

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039614.D
 Acq On : 03 Jan 2024 19:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 03:39:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	112006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91421	44.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.100%		
35) Dibromofluoromethane	5.385	113	66998	46.625	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	248051	46.497	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.000%		
62) 4-Bromofluorobenzene	11.079	95	99624	45.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70473	44.776	ug/l	96
3) Chloromethane	1.294	50	82557	47.315	ug/l	99
4) Vinyl Chloride	1.374	62	78039	48.091	ug/l	99
5) Bromomethane	1.599	94	45477	48.711	ug/l	99
6) Chloroethane	1.685	64	46509	47.560	ug/l	98
7) Trichlorofluoromethane	1.886	101	113164	47.624	ug/l	95
8) Diethyl Ether	2.130	74	42648	51.858	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	70278	48.466	ug/l	96
10) Methyl Iodide	2.453	142	74091	49.434	ug/l	93
11) Tert butyl alcohol	2.953	59	117317	227.686	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	67211	46.663	ug/l	93
13) Acrolein	2.233	56	113067	275.066	ug/l	100
14) Allyl chloride	2.660	41	137651	47.176	ug/l	96
15) Acrylonitrile	3.062	53	266064	257.975	ug/l	99
16) Acetone	2.373	43	247234	203.212	ug/l	95
17) Carbon Disulfide	2.514	76	171162	40.608	ug/l	100
18) Methyl Acetate	2.697	43	241992	54.526	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	258566	49.637	ug/l	98
20) Methylene Chloride	2.788	84	81395	47.586	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	73532	46.916	ug/l	97
22) Diisopropyl ether	3.757	45	272165	51.242	ug/l	92
23) Vinyl Acetate	3.721	43	980768	248.035	ug/l	99
24) 1,1-Dichloroethane	3.605	63	147264	49.048	ug/l	99
25) 2-Butanone	4.550	43	382562	216.062	ug/l	99
26) 2,2-Dichloropropane	4.471	77	114604	43.722	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	86897	50.232	ug/l	98
28) Bromochloromethane	4.897	49	74422	50.801	ug/l	93
29) Tetrahydrofuran	4.995	42	248052	253.681	ug/l	100
30) Chloroform	5.092	83	145553	48.511	ug/l	95
31) Cyclohexane	5.464	56	125447	47.335	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	122758	47.130	ug/l	98
36) 1,1-Dichloropropene	5.690	75	106388	46.917	ug/l	99
37) Ethyl Acetate	4.708	43	140705	50.225	ug/l	100
38) Carbon Tetrachloride	5.672	117	99746	46.094	ug/l	99
39) Methylcyclohexane	7.379	83	125779	46.178	ug/l	99
40) Benzene	6.037	78	313269	48.838	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	75091	50.237	ug/l	96
42) 1,2-Dichloroethane	6.086	62	121515	46.800	ug/l	100
43) Isopropyl Acetate	6.336	43	226060	49.622	ug/l	100
44) Trichloroethene	7.123	130	74846	46.240	ug/l	97
45) 1,2-Dichloropropane	7.427	63	86098	50.013	ug/l	99
46) Dibromomethane	7.580	93	58081	47.995	ug/l	95
47) Bromodichloromethane	7.818	83	111600	48.232	ug/l	96
48) Methyl methacrylate	7.690	41	133239	50.028	ug/l	96
49) 1,4-Dioxane	7.659	88	35034	975.881	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	742356	255.756	ug/l	99
52) Toluene	8.714	92	190414	49.183	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	119272	46.821	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	130202	47.503	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	80484	49.796	ug/l	96
56) Ethyl methacrylate	9.116	69	103771	52.593	ug/l	98
57) 1,3-Dichloropropane	9.305	76	138344	49.511	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	320639	276.752	ug/l	94
59) 2-Hexanone	9.427	43	589773	235.434	ug/l	99
60) Dibromochloromethane	9.518	129	78763	48.185	ug/l	100
61) 1,2-Dibromoethane	9.610	107	84213	48.807	ug/l	99
64) Tetrachloroethene	9.275	164	57585	45.163	ug/l	96
65) Chlorobenzene	10.079	112	198117	46.518	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71594	47.591	ug/l	98
67) Ethyl Benzene	10.189	91	377791	47.655	ug/l	97
68) m/p-Xylenes	10.299	106	270775	95.262	ug/l	94
69) o-Xylene	10.640	106	133465	48.564	ug/l	95
70) Styrene	10.652	104	197440	49.142	ug/l	96
71) Bromoform	10.799	173	52189	46.672	ug/l #	100
73) Isopropylbenzene	10.963	105	355949	48.251	ug/l	100
74) N-amyl acetate	10.841	43	191905	51.415	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	138917	50.620	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118816m	48.032	ug/l	
77) Bromobenzene	11.195	156	77592	47.564	ug/l	90
78) n-propylbenzene	11.305	91	439557	48.361	ug/l	96
79) 2-Chlorotoluene	11.366	91	258691	47.053	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	307831	48.983	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	38694	44.126	ug/l	97
82) 4-Chlorotoluene	11.451	91	302293	46.813	ug/l	98
83) tert-Butylbenzene	11.713	119	292019	48.825	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	310424	48.168	ug/l	100
85) sec-Butylbenzene	11.890	105	375793	49.377	ug/l	98
86) p-Isopropyltoluene	12.006	119	309690	48.487	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	150560	46.979	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	151047	45.265	ug/l	99
89) n-Butylbenzene	12.329	91	310183	49.402	ug/l	96
90) Hexachloroethane	12.536	117	54502	47.239	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	146851	47.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	34515	47.750	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	93846	46.738	ug/l	99
94) Hexachlorobutadiene	13.725	225	37302	49.296	ug/l	98
95) Naphthalene	13.774	128	352810	50.454	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	92145	47.537	ug/l	98

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ClientSampleId :
VSTDCCC050EC

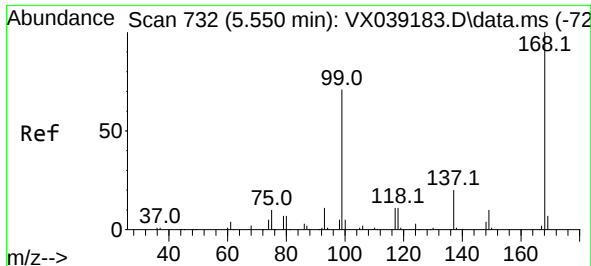
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/04/2024

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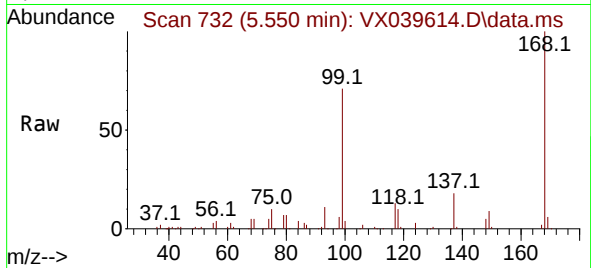
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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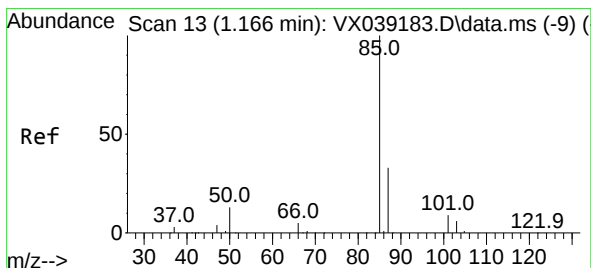
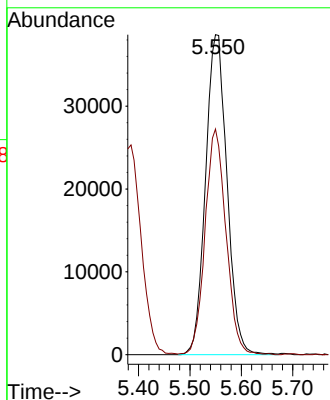
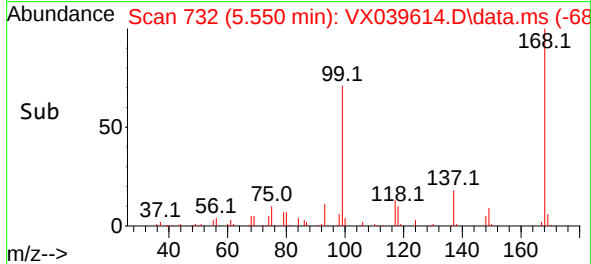
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 112000
Ion Ratio Lower Upper
168 100
99 70.5 56.6 85.0

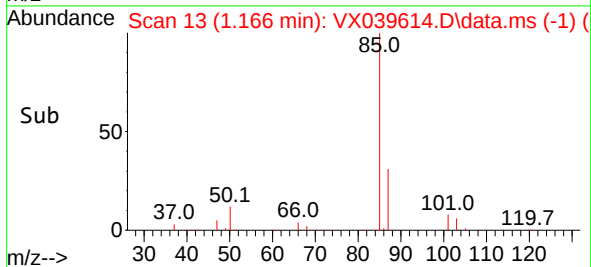
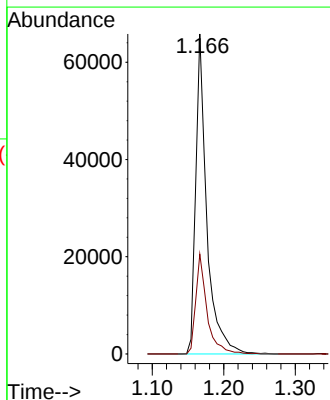
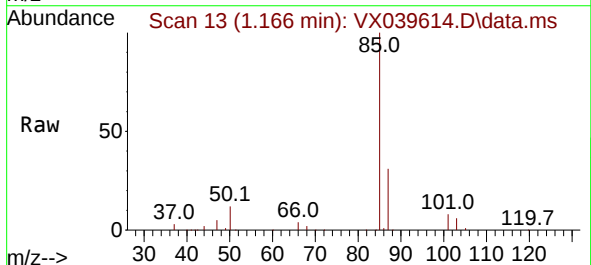
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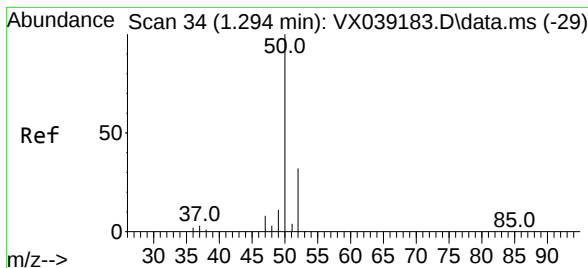
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#2
Dichlorodifluoromethane
Concen: 44.776 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

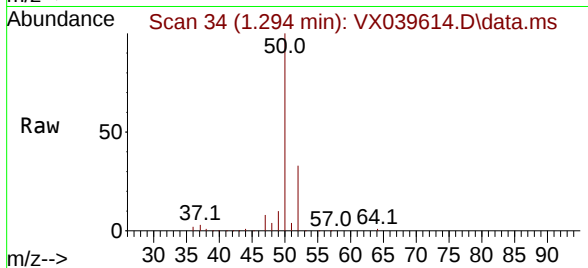
Tgt Ion: 85 Resp: 70473
Ion Ratio Lower Upper
85 100
87 31.2 16.7 50.1





#3
Chloromethane
Concen: 47.315 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

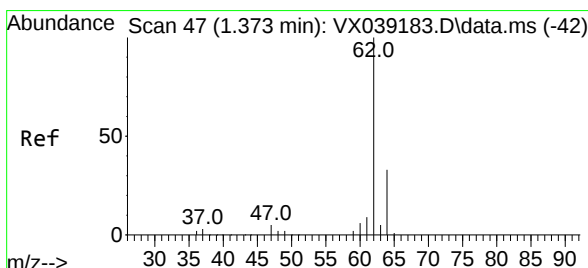
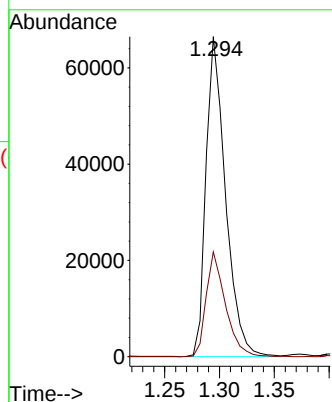
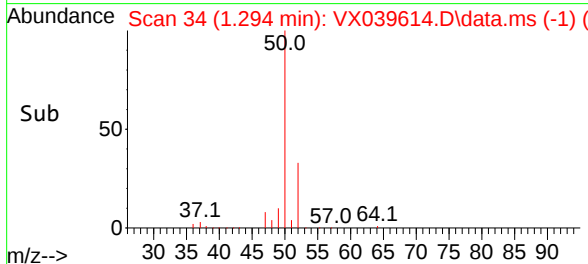
Instrument :
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Tgt Ion: 50 Resp: 8255
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3

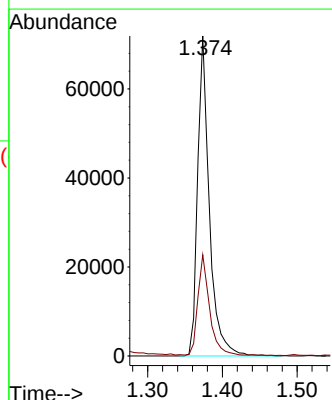
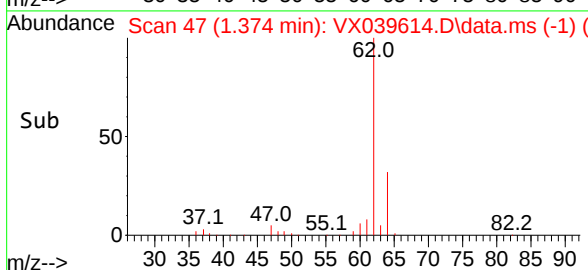
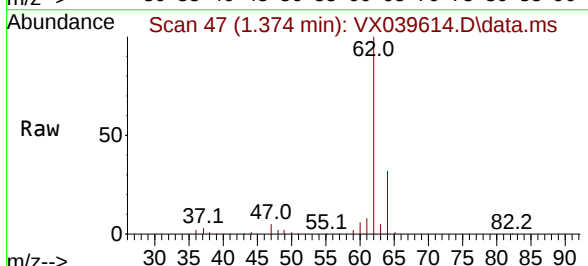
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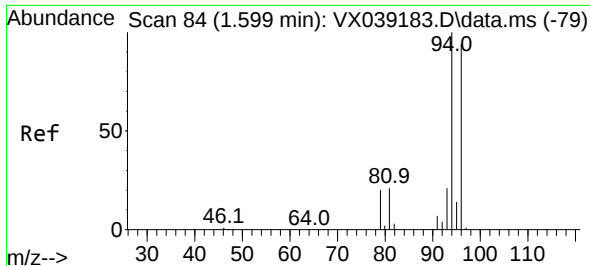
Reviewed By :John Carlone 01/04/2024
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#4
Vinyl Chloride
Concen: 48.091 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

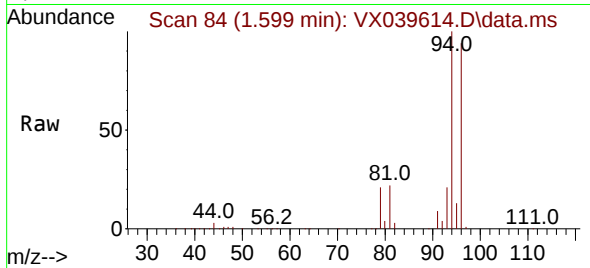
Tgt Ion: 62 Resp: 78039
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 48.711 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

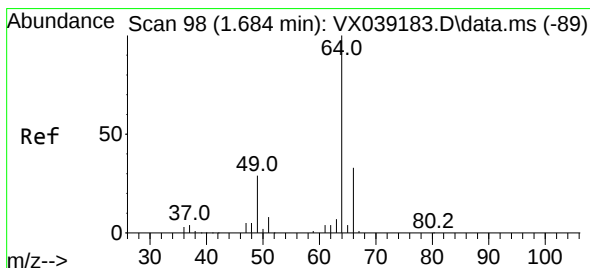
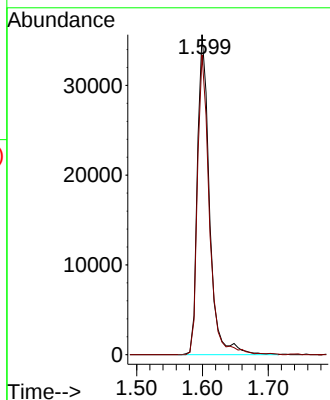
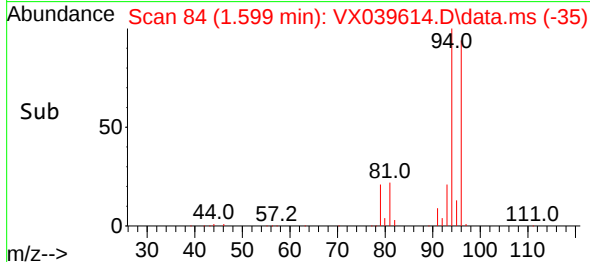
Instrument :
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Tgt Ion: 94 Resp: 4547
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8

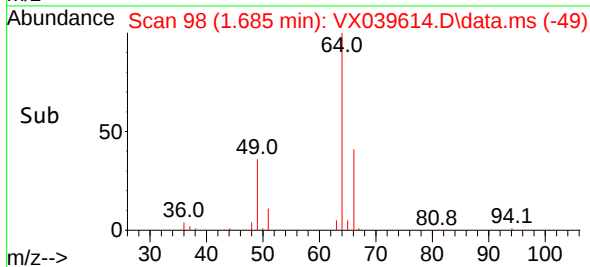
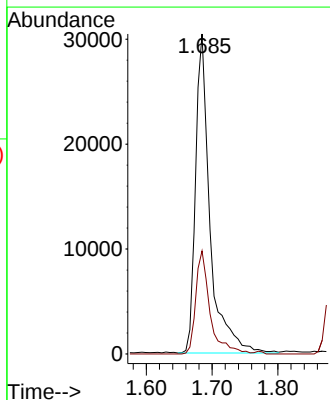
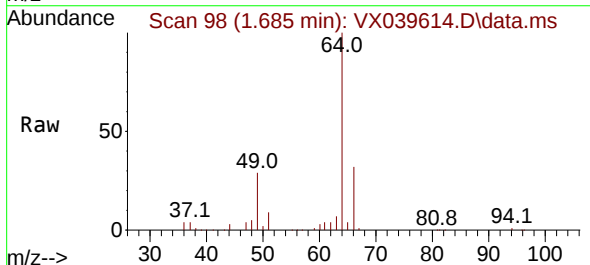
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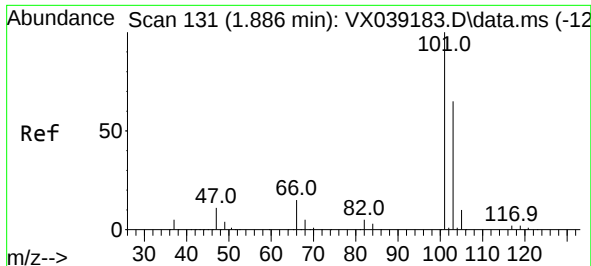
Reviewed By :John Carlone 01/04/2024
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#6
Chloroethane
Concen: 47.560 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 64 Resp: 46509
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





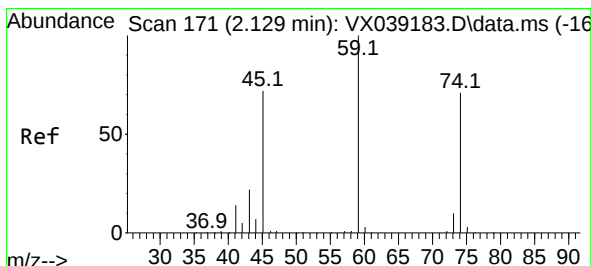
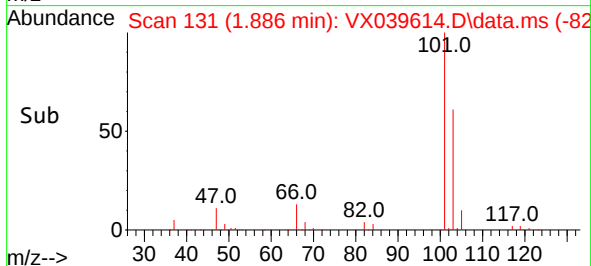
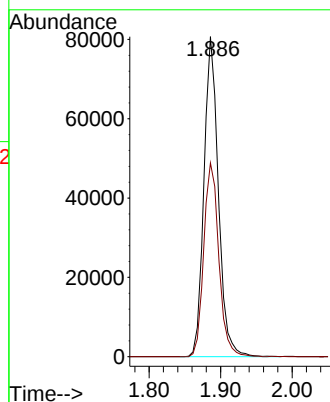
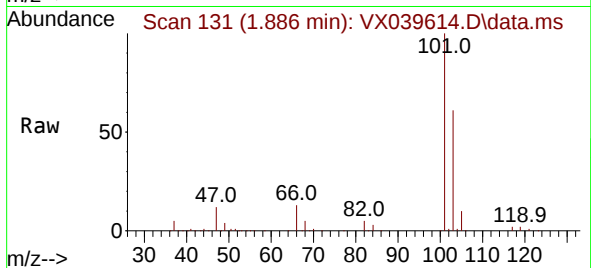
#7
Trichlorofluoromethane
Concen: 47.624 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 113164
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.2

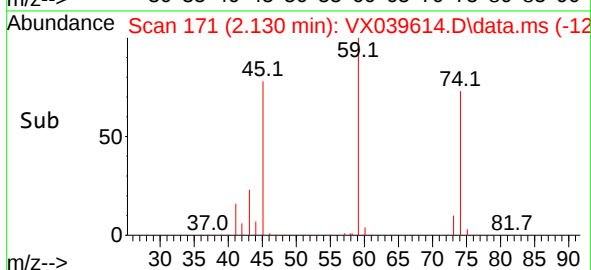
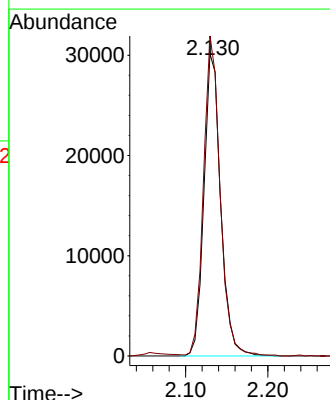
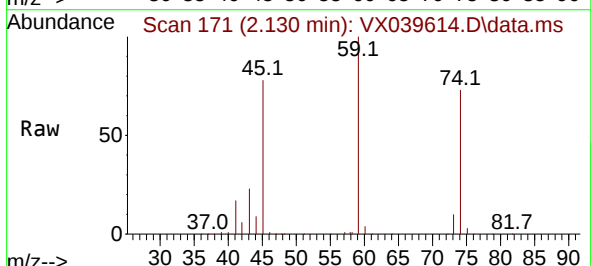
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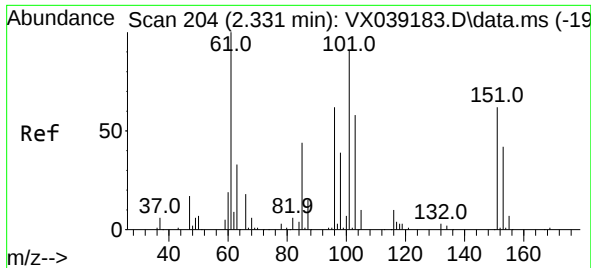
Reviewed By :John Carlone 01/04/2024
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#8
Diethyl Ether
Concen: 51.858 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 74 Resp: 42648
Ion Ratio Lower Upper
74 100
45 105.4 53.3 159.8





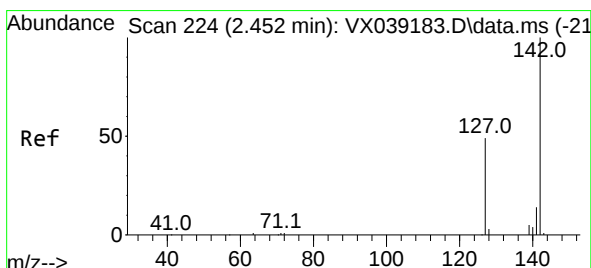
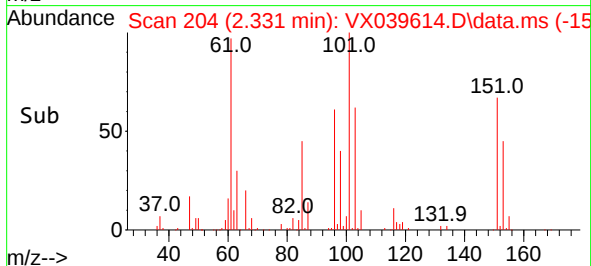
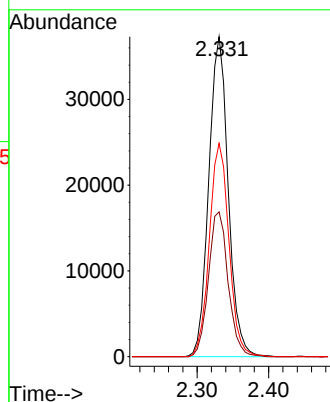
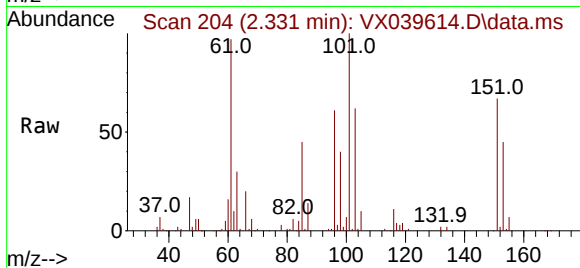
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.466 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 70278
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 67.3 58.6 87.8

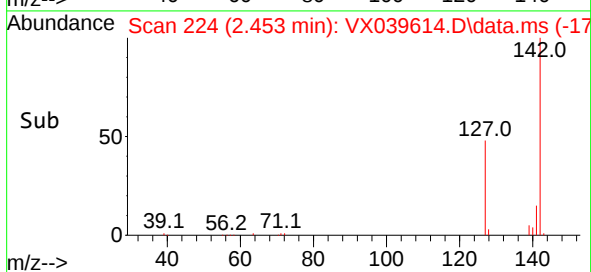
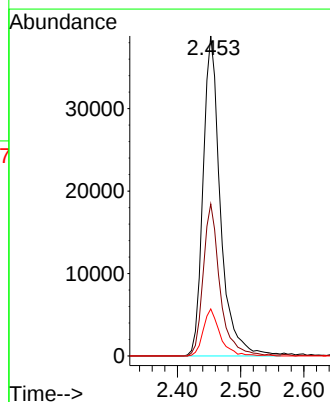
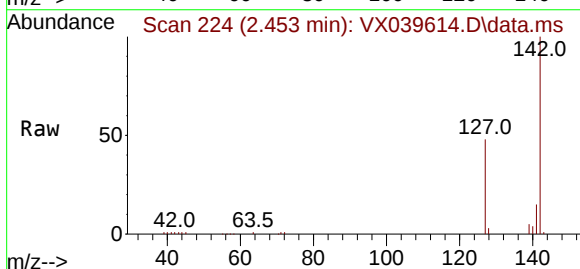
Manual Integrations
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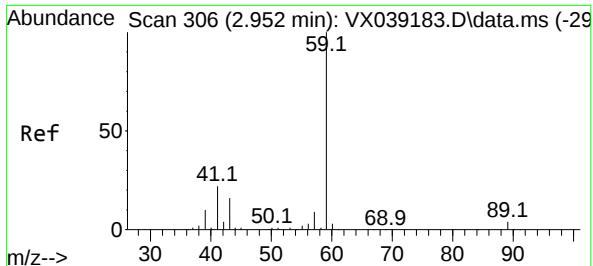
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 49.434 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion:142 Resp: 74091
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 227.686 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 11731

Ion Ratio Lower Upper

59 100

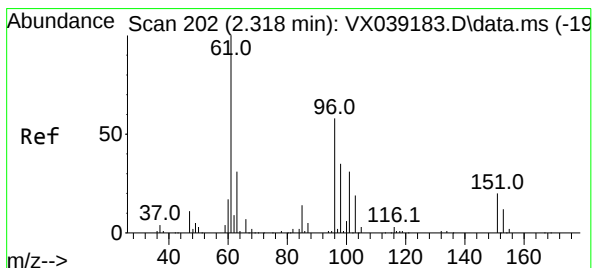
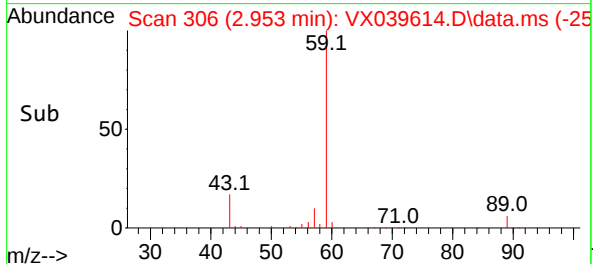
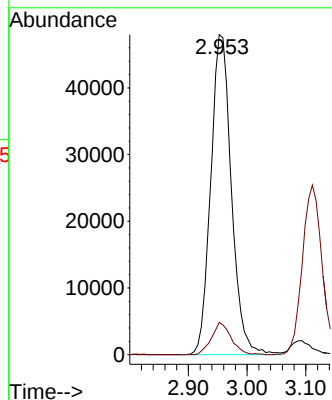
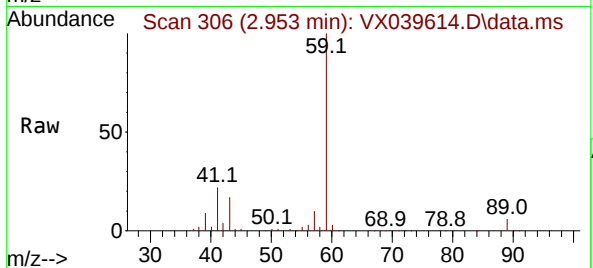
57 9.6 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#12

1,1-Dichloroethene

Concen: 46.663 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

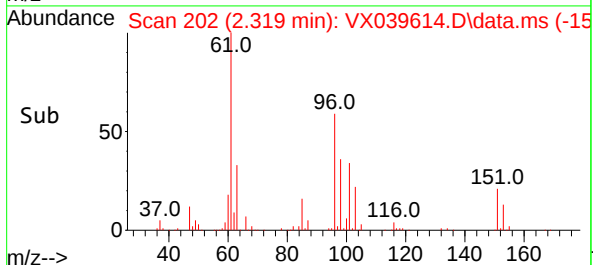
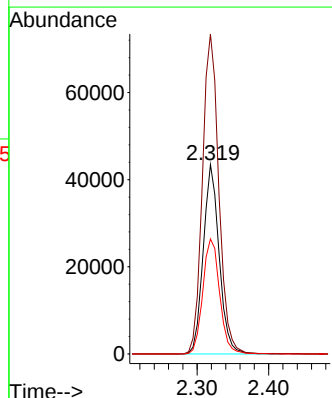
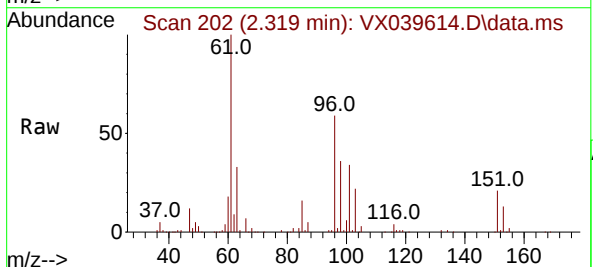
Tgt Ion: 96 Resp: 67211

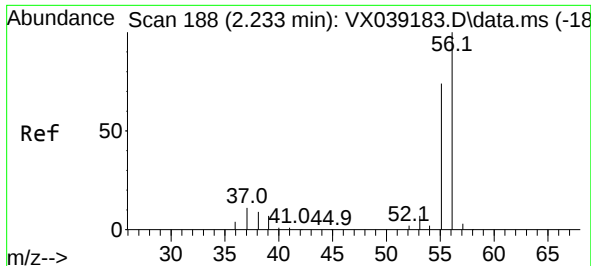
Ion Ratio Lower Upper

96 100

61 168.9 144.6 216.8

98 60.8 50.4 75.6





#13

Acrolein

Concen: 275.066 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 11306

Ion Ratio Lower Upper

56 100

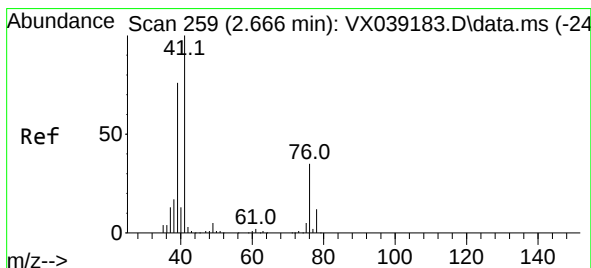
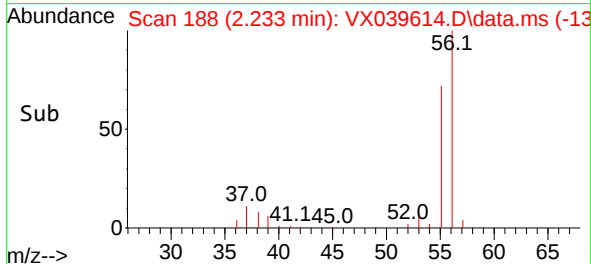
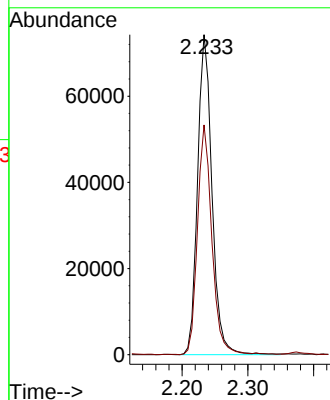
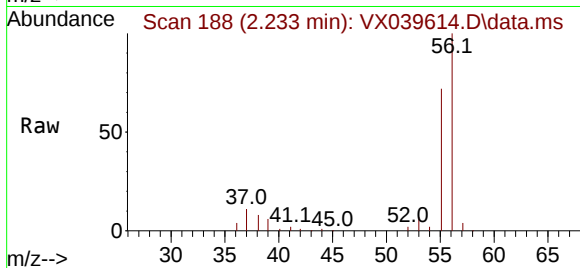
55 71.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#14

Allyl chloride

Concen: 47.176 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

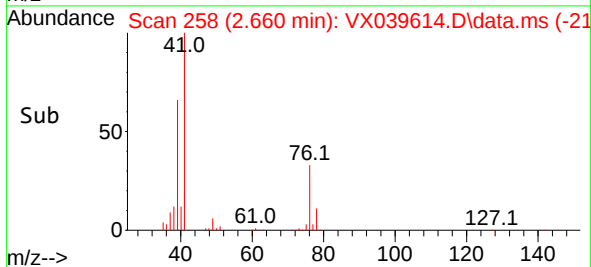
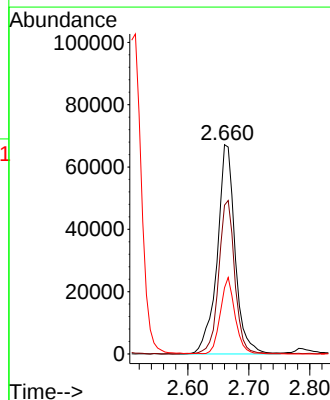
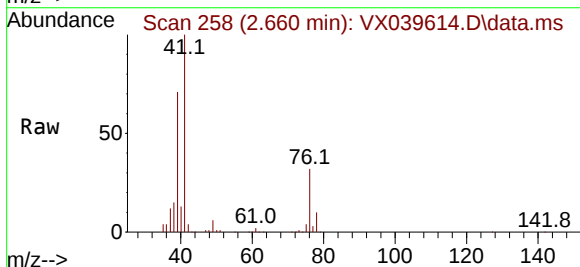
Tgt Ion: 41 Resp: 137651

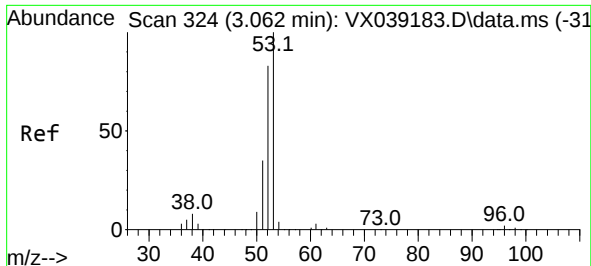
Ion Ratio Lower Upper

41 100

39 65.5 55.8 83.6

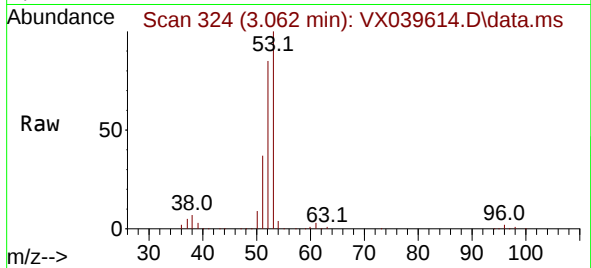
76 29.7 24.3 36.5





#15
Acrylonitrile
Concen: 257.975 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

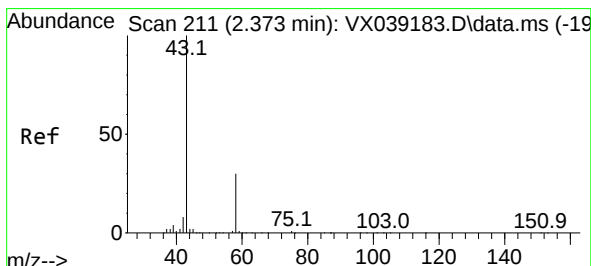
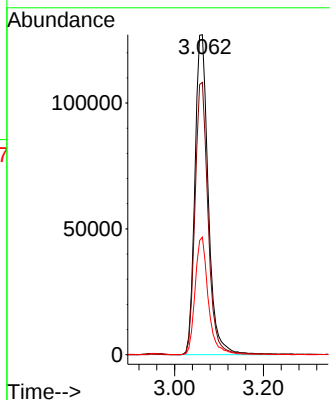
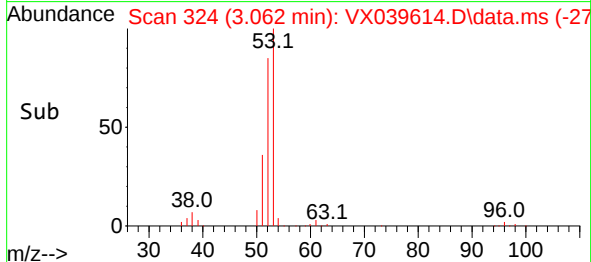
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 266064
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.2 29.8 44.6

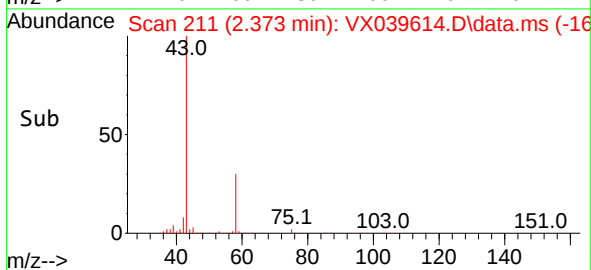
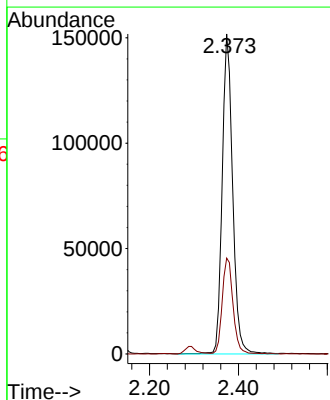
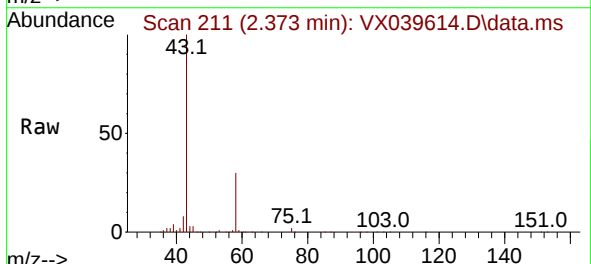
Manual Integrations
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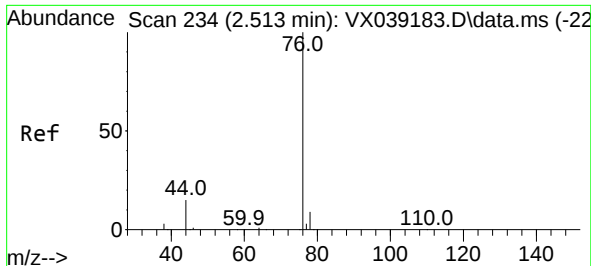
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#16
Acetone
Concen: 203.212 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

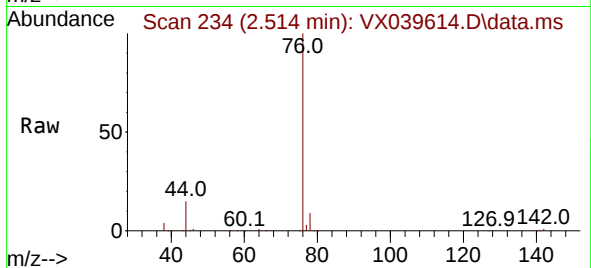
Tgt Ion: 43 Resp: 247234
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9





#17
Carbon Disulfide
Concen: 40.608 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

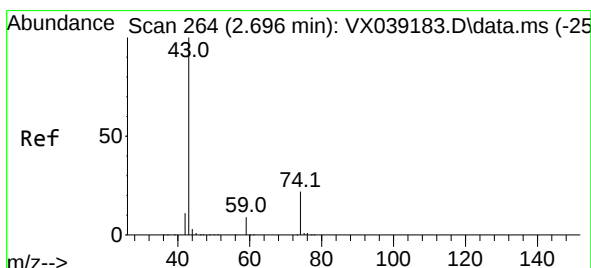
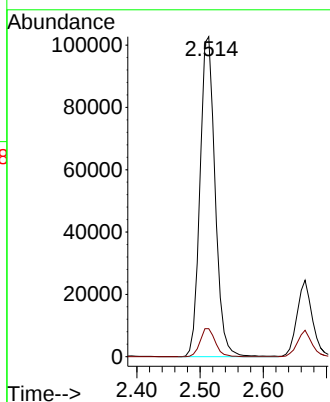
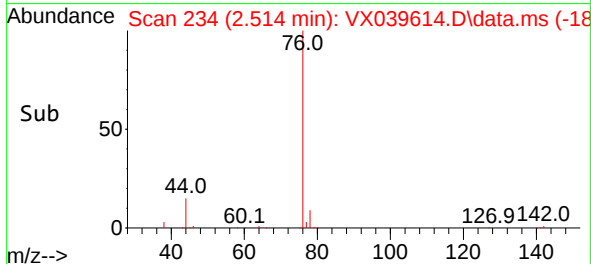
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



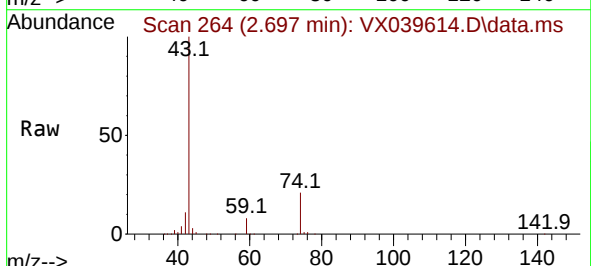
Tgt Ion: 76 Resp: 171162
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

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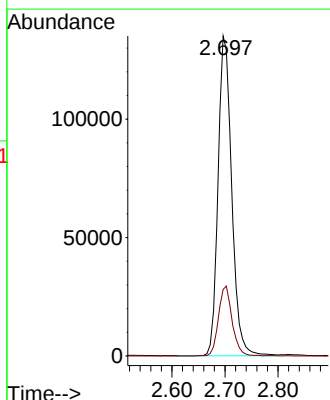
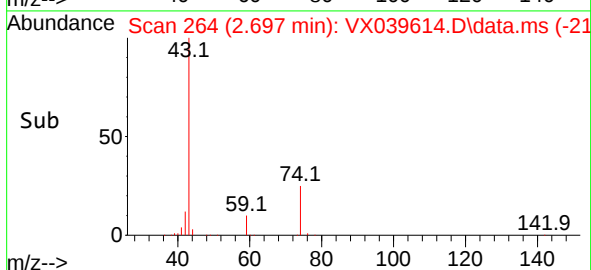
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

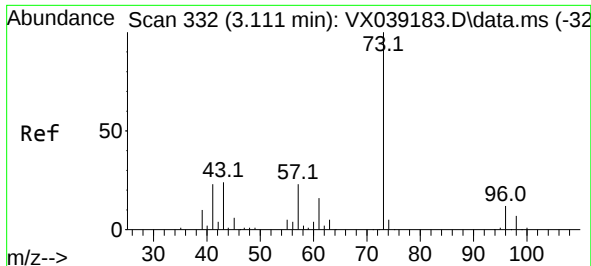


#18
Methyl Acetate
Concen: 54.526 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



Tgt Ion: 43 Resp: 241992
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8





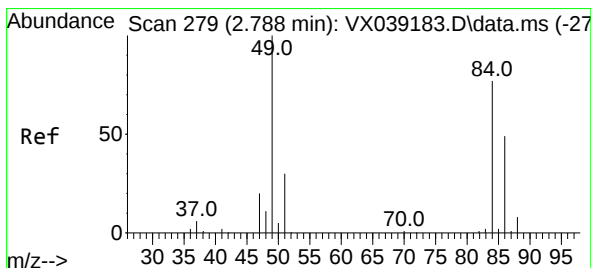
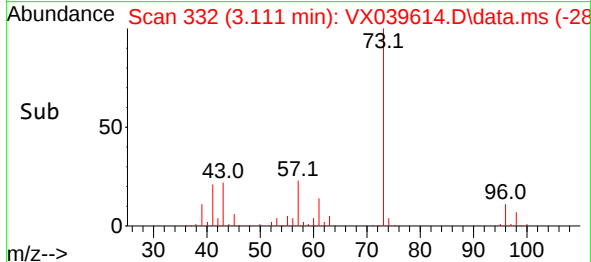
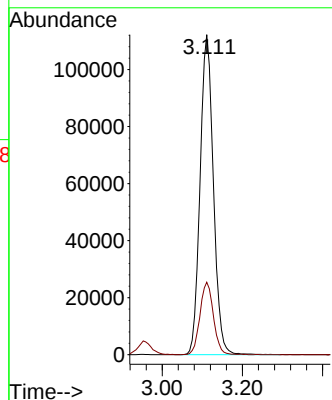
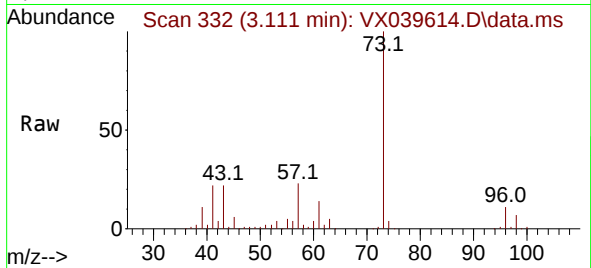
#19
Methyl tert-butyl Ether
Concen: 49.637 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 25856
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

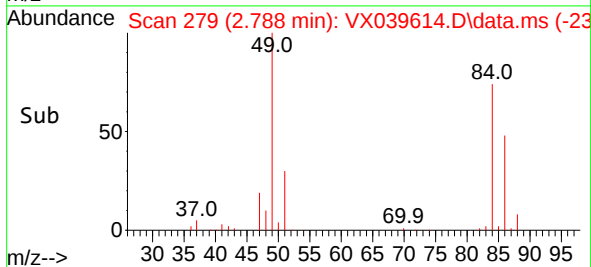
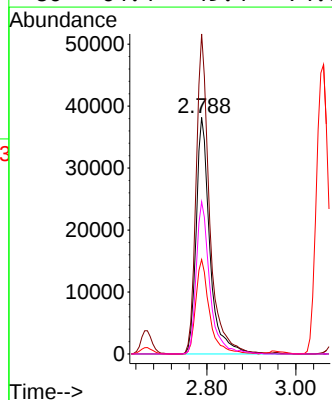
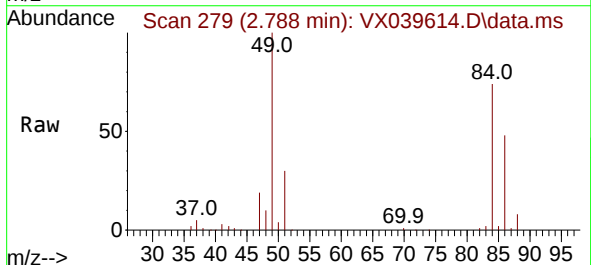
Manual Integrations
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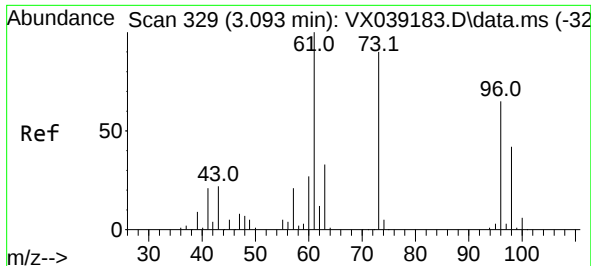
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 47.586 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 84 Resp: 81395
Ion Ratio Lower Upper
84 100
49 135.3 103.6 155.4
51 39.9 33.8 50.6
86 64.4 49.4 74.0





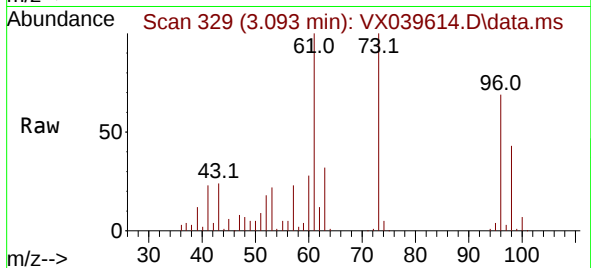
#21
trans-1,2-Dichloroethene
Concen: 46.916 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



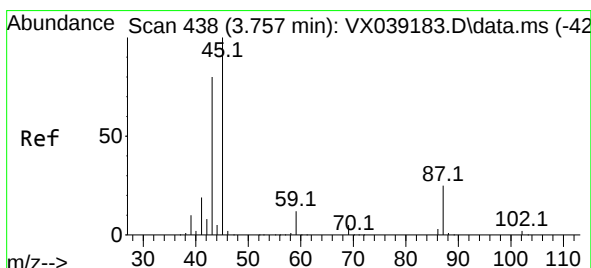
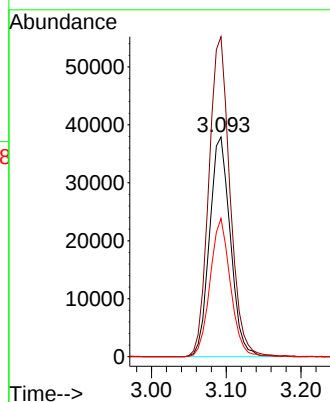
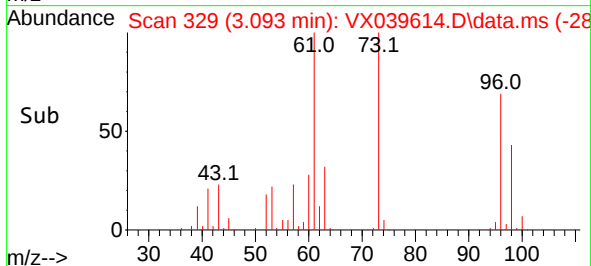
Tgt Ion: 96 Resp: 73532
Ion Ratio Lower Upper
96 100
61 145.6 119.2 178.8
98 62.9 48.7 73.1

Manual Integrations

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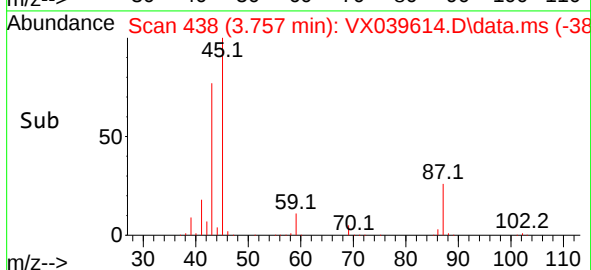
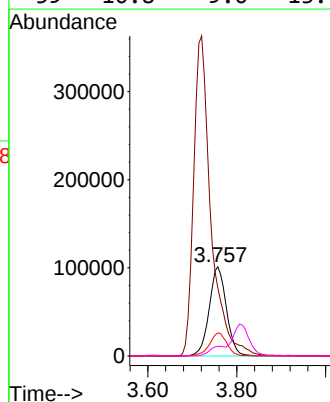
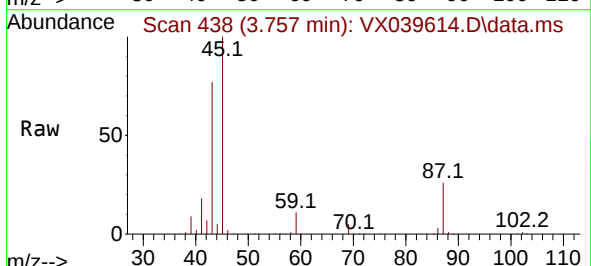
Reviewed By :John Carlone 01/04/2024

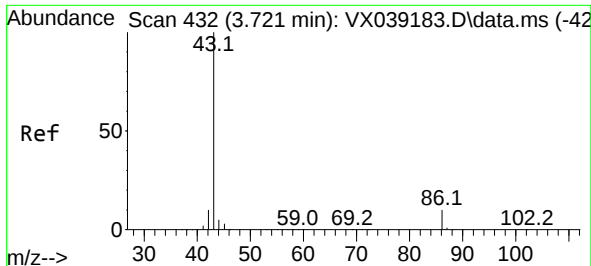
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 51.242 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

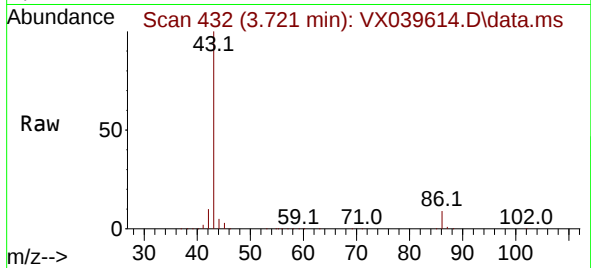
Tgt Ion: 45 Resp: 272165
Ion Ratio Lower Upper
45 100
43 76.4 69.7 104.5
87 25.8 20.8 31.2
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 248.035 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039614.D
 Acq: 03 Jan 2024 19:45

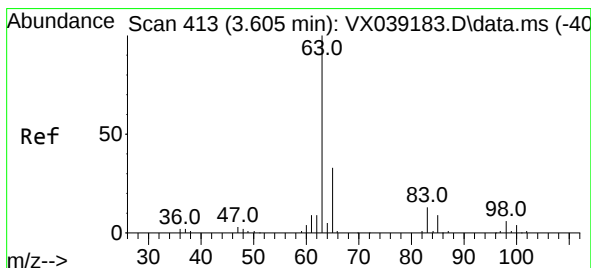
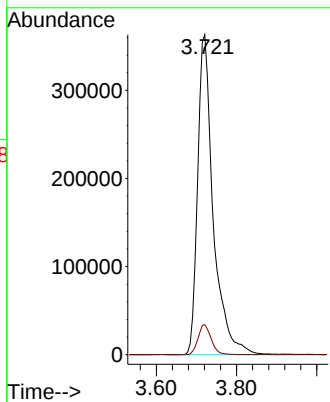
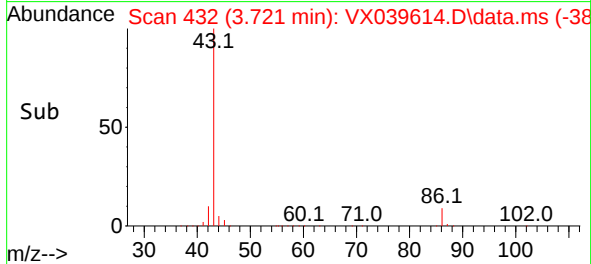
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



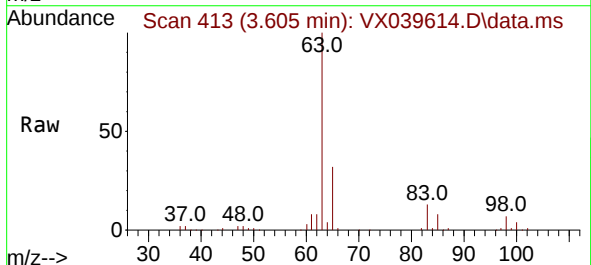
Tgt Ion: 43 Resp: 980768
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

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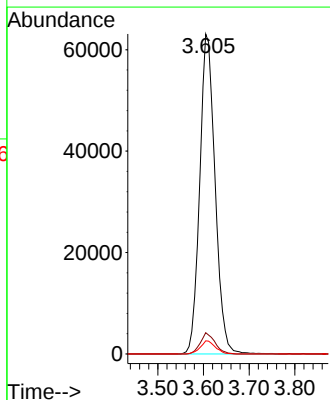
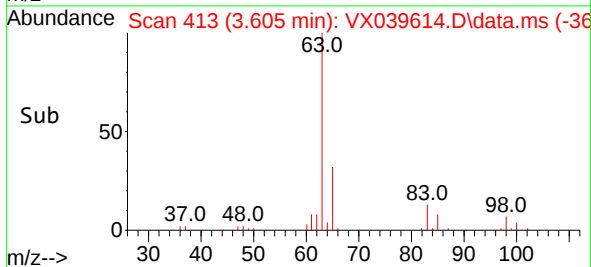
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

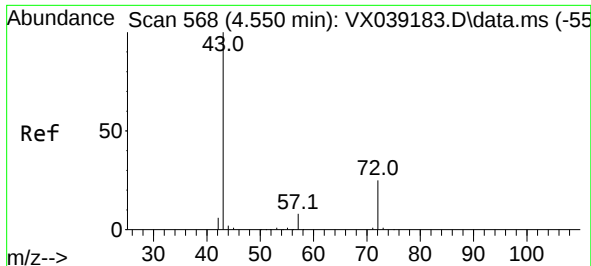


#24
 1,1-Dichloroethane
 Concen: 49.048 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039614.D
 Acq: 03 Jan 2024 19:45



Tgt Ion: 63 Resp: 147264
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 216.062 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 382562

Ion Ratio Lower Upper

43 100

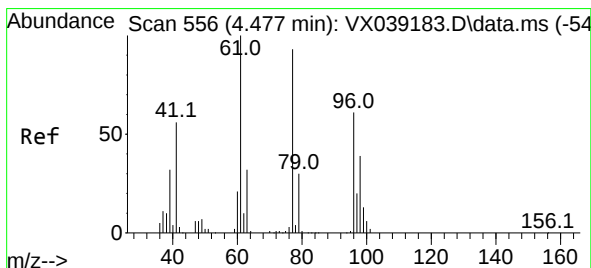
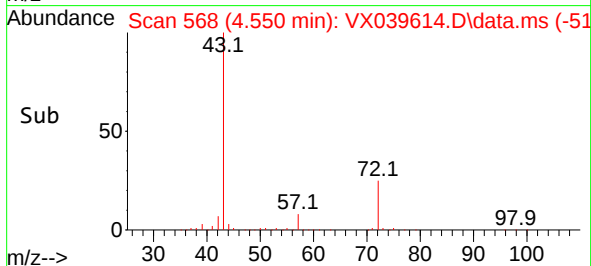
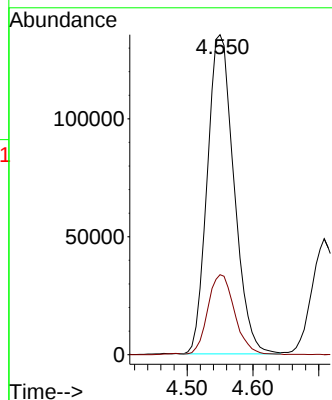
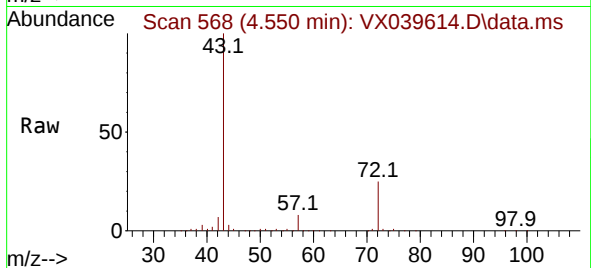
72 24.9 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#26

2,2-Dichloropropane

Concen: 43.722 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX039614.D

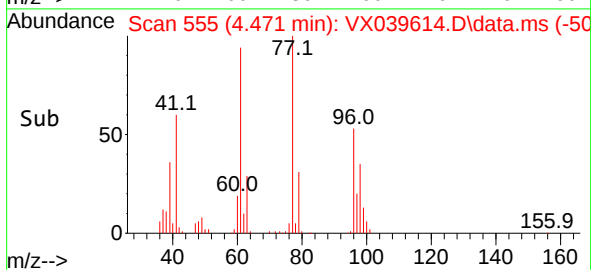
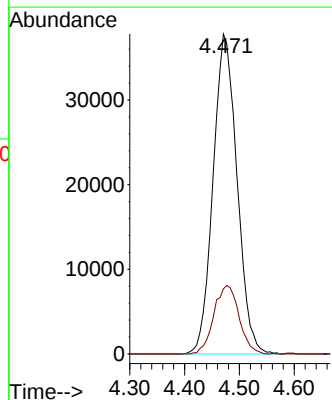
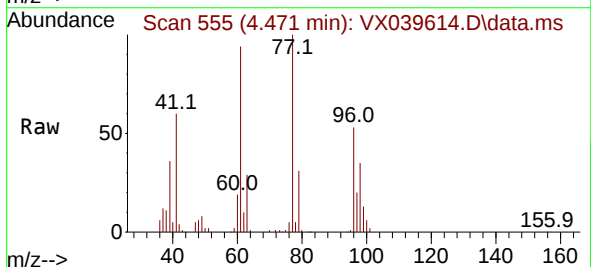
Acq: 03 Jan 2024 19:45

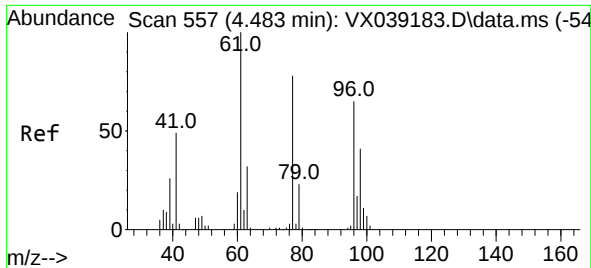
Tgt Ion: 77 Resp: 114604

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.232 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 8689

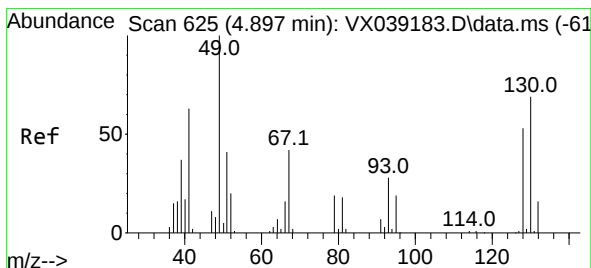
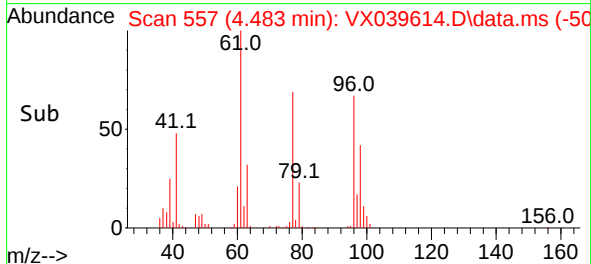
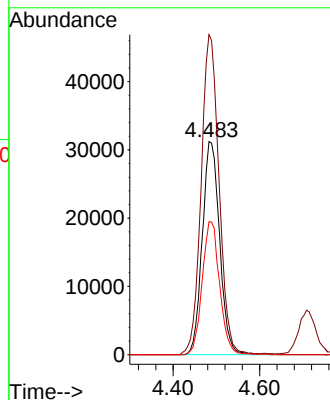
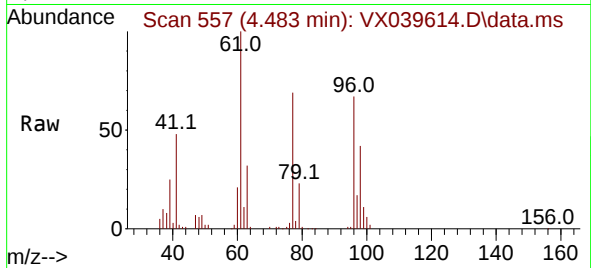
Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	312.2
98	62.6	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#28

Bromochloromethane

Concen: 50.801 ug/l

RT: 4.897 min Scan# 625

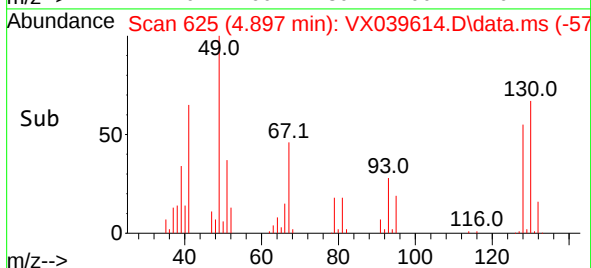
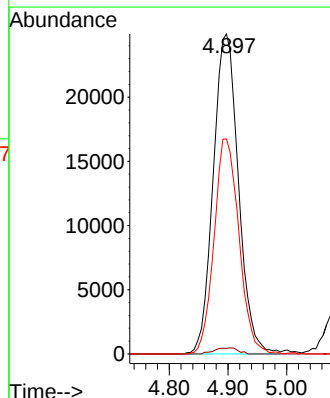
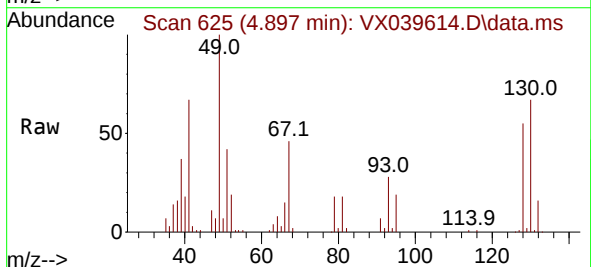
Delta R.T. 0.000 min

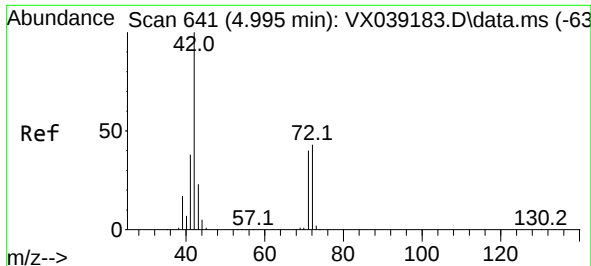
Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion: 49 Resp: 74422

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	66.2	57.5	86.3





#29

Tetrahydrofuran

Concen: 253.681 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039614.D

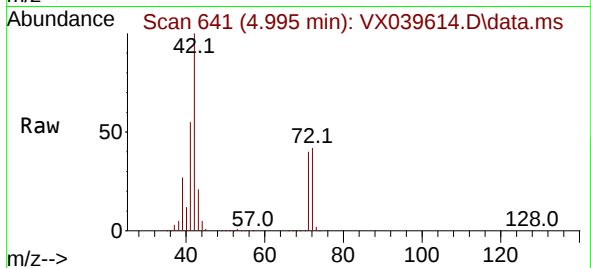
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 248052

Ion Ratio Lower Upper

42 100

72 42.7 34.2 51.4

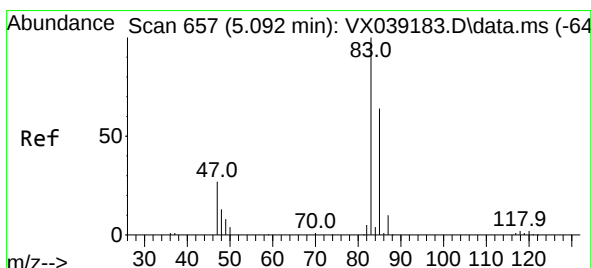
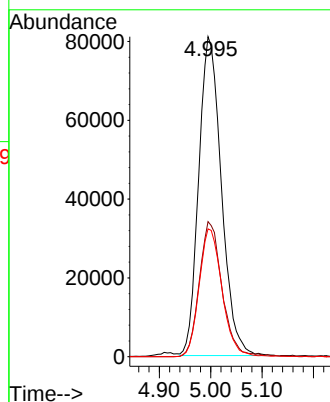
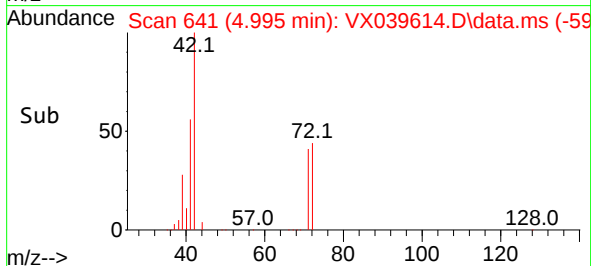
71 40.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 48.511 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039614.D

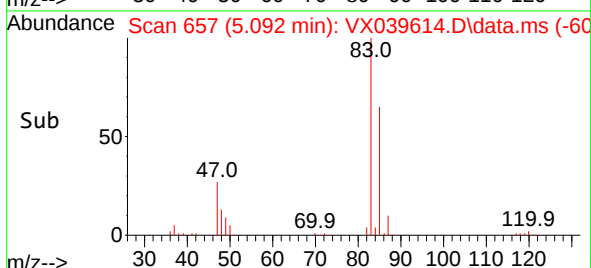
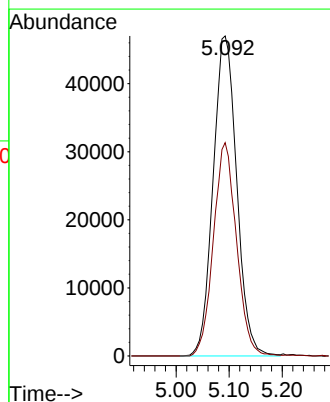
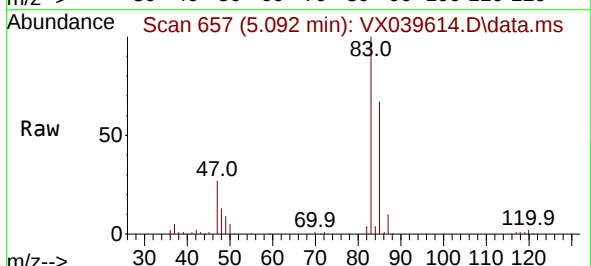
Acq: 03 Jan 2024 19:45

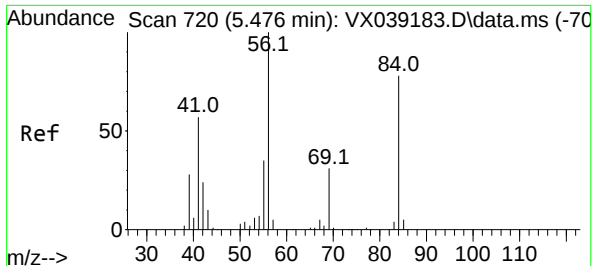
Tgt Ion: 83 Resp: 145553

Ion Ratio Lower Upper

83 100

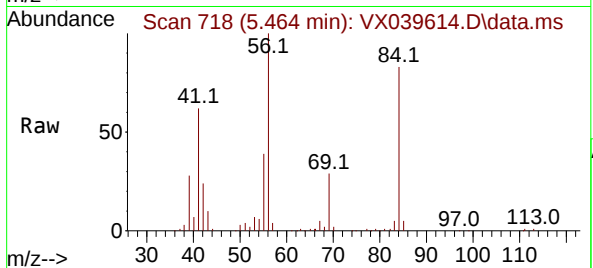
85 66.7 50.3 75.5





#31
Cyclohexane
Concen: 47.335 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

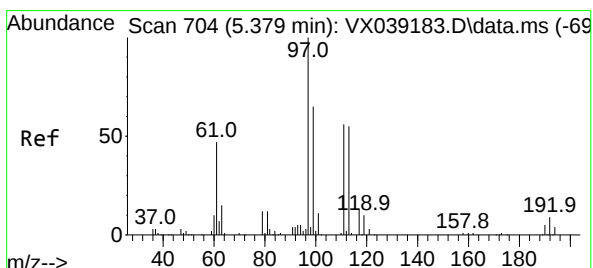
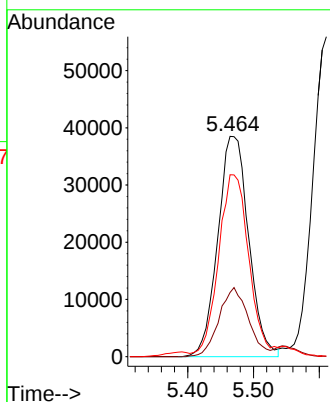
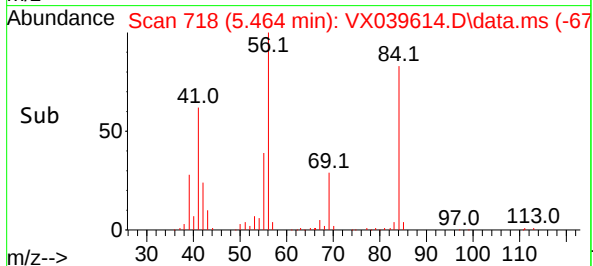
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



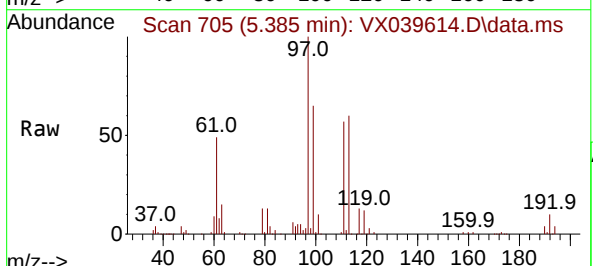
Tgt Ion: 56 Resp: 12544
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 80.5 65.9 98.9

Manual Integrations
APPROVED

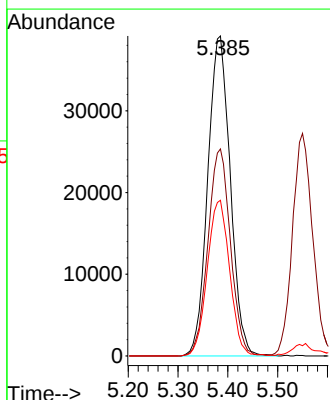
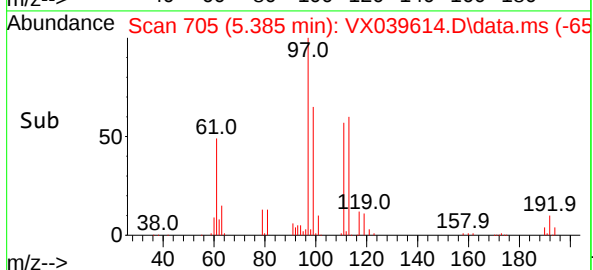
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

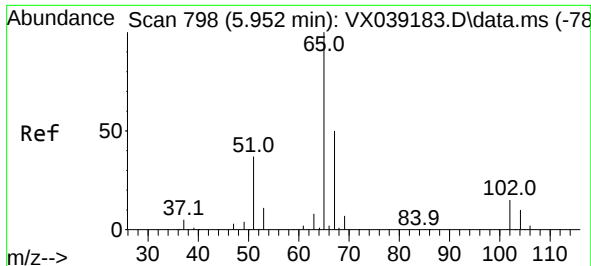


#32
1,1,1-Trichloroethane
Concen: 47.130 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



Tgt Ion: 97 Resp: 122758
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 48.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 44.555 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9142

Ion Ratio Lower Upper

65 100

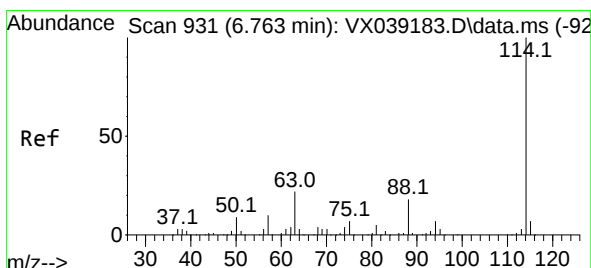
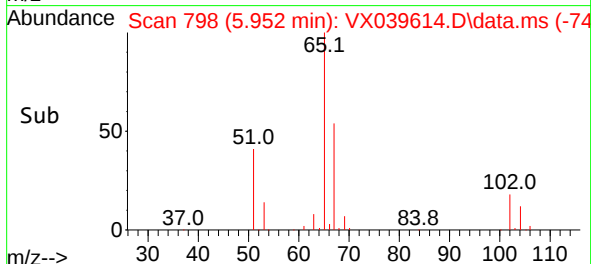
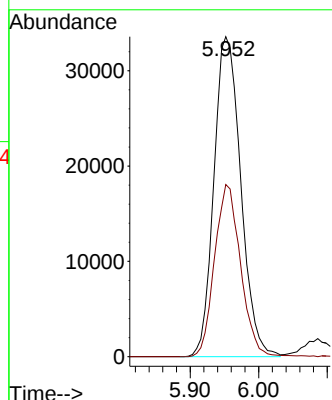
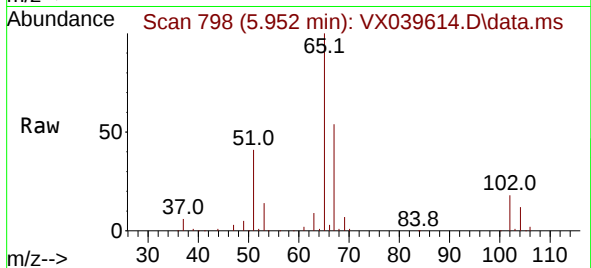
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

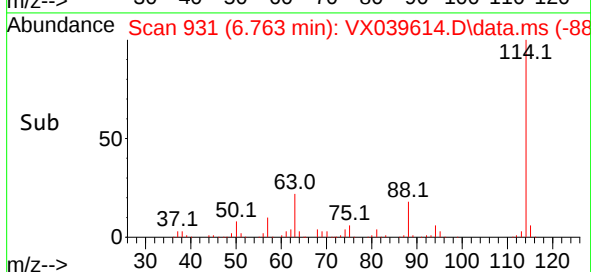
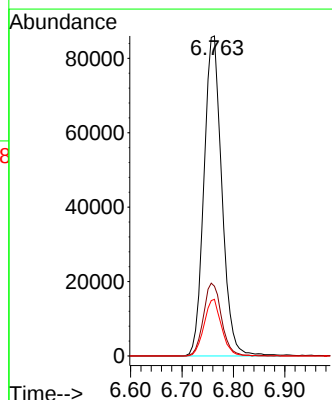
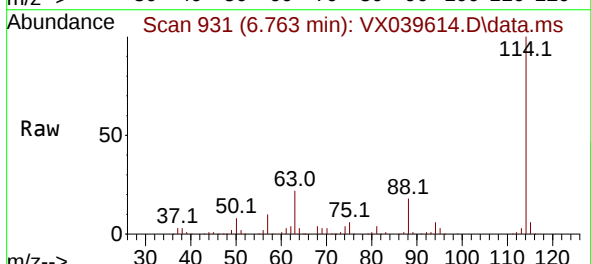
Tgt Ion:114 Resp: 208000

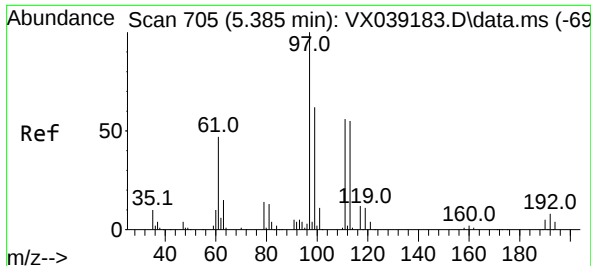
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

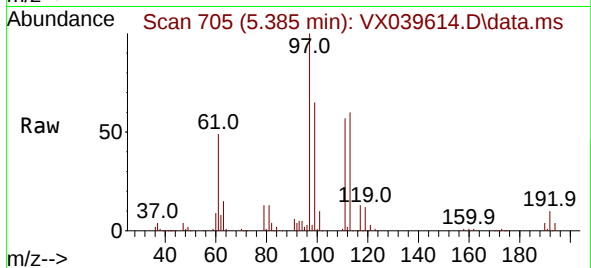
88 17.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 46.625 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

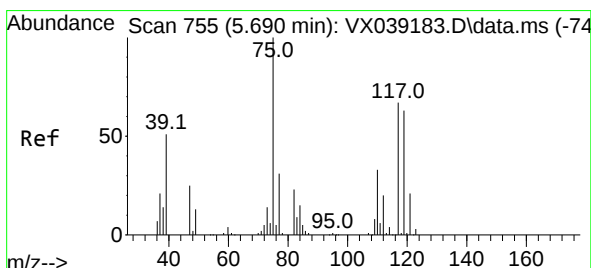
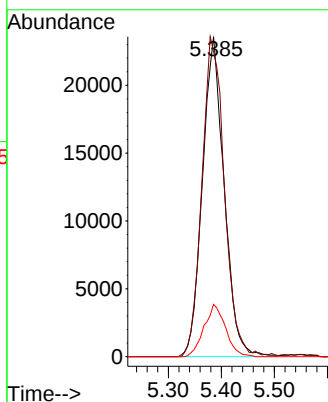
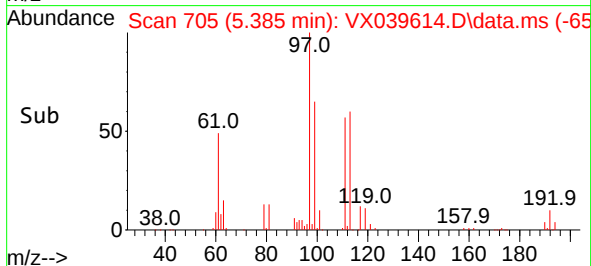
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 66998
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 16.2 13.3 19.9

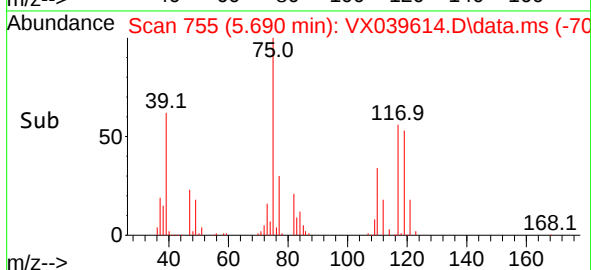
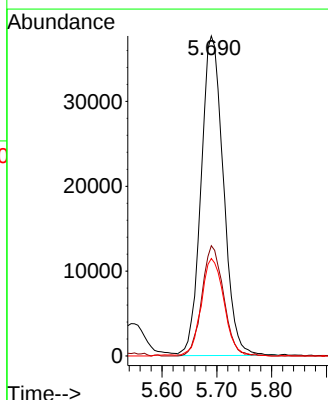
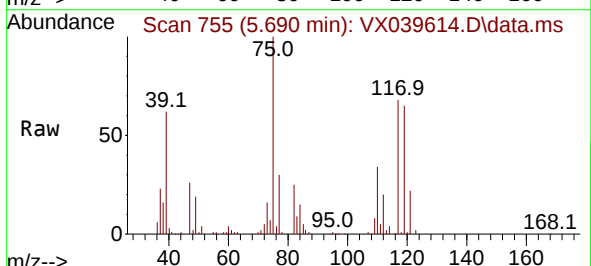
Manual Integrations
APPROVED

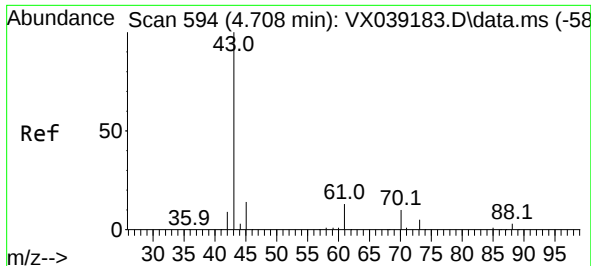
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 46.917 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

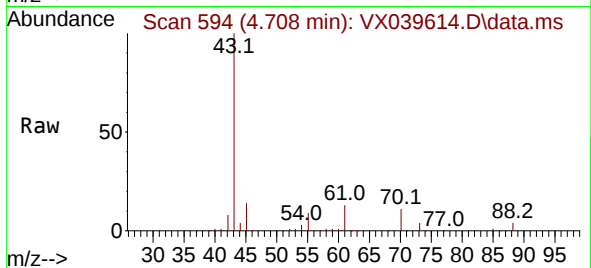
Tgt Ion: 75 Resp: 106388
Ion Ratio Lower Upper
75 100
110 33.4 17.0 50.9
77 31.0 24.7 37.1





#37
Ethyl Acetate
Concen: 50.225 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

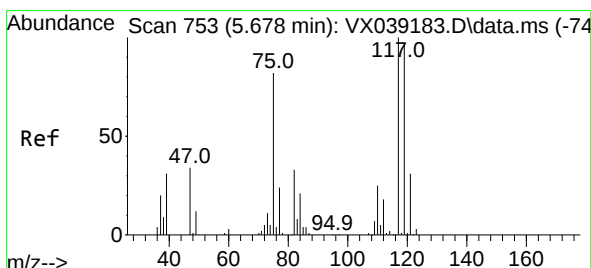
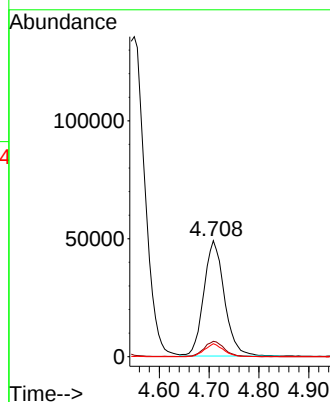
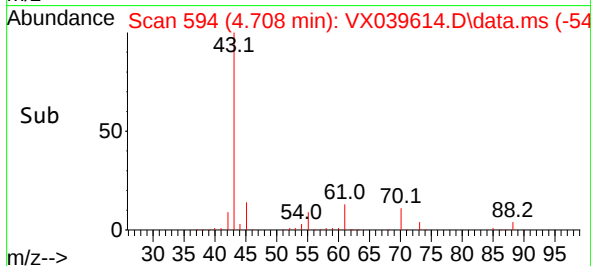
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 140709
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.4 8.3 12.5

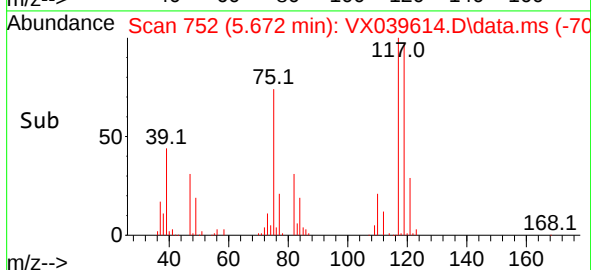
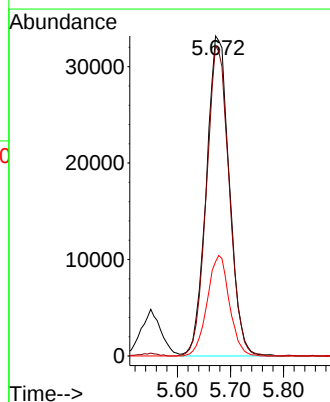
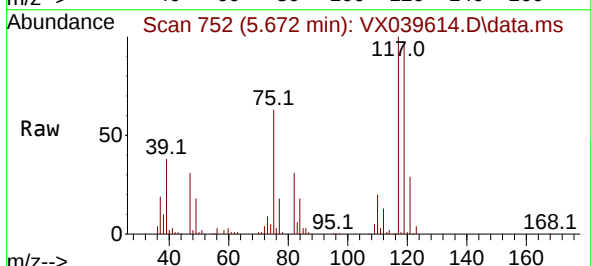
Manual Integrations
APPROVED

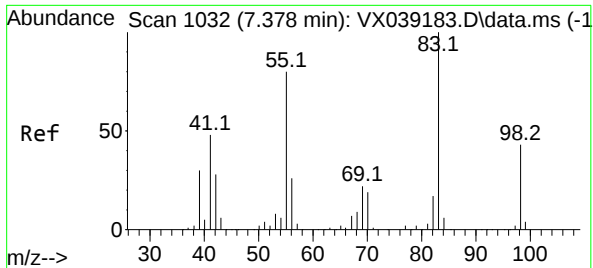
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#38
Carbon Tetrachloride
Concen: 46.094 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion:117 Resp: 99746
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 29.4 24.4 36.6





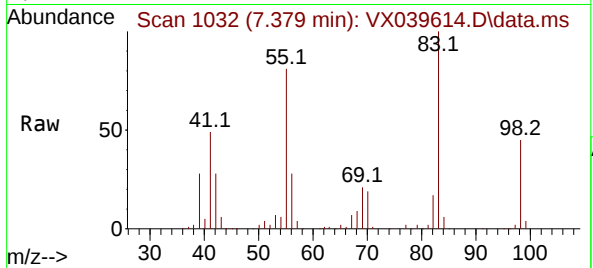
#39
Methylcyclohexane
Concen: 46.178 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



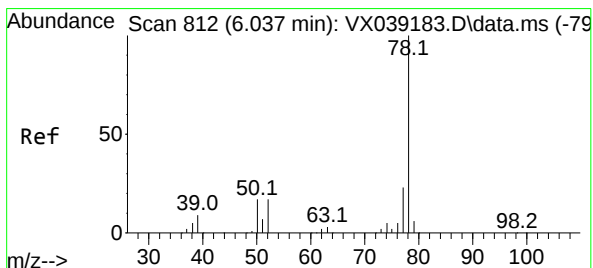
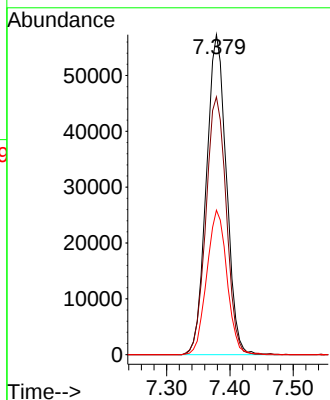
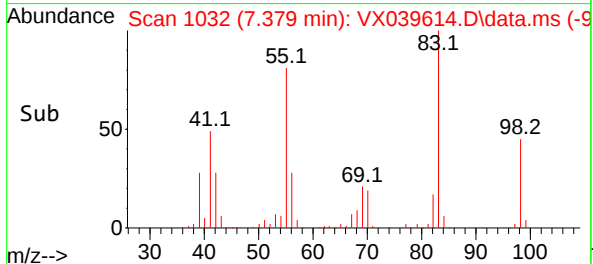
Tgt Ion: 83 Resp: 125779
Ion Ratio Lower Upper
83 100
55 80.6 64.6 97.0
98 45.2 36.7 55.1

Manual Integrations

APPROVED

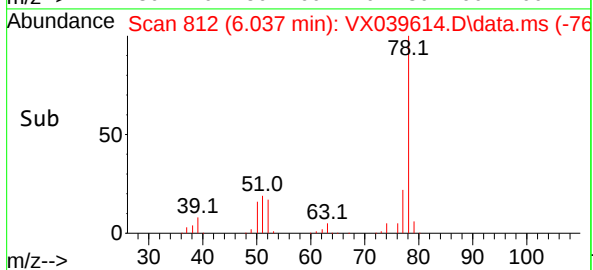
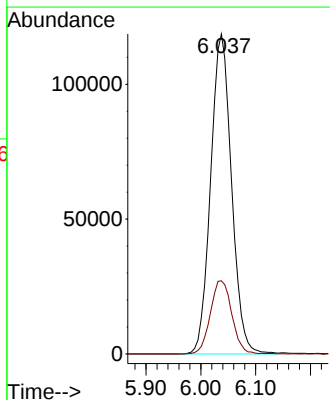
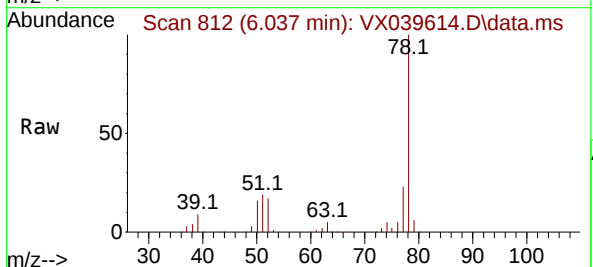
Reviewed By :John Carlone 01/04/2024

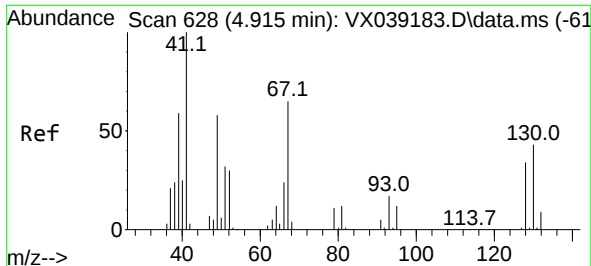
Supervised By :Mahesh Dadoda 01/04/2024



#40
Benzene
Concen: 48.838 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

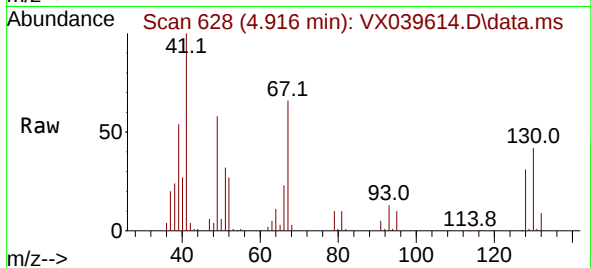
Tgt Ion: 78 Resp: 313269
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 50.237 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

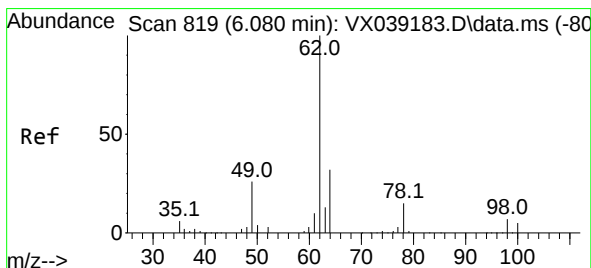
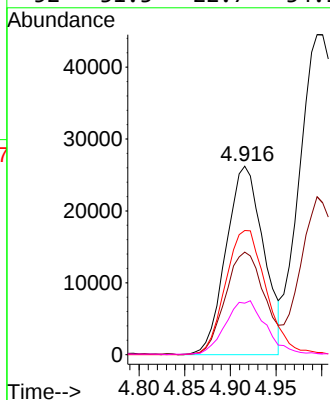
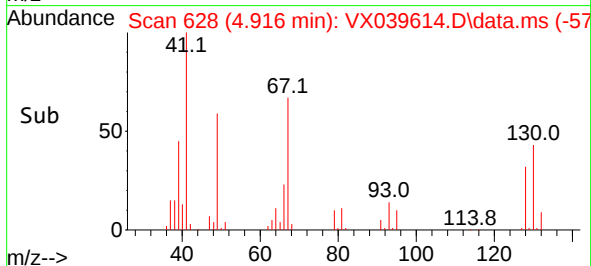
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 7509
Ion Ratio Lower Upper
41 100
39 56.6 45.2 67.8
67 71.7 52.6 78.8
52 31.3 22.7 34.1

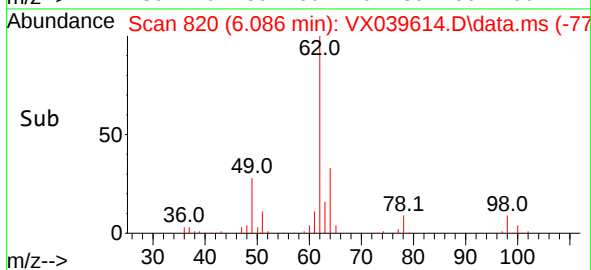
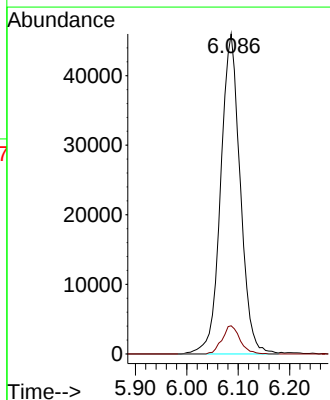
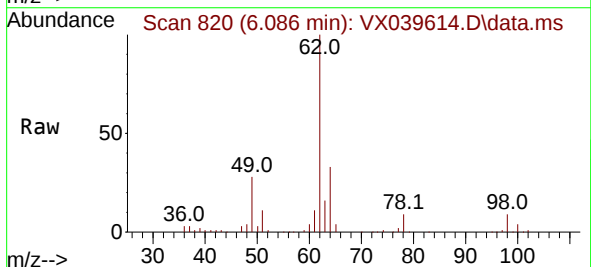
Manual Integrations
APPROVED

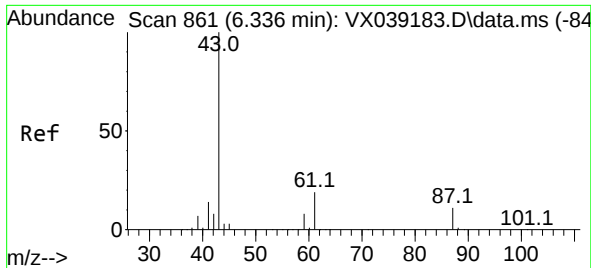
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#42
1,2-Dichloroethane
Concen: 46.800 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 62 Resp: 121515
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 49.622 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 226060

Ion Ratio Lower Upper

43 100

61 18.8 15.2 22.8

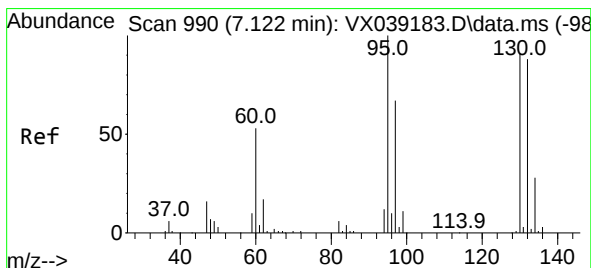
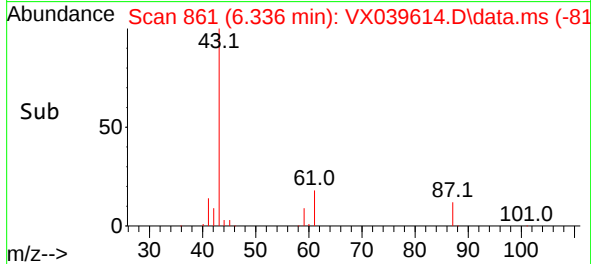
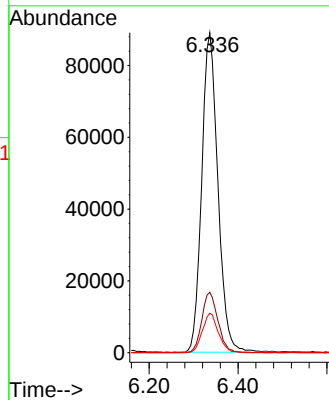
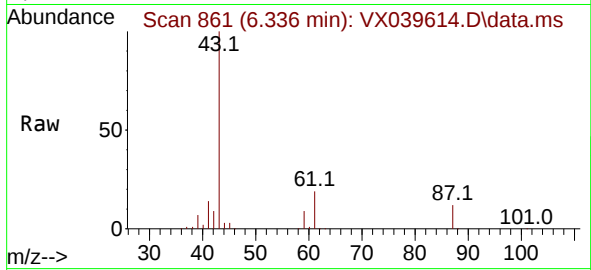
87 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#44

Trichloroethene

Concen: 46.240 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039614.D

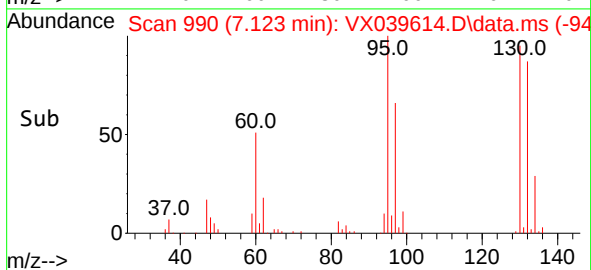
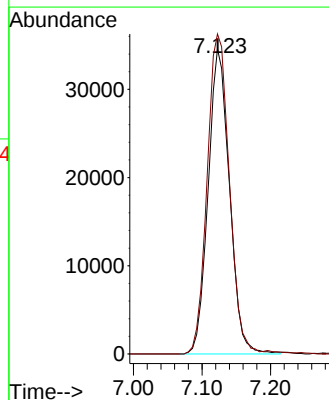
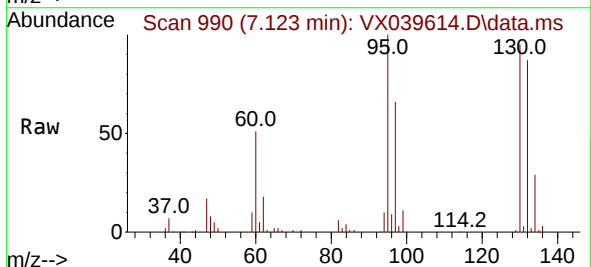
Acq: 03 Jan 2024 19:45

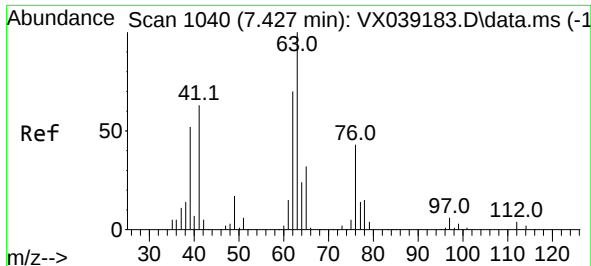
Tgt Ion:130 Resp: 74846

Ion Ratio Lower Upper

130 100

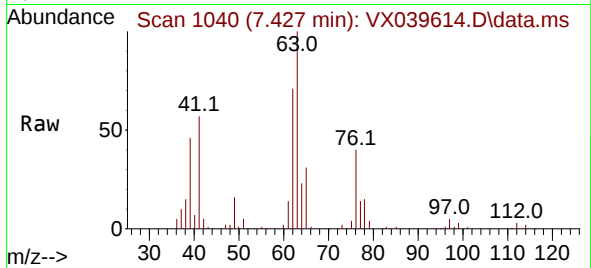
95 104.9 0.0 204.4





#45
1,2-Dichloropropane
Concen: 50.013 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

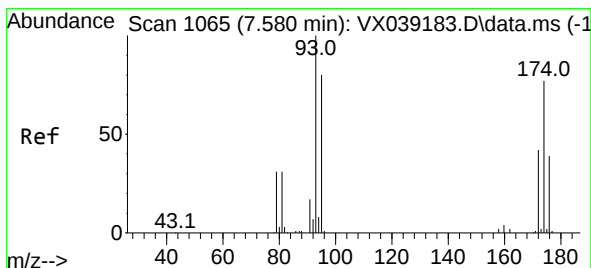
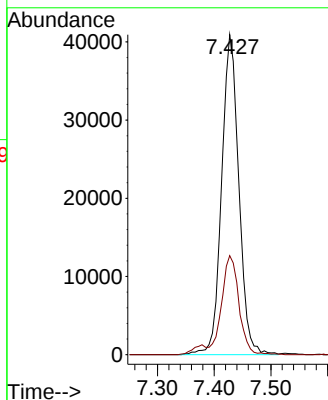
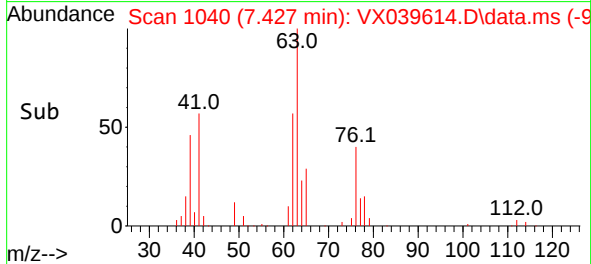
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 86098
Ion Ratio Lower Upper
63 100
65 31.0 24.3 36.5

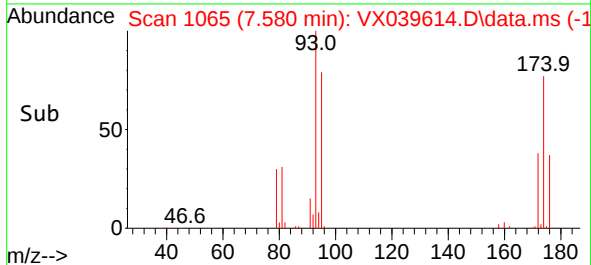
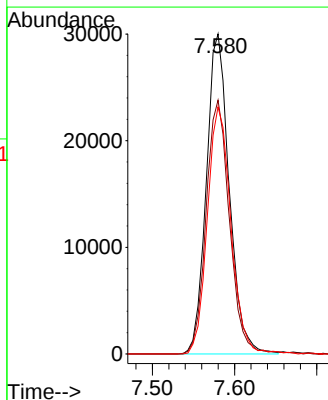
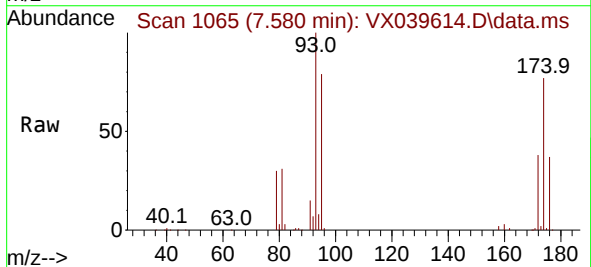
Manual Integrations
APPROVED

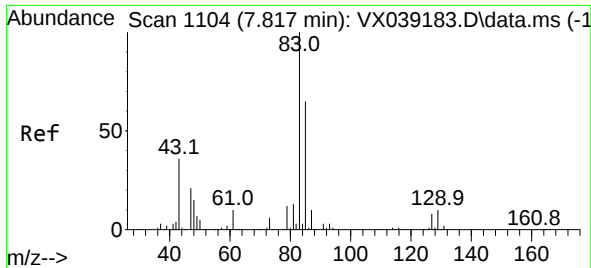
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#46
Dibromomethane
Concen: 47.995 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 93 Resp: 58081
Ion Ratio Lower Upper
93 100
95 81.1 66.6 100.0
174 79.5 69.4 104.0





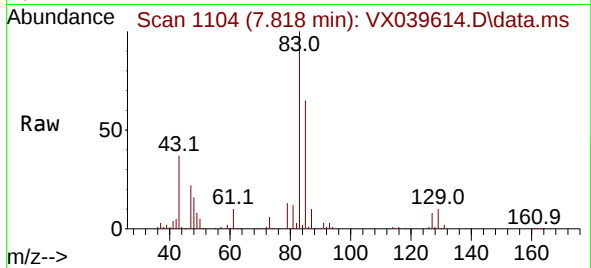
#47
Bromodichloromethane
Concen: 48.232 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



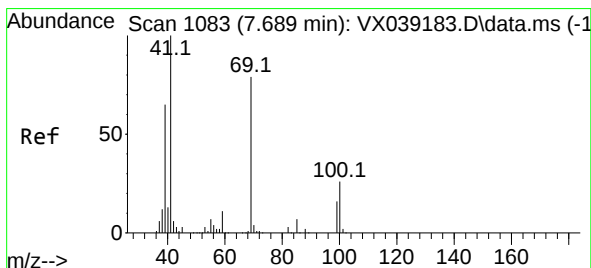
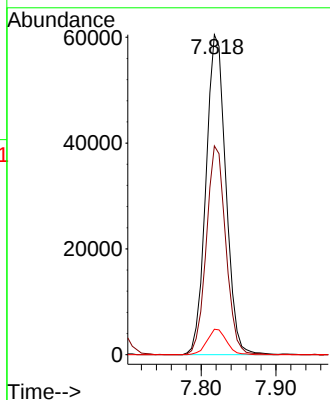
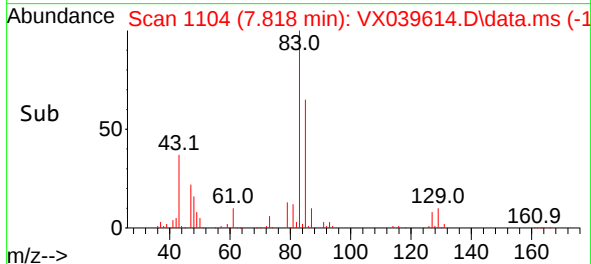
Tgt Ion: 83 Resp: 111600
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 7.9 7.1 10.7

Manual Integrations

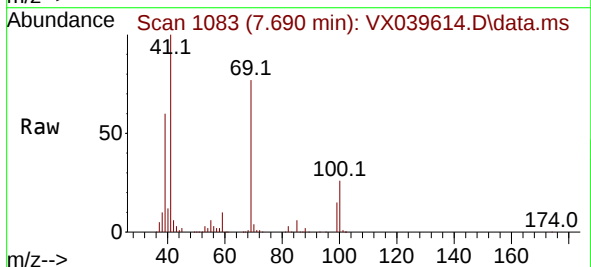
APPROVED

Reviewed By :John Carlone 01/04/2024

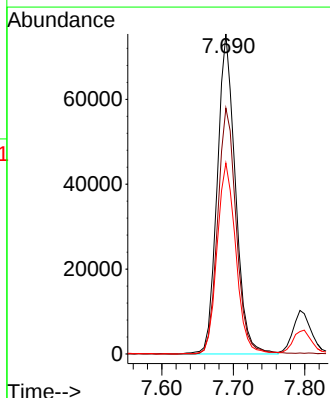
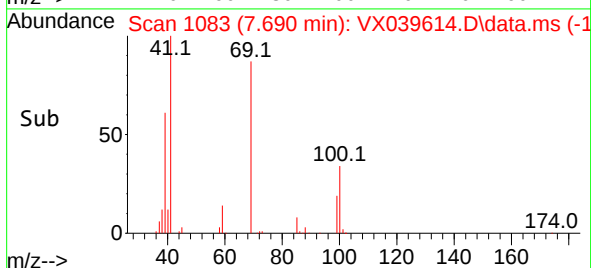
Supervised By :Mahesh Dadoda 01/04/2024

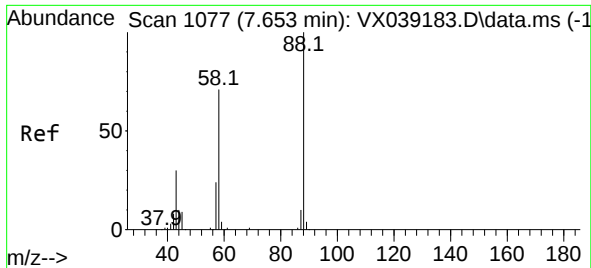


#48
Methyl methacrylate
Concen: 50.028 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



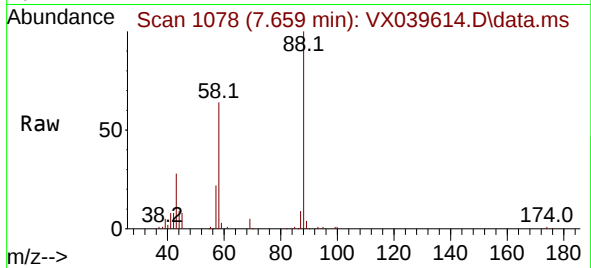
Tgt Ion: 41 Resp: 133239
Ion Ratio Lower Upper
41 100
69 78.6 59.2 88.8
39 61.6 47.7 71.5





#49
1,4-Dioxane
Concen: 975.881 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

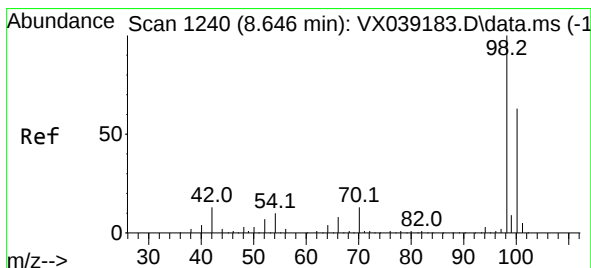
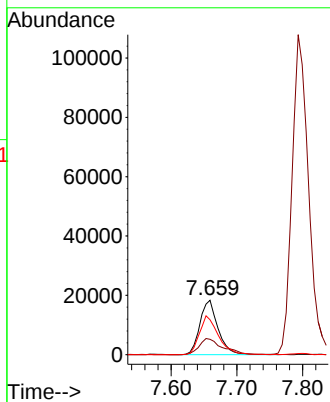
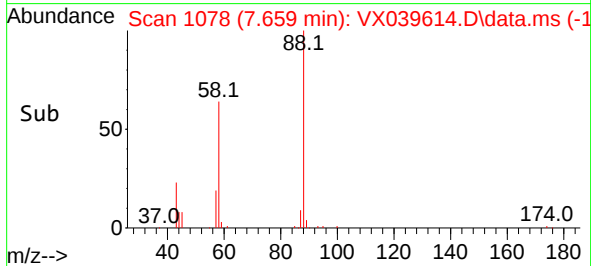
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 35034
Ion Ratio Lower Upper
88 100
43 38.7 0.0 0.0
58 74.8 60.1 90.1

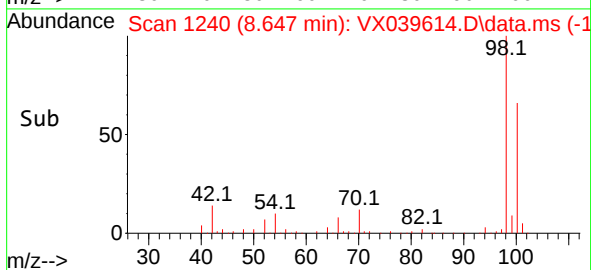
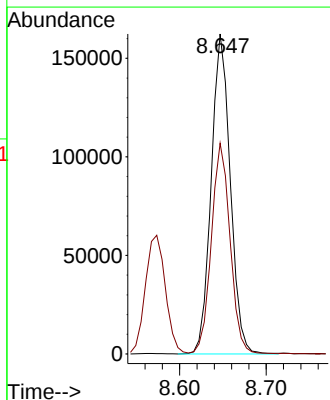
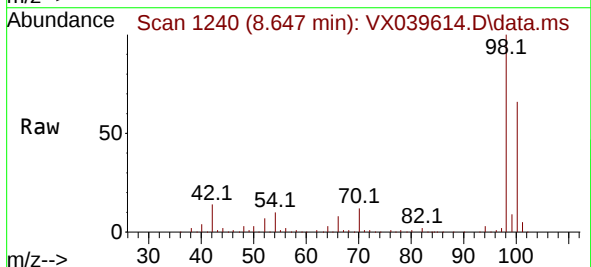
Manual Integrations
APPROVED

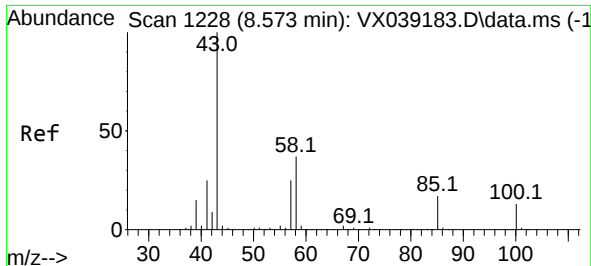
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#50
Toluene-d8
Concen: 46.497 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 98 Resp: 248051
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 255.756 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

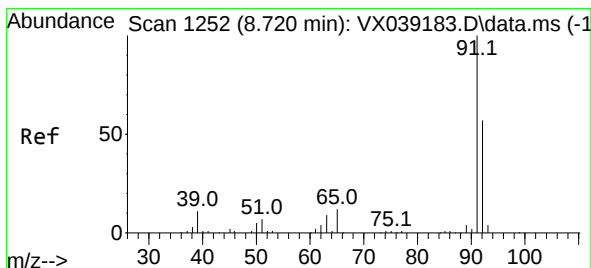
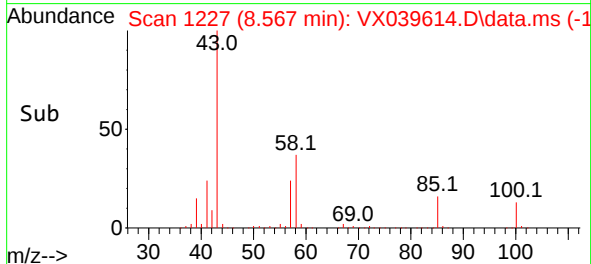
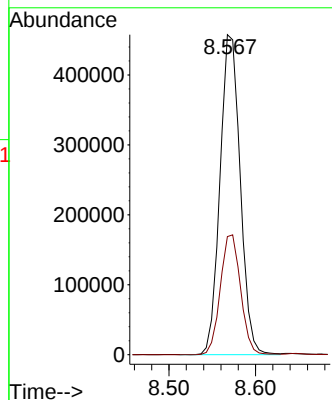
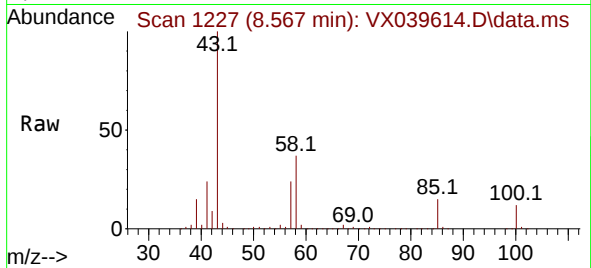
VSTDCCC050EC

Tgt Ion: 43 Resp: 742350
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

Manual Integrations

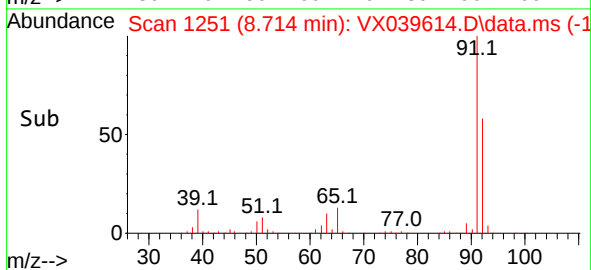
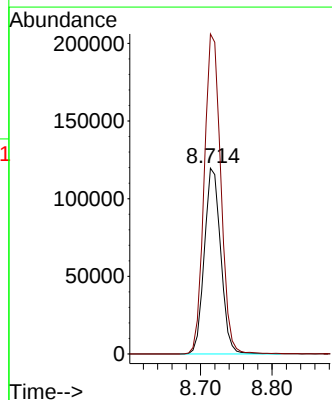
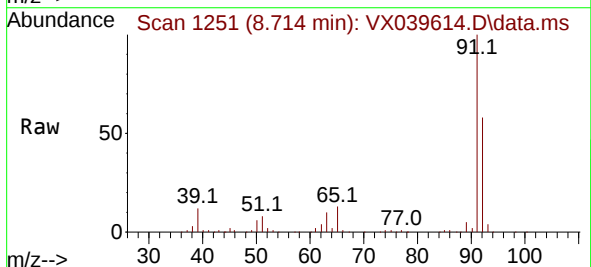
APPROVED

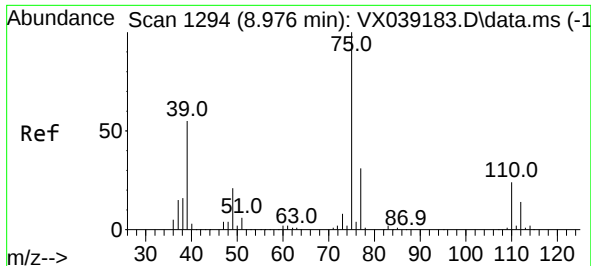
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 49.183 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 92 Resp: 190414
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.821 ug/l

RT: 8.976 min Scan# 11927

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11927

Ion Ratio Lower Upper

75 100

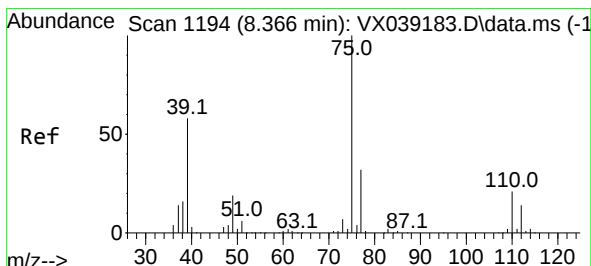
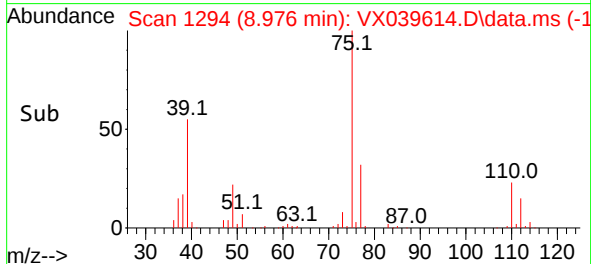
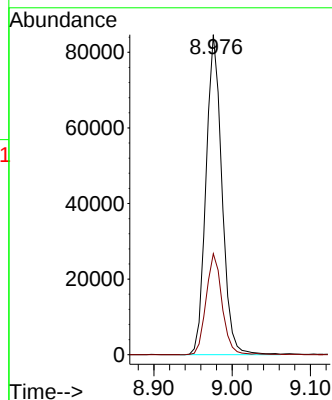
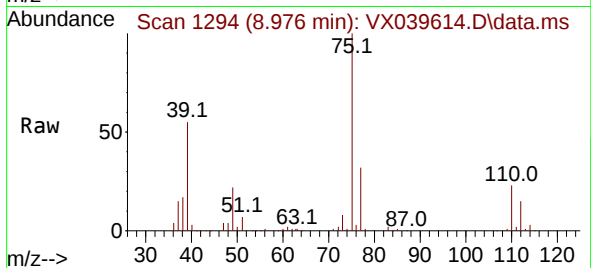
77 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#54

cis-1,3-Dichloropropene

Concen: 47.503 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

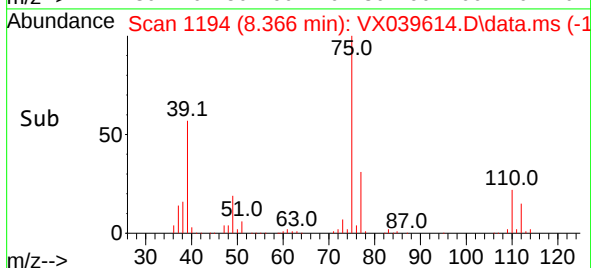
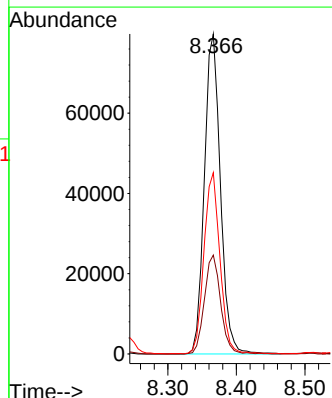
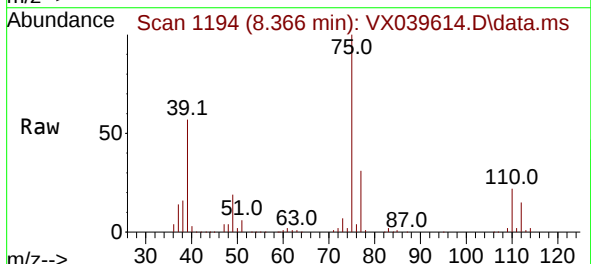
Tgt Ion: 75 Resp: 130202

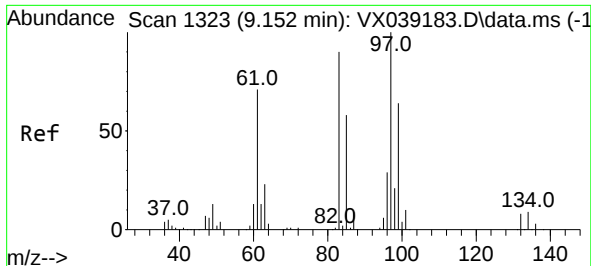
Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9

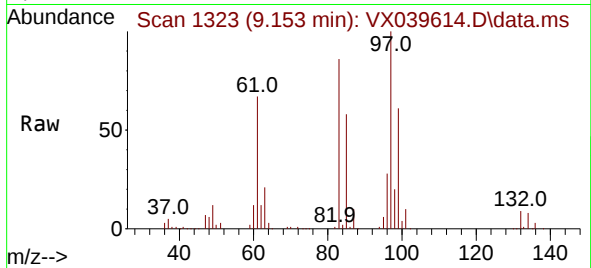
39 56.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.796 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

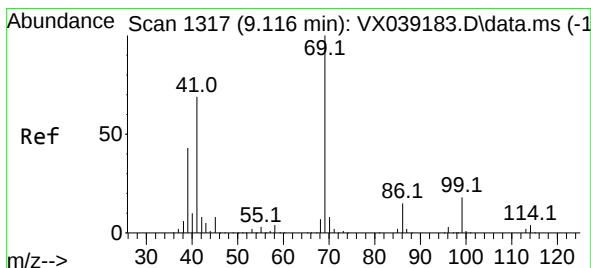
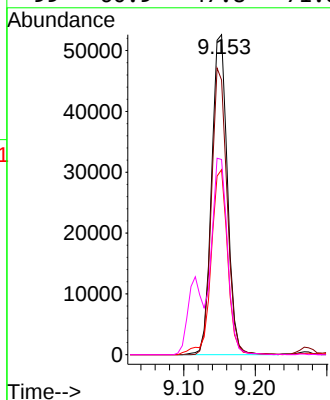
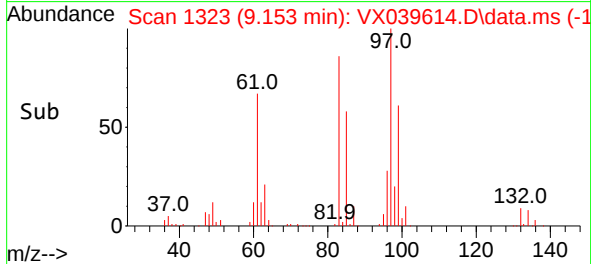
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.8	98.8
85	57.8	41.6	62.4
99	60.9	47.8	71.8

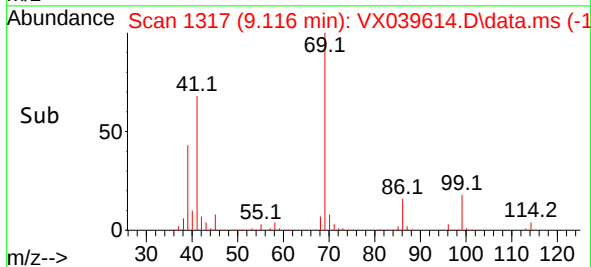
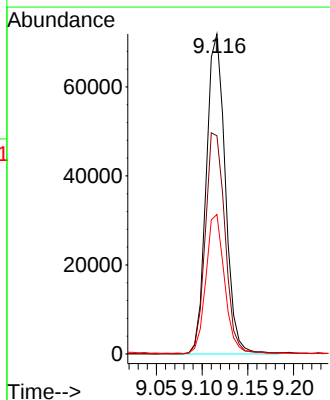
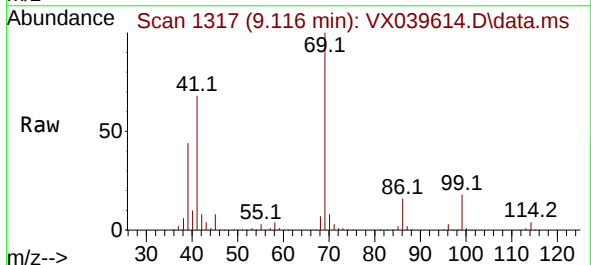
Manual Integrations
APPROVED

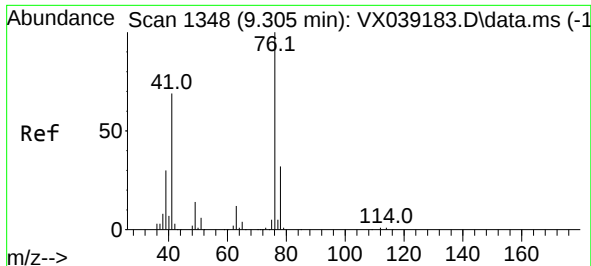
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#56
Ethyl methacrylate
Concen: 52.593 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

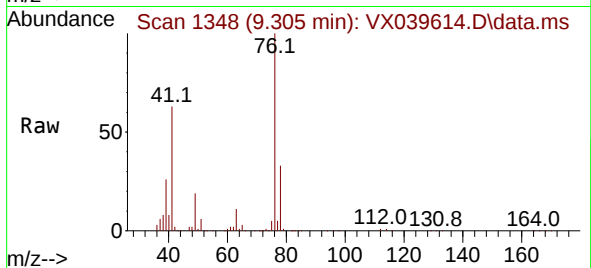
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	56.8	85.2
39	42.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 49.511 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

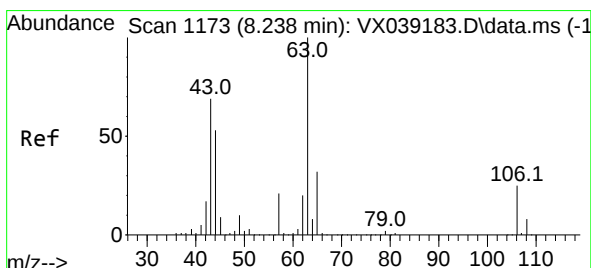
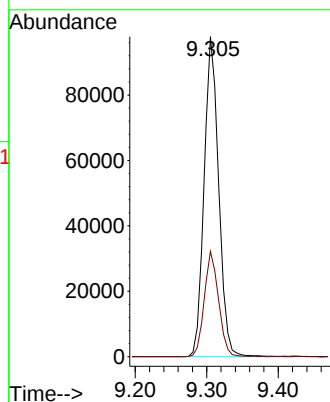
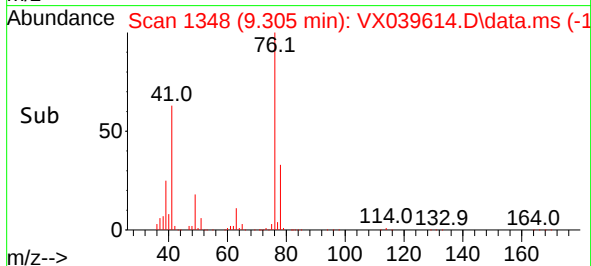
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



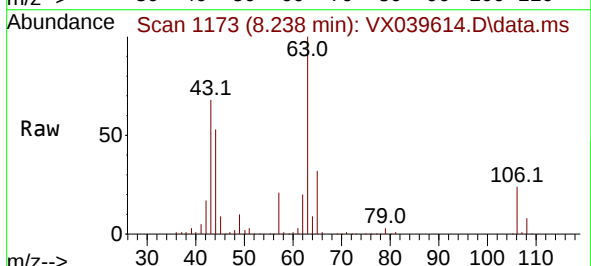
Tgt Ion: 76 Resp: 138344
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations
APPROVED

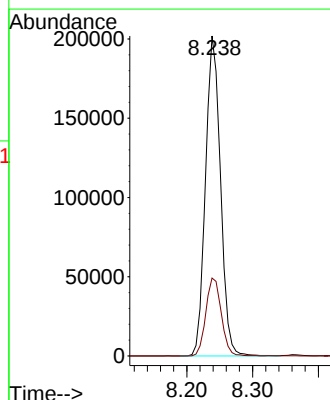
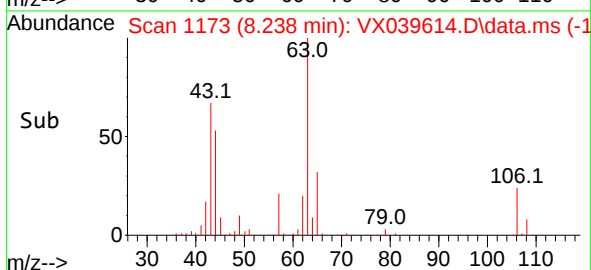
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

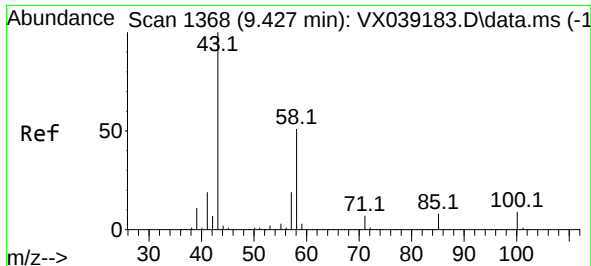


#58
2-Chloroethyl Vinyl ether
Concen: 276.752 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



Tgt Ion: 63 Resp: 320639
Ion Ratio Lower Upper
63 100
106 25.1 22.5 33.7





#59

2-Hexanone

Concen: 235.434 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 58977

Ion Ratio Lower Upper

43 100

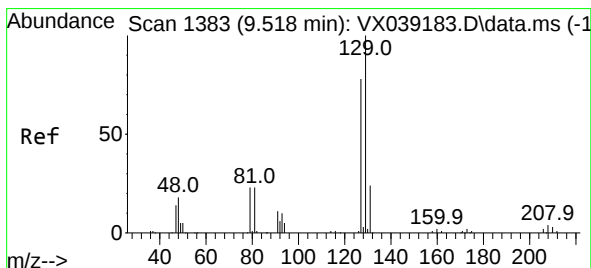
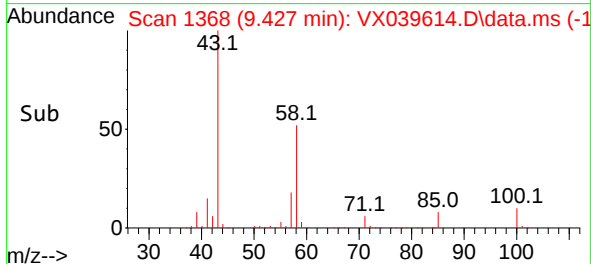
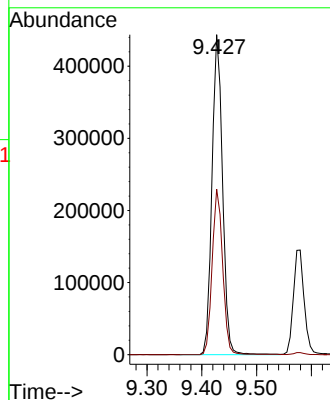
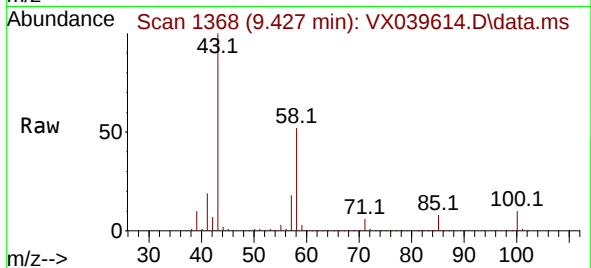
58 51.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#60

Dibromochloromethane

Concen: 48.185 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039614.D

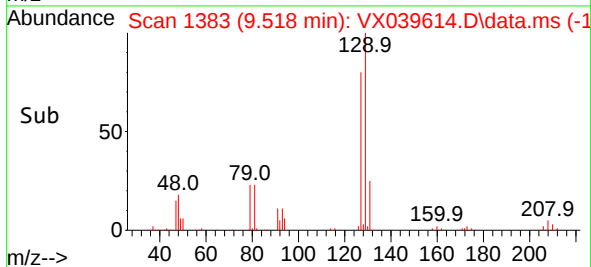
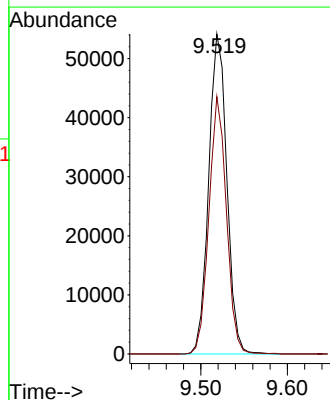
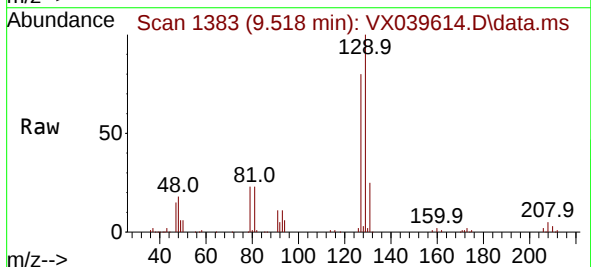
Acq: 03 Jan 2024 19:45

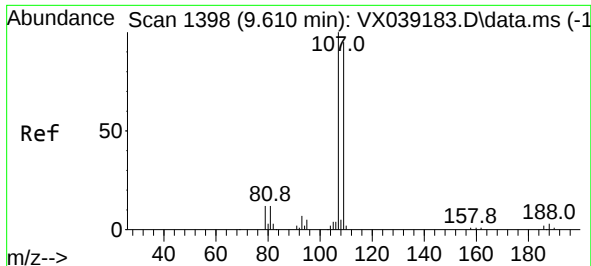
Tgt Ion:129 Resp: 78763

Ion Ratio Lower Upper

129 100

127 77.8 38.8 116.4





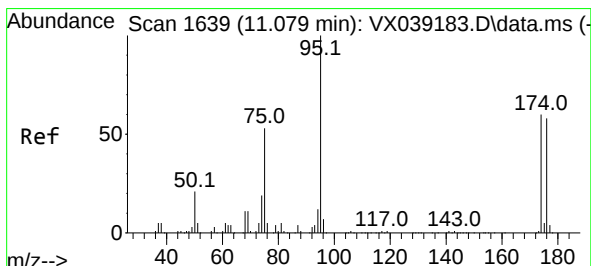
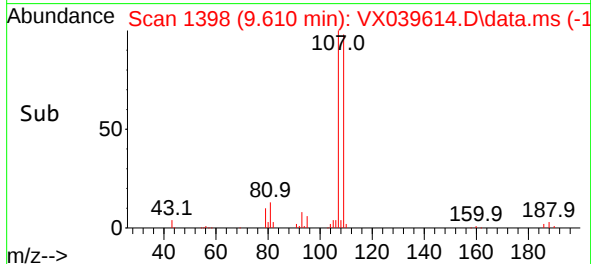
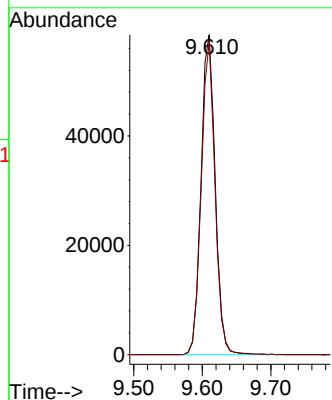
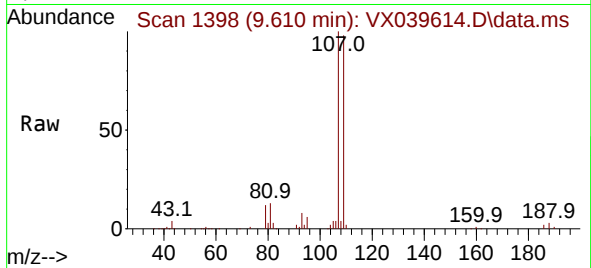
#61
1,2-Dibromoethane
Concen: 48.807 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 8421
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

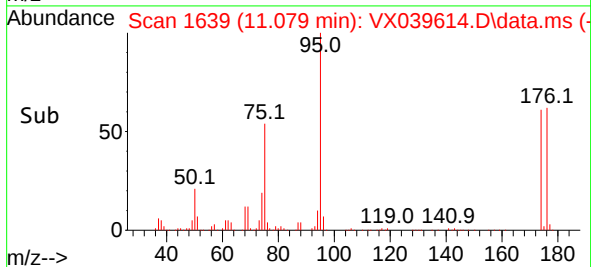
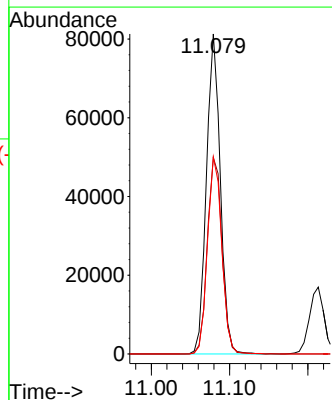
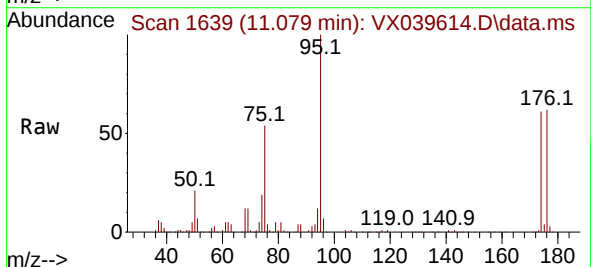
Manual Integrations
APPROVED

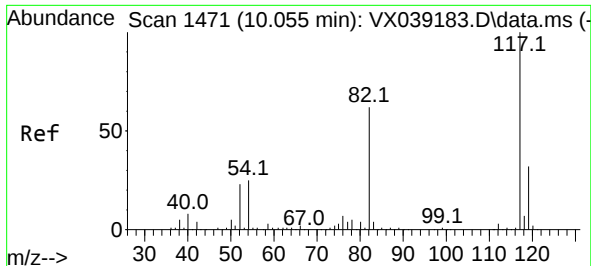
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#62
4-Bromofluorobenzene
Concen: 45.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

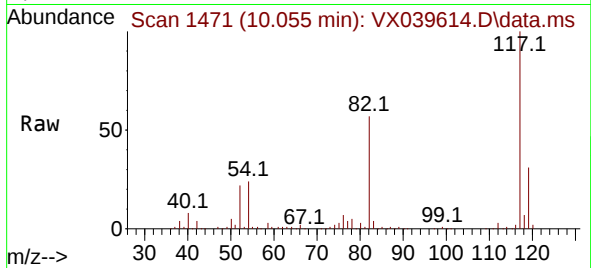
Tgt Ion: 95 Resp: 99624
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 63.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

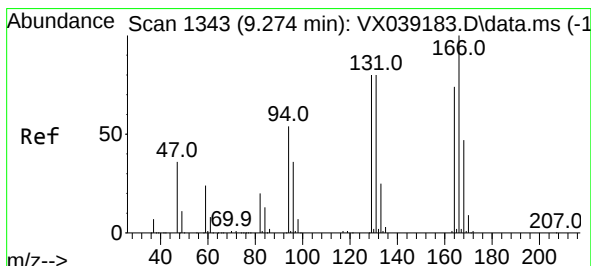
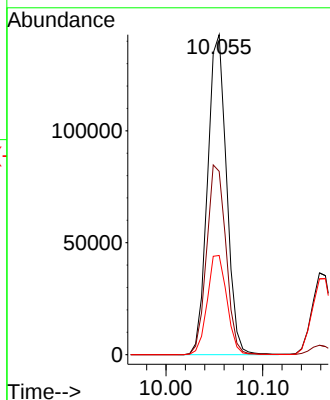
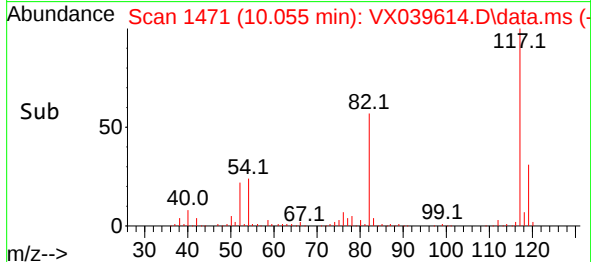
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 19512
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.0 25.5 38.3

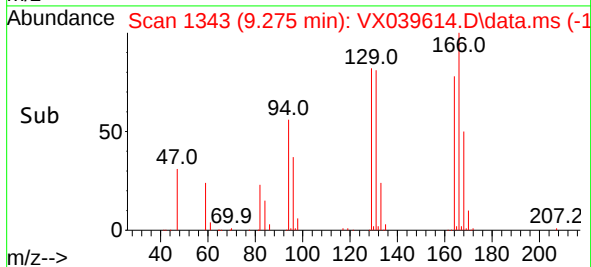
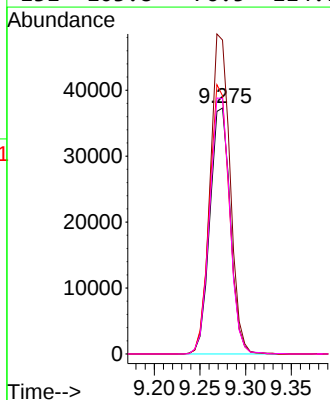
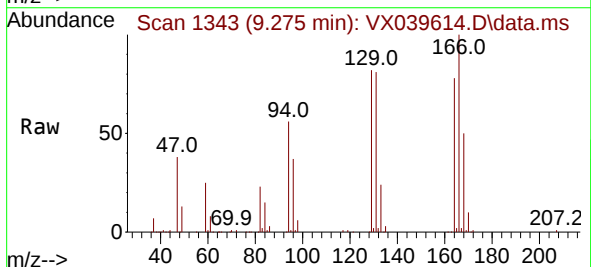
Manual Integrations
APPROVED

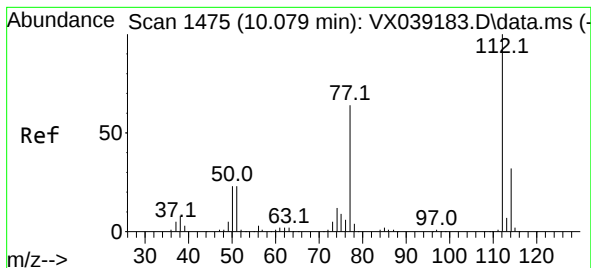
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#64
Tetrachloroethene
Concen: 45.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion:164 Resp: 57585
Ion Ratio Lower Upper
164 100
166 127.6 102.7 154.1
129 105.0 80.4 120.6
131 103.8 76.5 114.7





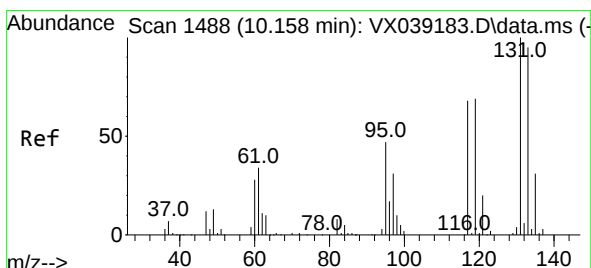
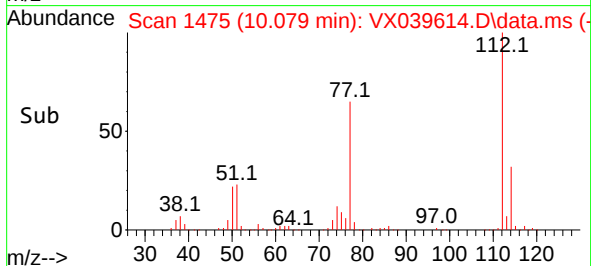
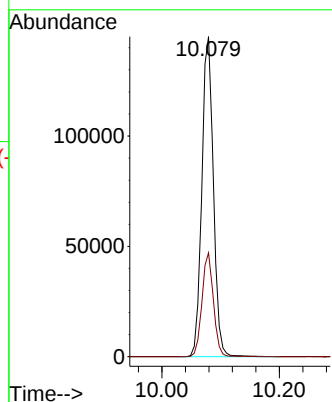
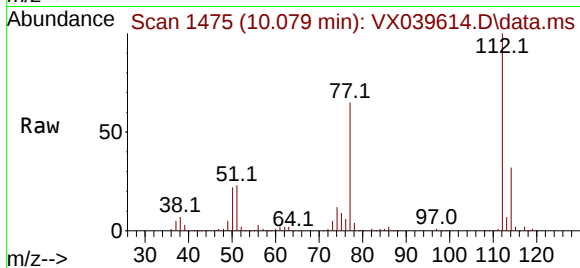
#65
Chlorobenzene
Concen: 46.518 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 19811
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

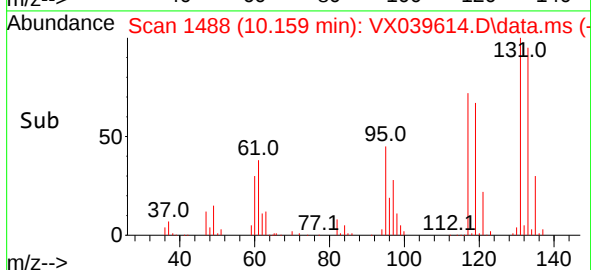
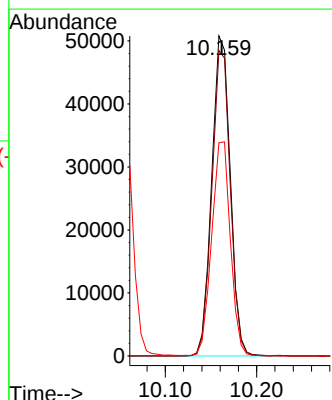
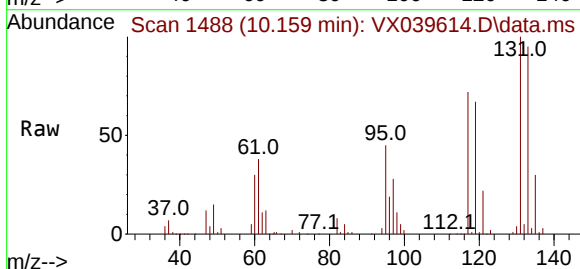
Manual Integrations
APPROVED

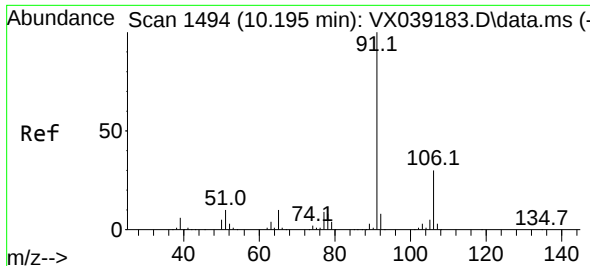
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.591 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion:131 Resp: 71594
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 67.5 32.2 96.6





#67

Ethyl Benzene

Concen: 47.655 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 37779

Ion Ratio Lower Upper

91 100

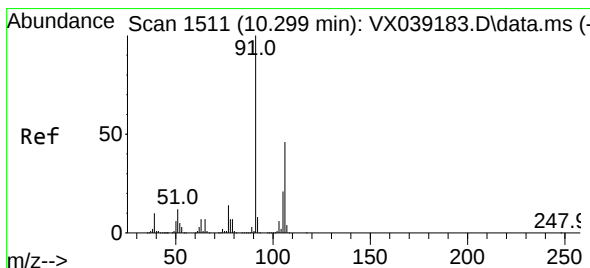
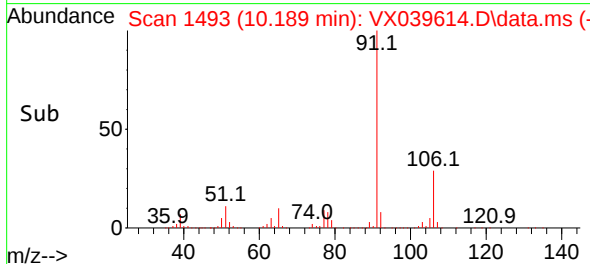
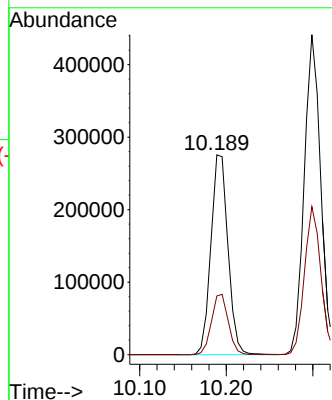
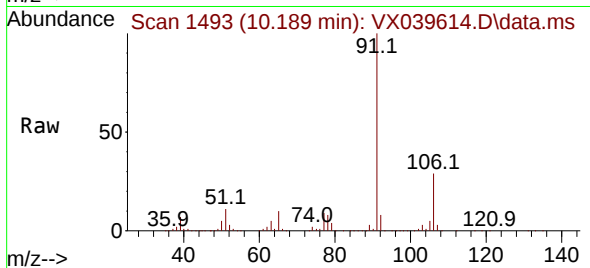
106 29.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#68

m/p-Xylenes

Concen: 95.262 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039614.D

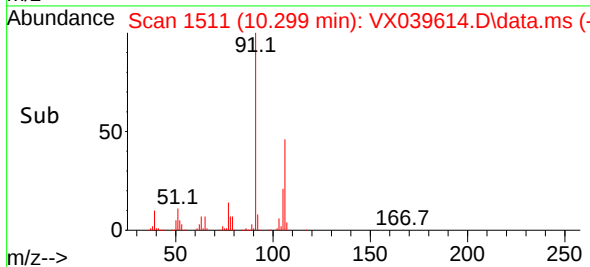
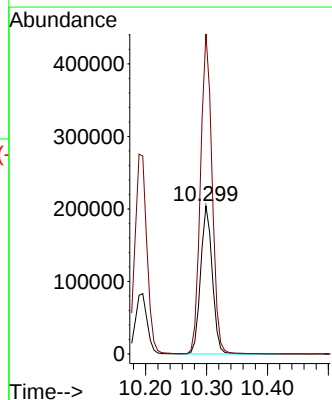
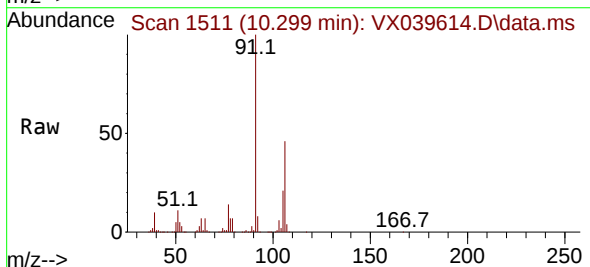
Acq: 03 Jan 2024 19:45

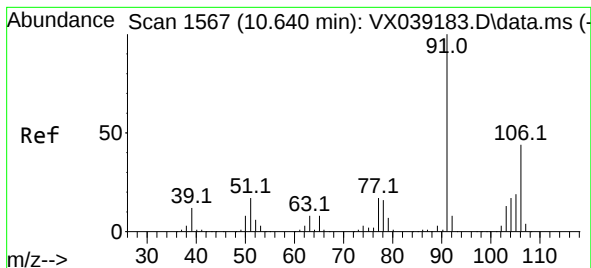
Tgt Ion:106 Resp: 270775

Ion Ratio Lower Upper

106 100

91 215.6 165.5 248.3





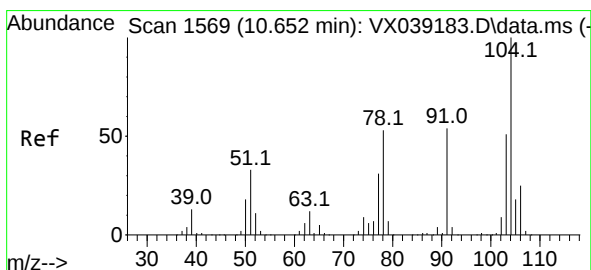
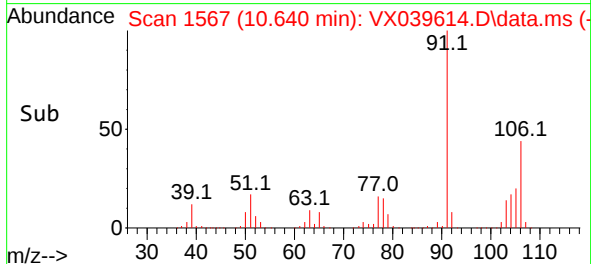
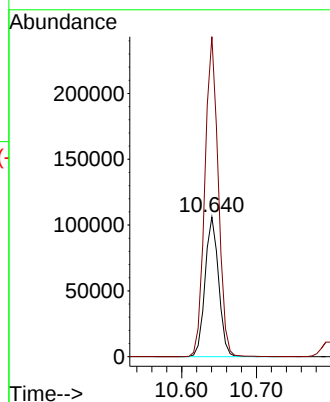
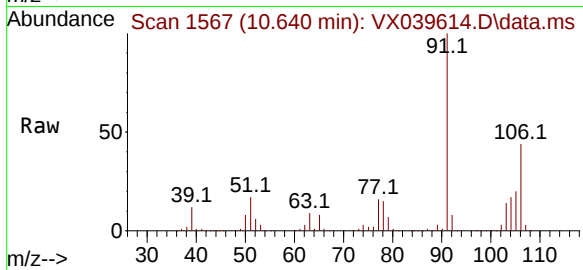
#69
o-Xylene
Concen: 48.564 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13346
Ion Ratio Lower Upper
106 100
91 226.6 108.9 326.8

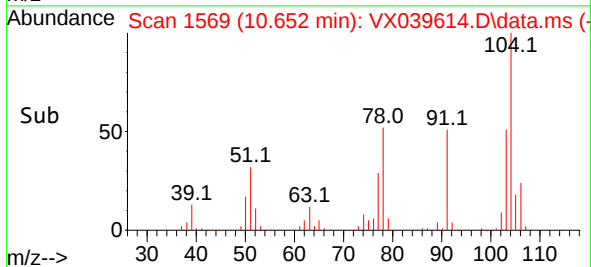
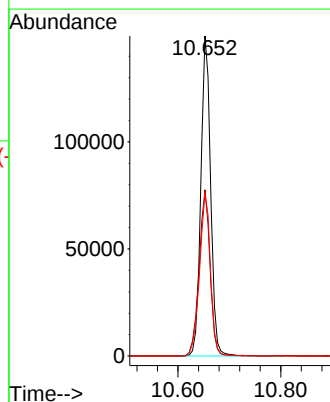
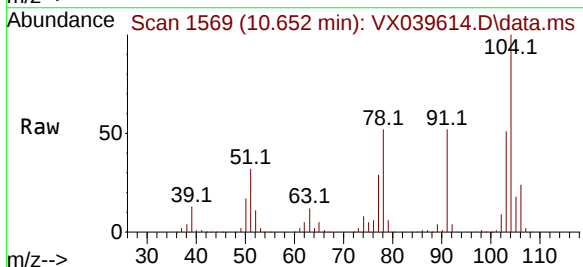
Manual Integrations
APPROVED

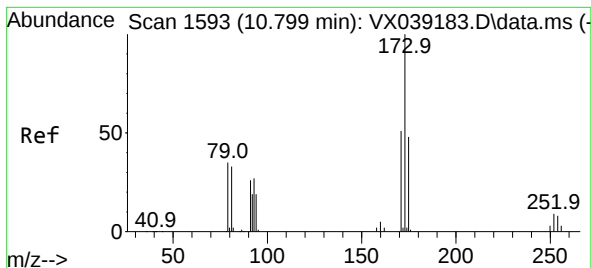
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 49.142 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion:104 Resp: 197440
Ion Ratio Lower Upper
104 100
78 58.2 43.6 65.4
103 56.7 43.6 65.4





#71

Bromoform

Concen: 46.672 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

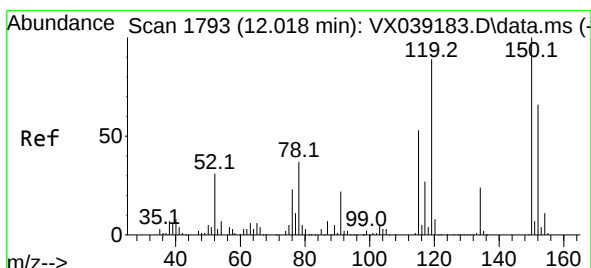
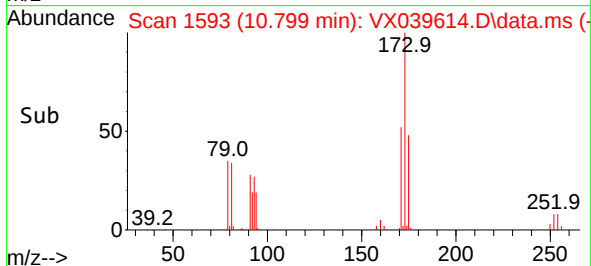
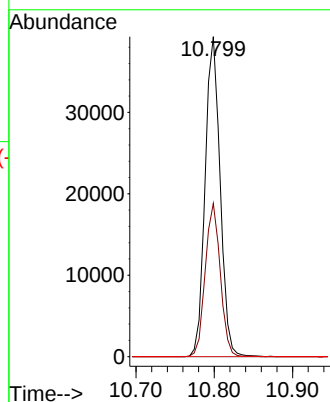
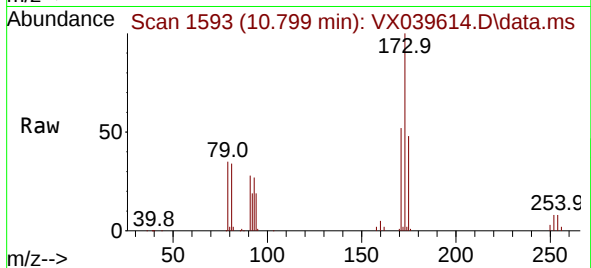
Tgt Ion:173	Resp:	52189
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

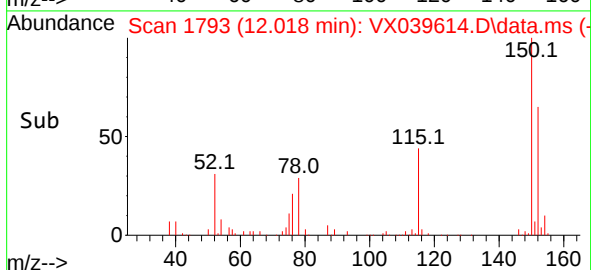
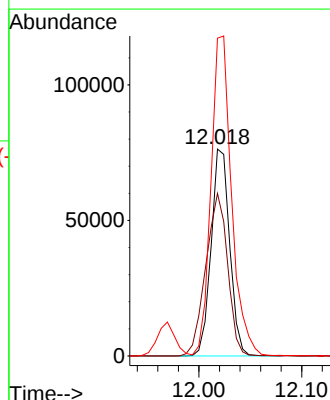
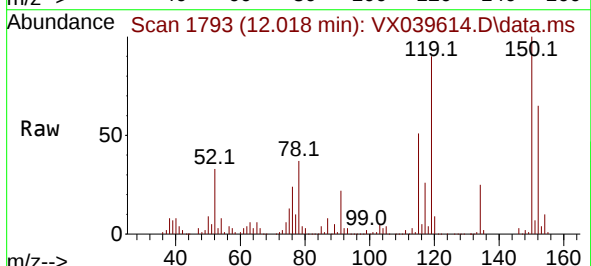
RT: 12.018 min Scan# 1793

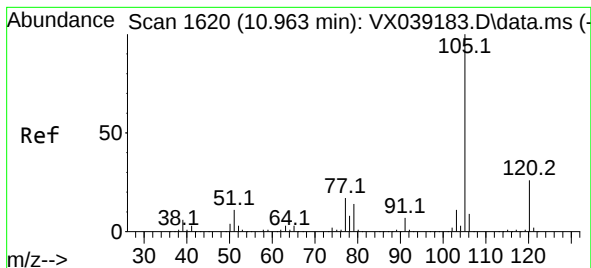
Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion:152	Resp:	95614
Ion Ratio	Lower	Upper
152	100	
115	92.4	43.3 129.9
150	172.0	0.0 345.0





#73

Isopropylbenzene

Concen: 48.251 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 355949

Ion Ratio Lower Upper

105 100

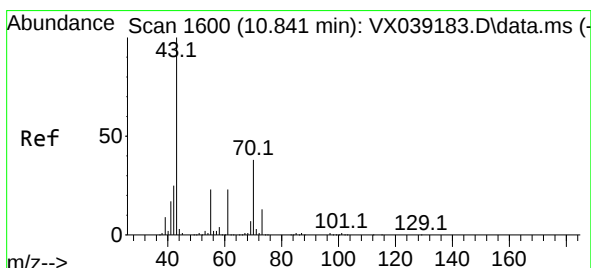
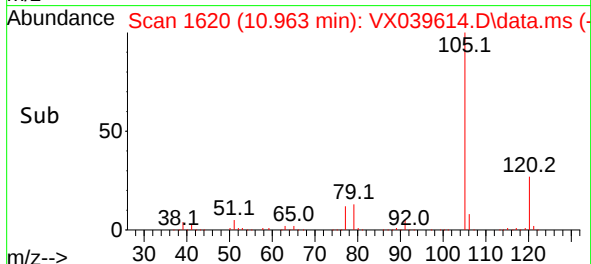
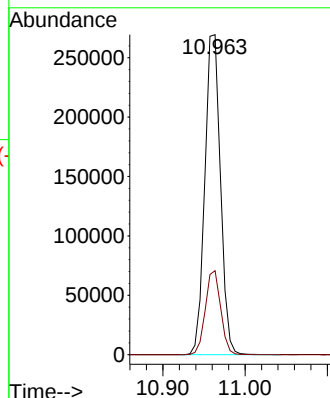
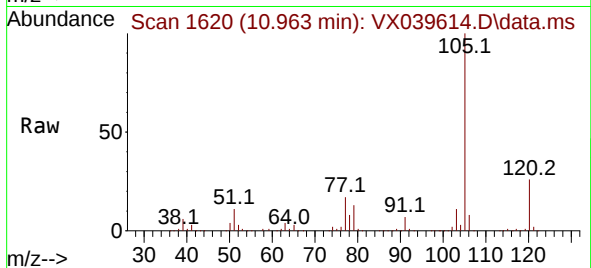
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#74

N-ethyl acetate

Concen: 51.415 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion: 43 Resp: 191905

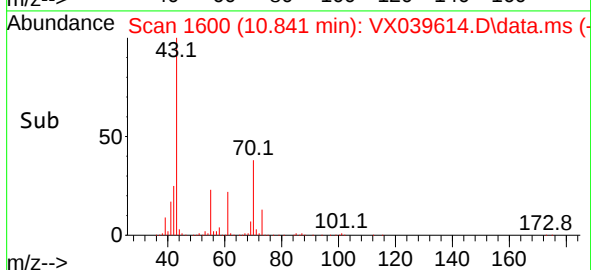
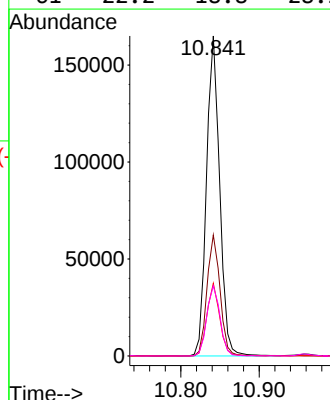
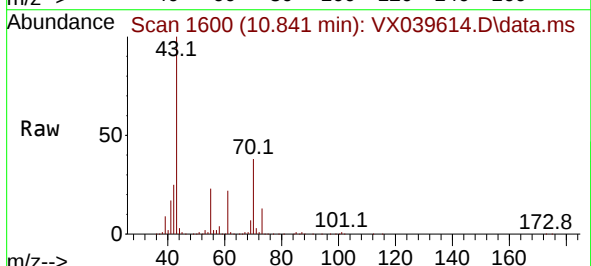
Ion Ratio Lower Upper

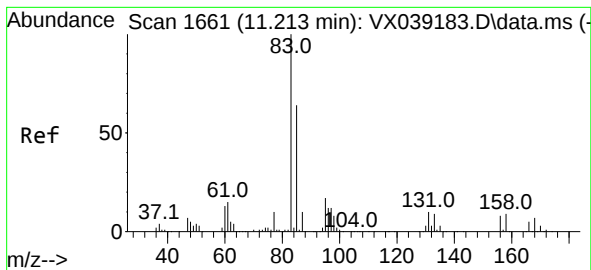
43 100

70 37.5 32.9 49.3

55 22.3 19.3 28.9

61 22.2 18.8 28.2





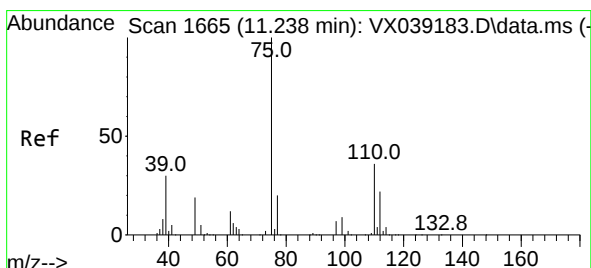
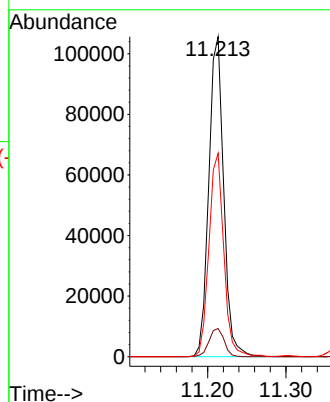
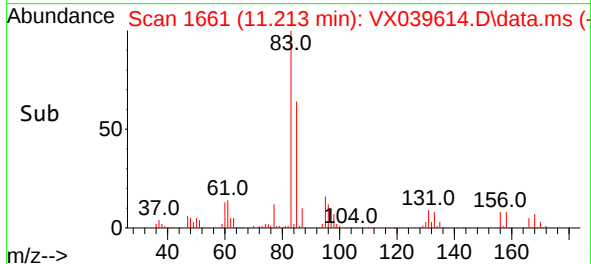
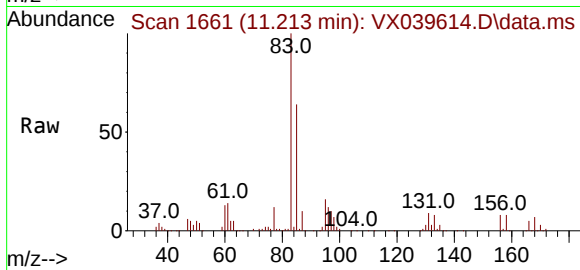
#75
1,1,2,2-Tetrachloroethane
Concen: 50.620 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13891
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 63.5 32.0 96.2

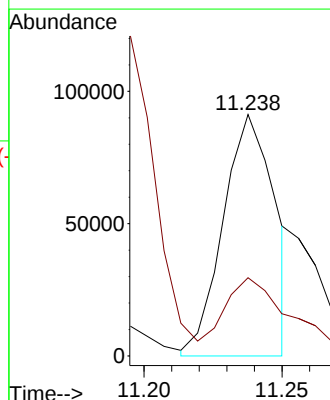
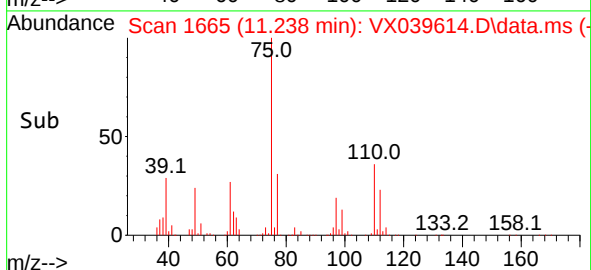
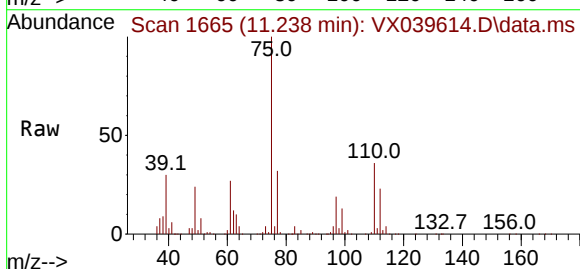
Manual Integrations
APPROVED

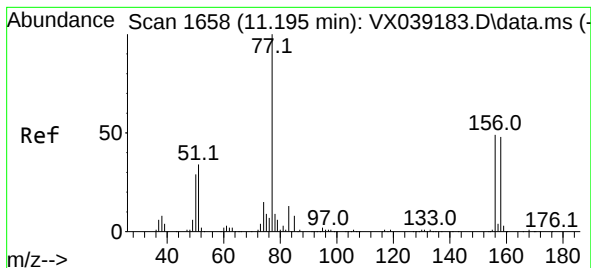
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#76
1,2,3-Trichloropropane
Concen: 48.032 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Tgt Ion: 75 Resp: 118816
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 47.564 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

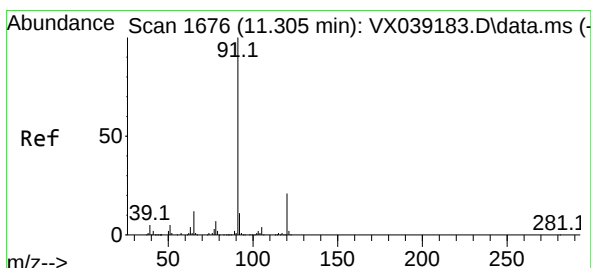
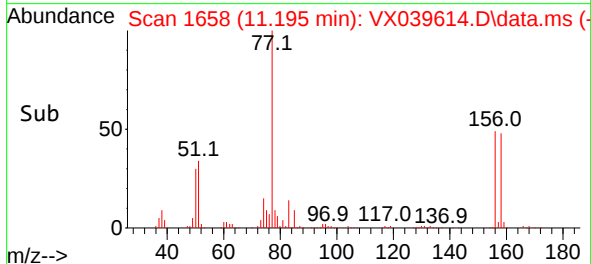
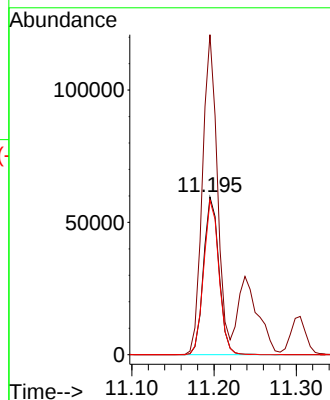
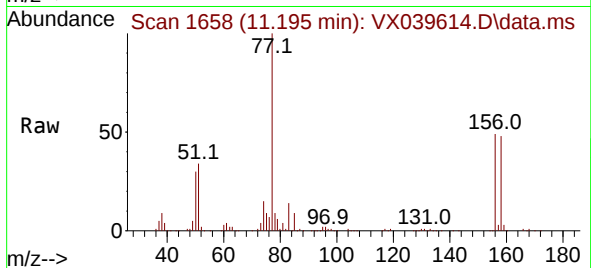
Tgt Ion:	156	Resp:	77592
Ion Ratio	Lower	Upper	
156	100		
77	196.8	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#78

n-propylbenzene

Concen: 48.361 ug/l

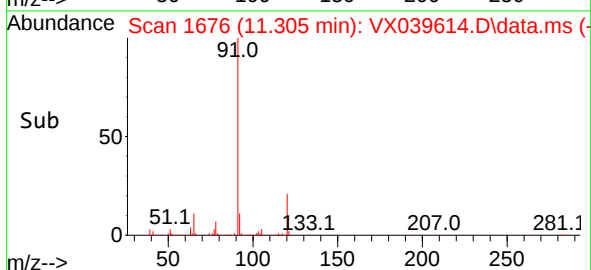
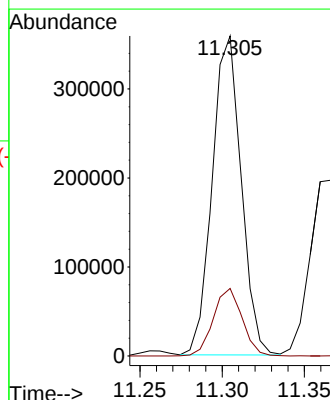
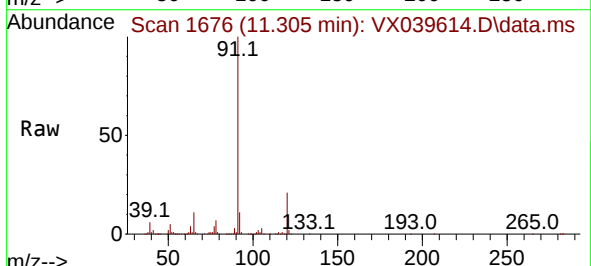
RT: 11.305 min Scan# 1676

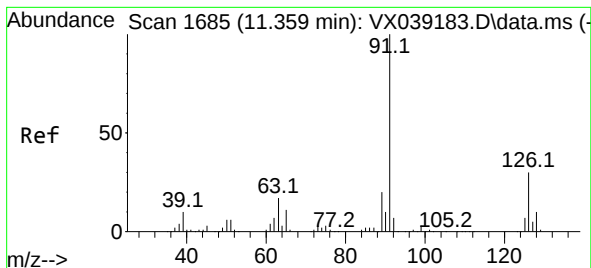
Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion:	91	Resp:	439557
Ion Ratio	Lower	Upper	
91	100		
120	21.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 47.053 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 25869

Ion Ratio Lower Upper

91 100

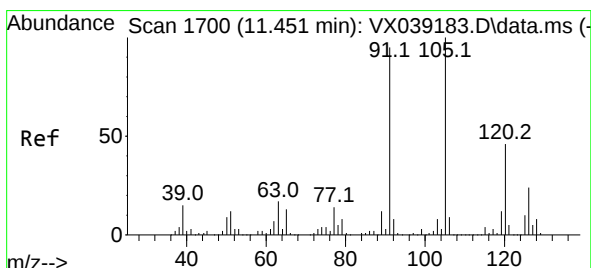
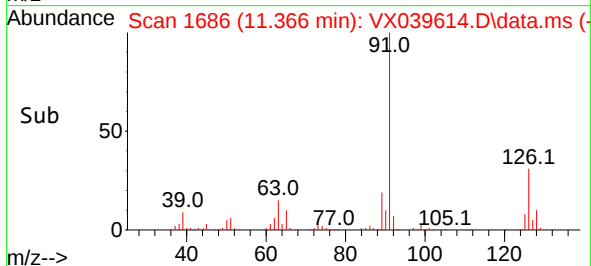
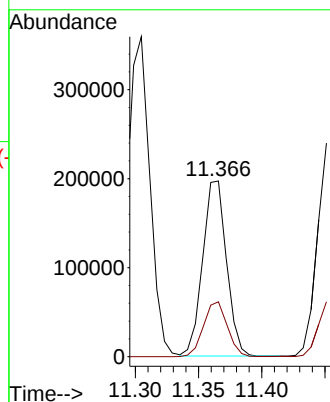
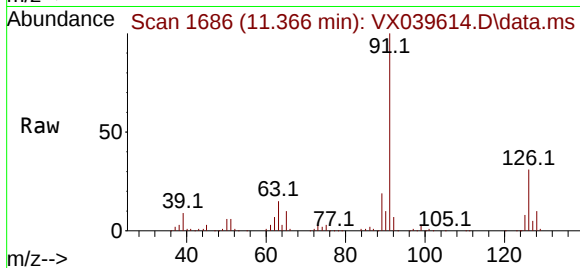
126 31.4 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.983 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039614.D

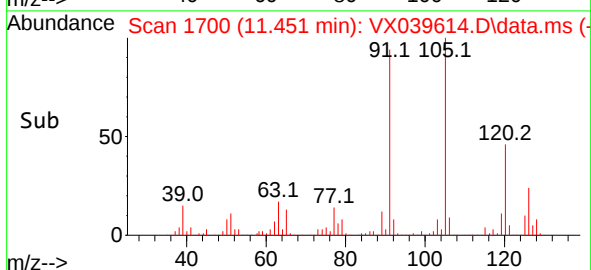
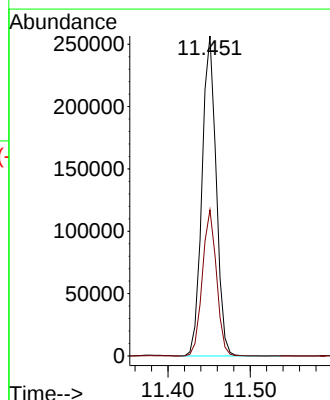
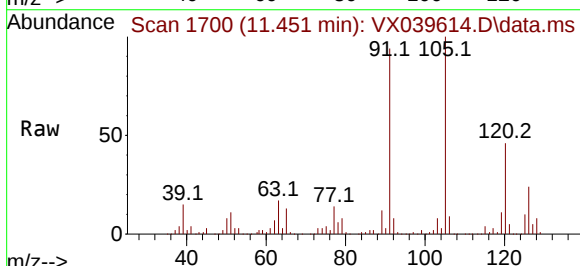
Acq: 03 Jan 2024 19:45

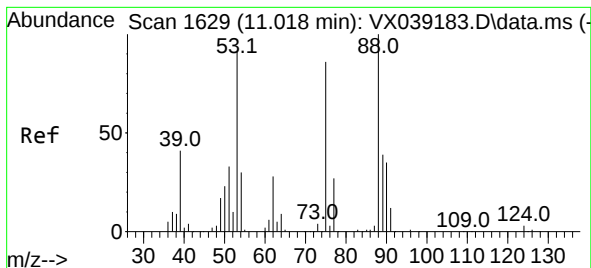
Tgt Ion:105 Resp: 307831

Ion Ratio Lower Upper

105 100

120 45.5 24.1 72.3





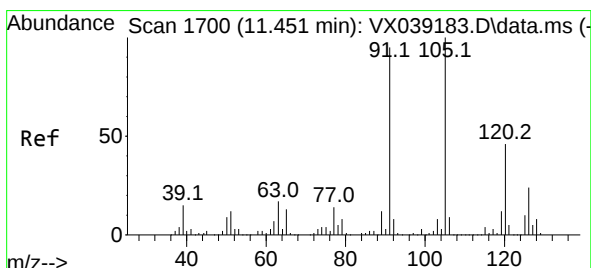
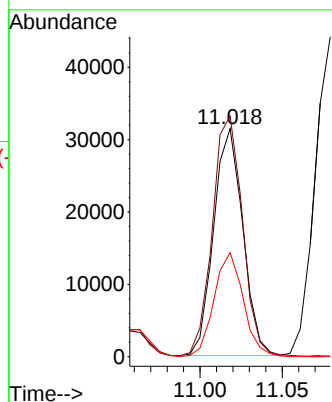
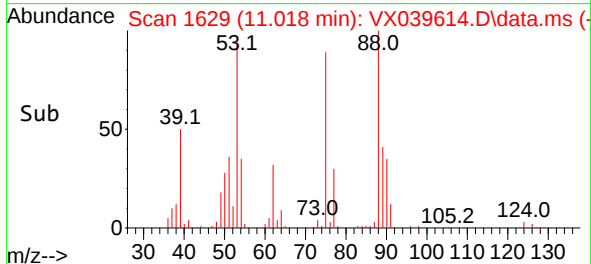
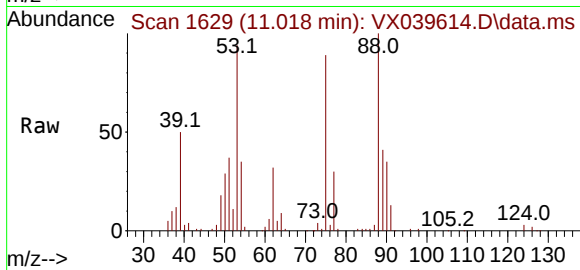
#81
trans-1,4-Dichloro-2-butene
Concen: 44.126 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 38694
Ion Ratio Lower Upper
75 100
53 109.1 90.5 135.7
89 45.8 36.9 55.3

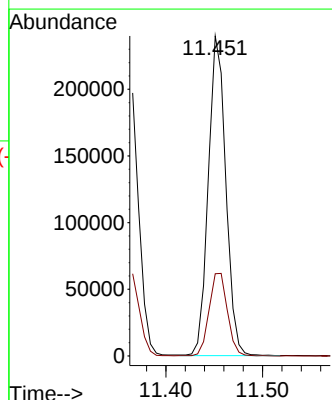
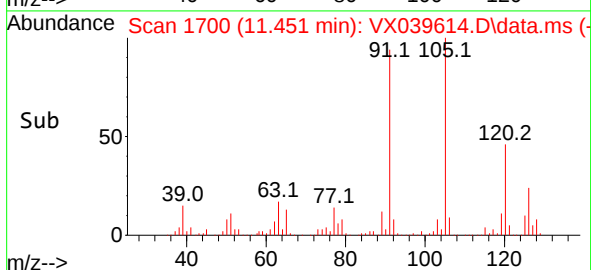
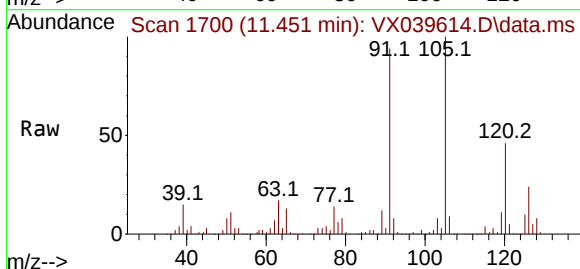
Manual Integrations
APPROVED

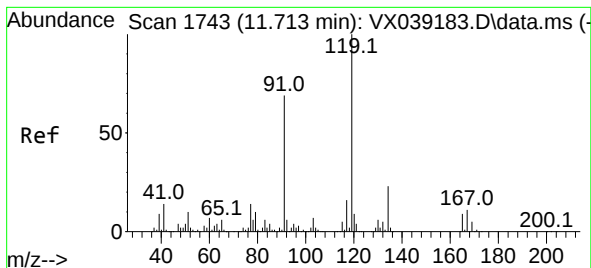
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#82
4-Chlorotoluene
Concen: 46.813 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

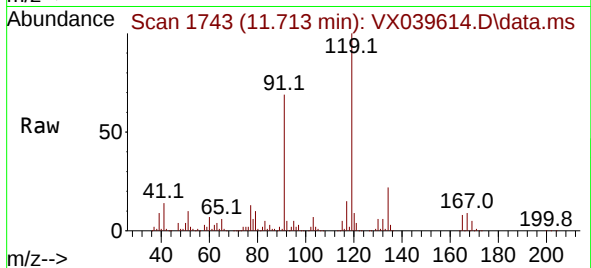
Tgt Ion: 91 Resp: 302293
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.825 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

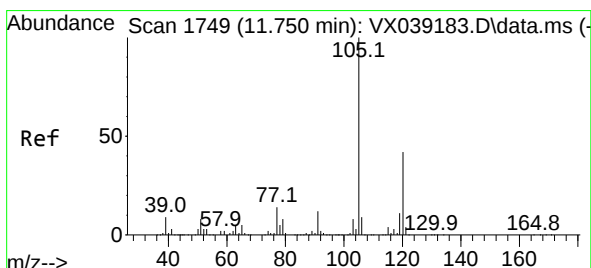
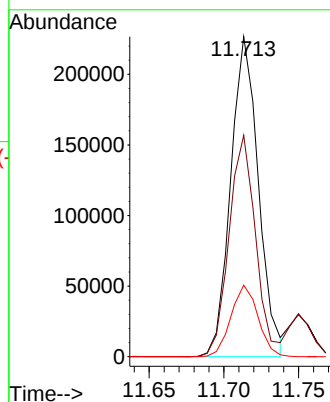
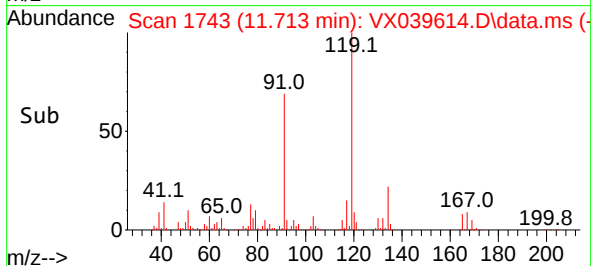
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



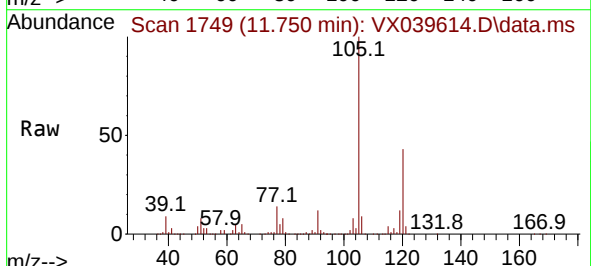
Tgt Ion:119 Resp: 292019
Ion Ratio Lower Upper
119 100
91 66.6 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

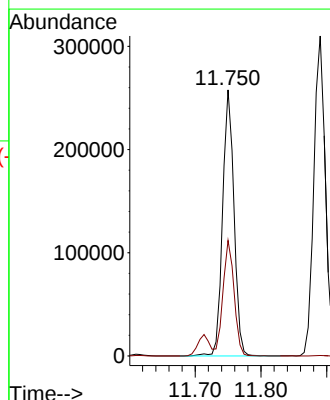
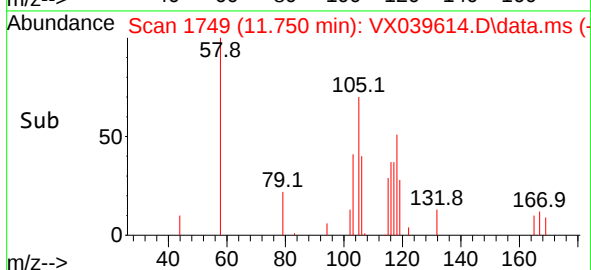
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

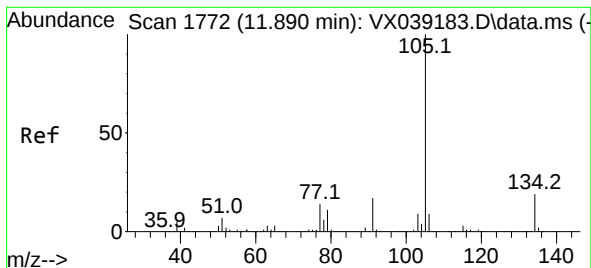


#84
1,2,4-Trimethylbenzene
Concen: 48.168 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



Tgt Ion:105 Resp: 310424
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.377 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039614.D
 Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

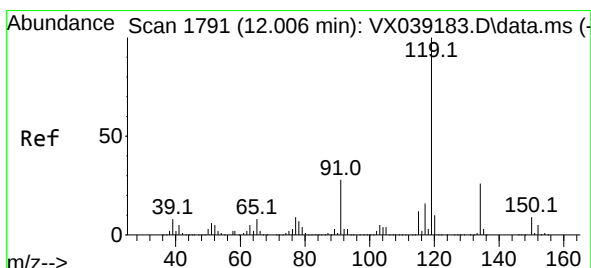
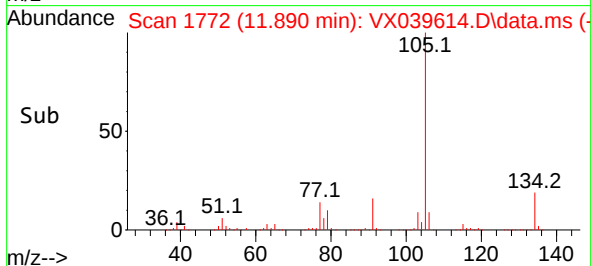
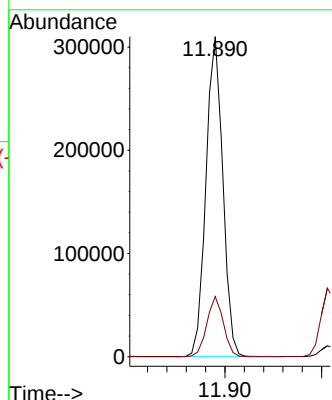
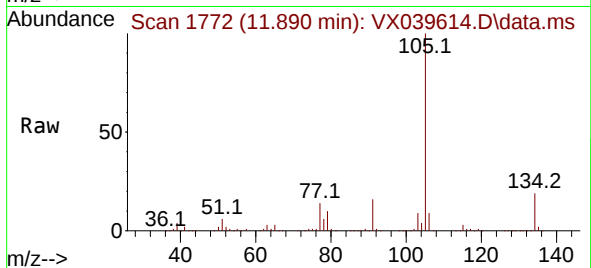
VSTDCCC050EC

Tgt Ion:105 Resp: 37579
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.4

Manual Integrations

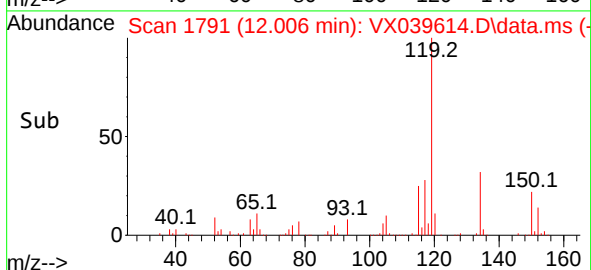
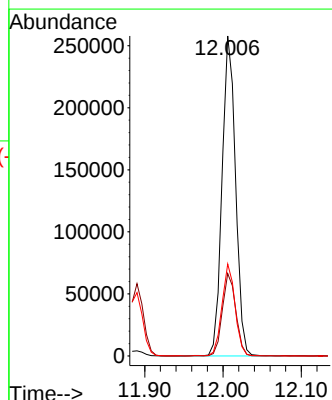
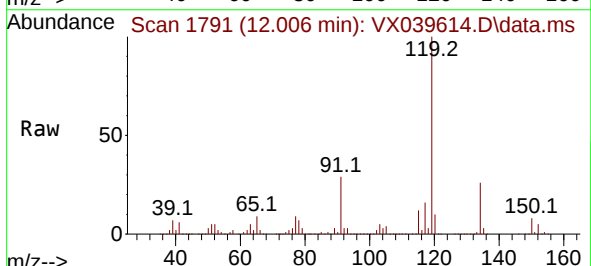
APPROVED

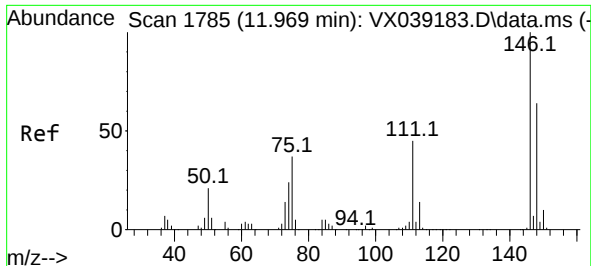
Reviewed By :John Carlone 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#86
 p-Isopropyltoluene
 Concen: 48.487 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039614.D
 Acq: 03 Jan 2024 19:45

Tgt Ion:119 Resp: 309690
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 46.979 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039614.D

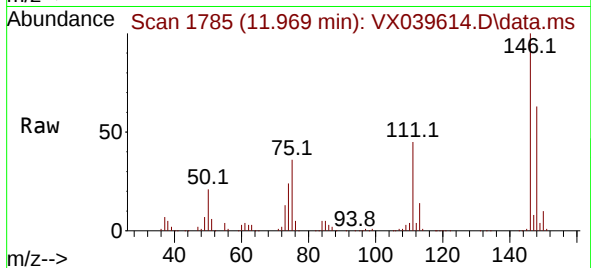
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 150560

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.1

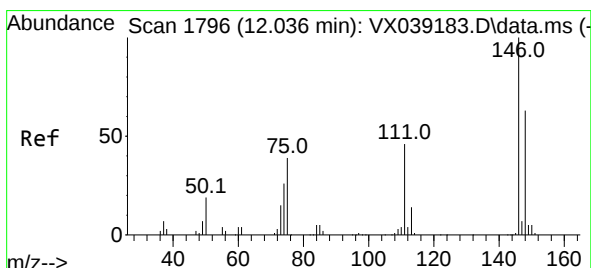
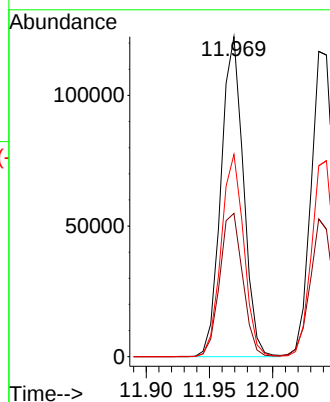
148 63.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#88

1,4-Dichlorobenzene

Concen: 45.265 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

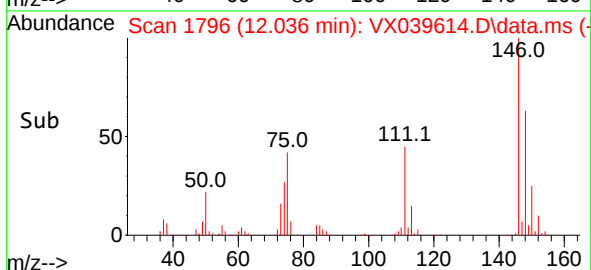
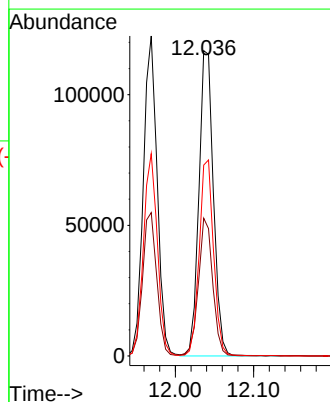
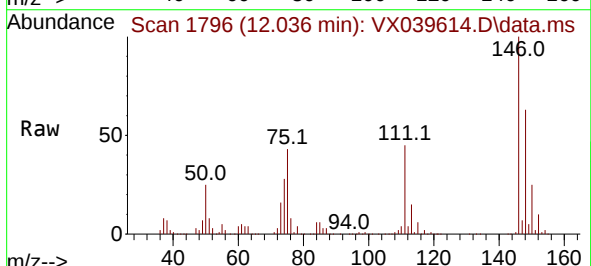
Tgt Ion:146 Resp: 151047

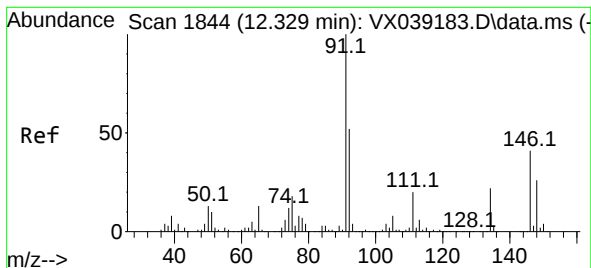
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

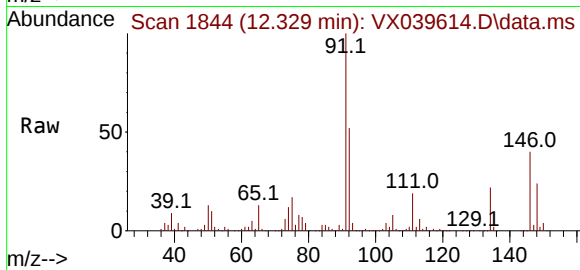
148 63.3 31.8 95.4





#89
n-Butylbenzene
Concen: 49.402 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

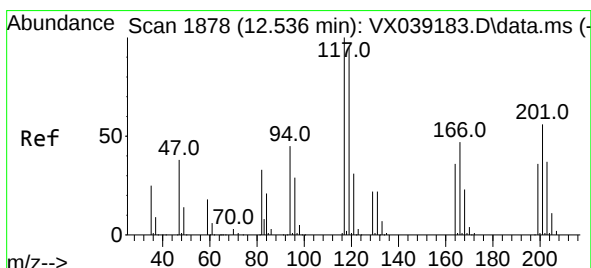
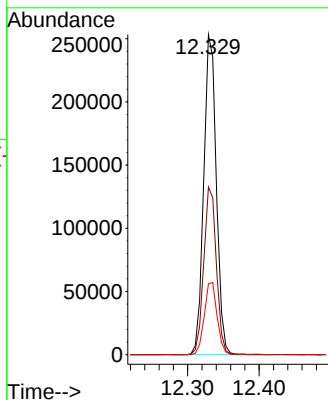
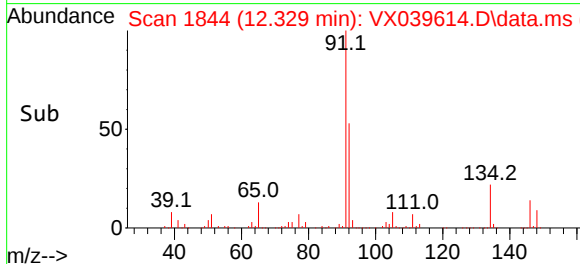
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 31018
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 23.0 12.6 37.8

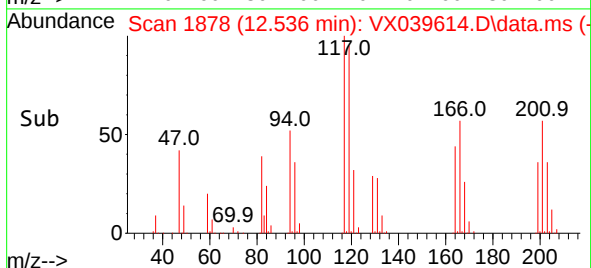
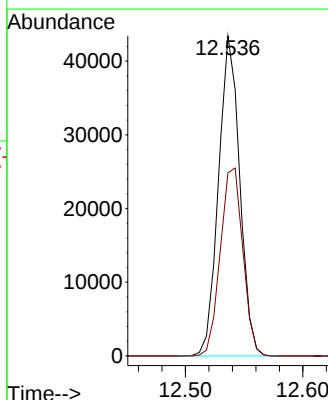
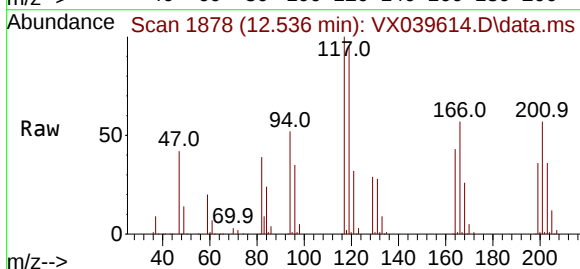
Manual Integrations
APPROVED

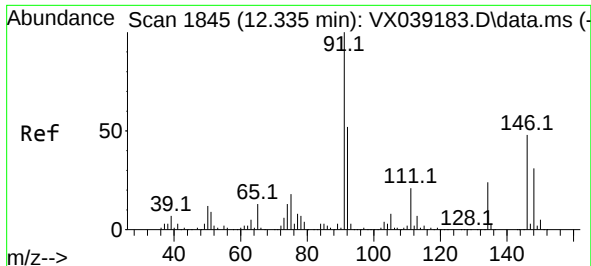
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 47.239 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

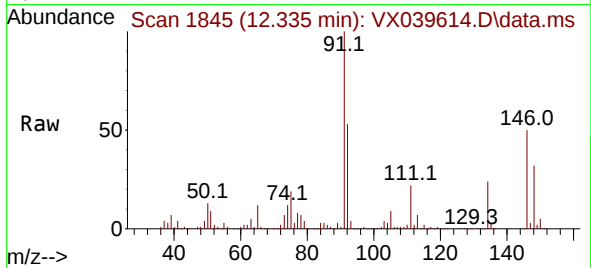
Tgt Ion:117 Resp: 54502
Ion Ratio Lower Upper
117 100
201 62.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 47.890 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45

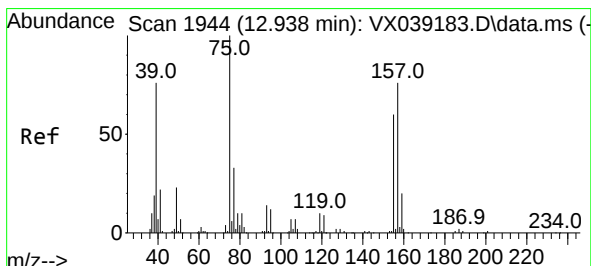
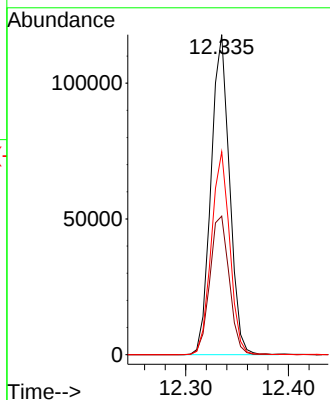
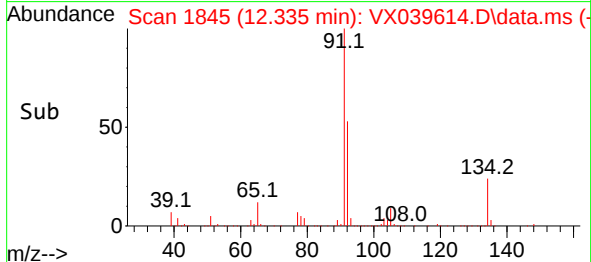
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



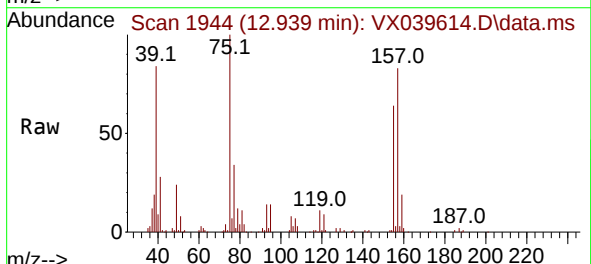
Tgt Ion:146 Resp: 14685
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 63.2 31.6 95.0

Manual Integrations
APPROVED

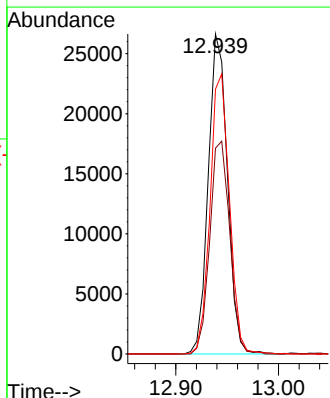
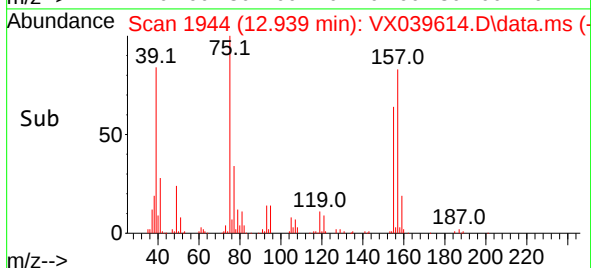
Reviewed By :John Carlone 01/04/2024
Supervised By :Mahesh Dadoda 01/04/2024

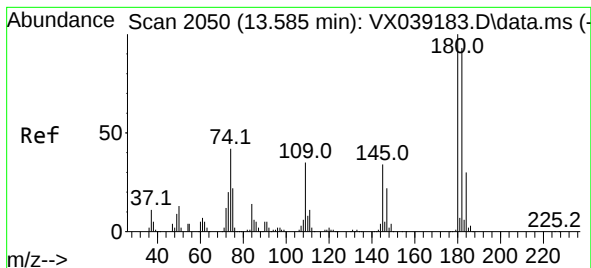


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.750 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039614.D
Acq: 03 Jan 2024 19:45



Tgt Ion: 75 Resp: 34515
Ion Ratio Lower Upper
75 100
155 69.4 36.1 108.5
157 88.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 46.738 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

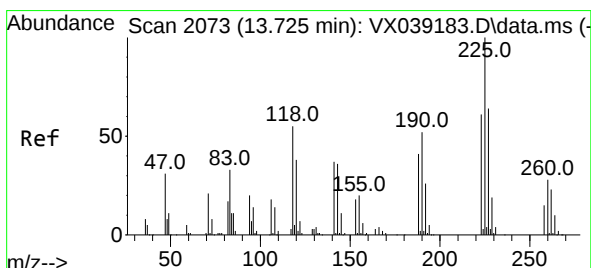
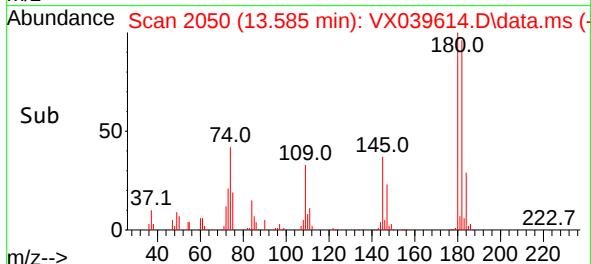
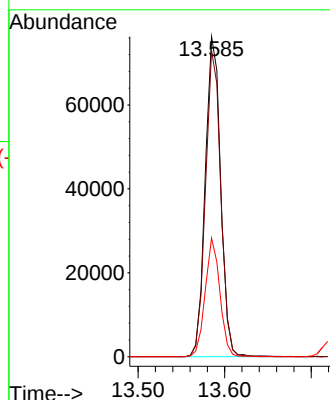
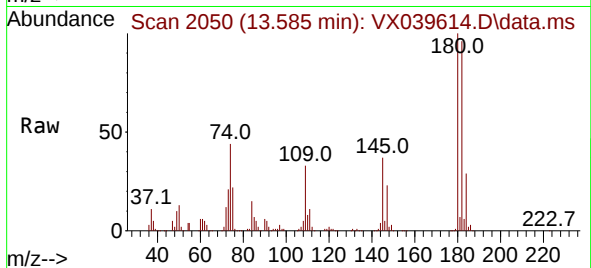
Tgt Ion:180	Resp:	93840
Ion Ratio	Lower	Upper
180	100	
182	95.1	48.3 144.8
145	35.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#94

Hexachlorobutadiene

Concen: 49.296 ug/l

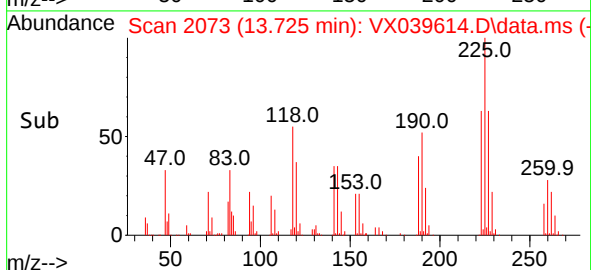
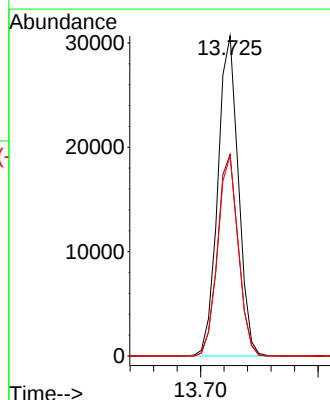
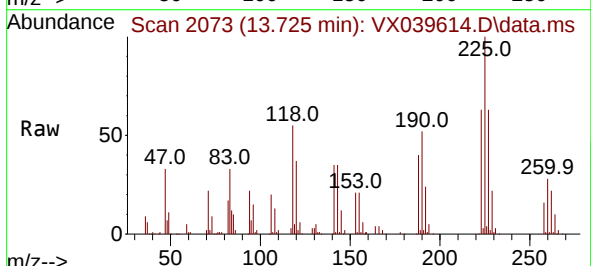
RT: 13.725 min Scan# 2073

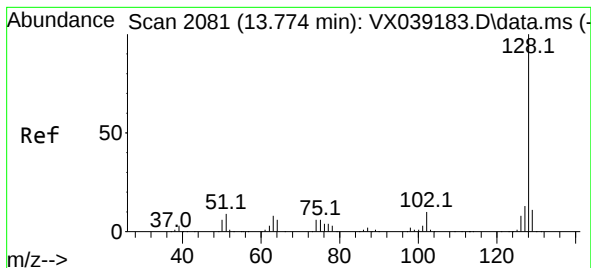
Delta R.T. 0.000 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion:225	Resp:	37302
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.1 93.2
227	62.6	32.5 97.5





#95

Naphthalene

Concen: 50.454 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039614.D

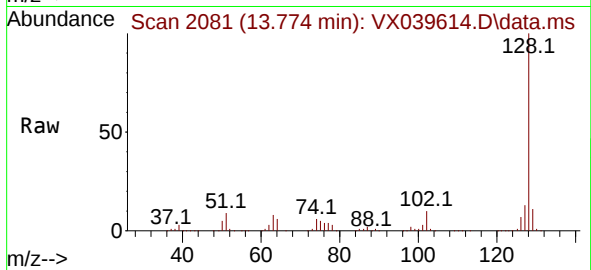
Acq: 03 Jan 2024 19:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 352810

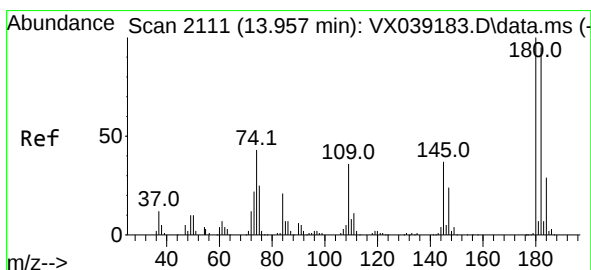
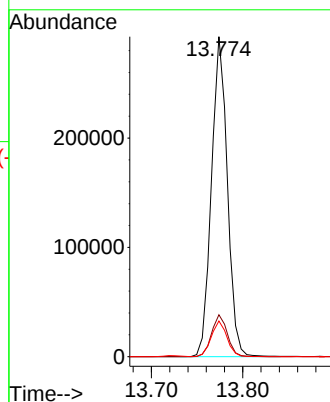
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2024

Supervised By :Mahesh Dadoda 01/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.537 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039614.D

Acq: 03 Jan 2024 19:45

Tgt Ion:180 Resp: 92145

Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.9	140.6
145	37.4	17.8	53.5

