

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036183.D
 Acq On : 16 Jun 2023 14:24
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 16 14:56:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	191836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	347754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158249	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	493330	140.723	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 281.440%#			
35) Dibromofluoromethane	5.385	113	352247	149.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 298.740%#			
50) Toluene-d8	8.647	98	1249674	144.873	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 289.740%#			
62) 4-Bromofluorobenzene	11.079	95	524461	150.621	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 301.240%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	319505	135.688	ug/l	98
3) Chloromethane	1.295	50	352960	141.675	ug/l	97
4) Vinyl Chloride	1.374	62	335416	141.325	ug/l	98
5) Bromomethane	1.618	94	231712	158.823	ug/l	96
6) Chloroethane	1.685	64	202998	132.188	ug/l	99
7) Trichlorofluoromethane	1.880	101	523503	136.297	ug/l	100
8) Diethyl Ether	2.130	74	216347	151.332	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	307419	140.350	ug/l	99
10) Methyl Iodide	2.447	142	357384	158.240	ug/l	98
11) Tert butyl alcohol	2.995	59	428846m	799.901	ug/l	
12) 1,1-Dichloroethene	2.319	96	306766	148.107	ug/l	95
13) Acrolein	2.239	56	457029	767.884	ug/l	100
14) Allyl chloride	2.660	41	658463	157.116	ug/l	98
15) Acrylonitrile	3.069	53	1089260	794.489	ug/l	99
16) Acetone	2.392	43	985358	754.537	ug/l	97
17) Carbon Disulfide	2.508	76	811812	158.569	ug/l	100
18) Methyl Acetate	2.703	43	863597	156.336	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1266222	156.164	ug/l	98
20) Methylene Chloride	2.788	84	378435	143.408	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	347384	150.953	ug/l	99
22) Diisopropyl ether	3.764	45	1283317	153.879	ug/l	# 83
23) Vinyl Acetate	3.721	43	4744289	802.657	ug/l	98
24) 1,1-Dichloroethane	3.605	63	694902	150.811	ug/l	99
25) 2-Butanone	4.562	43	1562696	766.472	ug/l	99
26) 2,2-Dichloropropane	4.477	77	575036	160.481	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	416359	158.218	ug/l	100
28) Bromochloromethane	4.898	49	348673	145.159	ug/l	99
29) Tetrahydrofuran	5.007	42	1035232	799.454	ug/l	99
30) Chloroform	5.093	83	724619	149.321	ug/l	97
31) Cyclohexane	5.471	56	546241	145.246	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	623705	151.597	ug/l	99
36) 1,1-Dichloropropene	5.690	75	503593	144.973	ug/l	100
37) Ethyl Acetate	4.715	43	619229	153.004	ug/l	99
38) Carbon Tetrachloride	5.678	117	516052	152.821	ug/l	98
39) Methylcyclohexane	7.379	83	555411	148.459	ug/l	98
40) Benzene	6.038	78	1481267	151.637	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	353253	158.317	ug/l	99
42) 1,2-Dichloroethane	6.086	62	634218	144.117	ug/l	99
43) Isopropyl Acetate	6.342	43	1032387	166.684	ug/l	99
44) Trichloroethene	7.123	130	377085	154.476	ug/l	97
45) 1,2-Dichloropropane	7.428	63	399493	153.826	ug/l	100
46) Dibromomethane	7.580	93	286165	154.676	ug/l	99
47) Bromodichloromethane	7.818	83	572556	161.201	ug/l	97
48) Methyl methacrylate	7.696	41	518440	163.149	ug/l	98
49) 1,4-Dioxane	7.714	88	177096	3328.632	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	2922090	747.174	ug/l	98
52) Toluene	8.720	92	935317	152.930	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	658427	152.100	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	680134	151.973	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	398681	157.903	ug/l	96
56) Ethyl methacrylate	9.116	69	669916	152.557	ug/l	99
57) 1,3-Dichloropropane	9.311	76	700461	155.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	1731594	823.707	ug/l	98
59) 2-Hexanone	9.433	43	2170910	746.659	ug/l	98
60) Dibromochloromethane	9.525	129	437294	177.446	ug/l	99
61) 1,2-Dibromoethane	9.610	107	434355	164.992	ug/l	100
64) Tetrachloroethene	9.275	164	293898	143.867	ug/l	98
65) Chlorobenzene	10.080	112	1024912	150.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	392708	167.257	ug/l	99
67) Ethyl Benzene	10.195	91	1842497	151.632	ug/l	99
68) m/p-Xylenes	10.305	106	1419156	309.560	ug/l	98
69) o-Xylene	10.640	106	719274	159.024	ug/l	99
70) Styrene	10.659	104	1226089	162.687	ug/l	99
71) Bromoform	10.799	173	291877	153.092	ug/l #	98
73) Isopropylbenzene	10.964	105	1818828	154.894	ug/l	98
74) N-amyl acetate	10.842	43	856269	161.370	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	590547	146.876	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	570696m	145.124	ug/l	
77) Bromobenzene	11.201	156	432350	157.153	ug/l	99
78) n-propylbenzene	11.305	91	2130561	154.236	ug/l	99
79) 2-Chlorotoluene	11.366	91	1317012	151.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1574020	157.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	200710	152.786	ug/l	94
82) 4-Chlorotoluene	11.457	91	1532186	151.351	ug/l	99
83) tert-Butylbenzene	11.713	119	1539987	162.008	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1561586	156.577	ug/l	96
85) sec-Butylbenzene	11.890	105	1843573	155.761	ug/l	99
86) p-Isopropyltoluene	12.006	119	1582749	158.942	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	803817	153.207	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	810494	153.119	ug/l	99
89) n-Butylbenzene	12.335	91	1370873	154.257	ug/l	99
90) Hexachloroethane	12.536	117	270417	149.139	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	778214	151.129	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	147506	166.329	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	488317	167.292	ug/l	98
94) Hexachlorobutadiene	13.725	225	170820	148.035	ug/l	97
95) Naphthalene	13.774	128	1716014	170.434	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	473407	161.733	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jun 16 14:52:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/19/2023

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

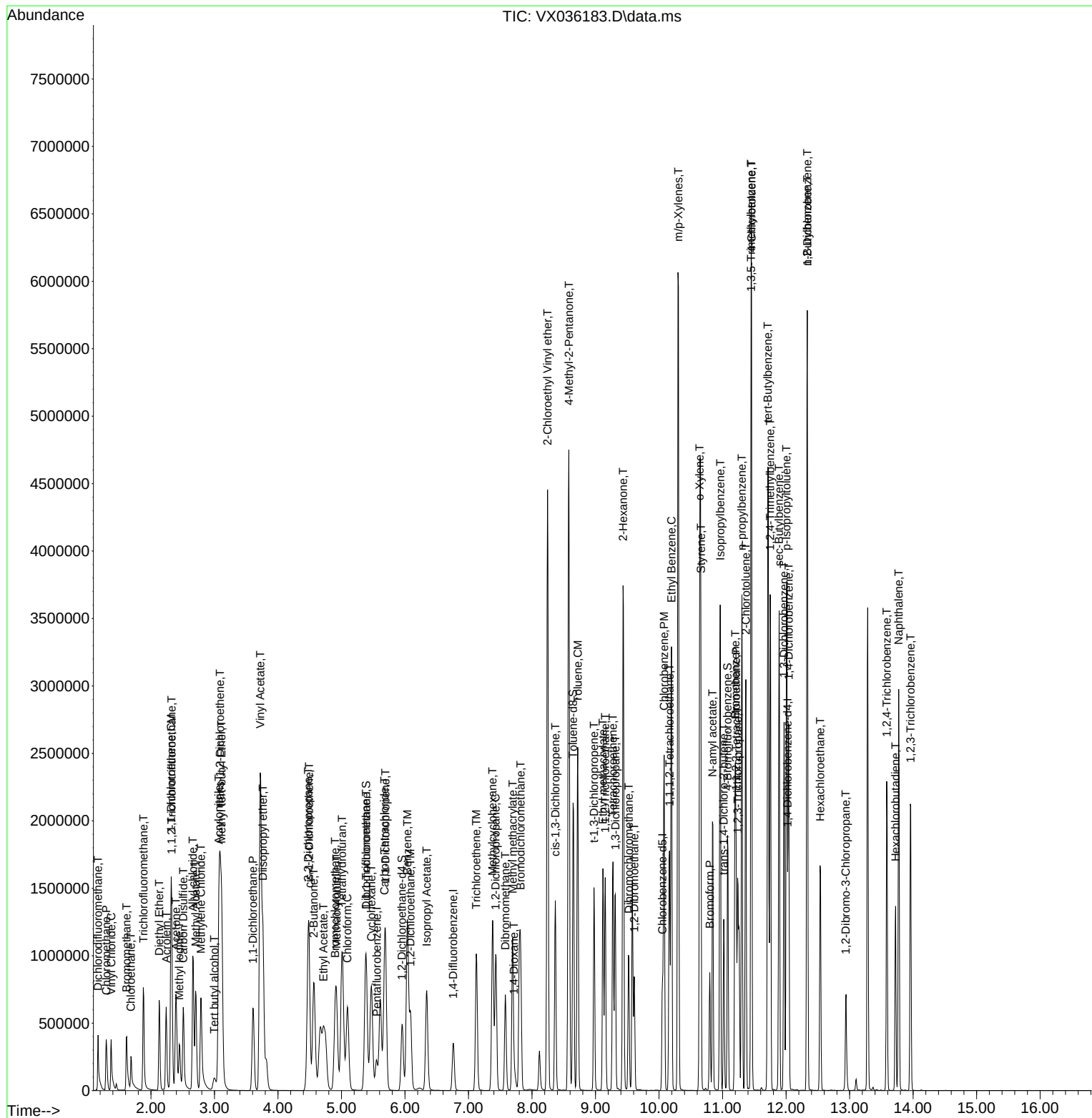
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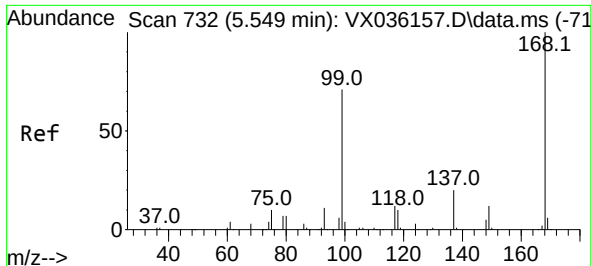
Instrument :
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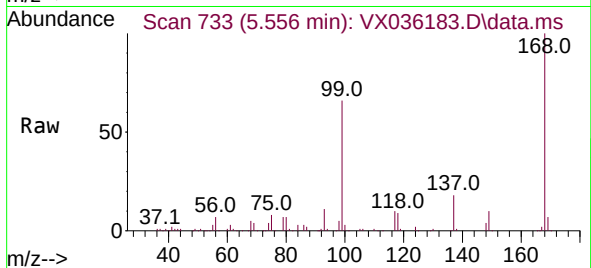
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036183.D
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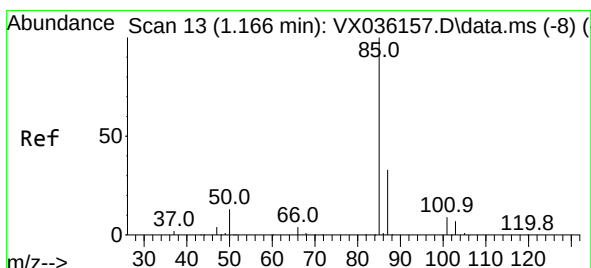
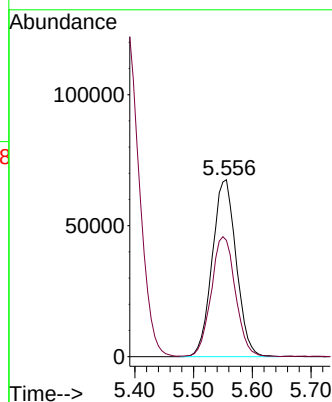
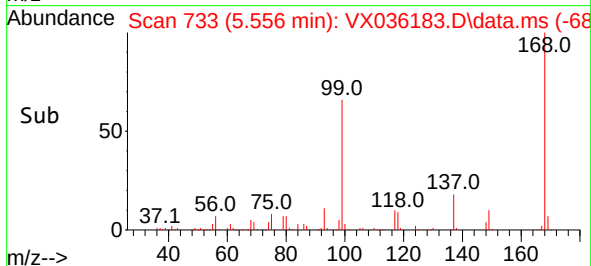
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 191830
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0

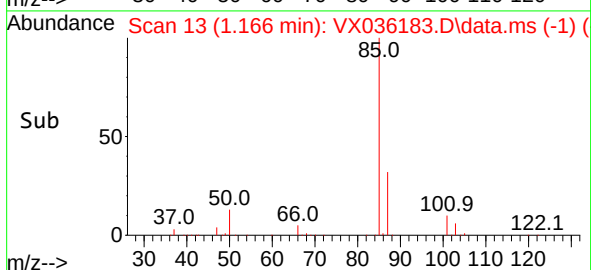
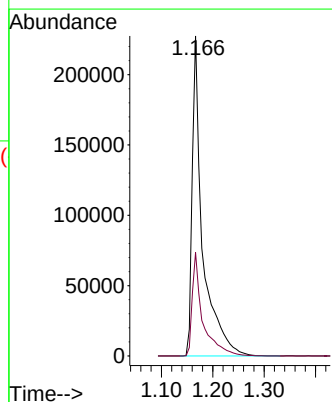
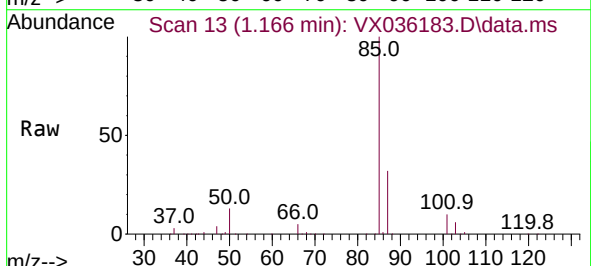
Manual Integrations
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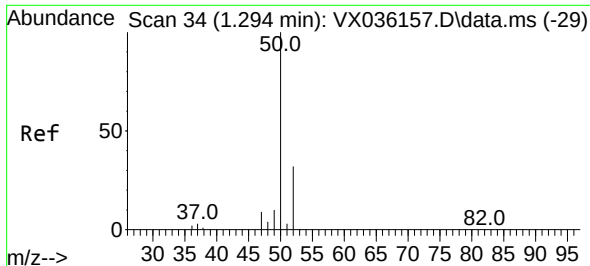
Reviewed By :John Carlone 06/16/2023
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#2
Dichlorodifluoromethane
Concen: 135.688 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

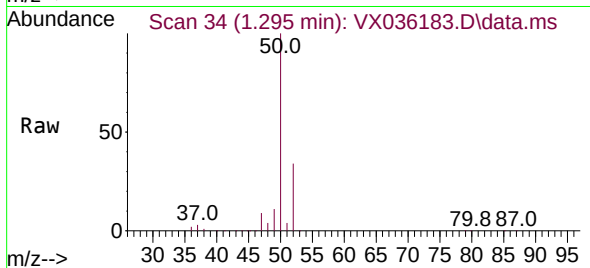
Tgt Ion: 85 Resp: 319505
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 141.675 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

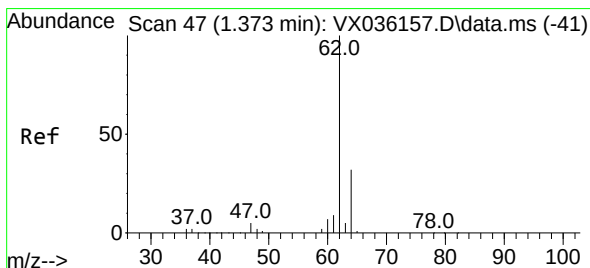
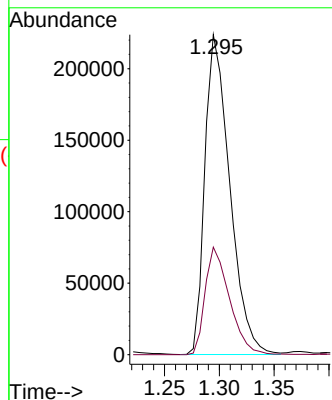
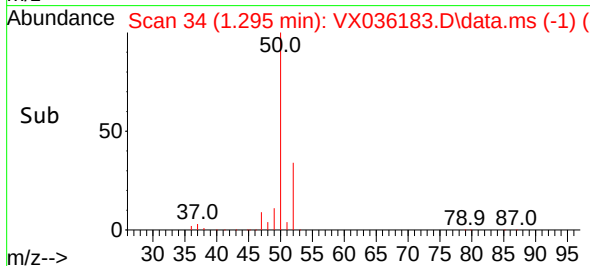
Instrument :
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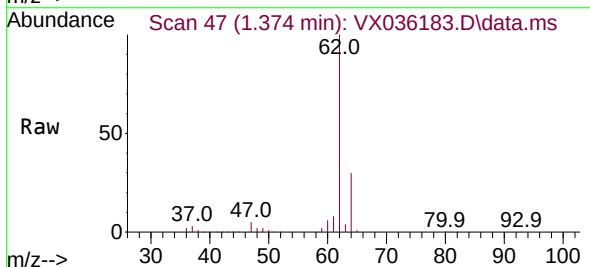
Tgt Ion: 50 Resp: 352960
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

Manual Integrations
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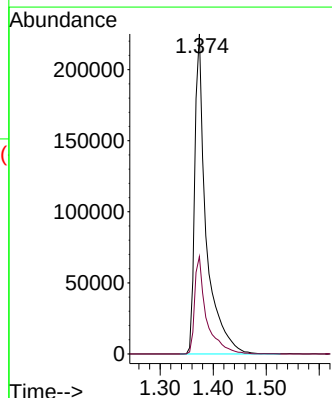
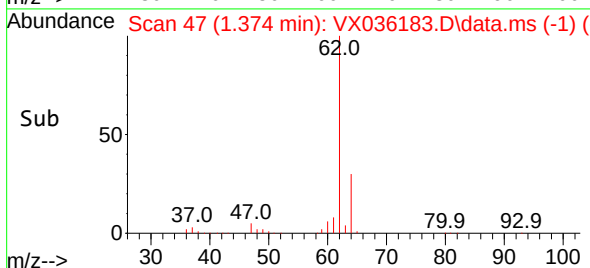
Reviewed By :John Carlone 06/16/2023
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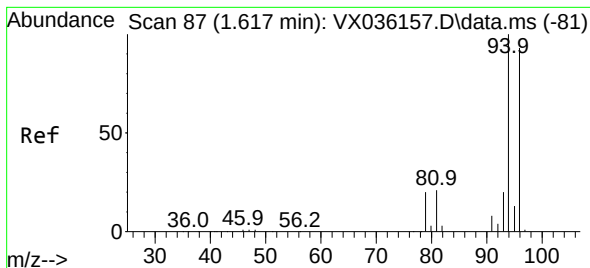


#4
Vinyl Chloride
Concen: 141.325 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion: 62 Resp: 335416
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5

Bromomethane

Concen: 158.823 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 94 Resp: 23171

Ion Ratio Lower Upper

94 100

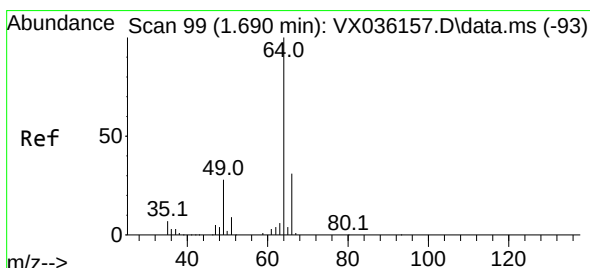
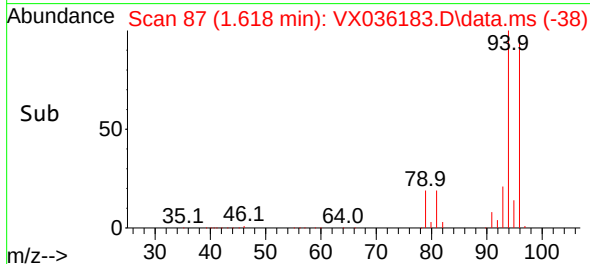
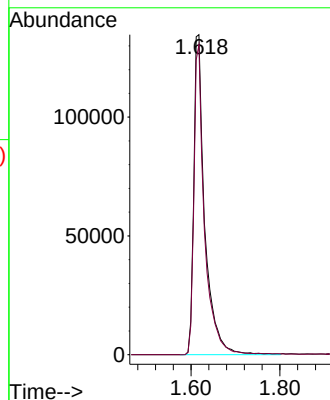
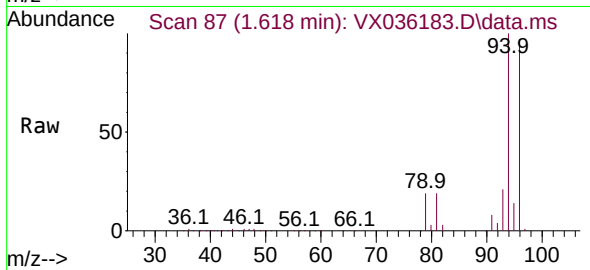
96 96.9 74.6 111.8

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 132.188 ug/l

RT: 1.685 min Scan# 98

Delta R.T. -0.005 min

Lab File: VX036183.D

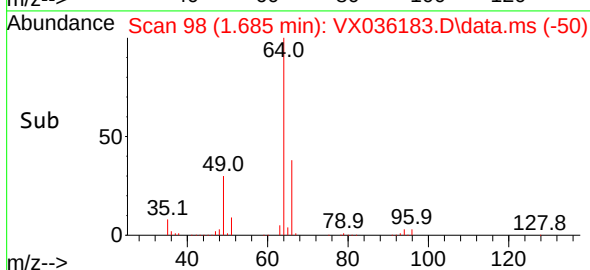
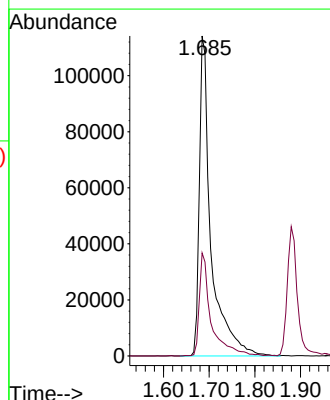
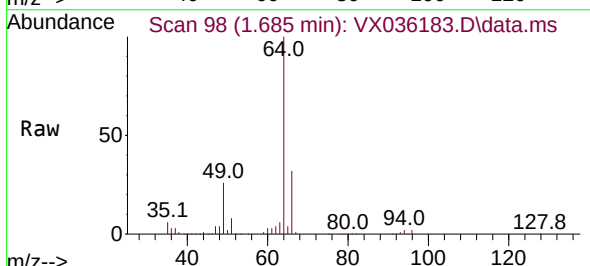
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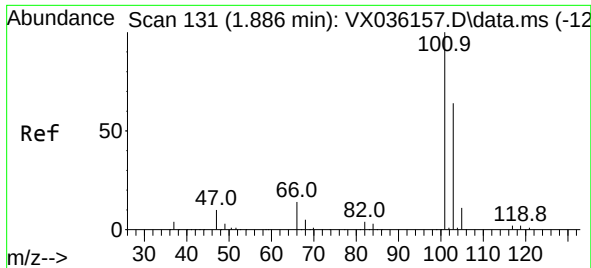
Tgt Ion: 64 Resp: 202998

Ion Ratio Lower Upper

64 100

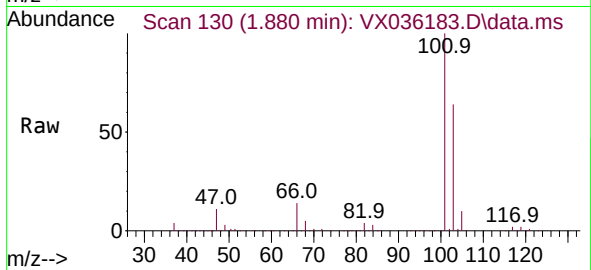
66 32.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 136.297 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

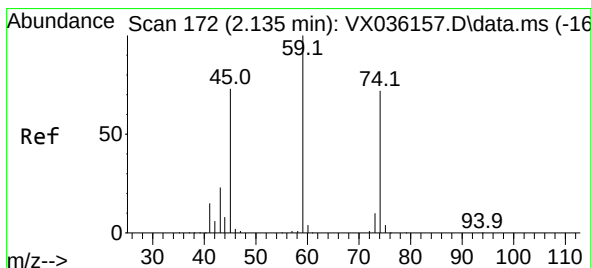
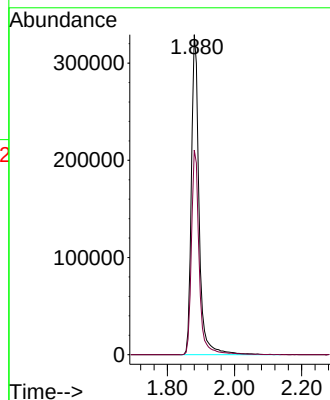
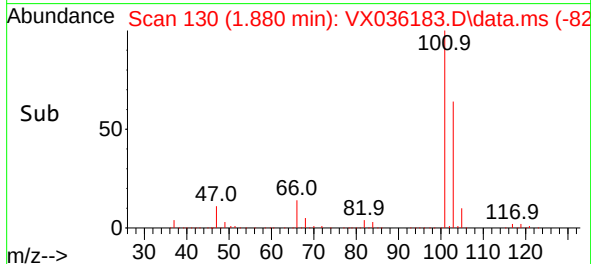
Instrument :
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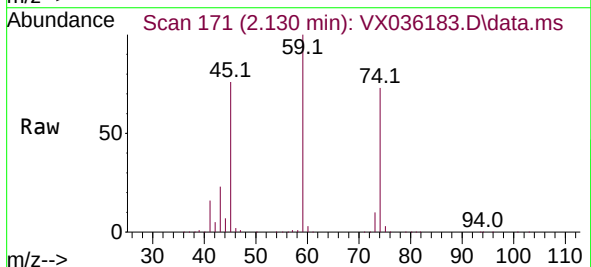
Tgt Ion:101 Resp: 52350
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

Manual Integrations
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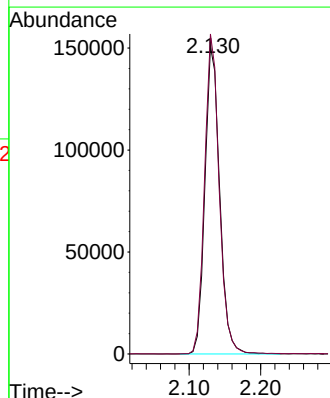
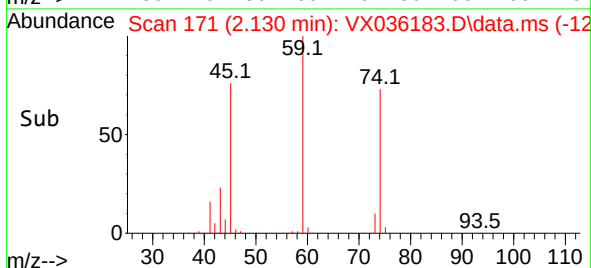
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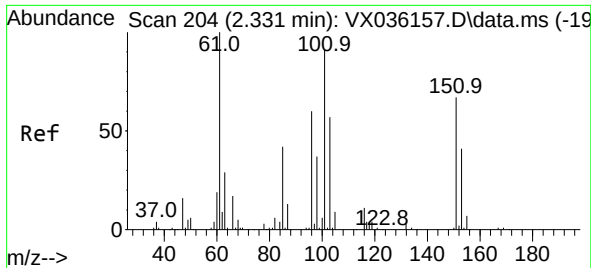


#8
Diethyl Ether
Concen: 151.332 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036183.D
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Tgt Ion: 74 Resp: 216347
Ion Ratio Lower Upper
74 100
45 103.4 53.3 159.8





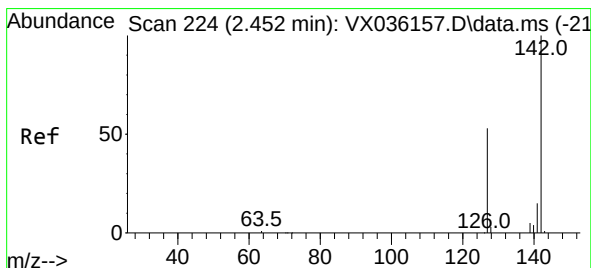
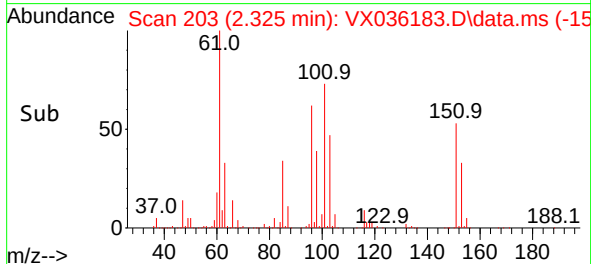
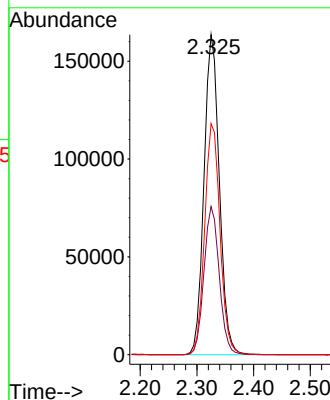
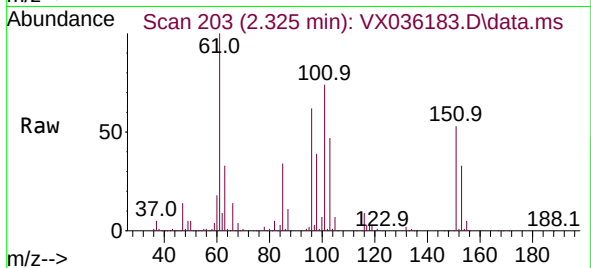
#9
1,1,2-Trichlorotrifluoroethane
Concen: 140.350 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 307419
Ion Ratio Lower Upper
101 100
85 46.1 37.0 55.6
151 72.4 58.6 87.8

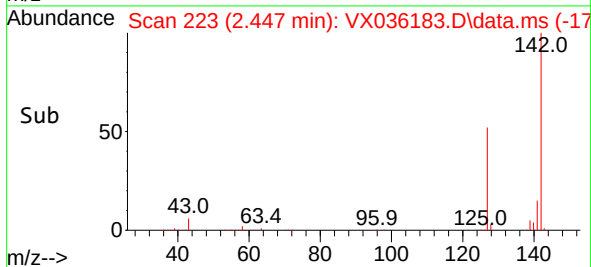
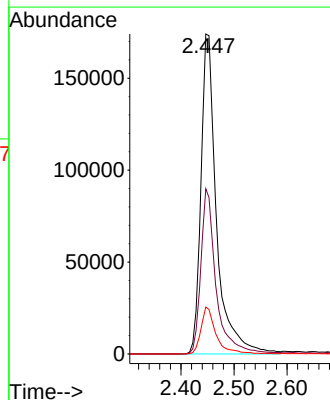
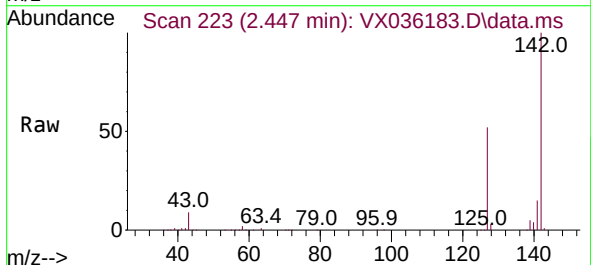
Manual Integrations
APPROVED

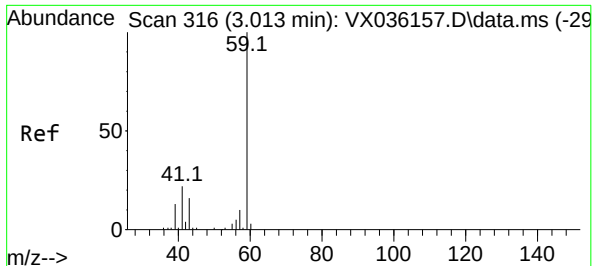
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 158.240 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

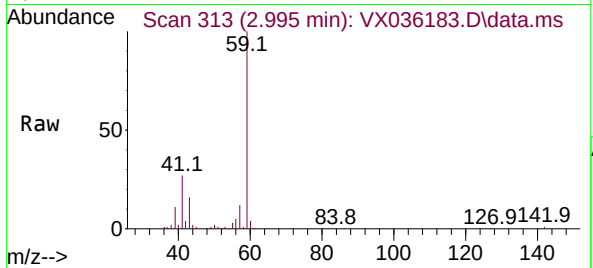
Tgt Ion:142 Resp: 357384
Ion Ratio Lower Upper
142 100
127 50.4 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 799.901 ug/l m
RT: 2.995 min Scan# 316
Delta R.T. -0.018 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

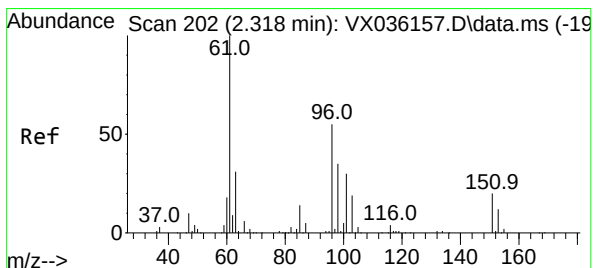
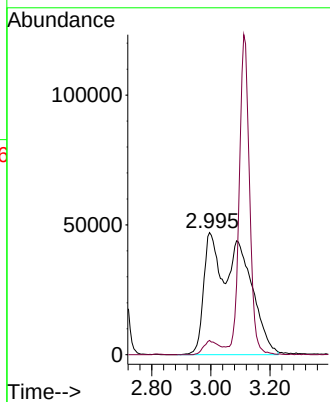
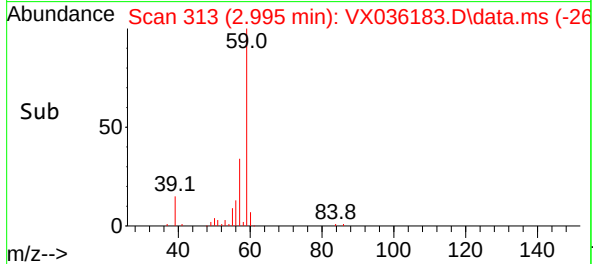
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



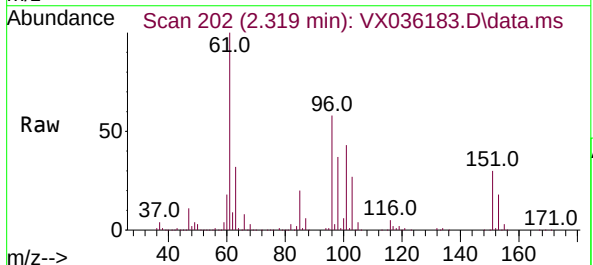
Tgt Ion: 59 Resp: 428840
Ion Ratio Lower Upper
59 100
57 4.9 6.0 9.0

Manual Integrations
APPROVED

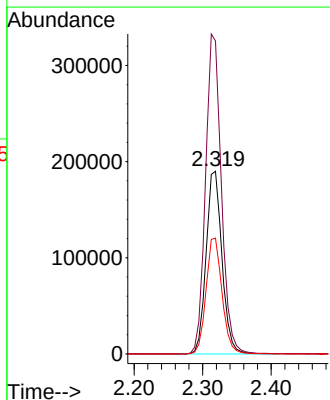
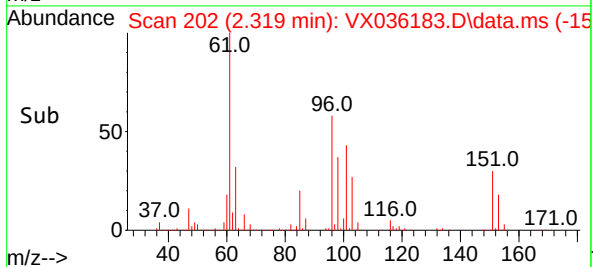
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

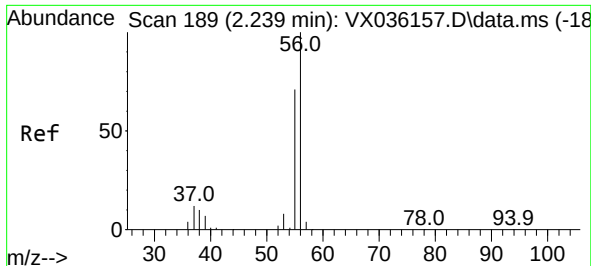


#12
1,1-Dichloroethene
Concen: 148.107 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



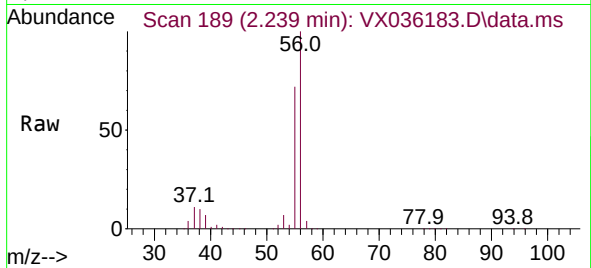
Tgt Ion: 96 Resp: 306766
Ion Ratio Lower Upper
96 100
61 171.4 144.6 216.8
98 63.4 50.4 75.6





#13
Acrolein
Concen: 767.884 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

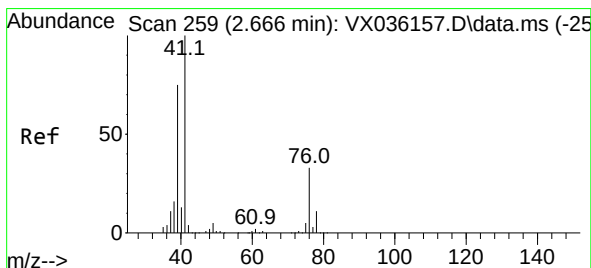
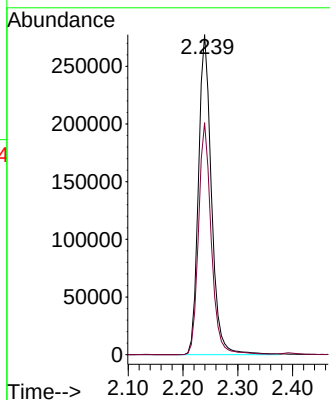
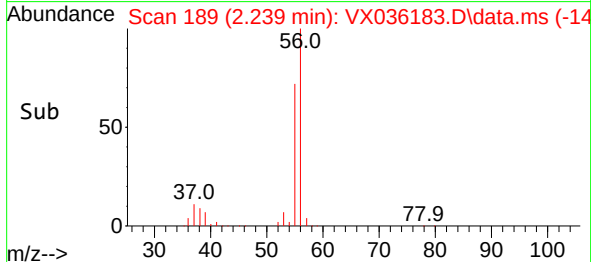
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 457029
Ion Ratio Lower Upper
56 100
55 71.4 57.1 85.7

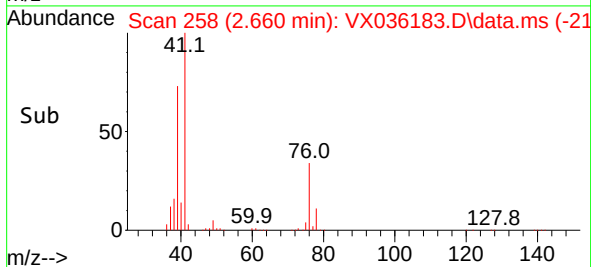
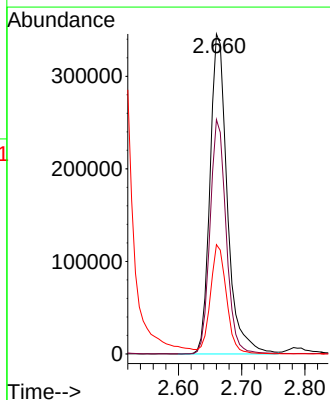
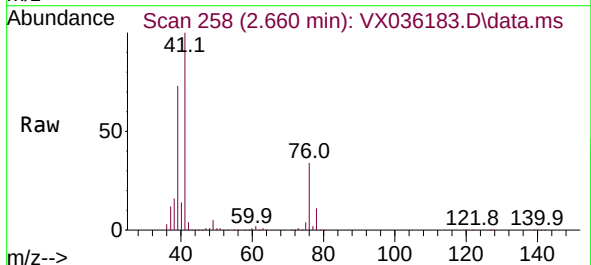
Manual Integrations
APPROVED

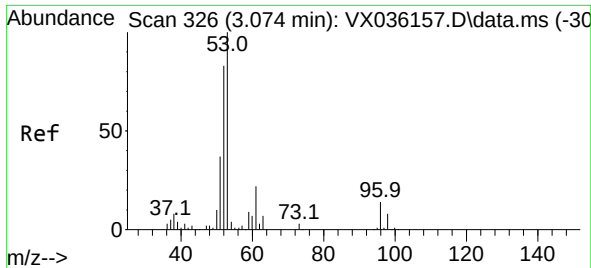
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#14
Allyl chloride
Concen: 157.116 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

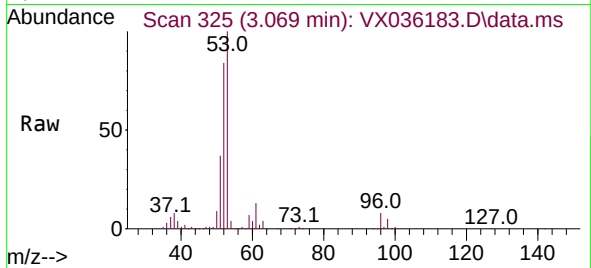
Tgt Ion: 41 Resp: 658463
Ion Ratio Lower Upper
41 100
39 68.3 55.8 83.6
76 31.9 24.3 36.5





#15
Acrylonitrile
Concen: 794.489 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

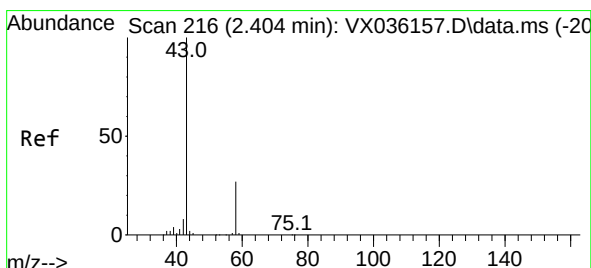
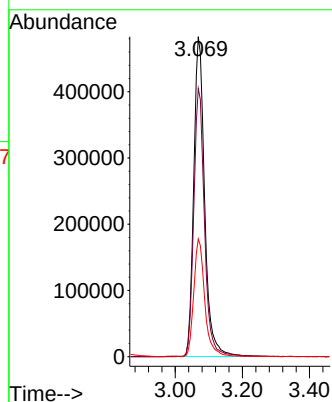
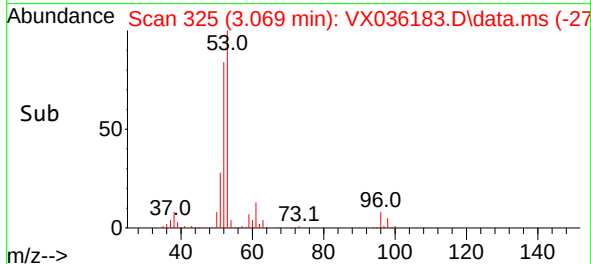
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 1089260
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.9 29.8 44.6

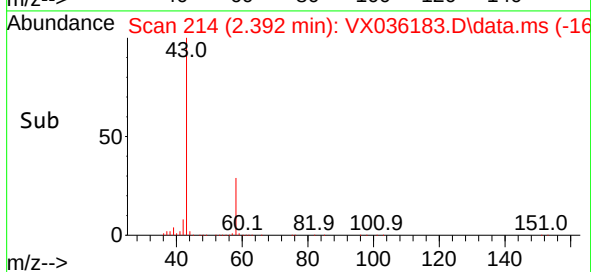
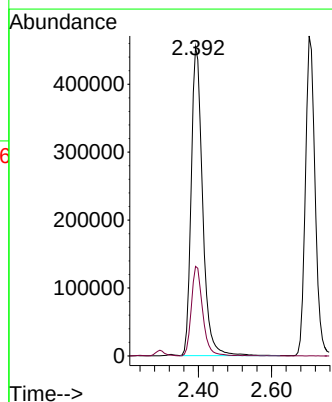
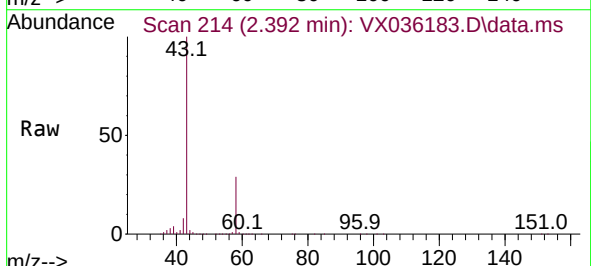
Manual Integrations
APPROVED

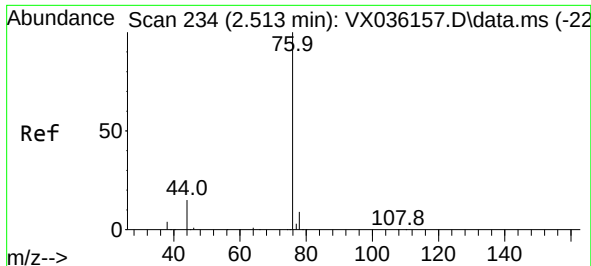
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#16
Acetone
Concen: 754.537 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 43 Resp: 985358
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





#17

Carbon Disulfide

Concen: 158.569 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 81181

Ion Ratio Lower Upper

76 100

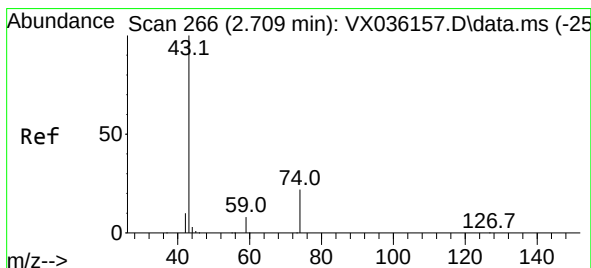
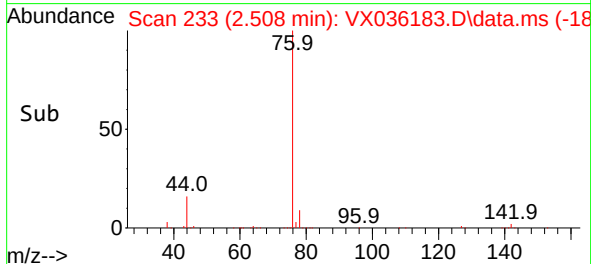
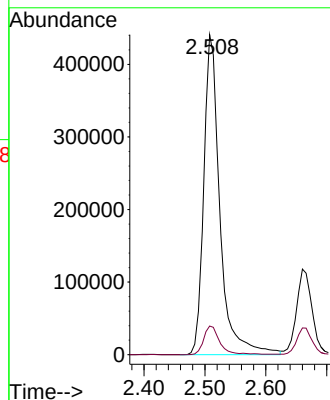
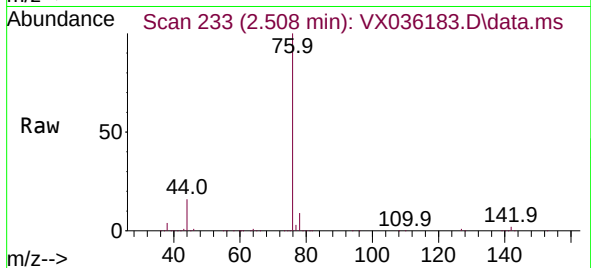
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#18

Methyl Acetate

Concen: 156.336 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036183.D

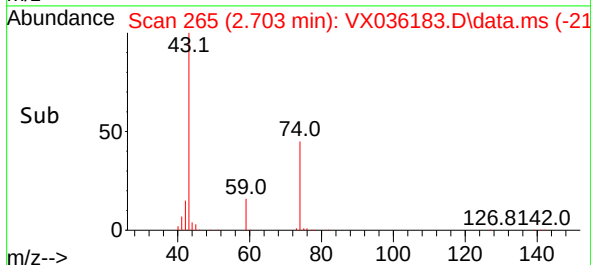
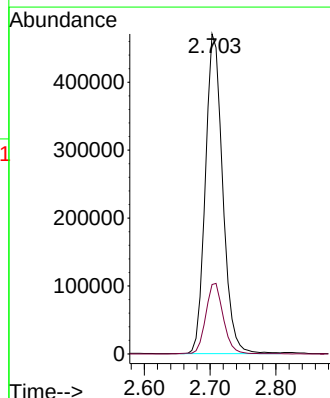
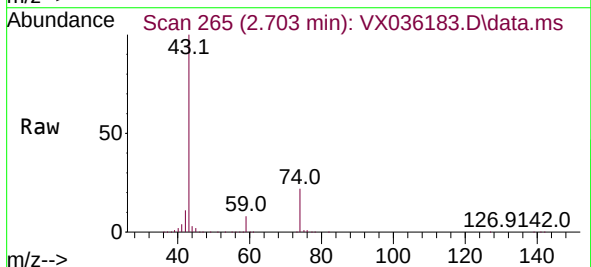
Acq: 16 Jun 2023 14:24

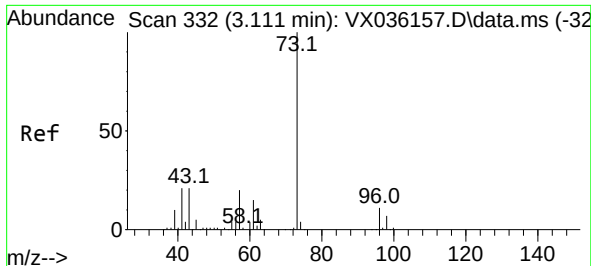
Tgt Ion: 43 Resp: 863597

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8





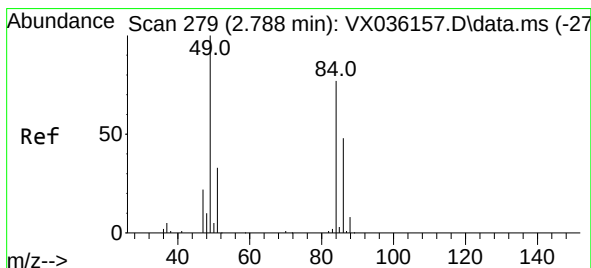
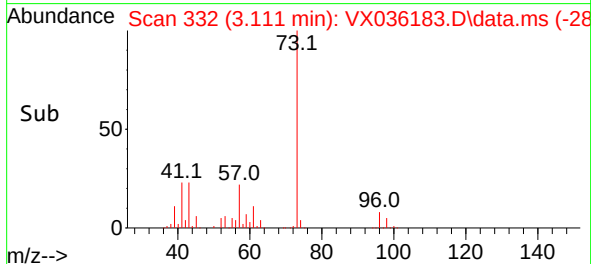
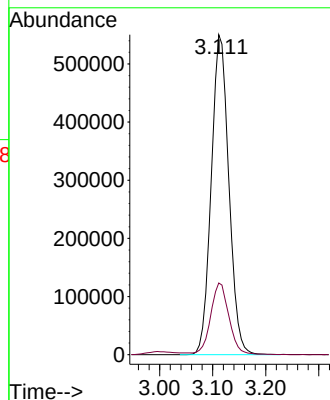
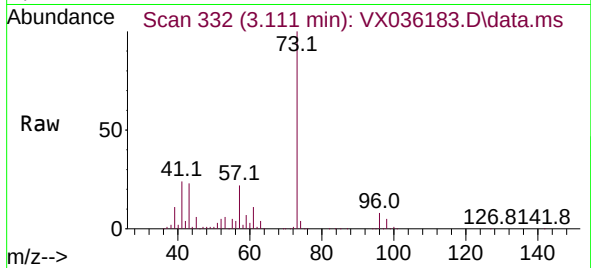
#19
Methyl tert-butyl Ether
Concen: 156.164 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 126622
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

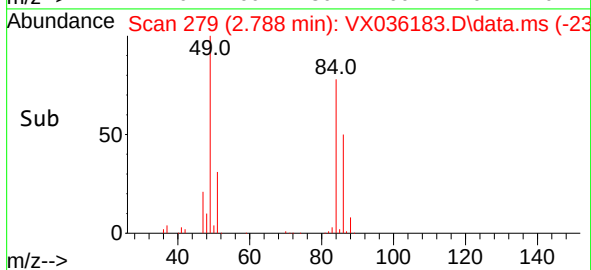
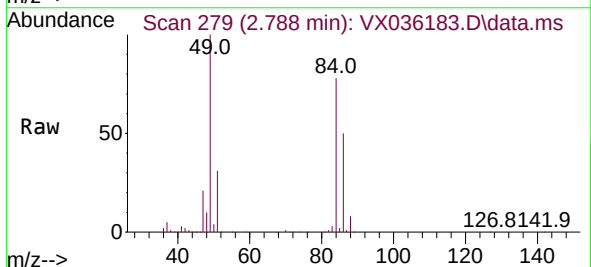
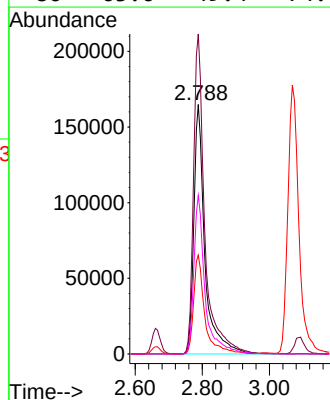
Manual Integrations
APPROVED

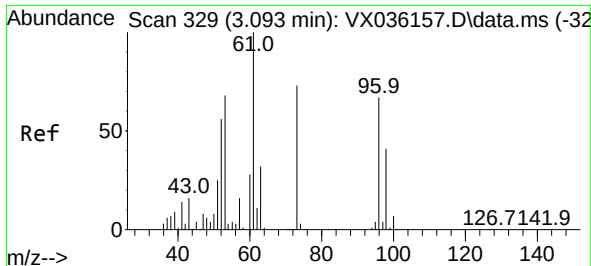
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 143.408 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

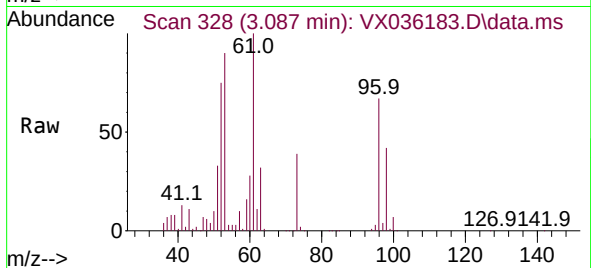
Tgt Ion: 84 Resp: 378435
Ion Ratio Lower Upper
84 100
49 128.2 103.6 155.4
51 39.6 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 150.953 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

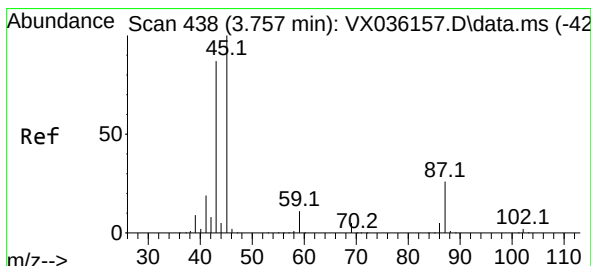
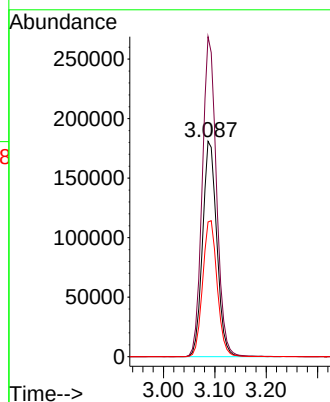
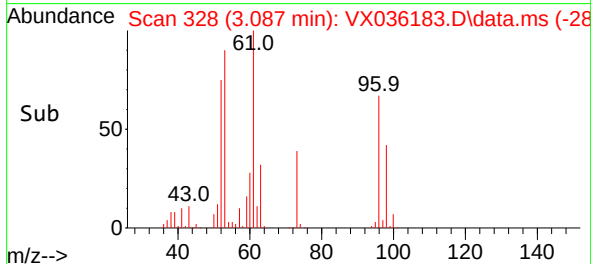
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



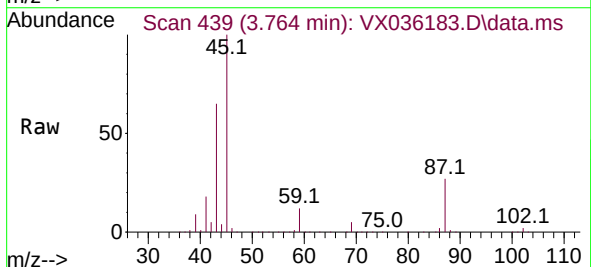
Tgt Ion: 96 Resp: 347384
Ion Ratio Lower Upper
96 100
61 148.5 119.2 178.8
98 62.5 48.7 73.1

Manual Integrations
APPROVED

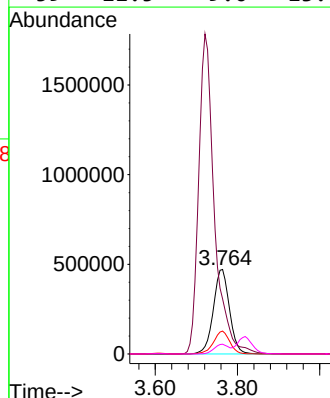
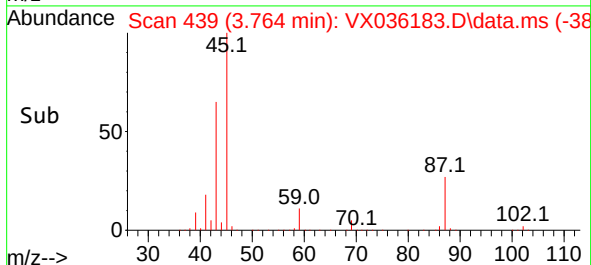
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

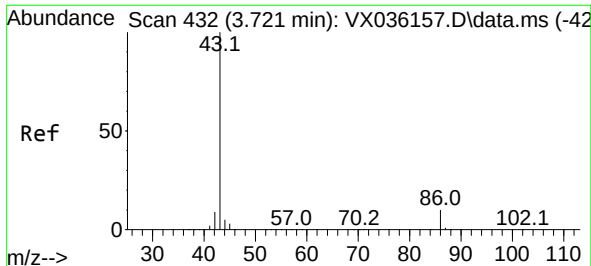


#22
Diisopropyl ether
Concen: 153.879 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion: 45 Resp: 1283317
Ion Ratio Lower Upper
45 100
43 65.0 69.7 104.5#
87 27.1 20.8 31.2
59 11.5 9.0 13.4





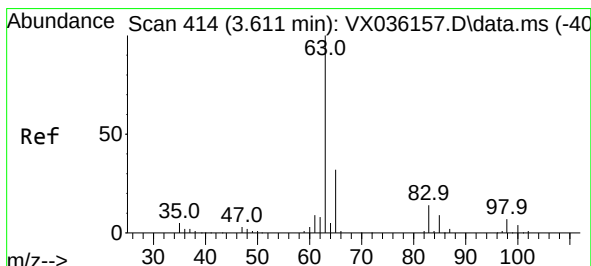
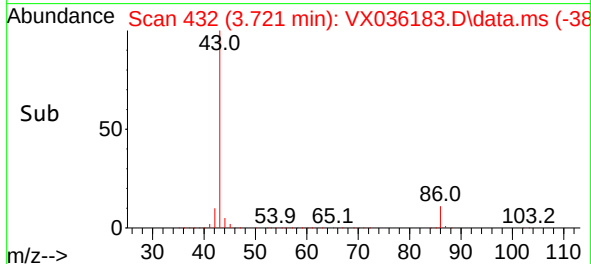
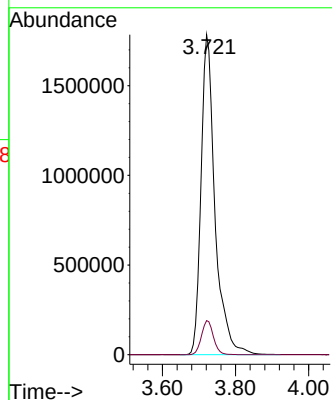
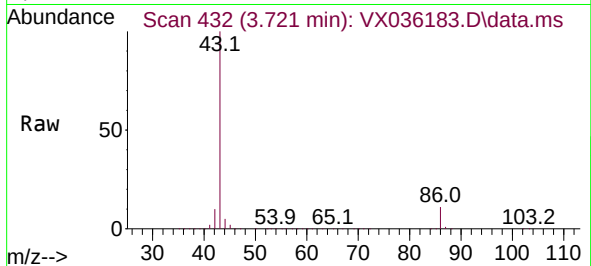
#23
 Vinyl Acetate
 Concen: 802.657 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 4744289
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

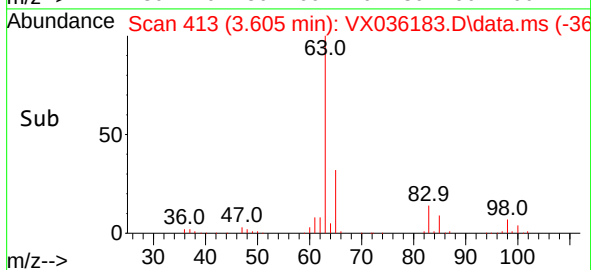
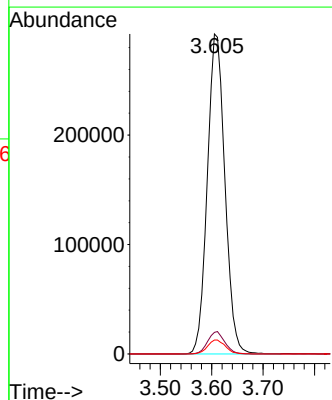
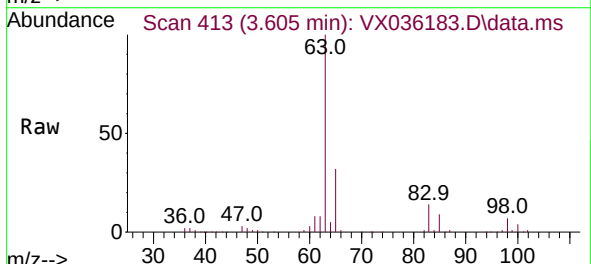
Manual Integrations
 APPROVED

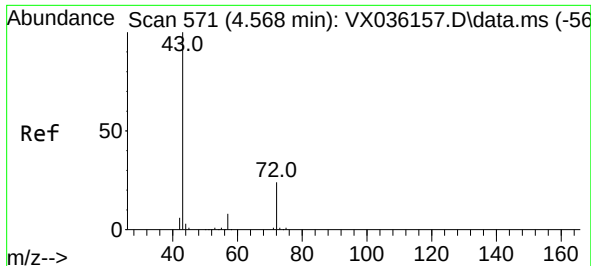
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#24
 1,1-Dichloroethane
 Concen: 150.811 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

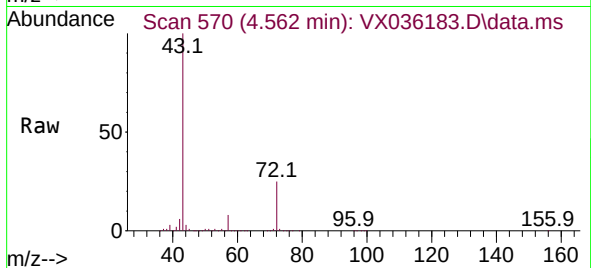
Tgt Ion: 63 Resp: 694902
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 766.472 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

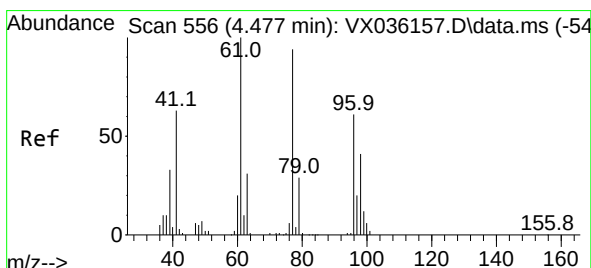
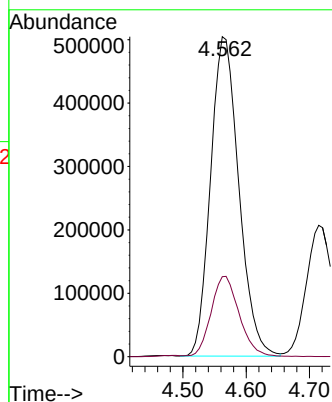
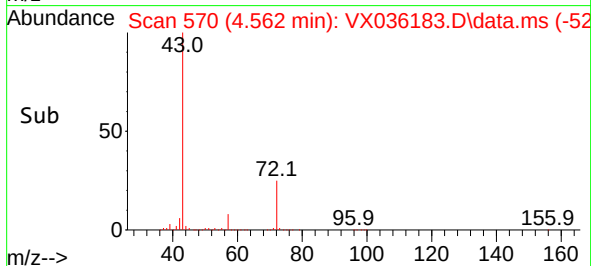
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1562690
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

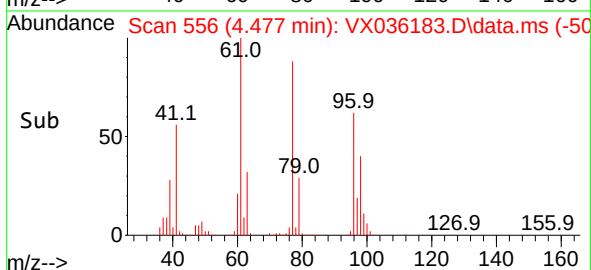
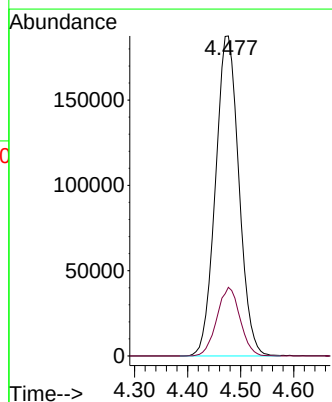
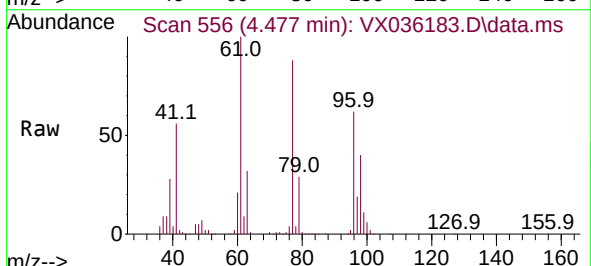
Manual Integrations
APPROVED

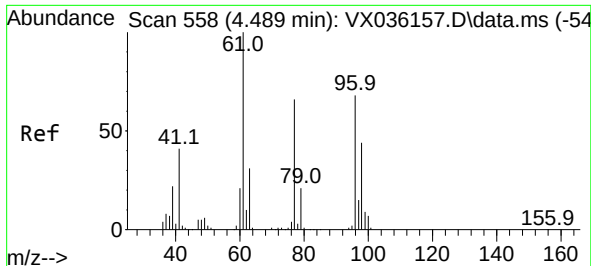
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#26
2,2-Dichloropropane
Concen: 160.481 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 77 Resp: 575036
Ion Ratio Lower Upper
77 100
97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 158.218 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 41635

Ion Ratio Lower Upper

96 100

61 156.1 0.0 312.2

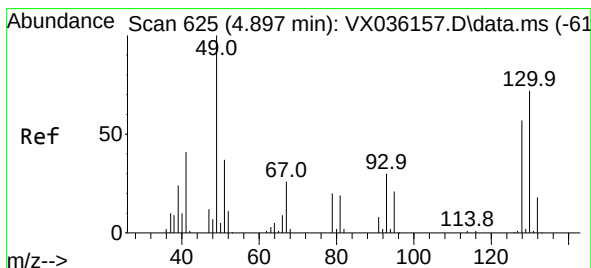
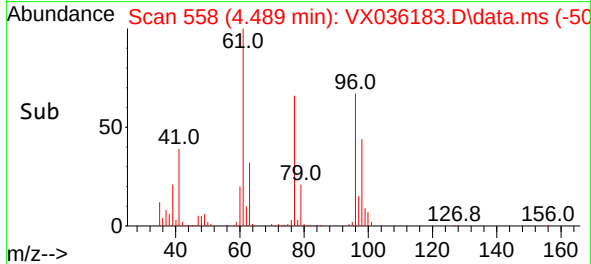
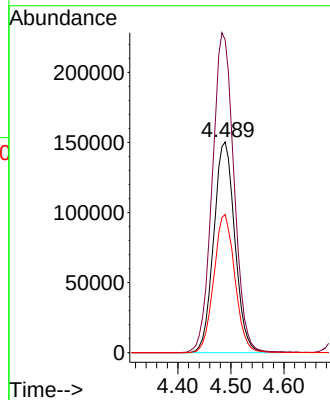
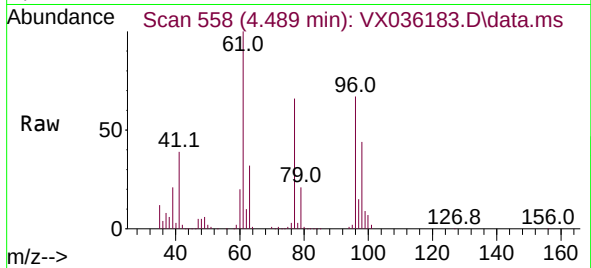
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#28

Bromochloromethane

Concen: 145.159 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

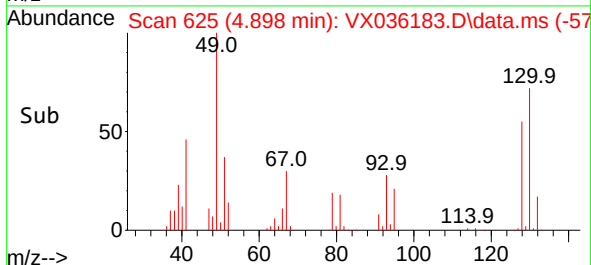
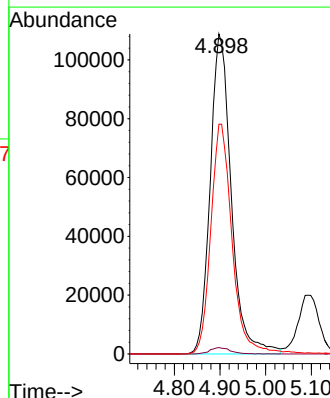
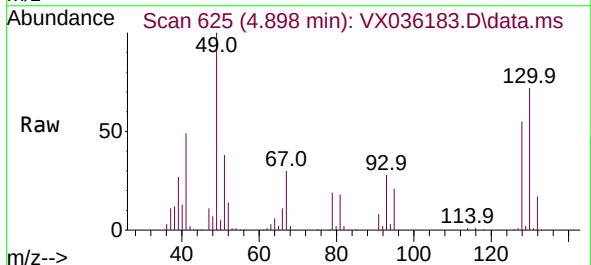
Tgt Ion: 49 Resp: 348673

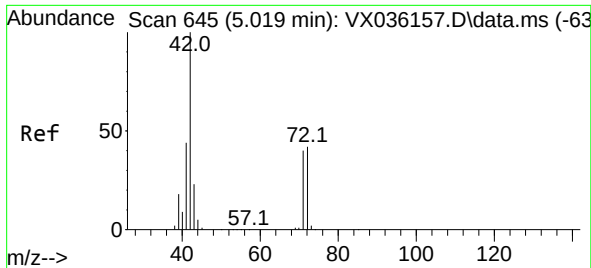
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

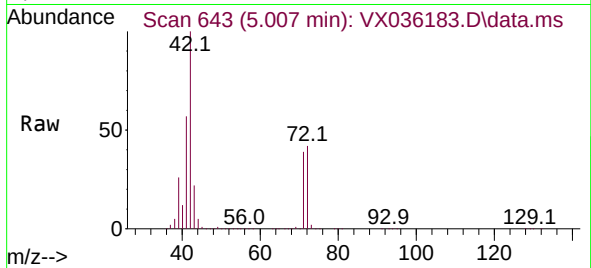
130 72.5 57.5 86.3





#29
Tetrahydrofuran
Concen: 799.454 ug/l
RT: 5.007 min Scan# 645
Delta R.T. -0.012 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

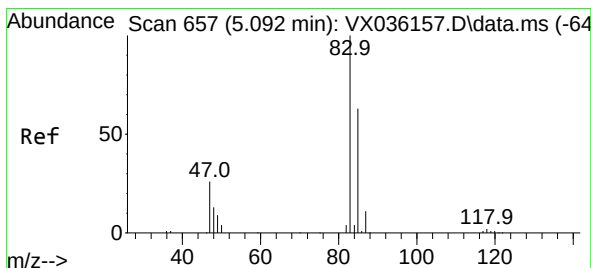
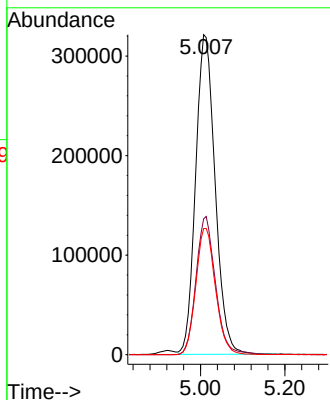
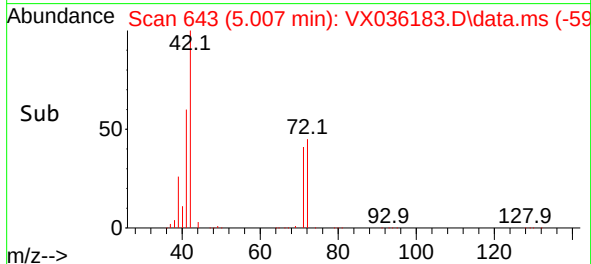
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 42 Resp: 103523
Ion Ratio Lower Upper
42 100
72 43.0 34.2 51.4
71 39.8 32.2 48.2

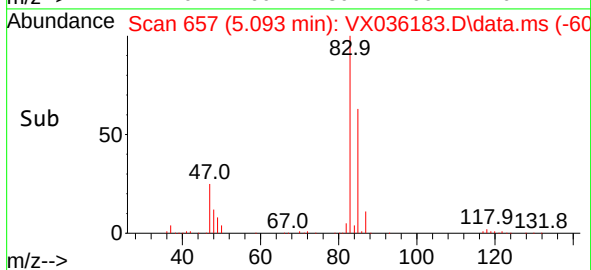
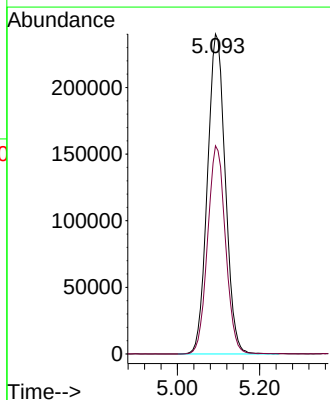
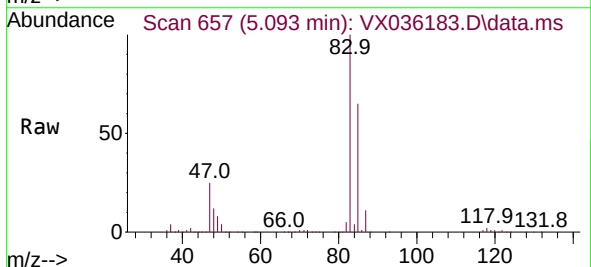
Manual Integrations
APPROVED

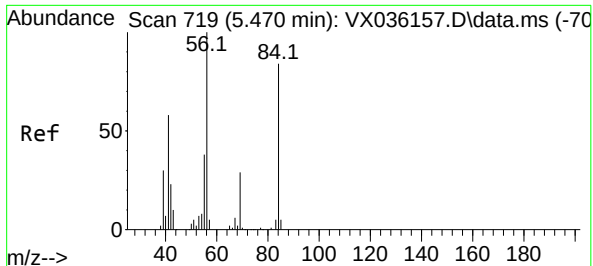
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#30
Chloroform
Concen: 149.321 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

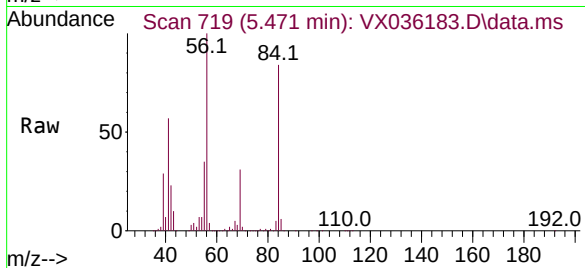
Tgt Ion: 83 Resp: 724619
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 145.246 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

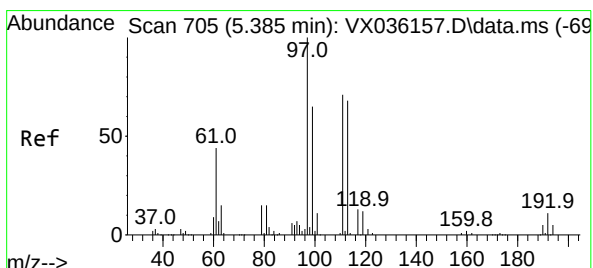
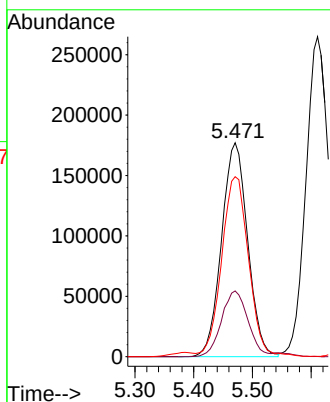
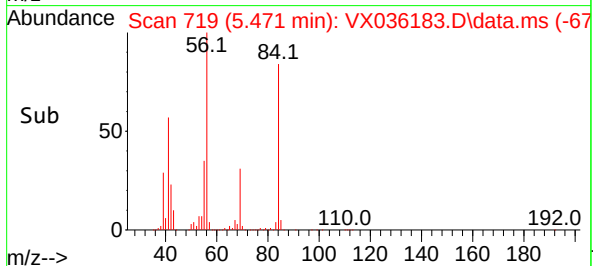
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 54624
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.2
84 82.6 65.9 98.9

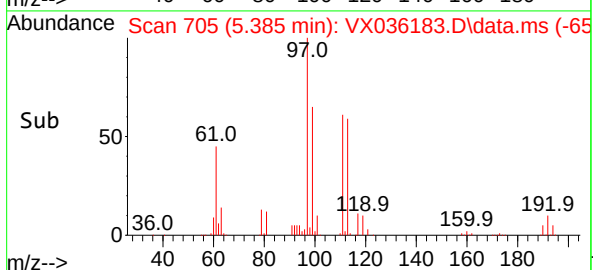
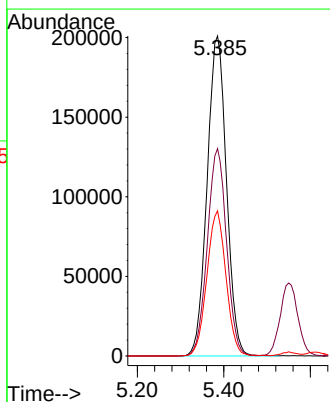
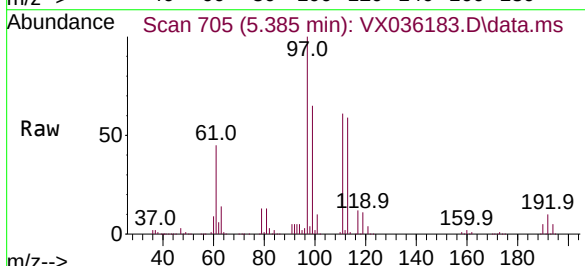
Manual Integrations
APPROVED

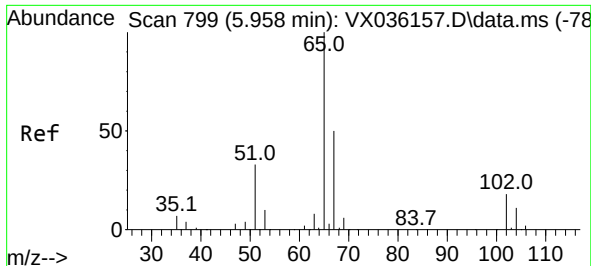
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#32
1,1,1-Trichloroethane
Concen: 151.597 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

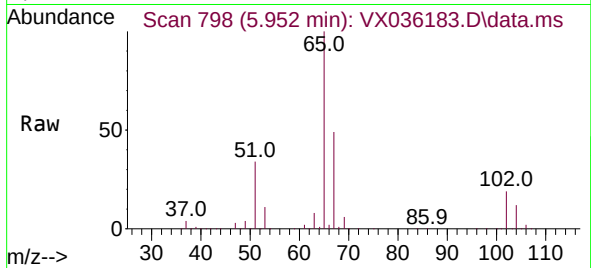
Tgt Ion: 97 Resp: 623705
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 44.9 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 140.723 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

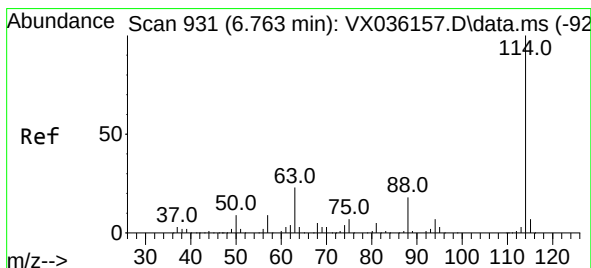
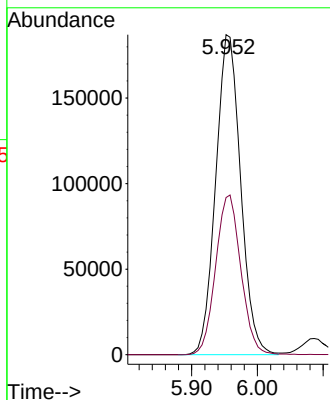
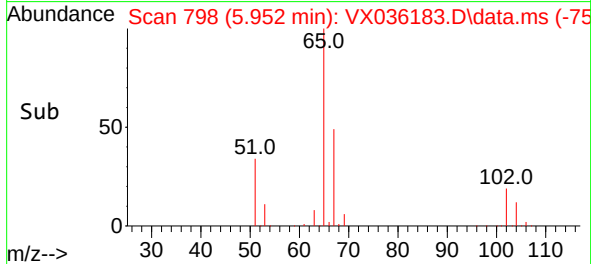
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



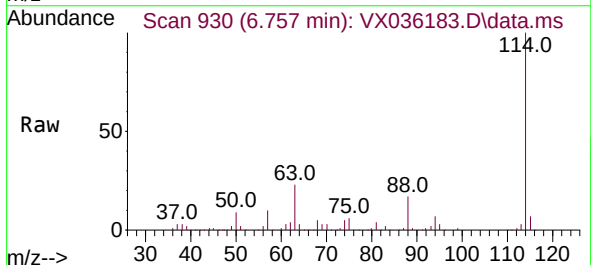
Tgt Ion: 65 Resp: 493330
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

Manual Integrations
APPROVED

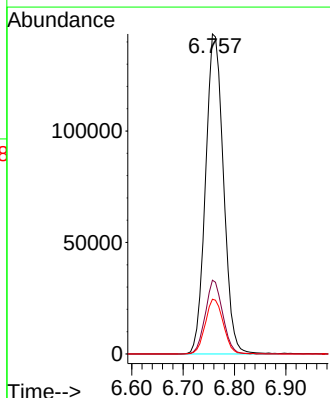
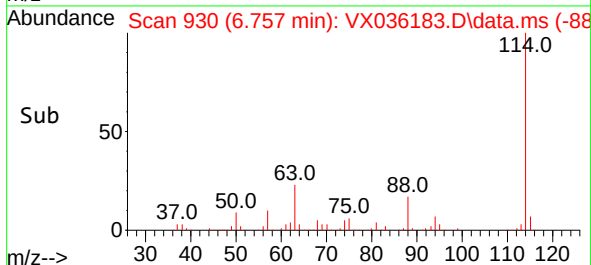
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

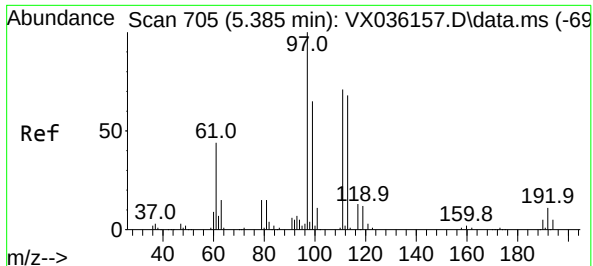


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion:114 Resp: 347754
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 149.372 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 35224

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

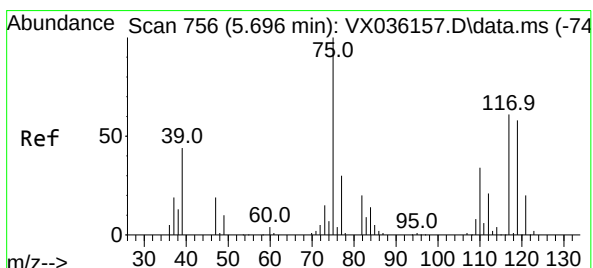
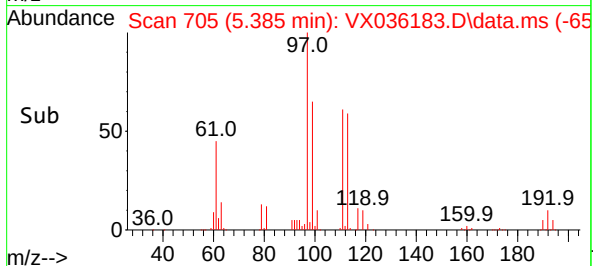
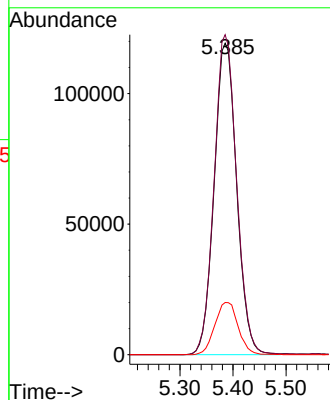
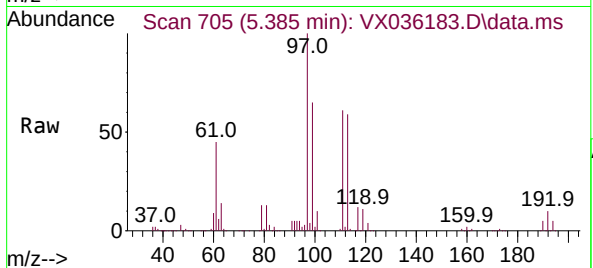
192 17.3 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#36

1,1-Dichloropropene

Concen: 144.973 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

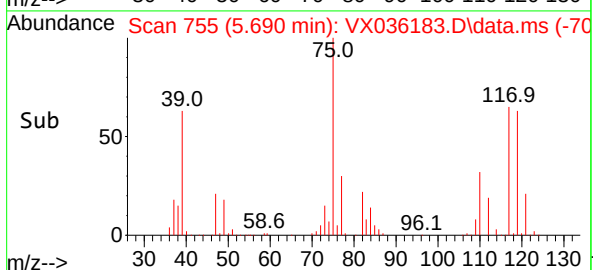
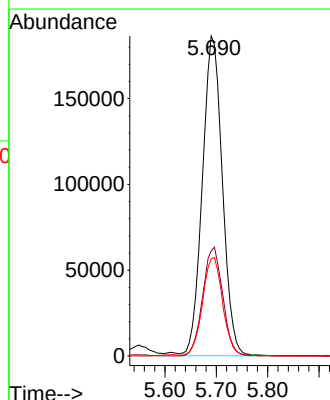
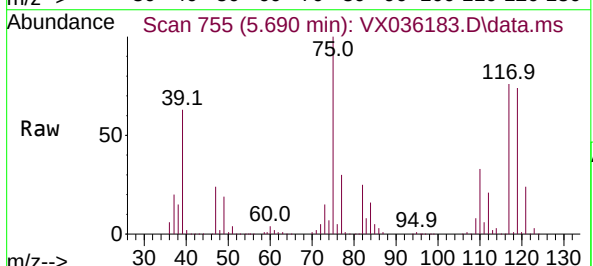
Tgt Ion: 75 Resp: 503593

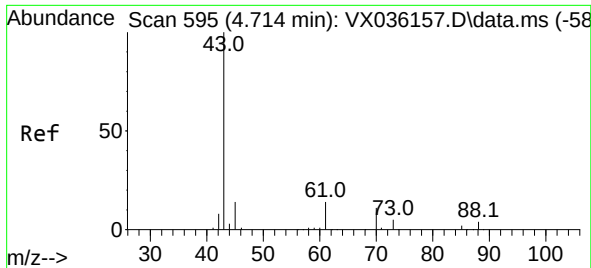
Ion Ratio Lower Upper

75 100

110 34.1 17.0 50.9

77 30.8 24.7 37.1





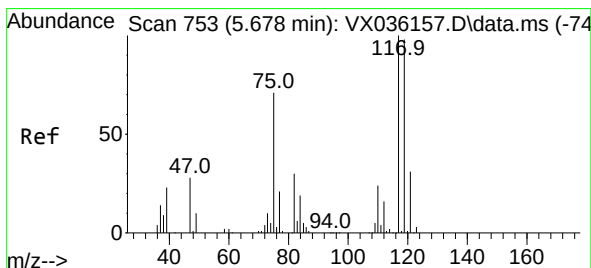
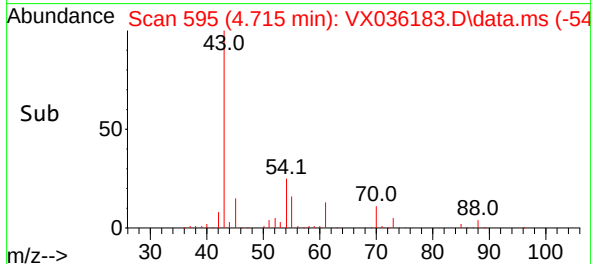
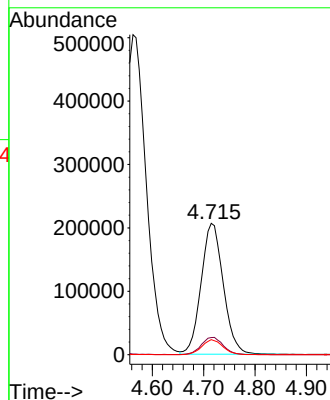
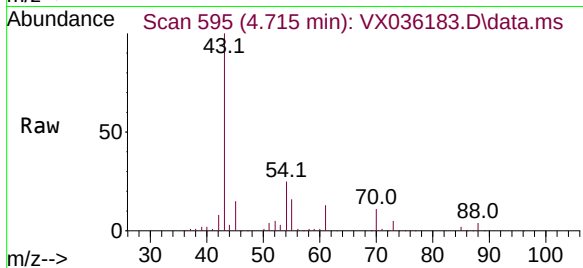
#37
Ethyl Acetate
Concen: 153.004 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 619229
Ion Ratio Lower Upper
43 100
61 12.8 10.6 16.0
70 10.9 8.3 12.5

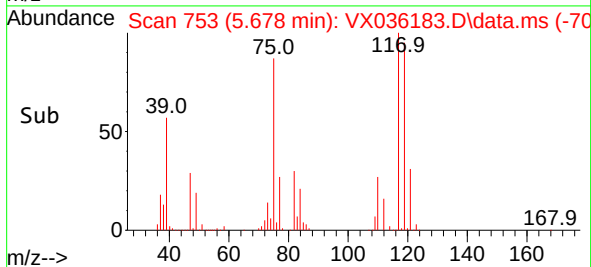
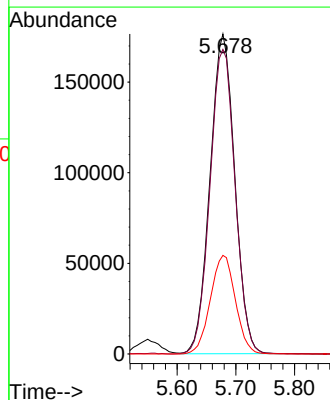
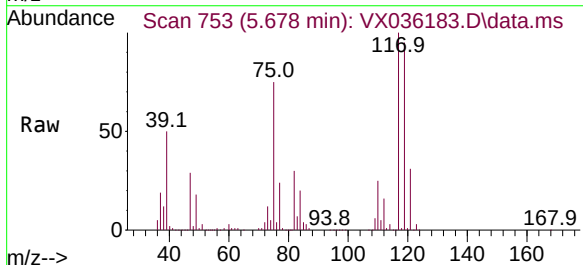
Manual Integrations
APPROVED

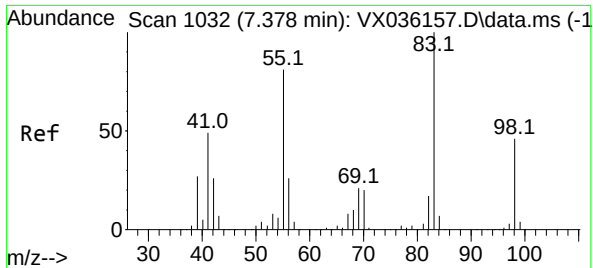
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#38
Carbon Tetrachloride
Concen: 152.821 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

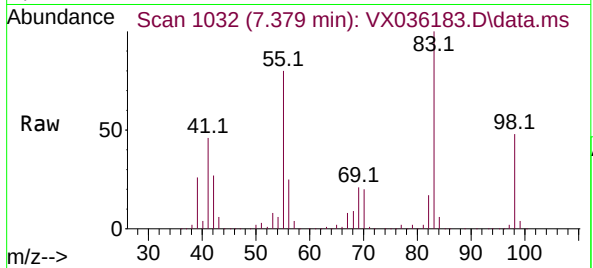
Tgt Ion:117 Resp: 516052
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.2
121 30.8 24.4 36.6





#39
Methylcyclohexane
Concen: 148.459 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

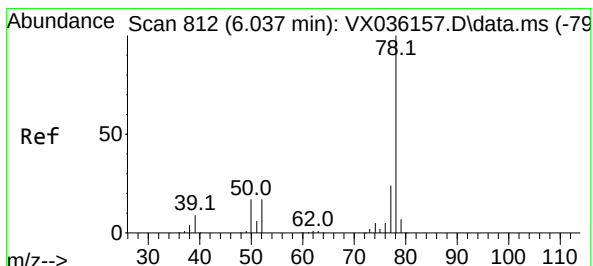
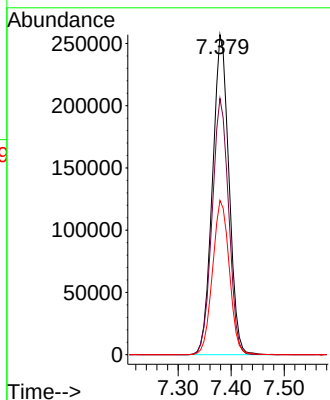
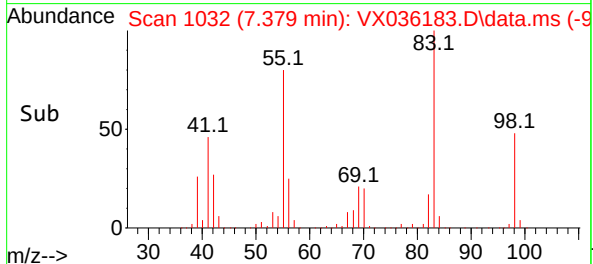
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 55541
Ion Ratio Lower Upper
83 100
55 80.1 64.6 97.0
98 48.2 36.7 55.1

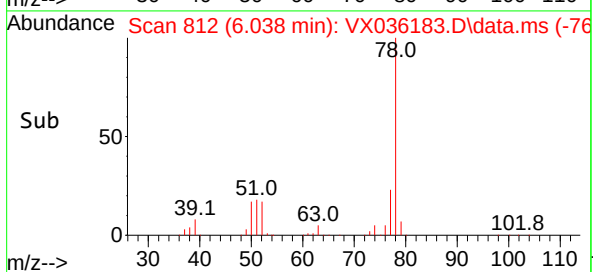
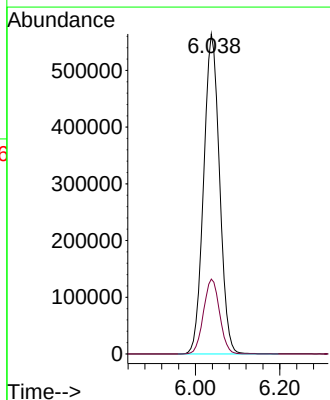
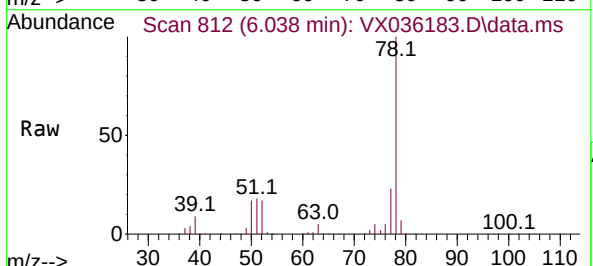
Manual Integrations
APPROVED

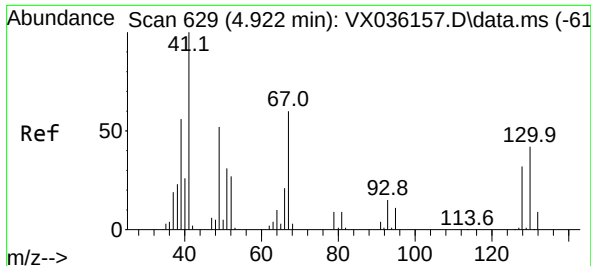
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 151.637 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 78 Resp: 1481267
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 158.317 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

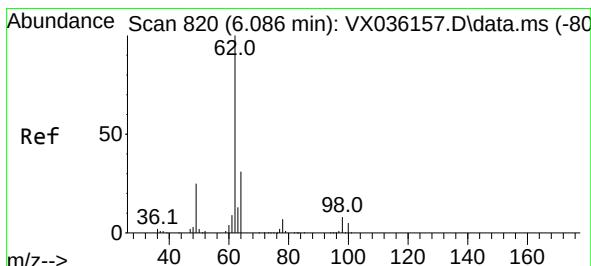
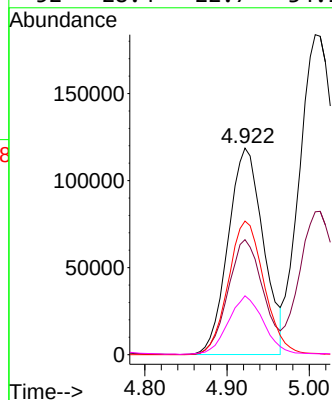
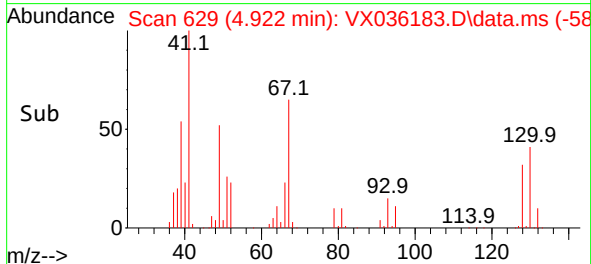
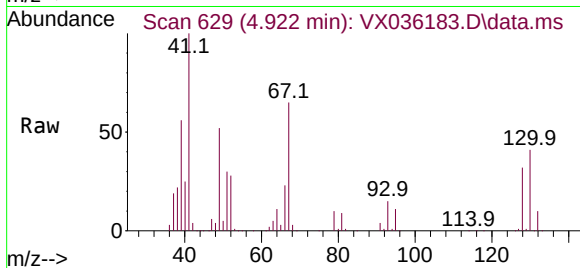
VSTDICC150

Tgt Ion: 41 Resp: 35325
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 66.2 52.6 78.8
52 28.4 22.7 34.1

Manual Integrations

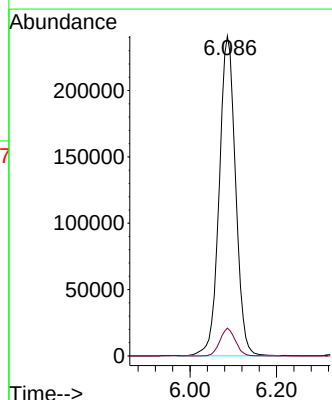
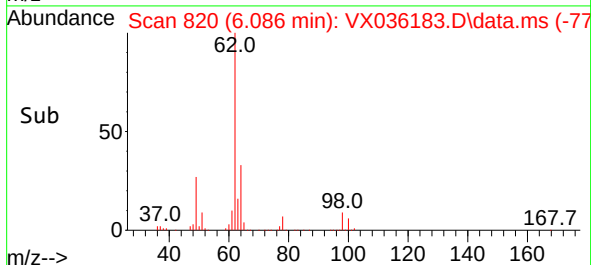
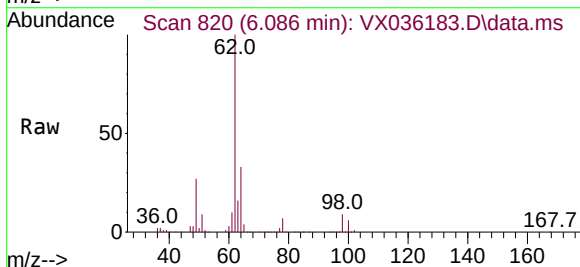
APPROVED

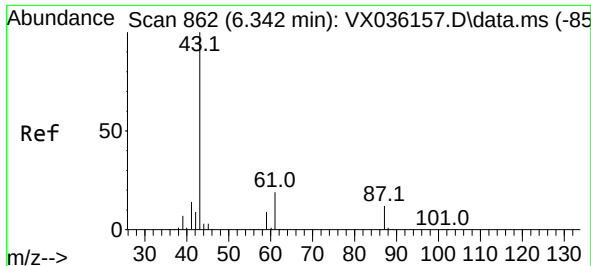
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#42
1,2-Dichloroethane
Concen: 144.117 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 62 Resp: 634218
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 166.684 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 103238

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

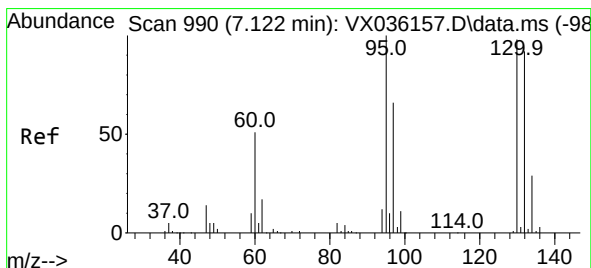
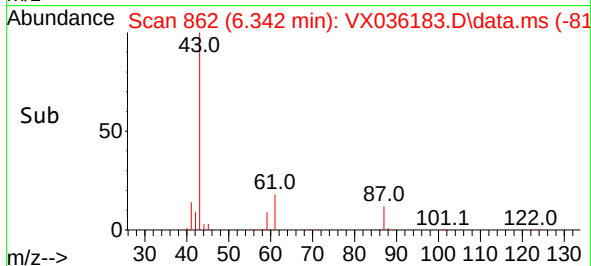
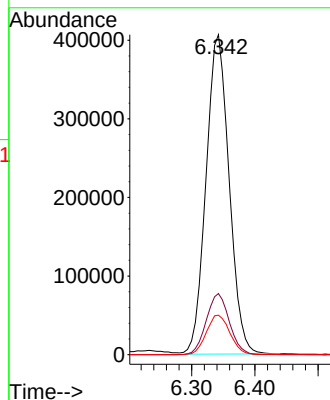
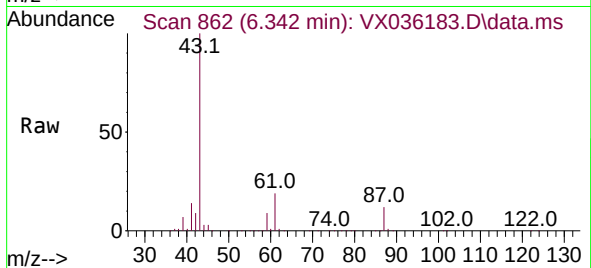
87 12.7 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 154.476 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.001 min

Lab File: VX036183.D

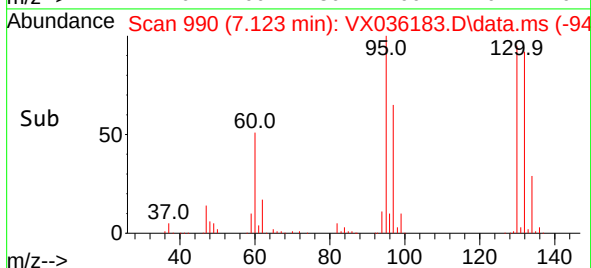
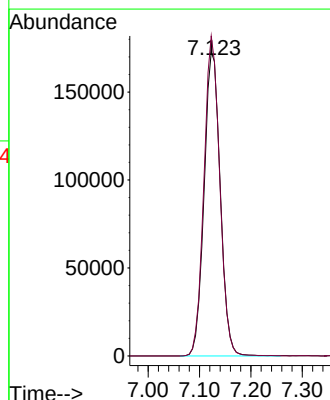
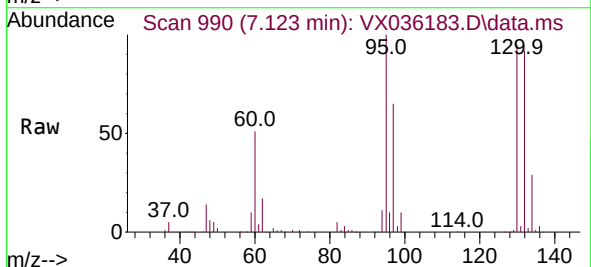
Acq: 16 Jun 2023 14:24

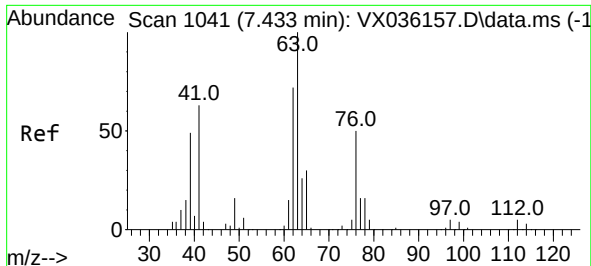
Tgt Ion:130 Resp: 377085

Ion Ratio Lower Upper

130 100

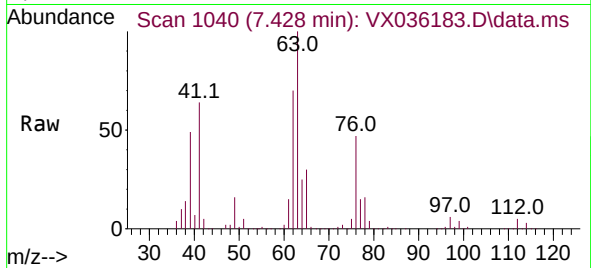
95 105.3 0.0 204.4





#45
1,2-Dichloropropane
Concen: 153.826 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.005 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

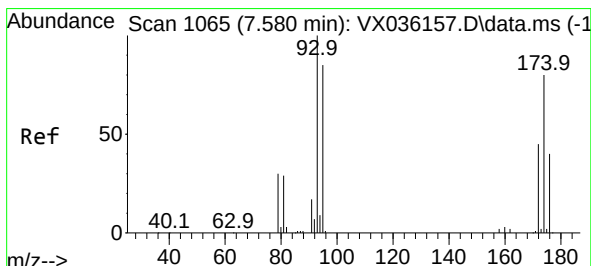
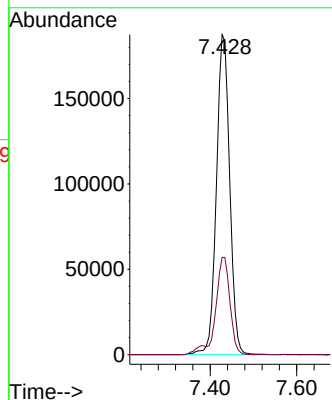
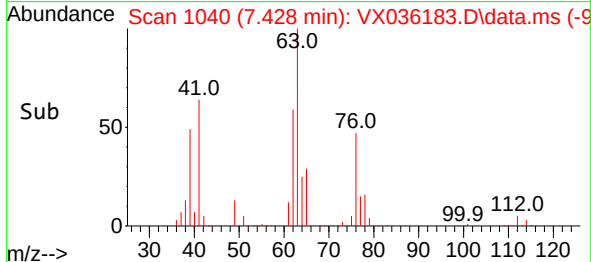
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 39949
Ion Ratio Lower Upper
63 100
65 30.4 24.3 36.5

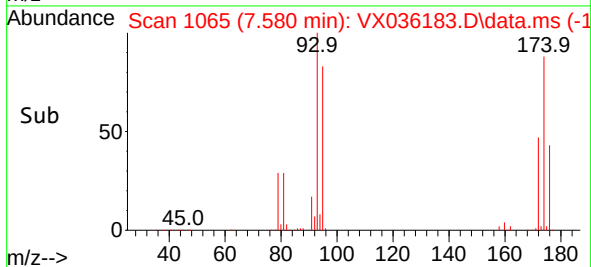
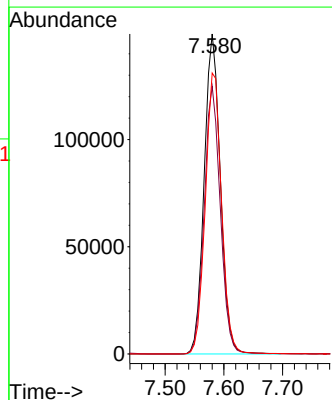
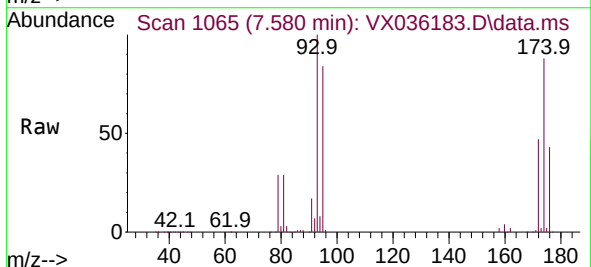
Manual Integrations
APPROVED

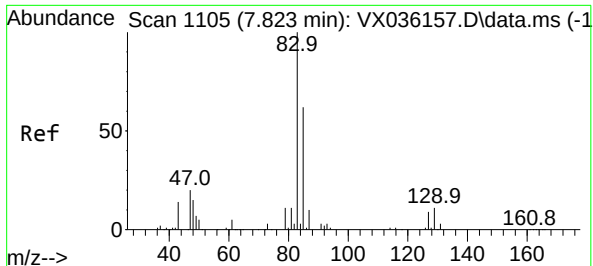
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#46
Dibromomethane
Concen: 154.676 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

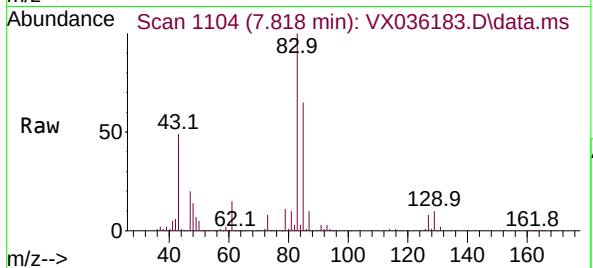
Tgt Ion: 93 Resp: 286165
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 88.6 69.4 104.0





#47
Bromodichloromethane
Concen: 161.201 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

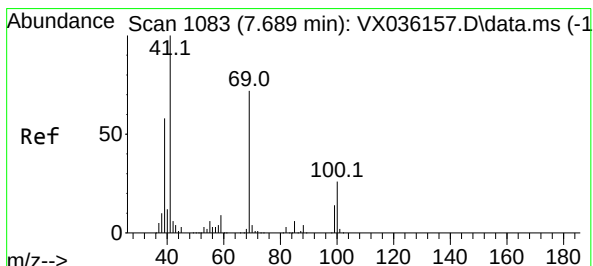
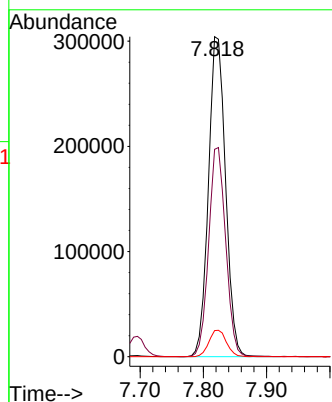
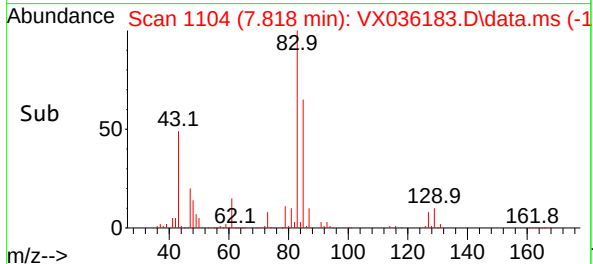
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 572550
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 8.1 7.1 10.7

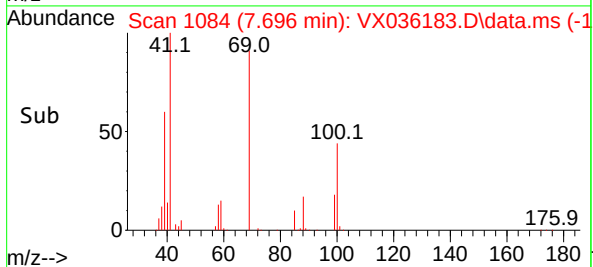
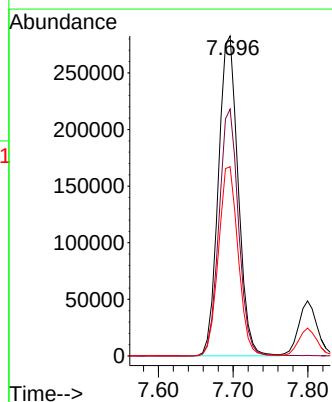
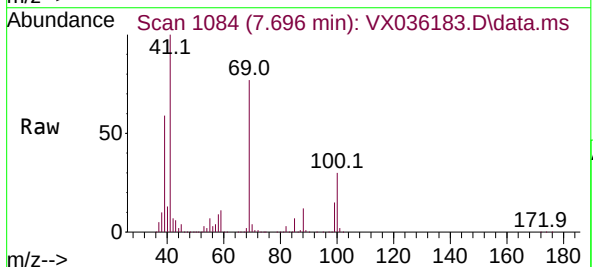
Manual Integrations
APPROVED

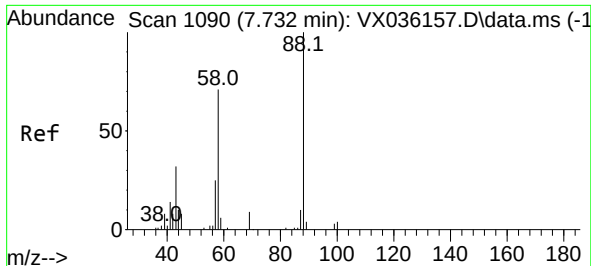
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#48
Methyl methacrylate
Concen: 163.149 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 41 Resp: 518440
Ion Ratio Lower Upper
41 100
69 76.5 59.2 88.8
39 59.2 47.7 71.5





#49

1,4-Dioxane

Concen: 3328.632 ug/l

RT: 7.714 min Scan# 1090

Delta R.T. -0.018 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 177090

Ion Ratio Lower Upper

88 100

43 35.0 0.0 0.0

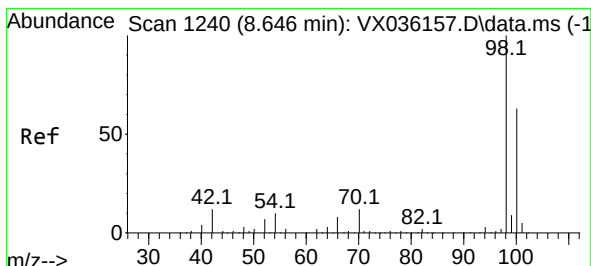
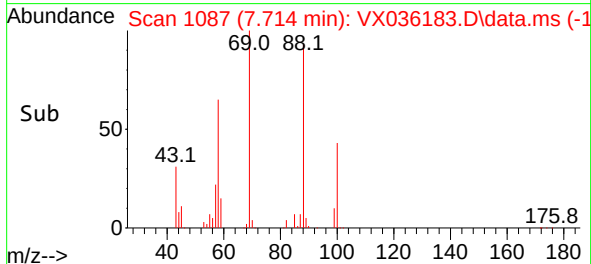
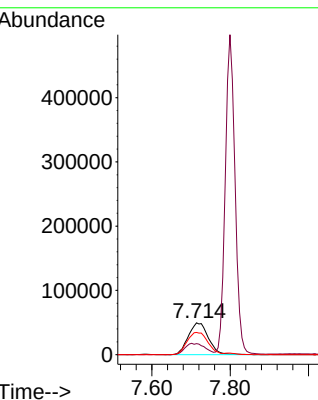
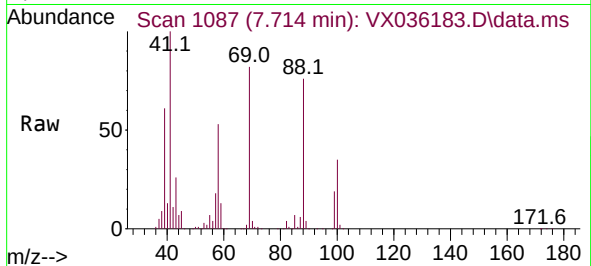
58 72.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 144.873 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036183.D

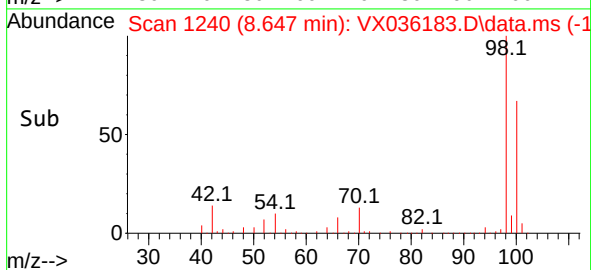
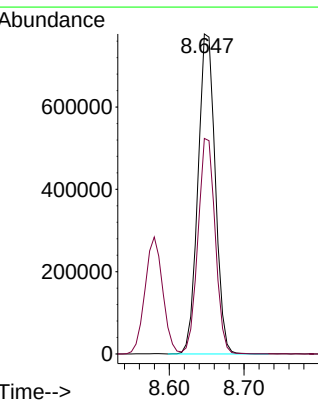
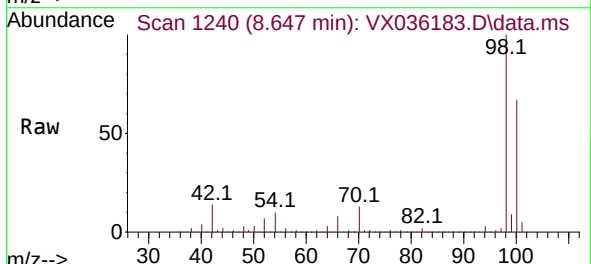
Acq: 16 Jun 2023 14:24

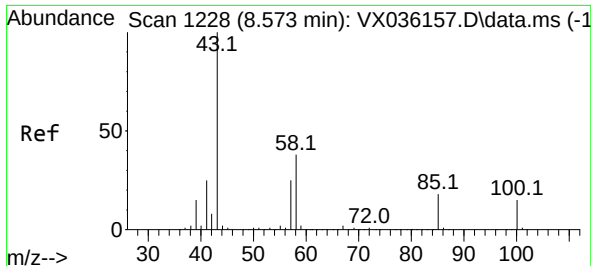
Tgt Ion: 98 Resp: 1249674

Ion Ratio Lower Upper

98 100

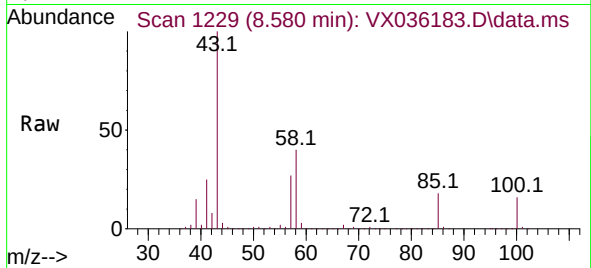
100 67.0 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 747.174 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

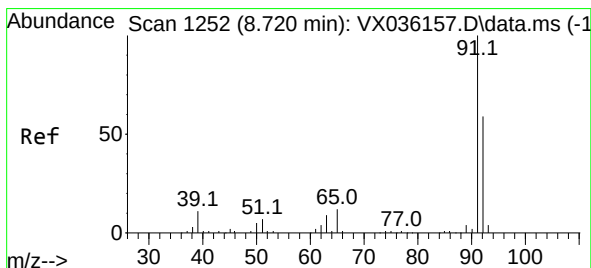
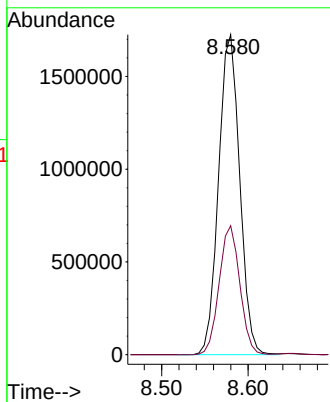
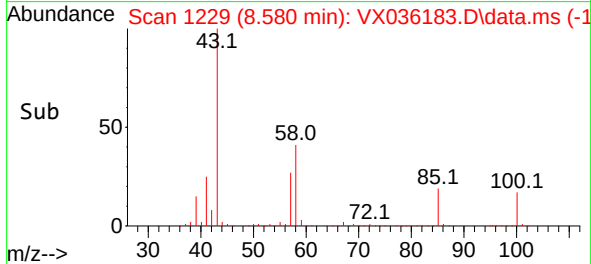
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 2922090
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6

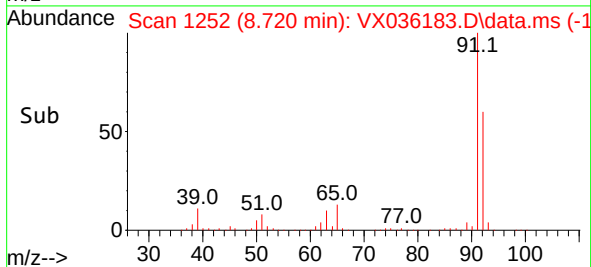
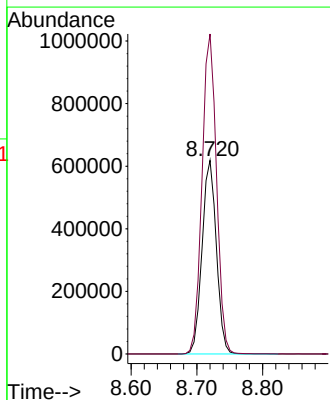
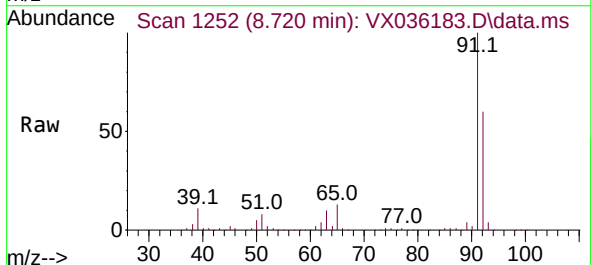
Manual Integrations
APPROVED

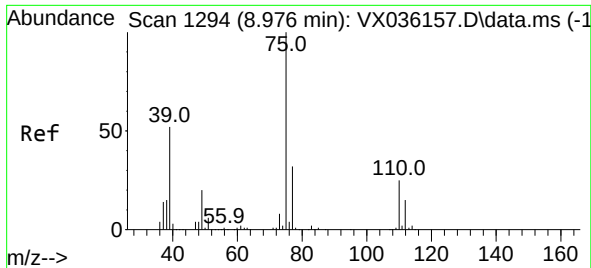
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#52
Toluene
Concen: 152.930 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

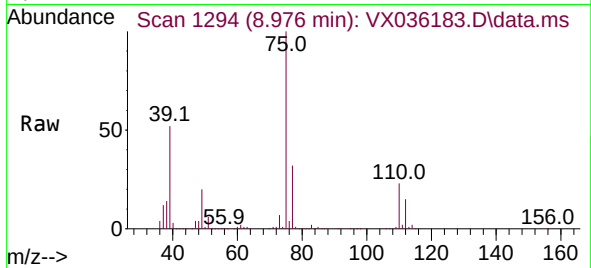
Tgt Ion: 92 Resp: 935317
Ion Ratio Lower Upper
92 100
91 167.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 152.100 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

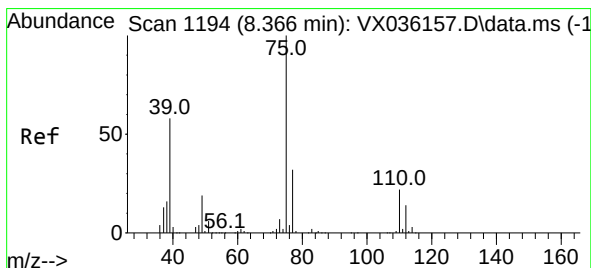
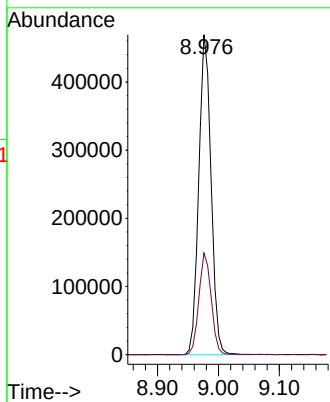
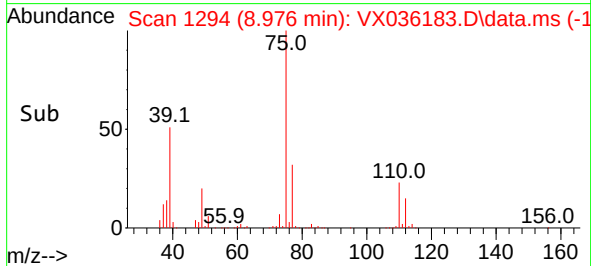
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



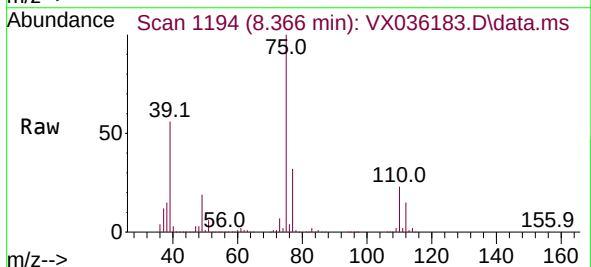
Tgt Ion: 75 Resp: 65842
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations
APPROVED

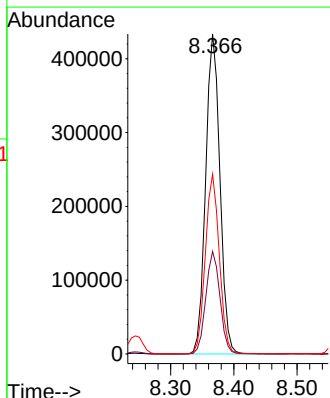
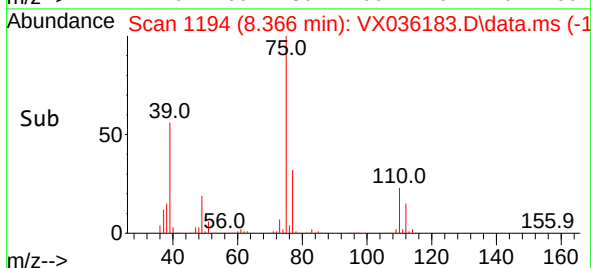
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

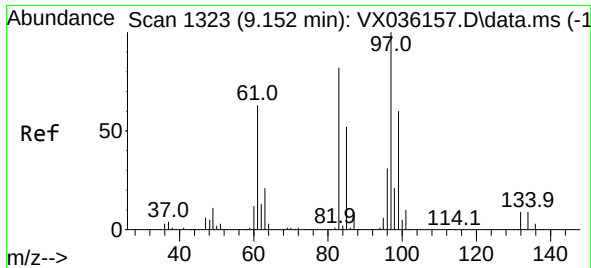


#54
cis-1,3-Dichloropropene
Concen: 151.973 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion: 75 Resp: 680134
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
39 56.1 46.7 70.1





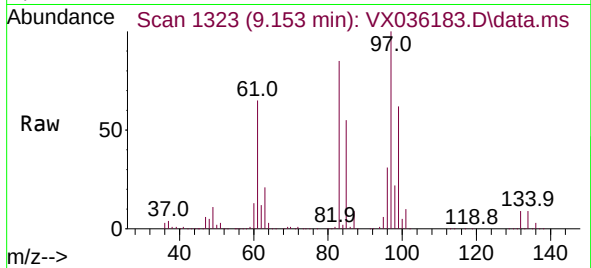
#55
1,1,2-Trichloroethane
Concen: 157.903 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



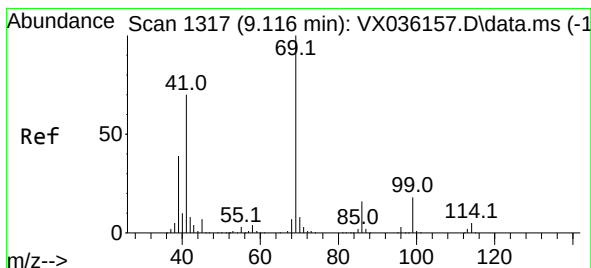
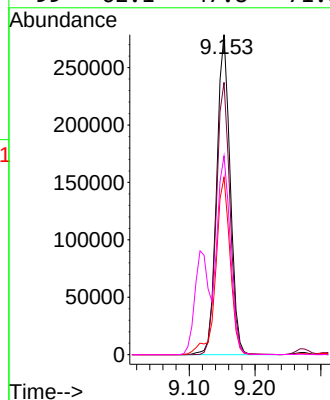
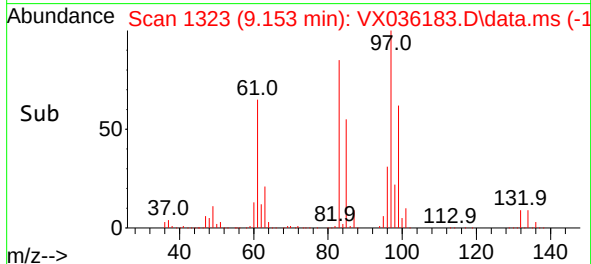
Tgt Ion: 97 Resp: 39868
Ion Ratio Lower Upper
97 100
83 85.1 65.8 98.8
85 55.4 41.6 62.4
99 62.1 47.8 71.8

Manual Integrations

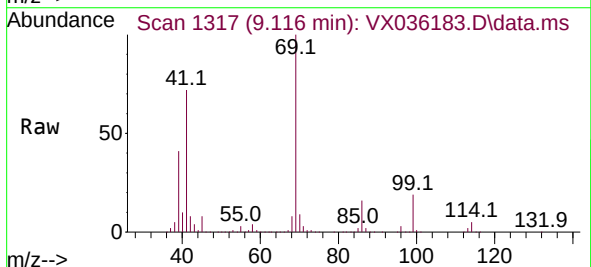
APPROVED

Reviewed By :John Carlone 06/16/2023

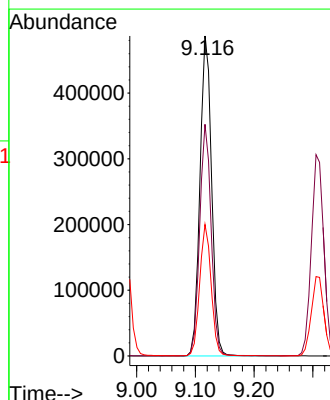
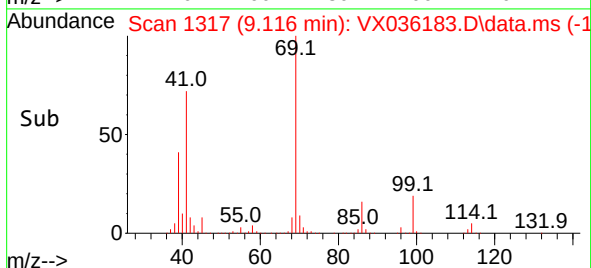
Supervised By :Mahesh Dadoda 06/19/2023

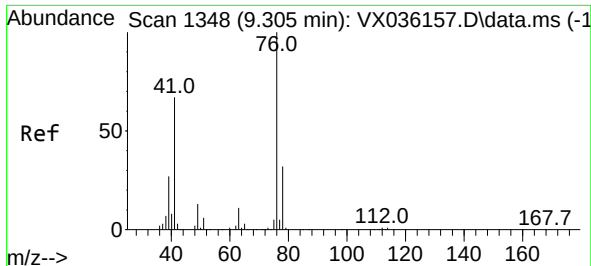


#56
Ethyl methacrylate
Concen: 152.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion: 69 Resp: 669916
Ion Ratio Lower Upper
69 100
41 71.4 56.8 85.2
39 40.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 155.947 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 700463

Ion Ratio Lower Upper

76 100

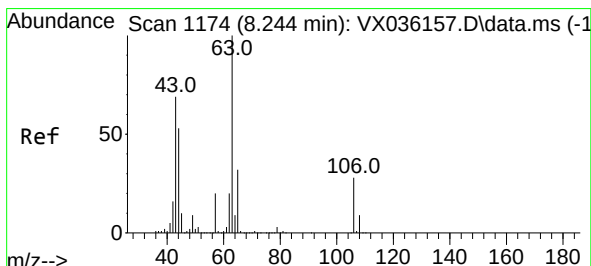
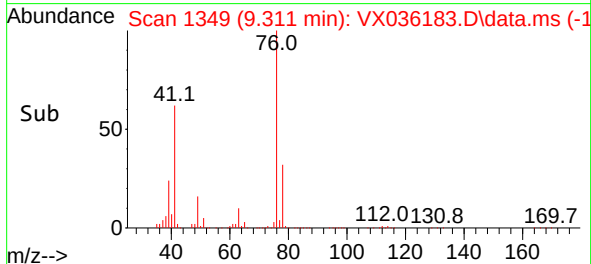
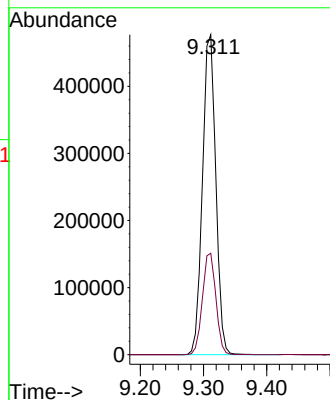
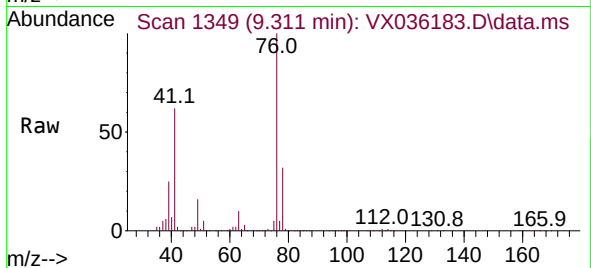
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 823.707 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036183.D

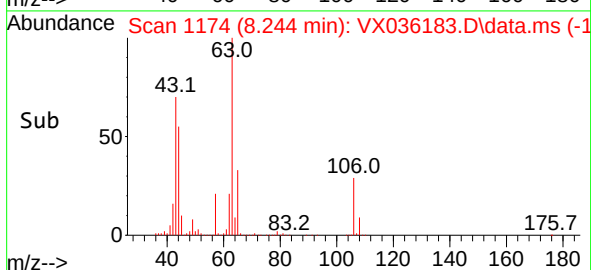
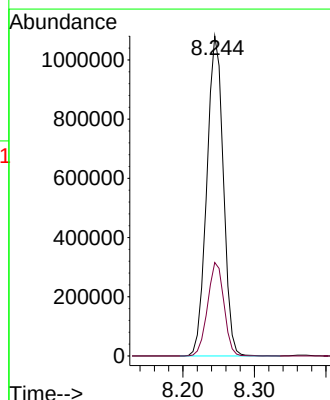
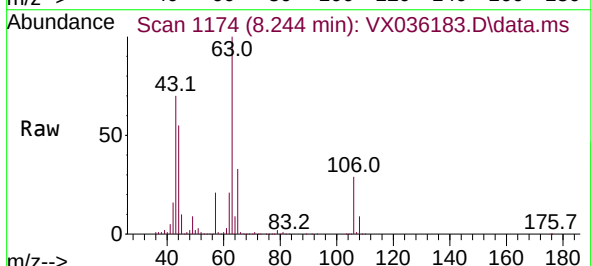
Acq: 16 Jun 2023 14:24

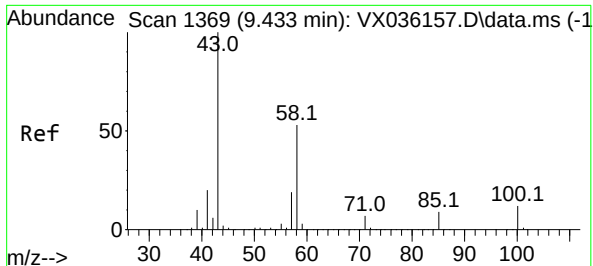
Tgt Ion: 63 Resp: 1731594

Ion Ratio Lower Upper

63 100

106 28.9 22.5 33.7





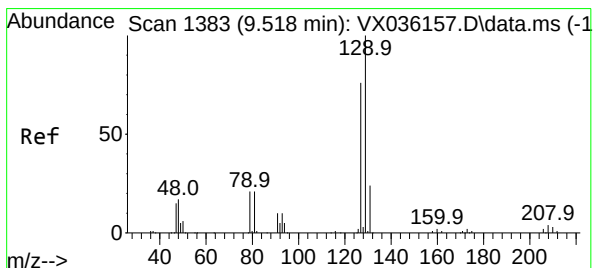
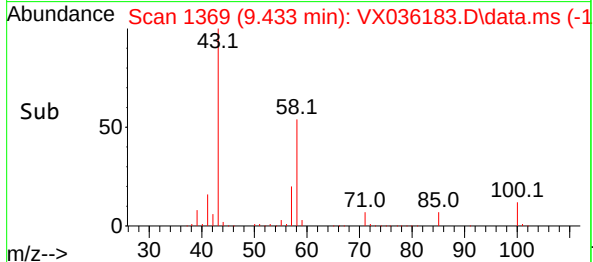
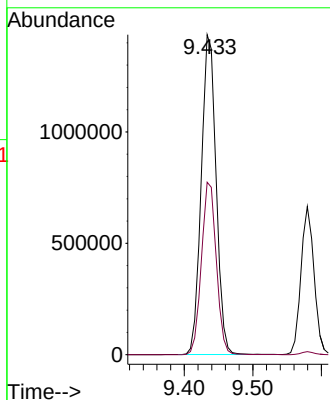
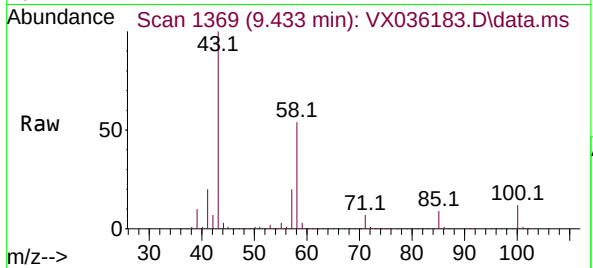
#59
2-Hexanone
Concen: 746.659 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 2170910
Ion Ratio Lower Upper
43 100
58 54.0 26.2 78.5

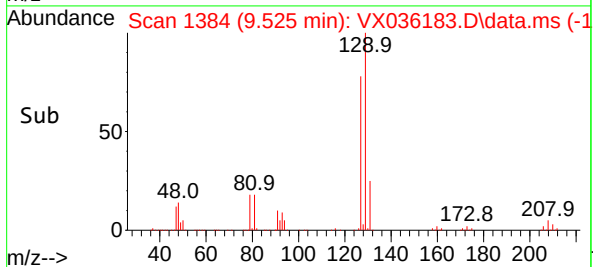
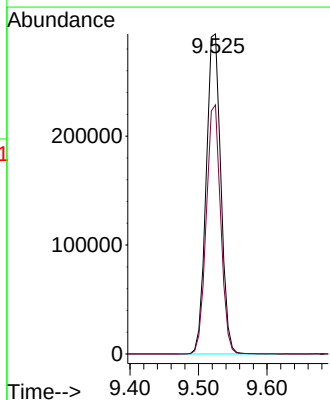
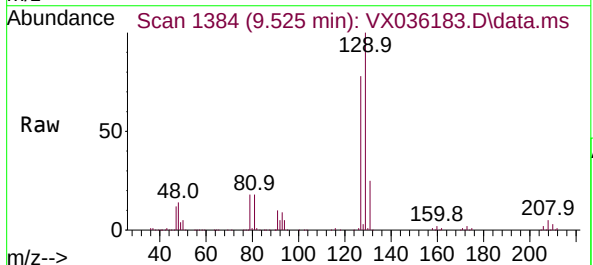
Manual Integrations
APPROVED

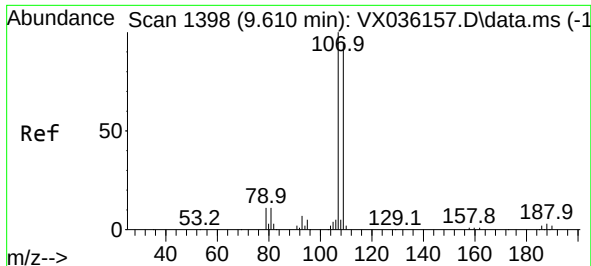
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 177.446 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

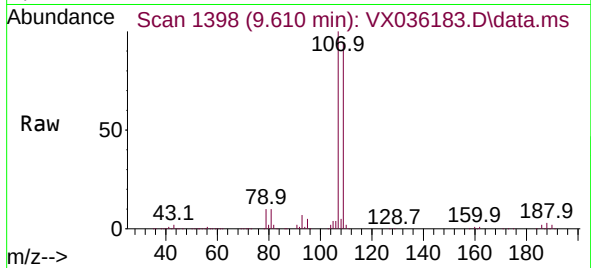
Tgt Ion:129 Resp: 437294
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 164.992 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

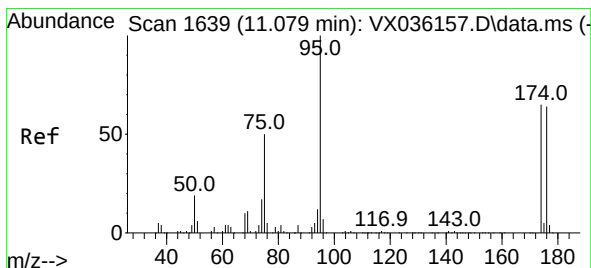
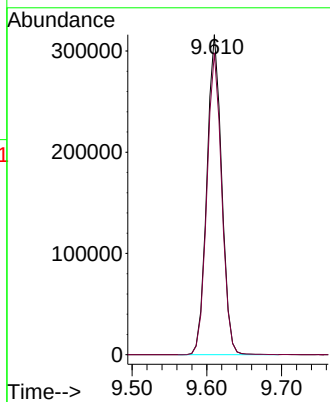
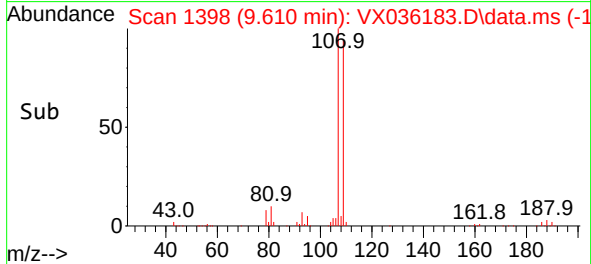
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



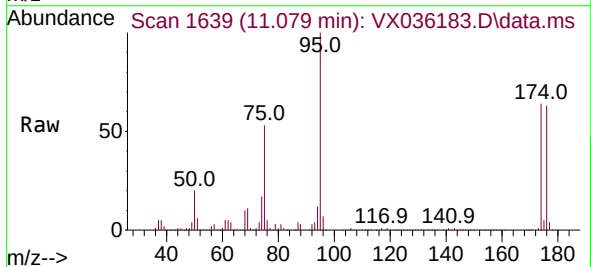
Tgt Ion:107 Resp: 43435
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

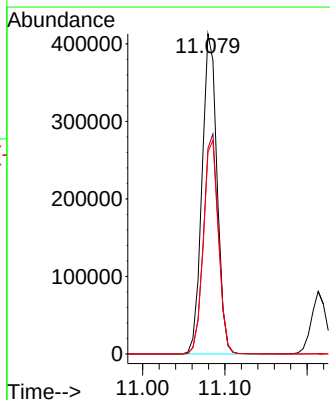
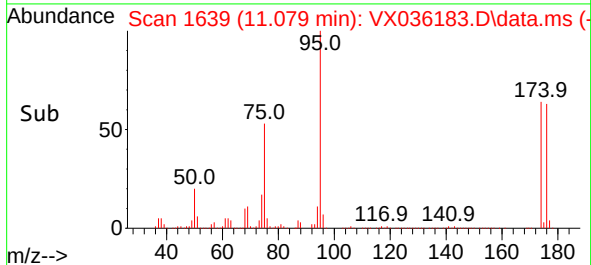
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

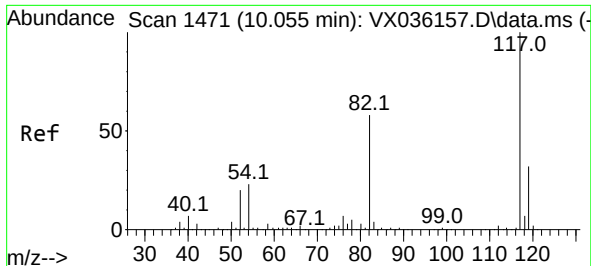


#62
4-Bromofluorobenzene
Concen: 150.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



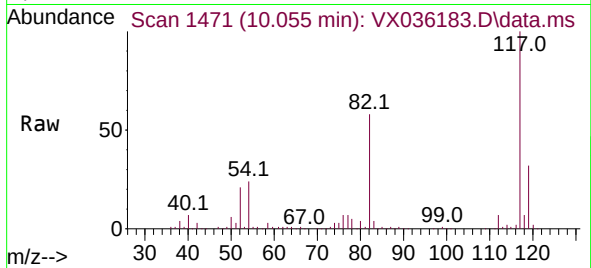
Tgt Ion: 95 Resp: 524461
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 66.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

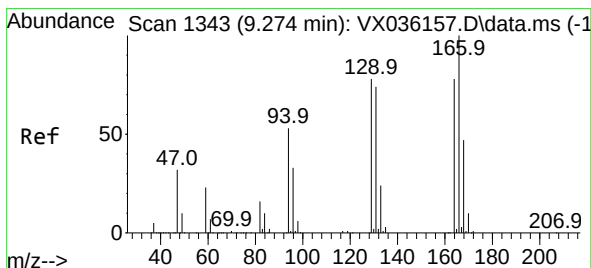
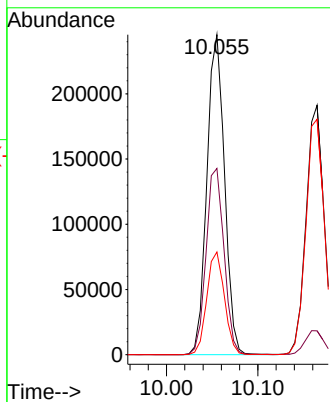
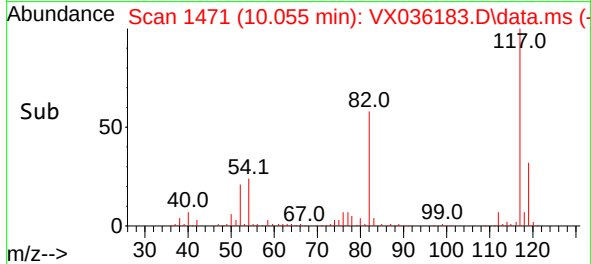
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 32834
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.1 25.5 38.3

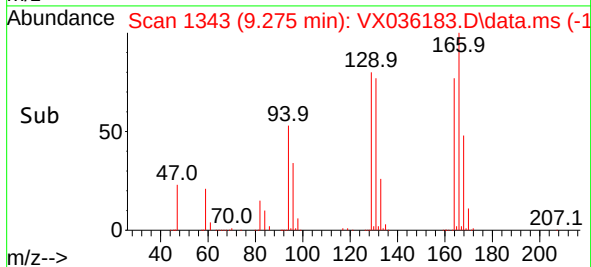
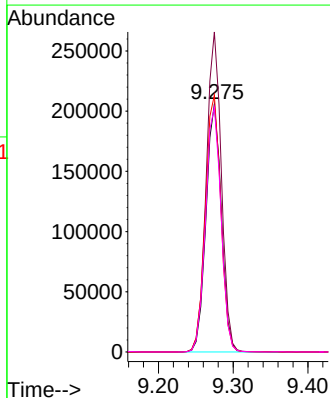
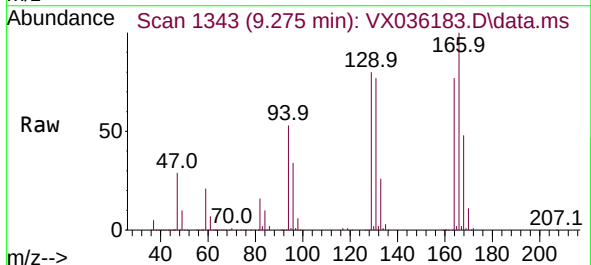
Manual Integrations
APPROVED

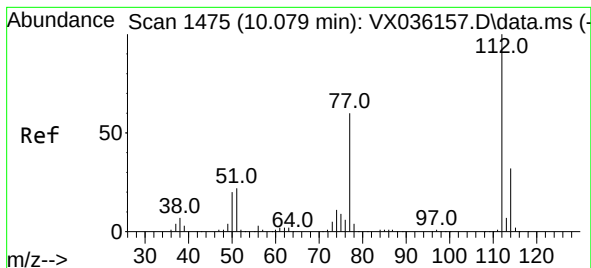
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 143.867 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion:164 Resp: 293898
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 103.7 80.4 120.6
131 98.8 76.5 114.7





#65

Chlorobenzene

Concen: 150.638 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:112 Resp: 102491

Ion Ratio Lower Upper

112 100

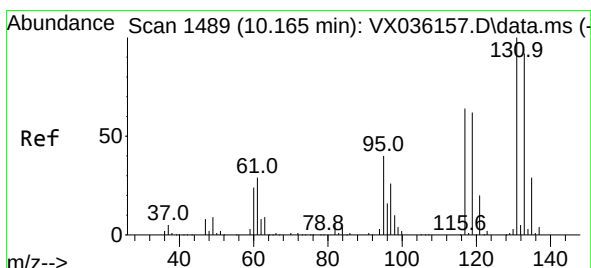
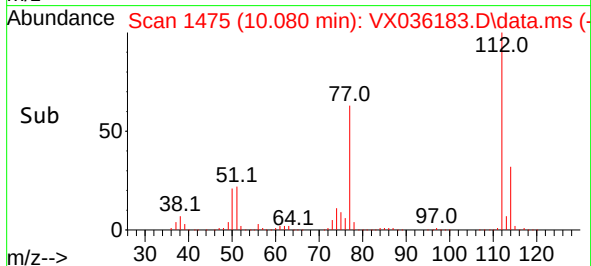
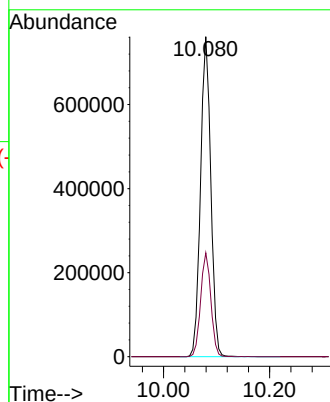
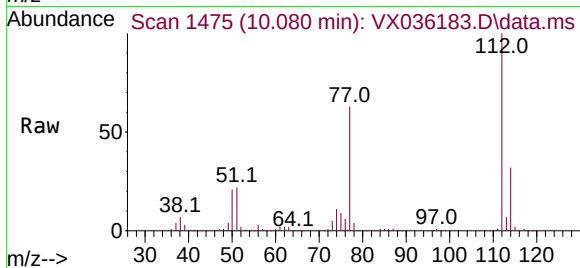
114 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 167.257 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

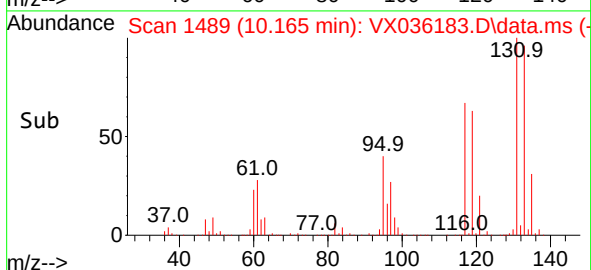
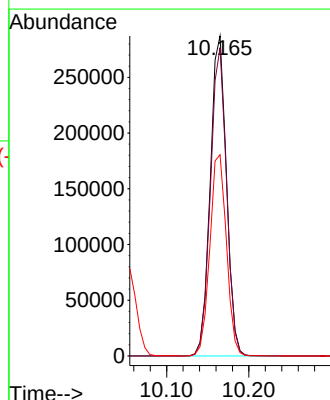
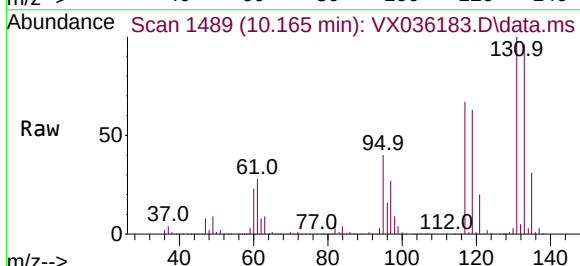
Tgt Ion:131 Resp: 392708

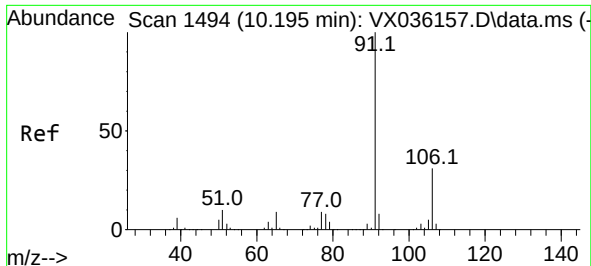
Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.4

119 64.5 32.2 96.6





#67

Ethyl Benzene

Concen: 151.632 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 184249

Ion Ratio Lower Upper

91 100

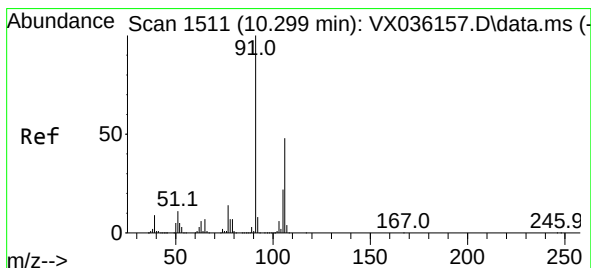
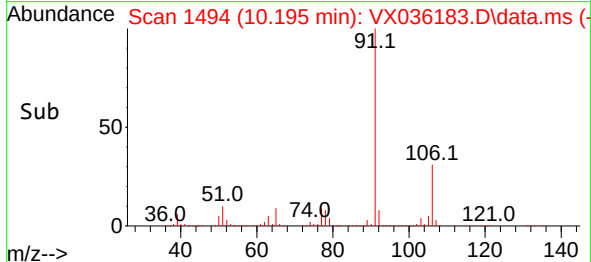
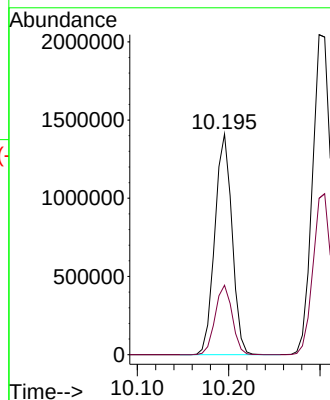
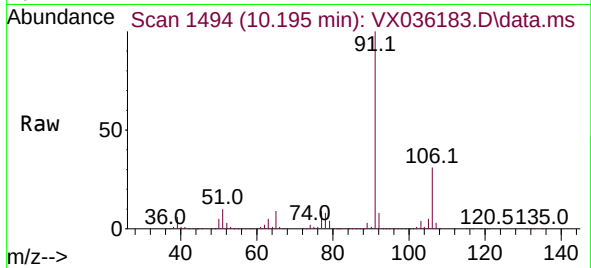
106 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#68

m/p-Xylenes

Concen: 309.560 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX036183.D

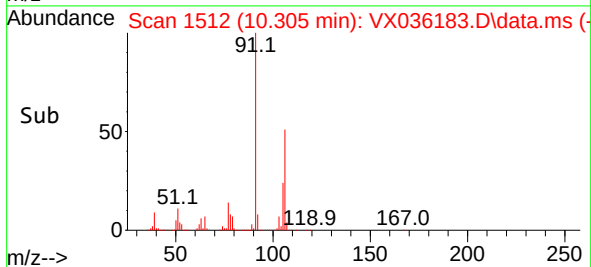
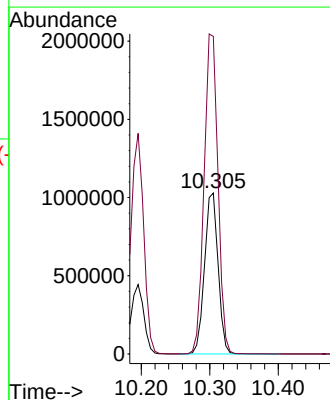
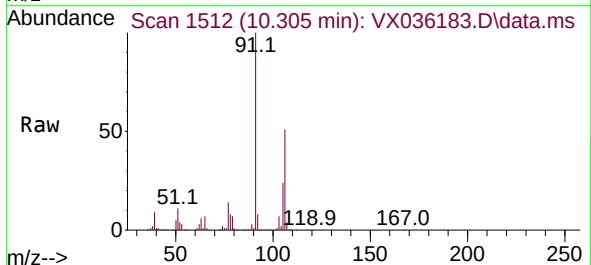
Acq: 16 Jun 2023 14:24

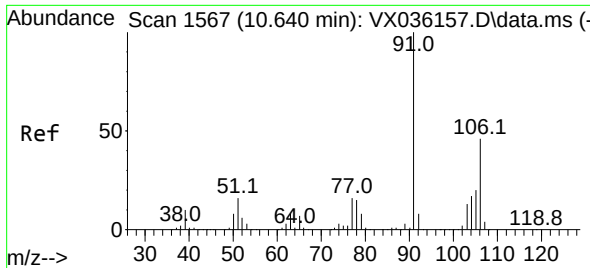
Tgt Ion:106 Resp: 1419156

Ion Ratio Lower Upper

106 100

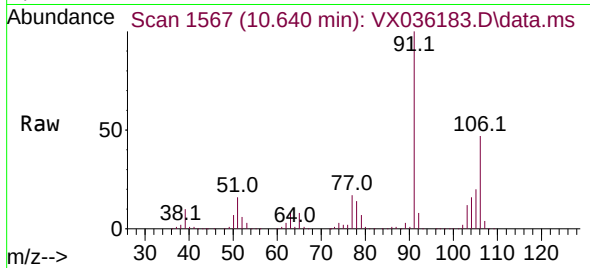
91 203.1 165.5 248.3





#69
o-Xylene
Concen: 159.024 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

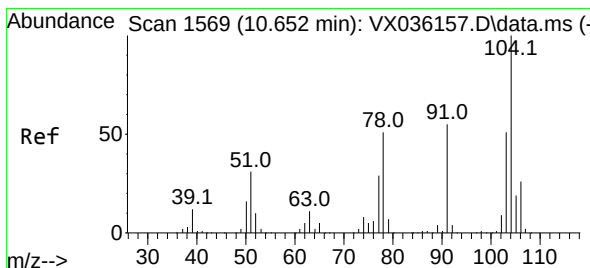
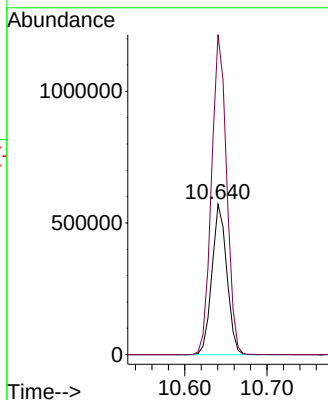
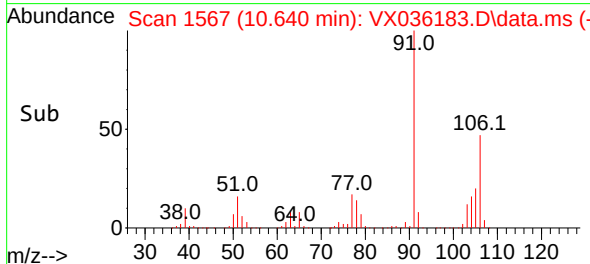
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 719274
Ion Ratio Lower Upper
106 100
91 216.1 108.9 326.8

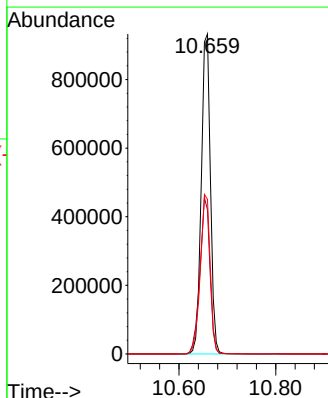
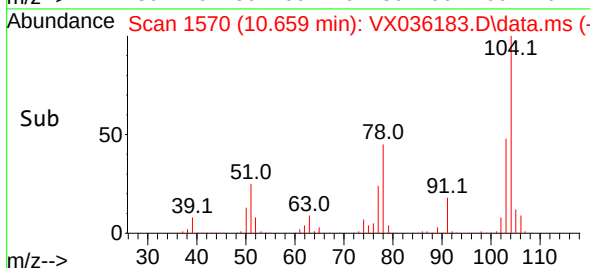
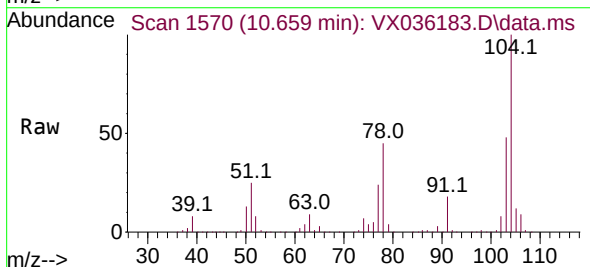
Manual Integrations
APPROVED

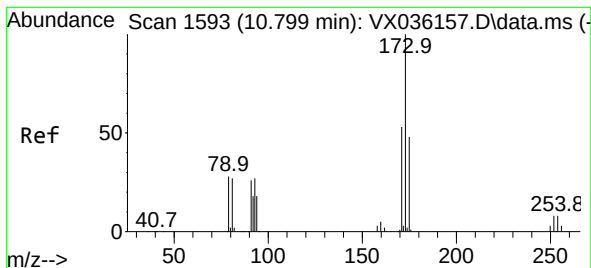
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 162.687 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion:104 Resp: 1226089
Ion Ratio Lower Upper
104 100
78 53.3 43.6 65.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 153.092 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:173 Resp: 29187

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

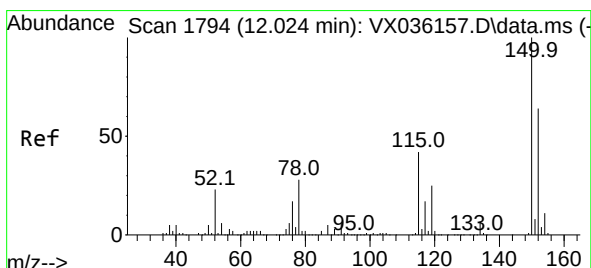
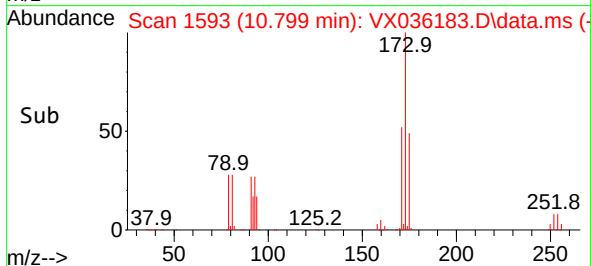
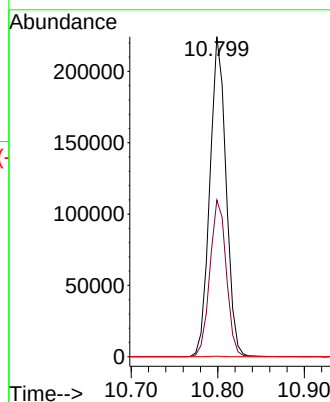
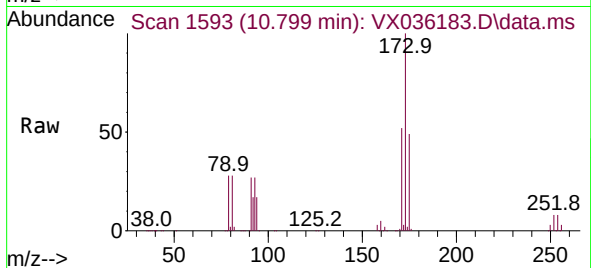
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

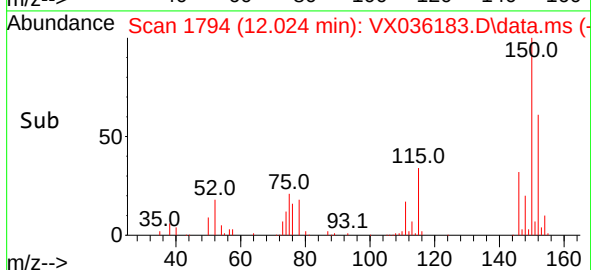
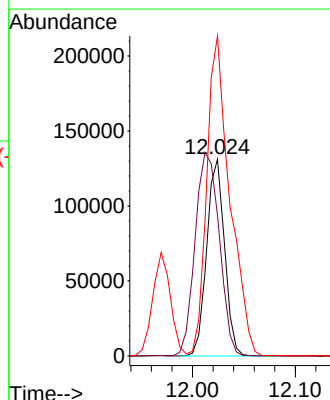
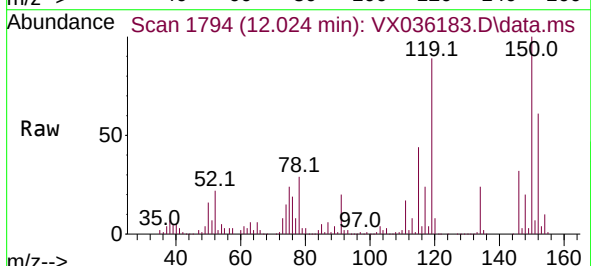
Tgt Ion:152 Resp: 158249

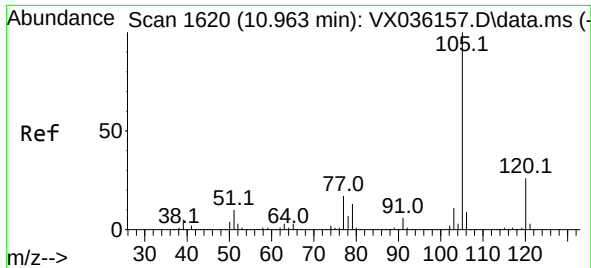
Ion Ratio Lower Upper

152 100

115 140.7 43.3 129.9

150 210.0 0.0 345.0





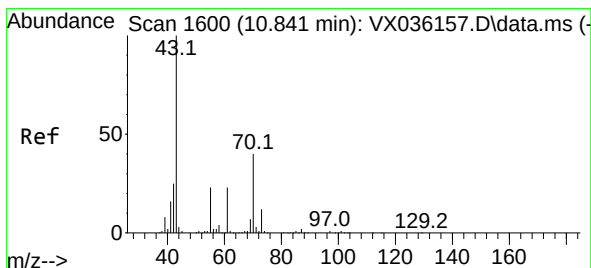
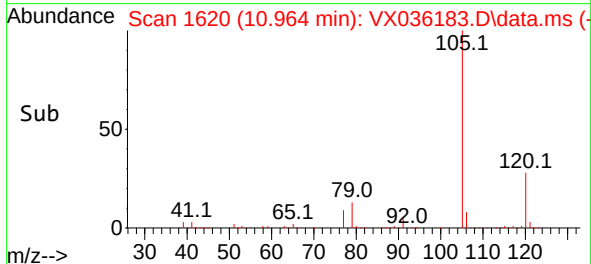
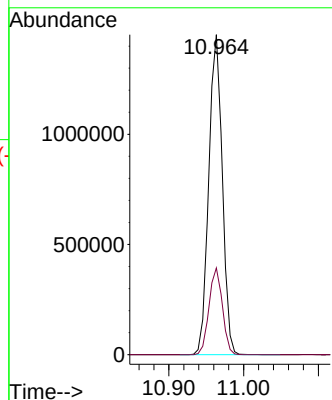
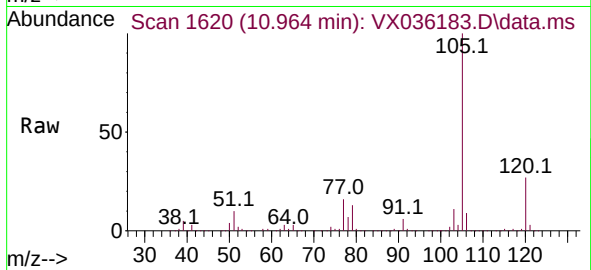
#73
Isopropylbenzene
Concen: 154.894 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:105 Resp: 1818828
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

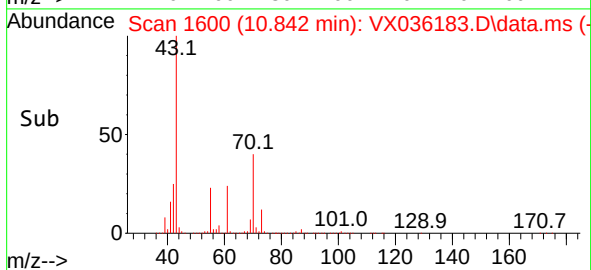
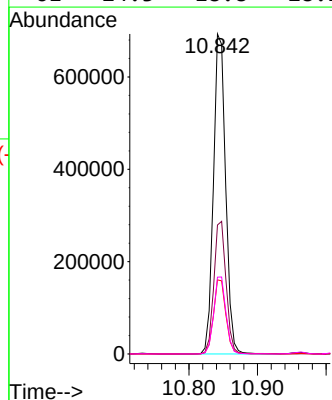
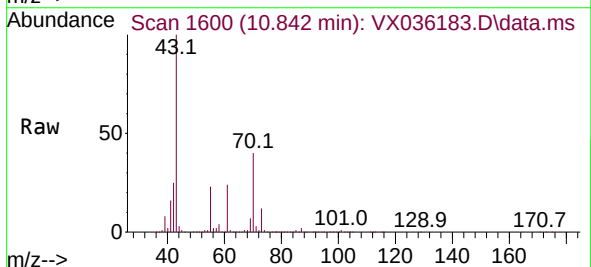
Manual Integrations
APPROVED

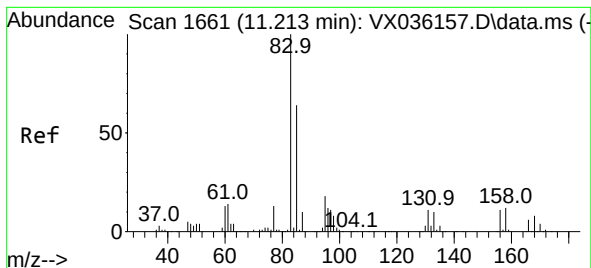
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#74
N-ethyl acetate
Concen: 161.370 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 43 Resp: 856269
Ion Ratio Lower Upper
43 100
70 41.7 32.9 49.3
55 23.5 19.3 28.9
61 24.3 18.8 28.2





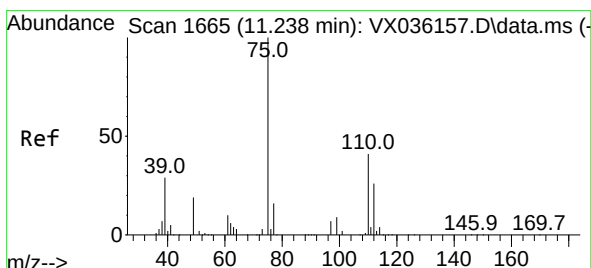
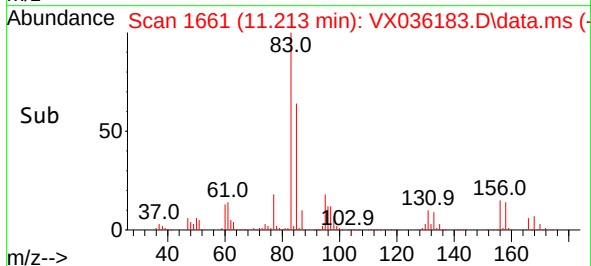
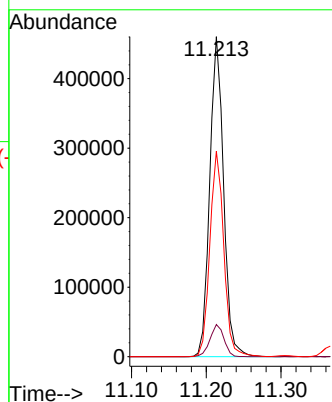
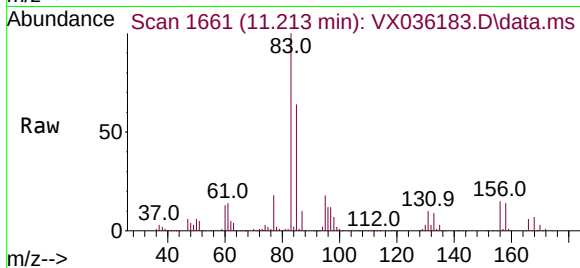
#75
1,1,2,2-Tetrachloroethane
Concen: 146.876 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 59054
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 64.7 32.0 96.2

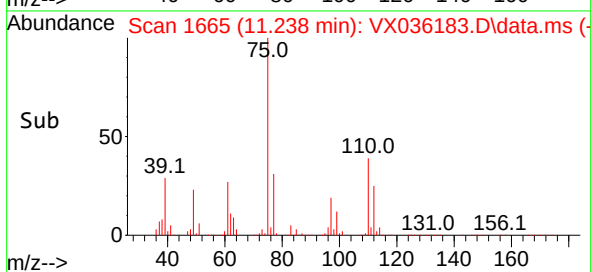
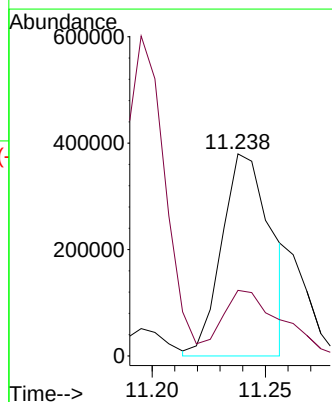
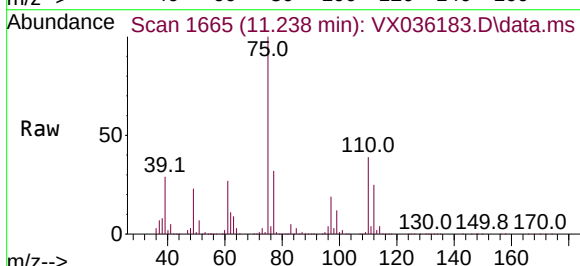
Manual Integrations
APPROVED

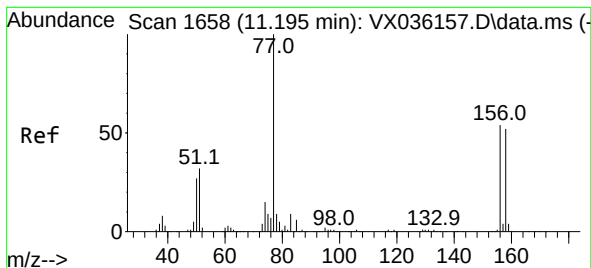
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#76
1,2,3-Trichloropropane
Concen: 145.124 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion: 75 Resp: 570696
Ion Ratio Lower Upper
75 100
77 39.6 19.1 57.5





#77

Bromobenzene

Concen: 157.153 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

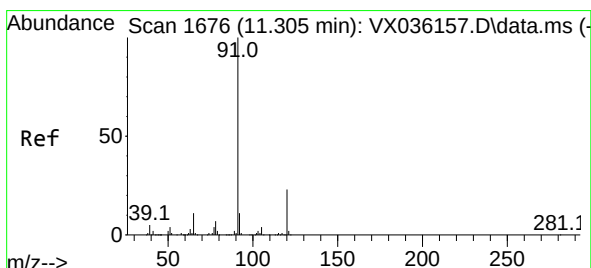
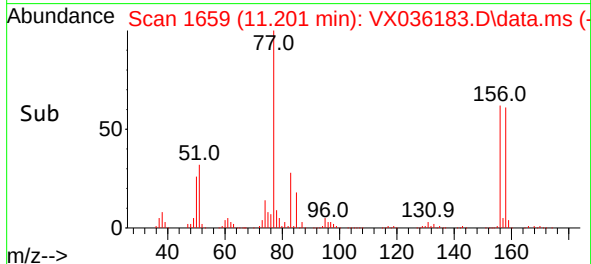
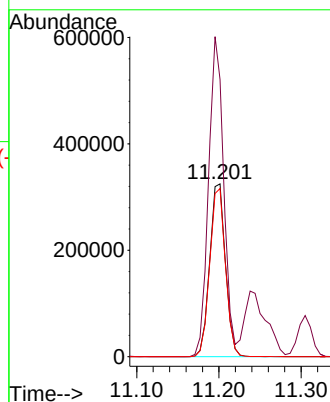
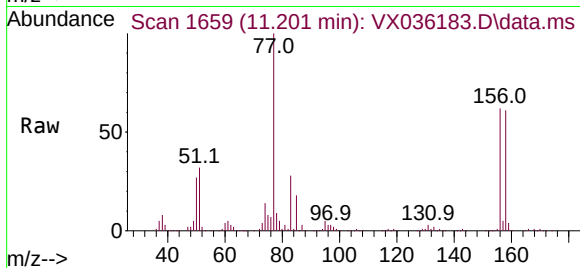
Tgt Ion:	156	Resp:	432350
Ion Ratio	Lower	Upper	
156	100		
77	177.6	88.4	265.3
158	96.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 154.236 ug/l

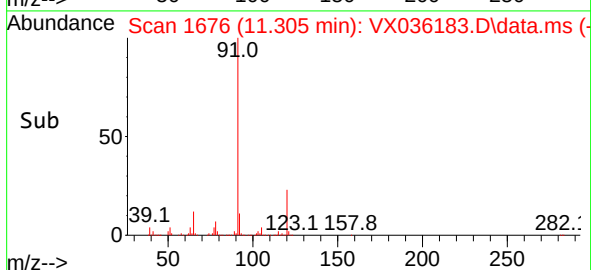
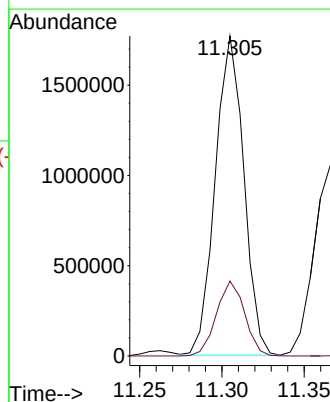
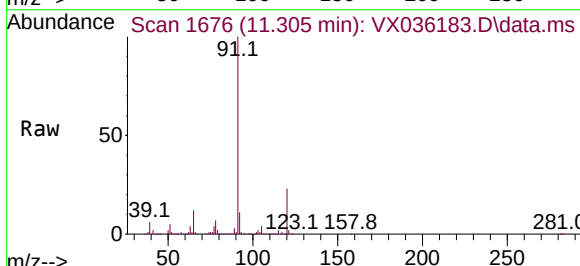
RT: 11.305 min Scan# 1676

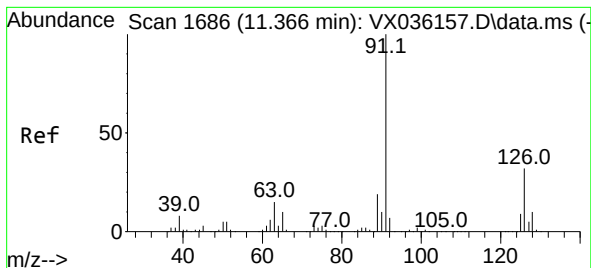
Delta R.T. -0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Tgt Ion:	91	Resp:	2130561
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





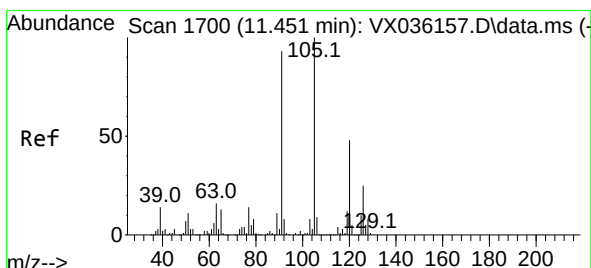
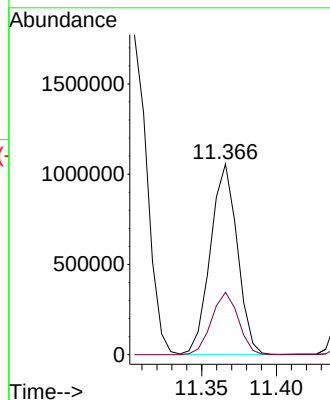
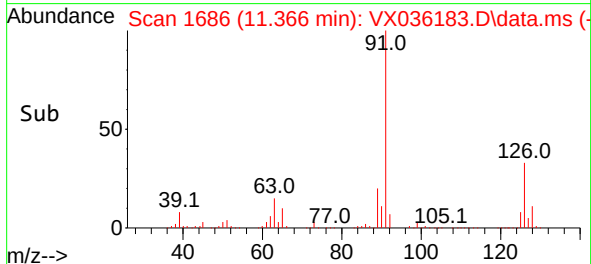
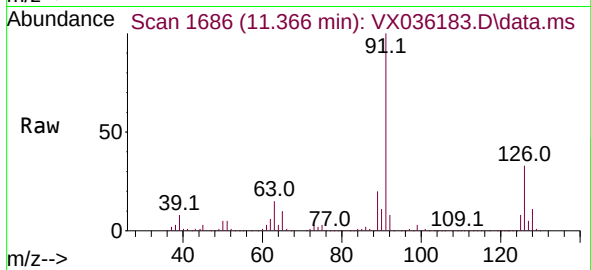
#79
2-Chlorotoluene
Concen: 151.581 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 131701
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

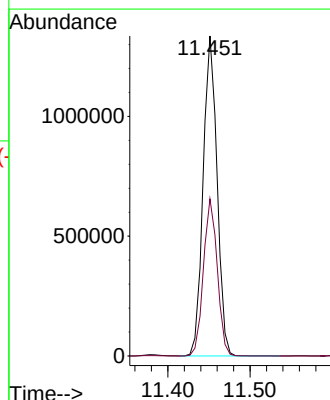
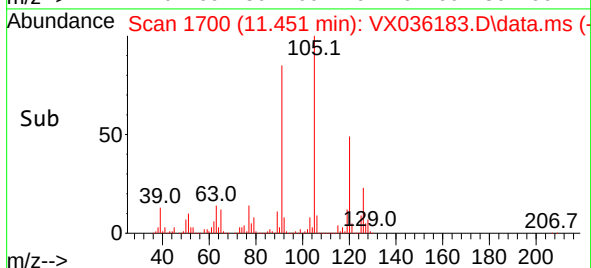
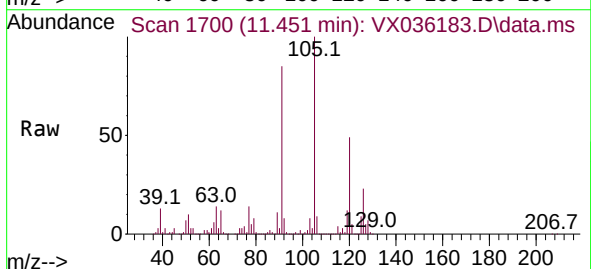
Manual Integrations
APPROVED

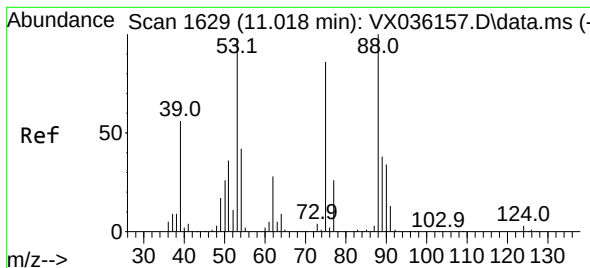
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 157.421 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion:105 Resp: 1574020
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





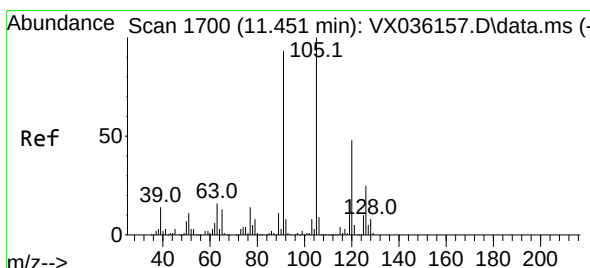
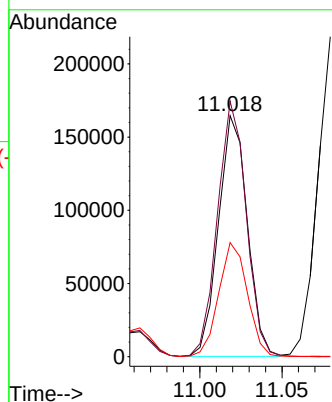
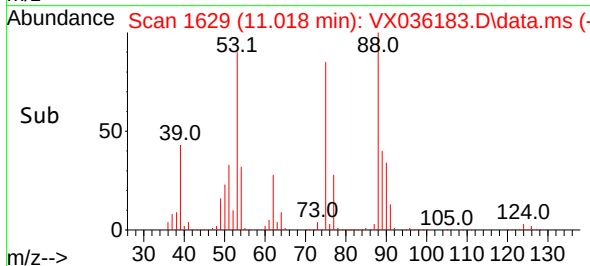
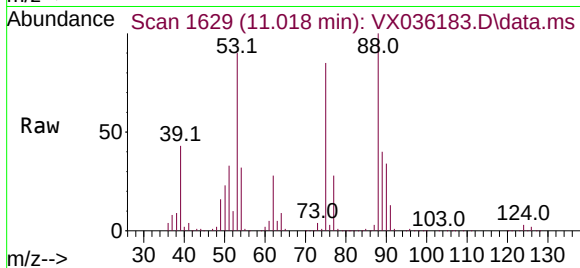
#81
trans-1,4-Dichloro-2-butene
Concen: 152.786 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 200710
Ion Ratio Lower Upper
75 100
53 105.5 90.5 135.7
89 47.2 36.9 55.3

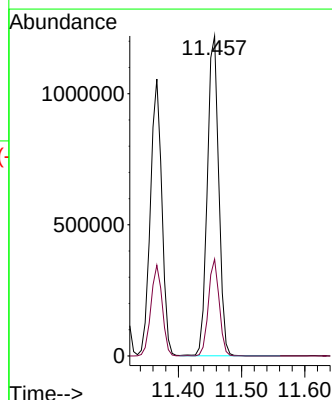
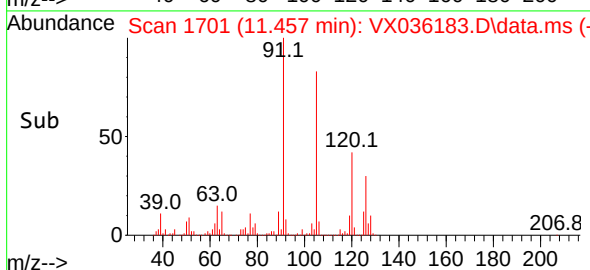
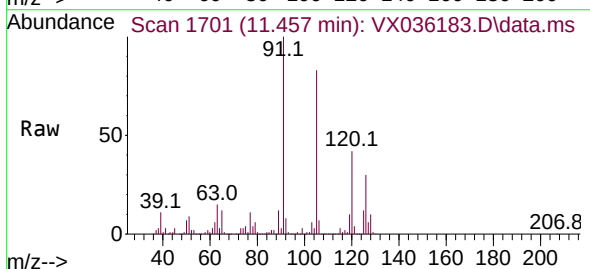
Manual Integrations
APPROVED

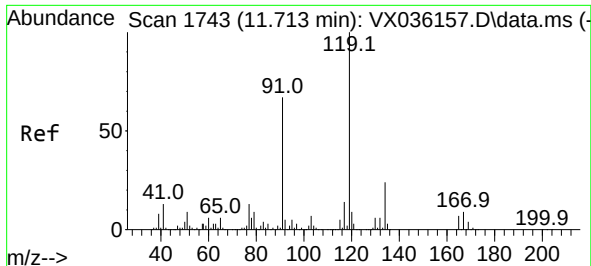
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 151.351 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

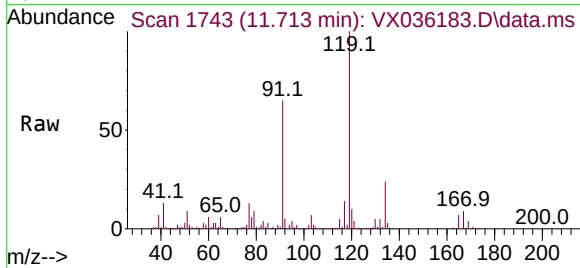
Tgt Ion: 91 Resp: 1532186
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 162.008 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

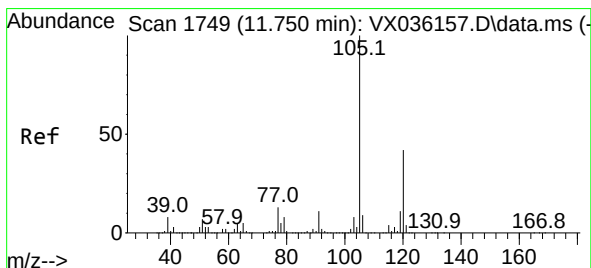
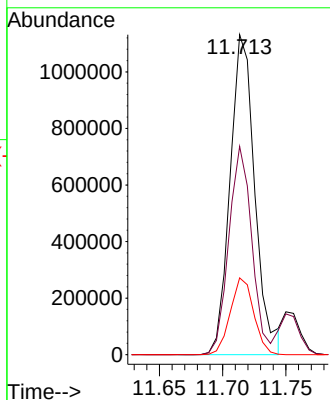
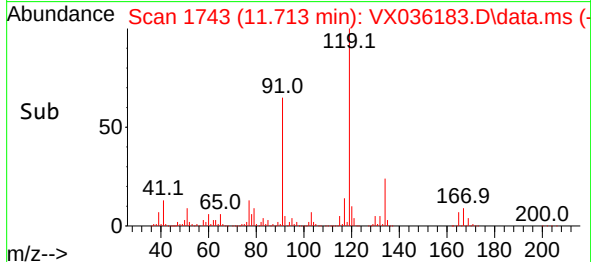
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:119 Resp: 153998
 Ion Ratio Lower Upper
 119 100
 91 60.6 31.2 93.6
 134 22.8 11.7 35.0

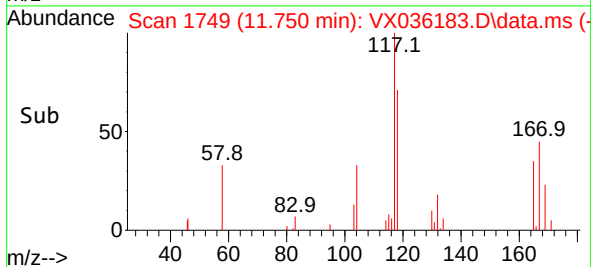
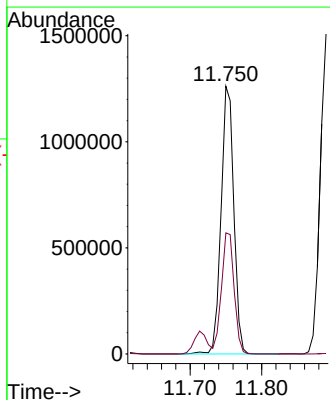
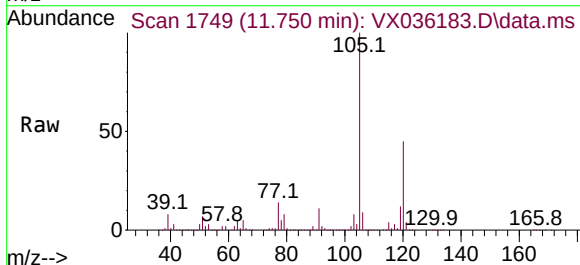
Manual Integrations
 APPROVED

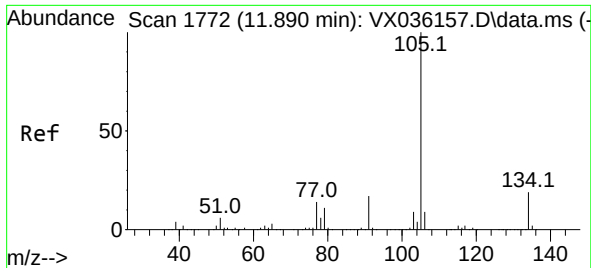
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 156.577 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

Tgt Ion:105 Resp: 1561586
 Ion Ratio Lower Upper
 105 100
 120 44.8 21.2 63.6





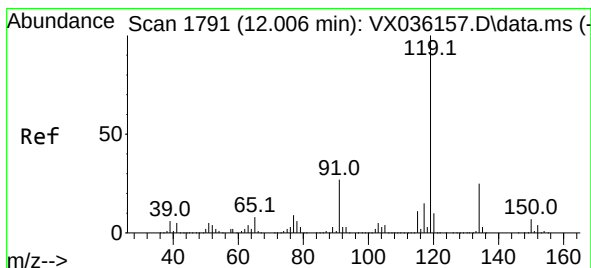
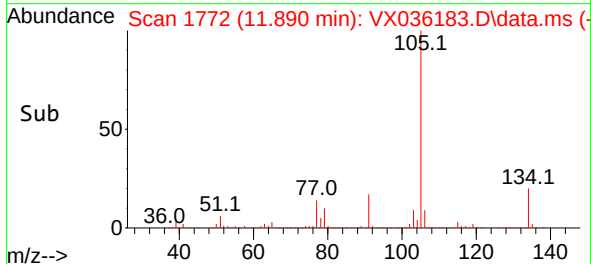
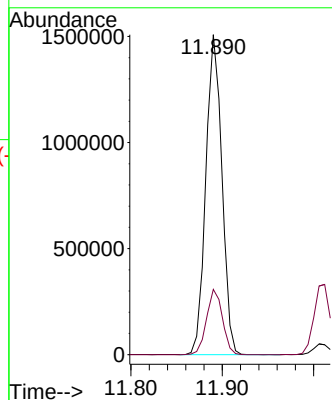
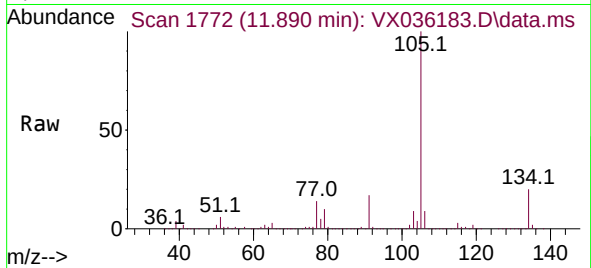
#85
 sec-Butylbenzene
 Concen: 155.761 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 184357
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

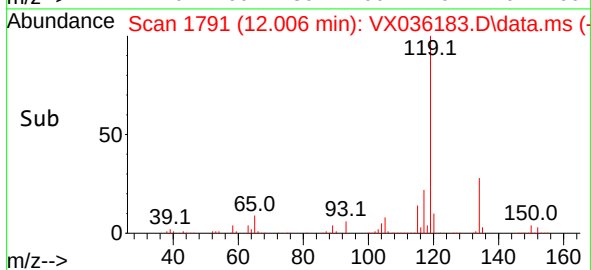
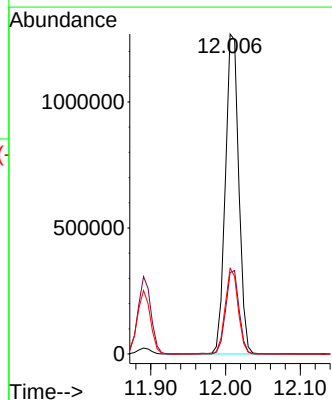
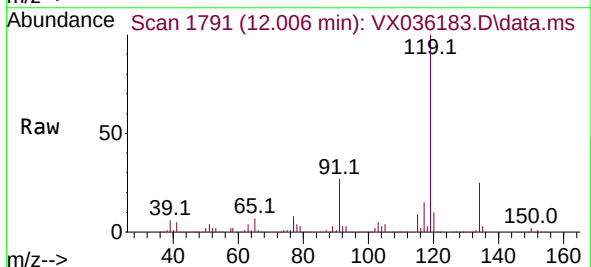
Manual Integrations
 APPROVED

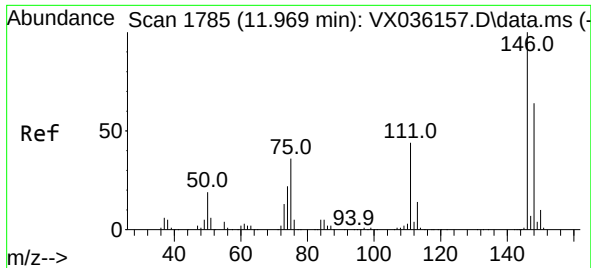
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023



#86
 p-Isopropyltoluene
 Concen: 158.942 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036183.D
 Acq: 16 Jun 2023 14:24

Tgt Ion:119 Resp: 1582749
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 25.8 13.1 39.3





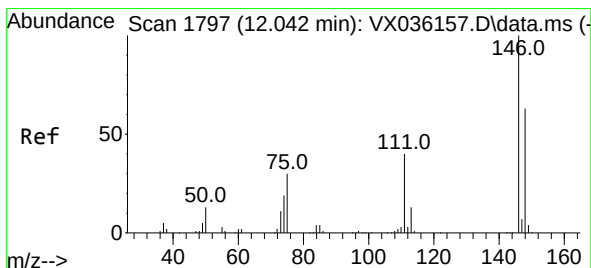
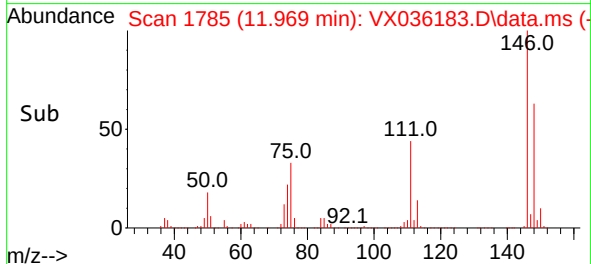
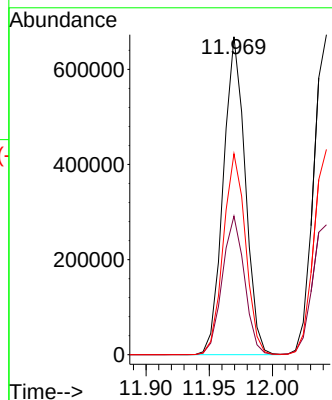
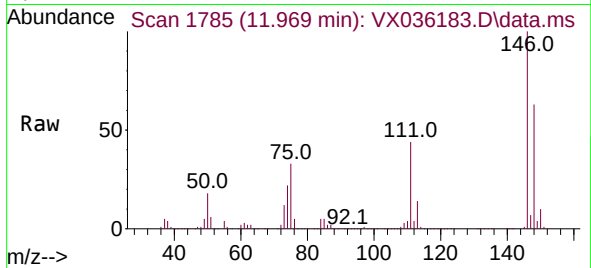
#87
1,3-Dichlorobenzene
Concen: 153.207 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 80381
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 64.2 31.8 95.3

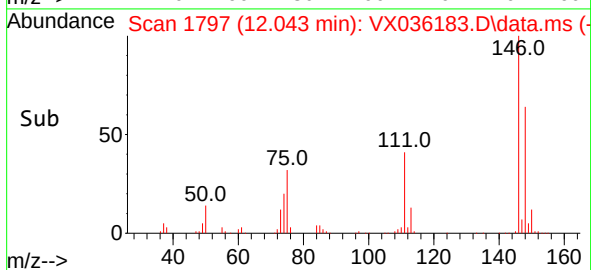
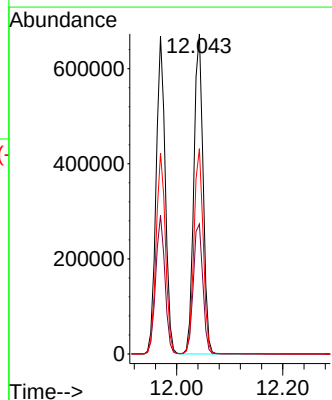
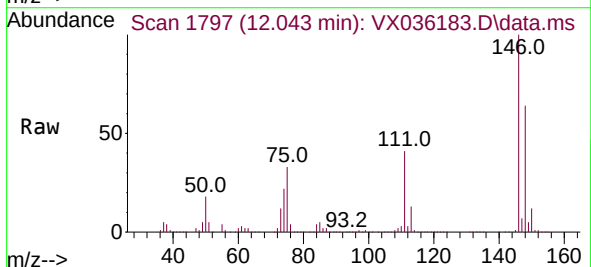
Manual Integrations
APPROVED

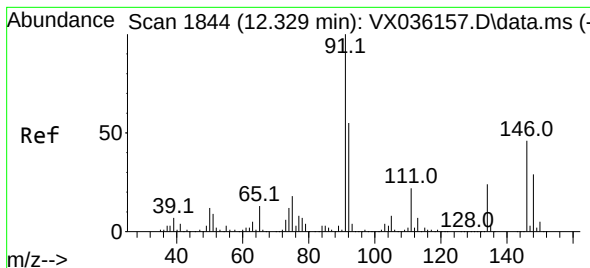
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#88
1,4-Dichlorobenzene
Concen: 153.119 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

Tgt Ion:146 Resp: 810494
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.7
148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 154.257 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 137087

Ion Ratio Lower Upper

91 100

92 55.4 27.4 82.0

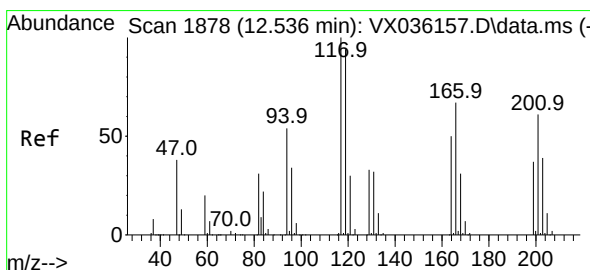
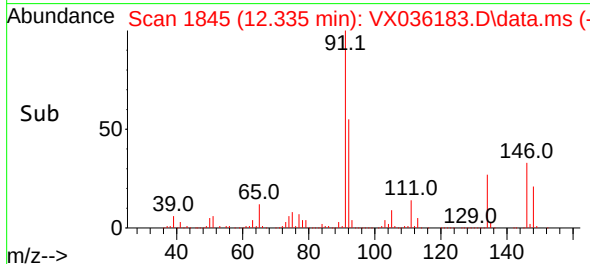
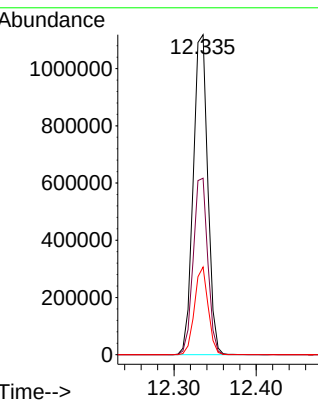
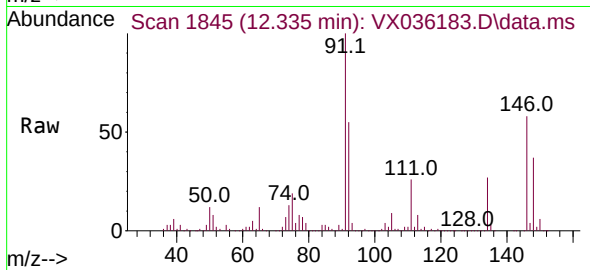
134 25.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#90

Hexachloroethane

Concen: 149.139 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036183.D

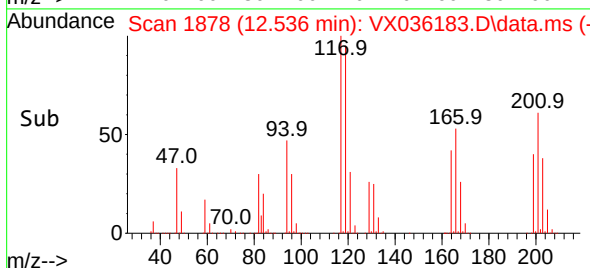
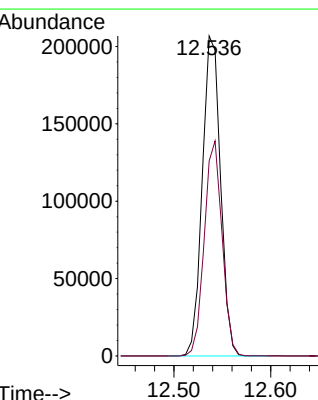
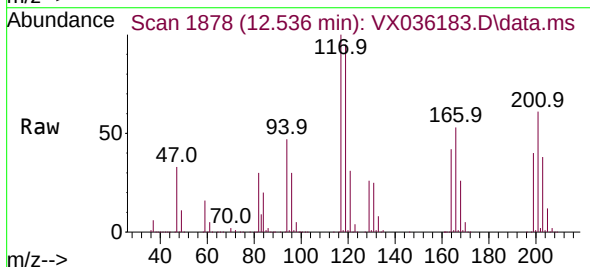
Acq: 16 Jun 2023 14:24

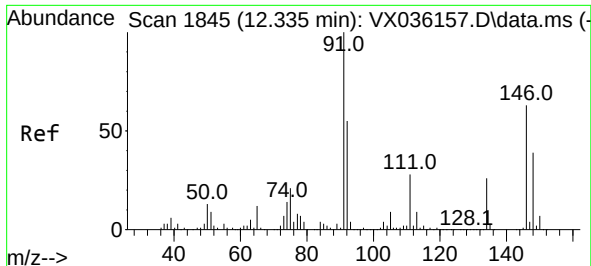
Tgt Ion:117 Resp: 270417

Ion Ratio Lower Upper

117 100

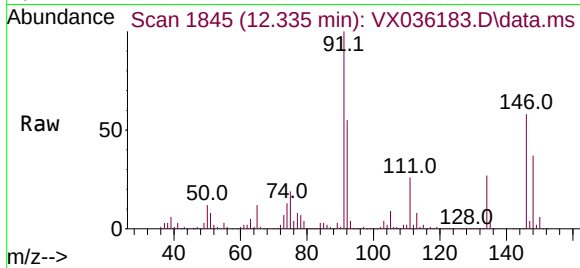
201 65.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 151.129 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

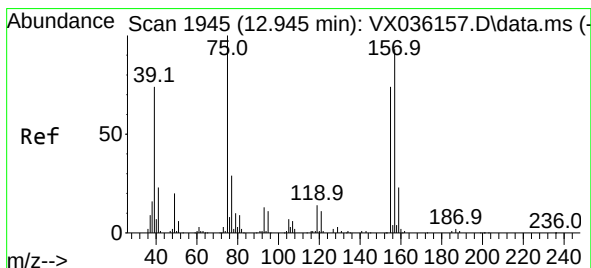
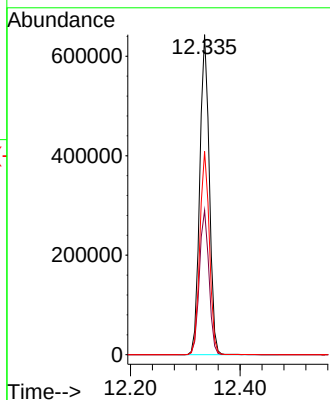
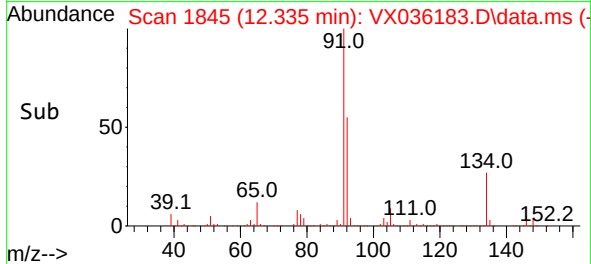
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



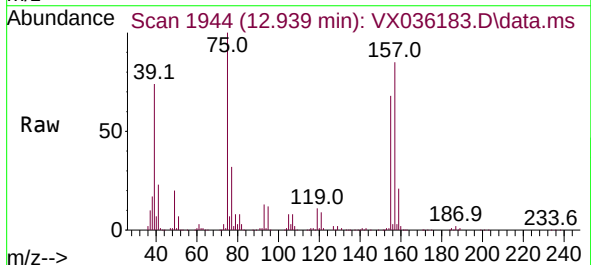
Tgt Ion:146 Resp: 778214
Ion Ratio Lower Upper
146 100
111 45.4 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
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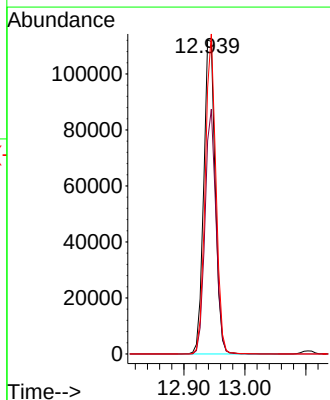
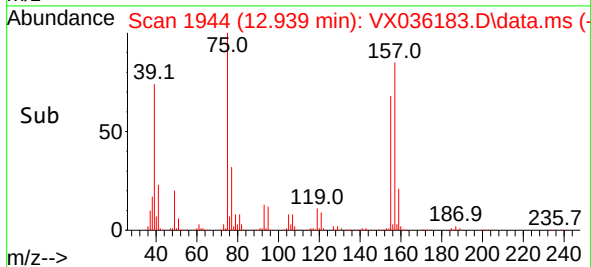
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

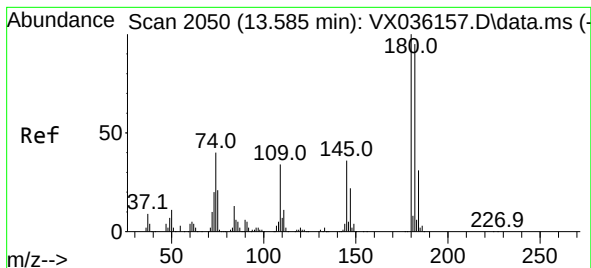


#92
1,2-Dibromo-3-Chloropropane
Concen: 166.329 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion: 75 Resp: 147506
Ion Ratio Lower Upper
75 100
155 74.2 36.1 108.5
157 94.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 167.292 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

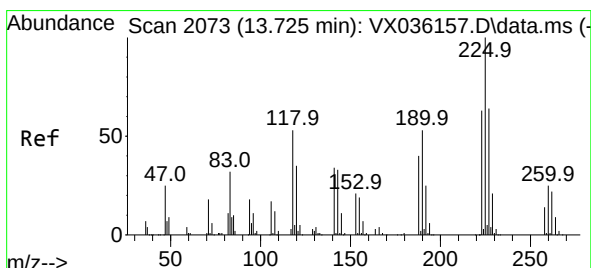
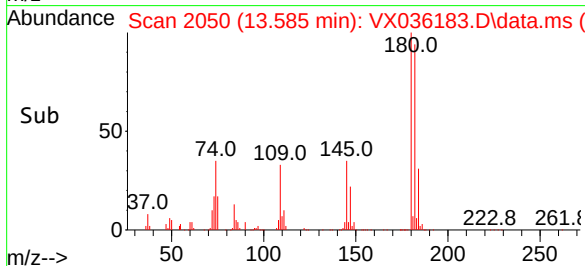
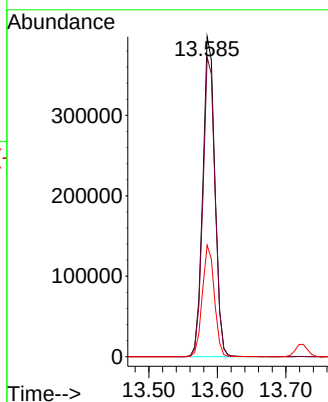
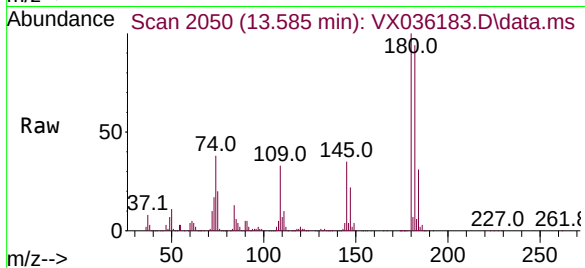
Tgt Ion:180	Resp: 48831
Ion Ratio	Lower Upper
180 100	
182 94.5	48.3 144.8
145 34.8	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 148.035 ug/l

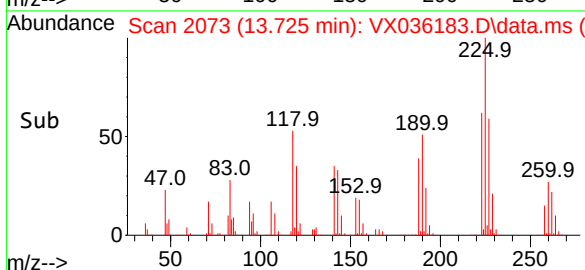
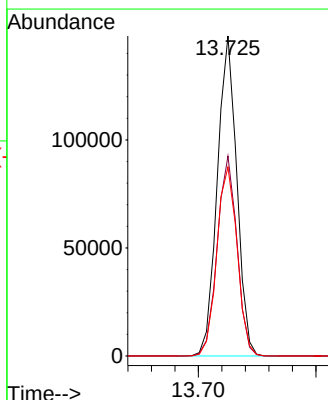
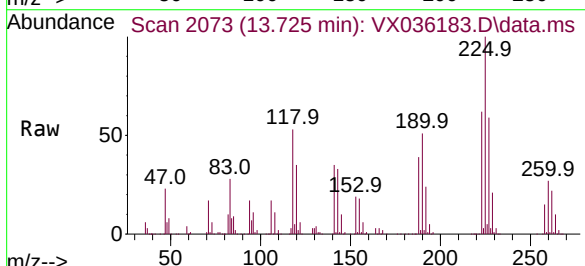
RT: 13.725 min Scan# 2073

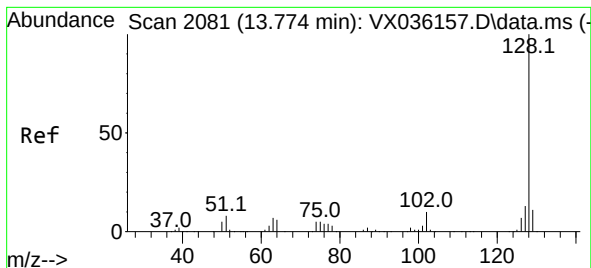
Delta R.T. 0.000 min

Lab File: VX036183.D

Acq: 16 Jun 2023 14:24

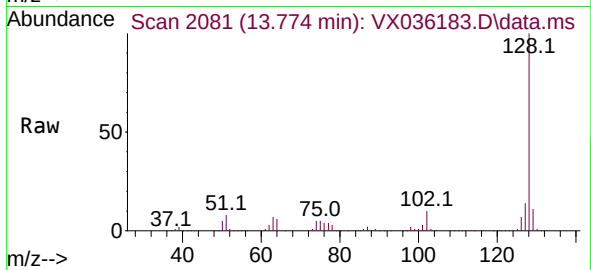
Tgt Ion:225	Resp: 170820
Ion Ratio	Lower Upper
225 100	
223 63.1	31.1 93.2
227 61.5	32.5 97.5





#95
Naphthalene
Concen: 170.434 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24

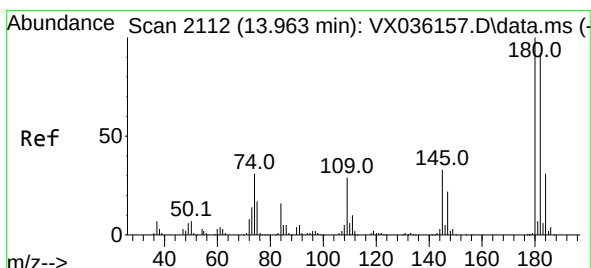
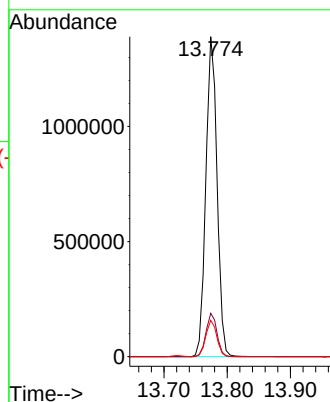
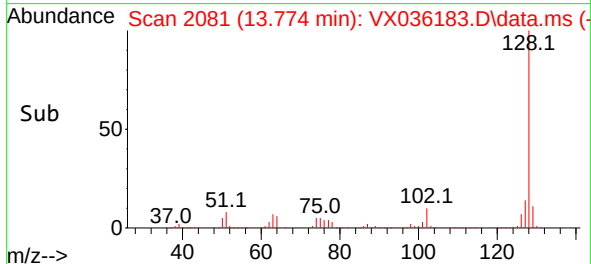
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



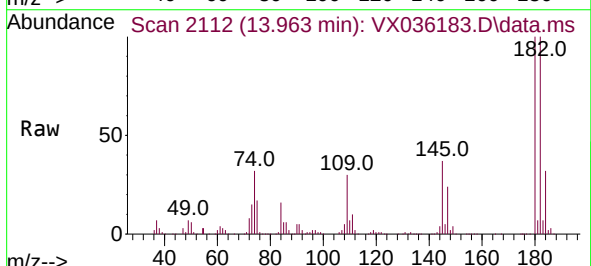
Tgt Ion:128 Resp: 1716014
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 161.733 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036183.D
Acq: 16 Jun 2023 14:24



Tgt Ion:180 Resp: 473407
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 37.0 17.8 53.5

