

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039182.D
 Acq On : 13 Dec 2023 10:57
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 14 01:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:05:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	125668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44061	19.139	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.280%#		
35) Dibromofluoromethane	5.385	113	31417	19.483	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.960%#		
50) Toluene-d8	8.647	98	117173	19.573	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	39.140%#		
62) 4-Bromofluorobenzene	11.079	95	47615	19.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	32897	18.629	ug/l	97
3) Chloromethane	1.295	50	38178	19.502	ug/l	100
4) Vinyl Chloride	1.374	62	36440	20.014	ug/l	97
5) Bromomethane	1.599	94	21681	20.698	ug/l	95
6) Chloroethane	1.685	64	20856	19.009	ug/l	96
7) Trichlorofluoromethane	1.886	101	54630	20.491	ug/l	100
8) Diethyl Ether	2.130	74	18901	20.484	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33538	20.615	ug/l	97
10) Methyl Iodide	2.453	142	34064	20.257	ug/l	96
11) Tert butyl alcohol	2.953	59	56543	97.807	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	33242	20.570	ug/l	96
13) Acrolein	2.233	56	43047	93.338	ug/l	98
14) Allyl chloride	2.666	41	67216	20.532	ug/l	98
15) Acrylonitrile	3.063	53	120460	104.100	ug/l	100
16) Acetone	2.374	43	210584	147.826	ug/l	96
17) Carbon Disulfide	2.508	76	95196	20.130	ug/l	99
18) Methyl Acetate	2.697	43	99718	20.026	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	120230	20.571	ug/l	100
20) Methylene Chloride	2.788	84	39020	20.332	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	36327	20.658	ug/l	94
22) Diisopropyl ether	3.758	45	124988	20.974	ug/l	96
23) Vinyl Acetate	3.715	43	477087	107.538	ug/l	98
24) 1,1-Dichloroethane	3.611	63	69897	20.749	ug/l	99
25) 2-Butanone	4.550	43	227648	114.593	ug/l	99
26) 2,2-Dichloropropane	4.471	77	59948	20.384	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	41439	21.350	ug/l	96
28) Bromochloromethane	4.898	49	34441	20.954	ug/l	92
29) Tetrahydrofuran	5.001	42	114751	104.597	ug/l	99
30) Chloroform	5.093	83	69609	20.678	ug/l	97
31) Cyclohexane	5.471	56	63444	21.337	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	60289	20.630	ug/l	98
36) 1,1-Dichloropropene	5.690	75	52102	20.475	ug/l	99
37) Ethyl Acetate	4.709	43	66440	21.134	ug/l	99
38) Carbon Tetrachloride	5.672	117	49093	20.217	ug/l	96
39) Methylcyclohexane	7.379	83	63230	20.687	ug/l	99
40) Benzene	6.038	78	149824	20.815	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35517	21.175	ug/l	98
42) 1,2-Dichloroethane	6.086	62	60651	20.816	ug/l	99
43) Isopropyl Acetate	6.336	43	106806	20.893	ug/l	99
44) Trichloroethene	7.123	130	37201	20.481	ug/l	94
45) 1,2-Dichloropropane	7.428	63	39633	20.516	ug/l	100
46) Dibromomethane	7.580	93	27878	20.529	ug/l	97
47) Bromodichloromethane	7.818	83	54088	20.831	ug/l	97
48) Methyl methacrylate	7.690	41	62412	20.883	ug/l	96
49) 1,4-Dioxane	7.653	88	16187	401.805	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	345962	106.215	ug/l	100
52) Toluene	8.714	92	91746	21.118	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	59362	20.766	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	63622	20.685	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	37429	20.636	ug/l	95
56) Ethyl methacrylate	9.116	69	46794	21.134	ug/l	96
57) 1,3-Dichloropropane	9.305	76	65808	20.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	136170	104.736	ug/l	94
59) 2-Hexanone	9.427	43	321871	114.501	ug/l	98
60) Dibromochloromethane	9.519	129	38059	20.749	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40614	20.976	ug/l	98
64) Tetrachloroethene	9.275	164	29040	20.993	ug/l	97
65) Chlorobenzene	10.080	112	96562	20.899	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	34116	20.903	ug/l	97
67) Ethyl Benzene	10.189	91	183718	21.361	ug/l	97
68) m/p-Xylenes	10.299	106	132898	43.096	ug/l	94
69) o-Xylene	10.640	106	62880	21.089	ug/l	91
70) Styrene	10.653	104	94137	21.597	ug/l	96
71) Bromoform	10.799	173	24983	20.594	ug/l #	96
73) Isopropylbenzene	10.964	105	172193	21.481	ug/l	100
74) N-amyl acetate	10.842	43	87458	21.564	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	64190	21.526	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58087m	21.610	ug/l	
77) Bromobenzene	11.195	156	37498	21.154	ug/l	87
78) n-propylbenzene	11.305	91	211707	21.435	ug/l	96
79) 2-Chlorotoluene	11.360	91	125867	21.069	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	148975	21.816	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	19390	20.349	ug/l	96
82) 4-Chlorotoluene	11.451	91	150125	21.395	ug/l	97
83) tert-Butylbenzene	11.713	119	138460	21.305	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	149182	21.303	ug/l	100
85) sec-Butylbenzene	11.890	105	177347	21.445	ug/l	98
86) p-Isopropyltoluene	12.006	119	145674	20.989	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	72494	20.817	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	75534	20.831	ug/l	97
89) n-Butylbenzene	12.329	91	143979	21.103	ug/l	98
90) Hexachloroethane	12.536	117	25489	20.331	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	70895	21.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16294	20.745	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	45563	20.882	ug/l	99
94) Hexachlorobutadiene	13.719	225	16825	20.462	ug/l	96
95) Naphthalene	13.774	128	161447	21.247	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44152	20.962	ug/l	97

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

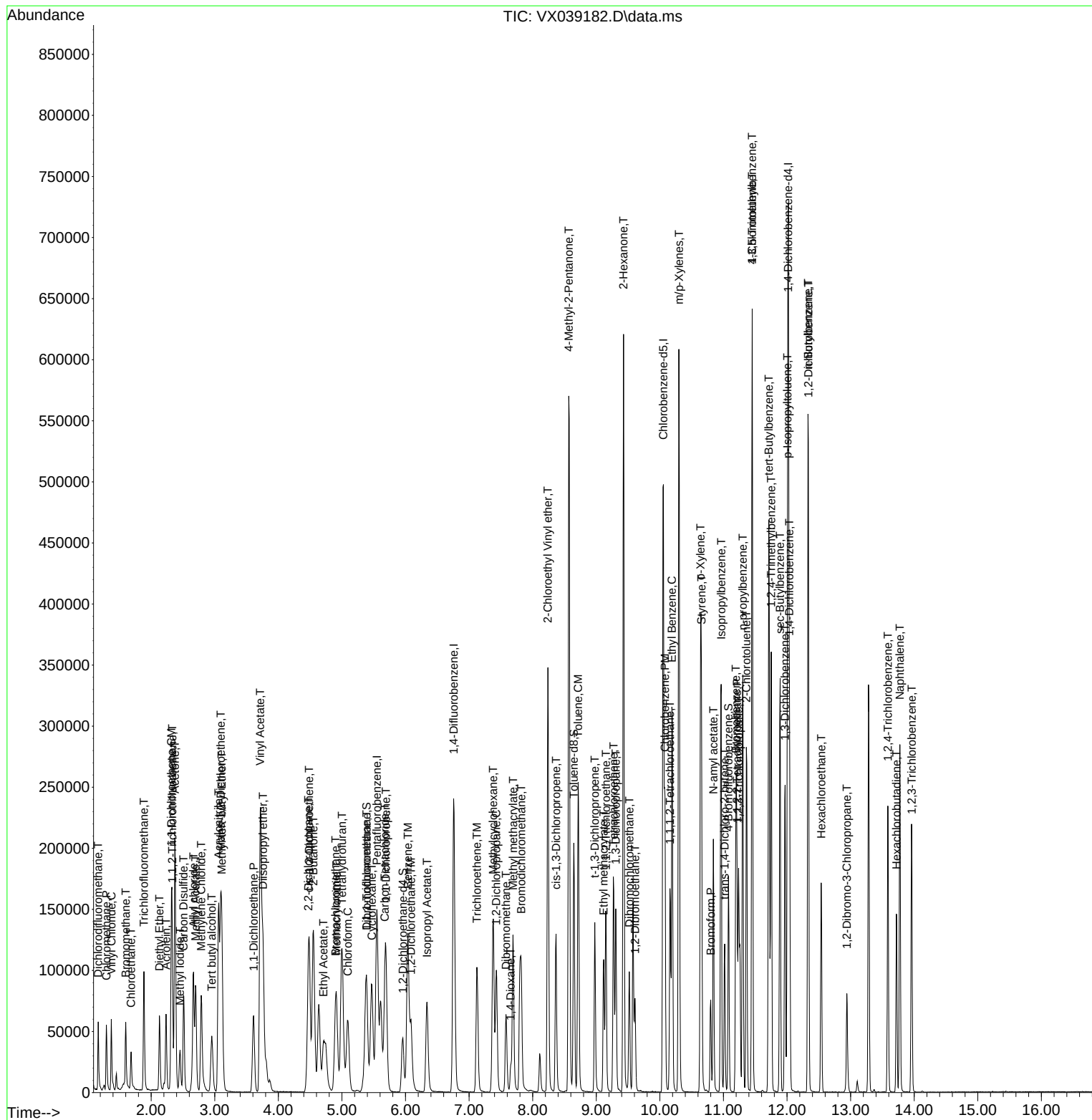
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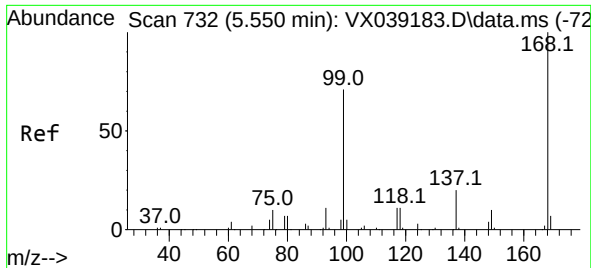
Instrument :
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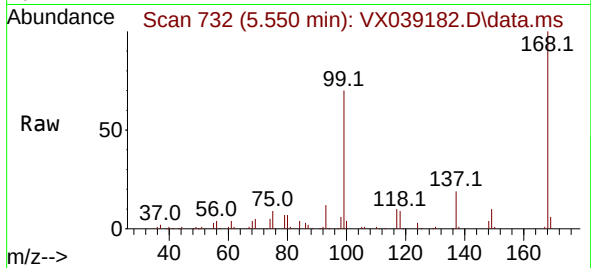
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039182.D
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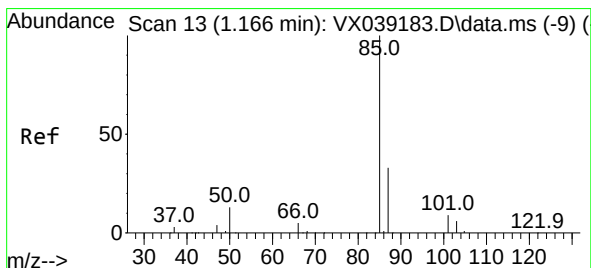
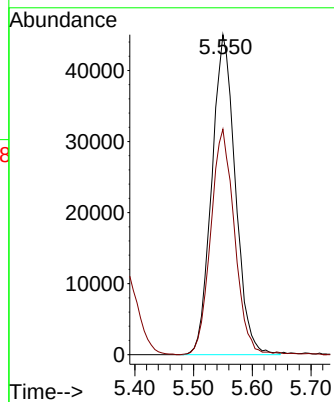
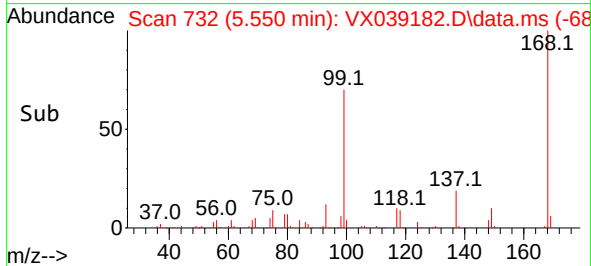
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 12566
Ion Ratio Lower Upper
168 100
99 70.4 56.6 85.0

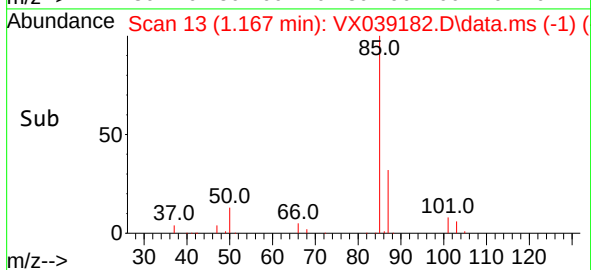
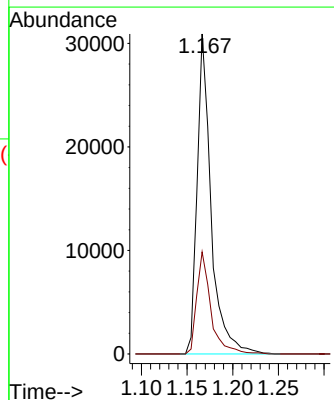
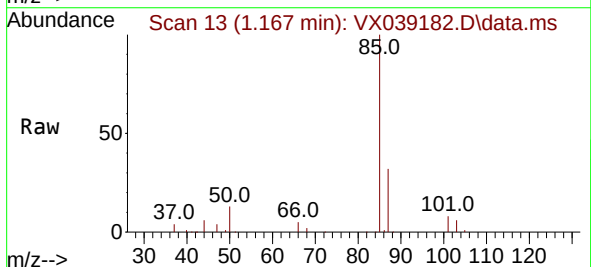
Manual Integrations
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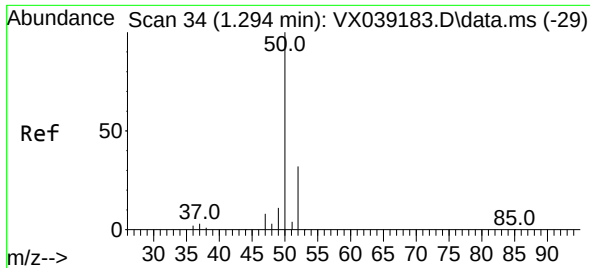
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#2
Dichlorodifluoromethane
Concen: 18.629 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

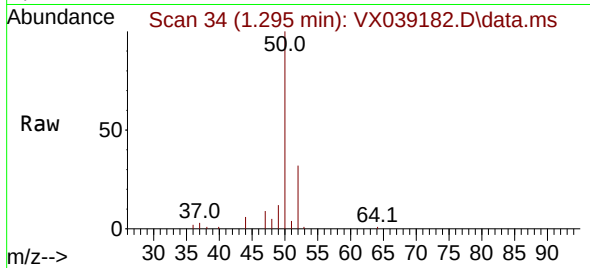
Tgt Ion: 85 Resp: 32897
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 19.502 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

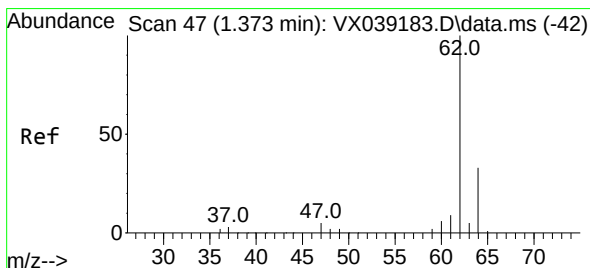
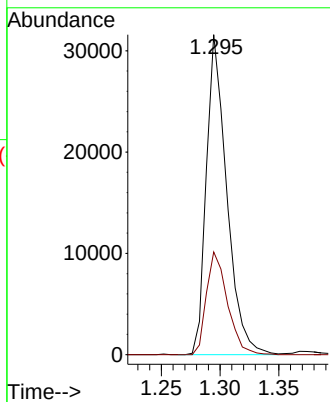
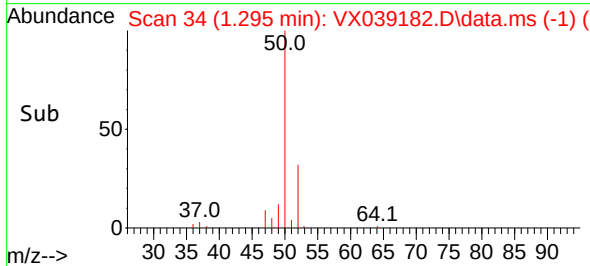
Instrument :
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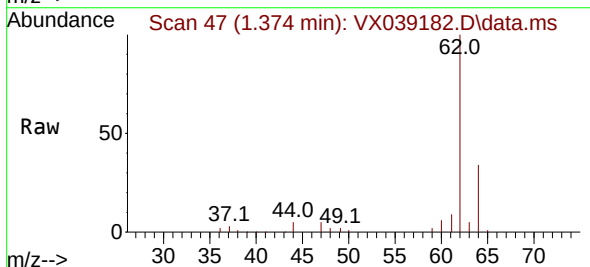
Tgt Ion: 50 Resp: 38178
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

Manual Integrations
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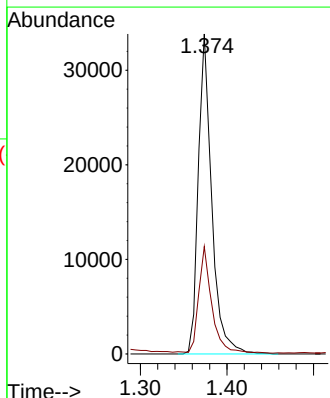
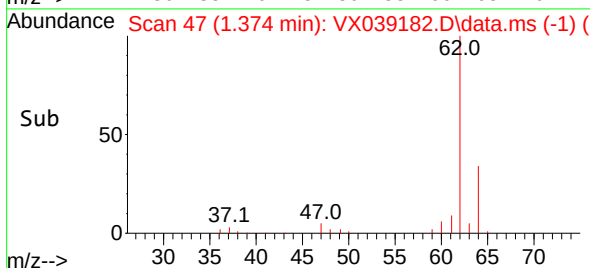
Reviewed By :John Carlone 12/14/2023
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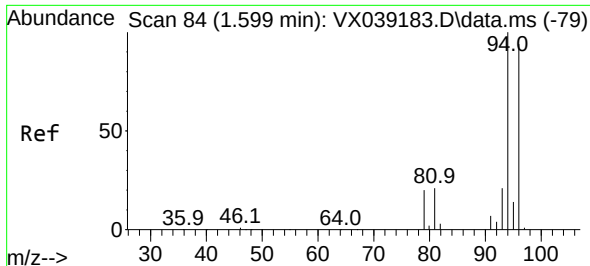


#4
Vinyl Chloride
Concen: 20.014 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57



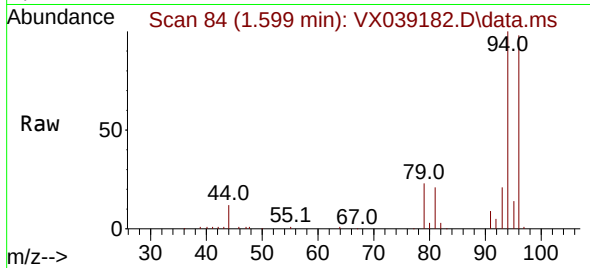
Tgt Ion: 62 Resp: 36440
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 20.698 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

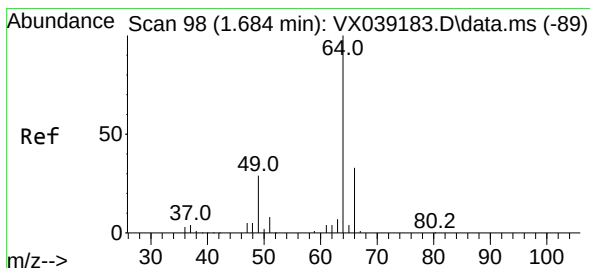
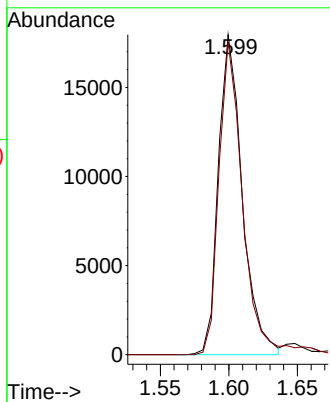
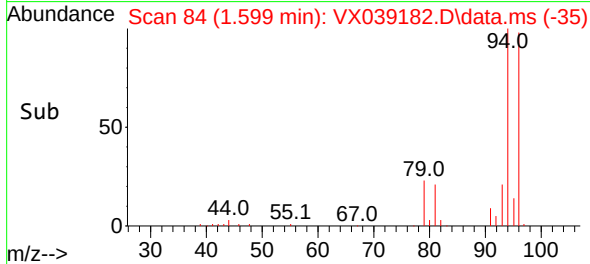
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Tgt Ion: 94 Resp: 2168
Ion Ratio Lower Upper
94 100
96 97.8 74.6 111.8

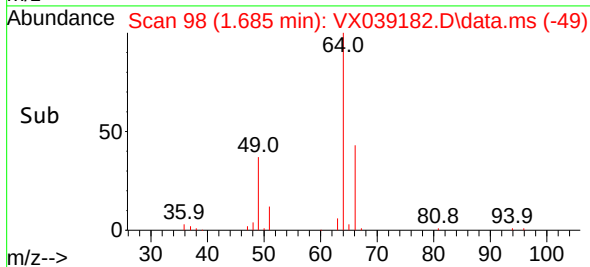
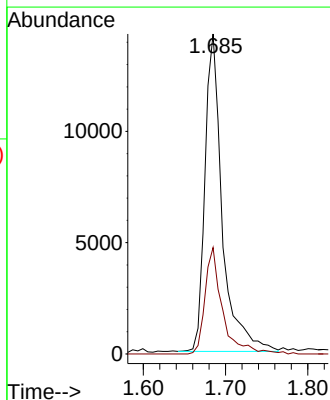
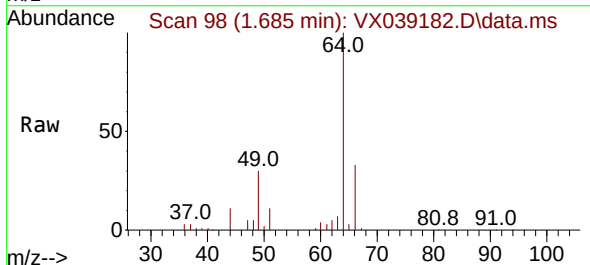
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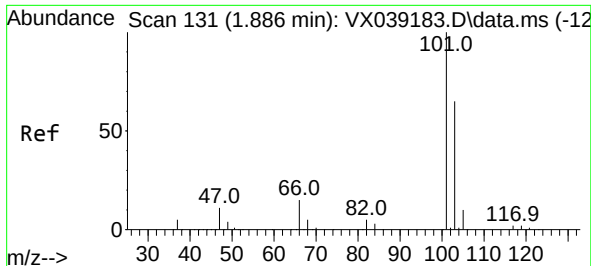
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 19.009 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

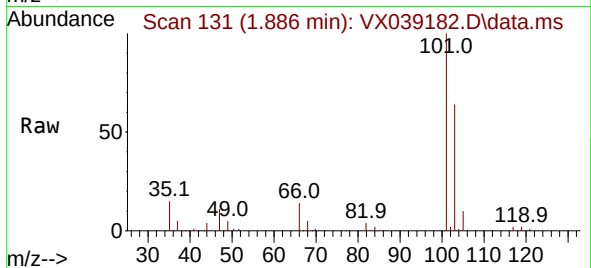
Tgt Ion: 64 Resp: 20856
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 20.491 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039182.D
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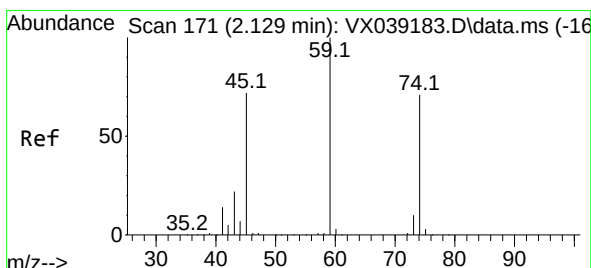
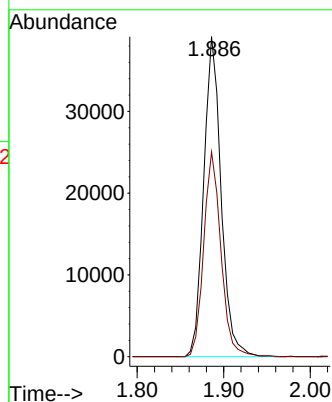
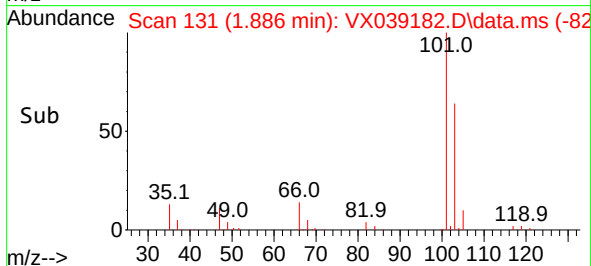
Instrument :
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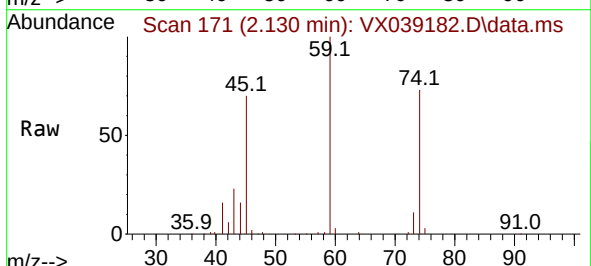
Tgt Ion:101 Resp: 54630
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

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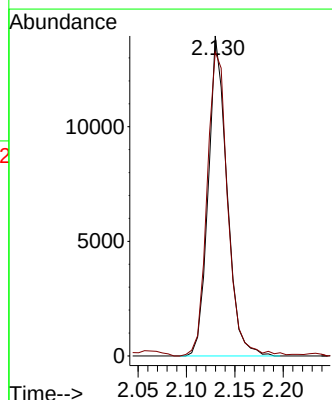
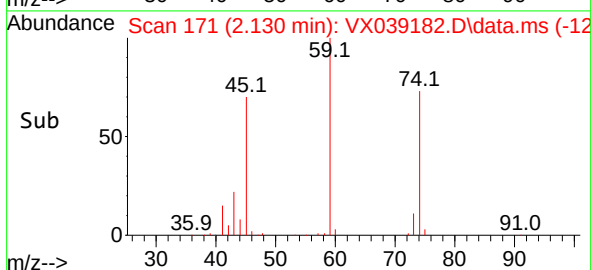
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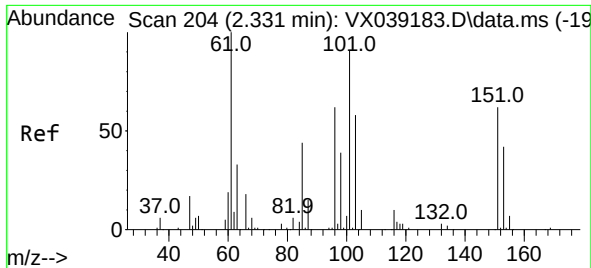


#8
Diethyl Ether
Concen: 20.484 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039182.D
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Tgt Ion: 74 Resp: 18901
Ion Ratio Lower Upper
74 100
45 104.8 53.3 159.8





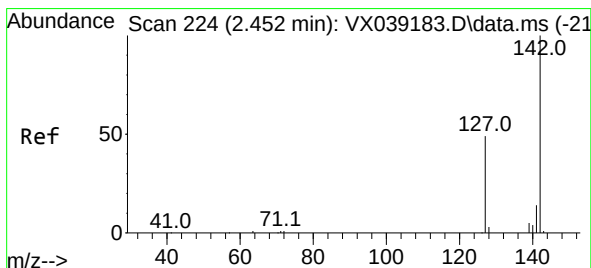
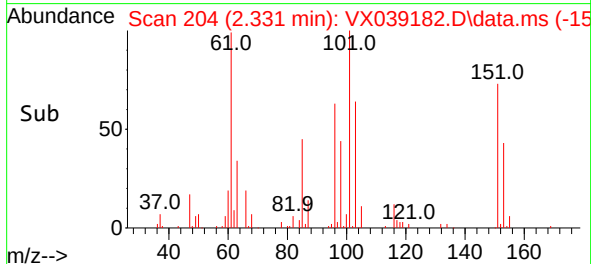
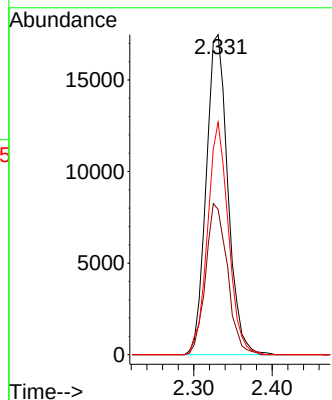
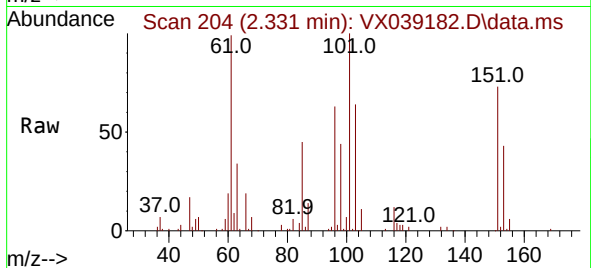
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.615 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 33538
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 69.9 58.6 87.8

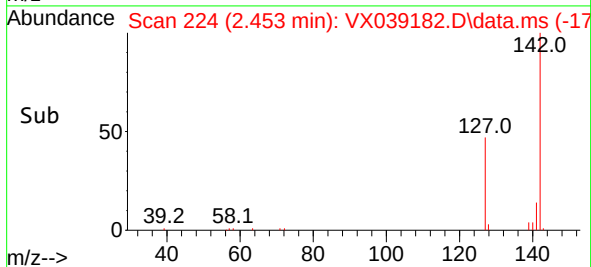
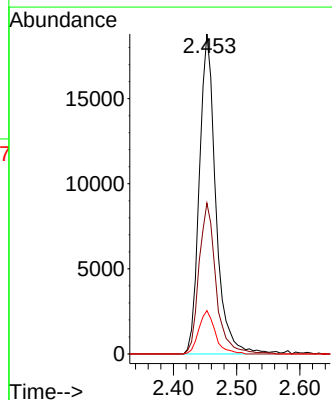
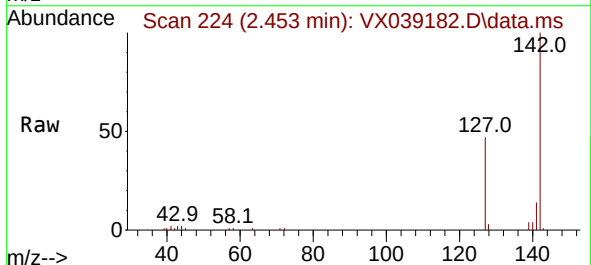
Manual Integrations
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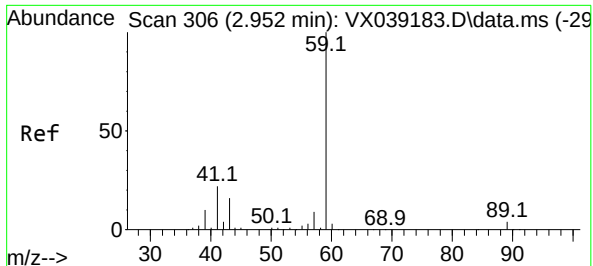
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 20.257 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:142 Resp: 34064
Ion Ratio Lower Upper
142 100
127 48.6 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 97.807 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 59 Resp: 5654

Ion Ratio Lower Upper

59 100

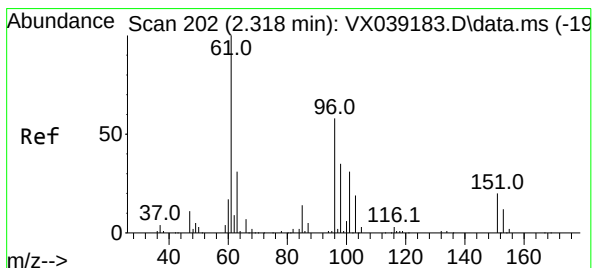
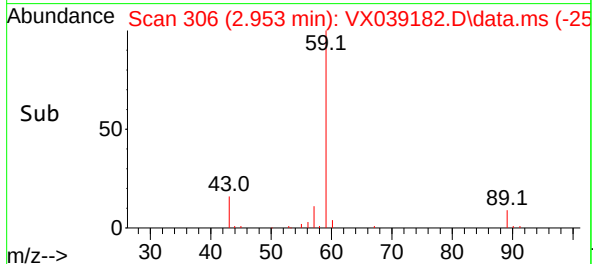
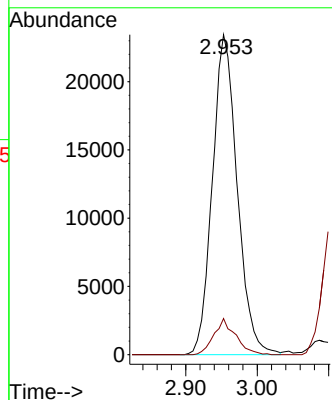
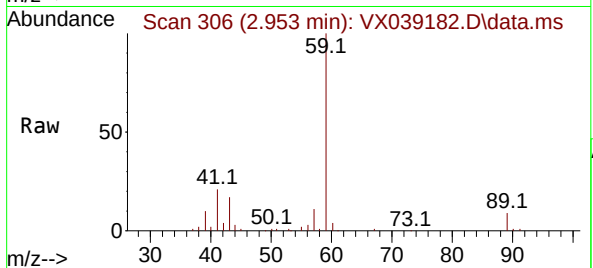
57 9.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#12

1,1-Dichloroethene

Concen: 20.570 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

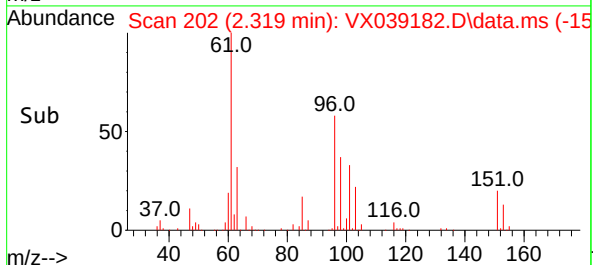
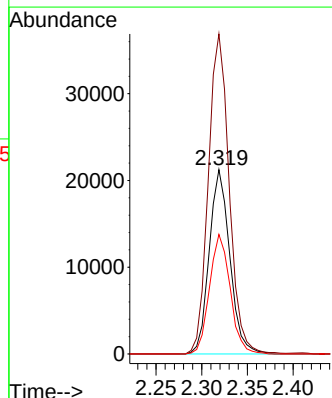
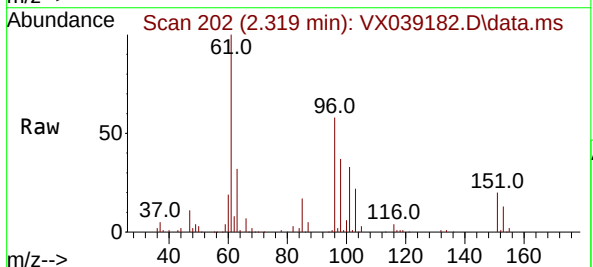
Tgt Ion: 96 Resp: 33242

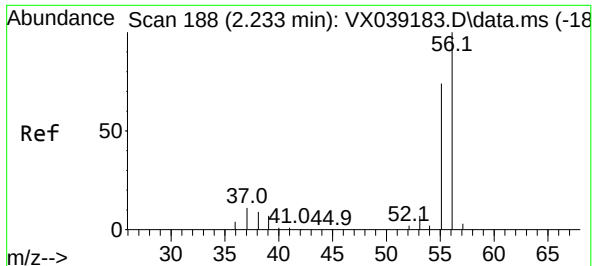
Ion Ratio Lower Upper

96 100

61 173.6 144.6 216.8

98 64.8 50.4 75.6





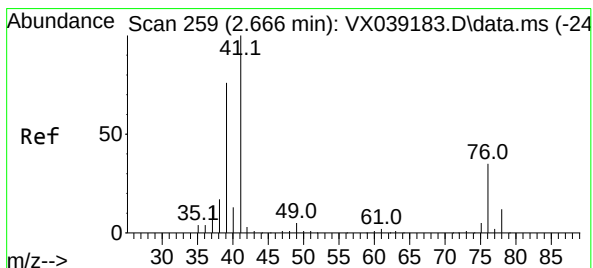
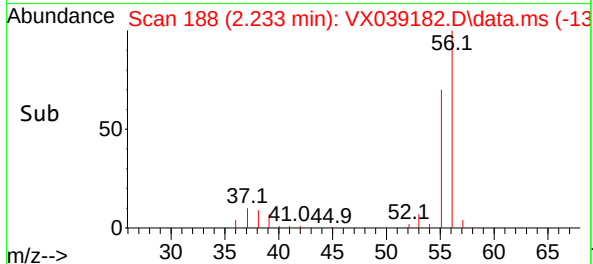
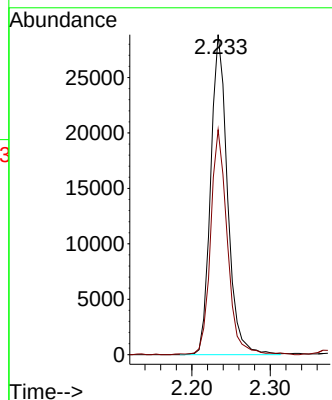
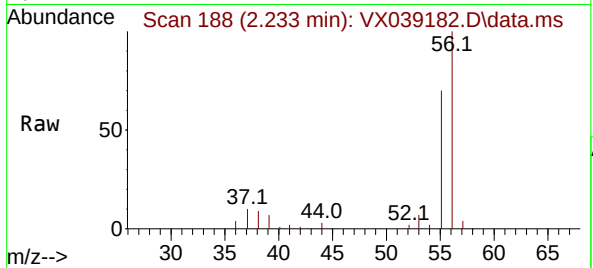
#13
Acrolein
Concen: 93.338 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 4304
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7

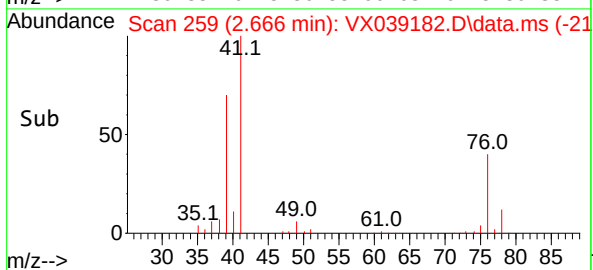
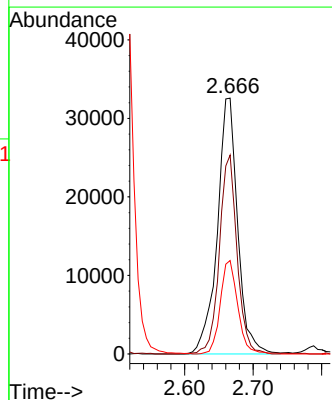
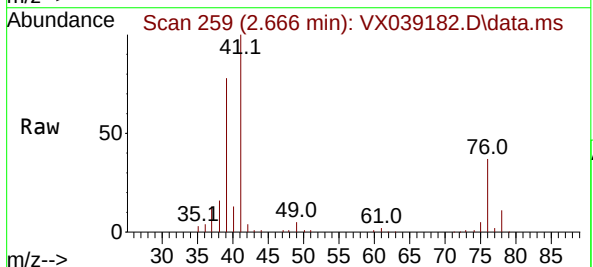
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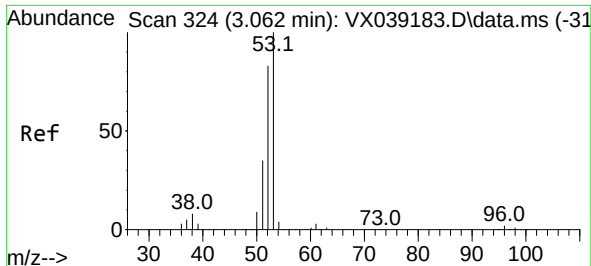
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#14
Allyl chloride
Concen: 20.532 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

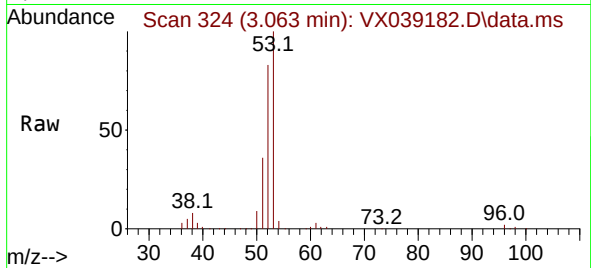
Tgt Ion: 41 Resp: 67216
Ion Ratio Lower Upper
41 100
39 67.6 55.8 83.6
76 31.1 24.3 36.5





#15
Acrylonitrile
Concen: 104.100 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

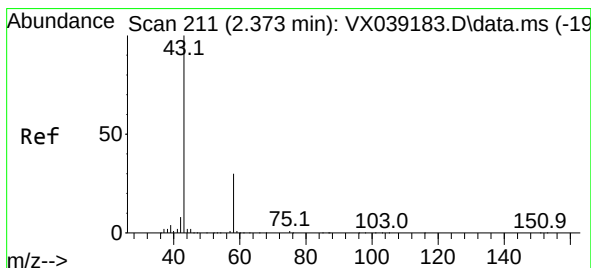
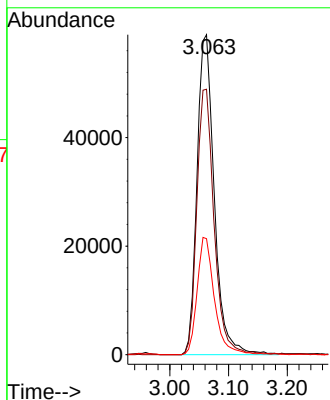
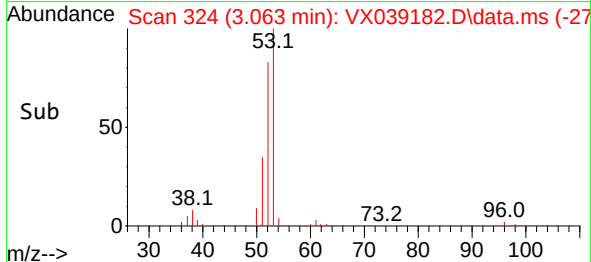
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 120460
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.9 29.8 44.6

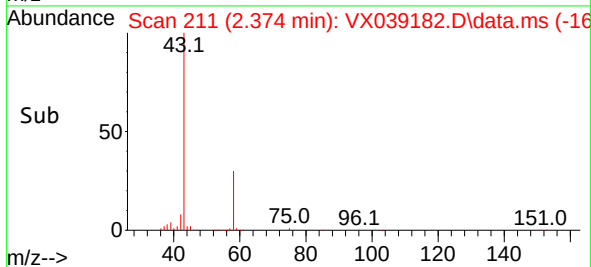
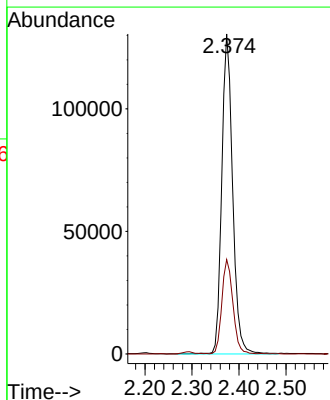
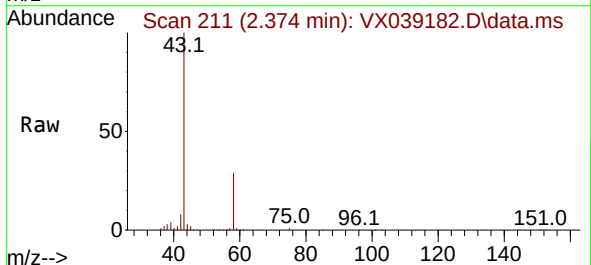
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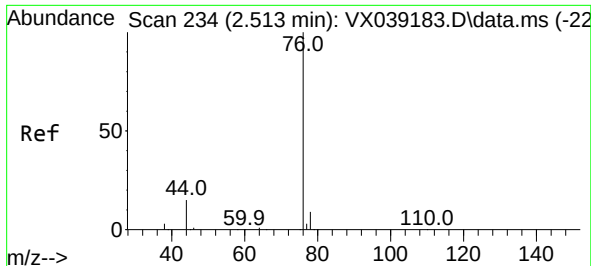
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 147.826 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 43 Resp: 210584
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





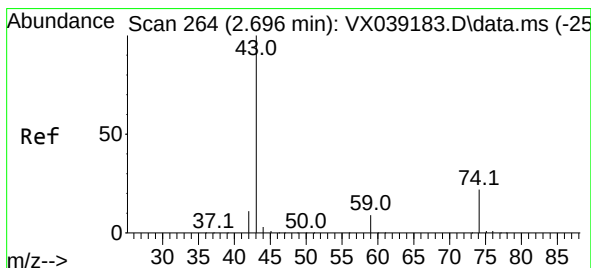
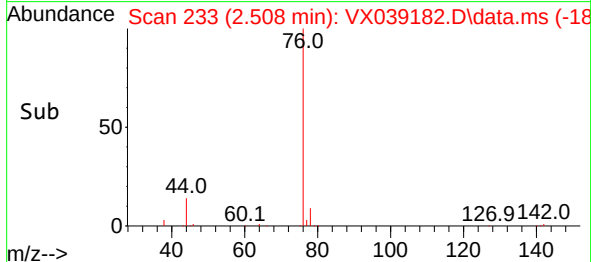
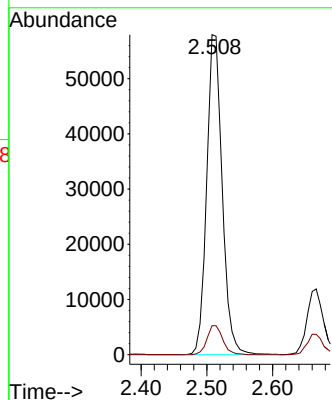
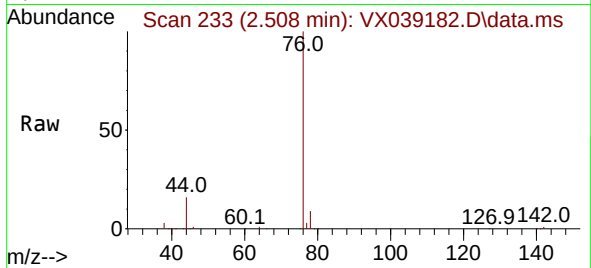
#17
Carbon Disulfide
Concen: 20.130 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 95190
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

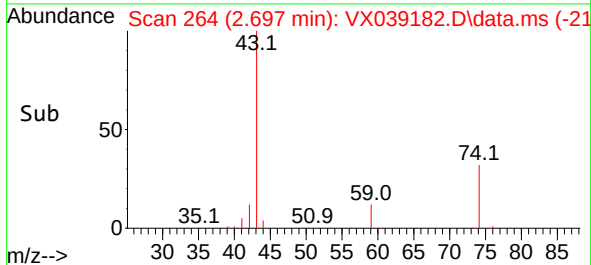
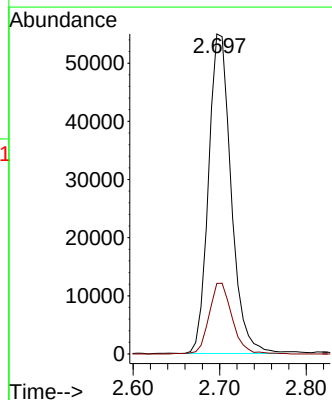
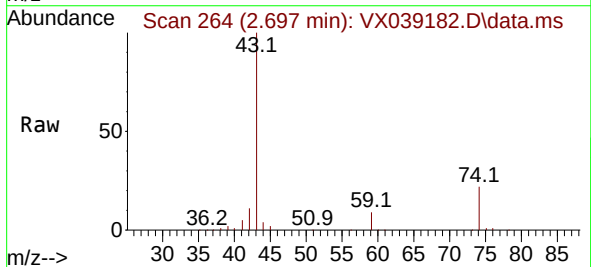
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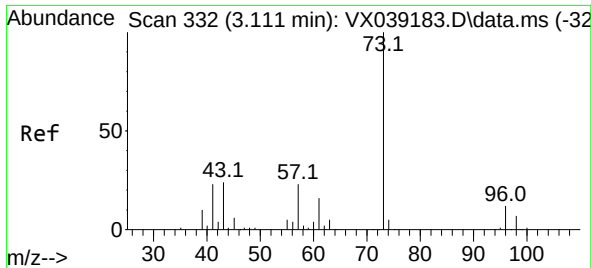
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#18
Methyl Acetate
Concen: 20.026 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 43 Resp: 99718
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





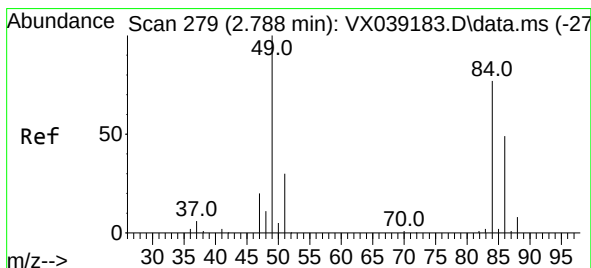
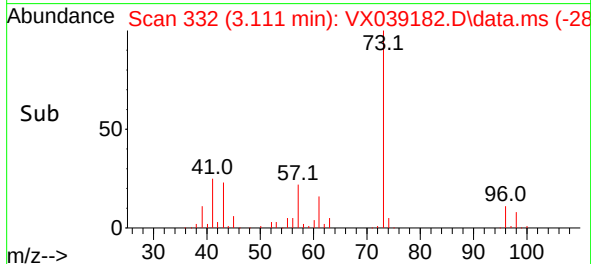
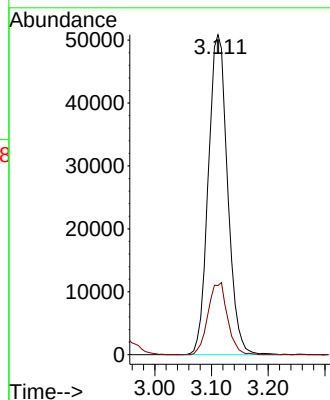
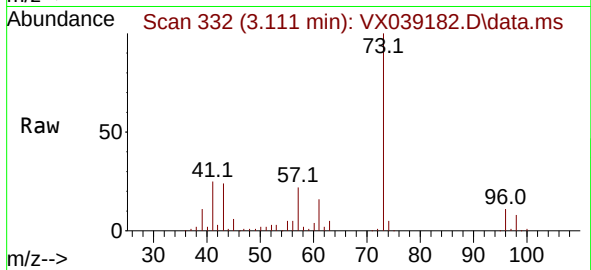
#19
Methyl tert-butyl Ether
Concen: 20.571 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 120230
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

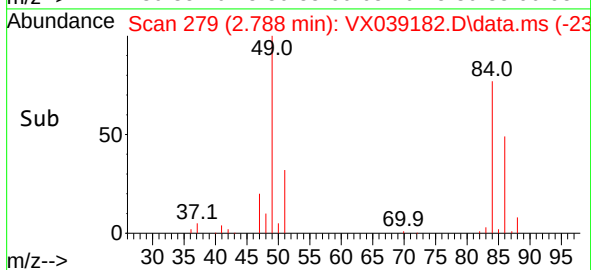
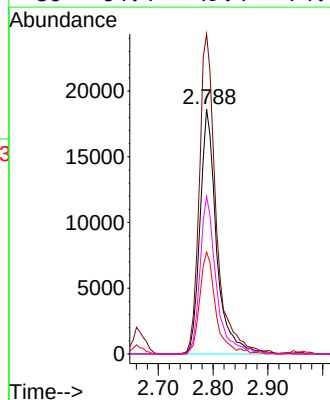
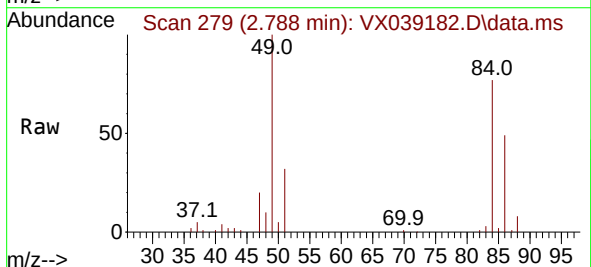
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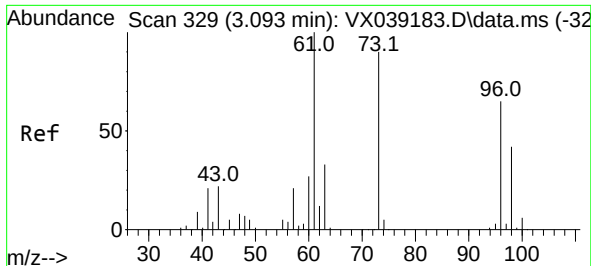
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 20.332 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

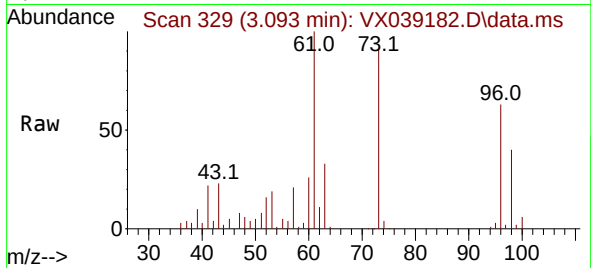
Tgt Ion: 84 Resp: 39020
Ion Ratio Lower Upper
84 100
49 130.6 103.6 155.4
51 41.6 33.8 50.6
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 20.658 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

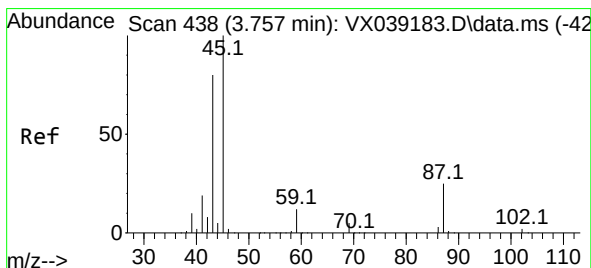
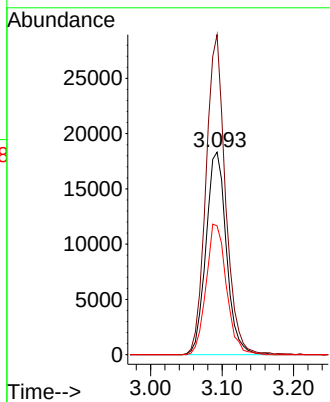
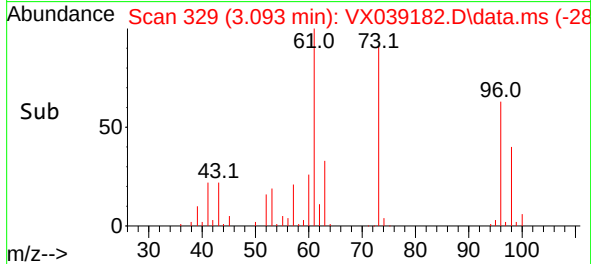
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 3632
Ion Ratio Lower Upper
96 100
61 158.0 119.2 178.8
98 63.6 48.7 73.1

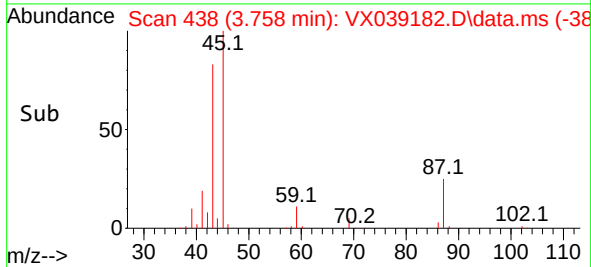
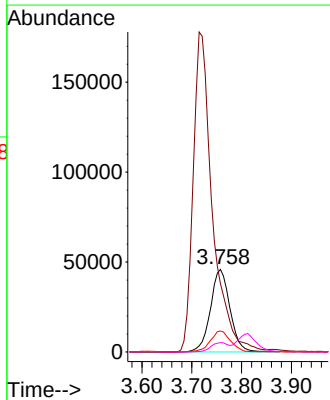
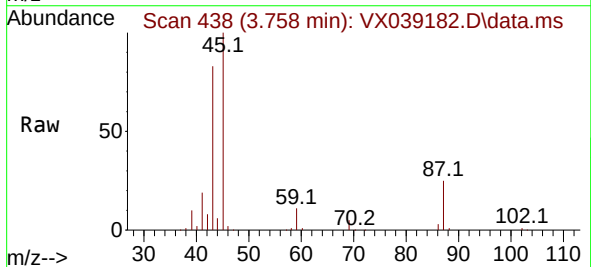
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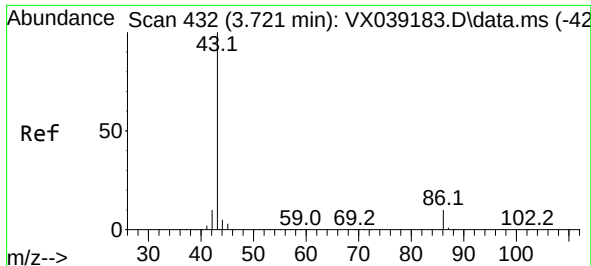
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 20.974 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 45 Resp: 124988
Ion Ratio Lower Upper
45 100
43 82.4 69.7 104.5
87 25.4 20.8 31.2
59 11.3 9.0 13.4





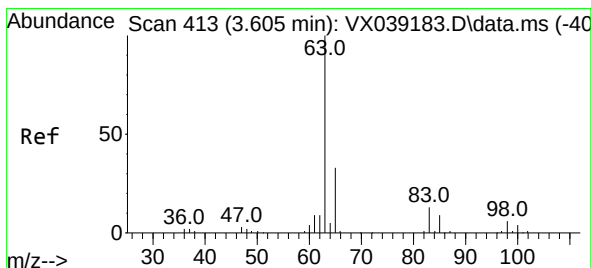
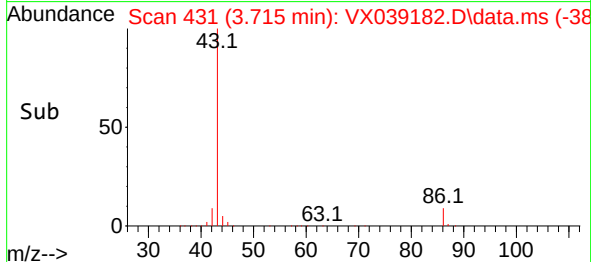
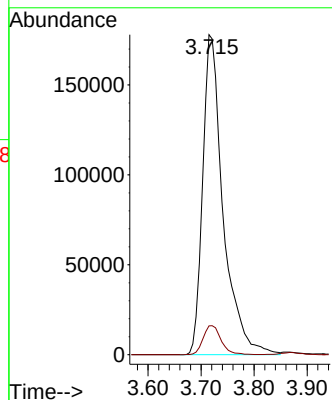
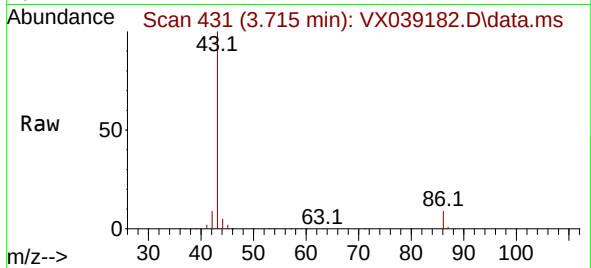
#23
 Vinyl Acetate
 Concen: 107.538 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039182.D
 Acq: 13 Dec 2023 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 47708
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8

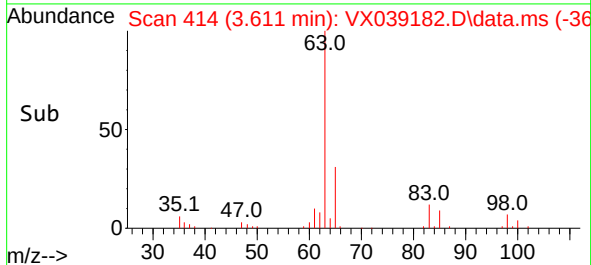
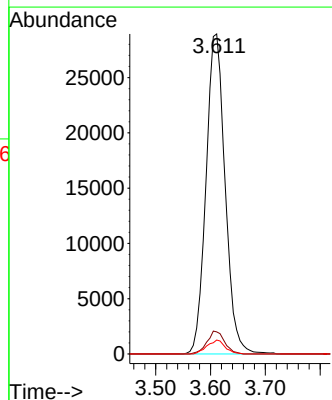
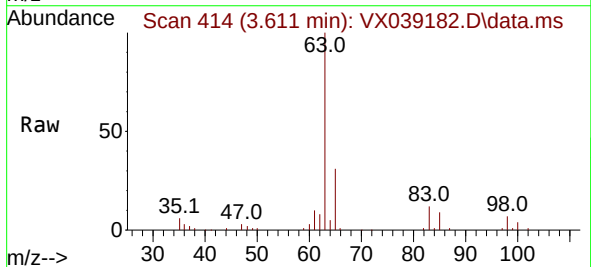
Manual Integrations
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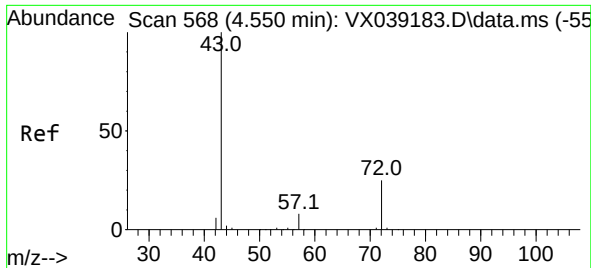
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#24
 1,1-Dichloroethane
 Concen: 20.749 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039182.D
 Acq: 13 Dec 2023 10:57

Tgt Ion: 63 Resp: 69897
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.4 2.1 6.5





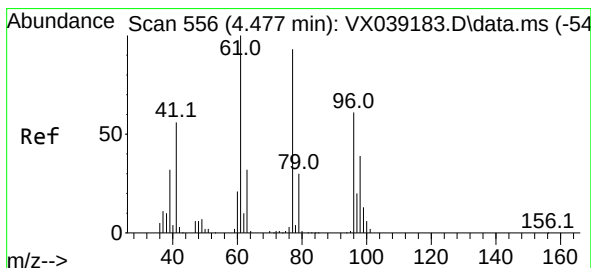
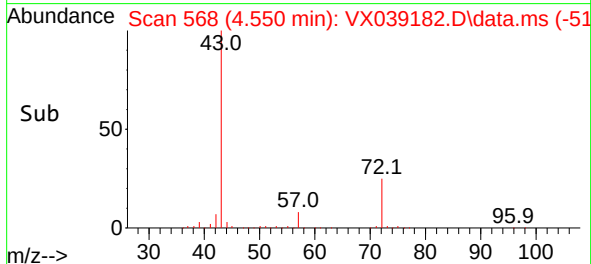
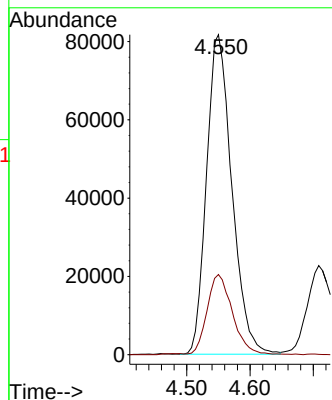
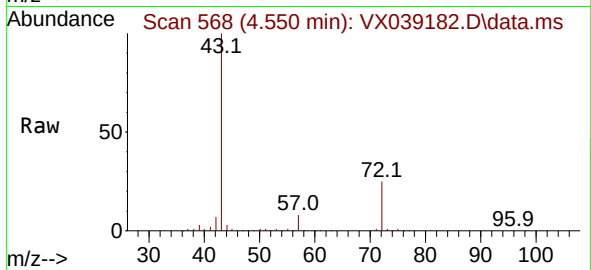
#25
2-Butanone
Concen: 114.593 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 227648
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

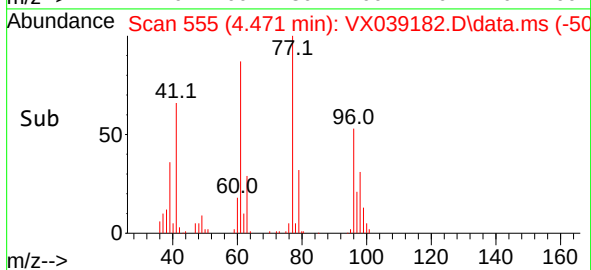
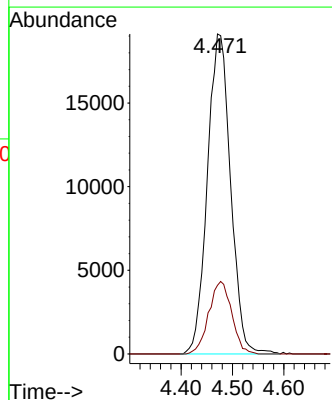
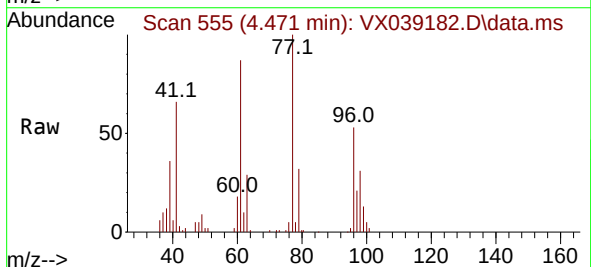
Manual Integrations
APPROVED

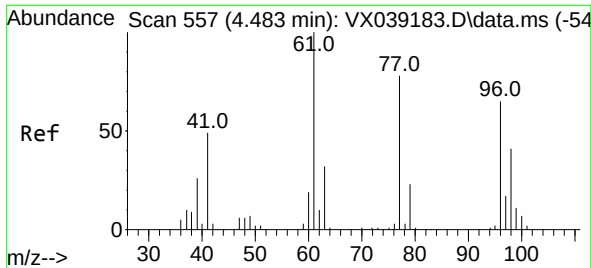
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#26
2,2-Dichloropropane
Concen: 20.384 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 77 Resp: 59948
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.350 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 41439

Ion Ratio Lower Upper

96 100

61 162.4 0.0 312.2

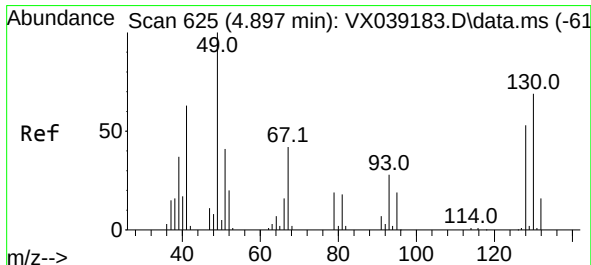
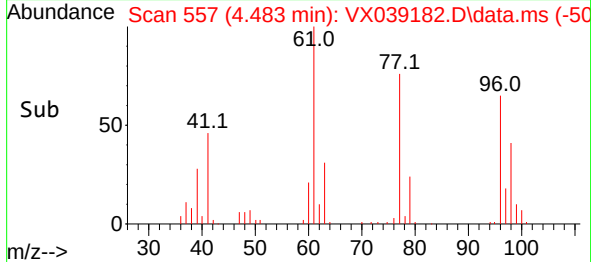
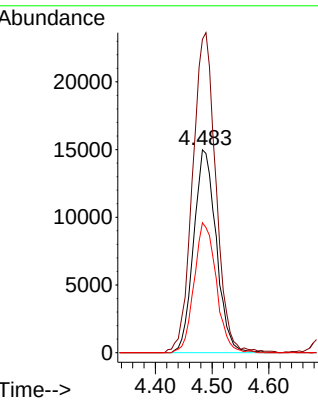
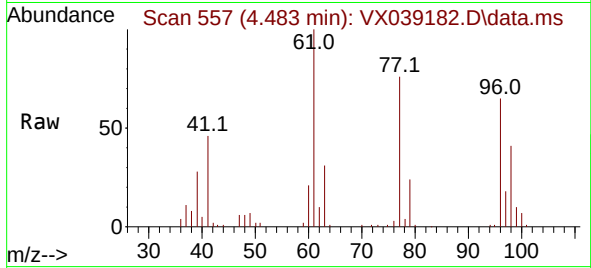
98 62.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#28

Bromochloromethane

Concen: 20.954 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

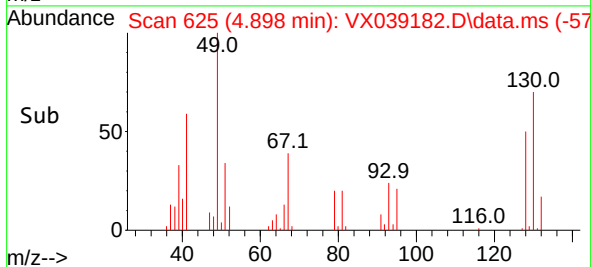
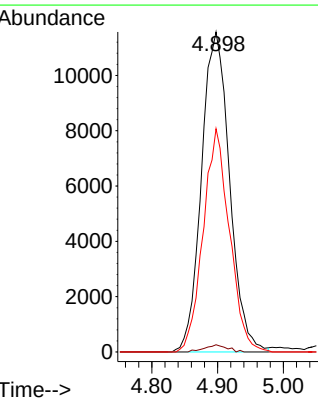
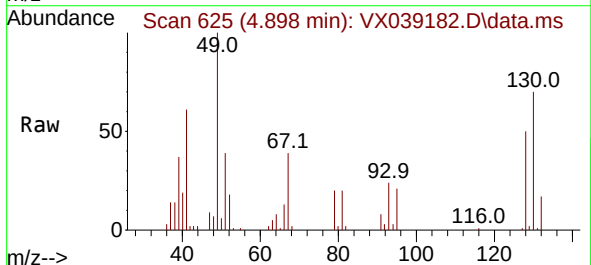
Tgt Ion: 49 Resp: 34441

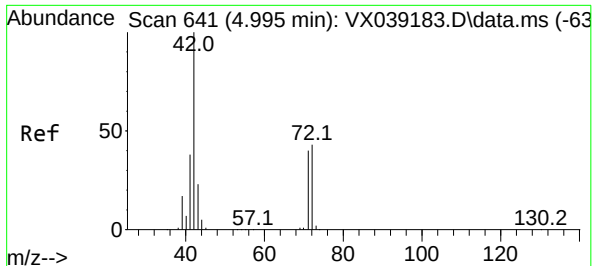
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 65.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 104.597 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 11475

Ion Ratio Lower Upper

42 100

72 43.0 34.2 51.4

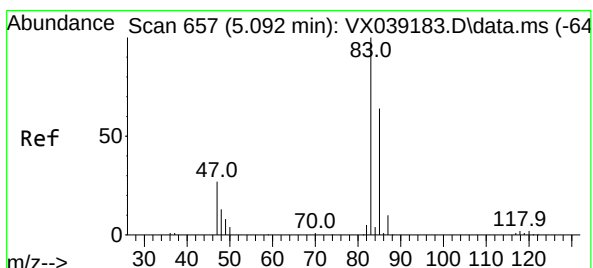
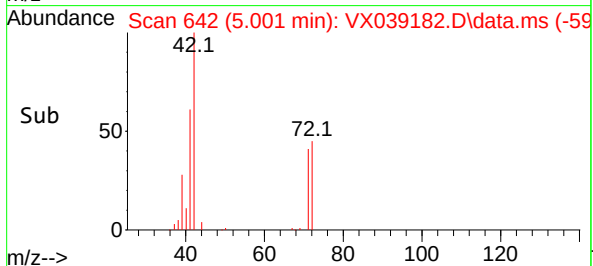
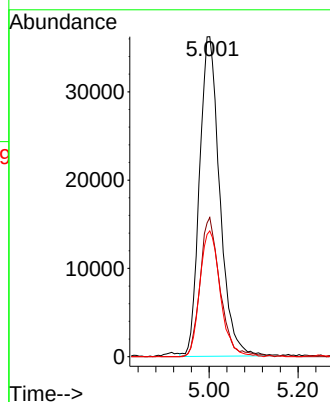
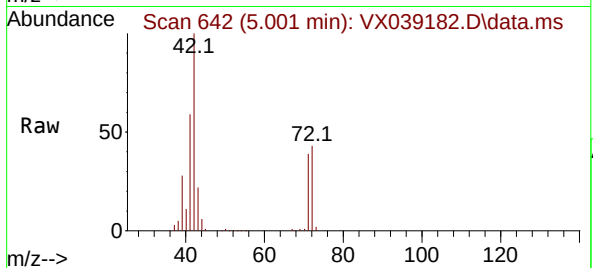
71 39.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 20.678 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039182.D

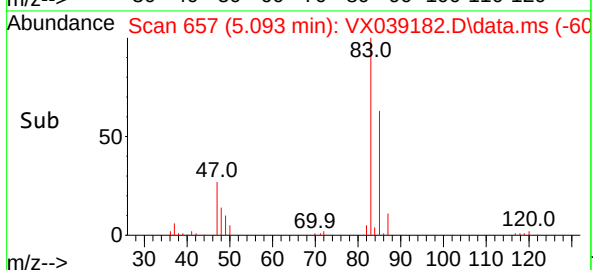
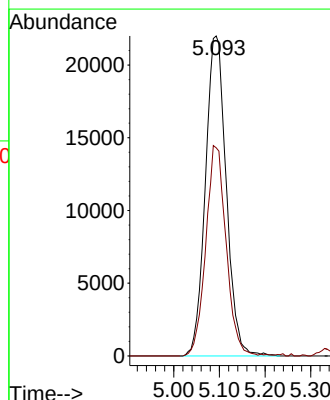
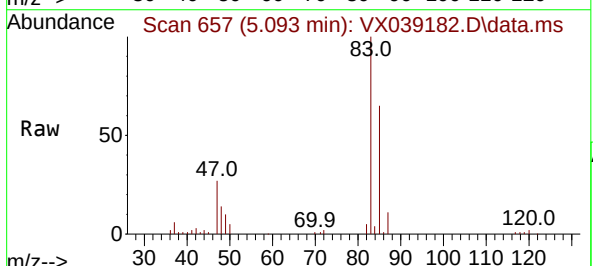
Acq: 13 Dec 2023 10:57

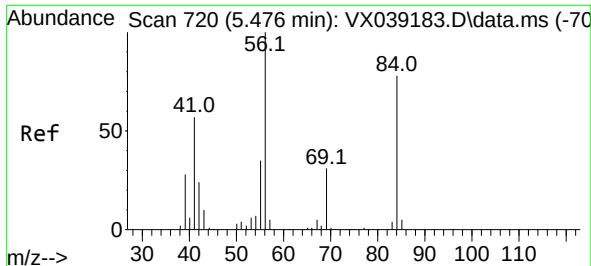
Tgt Ion: 83 Resp: 69609

Ion Ratio Lower Upper

83 100

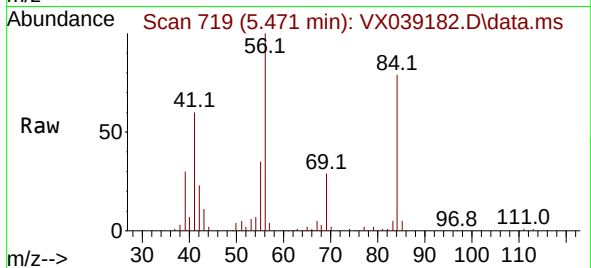
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 21.337 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

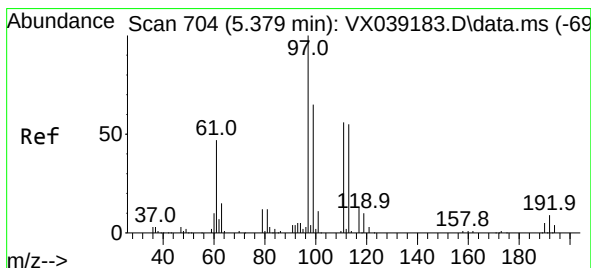
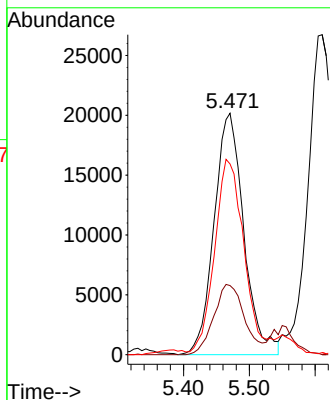
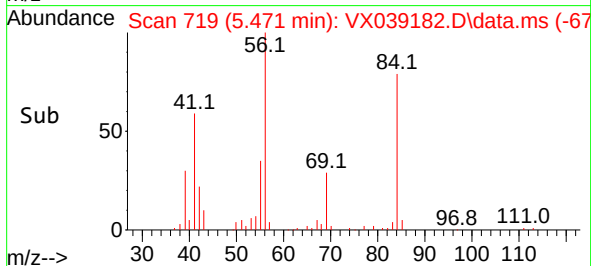
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 6344
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.2
84 77.5 65.9 98.9

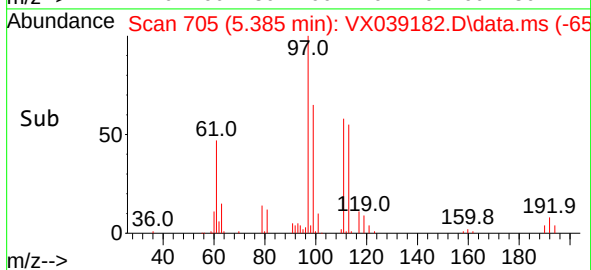
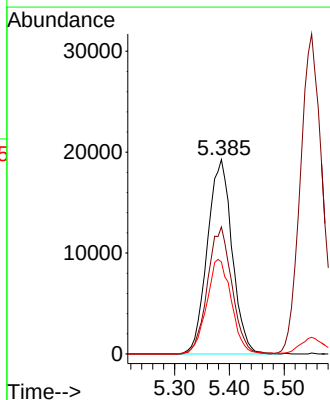
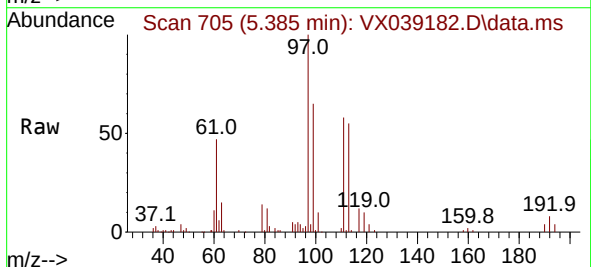
Manual Integrations
APPROVED

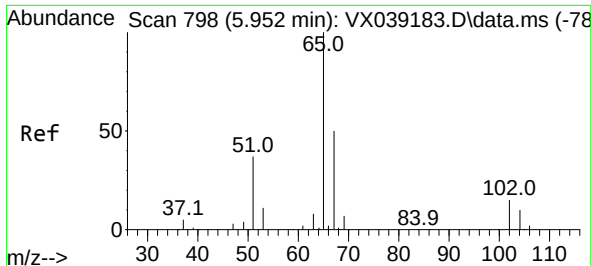
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 20.630 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 97 Resp: 60289
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 48.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 19.139 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4406

Ion Ratio Lower Upper

65 100

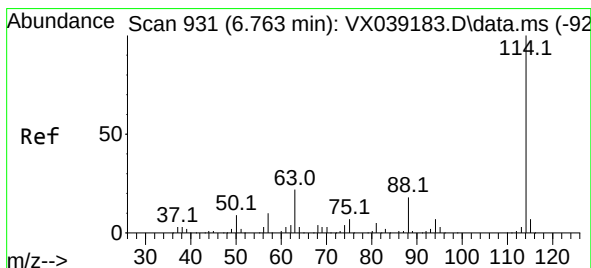
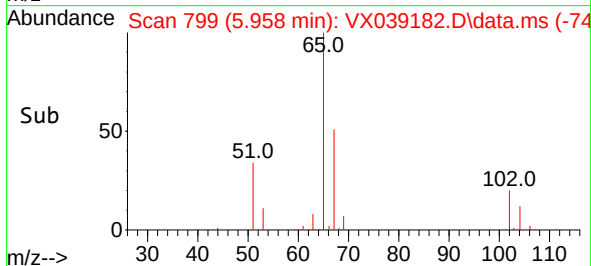
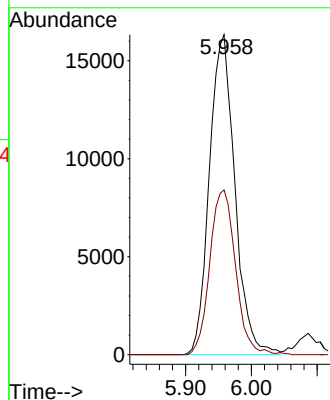
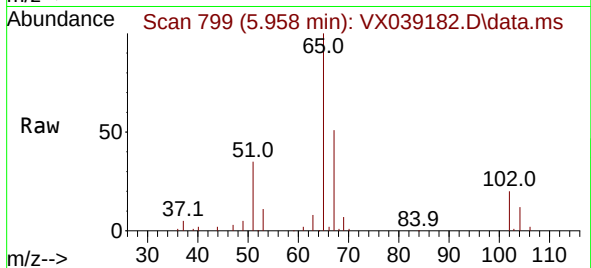
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

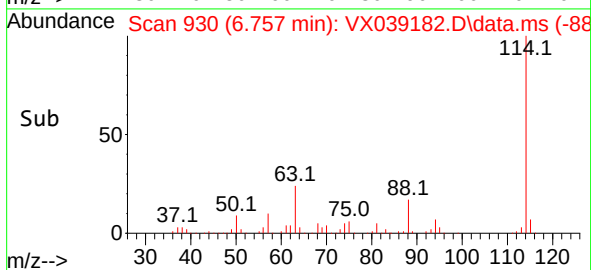
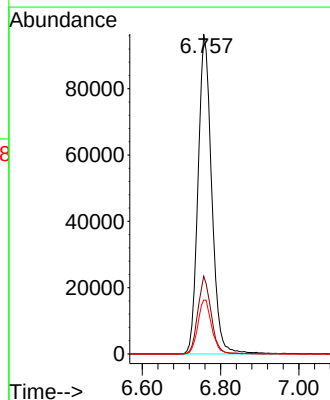
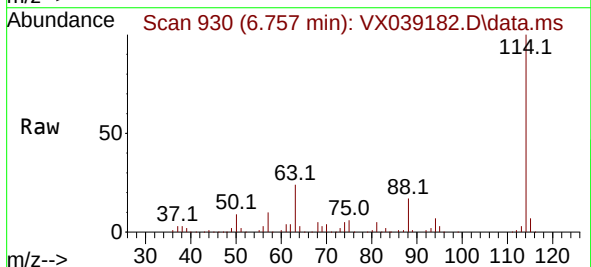
Tgt Ion:114 Resp: 233411

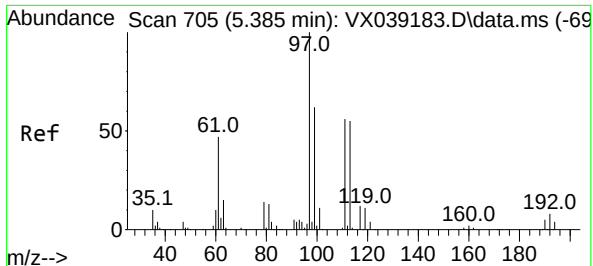
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

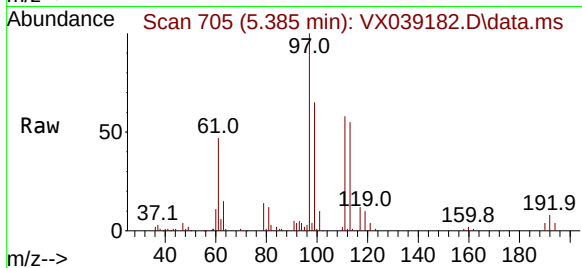
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 19.483 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

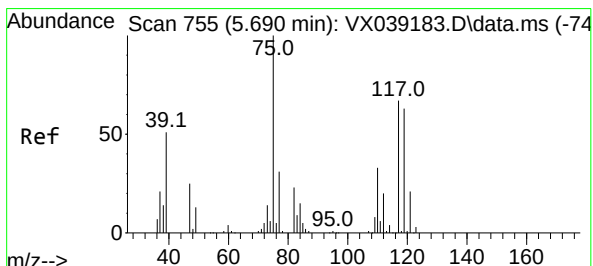
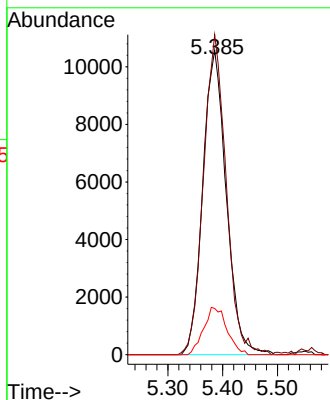
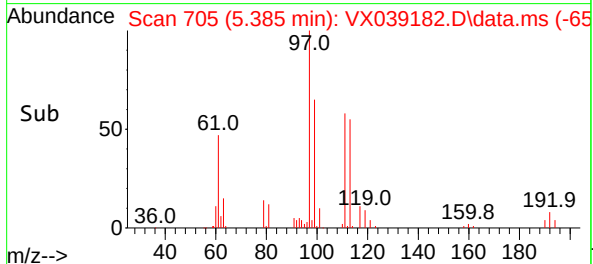
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:113 Resp: 3141
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 15.4 13.3 19.9

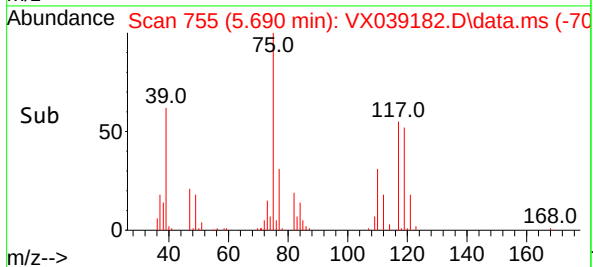
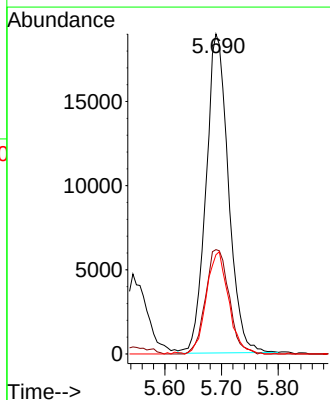
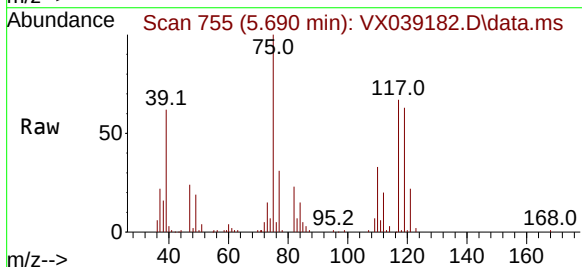
Manual Integrations
APPROVED

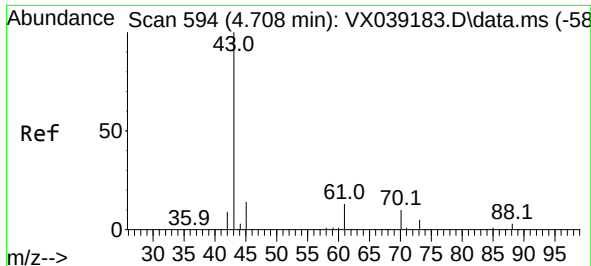
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#36
1,1-Dichloropropene
Concen: 20.475 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 75 Resp: 52102
Ion Ratio Lower Upper
75 100
110 34.3 17.0 50.9
77 31.8 24.7 37.1





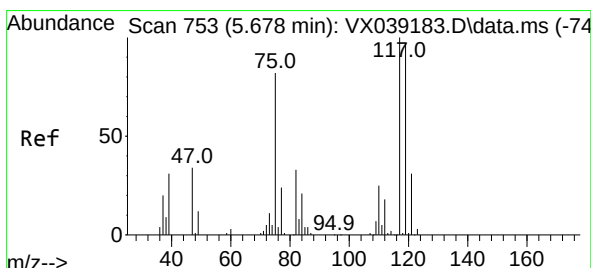
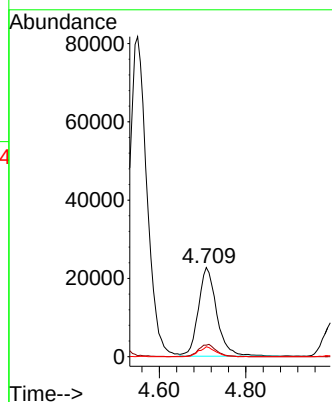
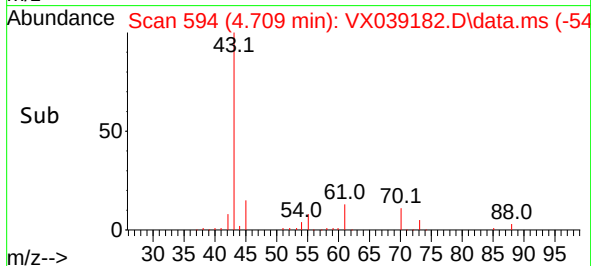
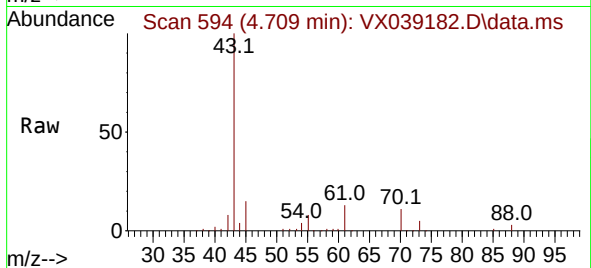
#37
Ethyl Acetate
Concen: 21.134 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 66440
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.2 8.3 12.5

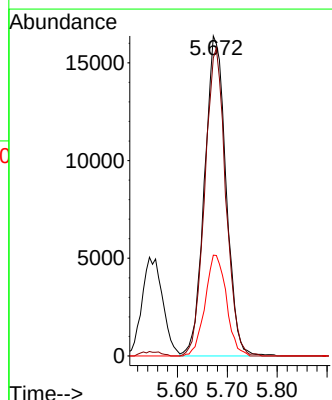
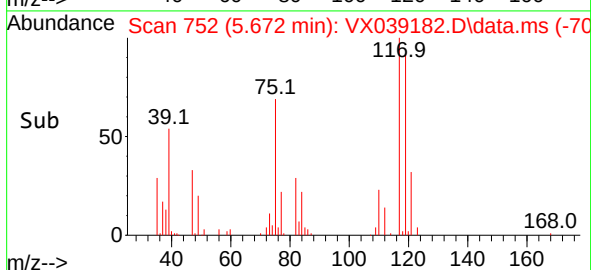
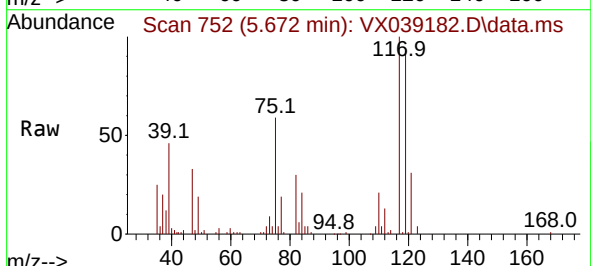
Manual Integrations
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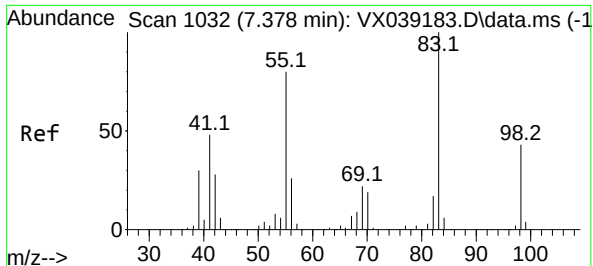
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#38
Carbon Tetrachloride
Concen: 20.217 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:117 Resp: 49093
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 20.687 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 63230

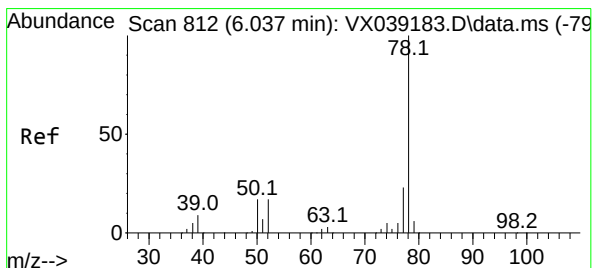
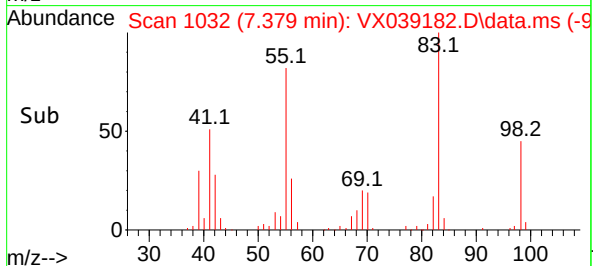
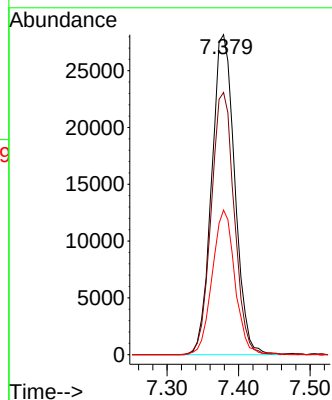
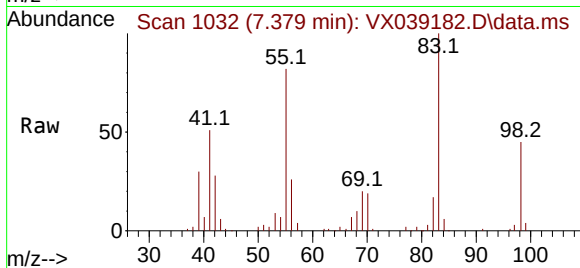
Ion	Ratio	Lower	Upper
83	100		
55	82.0	64.6	97.0
98	45.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#40

Benzene

Concen: 20.815 ug/l

RT: 6.038 min Scan# 812

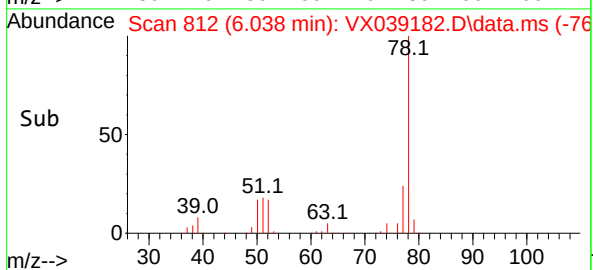
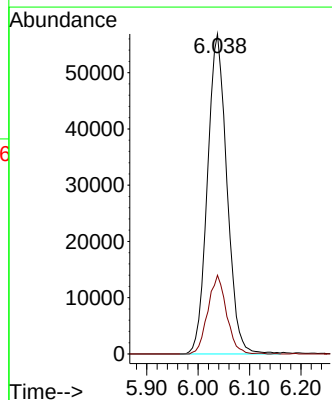
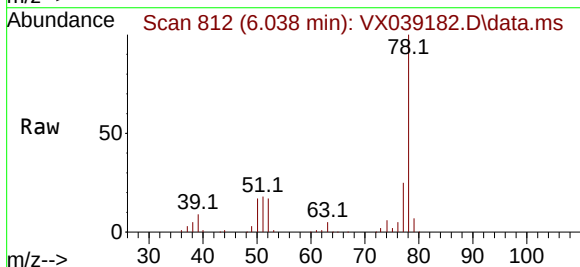
Delta R.T. 0.000 min

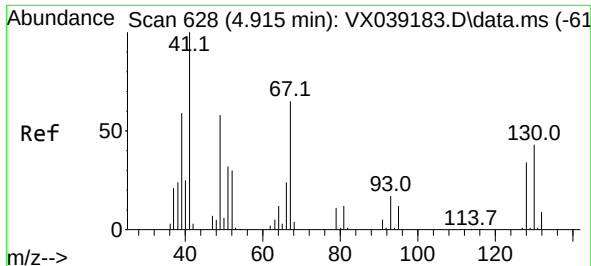
Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Tgt Ion: 78 Resp: 149824

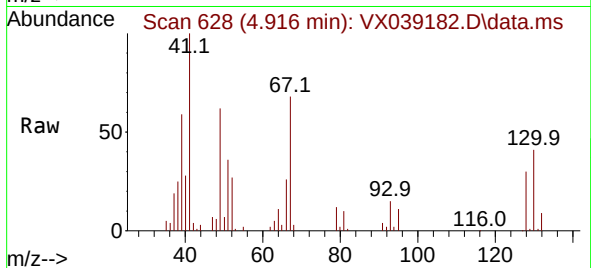
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9





#41
Methacrylonitrile
Concen: 21.175 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

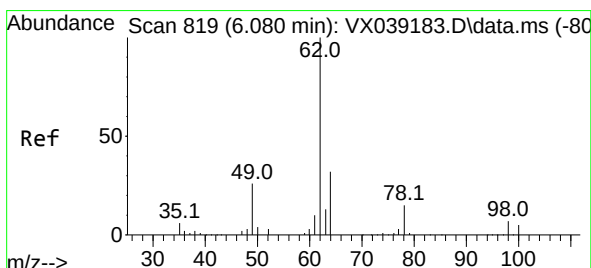
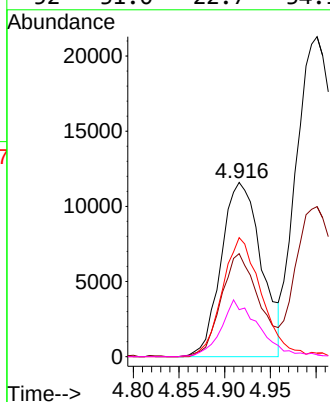
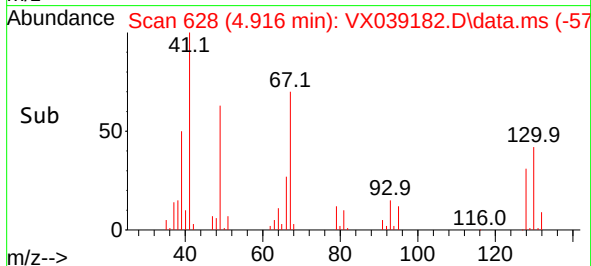
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41	Resp: 3551
Ion Ratio	Lower Upper
41 100	
39 56.2	45.2 67.8
67 66.9	52.6 78.8
52 31.0	22.7 34.1

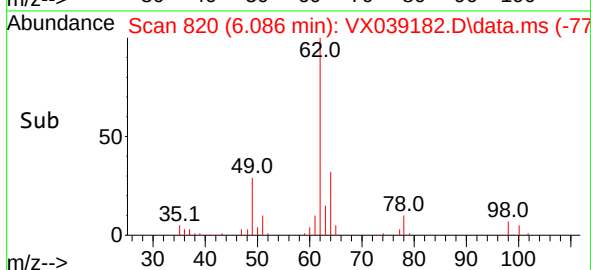
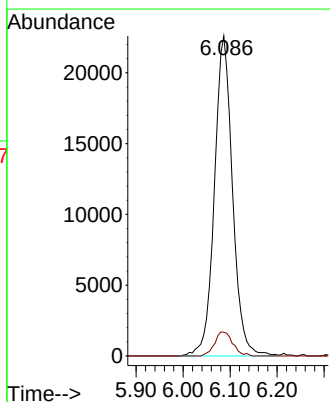
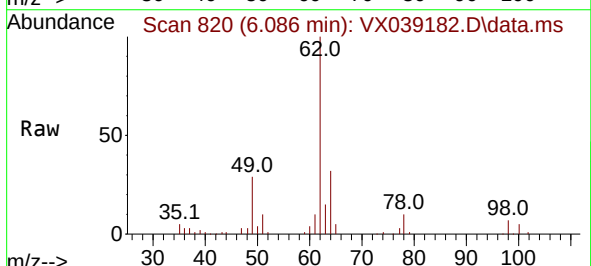
Manual Integrations
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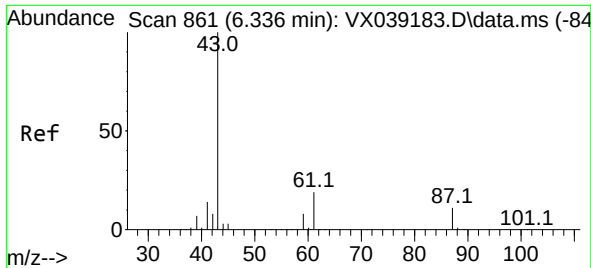
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 20.816 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

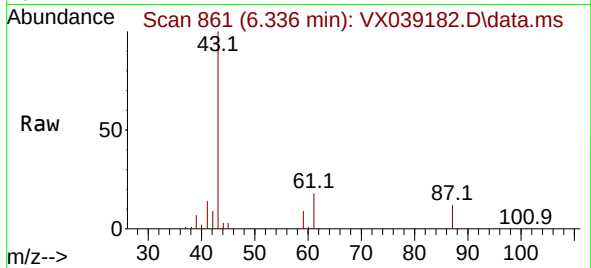
Tgt Ion: 62	Resp: 60651
Ion Ratio	Lower Upper
62 100	
98 7.5	0.0 16.0





#43
Isopropyl Acetate
Concen: 20.893 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

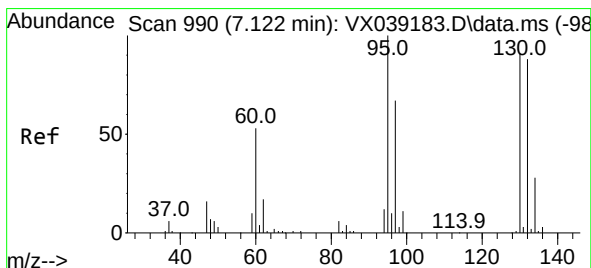
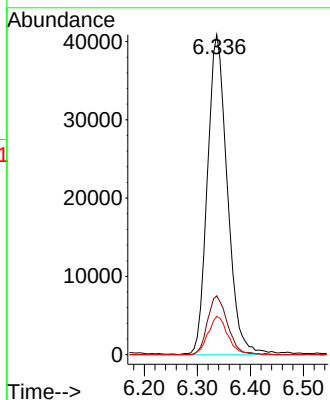
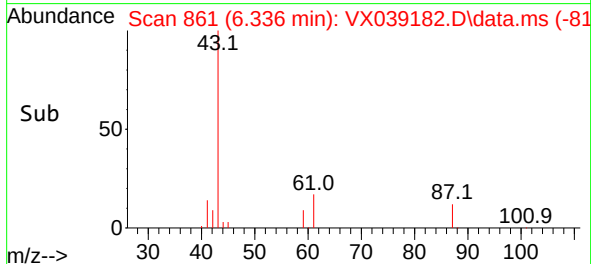
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 106800
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 11.9 9.8 14.6

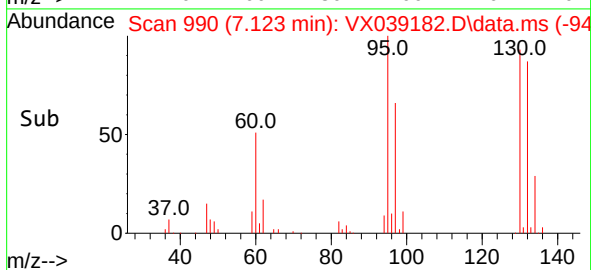
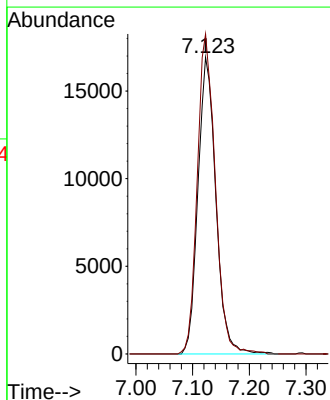
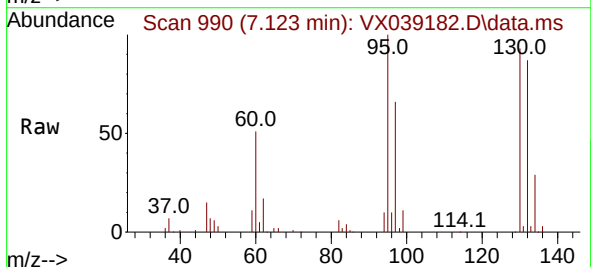
Manual Integrations
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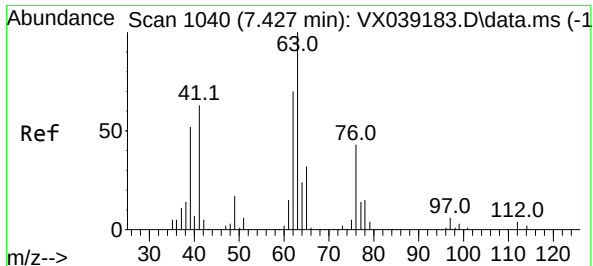
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#44
Trichloroethene
Concen: 20.481 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:130 Resp: 37201
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.516 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 3963

Ion Ratio Lower Upper

63 100

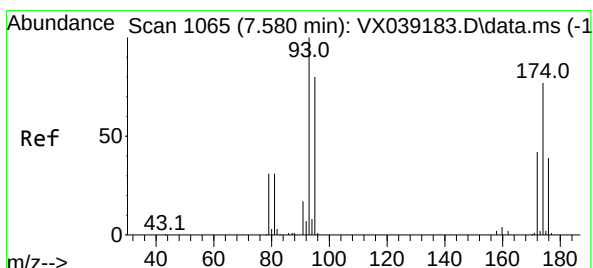
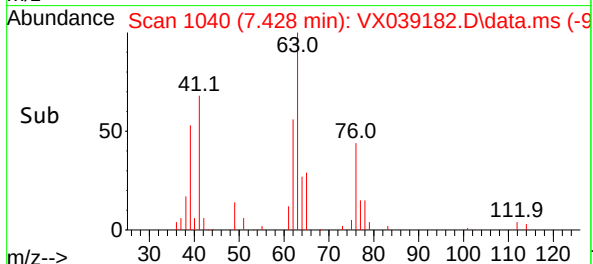
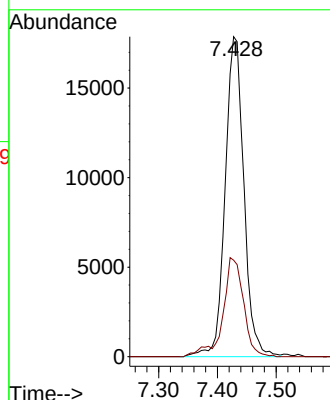
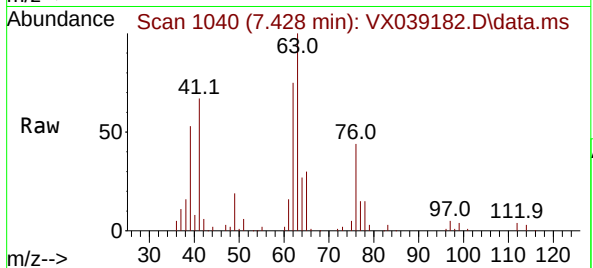
65 30.2 24.3 36.5

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 20.529 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

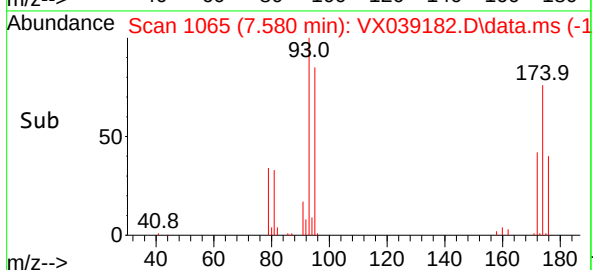
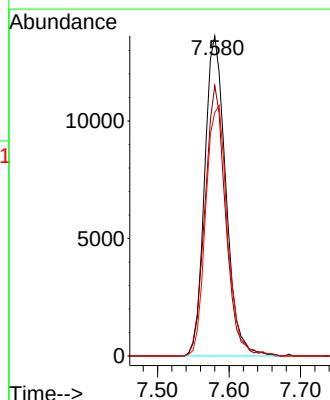
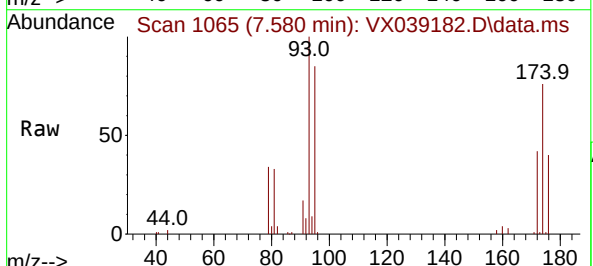
Tgt Ion: 93 Resp: 27878

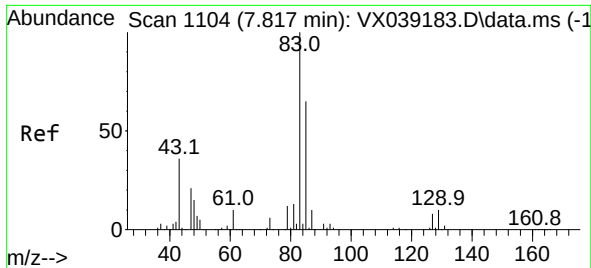
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 80.7 69.4 104.0





#47
Bromodichloromethane
Concen: 20.831 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

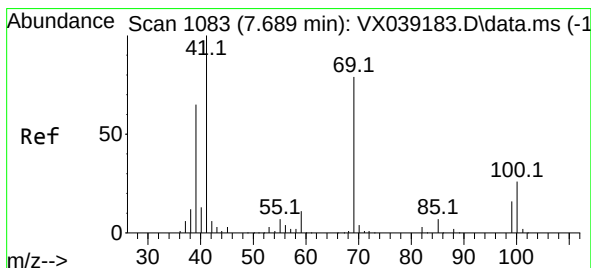
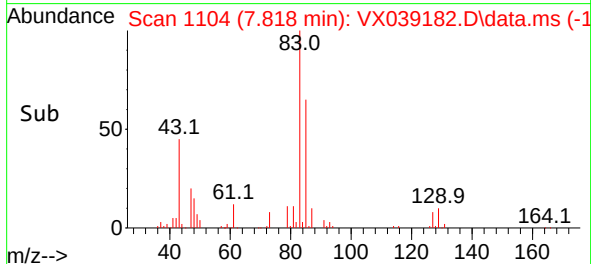
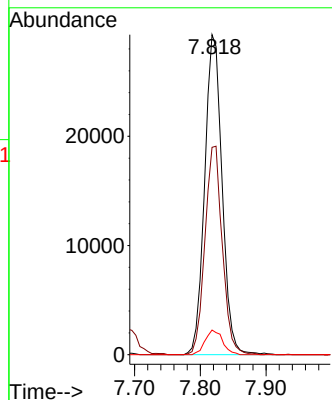
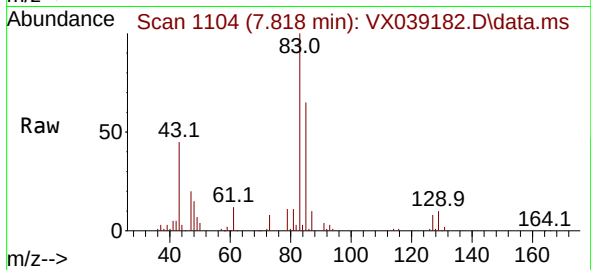
VSTDICC020

Tgt Ion: 83 Resp: 5408
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 7.7 7.1 10.7

Manual Integrations

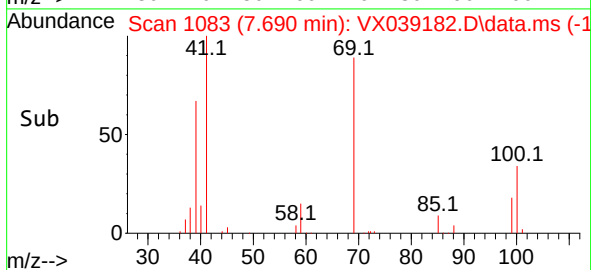
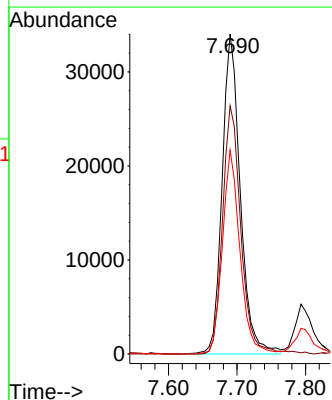
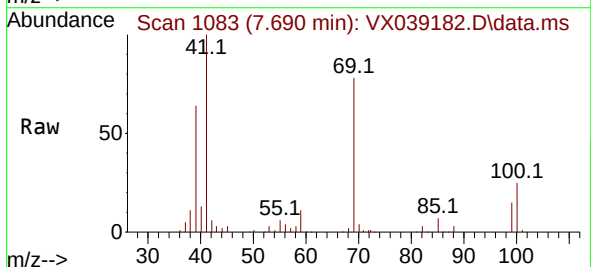
APPROVED

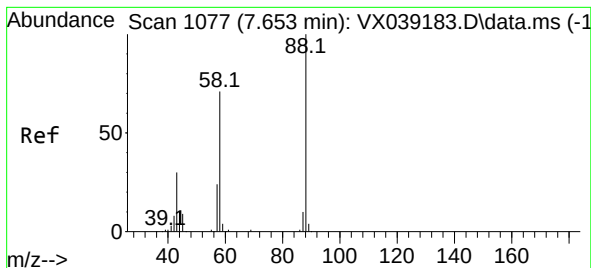
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#48
Methyl methacrylate
Concen: 20.883 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 41 Resp: 62412
Ion Ratio Lower Upper
41 100
69 78.4 59.2 88.8
39 61.7 47.7 71.5





#49

1,4-Dioxane

Concen: 401.805 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

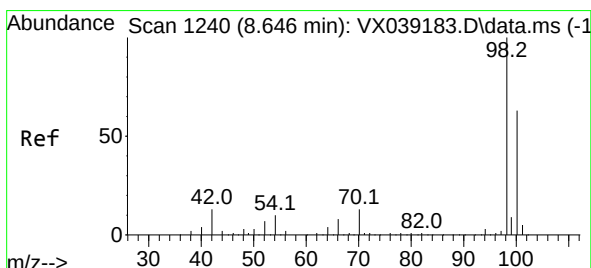
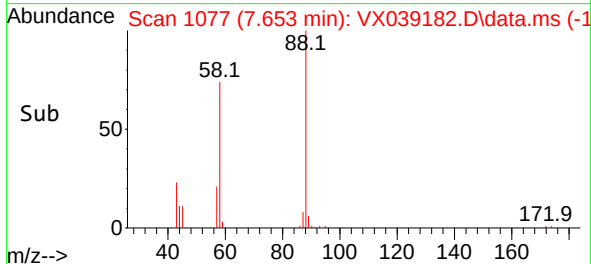
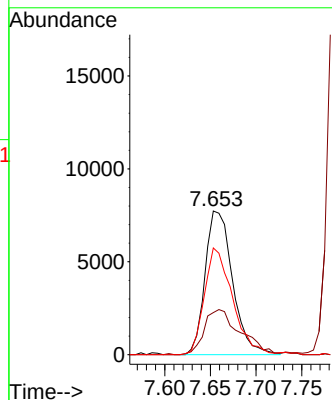
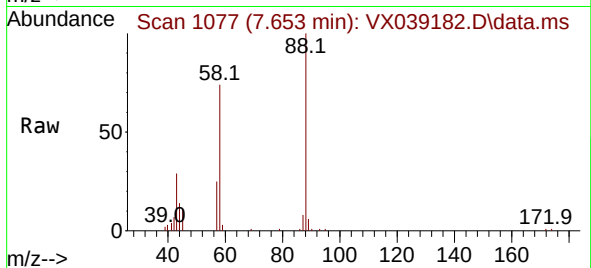
Tgt Ion: 88 Resp: 1618
 Ion Ratio Lower Upper
 88 100
 43 41.1 0.0 0.0
 58 76.0 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 19.573 ug/l

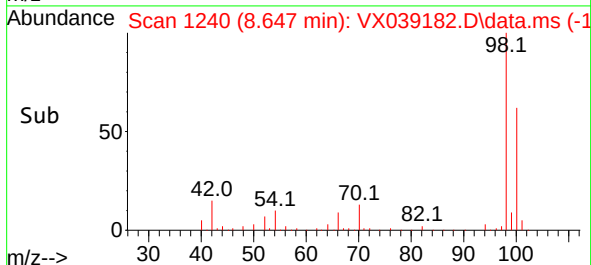
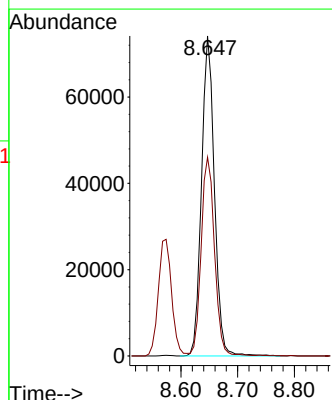
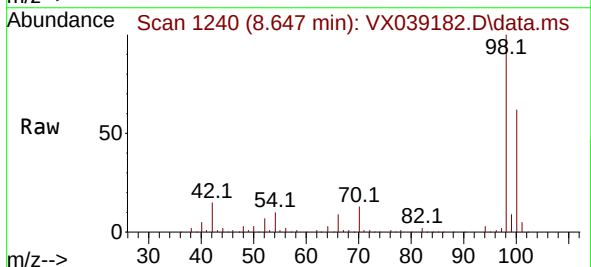
RT: 8.647 min Scan# 1240

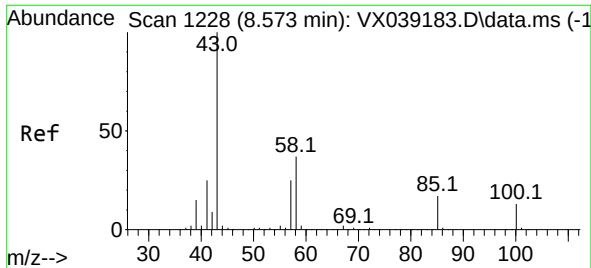
Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Tgt Ion: 98 Resp: 117173
 Ion Ratio Lower Upper
 98 100
 100 63.8 53.1 79.7





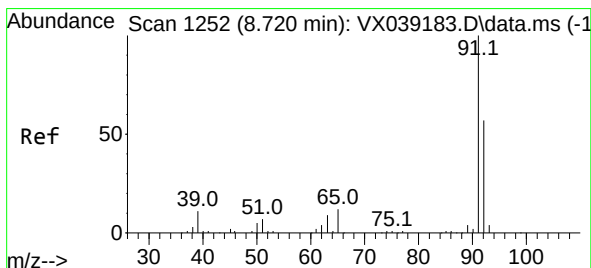
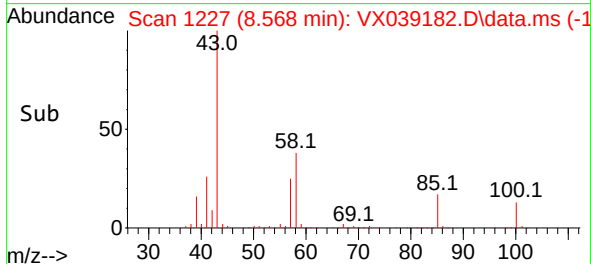
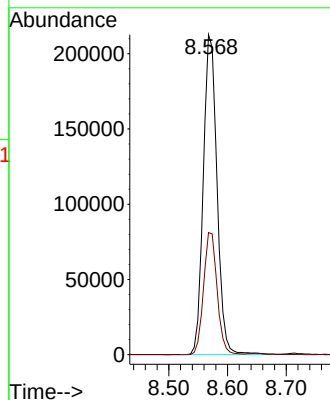
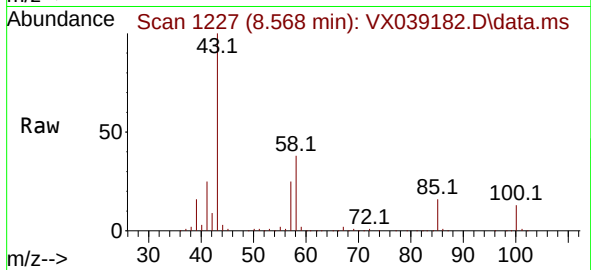
#51
4-Methyl-2-Pentanone
Concen: 106.215 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 34596
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

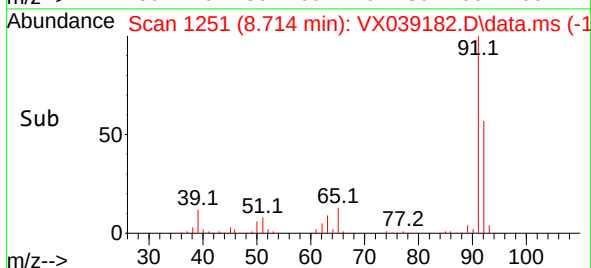
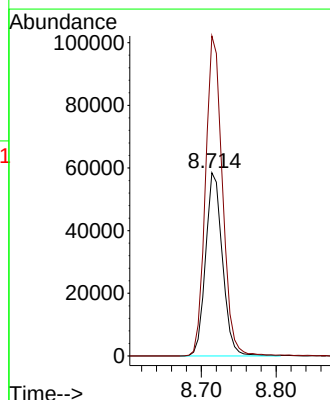
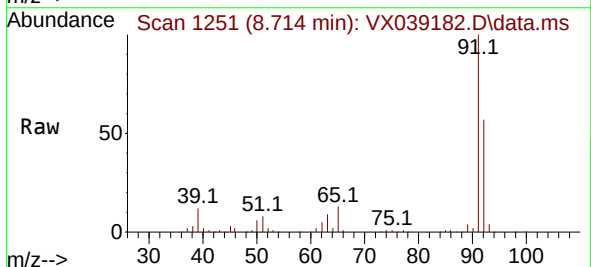
Manual Integrations
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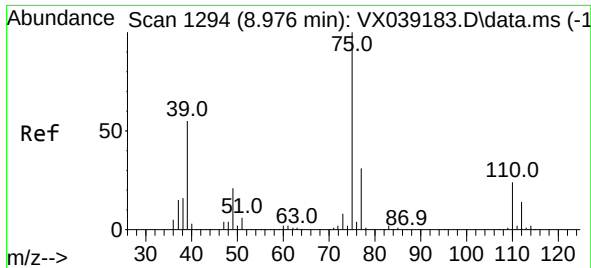
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 21.118 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 92 Resp: 91746
Ion Ratio Lower Upper
92 100
91 175.9 134.2 201.2





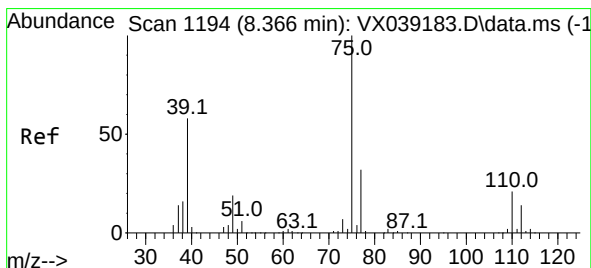
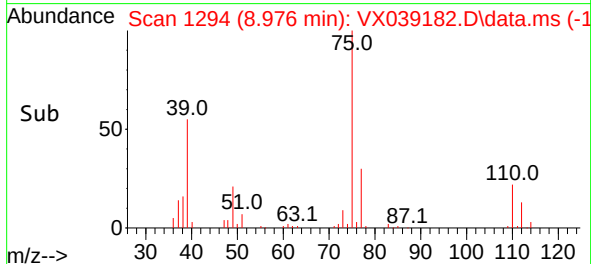
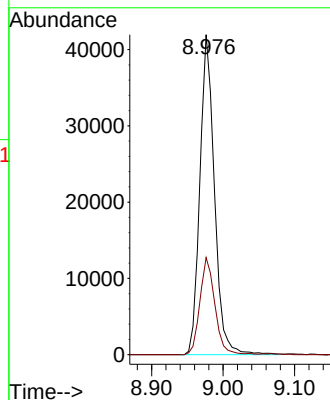
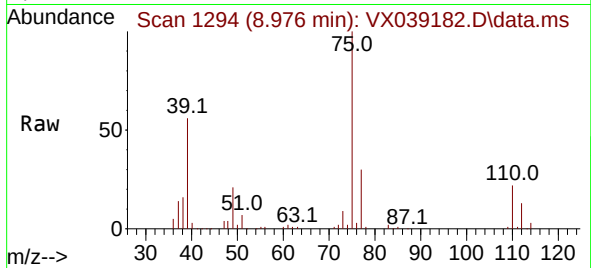
#53
t-1,3-Dichloropropene
Concen: 20.766 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 59362
Ion Ratio Lower Upper
75 100
77 30.3 25.7 38.5

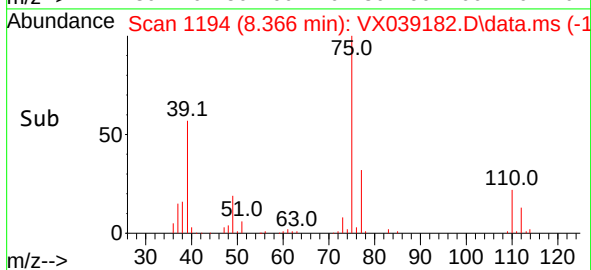
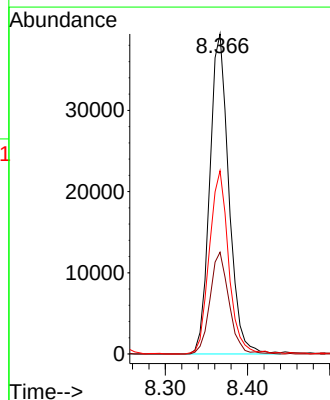
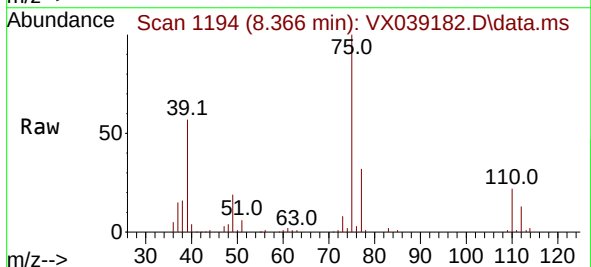
Manual Integrations
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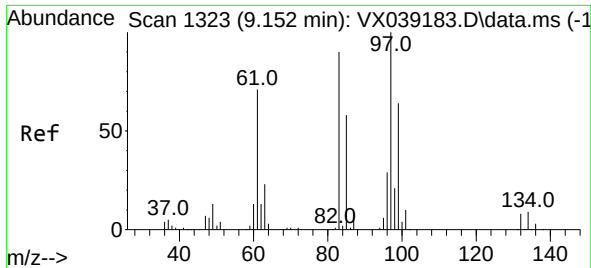
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 20.685 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

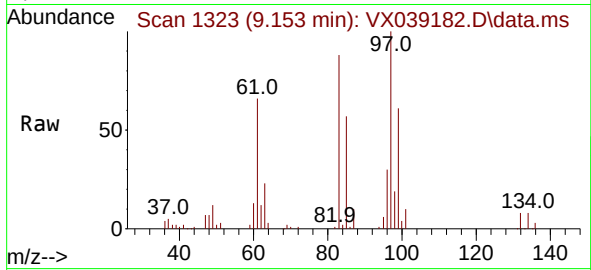
Tgt Ion: 75 Resp: 63622
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 57.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.636 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

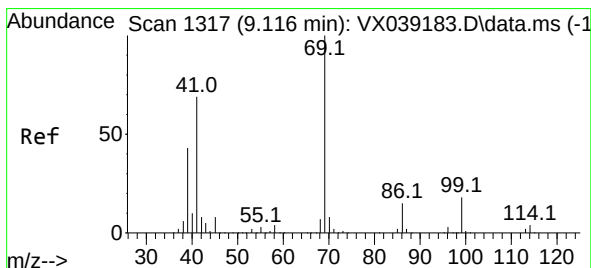
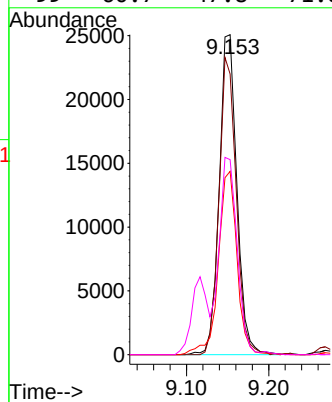
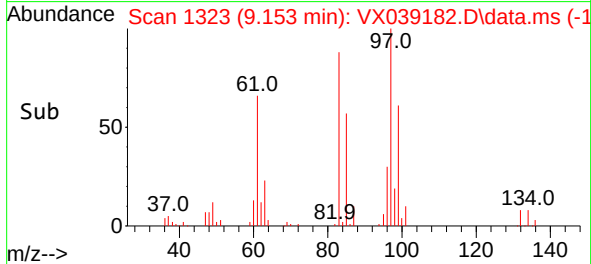
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	65.8	98.8
85	57.3	41.6	62.4
99	60.7	47.8	71.8

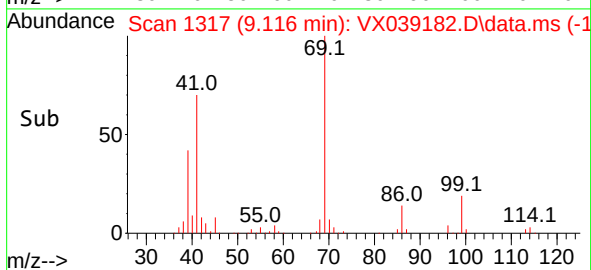
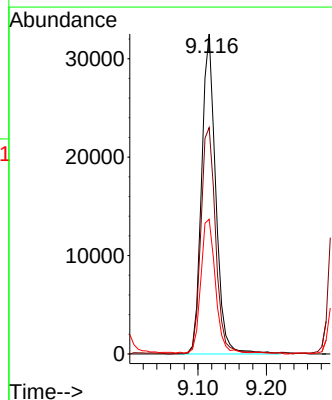
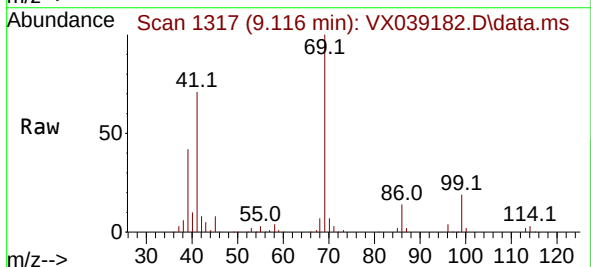
Manual Integrations
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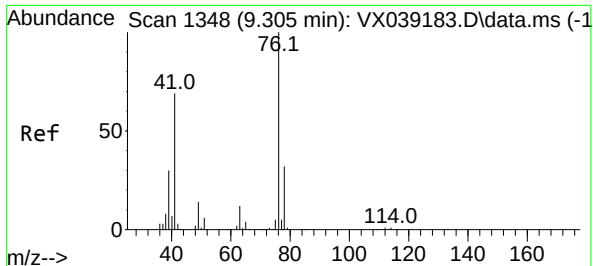
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#56
Ethyl methacrylate
Concen: 21.134 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.4	56.8	85.2
39	43.0	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.988 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 65808

Ion Ratio Lower Upper

76 100

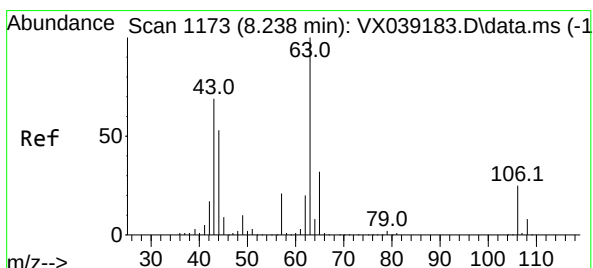
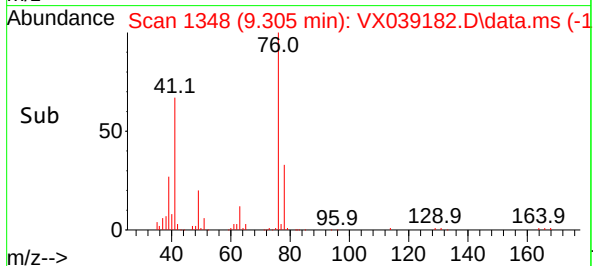
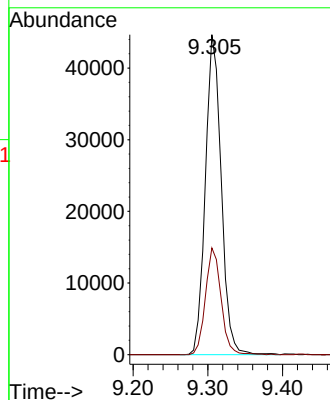
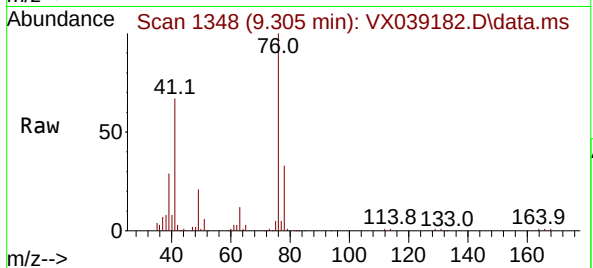
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 104.736 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039182.D

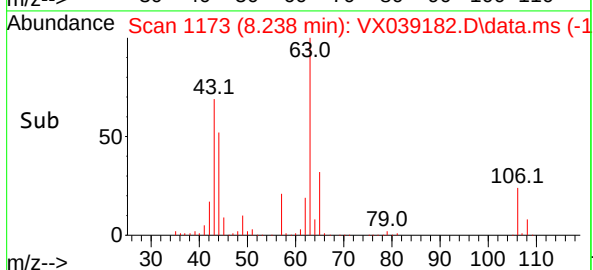
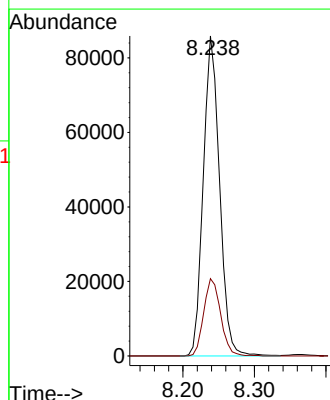
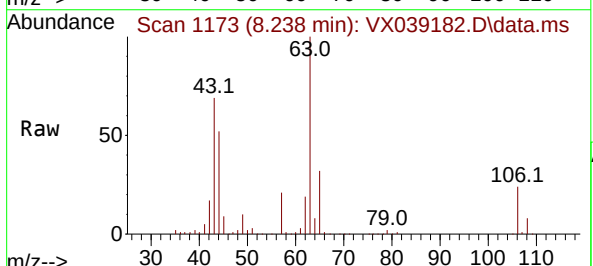
Acq: 13 Dec 2023 10:57

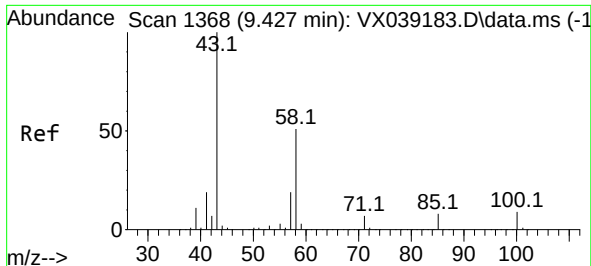
Tgt Ion: 63 Resp: 136170

Ion Ratio Lower Upper

63 100

106 25.0 22.5 33.7





#59

2-Hexanone

Concen: 114.501 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 32187

Ion Ratio Lower Upper

43 100

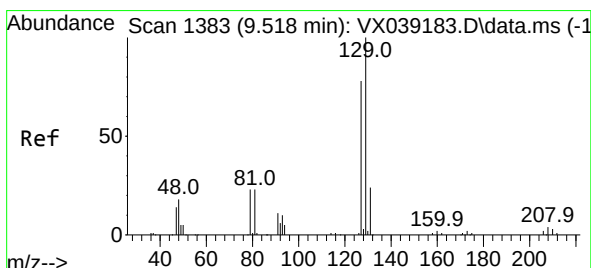
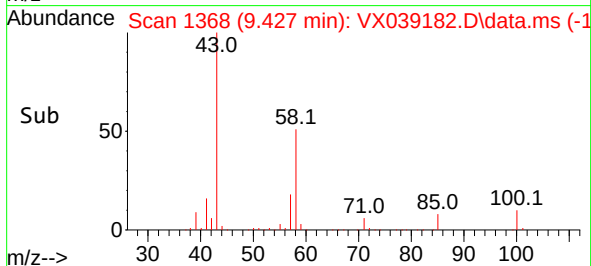
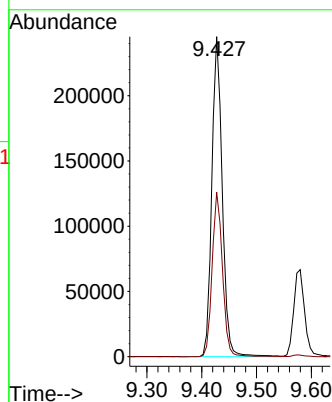
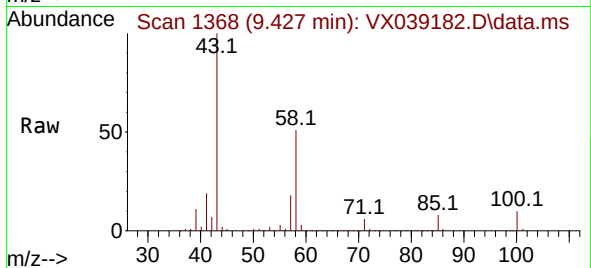
58 51.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#60

Dibromochloromethane

Concen: 20.749 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039182.D

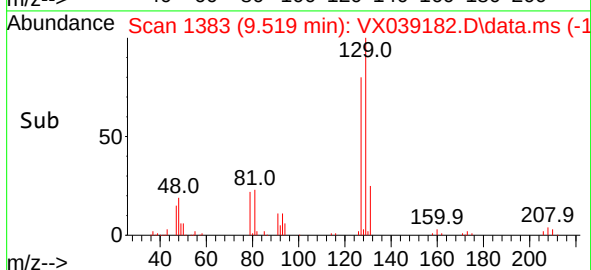
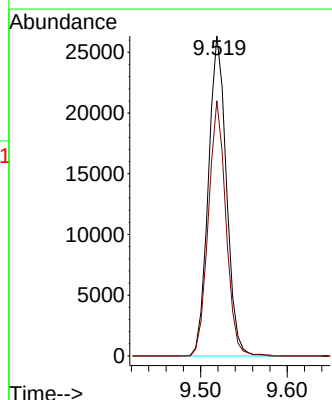
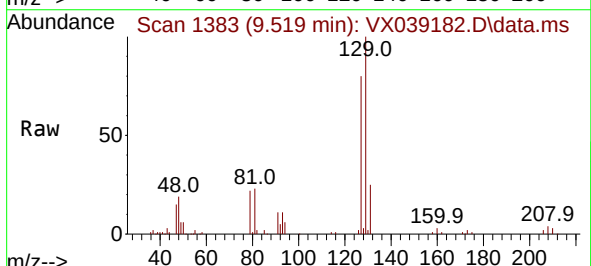
Acq: 13 Dec 2023 10:57

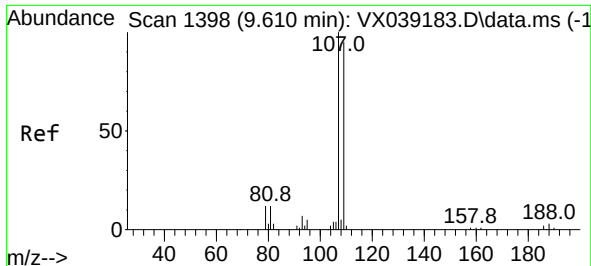
Tgt Ion:129 Resp: 38059

Ion Ratio Lower Upper

129 100

127 77.5 38.8 116.4





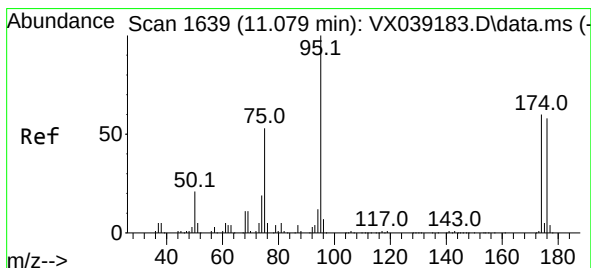
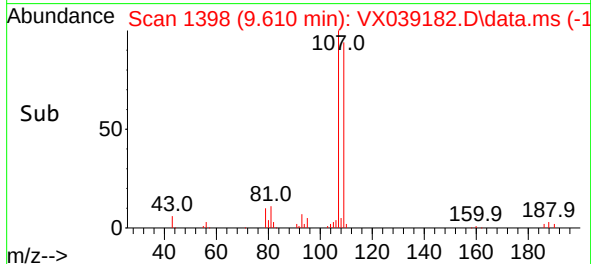
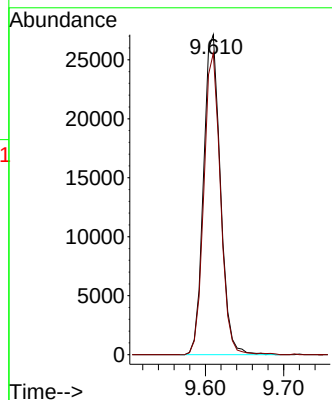
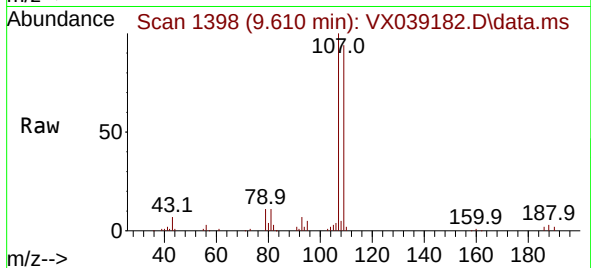
#61
1,2-Dibromoethane
Concen: 20.976 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 40614
Ion Ratio Lower Upper
107 100
109 92.3 75.2 112.8

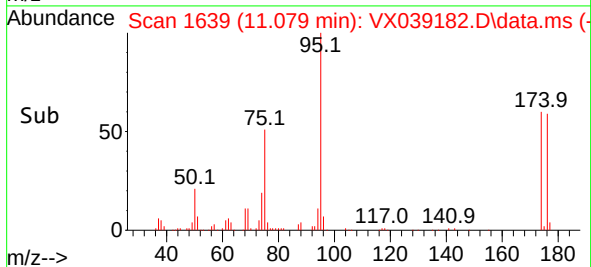
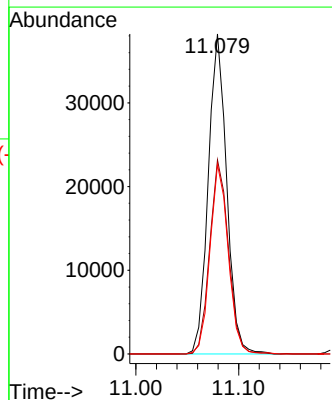
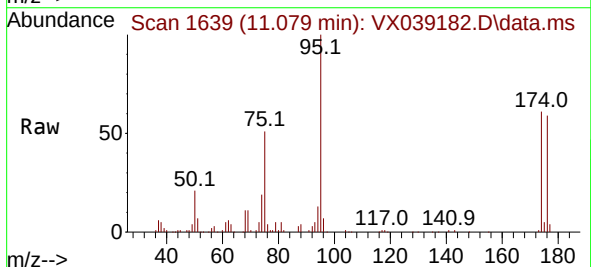
Manual Integrations
APPROVED

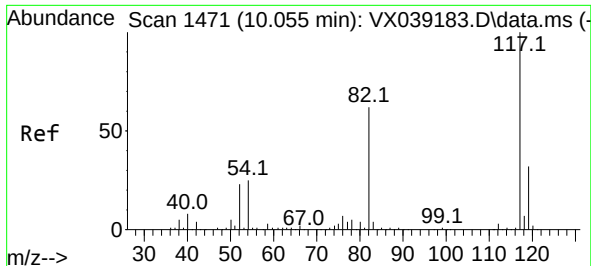
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#62
4-Bromofluorobenzene
Concen: 19.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

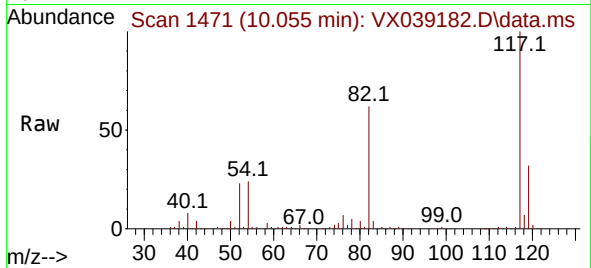
Tgt Ion: 95 Resp: 47615
Ion Ratio Lower Upper
95 100
174 61.6 0.0 135.6
176 58.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

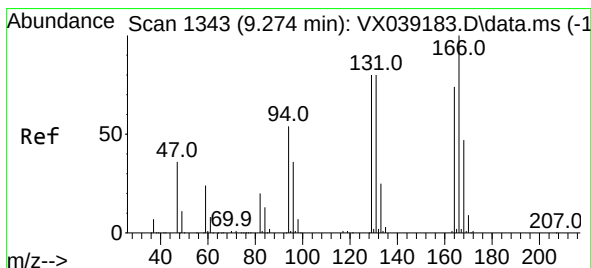
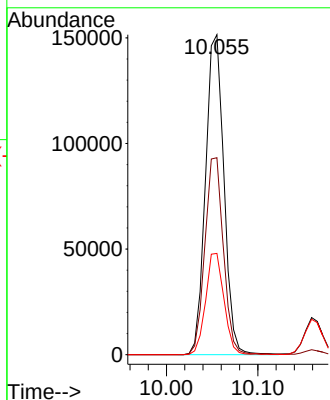
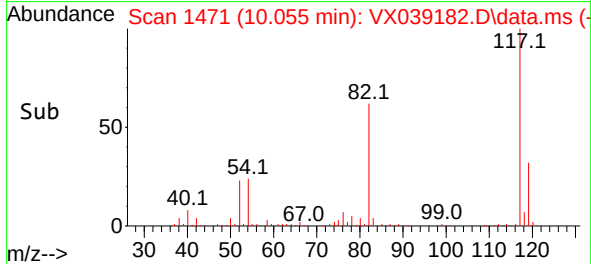
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 21168
Ion Ratio Lower Upper
117 100
82 61.5 46.2 69.4
119 31.7 25.5 38.3

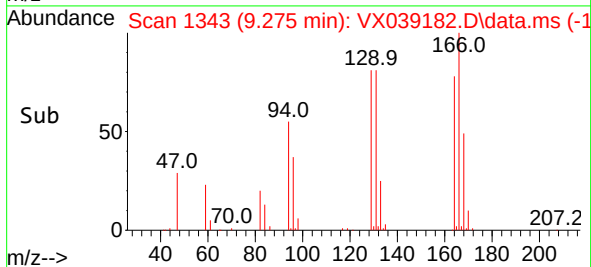
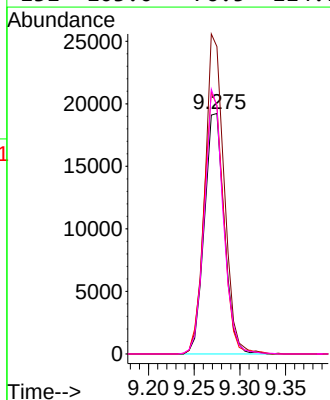
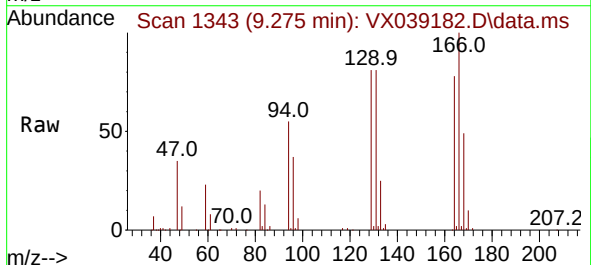
Manual Integrations
APPROVED

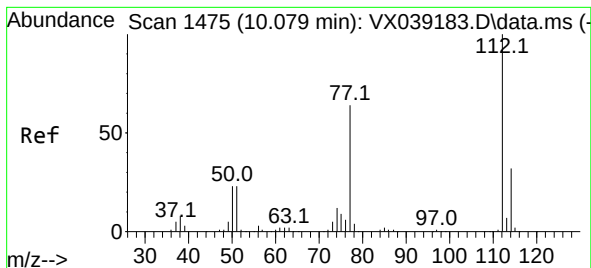
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 20.993 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:164 Resp: 29040
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 103.4 80.4 120.6
131 103.0 76.5 114.7





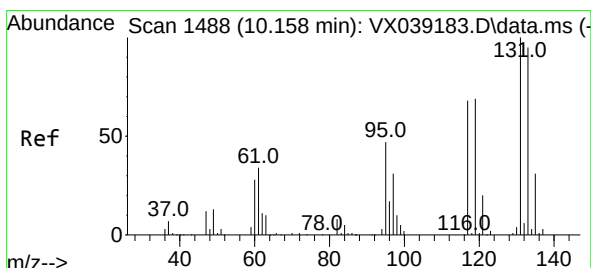
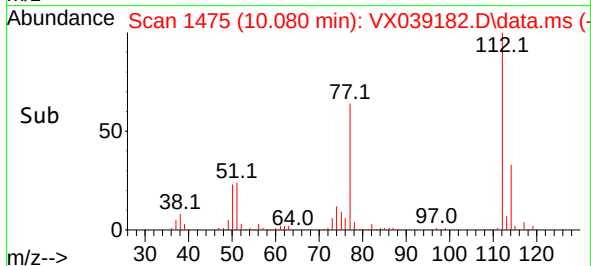
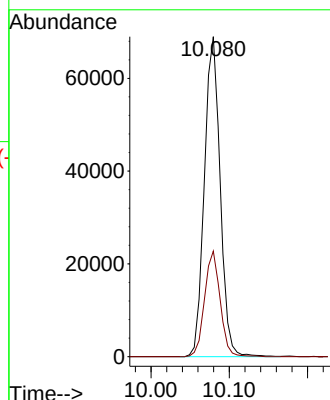
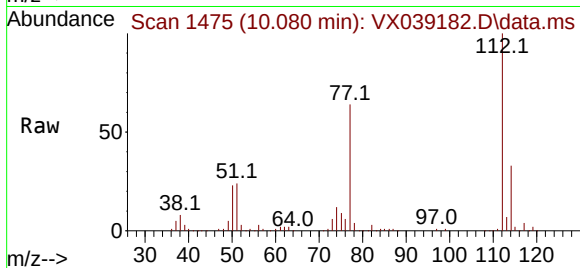
#65
Chlorobenzene
Concen: 20.899 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 96562
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

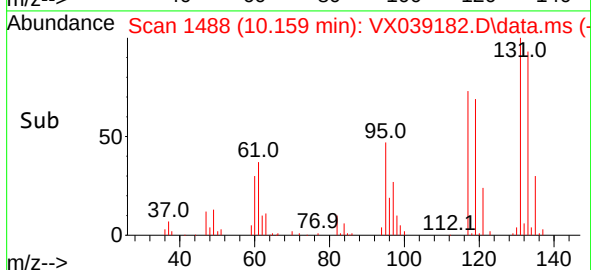
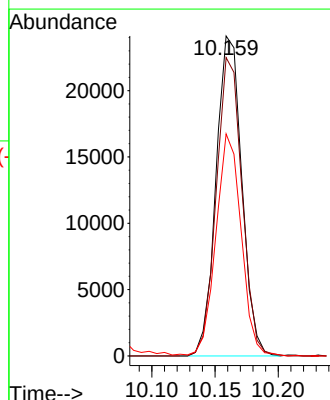
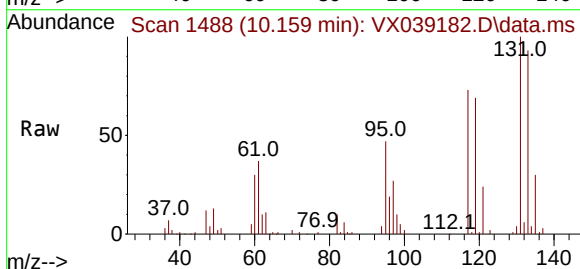
Manual Integrations
APPROVED

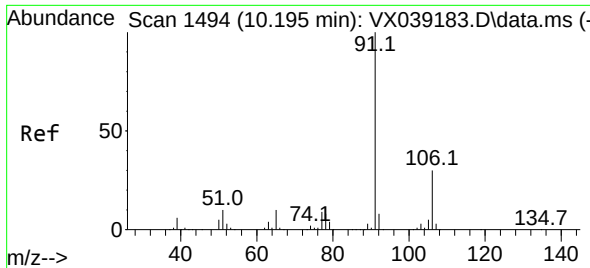
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.903 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

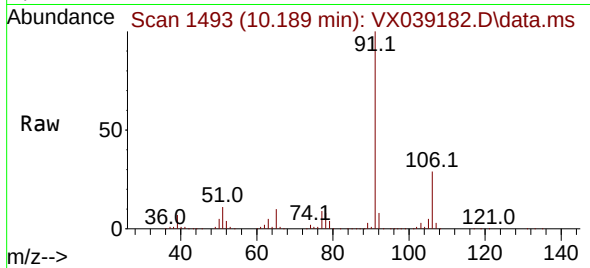
Tgt Ion:131 Resp: 34116
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.4
119 68.1 32.2 96.6





#67
Ethyl Benzene
Concen: 21.361 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

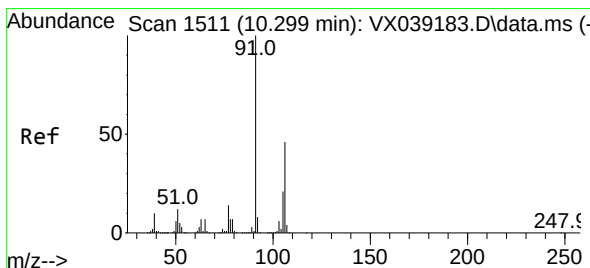
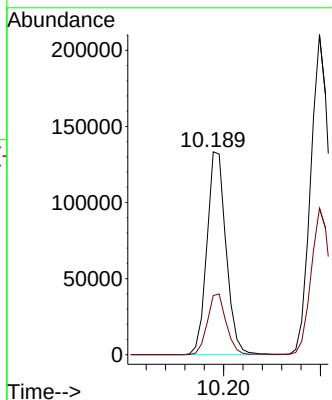
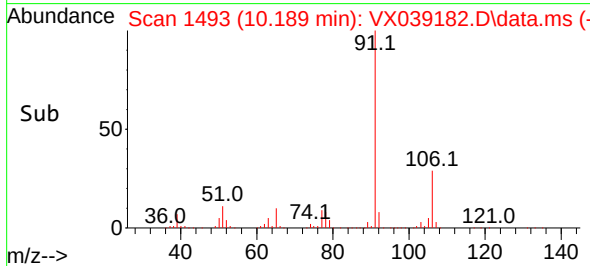
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



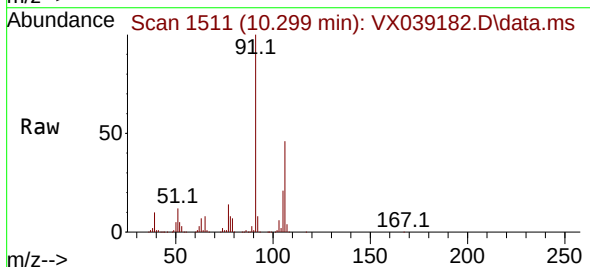
Tgt Ion: 91 Resp: 183718
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

Manual Integrations
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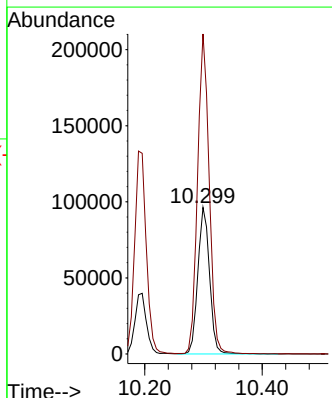
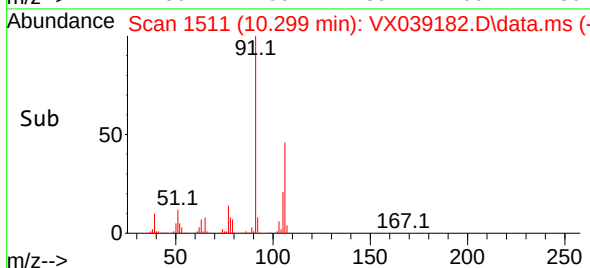
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

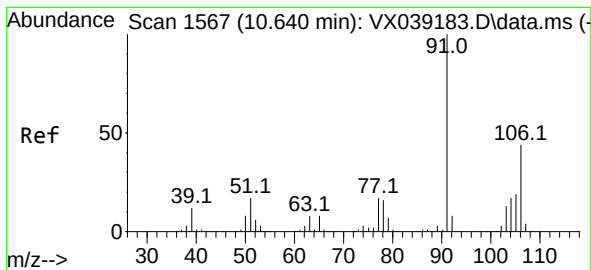


#68
m/p-Xylenes
Concen: 43.096 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57



Tgt Ion:106 Resp: 132898
Ion Ratio Lower Upper
106 100
91 216.9 165.5 248.3





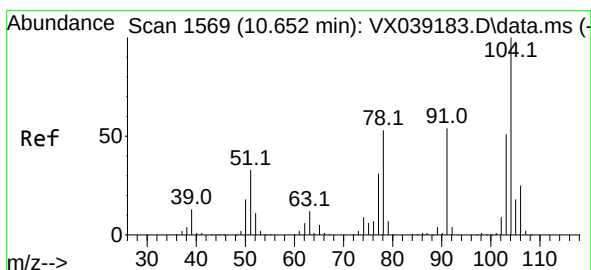
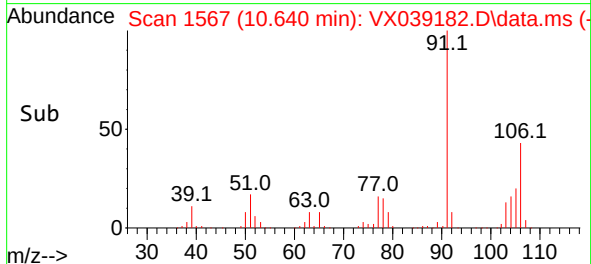
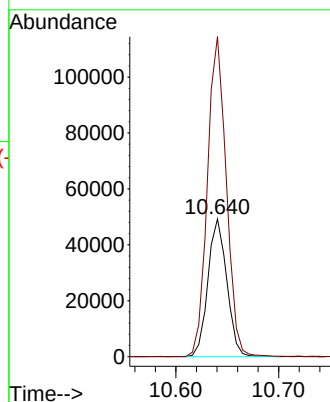
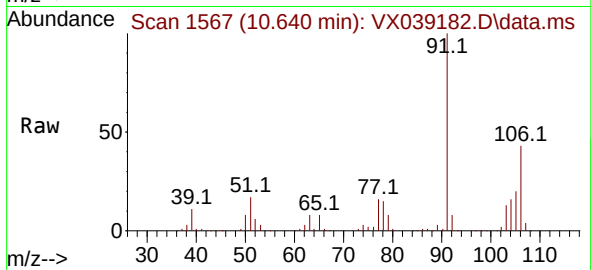
#69
o-Xylene
Concen: 21.089 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 62880
Ion Ratio Lower Upper
106 100
91 232.9 108.9 326.8

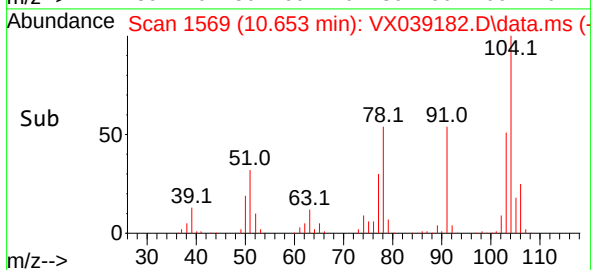
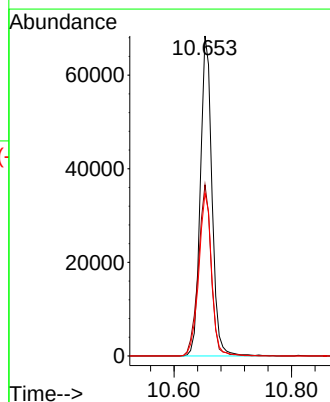
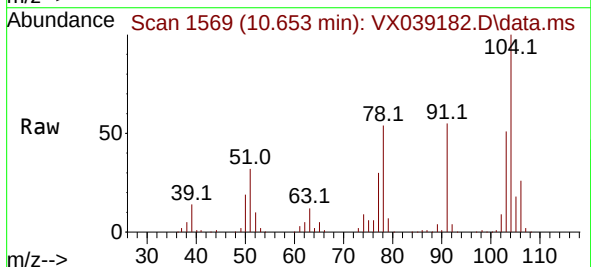
Manual Integrations
APPROVED

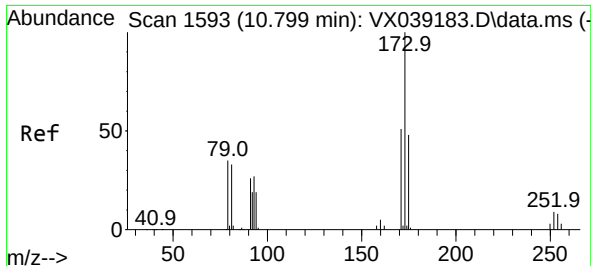
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 21.597 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

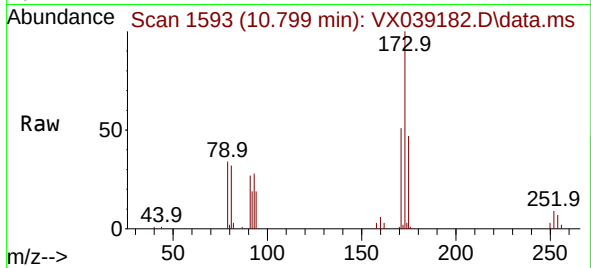
Tgt Ion:104 Resp: 94137
Ion Ratio Lower Upper
104 100
78 59.0 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 20.594 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

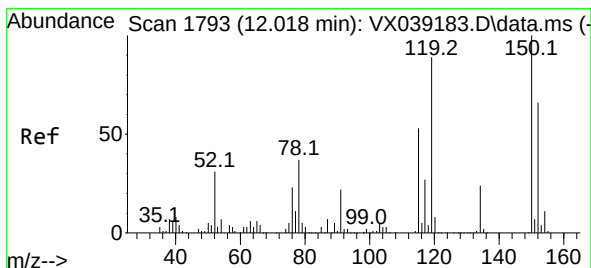
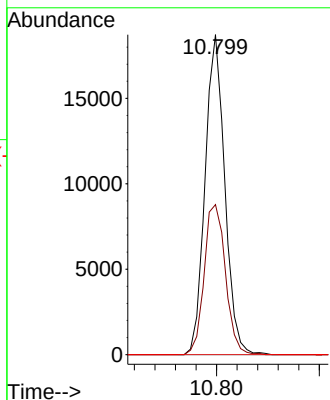
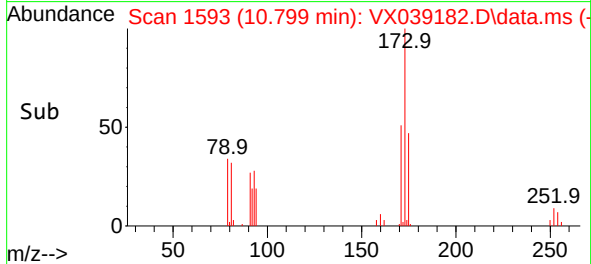
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 2498
Ion Ratio Lower Upper
173 100
175 50.7 24.1 72.4
254 0.0 0.0 0.0

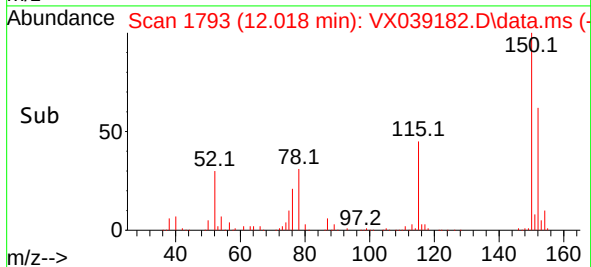
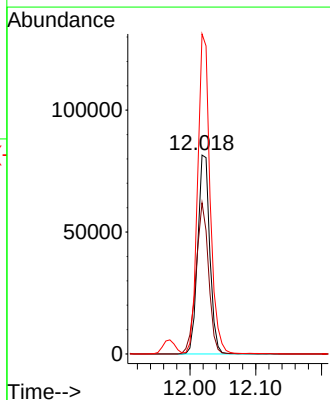
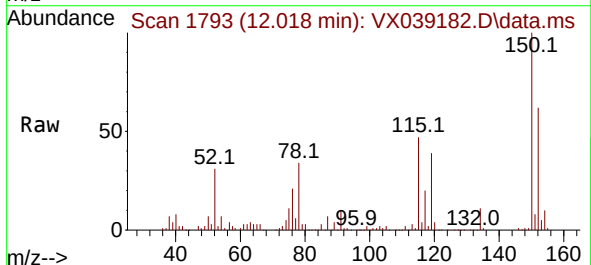
Manual Integrations
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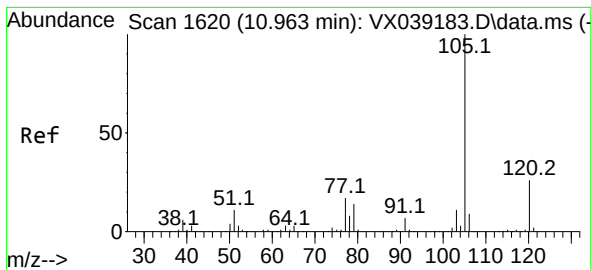
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:152 Resp: 103897
Ion Ratio Lower Upper
152 100
115 79.2 43.3 129.9
150 166.5 0.0 345.0





#73

Isopropylbenzene

Concen: 21.481 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 17219

Ion Ratio Lower Upper

105 100

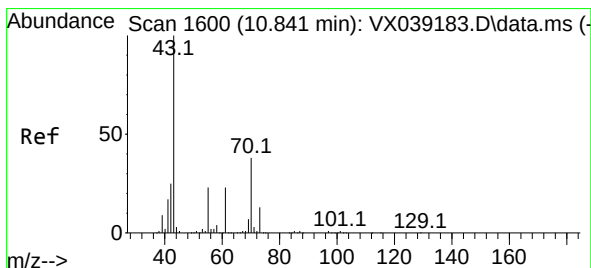
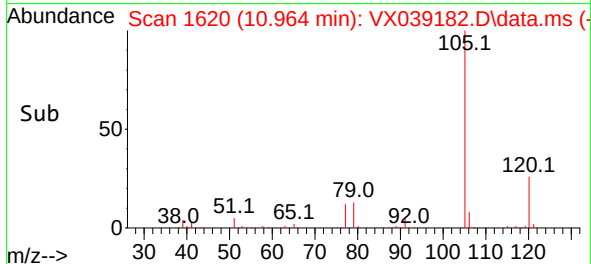
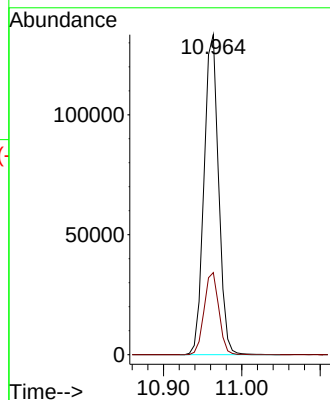
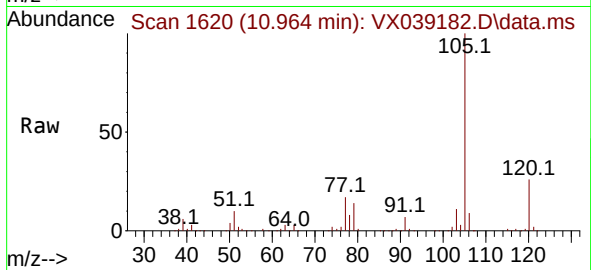
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#74

N-ethyl acetate

Concen: 21.564 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Tgt Ion: 43 Resp: 87458

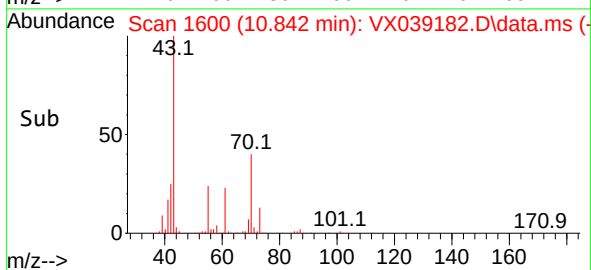
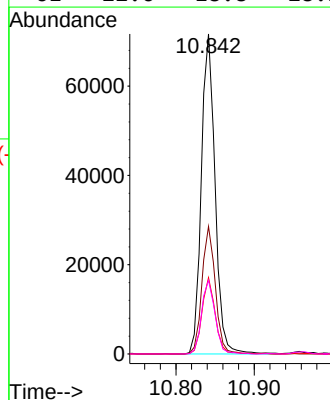
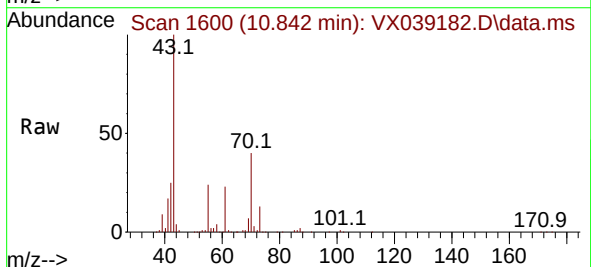
Ion Ratio Lower Upper

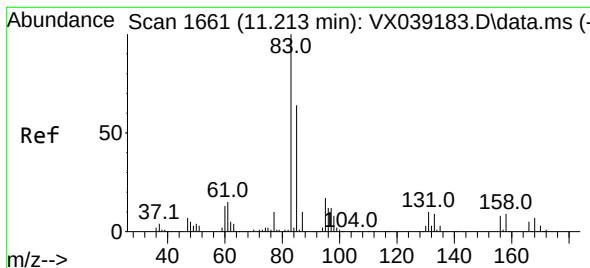
43 100

70 38.7 32.9 49.3

55 22.9 19.3 28.9

61 22.6 18.8 28.2





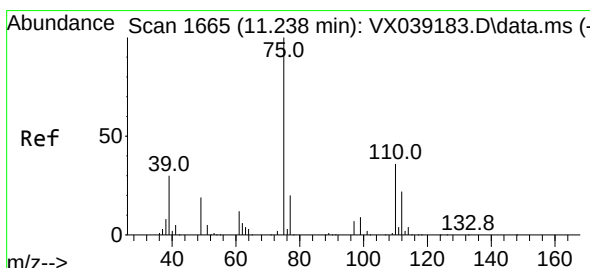
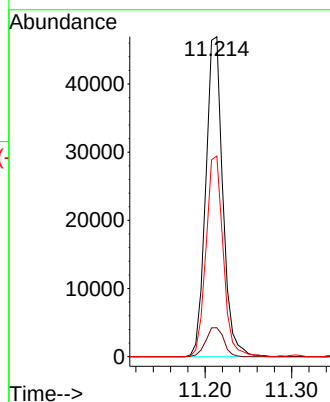
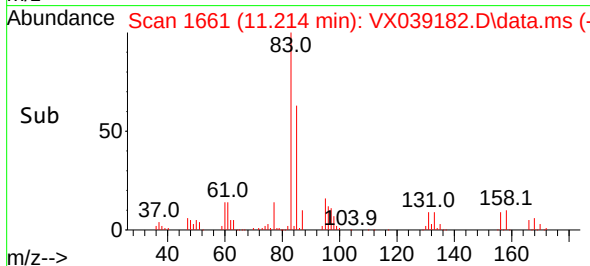
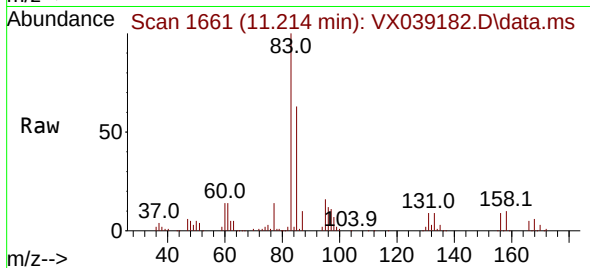
#75
1,1,2,2-Tetrachloroethane
Concen: 21.526 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 64190
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 63.1 32.0 96.2

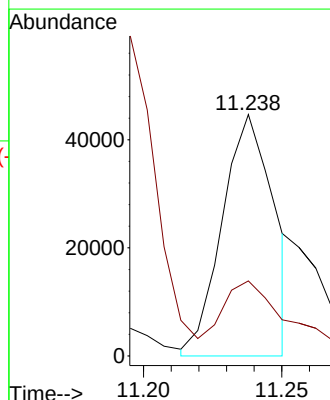
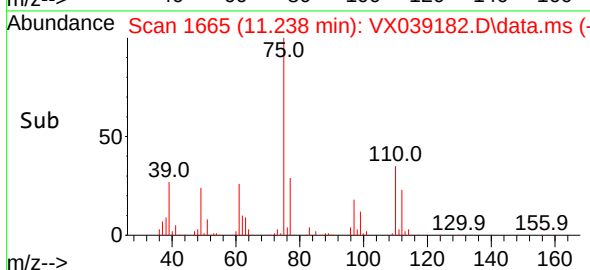
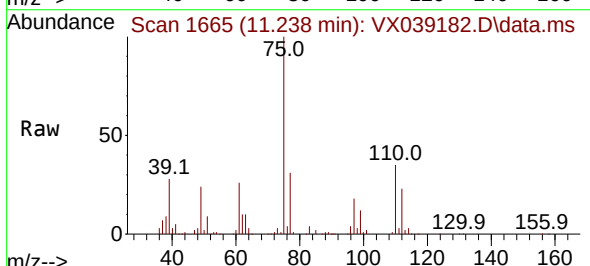
Manual Integrations
APPROVED

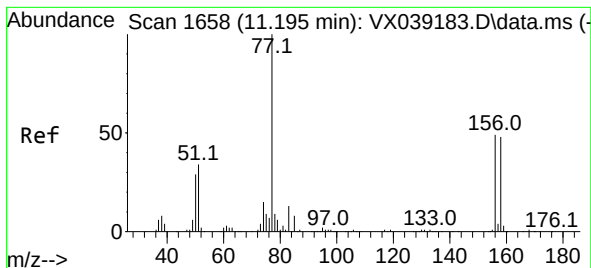
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#76
1,2,3-Trichloropropane
Concen: 21.610 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 75 Resp: 58087
Ion Ratio Lower Upper
75 100
77 40.7 19.1 57.5





#77

Bromobenzene

Concen: 21.154 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

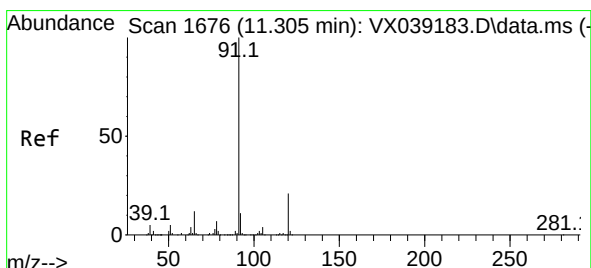
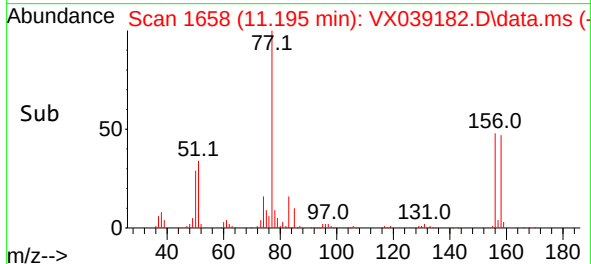
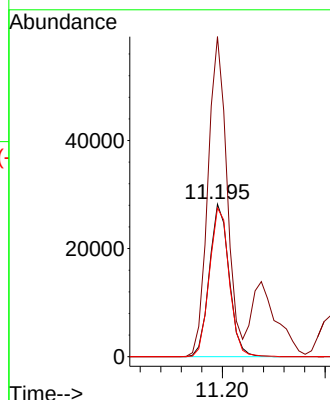
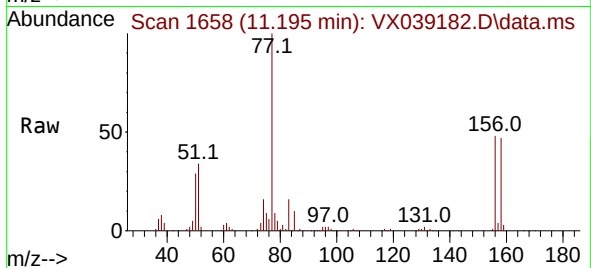
Tgt Ion:	156	Resp:	37498
Ion Ratio	Lower	Upper	
156	100		
77	203.2	88.4	265.3
158	98.0	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 21.435 ug/l

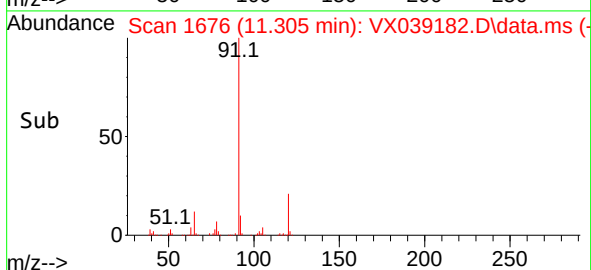
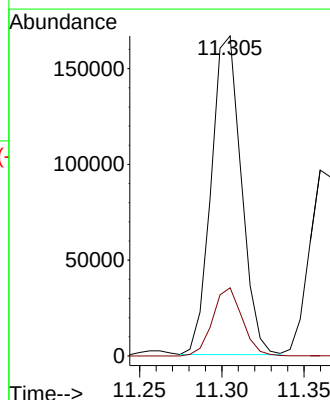
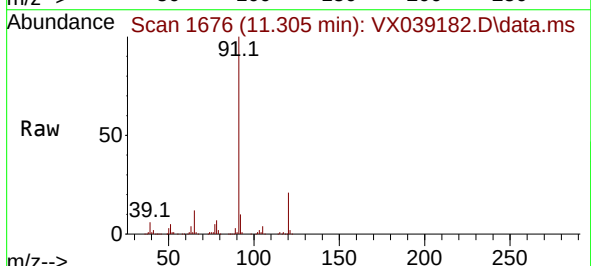
RT: 11.305 min Scan# 1676

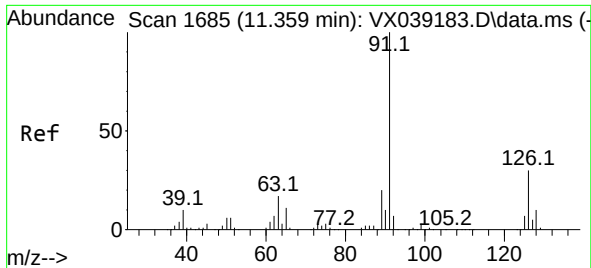
Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Tgt Ion:	91	Resp:	211707
Ion Ratio	Lower	Upper	
91	100		
120	21.2	11.5	34.4





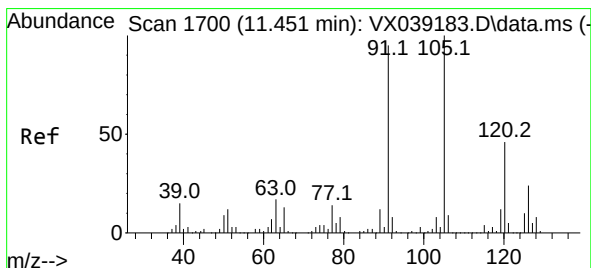
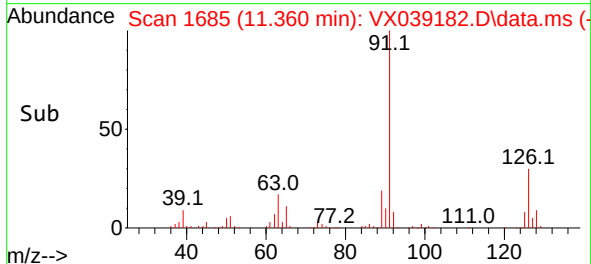
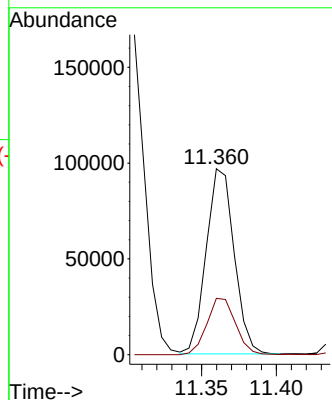
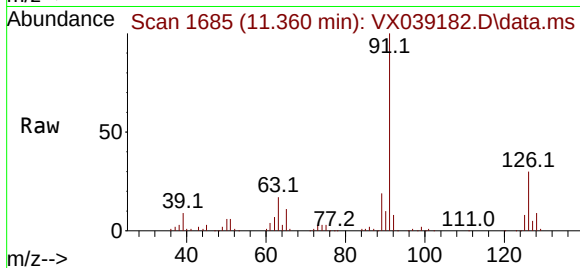
#79
2-Chlorotoluene
Concen: 21.069 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 12586
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

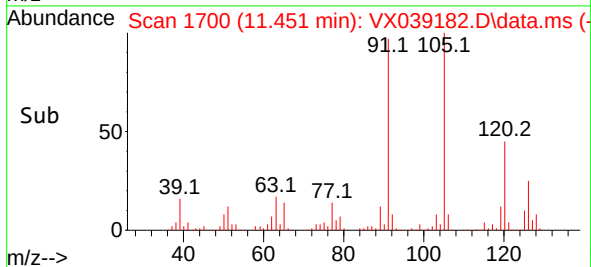
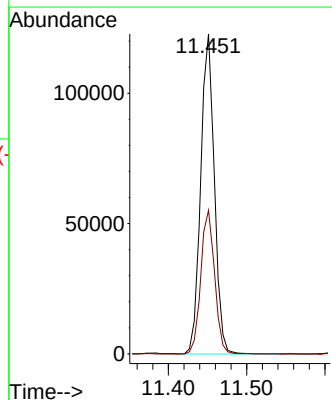
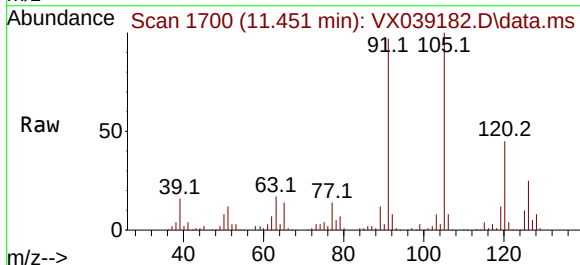
Manual Integrations
APPROVED

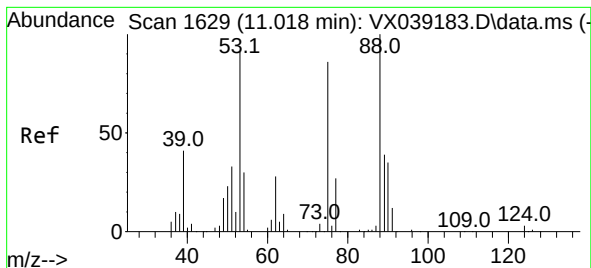
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.816 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion:105 Resp: 148975
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3





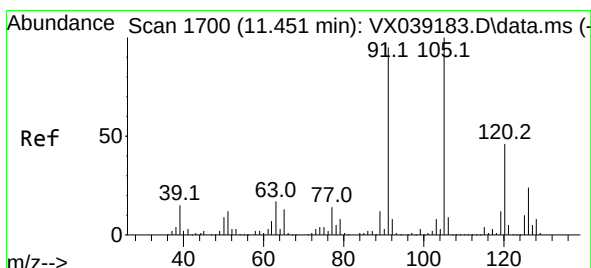
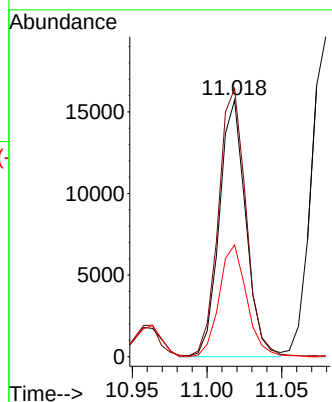
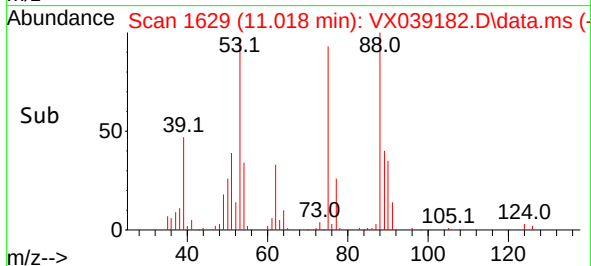
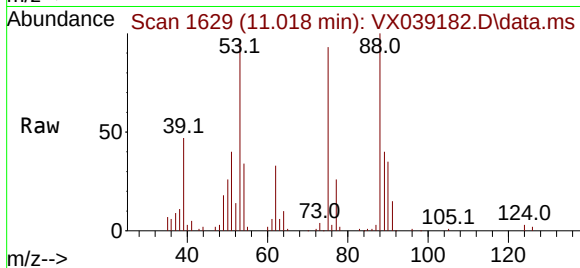
#81
trans-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 19390
Ion Ratio Lower Upper
75 100
53 107.6 90.5 135.7
89 45.2 36.9 55.3

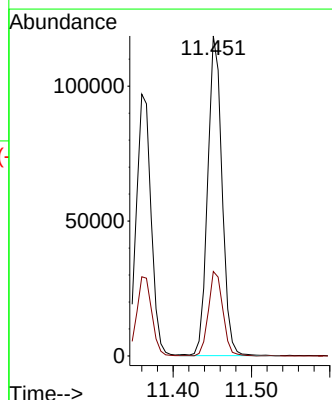
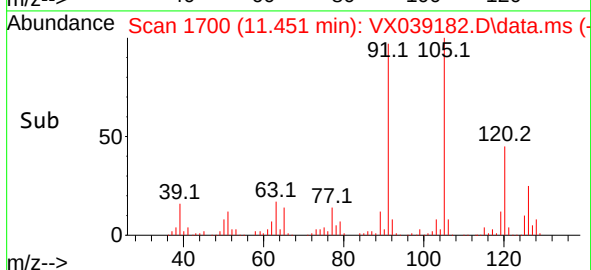
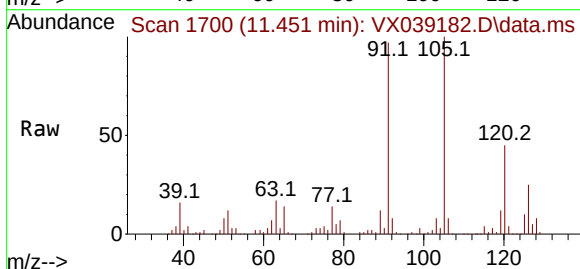
Manual Integrations
APPROVED

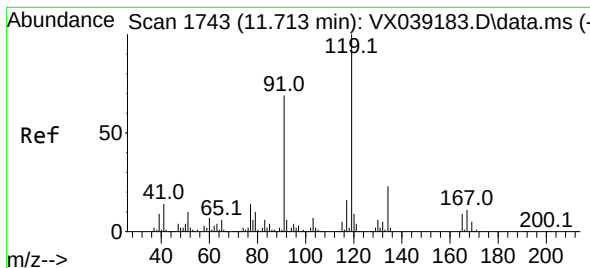
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 21.395 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

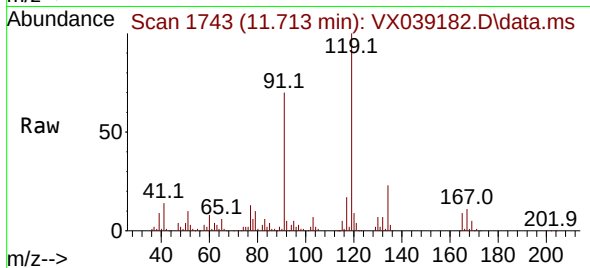
Tgt Ion: 91 Resp: 150125
Ion Ratio Lower Upper
91 100
126 26.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.305 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

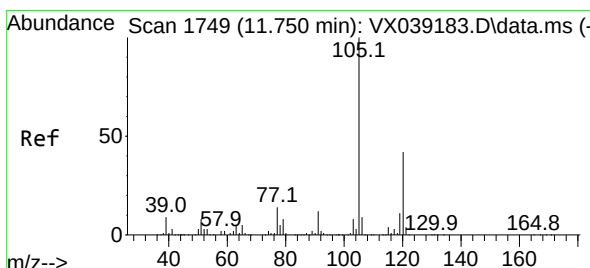
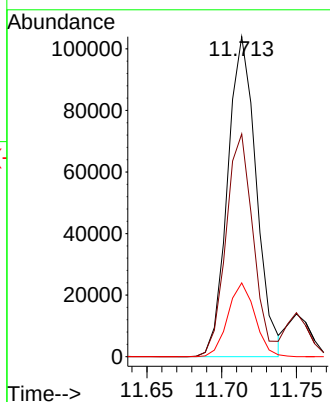
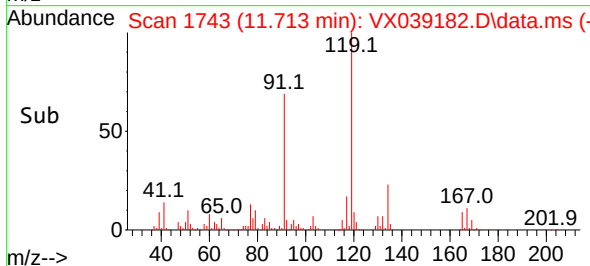
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



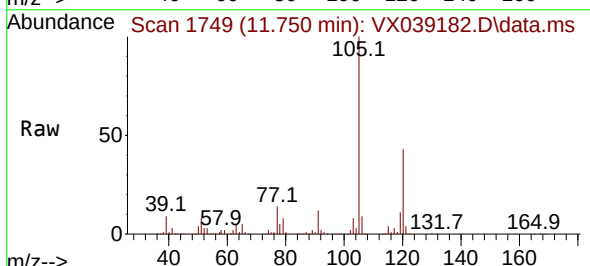
Tgt Ion:119 Resp: 138460
Ion Ratio Lower Upper
119 100
91 66.8 31.2 93.6
134 21.8 11.7 35.0

Manual Integrations
APPROVED

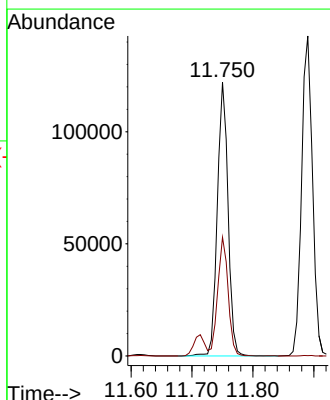
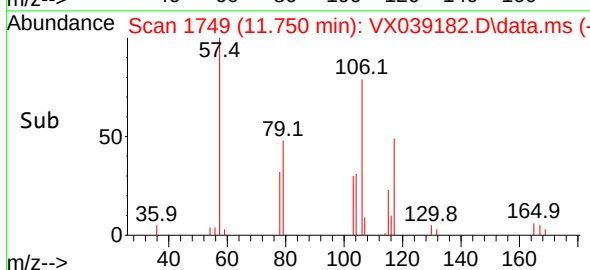
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

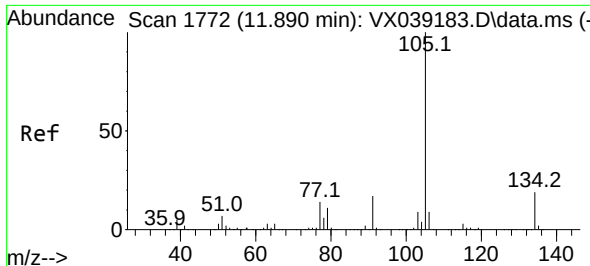


#84
1,2,4-Trimethylbenzene
Concen: 21.303 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57



Tgt Ion:105 Resp: 149182
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.445 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039182.D
 Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

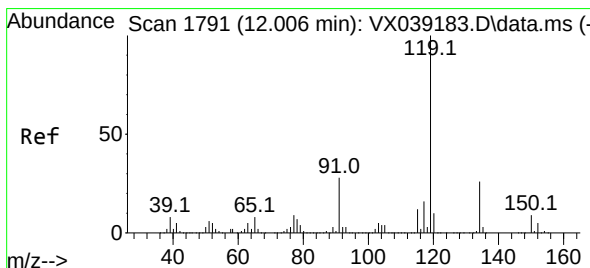
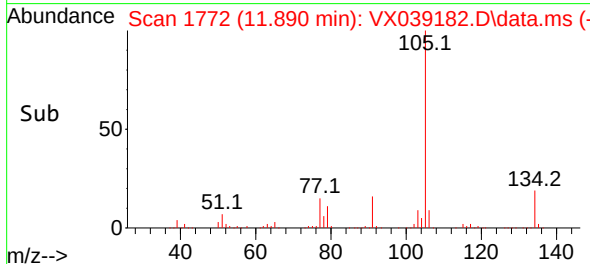
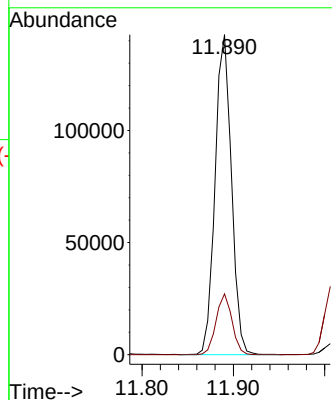
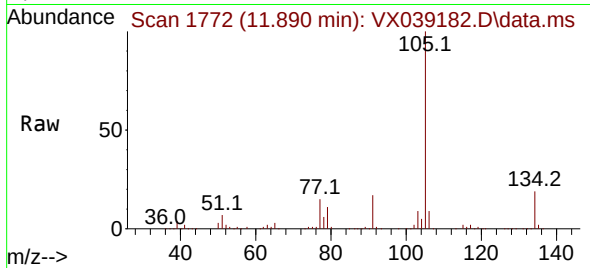
VSTDIC020

Tgt Ion:105 Resp: 17734
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations

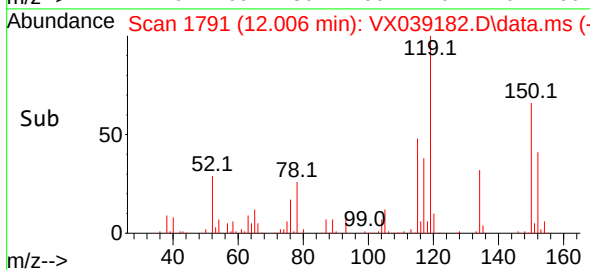
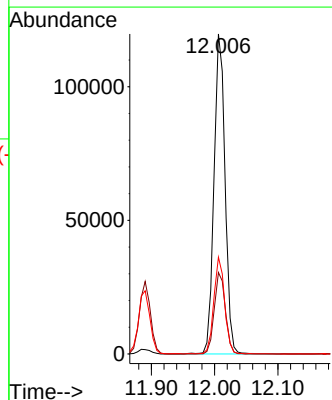
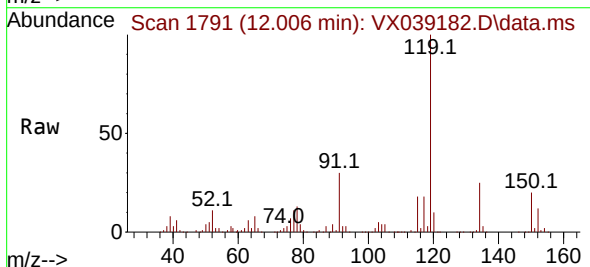
APPROVED

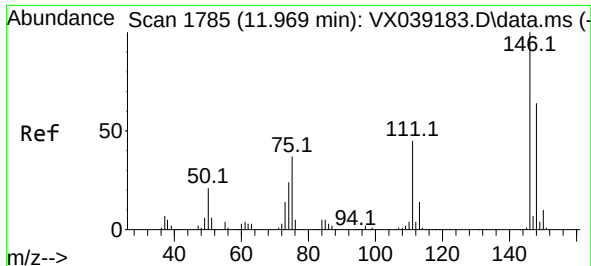
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#86
 p-Isopropyltoluene
 Concen: 20.989 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039182.D
 Acq: 13 Dec 2023 10:57

Tgt Ion:119 Resp: 145674
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 29.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.817 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 72494

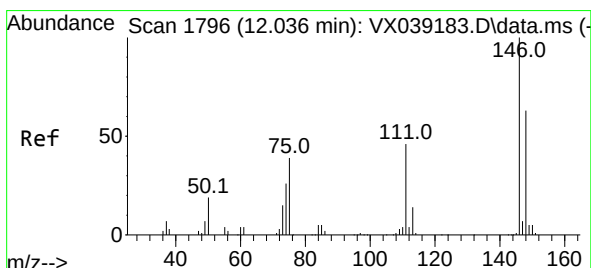
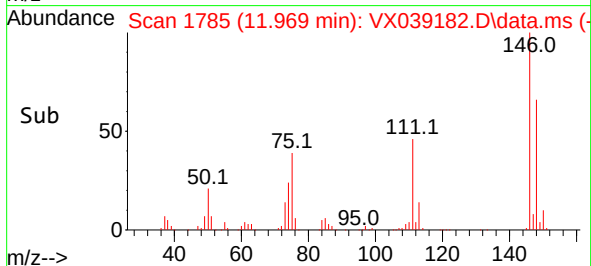
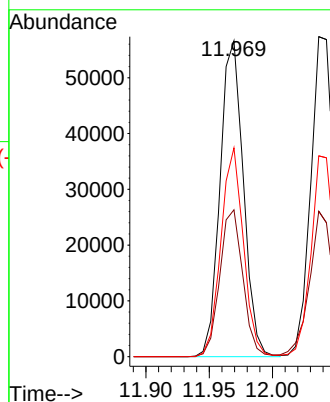
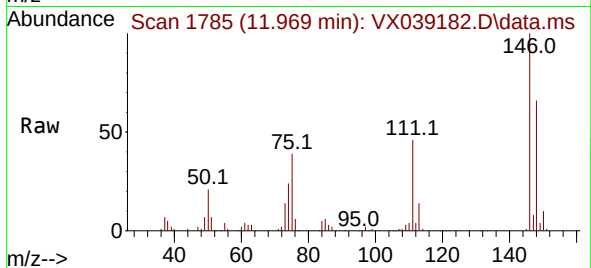
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.1	66.1
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 20.831 ug/l

RT: 12.037 min Scan# 1796

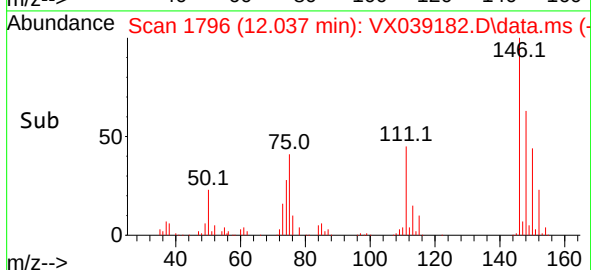
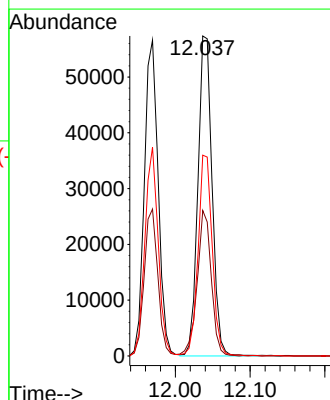
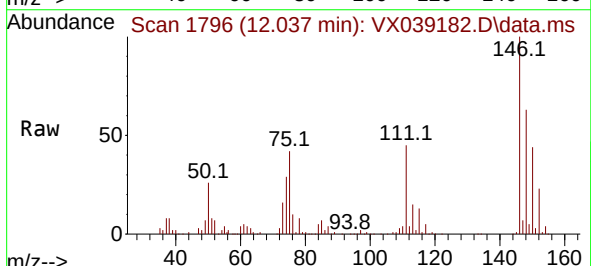
Delta R.T. 0.000 min

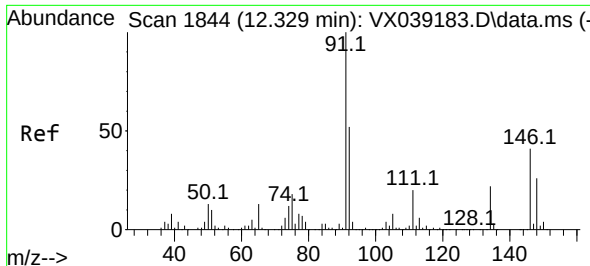
Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Tgt Ion:146 Resp: 75534

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.3	63.7
148	62.6	31.8	95.4





#89

n-Butylbenzene

Concen: 21.103 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039182.D

Acq: 13 Dec 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 143979

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.0

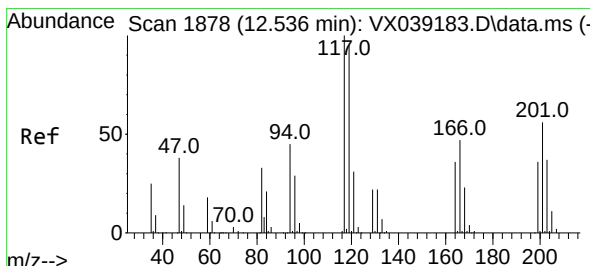
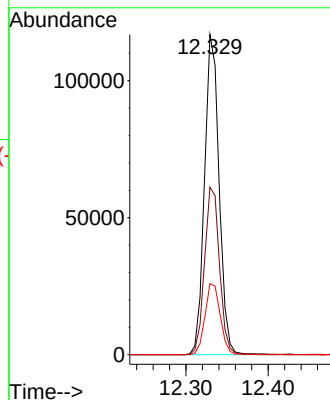
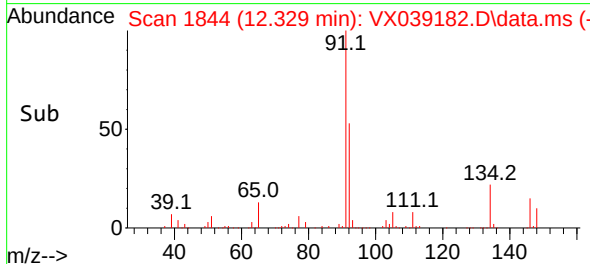
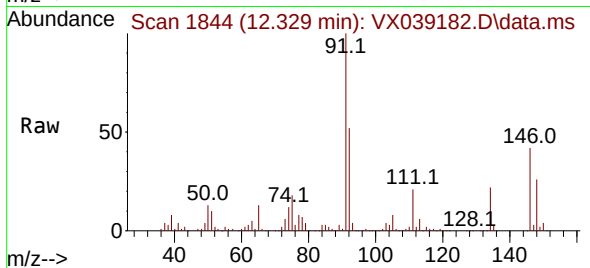
134 23.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 20.331 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039182.D

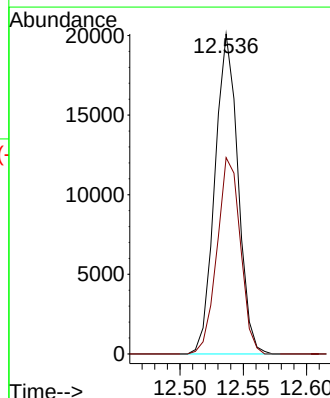
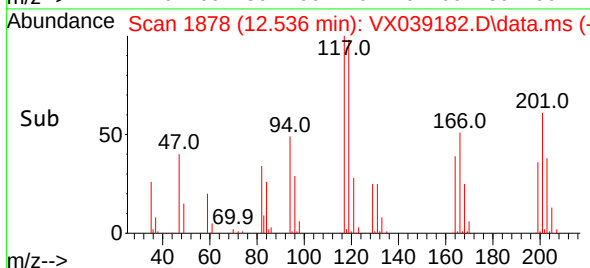
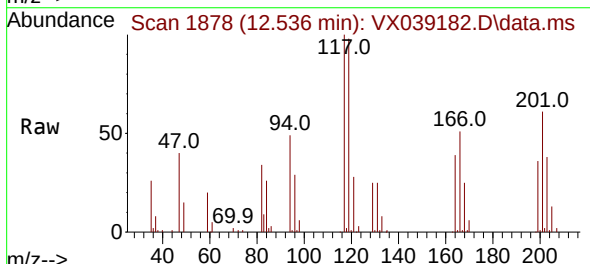
Acq: 13 Dec 2023 10:57

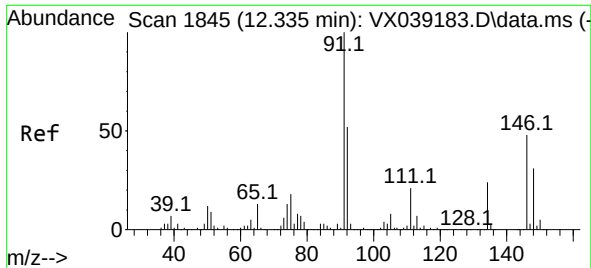
Tgt Ion:117 Resp: 25489

Ion Ratio Lower Upper

117 100

201 62.0 32.9 98.6





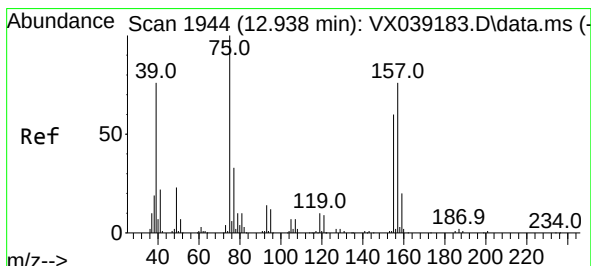
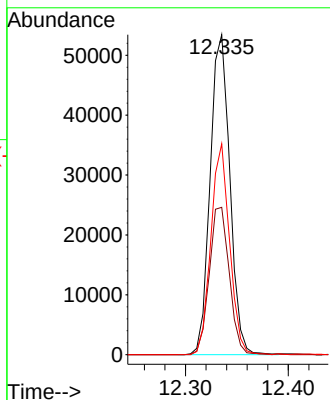
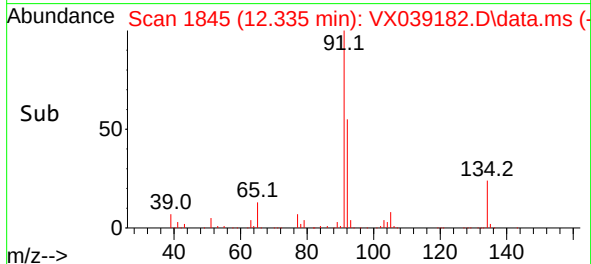
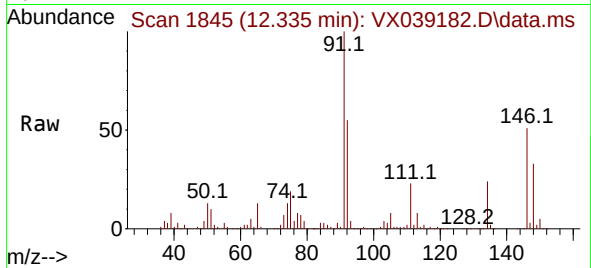
#91
1,2-Dichlorobenzene
Concen: 21.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 7089
Ion Ratio Lower Upper
146 100
111 47.1 22.4 67.0
148 62.6 31.6 95.0

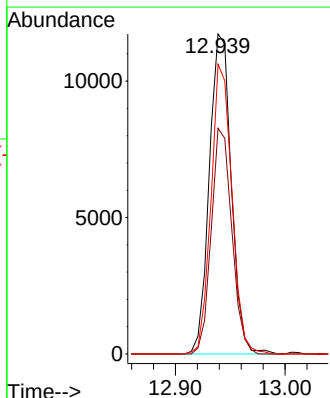
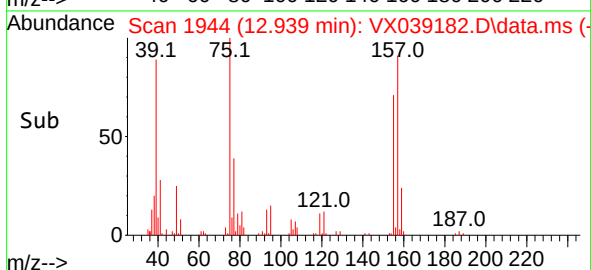
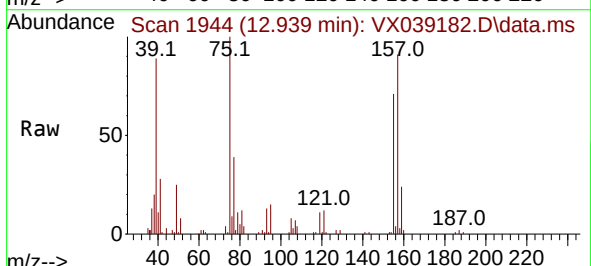
Manual Integrations
APPROVED

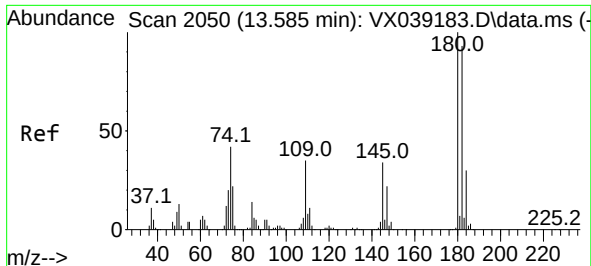
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.745 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Tgt Ion: 75 Resp: 16294
Ion Ratio Lower Upper
75 100
155 66.2 36.1 108.5
157 86.3 44.9 134.7





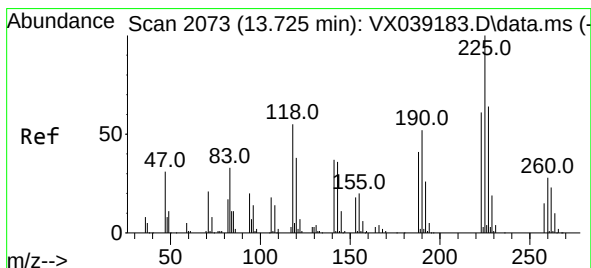
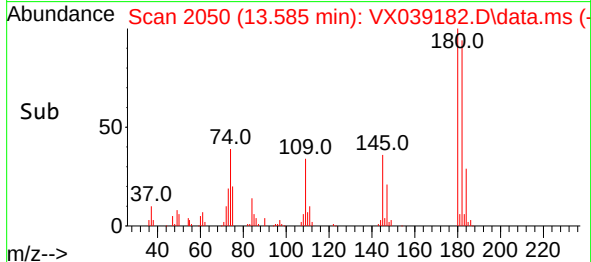
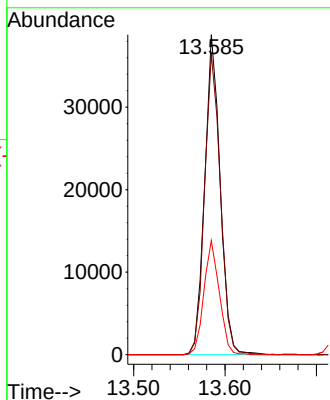
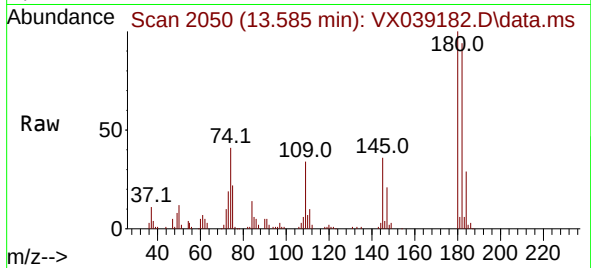
#93
1,2,4-Trichlorobenzene
Concen: 20.882 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 4556
Ion Ratio Lower Upper
180 100
182 96.1 48.3 144.8
145 35.4 18.0 54.0

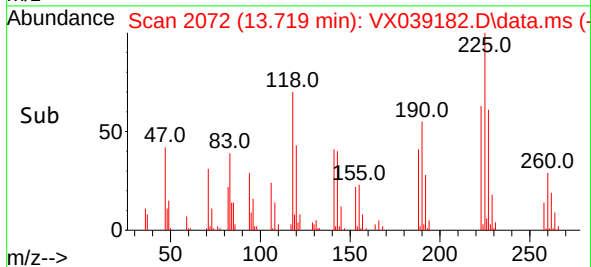
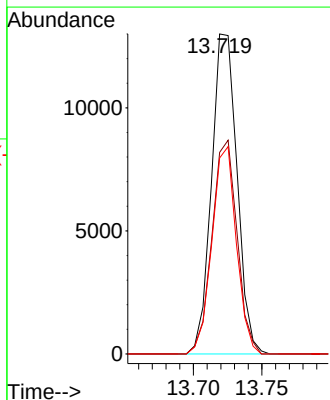
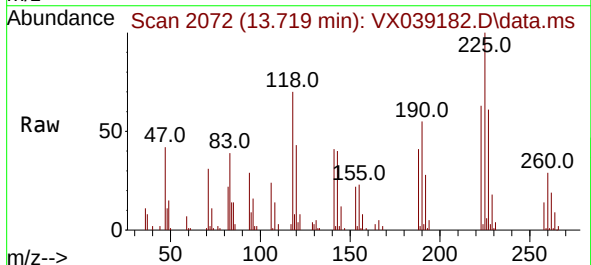
Manual Integrations
APPROVED

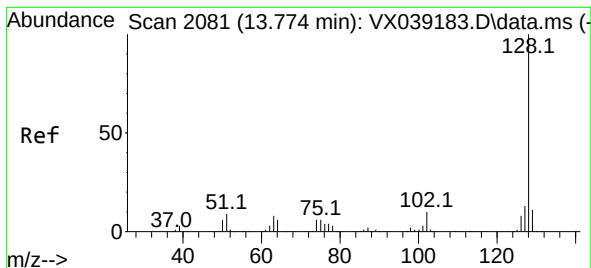
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#94
Hexachlorobutadiene
Concen: 20.462 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

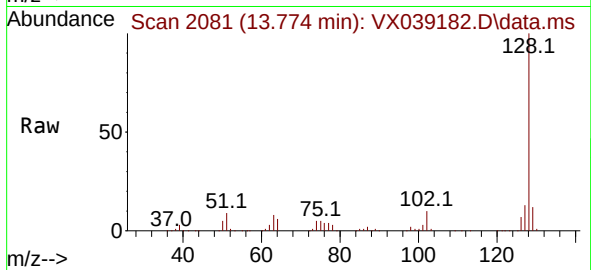
Tgt Ion:225 Resp: 16825
Ion Ratio Lower Upper
225 100
223 65.8 31.1 93.2
227 62.1 32.5 97.5





#95
Naphthalene
Concen: 21.247 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57

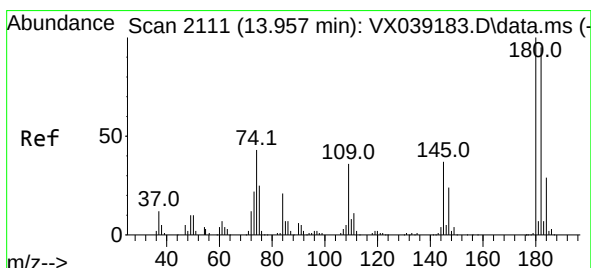
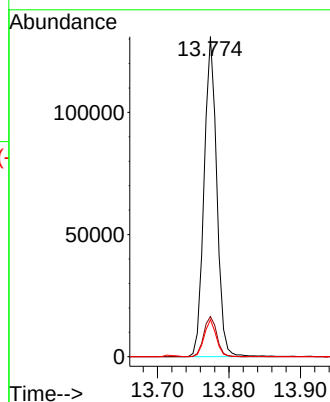
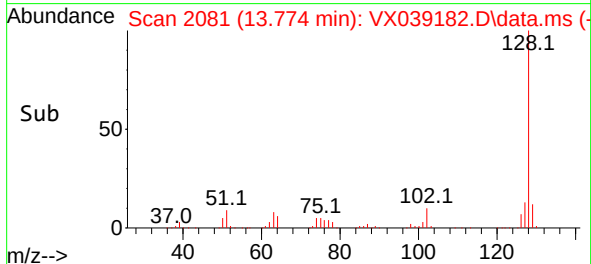
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



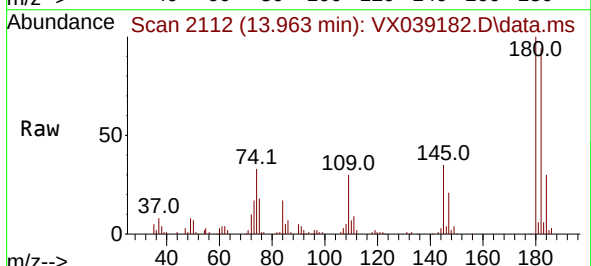
Tgt Ion:128 Resp: 16144
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.962 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039182.D
Acq: 13 Dec 2023 10:57



Tgt Ion:180 Resp: 44152
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 38.1 17.8 53.5

