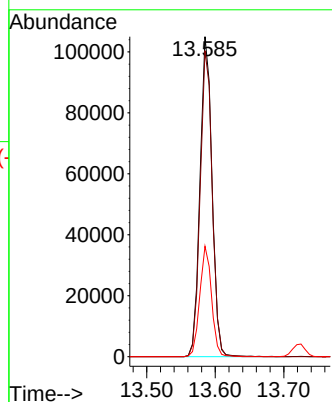
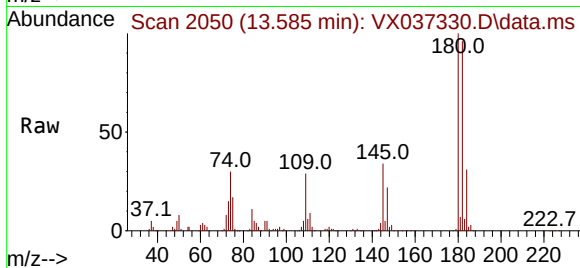
Tgt Ion:180	Resp:	128200
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.3 144.8
145	33.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#94

Hexachlorobutadiene

Concen: 67.166 ug/l

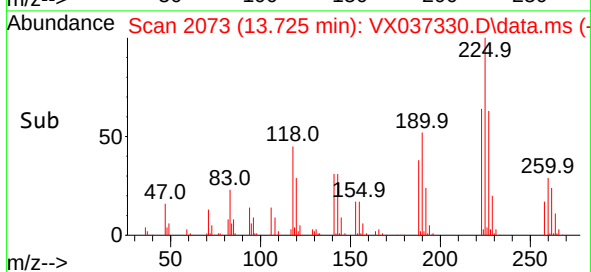
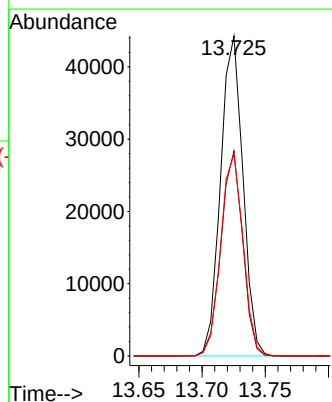
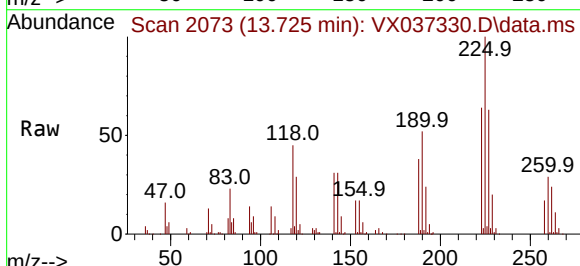
RT: 13.725 min Scan# 2073

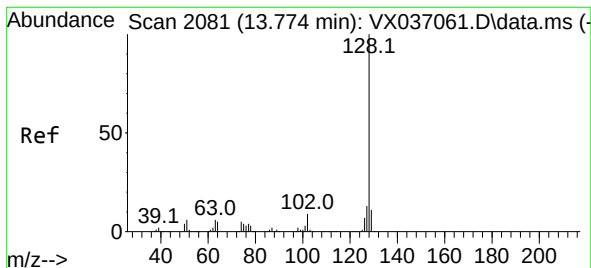
Delta R.T. 0.000 min

Lab File: VX037330.D

Acq: 29 Aug 2023 10:14

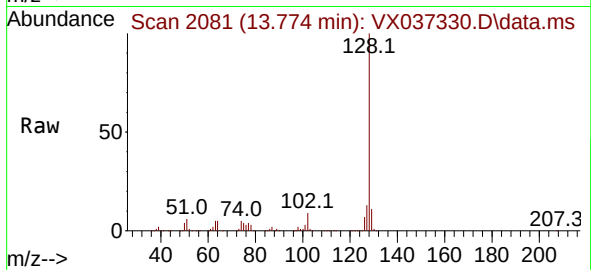
Tgt Ion:225	Resp:	54329
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.1 93.2
227	63.0	32.5 97.5





#95
Naphthalene
Concen: 49.953 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

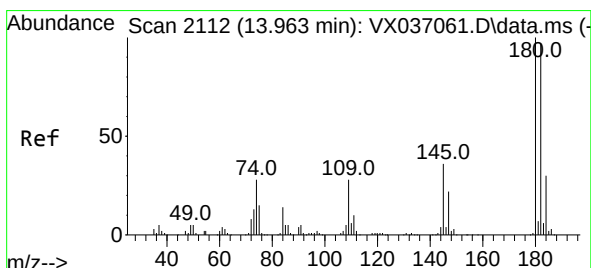
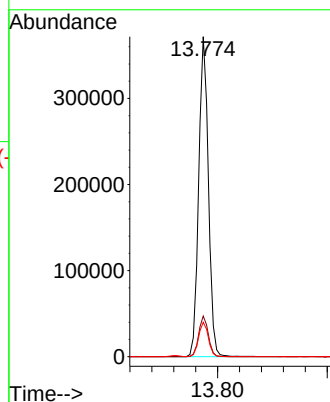
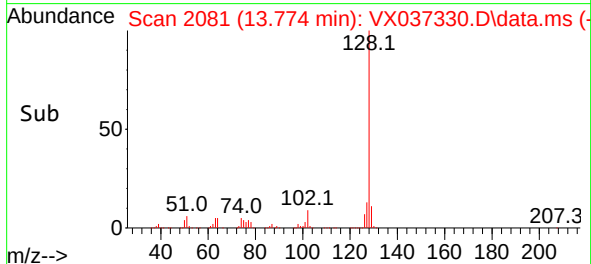
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 45815
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 60.916 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037330.D
Acq: 29 Aug 2023 10:14

Tgt Ion:180 Resp: 126717
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 35.7 17.8 53.5

