

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112723\
 Data File : VX039030.D
 Acq On : 27 Nov 2023 10:21
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 01:09:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	10875	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	86388	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	107293	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	45378	30.501	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.667%			
60) 4-Bromofluorobenzene	11.079	95	68845	29.377	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.933%			
63) Toluene-d8	8.647	98	125802	29.656	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32348	19.873	ug/l	95
3) Chloromethane	1.294	50	36160	19.402	ug/l	99
4) Vinyl Chloride	1.374	62	37208	19.775	ug/l	98
5) Bromomethane	1.611	94	25942	22.542	ug/l	97
6) Chloroethane	1.691	64	22412	20.454	ug/l	98
7) Trichlorofluoromethane	1.892	101	53077	20.439	ug/l	97
8) Diethyl Ether	2.130	74	19802	19.865	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29993	20.438	ug/l	98
10) 1,1-Dichloroethene	2.319	96	30109	20.354	ug/l	99
11) Methyl Iodide	2.453	142	31760	19.593	ug/l	98
12) Methyl Acetate	2.697	43	88796	19.247	ug/l	99
13) Acrolein	2.233	56	44734	110.683	ug/l	100
14) Acrylonitrile	3.056	53	111493	98.807	ug/l	99
15) Acetone	2.373	58	47723	116.351	ug/l	99
16) Carbon Disulfide	2.514	76	86238	19.249	ug/l	99
17) Allyl chloride	2.660	41	57772	19.674	ug/l	97
18) Methylene Chloride	2.788	84	34580	19.721	ug/l	93
19) trans-1,2-Dichloroethene	3.093	96	32707	19.550	ug/l	95
20) Diisopropyl ether	3.757	45	109820	19.652	ug/l	93
21) 1,1-Dichloroethane	3.611	63	60990	19.629	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	37758	19.474	ug/l	99
23) tert-Butyl Alcohol	2.947	59	57106	91.417	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	108357	19.885	ug/l	99
25) Chloroform	5.092	83	61950	19.866	ug/l	92
26) Cyclohexane	5.470	56	54975	19.549	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	46540	19.218	ug/l	99
30) 2-Butanone	4.544	43	184556	101.221	ug/l	99
31) 2,2-Dichloropropane	4.471	77	55315	19.977	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	55014	19.655	ug/l	98
33) Carbon Tetrachloride	5.672	117	46119	19.561	ug/l	98
34) Benzene	6.031	78	135900	19.264	ug/l	96
35) Methacrylonitrile	4.910	41	29395	18.200	ug/l	96
36) 1,2-Dichloroethane	6.086	62	51362	19.842	ug/l #	90
37) Trichloroethene	7.123	130	34952	19.521	ug/l	100
38) Methylcyclohexane	7.379	83	60166	19.940	ug/l	99
39) 1,2-Dichloropropane	7.427	63	36306	19.514	ug/l	98
40) Dibromomethane	7.580	93	25682	19.537	ug/l	99
41) Bromodichloromethane	7.818	83	49417	19.568	ug/l #	99
42) Vinyl Acetate	3.715	43	430728	99.184	ug/l	99

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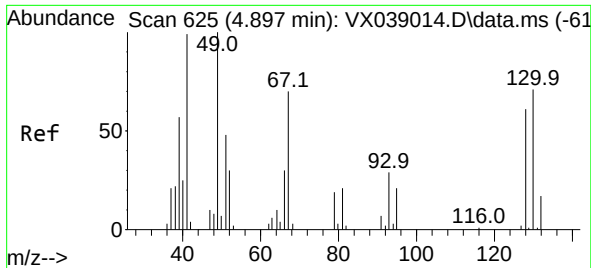
Manual Integrations
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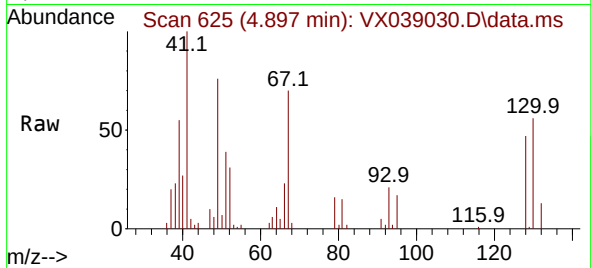
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	60970	19.437	ug/l	100
44) Isopropyl Acetate	6.336	43	98433	19.906	ug/l	97
45) 1,4-Dioxane	7.653	88	18772	371.865	ug/l	97
46) Methyl methacrylate	7.690	41	53766	19.017	ug/l	97
47) n-amyl Acetate	10.841	43	79059	18.889	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	56294	19.224	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	58238	19.279	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	35265	19.748	ug/l	98
51) Ethyl methacrylate	9.116	69	43217	19.334	ug/l	97
52) 1,3-Dichloropropane	9.305	76	59067	19.290	ug/l	99
53) Dibromochloromethane	9.518	129	37218	19.407	ug/l	99
54) 1,2-Dibromoethane	9.610	107	37389	19.093	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	126948	89.599	ug/l	99
56) Bromoform	10.799	173	26506	19.150	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	317504	97.584	ug/l	100
59) 2-Hexanone	9.427	43	265873	99.551	ug/l	100
61) Tetrachloroethene	9.269	164	27785	19.918	ug/l	94
62) Toluene	8.714	91	149171	19.583	ug/l	100
64) Chlorobenzene	10.079	112	89673	19.353	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	32605	19.539	ug/l	99
66) Ethyl Benzene	10.195	91	168572	19.434	ug/l	99
67) m/p-Xylenes	10.299	106	125010	39.002	ug/l	100
68) o-Xylene	10.640	106	60318	19.428	ug/l	100
69) Styrene	10.652	104	87936	19.138	ug/l	99
70) Isopropylbenzene	10.963	105	162764	19.594	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	59975	19.340	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	52610m	20.049	ug/l	
73) Bromobenzene	11.195	156	36723	19.417	ug/l	98
74) n-propylbenzene	11.305	91	197881	19.443	ug/l	100
75) 2-Chlorotoluene	11.366	91	116859	19.571	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	140642	19.653	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	19865	19.105	ug/l	97
78) 4-Chlorotoluene	11.451	91	136287	19.413	ug/l	99
79) tert-butylbenzene	11.713	119	132363	19.451	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	139945	19.539	ug/l	99
81) sec-Butylbenzene	11.890	105	169011	19.647	ug/l	98
82) p-Isopropyltoluene	12.006	119	141681	19.433	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	71091	19.642	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	72382	19.490	ug/l	99
85) n-Butylbenzene	12.329	91	138832	19.282	ug/l	99
86) Hexachloroethane	12.536	117	26430	19.132	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	67429	19.374	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15412	19.433	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	44724	19.382	ug/l	98
90) Hexachlorobutadiene	13.725	225	15933	19.338	ug/l	100
91) Naphthalene	13.774	128	160001	18.801	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	43755	19.576	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

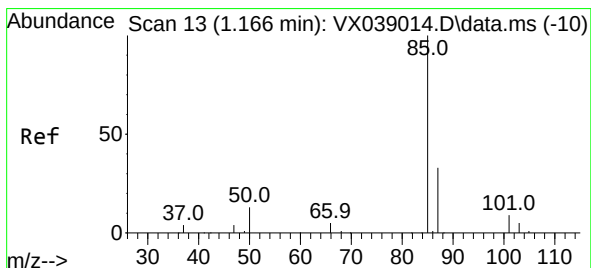
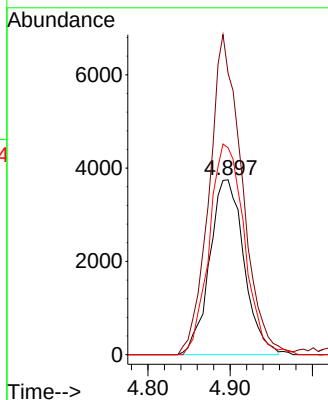
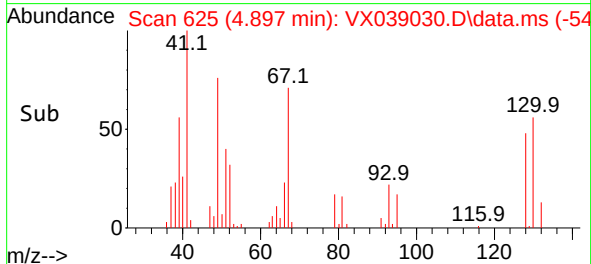
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



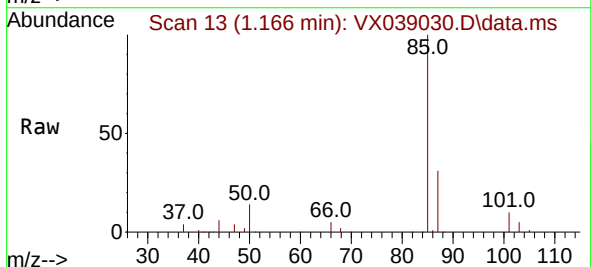
Tgt Ion:128 Resp: 1087
Ion Ratio Lower Upper
128 100
49 175.6 0.0 444.0
130 123.1 0.0 297.8

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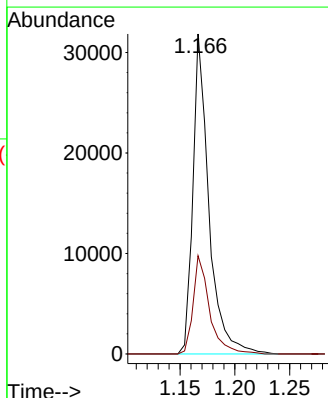
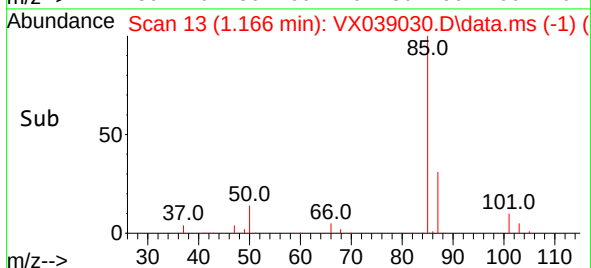
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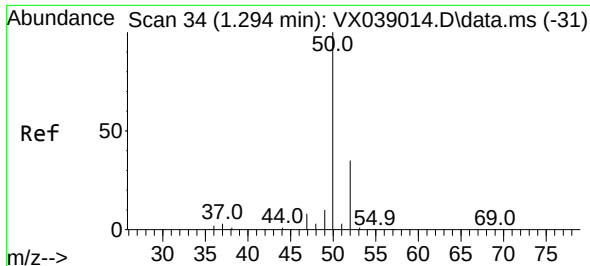


#2
Dichlorodifluoromethane
Concen: 19.873 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



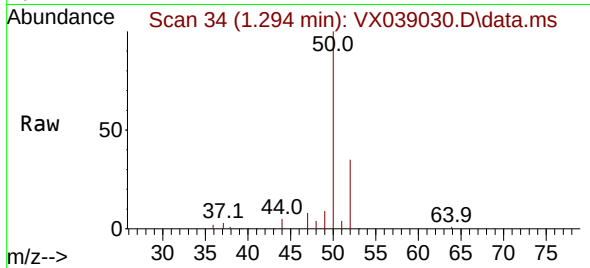
Tgt Ion: 85 Resp: 32348
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





#3
Chloromethane
Concen: 19.402 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

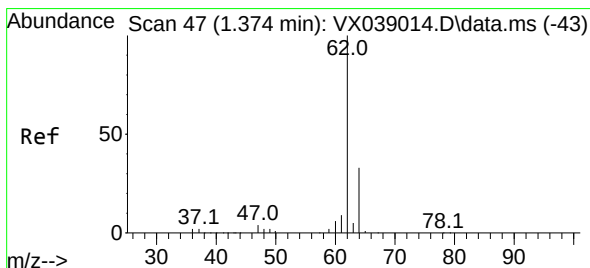
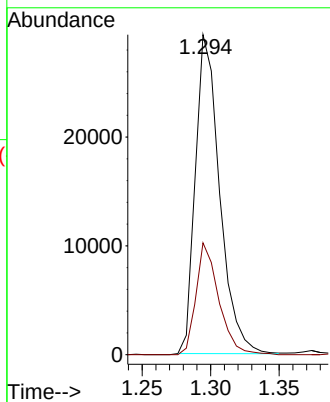
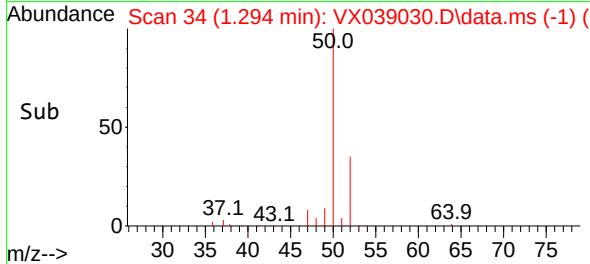
Instrument :
MSVOA_X
ClientSampleId :
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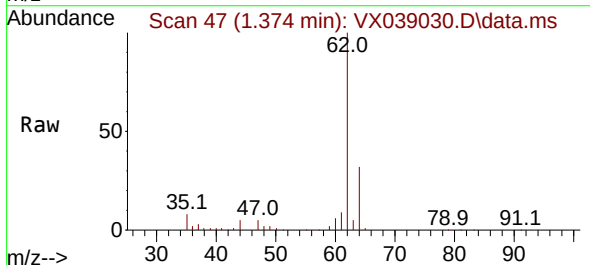
Tgt Ion: 50 Resp: 36160
Ion Ratio Lower Upper
50 100
52 35.1 27.8 41.8

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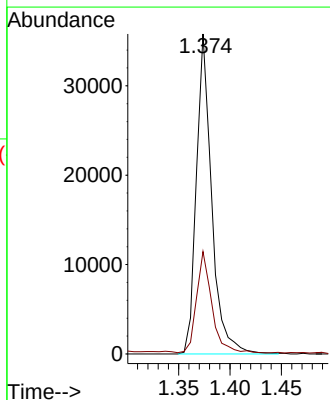
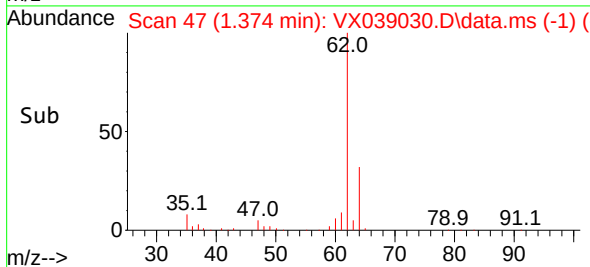
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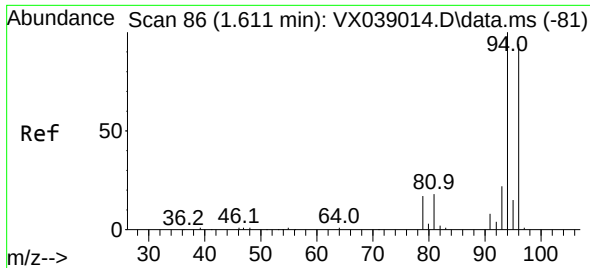


#4
Vinyl Chloride
Concen: 19.775 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion: 62 Resp: 37208
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





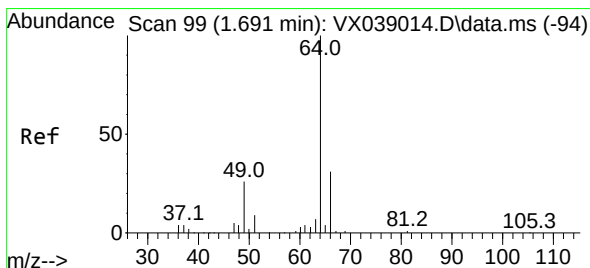
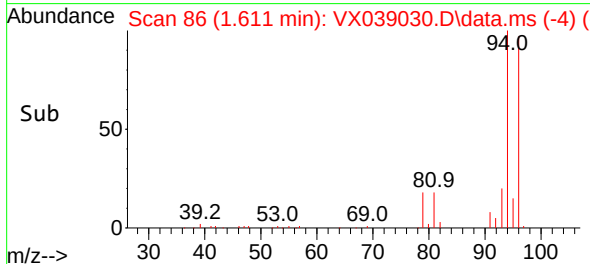
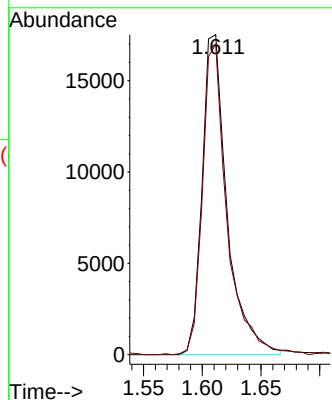
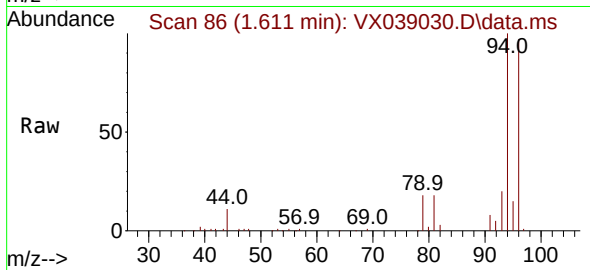
#5
Bromomethane
Concen: 22.542 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2594
Ion Ratio Lower Upper
94 100
96 96.6 74.9 112.3

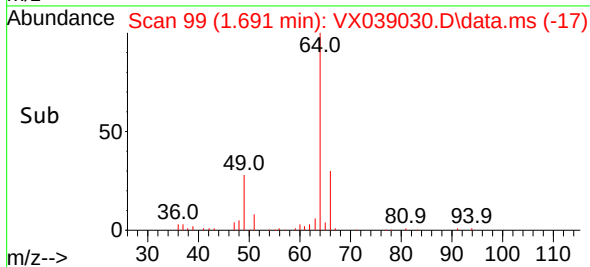
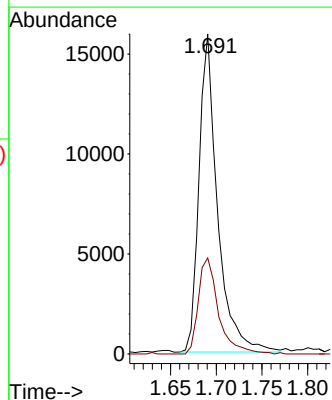
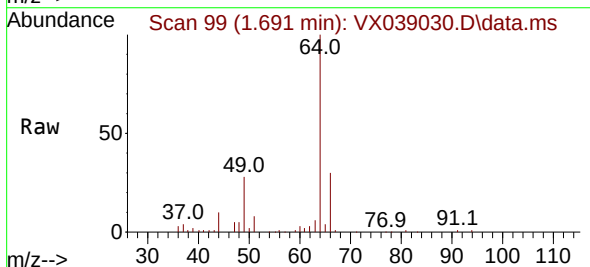
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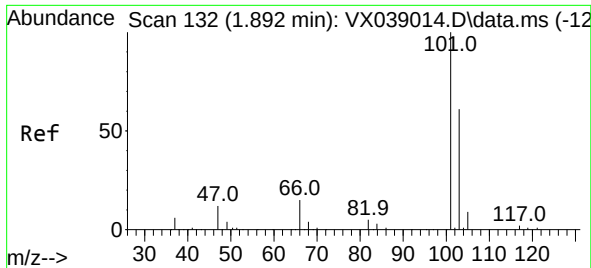
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#6
Chloroethane
Concen: 20.454 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 64 Resp: 22412
Ion Ratio Lower Upper
64 100
66 30.2 25.0 37.6





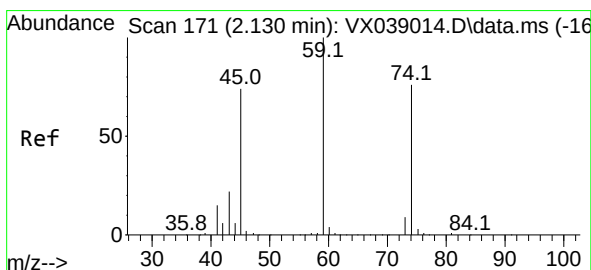
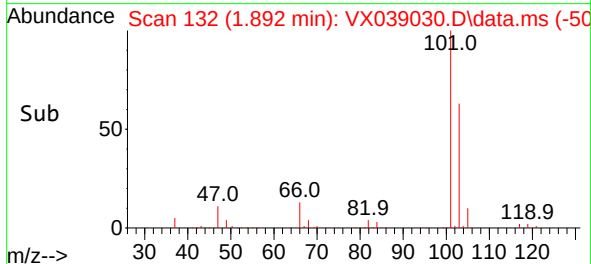
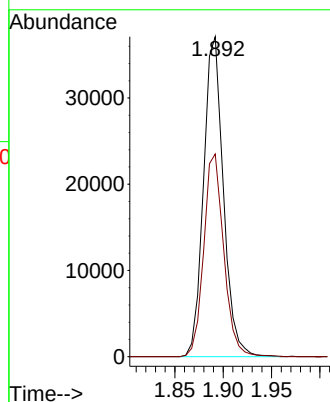
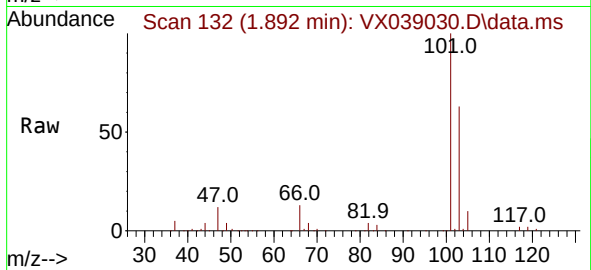
#7
Trichlorofluoromethane
Concen: 20.439 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

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VSTDCCC020

Tgt Ion:101 Resp: 5307
Ion Ratio Lower Upper
101 100
103 63.4 49.1 73.7

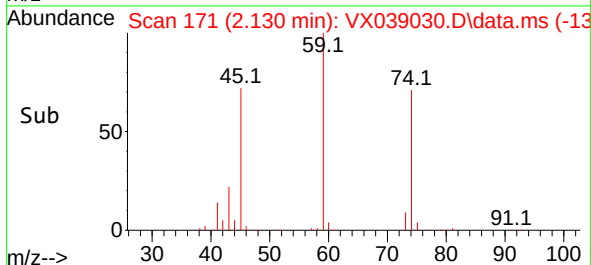
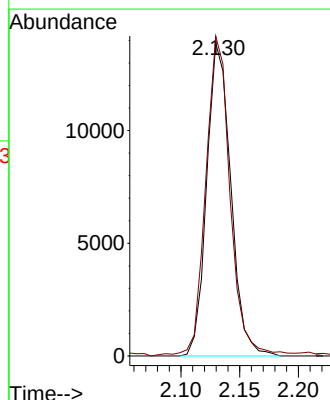
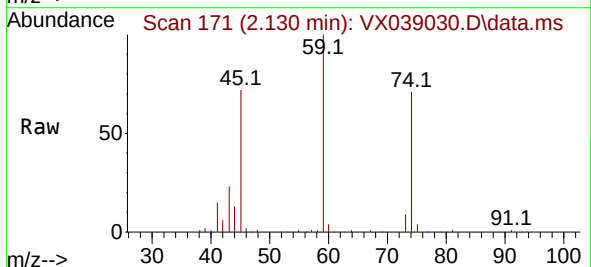
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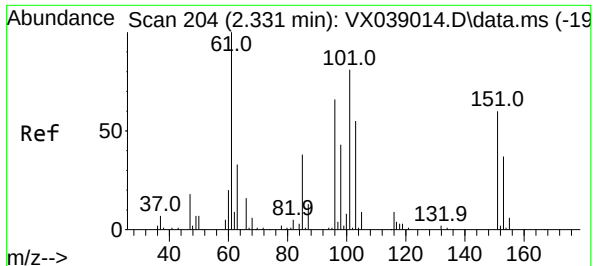
Reviewed By :John Carlone 11/28/2023
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#8
Diethyl Ether
Concen: 19.865 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 74 Resp: 19802
Ion Ratio Lower Upper
74 100
45 103.6 20.5 184.5





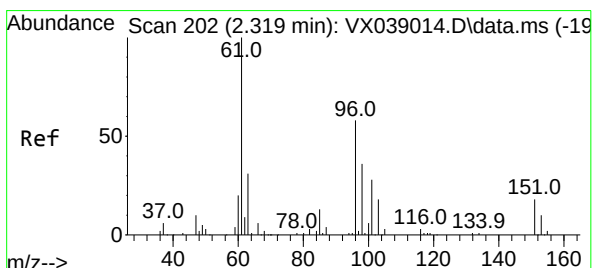
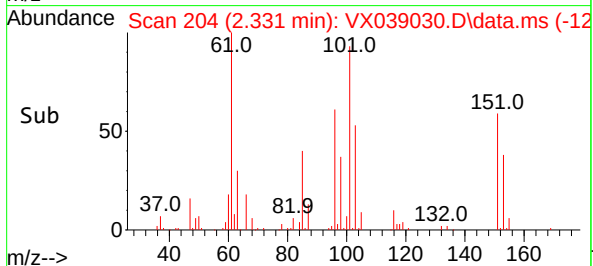
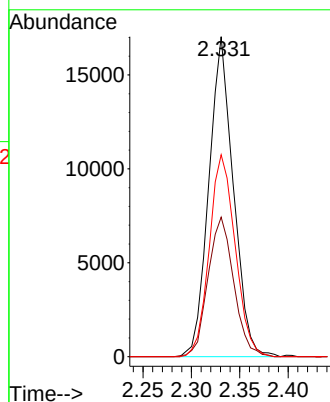
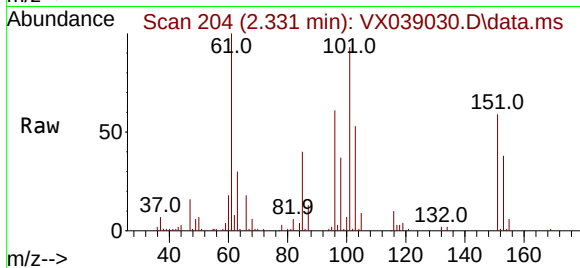
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.438 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 2999
Ion Ratio Lower Upper
101 100
85 45.9 0.0 95.2
151 66.7 0.0 136.8

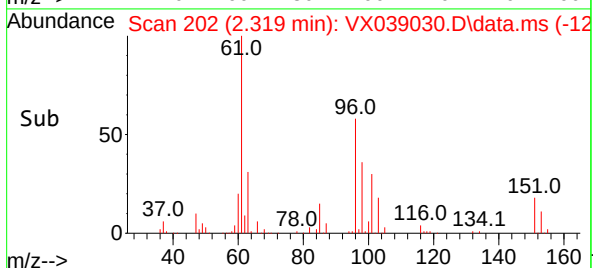
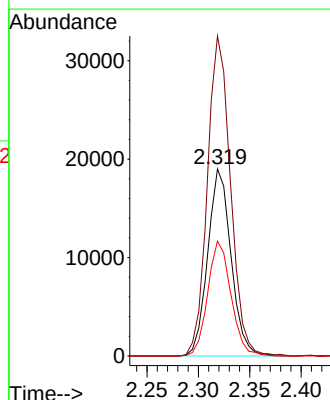
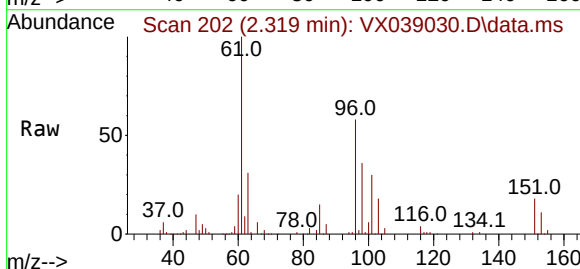
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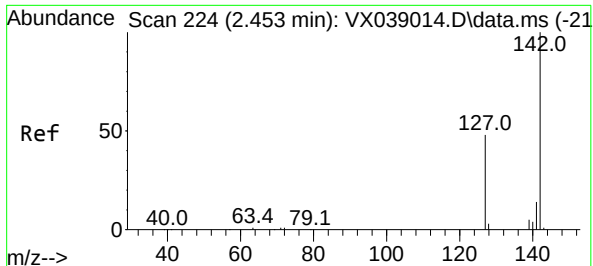
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
1,1-Dichloroethene
Concen: 20.354 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 96 Resp: 30109
Ion Ratio Lower Upper
96 100
61 171.1 138.3 207.5
98 61.4 49.8 74.6





#11

Methyl Iodide

Concen: 19.593 ug/l

RT: 2.453 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039030.D

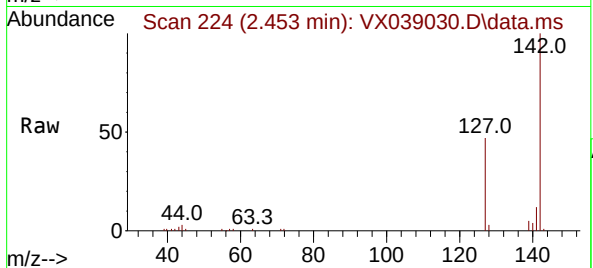
Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



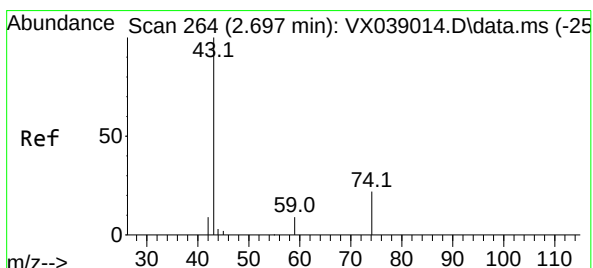
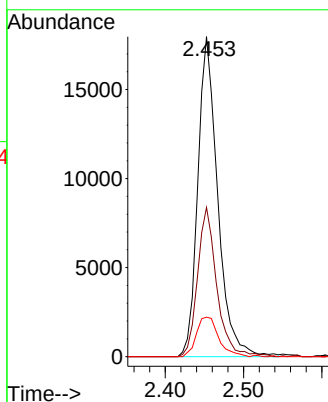
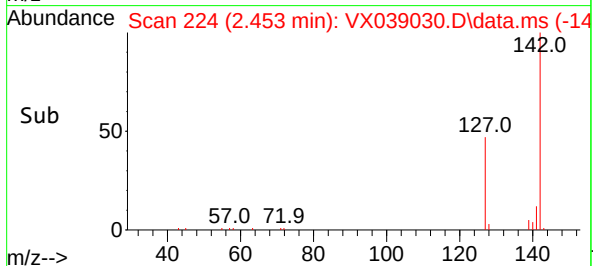
Tgt Ion:	142	Resp:	31760
Ion Ratio	Lower	Upper	
142	100		
127	46.8	23.8	71.4
141	12.4	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#12

Methyl Acetate

Concen: 19.247 ug/l

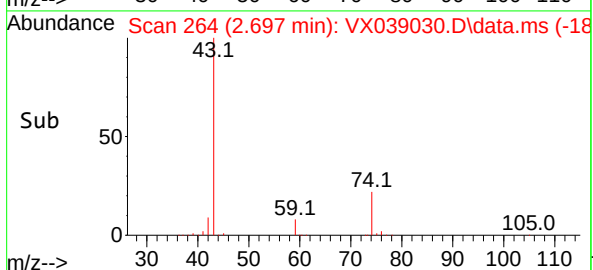
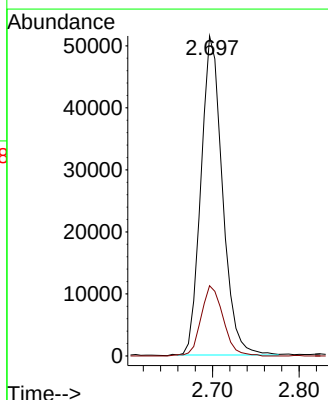
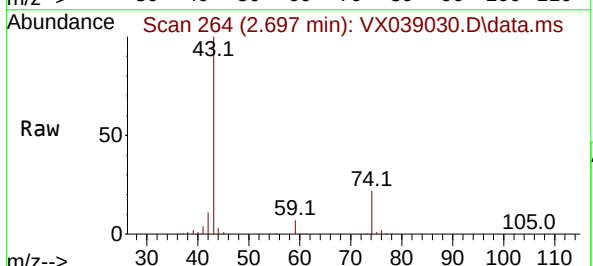
RT: 2.697 min Scan# 264

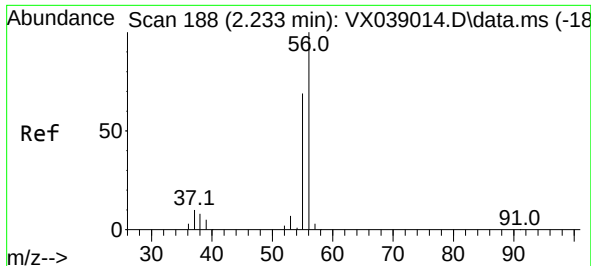
Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

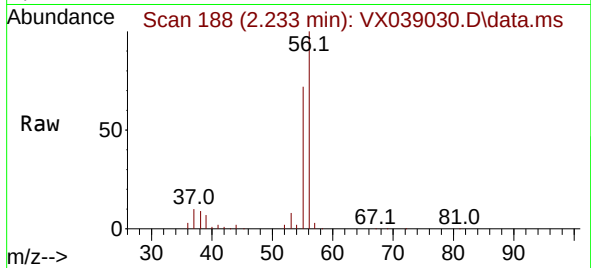
Tgt Ion:	43	Resp:	88796
Ion Ratio	Lower	Upper	
43	100		
74	21.9	17.8	26.6





#13
Acrolein
Concen: 110.683 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

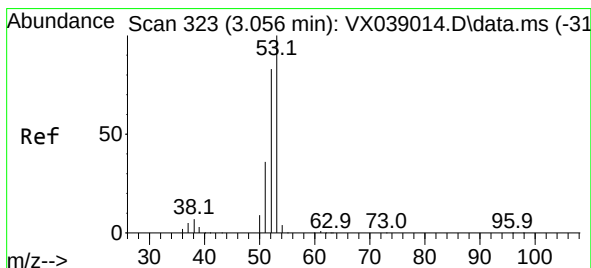
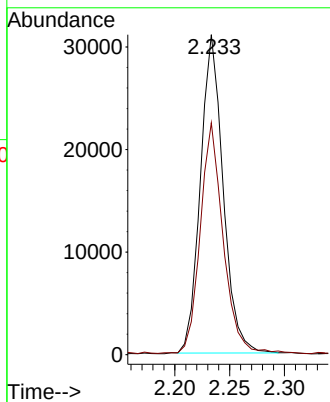
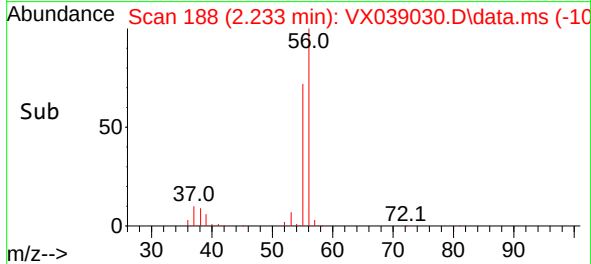
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



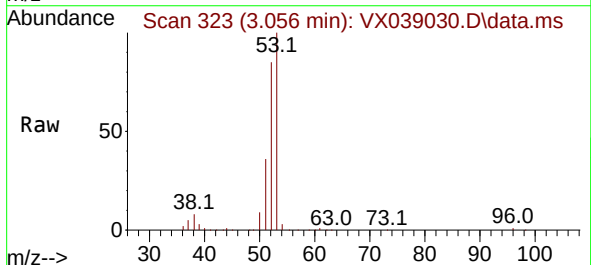
Tgt Ion: 56 Resp: 44734
Ion Ratio Lower Upper
56 100
55 71.2 57.2 85.8

Manual Integrations
APPROVED

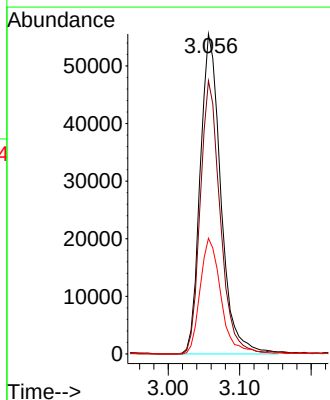
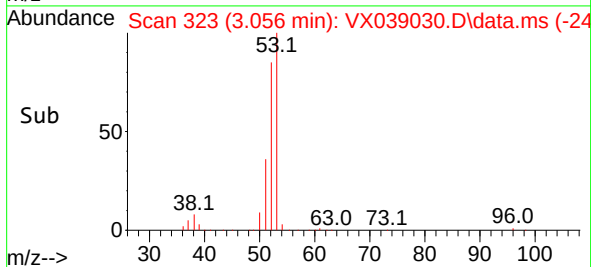
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

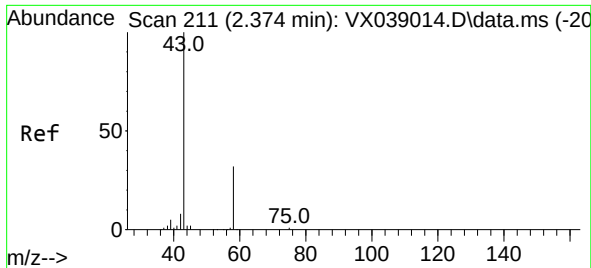


#14
Acrylonitrile
Concen: 98.807 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion: 53 Resp: 111493
Ion Ratio Lower Upper
53 100
52 82.1 41.9 125.6
51 36.6 18.3 54.9





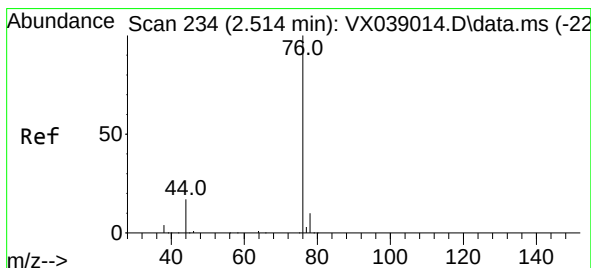
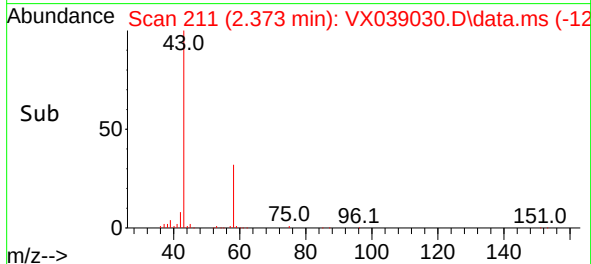
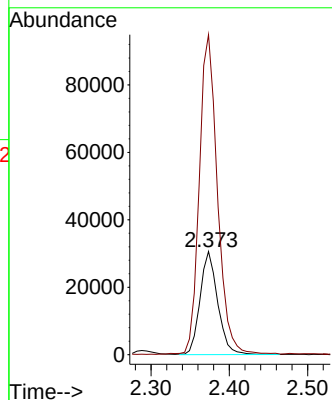
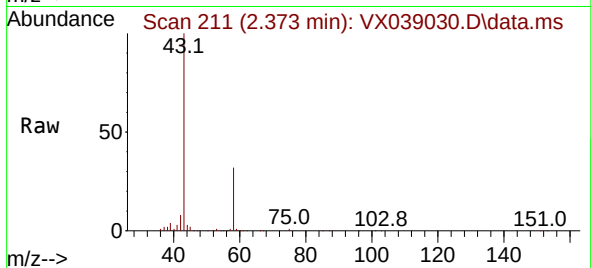
#15
Acetone
Concen: 116.351 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 4772
Ion Ratio Lower Upper
58 100
43 309.9 249.9 374.9

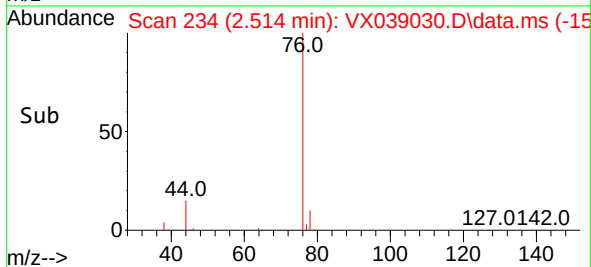
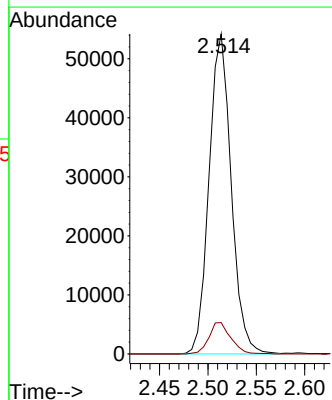
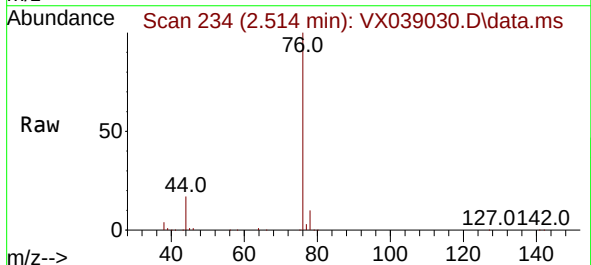
Manual Integrations
APPROVED

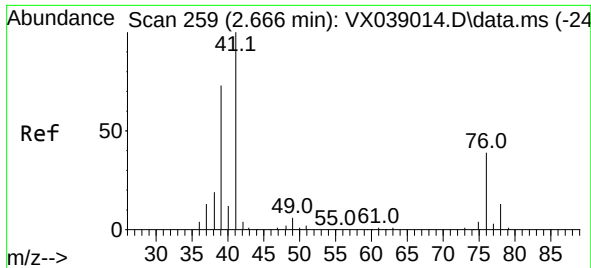
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Carbon Disulfide
Concen: 19.249 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 76 Resp: 86238
Ion Ratio Lower Upper
76 100
78 9.8 8.0 12.0





#17
 Allyl chloride
 Concen: 19.674 ug/l
 RT: 2.660 min Scan# 259
 Delta R.T. -0.006 min
 Lab File: VX039030.D
 Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

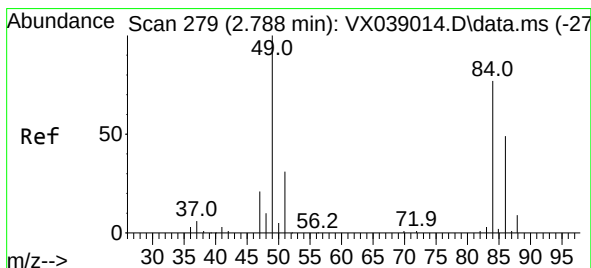
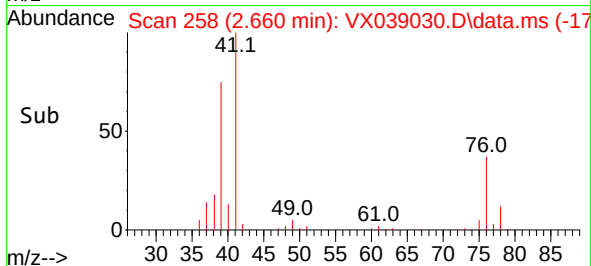
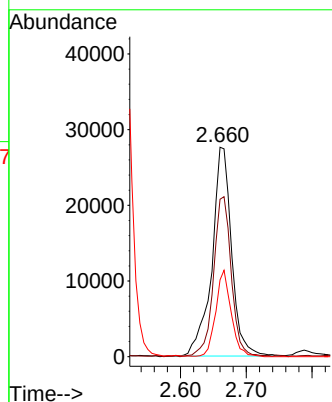
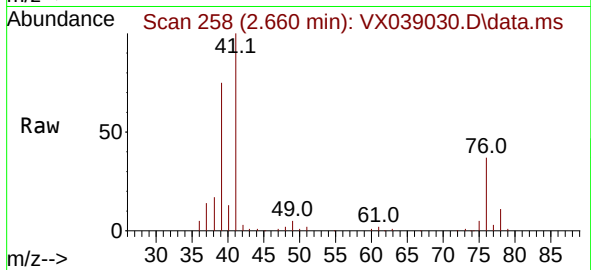
VSTDCCC020

Tgt Ion: 41 Resp: 57772
 Ion Ratio Lower Upper
 41 100
 39 75.4 36.5 109.5
 76 36.8 19.7 59.0

Manual Integrations

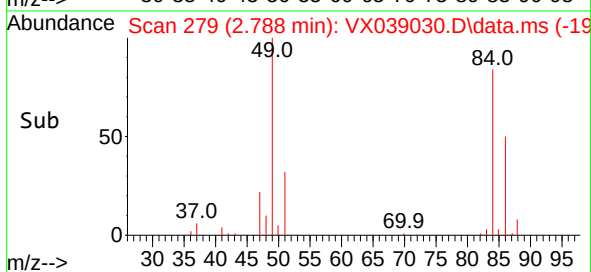
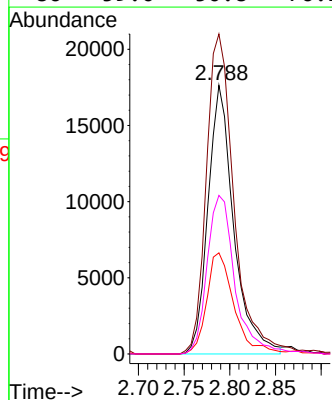
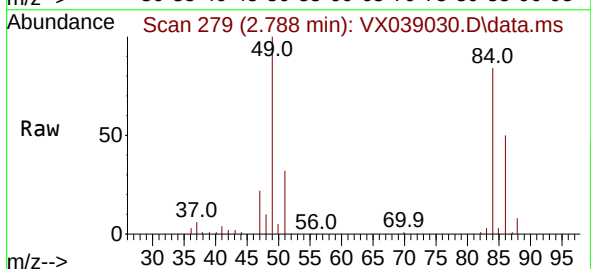
APPROVED

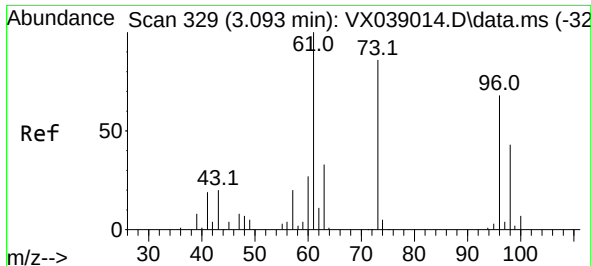
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#18
 Methylene Chloride
 Concen: 19.721 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX039030.D
 Acq: 27 Nov 2023 10:21

Tgt Ion: 84 Resp: 34580
 Ion Ratio Lower Upper
 84 100
 49 119.1 103.8 155.8
 51 37.7 31.8 47.6
 86 59.0 50.8 76.2





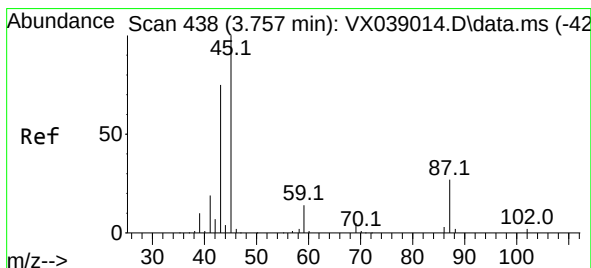
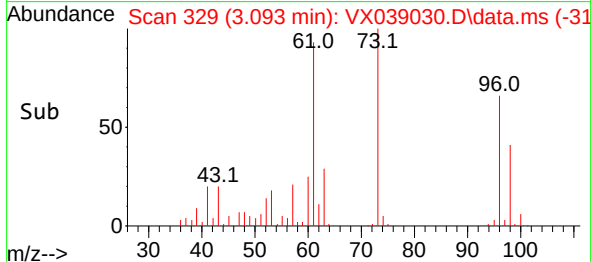
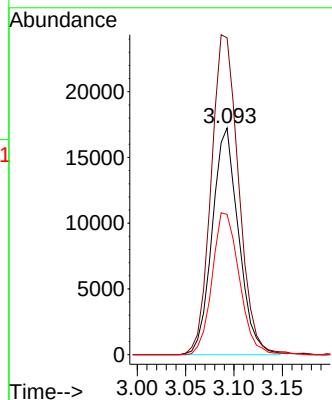
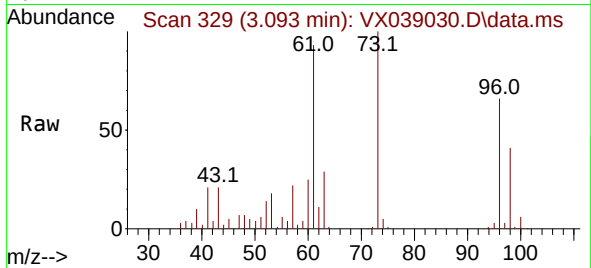
#19
trans-1,2-Dichloroethene
Concen: 19.550 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 3270
Ion Ratio Lower Upper
96 100
61 139.7 117.9 176.9
98 61.9 51.0 76.6

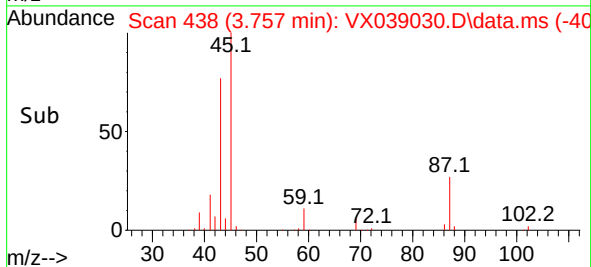
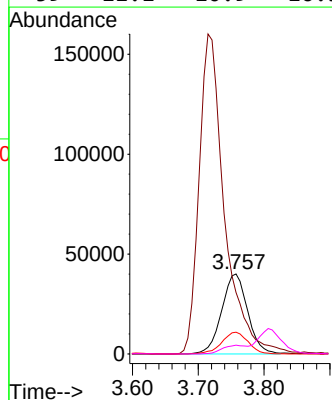
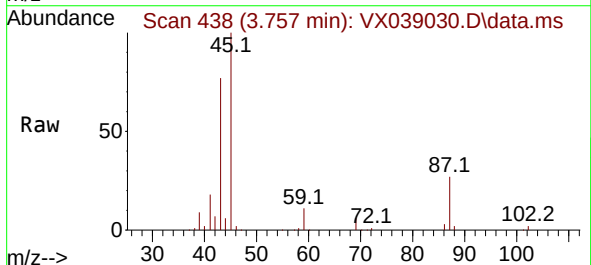
Manual Integrations
APPROVED

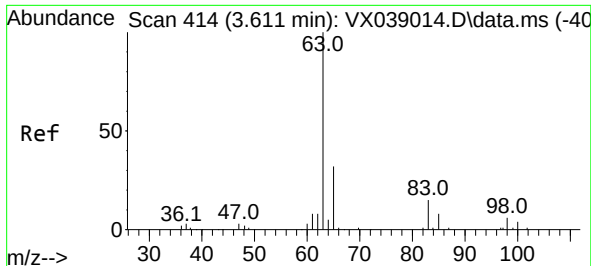
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Diisopropyl ether
Concen: 19.652 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 45 Resp: 109820
Ion Ratio Lower Upper
45 100
43 76.1 67.7 101.5
87 27.1 21.5 32.3
59 11.1 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.629 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 60990

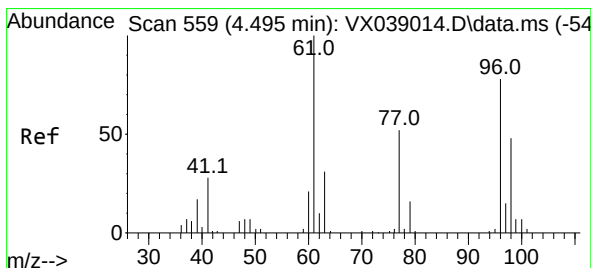
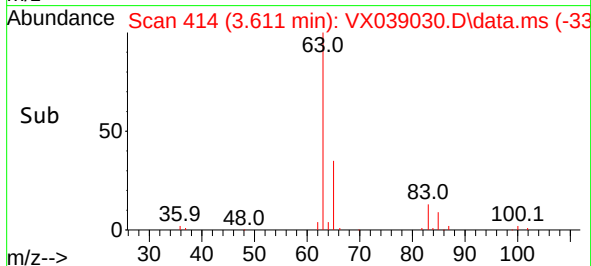
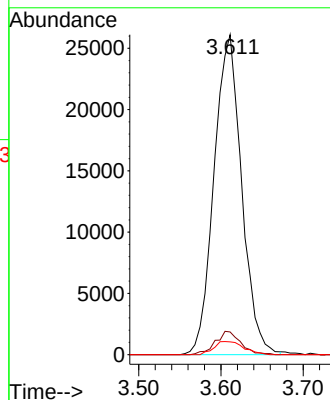
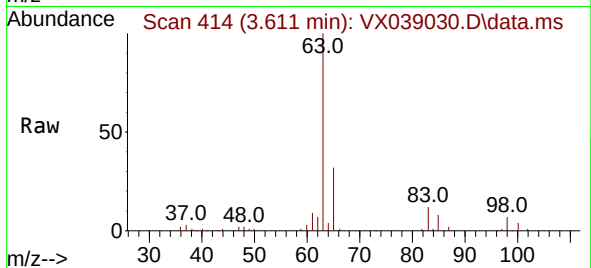
Ion	Ratio	Lower	Upper
63	100		
98	7.1	2.9	8.8
100	4.0	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#22

cis-1,2-Dichloroethene

Concen: 19.474 ug/l

RT: 4.489 min Scan# 558

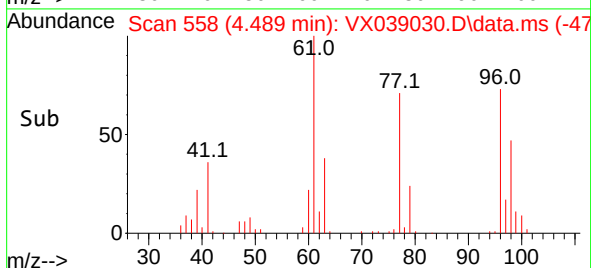
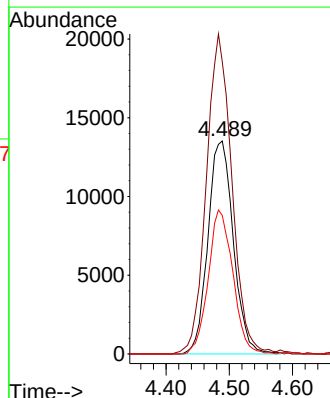
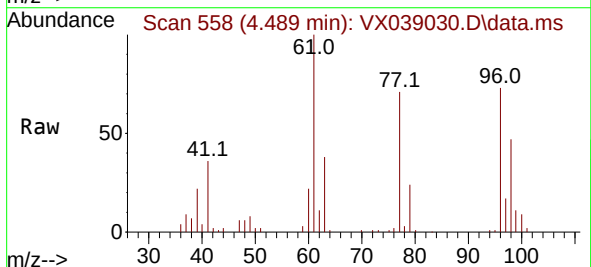
Delta R.T. -0.006 min

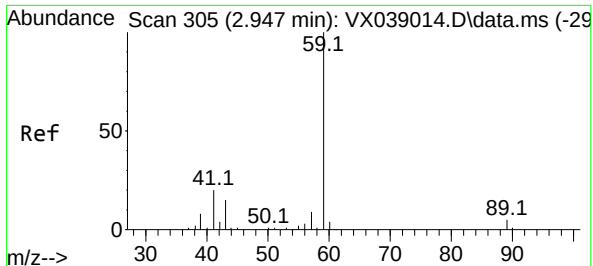
Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Tgt Ion: 96 Resp: 37758

Ion	Ratio	Lower	Upper
96	100		
61	150.0	119.8	179.6
98	65.3	50.9	76.3





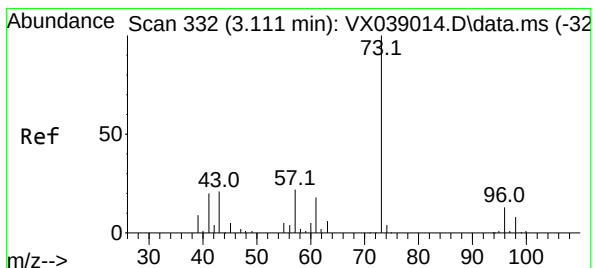
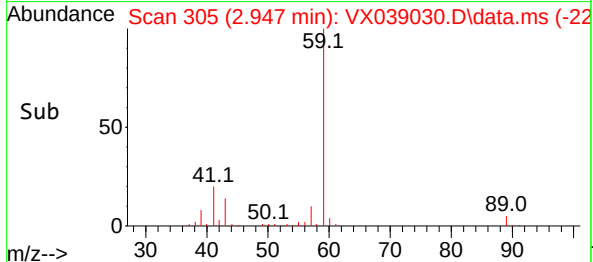
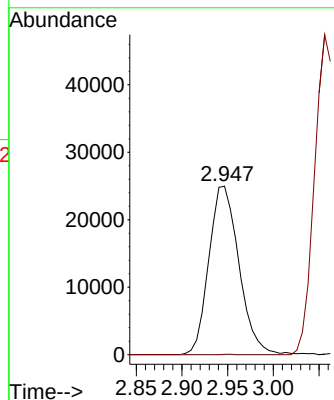
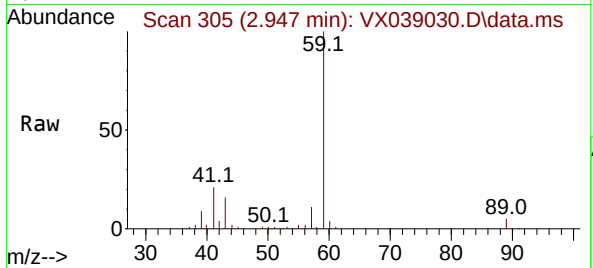
#23
tert-Butyl Alcohol
Concen: 91.417 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 57100
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

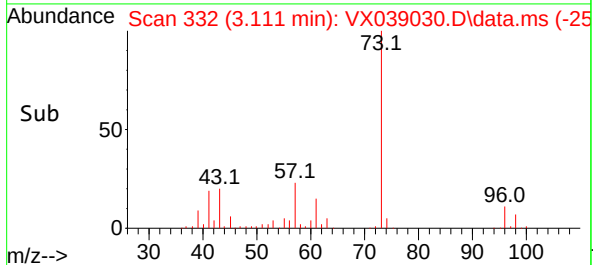
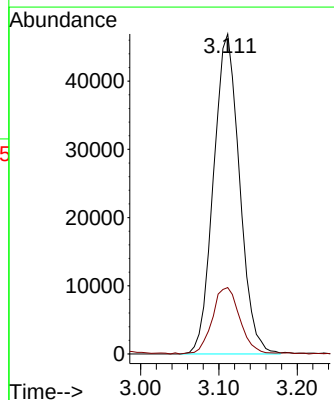
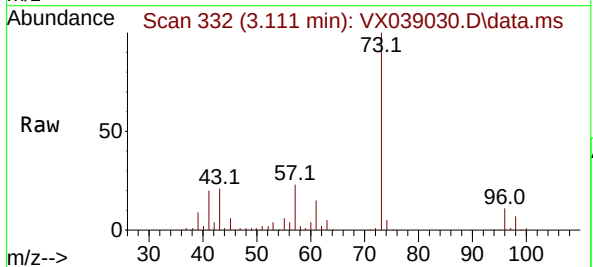
Manual Integrations
APPROVED

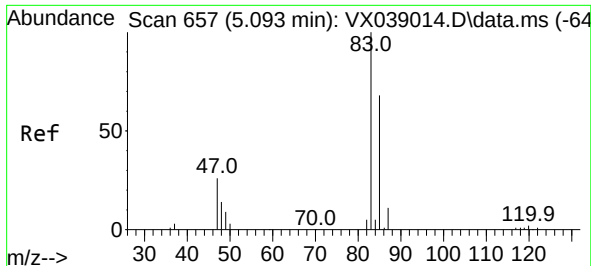
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#24
Methyl tert-Butyl Ether
Concen: 19.885 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 73 Resp: 108357
Ion Ratio Lower Upper
73 100
43 21.9 17.0 25.6





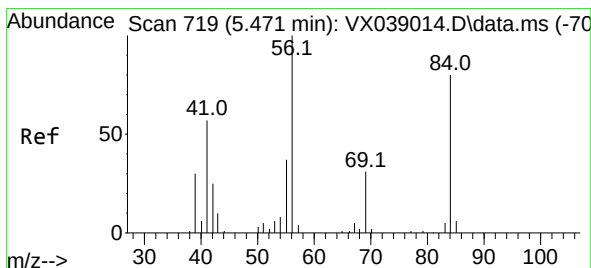
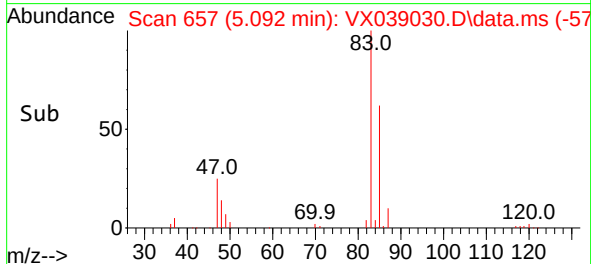
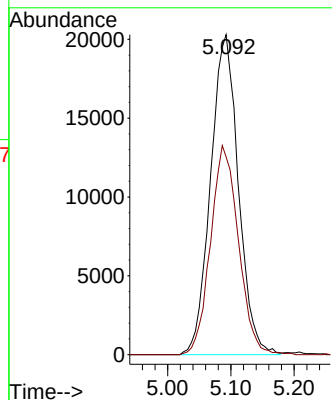
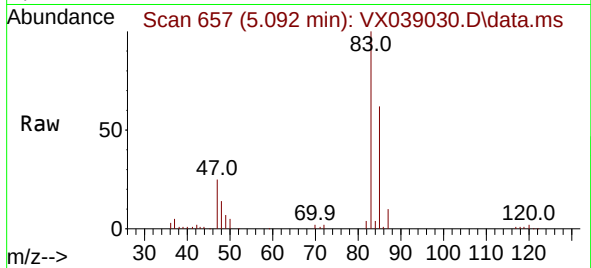
#25
Chloroform
Concen: 19.866 ug/l
RT: 5.092 min Scan# 61950
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 61950
Ion Ratio Lower Upper
83 100
85 61.8 54.6 81.8

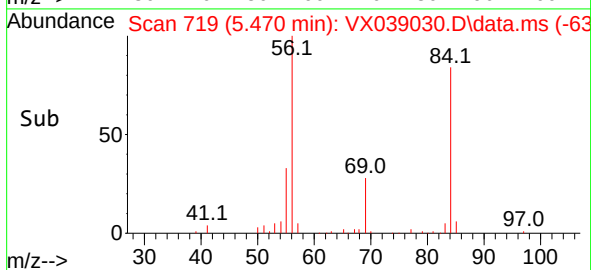
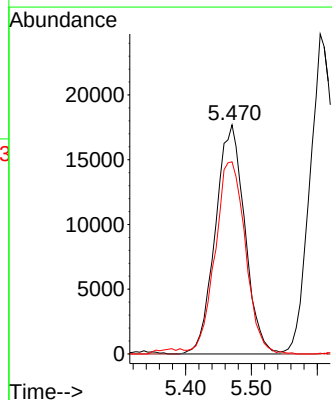
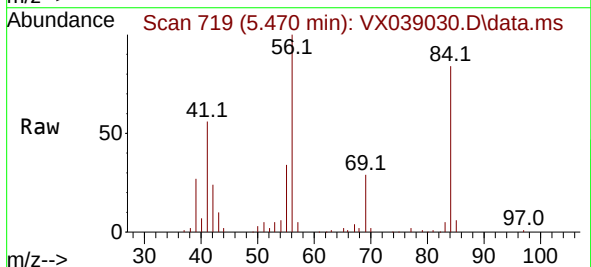
Manual Integrations
APPROVED

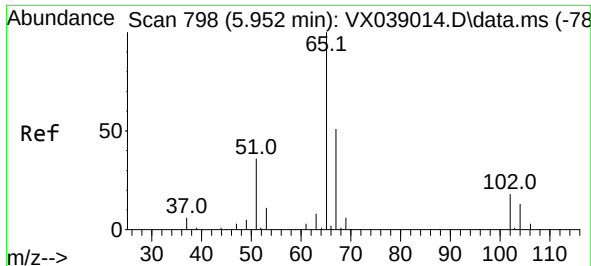
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#26
Cyclohexane
Concen: 19.549 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

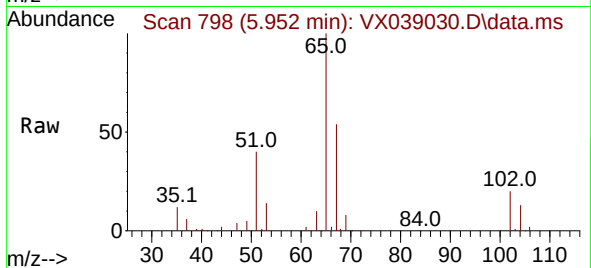
Tgt Ion: 56 Resp: 54975
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.2 67.2 100.8





#27
1,2-Dichloroethane-d4
Concen: 30.501 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

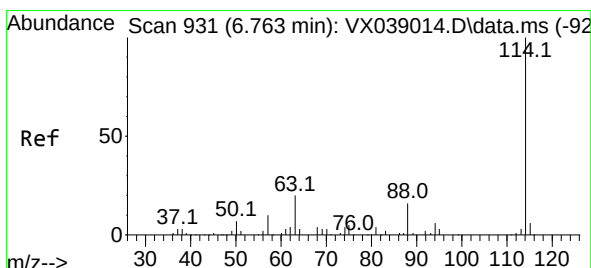
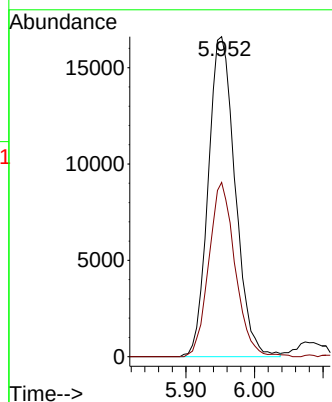
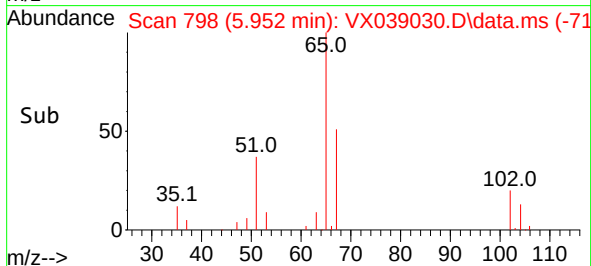
Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC020



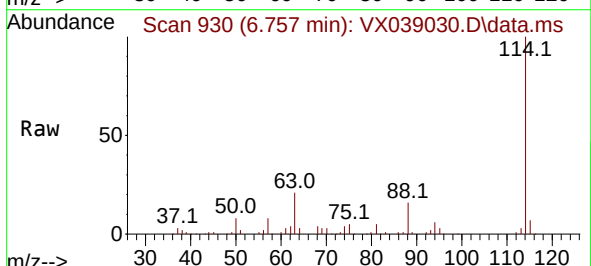
Tgt Ion: 65 Resp: 45378
Ion Ratio Lower Upper
65 100
67 52.6 42.5 63.7

Manual Integrations
APPROVED

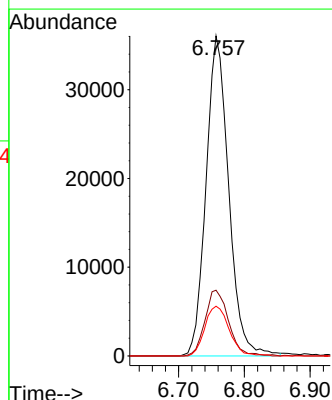
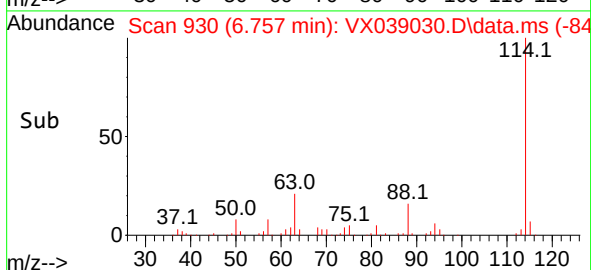
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

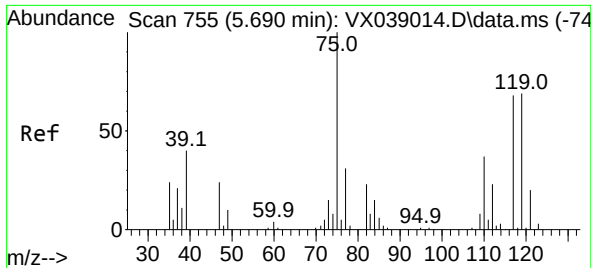


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion:114 Resp: 86388
Ion Ratio Lower Upper
114 100
63 20.9 17.0 25.4
88 16.6 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.218 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

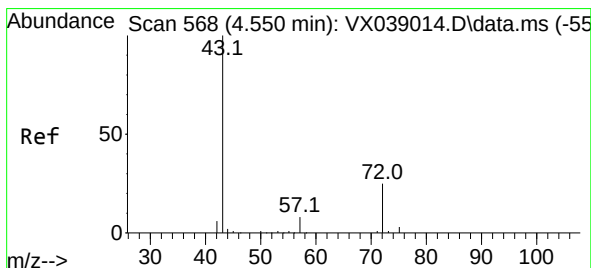
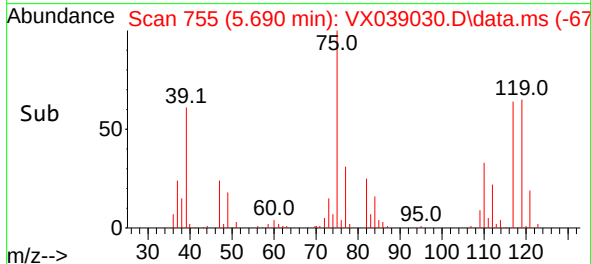
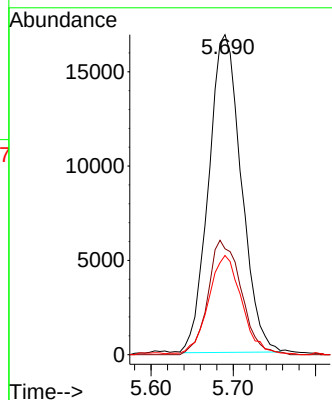
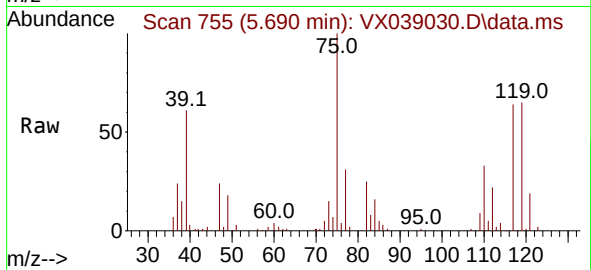
VSTDCCC020

Tgt Ion: 75 Resp: 46540
Ion Ratio Lower Upper
75 100
110 36.5 0.0 71.2
77 31.9 0.0 62.6

Manual Integrations

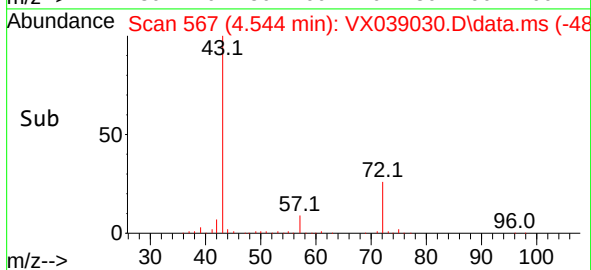
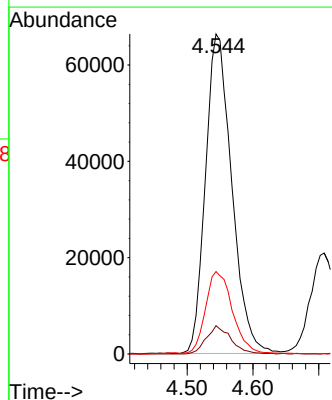
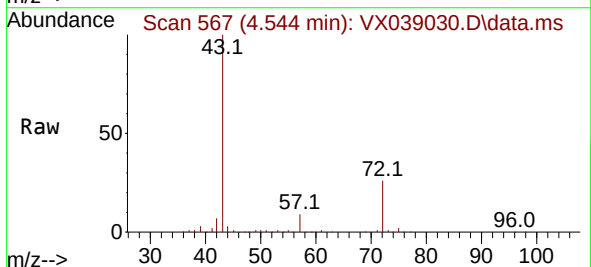
APPROVED

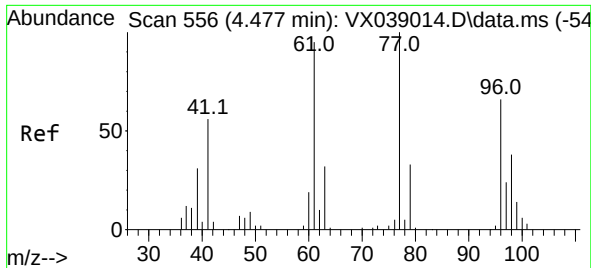
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#30
2-Butanone
Concen: 101.221 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 43 Resp: 184556
Ion Ratio Lower Upper
43 100
57 8.2 6.6 10.0
72 26.6 20.6 31.0





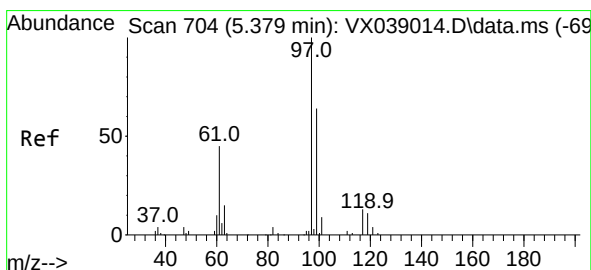
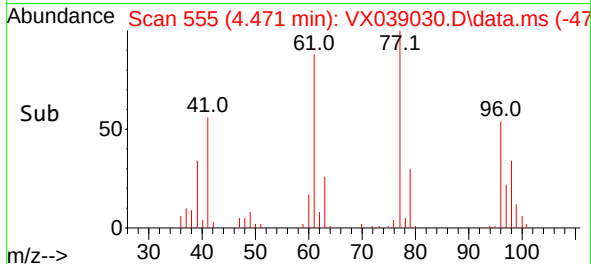
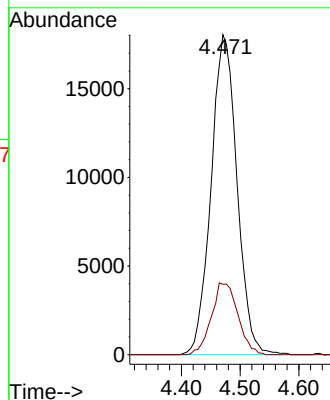
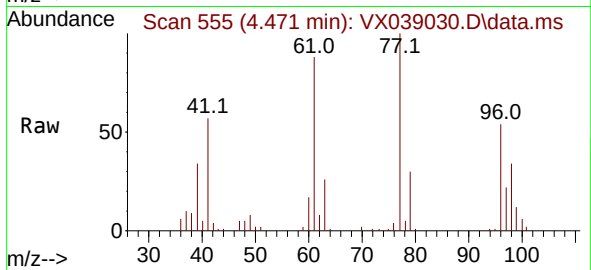
#31
2,2-Dichloropropane
Concen: 19.977 ug/l
RT: 4.471 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 55315
Ion Ratio Lower Upper
77 100
97 22.9 18.2 27.4

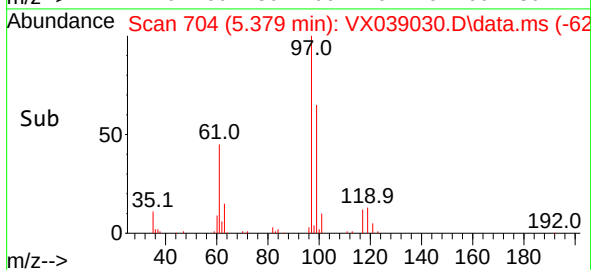
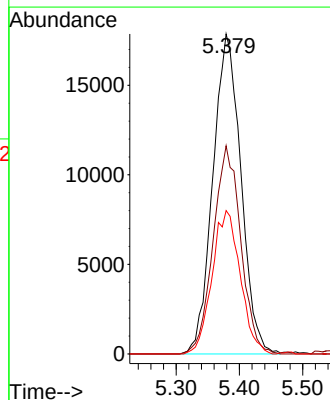
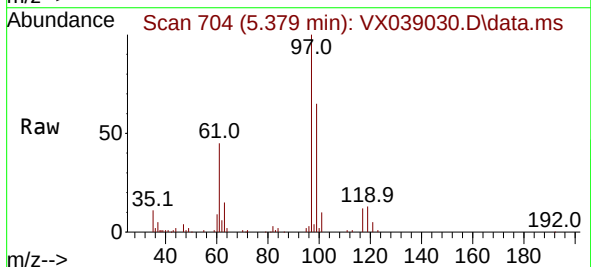
Manual Integrations
APPROVED

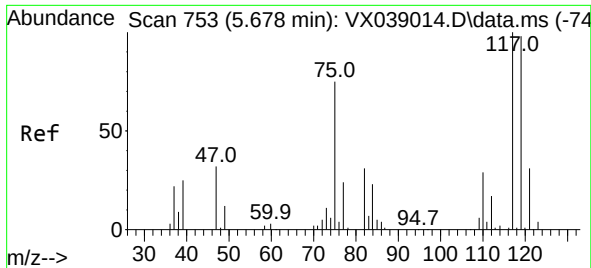
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 19.655 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 97 Resp: 55014
Ion Ratio Lower Upper
97 100
99 63.8 52.6 79.0
61 45.0 36.9 55.3





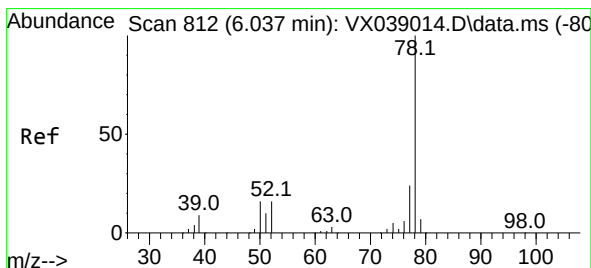
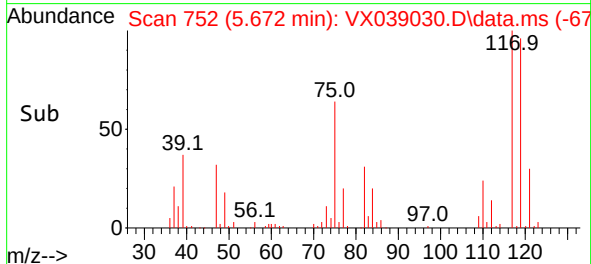
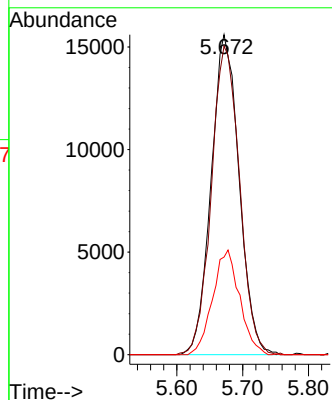
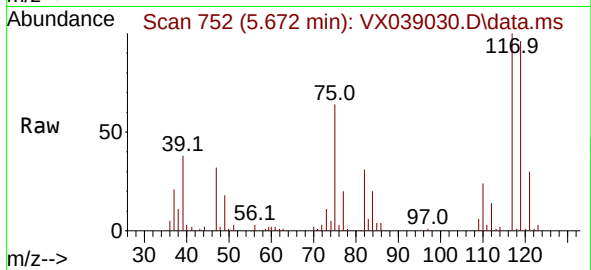
#33
Carbon Tetrachloride
Concen: 19.561 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 46119
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.4
121 30.5 24.7 37.1

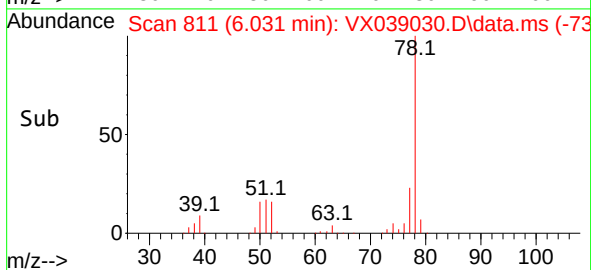
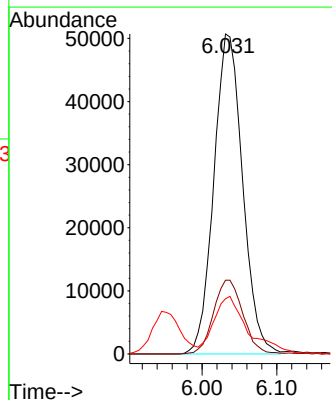
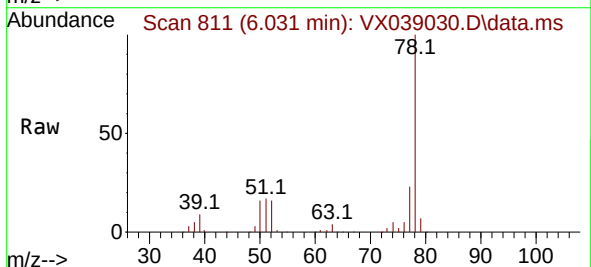
Manual Integrations
APPROVED

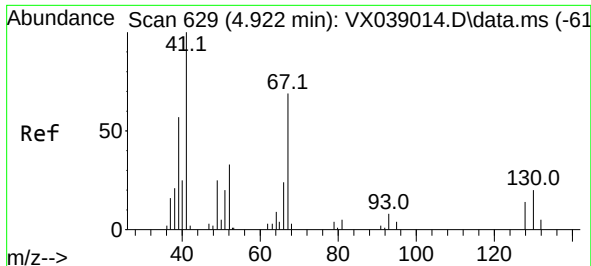
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#34
Benzene
Concen: 19.264 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 78 Resp: 135900
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9
51 15.2 14.4 21.6





#35
Methacrylonitrile
Concen: 18.200 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

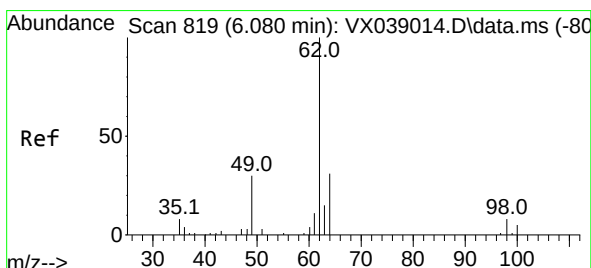
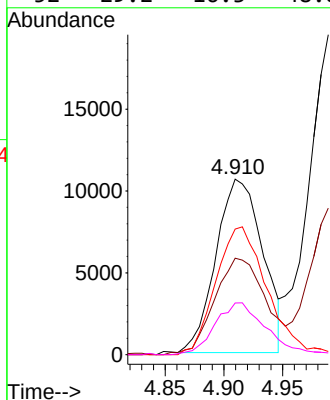
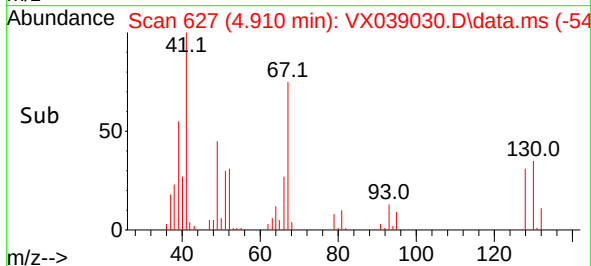
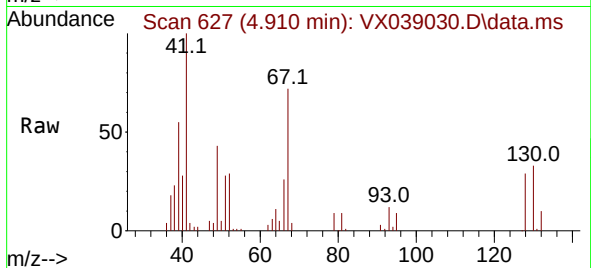
Tgt Ion: 41 Resp: 2939
Ion Ratio Lower Upper
41 100
39 54.3 28.2 84.7
67 72.4 34.5 103.5
52 29.2 16.3 48.8

Manual Integrations

APPROVED

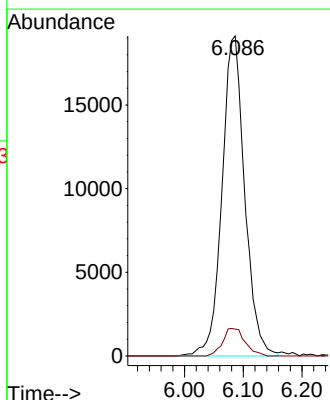
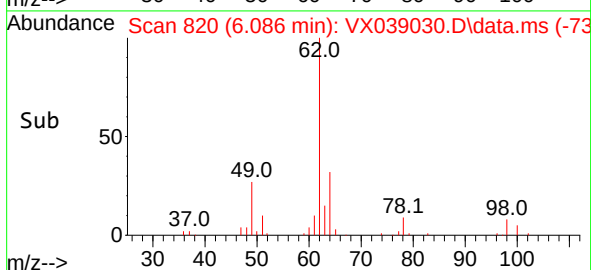
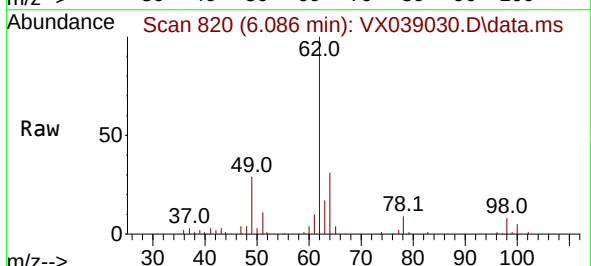
Reviewed By :John Carlone 11/28/2023

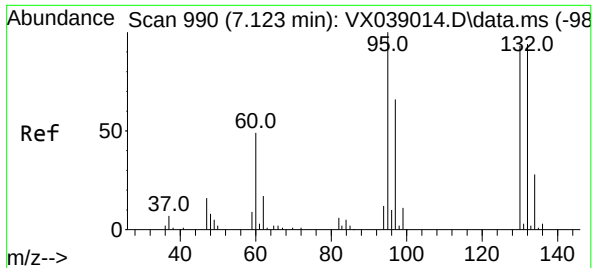
Supervised By :Mahesh Dadoda 11/28/2023



#36
1,2-Dichloroethane
Concen: 19.842 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

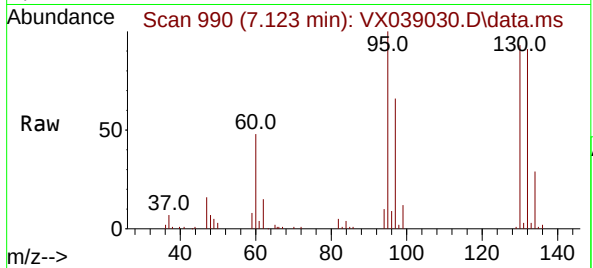
Tgt Ion: 62 Resp: 51362
Ion Ratio Lower Upper
62 100
98 5.1 7.0 10.4#





#37
Trichloroethene
Concen: 19.521 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

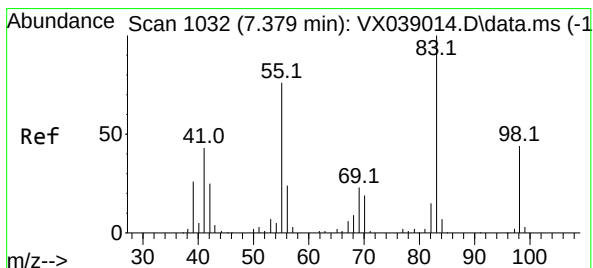
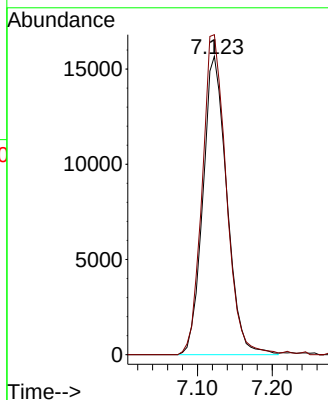
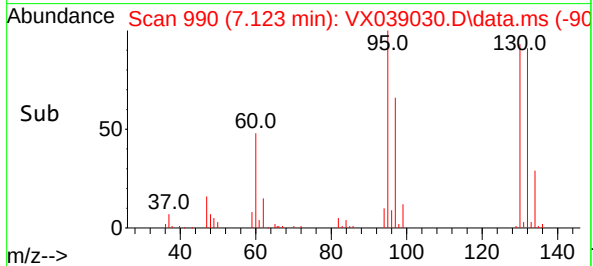
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



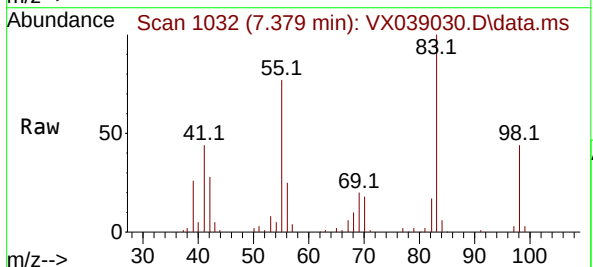
Tgt Ion:130 Resp: 34952
Ion Ratio Lower Upper
130 100
95 107.2 85.8 128.8

Manual Integrations
APPROVED

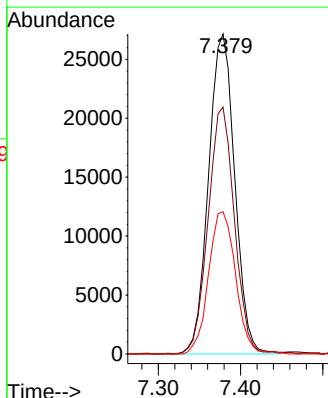
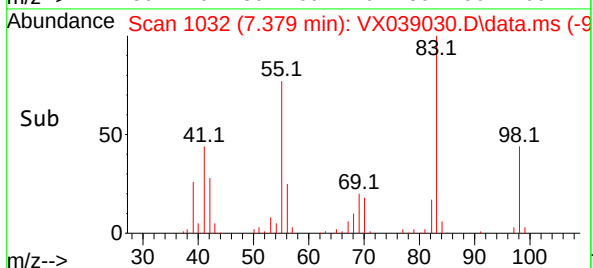
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

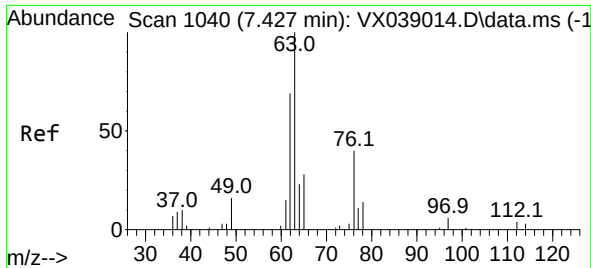


#38
Methylcyclohexane
Concen: 19.940 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion: 83 Resp: 60166
Ion Ratio Lower Upper
83 100
55 77.1 38.6 116.0
98 46.0 22.3 66.8





#39

1,2-Dichloropropane

Concen: 19.514 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 36300

Ion Ratio Lower Upper

63 100

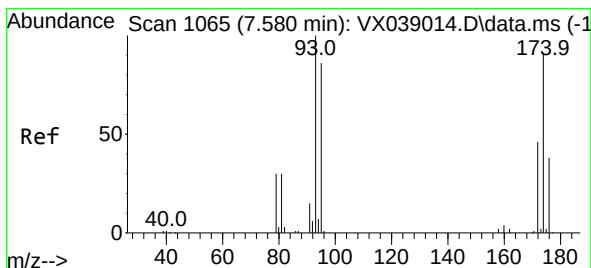
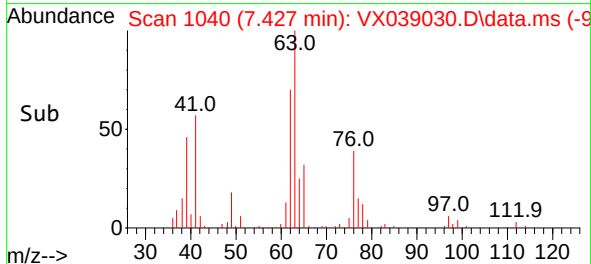
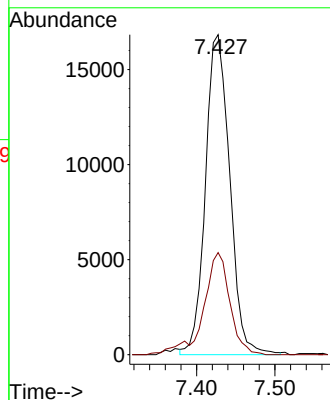
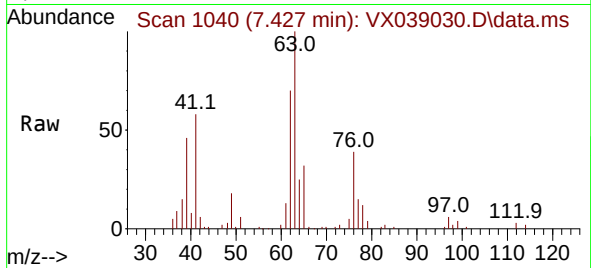
65 32.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

Dibromomethane

Concen: 19.537 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

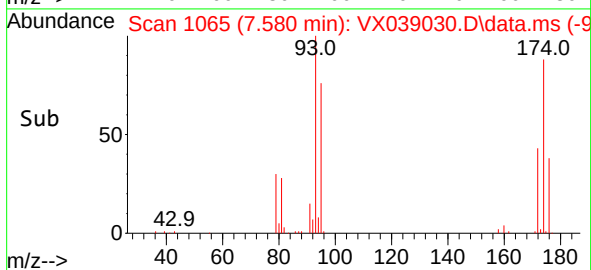
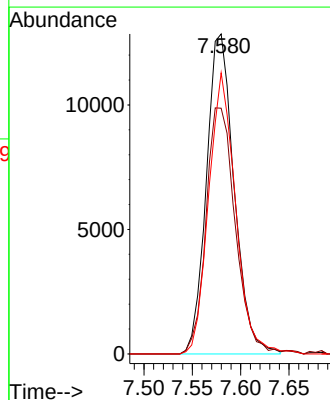
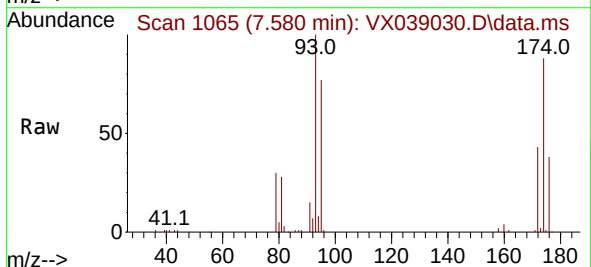
Tgt Ion: 93 Resp: 25682

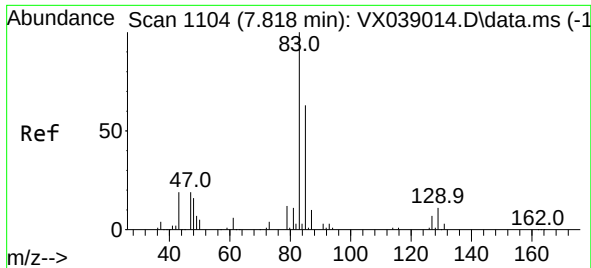
Ion Ratio Lower Upper

93 100

95 80.6 0.0 163.4

174 84.7 0.0 166.4





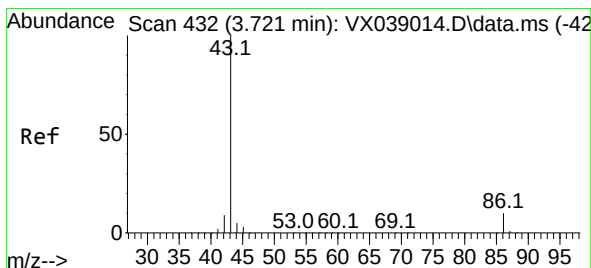
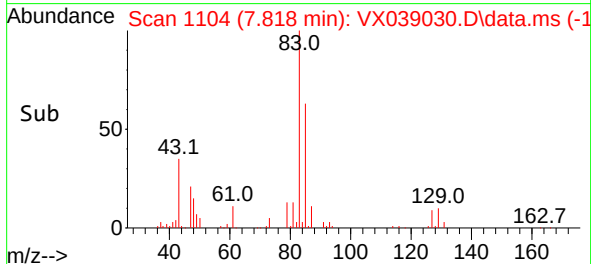
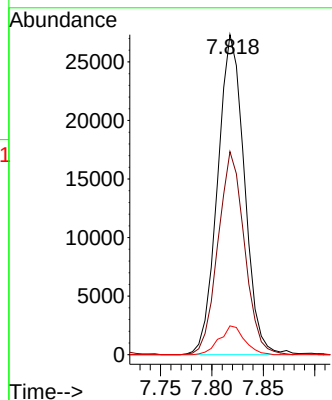
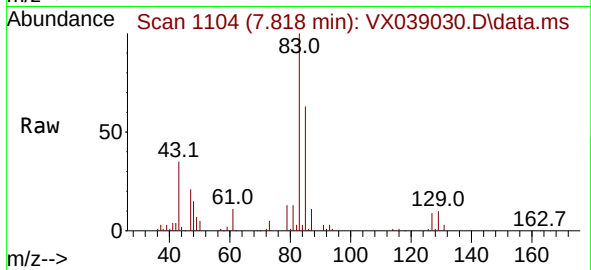
#41
Bromodichloromethane
Concen: 19.568 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 4941
Ion Ratio Lower Upper
83 100
85 63.5 50.8 76.2
127 9.0 5.9 8.9

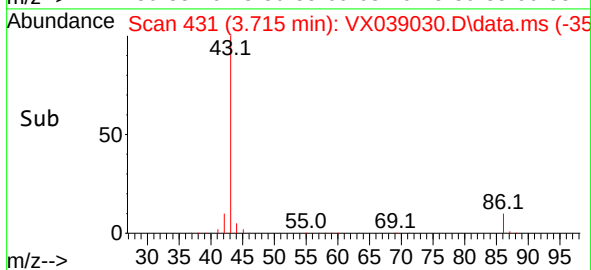
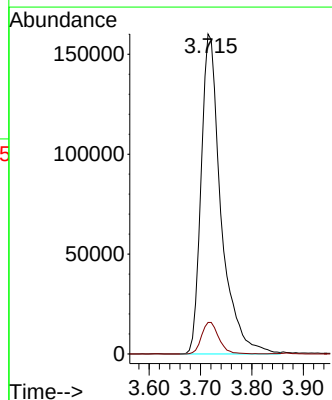
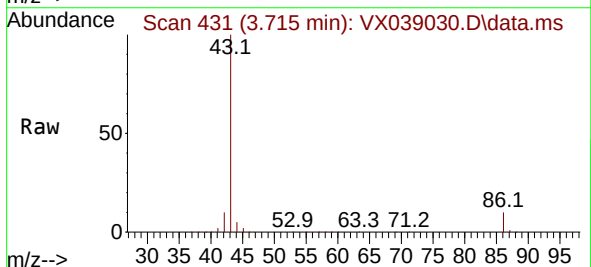
Manual Integrations
APPROVED

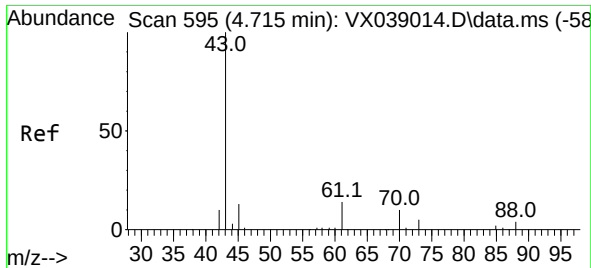
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#42
Vinyl Acetate
Concen: 99.184 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

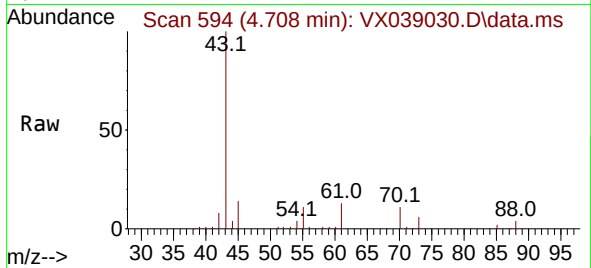
Tgt Ion: 43 Resp: 430728
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1





#43
Ethyl Acetate
Concen: 19.437 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

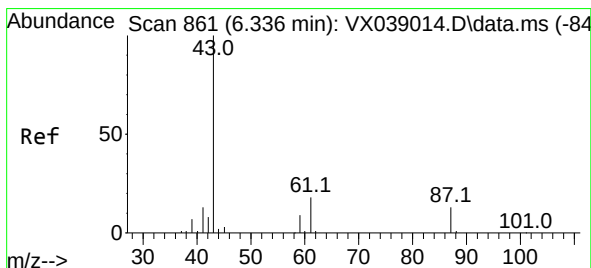
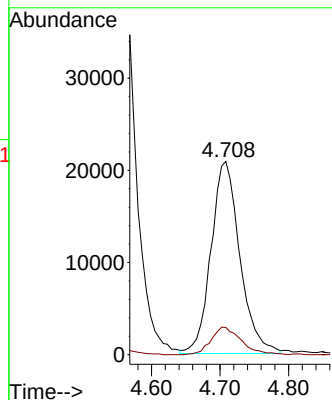
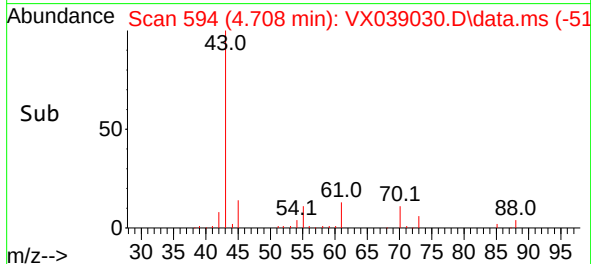
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



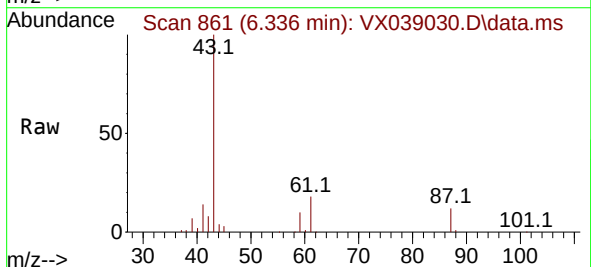
Tgt Ion: 43 Resp: 60970
Ion Ratio Lower Upper
43 100
45 15.0 11.8 17.8

Manual Integrations
APPROVED

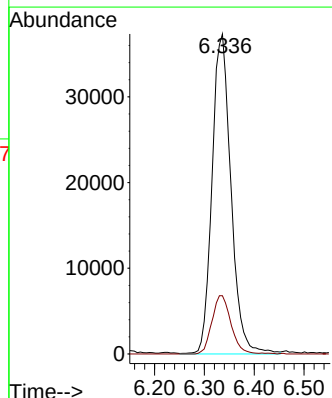
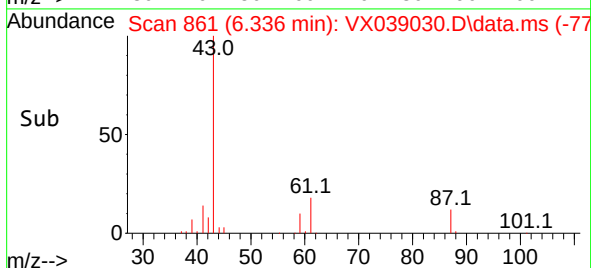
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

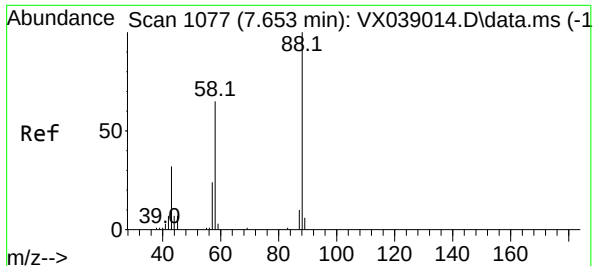


#44
Isopropyl Acetate
Concen: 19.906 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



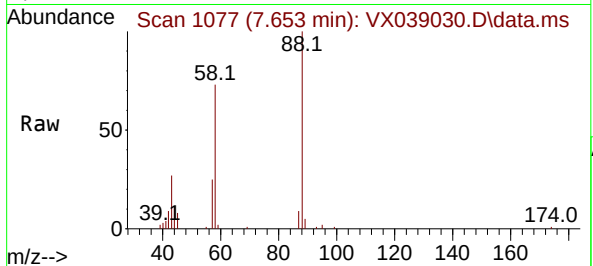
Tgt Ion: 43 Resp: 98433
Ion Ratio Lower Upper
43 100
61 18.3 15.6 23.4





#45
1,4-Dioxane
Concen: 371.865 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

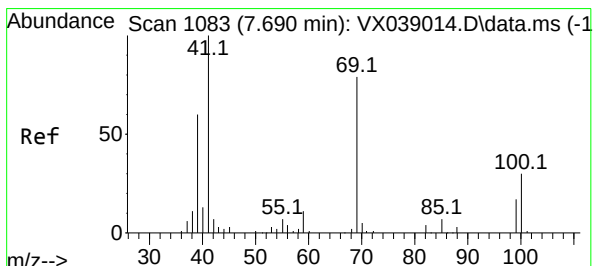
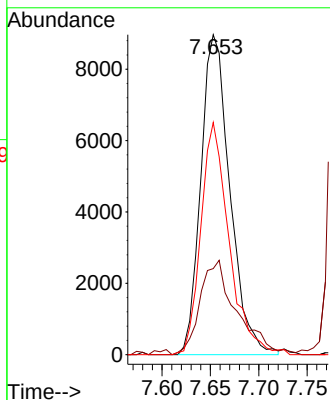
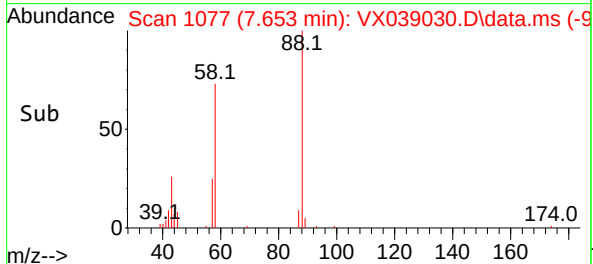
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 18772
Ion Ratio Lower Upper
88 100
43 32.7 28.1 42.1
58 69.9 57.7 86.5

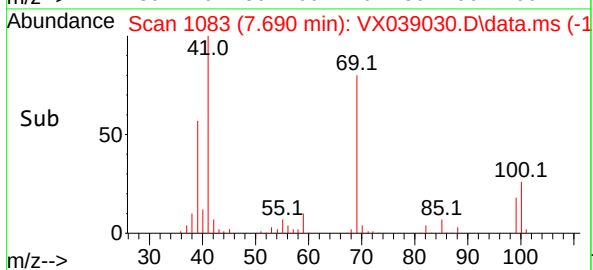
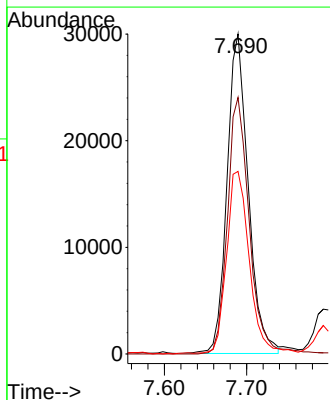
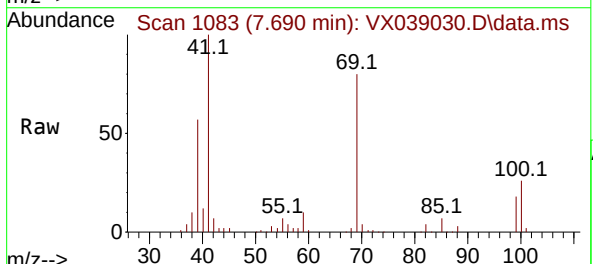
Manual Integrations
APPROVED

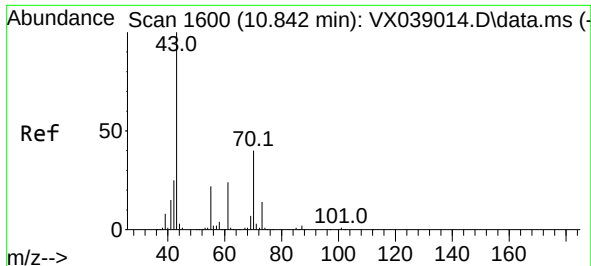
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#46
Methyl methacrylate
Concen: 19.017 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

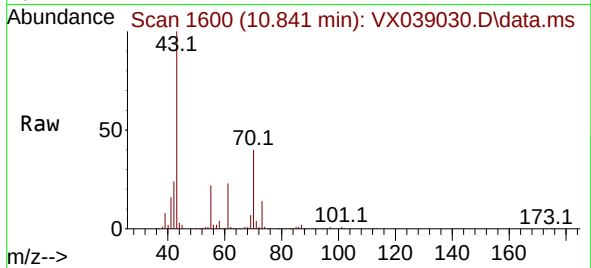
Tgt Ion: 41 Resp: 53766
Ion Ratio Lower Upper
41 100
69 80.3 39.6 118.8
39 57.0 30.1 90.3





#47
n-amyl acetate
Concen: 18.889 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

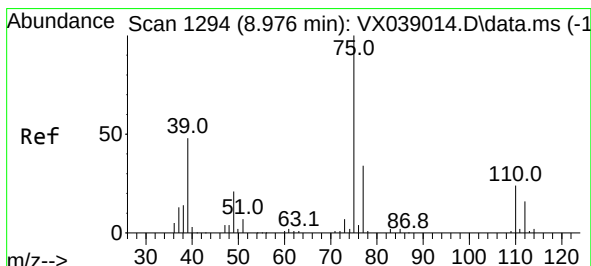
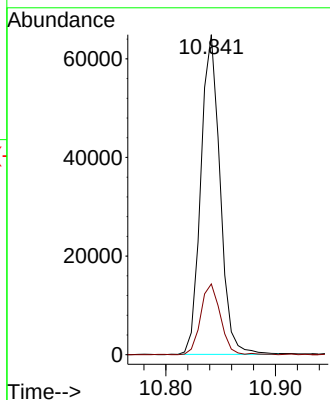
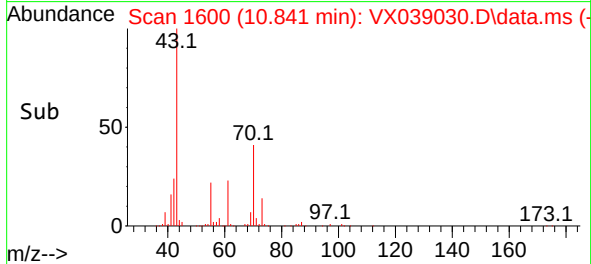
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 7905
Ion Ratio Lower Upper
43 100
55 22.5 18.2 27.2

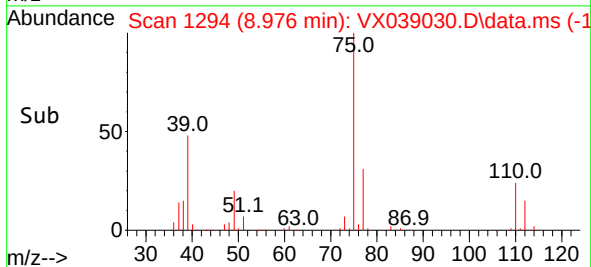
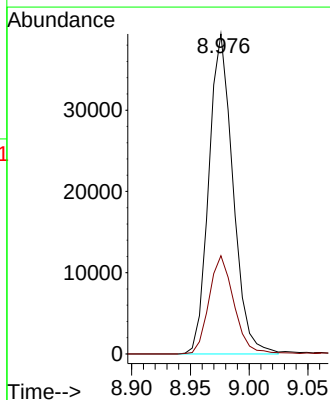
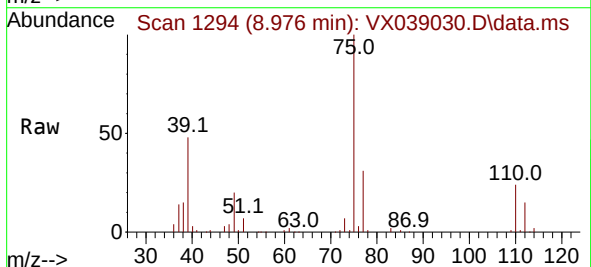
Manual Integrations
APPROVED

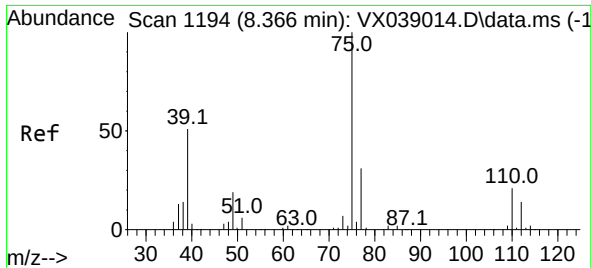
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
t-1,3-Dichloropropene
Concen: 19.224 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 75 Resp: 56294
Ion Ratio Lower Upper
75 100
77 30.7 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.279 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 58238

Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

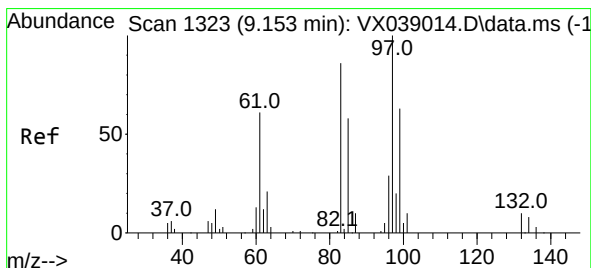
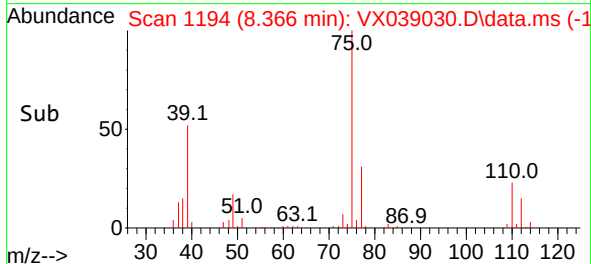
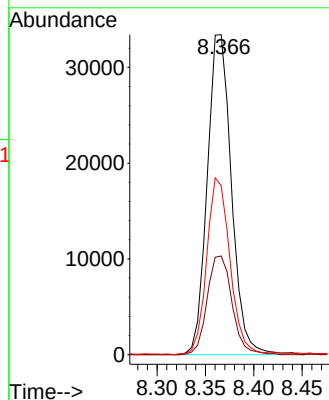
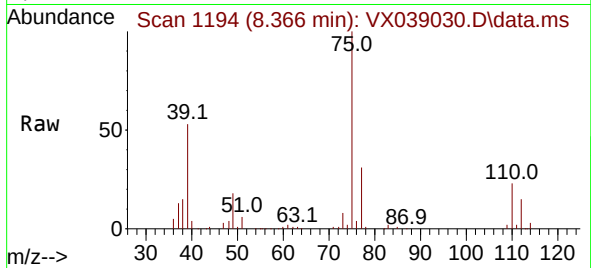
39 52.5 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

1,1,2-Trichloroethane

Concen: 19.748 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Tgt Ion: 97 Resp: 35265

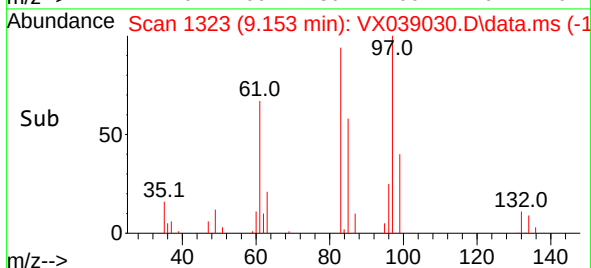
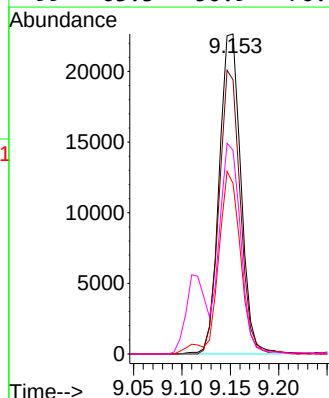
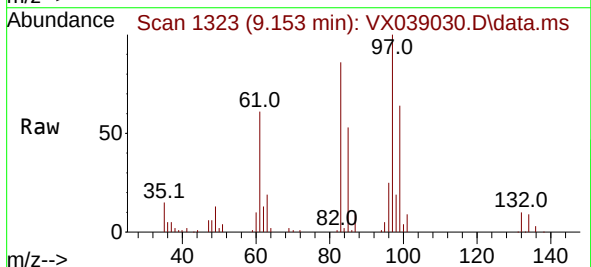
Ion Ratio Lower Upper

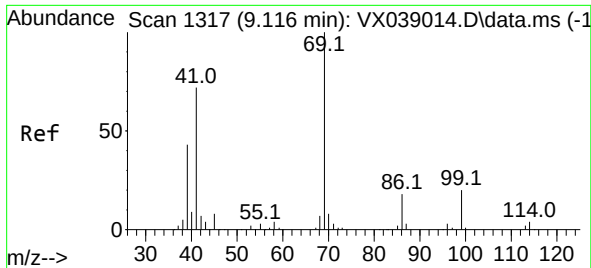
97 100

83 85.7 69.0 103.6

85 52.5 46.3 69.5

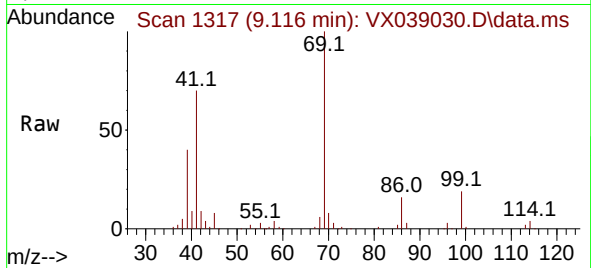
99 63.3 50.9 76.3





#51
Ethyl methacrylate
Concen: 19.334 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

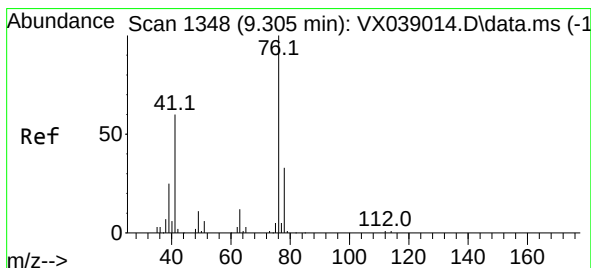
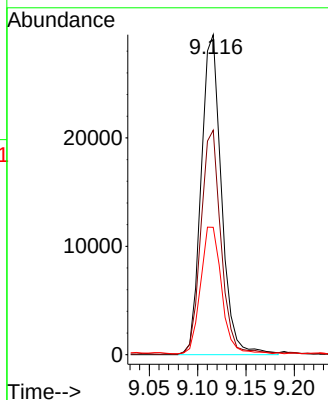
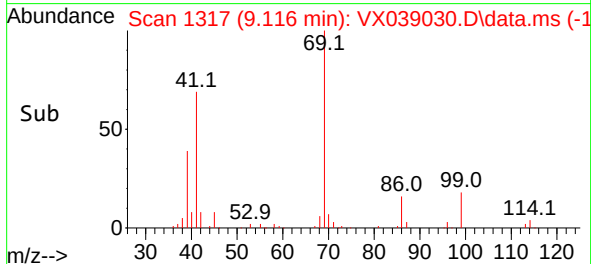
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



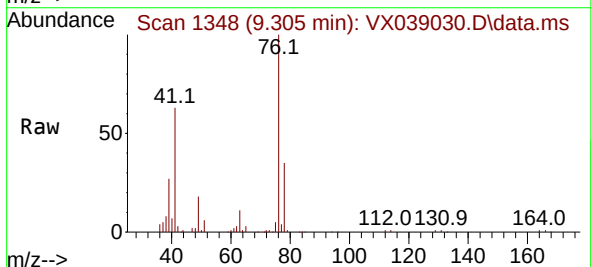
Tgt Ion: 69 Resp: 4321
Ion Ratio Lower Upper
69 100
41 69.9 36.2 108.6
39 39.5 21.1 63.4

Manual Integrations
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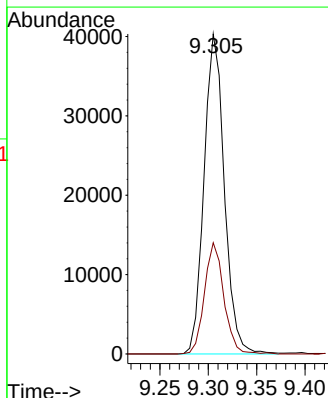
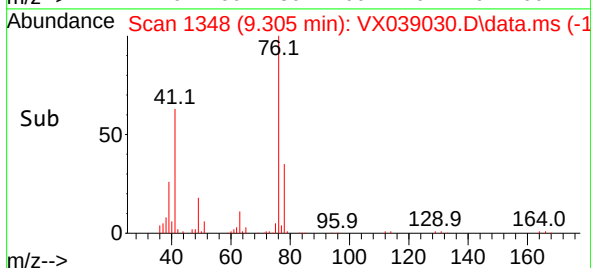
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

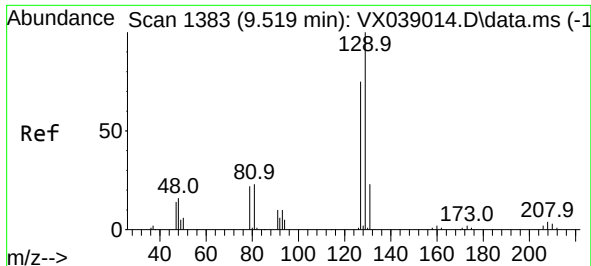


#52
1,3-Dichloropropane
Concen: 19.290 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion: 76 Resp: 59067
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





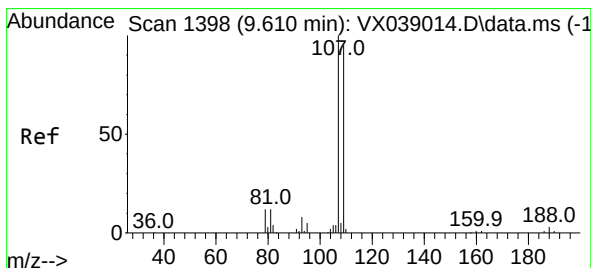
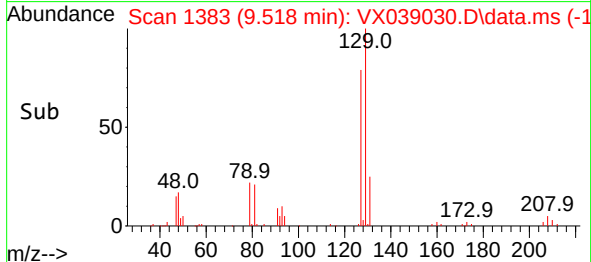
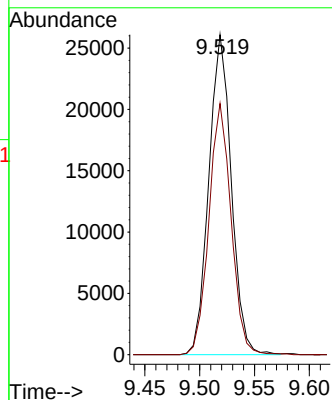
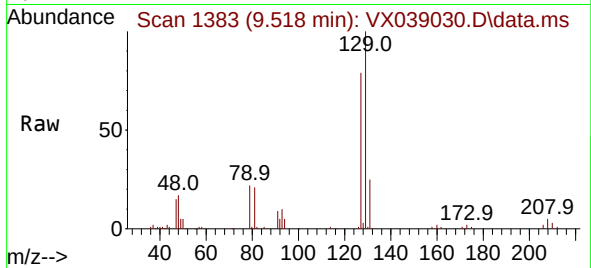
#53
Dibromochloromethane
Concen: 19.407 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 37218
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.9

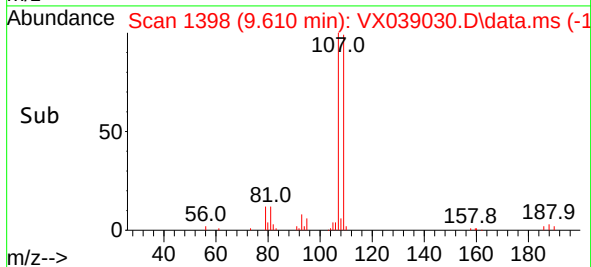
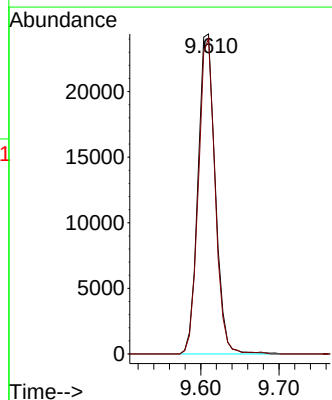
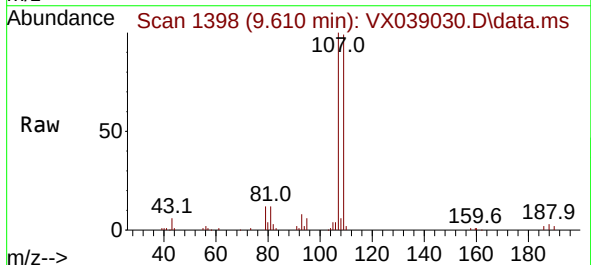
Manual Integrations
APPROVED

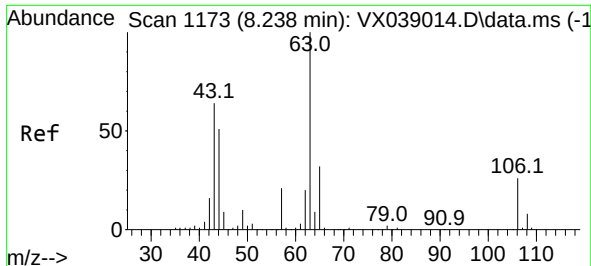
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#54
1,2-Dibromoethane
Concen: 19.093 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion:107 Resp: 37389
Ion Ratio Lower Upper
107 100
109 94.9 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 89.599 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 12694

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.6

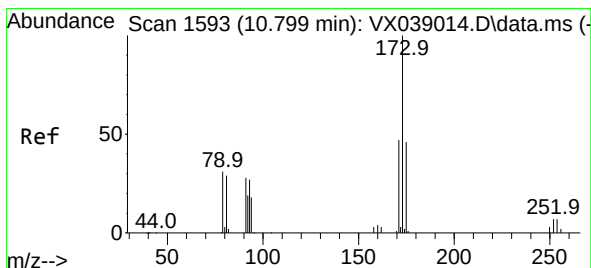
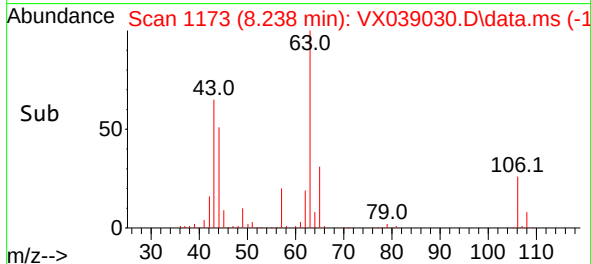
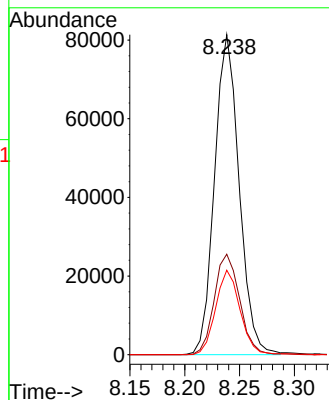
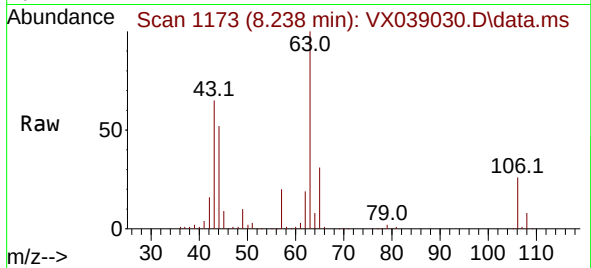
106 26.4 20.6 31.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#56

Bromoform

Concen: 19.150 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

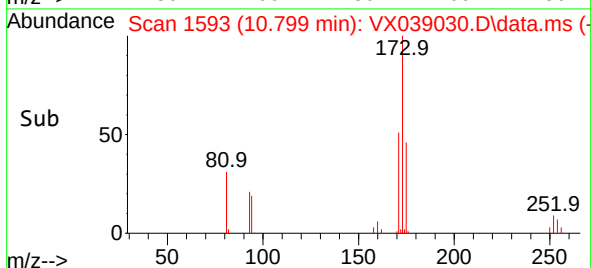
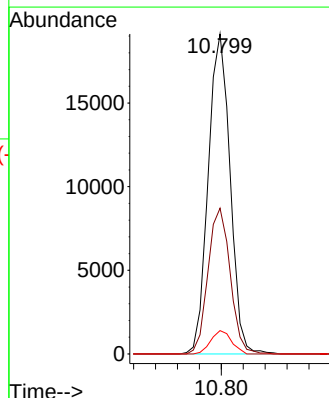
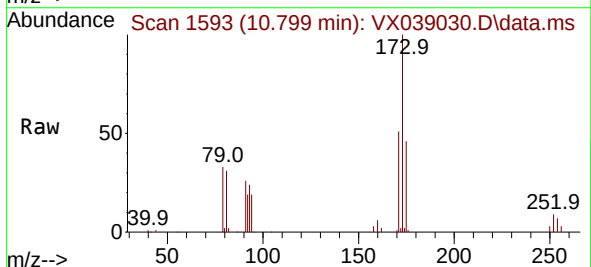
Tgt Ion:173 Resp: 26506

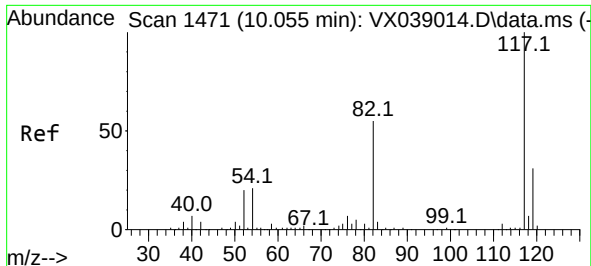
Ion Ratio Lower Upper

173 100

175 46.2 37.6 56.4

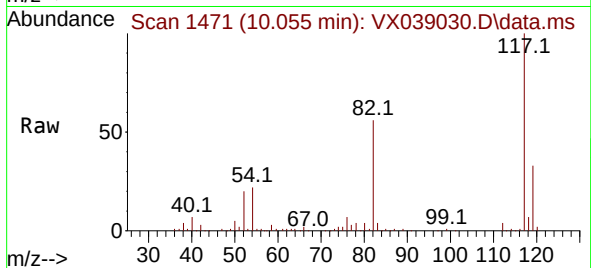
254 6.9 5.8 8.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

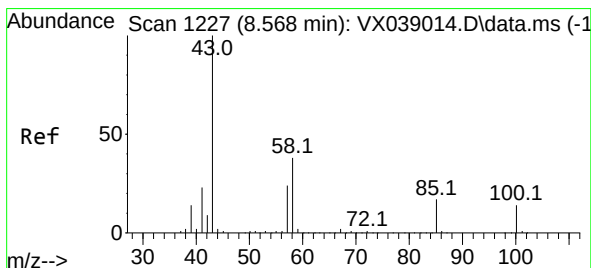
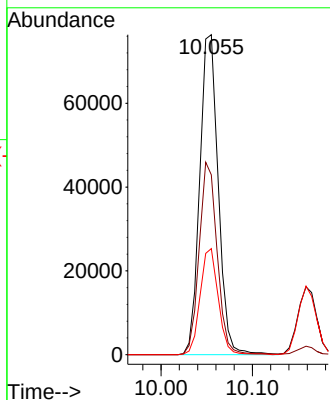
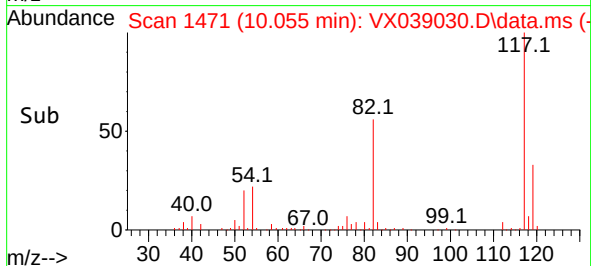
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 10729
Ion Ratio Lower Upper
117 100
82 58.3 47.0 70.6
119 32.5 25.2 37.8

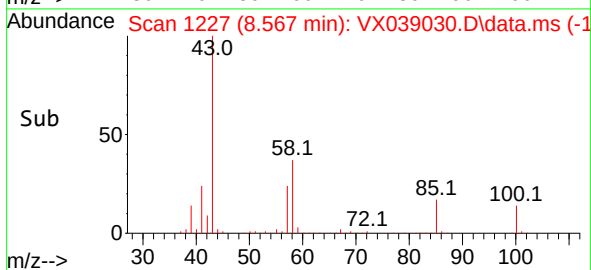
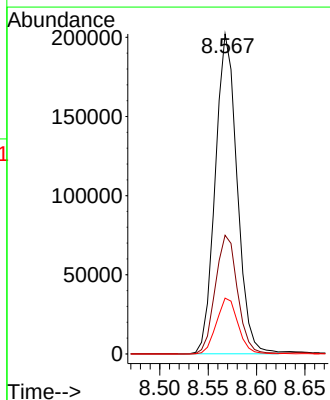
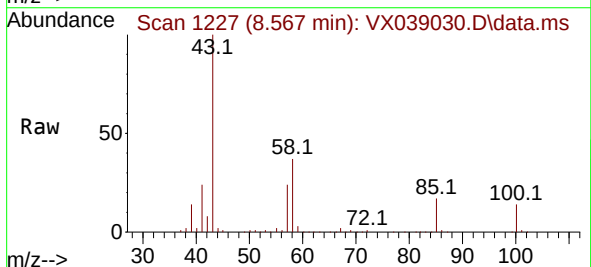
Manual Integrations
APPROVED

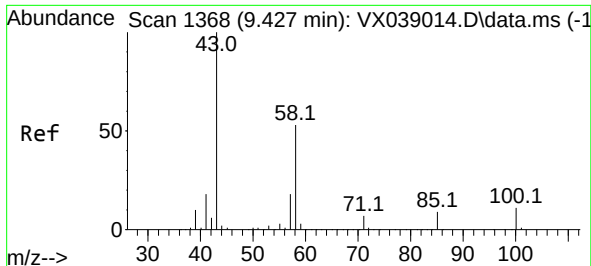
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#58
4-Methyl-2-Pentanone
Concen: 97.584 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

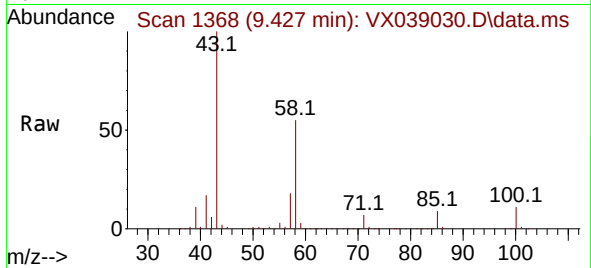
Tgt Ion: 43 Resp: 317504
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1
85 17.3 13.9 20.9





#59
2-Hexanone
Concen: 99.551 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

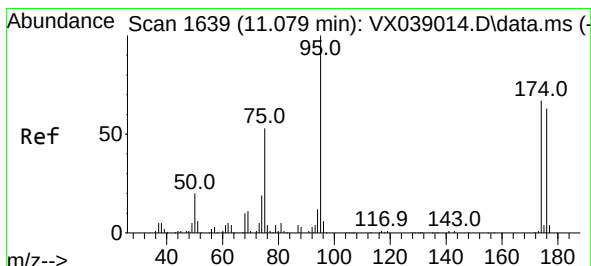
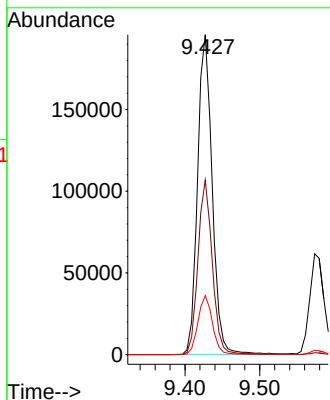
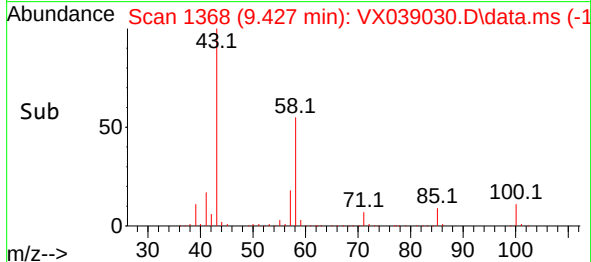
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 26587
Ion Ratio Lower Upper
43 100
58 53.6 42.7 64.1
57 18.3 14.8 22.2

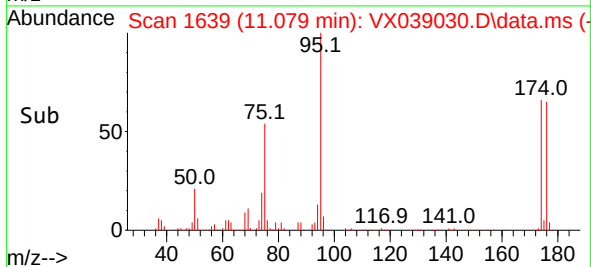
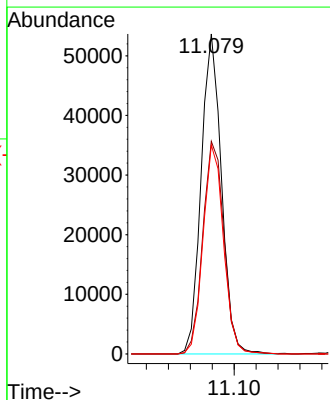
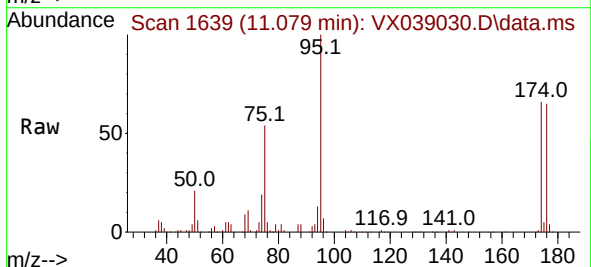
Manual Integrations
APPROVED

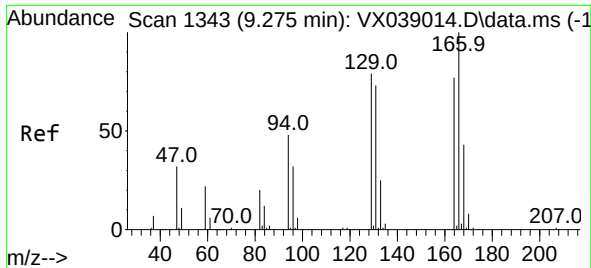
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
4-Bromofluorobenzene
Concen: 29.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

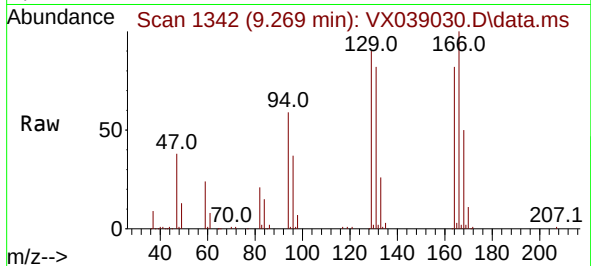
Tgt Ion: 95 Resp: 68845
Ion Ratio Lower Upper
95 100
174 69.3 55.4 83.2
176 65.8 52.6 78.8





#61
Tetrachloroethene
Concen: 19.918 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

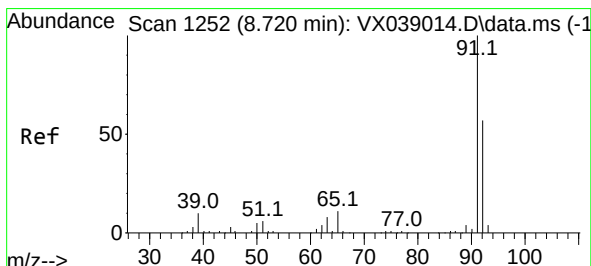
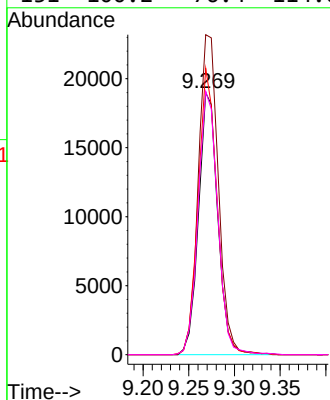
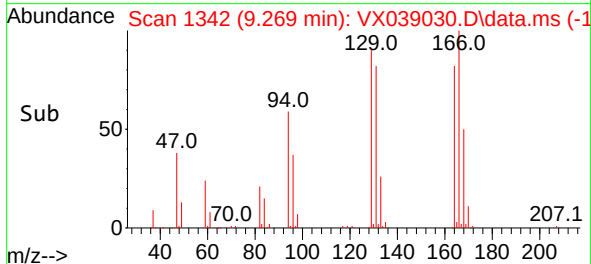
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 2778
Ion Ratio Lower Upper
164 100
166 122.1 104.0 156.0
129 109.3 82.0 123.0
131 100.2 76.4 114.6

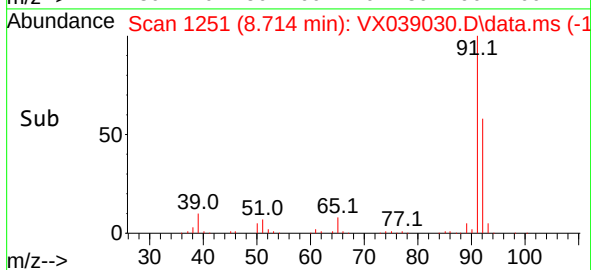
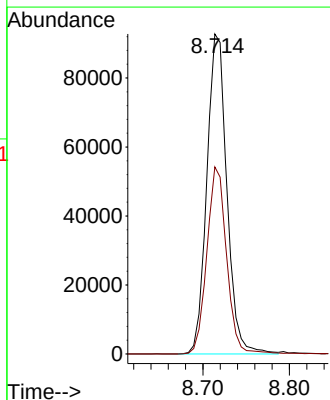
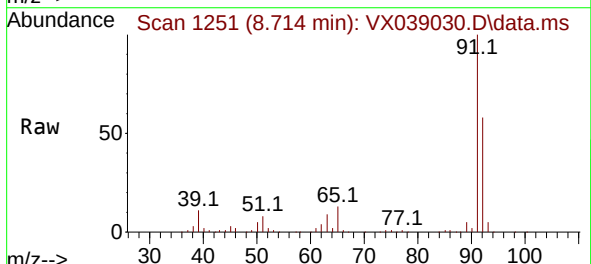
Manual Integrations
APPROVED

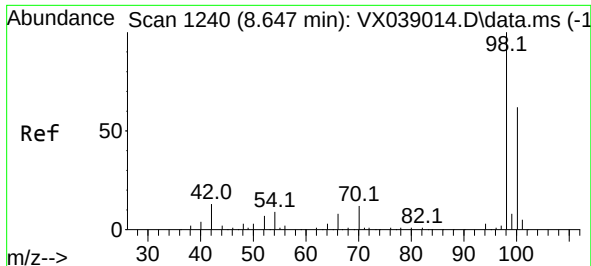
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#62
Toluene
Concen: 19.583 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

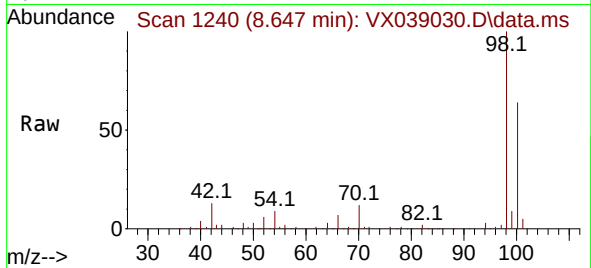
Tgt Ion: 91 Resp: 149171
Ion Ratio Lower Upper
91 100
92 57.5 45.9 68.9





#63
Toluene-d8
Concen: 29.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

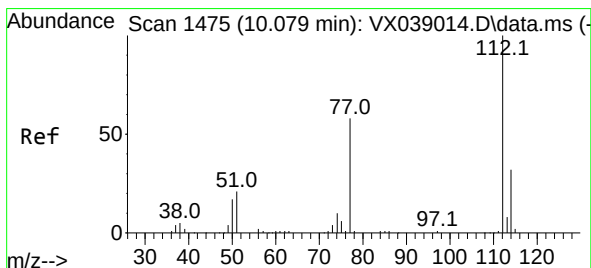
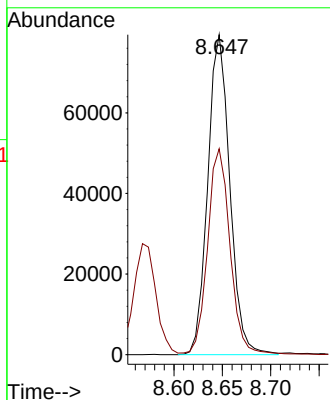
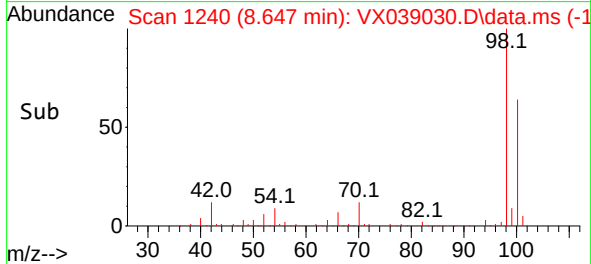
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



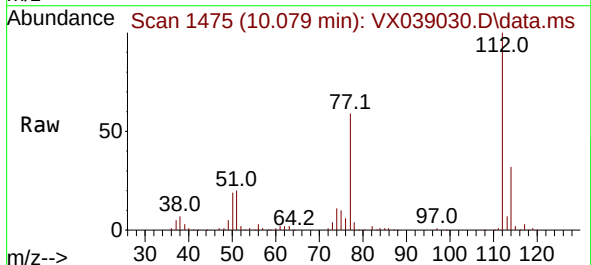
Tgt Ion: 98 Resp: 125802
Ion Ratio Lower Upper
98 100
100 65.7 51.0 76.4

Manual Integrations
APPROVED

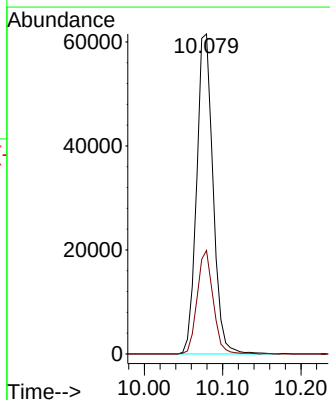
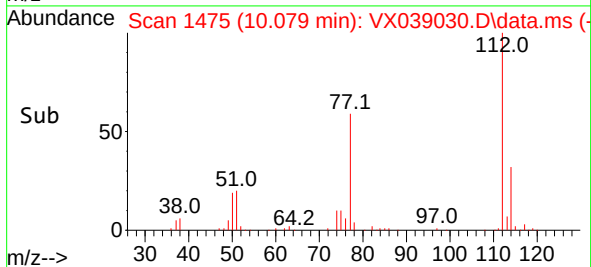
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

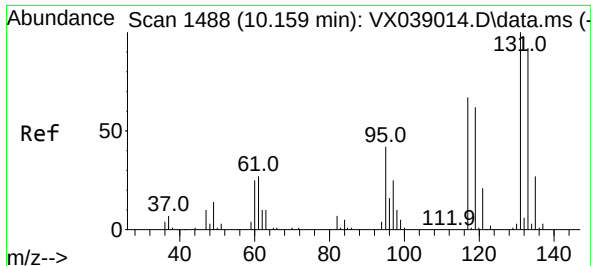


#64
Chlorobenzene
Concen: 19.353 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion:112 Resp: 89673
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9





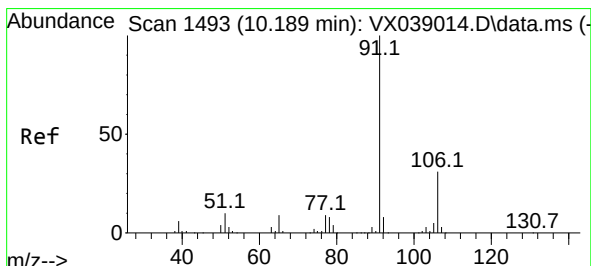
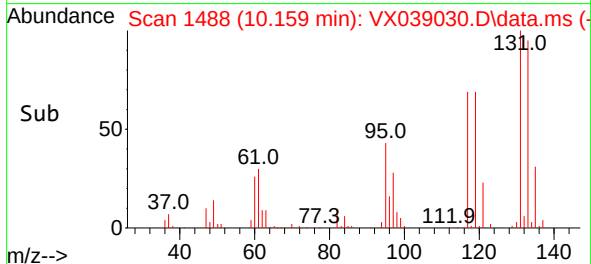
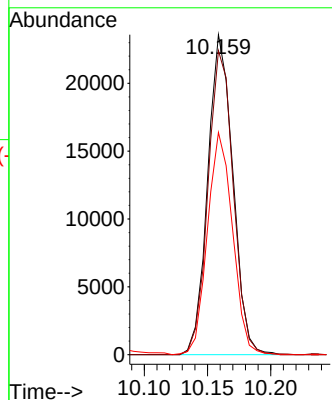
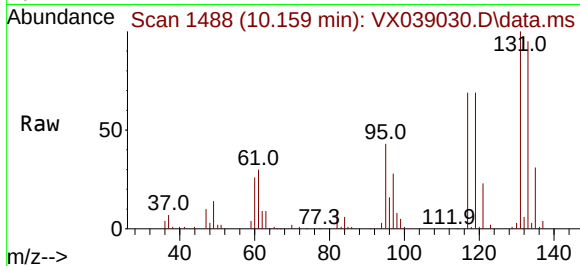
#65
1,1,1,2-Tetrachloroethane
Concen: 19.539 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 32608
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.8
119 69.3 0.0 135.4

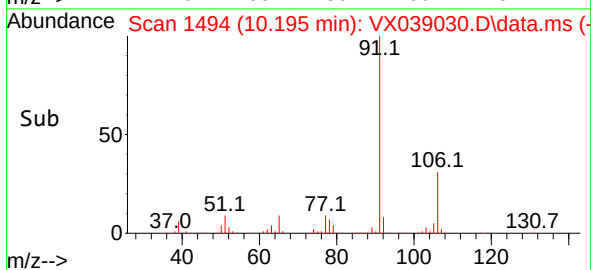
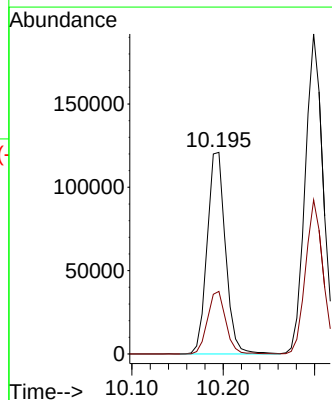
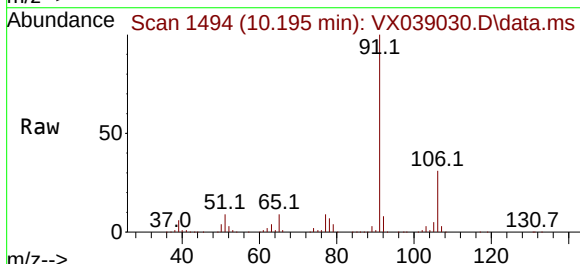
Manual Integrations
APPROVED

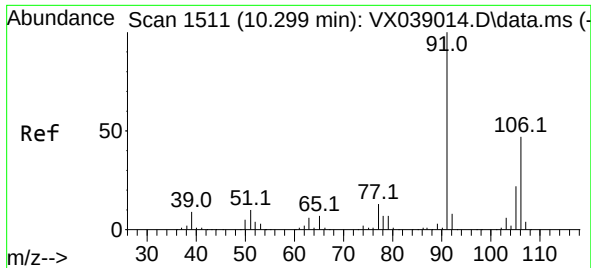
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
Ethyl Benzene
Concen: 19.434 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 91 Resp: 168572
Ion Ratio Lower Upper
91 100
106 31.0 24.4 36.6





#67

m/p-Xylenes

Concen: 39.002 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:106 Resp: 125010

Ion Ratio Lower Upper

106 100

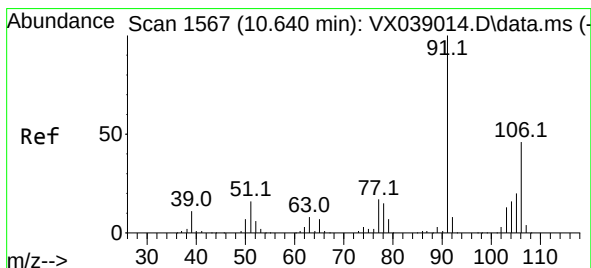
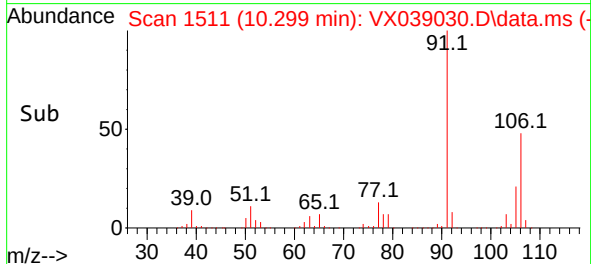
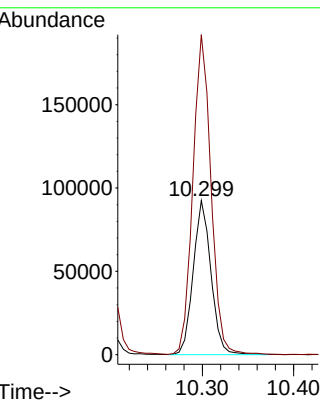
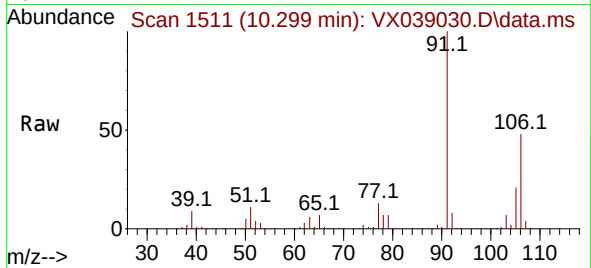
91 212.1 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#68

o-Xylene

Concen: 19.428 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039030.D

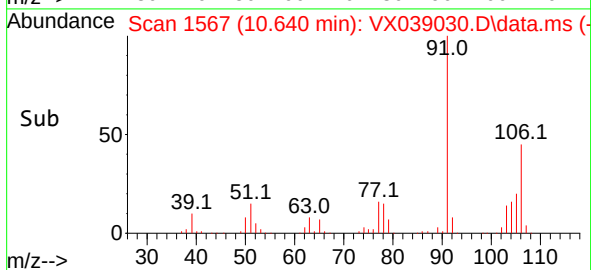
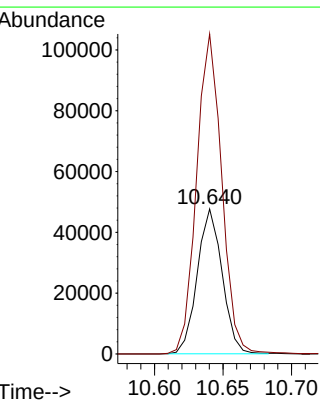
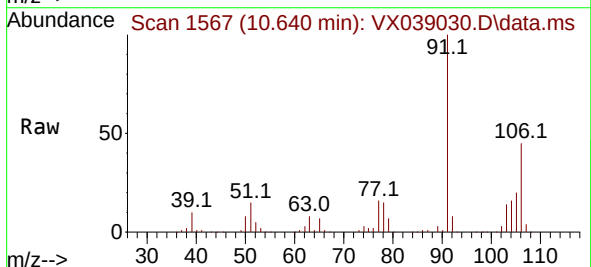
Acq: 27 Nov 2023 10:21

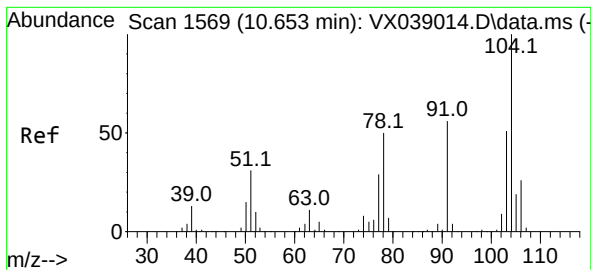
Tgt Ion:106 Resp: 60318

Ion Ratio Lower Upper

106 100

91 223.1 111.2 333.6





#69

Styrene

Concen: 19.138 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

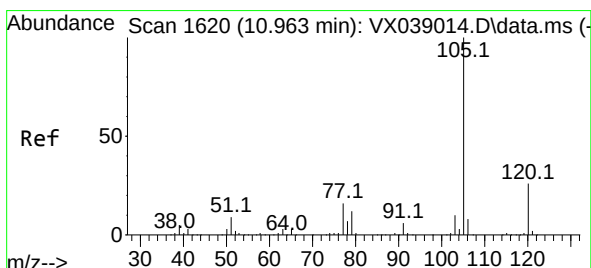
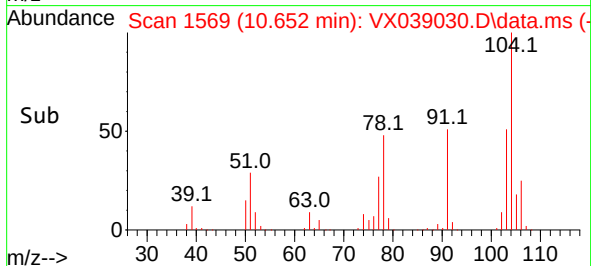
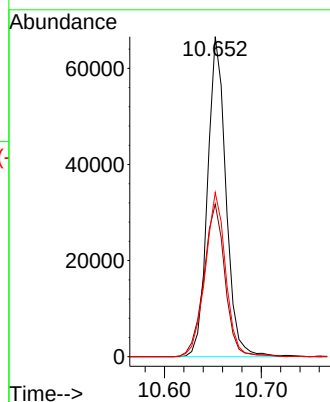
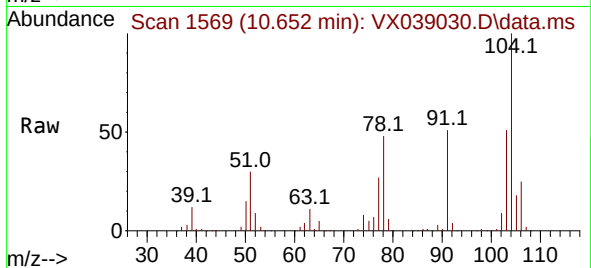
Tgt Ion:104 Resp: 87930
 Ion Ratio Lower Upper
 104 100
 78 54.6 43.7 65.5
 103 57.3 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#70

Isopropylbenzene

Concen: 19.594 ug/l

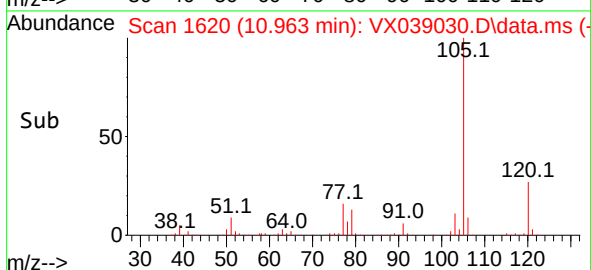
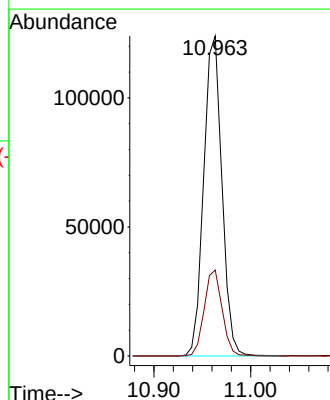
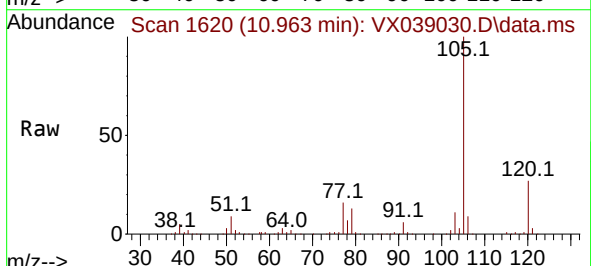
RT: 10.963 min Scan# 1620

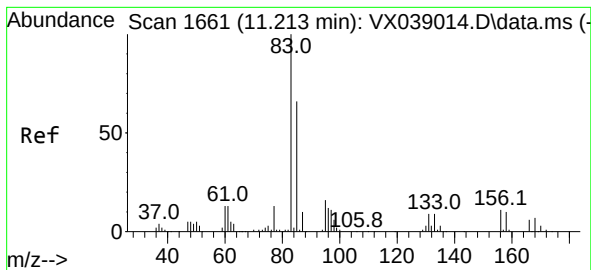
Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Tgt Ion:105 Resp: 162764
 Ion Ratio Lower Upper
 105 100
 120 26.4 18.5 34.3





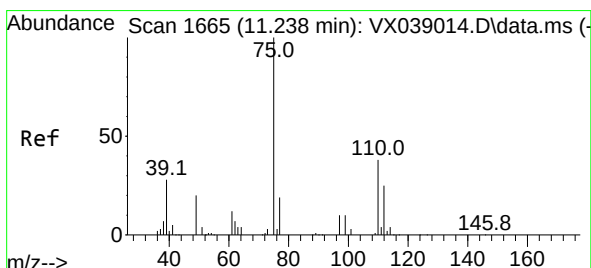
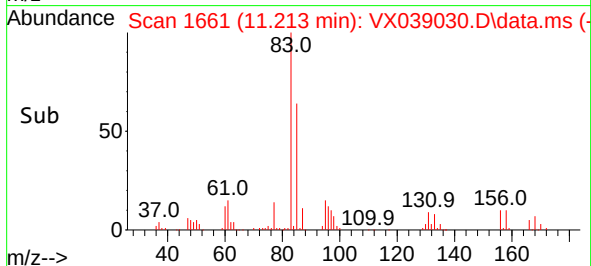
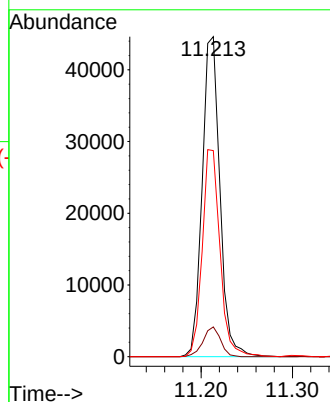
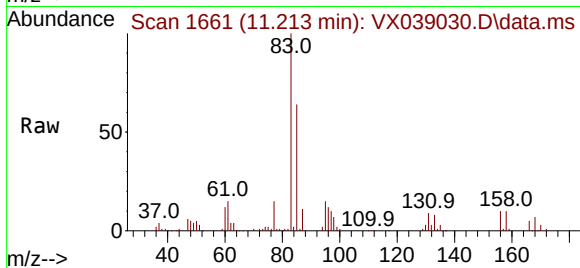
#71
1,1,2,2-Tetrachloroethane
Concen: 19.340 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5997
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 64.9 32.5 97.4

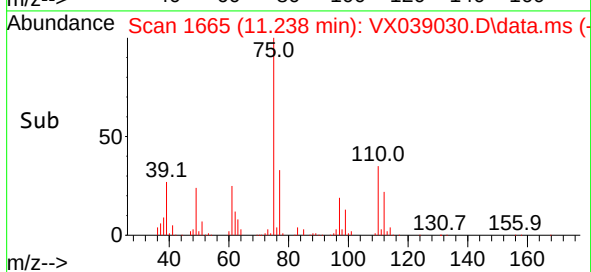
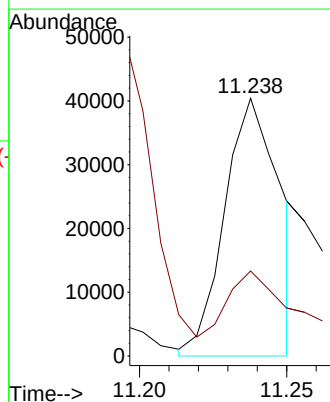
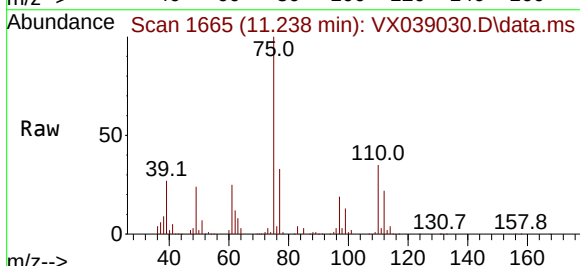
Manual Integrations
APPROVED

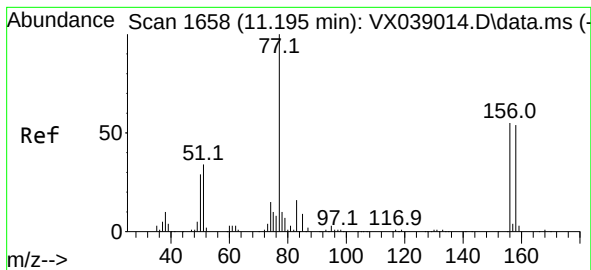
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#72
1,2,3-Trichloropropane
Concen: 20.049 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 75 Resp: 52610
Ion Ratio Lower Upper
75 100
77 43.4 0.0 76.4





#73

Bromobenzene

Concen: 19.417 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

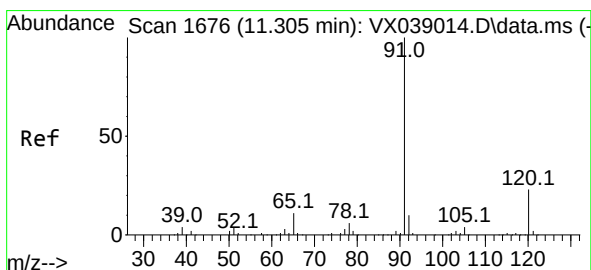
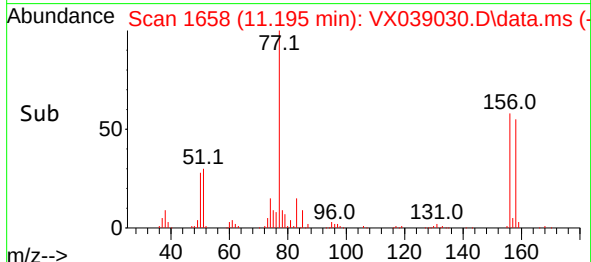
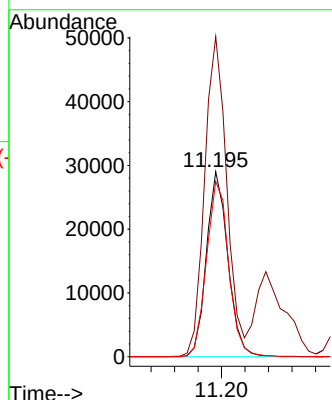
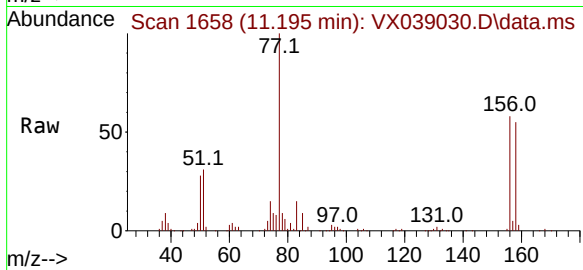
Tgt Ion:	156	Resp:	3672
Ion Ratio	Lower	Upper	
156	100		
77	177.3	0.0	363.2
158	97.7	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#74

n-propylbenzene

Concen: 19.443 ug/l

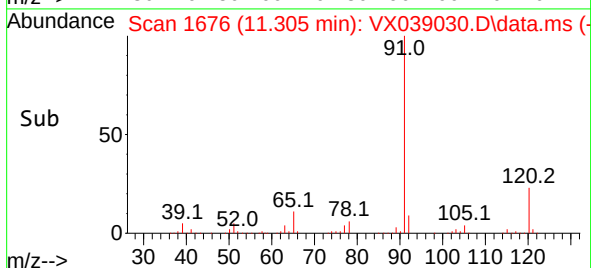
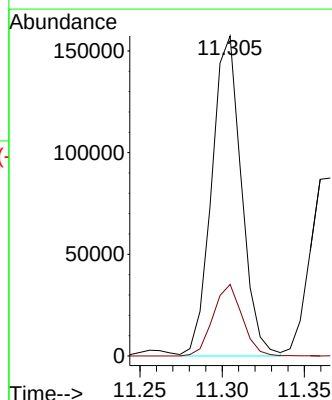
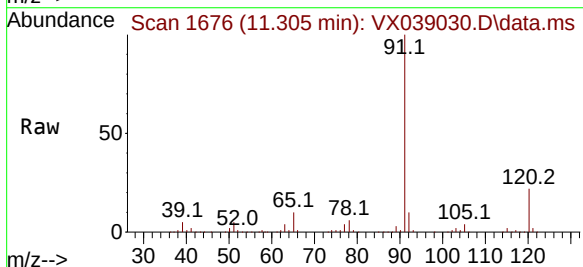
RT: 11.305 min Scan# 1676

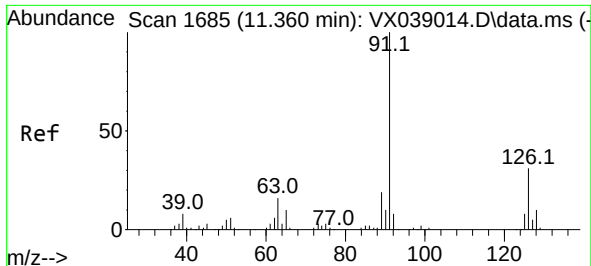
Delta R.T. -0.000 min

Lab File: VX039030.D

Acq: 27 Nov 2023 10:21

Tgt Ion:	91	Resp:	197881
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.4





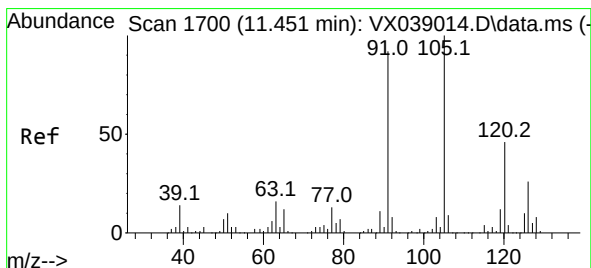
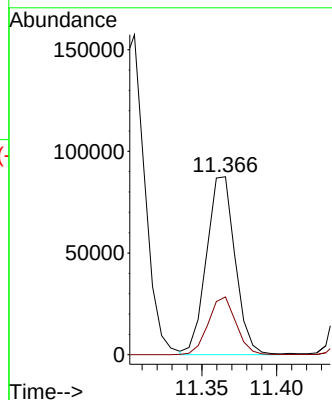
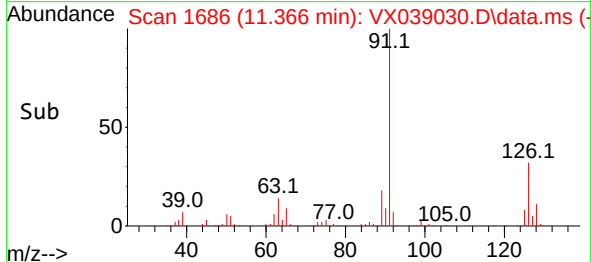
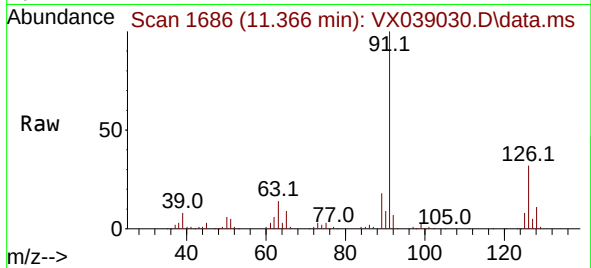
#75
2-Chlorotoluene
Concen: 19.571 ug/l
RT: 11.366 min Scan# 11685
Delta R.T. 0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 11685
Ion Ratio Lower Upper
91 100
126 31.3 0.0 64.2

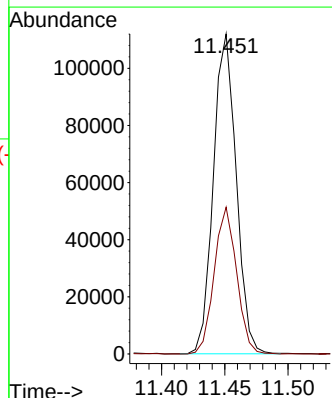
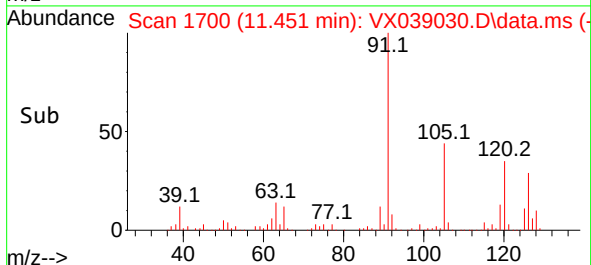
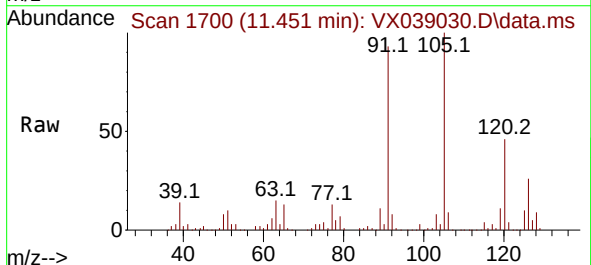
Manual Integrations
APPROVED

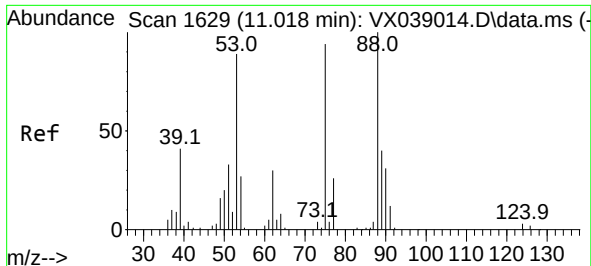
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.653 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion:105 Resp: 140642
Ion Ratio Lower Upper
105 100
120 45.0 0.0 92.6





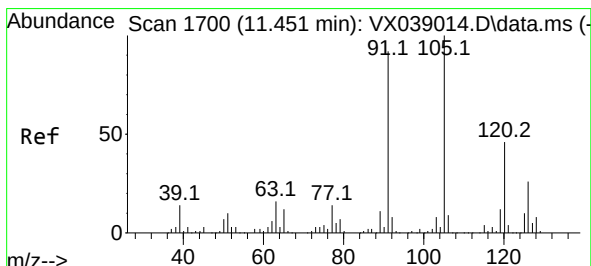
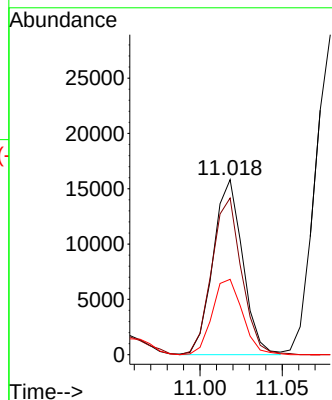
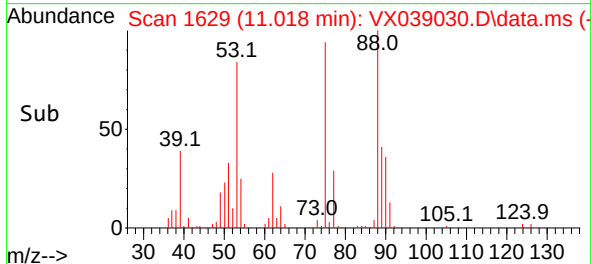
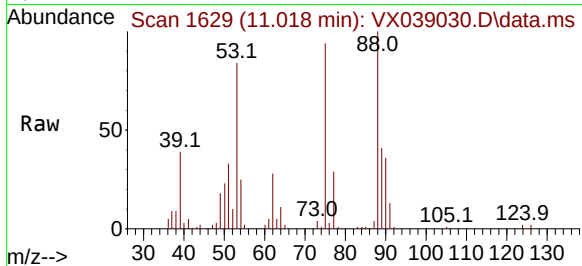
#77
t-1,4-Dichloro-2-butene
Concen: 19.105 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 1986
Ion Ratio Lower Upper
75 100
53 89.9 46.9 140.8
89 43.2 21.3 63.7

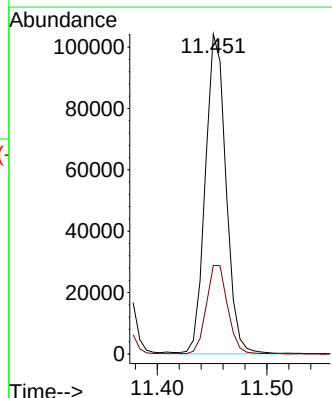
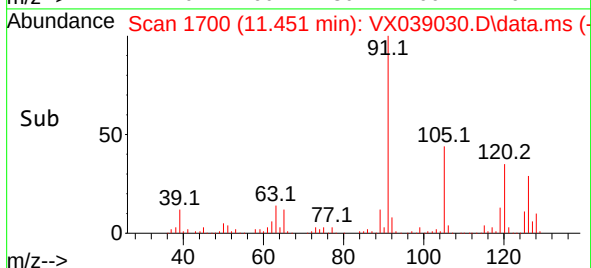
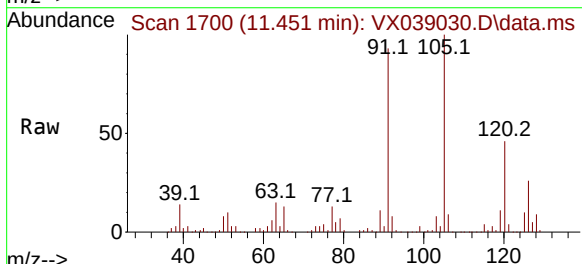
Manual Integrations
APPROVED

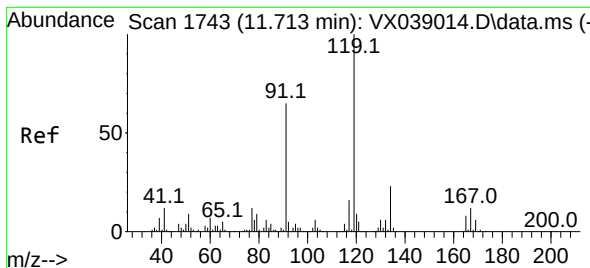
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#78
4-Chlorotoluene
Concen: 19.413 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Tgt Ion: 91 Resp: 136287
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.4





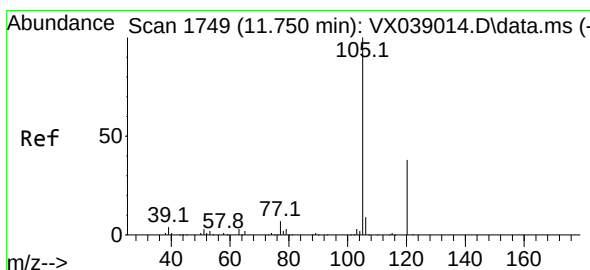
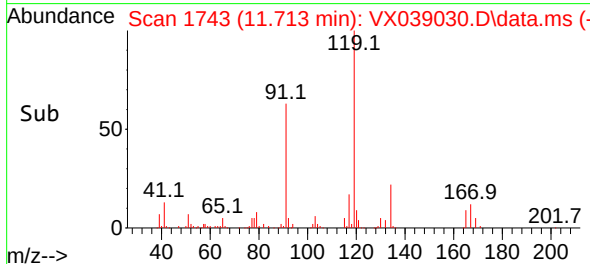
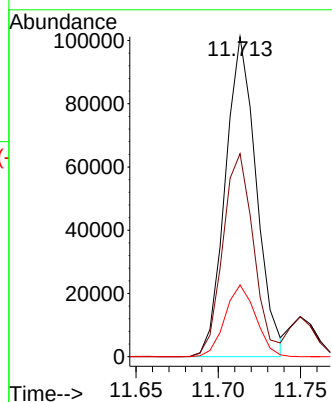
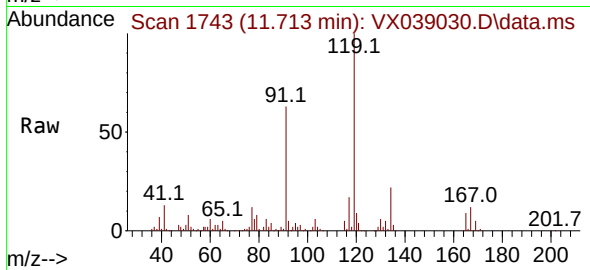
#79
tert-butylbenzene
Concen: 19.451 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 13236
Ion Ratio Lower Upper
119 100
91 63.5 0.0 125.6
134 22.2 0.0 43.8

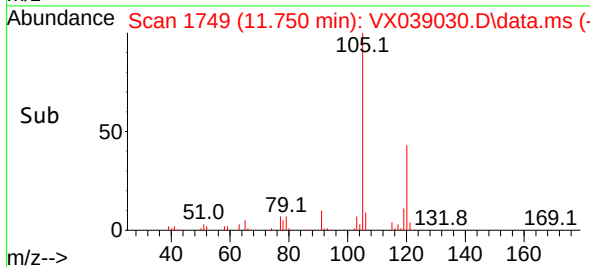
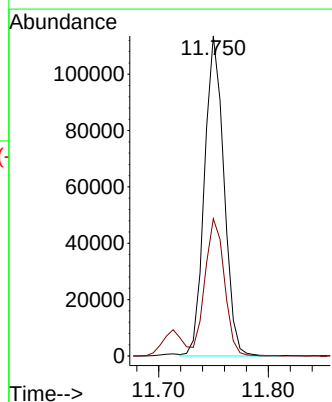
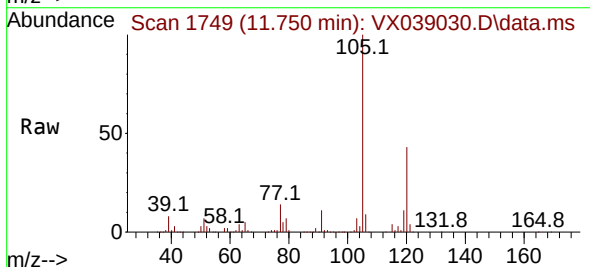
Manual Integrations
APPROVED

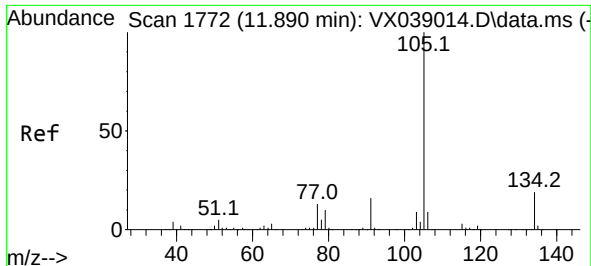
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.539 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

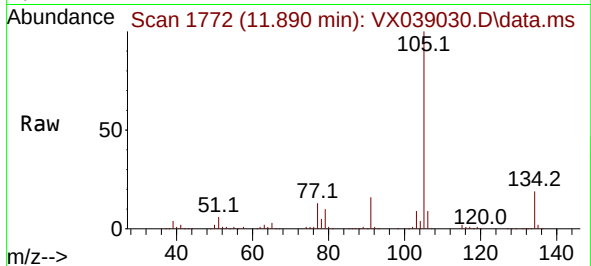
Tgt Ion:105 Resp: 139945
Ion Ratio Lower Upper
105 100
120 42.5 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 19.647 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039030.D
 Acq: 27 Nov 2023 10:21

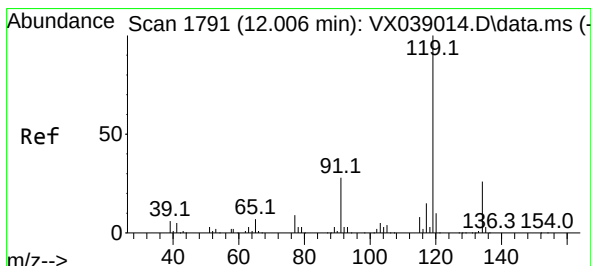
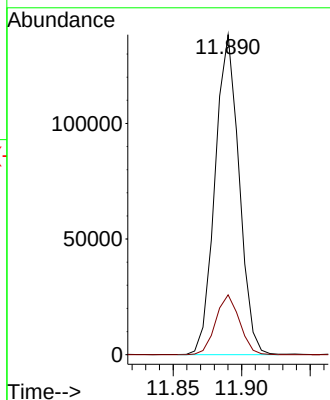
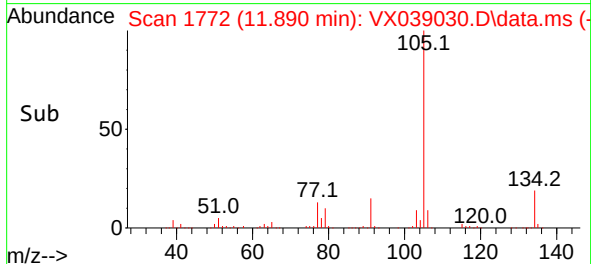
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



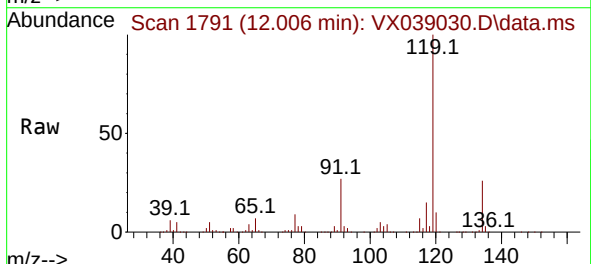
Tgt Ion:105 Resp: 16901
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.4

Manual Integrations
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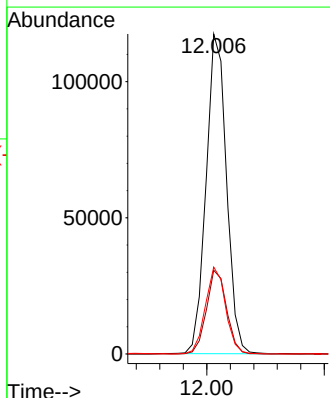
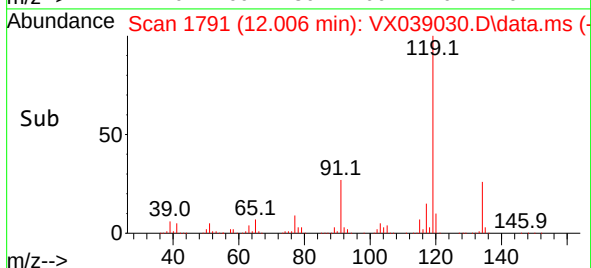
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

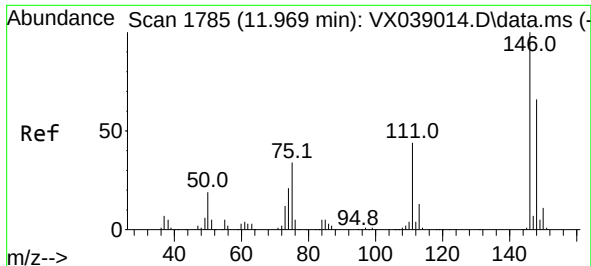


#82
 p-Isopropyltoluene
 Concen: 19.433 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX039030.D
 Acq: 27 Nov 2023 10:21



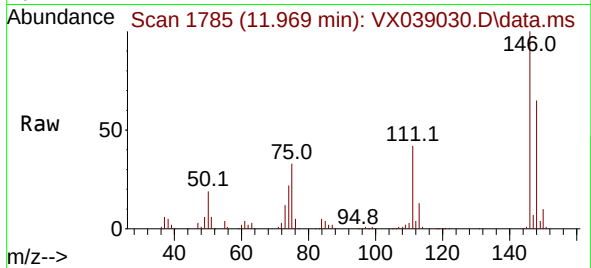
Tgt Ion:119 Resp: 141681
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.6
 91 26.9 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 19.642 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

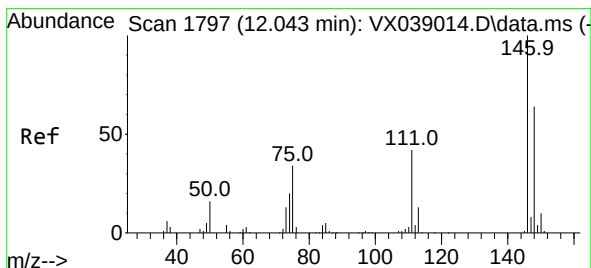
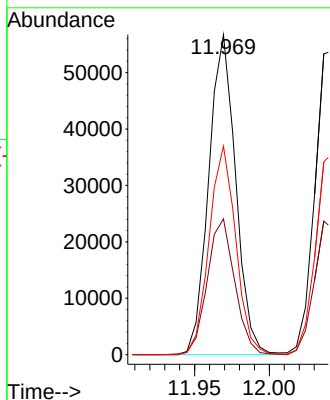
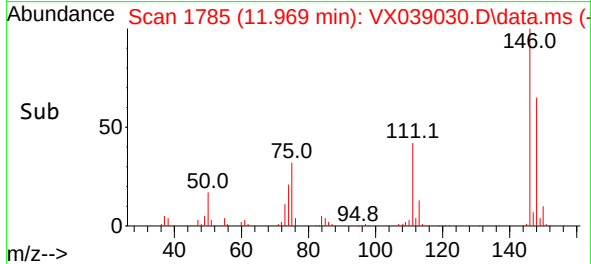
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



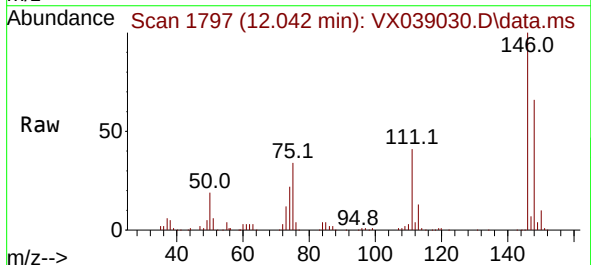
Tgt Ion:146 Resp: 7109
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.9
148 64.6 32.8 98.3

Manual Integrations
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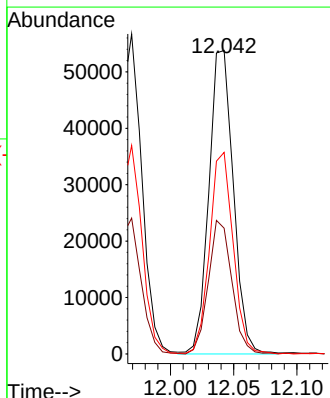
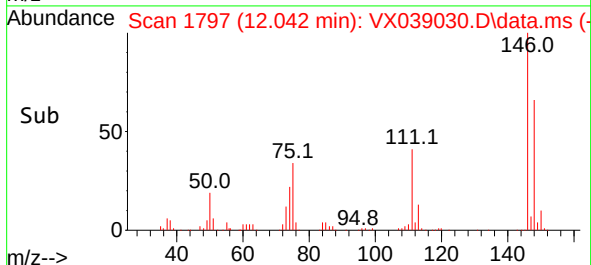
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

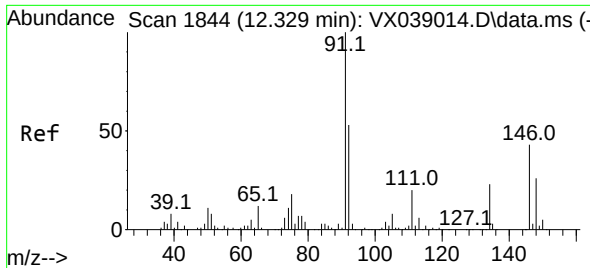


#84
1,4-Dichlorobenzene
Concen: 19.490 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



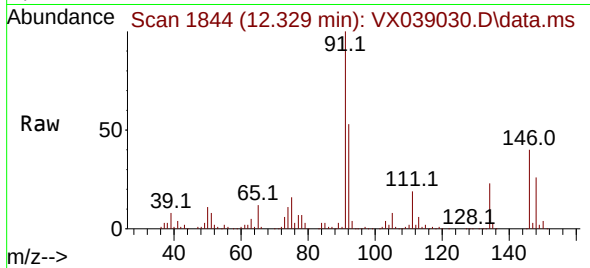
Tgt Ion:146 Resp: 72382
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.0 31.8 95.4





#85
n-Butylbenzene
Concen: 19.282 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

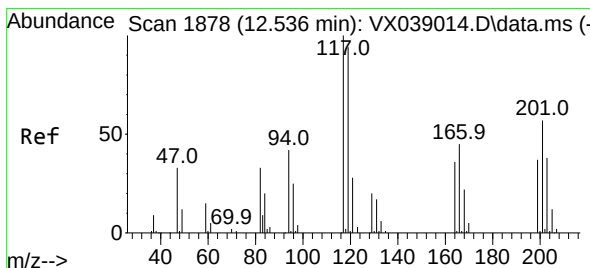
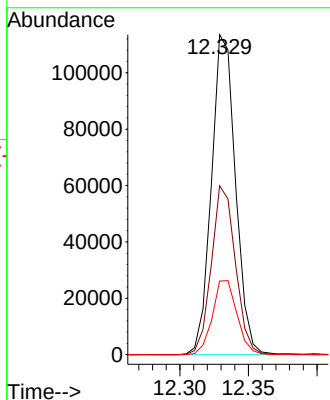
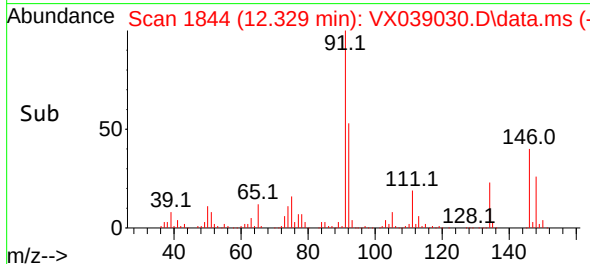
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 13883
Ion Ratio Lower Upper
91 100
92 52.8 0.0 106.2
134 23.6 0.0 48.8

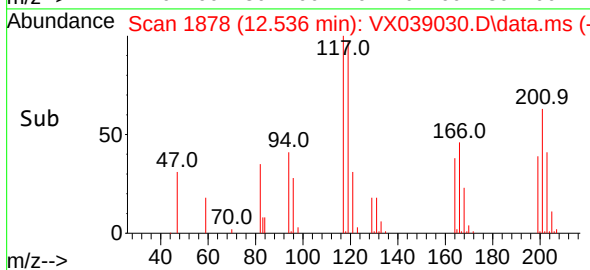
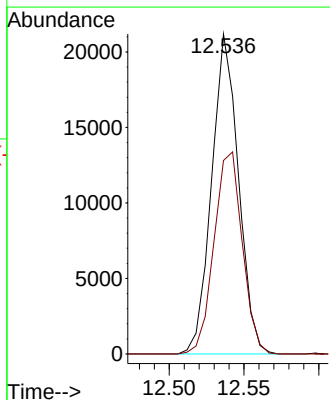
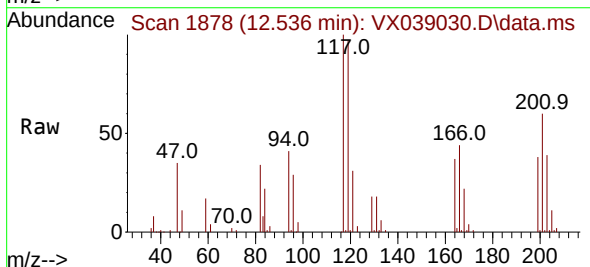
Manual Integrations
APPROVED

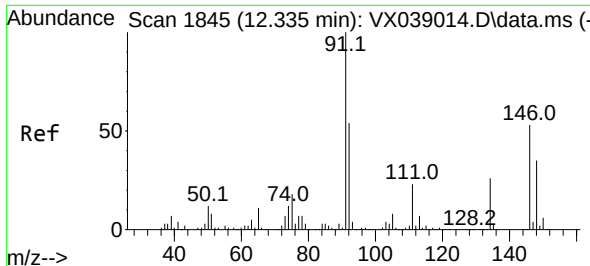
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#86
Hexachloroethane
Concen: 19.132 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

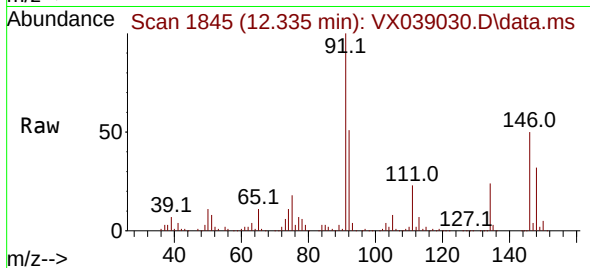
Tgt Ion:117 Resp: 26430
Ion Ratio Lower Upper
117 100
201 66.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 19.374 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

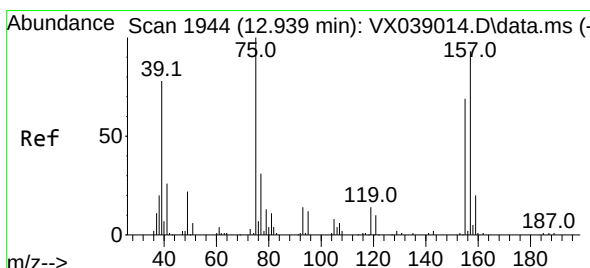
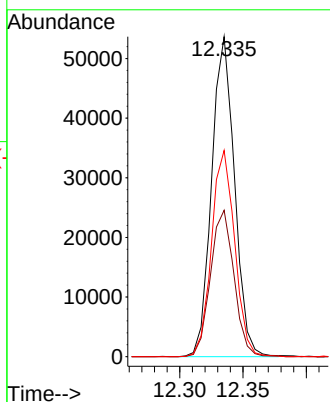
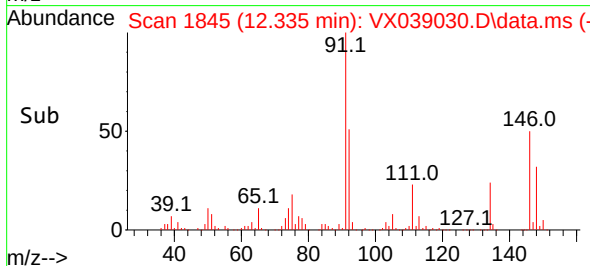
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



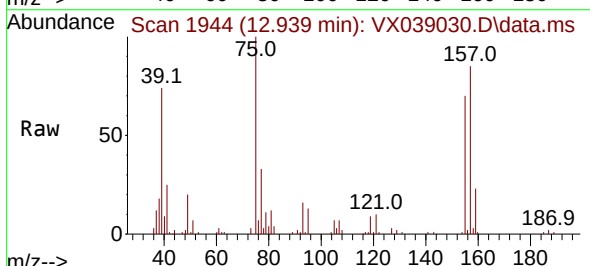
Tgt Ion:146 Resp: 67429
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.2
148 65.2 31.9 95.7

Manual Integrations
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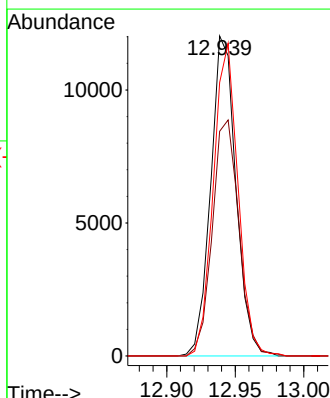
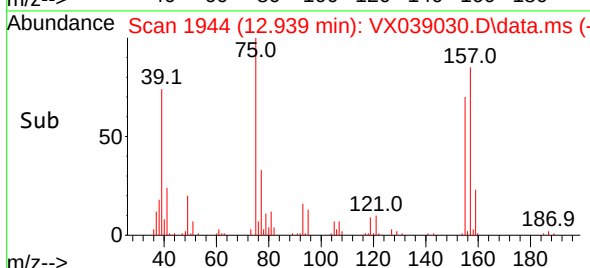
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

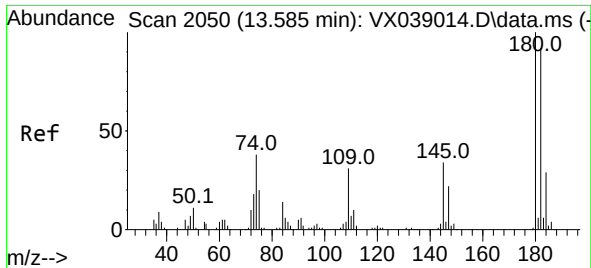


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.433 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



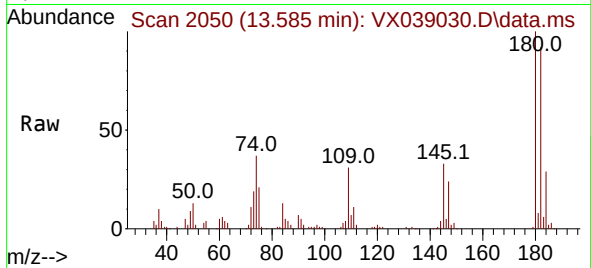
Tgt Ion: 75 Resp: 15412
Ion Ratio Lower Upper
75 100
155 77.5 58.2 87.4
157 95.1 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.382 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

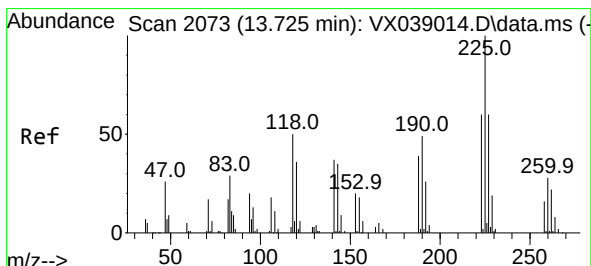
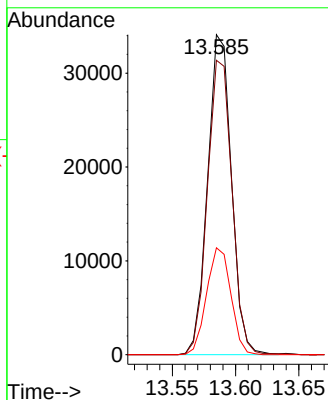
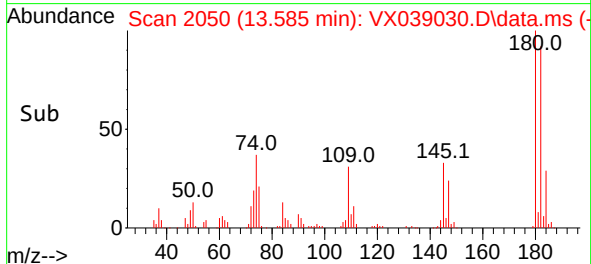
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



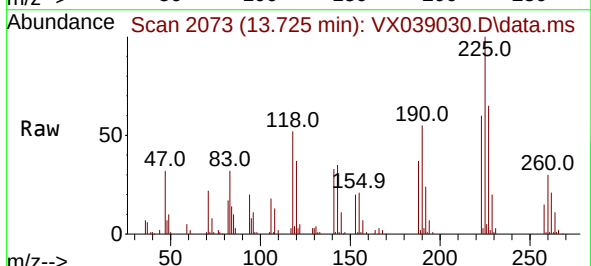
Tgt Ion:180 Resp: 44724
Ion Ratio Lower Upper
180 100
182 94.7 74.5 111.7
145 34.0 26.6 40.0

Manual Integrations
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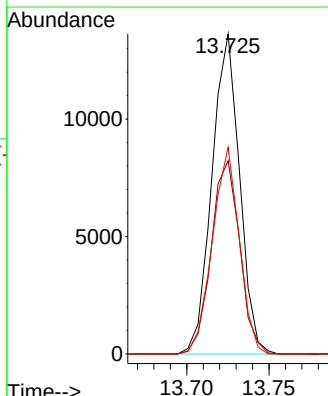
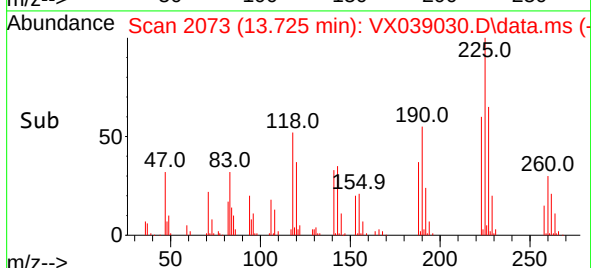
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

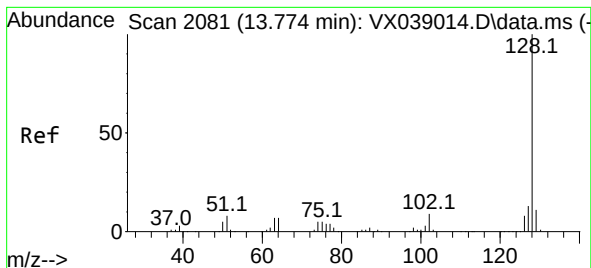


#90
Hexachlorobutadiene
Concen: 19.338 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



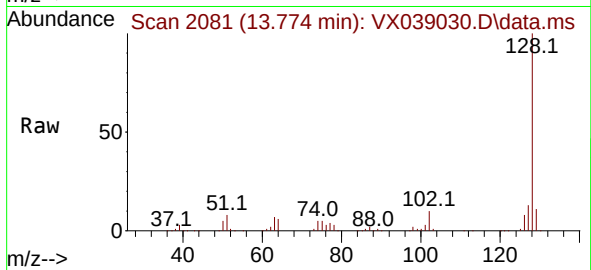
Tgt Ion:225 Resp: 15933
Ion Ratio Lower Upper
225 100
223 62.2 0.0 124.4
227 62.9 0.0 124.4





#91
Naphthalene
Concen: 18.801 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21

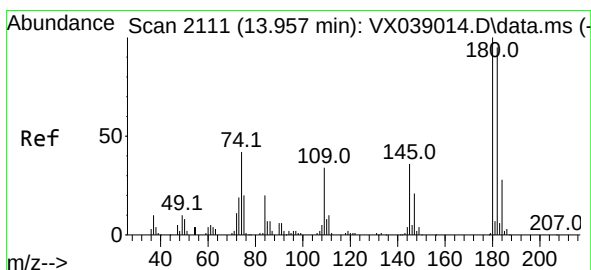
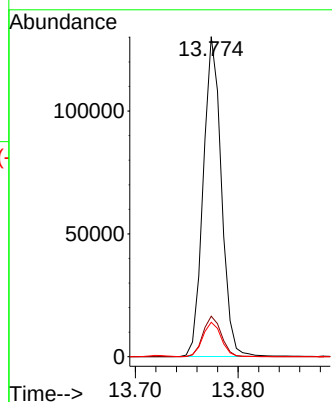
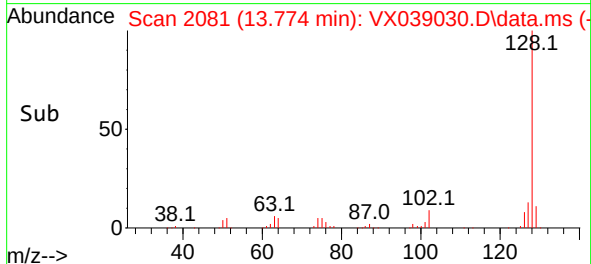
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



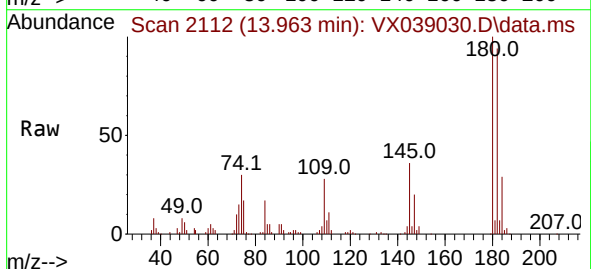
Tgt Ion:128 Resp: 16000
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.576 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039030.D
Acq: 27 Nov 2023 10:21



Tgt Ion:180 Resp: 43755
Ion Ratio Lower Upper
180 100
182 94.9 0.0 191.6
145 35.9 0.0 69.6

