

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039028.D
 Acq On : 24 Nov 2023 16:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/27/2023
 Supervised By : Mahesh Dadoda 11/27/2023

Quant Time: Nov 27 03:29:44 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	9509	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77765	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98331	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	42872	32.956	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 109.867%			
60) 4-Bromofluorobenzene	11.079	95	63484	29.559	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.533%			
63) Toluene-d8	8.646	98	118849	30.571	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	30237	21.245	ug/l	98
3) Chloromethane	1.294	50	34565	21.210	ug/l	95
4) Vinyl Chloride	1.373	62	35306	21.460	ug/l	98
5) Bromomethane	1.605	94	24066	23.916	ug/l	99
6) Chloroethane	1.690	64	21153	22.079	ug/l	99
7) Trichlorofluoromethane	1.891	101	48339	21.288	ug/l	92
8) Diethyl Ether	2.129	74	18728	21.486	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.330	101	26483	20.639	ug/l	98
10) 1,1-Dichloroethene	2.318	96	27524	21.280	ug/l	91
11) Methyl Iodide	2.452	142	29430	20.764	ug/l	99
12) Methyl Acetate	2.702	43	92892	23.027	ug/l	100
13) Acrolein	2.233	56	34418	97.392	ug/l	100
14) Acrylonitrile	3.062	53	109438	110.918	ug/l	100
15) Acetone	2.373	58	31898	88.941	ug/l	95
16) Carbon Disulfide	2.513	76	83359	21.280	ug/l	98
17) Allyl chloride	2.666	41	56534	22.018	ug/l	98
18) Methylene Chloride	2.788	84	32937	21.483	ug/l	95
19) trans-1,2-Dichloroethene	3.092	96	30752	21.022	ug/l	96
20) Diisopropyl ether	3.757	45	107092	21.917	ug/l	98
21) 1,1-Dichloroethane	3.611	63	59709	21.978	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	35689	21.051	ug/l	97
23) tert-Butyl Alcohol	2.952	59	59026	108.064	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	102029	21.413	ug/l	96
25) Chloroform	5.092	83	58971	21.627	ug/l	94
26) Cyclohexane	5.470	56	52665	21.418	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	44612	20.465	ug/l	98
30) 2-Butanone	4.550	43	162314	98.894	ug/l	99
31) 2,2-Dichloropropane	4.476	77	46703	18.737	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	50945	20.219	ug/l	98
33) Carbon Tetrachloride	5.677	117	42610	20.077	ug/l	95
34) Benzene	6.037	78	131012	20.631	ug/l	99
35) Methacrylonitrile	4.921	41	30939	21.281	ug/l	95
36) 1,2-Dichloroethane	6.086	62	48424	20.782	ug/l	100
37) Trichloroethene	7.128	130	31668	19.648	ug/l	99
38) Methylcyclohexane	7.378	83	55122	20.294	ug/l	99
39) 1,2-Dichloropropane	7.427	63	35294	21.074	ug/l	98
40) Dibromomethane	7.579	93	24015	20.294	ug/l	96
41) Bromodichloromethane	7.823	83	46052	20.257	ug/l	99
42) Vinyl Acetate	3.720	43	403986	103.341	ug/l	99

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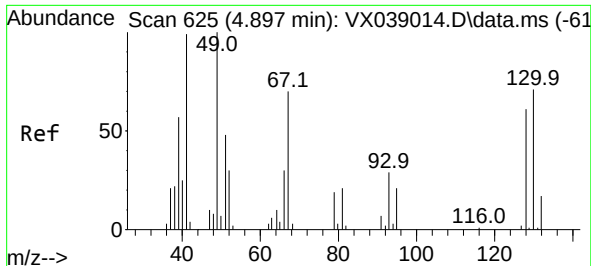
Quant Time: Nov 27 03:29:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	58049	20.558	ug/l	98
44) Isopropyl Acetate	6.342	43	92998	20.892	ug/l	99
45) 1,4-Dioxane	7.659	88	18698	411.471	ug/l	98
46) Methyl methacrylate	7.689	41	53824	21.149	ug/l	98
47) n-amyl Acetate	10.841	43	74095	19.666	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	50920	19.317	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	55185	20.294	ug/l	95
50) 1,1,2-Trichloroethane	9.152	97	33097	20.589	ug/l	95
51) Ethyl methacrylate	9.116	69	41242	20.496	ug/l	98
52) 1,3-Dichloropropane	9.305	76	56301	20.426	ug/l	98
53) Dibromochloromethane	9.518	129	33286	19.281	ug/l	98
54) 1,2-Dibromoethane	9.610	107	36267	20.573	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	128819	101.001	ug/l	100
56) Bromoform	10.798	173	23338	18.731	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	312592	104.831	ug/l	99
59) 2-Hexanone	9.427	43	250589	102.380	ug/l	99
61) Tetrachloroethene	9.274	164	25528	19.968	ug/l	93
62) Toluene	8.720	91	143403	20.541	ug/l	97
64) Chlorobenzene	10.079	112	84956	20.006	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.164	131	30390	19.871	ug/l	99
66) Ethyl Benzene	10.195	91	158256	19.908	ug/l	98
67) m/p-Xylenes	10.299	106	117691	40.065	ug/l	100
68) o-Xylene	10.640	106	56264	19.773	ug/l	99
69) Styrene	10.652	104	84712	20.116	ug/l	99
70) Isopropylbenzene	10.963	105	152333	20.009	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	57652	20.285	ug/l	98
72) 1,2,3-Trichloropropane	11.237	75	49490m	20.579	ug/l	
73) Bromobenzene	11.195	156	34310	19.795	ug/l	98
74) n-propylbenzene	11.304	91	187488	20.101	ug/l	99
75) 2-Chlorotoluene	11.365	91	109384	19.988	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	131920	20.114	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	17134	17.980	ug/l	98
78) 4-Chlorotoluene	11.457	91	129309	20.098	ug/l	98
79) tert-butylbenzene	11.713	119	124850	20.019	ug/l	99
80) 1,2,4-Trimethylbenzene	11.749	105	131775	20.075	ug/l	99
81) sec-Butylbenzene	11.890	105	158936	20.159	ug/l	99
82) p-Isopropyltoluene	12.012	119	132237	19.790	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	67090	20.226	ug/l	96
84) 1,4-Dichlorobenzene	12.042	146	67354	19.789	ug/l	99
85) n-Butylbenzene	12.335	91	127103	19.262	ug/l	100
86) Hexachloroethane	12.536	117	24559	19.398	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	64114	20.100	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.944	75	14915	20.520	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	41576	19.660	ug/l	100
90) Hexachlorobutadiene	13.725	225	14138	18.723	ug/l	99
91) Naphthalene	13.774	128	152182	19.512	ug/l	100
92) 1,2,3-Trichlorobenzene	13.962	180	39827	19.443	ug/l	98

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

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Supervised By :Mahesh Dadoda 11/27/2023

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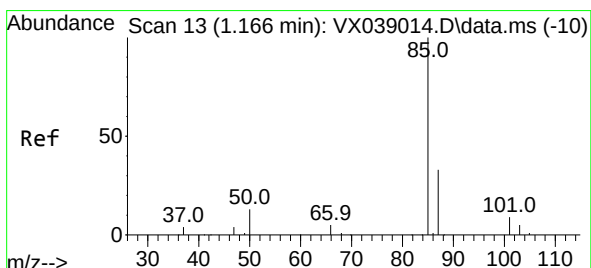
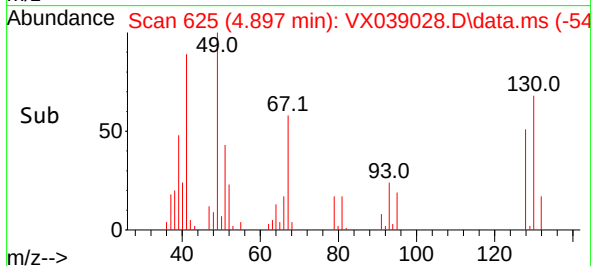
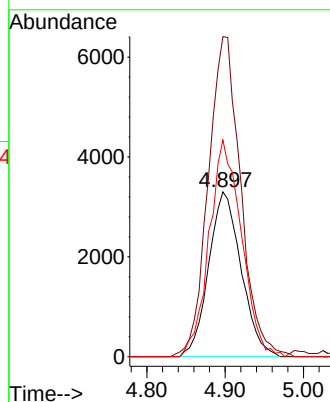
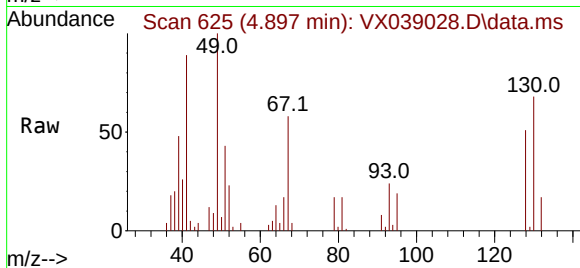
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 950
Ion Ratio Lower Upper
128 100
49 194.1 0.0 444.0
130 130.9 0.0 297.8

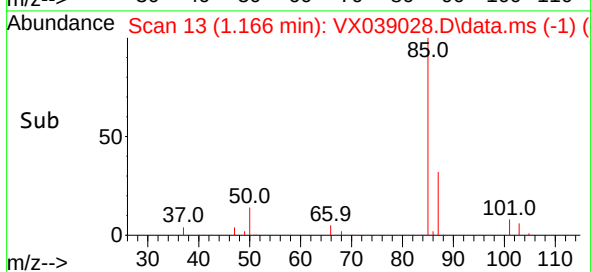
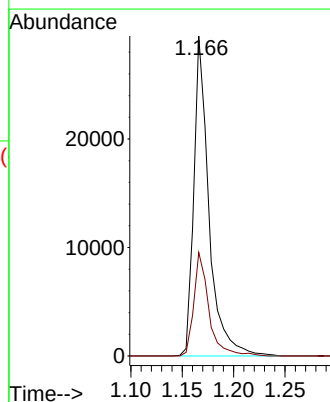
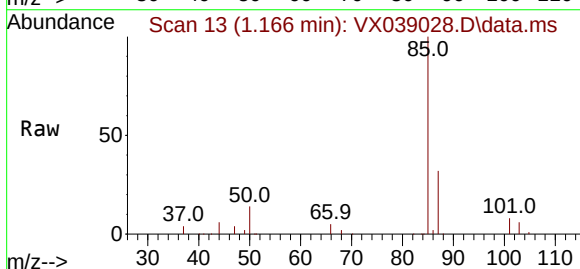
Manual Integrations
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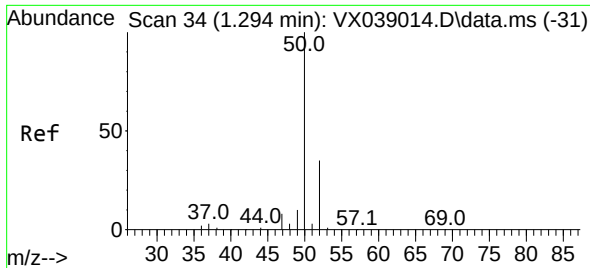
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#2
Dichlorodifluoromethane
Concen: 21.245 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

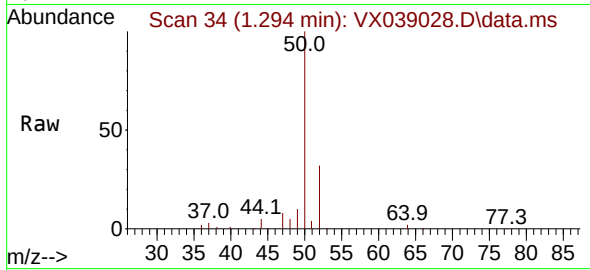
Tgt Ion: 85 Resp: 30237
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 21.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

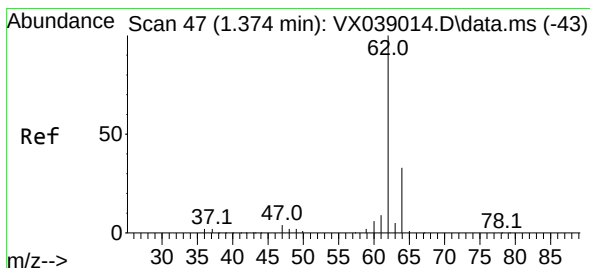
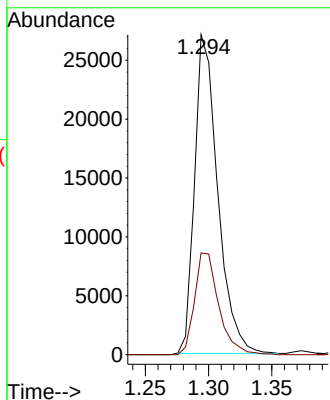
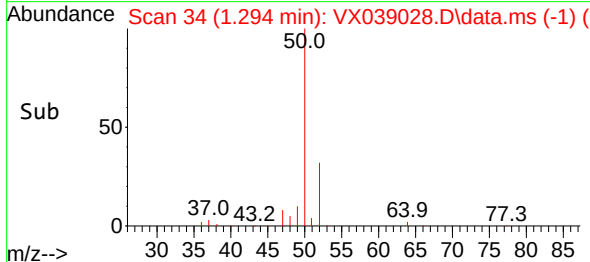
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



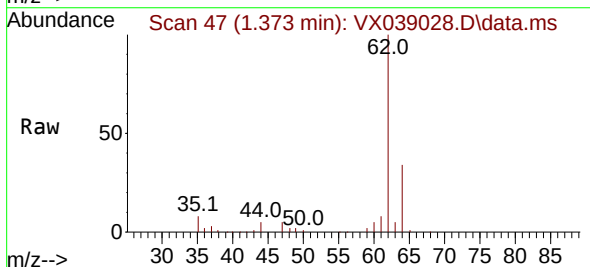
Tgt Ion: 50 Resp: 3456
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.8

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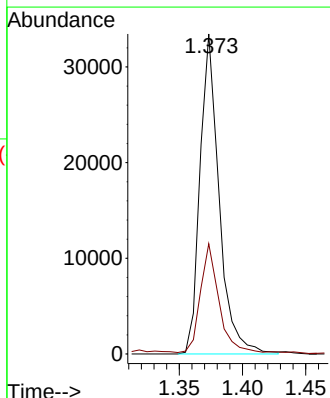
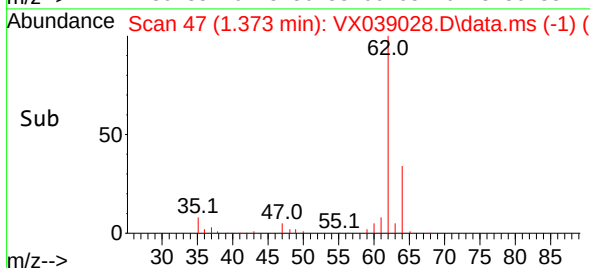
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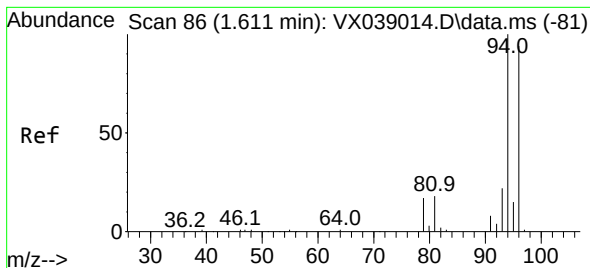


#4
Vinyl Chloride
Concen: 21.460 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



Tgt Ion: 62 Resp: 35306
Ion Ratio Lower Upper
62 100
64 34.0 26.3 39.5





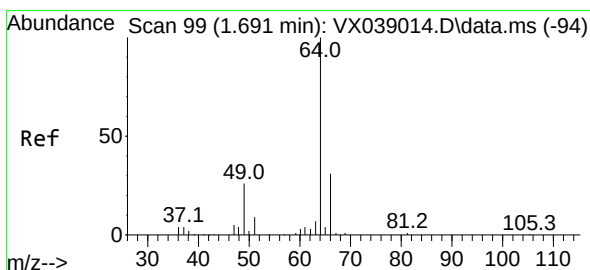
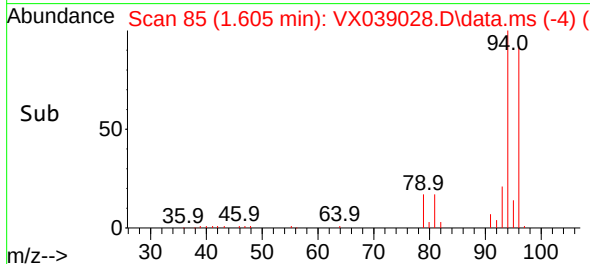
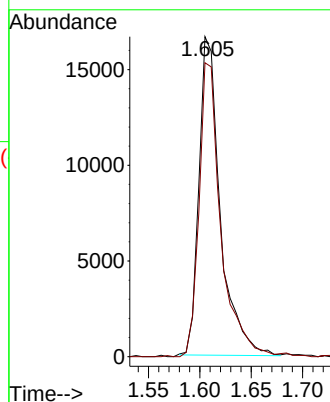
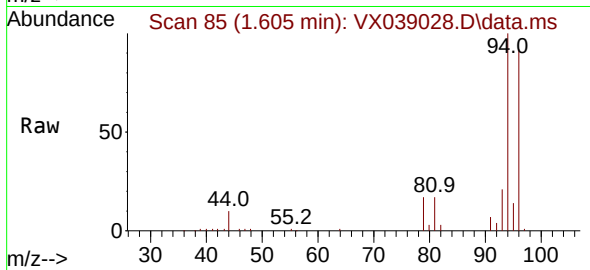
#5
Bromomethane
Concen: 23.916 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
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Tgt Ion: 94 Resp: 2406
Ion Ratio Lower Upper
94 100
96 92.4 74.9 112.3

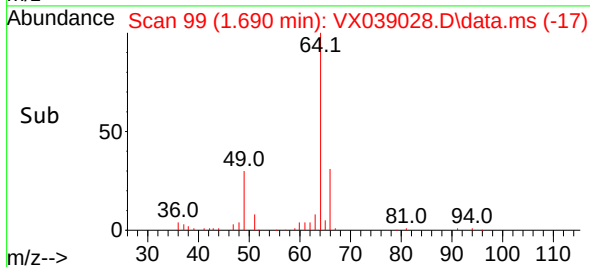
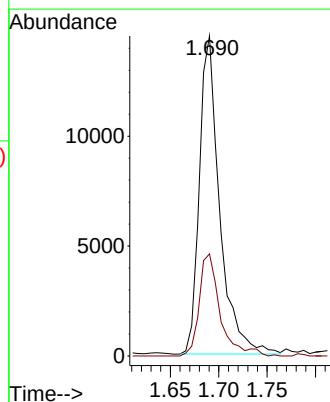
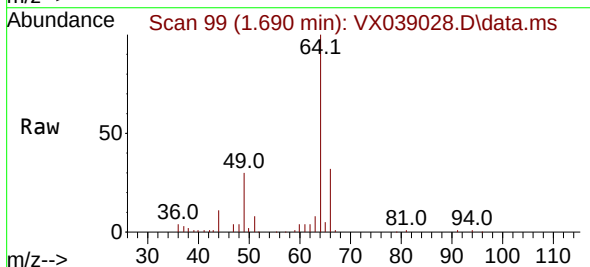
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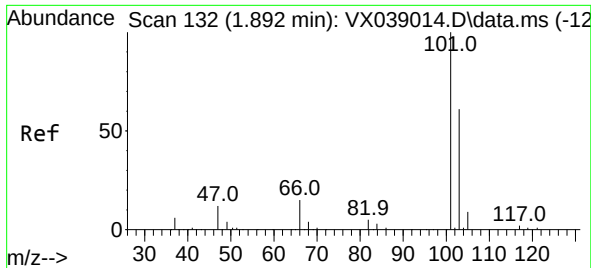
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#6
Chloroethane
Concen: 22.079 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 64 Resp: 21153
Ion Ratio Lower Upper
64 100
66 32.1 25.0 37.6





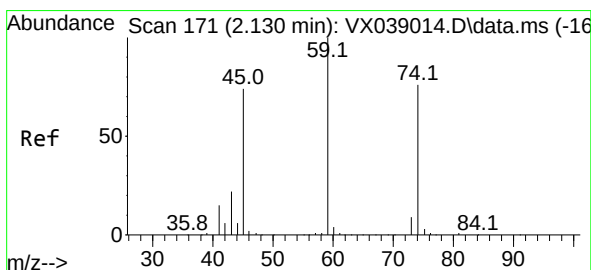
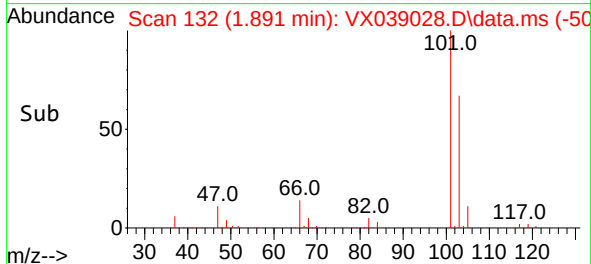
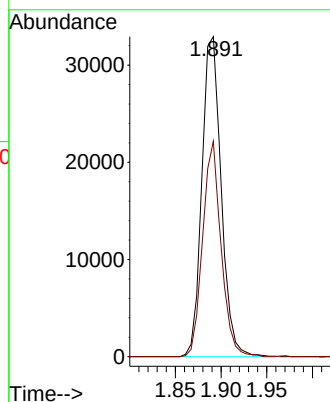
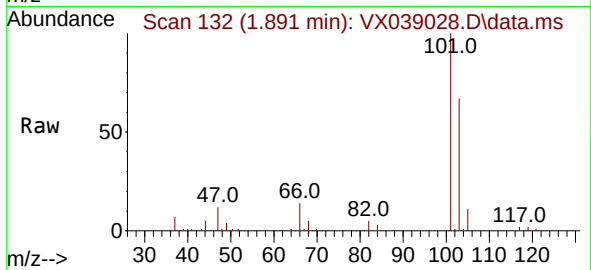
#7
Trichlorofluoromethane
Concen: 21.288 ug/l
RT: 1.891 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
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Tgt Ion:101 Resp: 48339
Ion Ratio Lower Upper
101 100
103 67.3 49.1 73.7

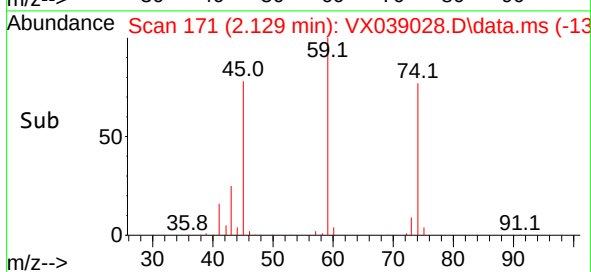
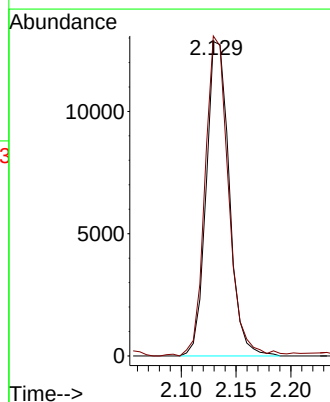
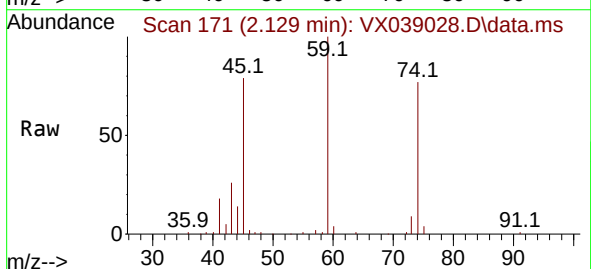
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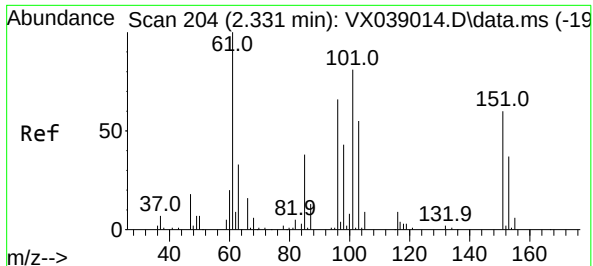
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#8
Diethyl Ether
Concen: 21.486 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 74 Resp: 18728
Ion Ratio Lower Upper
74 100
45 102.9 20.5 184.5





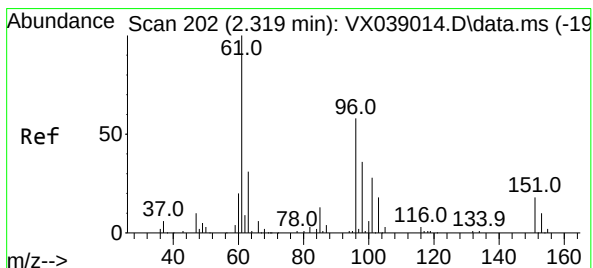
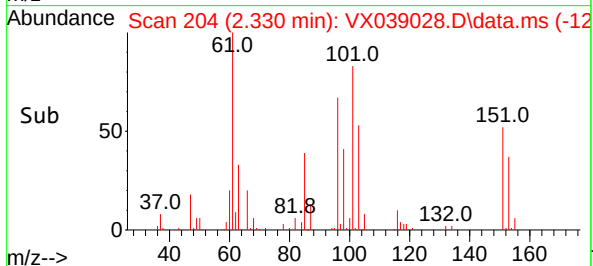
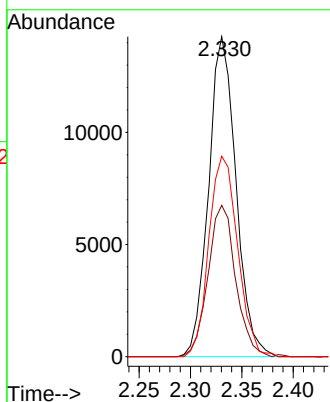
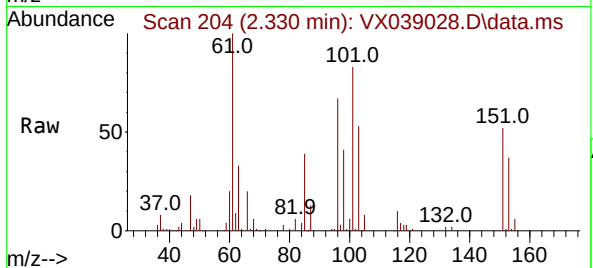
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1,1,2-Trichlorotrifluoroethane
Concen: 20.639 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2648
Ion Ratio Lower Upper
101 100
85 47.6 0.0 95.2
151 65.5 0.0 136.8

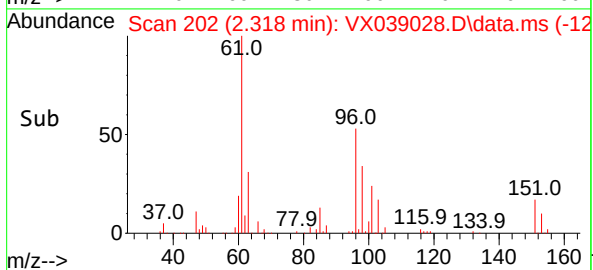
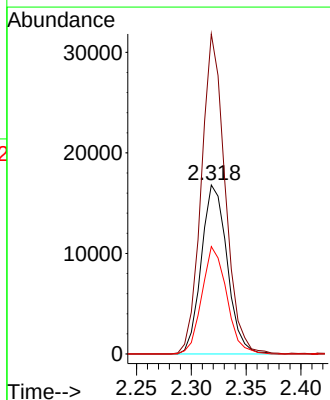
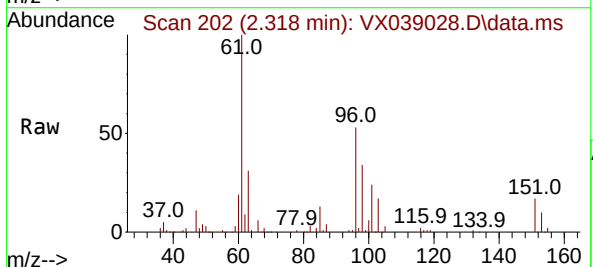
Manual Integrations
APPROVED

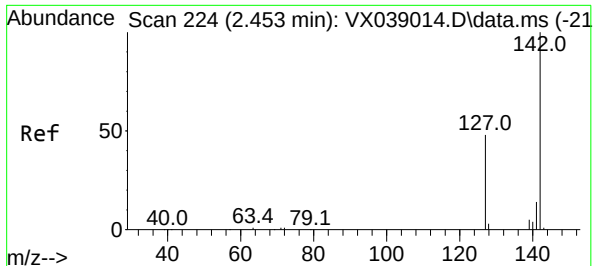
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#10
1,1-Dichloroethene
Concen: 21.280 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 96 Resp: 27524
Ion Ratio Lower Upper
96 100
61 188.9 138.3 207.5
98 63.5 49.8 74.6





#11

Methyl Iodide

Concen: 20.764 ug/l

RT: 2.452 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039028.D

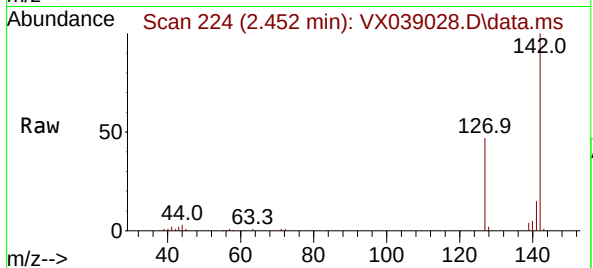
Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



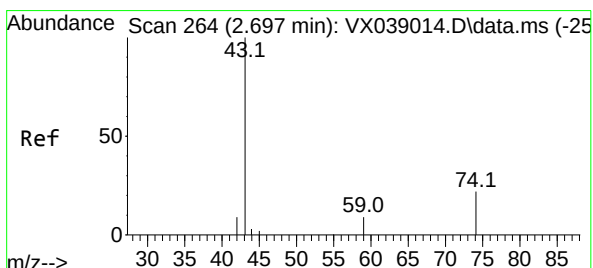
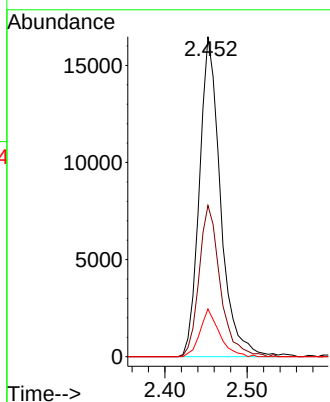
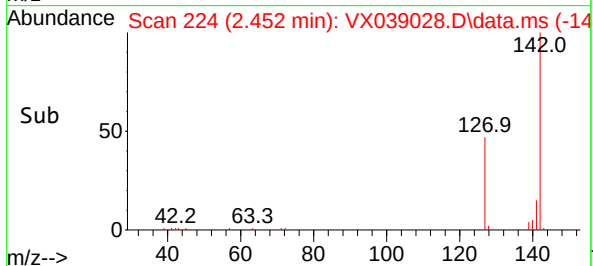
Tgt Ion:	142	Resp:	29430
Ion Ratio	Lower	Upper	
142	100		
127	47.4	23.8	71.4
141	14.9	6.9	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#12

Methyl Acetate

Concen: 23.027 ug/l

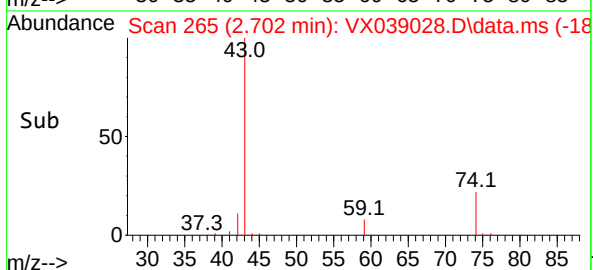
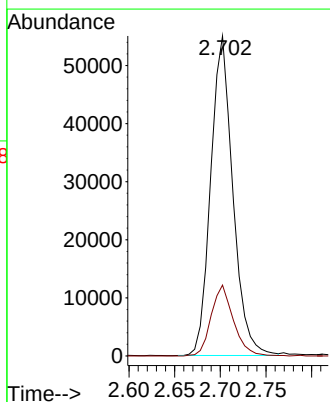
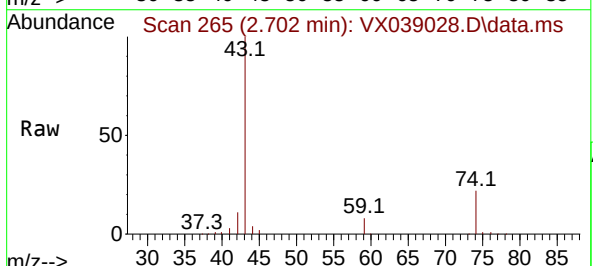
RT: 2.702 min Scan# 265

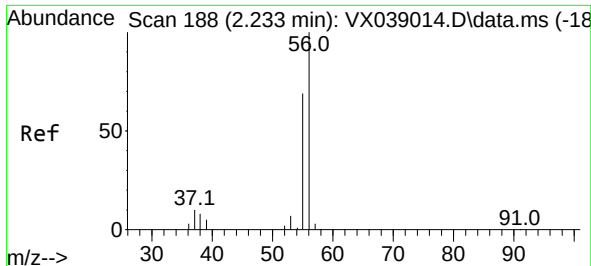
Delta R.T. 0.006 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

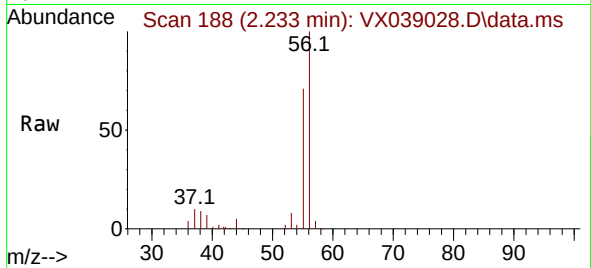
Tgt Ion:	43	Resp:	92892
Ion Ratio	Lower	Upper	
43	100		
74	22.2	17.8	26.6





#13
Acrolein
Concen: 97.392 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

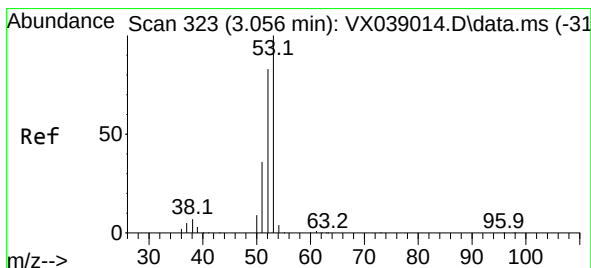
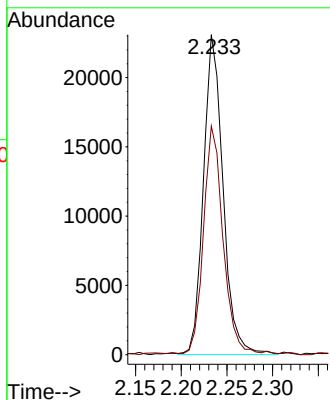
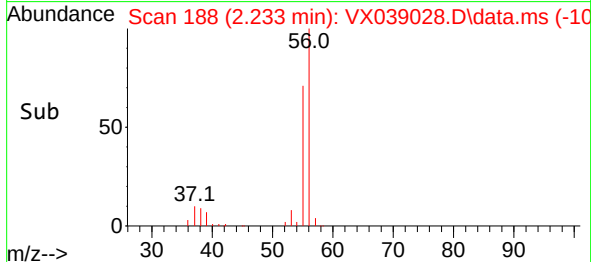
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



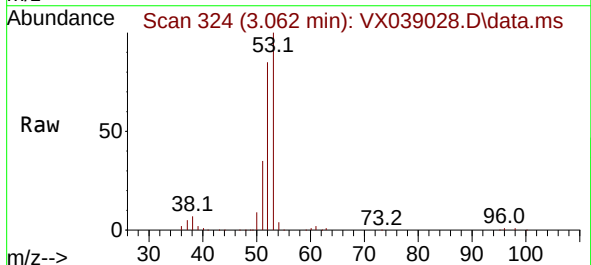
Tgt Ion: 56 Resp: 34418
Ion Ratio Lower Upper
56 100
55 71.2 57.2 85.8

Manual Integrations
APPROVED

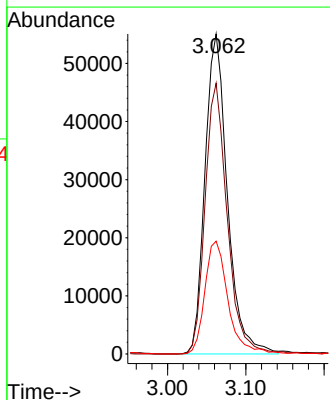
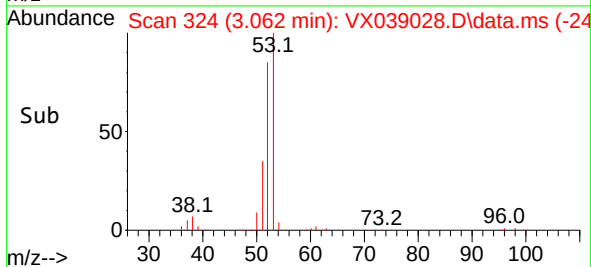
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

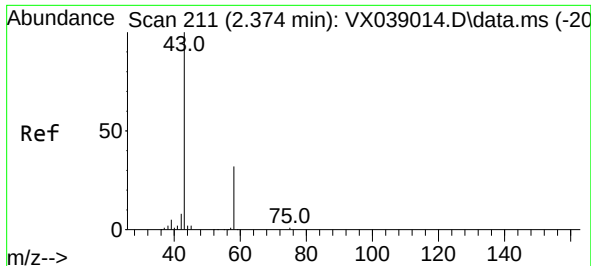


#14
Acrylonitrile
Concen: 110.918 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



Tgt Ion: 53 Resp: 109438
Ion Ratio Lower Upper
53 100
52 83.3 41.9 125.6
51 36.2 18.3 54.9





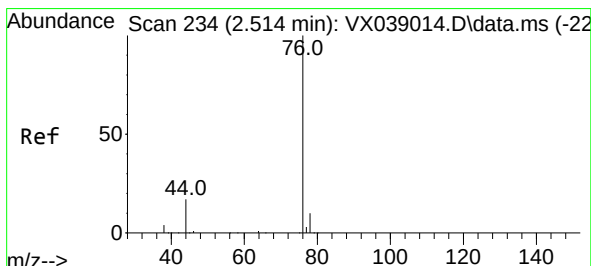
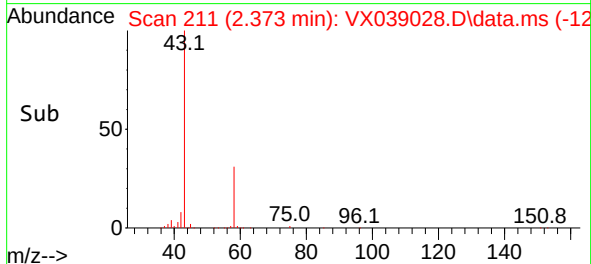
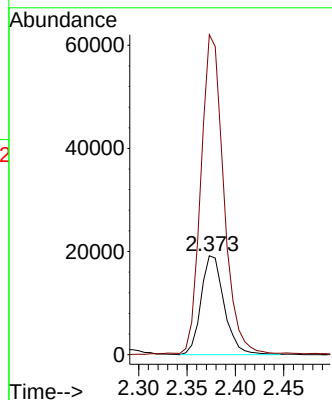
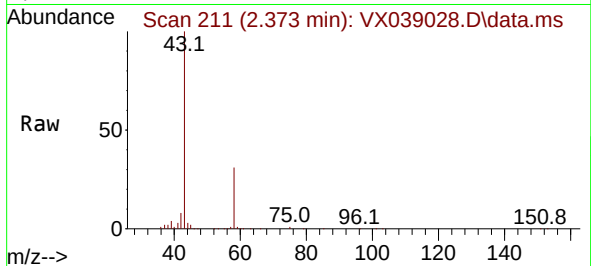
#15
Acetone
Concen: 88.941 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 31898
Ion Ratio Lower Upper
58 100
43 322.4 249.9 374.9

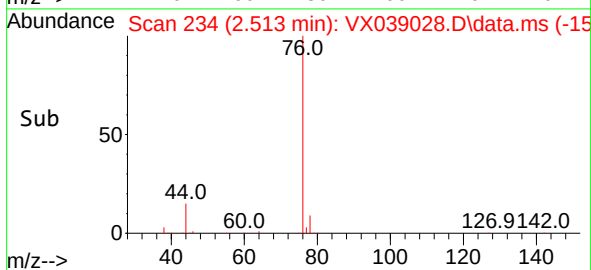
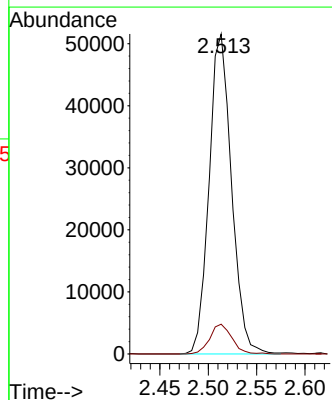
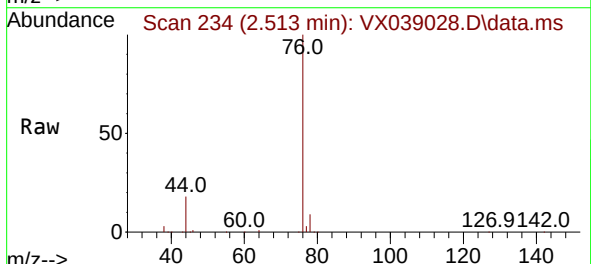
Manual Integrations
APPROVED

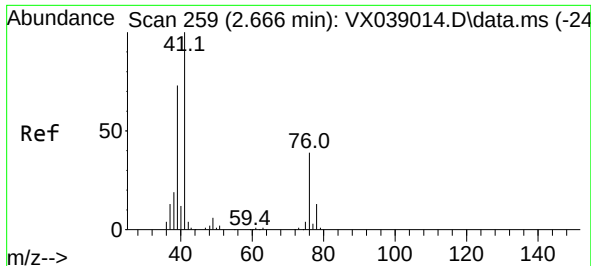
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#16
Carbon Disulfide
Concen: 21.280 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 76 Resp: 83359
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





#17

Allyl chloride

Concen: 22.018 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

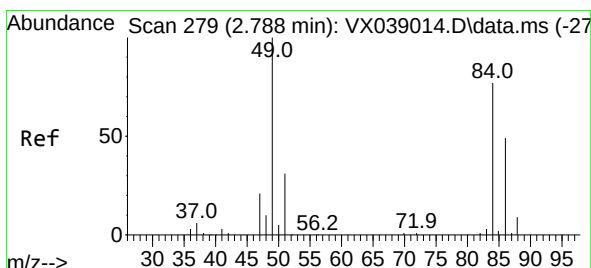
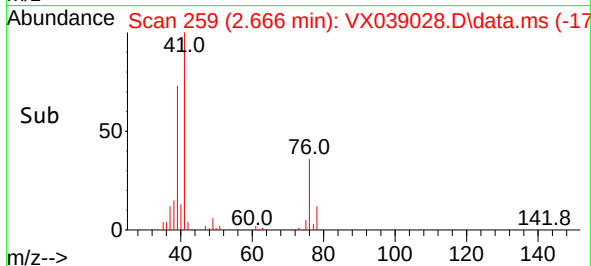
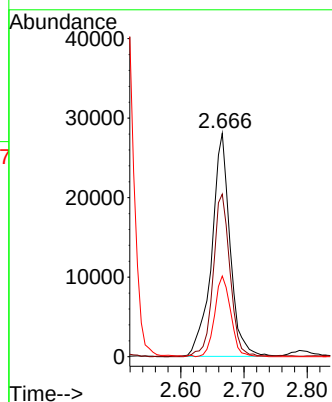
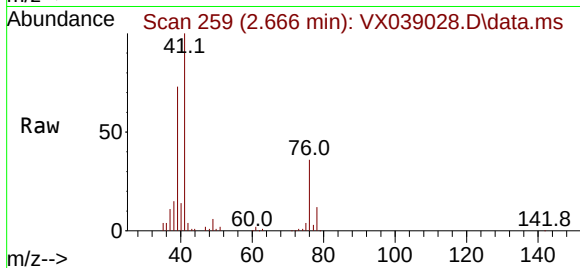
Tgt Ion:	41	Resp:	56534
Ion	Ratio	Lower	Upper
41	100		
39	72.9	36.5	109.5
76	36.2	19.7	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#18

Methylene Chloride

Concen: 21.483 ug/l

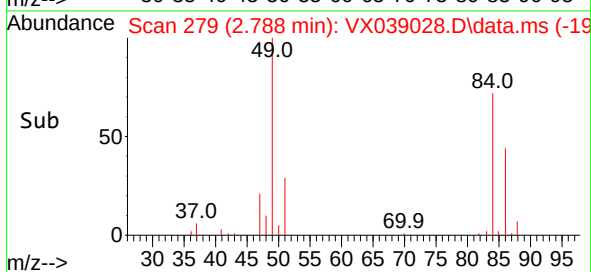
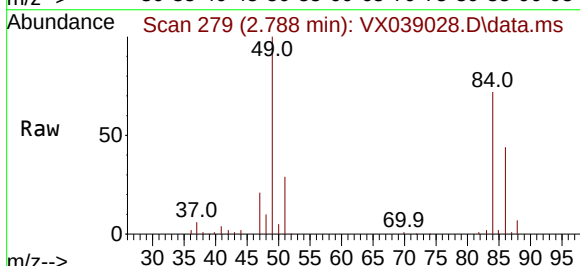
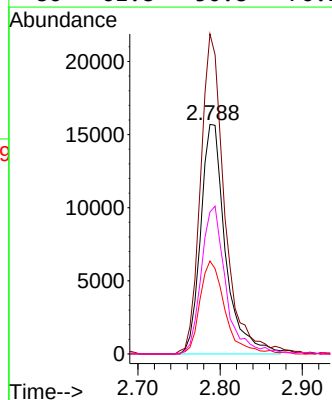
RT: 2.788 min Scan# 279

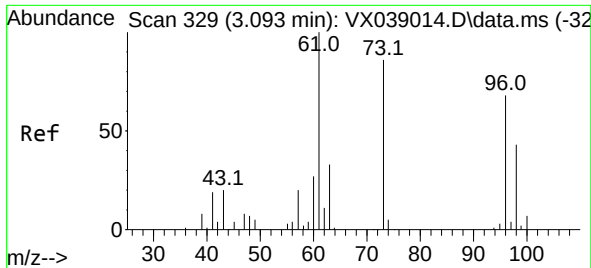
Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

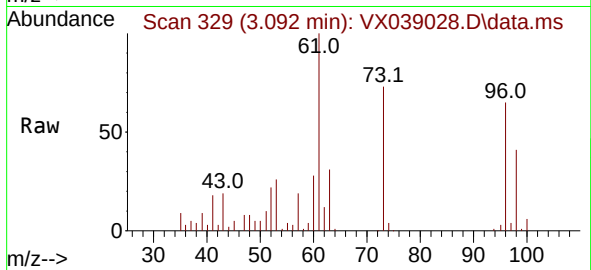
Tgt Ion:	84	Resp:	32937
Ion	Ratio	Lower	Upper
84	100		
49	137.9	103.8	155.8
51	40.1	31.8	47.6
86	61.8	50.8	76.2





#19
trans-1,2-Dichloroethene
Concen: 21.022 ug/l
RT: 3.092 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

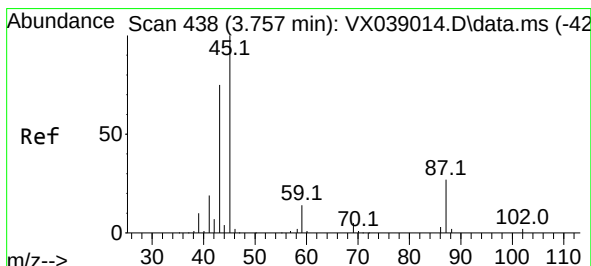
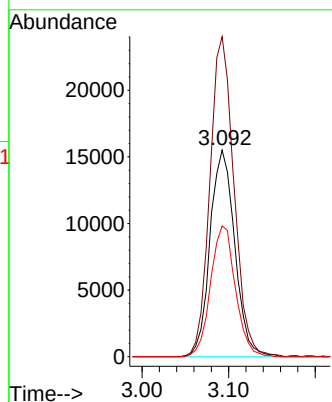
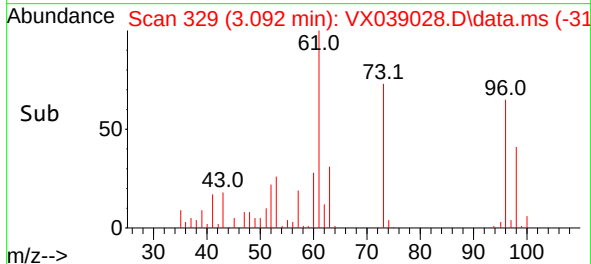
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 30752
Ion Ratio Lower Upper
96 100
61 155.0 117.9 176.9
98 63.4 51.0 76.6

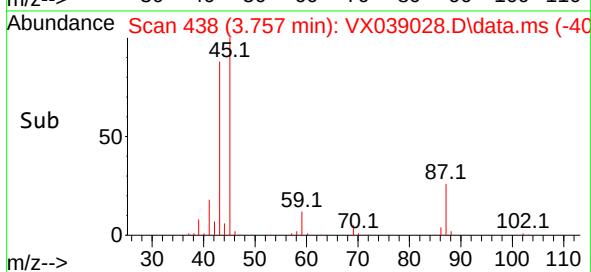
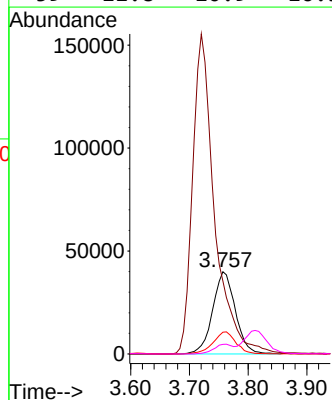
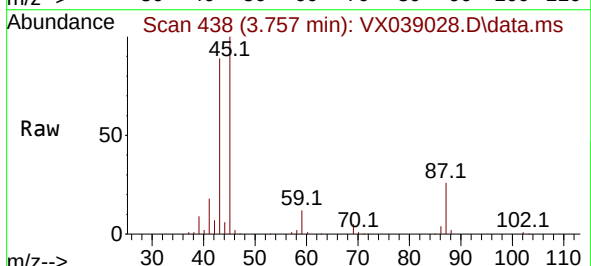
Manual Integrations
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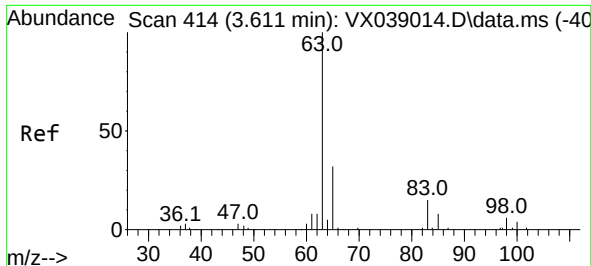
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#20
Diisopropyl ether
Concen: 21.917 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 45 Resp: 107092
Ion Ratio Lower Upper
45 100
43 86.8 67.7 101.5
87 26.5 21.5 32.3
59 11.8 10.9 16.3





#21

1,1-Dichloroethane

Concen: 21.978 ug/l

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 59709

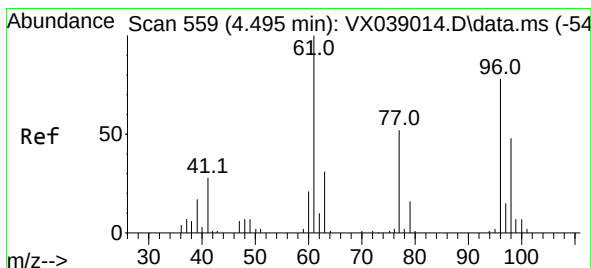
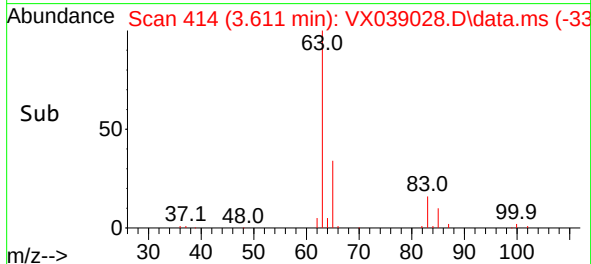
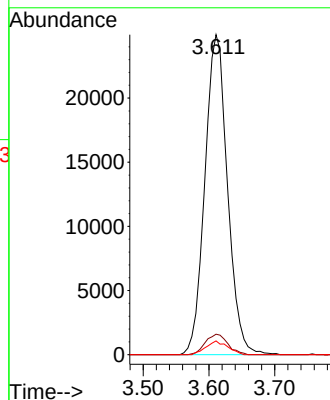
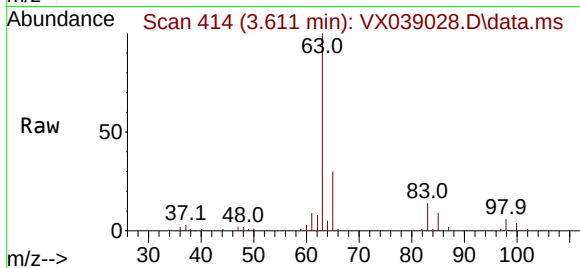
Ion	Ratio	Lower	Upper
63	100		
98	6.4	2.9	8.8
100	4.3	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#22

cis-1,2-Dichloroethene

Concen: 21.051 ug/l

RT: 4.489 min Scan# 558

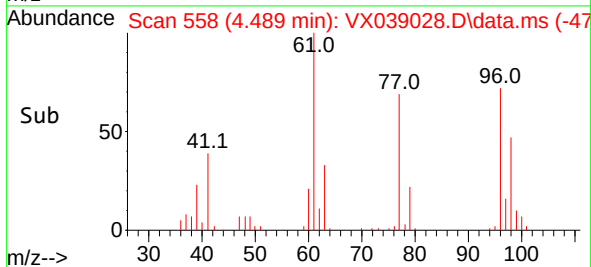
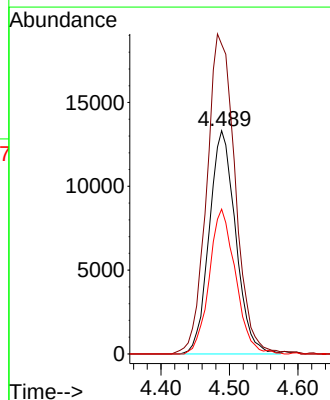
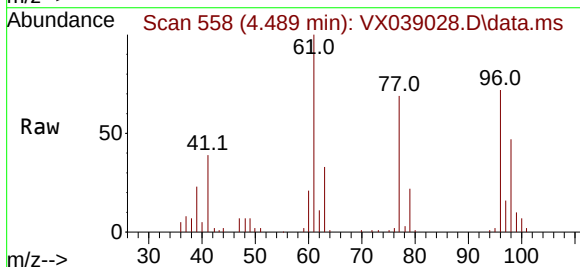
Delta R.T. -0.006 min

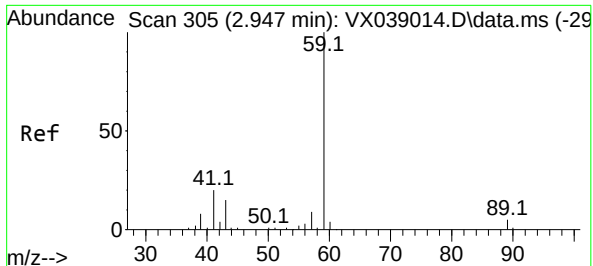
Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Tgt Ion: 96 Resp: 35689

Ion	Ratio	Lower	Upper
96	100		
61	154.6	119.8	179.6
98	63.9	50.9	76.3





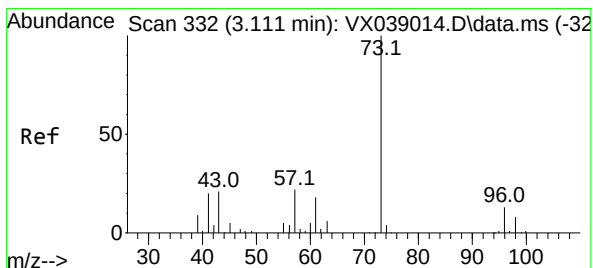
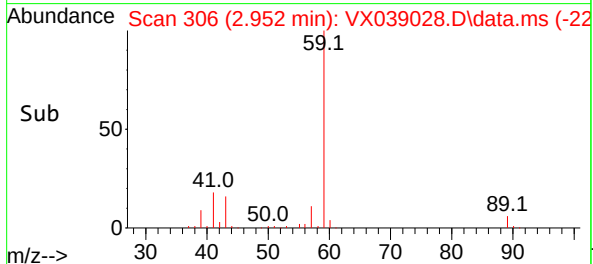
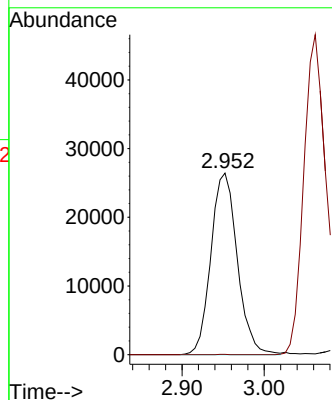
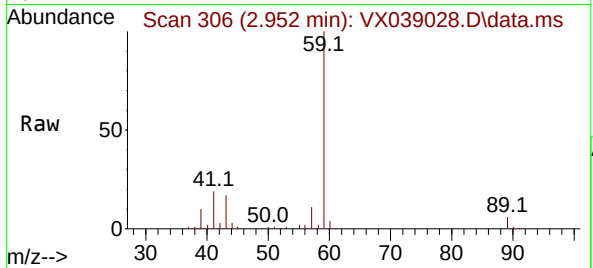
#23
tert-Butyl Alcohol
Concen: 108.064 ug/l
RT: 2.952 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 59020
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

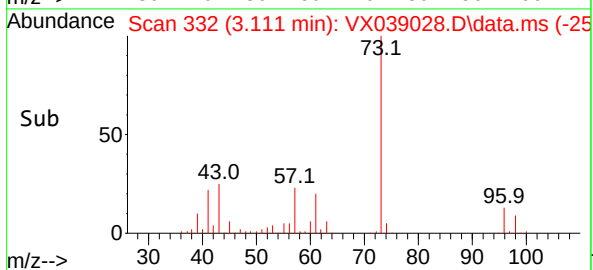
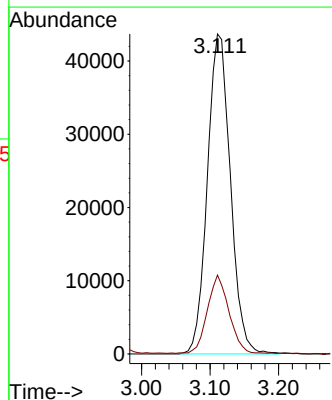
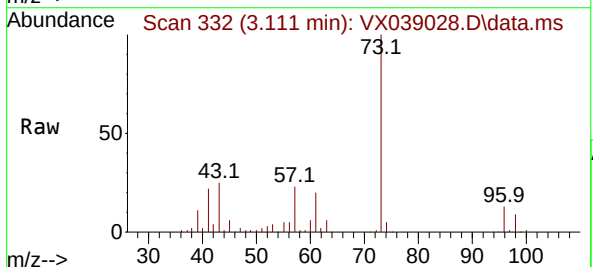
Manual Integrations
APPROVED

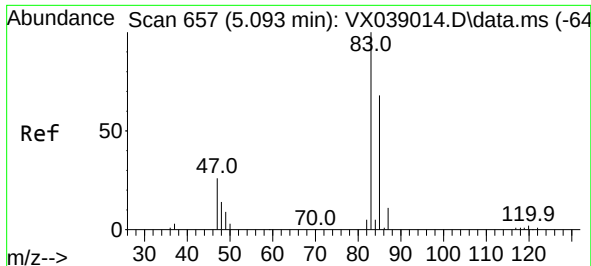
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#24
Methyl tert-Butyl Ether
Concen: 21.413 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 73 Resp: 102029
Ion Ratio Lower Upper
73 100
43 23.2 17.0 25.6





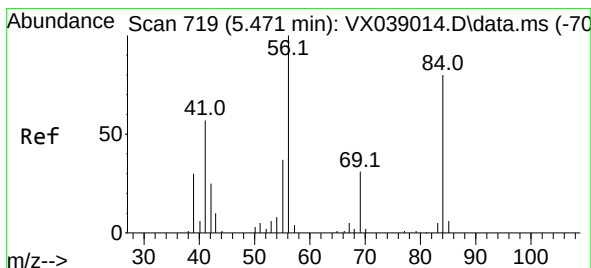
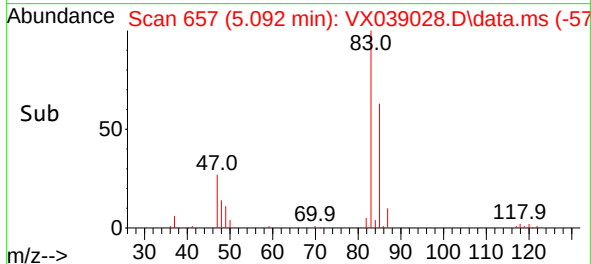
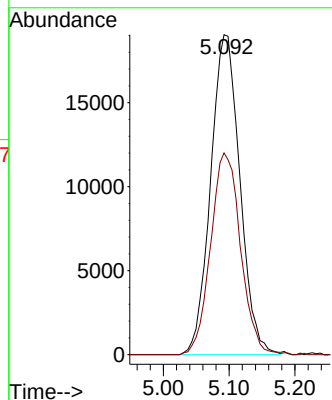
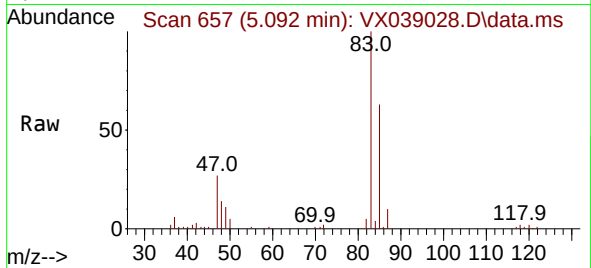
#25
Chloroform
Concen: 21.627 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 5897
Ion Ratio Lower Upper
83 100
85 63.1 54.6 81.8

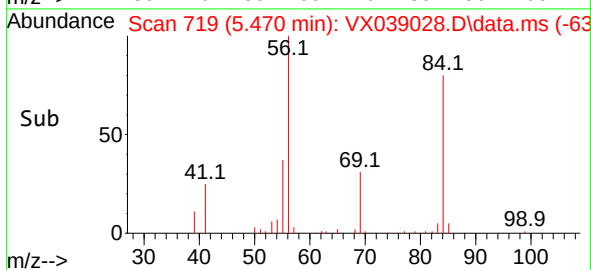
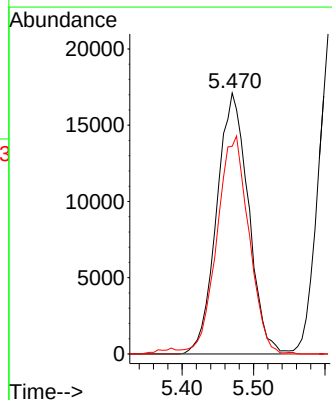
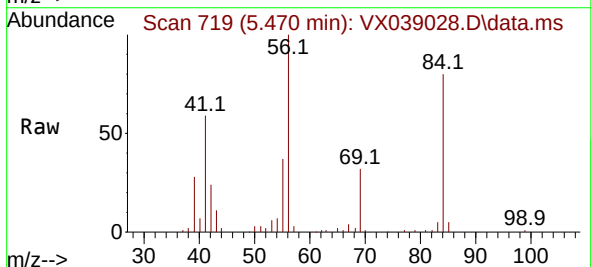
Manual Integrations
APPROVED

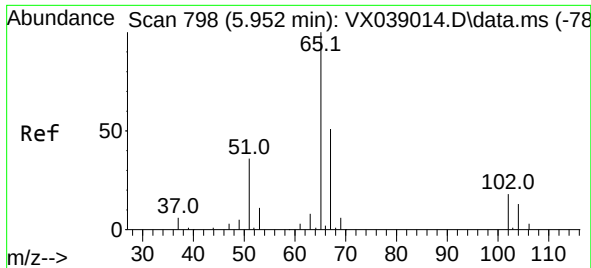
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#26
Cyclohexane
Concen: 21.418 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 56 Resp: 52665
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.3 67.2 100.8





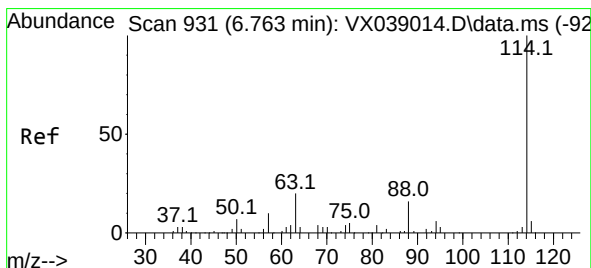
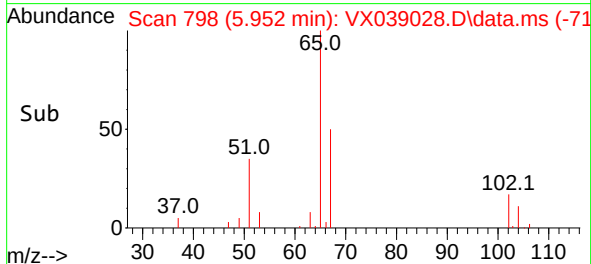
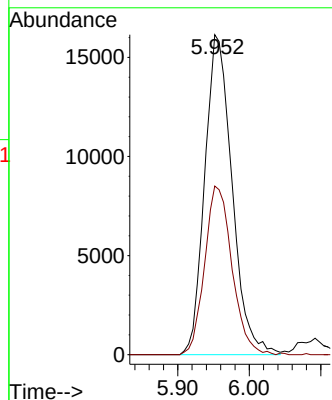
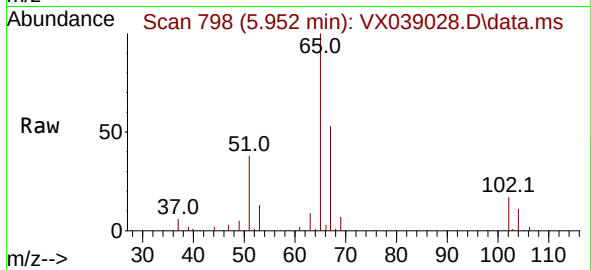
#27
1,2-Dichloroethane-d4
Concen: 32.956 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 65 Resp: 42872
Ion Ratio Lower Upper
65 100
67 52.6 42.5 63.7

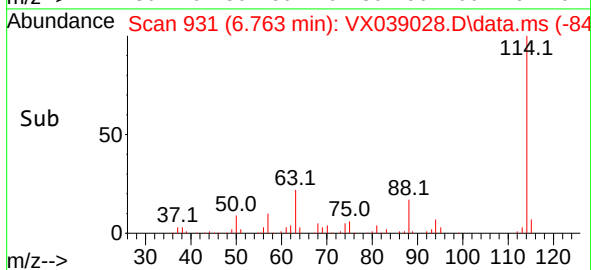
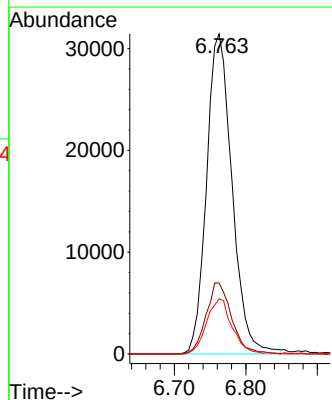
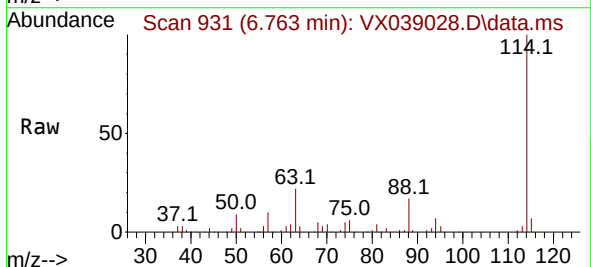
Manual Integrations
APPROVED

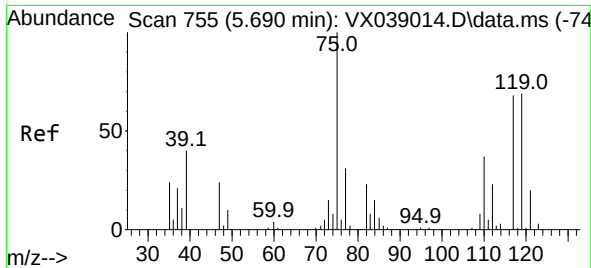
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion:114 Resp: 77765
Ion Ratio Lower Upper
114 100
63 22.2 17.0 25.4
88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.465 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 4461

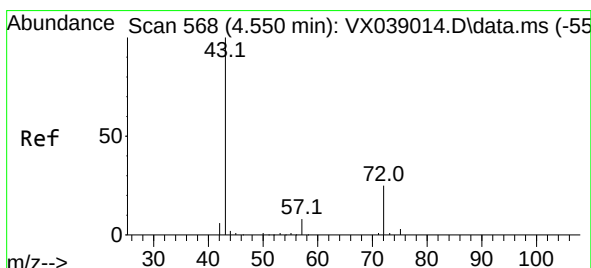
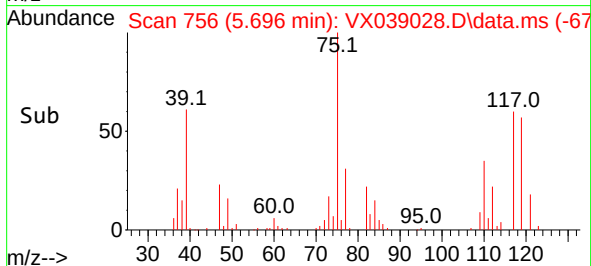
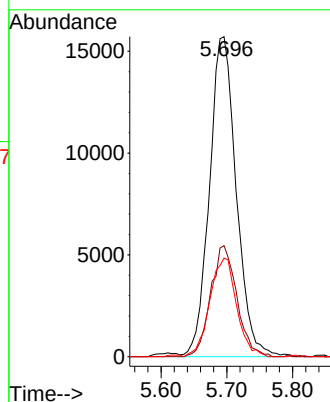
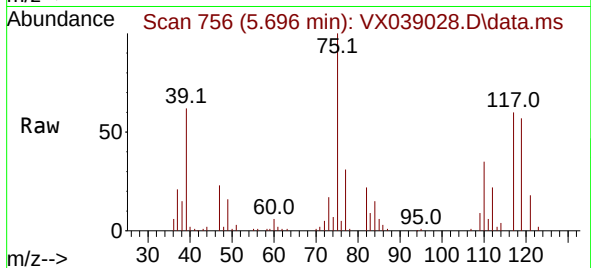
Ion	Ratio	Lower	Upper
75	100		
110	33.9	0.0	71.2
77	30.8	0.0	62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#30

2-Butanone

Concen: 98.894 ug/l

RT: 4.550 min Scan# 568

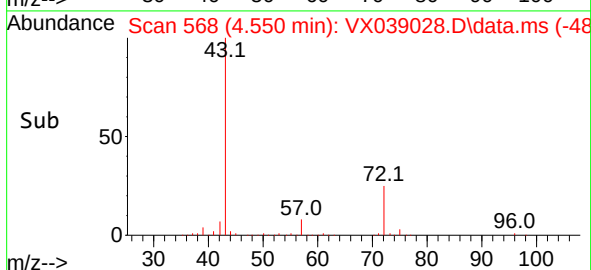
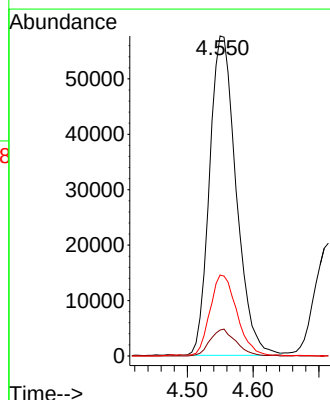
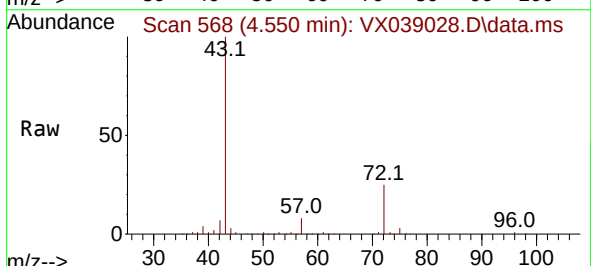
Delta R.T. -0.000 min

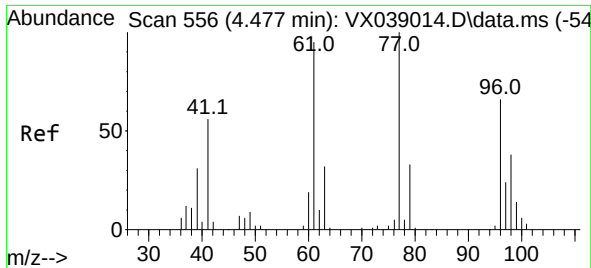
Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Tgt Ion: 43 Resp: 162314

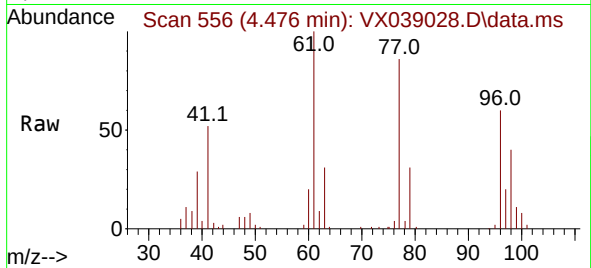
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	10.0
72	25.1	20.6	31.0





#31
2,2-Dichloropropane
Concen: 18.737 ug/l
RT: 4.476 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

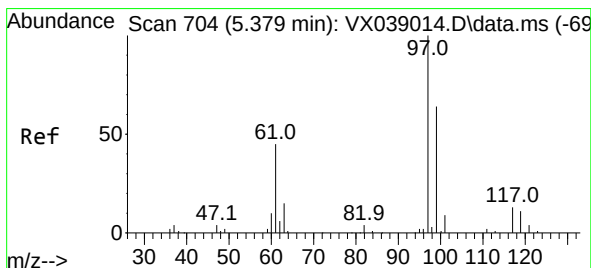
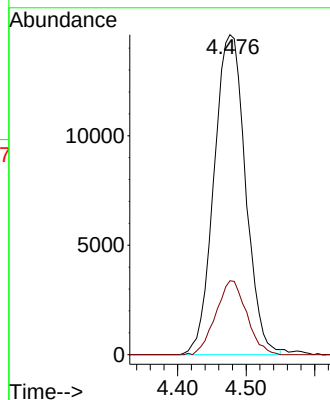
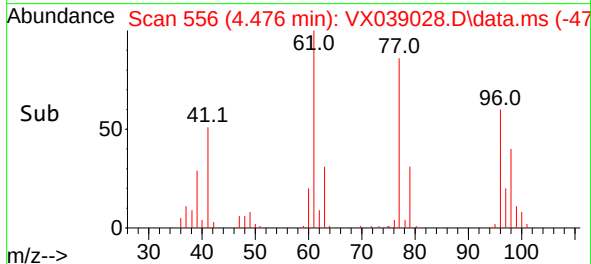
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



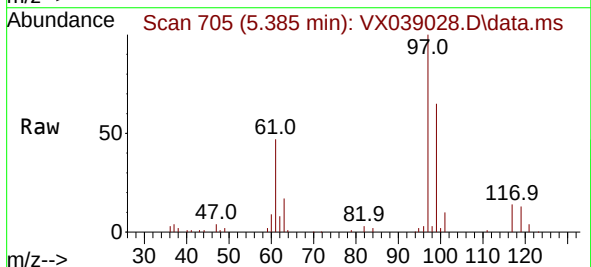
Tgt Ion: 77 Resp: 4670
Ion Ratio Lower Upper
77 100
97 22.5 18.2 27.4

Manual Integrations
APPROVED

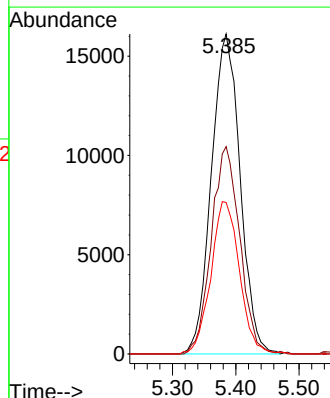
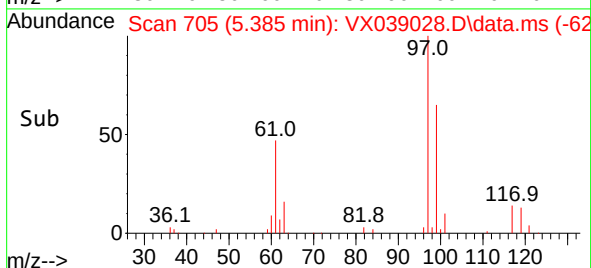
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

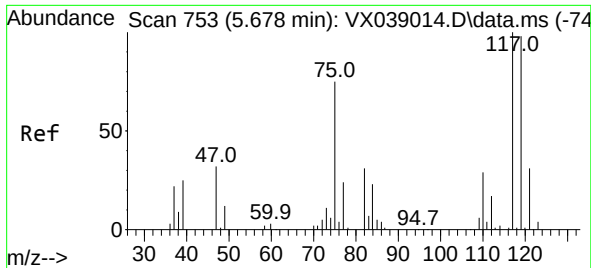


#32
1,1,1-Trichloroethane
Concen: 20.219 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



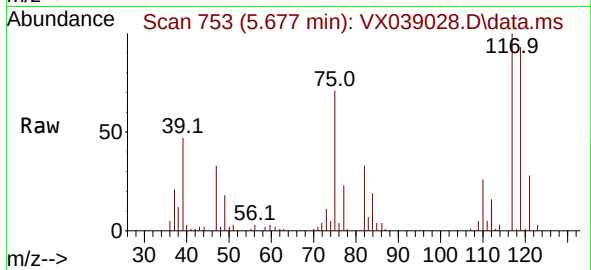
Tgt Ion: 97 Resp: 50945
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 47.2 36.9 55.3





#33
Carbon Tetrachloride
Concen: 20.077 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

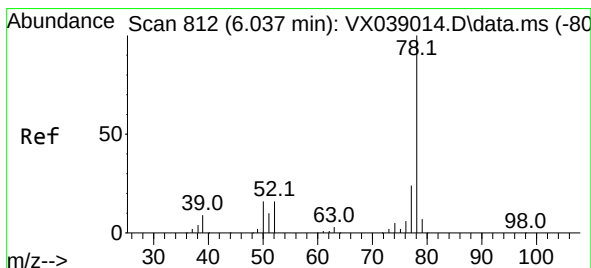
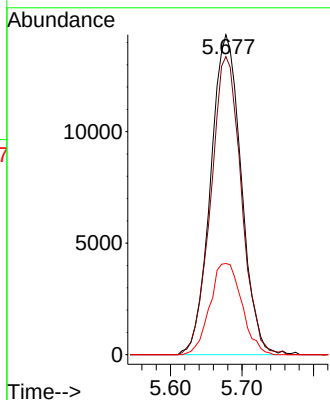
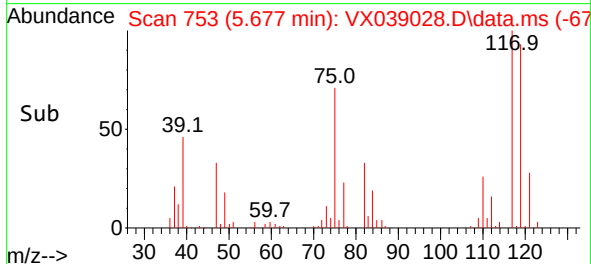
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 42610
Ion Ratio Lower Upper
117 100
119 93.2 78.2 117.4
121 28.5 24.7 37.1

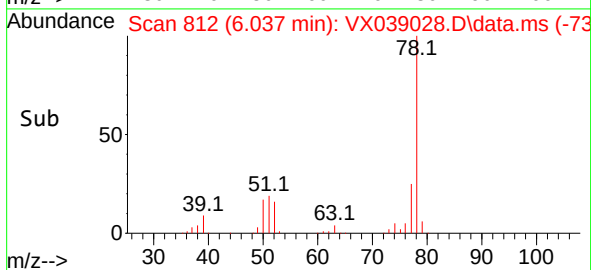
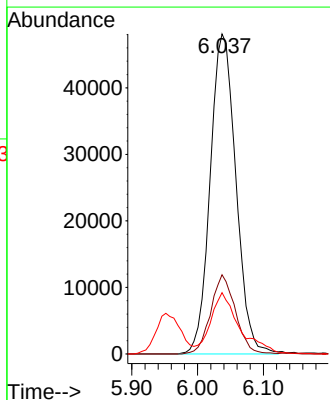
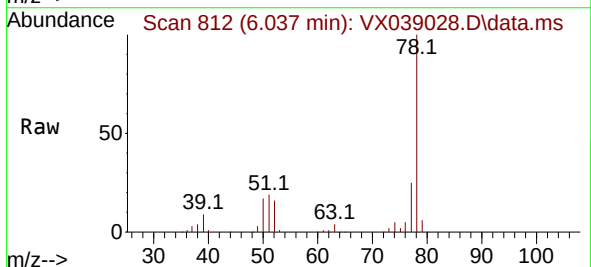
Manual Integrations
APPROVED

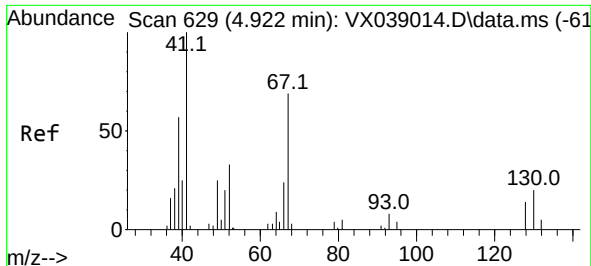
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#34
Benzene
Concen: 20.631 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 78 Resp: 131012
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9
51 18.6 14.4 21.6





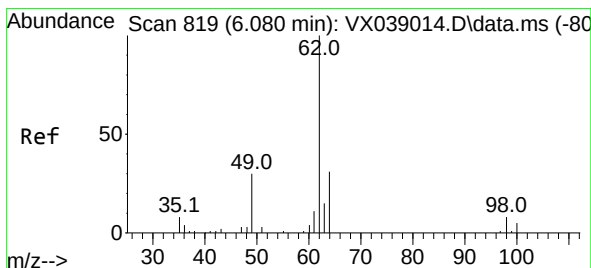
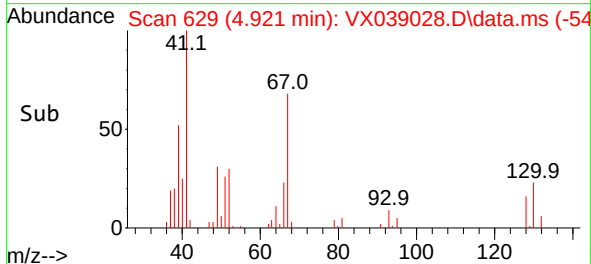
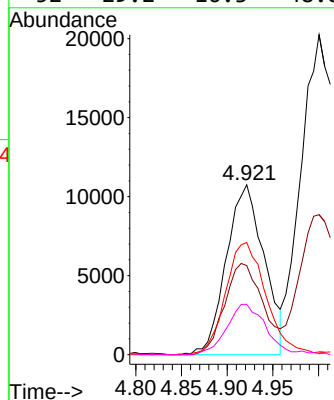
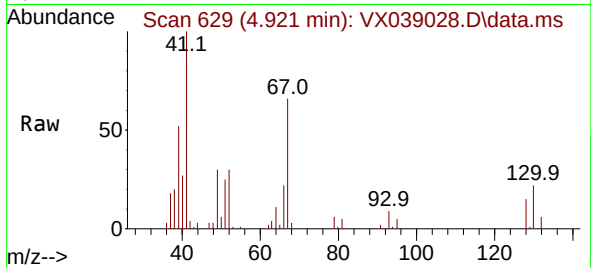
#35
Methacrylonitrile
Concen: 21.281 ug/l
RT: 4.921 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 30939
Ion Ratio Lower Upper
41 100
39 52.5 28.2 84.7
67 66.1 34.5 103.5
52 29.2 16.3 48.8

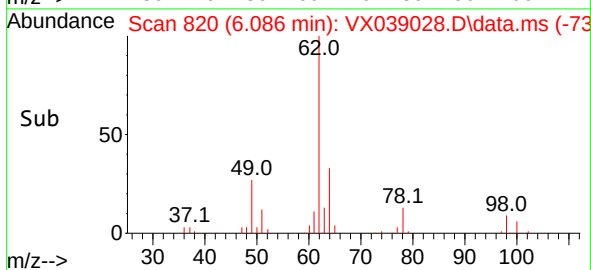
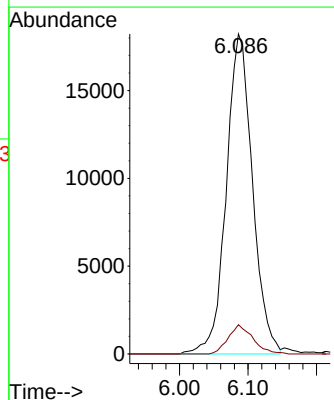
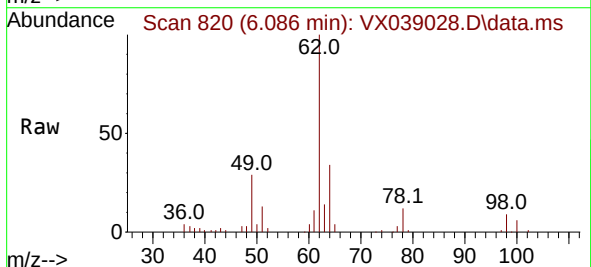
Manual Integrations
APPROVED

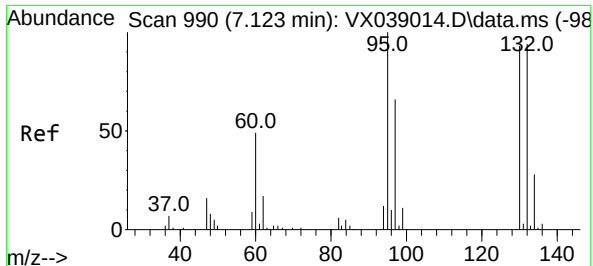
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#36
1,2-Dichloroethane
Concen: 20.782 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 62 Resp: 48424
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4





#37

Trichloroethene

Concen: 19.648 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 3166

Ion Ratio Lower Upper

130 100

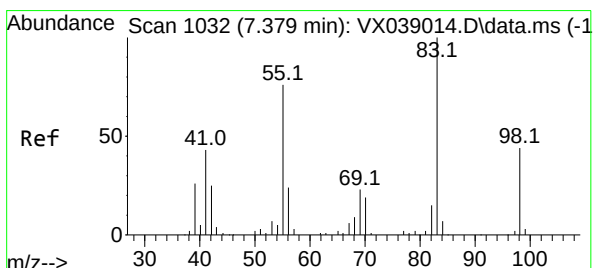
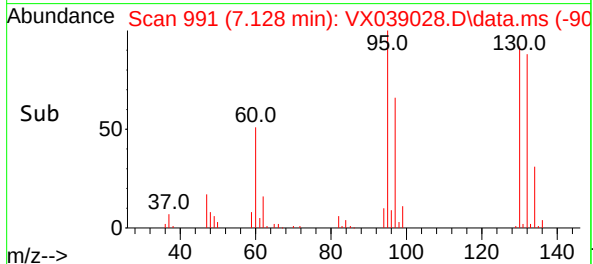
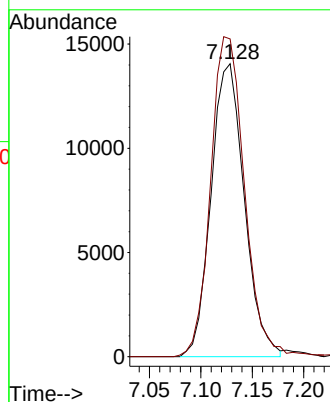
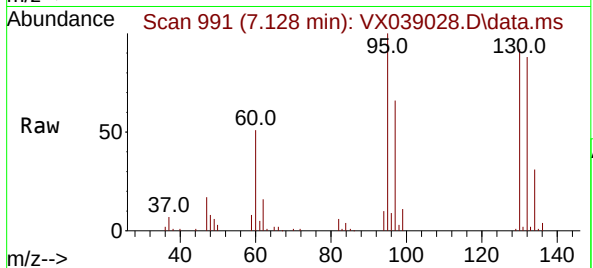
95 107.9 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#38

Methylcyclohexane

Concen: 20.294 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

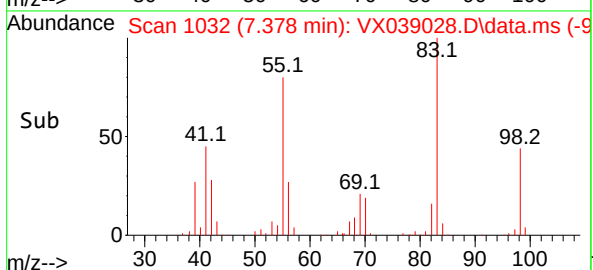
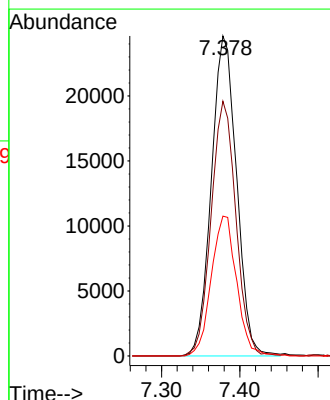
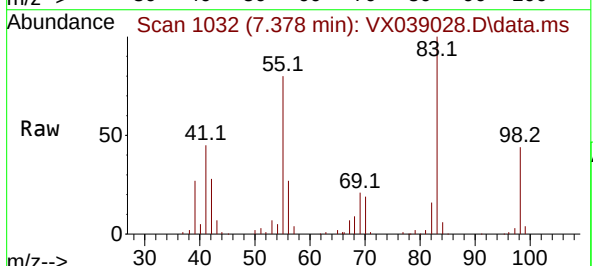
Tgt Ion: 83 Resp: 55122

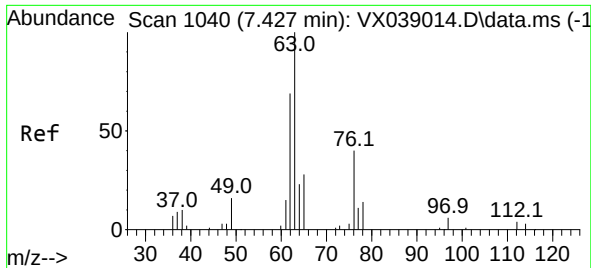
Ion Ratio Lower Upper

83 100

55 77.7 38.6 116.0

98 43.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 21.074 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

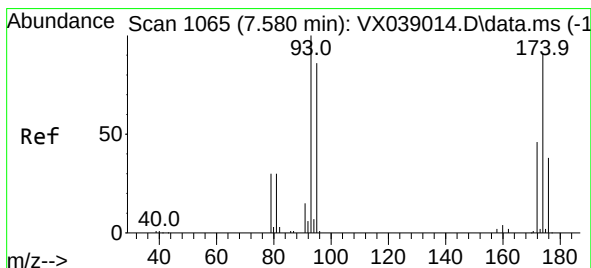
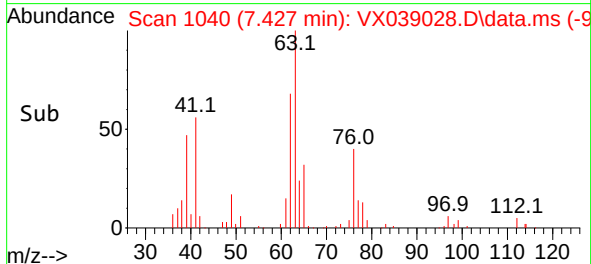
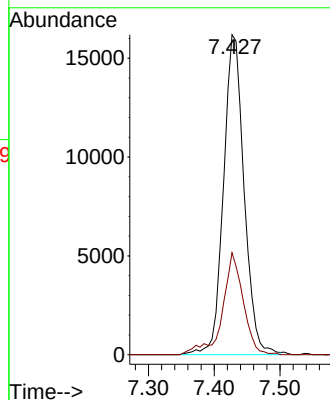
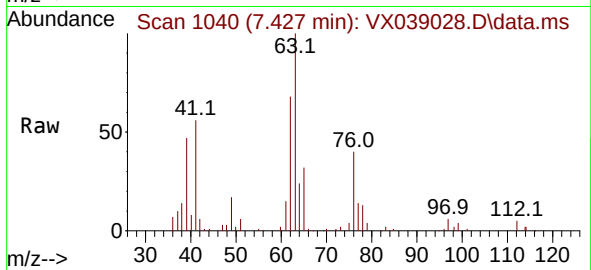
VSTDCCC020EC

Tgt Ion: 63 Resp: 35294
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#40

Dibromomethane

Concen: 20.294 ug/l

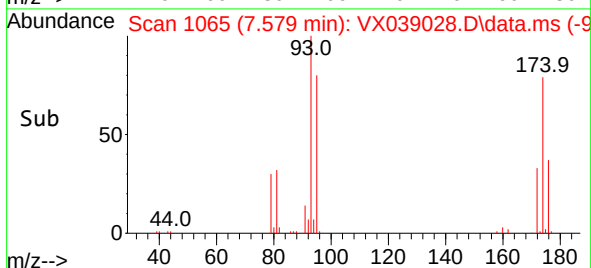
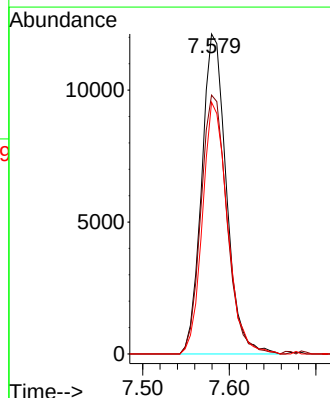
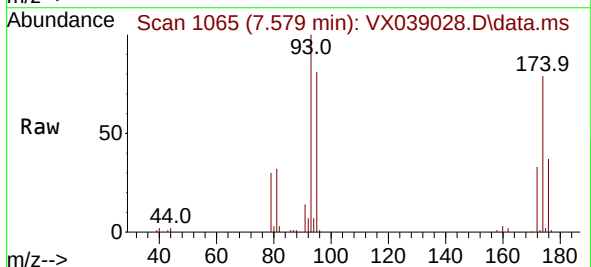
RT: 7.579 min Scan# 1065

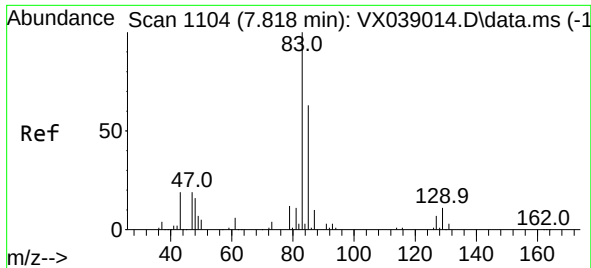
Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Tgt Ion: 93 Resp: 24015
 Ion Ratio Lower Upper
 93 100
 95 85.1 0.0 163.4
 174 79.7 0.0 166.4





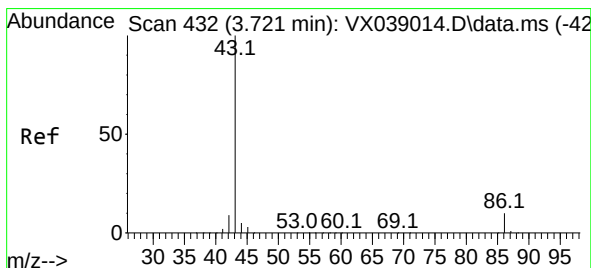
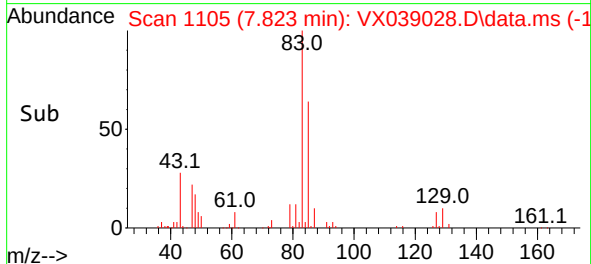
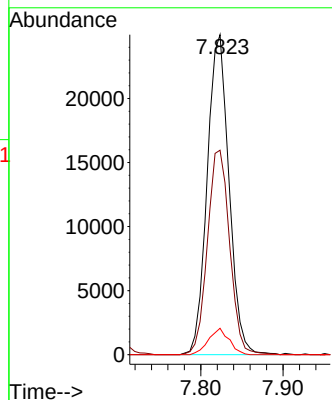
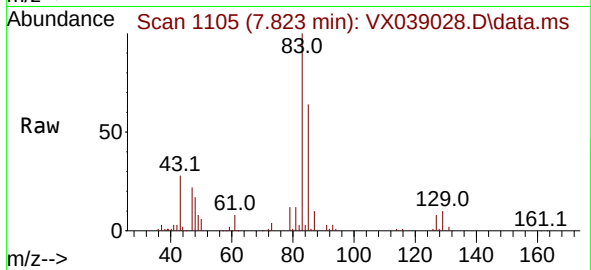
#41
Bromodichloromethane
Concen: 20.257 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 46052
Ion Ratio Lower Upper
83 100
85 63.9 50.8 76.2
127 8.3 5.9 8.9

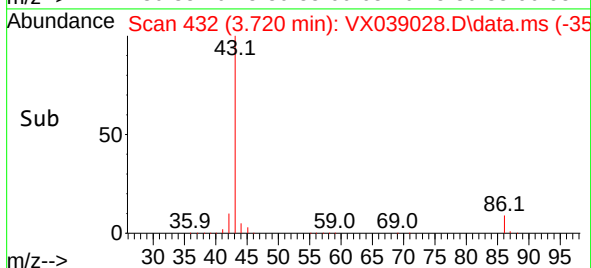
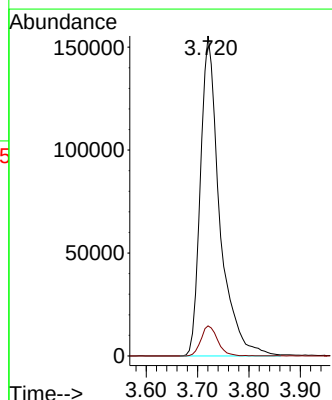
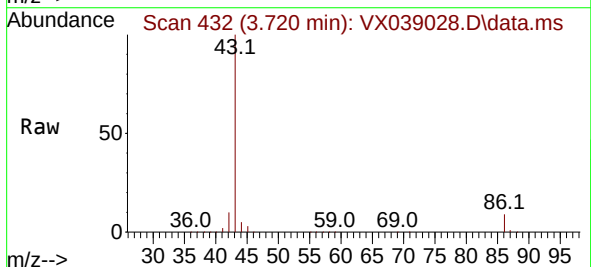
Manual Integrations
APPROVED

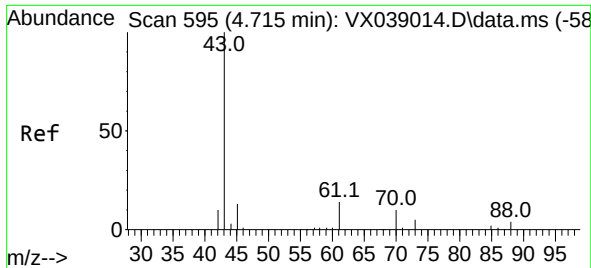
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#42
Vinyl Acetate
Concen: 103.341 ug/l
RT: 3.720 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 43 Resp: 403986
Ion Ratio Lower Upper
43 100
86 8.1 6.7 10.1





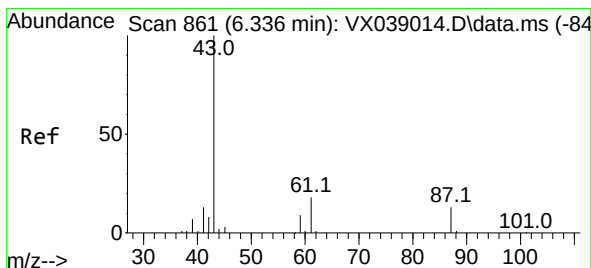
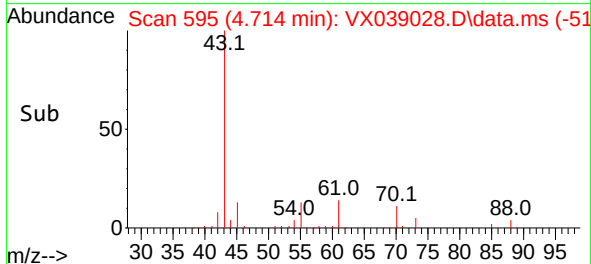
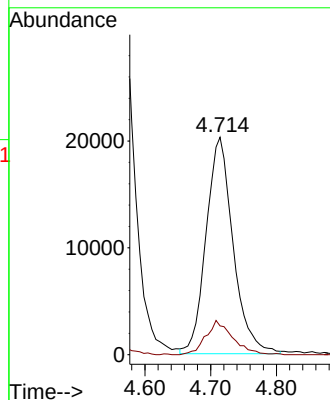
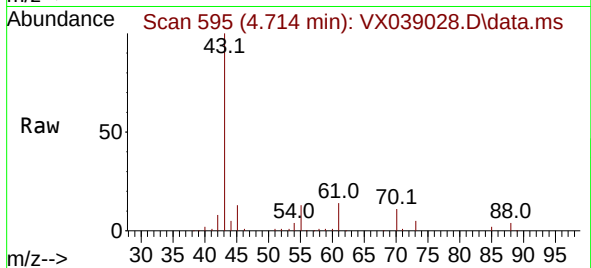
#43
Ethyl Acetate
Concen: 20.558 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 58049
Ion Ratio Lower Upper
43 100
45 15.6 11.8 17.8

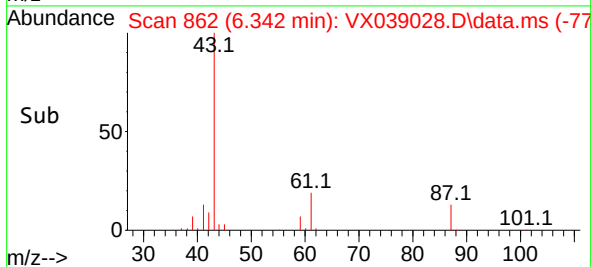
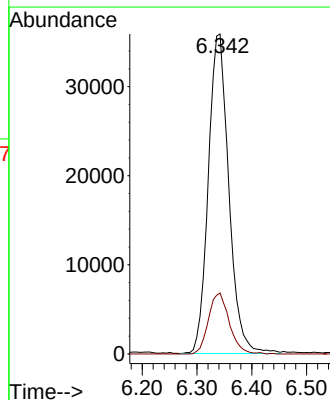
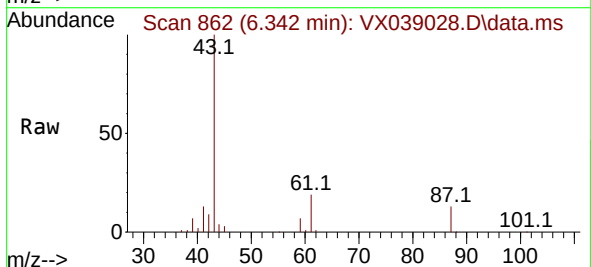
Manual Integrations
APPROVED

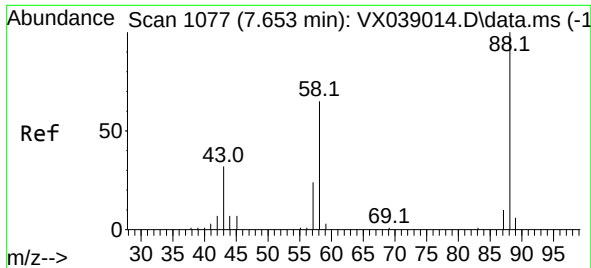
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#44
Isopropyl Acetate
Concen: 20.892 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

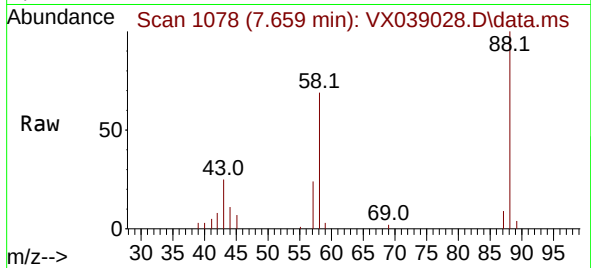
Tgt Ion: 43 Resp: 92998
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4





#45
1,4-Dioxane
Concen: 411.471 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

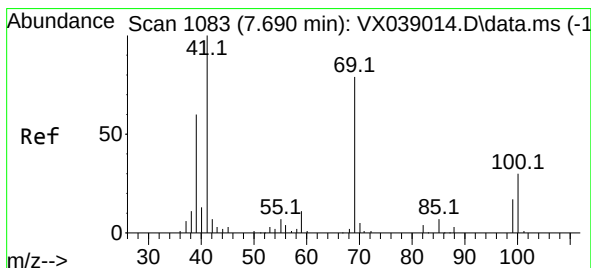
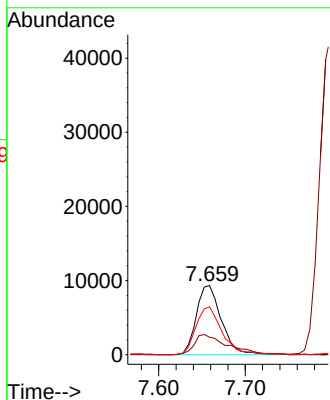
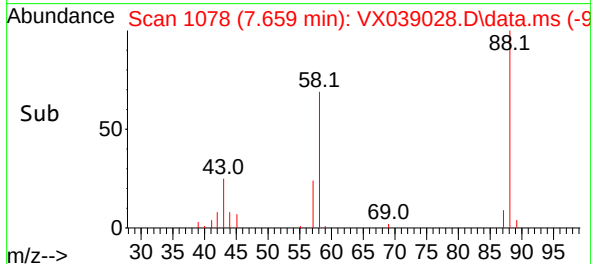
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 18698
Ion Ratio Lower Upper
88 100
43 38.2 28.1 42.1
58 72.1 57.7 86.5

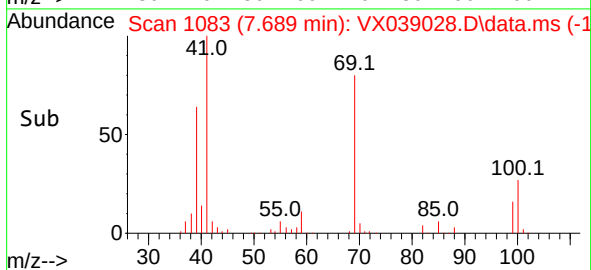
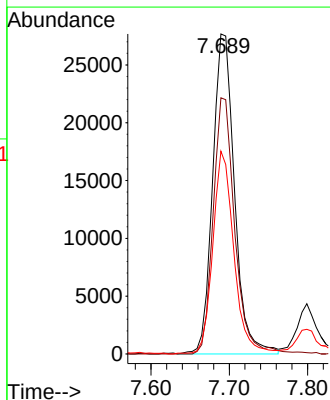
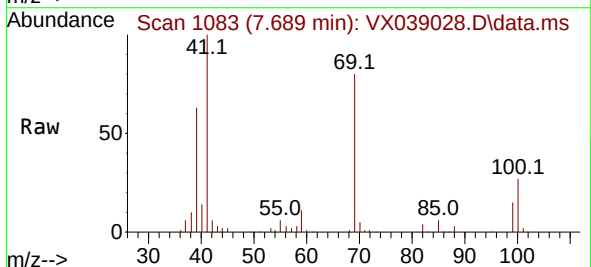
Manual Integrations
APPROVED

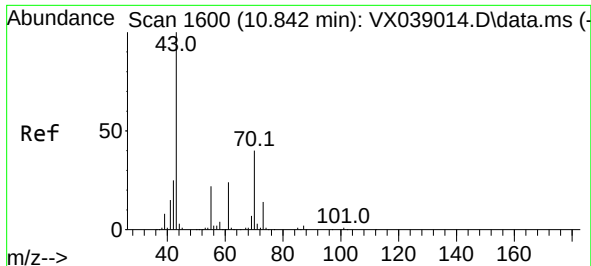
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#46
Methyl methacrylate
Concen: 21.149 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

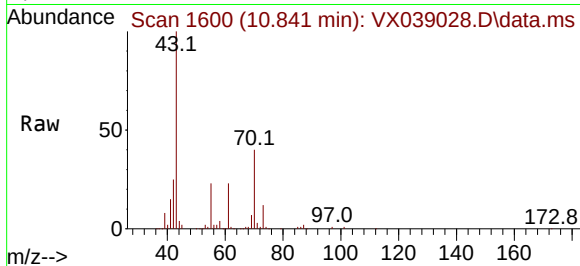
Tgt Ion: 41 Resp: 53824
Ion Ratio Lower Upper
41 100
69 80.1 39.6 118.8
39 63.1 30.1 90.3





#47
n-amyl acetate
Concen: 19.666 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

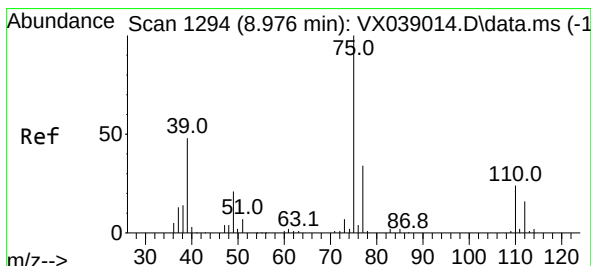
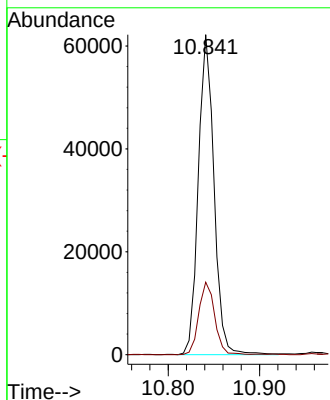
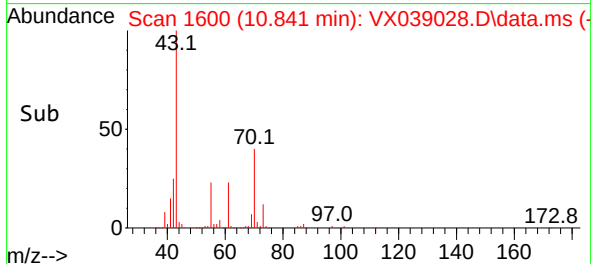
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 74095
Ion Ratio Lower Upper
43 100
55 22.8 18.2 27.2

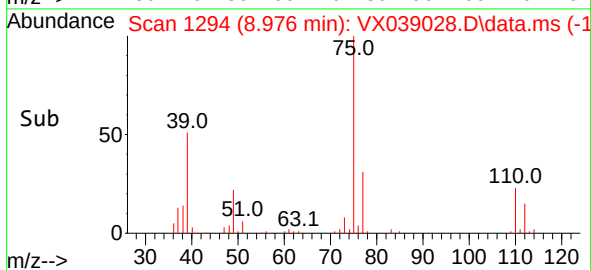
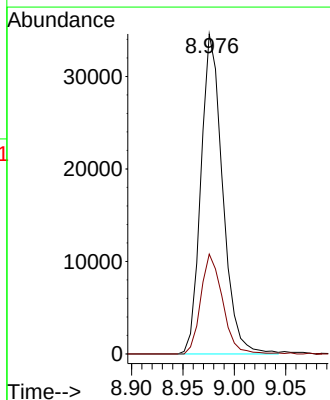
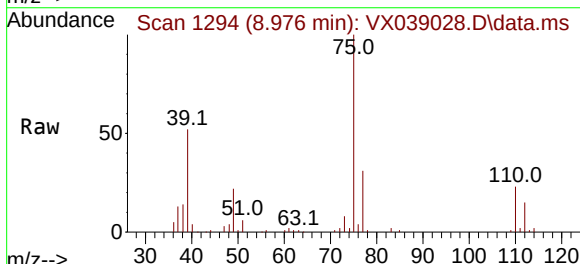
Manual Integrations
APPROVED

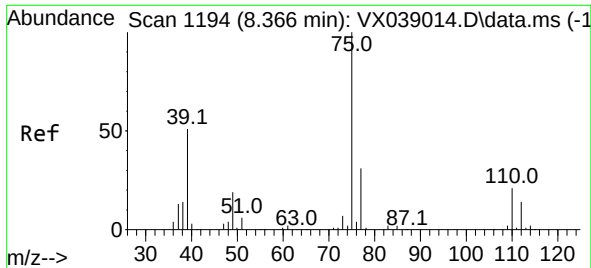
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.317 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 75 Resp: 50920
Ion Ratio Lower Upper
75 100
77 31.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.294 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

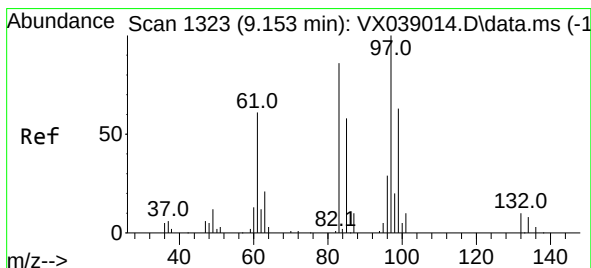
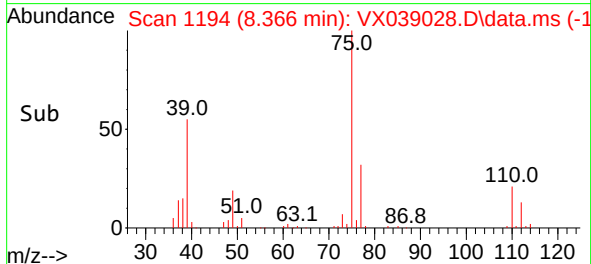
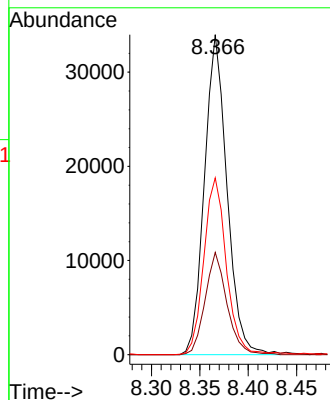
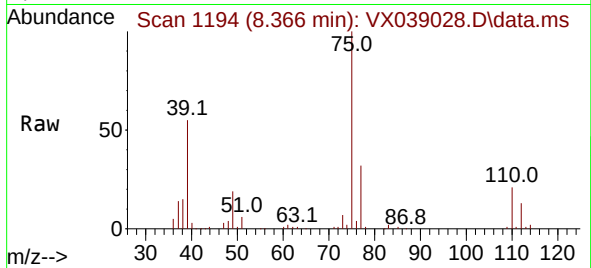
Tgt Ion: 75	Resp: 5518
Ion Ratio	Lower Upper
75	100
77	31.9 24.4 36.6
39	55.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#50

1,1,2-Trichloroethane

Concen: 20.589 ug/l

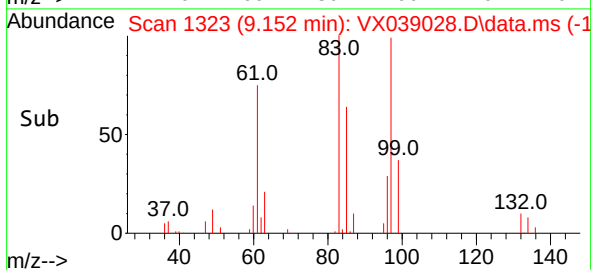
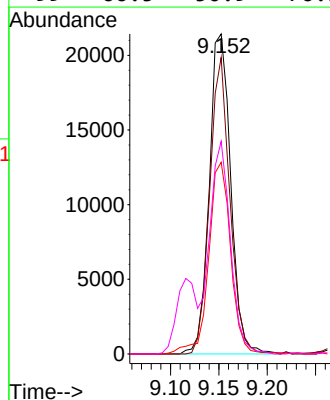
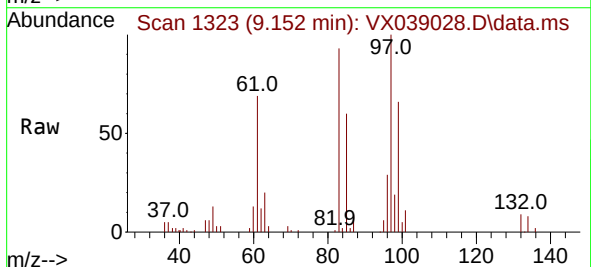
RT: 9.152 min Scan# 1323

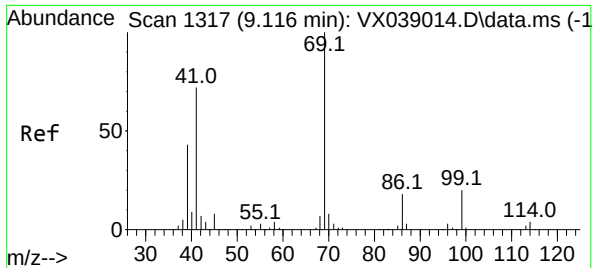
Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

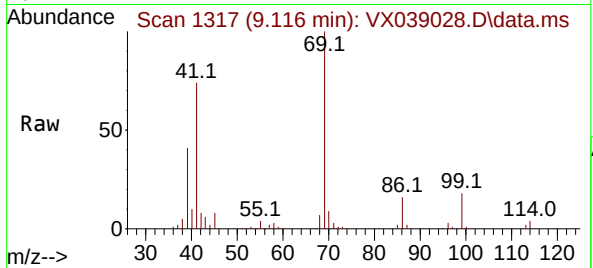
Tgt Ion: 97	Resp: 33097
Ion Ratio	Lower Upper
97	100
83	92.6 69.0 103.6
85	59.5 46.3 69.5
99	66.5 50.9 76.3





#51
Ethyl methacrylate
Concen: 20.496 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

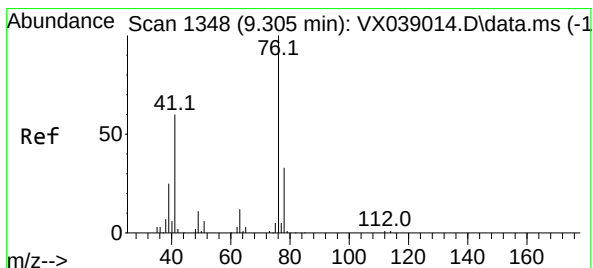
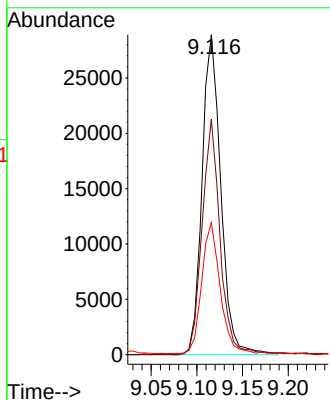
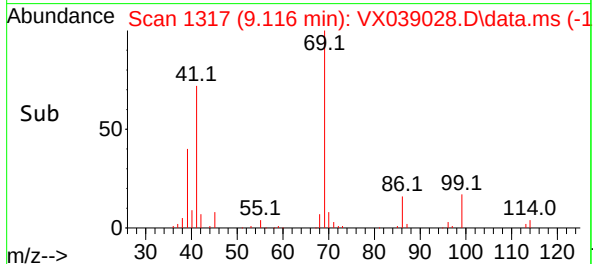
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



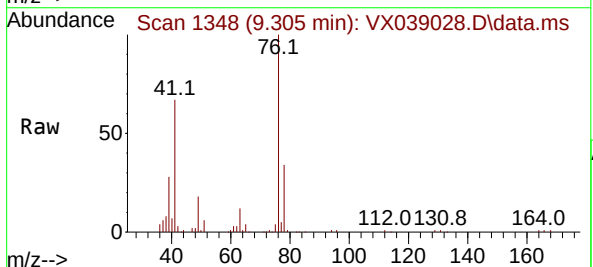
Tgt Ion: 69 Resp: 4124
Ion Ratio Lower Upper
69 100
41 73.6 36.2 108.6
39 40.9 21.1 63.4

Manual Integrations
APPROVED

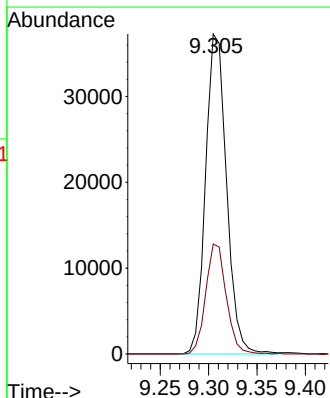
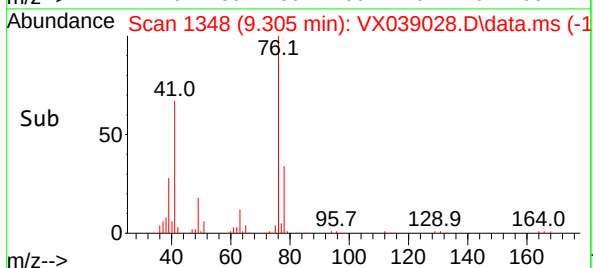
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

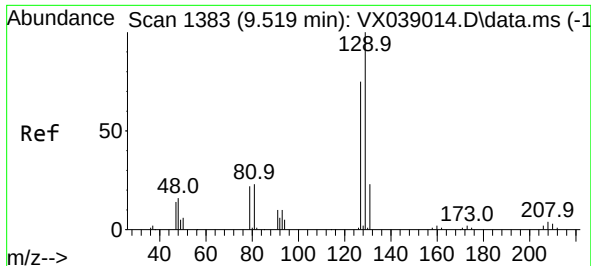


#52
1,3-Dichloropropane
Concen: 20.426 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



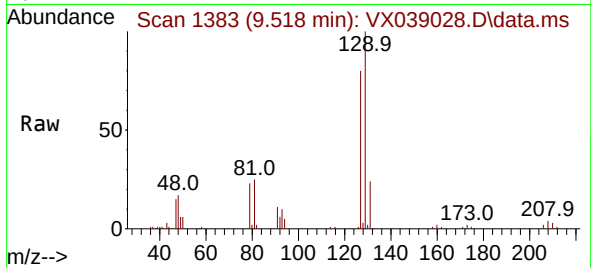
Tgt Ion: 76 Resp: 56301
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.0





#53
Dibromochloromethane
Concen: 19.281 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

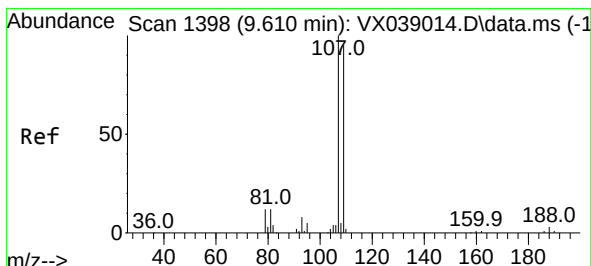
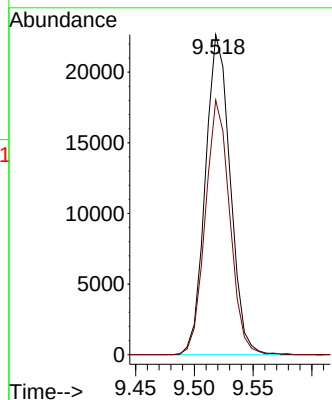
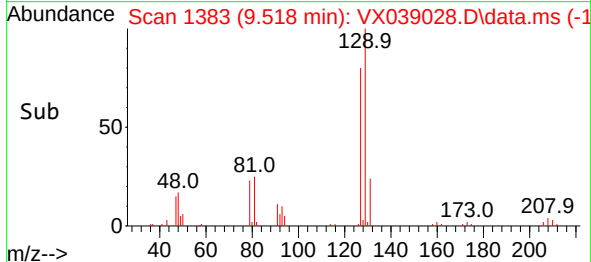
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 33280
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9

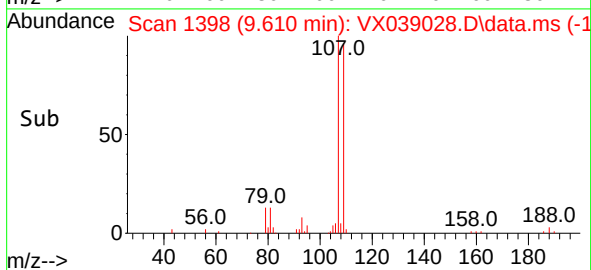
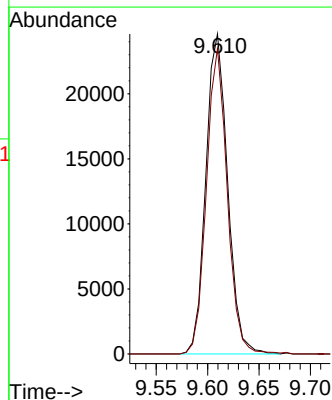
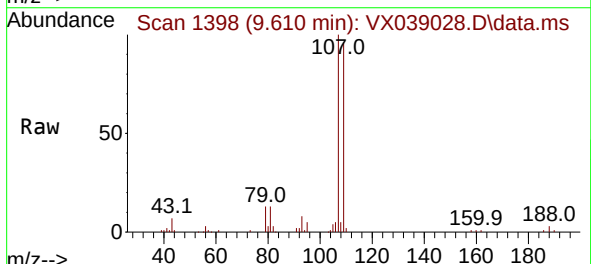
Manual Integrations
APPROVED

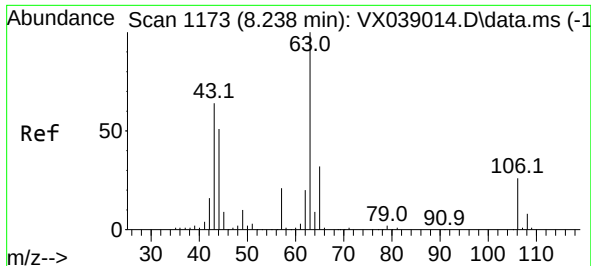
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#54
1,2-Dibromoethane
Concen: 20.573 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

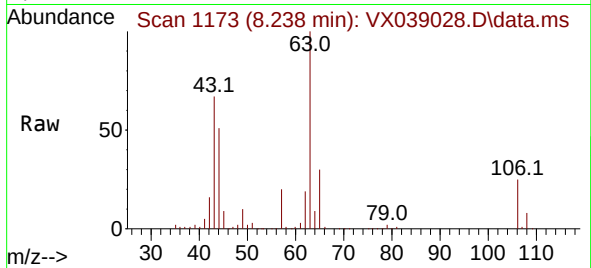
Tgt Ion:107 Resp: 36267
Ion Ratio Lower Upper
107 100
109 91.3 75.1 112.7





#55
2-Chloroethyl vinyl ether
Concen: 101.001 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

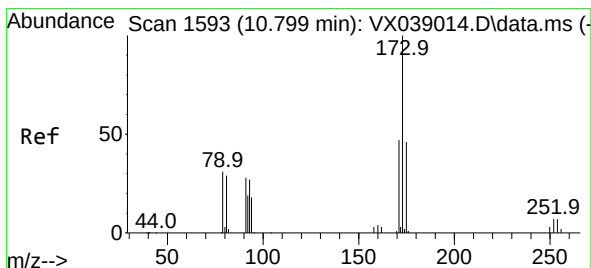
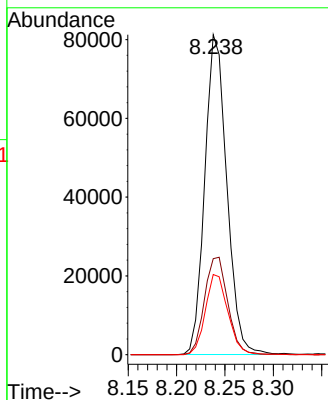
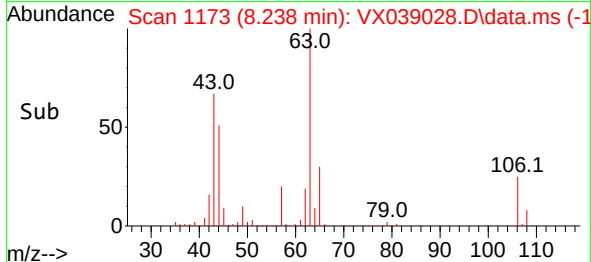
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 128819
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 25.6 20.6 31.0

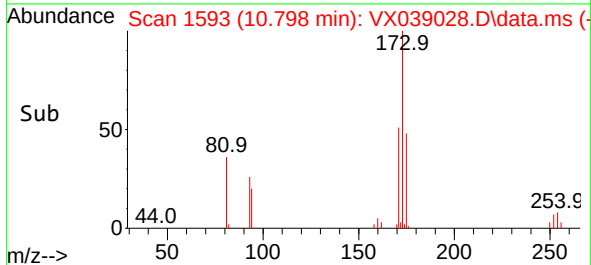
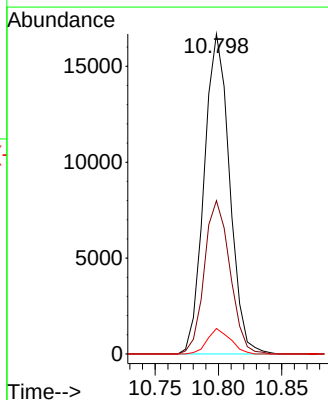
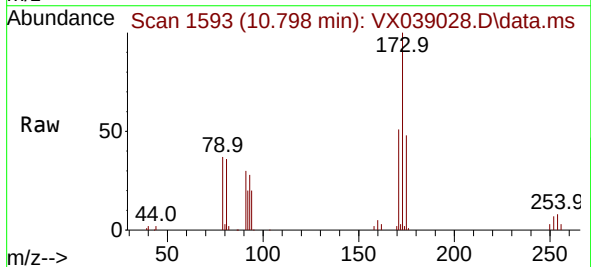
Manual Integrations
APPROVED

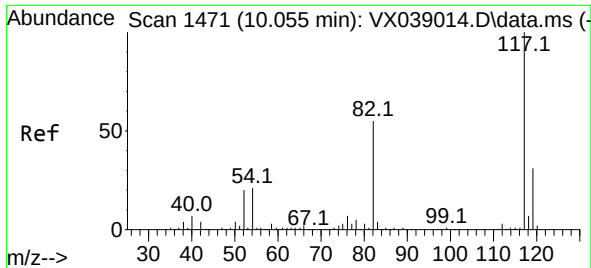
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#56
Bromoform
Concen: 18.731 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion:173 Resp: 23338
Ion Ratio Lower Upper
173 100
175 48.3 37.6 56.4
254 7.2 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: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

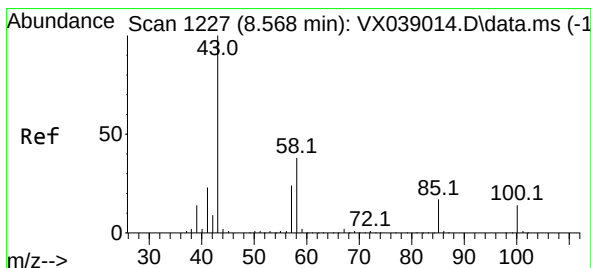
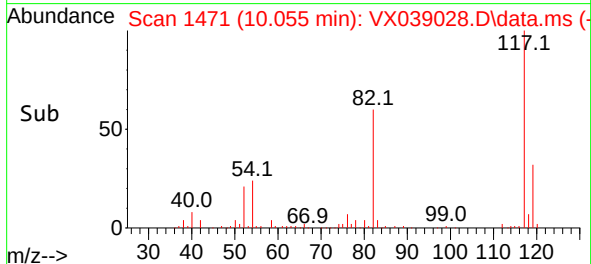
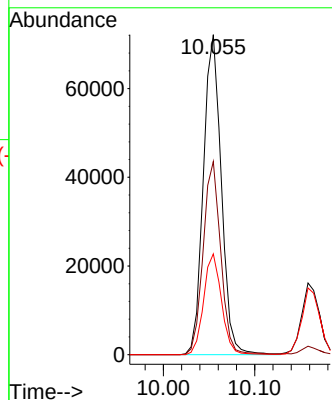
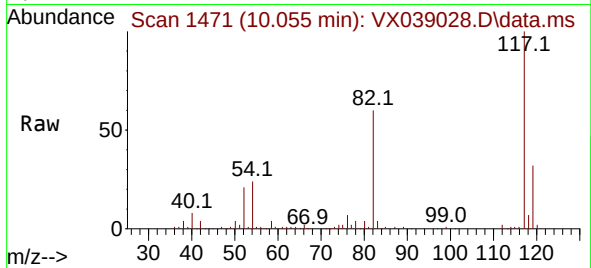
VSTDCCC020EC

Tgt Ion:117 Resp: 9833
Ion Ratio Lower Upper
117 100
82 59.2 47.0 70.6
119 31.5 25.2 37.8

Manual Integrations

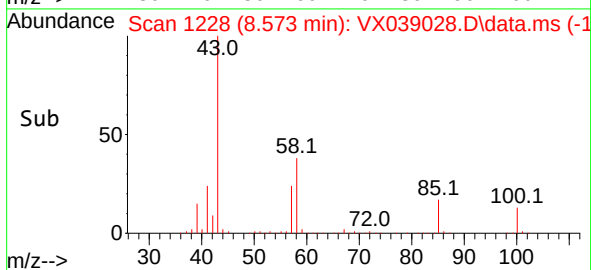
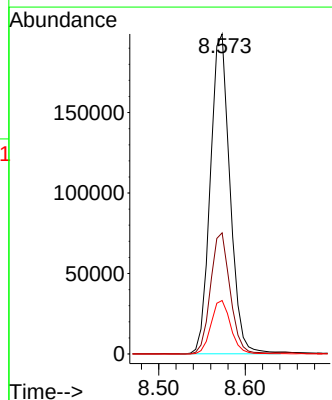
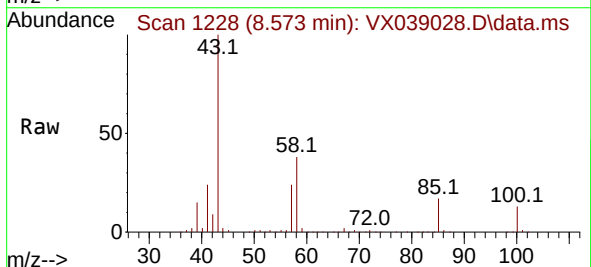
APPROVED

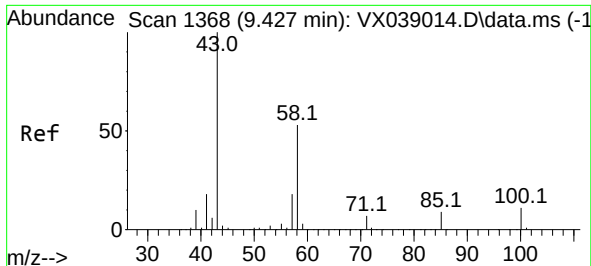
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#58
4-Methyl-2-Pentanone
Concen: 104.831 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

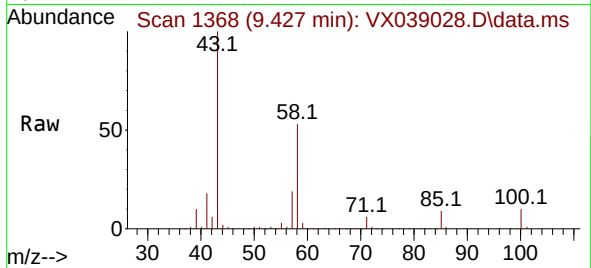
Tgt Ion: 43 Resp: 312592
Ion Ratio Lower Upper
43 100
58 37.8 30.1 45.1
85 16.8 13.9 20.9





#59
2-Hexanone
Concen: 102.380 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

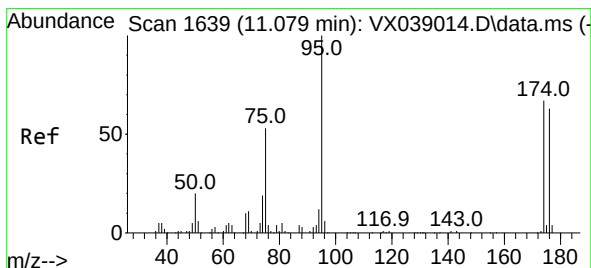
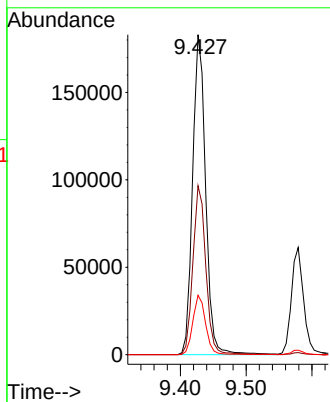
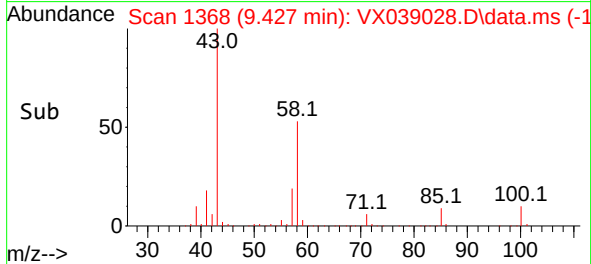
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 250589
Ion Ratio Lower Upper
43 100
58 52.6 42.7 64.1
57 18.2 14.8 22.2

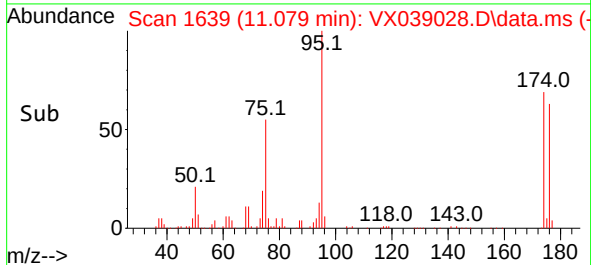
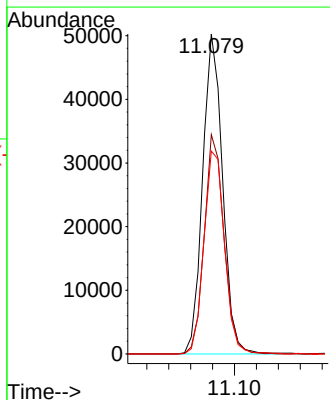
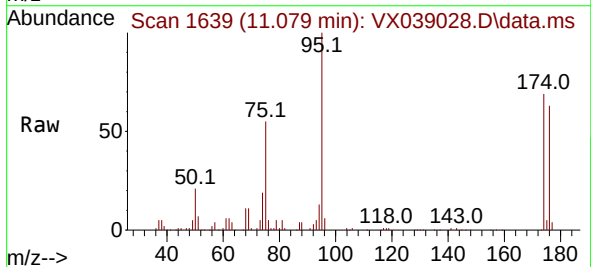
Manual Integrations
APPROVED

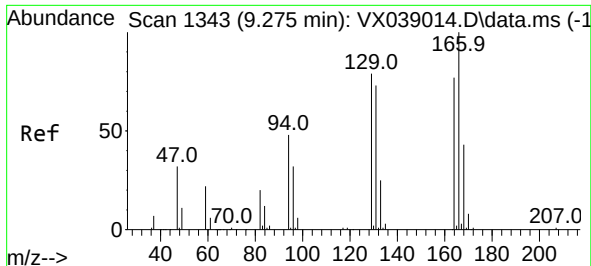
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#60
4-Bromofluorobenzene
Concen: 29.559 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 95 Resp: 63484
Ion Ratio Lower Upper
95 100
174 67.8 55.4 83.2
176 65.6 52.6 78.8





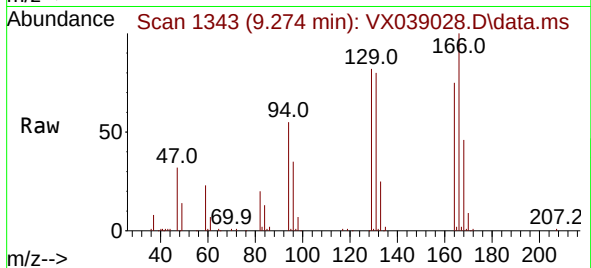
#61
Tetrachloroethene
Concen: 19.968 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



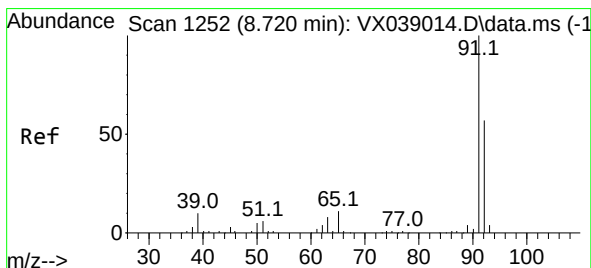
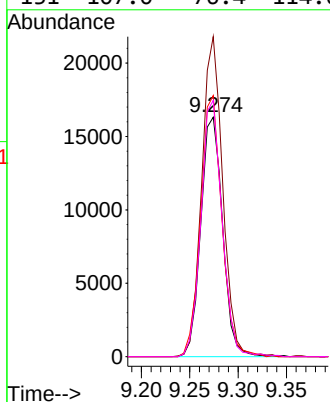
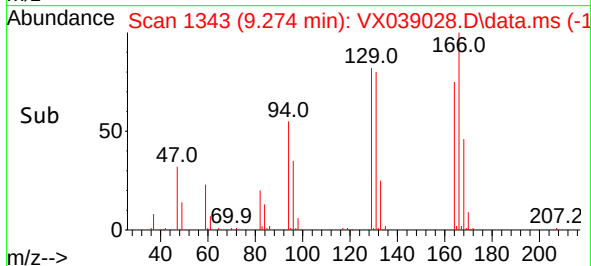
Tgt Ion:164 Resp: 25528
Ion Ratio Lower Upper
164 100
166 133.6 104.0 156.0
129 109.0 82.0 123.0
131 107.0 76.4 114.6

Manual Integrations

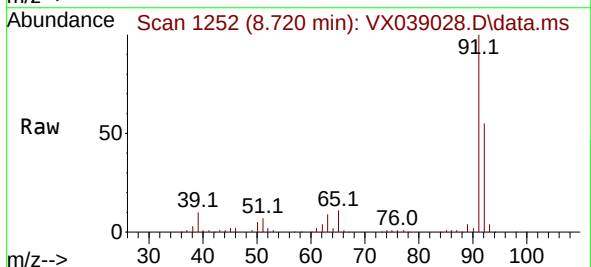
APPROVED

Reviewed By :John Carlone 11/27/2023

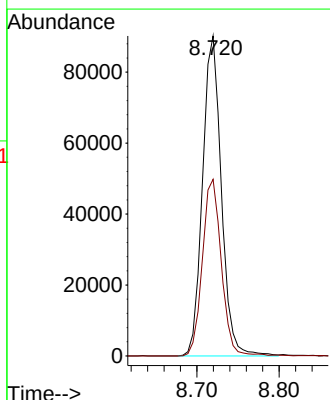
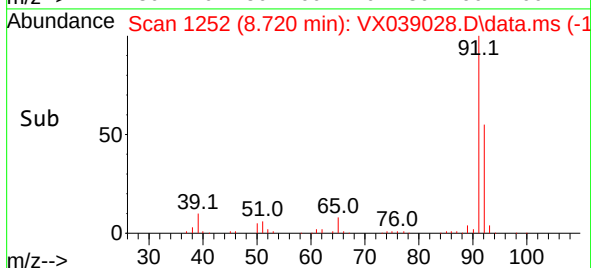
Supervised By :Mahesh Dadoda 11/27/2023

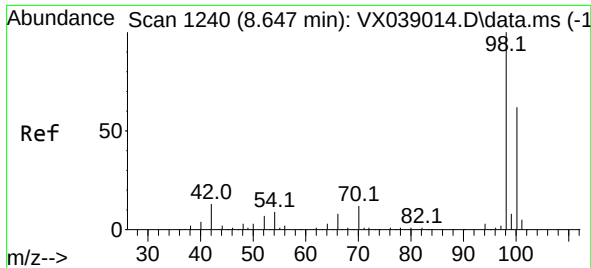


#62
Toluene
Concen: 20.541 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



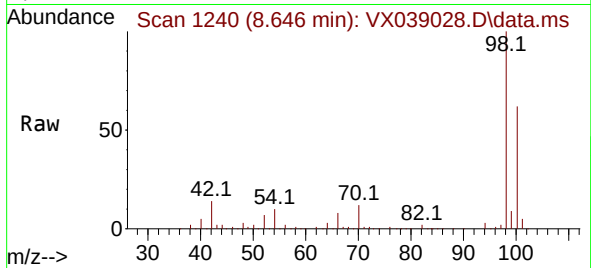
Tgt Ion: 91 Resp: 143403
Ion Ratio Lower Upper
91 100
92 55.2 45.9 68.9





#63
Toluene-d8
Concen: 30.571 ug/l
RT: 8.646 min Scan# 118849
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

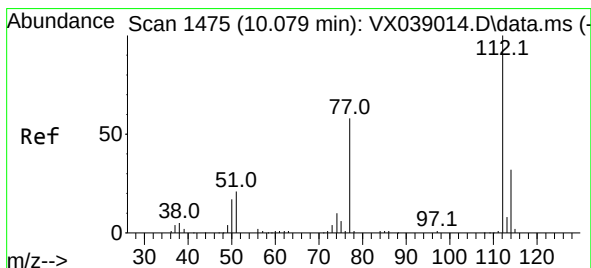
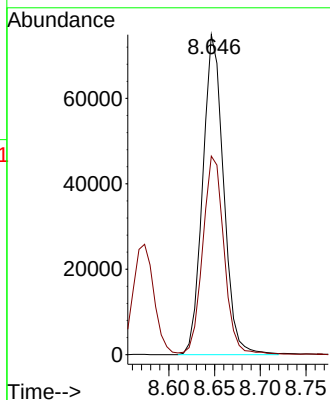
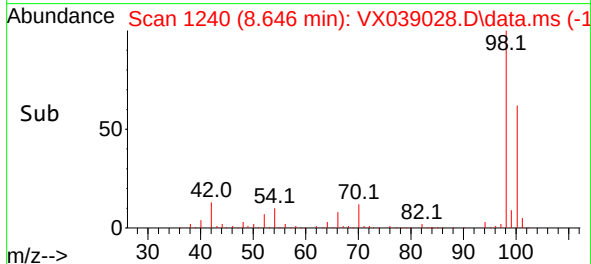
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



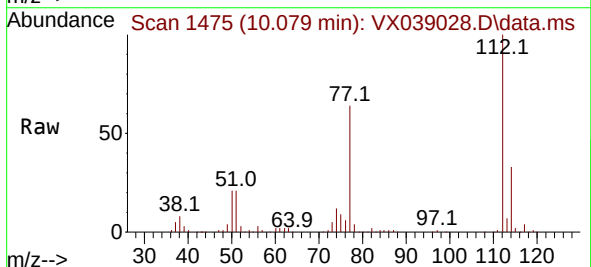
Tgt Ion: 98 Resp: 118849
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

Manual Integrations
APPROVED

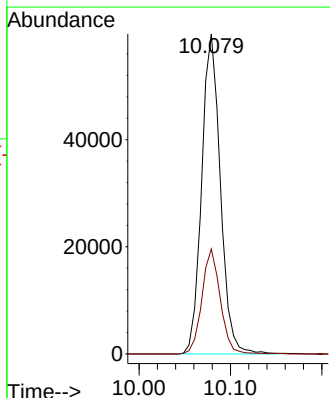
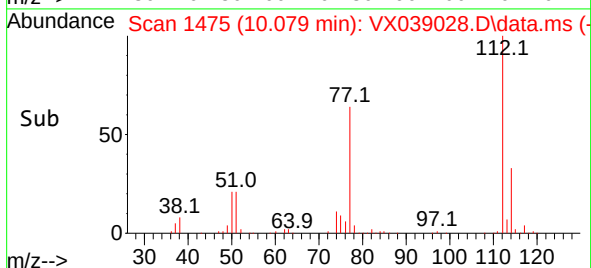
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

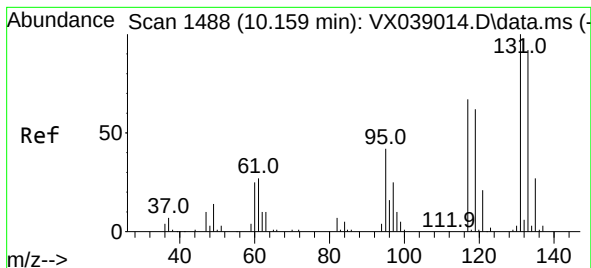


#64
Chlorobenzene
Concen: 20.006 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



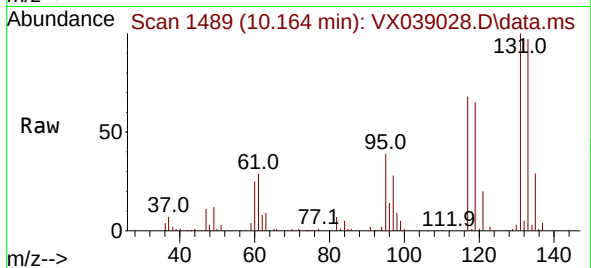
Tgt Ion:112 Resp: 84956
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.871 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

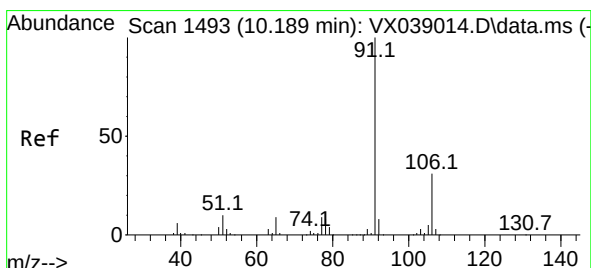
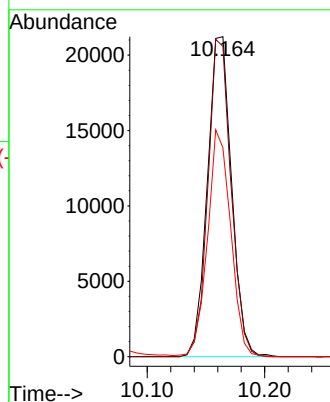
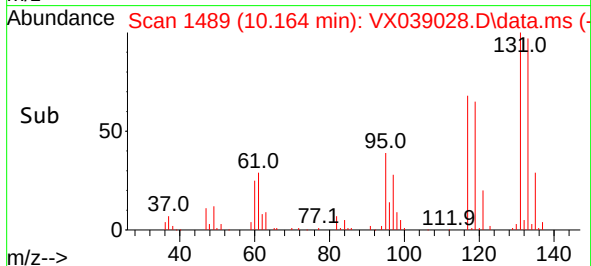
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 30390
Ion Ratio Lower Upper
131 100
133 94.9 0.0 191.8
119 67.7 0.0 135.4

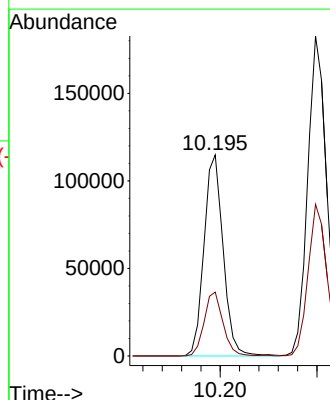
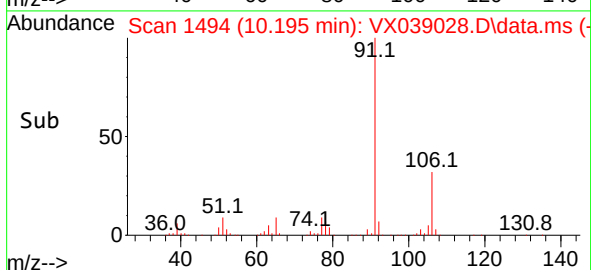
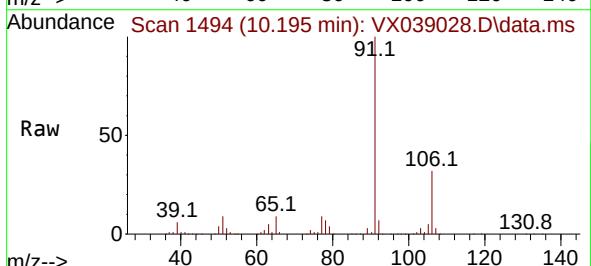
Manual Integrations
APPROVED

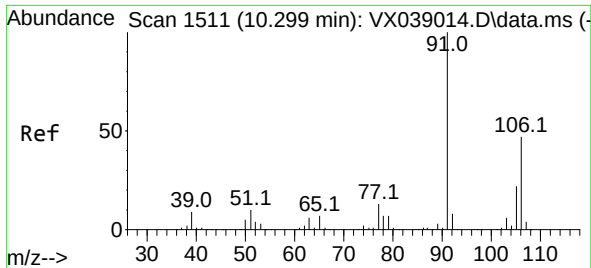
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#66
Ethyl Benzene
Concen: 19.908 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 91 Resp: 158256
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6





#67

m/p-Xylenes

Concen: 40.065 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:106 Resp: 11769

Ion Ratio Lower Upper

106 100

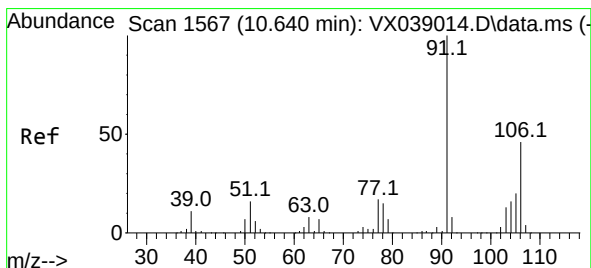
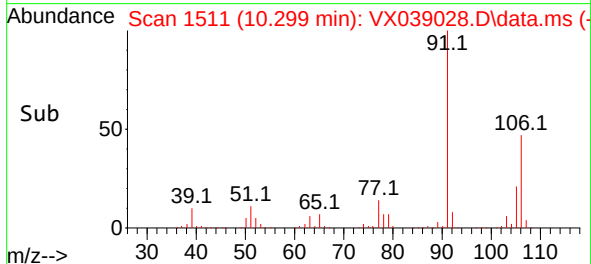
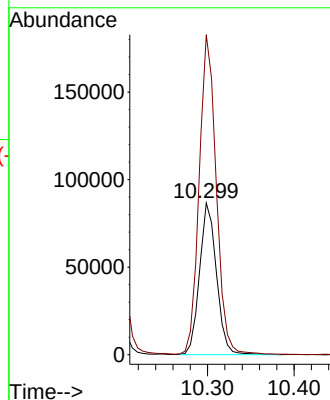
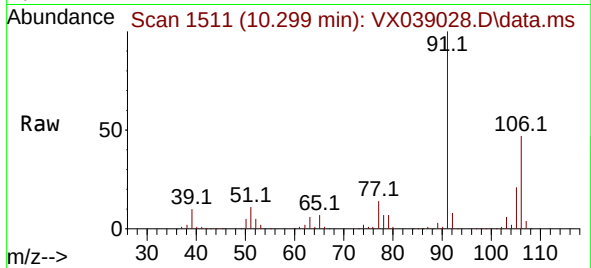
91 212.4 169.4 254.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#68

o-Xylene

Concen: 19.773 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039028.D

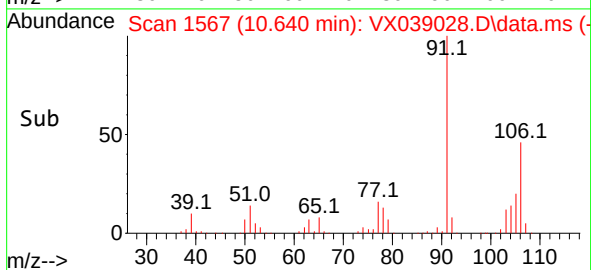
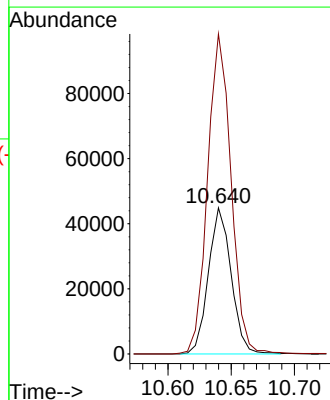
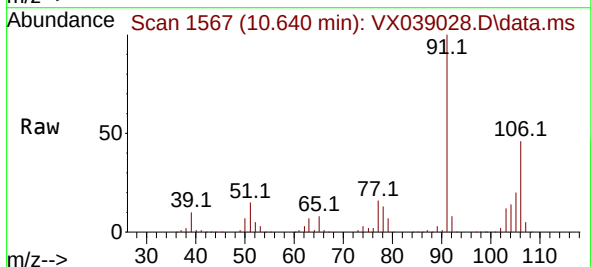
Acq: 24 Nov 2023 16:41

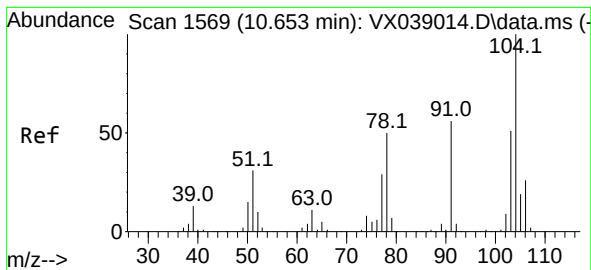
Tgt Ion:106 Resp: 56264

Ion Ratio Lower Upper

106 100

91 224.0 111.2 333.6





#69

Styrene

Concen: 20.116 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

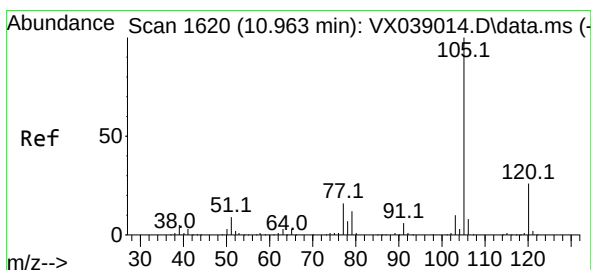
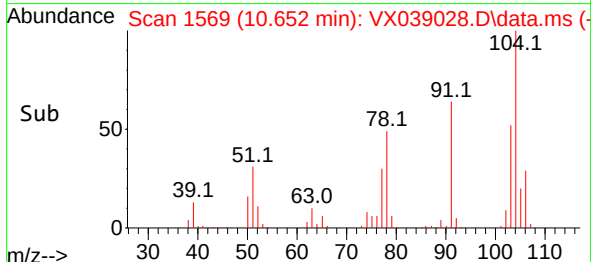
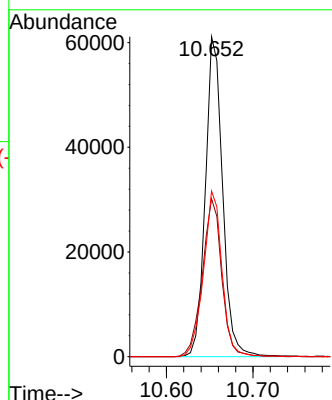
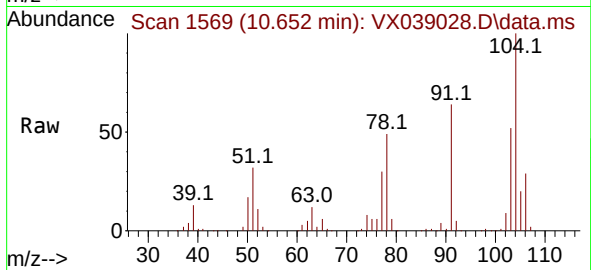
Tgt Ion:104 Resp: 84712
 Ion Ratio Lower Upper
 104 100
 78 55.2 43.7 65.5
 103 55.4 44.6 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#70

Isopropylbenzene

Concen: 20.009 ug/l

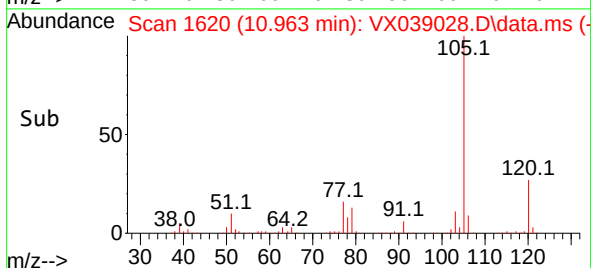
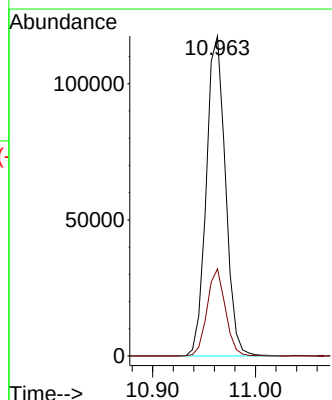
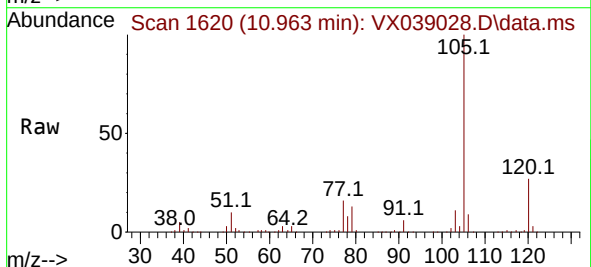
RT: 10.963 min Scan# 1620

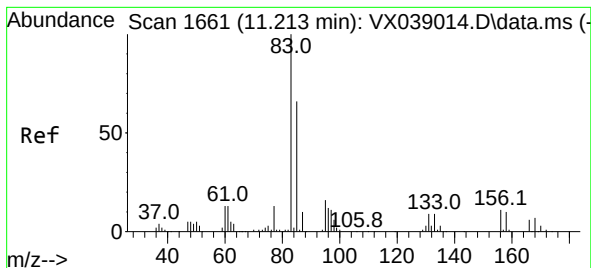
Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Tgt Ion:105 Resp: 152333
 Ion Ratio Lower Upper
 105 100
 120 26.0 18.5 34.3





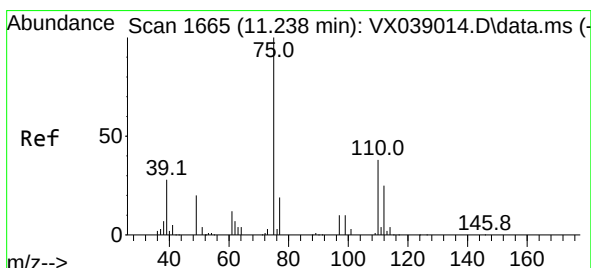
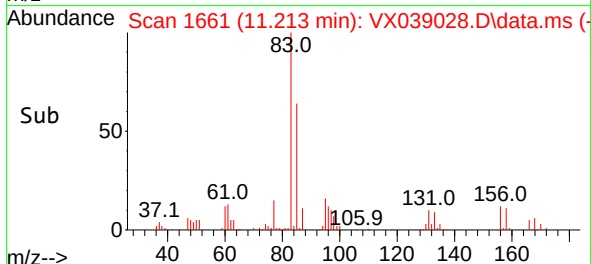
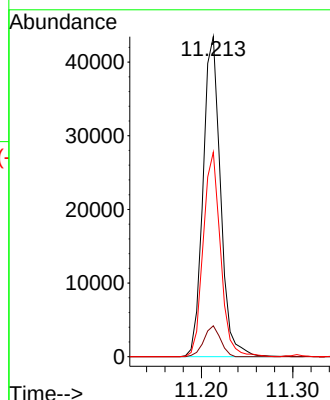
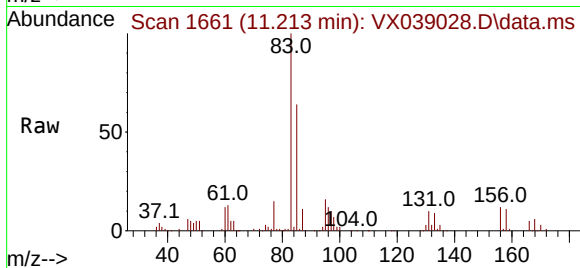
#71
1,1,2,2-Tetrachloroethane
Concen: 20.285 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 57652
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 63.2 32.5 97.4

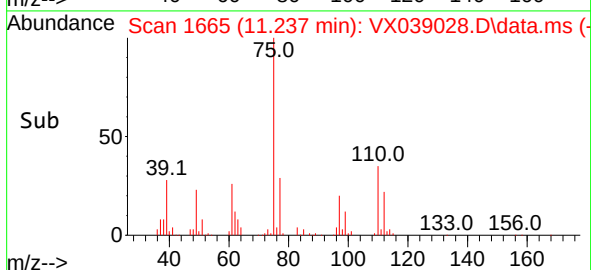
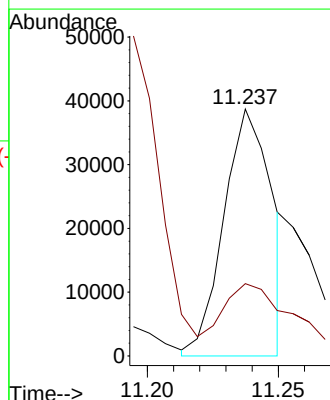
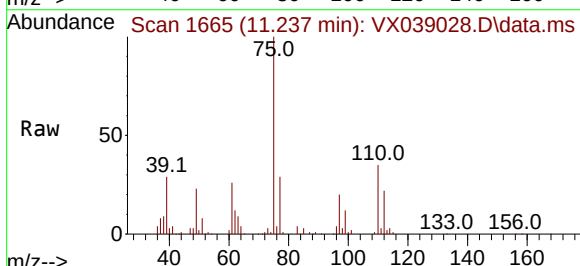
Manual Integrations
APPROVED

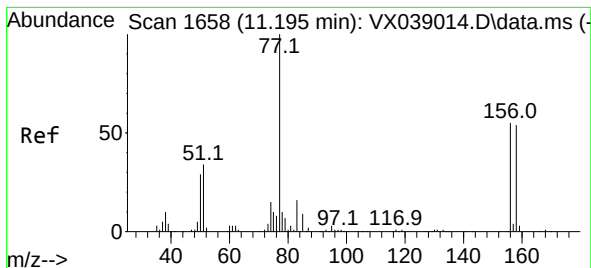
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#72
1,2,3-Trichloropropane
Concen: 20.579 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 75 Resp: 49490
Ion Ratio Lower Upper
75 100
77 43.3 0.0 76.4





#73

Bromobenzene

Concen: 19.795 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

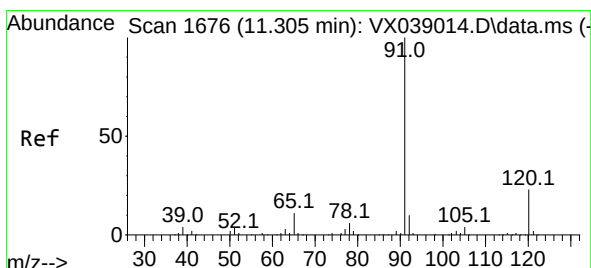
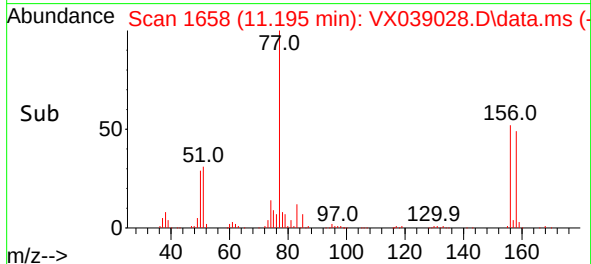
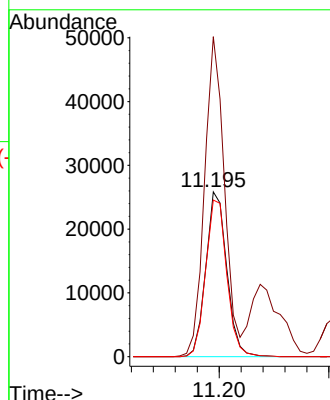
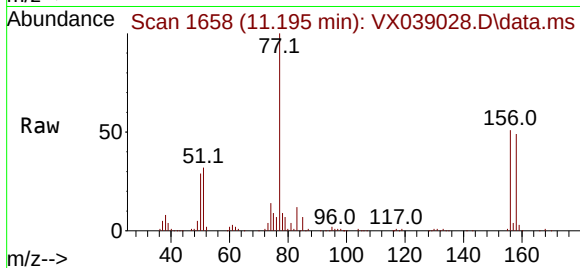
Tgt Ion:	156	Resp:	34310
Ion Ratio	Lower	Upper	
156	100		
77	183.6	0.0	363.2
158	96.2	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/27/2023

Supervised By :Mahesh Dadoda 11/27/2023



#74

n-propylbenzene

Concen: 20.101 ug/l

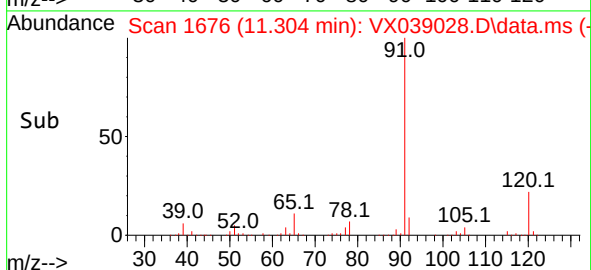
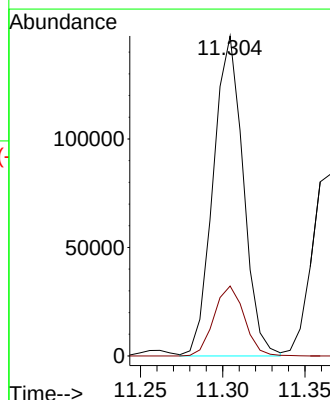
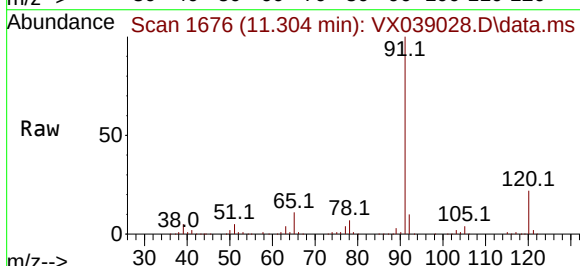
RT: 11.304 min Scan# 1676

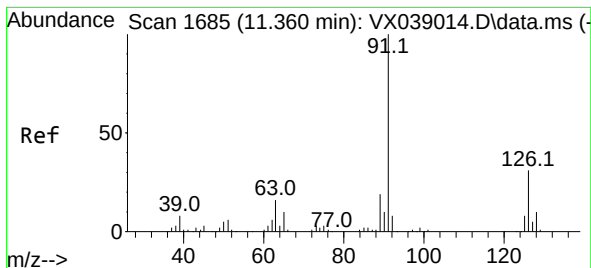
Delta R.T. -0.000 min

Lab File: VX039028.D

Acq: 24 Nov 2023 16:41

Tgt Ion:	91	Resp:	187488
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.4





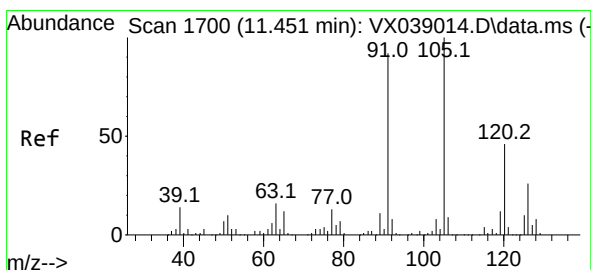
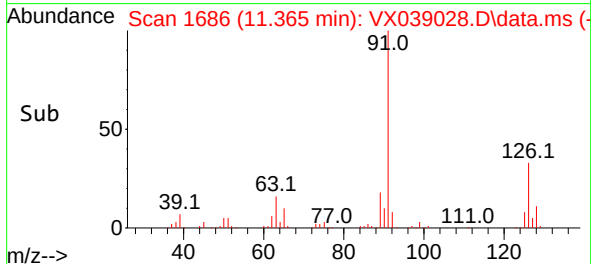
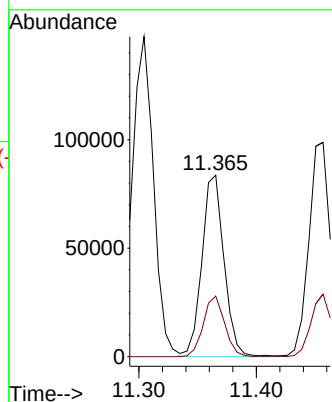
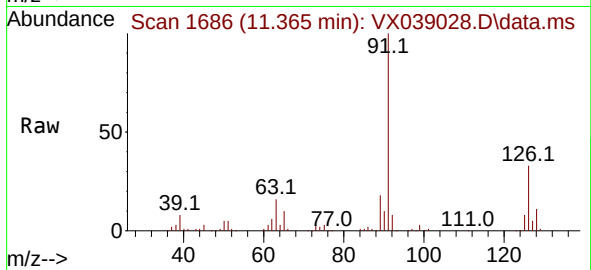
#75
2-Chlorotoluene
Concen: 19.988 ug/l
RT: 11.365 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 109384
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.2

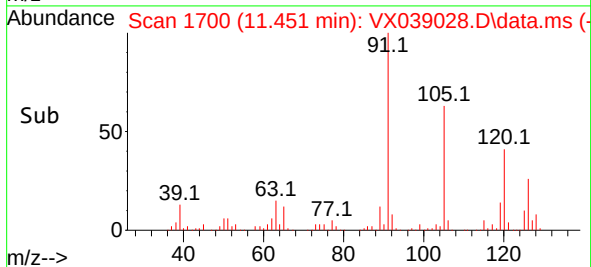
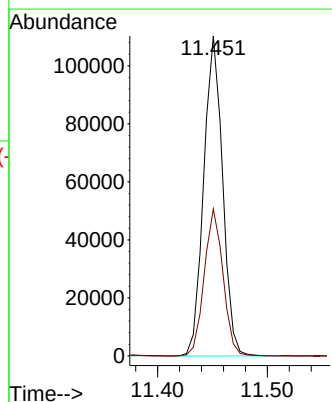
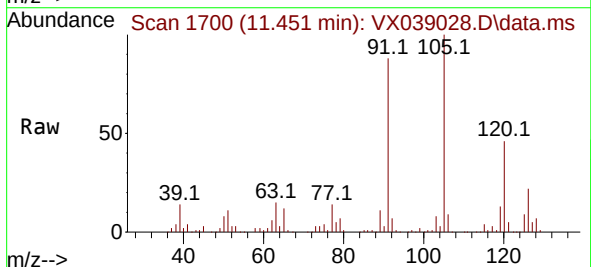
Manual Integrations
APPROVED

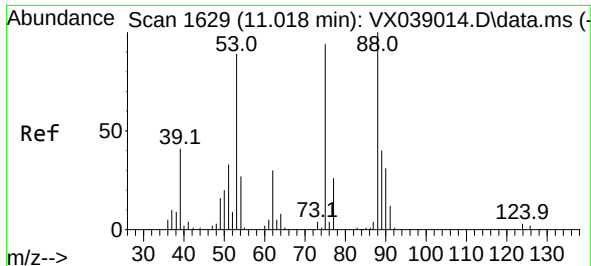
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.114 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion:105 Resp: 131920
Ion Ratio Lower Upper
105 100
120 45.7 0.0 92.6





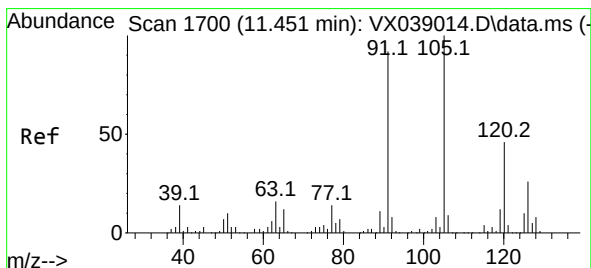
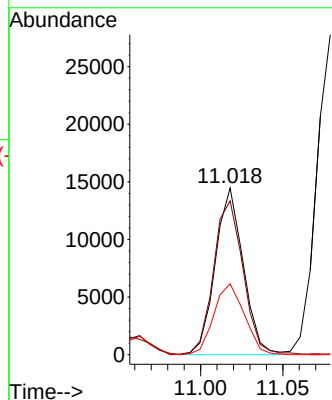
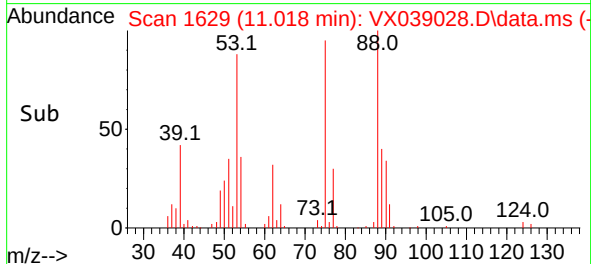
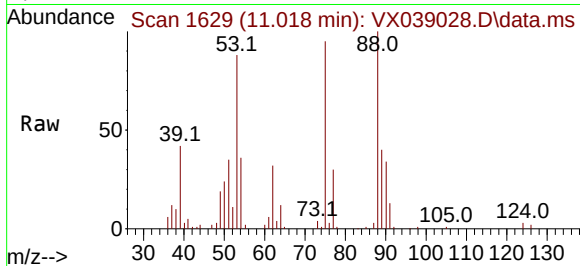
#77
t-1,4-Dichloro-2-butene
Concen: 17.980 ug/l
RT: 11.018 min Scan# 17134
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 17134
Ion Ratio Lower Upper
75 100
53 91.8 46.9 140.8
89 42.5 21.3 63.7

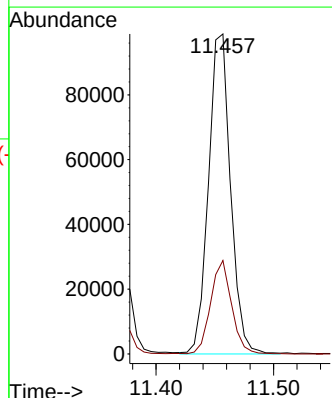
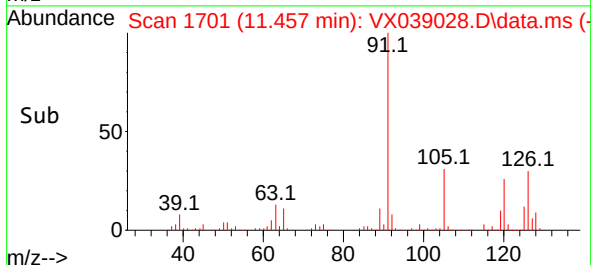
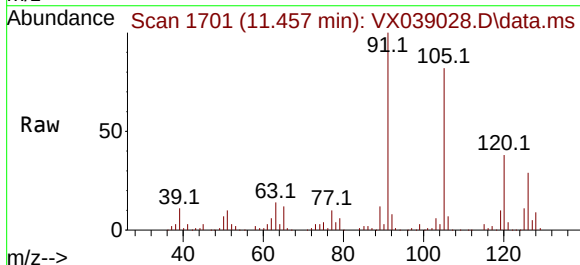
Manual Integrations
APPROVED

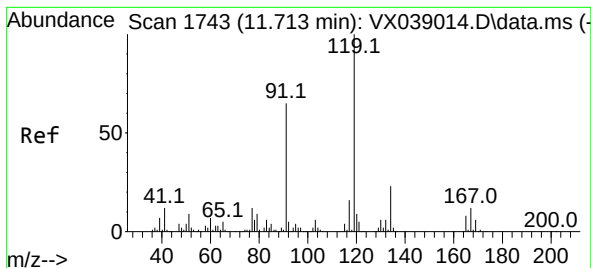
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#78
4-Chlorotoluene
Concen: 20.098 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

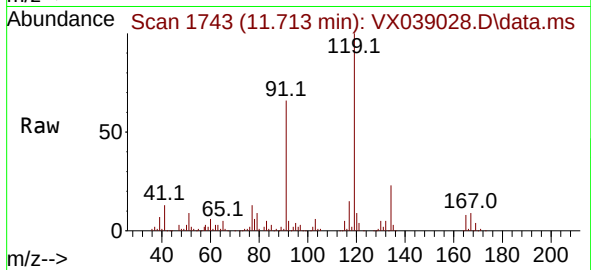
Tgt Ion: 91 Resp: 129309
Ion Ratio Lower Upper
91 100
126 27.5 0.0 57.4





#79
tert-butylbenzene
Concen: 20.019 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

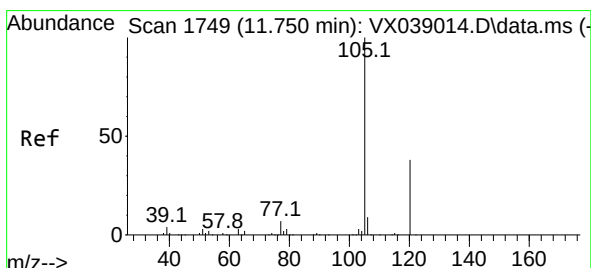
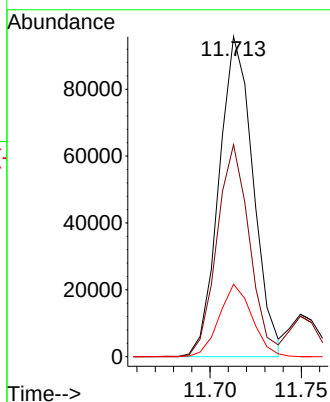
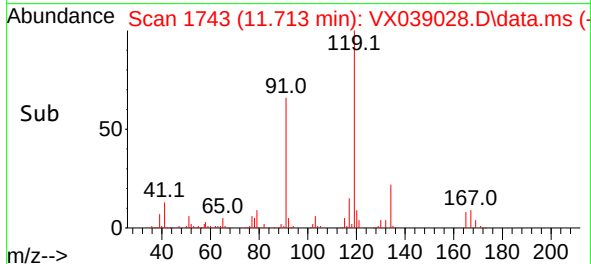
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



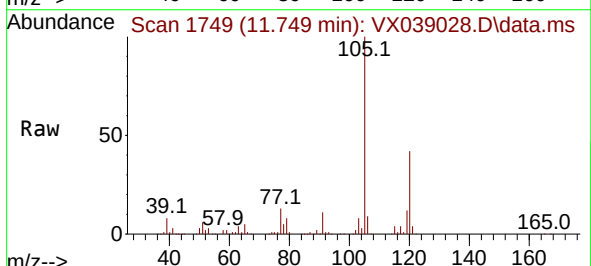
Tgt Ion:119 Resp: 124850
Ion Ratio Lower Upper
119 100
91 63.4 0.0 125.6
134 21.7 0.0 43.8

Manual Integrations
APPROVED

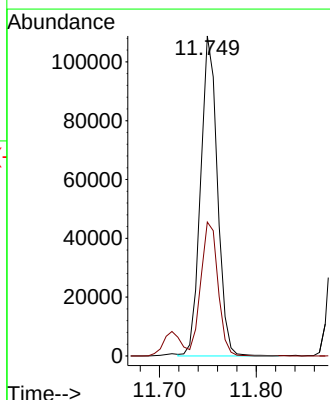
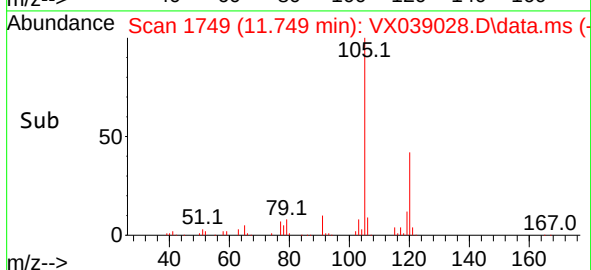
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

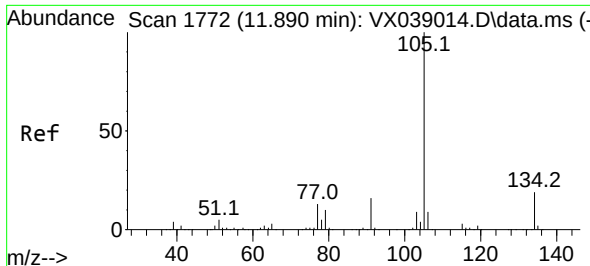


#80
1,2,4-Trimethylbenzene
Concen: 20.075 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



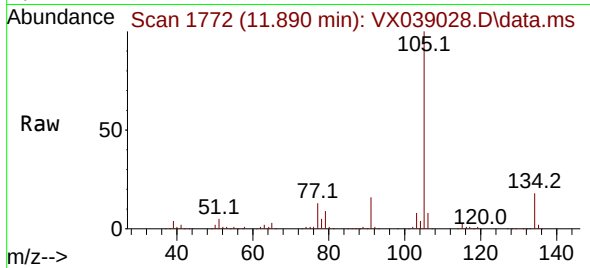
Tgt Ion:105 Resp: 131775
Ion Ratio Lower Upper
105 100
120 42.4 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 20.159 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX039028.D
 Acq: 24 Nov 2023 16:41

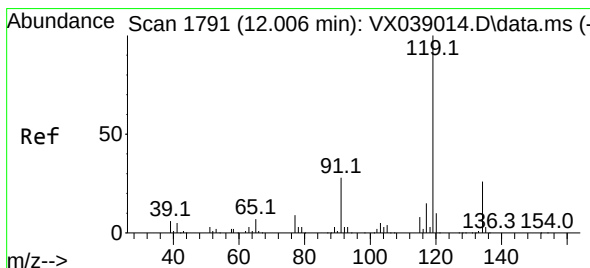
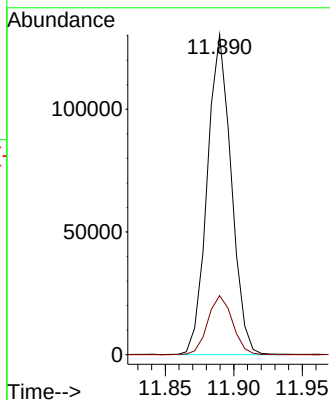
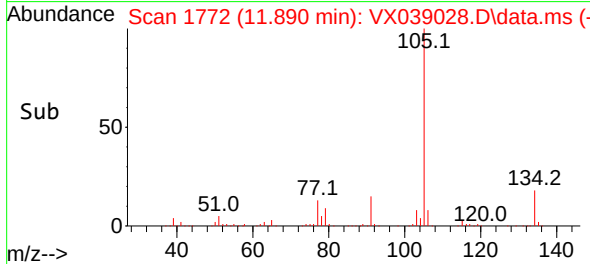
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



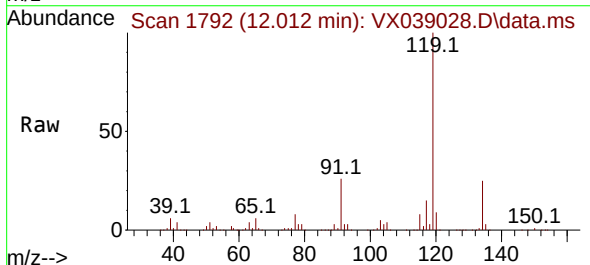
Tgt Ion:105 Resp: 158930
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.4

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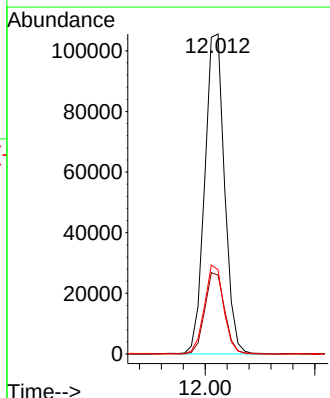
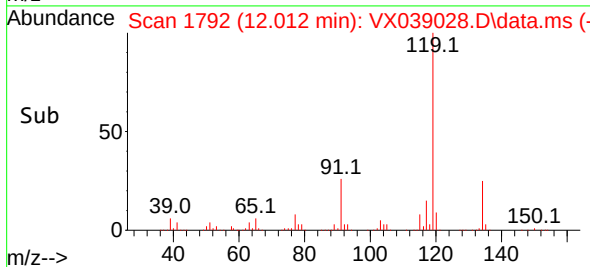
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023

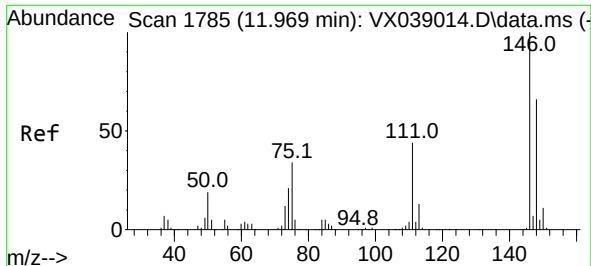


#82
 p-Isopropyltoluene
 Concen: 19.790 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039028.D
 Acq: 24 Nov 2023 16:41



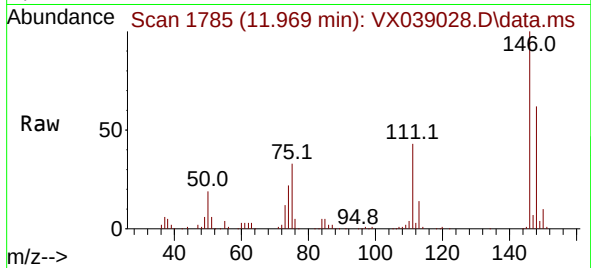
Tgt Ion:119 Resp: 132237
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.6
 91 27.1 0.0 54.2





#83
1,3-Dichlorobenzene
Concen: 20.226 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

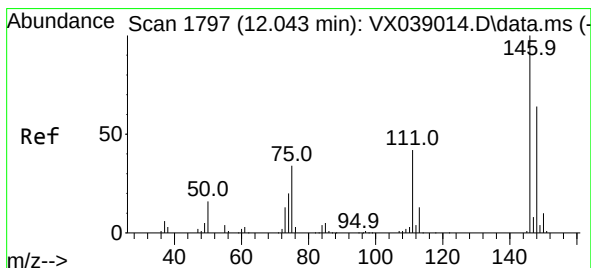
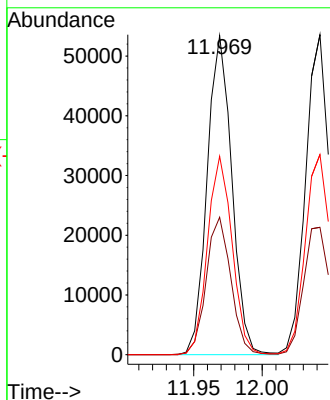
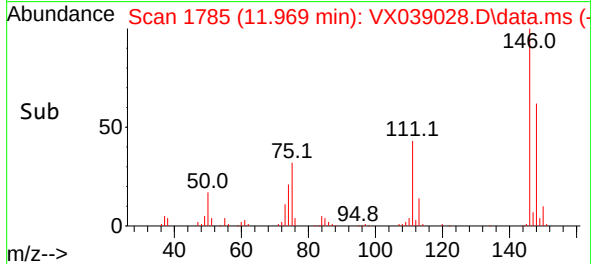
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



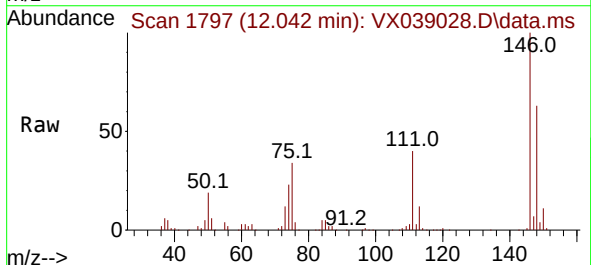
Tgt Ion:146 Resp: 67090
Ion Ratio Lower Upper
146 100
111 42.5 22.3 66.9
148 62.0 32.8 98.3

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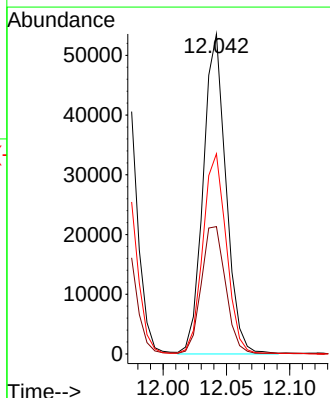
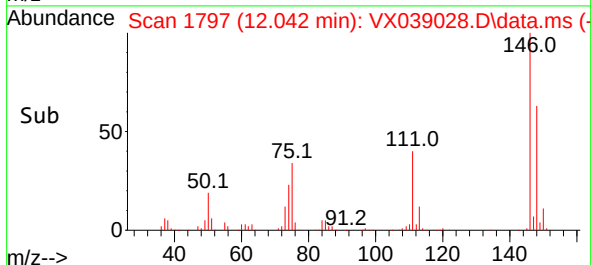
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023

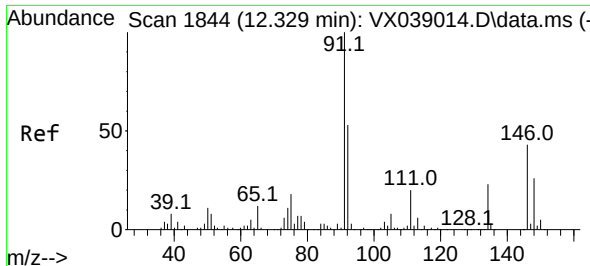


#84
1,4-Dichlorobenzene
Concen: 19.789 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



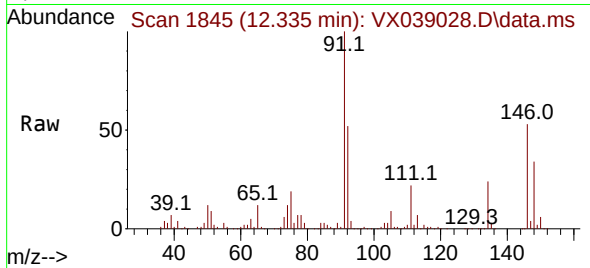
Tgt Ion:146 Resp: 67354
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.8 31.8 95.4





#85
n-Butylbenzene
Concen: 19.262 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

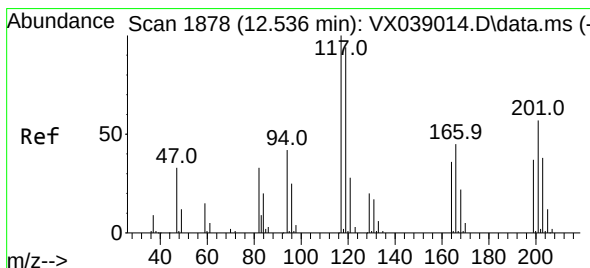
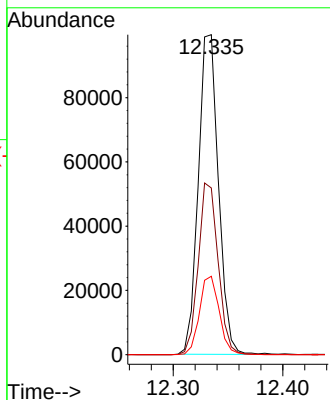
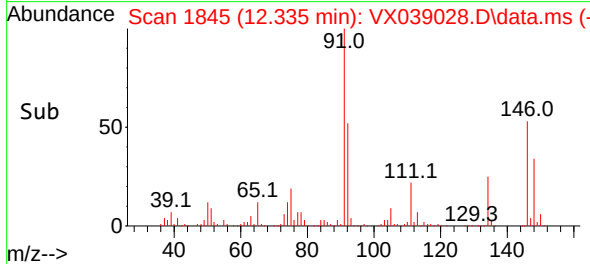
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 12710
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.2
134 24.1 0.0 48.8

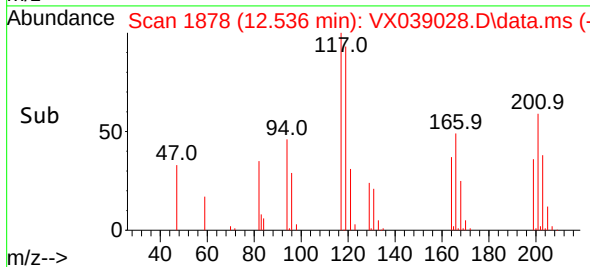
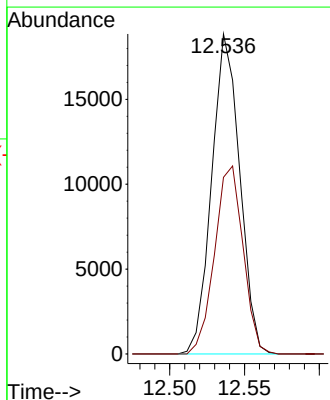
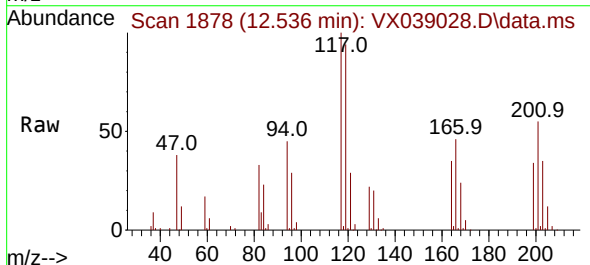
Manual Integrations
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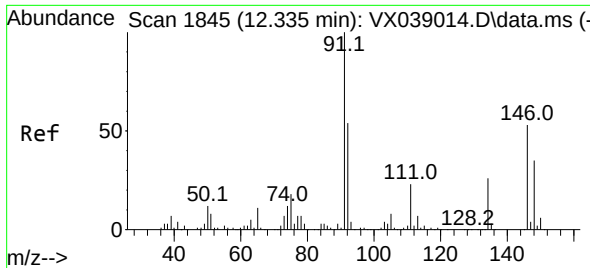
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#86
Hexachloroethane
Concen: 19.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

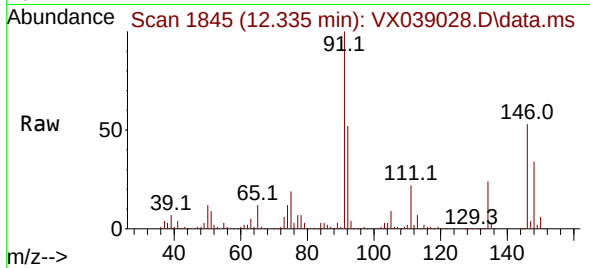
Tgt Ion:117 Resp: 24559
Ion Ratio Lower Upper
117 100
201 59.8 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

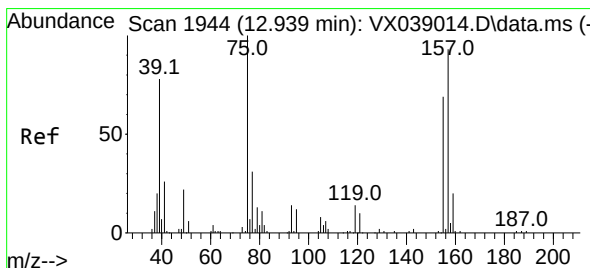
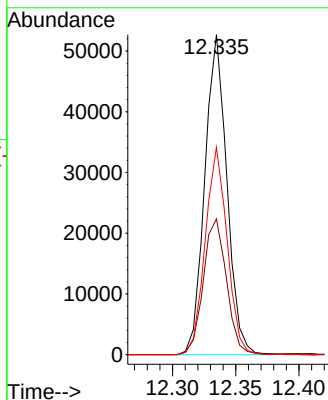
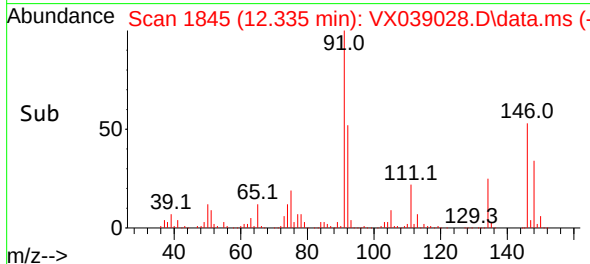
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 64114
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.2
148 64.4 31.9 95.7

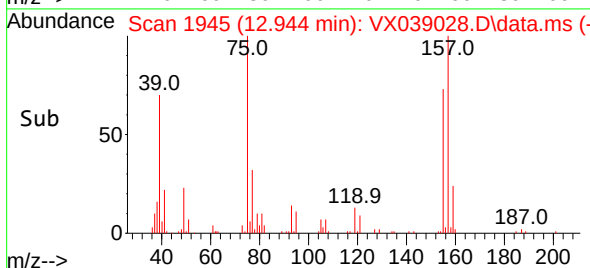
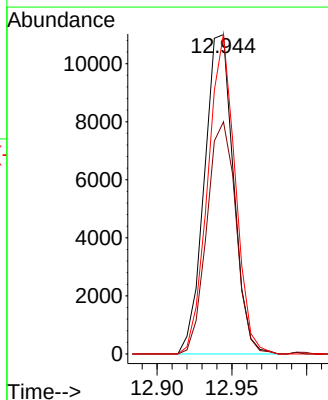
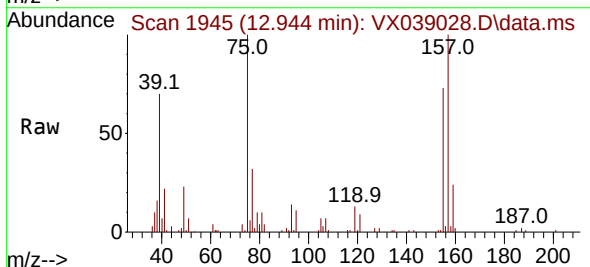
Manual Integrations
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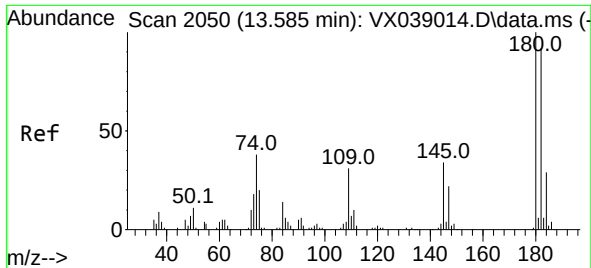
Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.520 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

Tgt Ion: 75 Resp: 14915
Ion Ratio Lower Upper
75 100
155 72.5 58.2 87.4
157 93.8 76.5 114.7





#89
 1,2,4-Trichlorobenzene
 Concen: 19.660 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039028.D
 Acq: 24 Nov 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

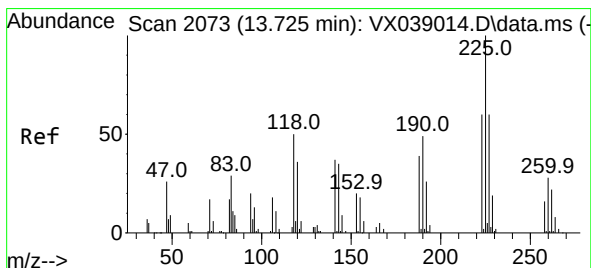
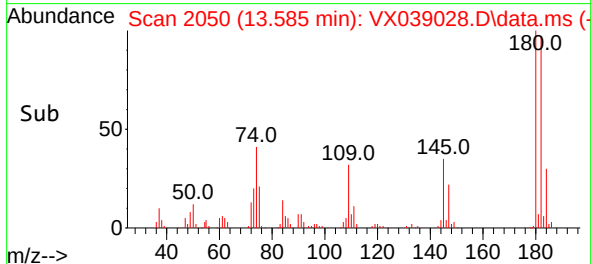
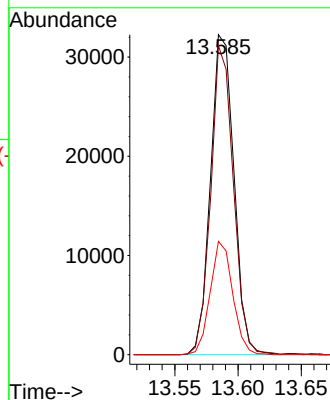
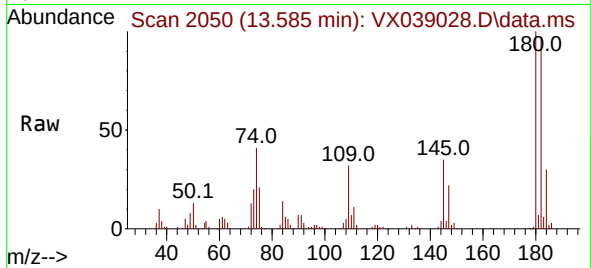
VSTDCCC020EC

Tgt Ion:180 Resp: 41570
 Ion Ratio Lower Upper
 180 100
 182 93.1 74.5 111.7
 145 34.1 26.6 40.0

Manual Integrations

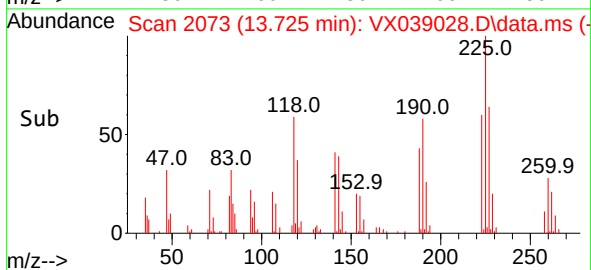
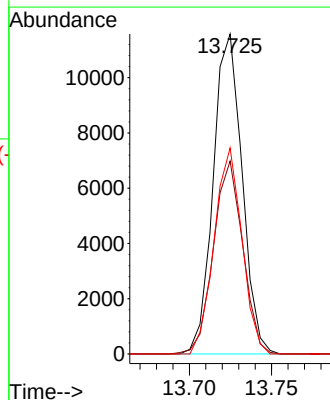
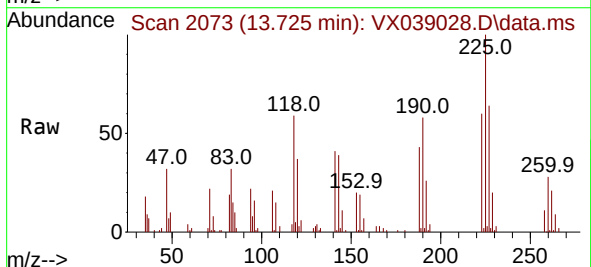
APPROVED

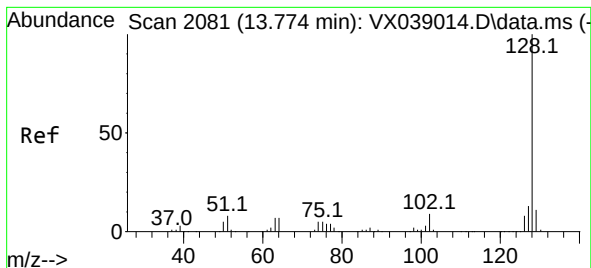
Reviewed By :John Carlone 11/27/2023
 Supervised By :Mahesh Dadoda 11/27/2023



#90
 Hexachlorobutadiene
 Concen: 18.723 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX039028.D
 Acq: 24 Nov 2023 16:41

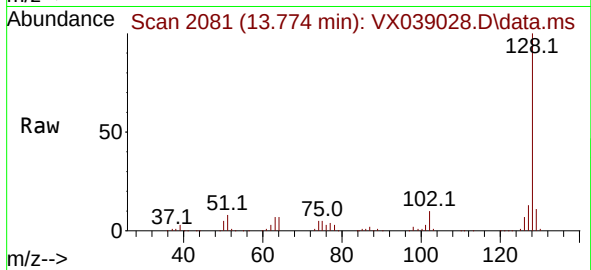
Tgt Ion:225 Resp: 14138
 Ion Ratio Lower Upper
 225 100
 223 61.1 0.0 124.4
 227 62.0 0.0 124.4





#91
Naphthalene
Concen: 19.512 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41

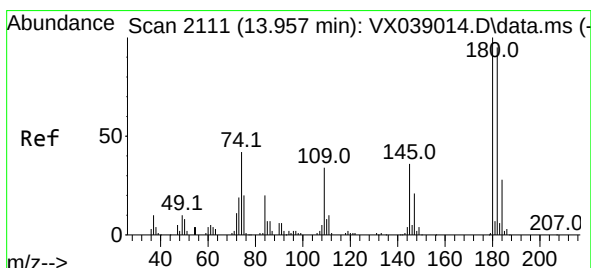
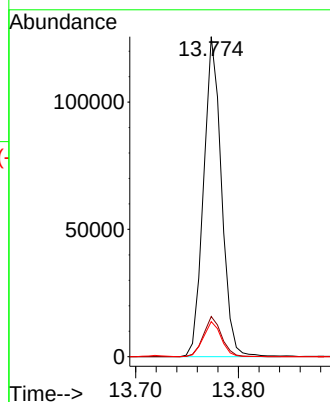
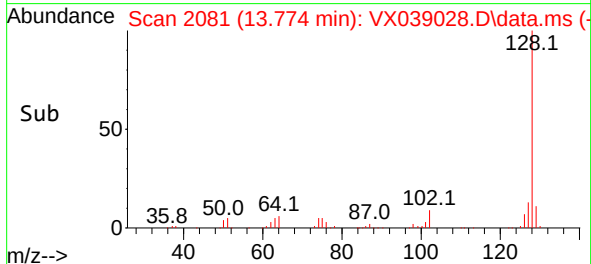
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



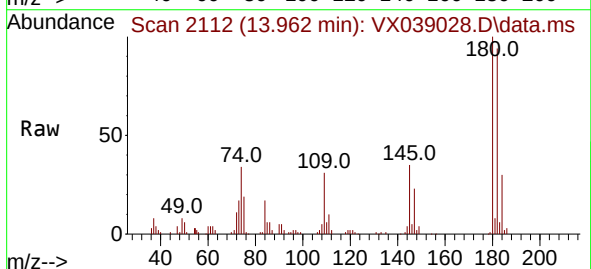
Tgt Ion:128 Resp: 15218
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 11/27/2023
Supervised By :Mahesh Dadoda 11/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.443 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039028.D
Acq: 24 Nov 2023 16:41



Tgt Ion:180 Resp: 39827
Ion Ratio Lower Upper
180 100
182 97.6 0.0 191.6
145 37.2 0.0 69.6

