

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037453.D
 Acq On : 01 Sep 2023 00:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2023
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 07:58:44 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	104985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90106	59.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 119.060%#			
35) Dibromofluoromethane	5.385	113	78255	59.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.580%			
50) Toluene-d8	8.647	98	249753	52.608	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.220%			
62) 4-Bromofluorobenzene	11.079	95	105201	56.388	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50225	41.184	ug/l	99
3) Chloromethane	1.294	50	69135	64.799	ug/l	97
4) Vinyl Chloride	1.374	62	64038	55.142	ug/l	100
5) Bromomethane	1.599	94	29995	51.852	ug/l	95
6) Chloroethane	1.672	64	40330	59.015	ug/l	100
7) Trichlorofluoromethane	1.880	101	85247	44.812	ug/l	98
8) Diethyl Ether	2.130	74	48269	65.584	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	51884	46.751	ug/l	95
10) Methyl Iodide	2.447	142	85468	63.365	ug/l	91
11) Tert butyl alcohol	2.965	59	113654	320.113	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	54191	50.144	ug/l	84
13) Acrolein	2.233	56	71119	263.309	ug/l	98
14) Allyl chloride	2.660	41	92325	55.193	ug/l #	87
15) Acrylonitrile	3.062	53	209491	330.580	ug/l	99
16) Acetone	2.380	43	166757	281.630	ug/l #	84
17) Carbon Disulfide	2.508	76	113794	41.395	ug/l	98
18) Methyl Acetate	2.703	43	138532	62.138	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	262946	64.153	ug/l	98
20) Methylene Chloride	2.788	84	82998	62.680	ug/l #	82
21) trans-1,2-Dichloroethene	3.087	96	65282	53.139	ug/l	85
22) Diisopropyl ether	3.757	45	215042	62.648	ug/l #	87
23) Vinyl Acetate	3.721	43	810628	308.176	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	127453	59.211	ug/l	96
25) 2-Butanone	4.556	43	271645	304.690	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	71931	37.418	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	86157	59.488	ug/l	84
28) Bromochloromethane	4.897	49	59197	61.563	ug/l #	70
29) Tetrahydrofuran	5.001	42	171871	302.289	ug/l #	80
30) Chloroform	5.093	83	140890	58.307	ug/l	97
31) Cyclohexane	5.464	56	73350	43.100	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	109991	50.796	ug/l	95
36) 1,1-Dichloropropene	5.696	75	80540	43.315	ug/l	96
37) Ethyl Acetate	4.708	43	105781	55.692	ug/l #	91
38) Carbon Tetrachloride	5.678	117	86105	42.630	ug/l	99
39) Methylcyclohexane	7.379	83	83683	42.836	ug/l	90
40) Benzene	6.038	78	298410	55.958	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56699	57.422	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	111844	53.481	ug/l	93
43) Isopropyl Acetate	6.336	43	171397	56.838	ug/l #	89
44) Trichloroethene	7.123	130	108226	71.571	ug/l	98
45) 1,2-Dichloropropane	7.428	63	76362	58.074	ug/l	97
46) Dibromomethane	7.580	93	59252	57.201	ug/l	93
47) Bromodichloromethane	7.824	83	108870	54.872	ug/l	98
48) Methyl methacrylate	7.690	41	83562	56.821	ug/l #	80
49) 1,4-Dioxane	7.659	88	46783	1181.209	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	544657	297.446	ug/l	88
52) Toluene	8.720	92	251992	71.518	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111848	52.945	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	122065	53.469	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	87087	60.698	ug/l	97
56) Ethyl methacrylate	9.116	69	137974	61.395	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	142004	58.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	306890	284.559	ug/l	92
59) 2-Hexanone	9.433	43	419528	300.484	ug/l	84
60) Dibromochloromethane	9.519	129	89769	58.766	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92525	58.901	ug/l	99
64) Tetrachloroethene	9.275	164	55498	41.601	ug/l	97
65) Chlorobenzene	10.079	112	199928	51.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	80267	56.270	ug/l	99
67) Ethyl Benzene	10.195	91	360403	52.993	ug/l	99
68) m/p-Xylenes	10.299	106	305998	116.511	ug/l	96
69) o-Xylene	10.640	106	152521	58.862	ug/l	97
70) Styrene	10.653	104	232030	54.361	ug/l	97
71) Bromoform	10.799	173	65521	61.406	ug/l #	100
73) Isopropylbenzene	10.963	105	333642	49.144	ug/l	98
74) N-amyl acetate	10.842	43	153669	58.253	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	142570	62.356	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	116738m	58.686	ug/l	
77) Bromobenzene	11.195	156	89724	54.114	ug/l	91
78) n-propylbenzene	11.305	91	374058	49.480	ug/l	99
79) 2-Chlorotoluene	11.366	91	245629	50.844	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298880	52.775	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36696	51.525	ug/l	85
82) 4-Chlorotoluene	11.451	91	276698	49.618	ug/l	98
83) tert-Butylbenzene	11.713	119	289613	53.622	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	324976	56.778	ug/l	97
85) sec-Butylbenzene	11.890	105	337817	53.548	ug/l	99
86) p-Isopropyltoluene	12.006	119	293021	53.955	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	160452	51.688	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	164367	51.249	ug/l	99
89) n-Butylbenzene	12.329	91	234995	52.192	ug/l	99
90) Hexachloroethane	12.536	117	49818	54.960	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	170633	56.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	31865	59.980	ug/l	77
93) 1,2,4-Trichlorobenzene	13.585	180	101366	56.991	ug/l	97
94) Hexachlorobutadiene	13.725	225	35822	52.133	ug/l	99
95) Naphthalene	13.774	128	418192	53.676	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	105793	59.869	ug/l	99

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

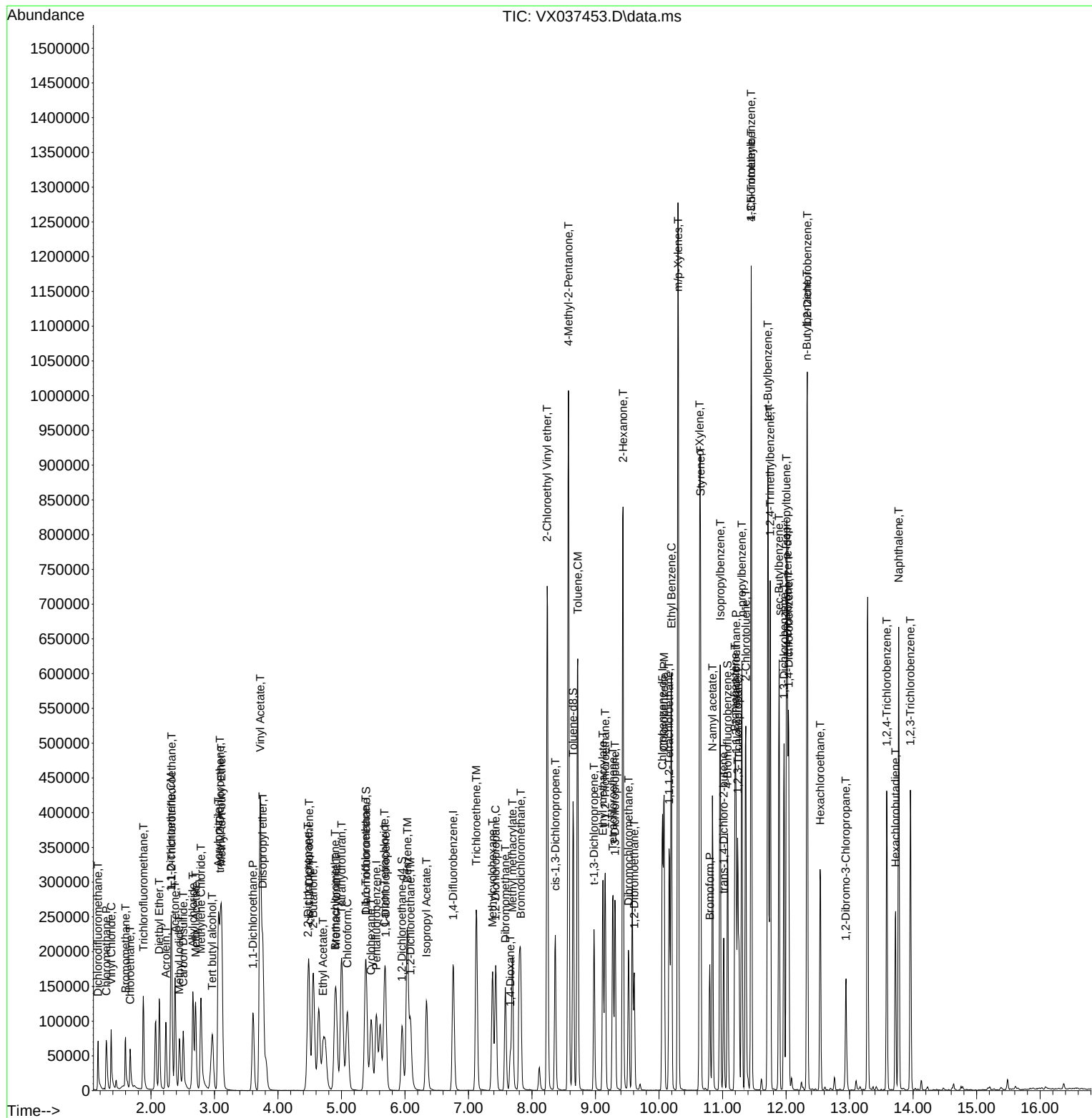
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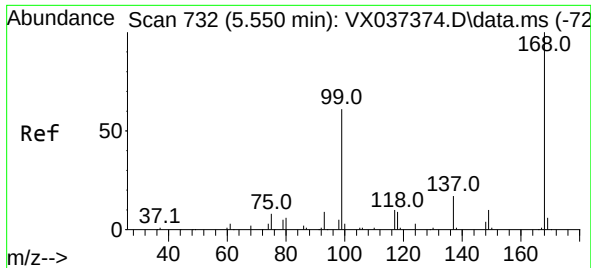
Instrument :
MSVOA_X
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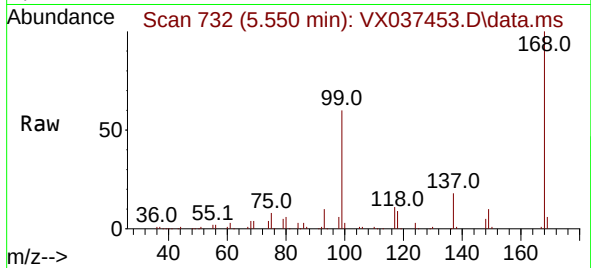
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

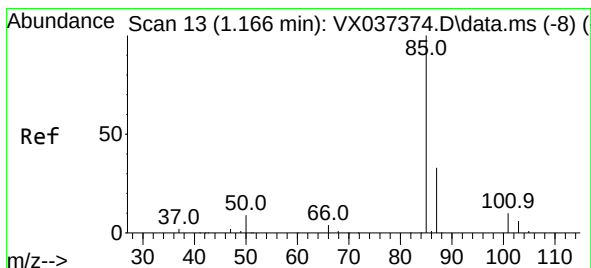
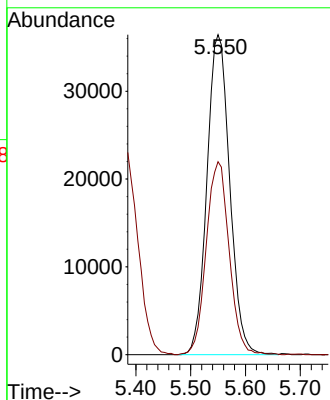
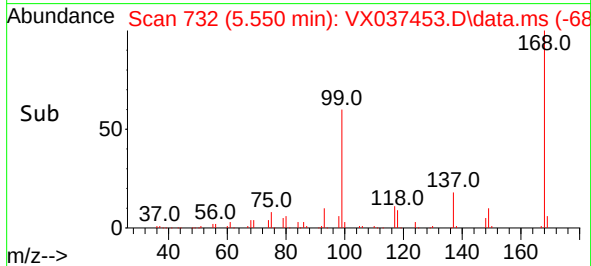
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 10498
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

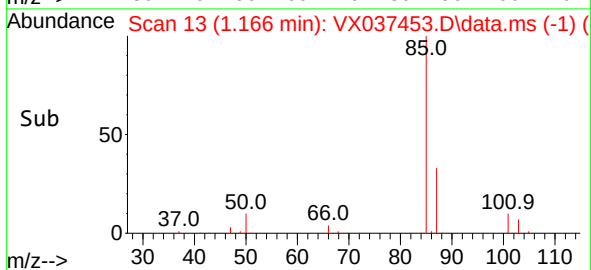
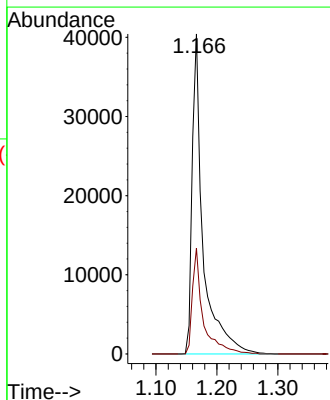
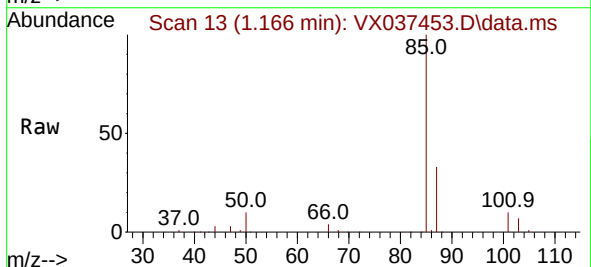
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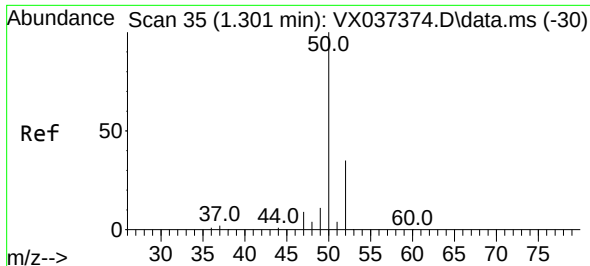
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#2
Dichlorodifluoromethane
Concen: 41.184 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion: 85 Resp: 50225
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





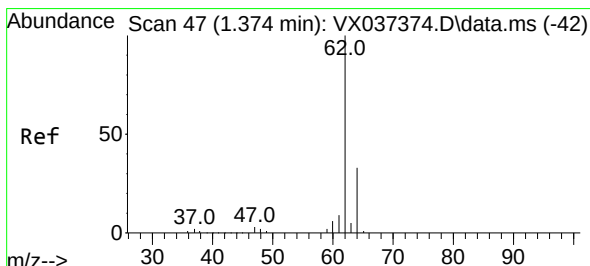
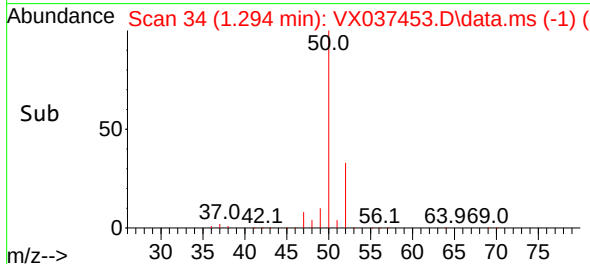
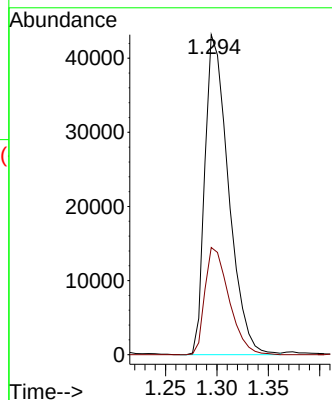
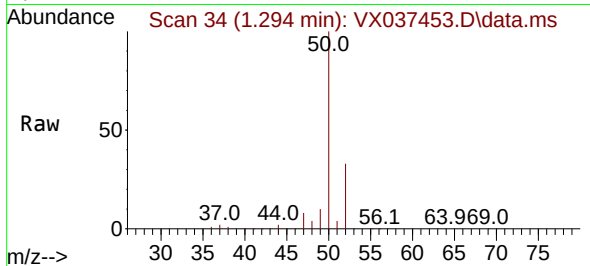
#3
Chloromethane
Concen: 64.799 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

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Tgt Ion: 50 Resp: 6913
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

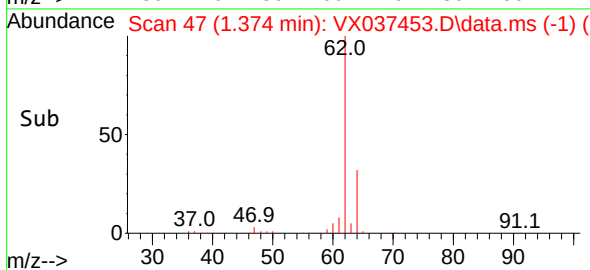
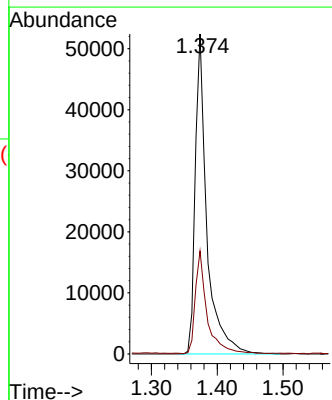
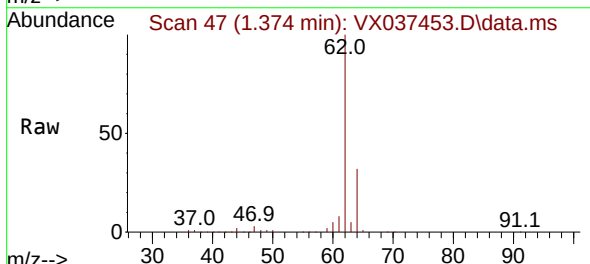
Manual Integrations
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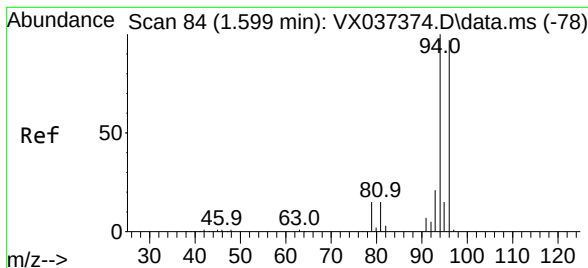
Reviewed By :John Carlone 09/01/2023
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#4
Vinyl Chloride
Concen: 55.142 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

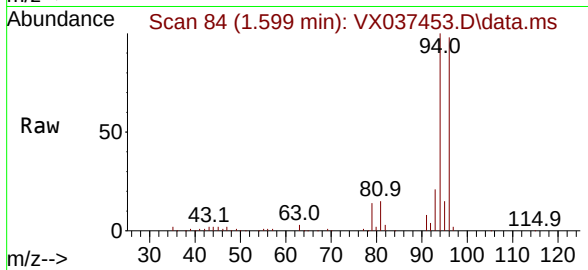
Tgt Ion: 62 Resp: 64038
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 51.852 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

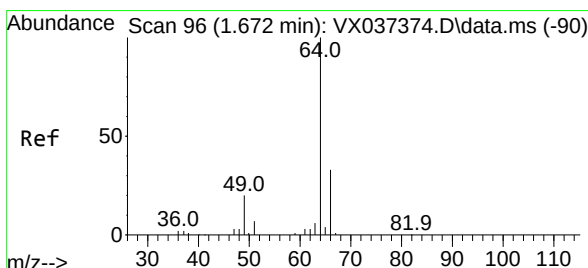
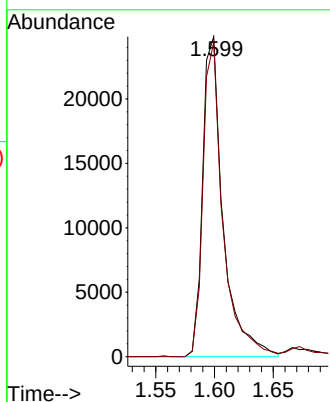
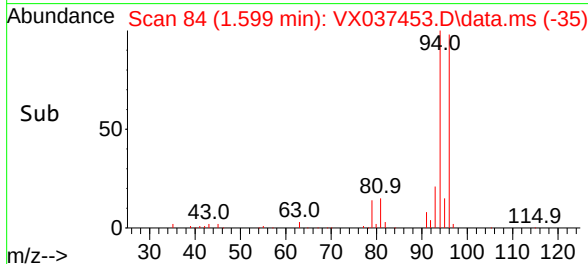
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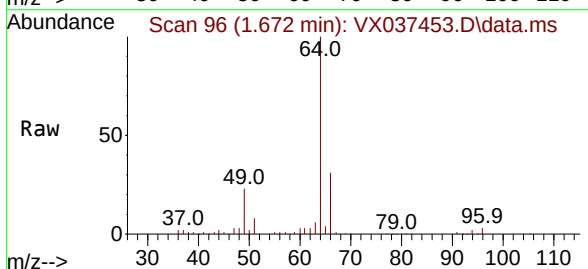
Tgt Ion: 94 Resp: 2999
Ion Ratio Lower Upper
94 100
96 98.2 74.6 111.8

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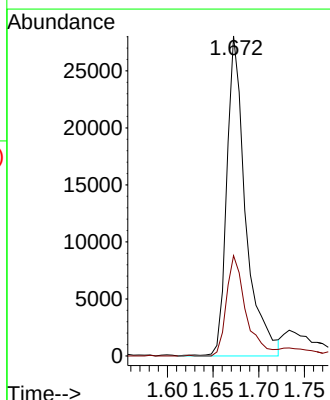
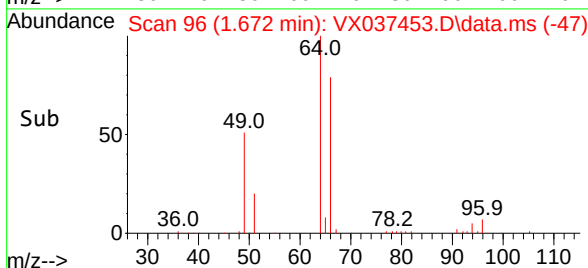
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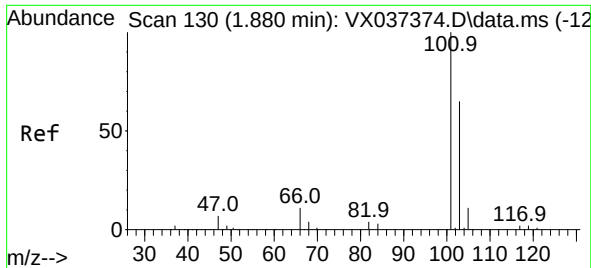


#6
Chloroethane
Concen: 59.015 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



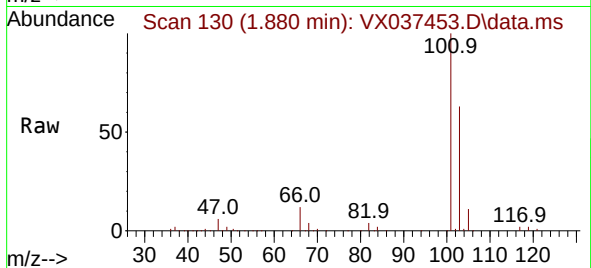
Tgt Ion: 64 Resp: 40330
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 44.812 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

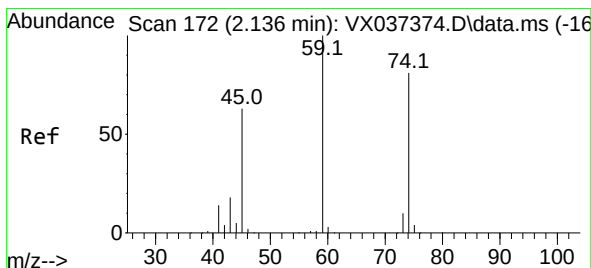
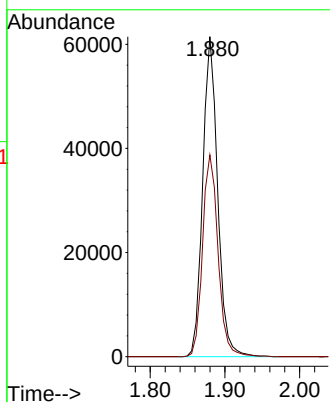
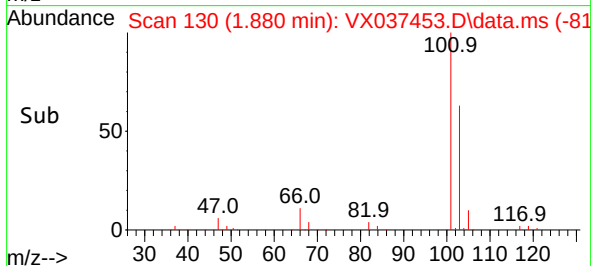
Instrument :
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Tgt Ion:101 Resp: 8524
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.2

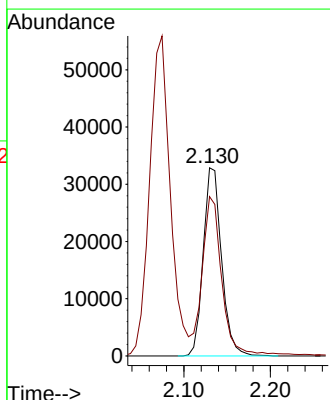
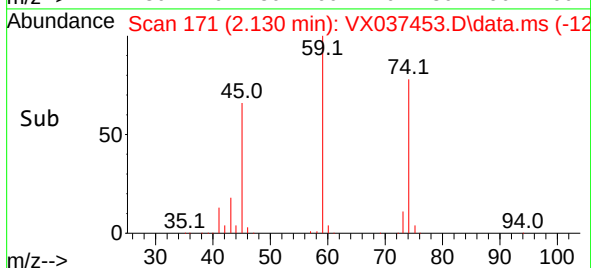
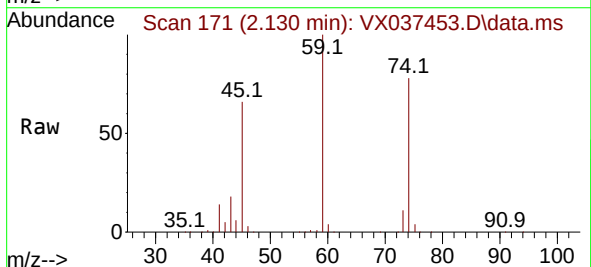
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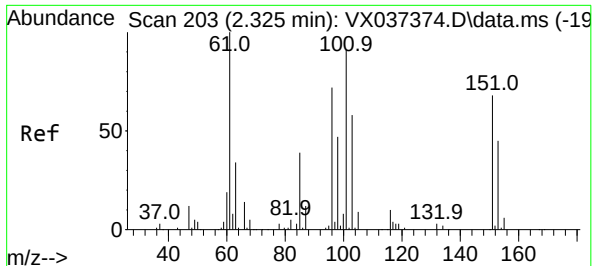
Reviewed By :John Carlone 09/01/2023
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#8
Diethyl Ether
Concen: 65.584 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037453.D
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Tgt Ion: 74 Resp: 48269
Ion Ratio Lower Upper
74 100
45 89.9 53.3 159.8





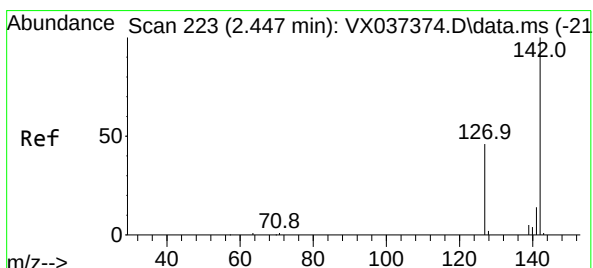
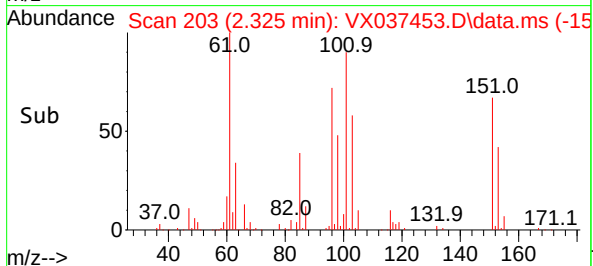
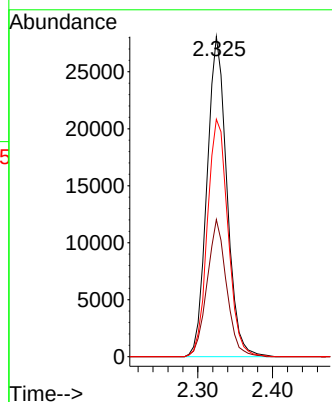
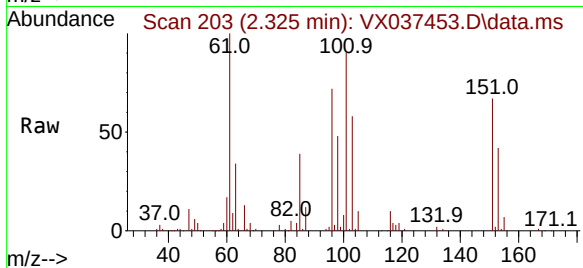
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.751 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 51884
Ion Ratio Lower Upper
101 100
85 41.9 37.0 55.6
151 76.7 58.6 87.8

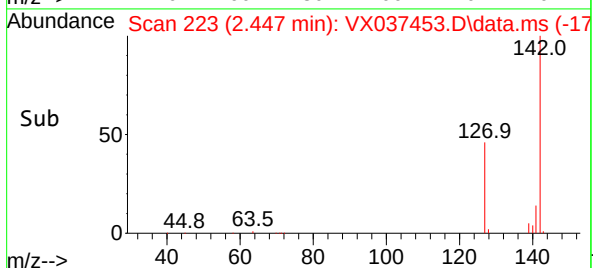
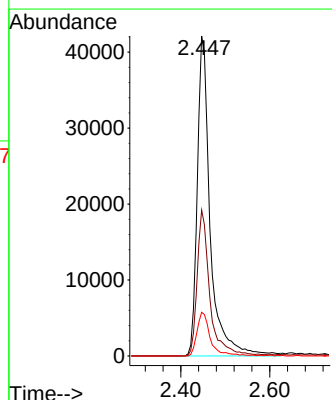
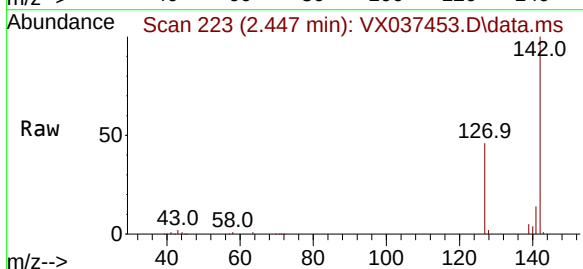
Manual Integrations
APPROVED

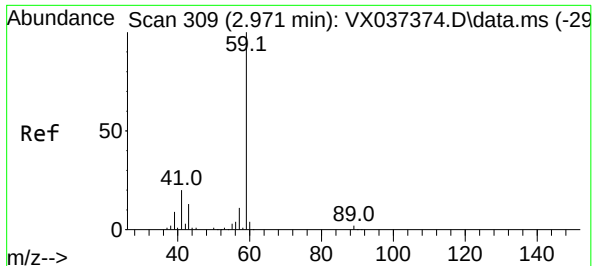
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#10
Methyl Iodide
Concen: 63.365 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion:142 Resp: 85468
Ion Ratio Lower Upper
142 100
127 44.4 41.6 62.4
141 14.1 11.6 17.4





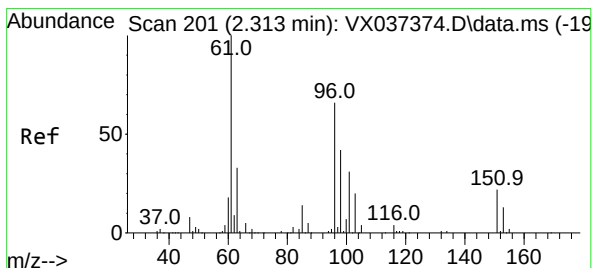
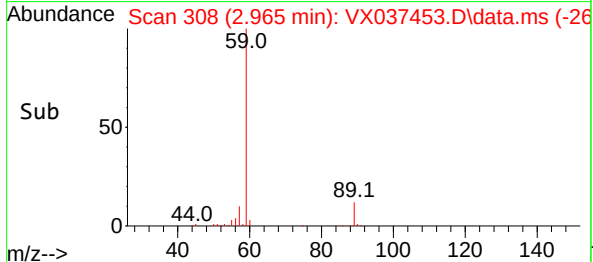
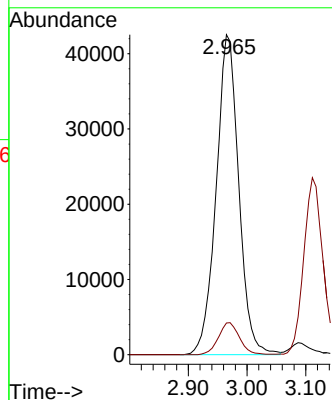
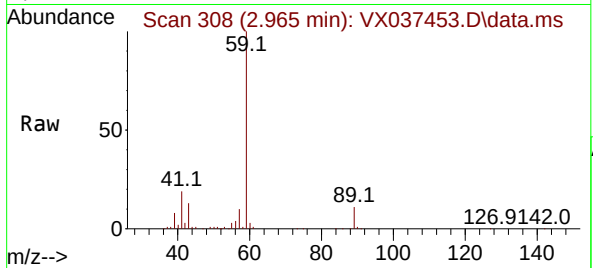
#11
Tert butyl alcohol
Concen: 320.113 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 113654
Ion Ratio Lower Upper
59 100
57 9.4 6.0 9.0

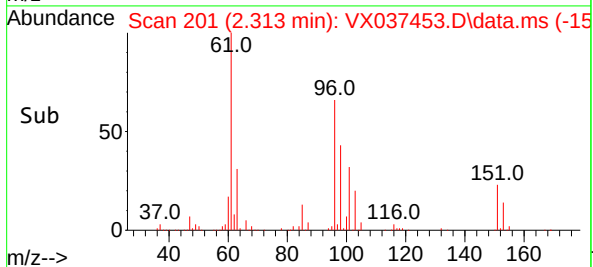
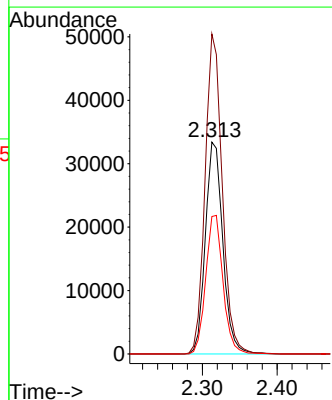
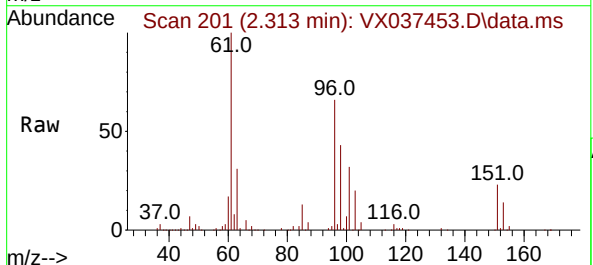
Manual Integrations
APPROVED

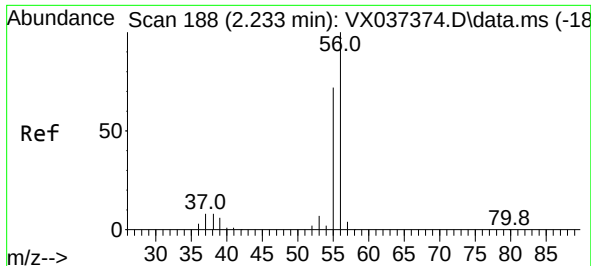
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#12
1,1-Dichloroethene
Concen: 50.144 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

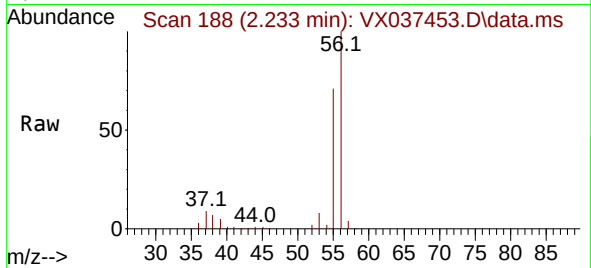
Tgt Ion: 96 Resp: 54191
Ion Ratio Lower Upper
96 100
61 151.1 144.6 216.8
98 64.9 50.4 75.6





#13
Acrolein
Concen: 263.309 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

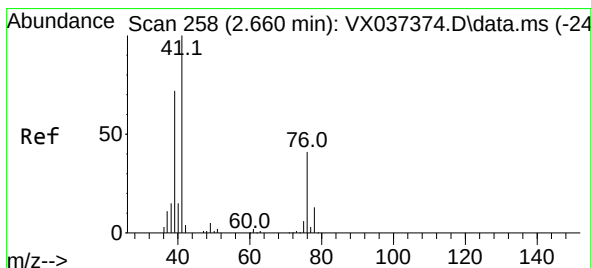
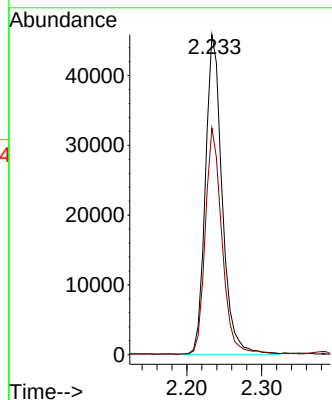
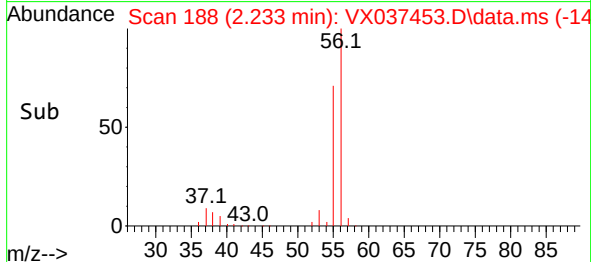
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 71119
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7

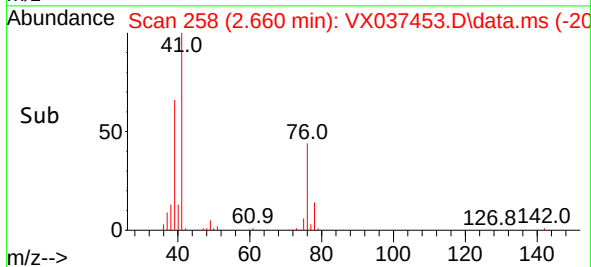
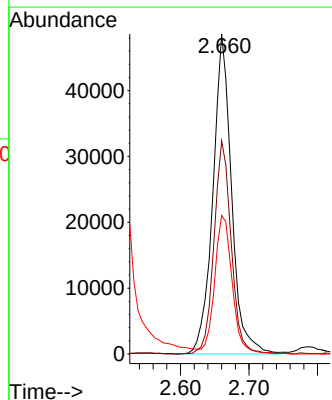
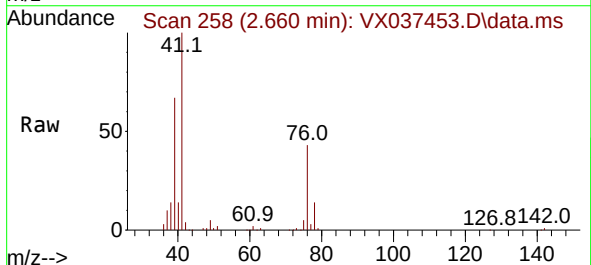
Manual Integrations
APPROVED

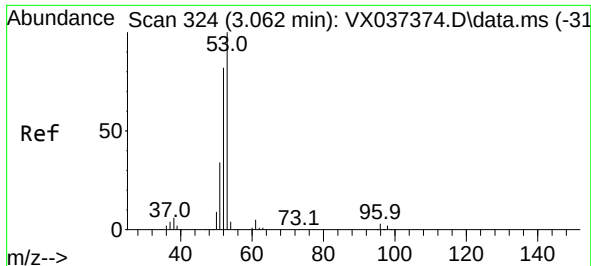
Reviewed By :John Carbone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#14
Allyl chloride
Concen: 55.193 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

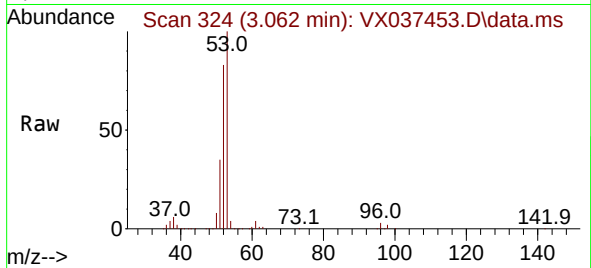
Tgt Ion: 41 Resp: 92325
Ion Ratio Lower Upper
41 100
39 61.3 55.8 83.6
76 40.4 24.3 36.5





#15
Acrylonitrile
Concen: 330.580 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

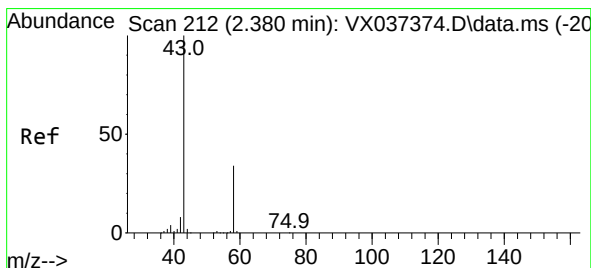
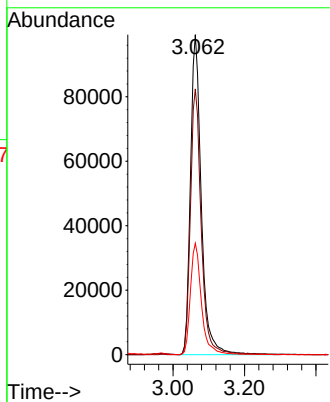
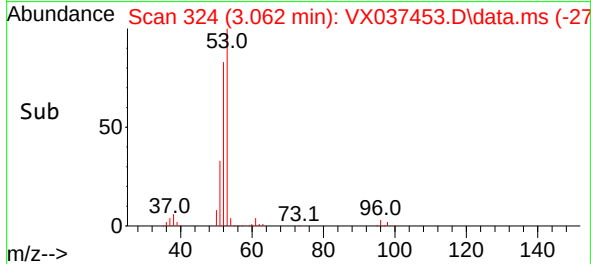
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 20949
Ion Ratio Lower Upper
53 100
52 82.3 66.0 99.0
51 35.5 29.8 44.6

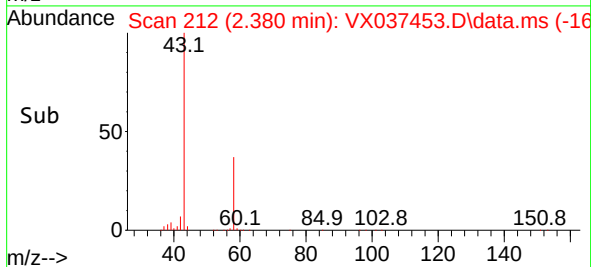
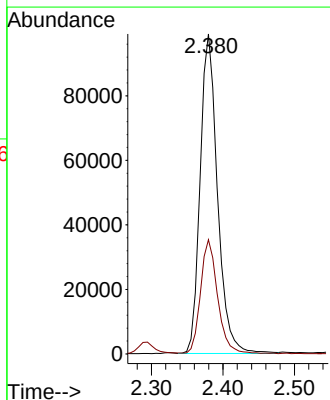
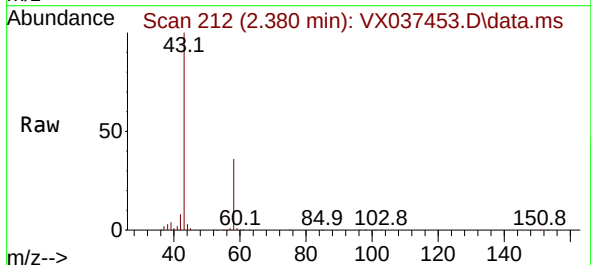
Manual Integrations
APPROVED

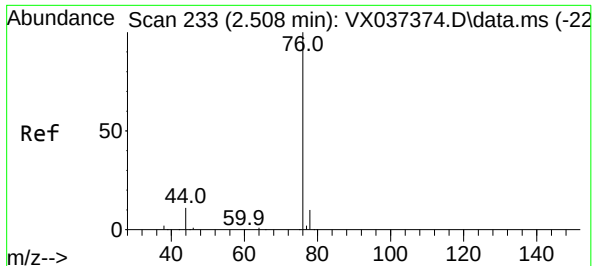
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#16
Acetone
Concen: 281.630 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion: 43 Resp: 166757
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9





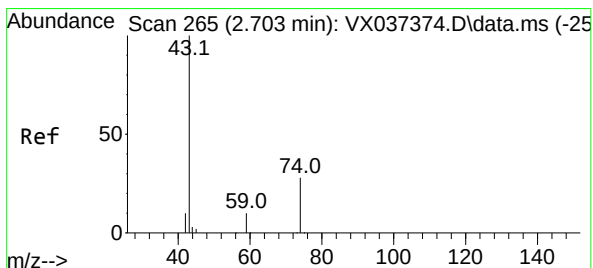
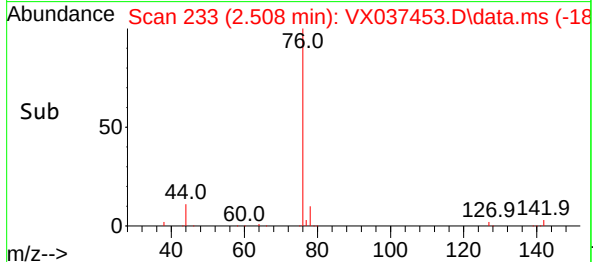
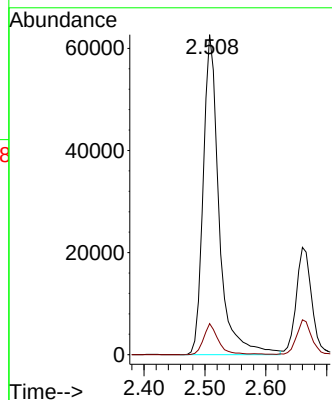
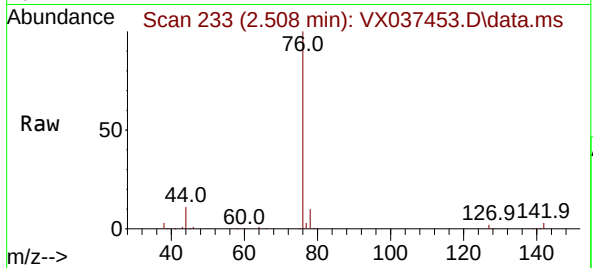
#17
Carbon Disulfide
Concen: 41.395 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 113794
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

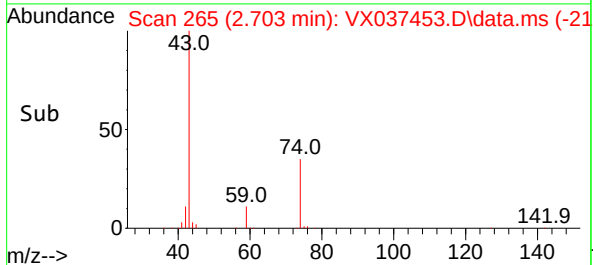
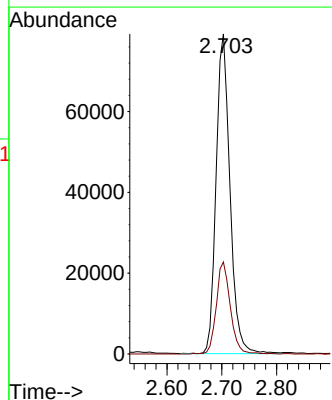
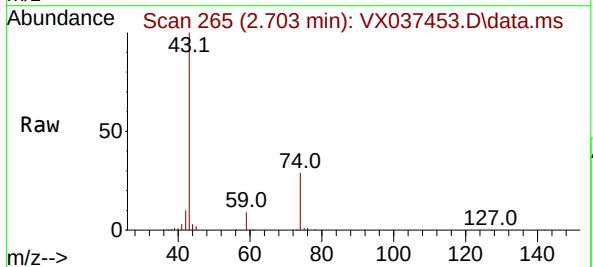
Manual Integrations
APPROVED

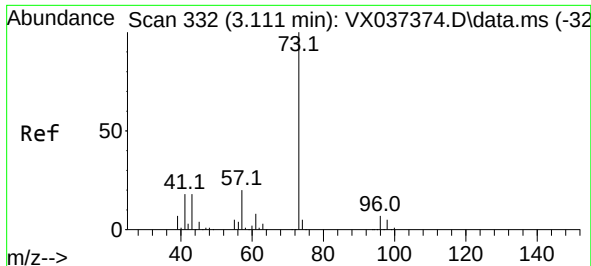
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#18
Methyl Acetate
Concen: 62.138 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

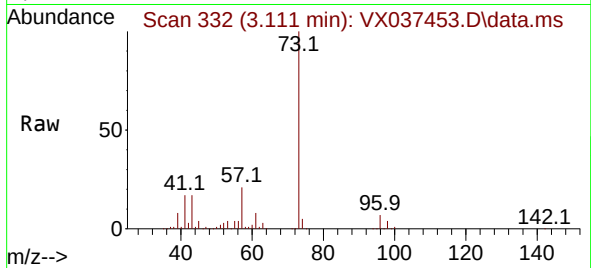
Tgt Ion: 43 Resp: 138532
Ion Ratio Lower Upper
43 100
74 29.1 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 64.153 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

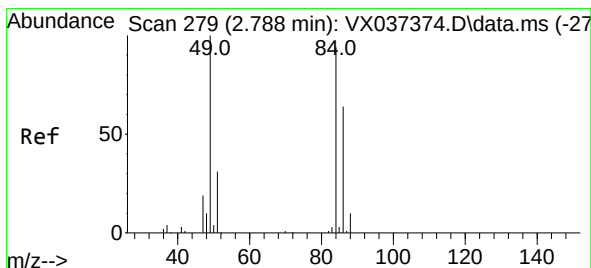
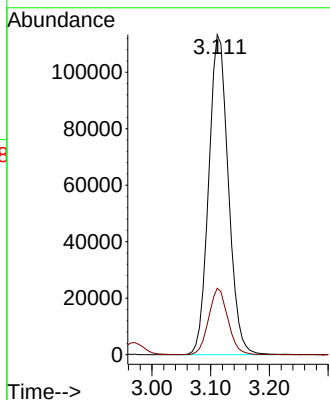
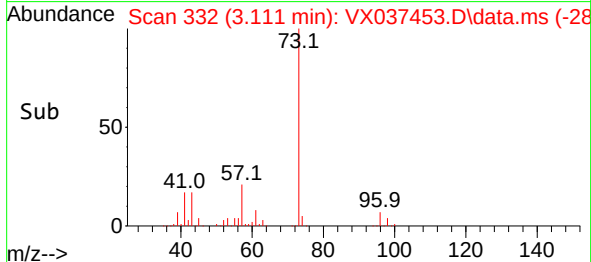
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 262940
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

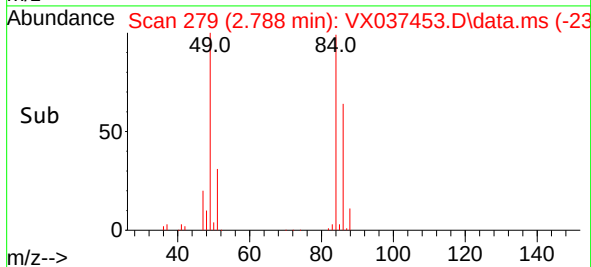
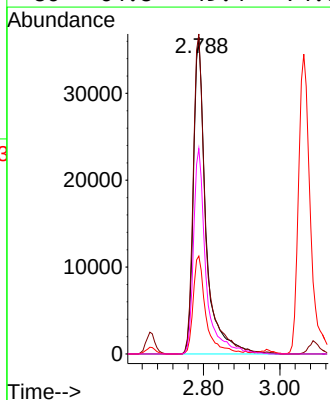
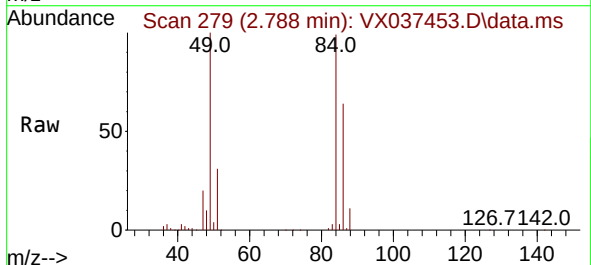
Manual Integrations
APPROVED

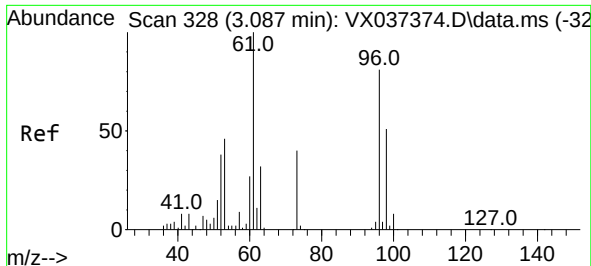
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#20
Methylene Chloride
Concen: 62.680 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

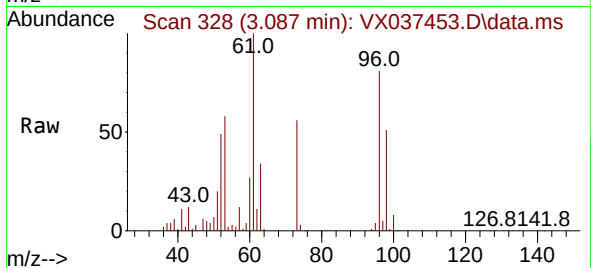
Tgt Ion: 84 Resp: 82998
Ion Ratio Lower Upper
84 100
49 101.0 103.6 155.4#
51 30.9 33.8 50.6#
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.139 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

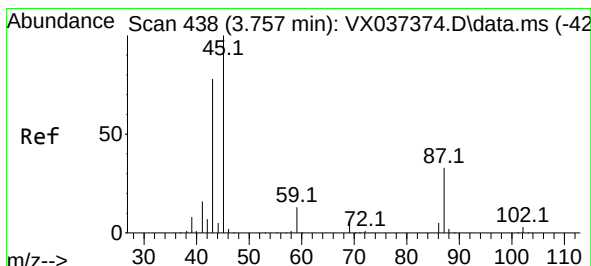
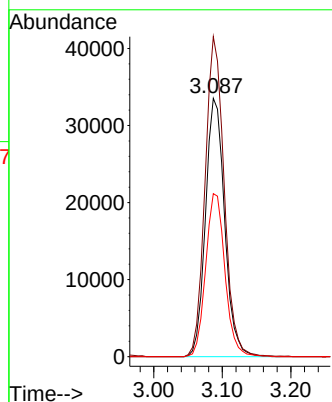
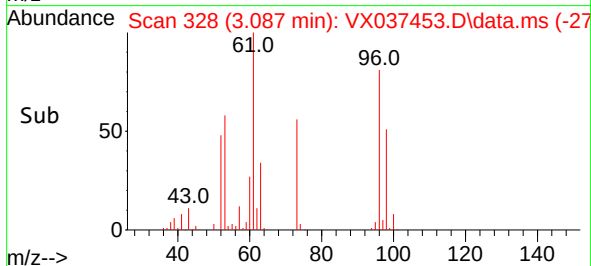
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



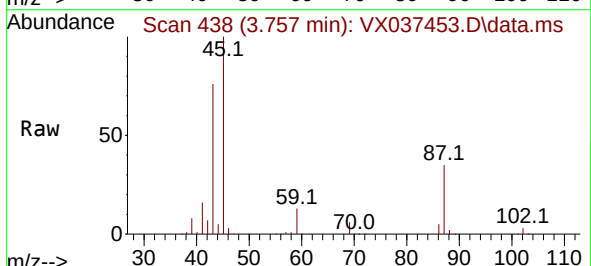
Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 123.8 119.2 178.8
98 63.1 48.7 73.1

Manual Integrations
APPROVED

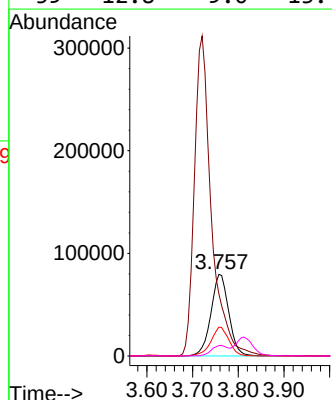
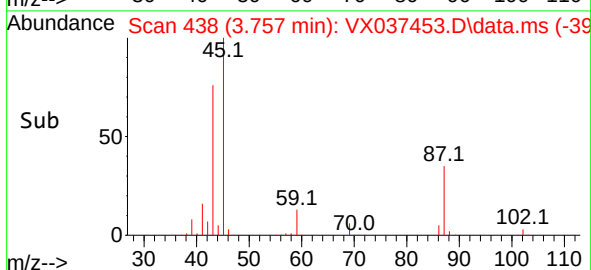
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

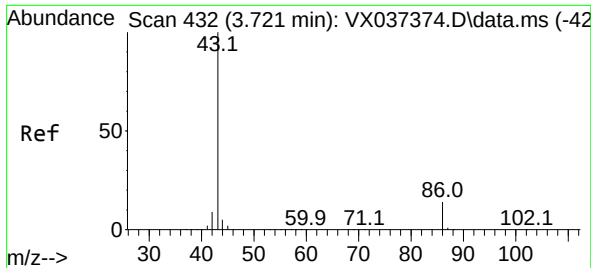


#22
Diisopropyl ether
Concen: 62.648 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



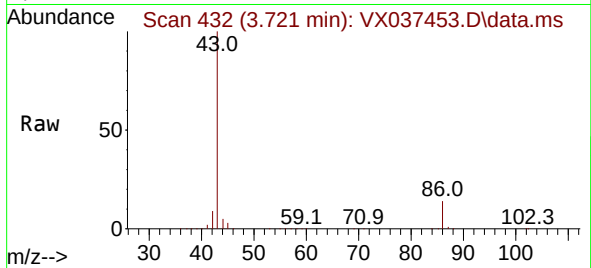
Tgt Ion: 45 Resp: 215042
Ion Ratio Lower Upper
45 100
43 75.5 69.7 104.5
87 35.3 20.8 31.2#
59 12.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 308.176 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21

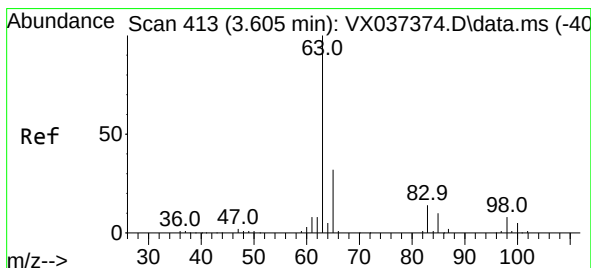
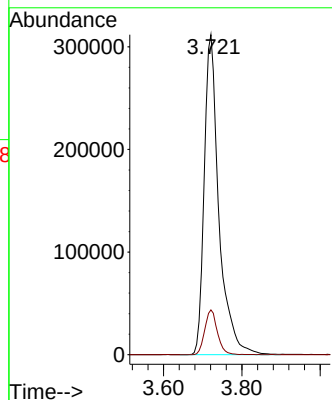
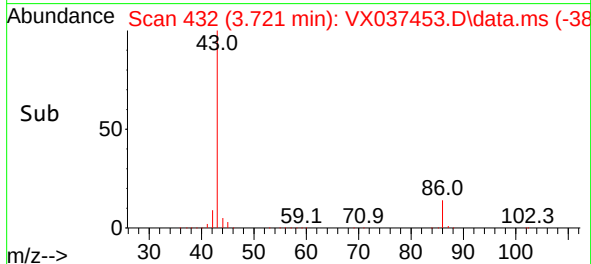
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



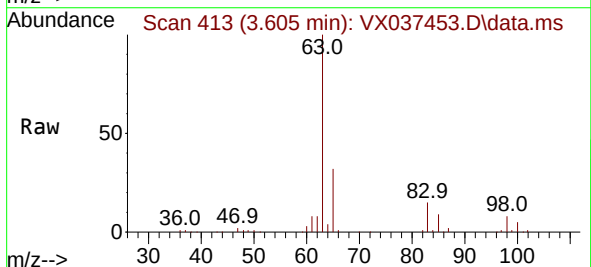
Tgt Ion: 43 Resp: 810628
 Ion Ratio Lower Upper
 43 100
 86 14.0 7.8 11.8

Manual Integrations
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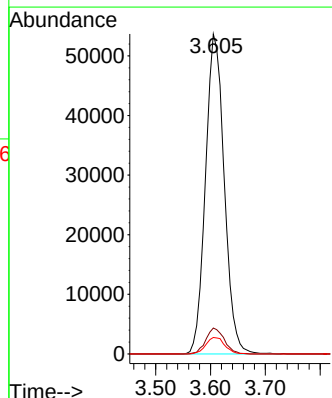
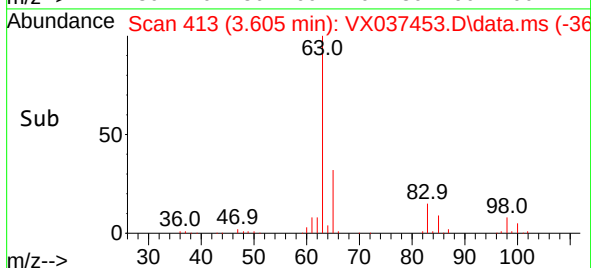
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

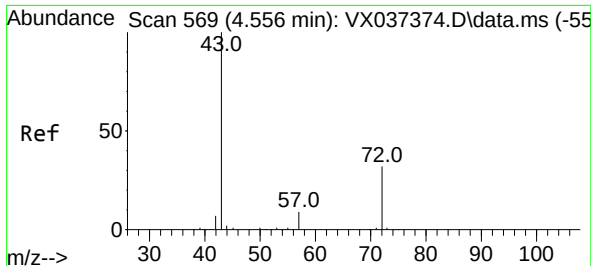


#24
 1,1-Dichloroethane
 Concen: 59.211 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21



Tgt Ion: 63 Resp: 127453
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 5.1 2.1 6.5





#25

2-Butanone

Concen: 304.690 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 27164

Ion Ratio Lower Upper

43 100

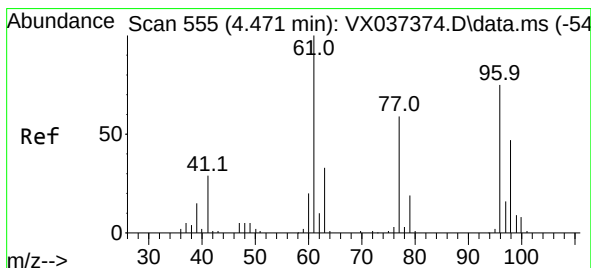
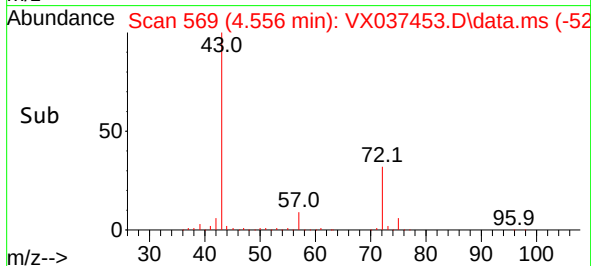
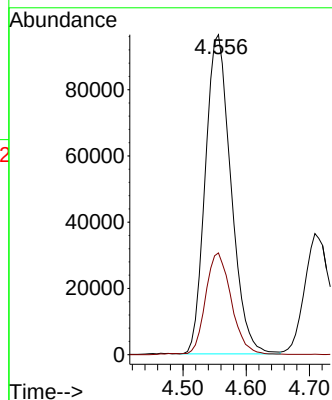
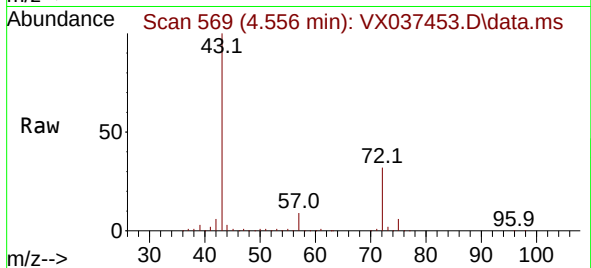
72 31.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#26

2,2-Dichloropropane

Concen: 37.418 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037453.D

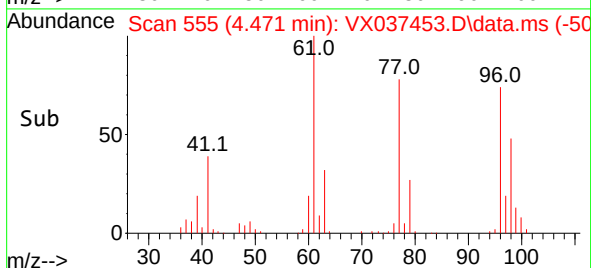
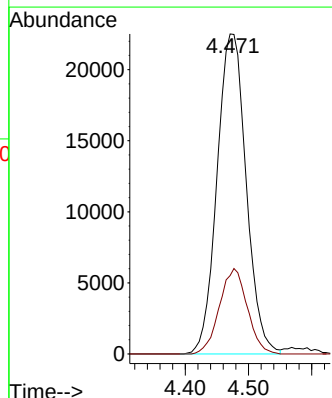
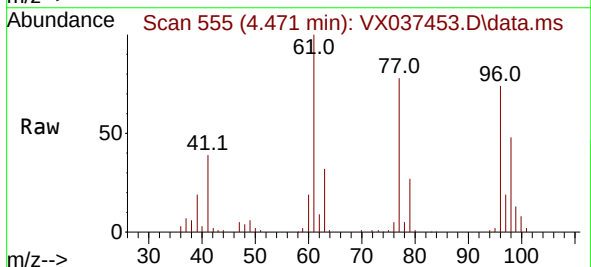
Acq: 01 Sep 2023 00:21

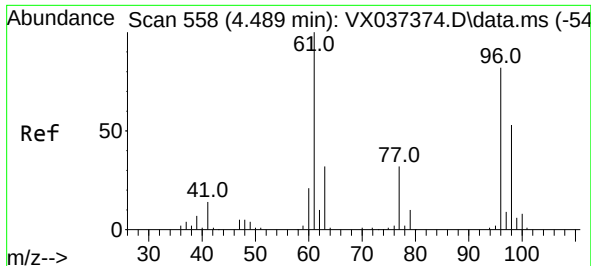
Tgt Ion: 77 Resp: 71931

Ion Ratio Lower Upper

77 100

97 25.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 59.488 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

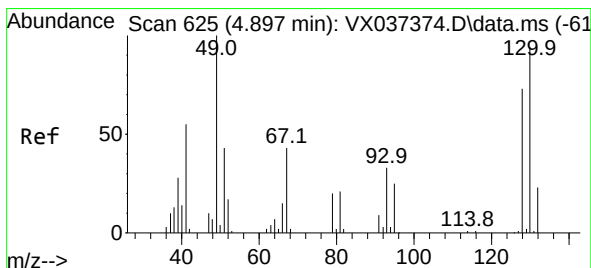
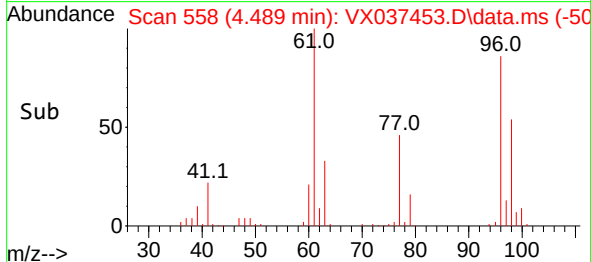
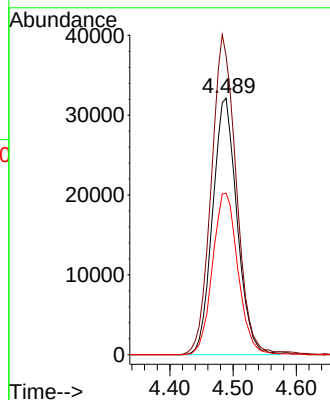
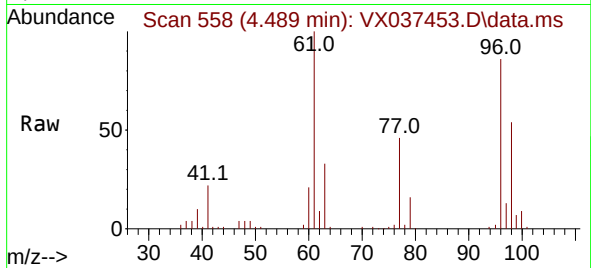
Tgt Ion: 96	Resp: 8615
Ion Ratio	Lower Upper
96 100	
61 127.9	0.0 312.2
98 65.7	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#28

Bromochloromethane

Concen: 61.563 ug/l

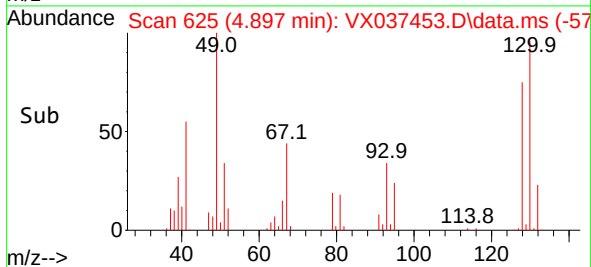
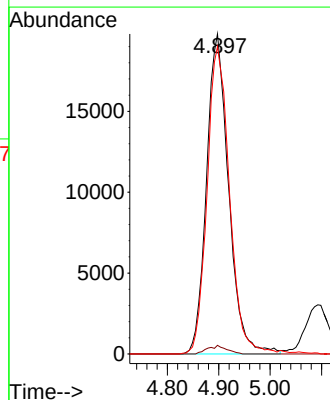
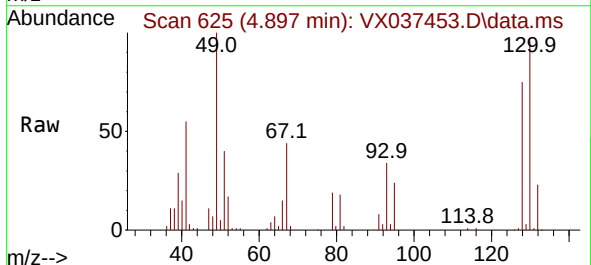
RT: 4.897 min Scan# 625

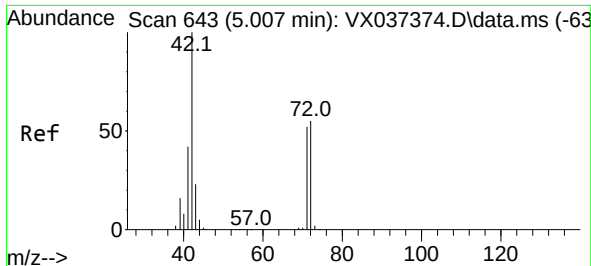
Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion: 49	Resp: 59197
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 3.8
130 97.2	57.5 86.3





#29

Tetrahydrofuran

Concen: 302.289 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17187

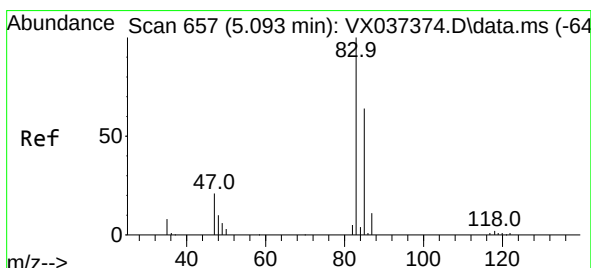
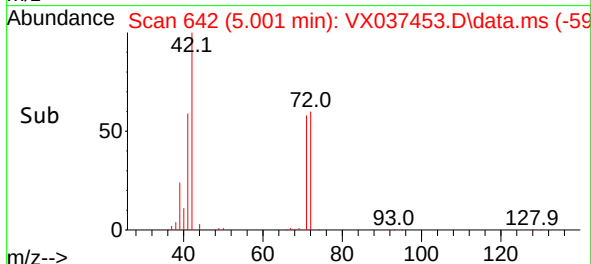
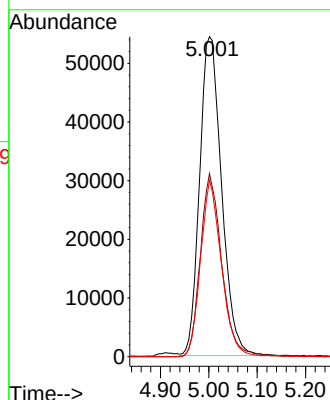
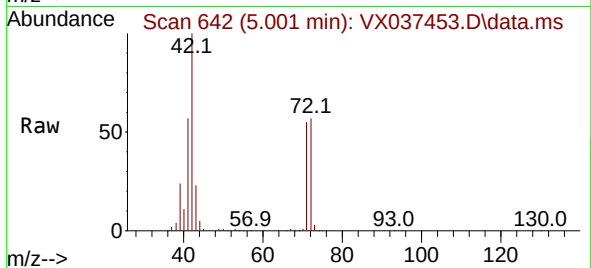
Ion	Ratio	Lower	Upper
42	100		
72	55.8	34.2	51.4
71	52.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#30

Chloroform

Concen: 58.307 ug/l

RT: 5.093 min Scan# 657

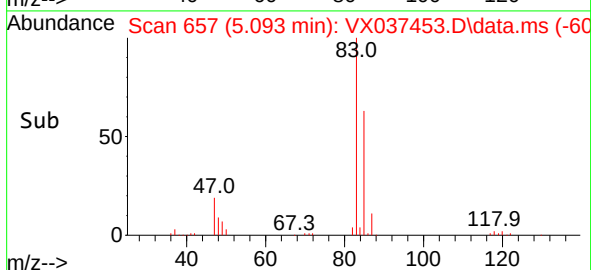
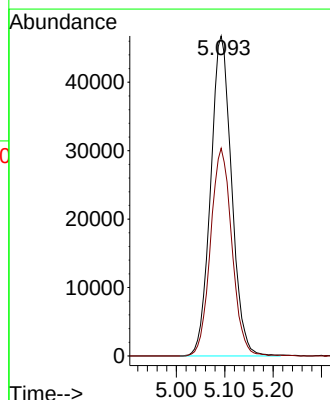
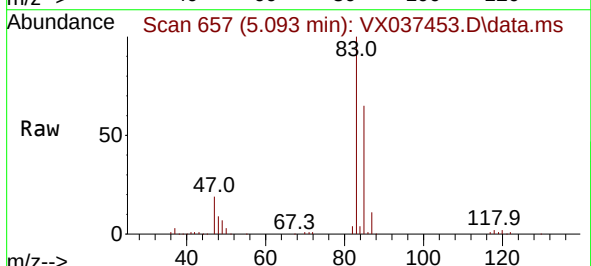
Delta R.T. 0.000 min

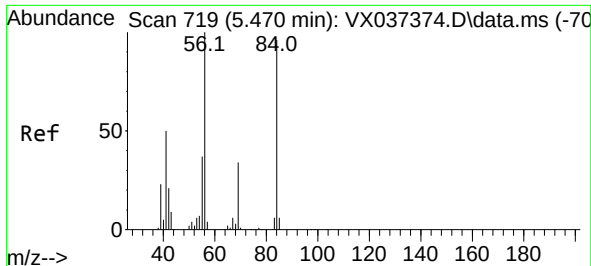
Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion: 83 Resp: 140890

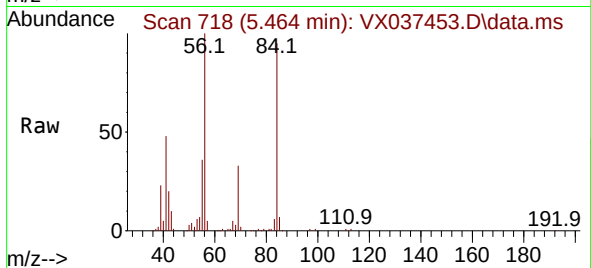
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.3	75.5





#31
Cyclohexane
Concen: 43.100 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

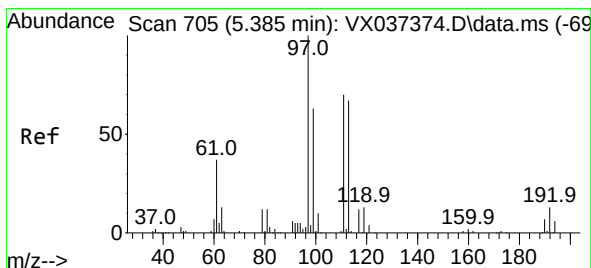
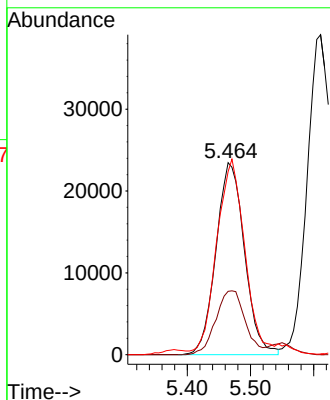
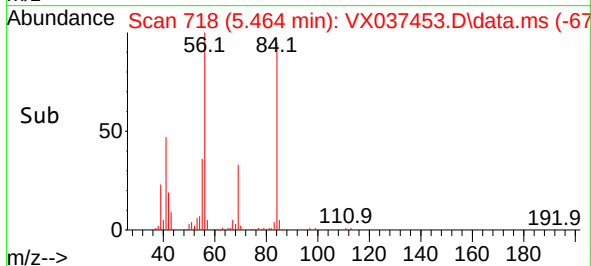
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 73350
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.2
84 93.0 65.9 98.9

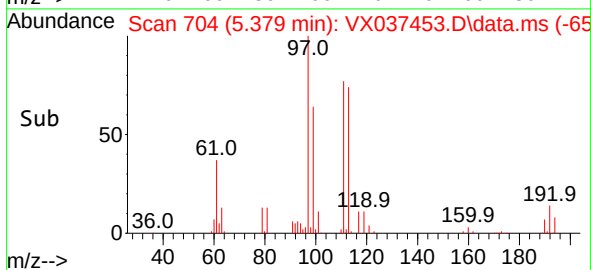
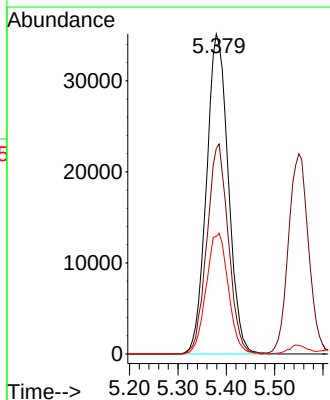
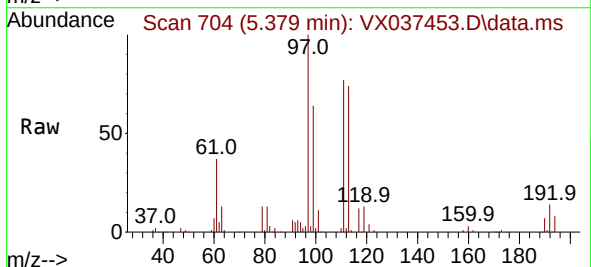
Manual Integrations
APPROVED

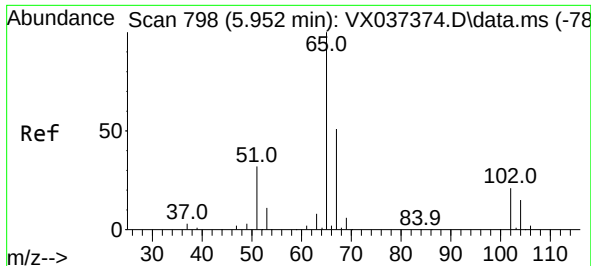
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#32
1,1,1-Trichloroethane
Concen: 50.796 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion: 97 Resp: 109991
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 38.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 59.533 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 90100

Ion Ratio Lower Upper

65 100

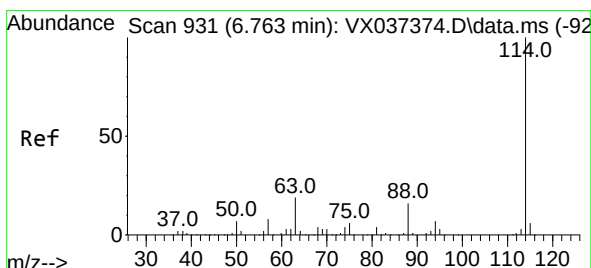
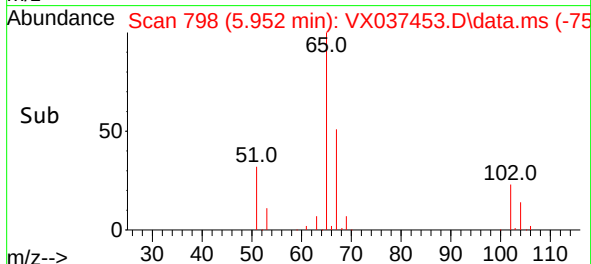
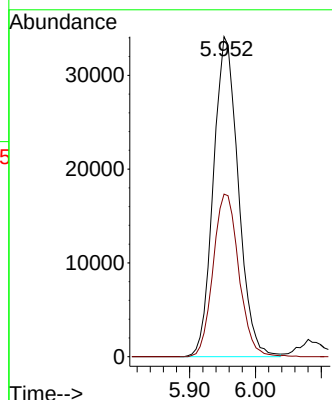
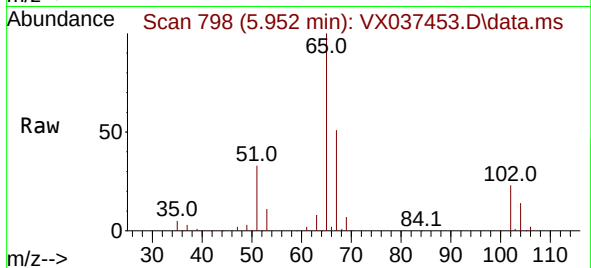
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

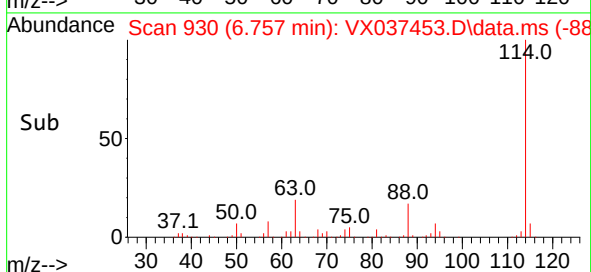
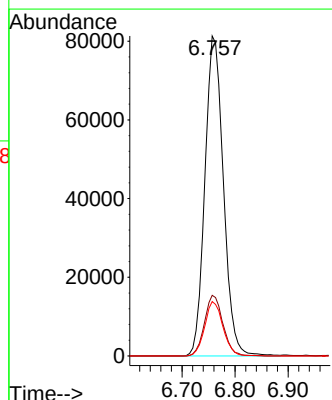
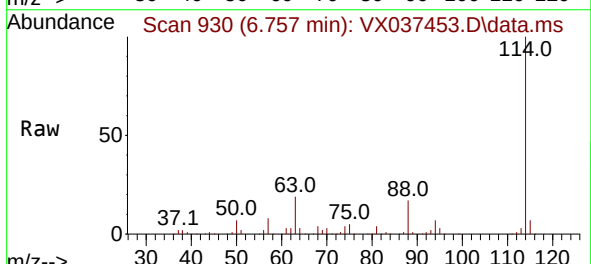
Tgt Ion:114 Resp: 197617

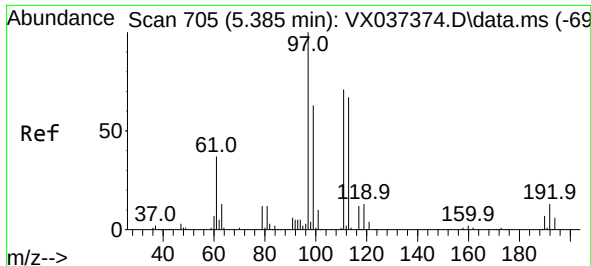
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

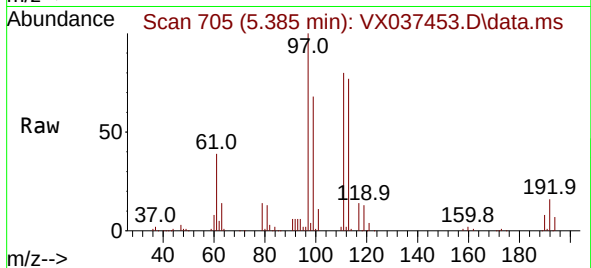
88 17.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 59.793 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

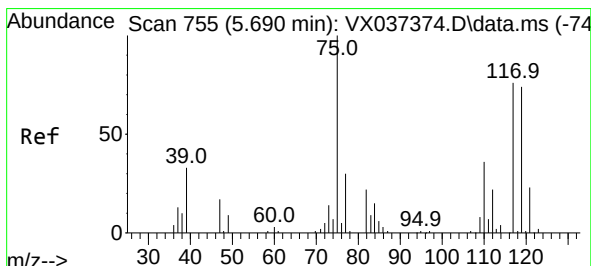
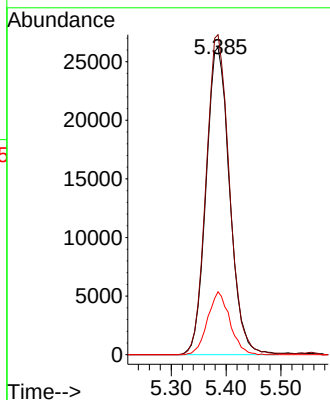
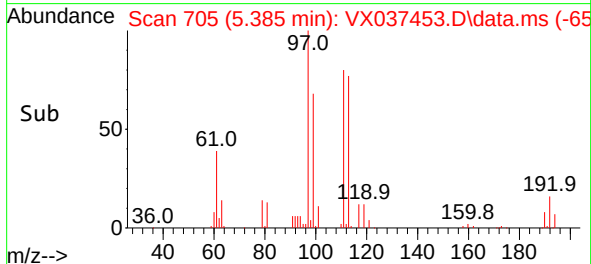
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



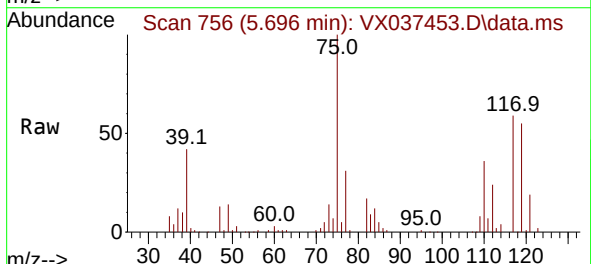
Tgt Ion: 113 Resp: 7825
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.4 13.3 19.9

Manual Integrations
APPROVED

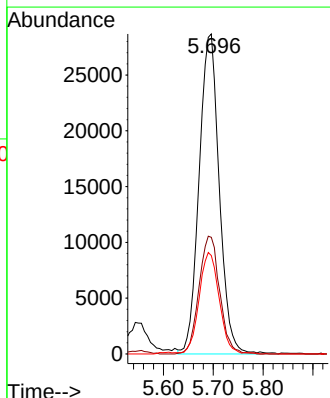
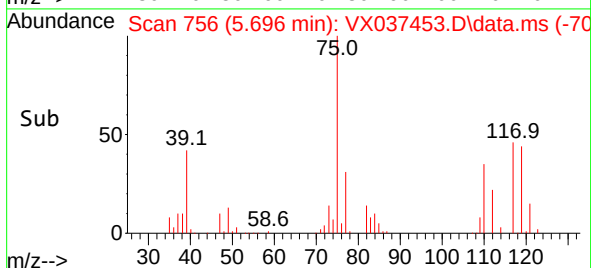
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

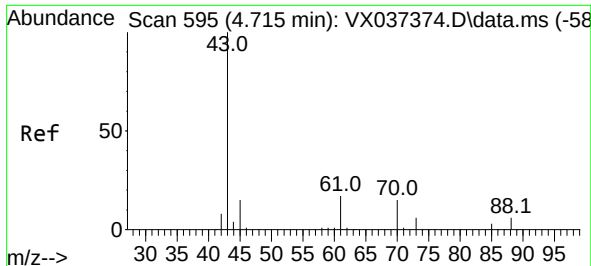


#36
1,1-Dichloropropene
Concen: 43.315 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



Tgt Ion: 75 Resp: 80540
Ion Ratio Lower Upper
75 100
110 37.7 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 55.692 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10578

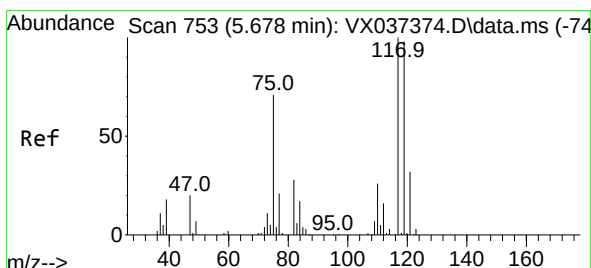
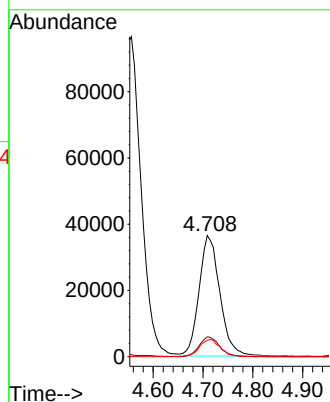
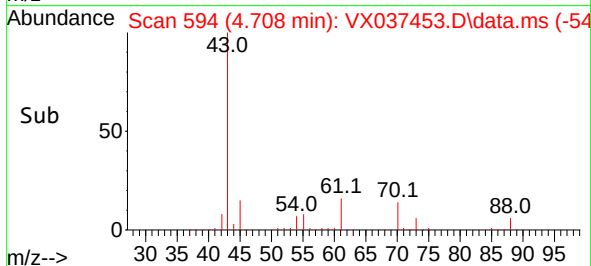
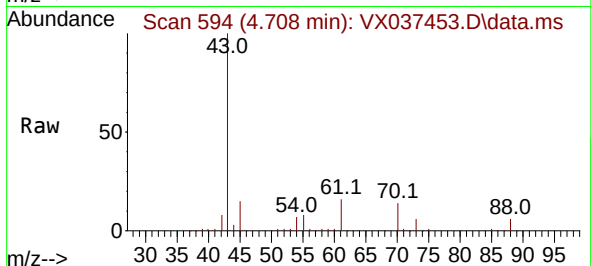
Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.6	16.0
70	14.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#38

Carbon Tetrachloride

Concen: 42.630 ug/l

RT: 5.678 min Scan# 753

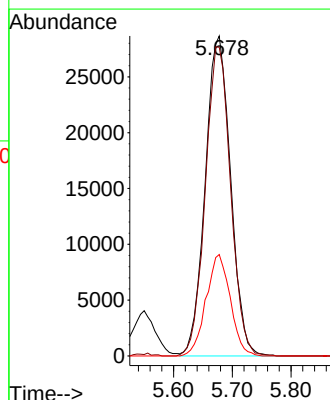
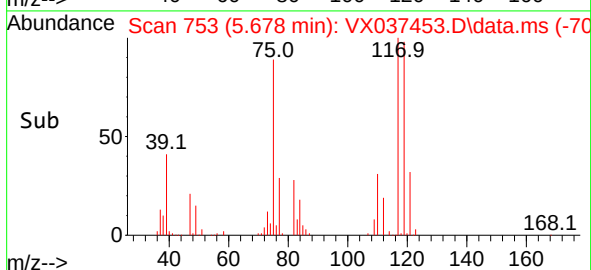
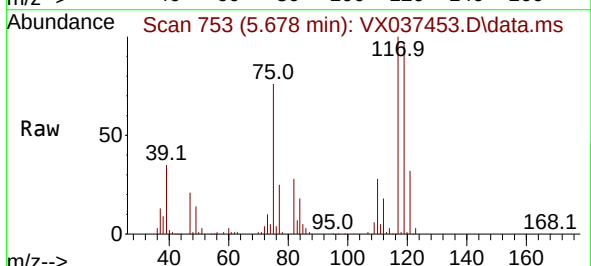
Delta R.T. 0.006 min

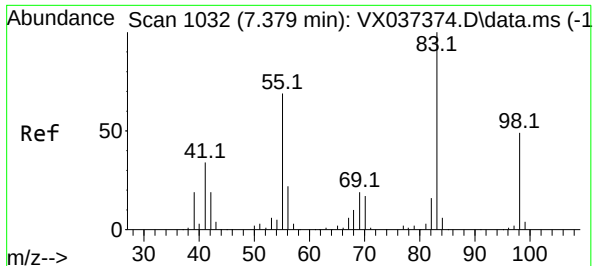
Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion:117 Resp: 86105

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	117.2
121	31.7	24.4	36.6





#39

Methylcyclohexane

Concen: 42.836 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

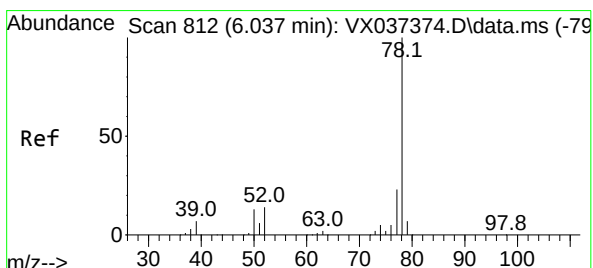
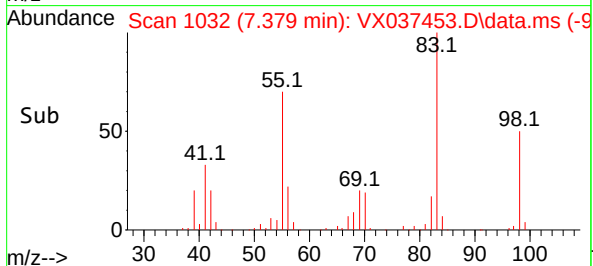
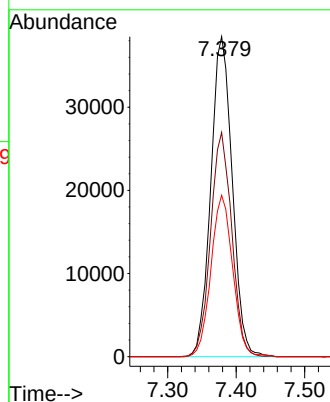
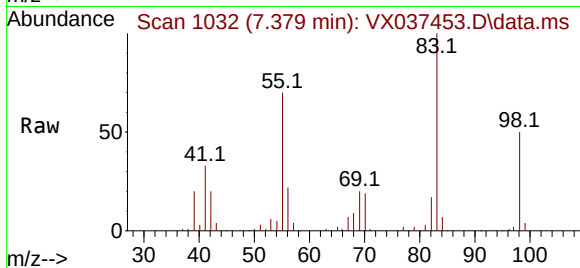
Tgt Ion: 83	Resp: 8368
Ion Ratio	Lower Upper
83 100	
55 70.1	64.6 97.0
98 50.5	36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#40

Benzene

Concen: 55.958 ug/l

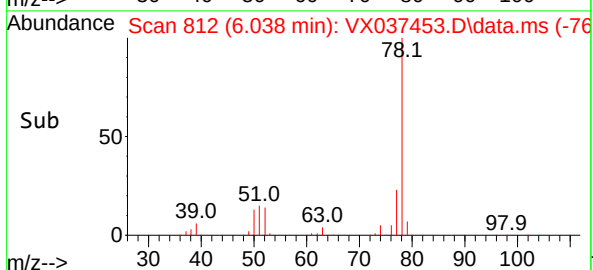
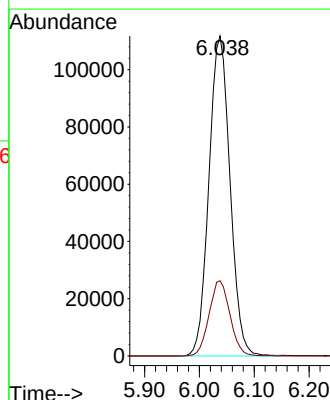
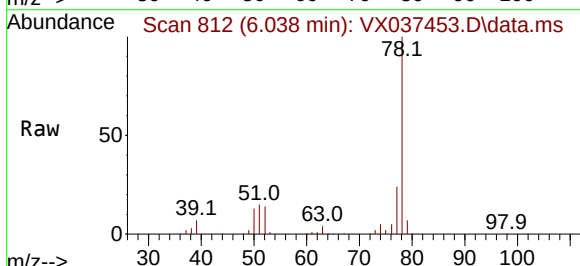
RT: 6.038 min Scan# 812

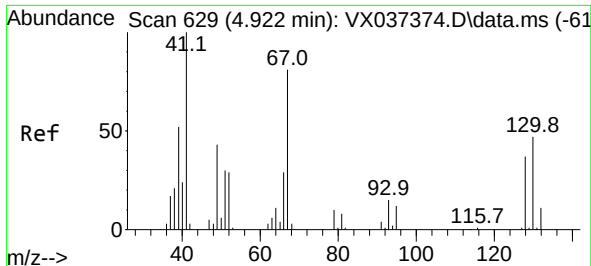
Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion: 78	Resp: 298410
Ion Ratio	Lower Upper
78 100	
77 23.5	19.3 28.9





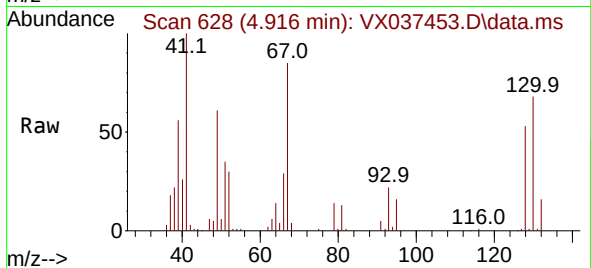
#41
Methacrylonitrile
Concen: 57.422 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



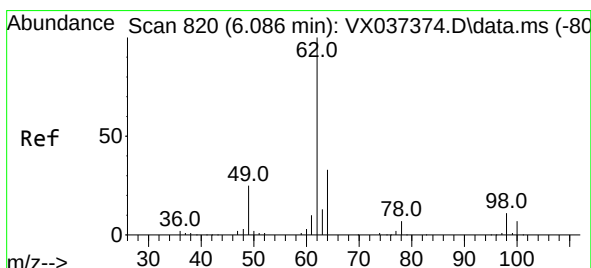
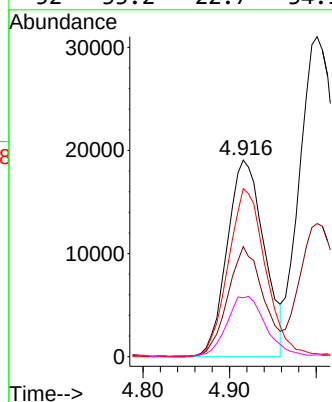
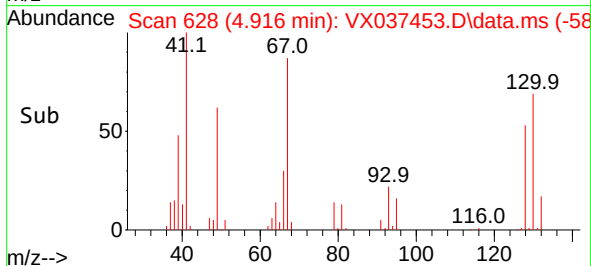
Tgt Ion: 41 Resp: 5669
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 87.3 52.6 78.8
52 33.2 22.7 34.1

Manual Integrations

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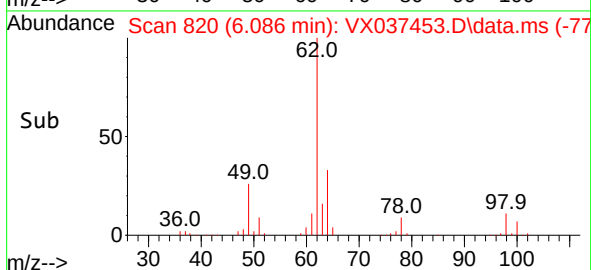
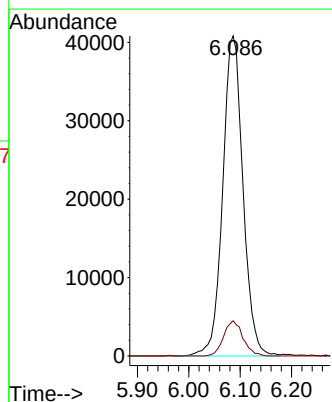
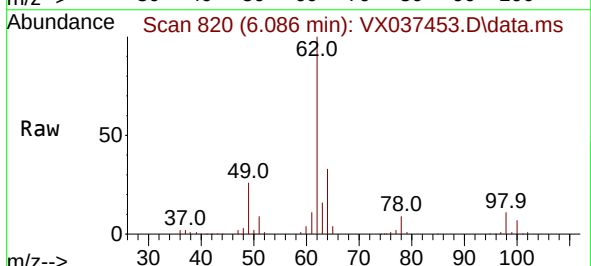
Reviewed By :John Carlone 09/01/2023

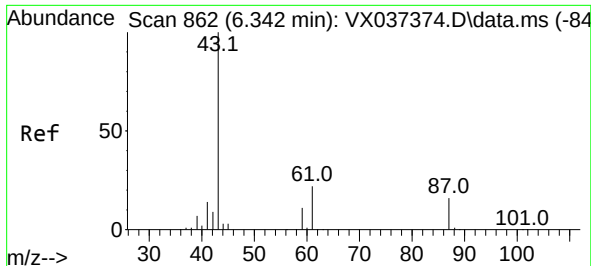
Supervised By :Mahesh Dadoda 09/01/2023



#42
1,2-Dichloroethane
Concen: 53.481 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion: 62 Resp: 111844
Ion Ratio Lower Upper
62 100
98 10.5 0.0 16.0





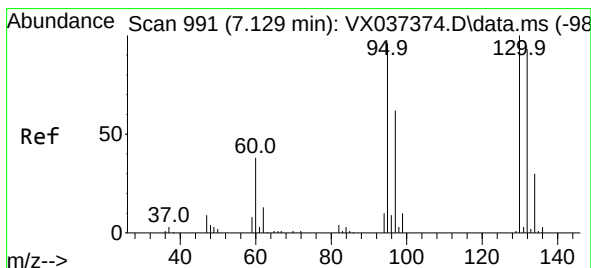
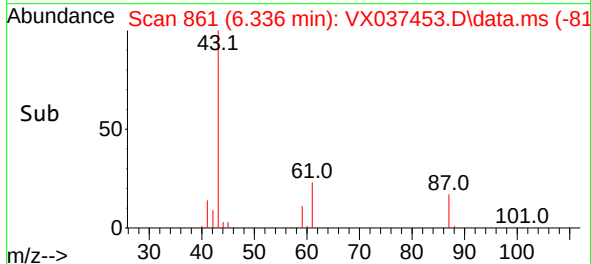
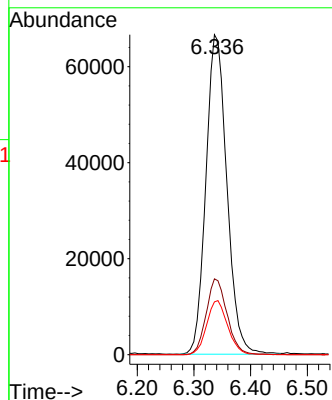
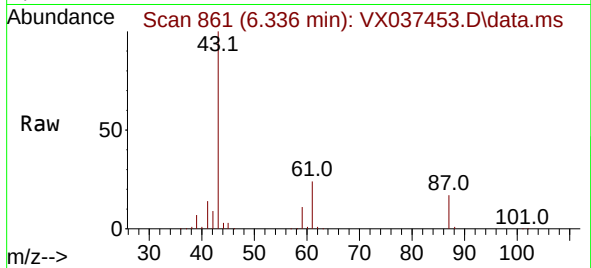
#43
Isopropyl Acetate
Concen: 56.838 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17139
Ion Ratio Lower Upper
43 100
61 23.6 15.2 22.8
87 17.0 9.8 14.6

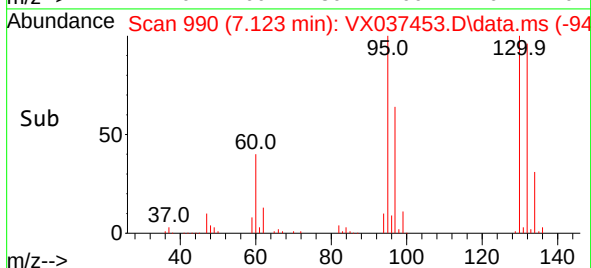
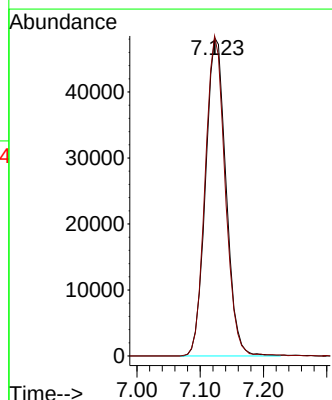
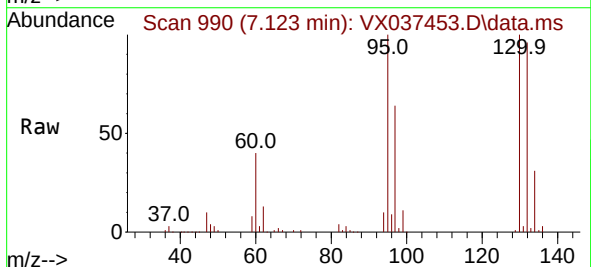
Manual Integrations
APPROVED

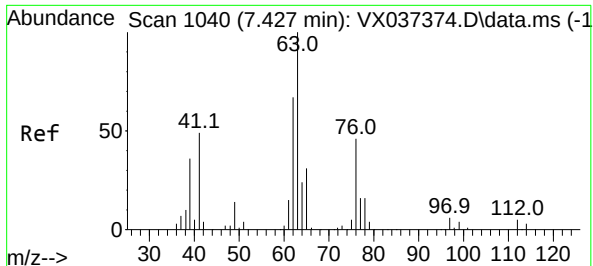
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#44
Trichloroethene
Concen: 71.571 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion:130 Resp: 108226
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 58.074 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 76362

Ion Ratio Lower Upper

63 100

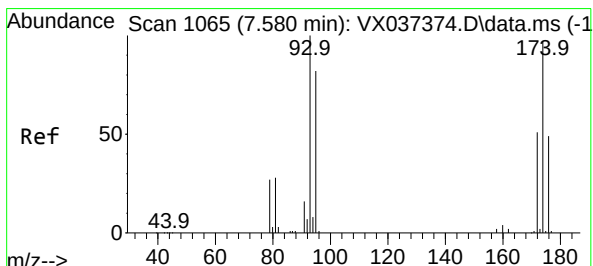
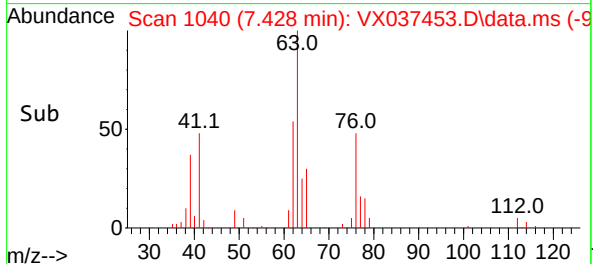
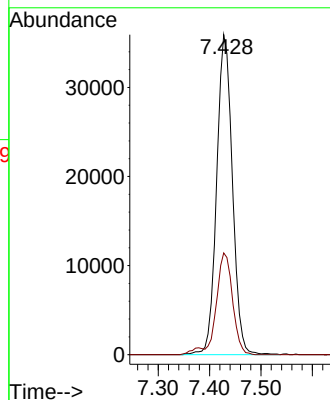
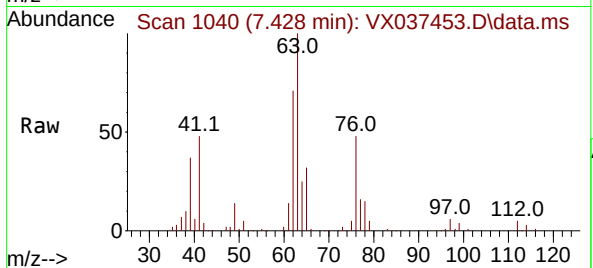
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Dibromomethane

Concen: 57.201 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

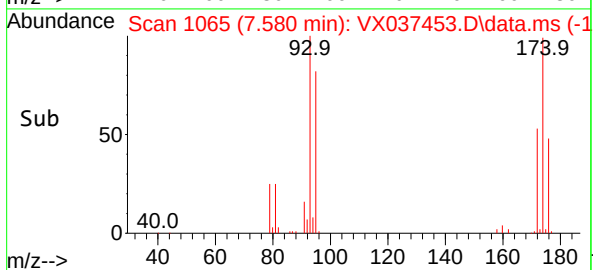
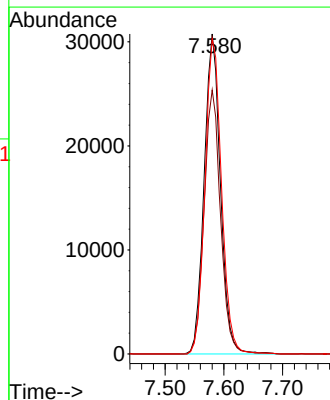
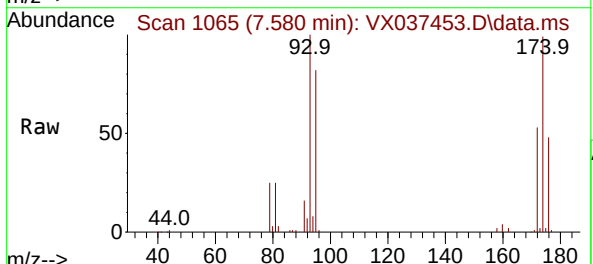
Tgt Ion: 93 Resp: 59252

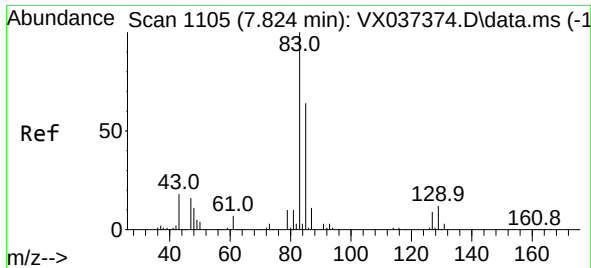
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

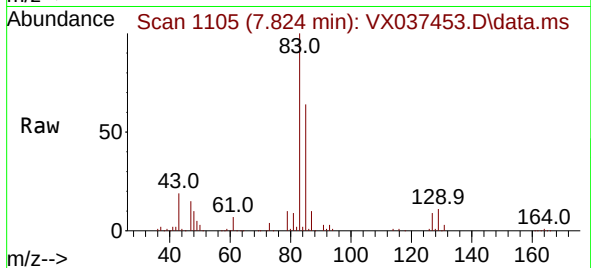
174 100.0 69.4 104.0





#47
Bromodichloromethane
Concen: 54.872 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

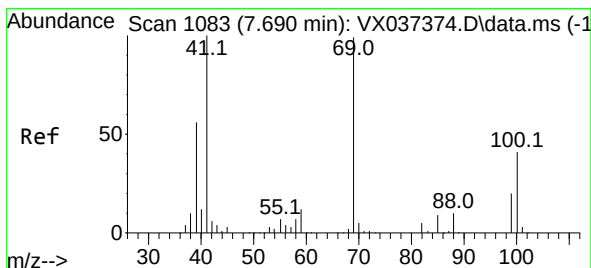
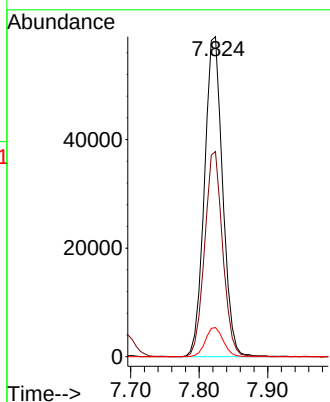
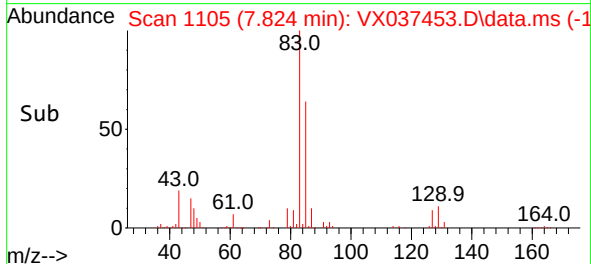
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 108870
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.1 7.1 10.7

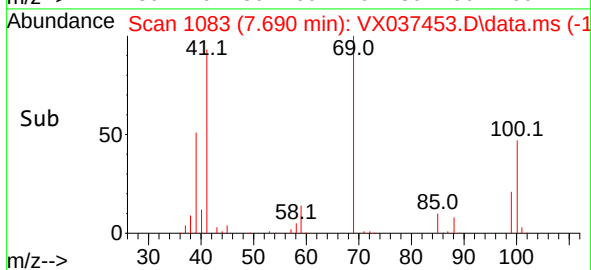
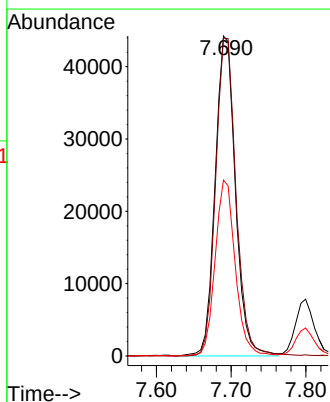
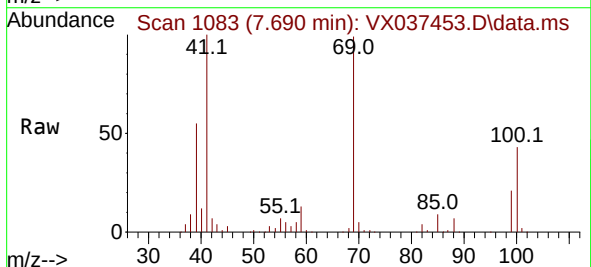
Manual Integrations
APPROVED

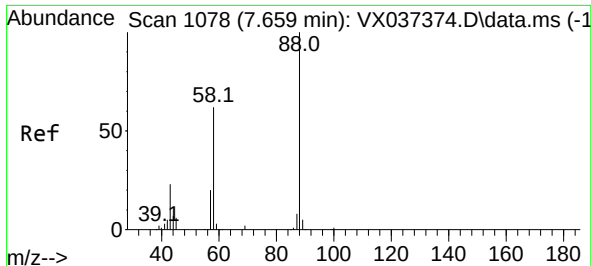
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#48
Methyl methacrylate
Concen: 56.821 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion: 41 Resp: 83562
Ion Ratio Lower Upper
41 100
69 99.9 59.2 88.8#
39 54.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1181.209 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

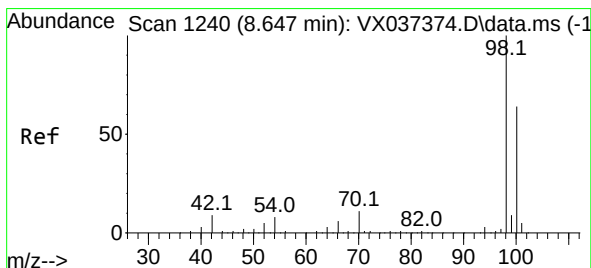
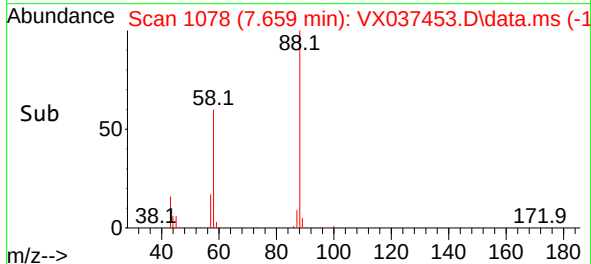
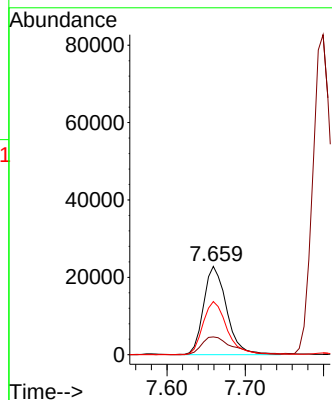
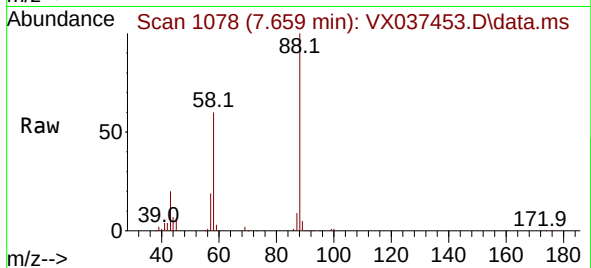
Tgt Ion: 88 Resp: 46783
 Ion Ratio Lower Upper
 88 100
 43 27.2 0.0 0.0
 58 63.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#50

Toluene-d8

Concen: 52.608 ug/l

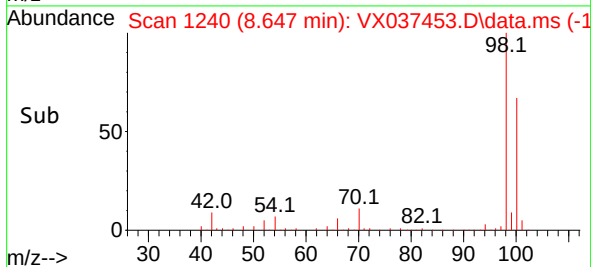
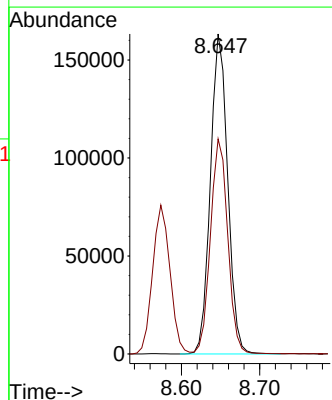
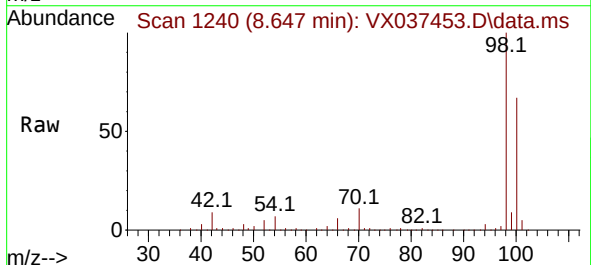
RT: 8.647 min Scan# 1240

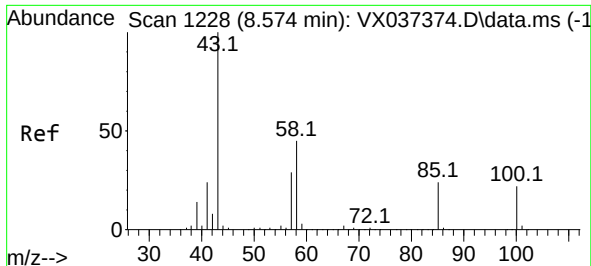
Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

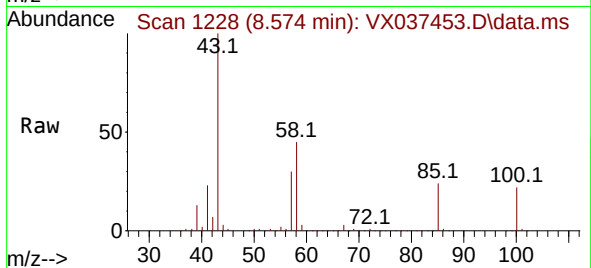
Tgt Ion: 98 Resp: 249753
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 297.446 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

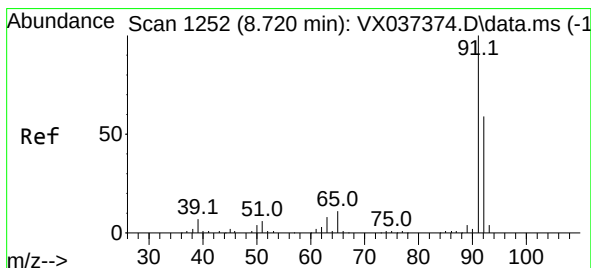
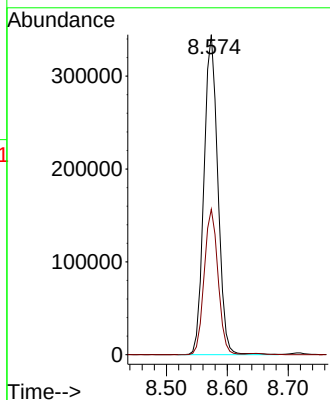
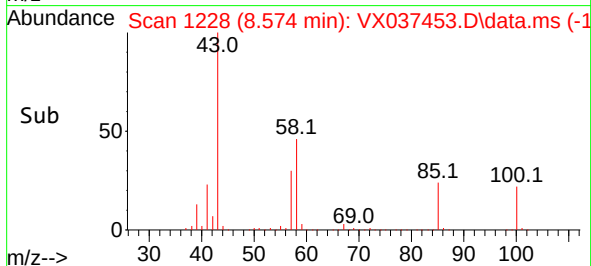
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



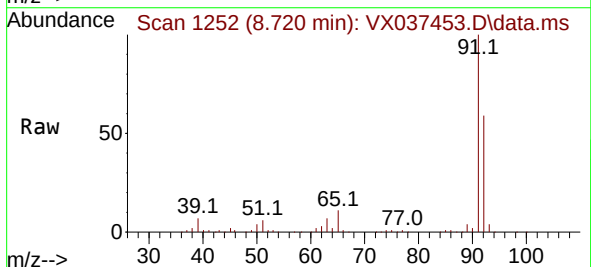
Tgt Ion: 43 Resp: 54465
Ion Ratio Lower Upper
43 100
58 45.3 30.4 45.6

Manual Integrations
APPROVED

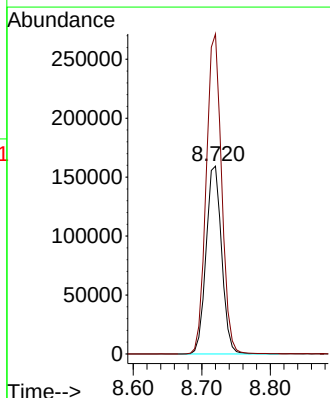
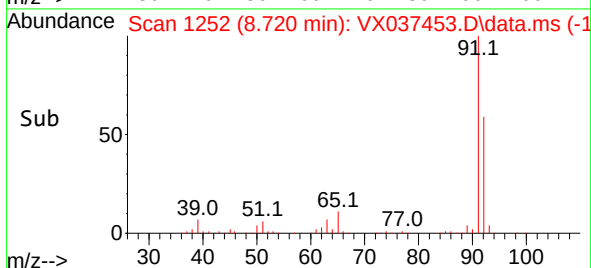
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

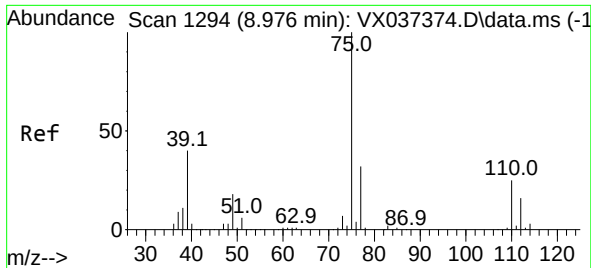


#52
Toluene
Concen: 71.518 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



Tgt Ion: 92 Resp: 251992
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 52.945 ug/l
 RT: 8.976 min Scan# 1184
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

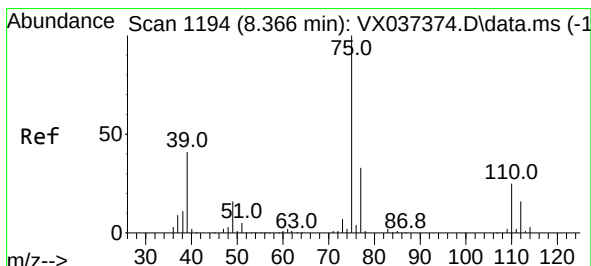
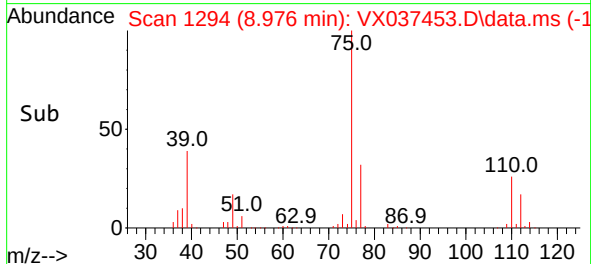
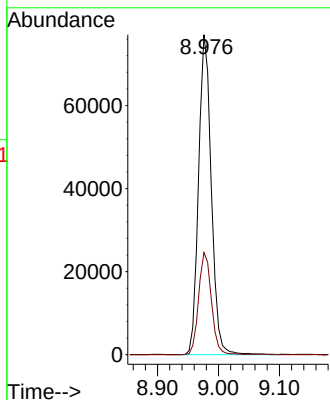
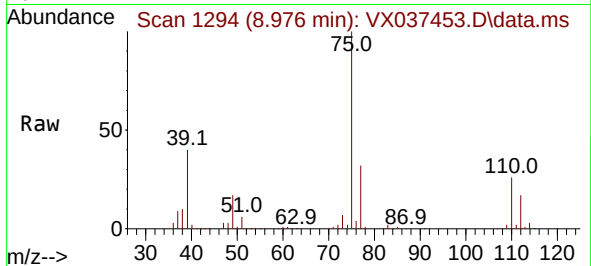
VSTDCCC050EC

Tgt Ion: 75 Resp: 11184
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5

Manual Integrations

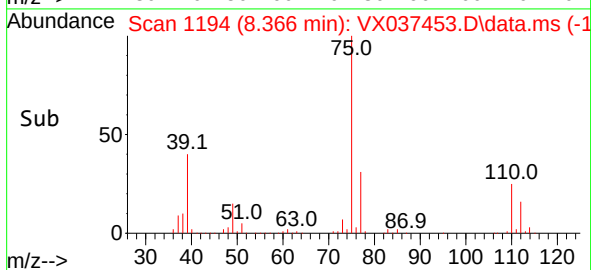
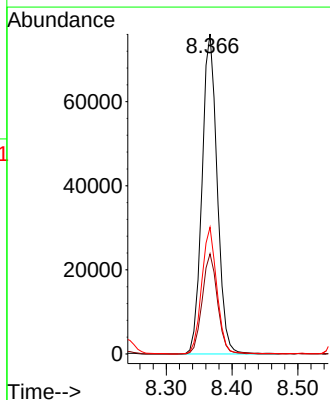
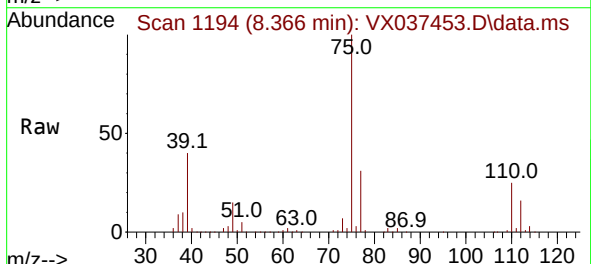
APPROVED

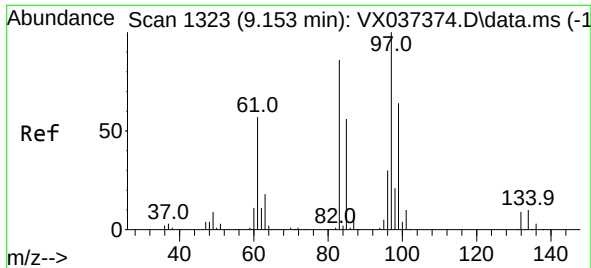
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.469 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21

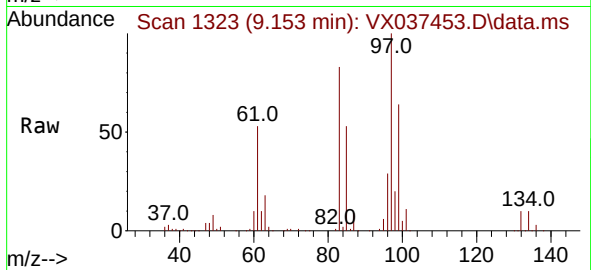
Tgt Ion: 75 Resp: 122065
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 39.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 60.698 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

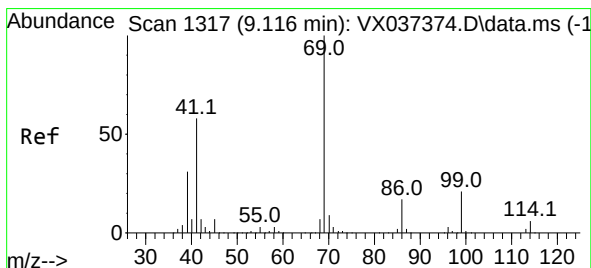
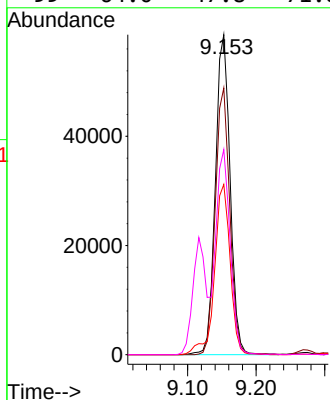
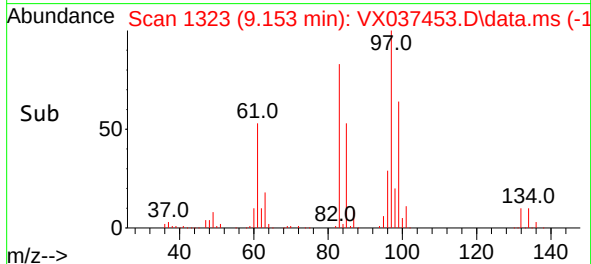
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



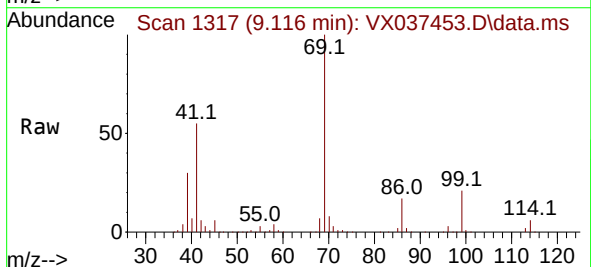
Tgt Ion:	97	Resp:	8708
Ion Ratio	100	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	53.2	41.6	62.4
99	64.0	47.8	71.8

Manual Integrations
APPROVED

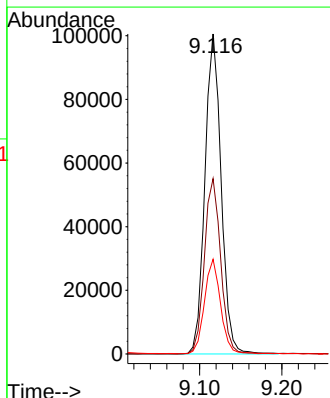
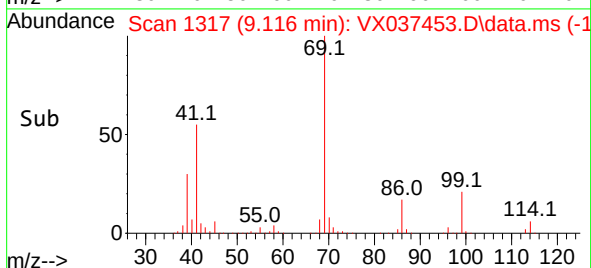
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

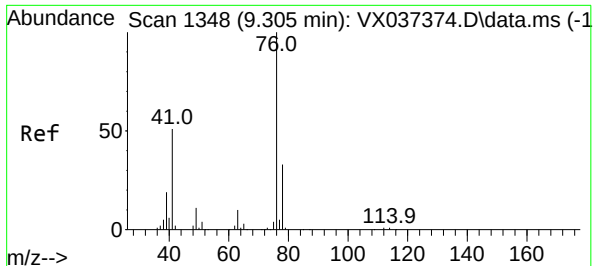


#56
Ethyl methacrylate
Concen: 61.395 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



Tgt Ion:	69	Resp:	137974
Ion Ratio	100	Lower	Upper
69	100		
41	54.9	56.8	85.2#
39	29.3	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 58.712 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 142004

Ion Ratio Lower Upper

76 100

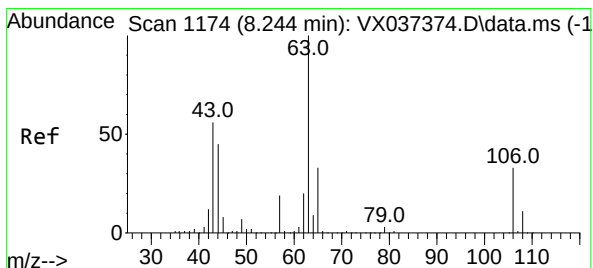
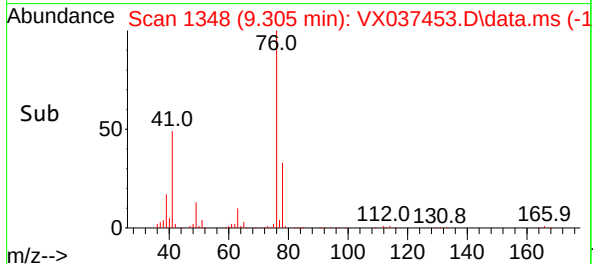
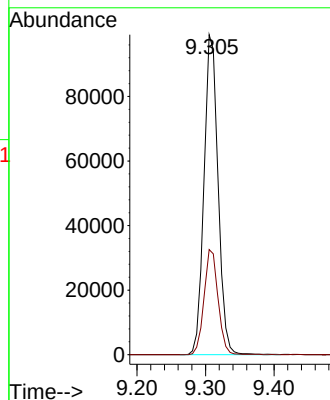
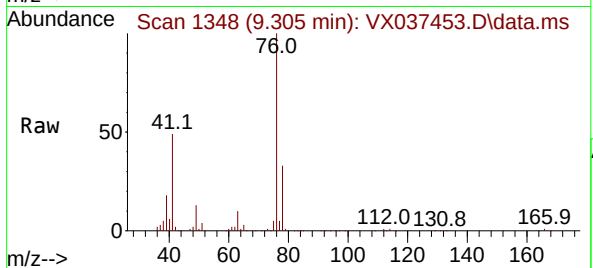
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 284.559 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037453.D

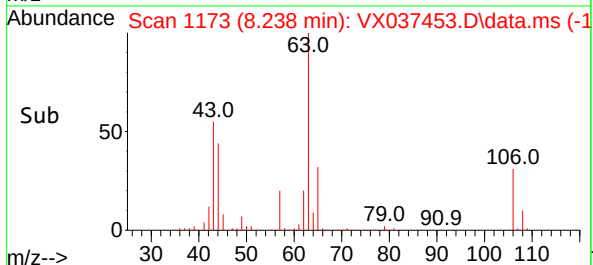
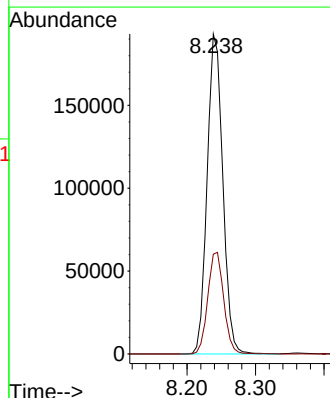
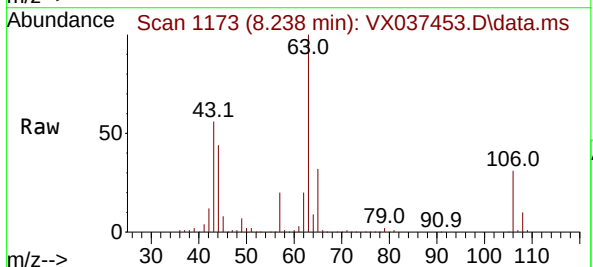
Acq: 01 Sep 2023 00:21

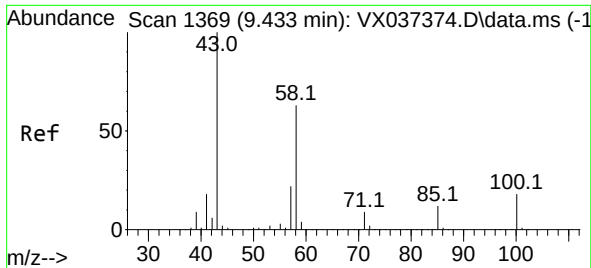
Tgt Ion: 63 Resp: 306890

Ion Ratio Lower Upper

63 100

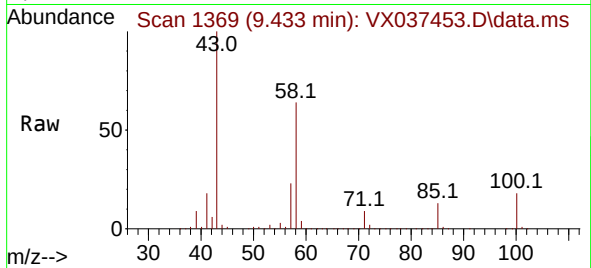
106 32.3 22.5 33.7





#59
2-Hexanone
Concen: 300.484 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

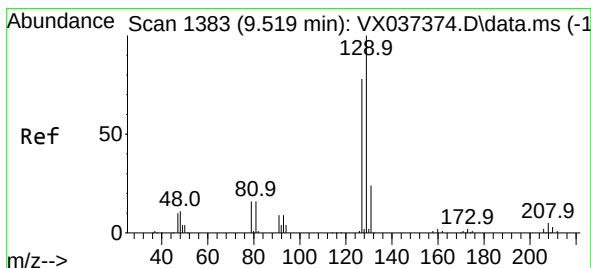
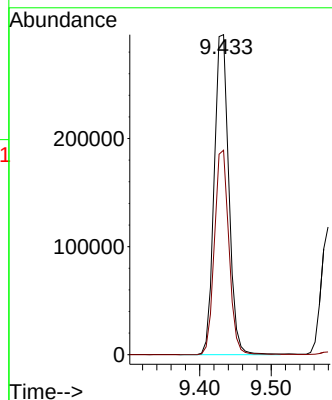
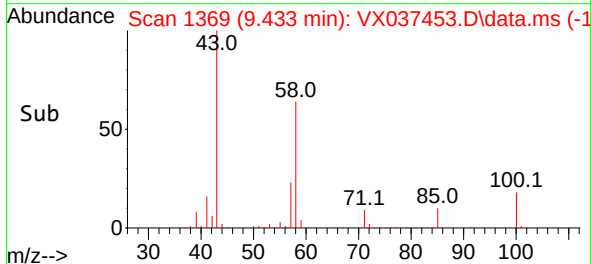
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 419528
Ion Ratio Lower Upper
43 100
58 63.5 26.2 78.5

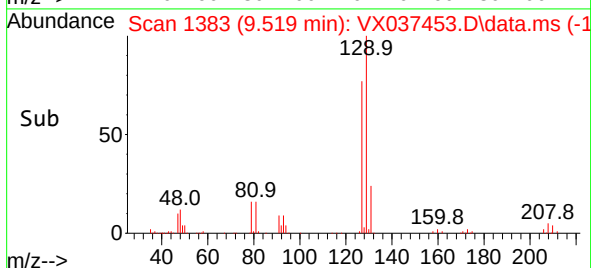
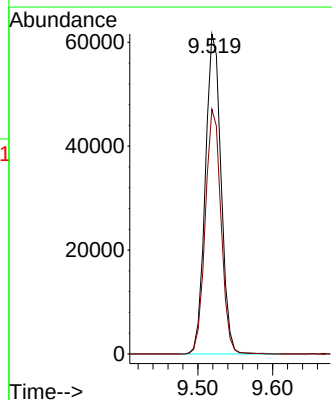
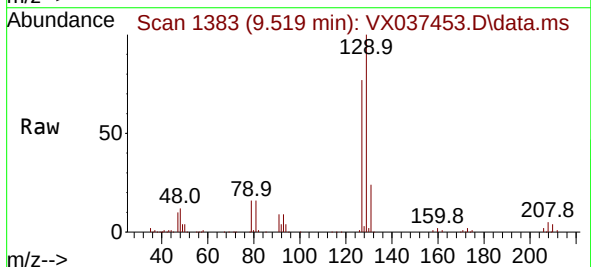
Manual Integrations
APPROVED

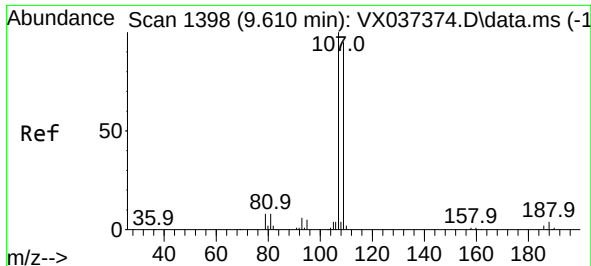
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#60
Dibromochloromethane
Concen: 58.766 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

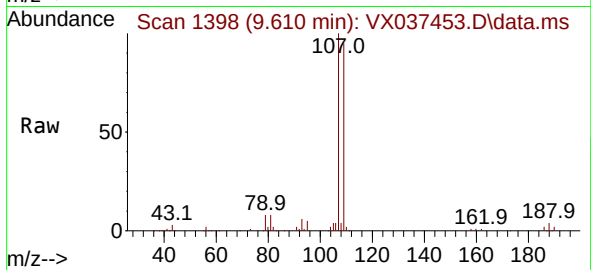
Tgt Ion:129 Resp: 89769
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.901 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

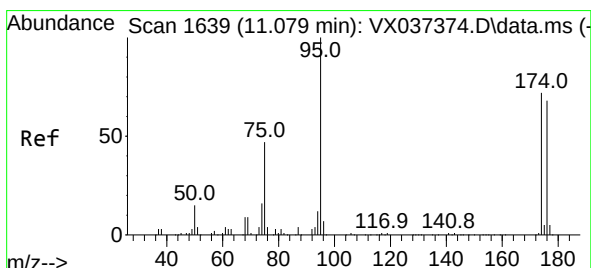
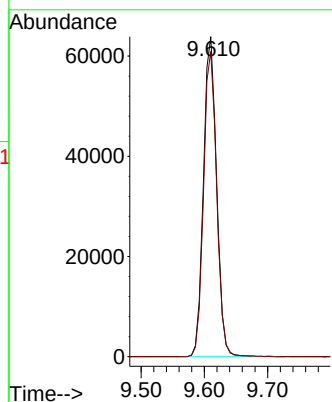
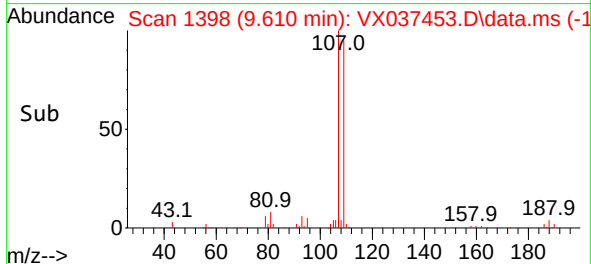
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



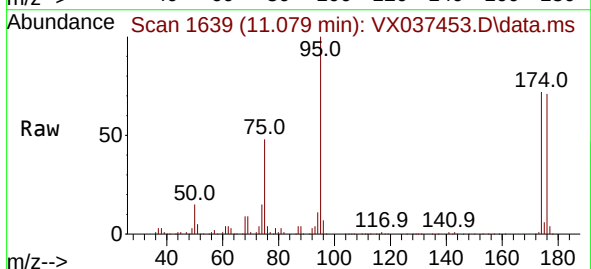
Tgt Ion:107 Resp: 9252
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations
APPROVED

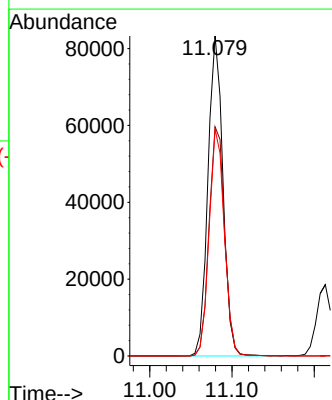
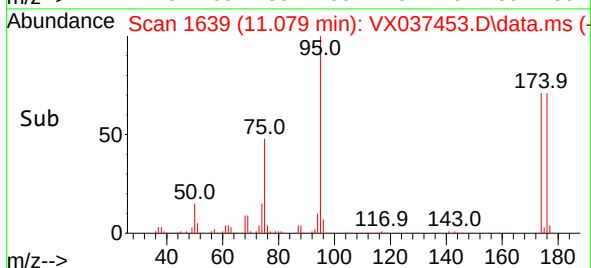
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

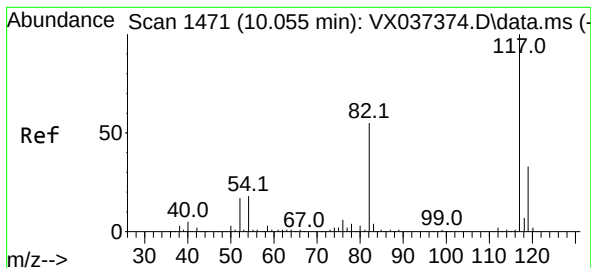


#62
4-Bromofluorobenzene
Concen: 56.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



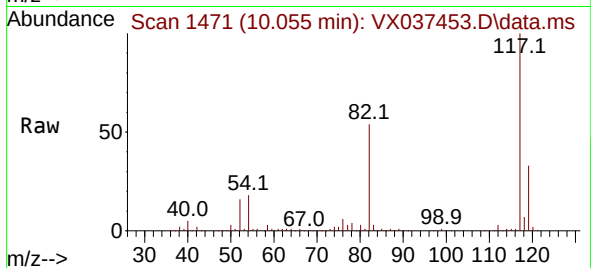
Tgt Ion: 95 Resp: 105201
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

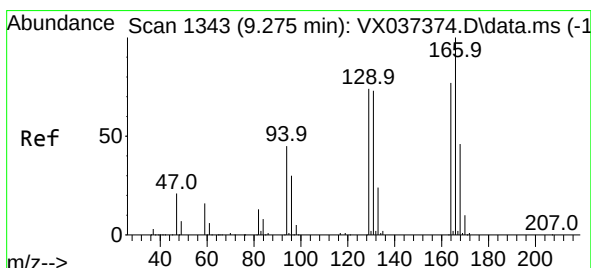
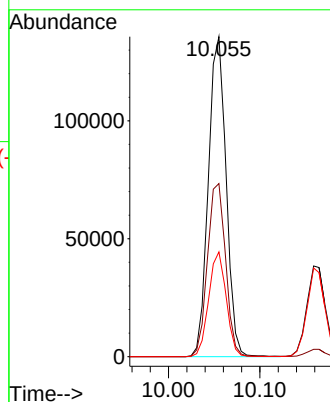
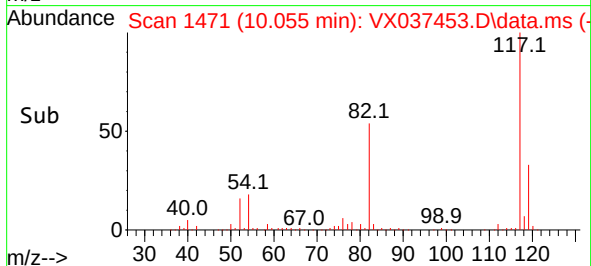
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 182868
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.7 25.5 38.3

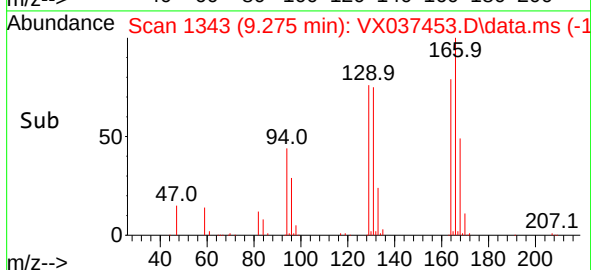
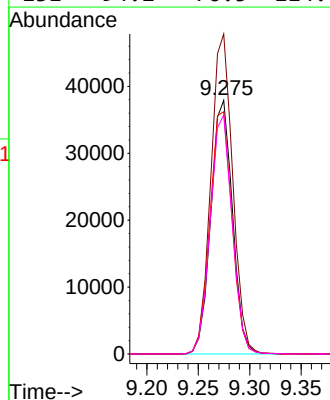
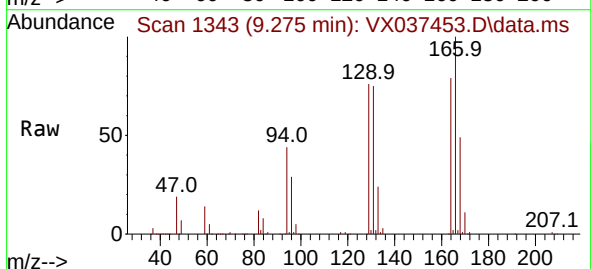
Manual Integrations
APPROVED

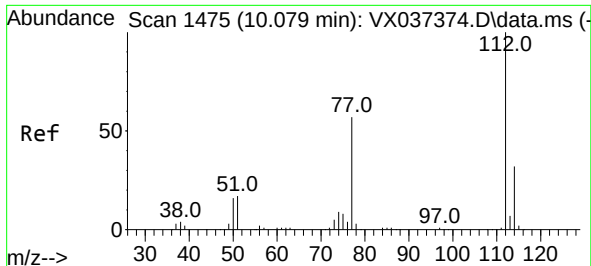
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#64
Tetrachloroethene
Concen: 41.601 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

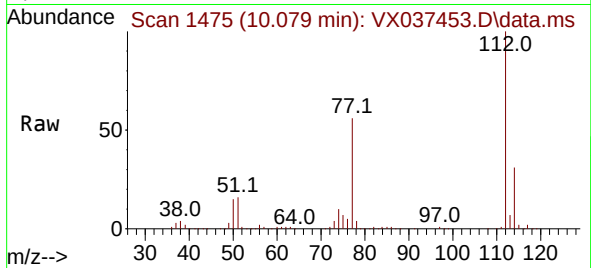
Tgt Ion:164 Resp: 55498
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 95.5 80.4 120.6
131 94.2 76.5 114.7





#65
Chlorobenzene
Concen: 51.728 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

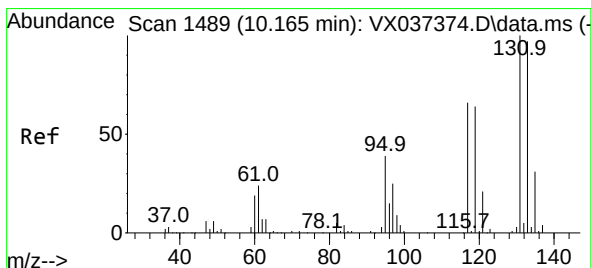
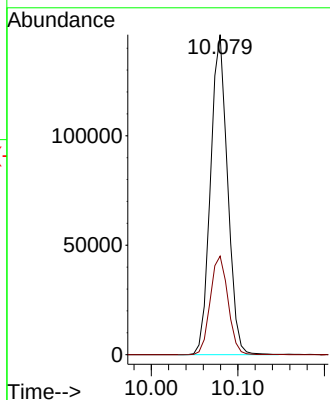
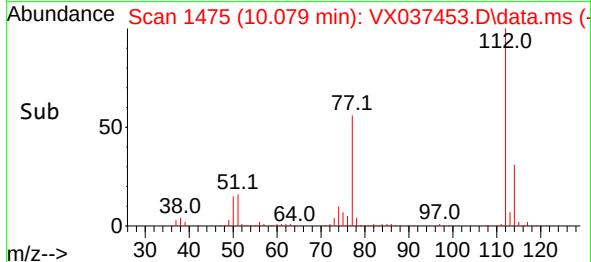
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 199928
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5

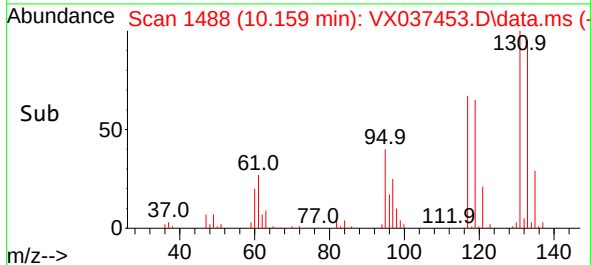
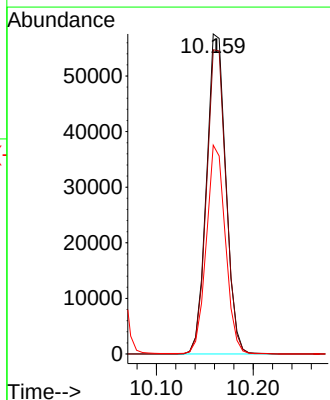
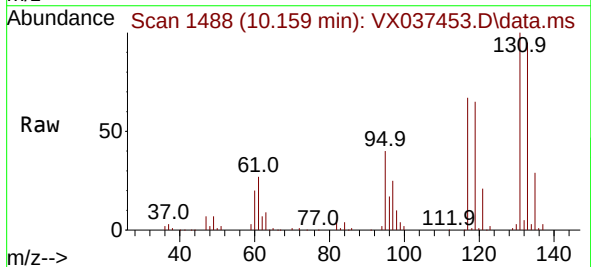
Manual Integrations
APPROVED

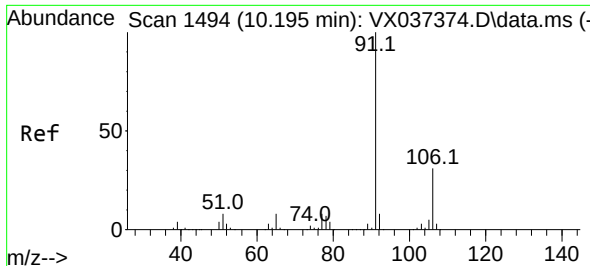
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 56.270 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion:131 Resp: 80267
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 64.3 32.2 96.6





#67

Ethyl Benzene

Concen: 52.993 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 36040

Ion Ratio Lower Upper

91 100

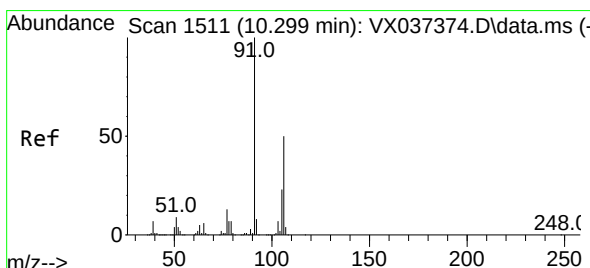
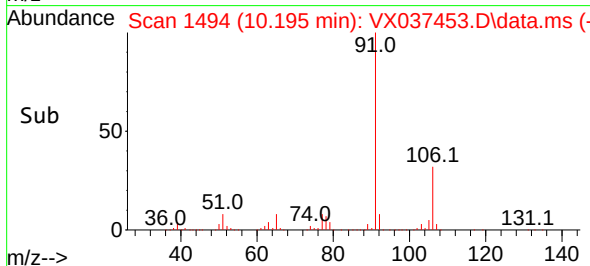
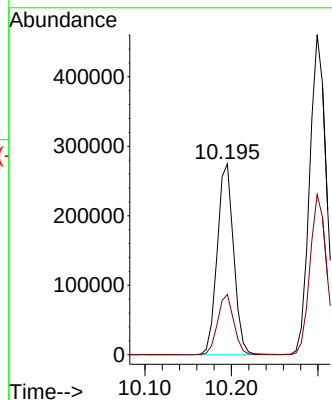
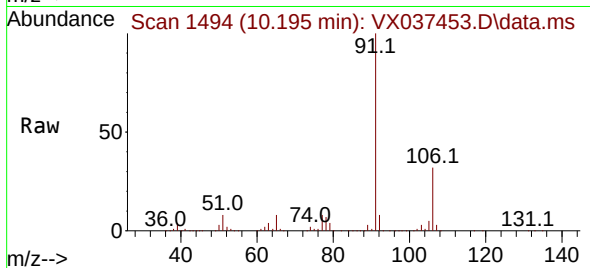
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#68

m/p-Xylenes

Concen: 116.511 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX037453.D

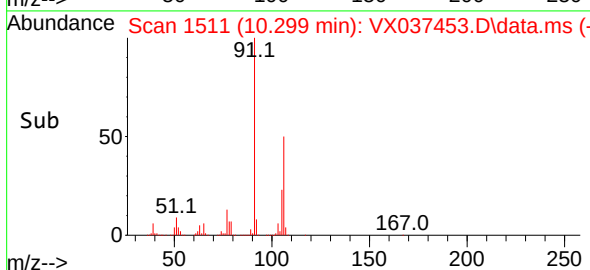
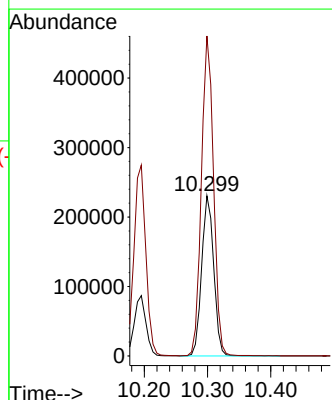
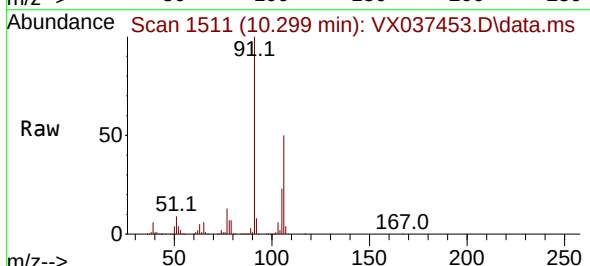
Acq: 01 Sep 2023 00:21

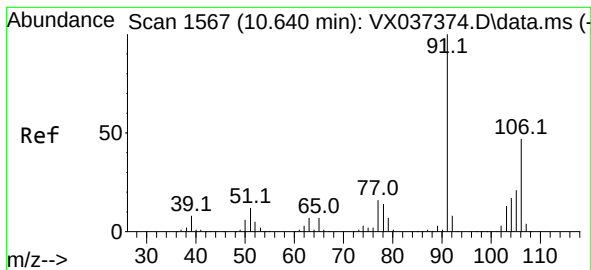
Tgt Ion:106 Resp: 305998

Ion Ratio Lower Upper

106 100

91 201.3 165.5 248.3





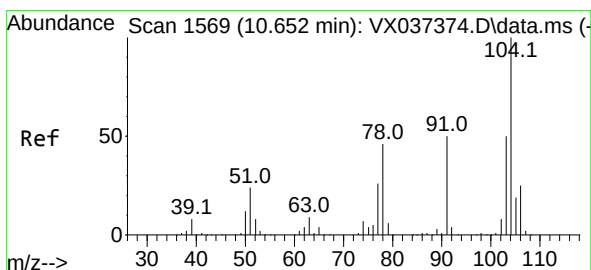
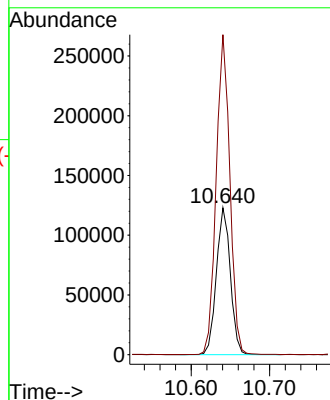
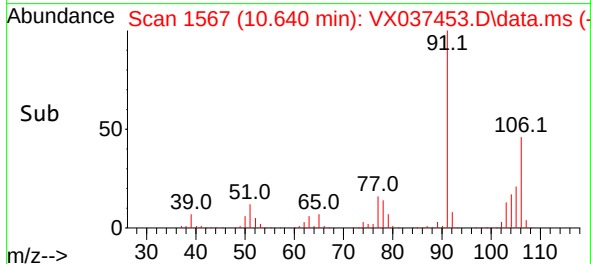
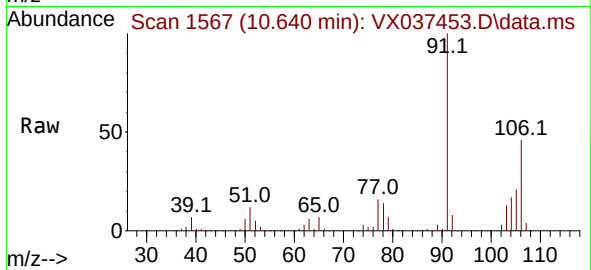
#69
o-Xylene
Concen: 58.862 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 15252
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8

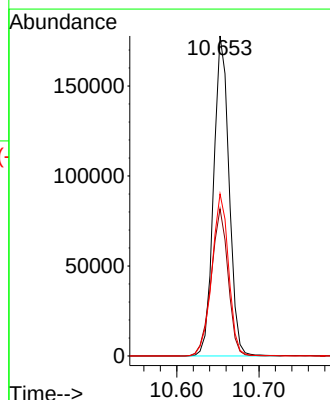
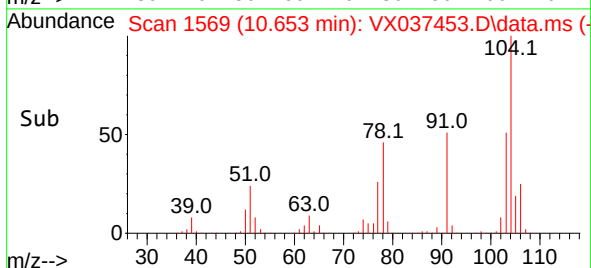
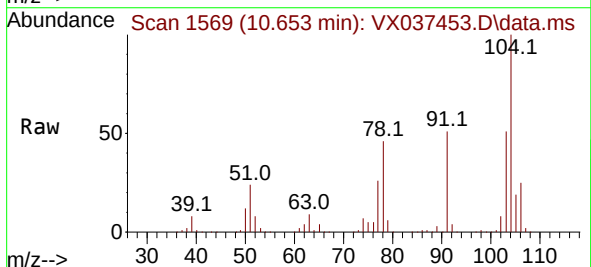
Manual Integrations
APPROVED

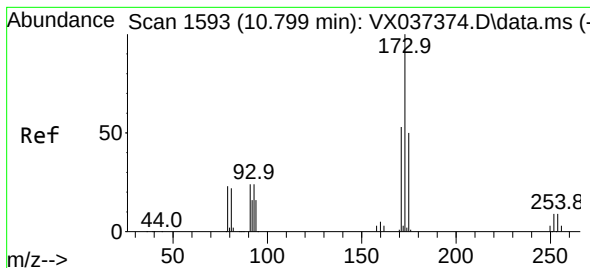
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#70
Styrene
Concen: 54.361 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

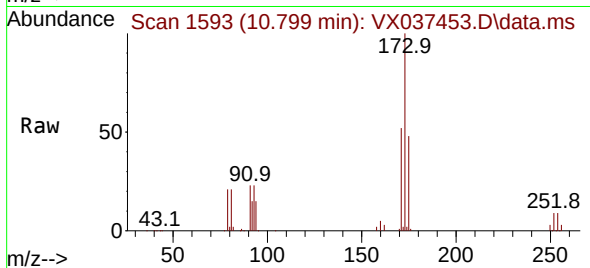
Tgt Ion:104 Resp: 232030
Ion Ratio Lower Upper
104 100
78 50.3 43.6 65.4
103 54.8 43.6 65.4





#71
Bromoform
Concen: 61.406 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

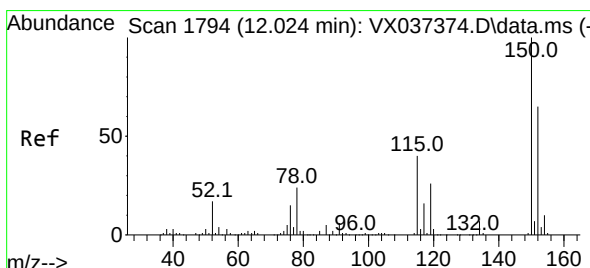
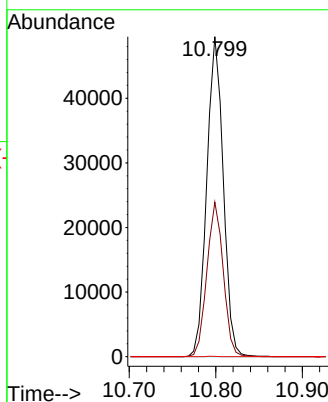
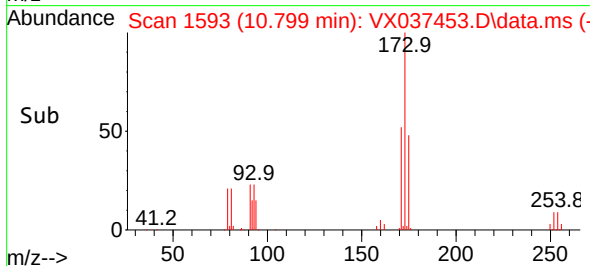
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 6552
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.1 0.0 0.0

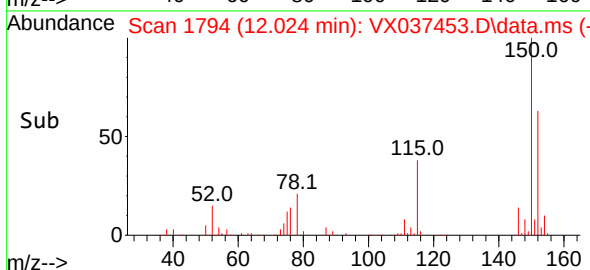
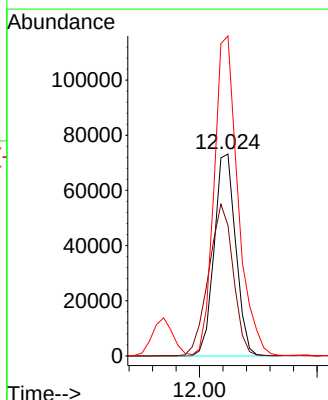
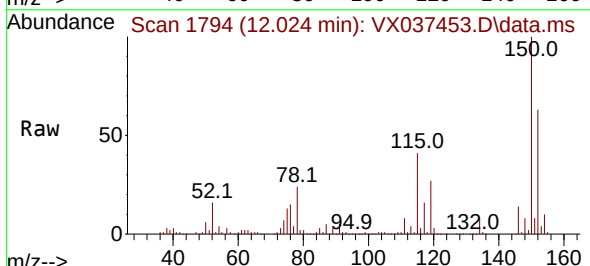
Manual Integrations
APPROVED

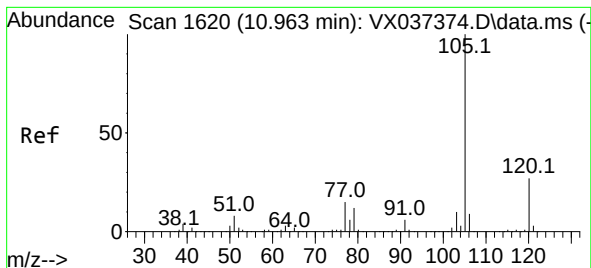
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Tgt Ion:152 Resp: 93404
Ion Ratio Lower Upper
152 100
115 85.9 43.3 129.9
150 175.3 0.0 345.0





#73

Isopropylbenzene

Concen: 49.144 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 33364

Ion Ratio Lower Upper

105 100

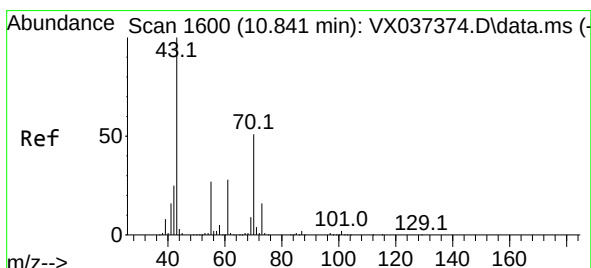
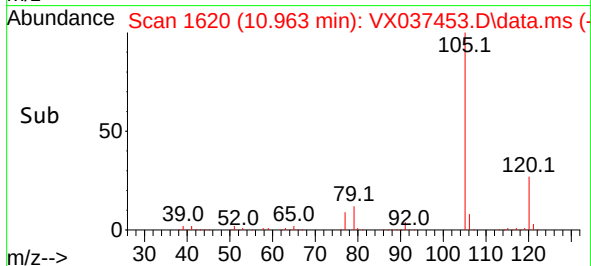
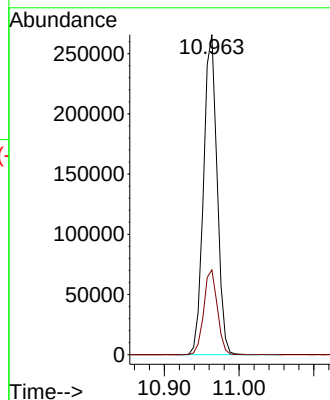
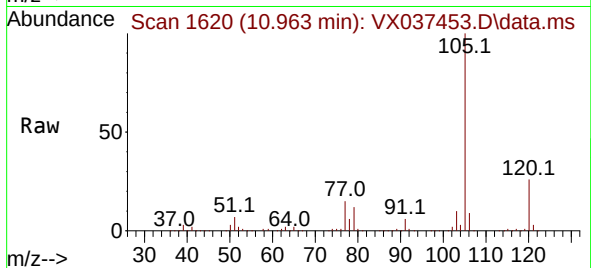
120 26.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#74

N-ethyl acetate

Concen: 58.253 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion: 43 Resp: 153669

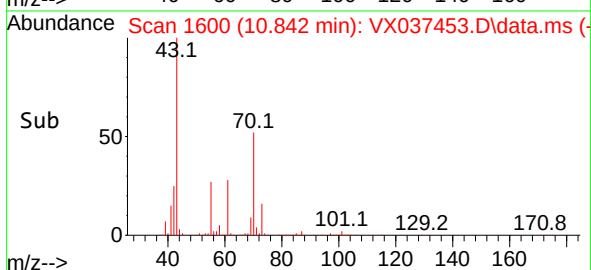
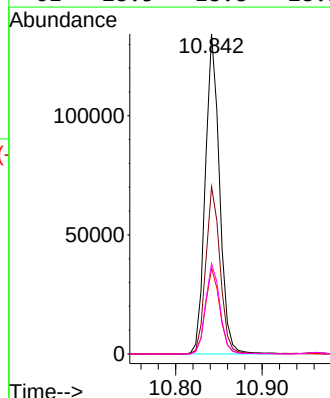
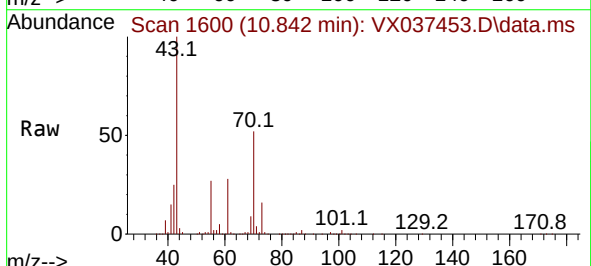
Ion Ratio Lower Upper

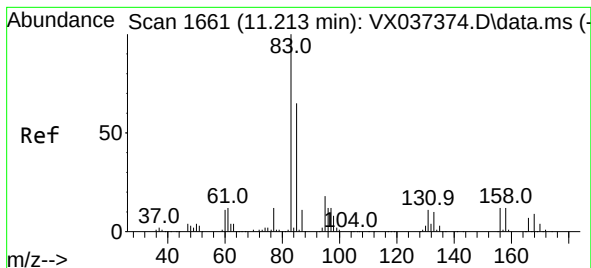
43 100

70 52.6 32.9 49.3#

55 27.2 19.3 28.9

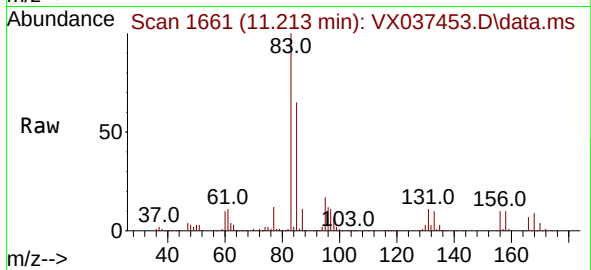
61 28.5 18.8 28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 62.356 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

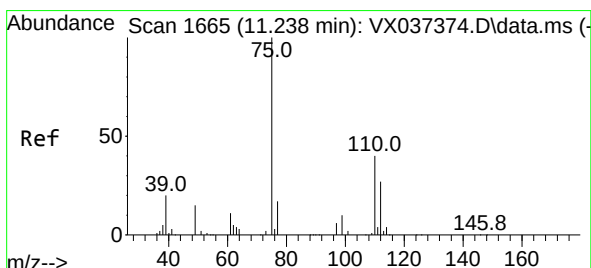
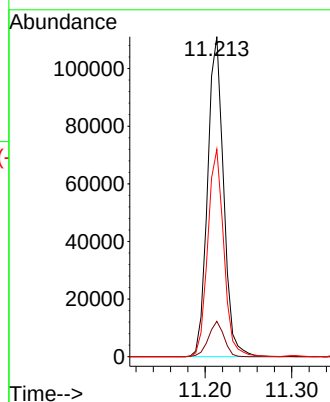
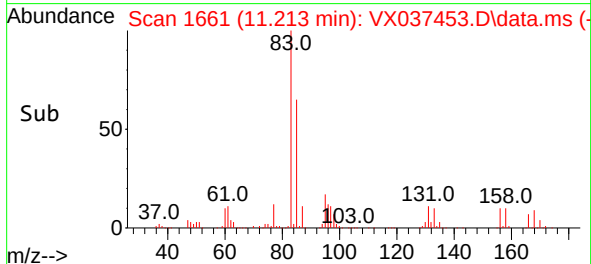
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



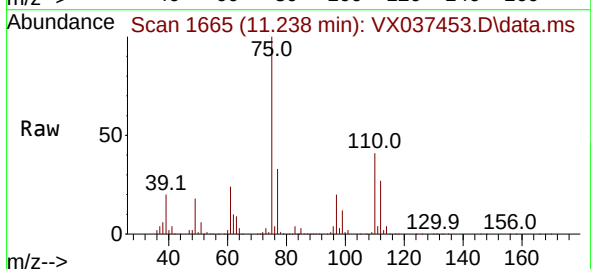
Tgt Ion: 83 Resp: 142570
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

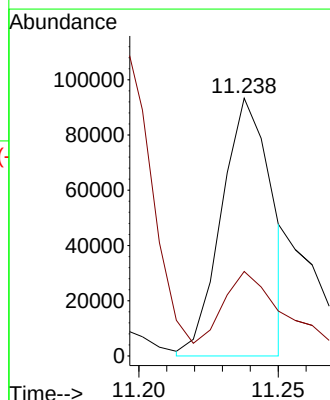
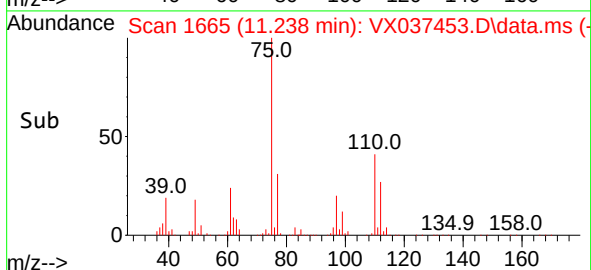
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

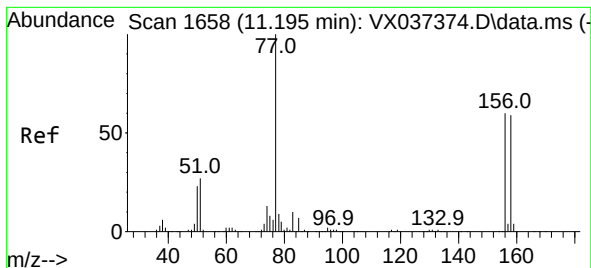


#76
1,2,3-Trichloropropane
Concen: 58.686 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



Tgt Ion: 75 Resp: 116738
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77

Bromobenzene

Concen: 54.114 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

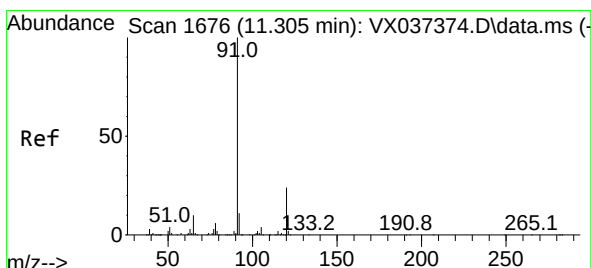
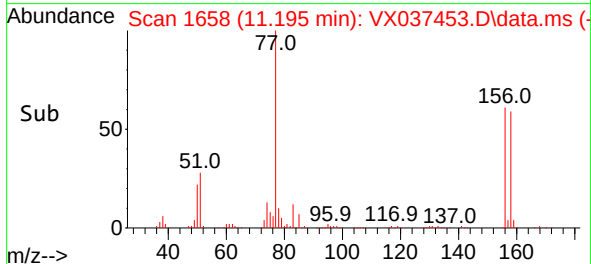
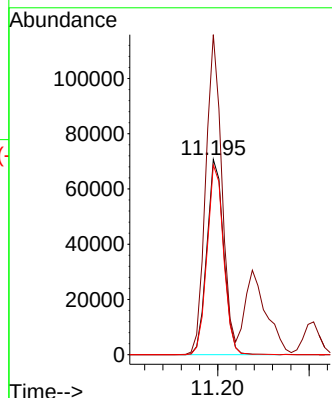
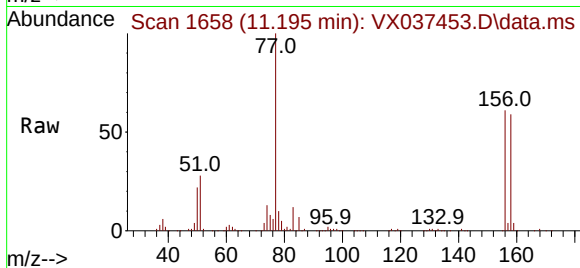
Tgt Ion:	156	Resp:	89724
Ion Ratio	Lower	Upper	
156	100		
77	158.1	88.4	265.3
158	96.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#78

n-propylbenzene

Concen: 49.480 ug/l

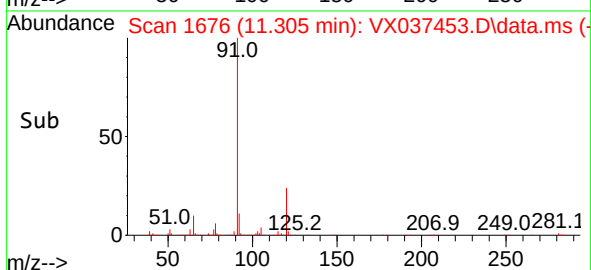
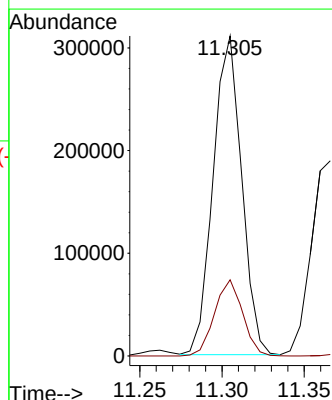
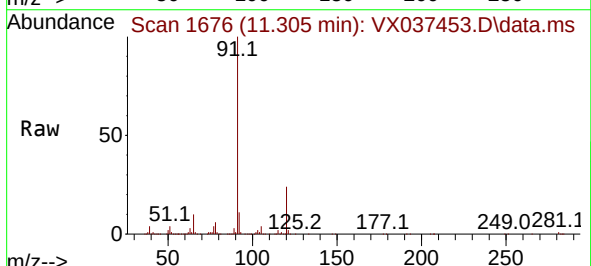
RT: 11.305 min Scan# 1676

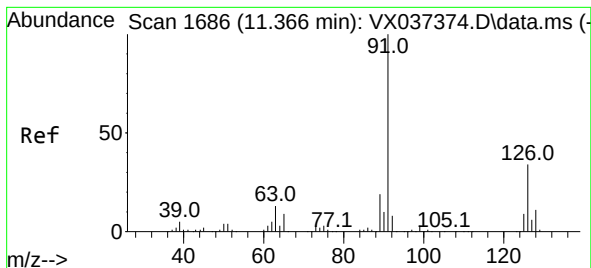
Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion:	91	Resp:	374058
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





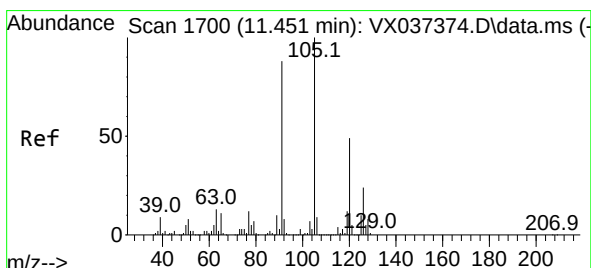
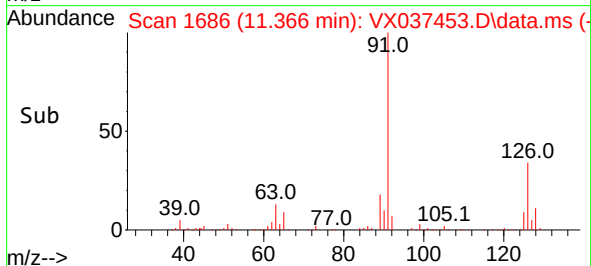
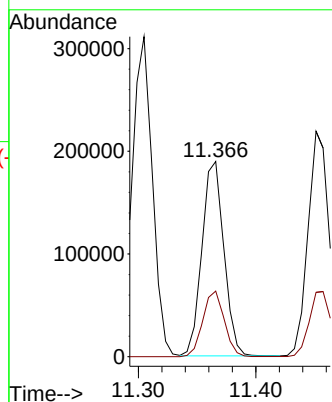
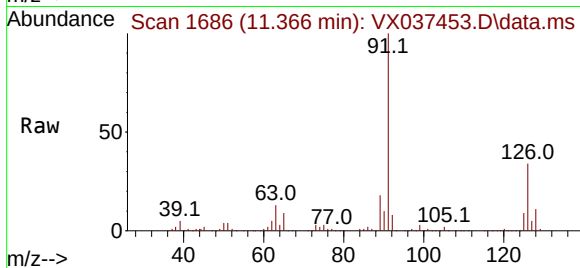
#79
2-Chlorotoluene
Concen: 50.844 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 245629
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

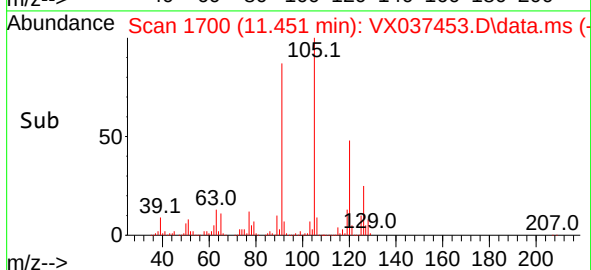
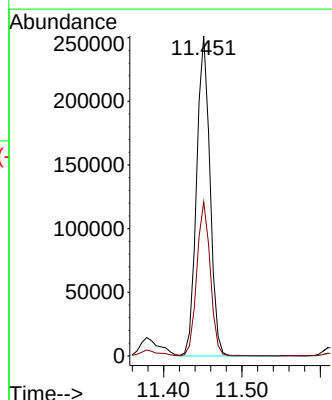
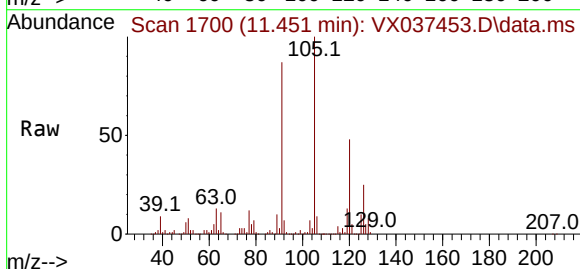
Manual Integrations
APPROVED

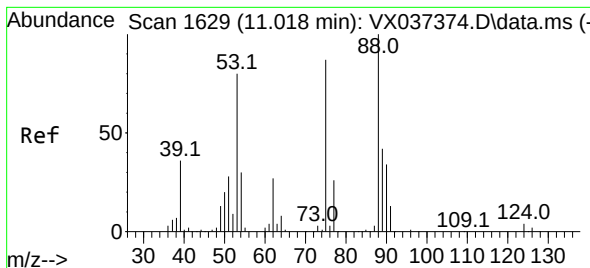
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.775 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

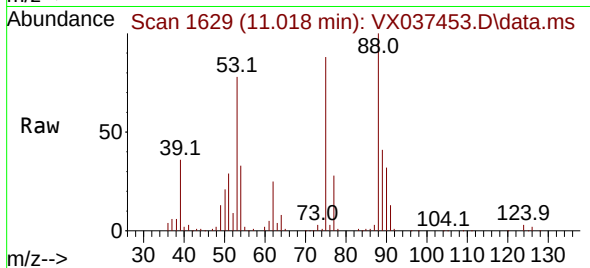
Tgt Ion:105 Resp: 298880
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.525 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

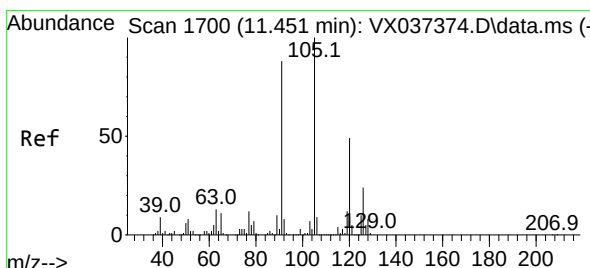
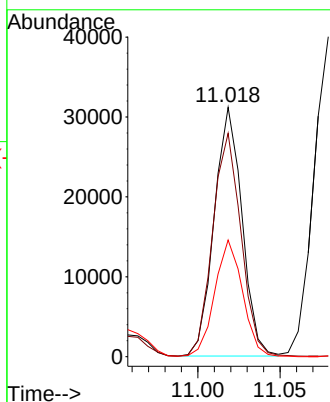
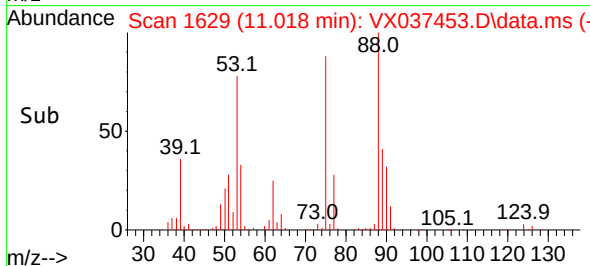
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 36690
Ion Ratio Lower Upper
75 100
53 91.2 90.5 135.7
89 47.0 36.9 55.3

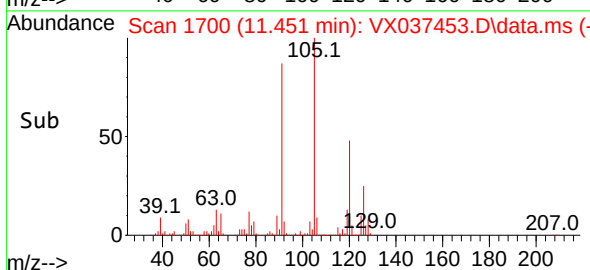
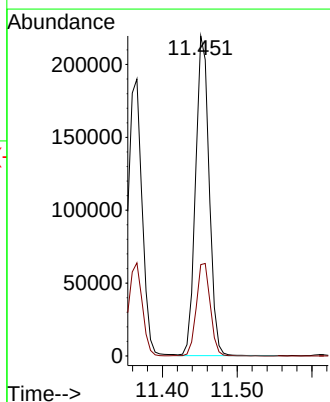
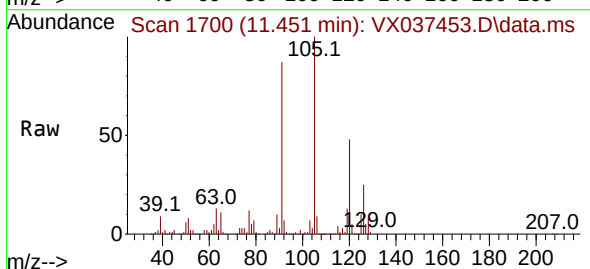
Manual Integrations
APPROVED

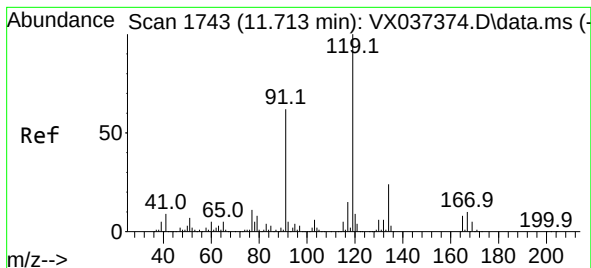
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#82
4-Chlorotoluene
Concen: 49.618 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

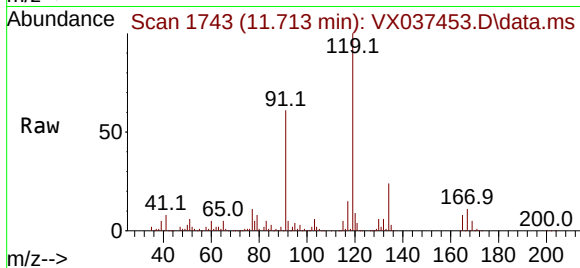
Tgt Ion: 91 Resp: 276698
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.622 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

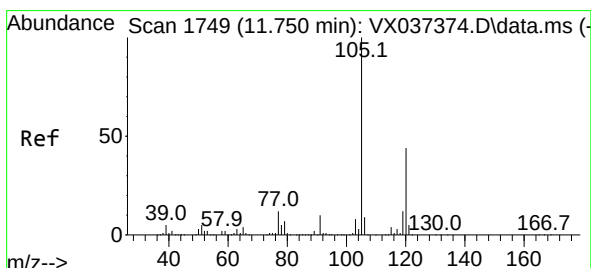
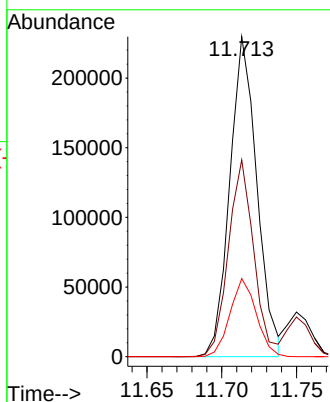
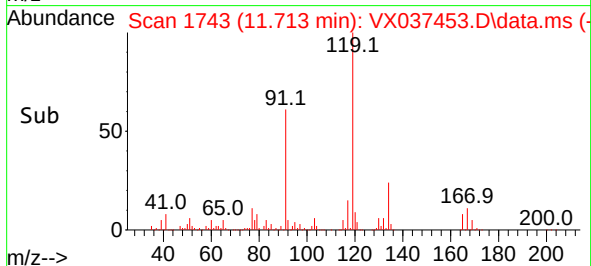
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 28961
Ion Ratio Lower Upper
119 100
91 57.8 31.2 93.6
134 23.7 11.7 35.0

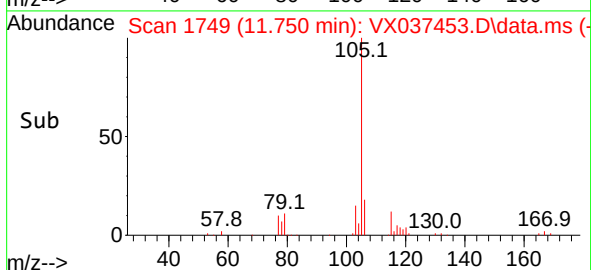
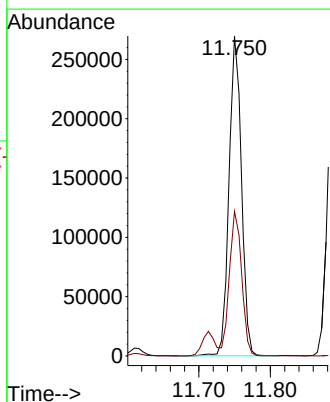
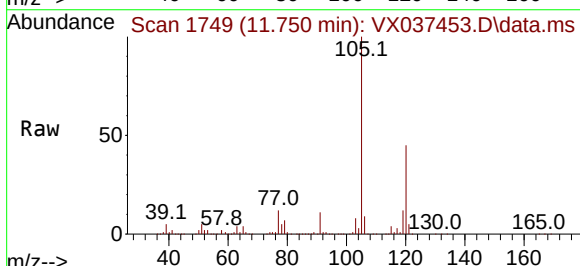
Manual Integrations
APPROVED

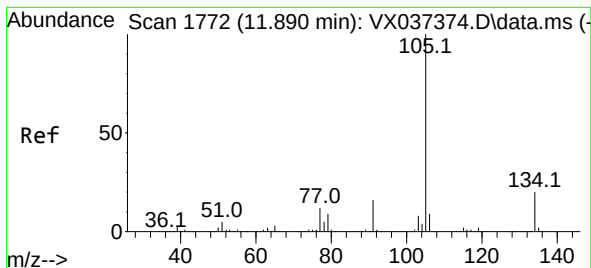
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.778 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

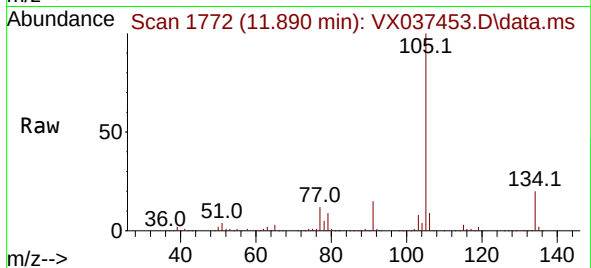
Tgt Ion:105 Resp: 324976
Ion Ratio Lower Upper
105 100
120 44.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.548 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21

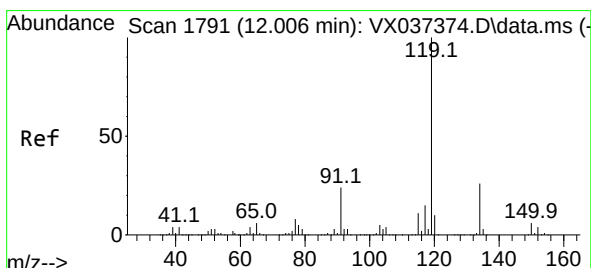
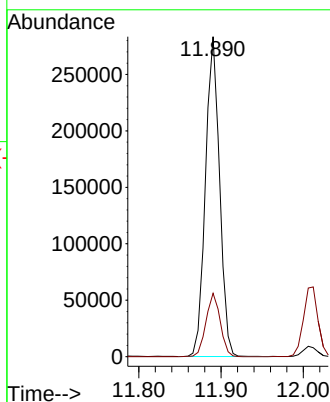
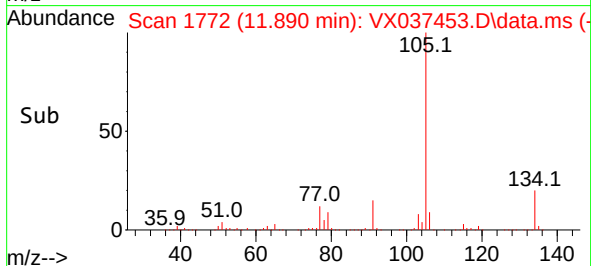
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



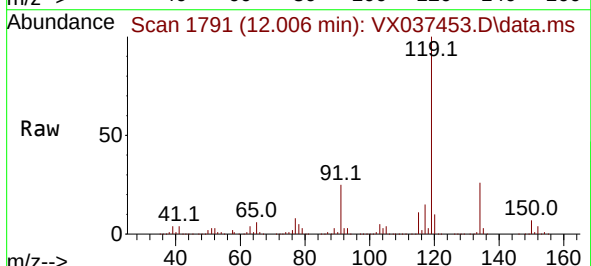
Tgt Ion:105 Resp: 33781
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

Manual Integrations
 APPROVED

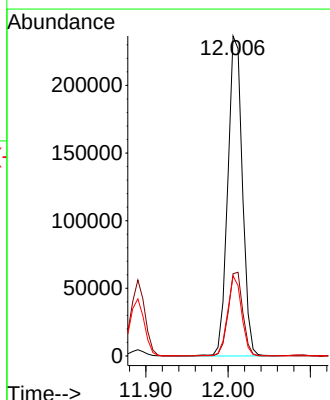
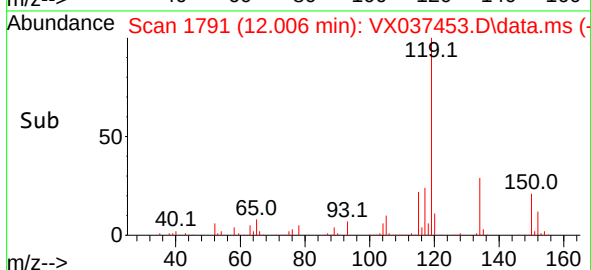
Reviewed By :John Carlone 09/01/2023
 Supervised By :Mahesh Dadoda 09/01/2023

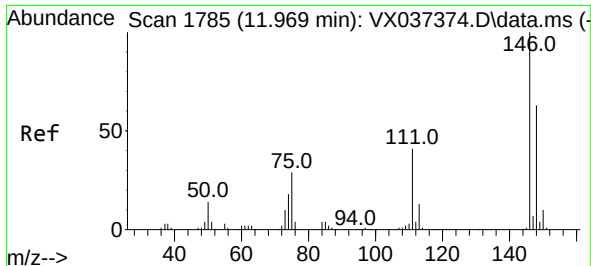


#86
 p-Isopropyltoluene
 Concen: 53.955 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037453.D
 Acq: 01 Sep 2023 00:21



Tgt Ion:119 Resp: 293021
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 23.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.688 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037453.D

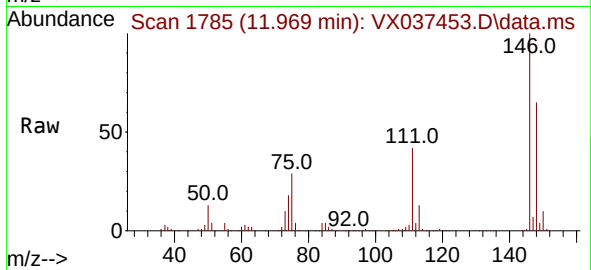
Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 160452

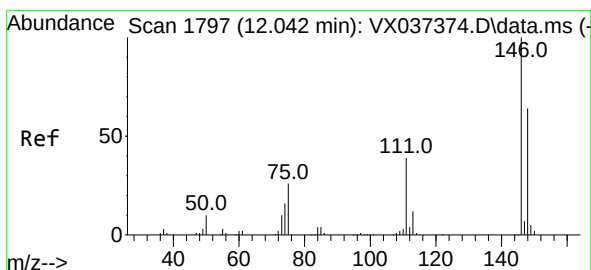
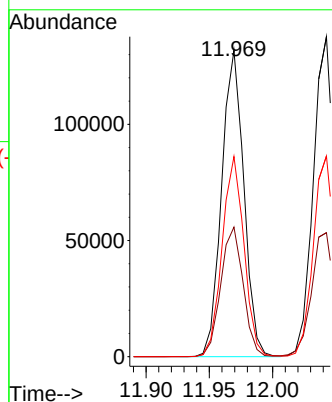
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

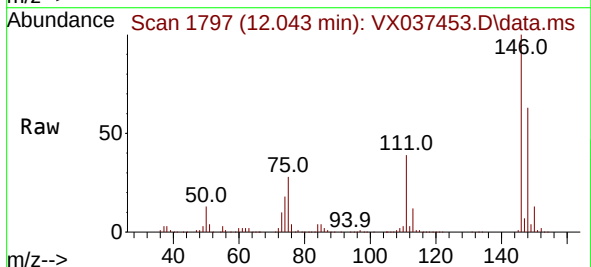
Concen: 51.249 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

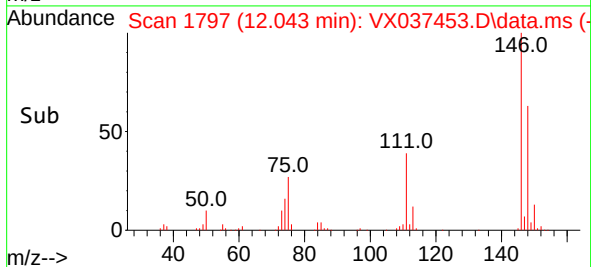
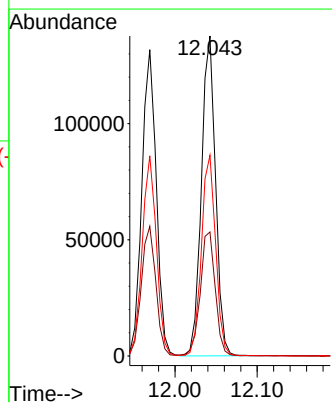
Lab File: VX037453.D

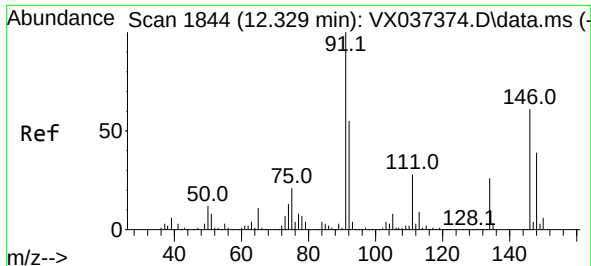
Acq: 01 Sep 2023 00:21



Tgt Ion:146 Resp: 164367

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	63.5	31.8	95.4





#89

n-Butylbenzene

Concen: 52.192 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 23499

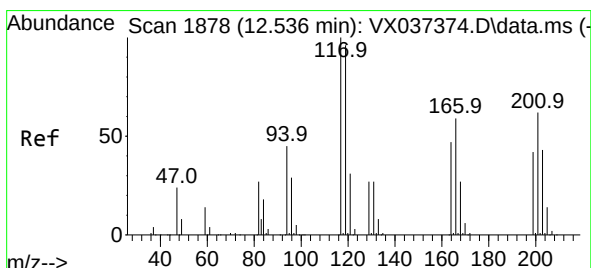
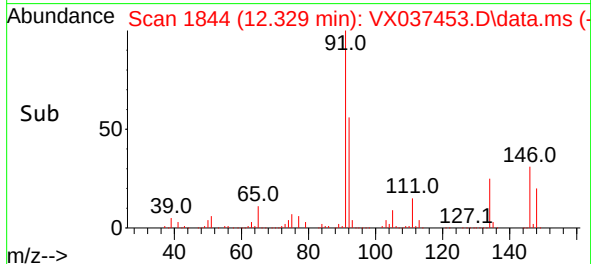
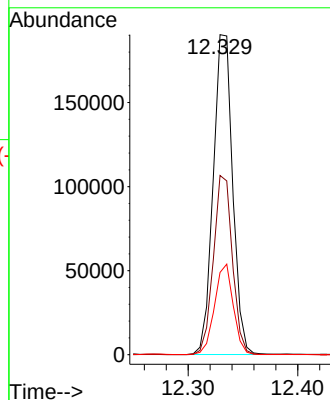
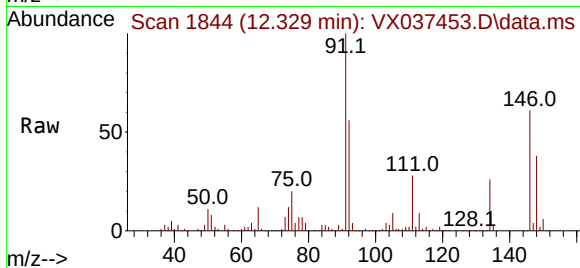
Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.0
134	27.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#90

Hexachloroethane

Concen: 54.960 ug/l

RT: 12.536 min Scan# 1878

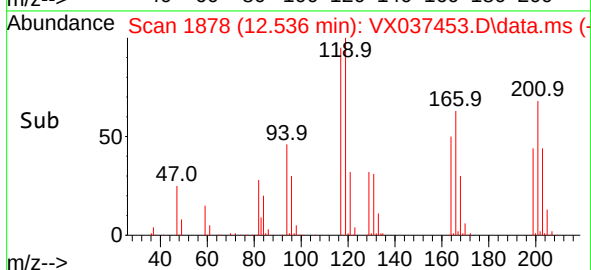
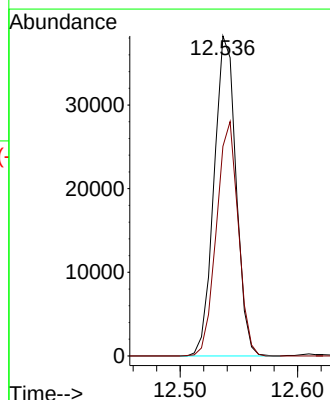
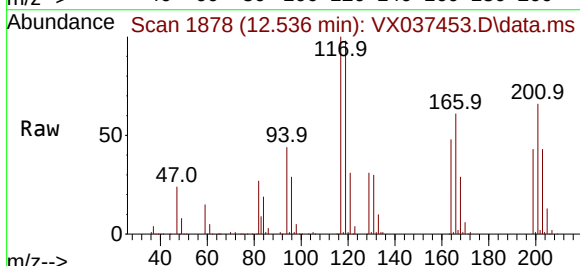
Delta R.T. 0.000 min

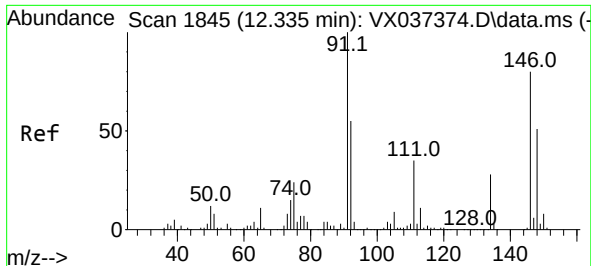
Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Tgt Ion:117 Resp: 49818

Ion	Ratio	Lower	Upper
117	100		
201	72.5	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 56.134 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 17063

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

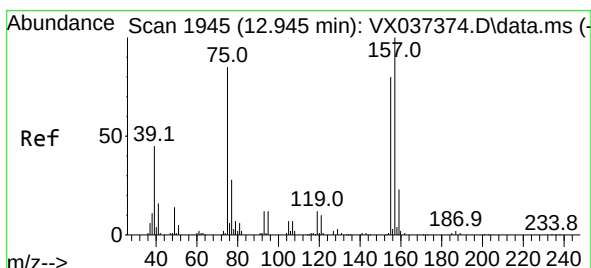
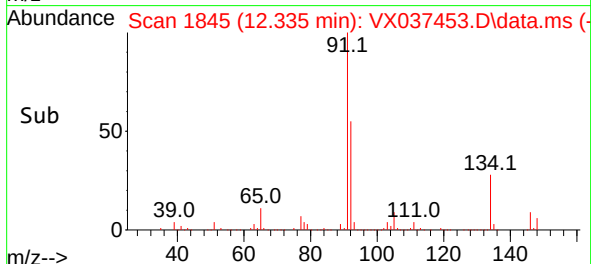
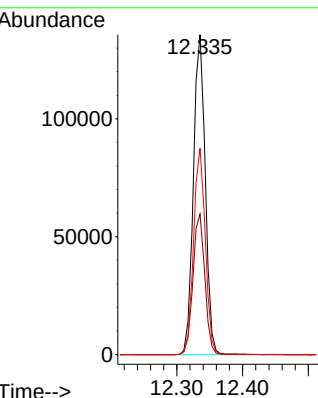
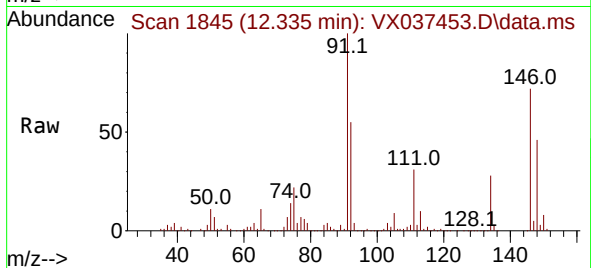
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.980 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037453.D

Acq: 01 Sep 2023 00:21

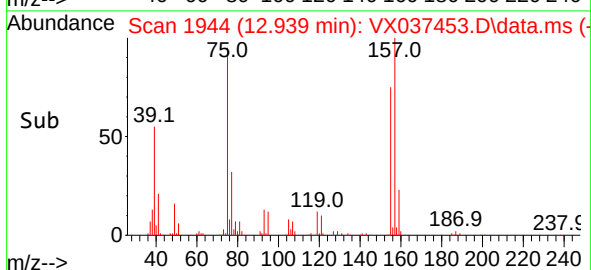
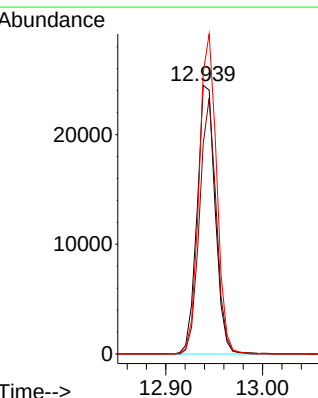
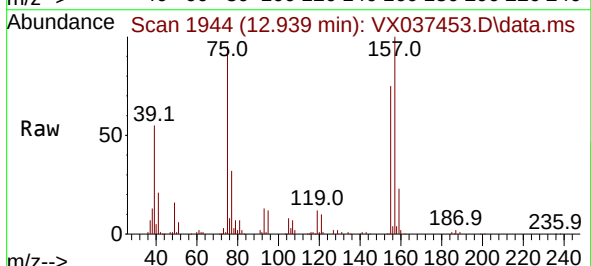
Tgt Ion: 75 Resp: 31865

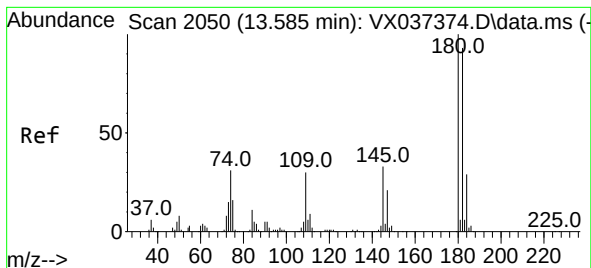
Ion Ratio Lower Upper

75 100

155 88.3 36.1 108.5

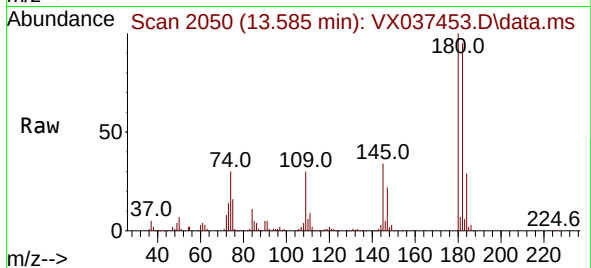
157 115.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 56.991 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

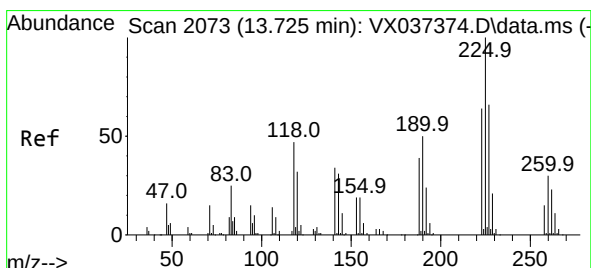
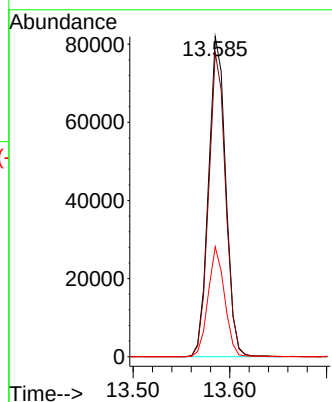
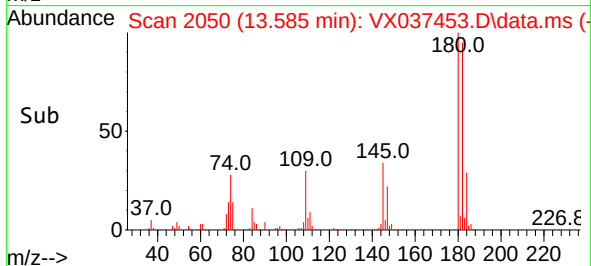
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



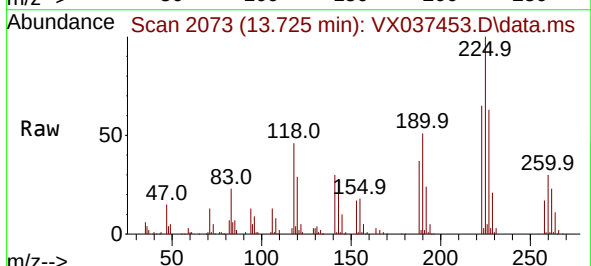
Tgt Ion:180 Resp: 101360
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.8
145 33.0 18.0 54.0

Manual Integrations
APPROVED

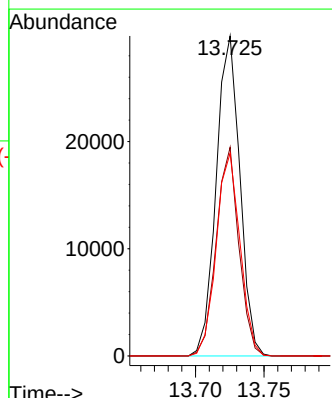
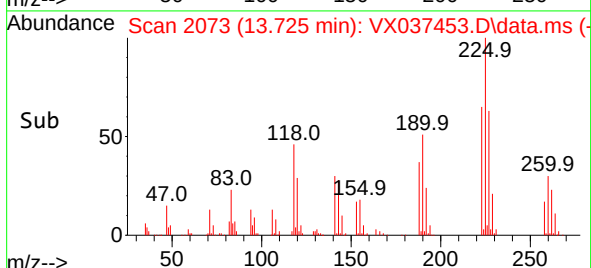
Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023

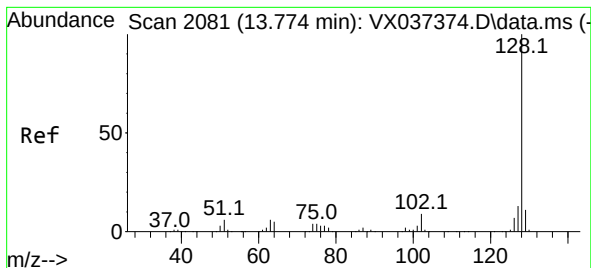


#94
Hexachlorobutadiene
Concen: 52.133 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



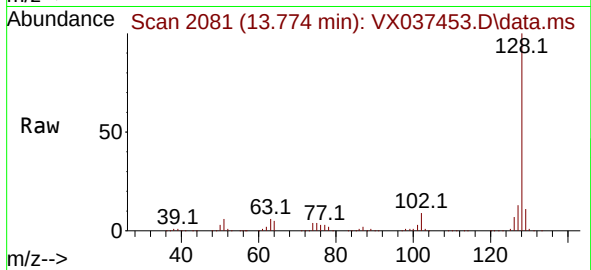
Tgt Ion:225 Resp: 35822
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 53.676 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21

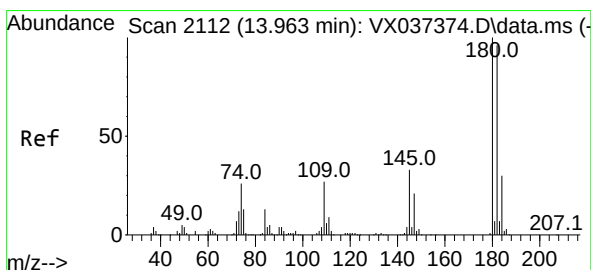
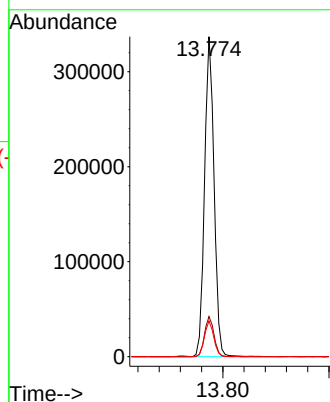
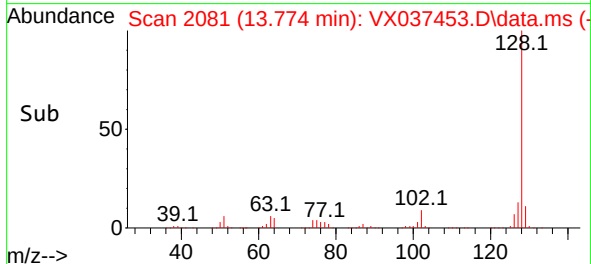
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



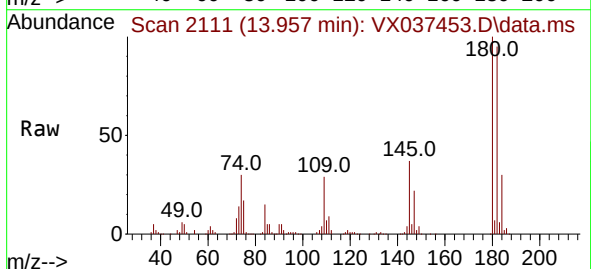
Tgt Ion:128 Resp: 418192
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2023
Supervised By :Mahesh Dadoda 09/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 59.869 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX037453.D
Acq: 01 Sep 2023 00:21



Tgt Ion:180 Resp: 105793
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.6
145 35.3 17.8 53.5

