

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039559.D
 Acq On : 02 Jan 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 03 04:07:51 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	127985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	230780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101502	43.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.580%		
35) Dibromofluoromethane	5.379	113	75786	47.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.647	98	277971	46.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.920%		
62) 4-Bromofluorobenzene	11.079	95	110318	45.172	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82454	45.848	ug/l	99
3) Chloromethane	1.294	50	92574	46.432	ug/l	96
4) Vinyl Chloride	1.374	62	89850	48.456	ug/l	99
5) Bromomethane	1.599	94	50782	47.602	ug/l	98
6) Chloroethane	1.685	64	51544	46.128	ug/l	100
7) Trichlorofluoromethane	1.886	101	128136	47.192	ug/l	99
8) Diethyl Ether	2.130	74	47395	50.435	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	80147	48.372	ug/l	97
10) Methyl Iodide	2.453	142	78536	45.857	ug/l	95
11) Tert butyl alcohol	2.953	59	122212	207.573	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	77243	46.932	ug/l	95
13) Acrolein	2.233	56	133292	283.783	ug/l	100
14) Allyl chloride	2.660	41	154274	46.272	ug/l	97
15) Acrylonitrile	3.056	53	278040	235.929	ug/l	99
16) Acetone	2.374	43	380140	283.016	ug/l	92
17) Carbon Disulfide	2.508	76	208205	43.229	ug/l	99
18) Methyl Acetate	2.697	43	252838	49.858	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	280972	47.204	ug/l	97
20) Methylene Chloride	2.788	84	89164	45.620	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	81309	45.401	ug/l	98
22) Diisopropyl ether	3.757	45	294516	48.527	ug/l #	86
23) Vinyl Acetate	3.715	43	1089028	241.028	ug/l	99
24) 1,1-Dichloroethane	3.605	63	160691	46.838	ug/l	99
25) 2-Butanone	4.544	43	432043	213.544	ug/l	98
26) 2,2-Dichloropropane	4.471	77	136467	45.563	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	94716	47.916	ug/l	98
28) Bromochloromethane	4.891	49	82800	49.463	ug/l	93
29) Tetrahydrofuran	4.989	42	260122	232.811	ug/l	99
30) Chloroform	5.086	83	159611	46.555	ug/l	98
31) Cyclohexane	5.464	56	141282	46.654	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	137915	46.338	ug/l	98
36) 1,1-Dichloropropene	5.690	75	117206	46.586	ug/l	99
37) Ethyl Acetate	4.702	43	148015	47.619	ug/l	100
38) Carbon Tetrachloride	5.672	117	113462	47.257	ug/l	99
39) Methylcyclohexane	7.373	83	146283	48.404	ug/l	96
40) Benzene	6.031	78	342101	48.069	ug/l	98

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 ClientSampleId :
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 Quant Title : SW846 8260
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Manual Integrations APPROVED

Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	79045	47.662	ug/l	94
42) 1,2-Dichloroethane	6.080	62	134068	46.537	ug/l	99
43) Isopropyl Acetate	6.330	43	246081	48.685	ug/l	99
44) Trichloroethene	7.123	130	83250	46.355	ug/l	92
45) 1,2-Dichloropropane	7.421	63	94815	49.640	ug/l	99
46) Dibromomethane	7.574	93	64047	47.701	ug/l	95
47) Bromodichloromethane	7.818	83	124907	48.655	ug/l	97
48) Methyl methacrylate	7.690	41	142558	48.244	ug/l	95
49) 1,4-Dioxane	7.653	88	38563	968.151	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	783260	243.212	ug/l	99
52) Toluene	8.714	92	206849	48.155	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	141095	49.921	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	148566	48.852	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	86838	48.424	ug/l	91
56) Ethyl methacrylate	9.110	69	112619	51.443	ug/l	98
57) 1,3-Dichloropropane	9.305	76	148634	47.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	327584	254.836	ug/l	94
59) 2-Hexanone	9.427	43	657364	236.513	ug/l	99
60) Dibromochloromethane	9.519	129	89770	49.498	ug/l	100
61) 1,2-Dibromoethane	9.604	107	92264	48.195	ug/l	100
64) Tetrachloroethene	9.269	164	64387	47.292	ug/l	96
65) Chlorobenzene	10.073	112	217064	47.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80941	50.389	ug/l	99
67) Ethyl Benzene	10.189	91	418171	49.400	ug/l	98
68) m/p-Xylenes	10.299	106	301135	99.217	ug/l	95
69) o-Xylene	10.640	106	144294	49.171	ug/l	92
70) Styrene	10.653	104	216959	50.572	ug/l	97
71) Bromoform	10.799	173	61636	51.622	ug/l #	99
73) Isopropylbenzene	10.957	105	398803	50.945	ug/l	100
74) N-amyl acetate	10.842	43	208479	52.638	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	149750	51.424	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	130318m	49.646	ug/l	
77) Bromobenzene	11.195	156	87120	50.328	ug/l	93
78) n-propylbenzene	11.299	91	489360	50.738	ug/l	97
79) 2-Chlorotoluene	11.360	91	285981	49.020	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	337972	50.681	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47440	50.983	ug/l	92
82) 4-Chlorotoluene	11.451	91	340040	49.625	ug/l	97
83) tert-Butylbenzene	11.713	119	326599	51.461	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	343973	50.298	ug/l	99
85) sec-Butylbenzene	11.890	105	417213	51.661	ug/l	98
86) p-Isopropyltoluene	12.006	119	349365	51.547	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	166916	49.081	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	168250	47.515	ug/l	98
89) n-Butylbenzene	12.329	91	353933	53.122	ug/l	96
90) Hexachloroethane	12.536	117	64840	52.961	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	160458	49.312	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37863	49.364	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	105706	49.611	ug/l	98
94) Hexachlorobutadiene	13.725	225	43516	54.194	ug/l	97
95) Naphthalene	13.774	128	379715	51.173	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102659	49.909	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

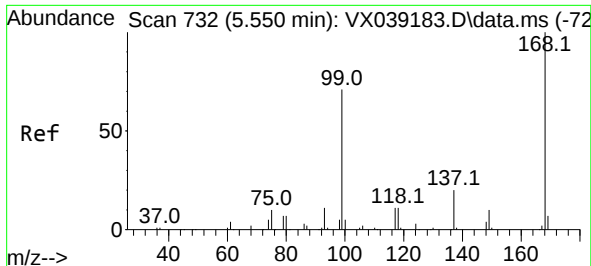
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

Quant Time: Jan 03 04:07:51 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

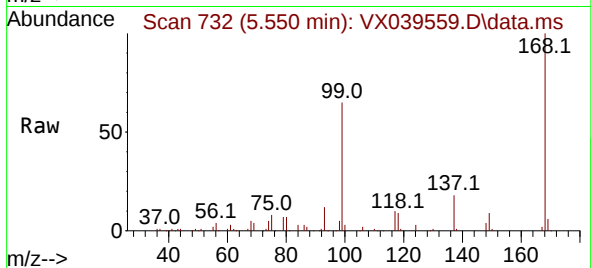
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

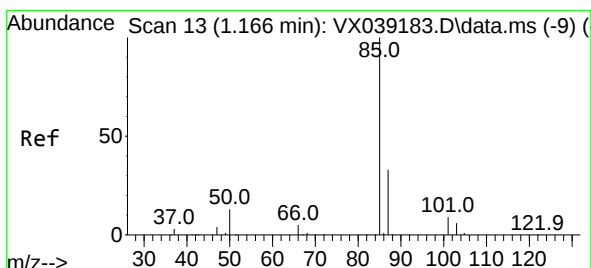
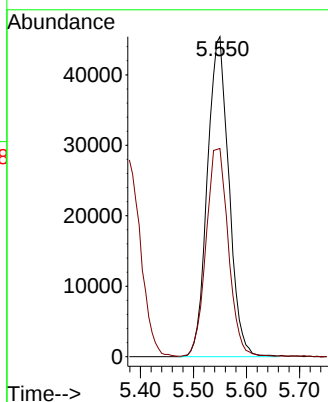
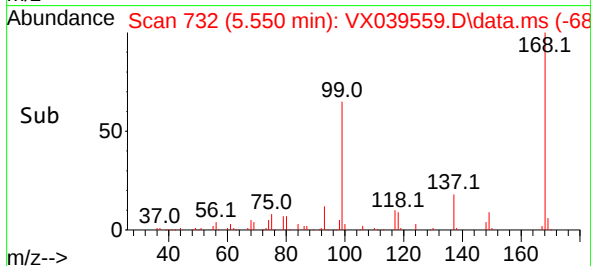
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12798
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0

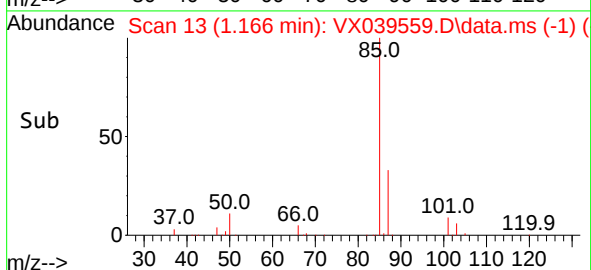
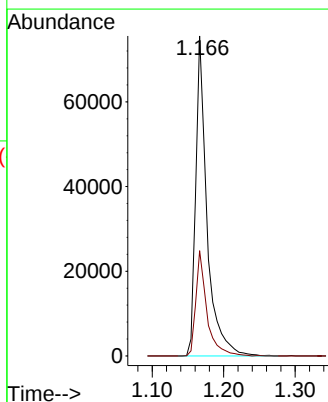
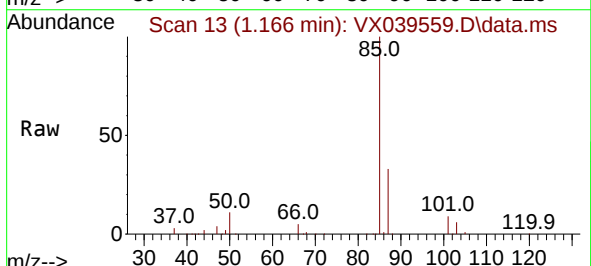
Manual Integrations
APPROVED

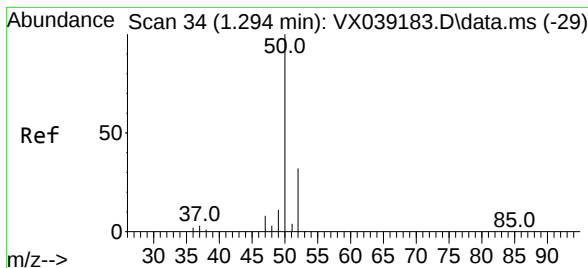
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#2
Dichlorodifluoromethane
Concen: 45.848 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 85 Resp: 82454
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





#3

Chloromethane

Concen: 46.432 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 92574

Ion Ratio Lower Upper

50 100

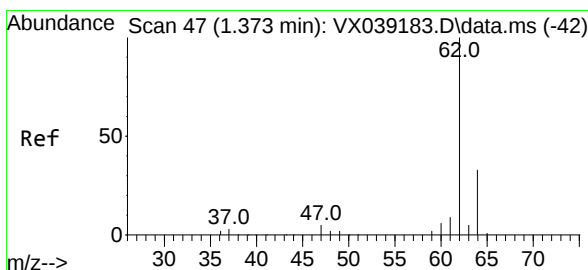
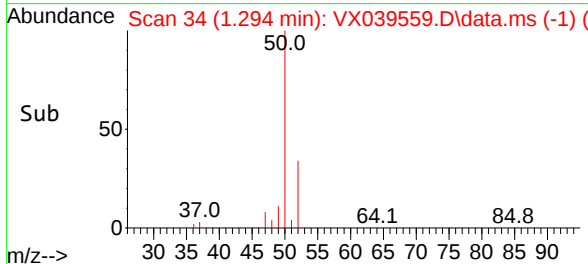
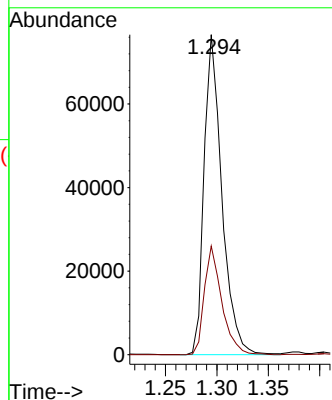
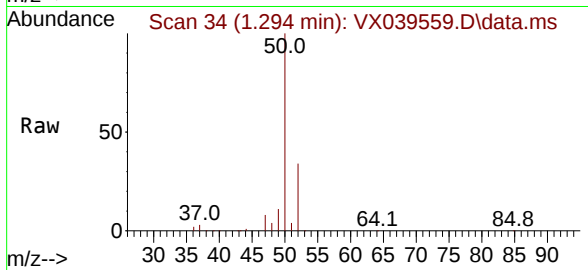
52 33.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#4

Vinyl Chloride

Concen: 48.456 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX039559.D

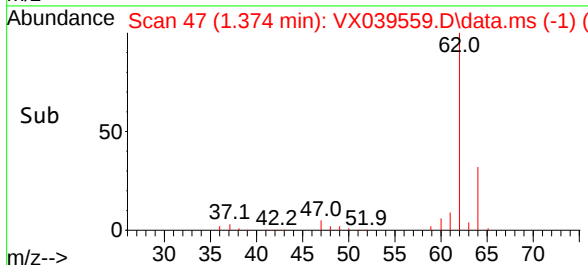
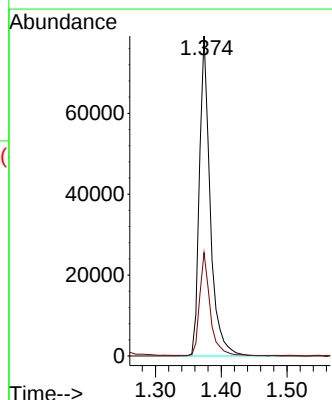
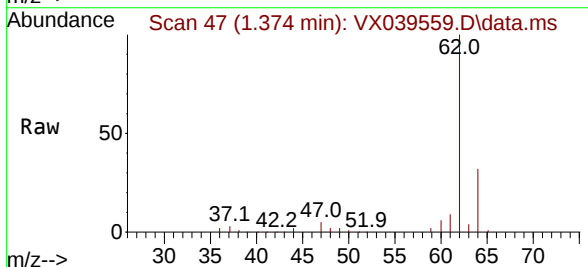
Acq: 02 Jan 2024 09:44

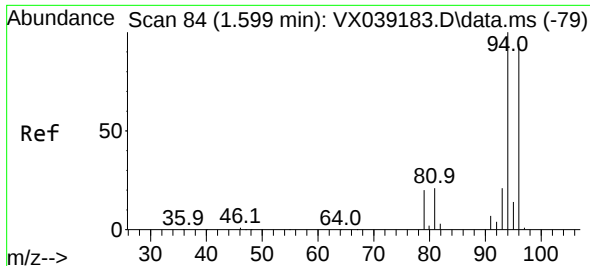
Tgt Ion: 62 Resp: 89850

Ion Ratio Lower Upper

62 100

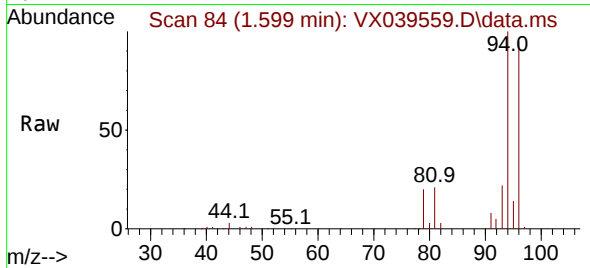
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 47.602 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

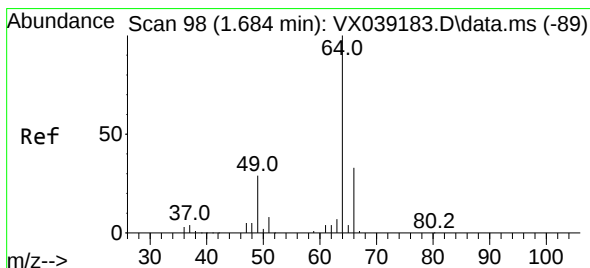
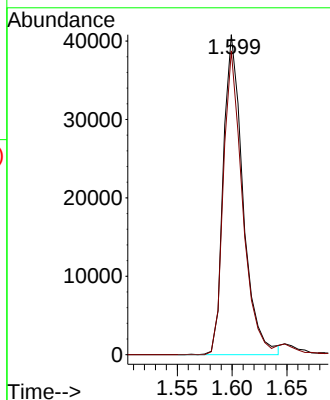
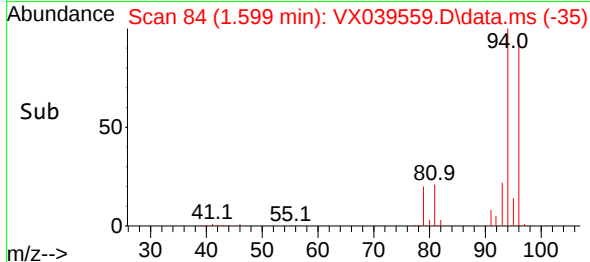
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 5078
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

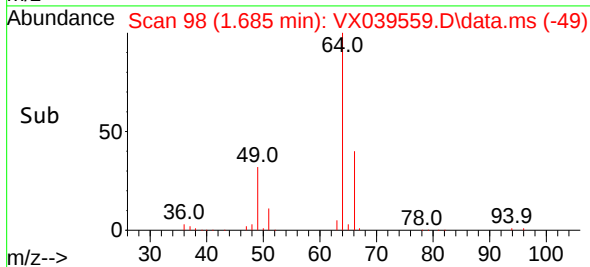
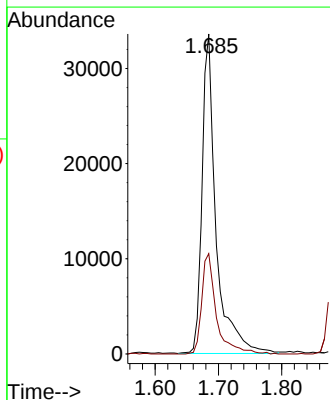
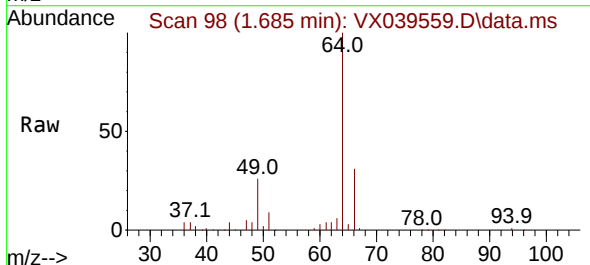
Manual Integrations
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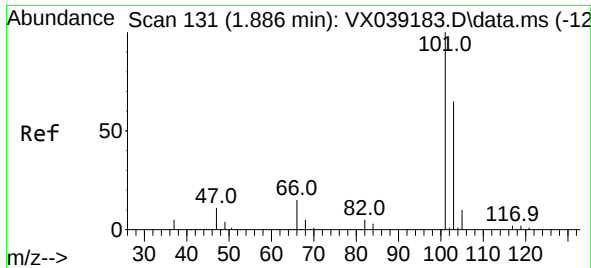
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#6
Chloroethane
Concen: 46.128 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

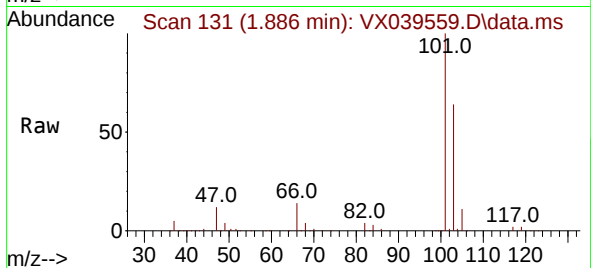
Tgt Ion: 64 Resp: 51544
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.192 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

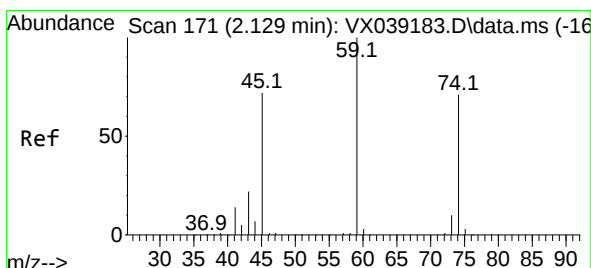
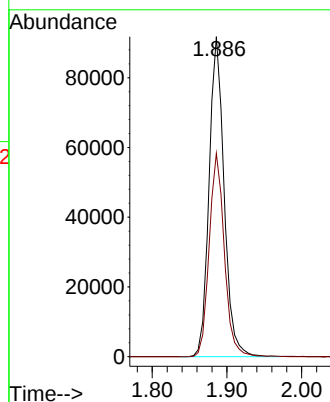
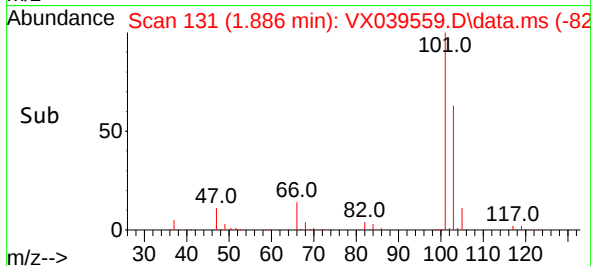
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 128130
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.2

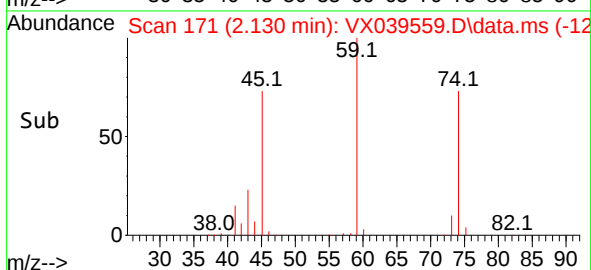
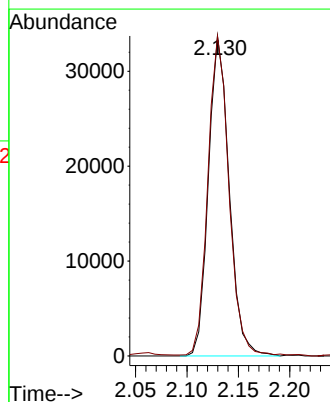
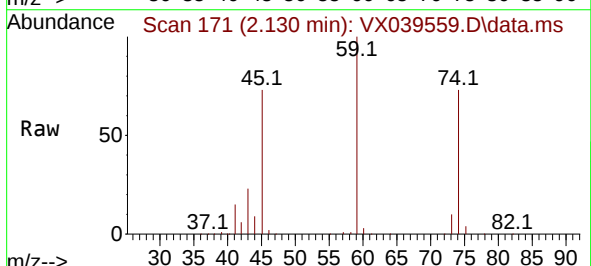
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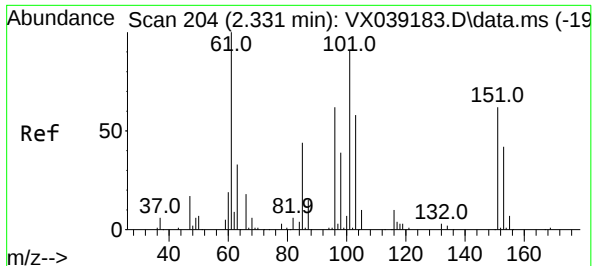
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#8
Diethyl Ether
Concen: 50.435 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Acq: 02 Jan 2024 09:44

Tgt Ion: 74 Resp: 47395
Ion Ratio Lower Upper
74 100
45 102.1 53.3 159.8





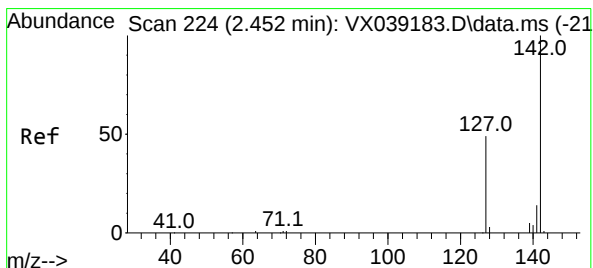
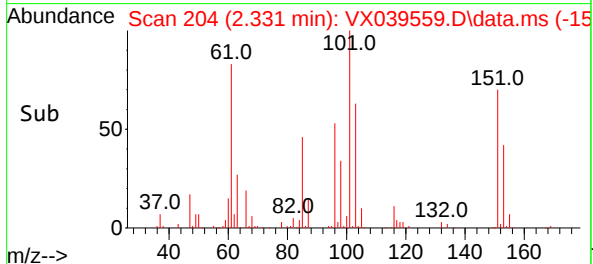
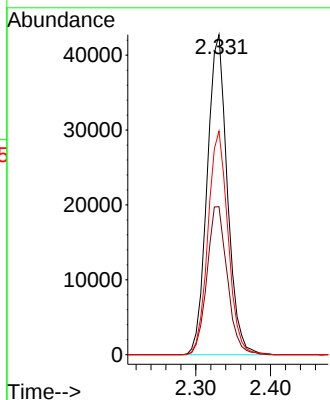
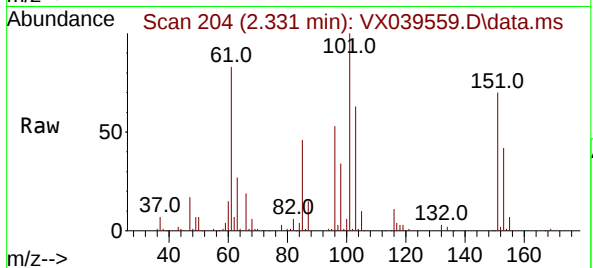
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.372 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8014
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 69.5 58.6 87.8

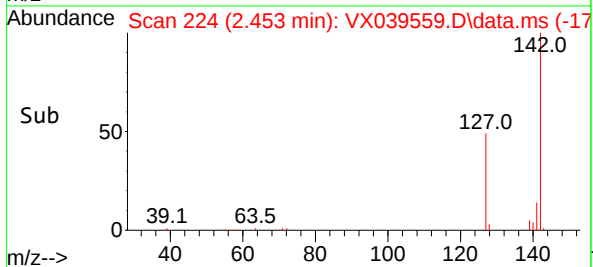
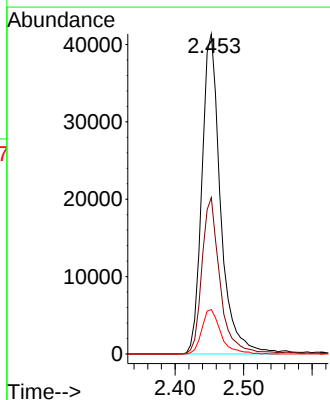
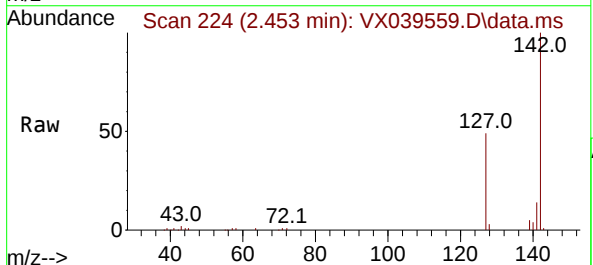
Manual Integrations
APPROVED

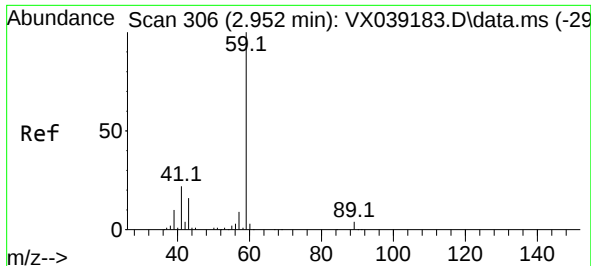
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#10
Methyl Iodide
Concen: 45.857 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

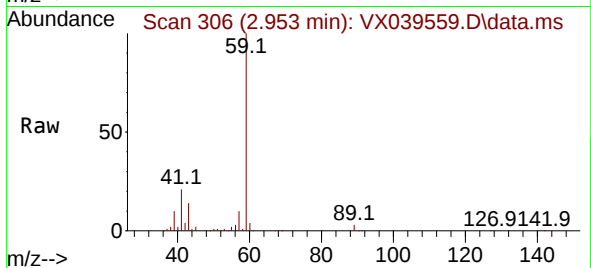
Tgt Ion:142 Resp: 78536
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 207.573 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

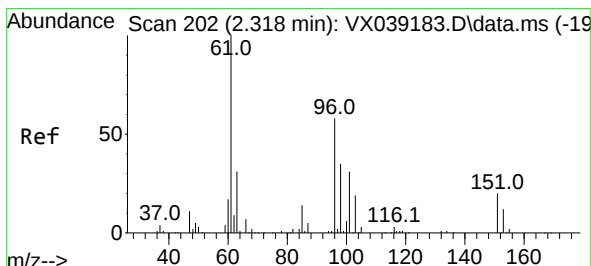
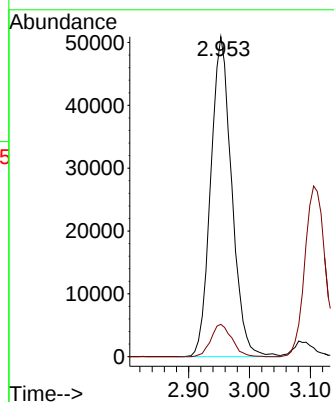
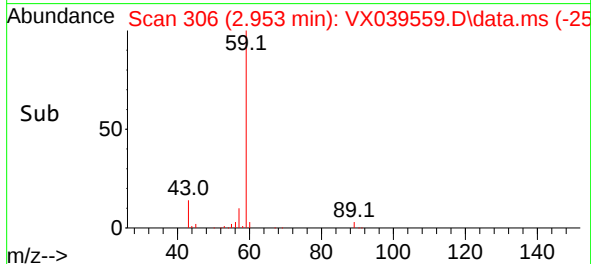
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 122212
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

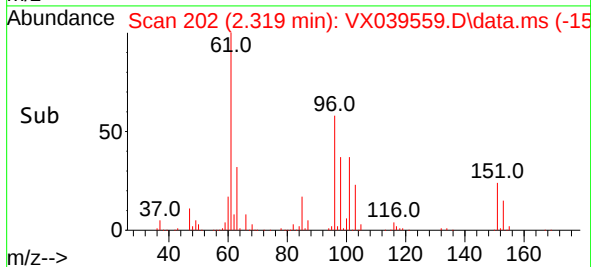
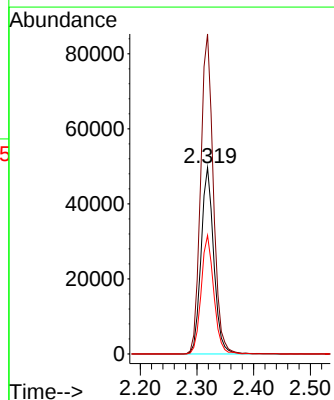
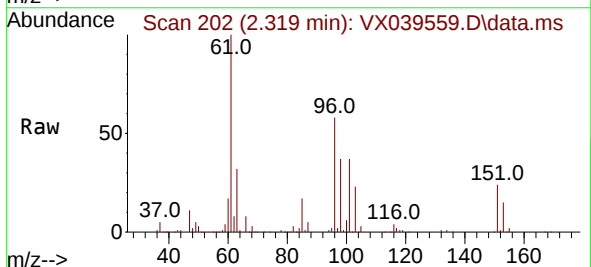
Manual Integrations
APPROVED

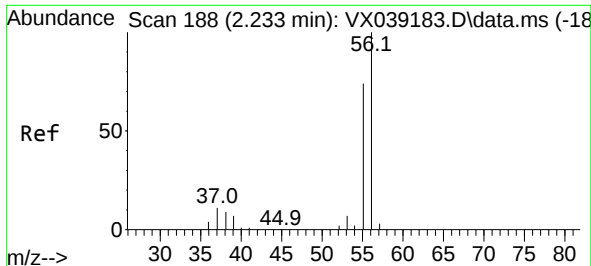
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#12
1,1-Dichloroethene
Concen: 46.932 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

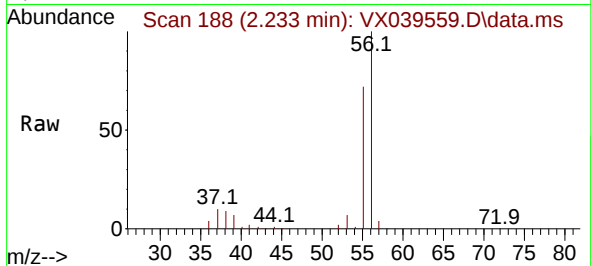
Tgt Ion: 96 Resp: 77243
Ion Ratio Lower Upper
96 100
61 171.6 144.6 216.8
98 63.6 50.4 75.6





#13
Acrolein
Concen: 283.783 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

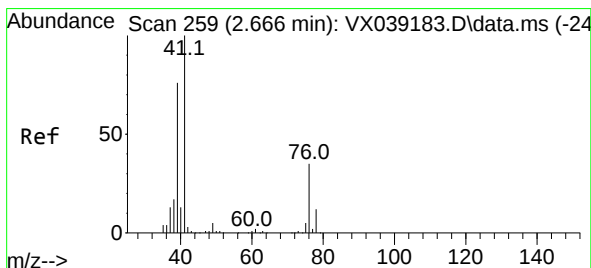
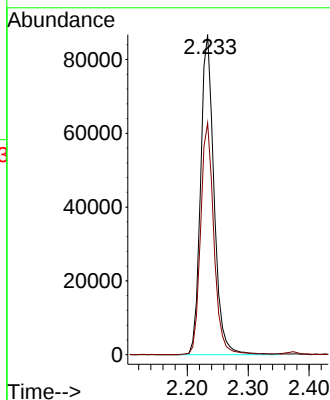
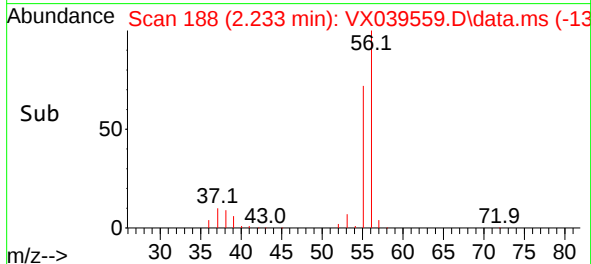
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 133292
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7

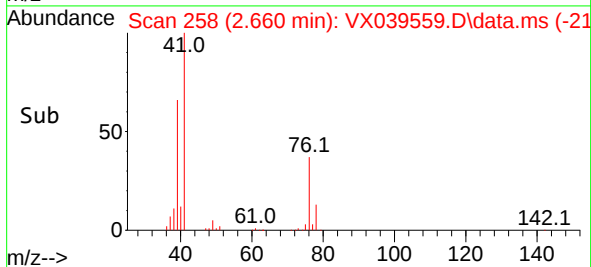
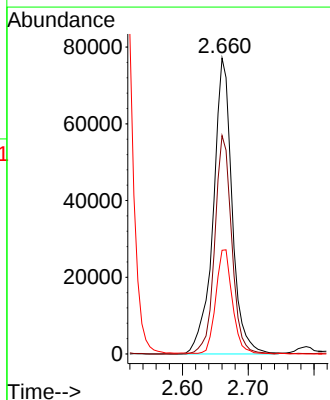
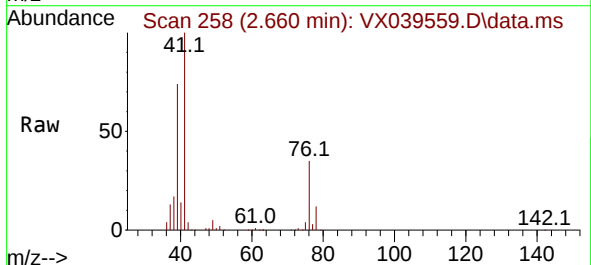
Manual Integrations
APPROVED

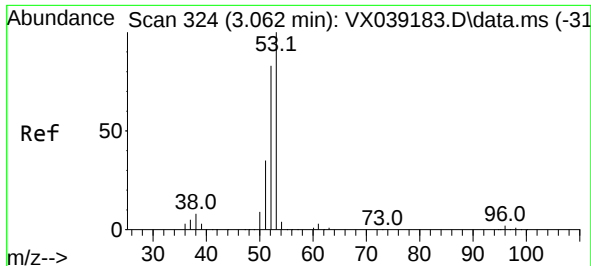
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#14
Allyl chloride
Concen: 46.272 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 41 Resp: 154274
Ion Ratio Lower Upper
41 100
39 66.3 55.8 83.6
76 31.0 24.3 36.5





#15

Acrylonitrile

Concen: 235.929 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 278040

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

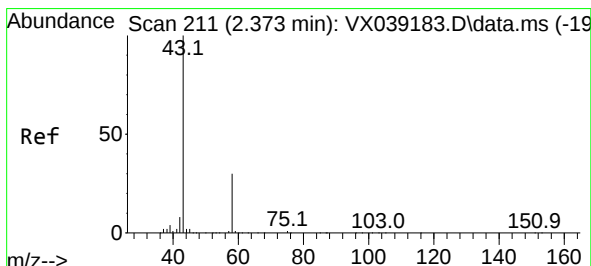
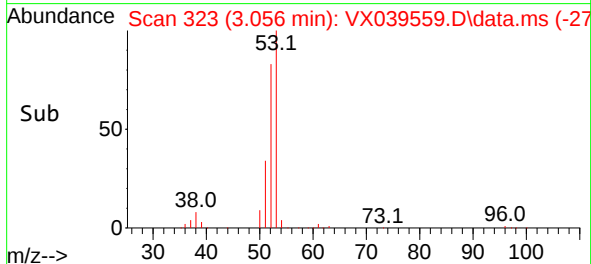
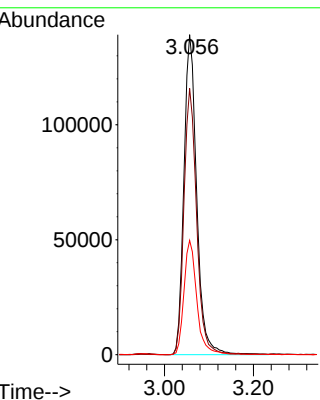
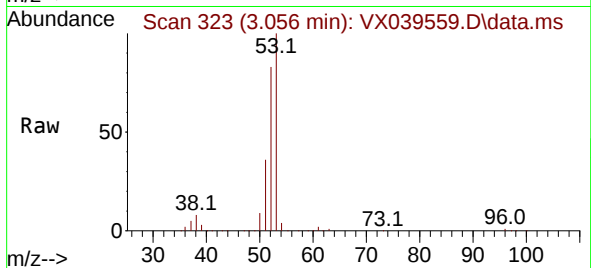
51 35.9 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#16

Acetone

Concen: 283.016 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX039559.D

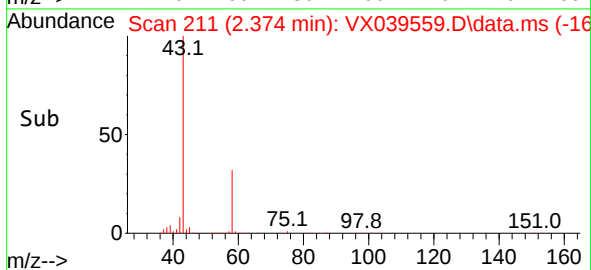
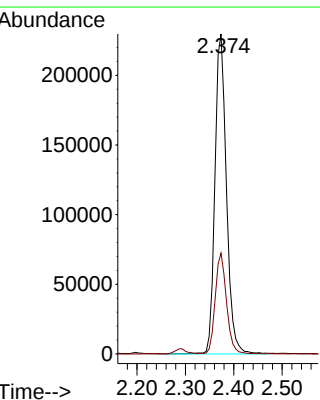
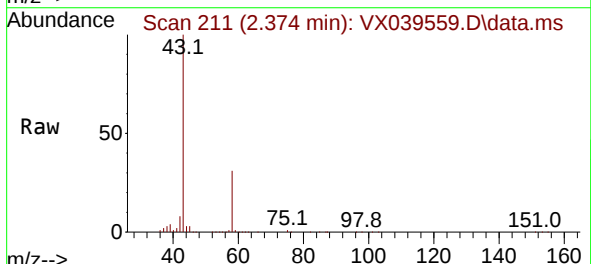
Acq: 02 Jan 2024 09:44

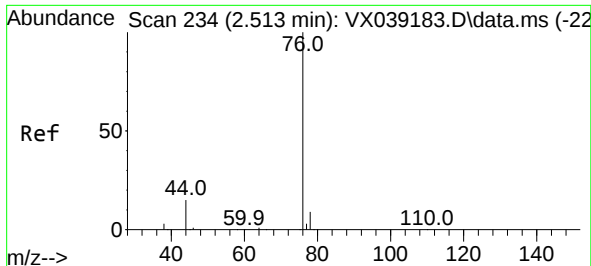
Tgt Ion: 43 Resp: 380140

Ion Ratio Lower Upper

43 100

58 31.4 21.9 32.9





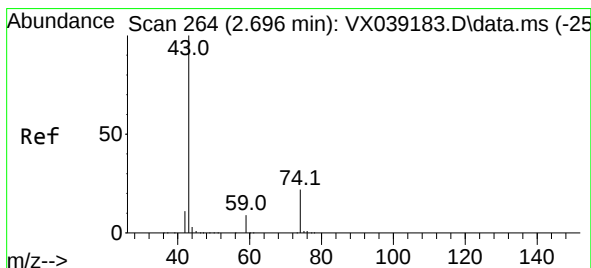
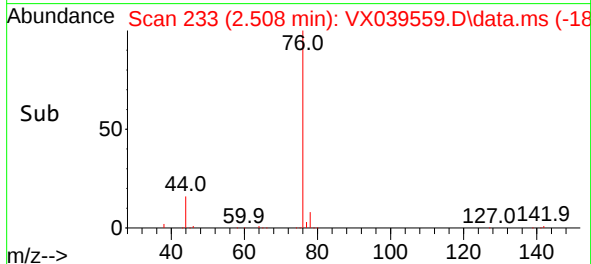
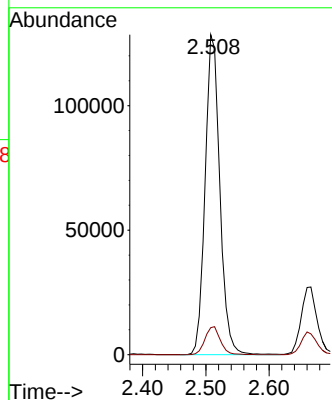
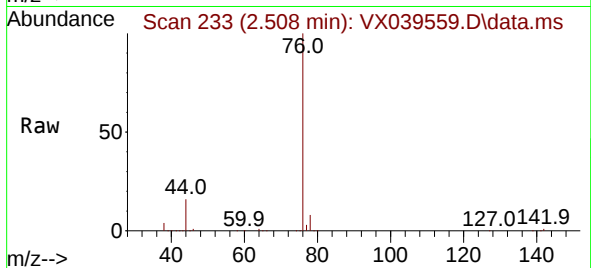
#17
Carbon Disulfide
Concen: 43.229 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 20820
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6

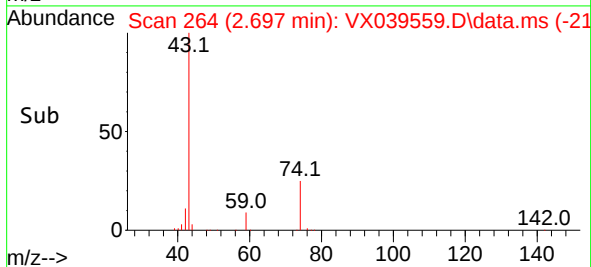
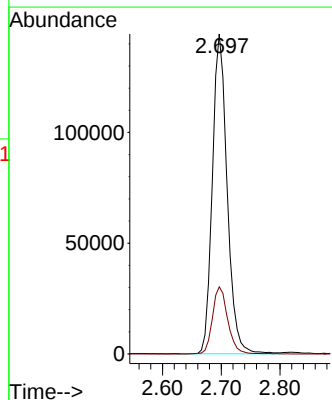
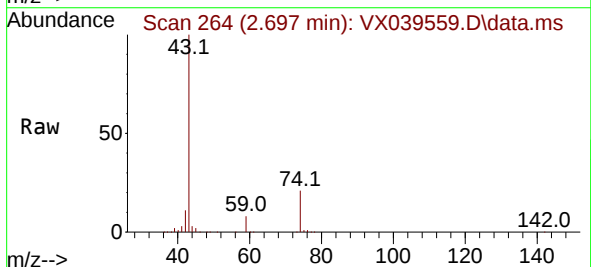
Manual Integrations
APPROVED

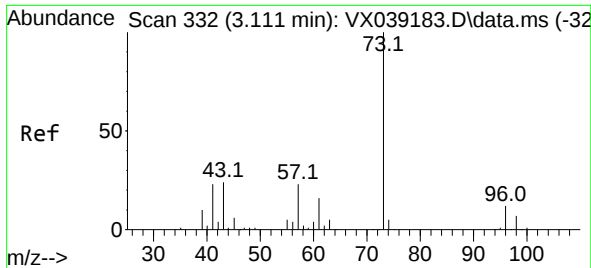
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#18
Methyl Acetate
Concen: 49.858 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 43 Resp: 252838
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8





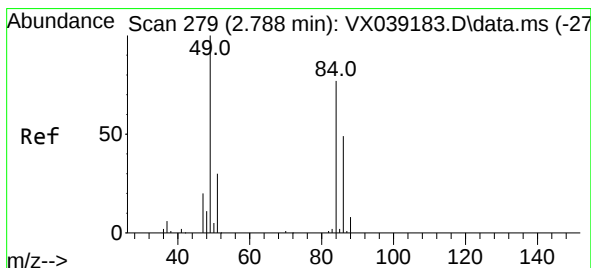
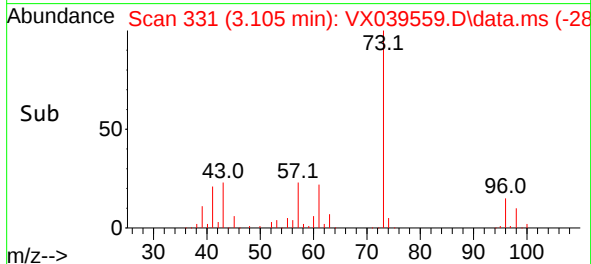
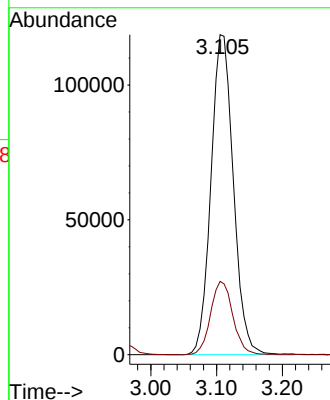
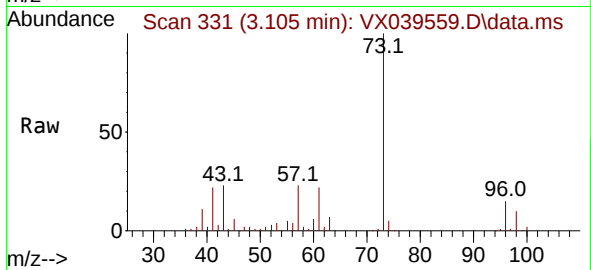
#19
Methyl tert-butyl Ether
Concen: 47.204 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 280972
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

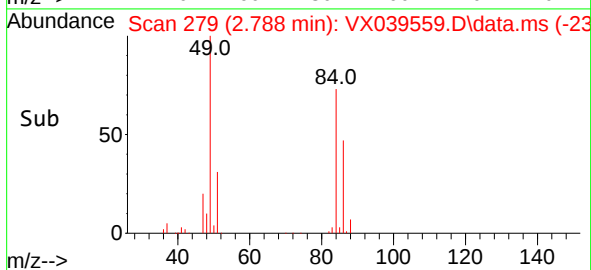
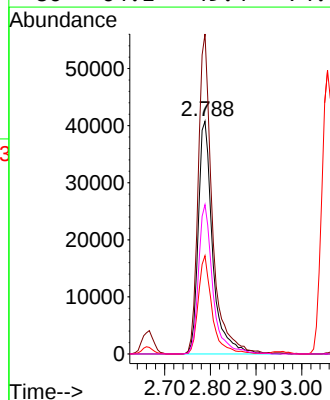
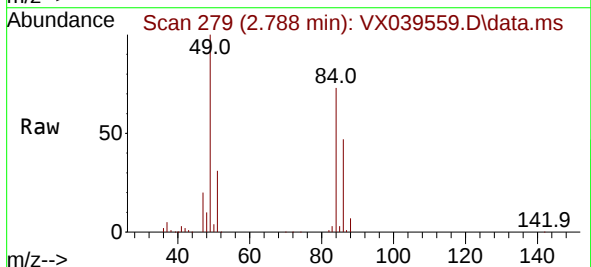
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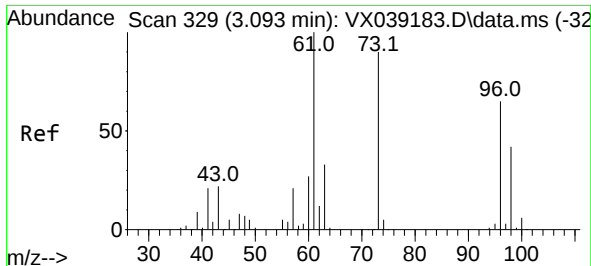
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 45.620 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 84 Resp: 89164
Ion Ratio Lower Upper
84 100
49 137.5 103.6 155.4
51 42.2 33.8 50.6
86 64.1 49.4 74.0





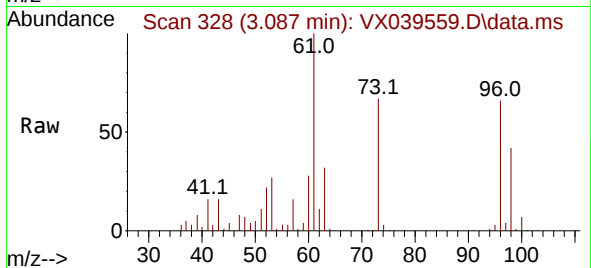
#21
trans-1,2-Dichloroethene
Concen: 45.401 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



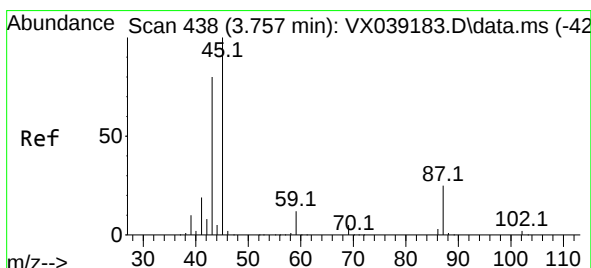
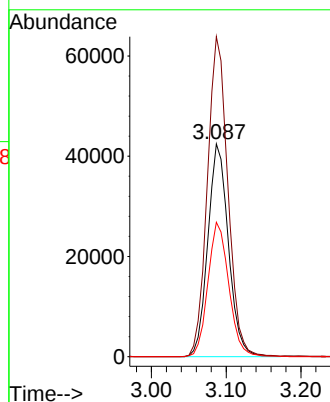
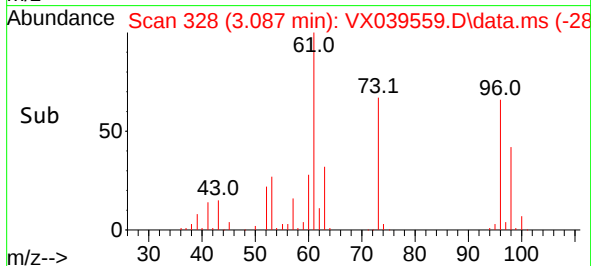
Tgt Ion: 96 Resp: 81309
Ion Ratio Lower Upper
96 100
61 150.4 119.2 178.8
98 63.2 48.7 73.1

Manual Integrations

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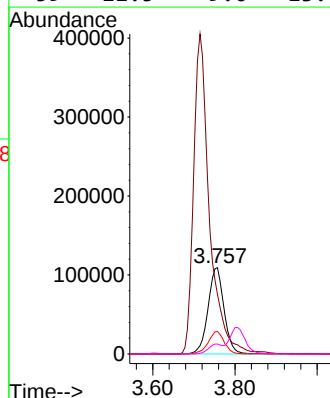
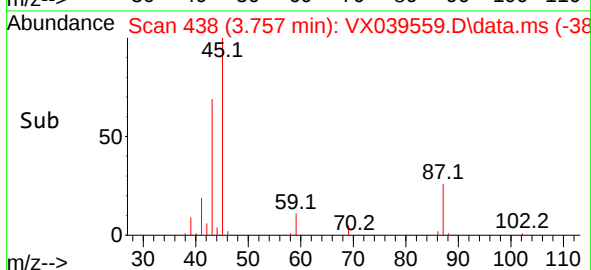
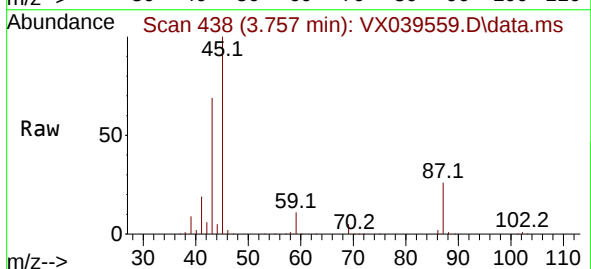
Reviewed By :John Carlone 01/03/2024

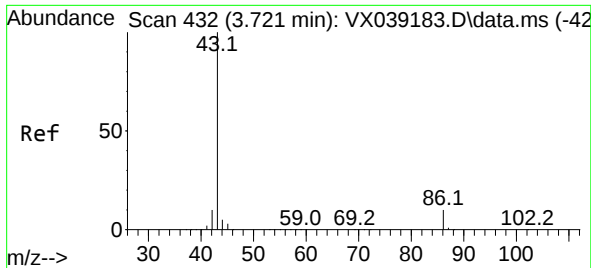
Supervised By :Mahesh Dadoda 01/04/2024



#22
Diisopropyl ether
Concen: 48.527 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 45 Resp: 294516
Ion Ratio Lower Upper
45 100
43 68.8 69.7 104.5#
87 25.9 20.8 31.2
59 11.5 9.0 13.4





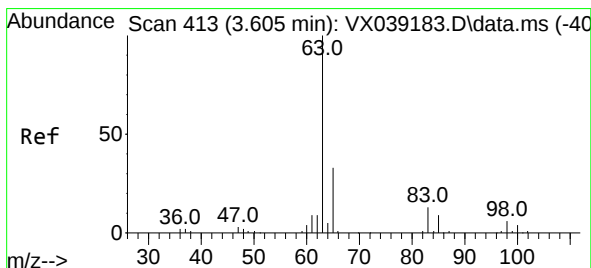
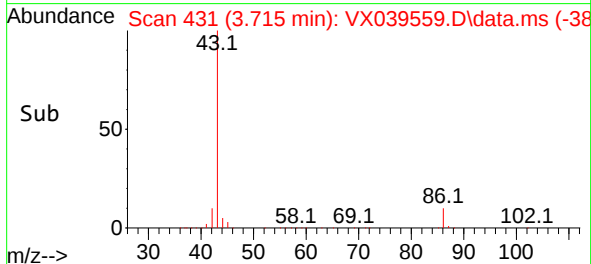
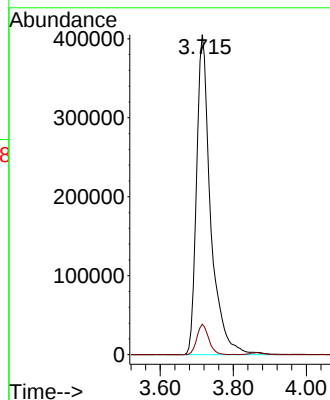
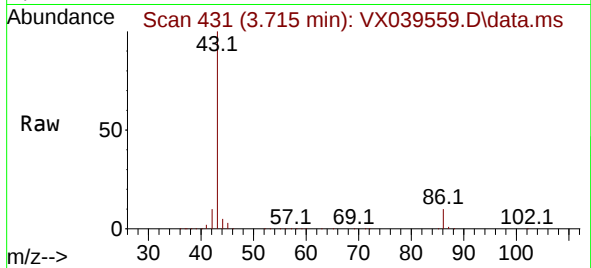
#23
 Vinyl Acetate
 Concen: 241.028 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039559.D
 Acq: 02 Jan 2024 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1089028
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

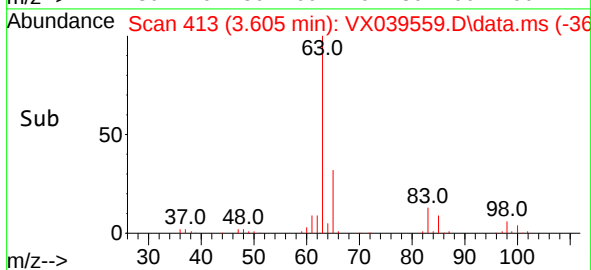
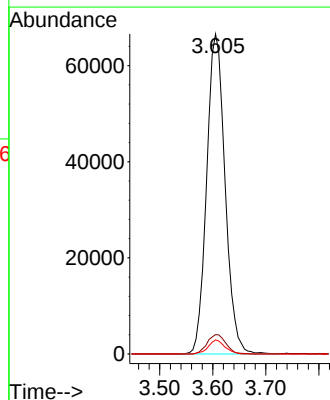
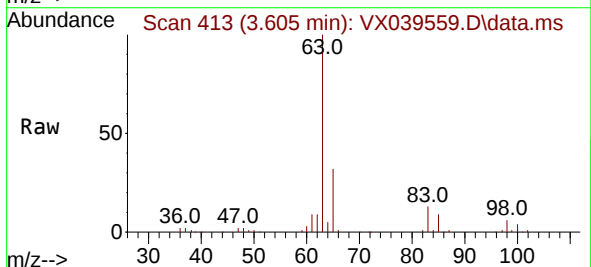
Manual Integrations
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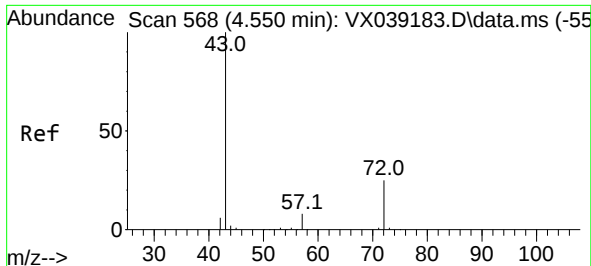
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#24
 1,1-Dichloroethane
 Concen: 46.838 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039559.D
 Acq: 02 Jan 2024 09:44

Tgt Ion: 63 Resp: 160691
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.4 2.1 6.5





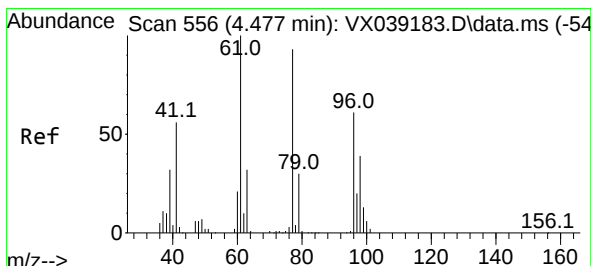
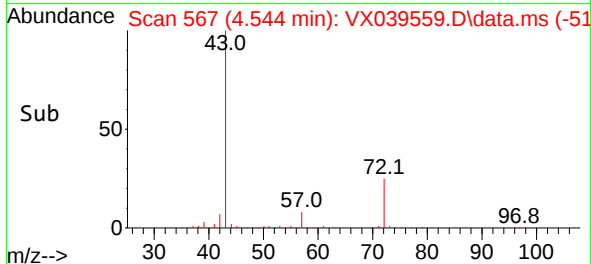
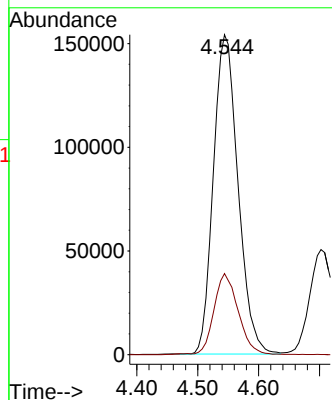
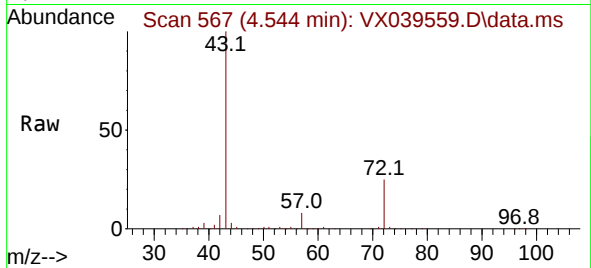
#25
2-Butanone
Concen: 213.544 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 43204
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

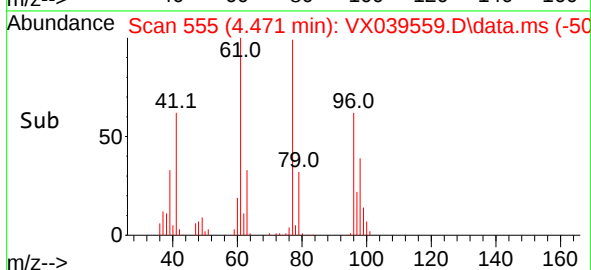
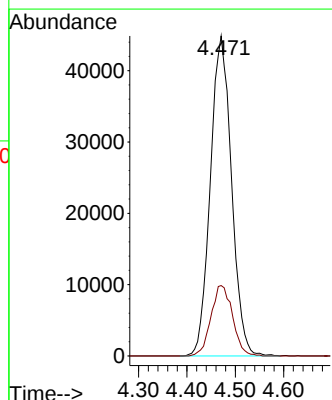
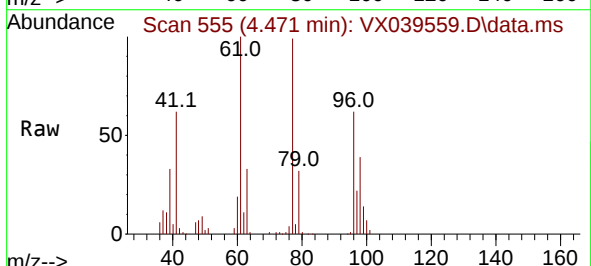
Manual Integrations
APPROVED

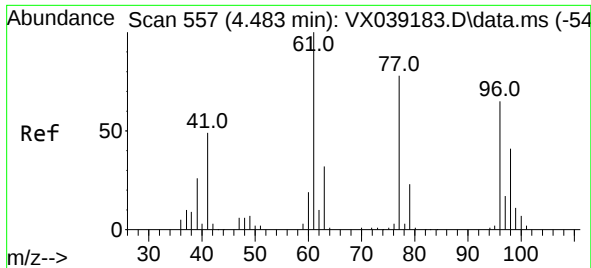
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#26
2,2-Dichloropropane
Concen: 45.563 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 77 Resp: 136467
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





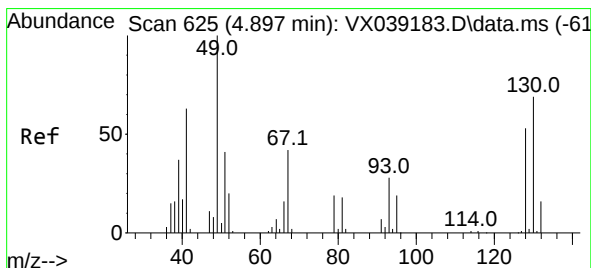
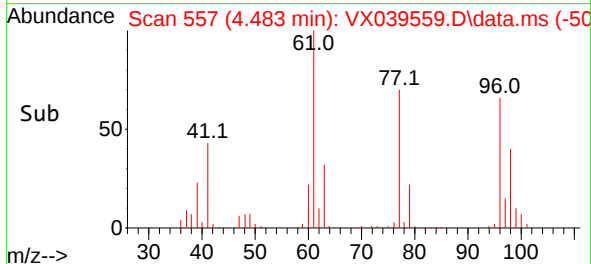
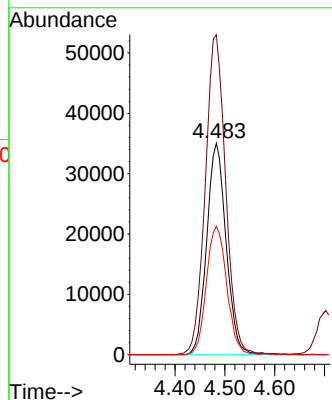
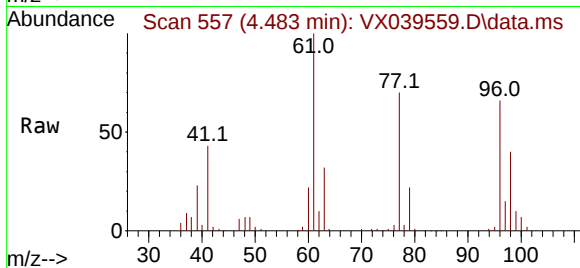
#27
cis-1,2-Dichloroethene
Concen: 47.916 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 94710
Ion Ratio Lower Upper
96 100
61 159.0 0.0 312.2
98 63.6 0.0 129.0

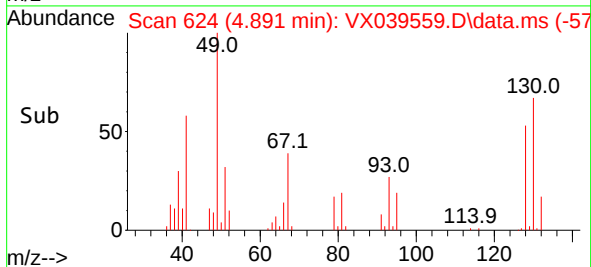
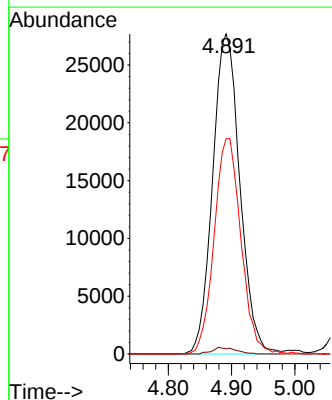
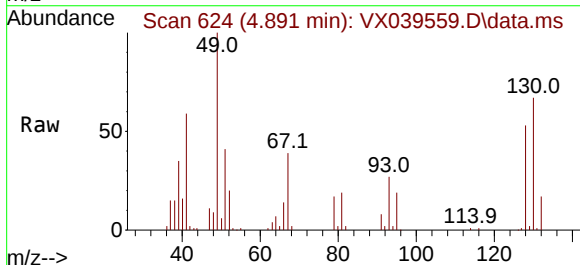
Manual Integrations
APPROVED

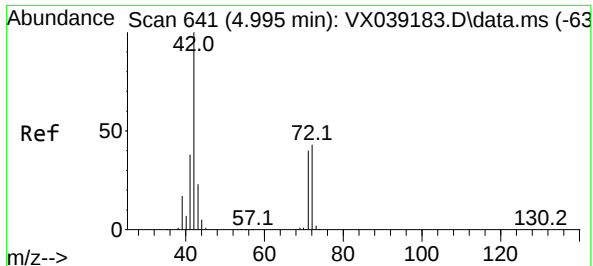
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#28
Bromochloromethane
Concen: 49.463 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 49 Resp: 82800
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 66.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 232.811 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 26012

Ion Ratio Lower Upper

42 100

72 42.3 34.2 51.4

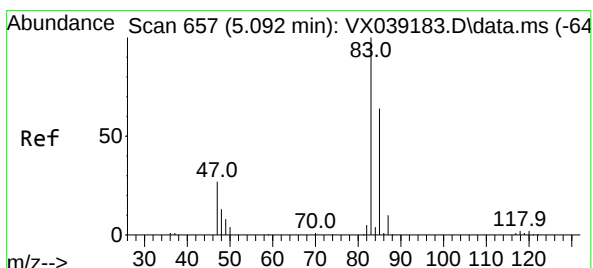
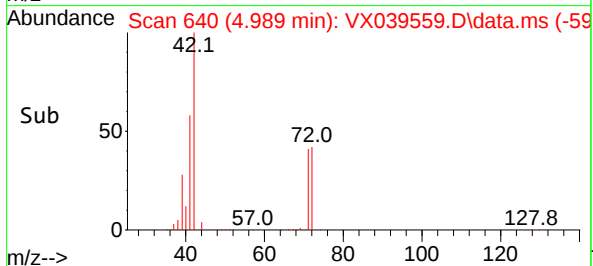
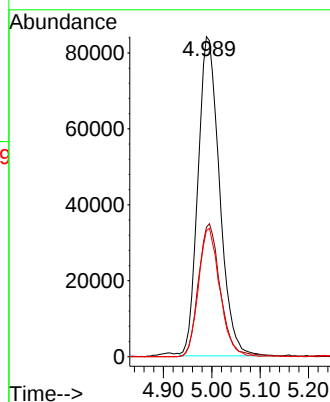
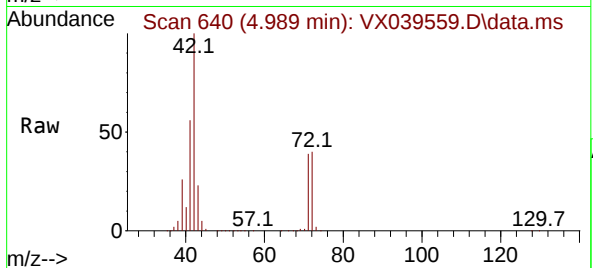
71 39.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#30

Chloroform

Concen: 46.555 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039559.D

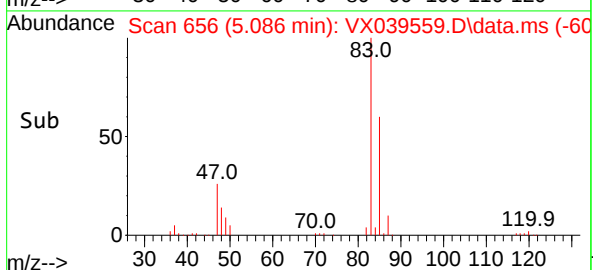
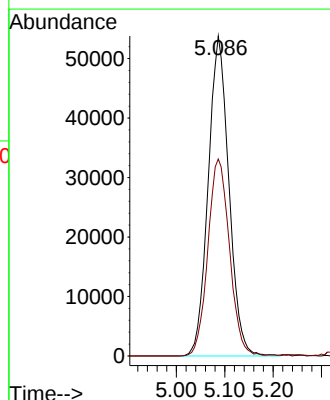
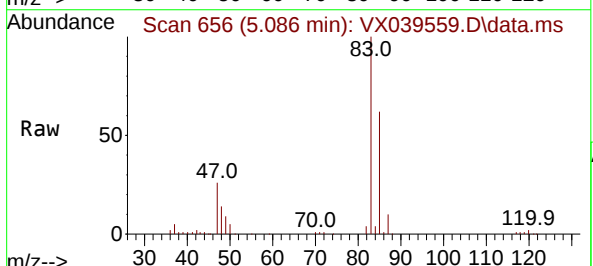
Acq: 02 Jan 2024 09:44

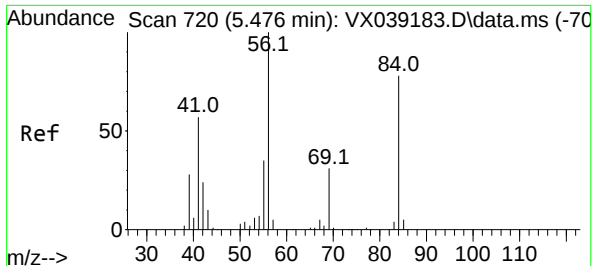
Tgt Ion: 83 Resp: 159611

Ion Ratio Lower Upper

83 100

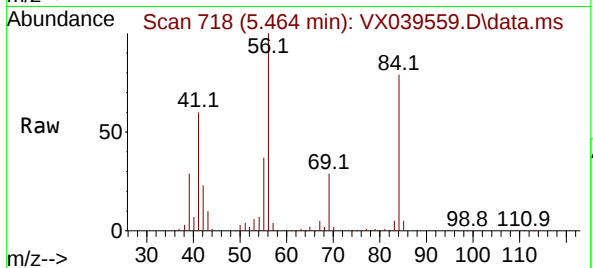
85 61.5 50.3 75.5





#31
Cyclohexane
Concen: 46.654 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

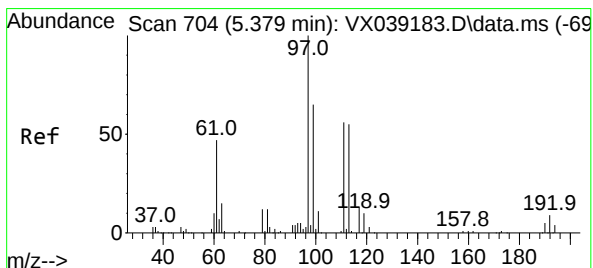
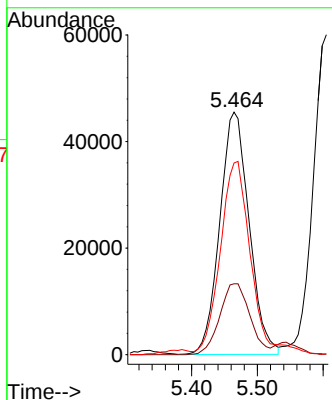
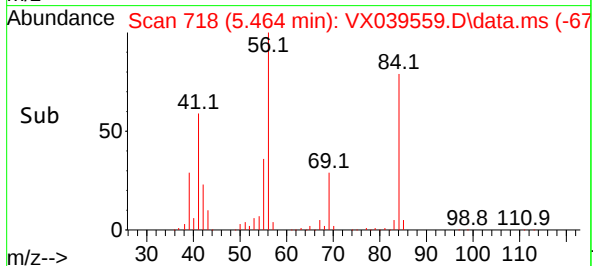
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 14128
Ion Ratio Lower Upper
56 100
69 29.3 23.4 35.2
84 77.4 65.9 98.9

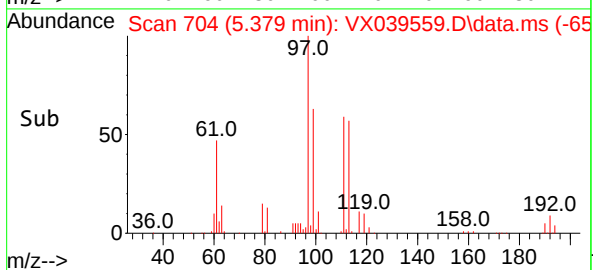
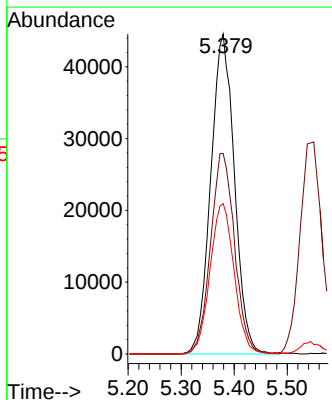
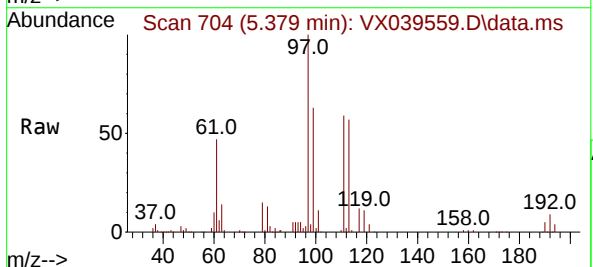
Manual Integrations
APPROVED

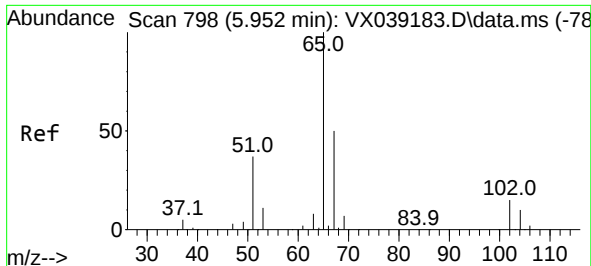
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#32
1,1,1-Trichloroethane
Concen: 46.338 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 97 Resp: 137915
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 48.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 43.292 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 101502

Ion Ratio Lower Upper

65 100

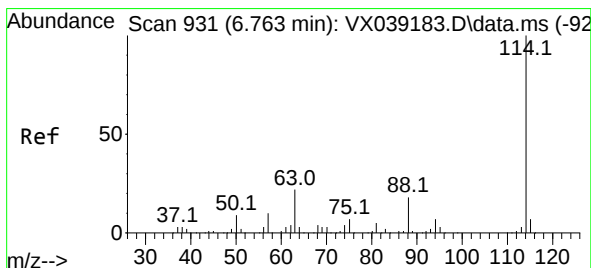
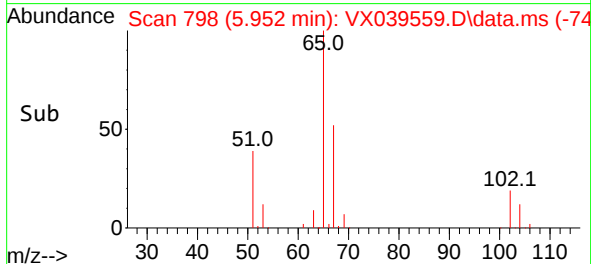
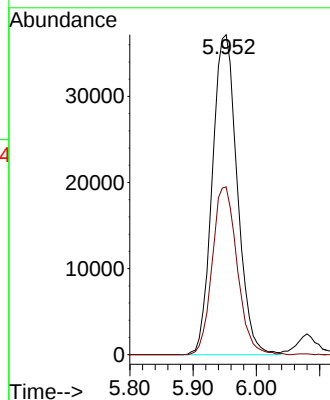
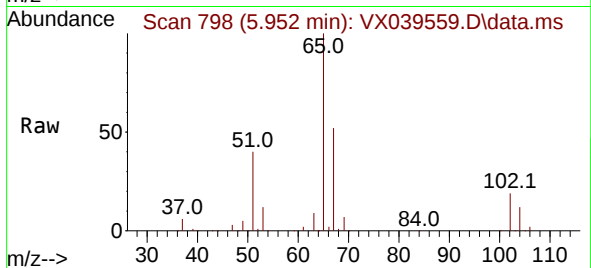
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

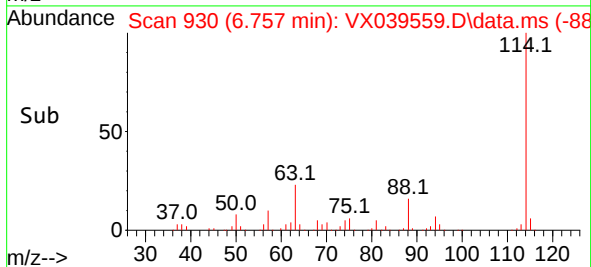
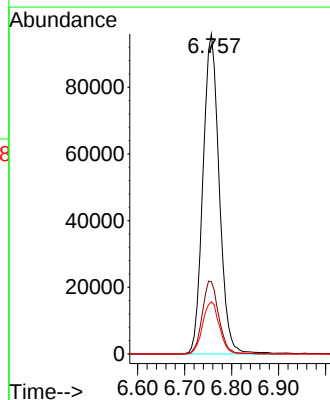
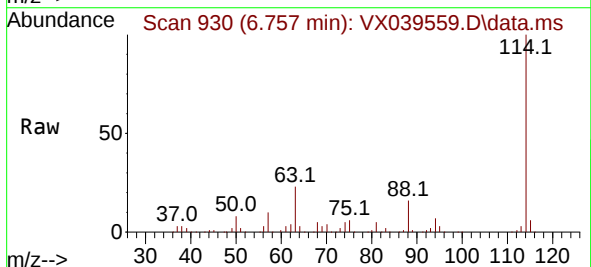
Tgt Ion:114 Resp: 230780

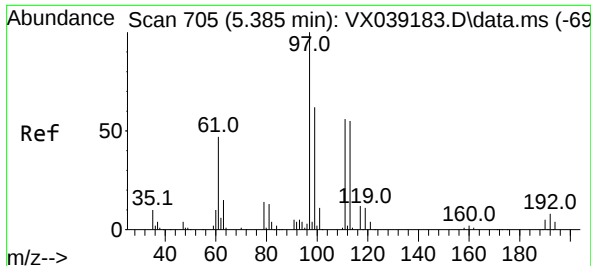
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

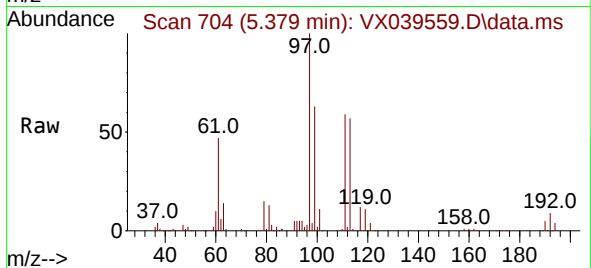
88 16.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.534 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

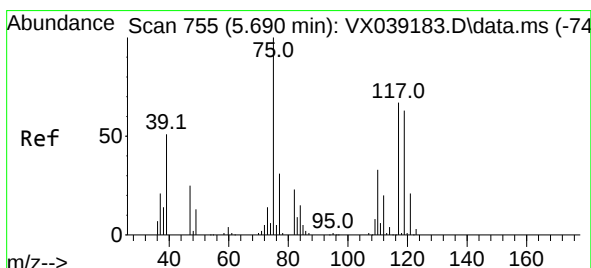
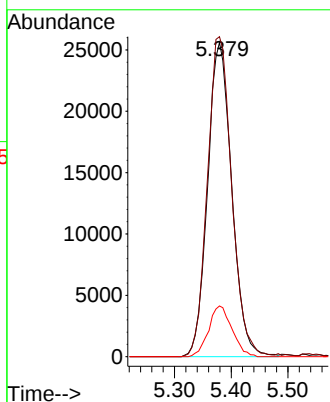
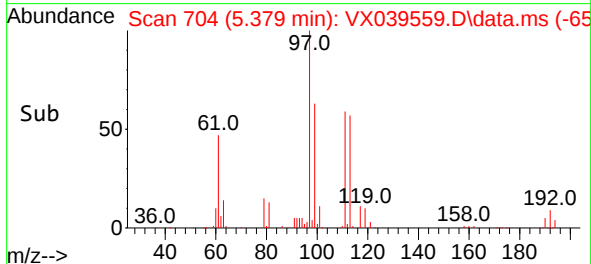
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 75780
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 15.6 13.3 19.9

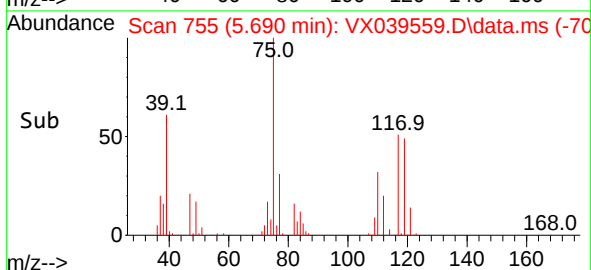
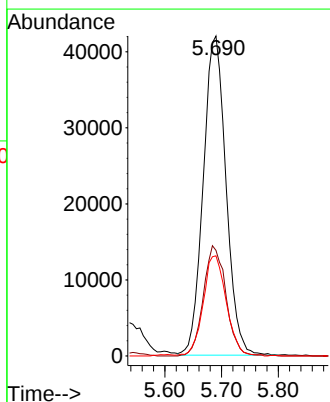
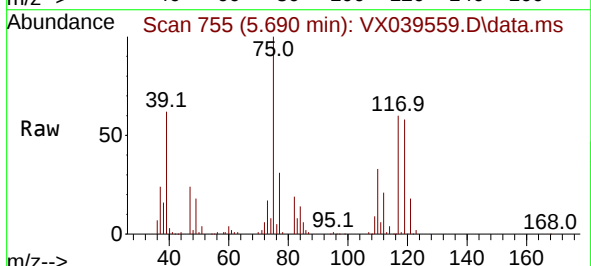
Manual Integrations
APPROVED

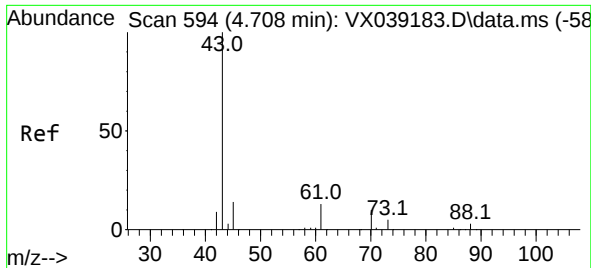
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#36
1,1-Dichloropropene
Concen: 46.586 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 75 Resp: 117206
Ion Ratio Lower Upper
75 100
110 34.3 17.0 50.9
77 31.9 24.7 37.1





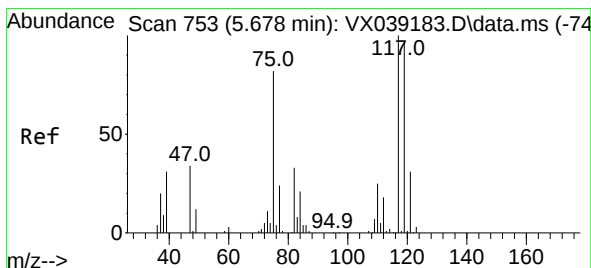
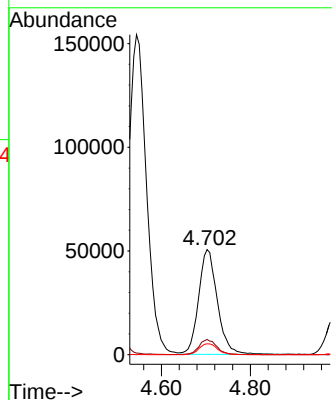
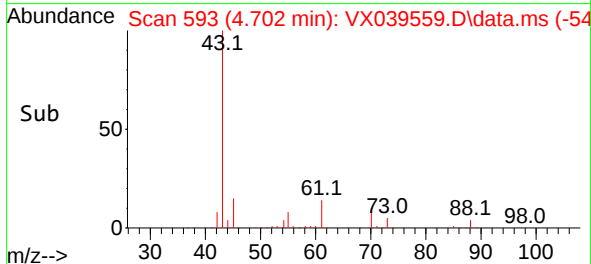
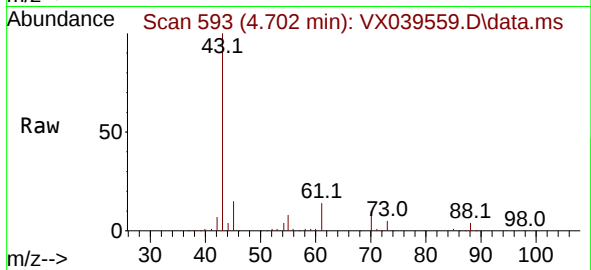
#37
Ethyl Acetate
Concen: 47.619 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 148015
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 10.3 8.3 12.5

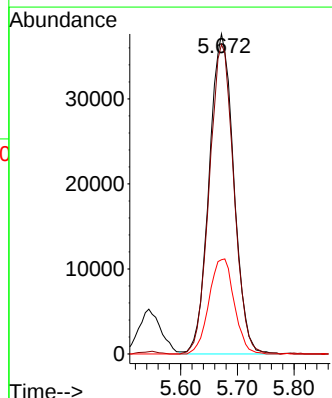
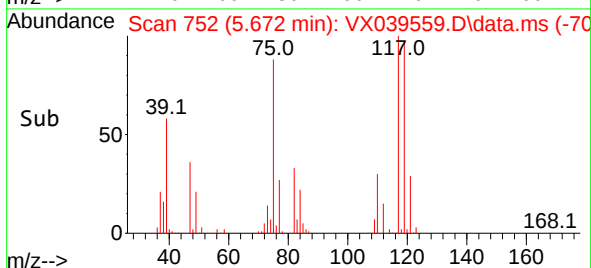
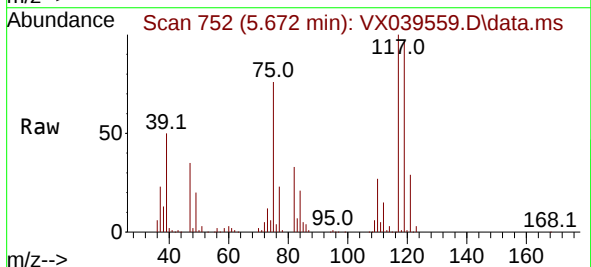
Manual Integrations
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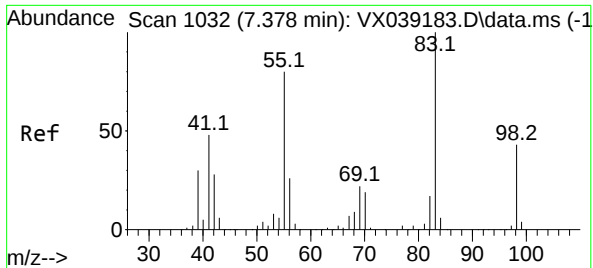
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#38
Carbon Tetrachloride
Concen: 47.257 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:117 Resp: 113462
Ion Ratio Lower Upper
117 100
119 96.7 78.2 117.2
121 29.4 24.4 36.6





#39
Methylcyclohexane
Concen: 48.404 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

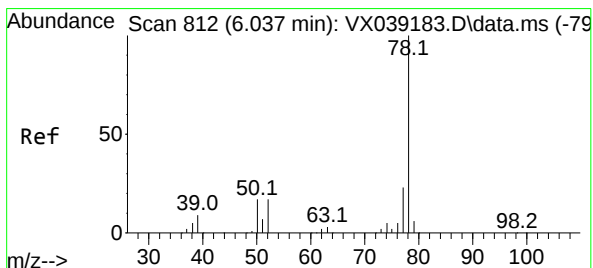
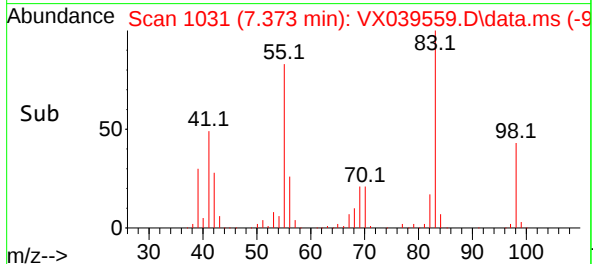
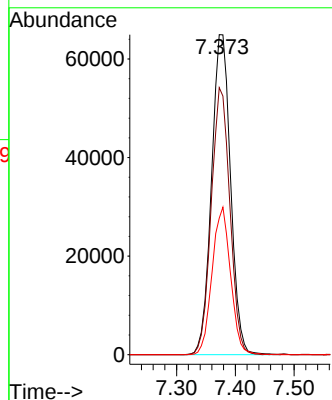
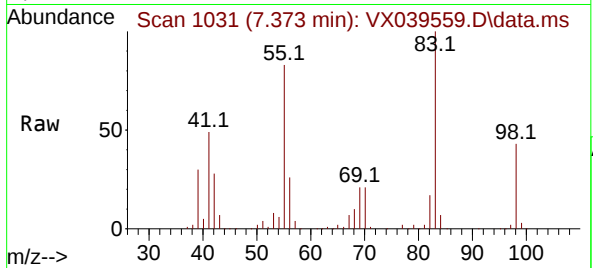
Tgt Ion: 83 Resp: 14628
Ion Ratio Lower Upper
83 100
55 83.5 64.6 97.0
98 42.6 36.7 55.1

Manual Integrations

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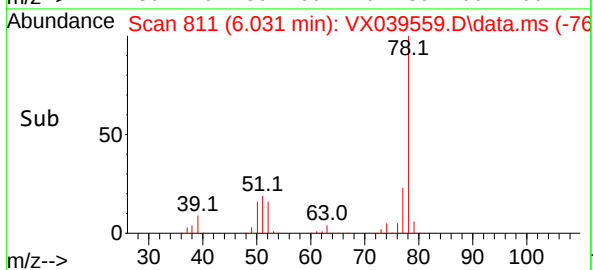
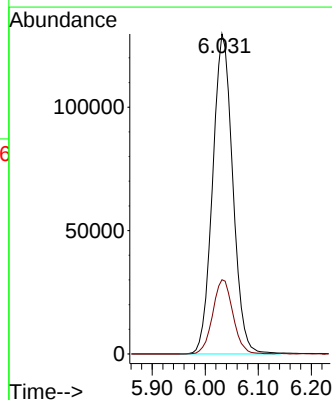
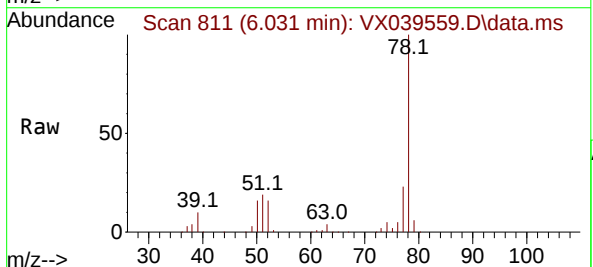
Reviewed By :John Carlone 01/03/2024

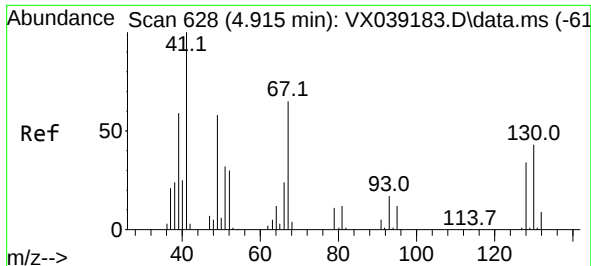
Supervised By :Mahesh Dadoda 01/04/2024



#40
Benzene
Concen: 48.069 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 78 Resp: 342101
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 47.662 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

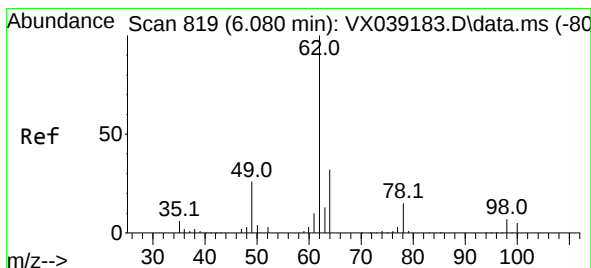
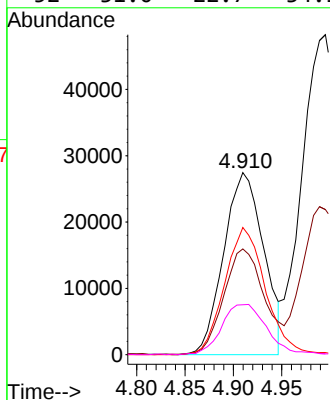
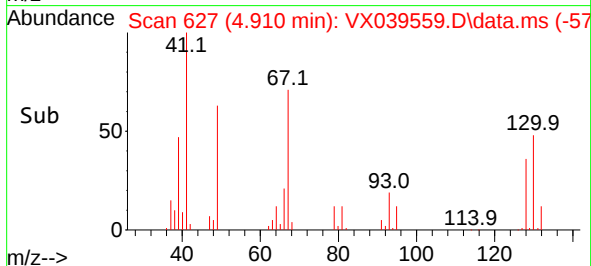
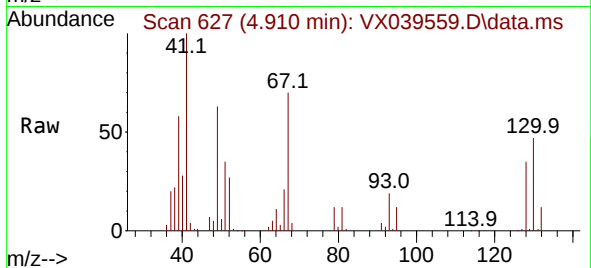
Tgt Ion: 41 Resp: 7904
Ion Ratio Lower Upper
41 100
39 60.1 45.2 67.8
67 71.5 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

APPROVED

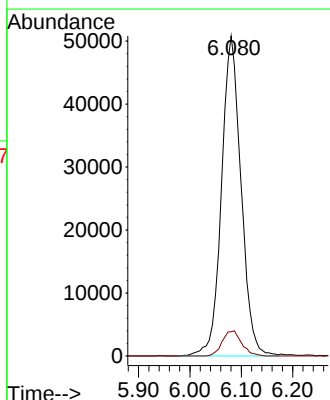
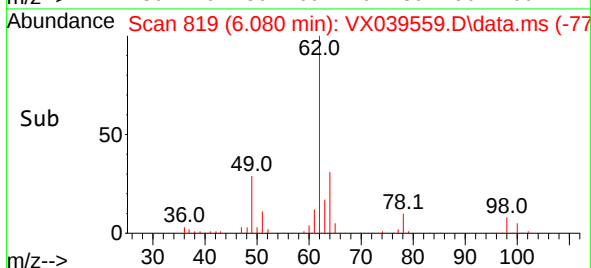
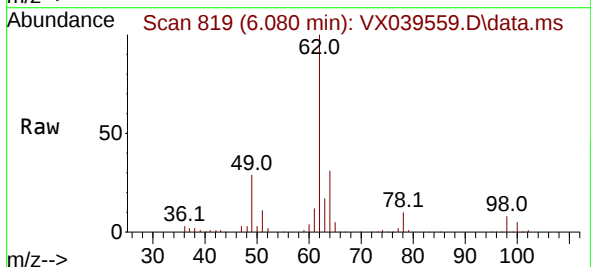
Reviewed By :John Carlone 01/03/2024

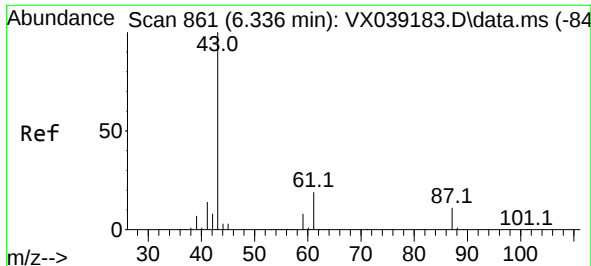
Supervised By :Mahesh Dadoda 01/04/2024



#42
1,2-Dichloroethane
Concen: 46.537 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

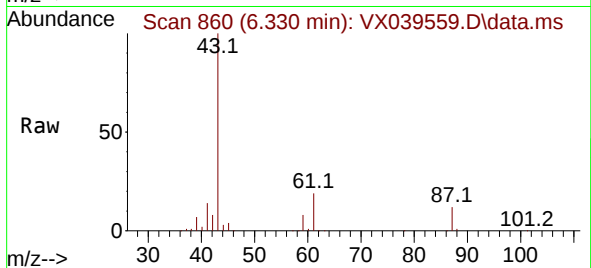
Tgt Ion: 62 Resp: 134068
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.685 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

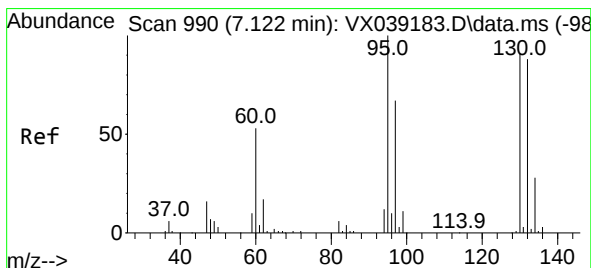
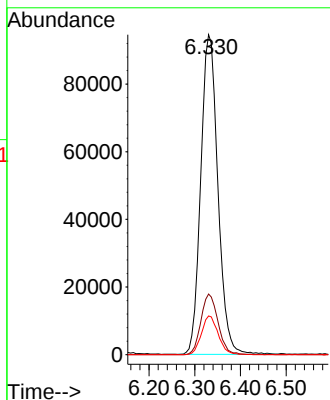
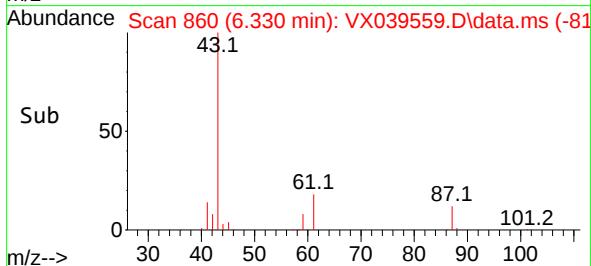
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 24608
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 11.9 9.8 14.6

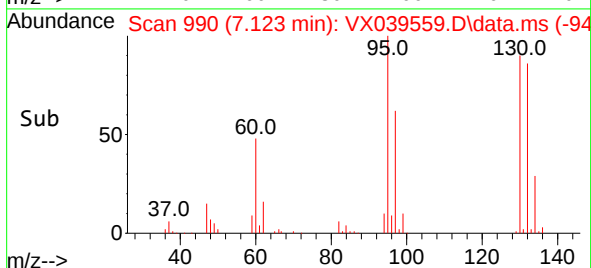
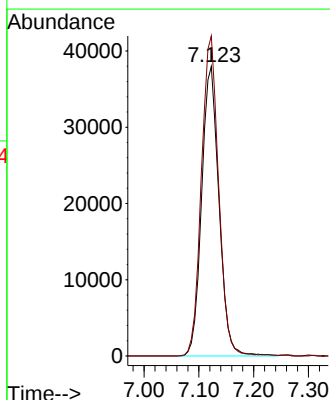
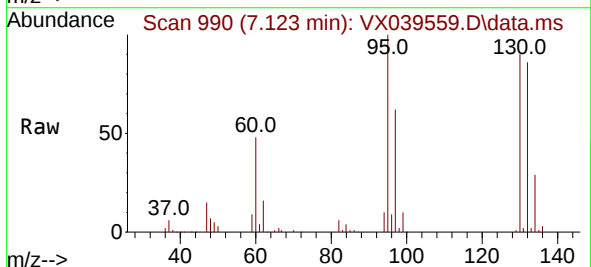
Manual Integrations
APPROVED

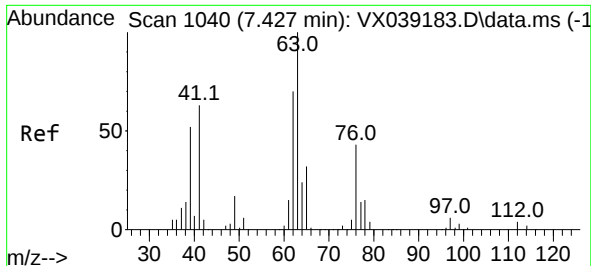
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#44
Trichloroethene
Concen: 46.355 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:130 Resp: 83250
Ion Ratio Lower Upper
130 100
95 110.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.640 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9481

Ion Ratio Lower Upper

63 100

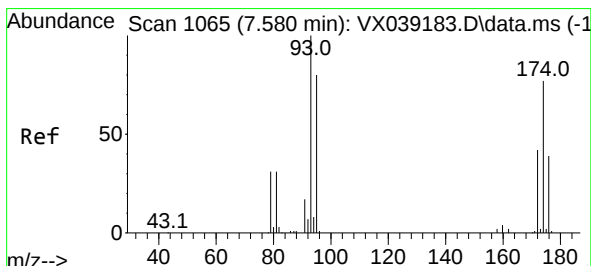
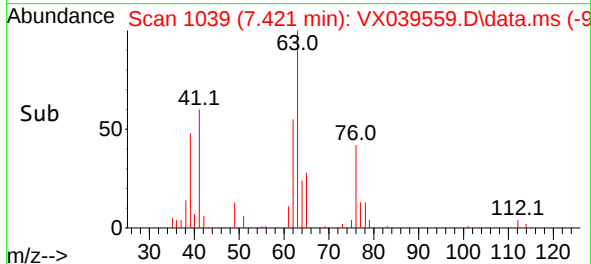
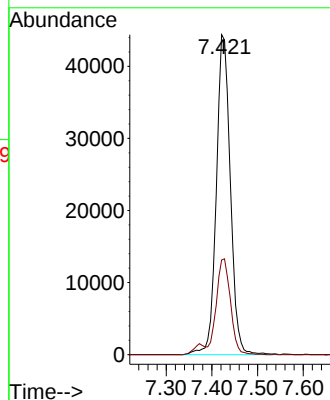
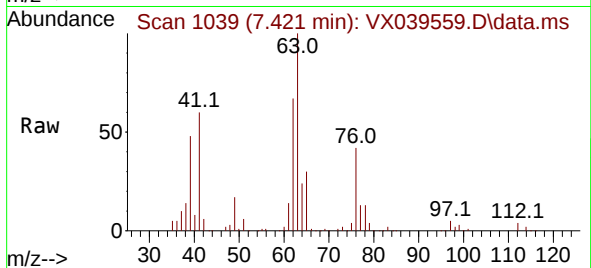
65 29.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#46

Dibromomethane

Concen: 47.701 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

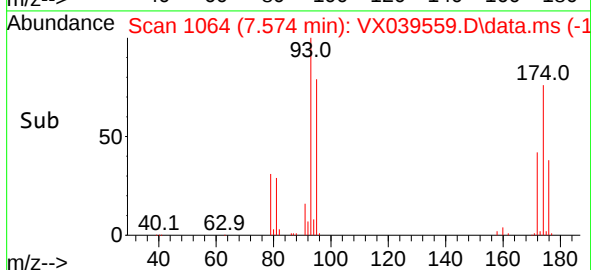
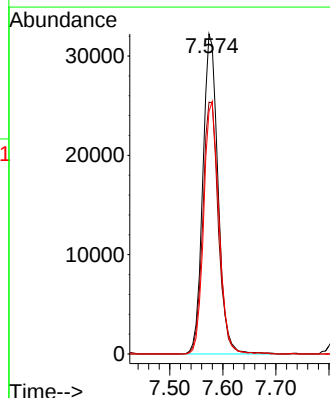
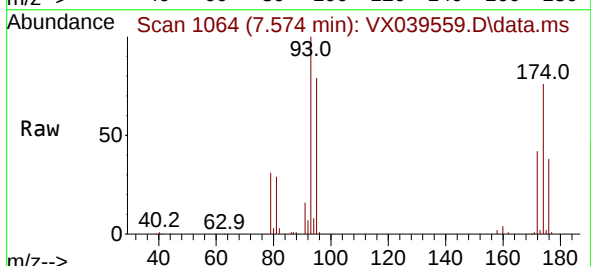
Tgt Ion: 93 Resp: 64047

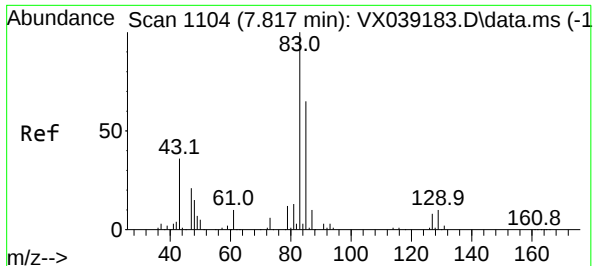
Ion Ratio Lower Upper

93 100

95 81.2 66.6 100.0

174 79.1 69.4 104.0





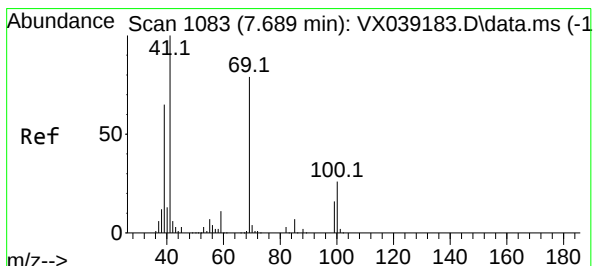
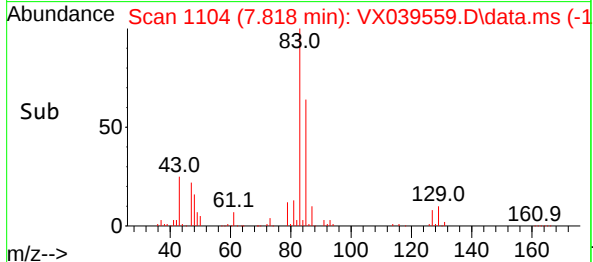
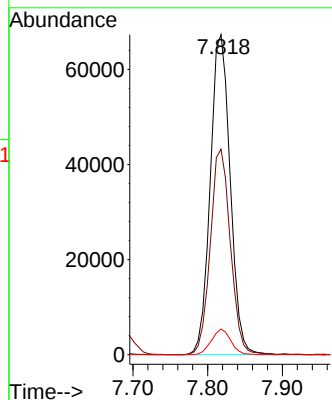
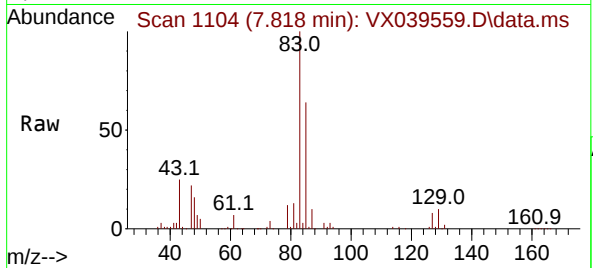
#47
Bromodichloromethane
Concen: 48.655 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12490
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.0 7.1 10.7

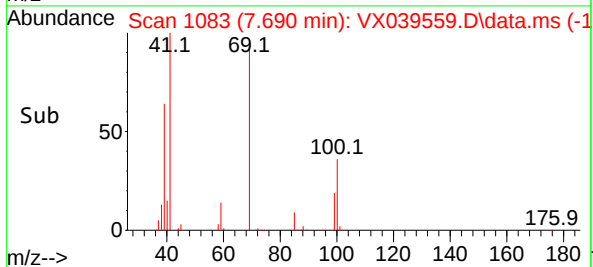
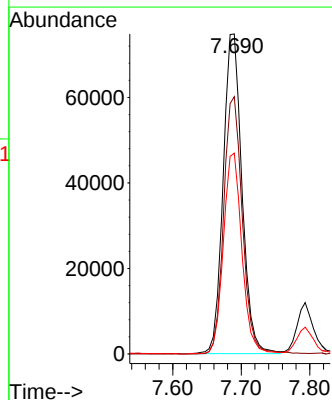
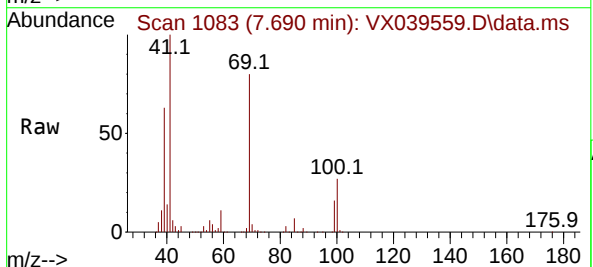
Manual Integrations
APPROVED

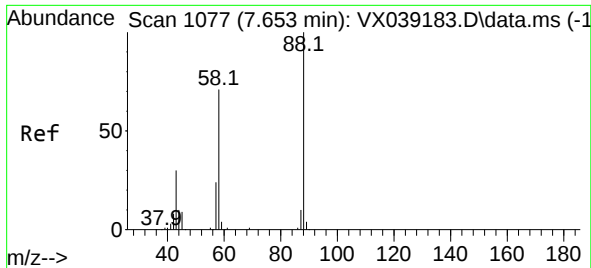
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#48
Methyl methacrylate
Concen: 48.244 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

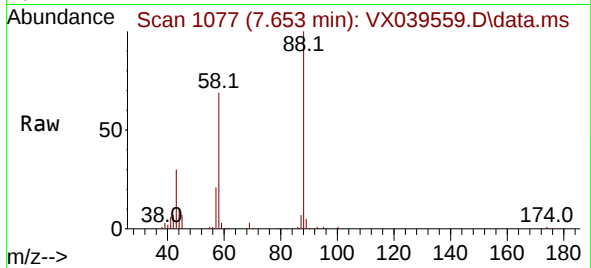
Tgt Ion: 41 Resp: 142558
Ion Ratio Lower Upper
41 100
69 79.9 59.2 88.8
39 61.9 47.7 71.5





#49
1,4-Dioxane
Concen: 968.151 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

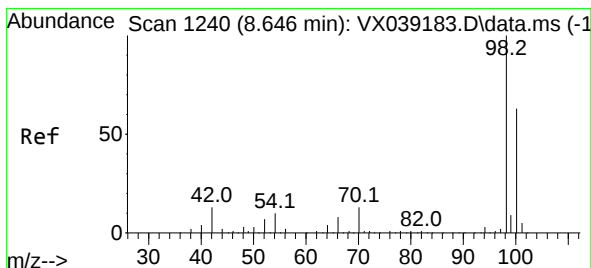
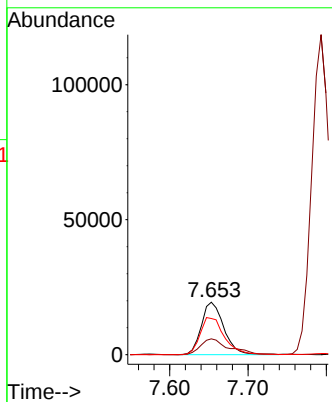
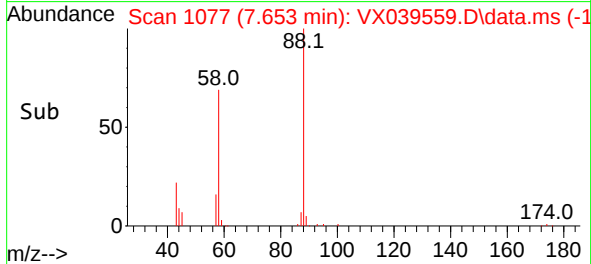
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3856
Ion Ratio Lower Upper
88 100
43 38.7 0.0 0.0
58 76.9 60.1 90.1

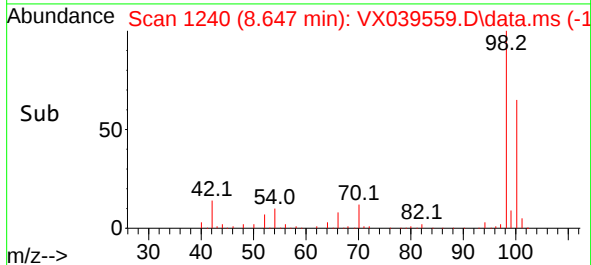
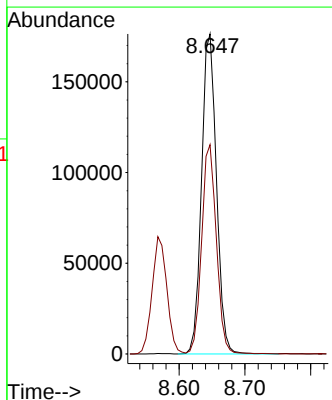
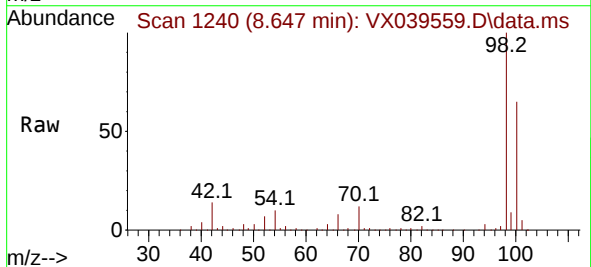
Manual Integrations
APPROVED

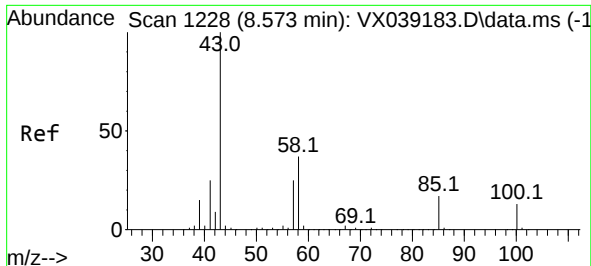
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#50
Toluene-d8
Concen: 46.962 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 98 Resp: 277971
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7





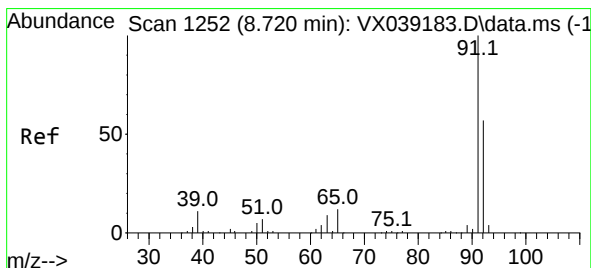
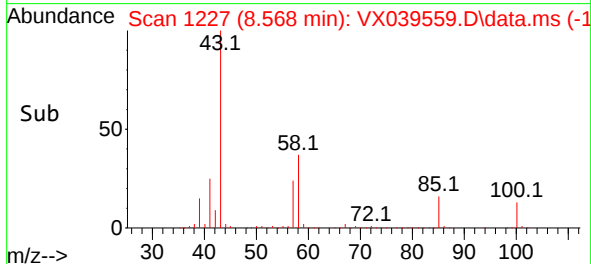
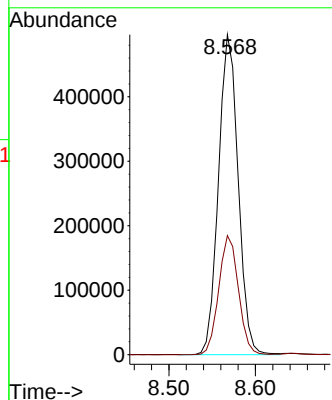
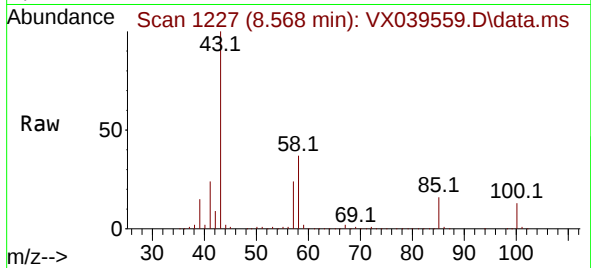
#51
4-Methyl-2-Pentanone
Concen: 243.212 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 783260
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

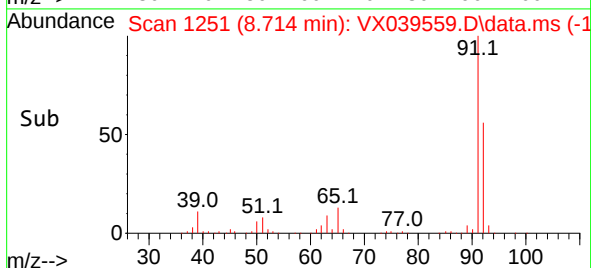
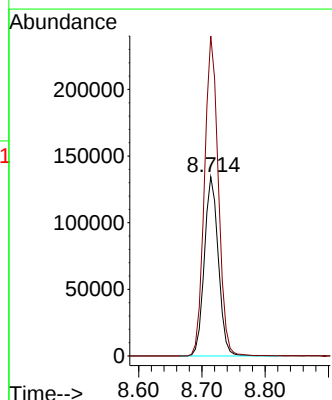
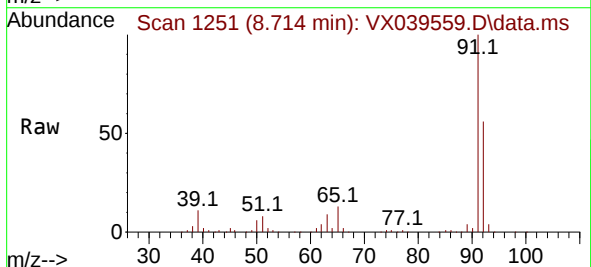
Manual Integrations
APPROVED

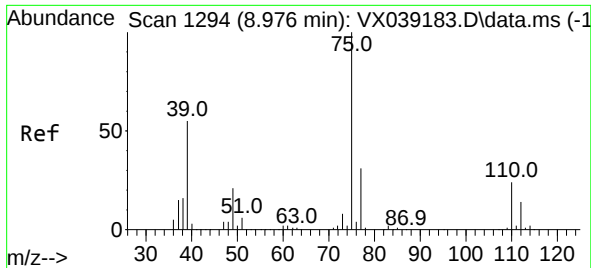
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#52
Toluene
Concen: 48.155 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

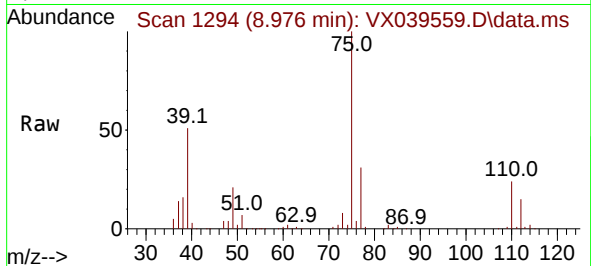
Tgt Ion: 92 Resp: 206849
Ion Ratio Lower Upper
92 100
91 177.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.921 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

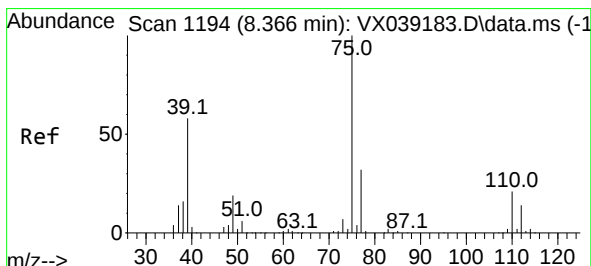
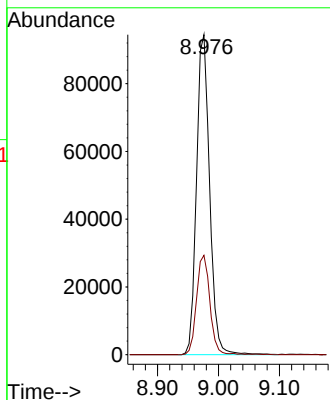
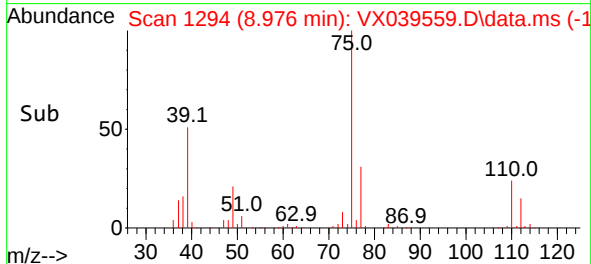
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



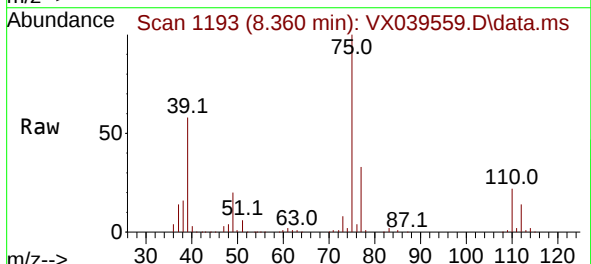
Tgt Ion: 75 Resp: 141095
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
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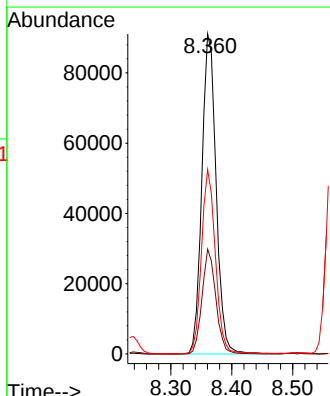
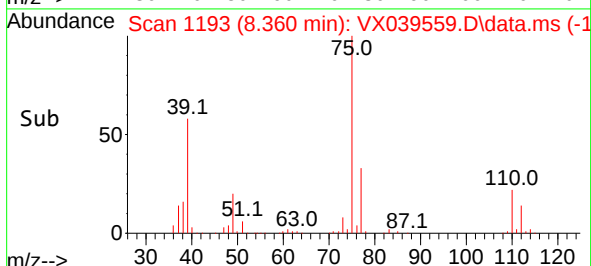
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

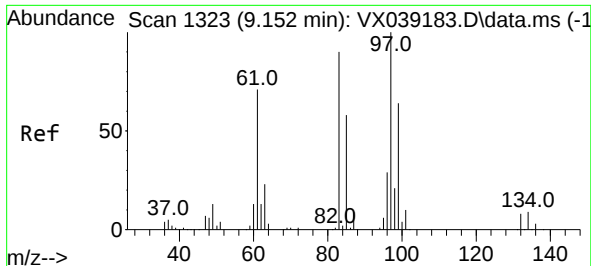


#54
cis-1,3-Dichloropropene
Concen: 48.852 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44



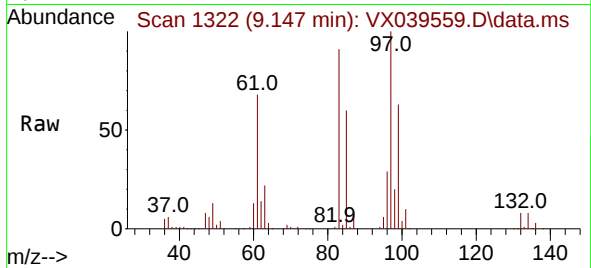
Tgt Ion: 75 Resp: 148566
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 57.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 48.424 ug/l
RT: 9.147 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

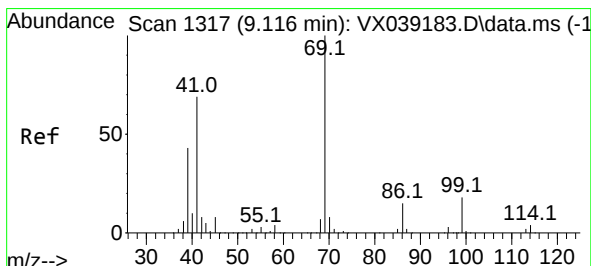
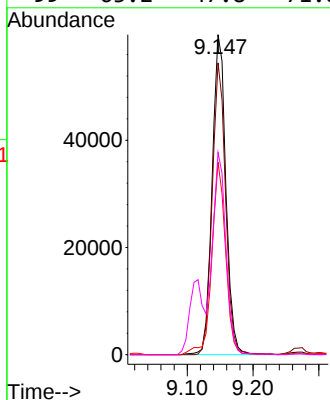
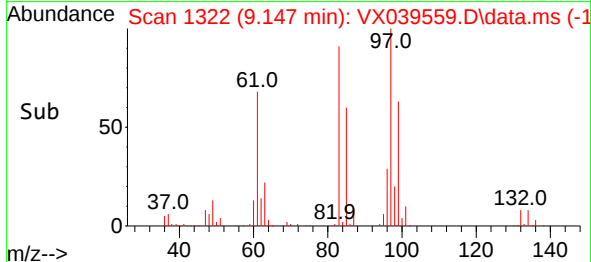


Tgt Ion: 97 Resp: 86838

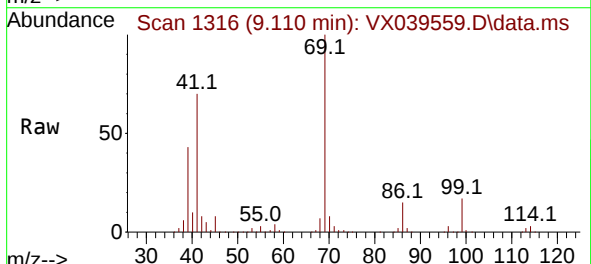
Ion	Ratio	Lower	Upper
97	100		
83	91.2	65.8	98.8
85	60.2	41.6	62.4
99	63.2	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

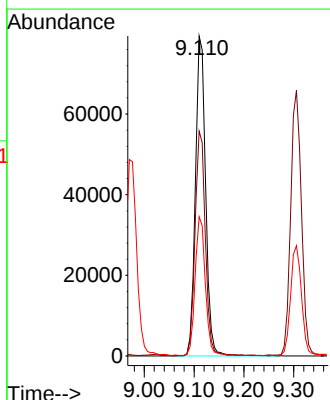
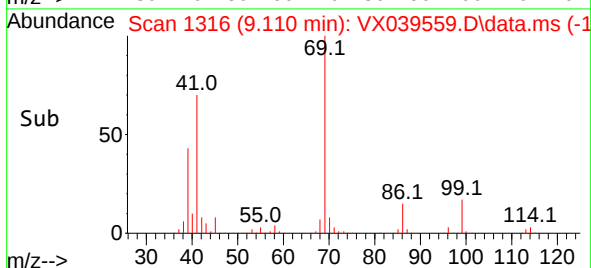


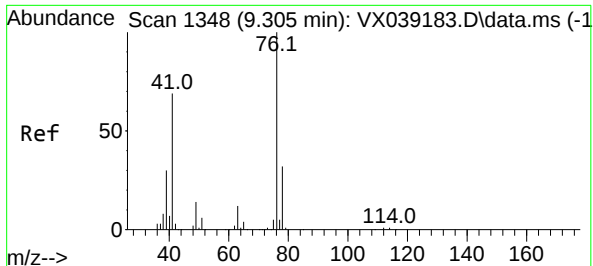
#56
Ethyl methacrylate
Concen: 51.443 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44



Tgt Ion: 69 Resp: 112619

Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.8	85.2
39	43.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 47.943 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 148634

Ion Ratio Lower Upper

76 100

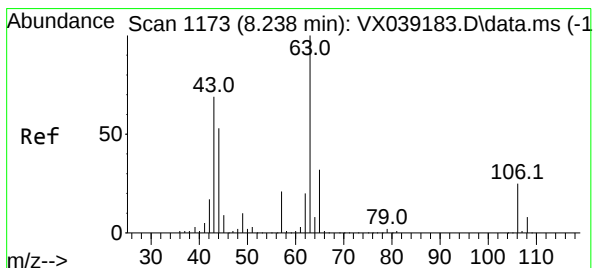
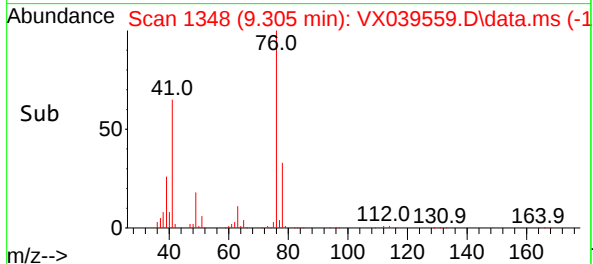
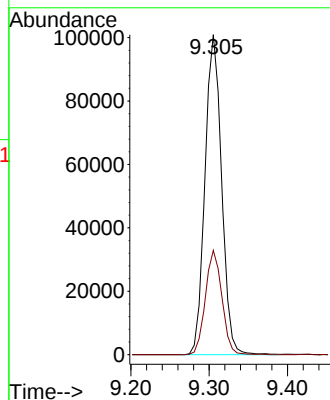
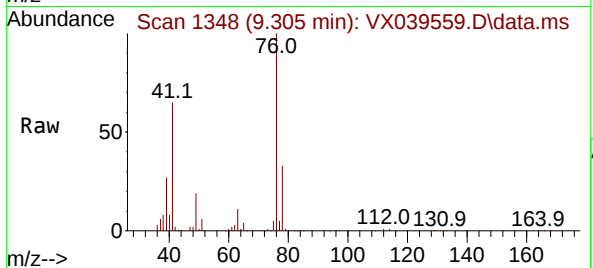
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#58

2-Chloroethyl Vinyl ether

Concen: 254.836 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039559.D

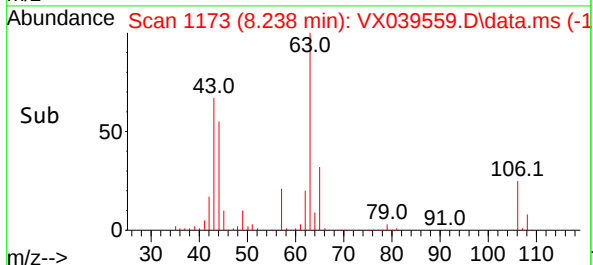
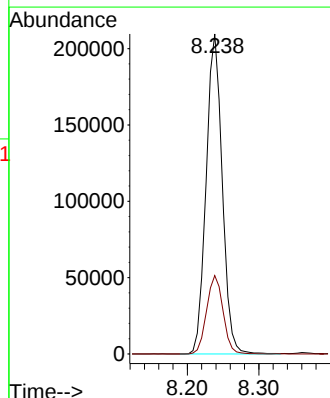
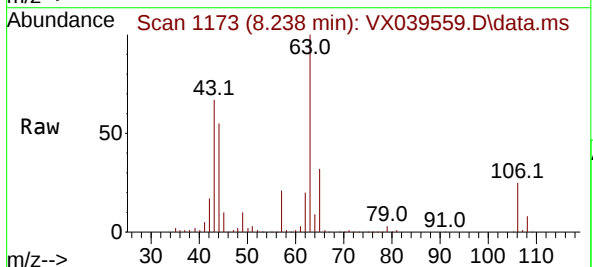
Acq: 02 Jan 2024 09:44

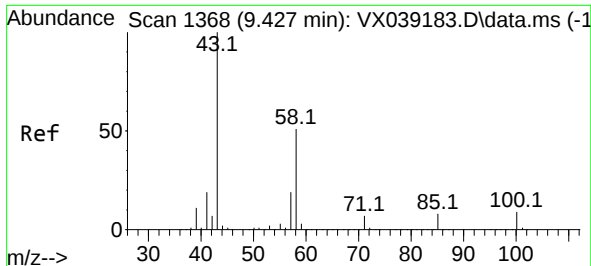
Tgt Ion: 63 Resp: 327584

Ion Ratio Lower Upper

63 100

106 24.9 22.5 33.7





#59

2-Hexanone

Concen: 236.513 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 657364

Ion Ratio Lower Upper

43 100

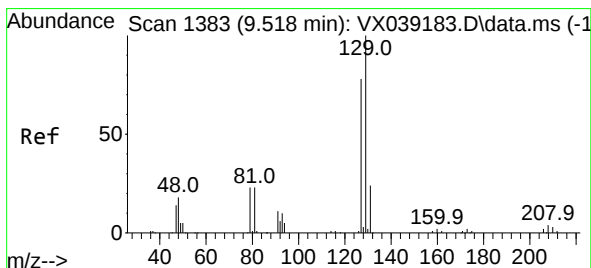
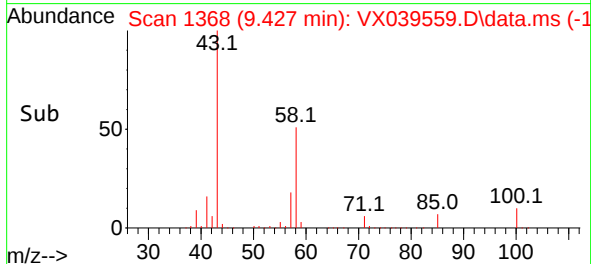
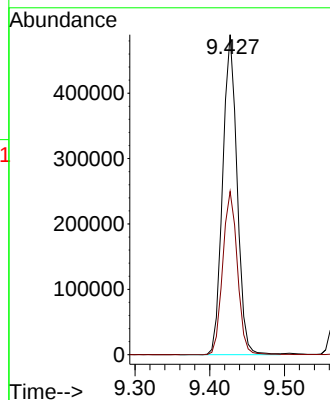
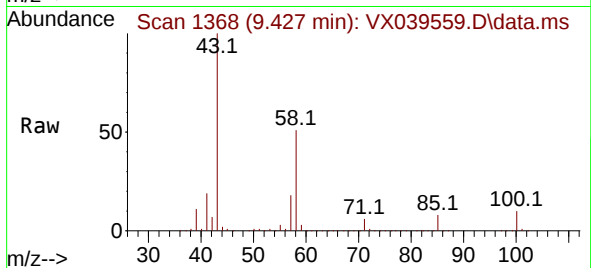
58 51.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#60

Dibromochloromethane

Concen: 49.498 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039559.D

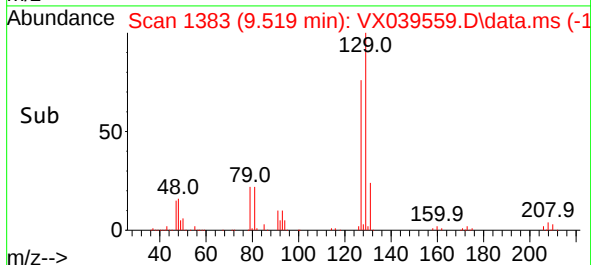
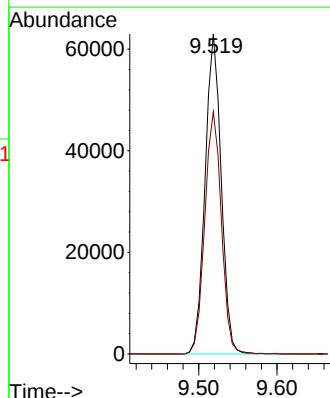
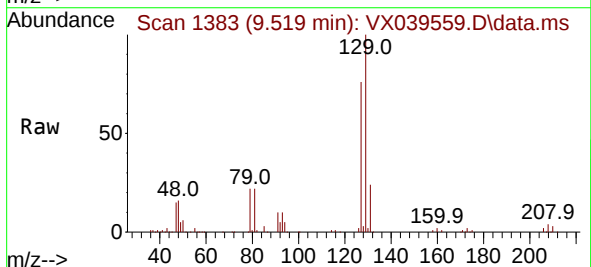
Acq: 02 Jan 2024 09:44

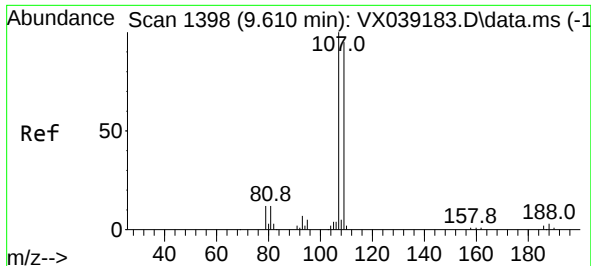
Tgt Ion:129 Resp: 89770

Ion Ratio Lower Upper

129 100

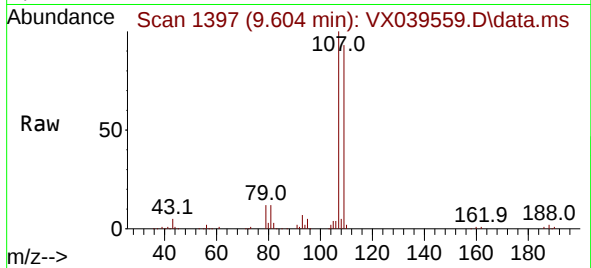
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.195 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

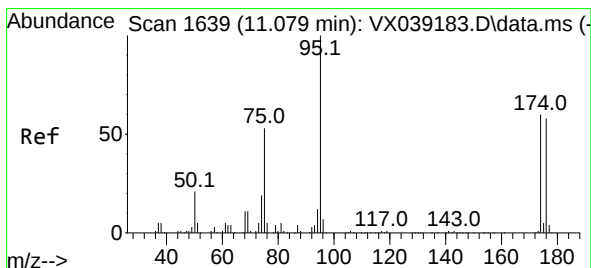
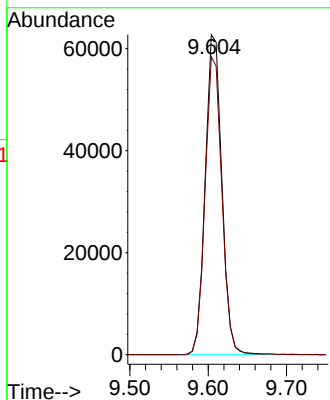
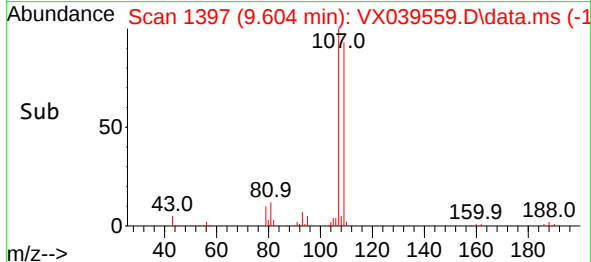
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



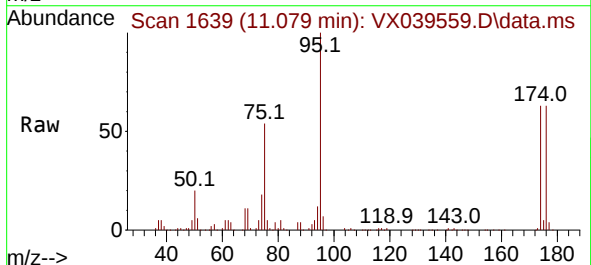
Tgt Ion:107 Resp: 92264
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
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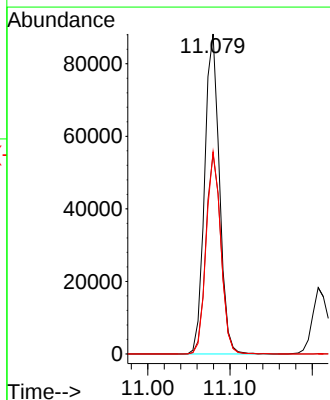
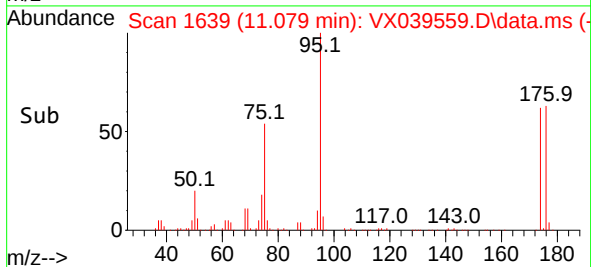
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

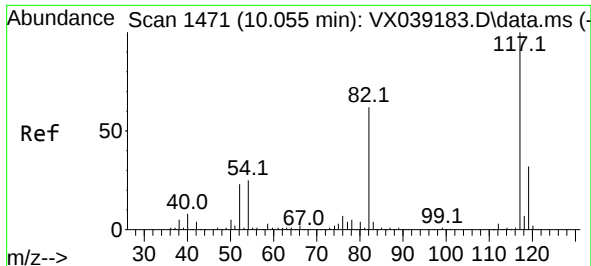


#62
4-Bromofluorobenzene
Concen: 45.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44



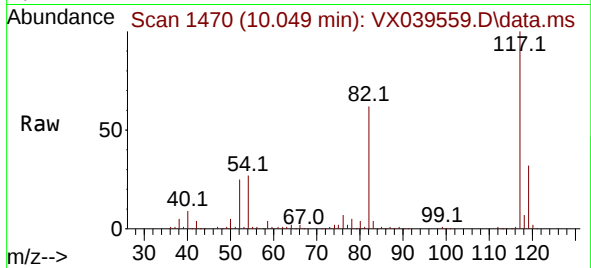
Tgt Ion: 95 Resp: 110318
Ion Ratio Lower Upper
95 100
174 63.3 0.0 135.6
176 62.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

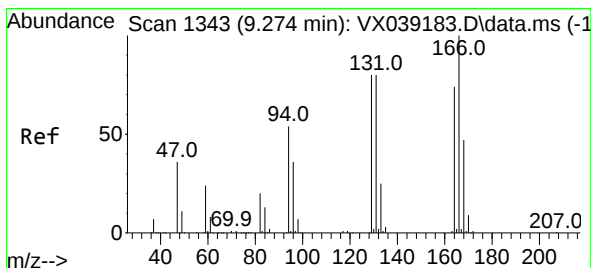
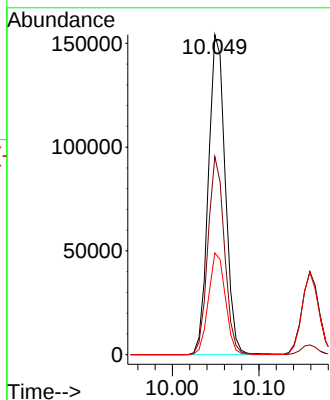
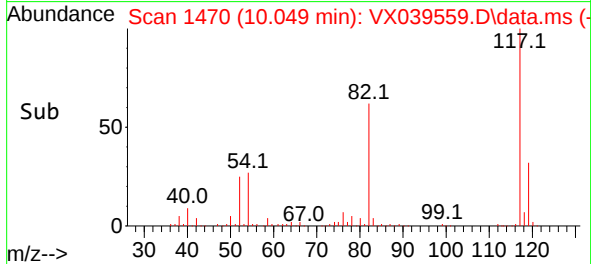
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 20834
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.4
119 31.8 25.5 38.3

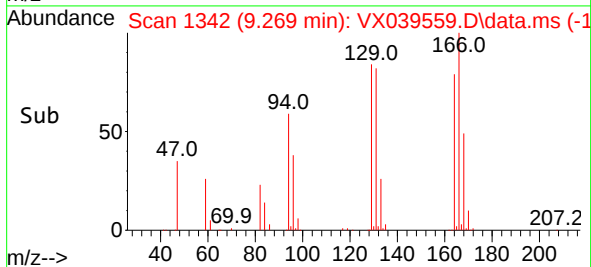
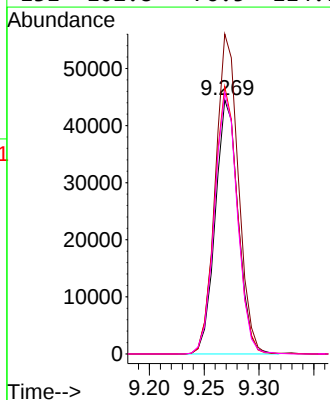
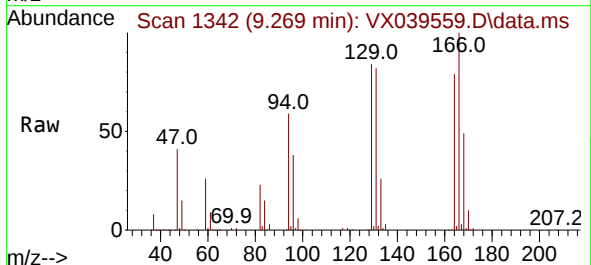
Manual Integrations
APPROVED

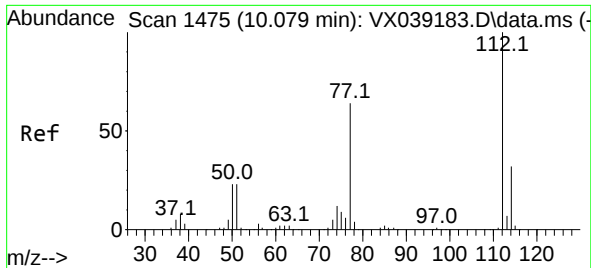
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#64
Tetrachloroethene
Concen: 47.292 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:164 Resp: 64387
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 105.3 80.4 120.6
131 102.8 76.5 114.7





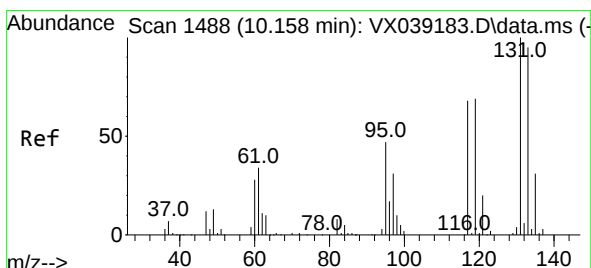
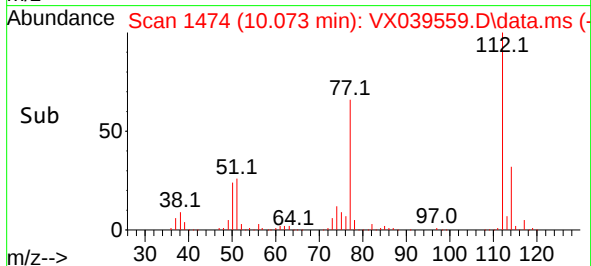
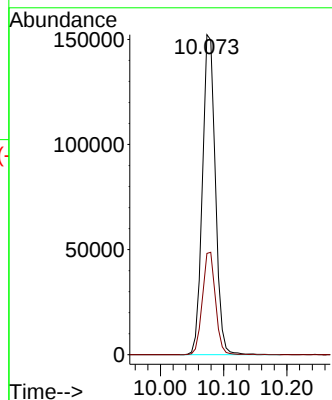
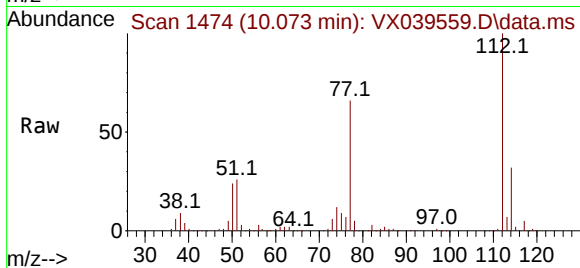
#65
Chlorobenzene
Concen: 47.732 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 217064
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

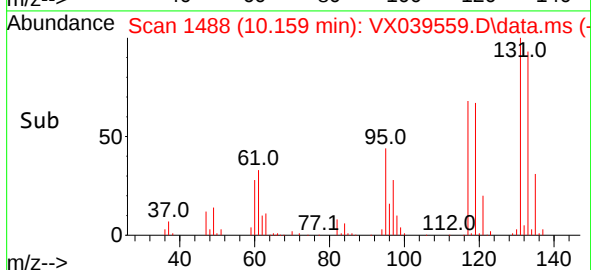
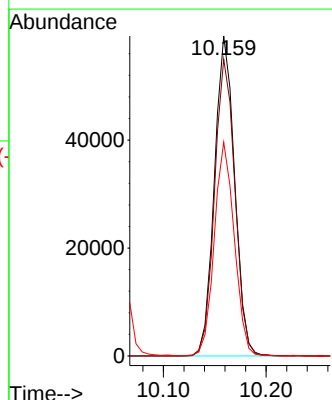
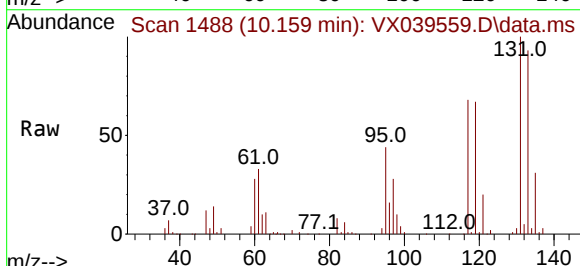
Manual Integrations
APPROVED

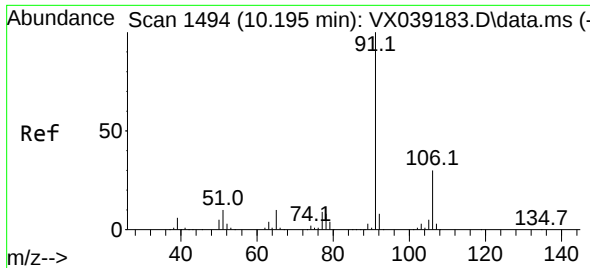
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.389 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

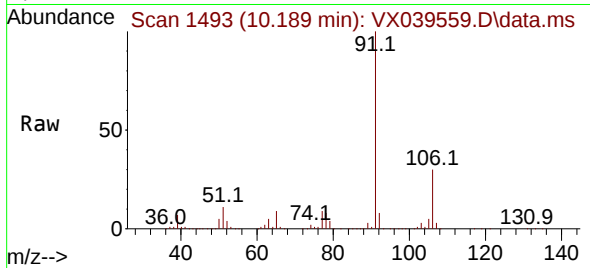
Tgt Ion:131 Resp: 80941
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.4
119 66.3 32.2 96.6





#67
Ethyl Benzene
Concen: 49.400 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

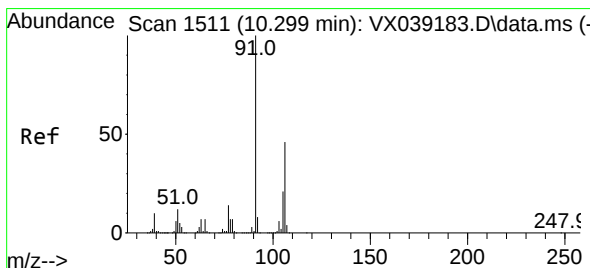
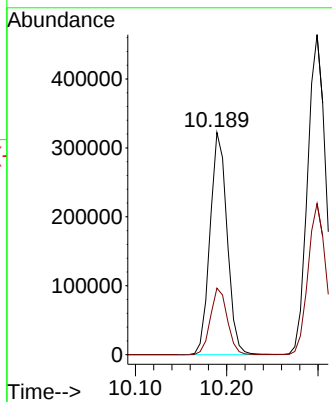
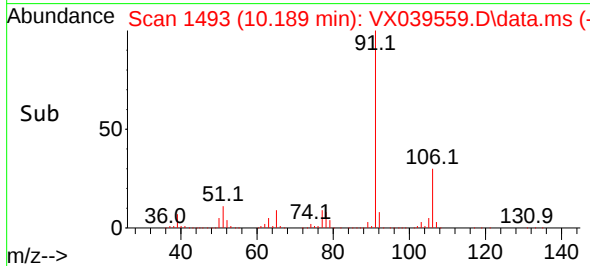
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 41817
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

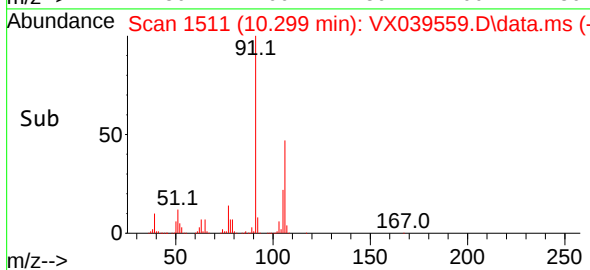
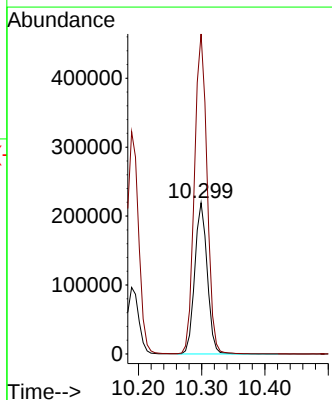
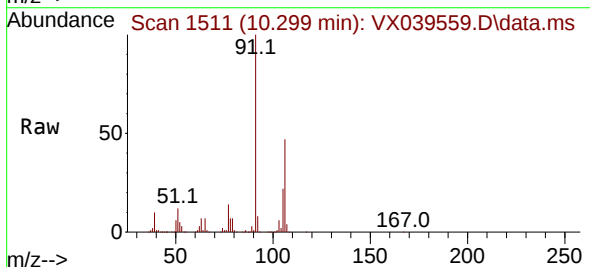
Manual Integrations
APPROVED

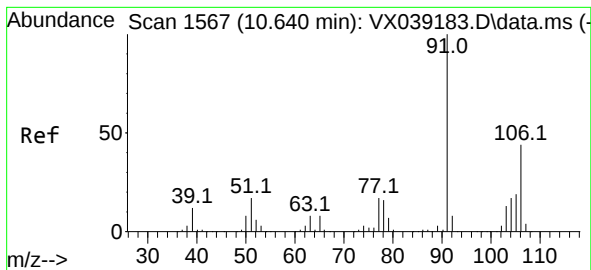
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#68
m/p-Xylenes
Concen: 99.217 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:106 Resp: 301135
Ion Ratio Lower Upper
106 100
91 214.7 165.5 248.3





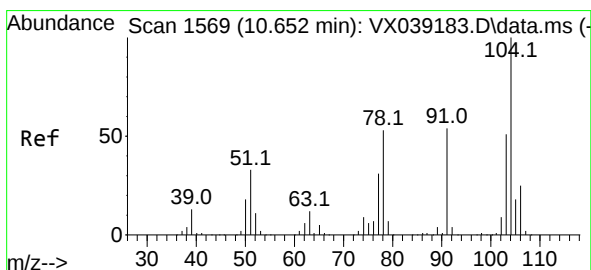
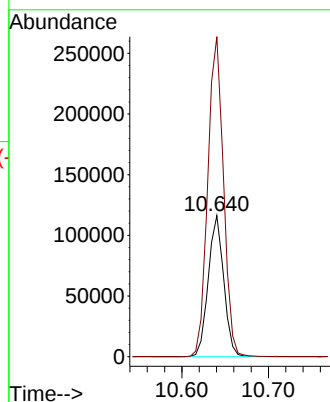
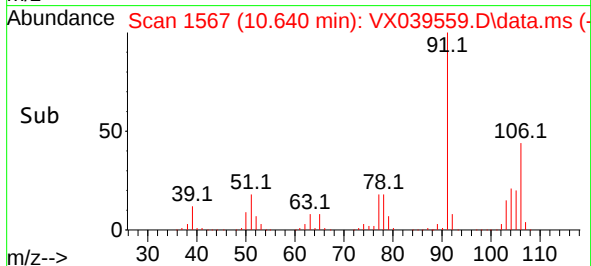
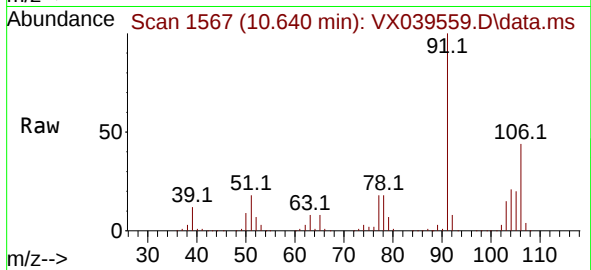
#69
o-Xylene
Concen: 49.171 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 144294
Ion Ratio Lower Upper
106 100
91 230.5 108.9 326.8

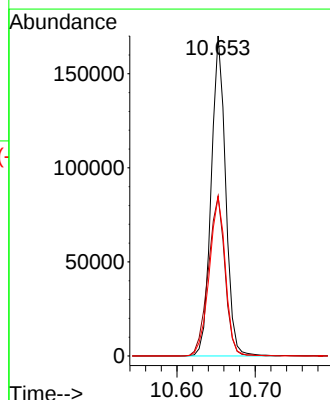
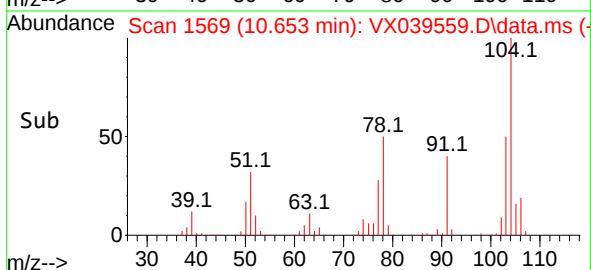
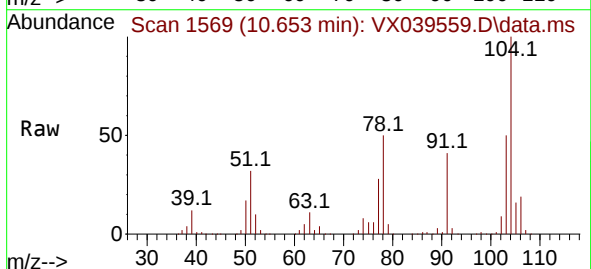
Manual Integrations
APPROVED

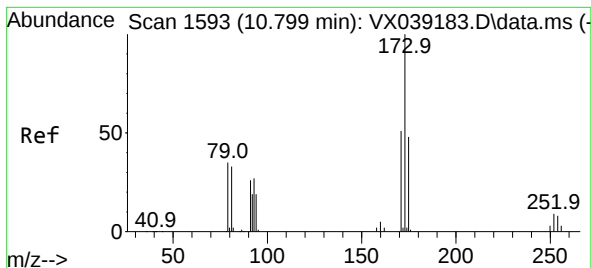
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#70
Styrene
Concen: 50.572 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:104 Resp: 216959
Ion Ratio Lower Upper
104 100
78 57.8 43.6 65.4
103 55.8 43.6 65.4





#71

Bromoform

Concen: 51.622 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

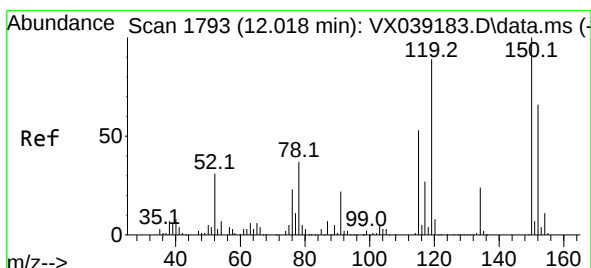
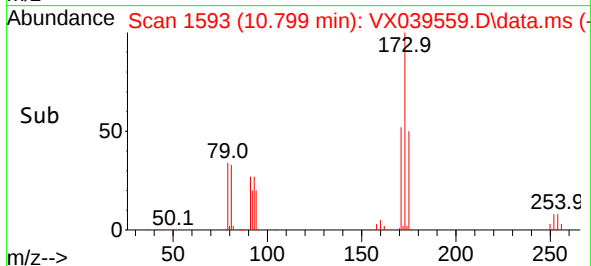
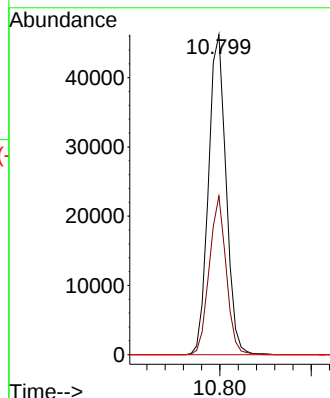
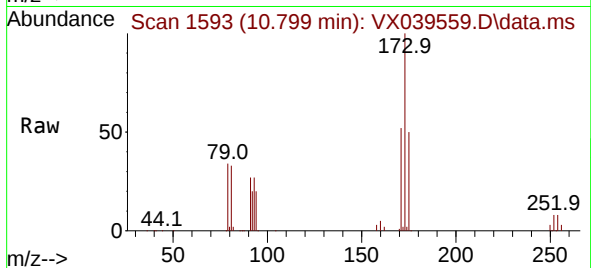
Tgt Ion:173	Resp: 61630
Ion Ratio	Lower Upper
173	100
175	47.7 24.1 72.4
254	0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

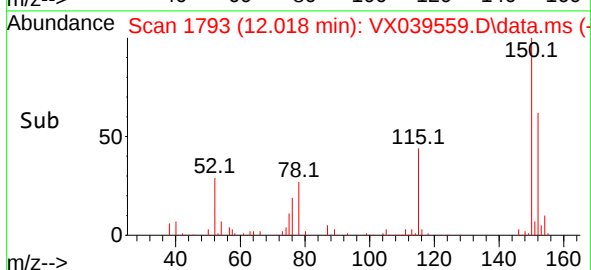
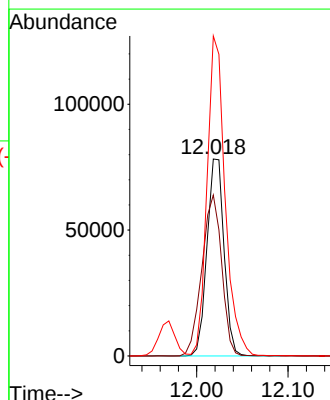
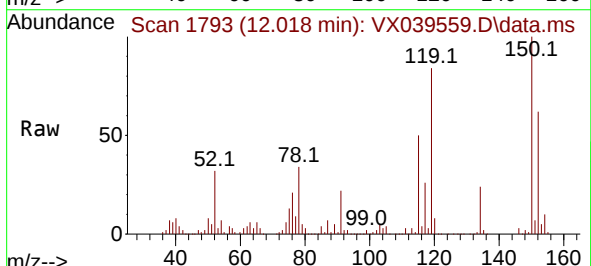
RT: 12.018 min Scan# 1793

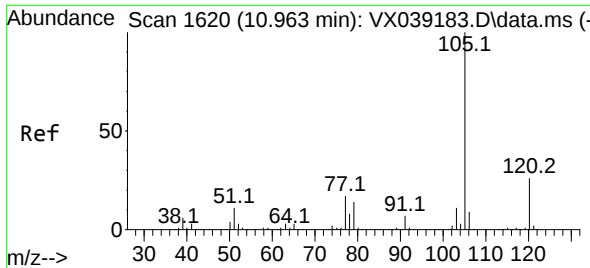
Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Tgt Ion:152	Resp: 101460
Ion Ratio	Lower Upper
152	100
115	94.7 43.3 129.9
150	171.2 0.0 345.0





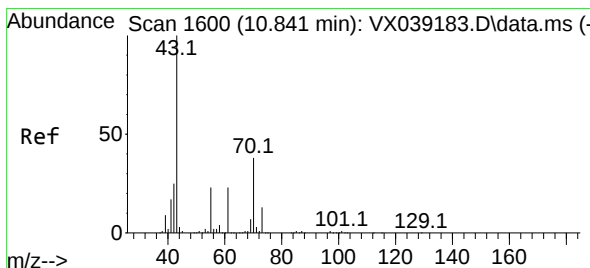
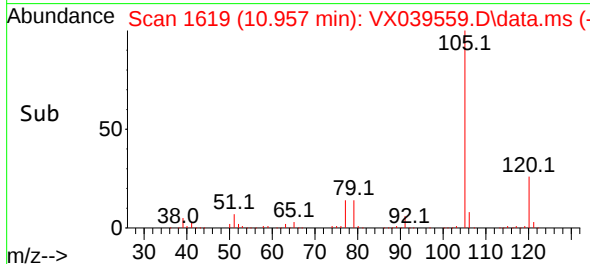
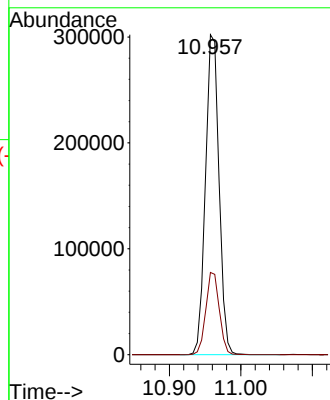
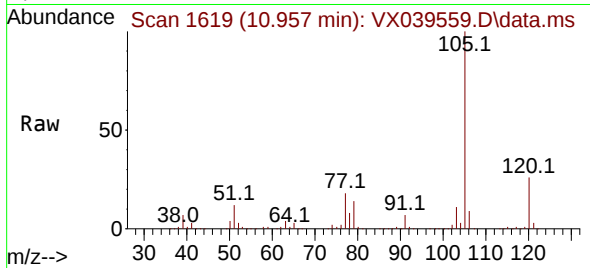
#73
Isopropylbenzene
Concen: 50.945 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 39880
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

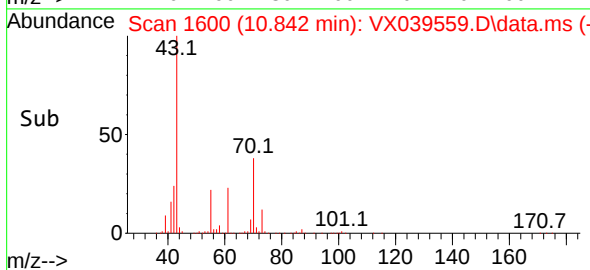
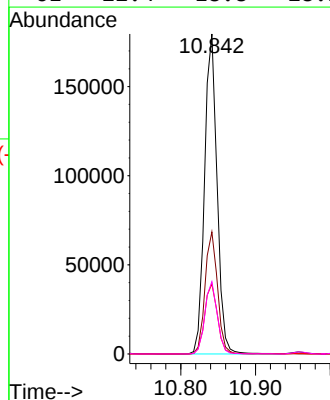
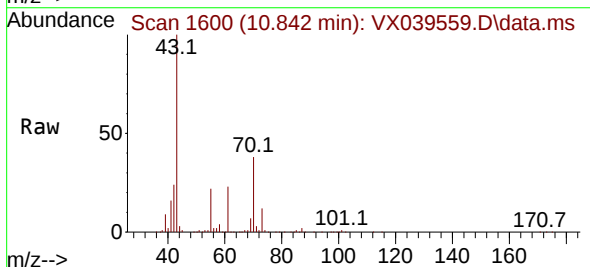
Manual Integrations
APPROVED

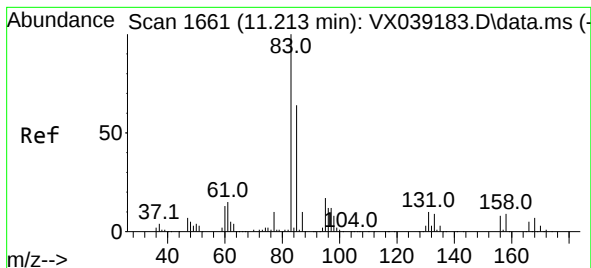
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#74
N-ethyl acetate
Concen: 52.638 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 43 Resp: 208479
Ion Ratio Lower Upper
43 100
70 38.1 32.9 49.3
55 22.4 19.3 28.9
61 22.4 18.8 28.2





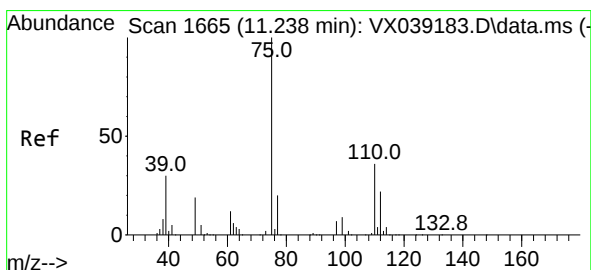
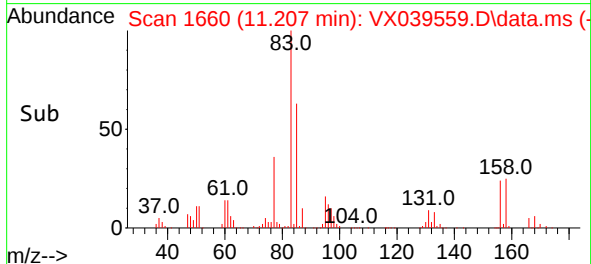
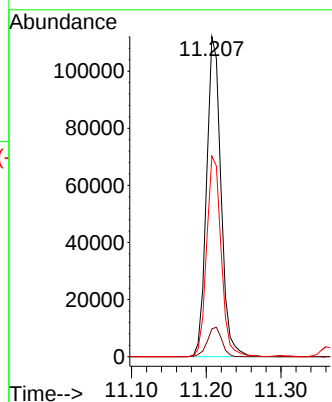
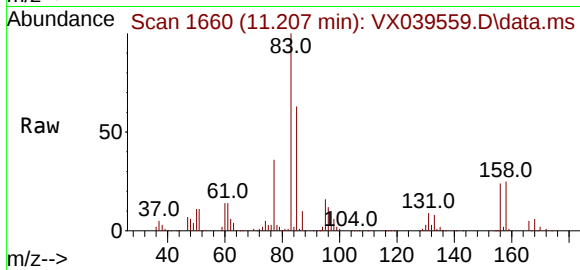
#75
1,1,2,2-Tetrachloroethane
Concen: 51.424 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 149750
Ion Ratio Lower Upper
83 100
131 9.3 5.3 15.8
85 63.0 32.0 96.2

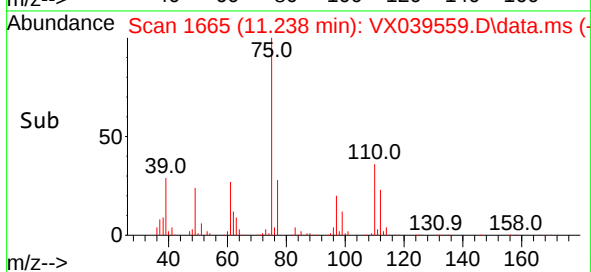
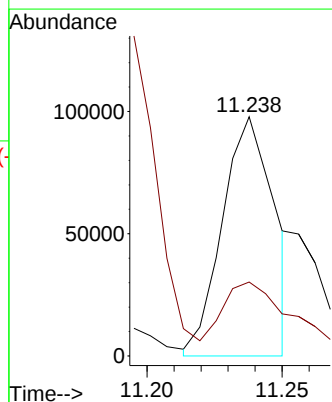
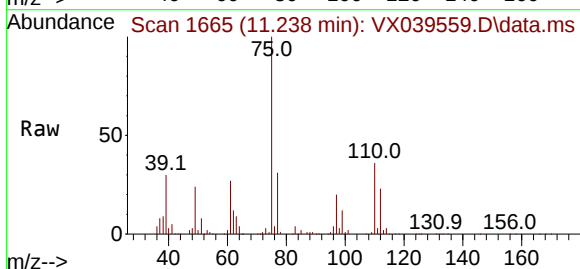
Manual Integrations
APPROVED

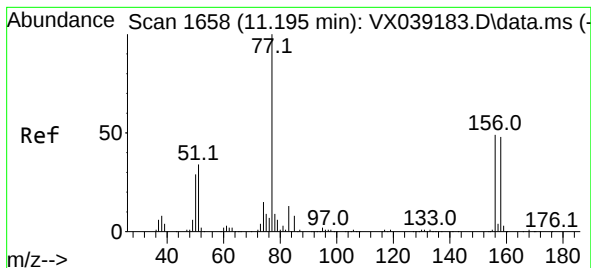
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#76
1,2,3-Trichloropropane
Concen: 49.646 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion: 75 Resp: 130318
Ion Ratio Lower Upper
75 100
77 42.4 19.1 57.5





#77

Bromobenzene

Concen: 50.328 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

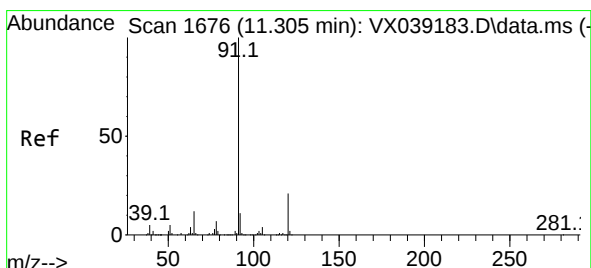
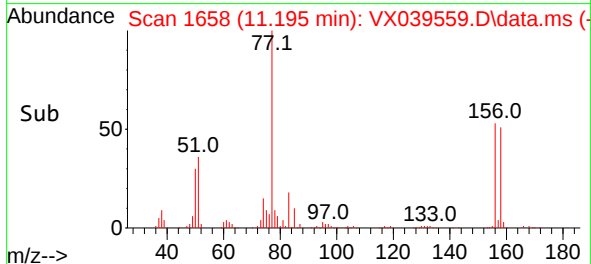
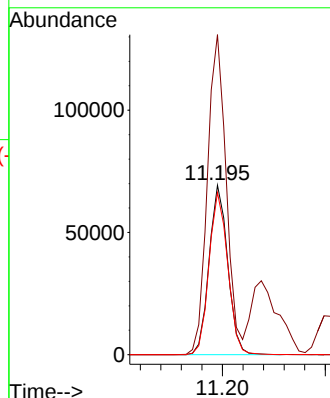
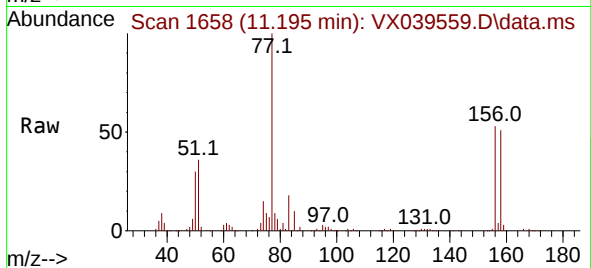
Tgt Ion:	156	Resp:	87120
Ion Ratio	Lower	Upper	
156	100		
77	190.9	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#78

n-propylbenzene

Concen: 50.738 ug/l

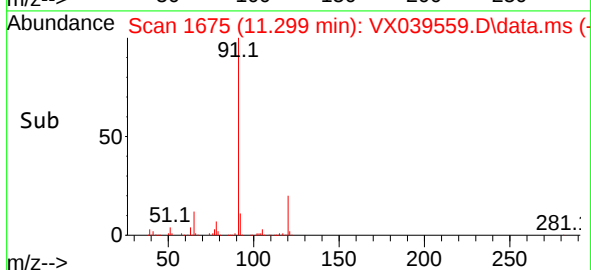
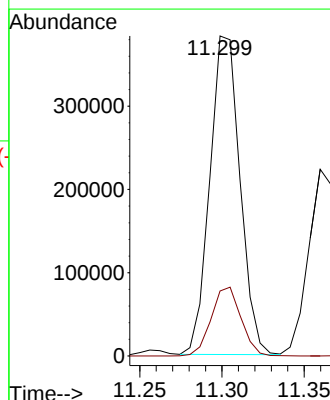
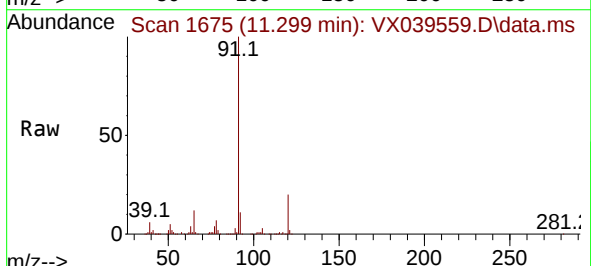
RT: 11.299 min Scan# 1675

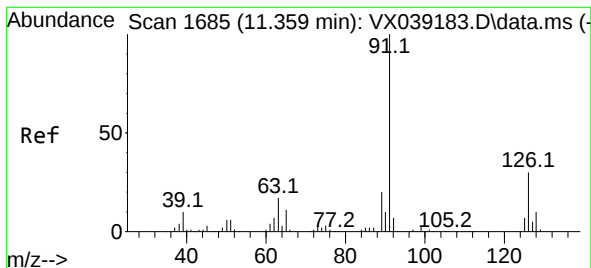
Delta R.T. -0.006 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Tgt Ion:	91	Resp:	489360
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





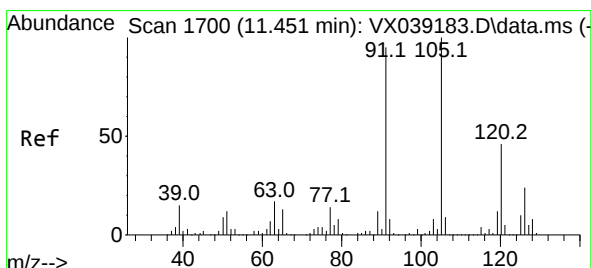
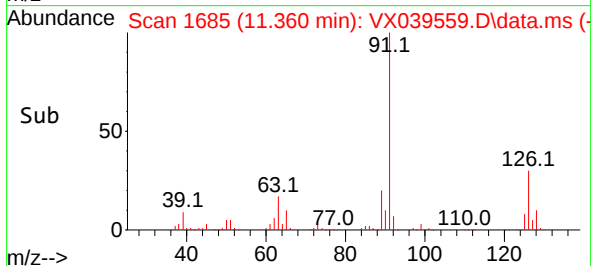
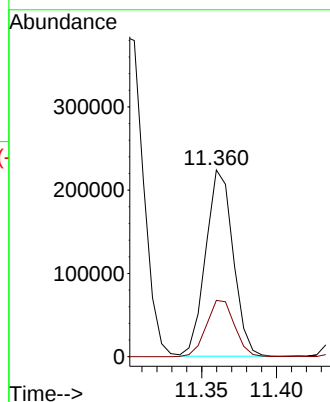
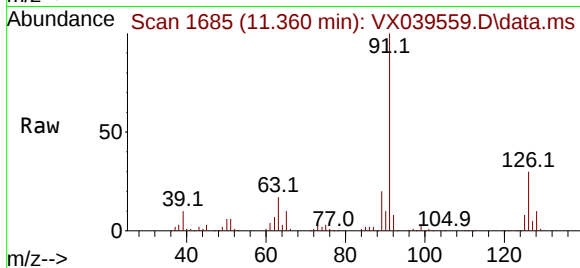
#79
2-Chlorotoluene
Concen: 49.020 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28598
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

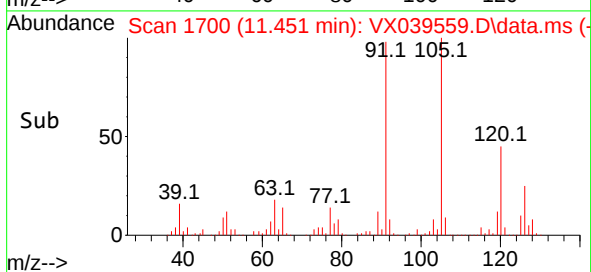
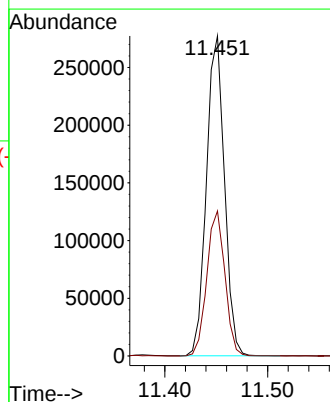
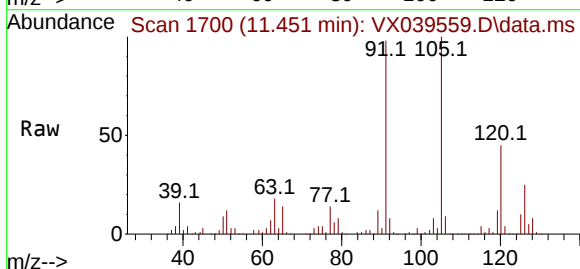
Manual Integrations
APPROVED

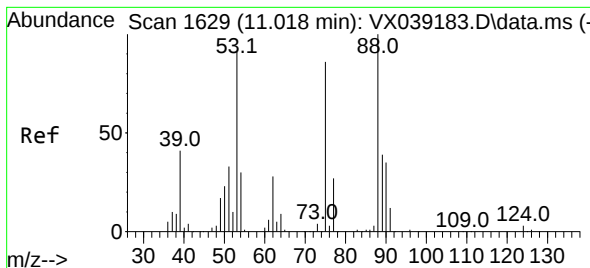
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.681 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:105 Resp: 337972
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





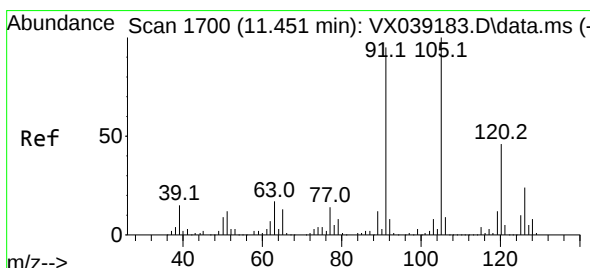
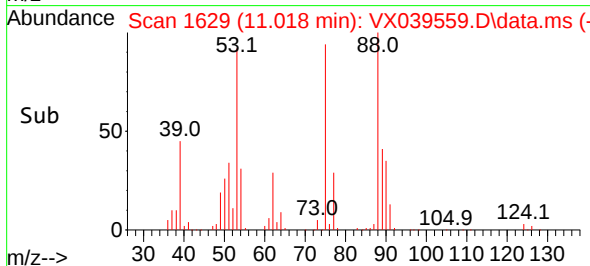
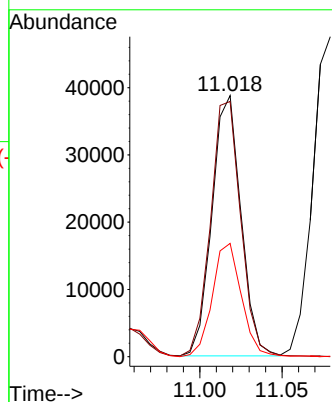
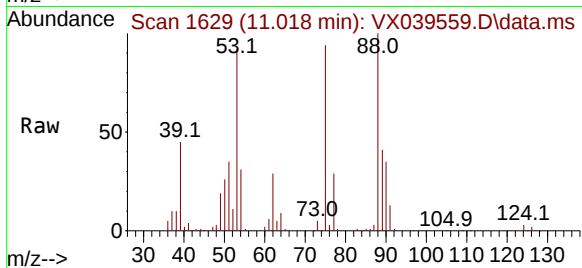
#81
trans-1,4-Dichloro-2-butene
Concen: 50.983 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 47440
Ion Ratio Lower Upper
75 100
53 102.4 90.5 135.7
89 43.9 36.9 55.3

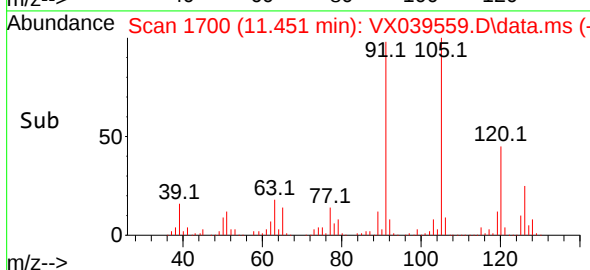
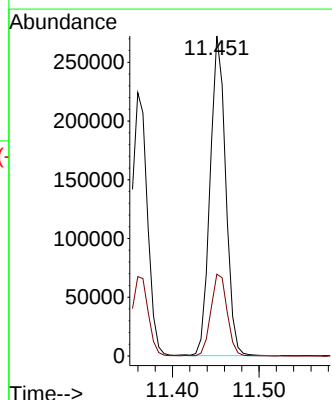
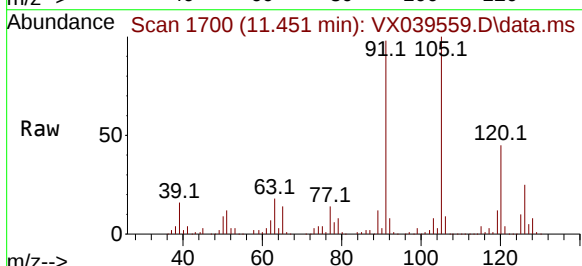
Manual Integrations
APPROVED

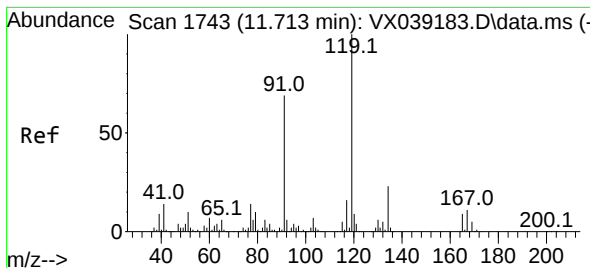
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#82
4-Chlorotoluene
Concen: 49.625 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

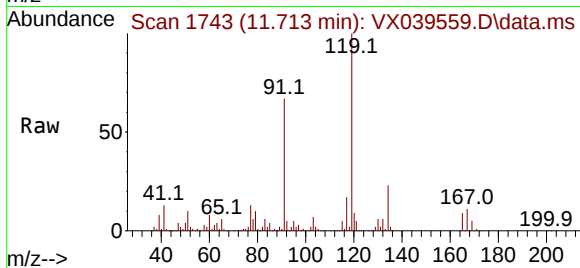
Tgt Ion: 91 Resp: 340040
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 51.461 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

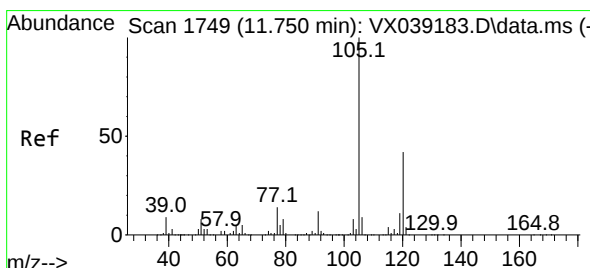
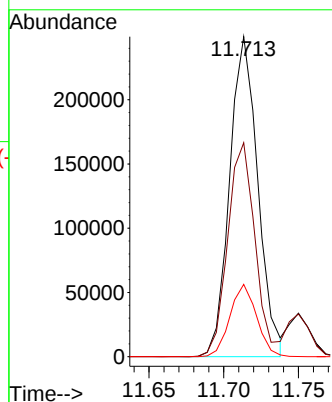
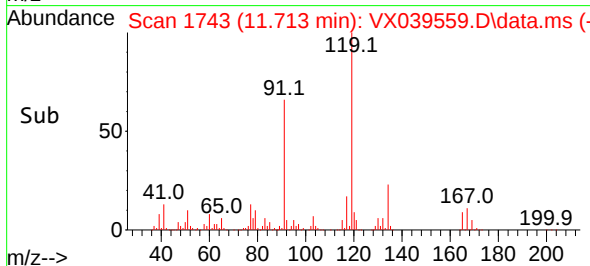
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



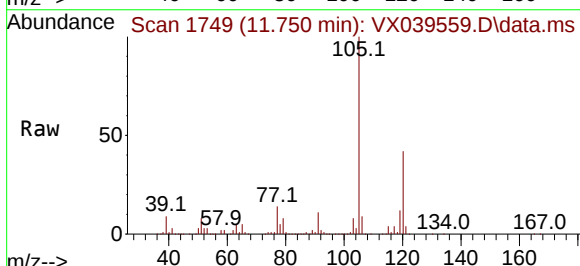
Tgt Ion:119 Resp: 326599
Ion Ratio Lower Upper
119 100
91 65.3 31.2 93.6
134 21.4 11.7 35.0

Manual Integrations
APPROVED

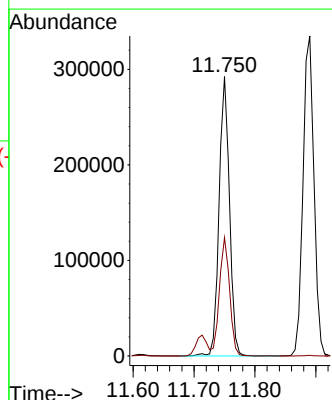
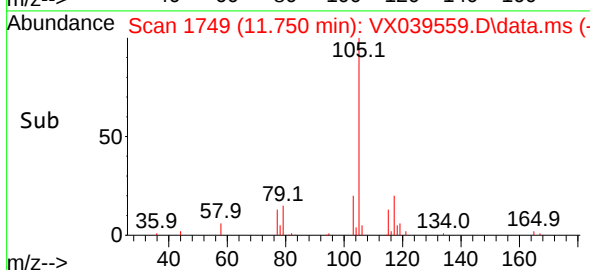
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024

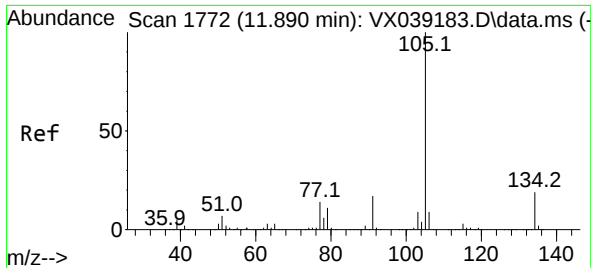


#84
1,2,4-Trimethylbenzene
Concen: 50.298 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44



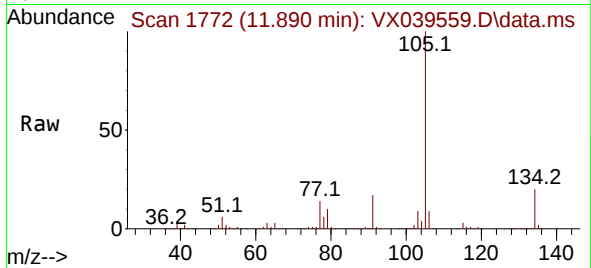
Tgt Ion:105 Resp: 343973
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.661 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039559.D
 Acq: 02 Jan 2024 09:44

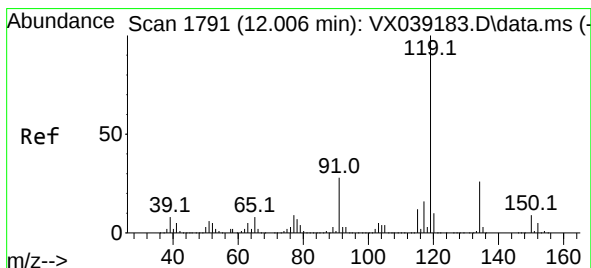
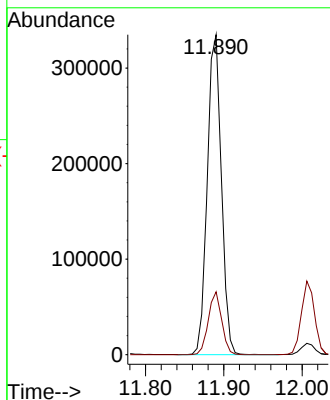
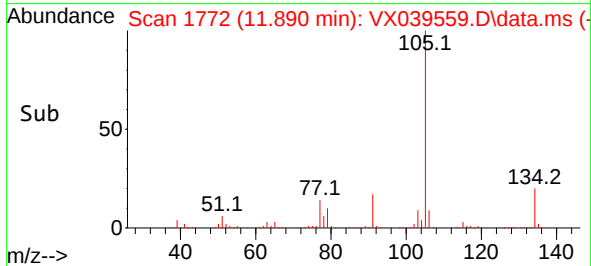
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



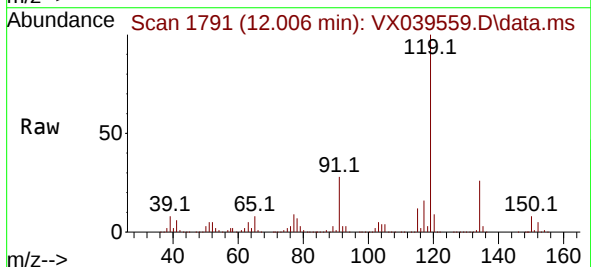
Tgt Ion:105 Resp: 417211
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

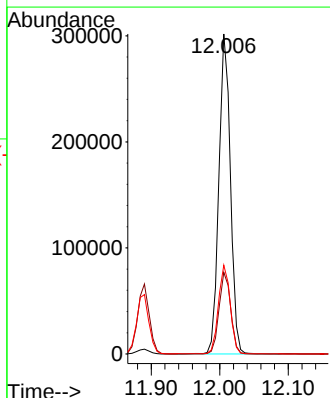
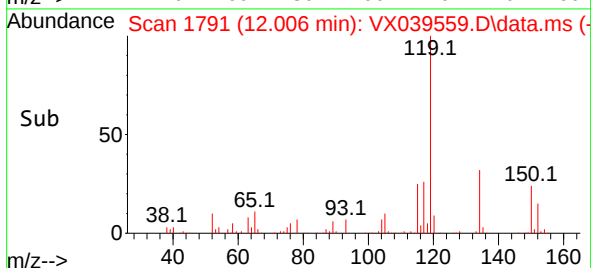
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024

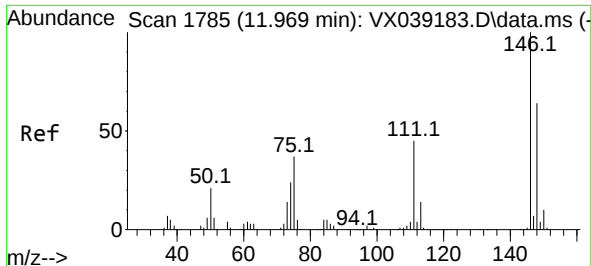


#86
 p-Isopropyltoluene
 Concen: 51.547 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039559.D
 Acq: 02 Jan 2024 09:44



Tgt Ion:119 Resp: 349365
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 28.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.081 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 166910

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.1

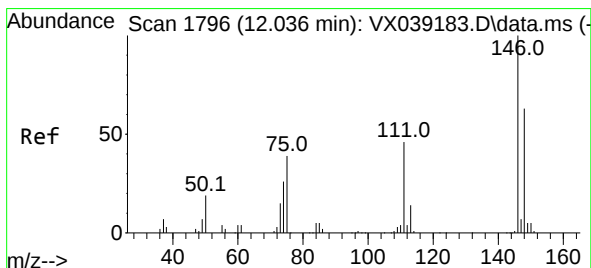
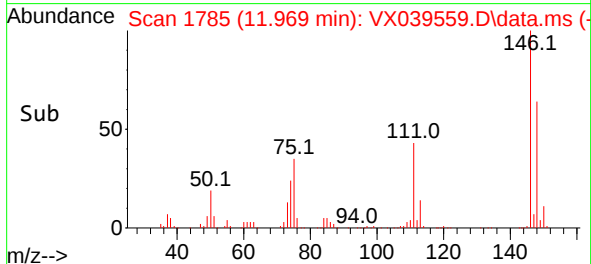
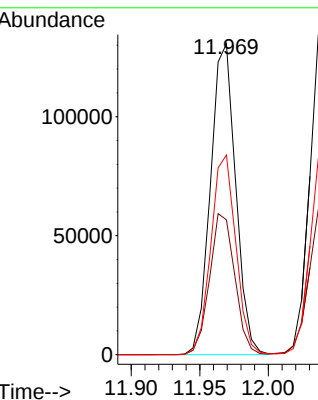
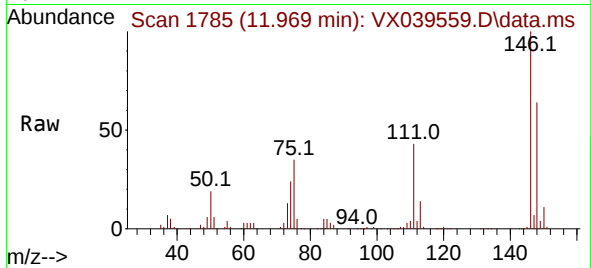
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#88

1,4-Dichlorobenzene

Concen: 47.515 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

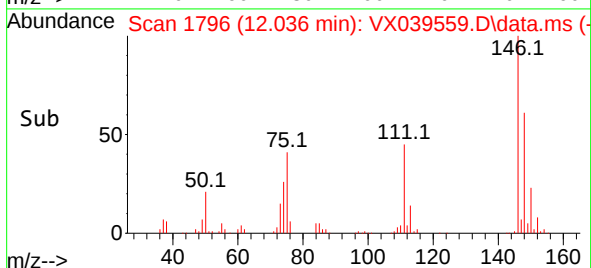
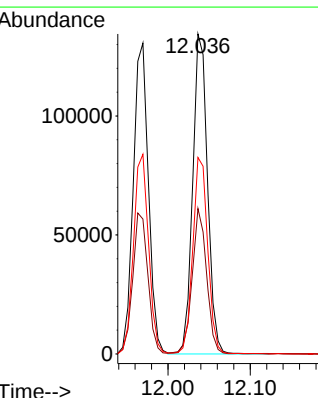
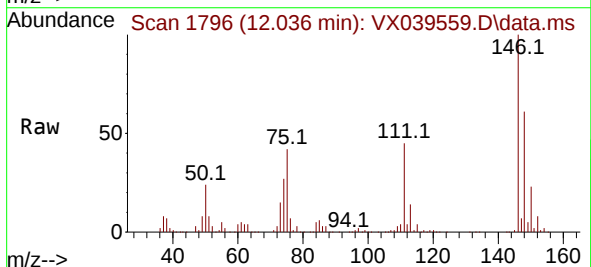
Tgt Ion:146 Resp: 168250

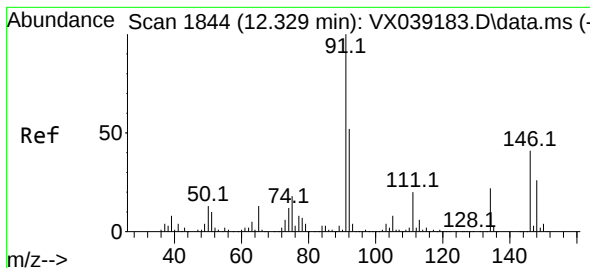
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

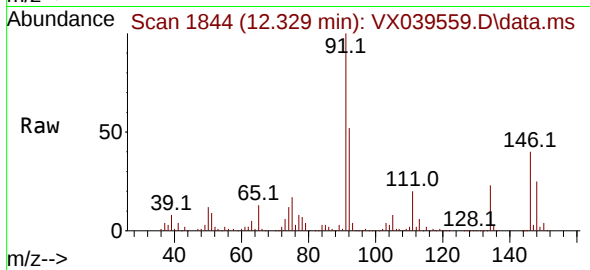
148 62.2 31.8 95.4





#89
n-Butylbenzene
Concen: 53.122 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

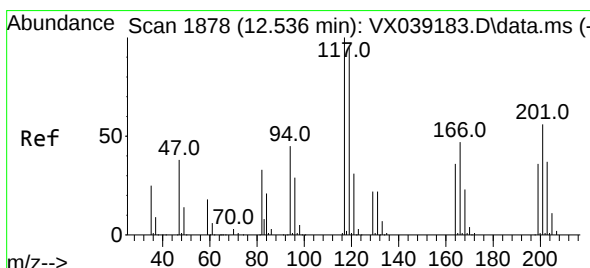
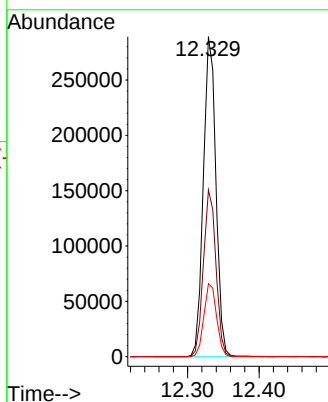
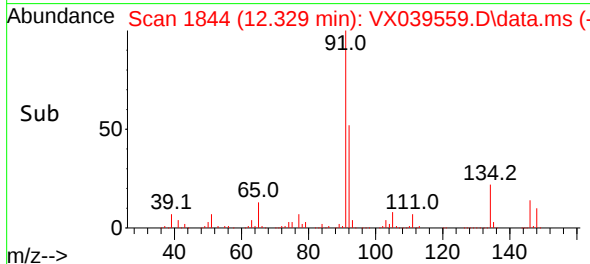
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 35393
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 23.1 12.6 37.8

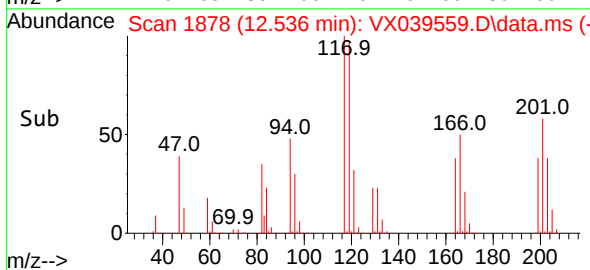
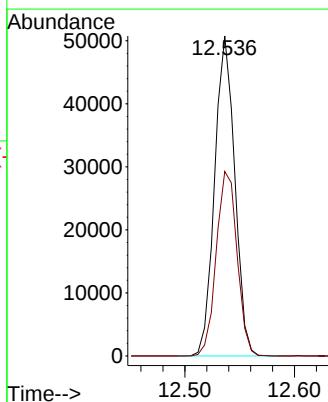
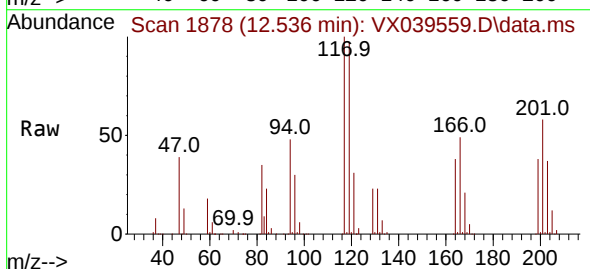
Manual Integrations
APPROVED

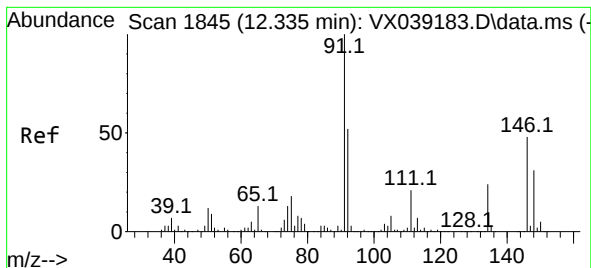
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#90
Hexachloroethane
Concen: 52.961 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039559.D
Acq: 02 Jan 2024 09:44

Tgt Ion:117 Resp: 64840
Ion Ratio Lower Upper
117 100
201 59.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 49.312 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 160458

Ion Ratio Lower Upper

146 100

111 47.1 22.4 67.0

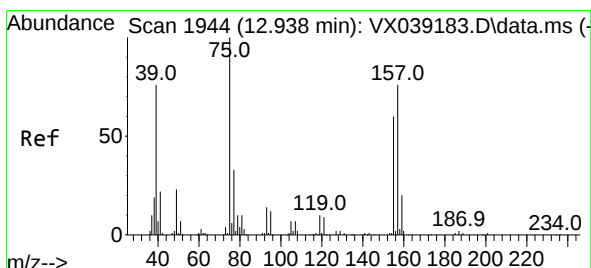
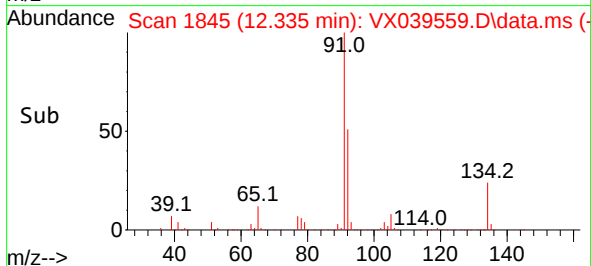
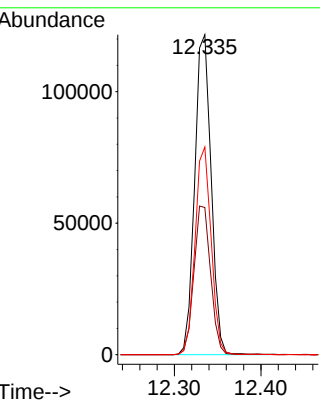
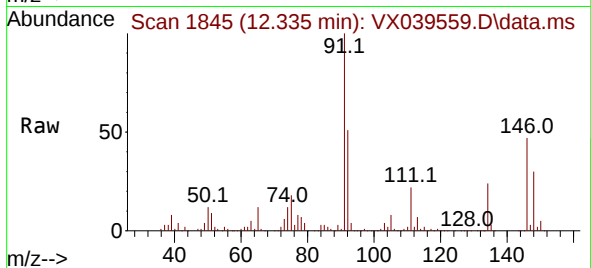
148 63.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.364 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

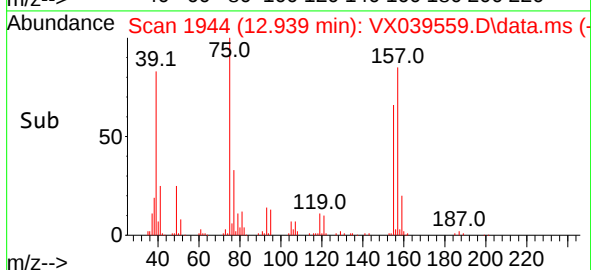
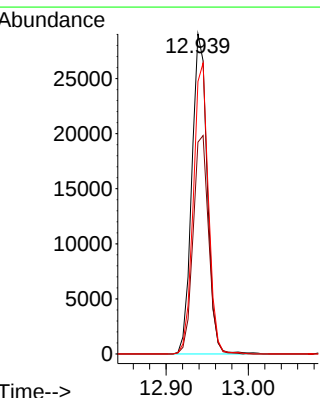
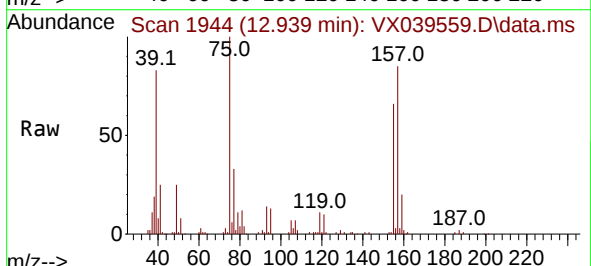
Tgt Ion: 75 Resp: 37863

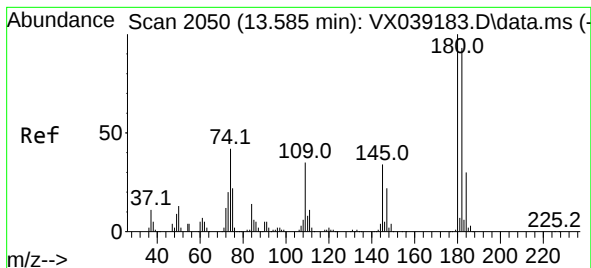
Ion Ratio Lower Upper

75 100

155 68.7 36.1 108.5

157 88.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 49.611 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 105700

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

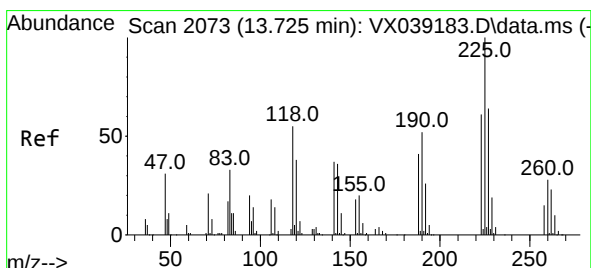
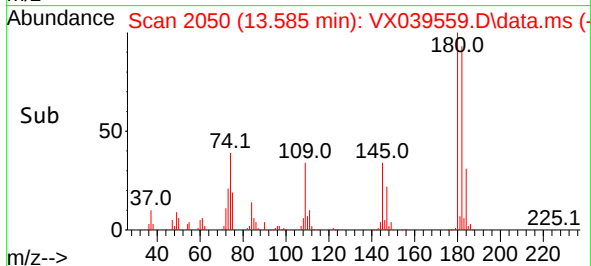
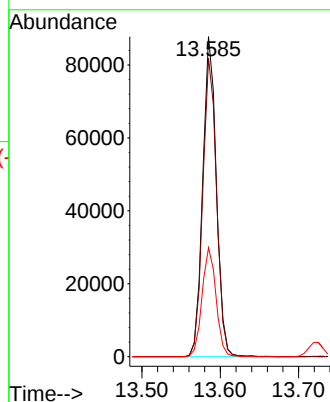
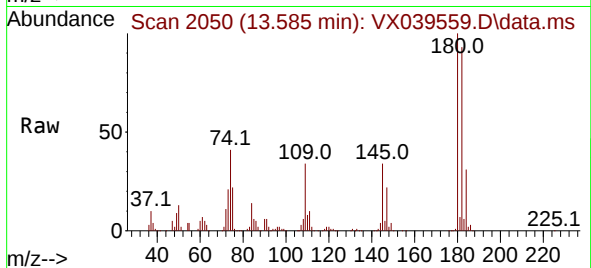
145 35.0 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#94

Hexachlorobutadiene

Concen: 54.194 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

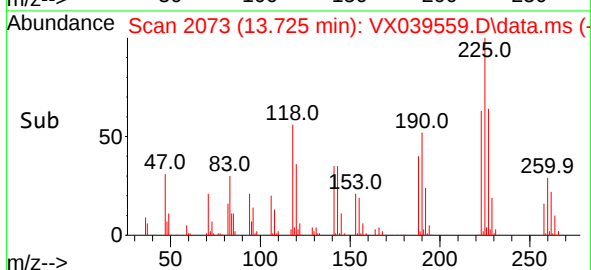
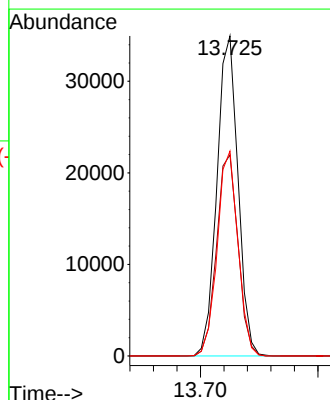
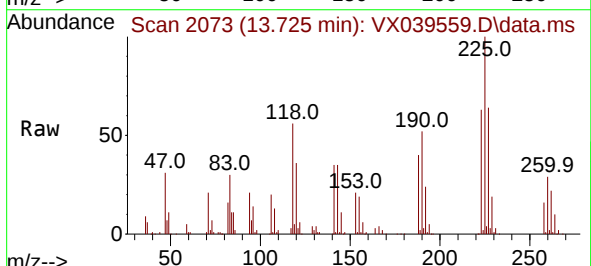
Tgt Ion:225 Resp: 43516

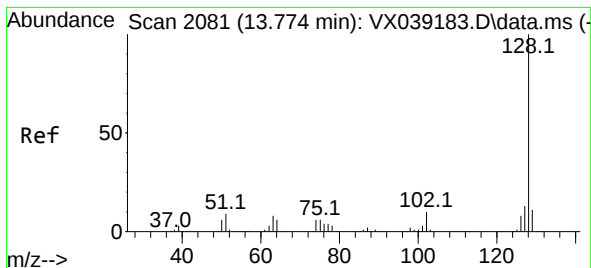
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 63.1 32.5 97.5





#95

Naphthalene

Concen: 51.173 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 379715

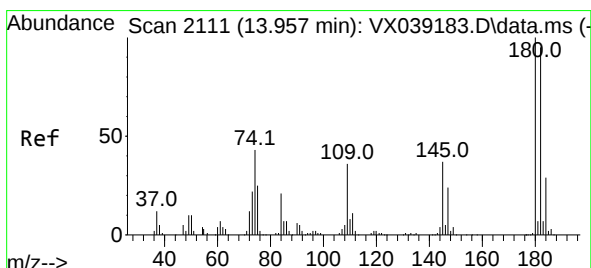
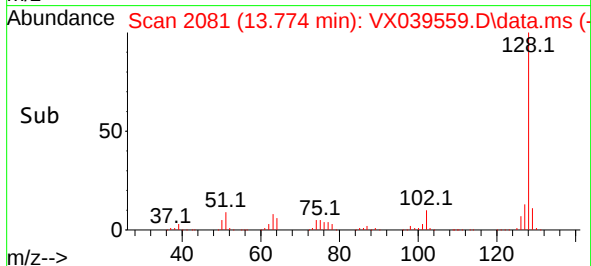
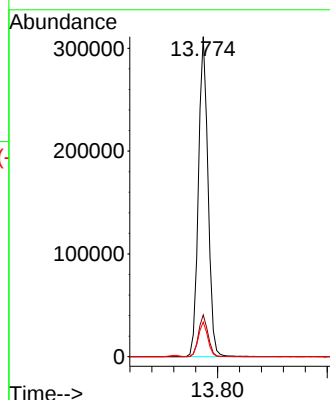
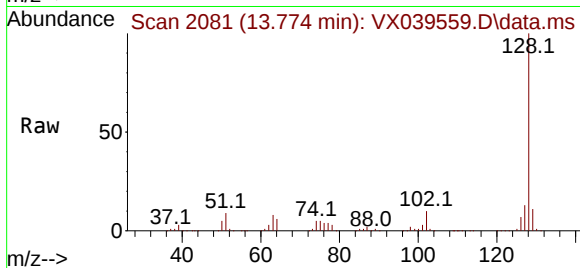
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.909 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039559.D

Acq: 02 Jan 2024 09:44

Tgt Ion:180 Resp: 102659

Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.6
145	37.1	17.8	53.5

