

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011024\
 Data File : VX039699.D
 Acq On : 10 Jan 2024 12:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2024
 Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:34:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:21:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	102871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81411	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	253385	147.040	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 294.080%#			
35) Dibromofluoromethane	5.385	113	184285	147.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 294.160%#			
50) Toluene-d8	8.647	98	682613	144.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 288.900%#			
62) 4-Bromofluorobenzene	11.079	95	277770	150.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 300.620%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	210482	158.140	ug/l	96
3) Chloromethane	1.294	50	223180	146.826	ug/l	99
4) Vinyl Chloride	1.374	62	215317	150.098	ug/l	99
5) Bromomethane	1.599	94	111895	136.707	ug/l	98
6) Chloroethane	1.666	64	118288	145.341	ug/l	99
7) Trichlorofluoromethane	1.880	101	315881	152.647	ug/l	100
8) Diethyl Ether	2.136	74	113143	147.951	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	190120	148.193	ug/l	97
10) Methyl Iodide	2.447	142	225545	166.648	ug/l	95
11) Tert butyl alcohol	2.989	59	311000	693.306	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	186423	150.568	ug/l	97
13) Acrolein	2.239	56	193814	731.898	ug/l	100
14) Allyl chloride	2.660	41	371771	152.561	ug/l	97
15) Acrylonitrile	3.069	53	660088	712.379	ug/l	98
16) Acetone	2.380	43	667569	688.827	ug/l	94
17) Carbon Disulfide	2.508	76	546679	153.620	ug/l	100
18) Methyl Acetate	2.703	43	295789	145.885	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	658813	149.880	ug/l	98
20) Methylene Chloride	2.788	84	212302	144.826	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	195919	150.366	ug/l	99
22) Diisopropyl ether	3.764	45	686884	147.704	ug/l	89
23) Vinyl Acetate	3.721	43	3325081	769.195	ug/l	99
24) 1,1-Dichloroethane	3.605	63	385295	150.601	ug/l	99
25) 2-Butanone	4.556	43	998743	717.119	ug/l	99
26) 2,2-Dichloropropane	4.471	77	321927	156.784	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	226692	151.694	ug/l	99
28) Bromochloromethane	4.897	49	175486	151.322	ug/l	94
29) Tetrahydrofuran	5.001	42	642148	716.352	ug/l	100
30) Chloroform	5.099	83	389248	154.122	ug/l	97
31) Cyclohexane	5.471	56	341788	150.285	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	342183	158.258	ug/l	99
36) 1,1-Dichloropropene	5.690	75	287245	147.283	ug/l	100
37) Ethyl Acetate	4.715	43	377108	144.940	ug/l	100
38) Carbon Tetrachloride	5.678	117	285480	159.821	ug/l	99
39) Methylcyclohexane	7.379	83	354681	151.448	ug/l	99
40) Benzene	6.037	78	818981	148.299	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	198467	155.988	ug/l	95
42) 1,2-Dichloroethane	6.086	62	323929	154.284	ug/l	99
43) Isopropyl Acetate	6.342	43	604272	158.321	ug/l	99
44) Trichloroethene	7.123	130	203538	150.386	ug/l	93
45) 1,2-Dichloropropane	7.428	63	220449	148.806	ug/l	100
46) Dibromomethane	7.580	93	157267	153.695	ug/l	96
47) Bromodichloromethane	7.818	83	304541	160.699	ug/l	98
48) Methyl methacrylate	7.690	41	293409	156.395	ug/l	95
49) 1,4-Dioxane	7.659	88	104901	2889.735	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	1898552	722.254	ug/l	99
52) Toluene	8.720	92	497401	150.793	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	345502	171.812	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	363182	164.249	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	208788	148.669	ug/l	94
56) Ethyl methacrylate	9.116	69	370813	163.142	ug/l	97
57) 1,3-Dichloropropane	9.305	76	358703	150.720	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	824032	766.994	ug/l	95
59) 2-Hexanone	9.433	43	1543270	741.804	ug/l	99
60) Dibromochloromethane	9.519	129	224499	169.509	ug/l	100
61) 1,2-Dibromoethane	9.610	107	225801	155.262	ug/l	99
64) Tetrachloroethene	9.275	164	158320	140.973	ug/l	97
65) Chlorobenzene	10.079	112	522977	145.396	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	194226	158.582	ug/l	99
67) Ethyl Benzene	10.195	91	993409	148.761	ug/l	100
68) m/p-Xylenes	10.299	106	720581	293.407	ug/l	95
69) o-Xylene	10.640	106	358902	147.566	ug/l	94
70) Styrene	10.653	104	606375	152.625	ug/l	97
71) Bromoform	10.799	173	160897	174.952	ug/l #	100
73) Isopropylbenzene	10.963	105	961132	148.285	ug/l	100
74) N-amyl acetate	10.842	43	563503	166.786	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	359658	145.313	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	302337m	143.243	ug/l	
77) Bromobenzene	11.195	156	214112	148.363	ug/l	93
78) n-propylbenzene	11.305	91	1193016	152.074	ug/l	97
79) 2-Chlorotoluene	11.366	91	706187	145.647	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	827539	150.326	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	126011	150.124	ug/l	94
82) 4-Chlorotoluene	11.457	91	819916	149.083	ug/l	98
83) tert-Butylbenzene	11.713	119	811250	154.358	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	842564	153.413	ug/l	99
85) sec-Butylbenzene	11.890	105	1053466	154.413	ug/l	98
86) p-Isopropyltoluene	12.006	119	857313	157.228	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	416167	150.437	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	415259	145.338	ug/l	98
89) n-Butylbenzene	12.329	91	854675	162.288	ug/l	97
90) Hexachloroethane	12.536	117	162470	176.622	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	392886	143.655	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	98417	162.272	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	263225	157.493	ug/l	98
94) Hexachlorobutadiene	13.725	225	108590	156.297	ug/l	98
95) Naphthalene	13.774	128	971438	157.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	262307	155.505	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

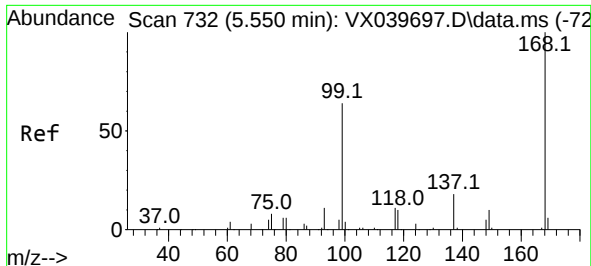
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 01/11/2024

Quant Time: Jan 11 03:34:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:21:23 2024
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# 732
Delta R.T. -0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

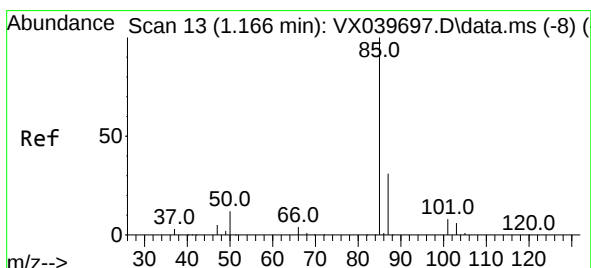
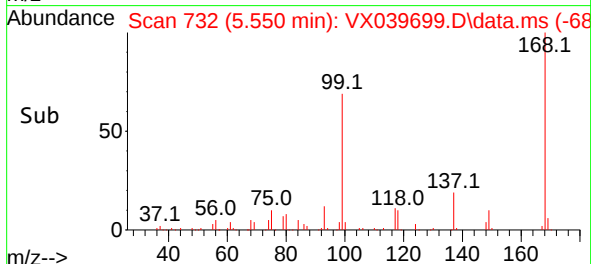
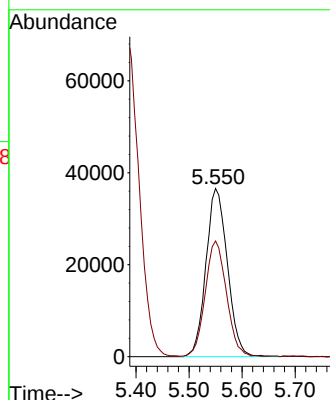
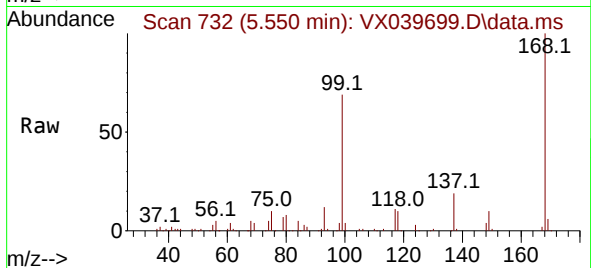
Tgt Ion:168 Resp: 10287
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0

Manual Integrations

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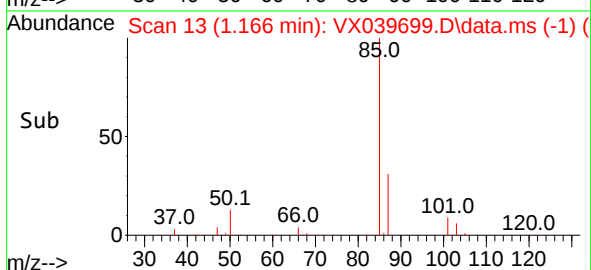
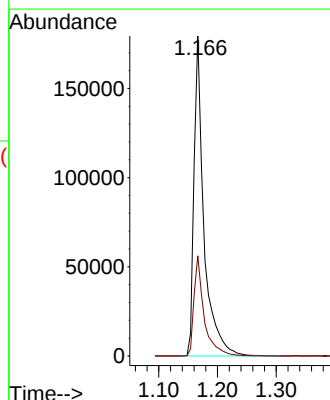
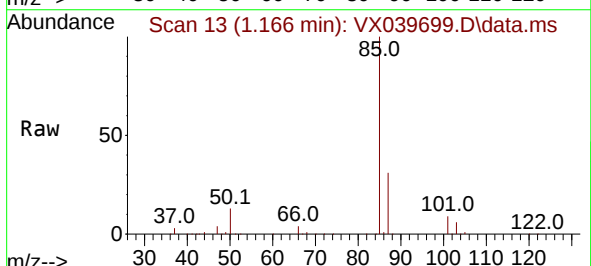
Reviewed By :John Carlone 01/11/2024

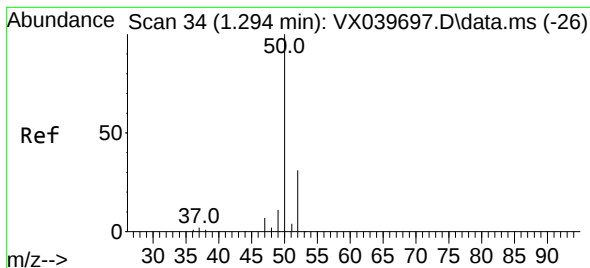
Supervised By :Mahesh Dadoda 01/11/2024



#2
Dichlorodifluoromethane
Concen: 158.140 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

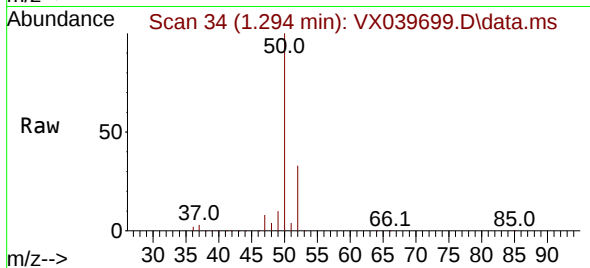
Tgt Ion: 85 Resp: 210482
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.1





#3
Chloromethane
Concen: 146.826 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

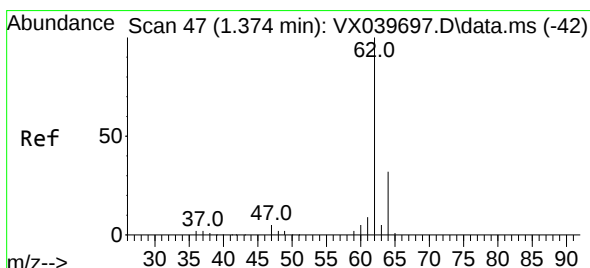
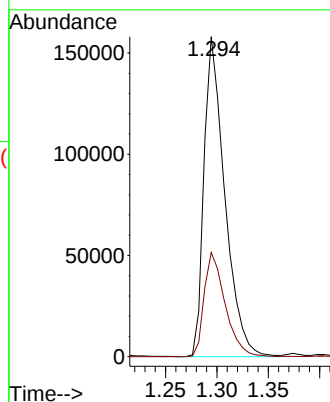
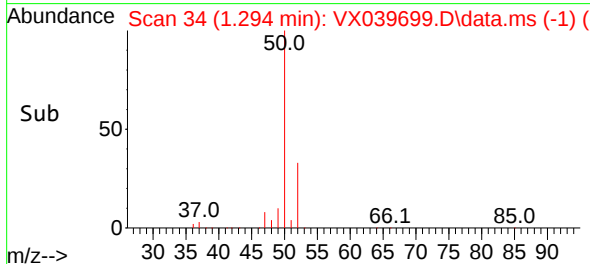
Instrument :
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VSTDICC150



Tgt Ion: 50 Resp: 223180
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

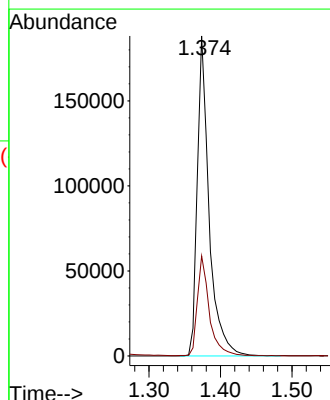
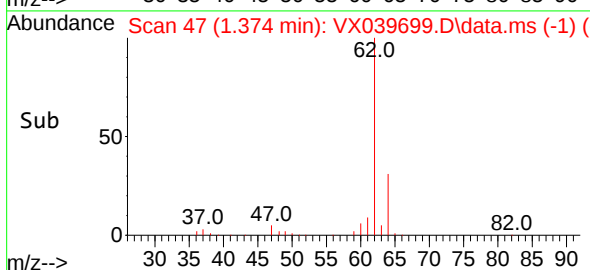
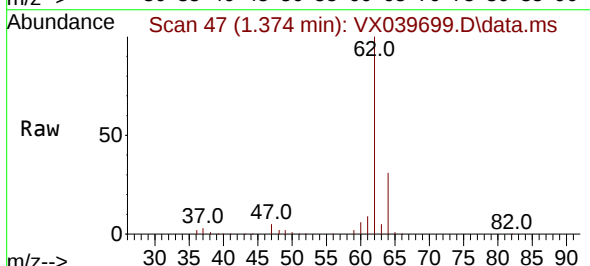
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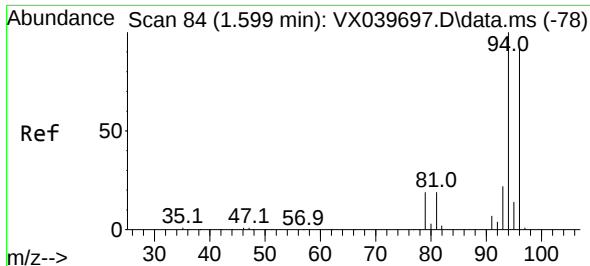
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#4
Vinyl Chloride
Concen: 150.098 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

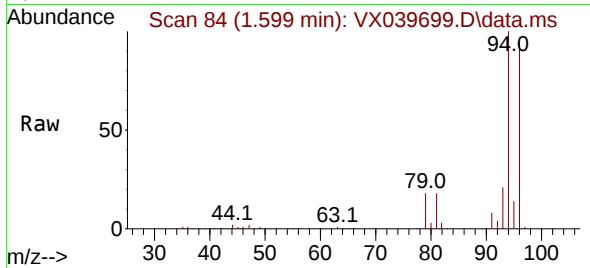
Tgt Ion: 62 Resp: 215317
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 136.707 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

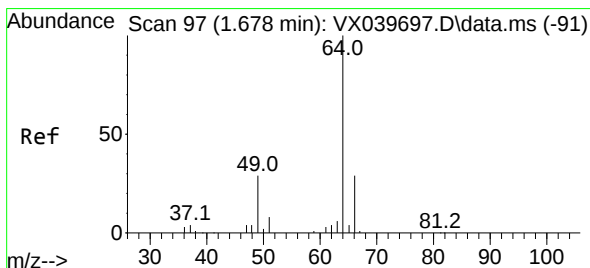
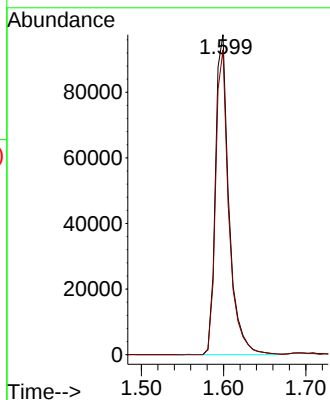
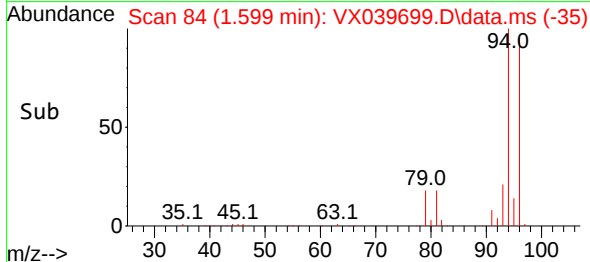
Instrument :
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Tgt Ion: 94 Resp: 111895
Ion Ratio Lower Upper
94 100
96 95.2 74.6 111.8

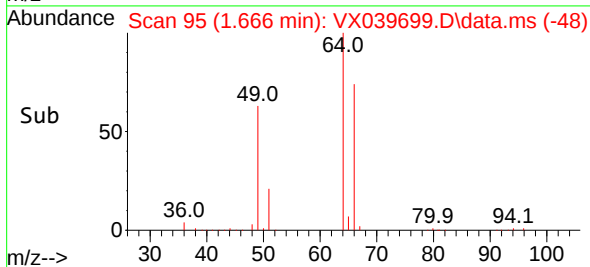
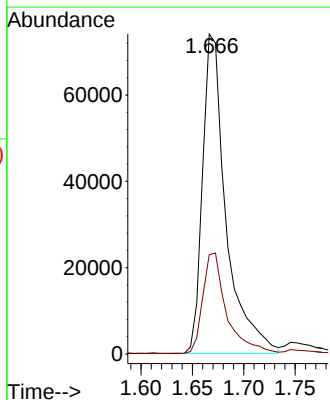
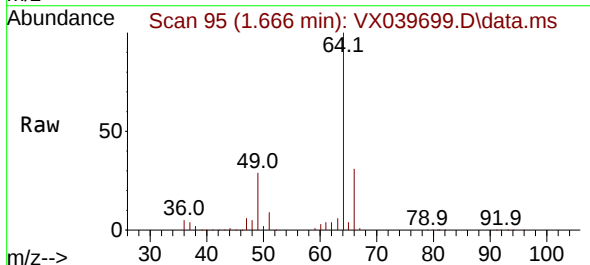
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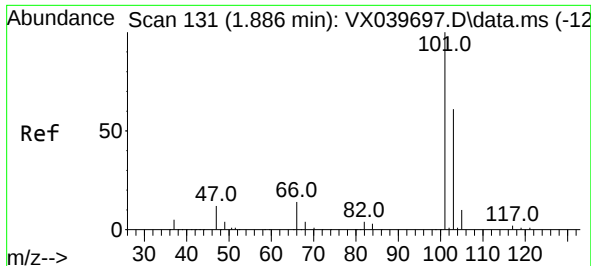
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#6
Chloroethane
Concen: 145.341 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 64 Resp: 118288
Ion Ratio Lower Upper
64 100
66 30.9 25.1 37.7





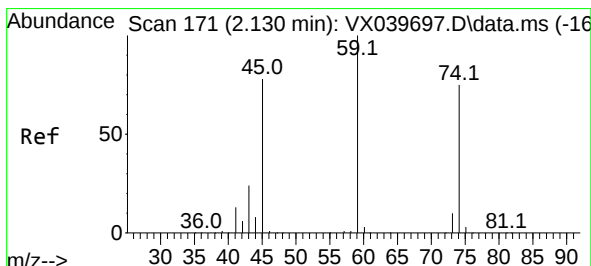
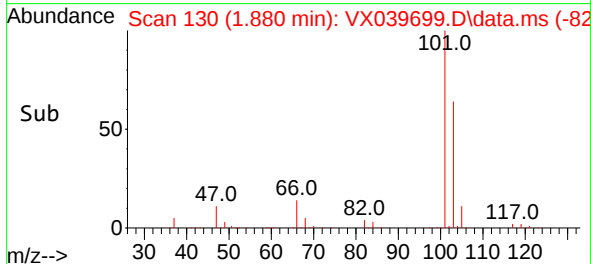
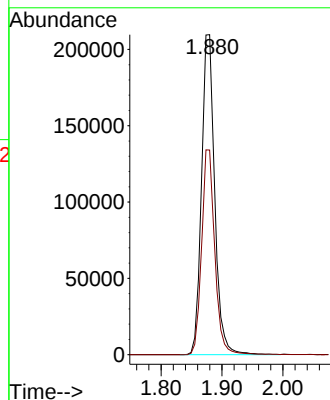
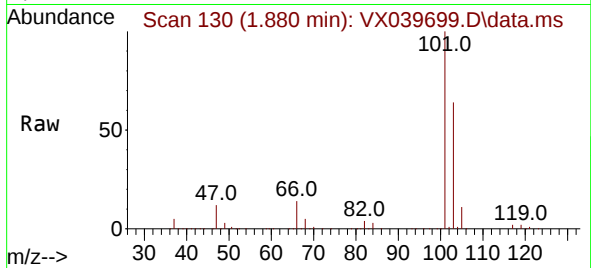
#7
Trichlorofluoromethane
Concen: 152.647 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 31588
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

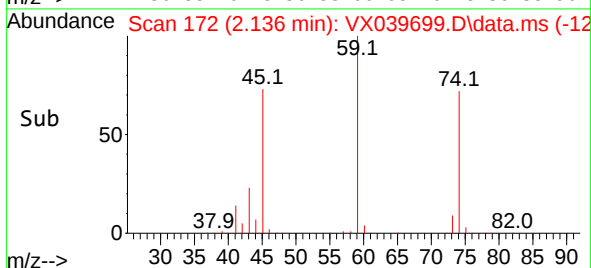
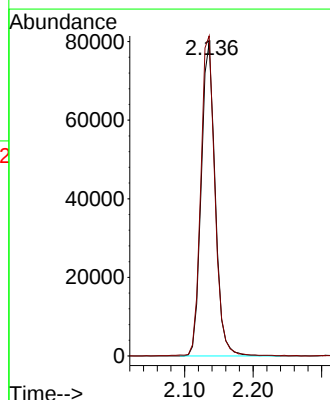
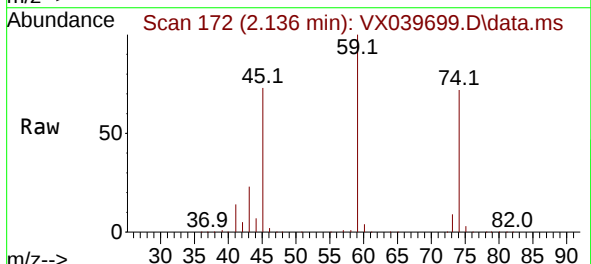
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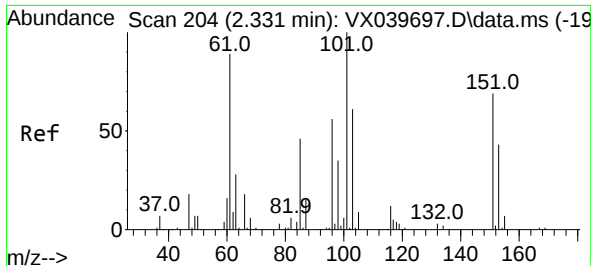
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#8
Diethyl Ether
Concen: 147.951 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 74 Resp: 113143
Ion Ratio Lower Upper
74 100
45 103.8 53.3 159.8





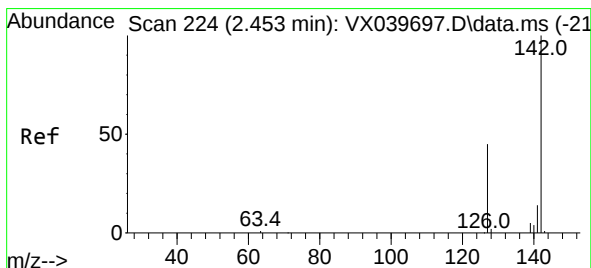
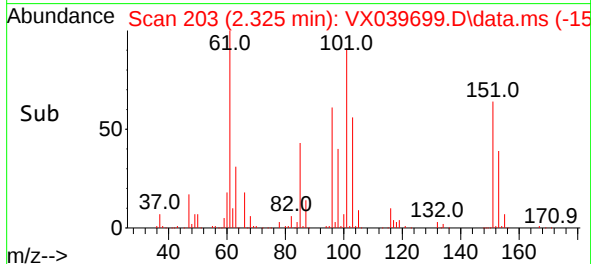
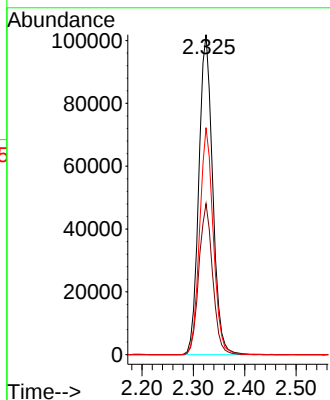
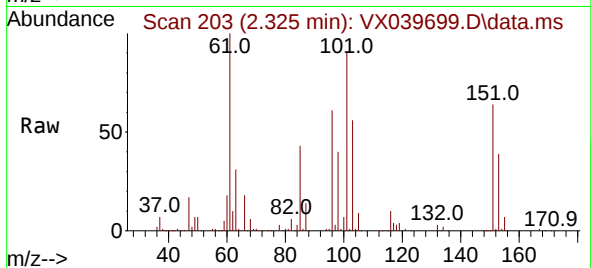
#9
1,1,2-Trichlorotrifluoroethane
Concen: 148.193 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 190120
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 70.0 58.6 87.8

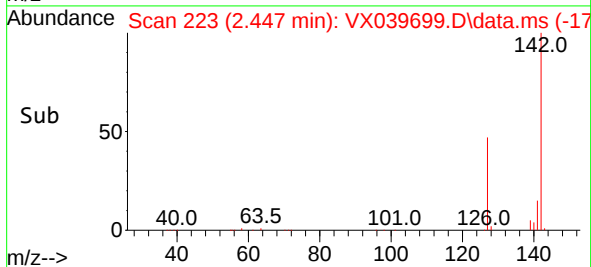
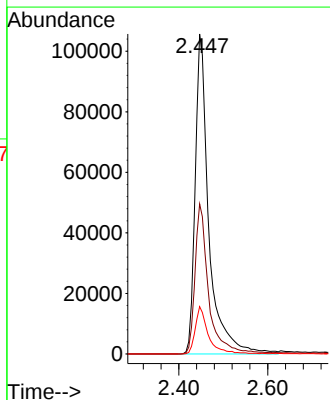
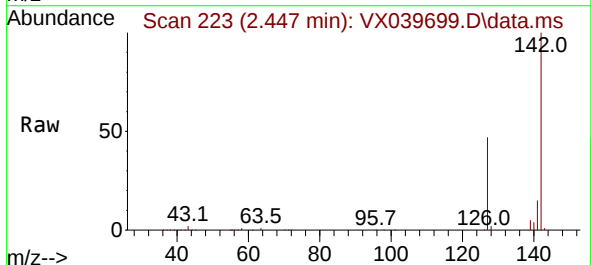
Manual Integrations
APPROVED

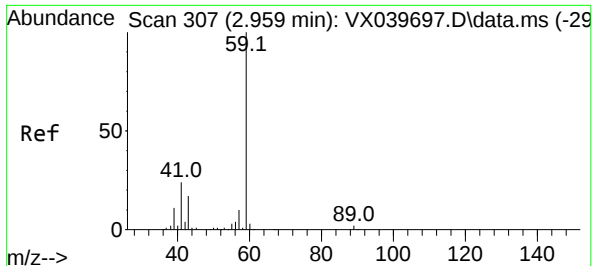
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#10
Methyl Iodide
Concen: 166.648 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion:142 Resp: 225545
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 693.306 ug/l

RT: 2.989 min Scan# 312

Delta R.T. 0.031 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 59 Resp: 311000

Ion Ratio Lower Upper

59 100

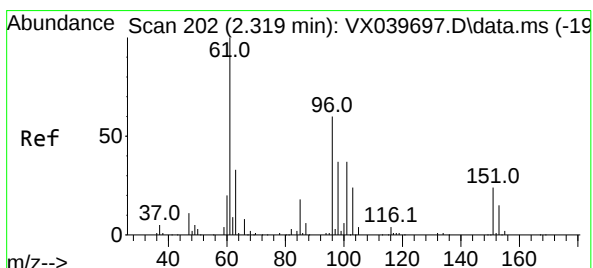
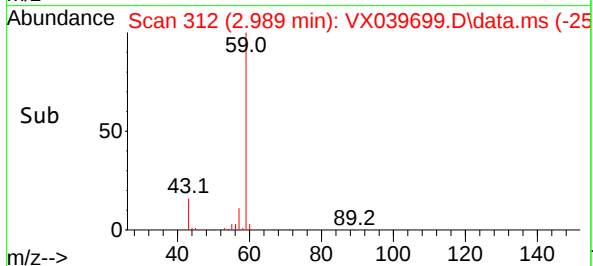
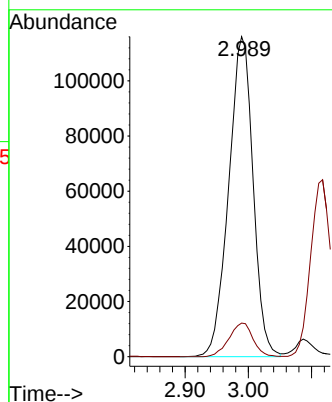
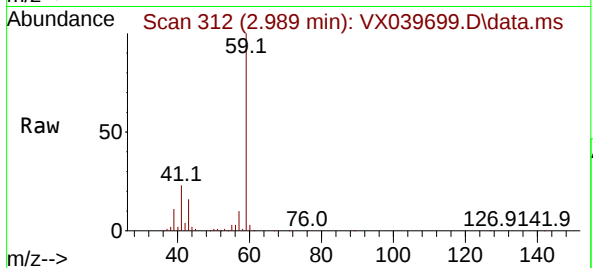
57 10.4 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#12

1,1-Dichloroethene

Concen: 150.568 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

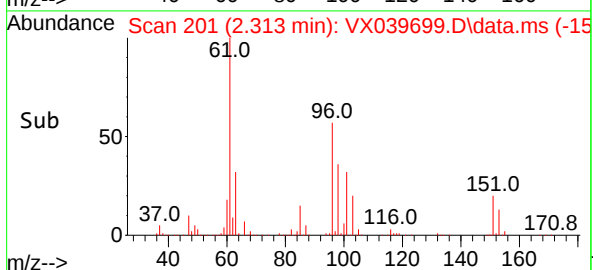
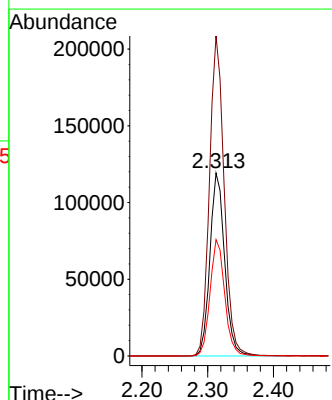
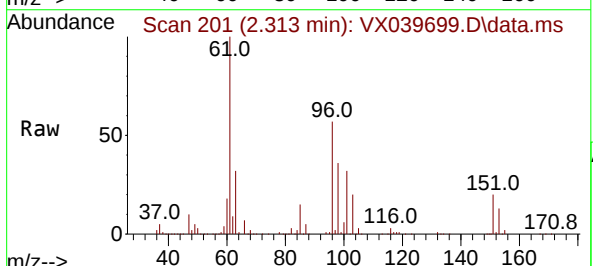
Tgt Ion: 96 Resp: 186423

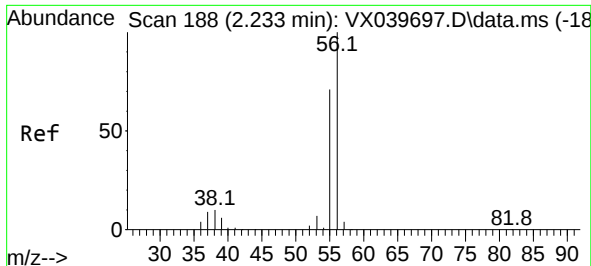
Ion Ratio Lower Upper

96 100

61 175.0 144.6 216.8

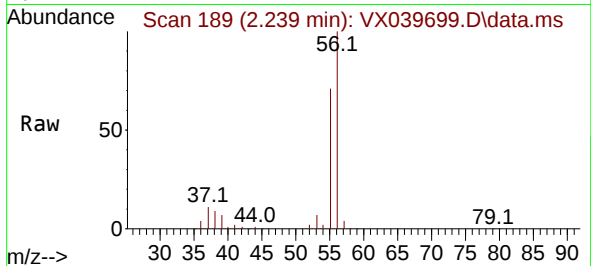
98 63.6 50.4 75.6





#13
Acrolein
Concen: 731.898 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

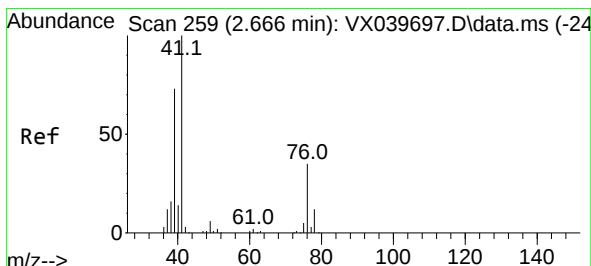
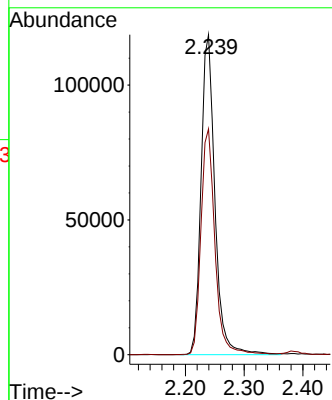
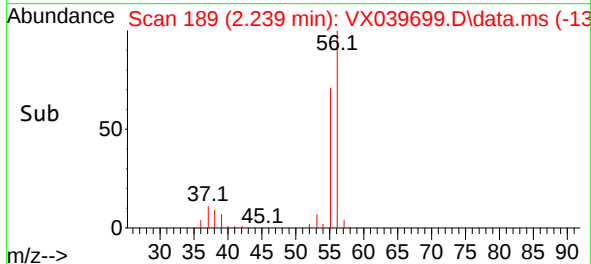
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 193814
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

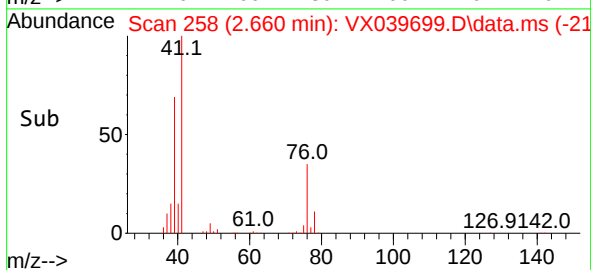
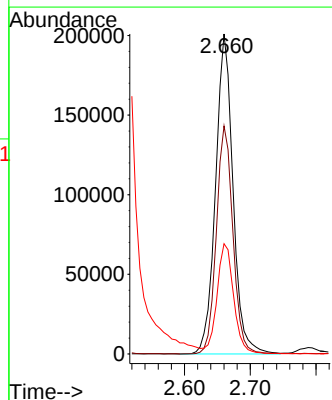
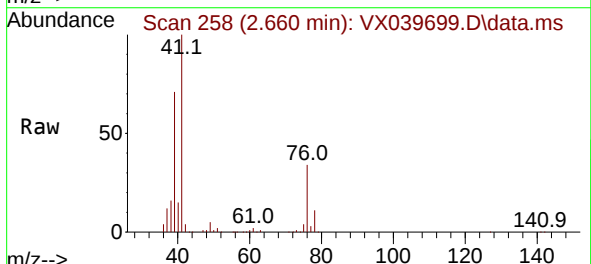
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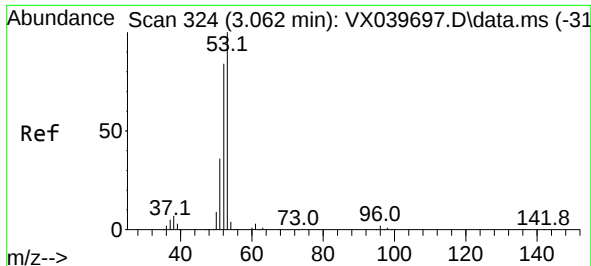
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#14
Allyl chloride
Concen: 152.561 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 41 Resp: 371771
Ion Ratio Lower Upper
41 100
39 67.5 55.8 83.6
76 33.2 24.3 36.5





#15

Acrylonitrile

Concen: 712.379 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX039699.D

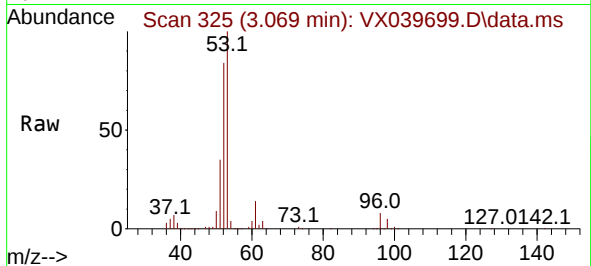
Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150



Tgt Ion: 53 Resp: 660088

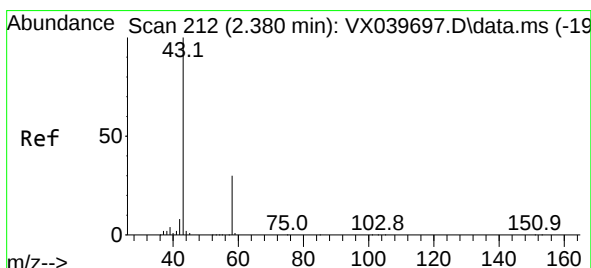
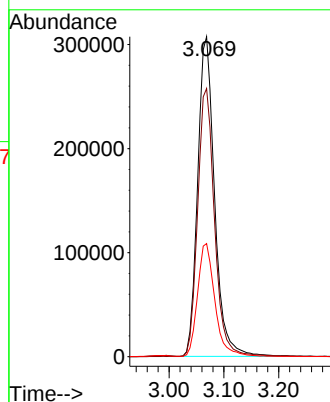
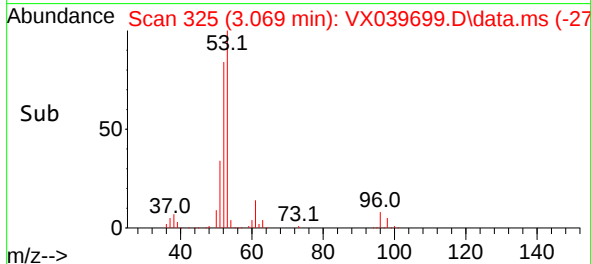
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.0	99.0
51	36.3	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#16

Acetone

Concen: 688.827 ug/l

RT: 2.380 min Scan# 212

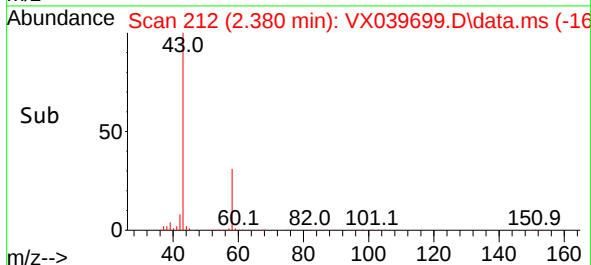
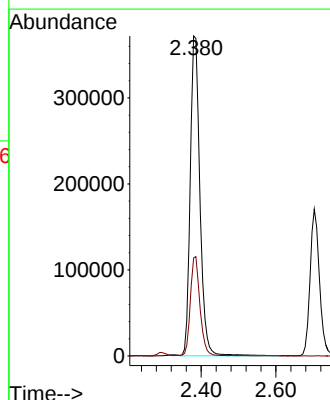
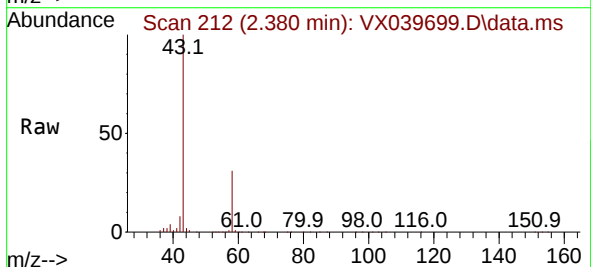
Delta R.T. 0.000 min

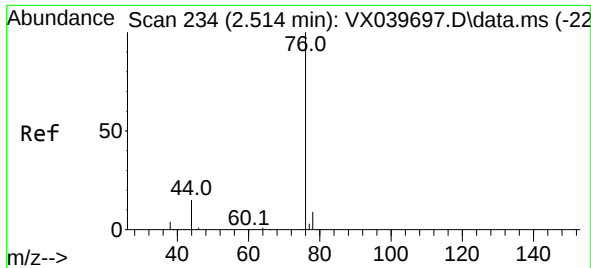
Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Tgt Ion: 43 Resp: 667569

Ion	Ratio	Lower	Upper
43	100		
58	30.7	21.9	32.9





#17

Carbon Disulfide

Concen: 153.620 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 546679

Ion Ratio Lower Upper

76 100

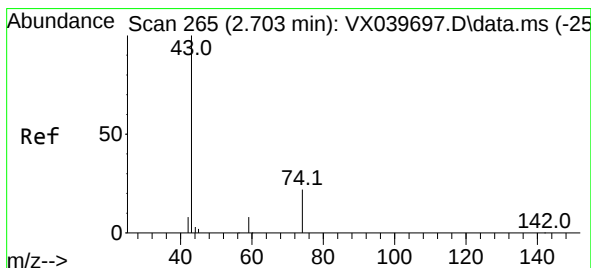
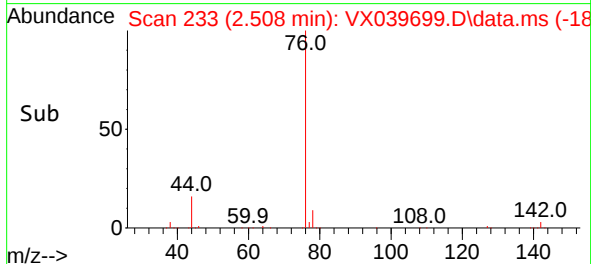
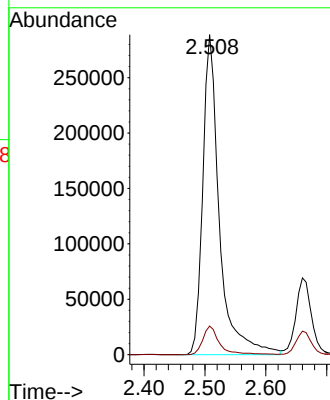
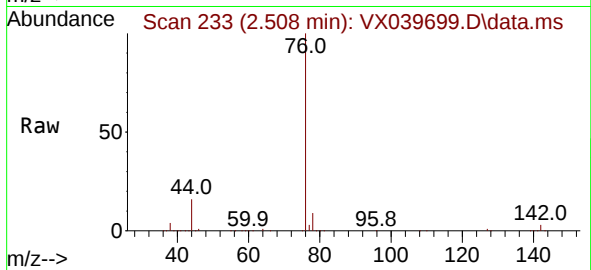
78 9.0 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#18

Methyl Acetate

Concen: 145.885 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX039699.D

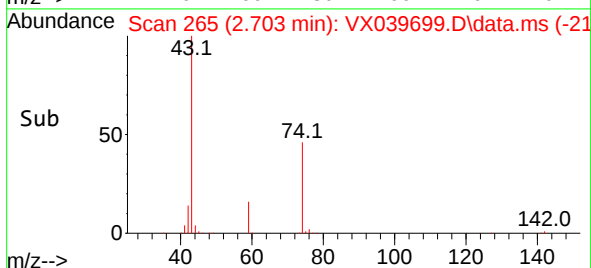
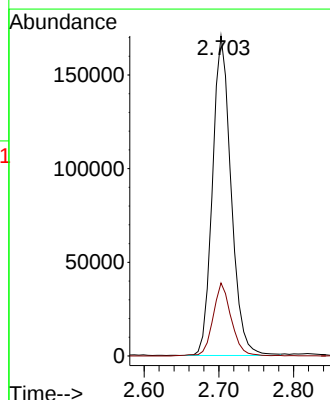
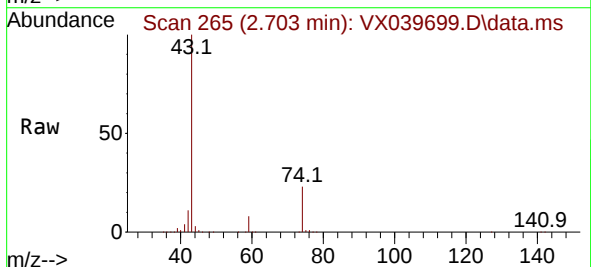
Acq: 10 Jan 2024 12:44

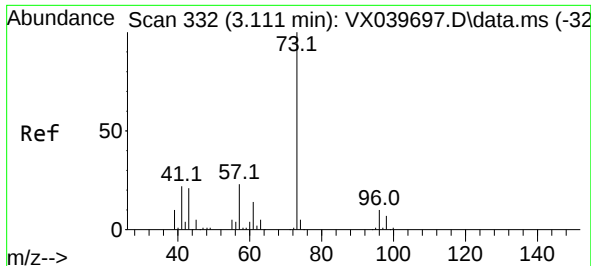
Tgt Ion: 43 Resp: 295789

Ion Ratio Lower Upper

43 100

74 22.6 17.8 26.8





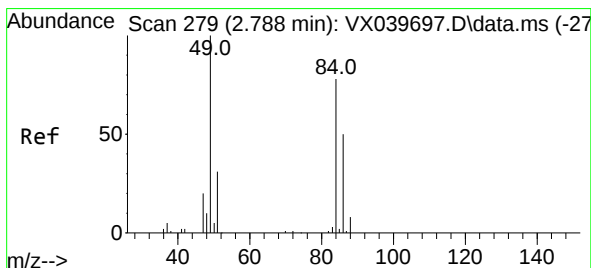
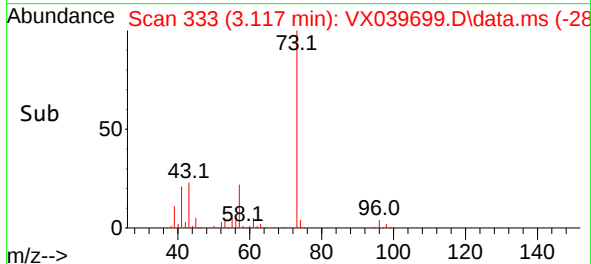
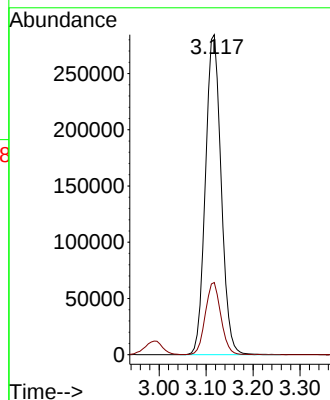
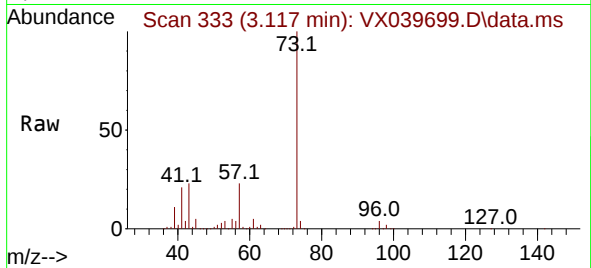
#19
Methyl tert-butyl Ether
Concen: 149.880 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 65881
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

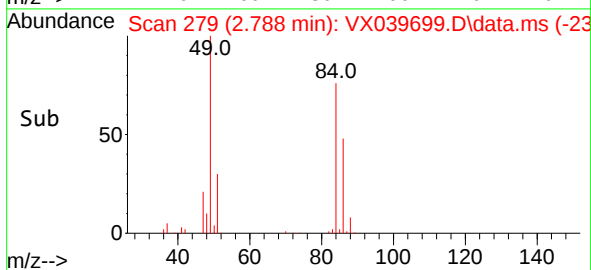
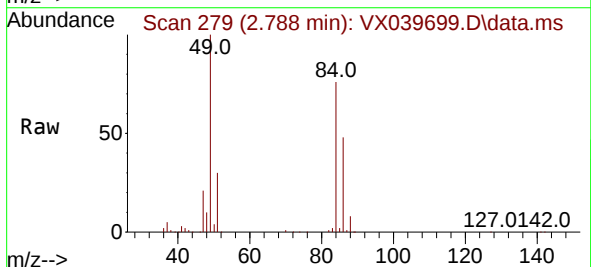
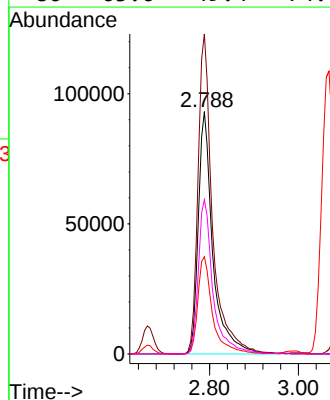
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#20
Methylene Chloride
Concen: 144.826 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

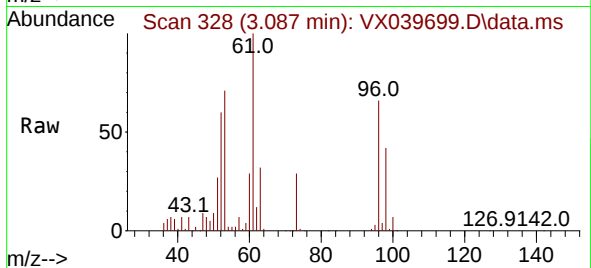
Tgt Ion: 84 Resp: 212302
Ion Ratio Lower Upper
84 100
49 132.0 103.6 155.4
51 40.1 33.8 50.6
86 63.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 150.366 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

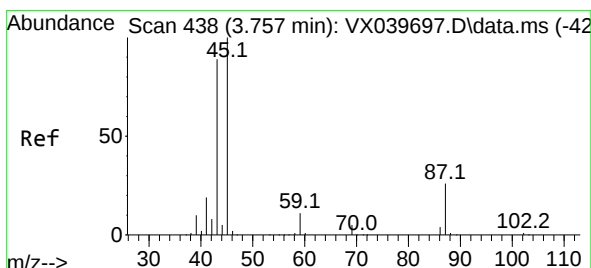
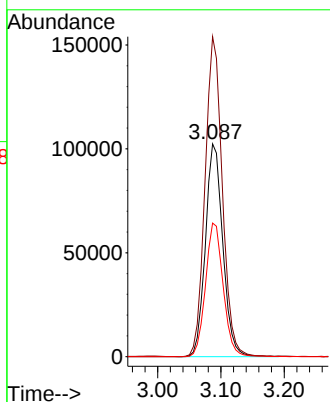
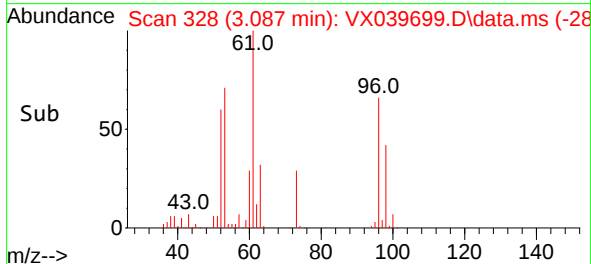
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 195919
Ion Ratio Lower Upper
96 100
61 150.4 119.2 178.8
98 62.8 48.7 73.1

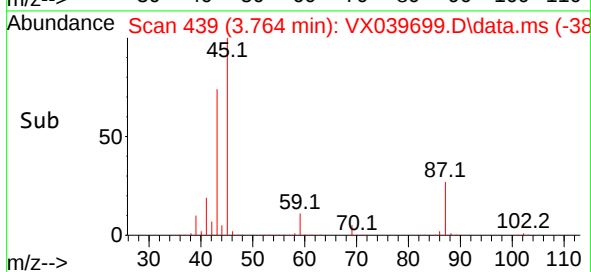
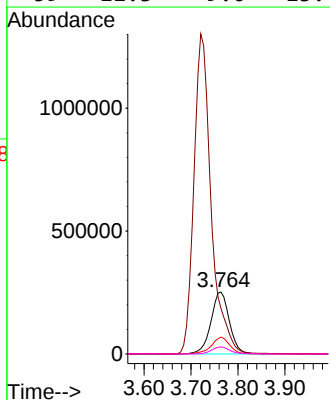
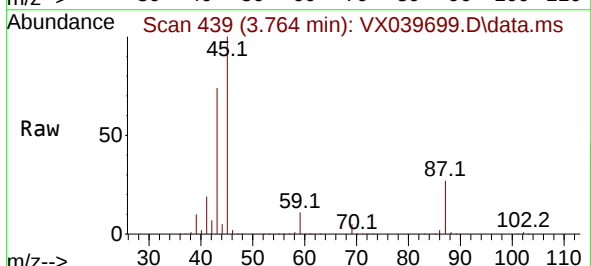
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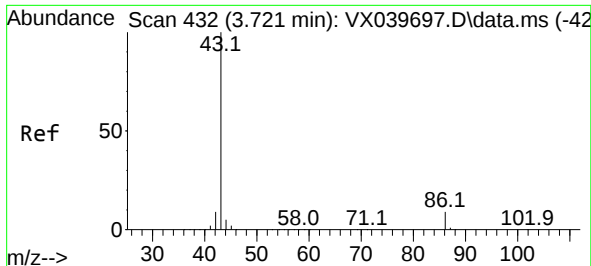
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#22
Diisopropyl ether
Concen: 147.704 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 45 Resp: 686884
Ion Ratio Lower Upper
45 100
43 73.2 69.7 104.5
87 27.2 20.8 31.2
59 11.3 9.0 13.4





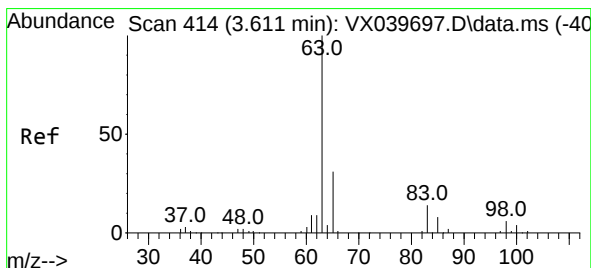
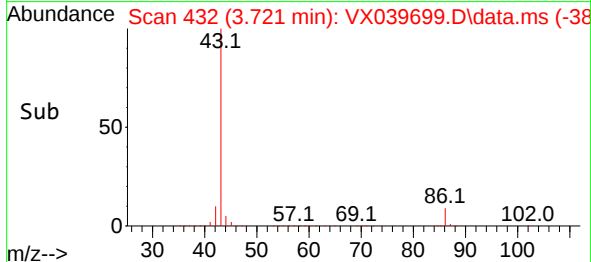
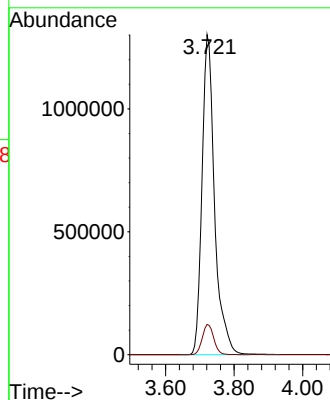
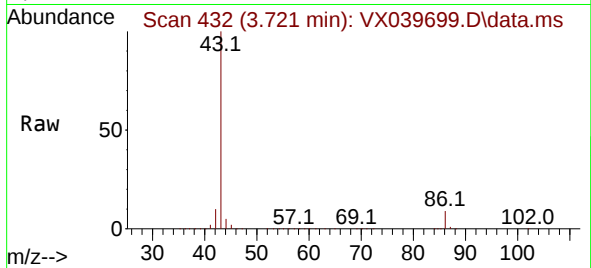
#23
 Vinyl Acetate
 Concen: 769.195 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039699.D
 Acq: 10 Jan 2024 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 332508
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

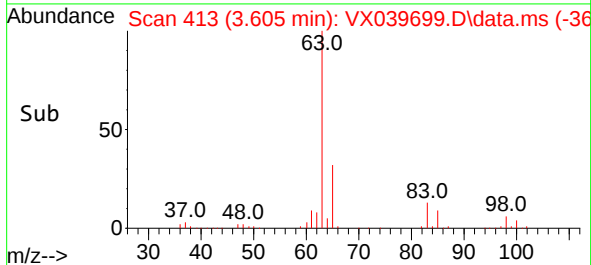
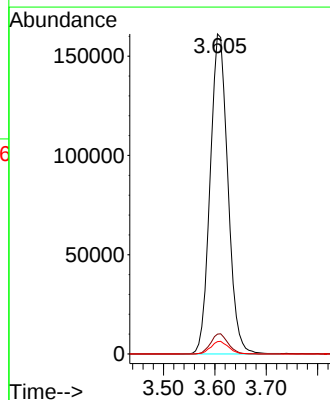
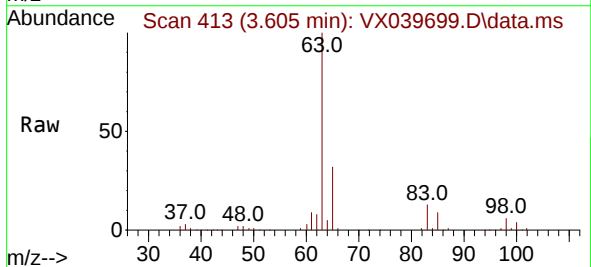
Manual Integrations
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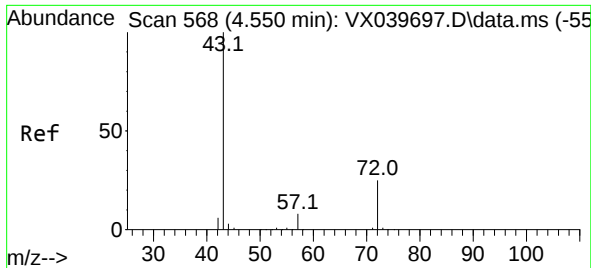
Reviewed By :John Carlone 01/11/2024
 Supervised By :Mahesh Dadoda 01/11/2024



#24
 1,1-Dichloroethane
 Concen: 150.601 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039699.D
 Acq: 10 Jan 2024 12:44

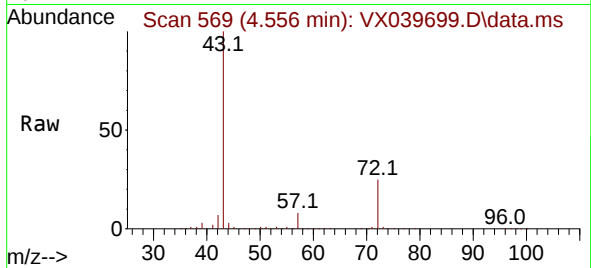
Tgt Ion: 63 Resp: 385295
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 717.119 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

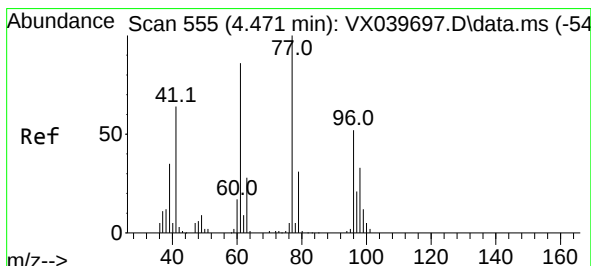
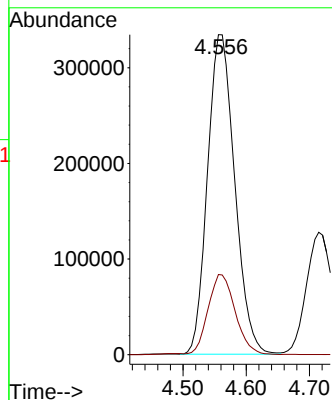
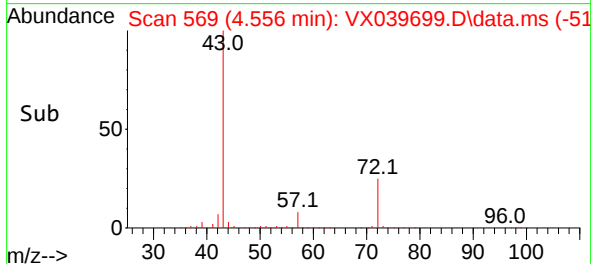
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 99874
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

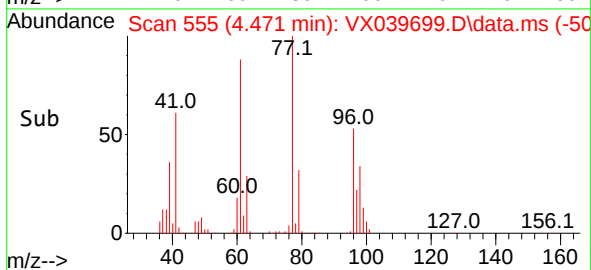
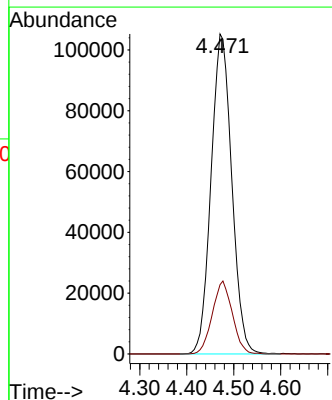
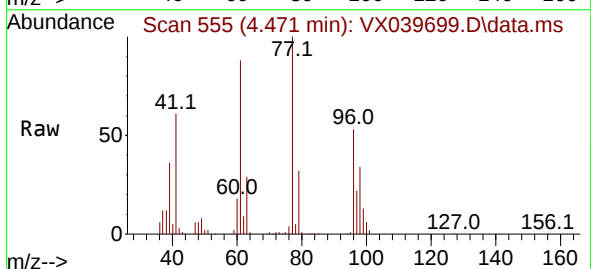
Manual Integrations
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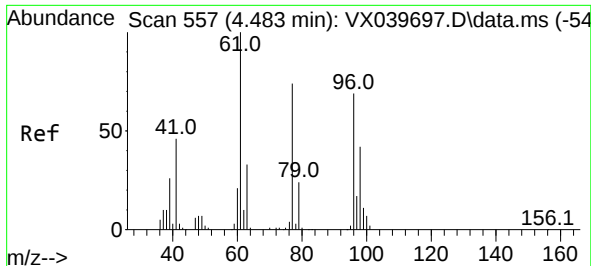
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#26
2,2-Dichloropropane
Concen: 156.784 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 77 Resp: 321927
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 151.694 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 226692

Ion Ratio Lower Upper

96 100

61 158.0 0.0 312.2

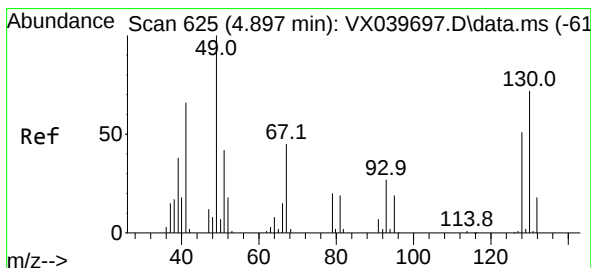
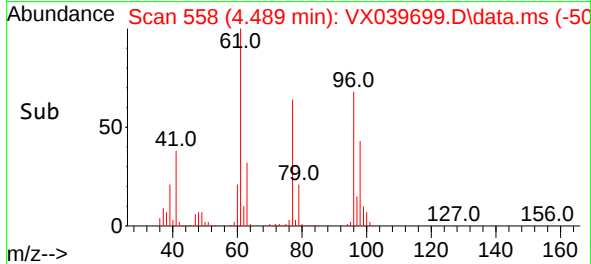
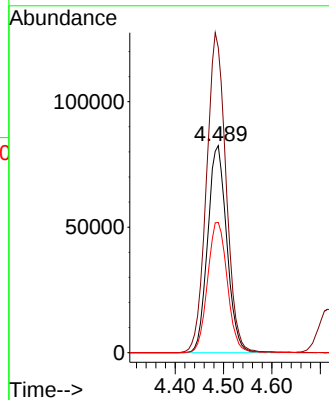
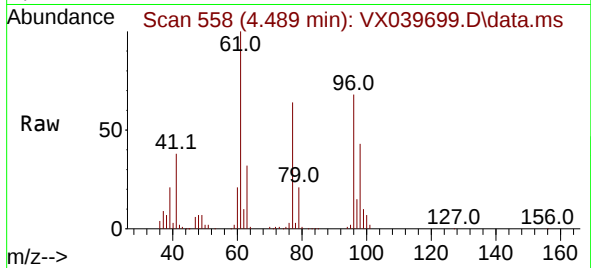
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#28

Bromochloromethane

Concen: 151.322 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

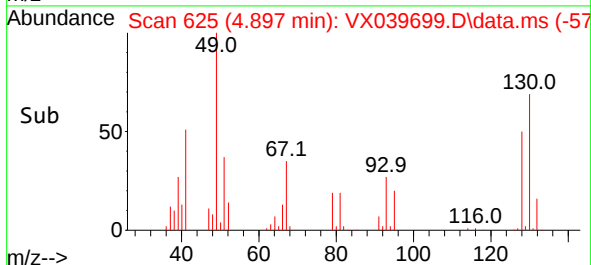
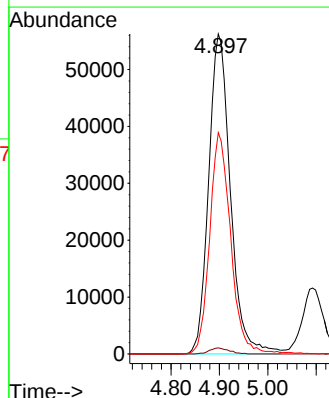
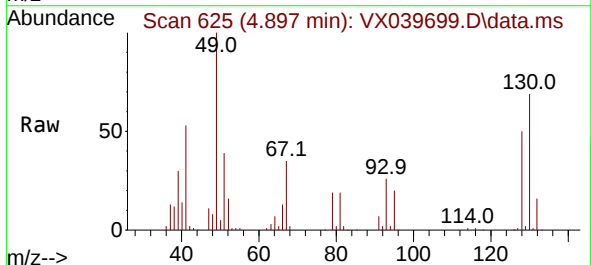
Tgt Ion: 49 Resp: 175486

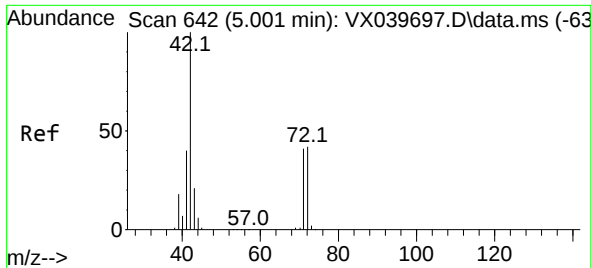
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 66.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 716.352 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 642148

Ion Ratio Lower Upper

42 100

72 42.9 34.2 51.4

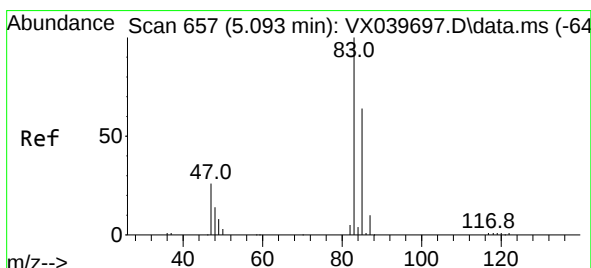
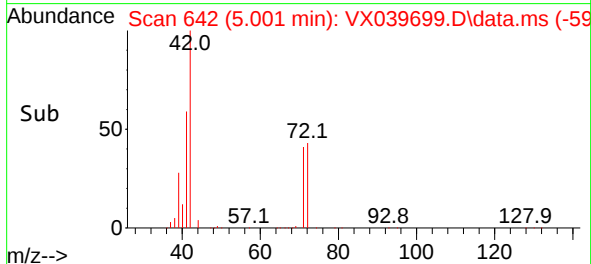
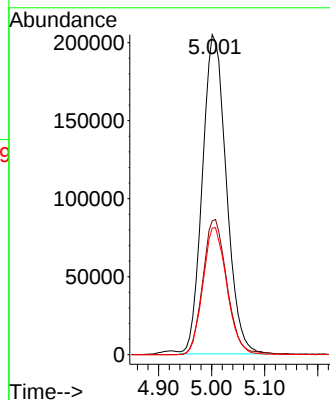
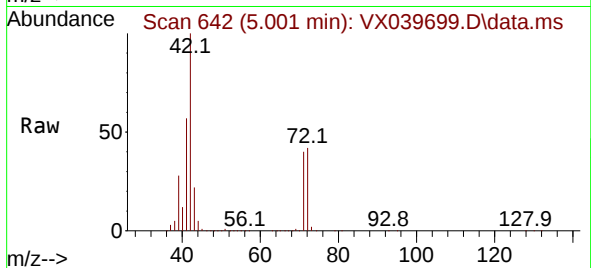
71 39.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#30

Chloroform

Concen: 154.122 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039699.D

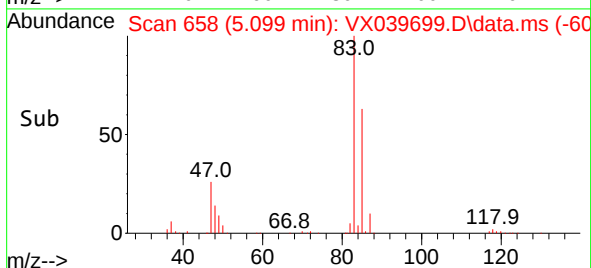
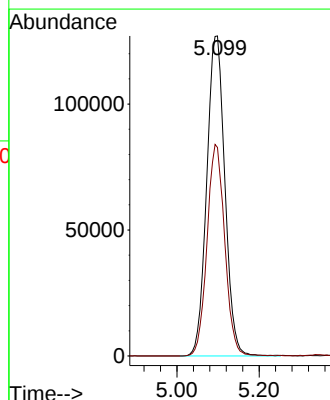
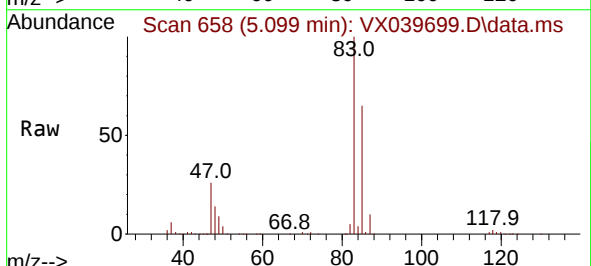
Acq: 10 Jan 2024 12:44

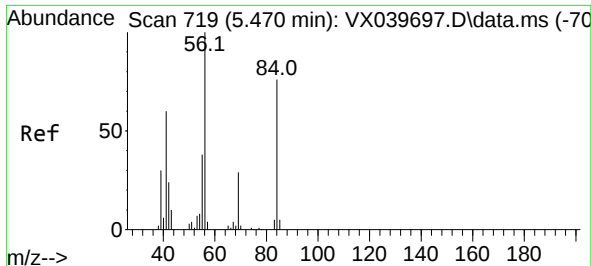
Tgt Ion: 83 Resp: 389248

Ion Ratio Lower Upper

83 100

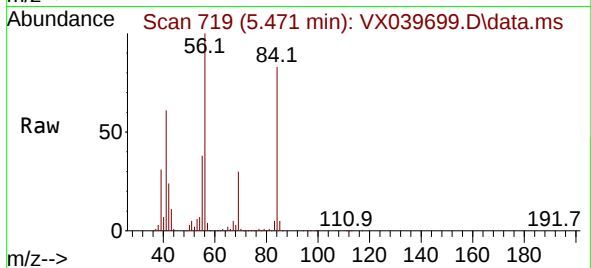
85 65.1 50.3 75.5





#31
Cyclohexane
Concen: 150.285 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

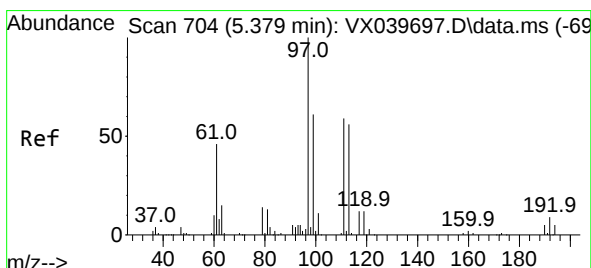
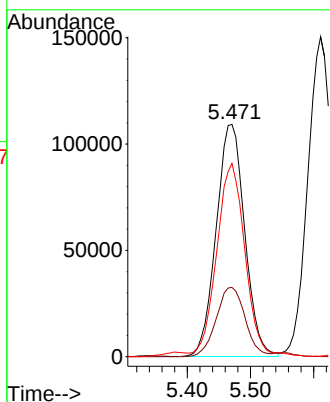
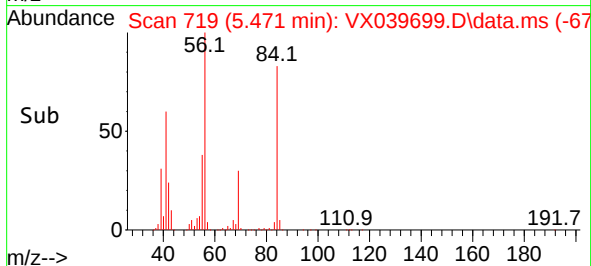
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 341788
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 81.6 65.9 98.9

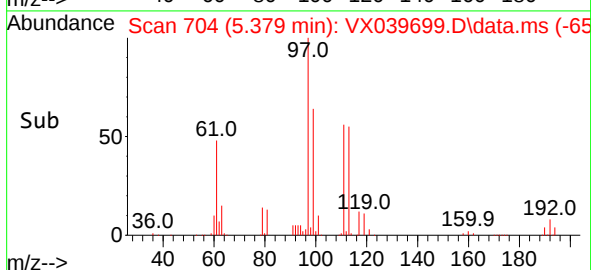
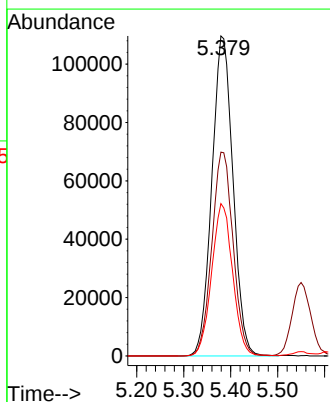
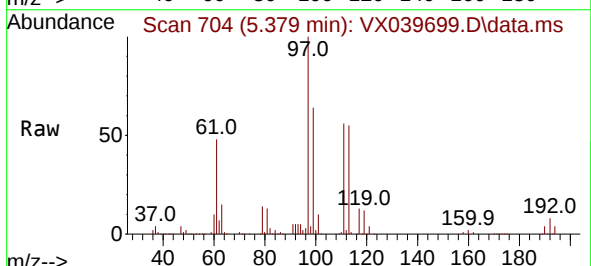
Manual Integrations
APPROVED

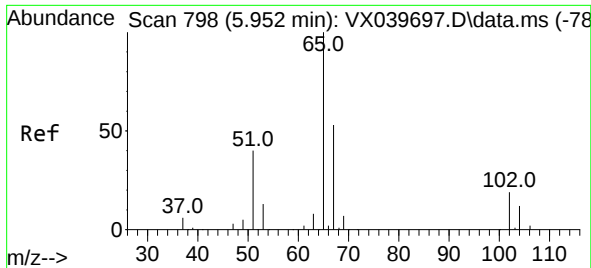
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#32
1,1,1-Trichloroethane
Concen: 158.258 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 97 Resp: 342183
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 47.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 147.040 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 25338

Ion Ratio Lower Upper

65 100

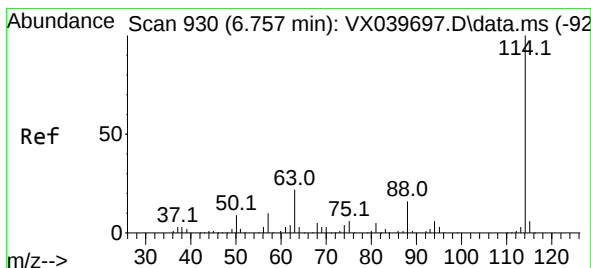
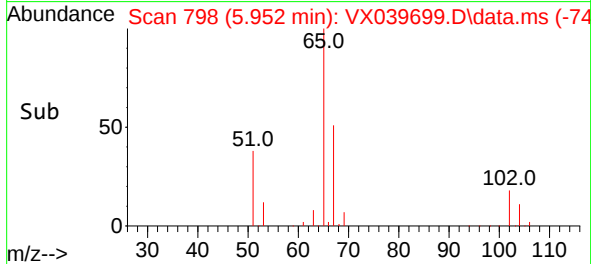
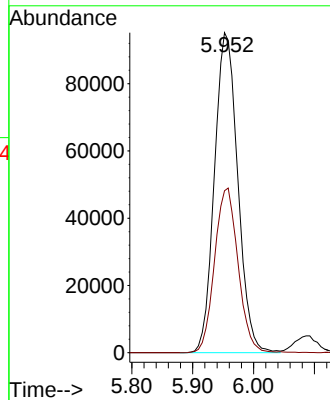
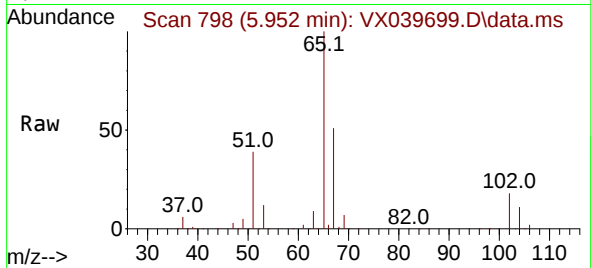
67 51.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

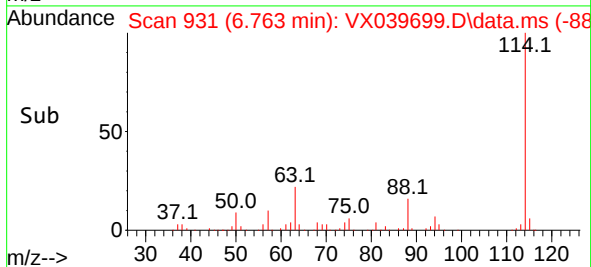
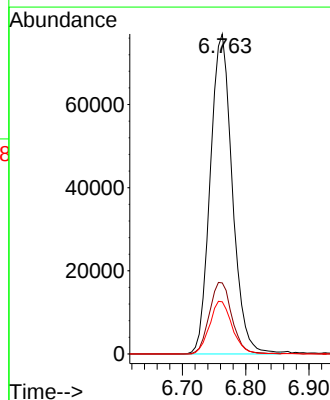
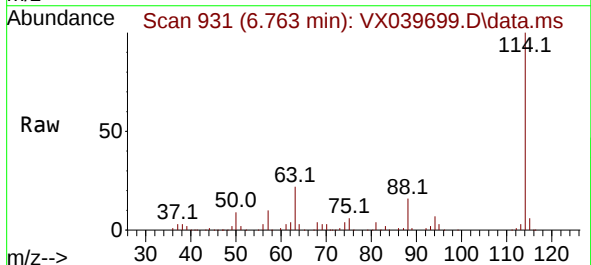
Tgt Ion:114 Resp: 186025

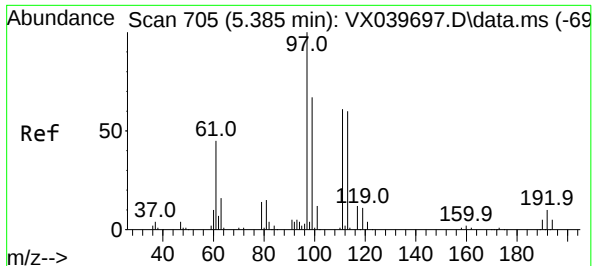
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 147.080 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039699.D

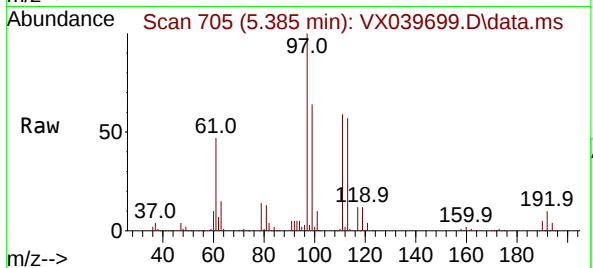
Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150



Tgt Ion:113 Resp: 184285

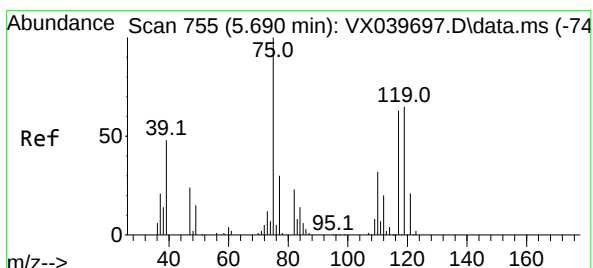
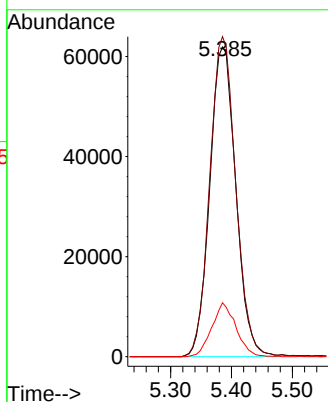
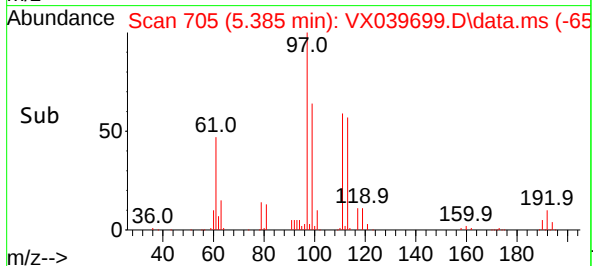
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	16.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#36

1,1-Dichloropropene

Concen: 147.283 ug/l

RT: 5.690 min Scan# 755

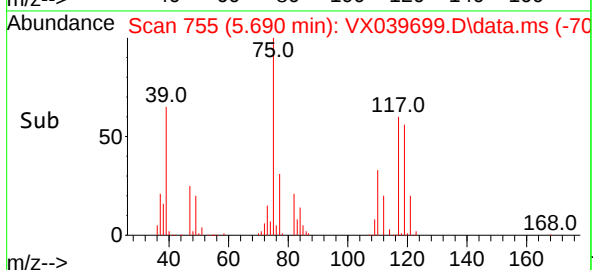
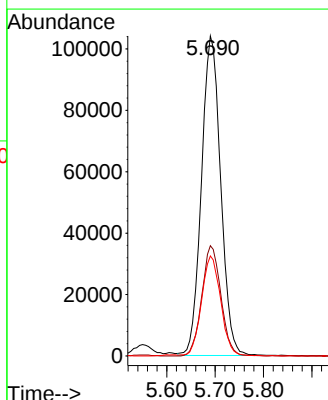
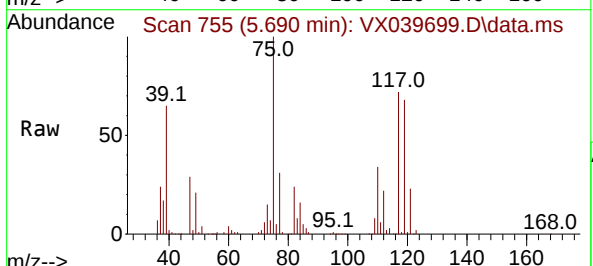
Delta R.T. 0.000 min

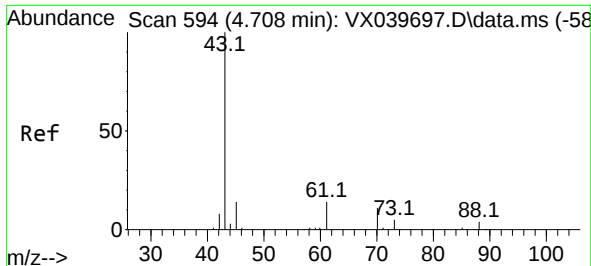
Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Tgt Ion: 75 Resp: 287245

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	50.9
77	30.9	24.7	37.1





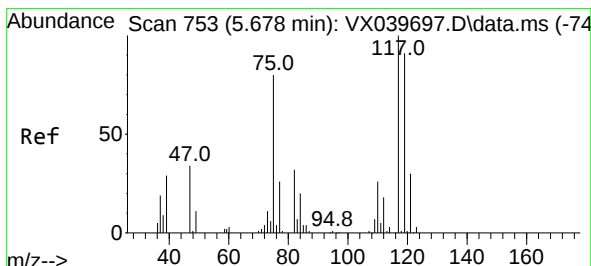
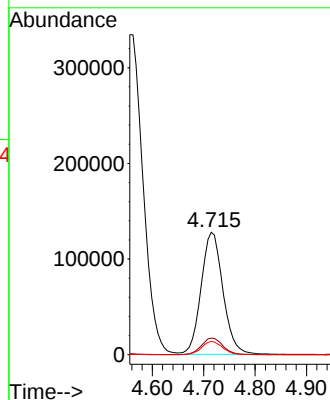
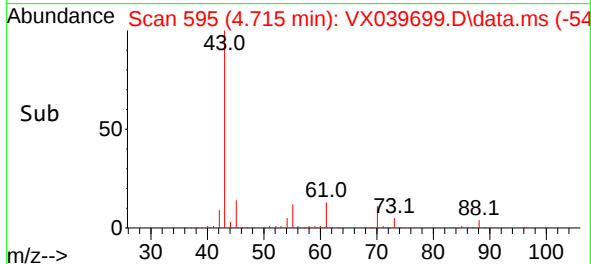
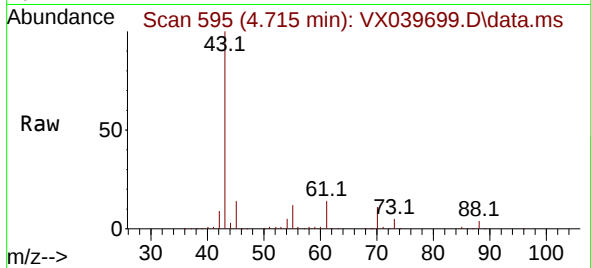
#37
Ethyl Acetate
Concen: 144.940 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 377108
Ion Ratio Lower Upper
43 100
61 13.1 10.6 16.0
70 10.4 8.3 12.5

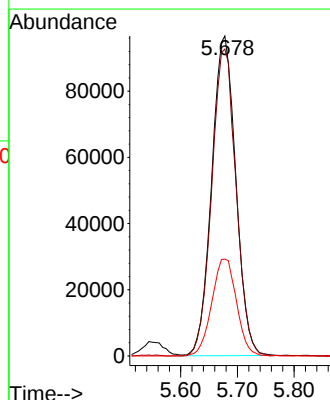
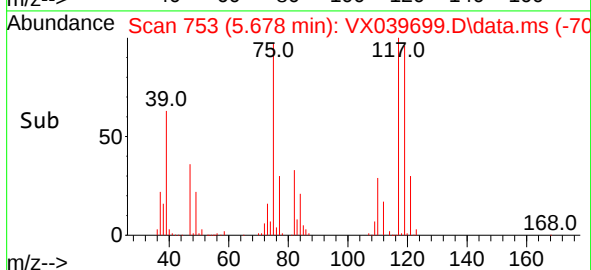
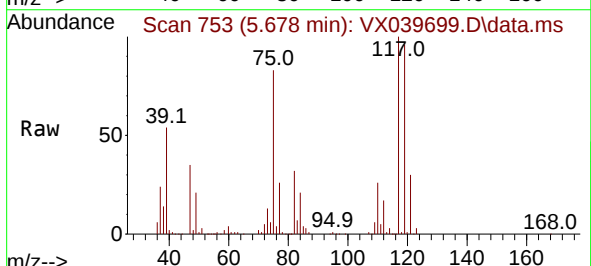
Manual Integrations
APPROVED

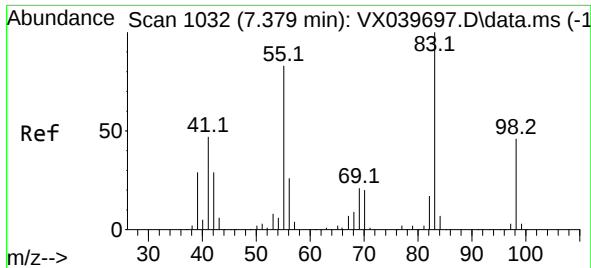
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#38
Carbon Tetrachloride
Concen: 159.821 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

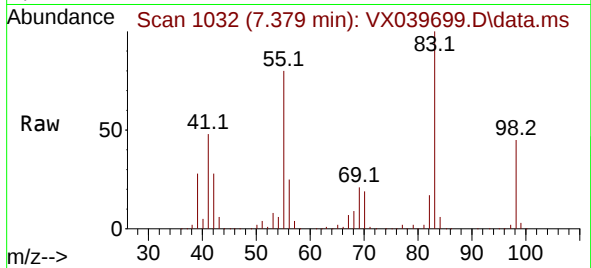
Tgt Ion:117 Resp: 285480
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 151.448 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

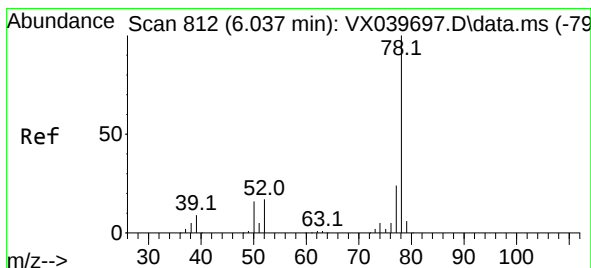
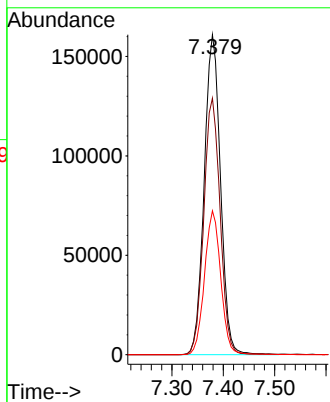
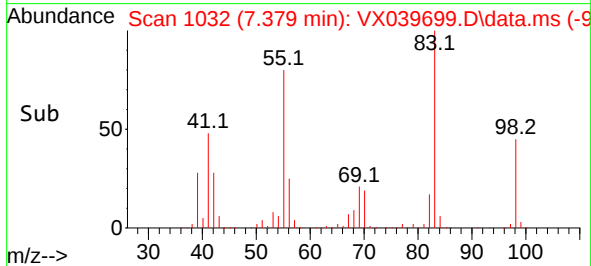
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 35468
Ion Ratio Lower Upper
83 100
55 80.1 64.6 97.0
98 45.0 36.7 55.1

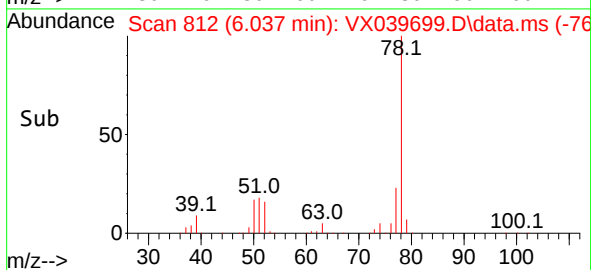
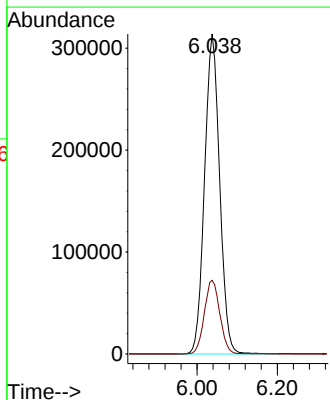
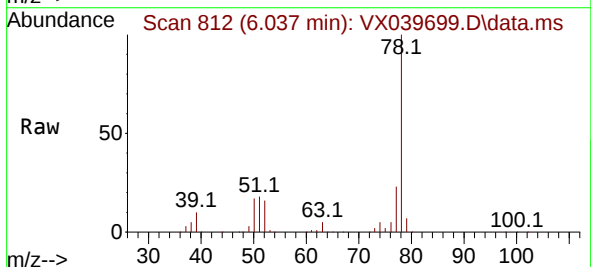
Manual Integrations
APPROVED

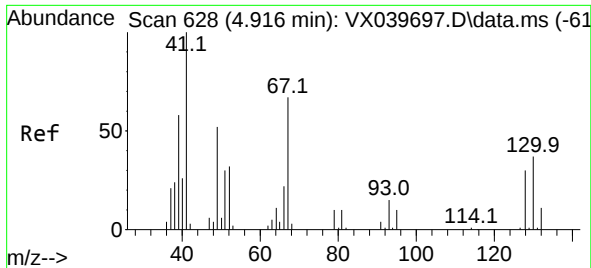
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#40
Benzene
Concen: 148.299 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 78 Resp: 818981
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 155.988 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

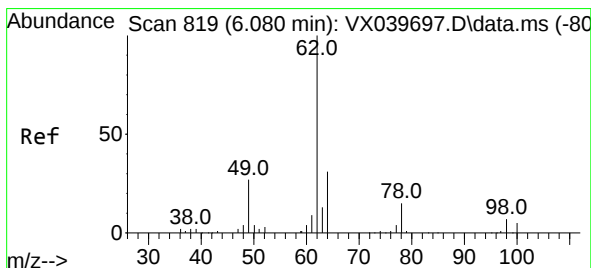
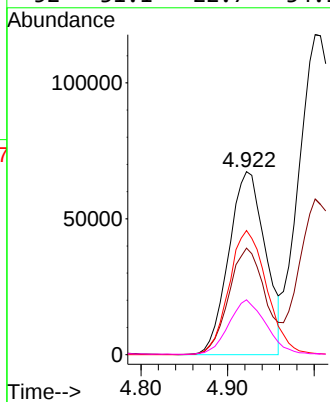
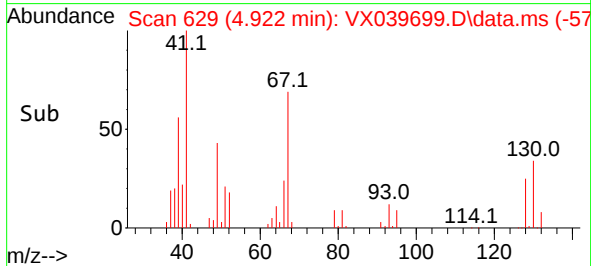
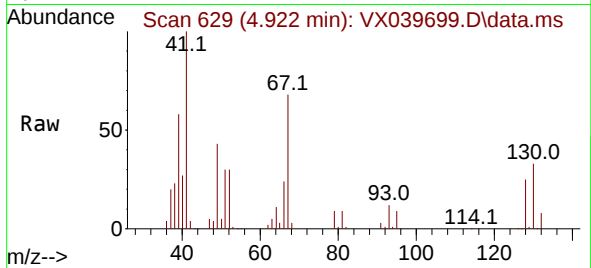
Tgt Ion: 41 Resp: 19846
Ion Ratio Lower Upper
41 100
39 59.4 45.2 67.8
67 70.2 52.6 78.8
52 31.1 22.7 34.1

Manual Integrations

APPROVED

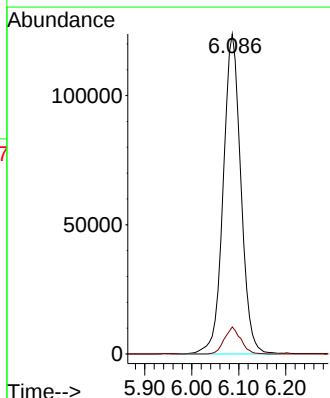
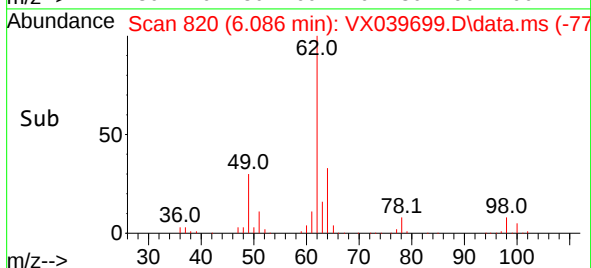
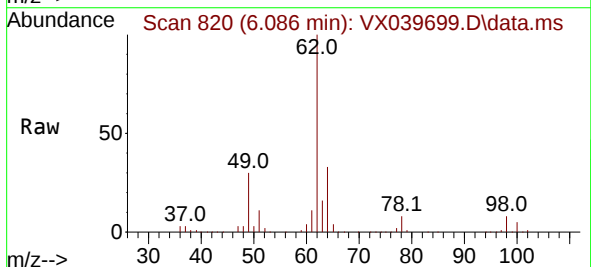
Reviewed By :John Carlone 01/11/2024

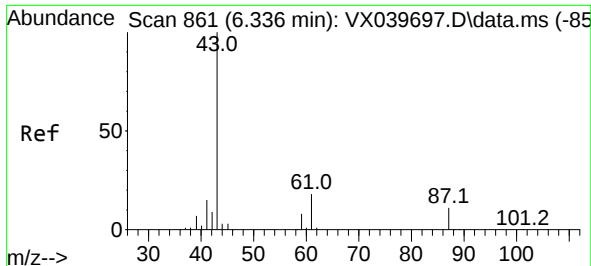
Supervised By :Mahesh Dadoda 01/11/2024



#42
1,2-Dichloroethane
Concen: 154.284 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 62 Resp: 323929
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43

Isopropyl Acetate

Concen: 158.321 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 60427

Ion Ratio Lower Upper

43 100

61 18.6 15.2 22.8

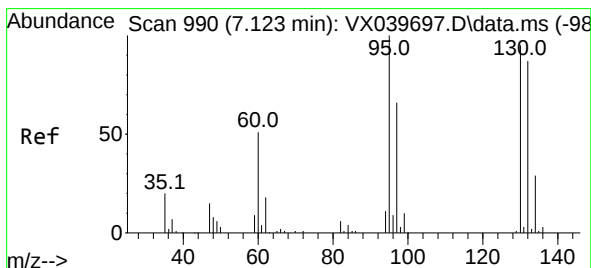
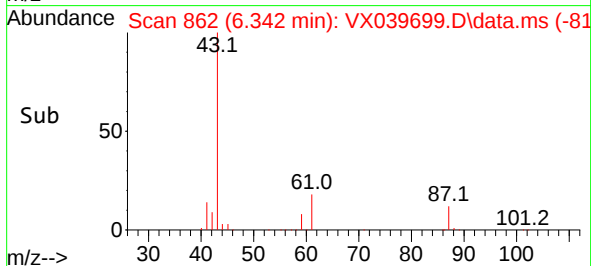
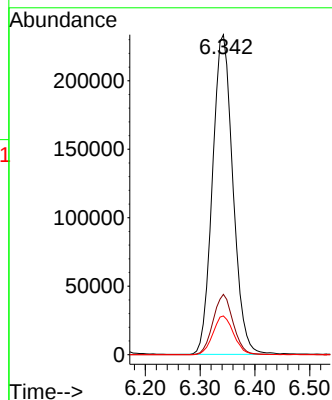
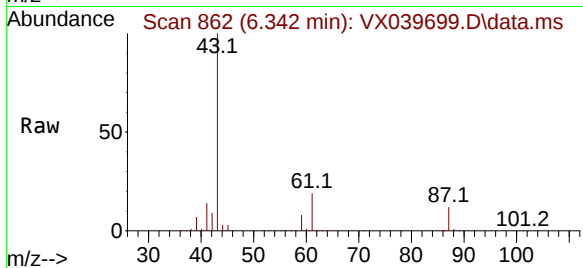
87 12.2 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#44

Trichloroethene

Concen: 150.386 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039699.D

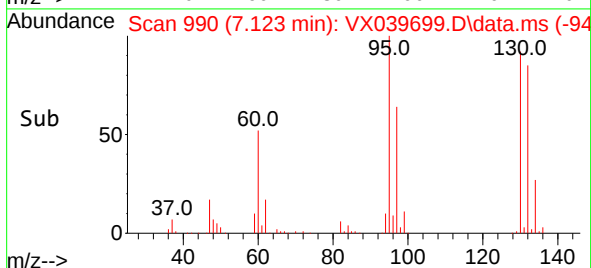
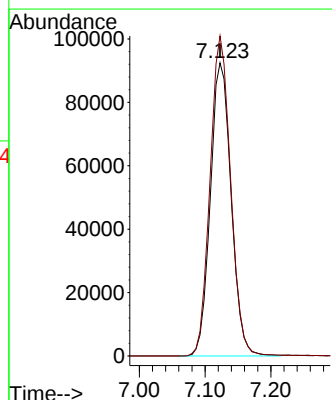
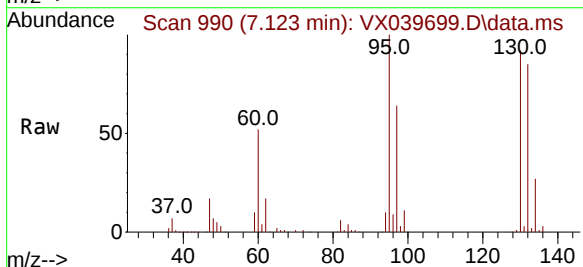
Acq: 10 Jan 2024 12:44

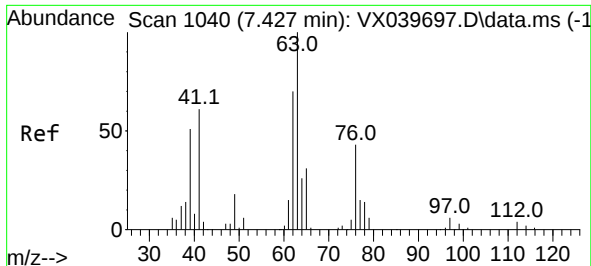
Tgt Ion:130 Resp: 203538

Ion Ratio Lower Upper

130 100

95 109.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 148.806 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 220449

Ion Ratio Lower Upper

63 100

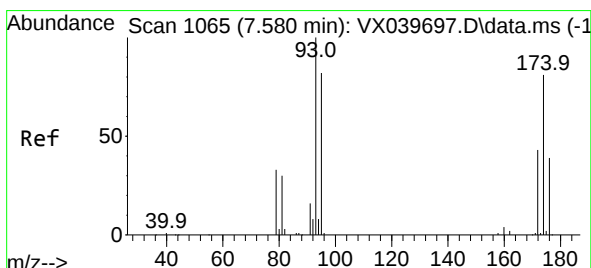
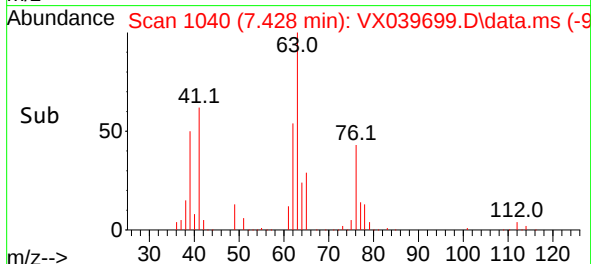
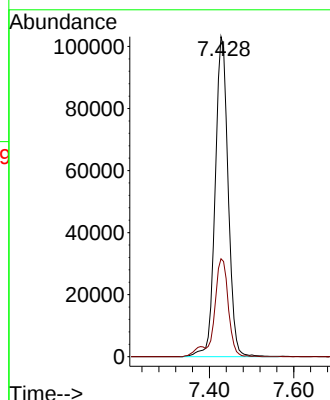
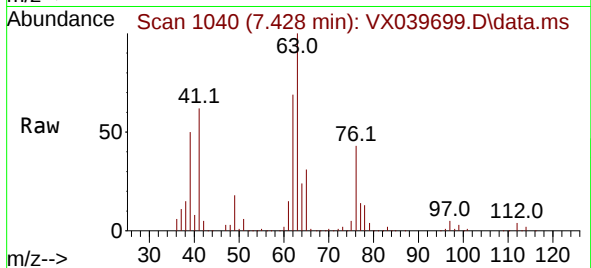
65 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#46

Dibromomethane

Concen: 153.695 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

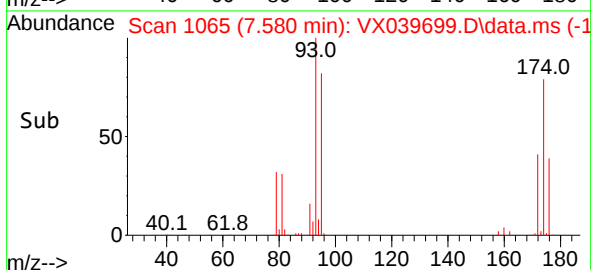
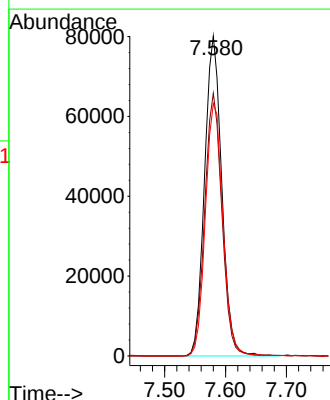
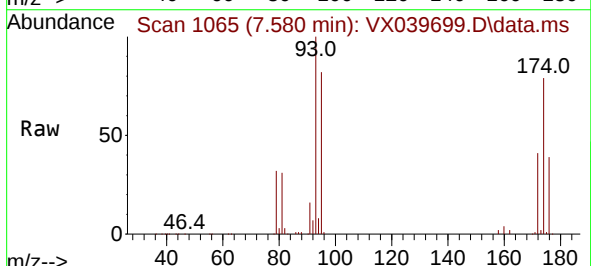
Tgt Ion: 93 Resp: 157267

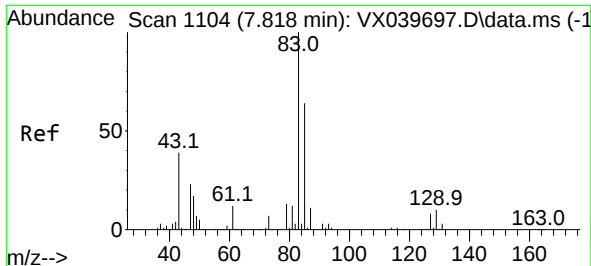
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

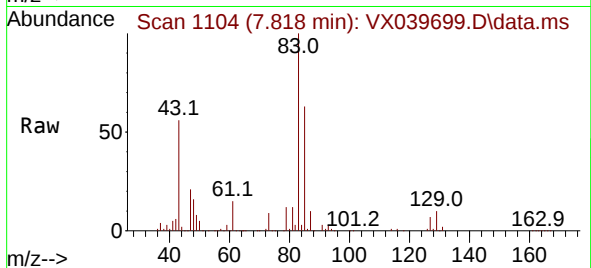
174 80.6 69.4 104.0





#47
Bromodichloromethane
Concen: 160.699 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

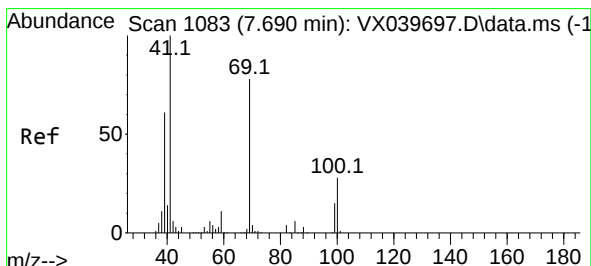
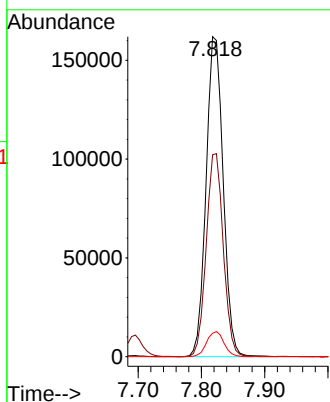
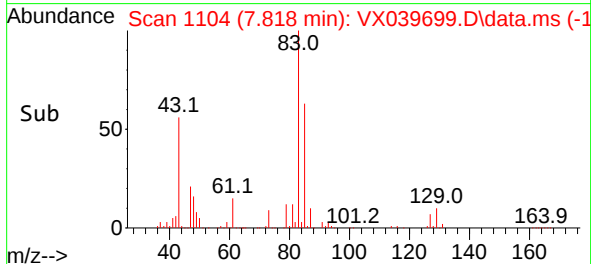
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



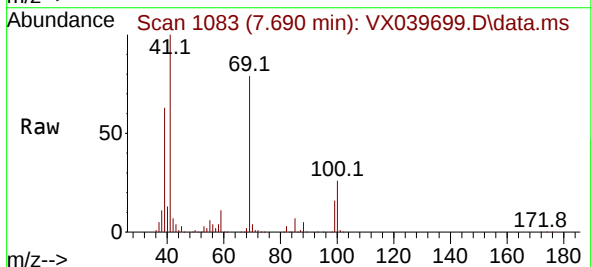
Tgt Ion: 83 Resp: 30454
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 7.3 7.1 10.7

Manual Integrations
APPROVED

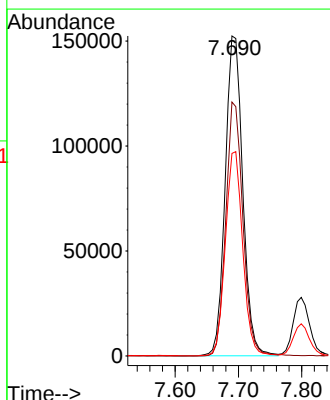
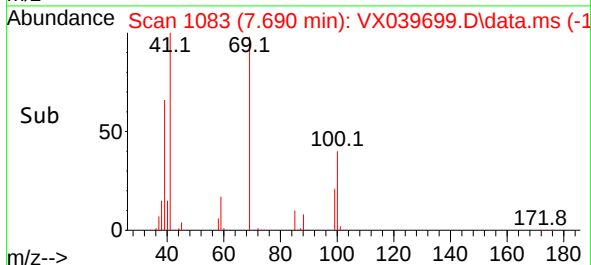
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

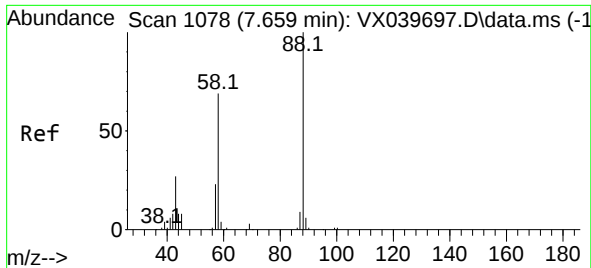


#48
Methyl methacrylate
Concen: 156.395 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



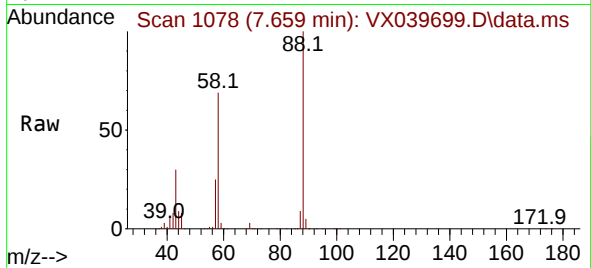
Tgt Ion: 41 Resp: 293409
Ion Ratio Lower Upper
41 100
69 77.8 59.2 88.8
39 63.3 47.7 71.5





#49
1,4-Dioxane
Concen: 2889.735 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

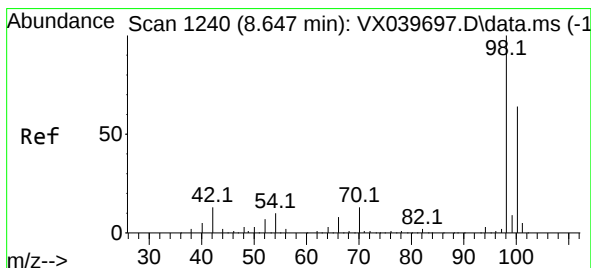
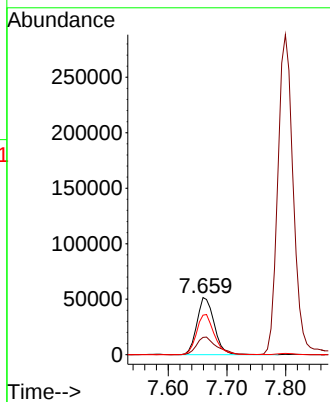
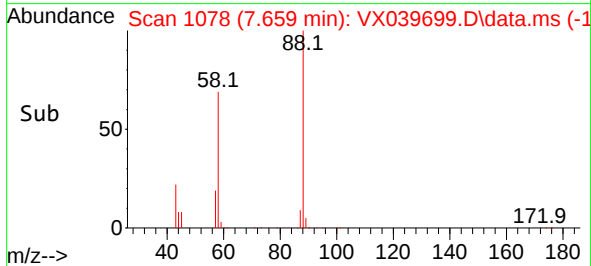
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 104900
Ion Ratio Lower Upper
88 100
43 36.1 0.0 0.0
58 72.5 60.1 90.1

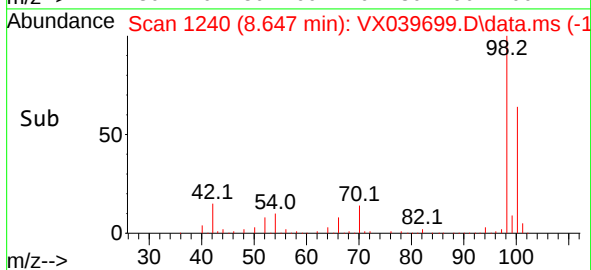
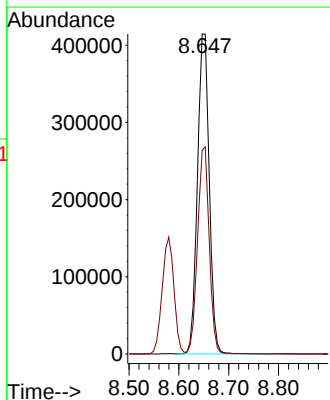
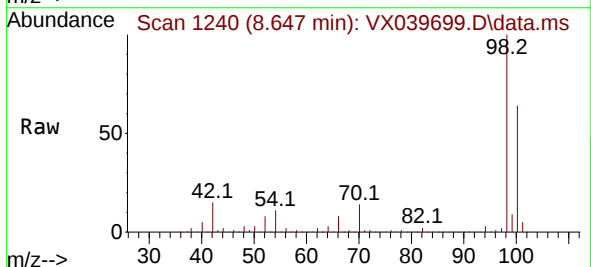
Manual Integrations
APPROVED

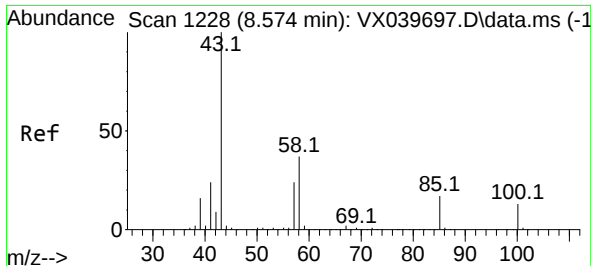
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#50
Toluene-d8
Concen: 144.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 98 Resp: 682613
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





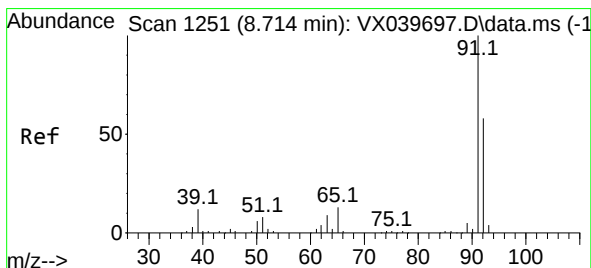
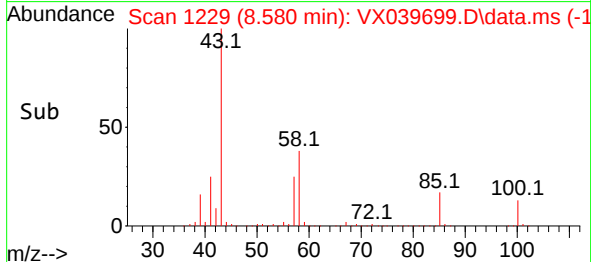
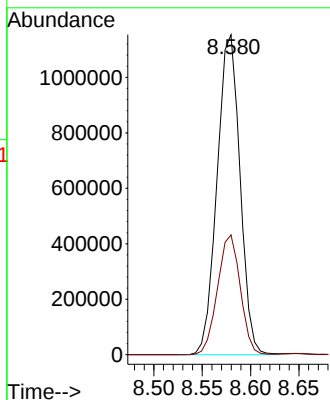
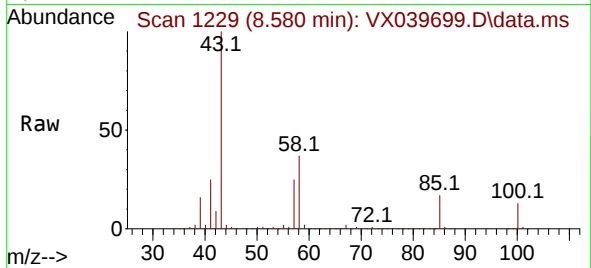
#51
4-Methyl-2-Pentanone
Concen: 722.254 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 189855
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

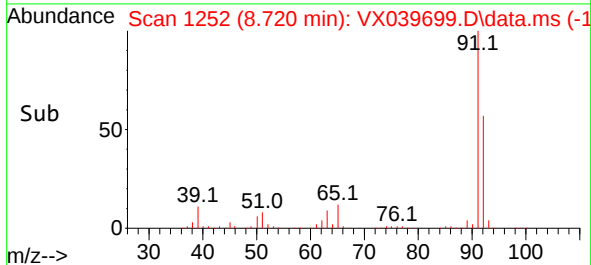
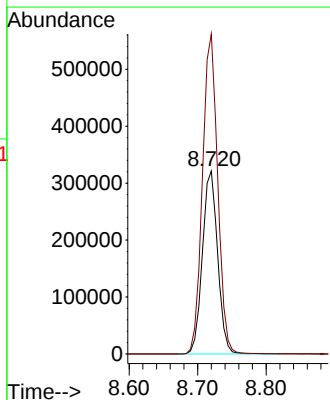
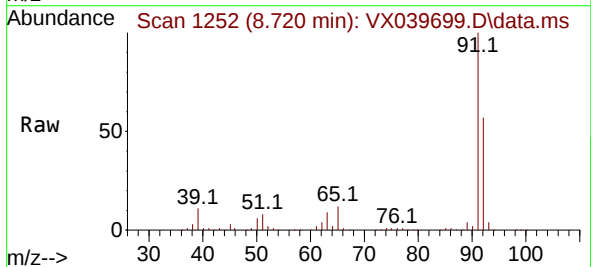
Manual Integrations
APPROVED

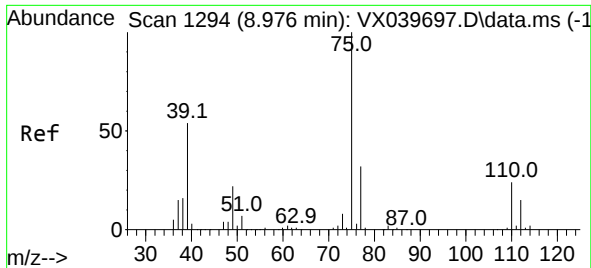
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#52
Toluene
Concen: 150.793 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 92 Resp: 497401
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





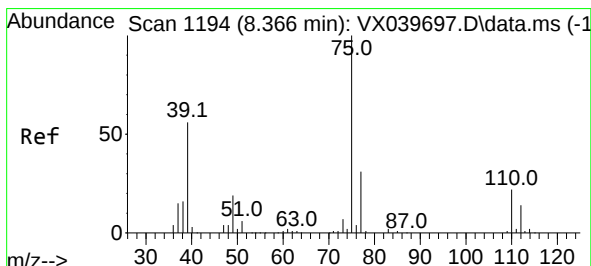
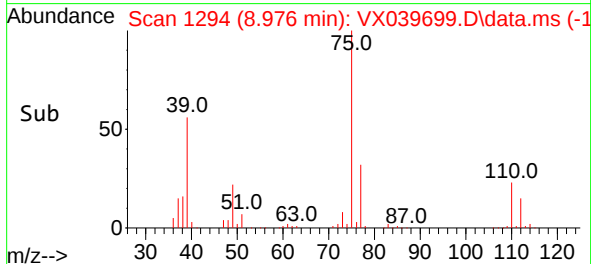
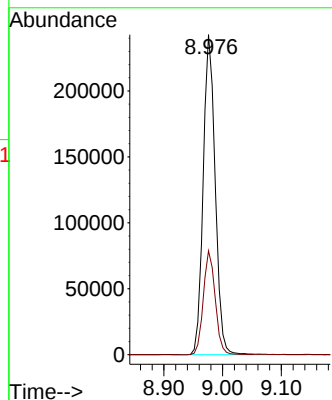
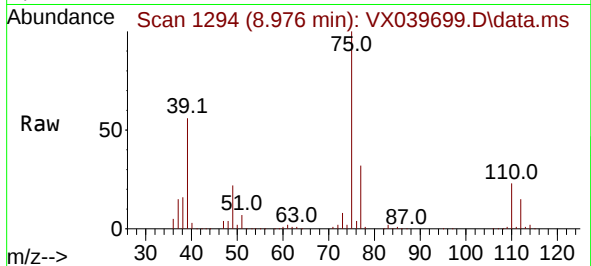
#53
t-1,3-Dichloropropene
Concen: 171.812 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 345502
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5

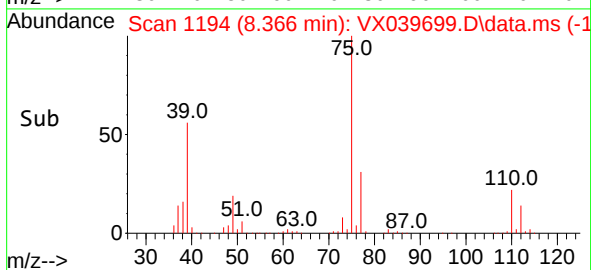
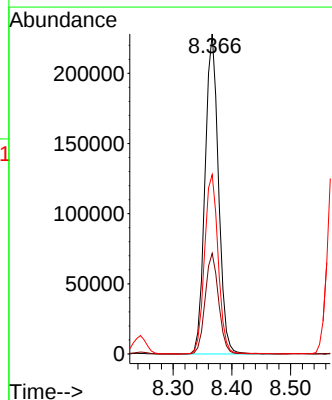
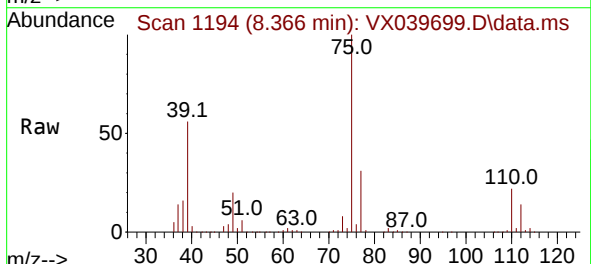
Manual Integrations
APPROVED

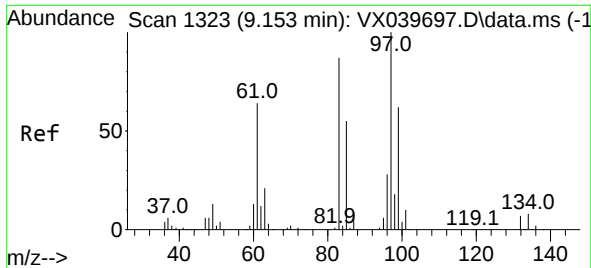
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#54
cis-1,3-Dichloropropene
Concen: 164.249 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 75 Resp: 363182
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 56.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 148.669 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

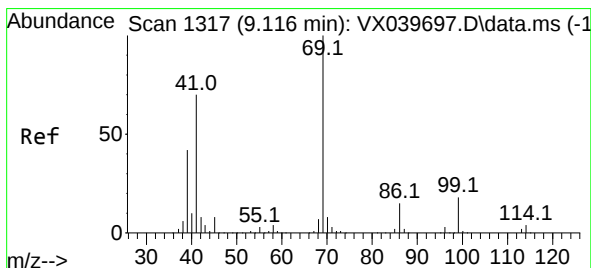
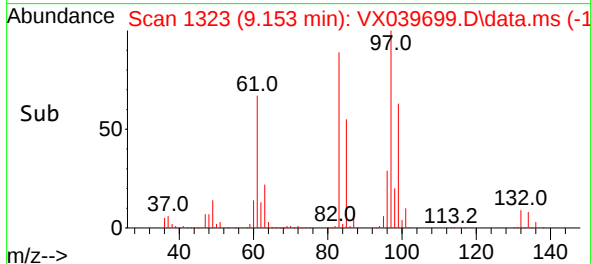
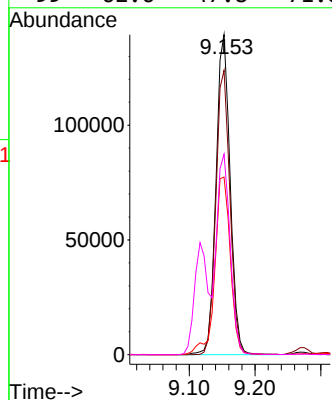
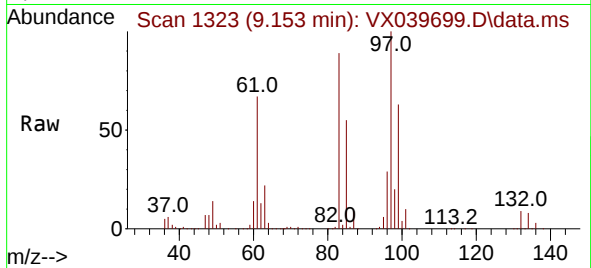
Tgt Ion: 97 Resp: 208788
Ion Ratio Lower Upper
97 100
83 88.8 65.8 98.8
85 55.5 41.6 62.4
99 62.6 47.8 71.8

Manual Integrations

APPROVED

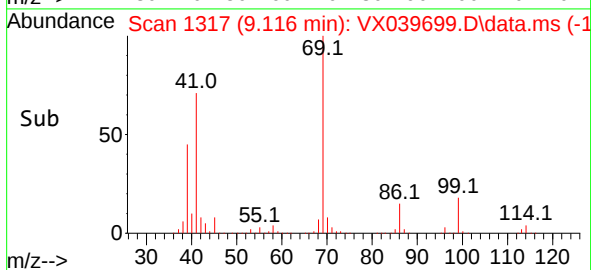
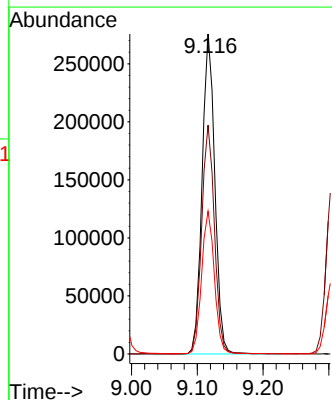
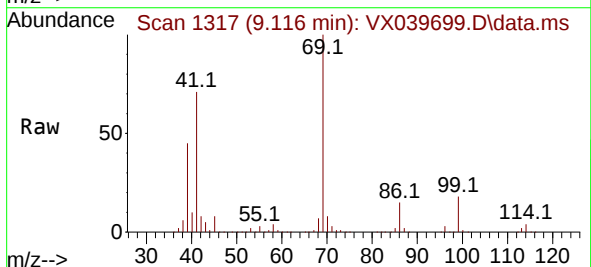
Reviewed By :John Carlone 01/11/2024

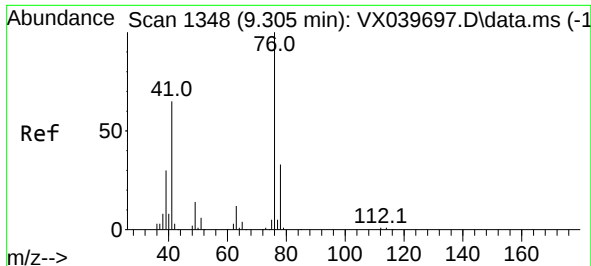
Supervised By :Mahesh Dadoda 01/11/2024



#56
Ethyl methacrylate
Concen: 163.142 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 69 Resp: 370813
Ion Ratio Lower Upper
69 100
41 72.0 56.8 85.2
39 44.6 32.0 48.0





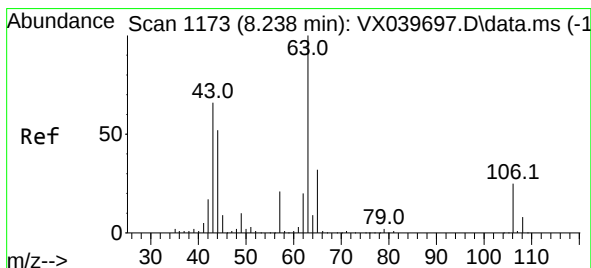
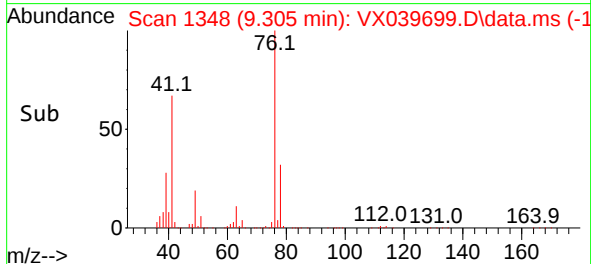
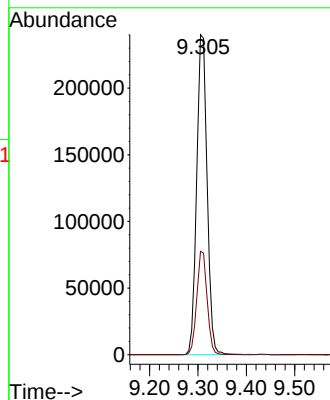
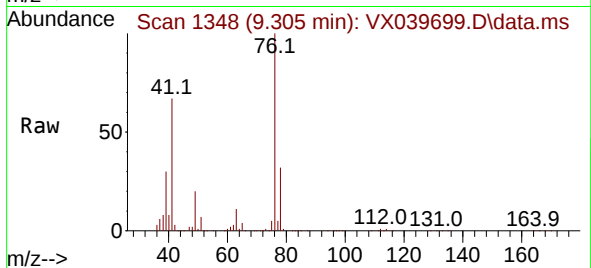
#57
1,3-Dichloropropane
Concen: 150.720 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 35870
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

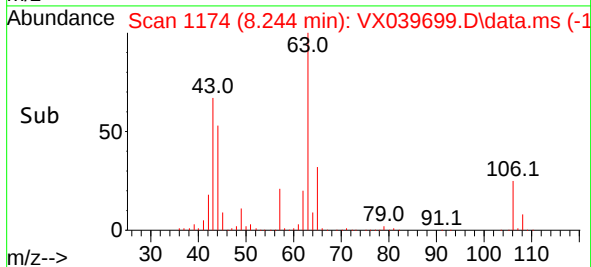
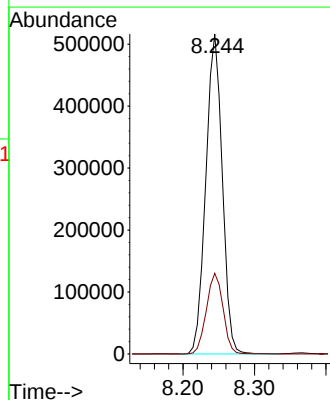
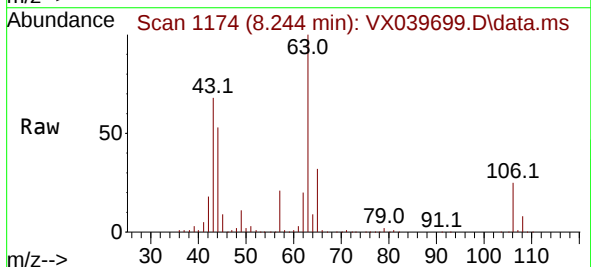
Manual Integrations
APPROVED

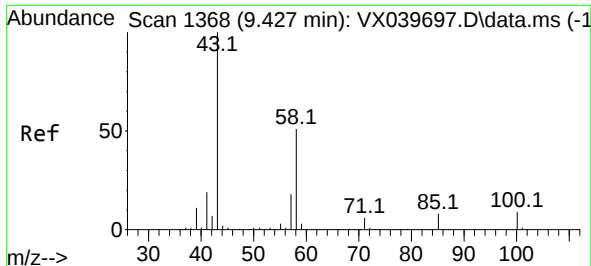
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 766.994 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion: 63 Resp: 824032
Ion Ratio Lower Upper
63 100
106 25.5 22.5 33.7





#59

2-Hexanone

Concen: 741.804 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1543270

Ion Ratio Lower Upper

43 100

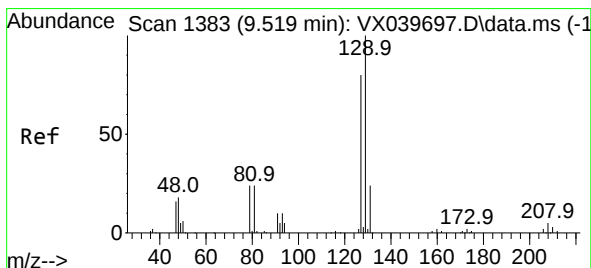
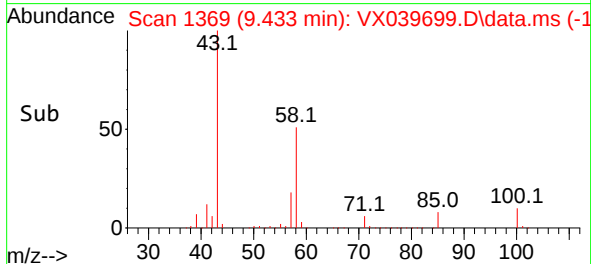
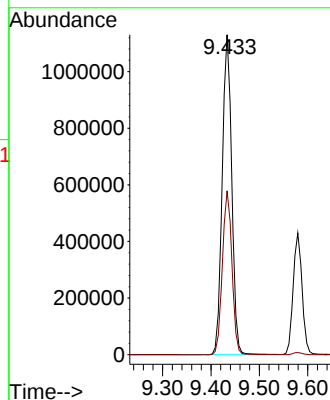
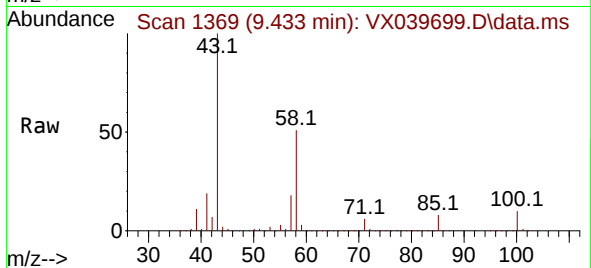
58 51.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#60

Dibromochloromethane

Concen: 169.509 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039699.D

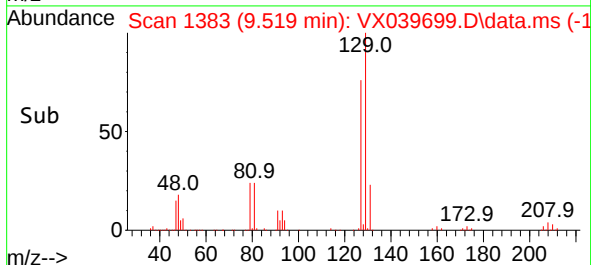
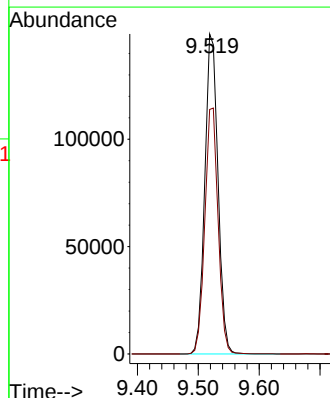
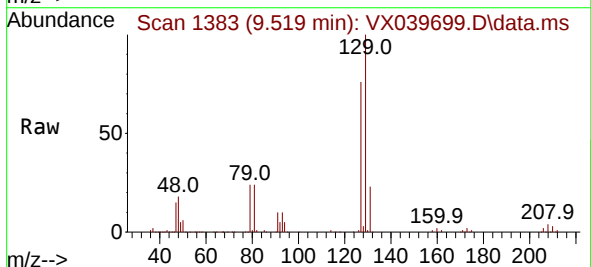
Acq: 10 Jan 2024 12:44

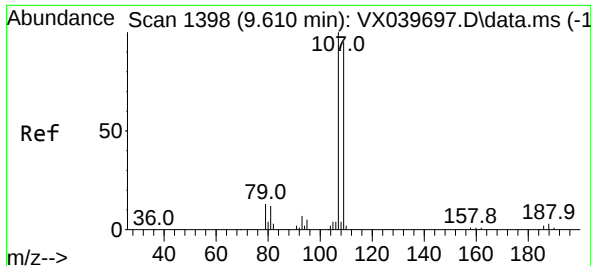
Tgt Ion:129 Resp: 224499

Ion Ratio Lower Upper

129 100

127 77.3 38.8 116.4





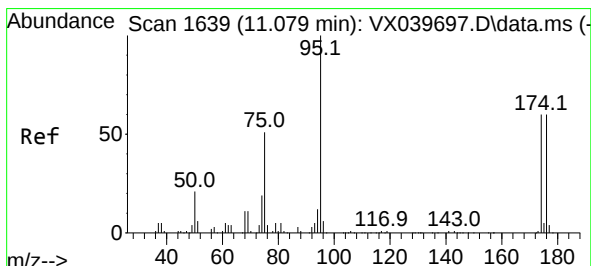
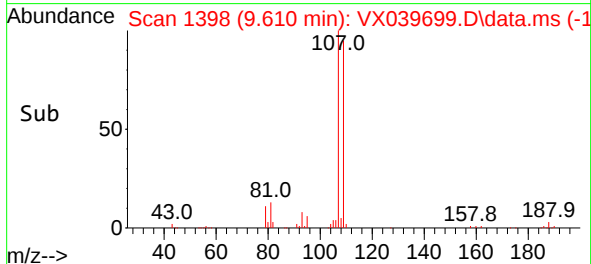
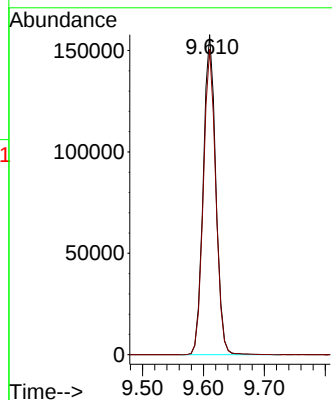
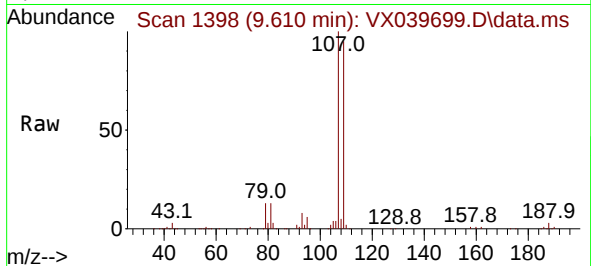
#61
1,2-Dibromoethane
Concen: 155.262 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 22580
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

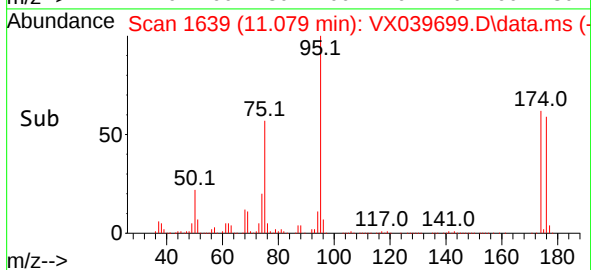
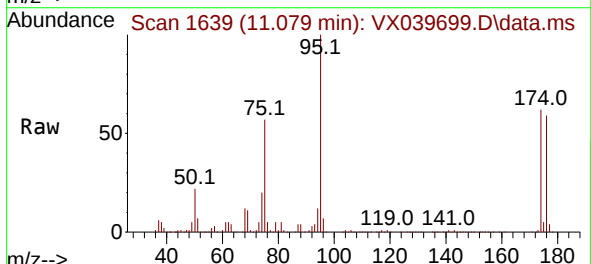
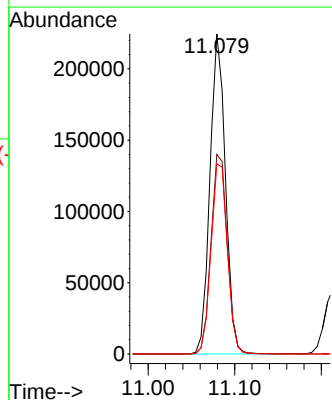
Manual Integrations
APPROVED

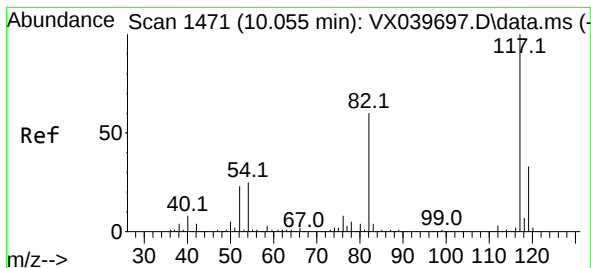
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#62
4-Bromofluorobenzene
Concen: 150.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

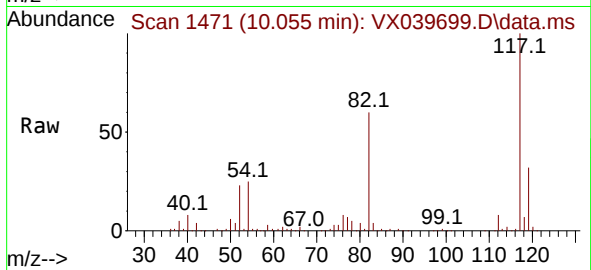
Tgt Ion: 95 Resp: 277770
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 62.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

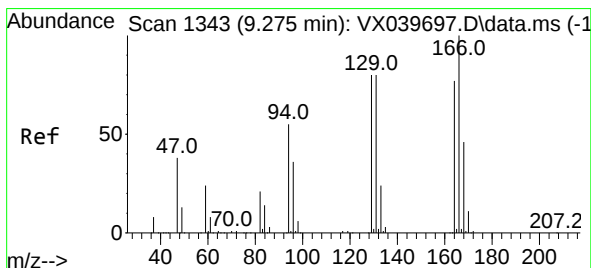
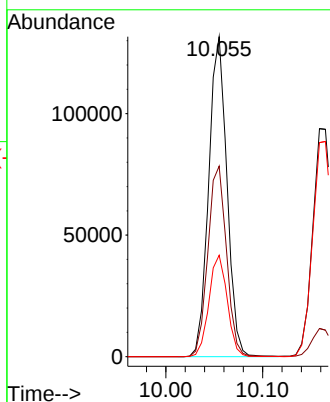
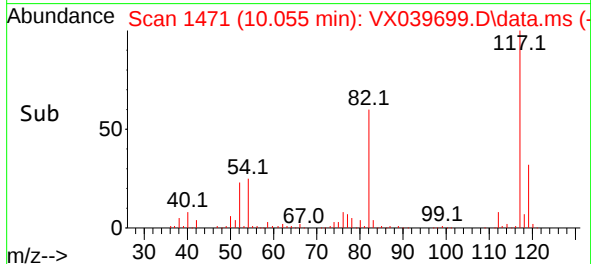
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



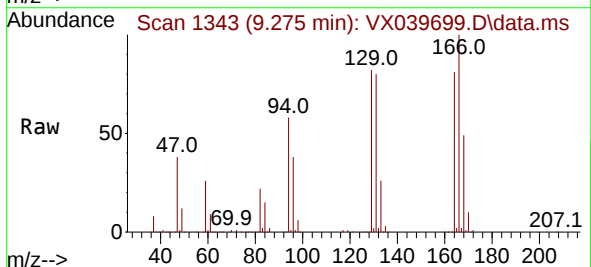
Tgt Ion:117 Resp: 172698
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.7 25.5 38.3

Manual Integrations
APPROVED

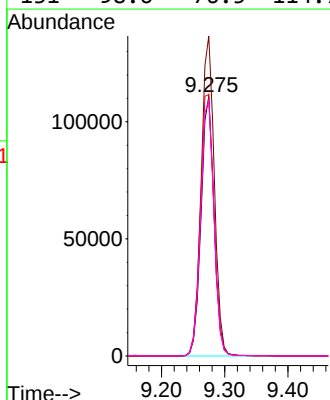
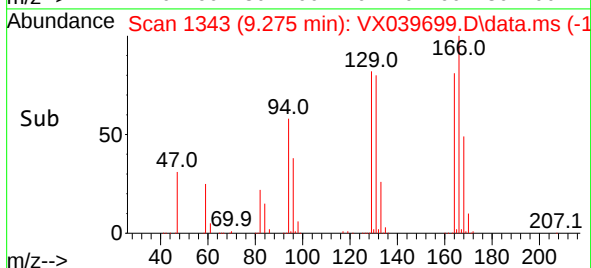
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

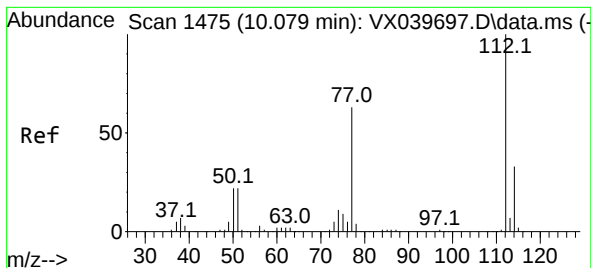


#64
Tetrachloroethene
Concen: 140.973 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



Tgt Ion:164 Resp: 158320
Ion Ratio Lower Upper
164 100
166 123.4 102.7 154.1
129 100.8 80.4 120.6
131 98.6 76.5 114.7





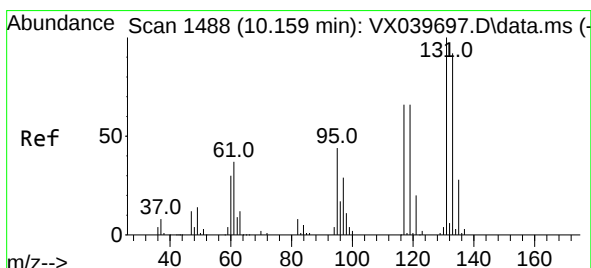
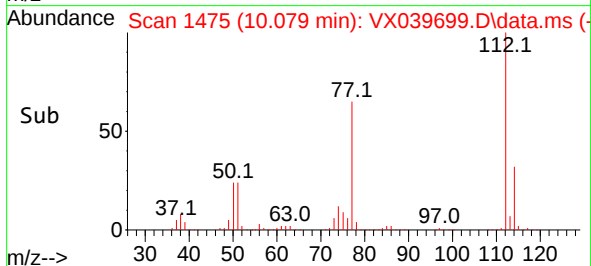
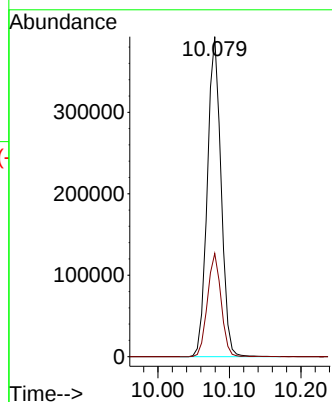
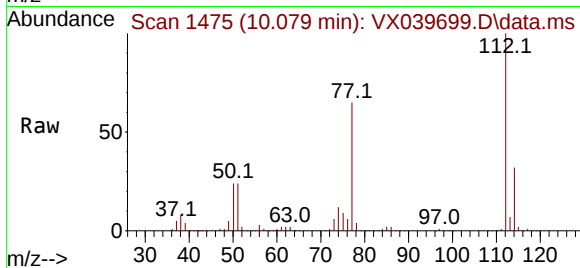
#65
Chlorobenzene
Concen: 145.396 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 52297
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

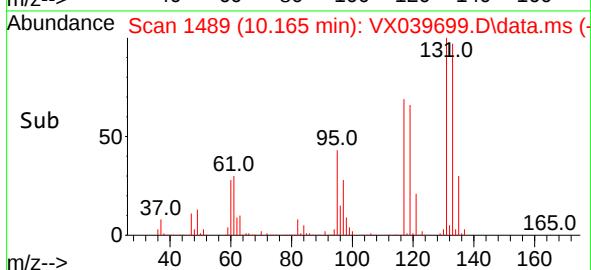
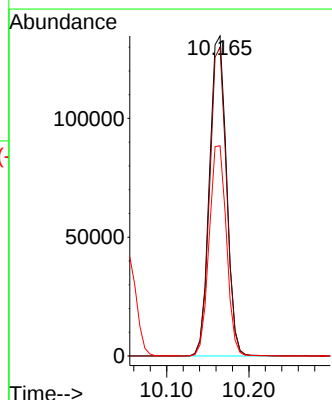
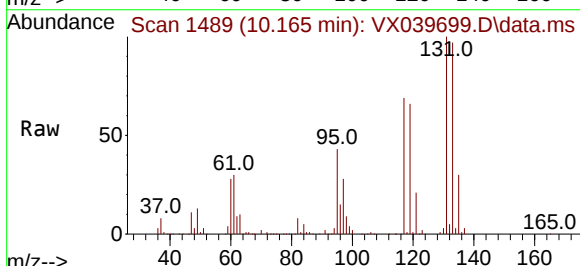
Manual Integrations
APPROVED

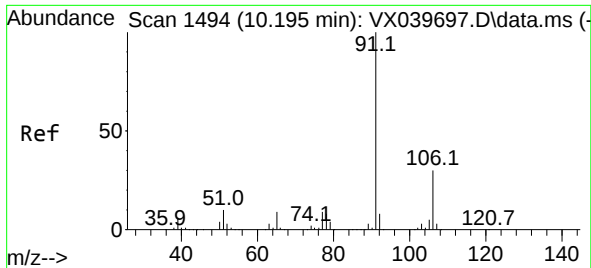
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 158.582 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

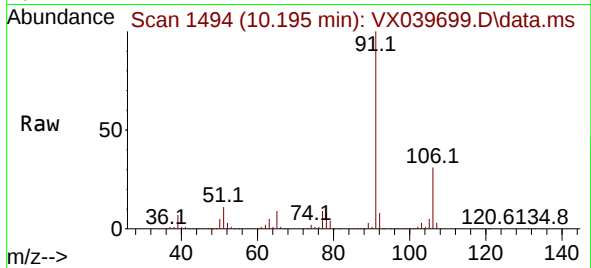
Tgt Ion:131 Resp: 194226
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 66.4 32.2 96.6





#67
Ethyl Benzene
Concen: 148.761 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

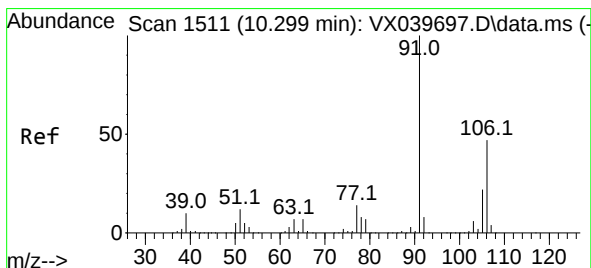
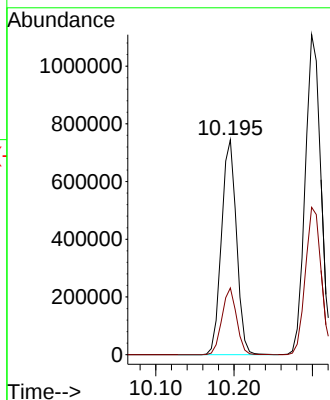
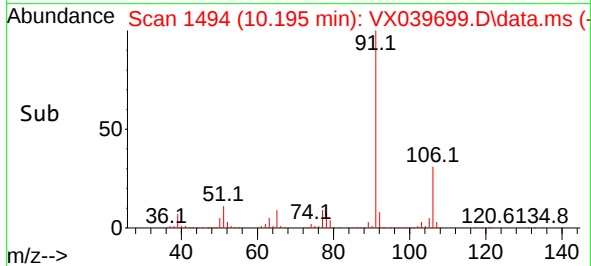
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



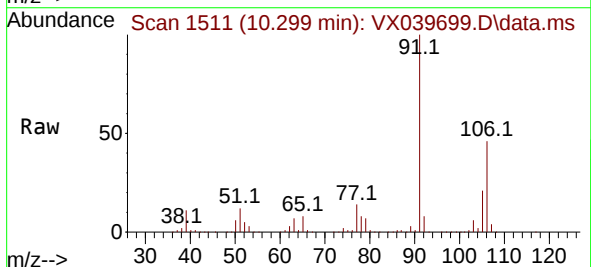
Tgt Ion: 91 Resp: 993409
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

Manual Integrations
APPROVED

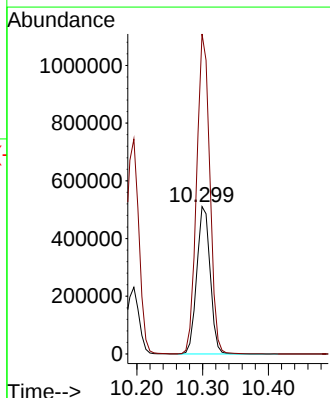
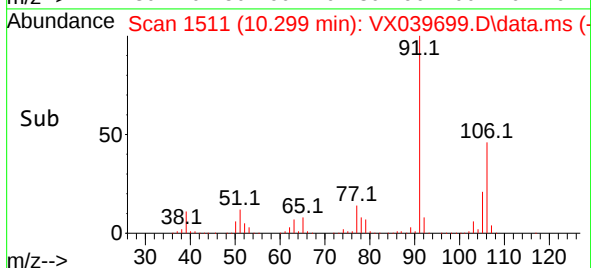
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

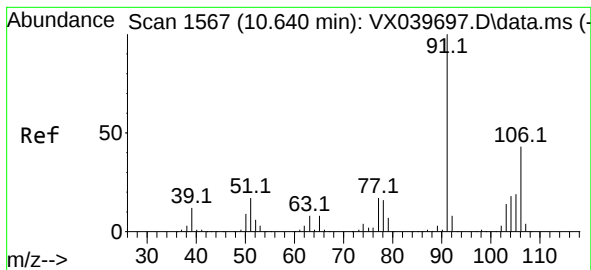


#68
m/p-Xylenes
Concen: 293.407 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



Tgt Ion:106 Resp: 720581
Ion Ratio Lower Upper
106 100
91 214.4 165.5 248.3





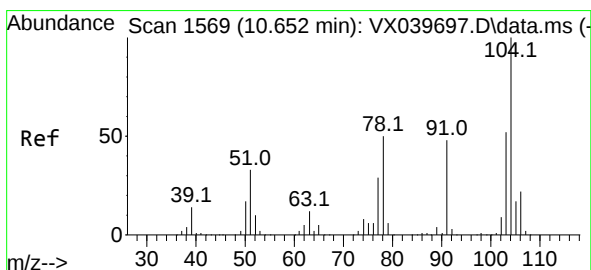
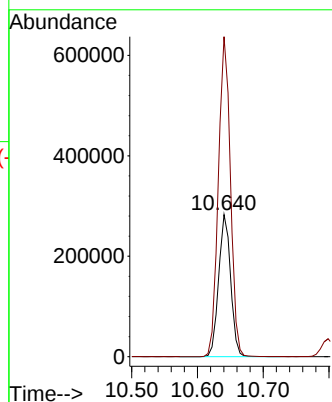
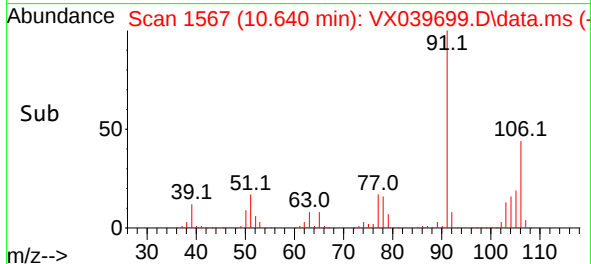
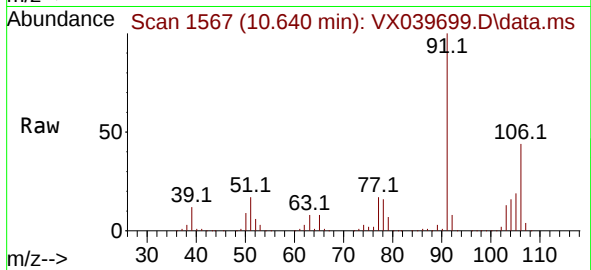
#69
o-Xylene
Concen: 147.566 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 358902
Ion Ratio Lower Upper
106 100
91 227.0 108.9 326.8

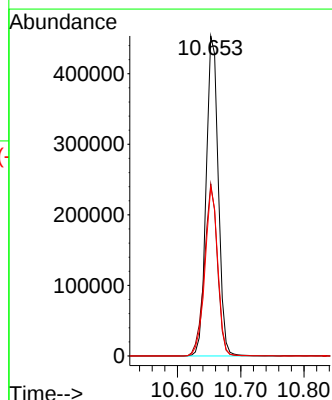
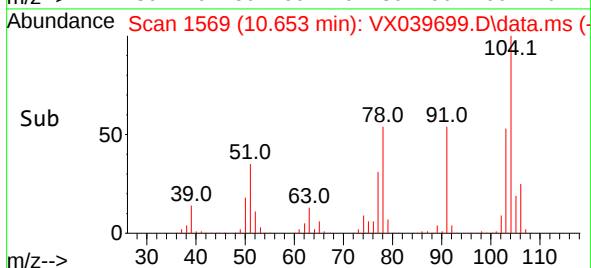
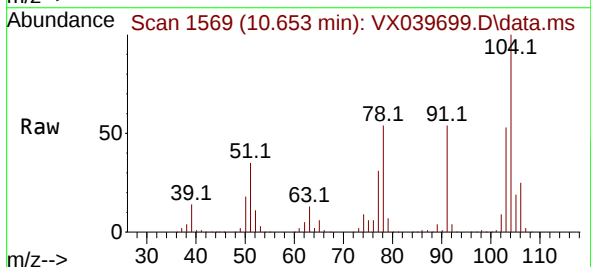
Manual Integrations
APPROVED

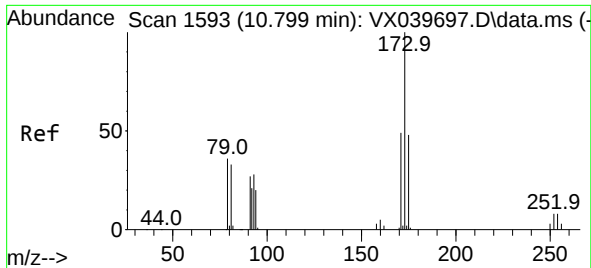
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#70
Styrene
Concen: 152.625 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

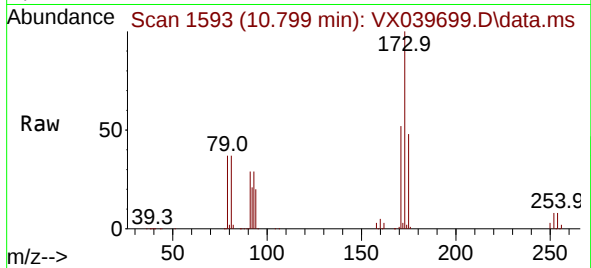
Tgt Ion:104 Resp: 606375
Ion Ratio Lower Upper
104 100
78 57.7 43.6 65.4
103 55.7 43.6 65.4





#71
Bromoform
Concen: 174.952 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

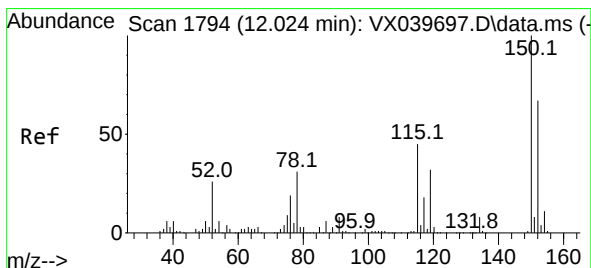
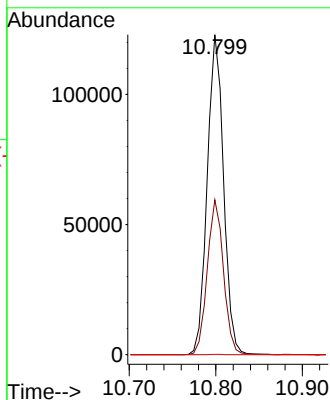
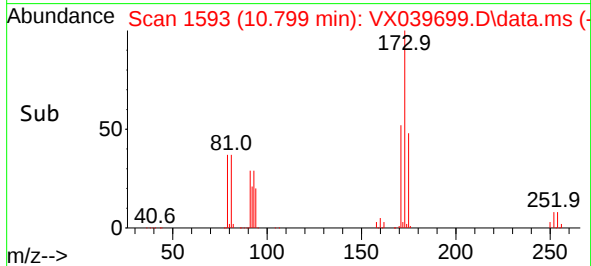
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:173 Resp: 16089
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.1 0.0 0.0

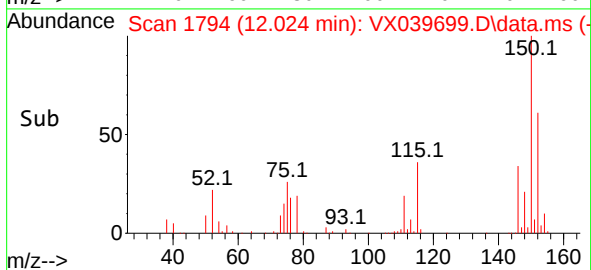
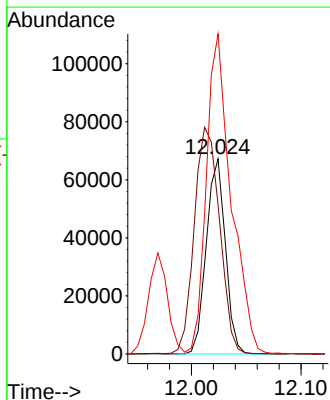
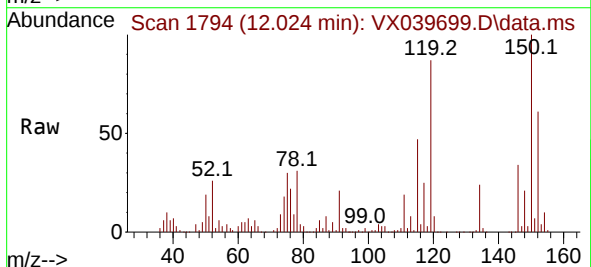
Manual Integrations
APPROVED

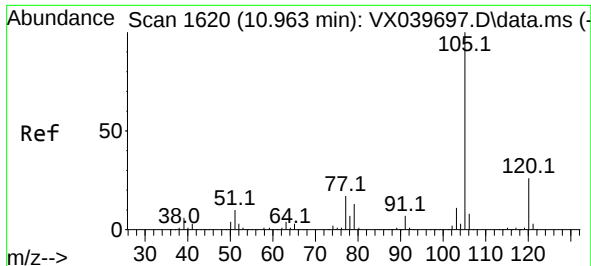
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

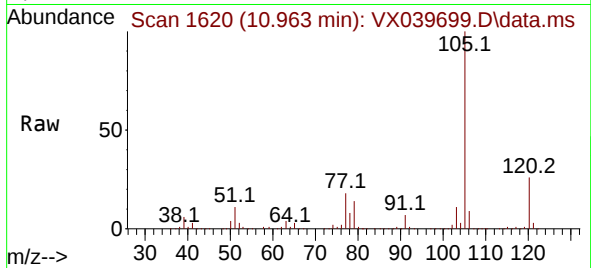
Tgt Ion:152 Resp: 81411
Ion Ratio Lower Upper
152 100
115 154.5 43.3 129.9#
150 213.0 0.0 345.0





#73
Isopropylbenzene
Concen: 148.285 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

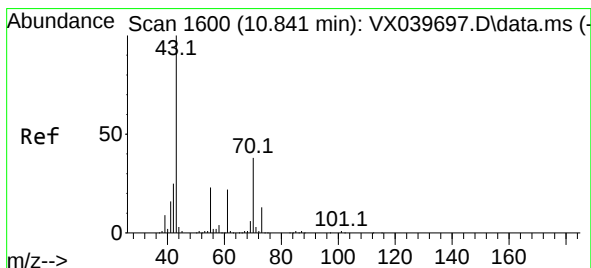
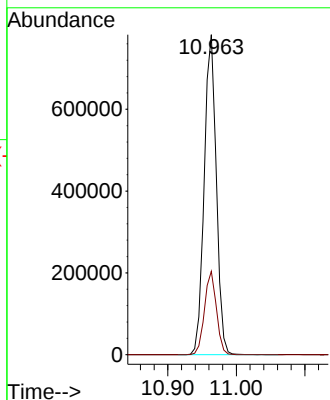
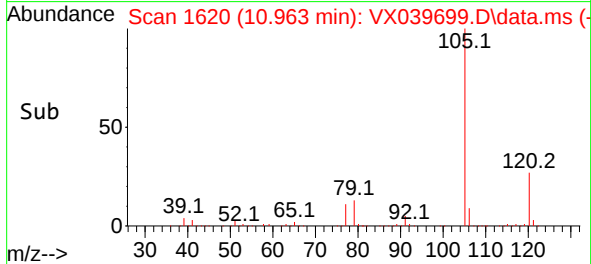
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:105 Resp: 961132
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

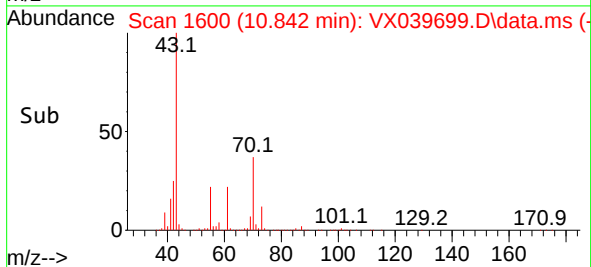
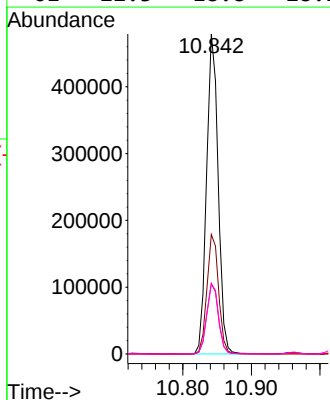
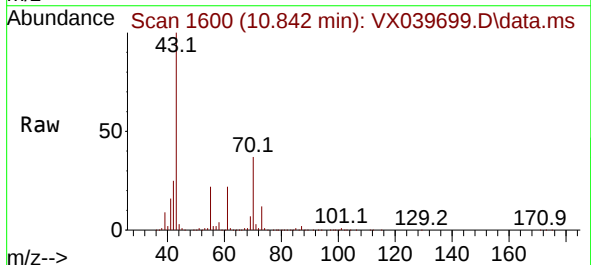
Manual Integrations
APPROVED

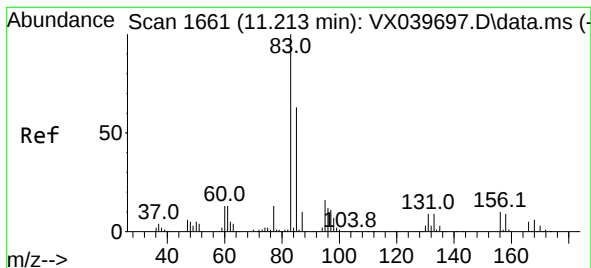
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#74
N-ethyl acetate
Concen: 166.786 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

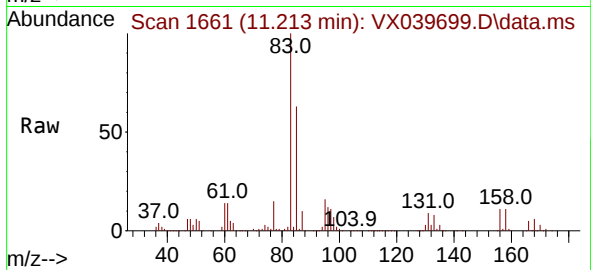
Tgt Ion: 43 Resp: 563503
Ion Ratio Lower Upper
43 100
70 37.6 32.9 49.3
55 22.2 19.3 28.9
61 22.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 145.313 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

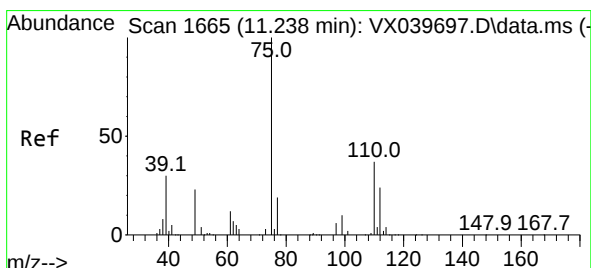
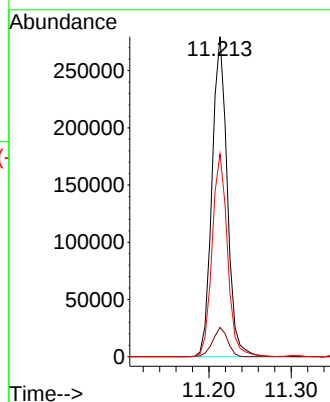
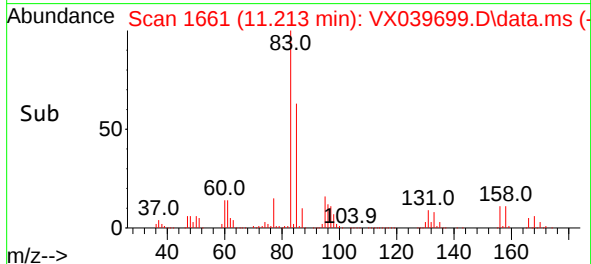
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



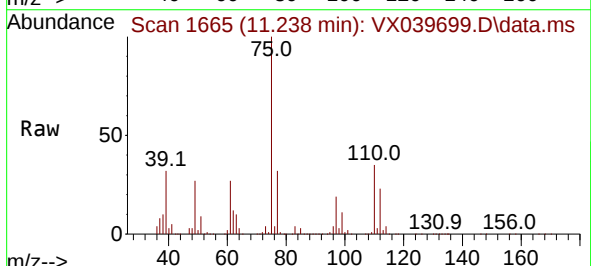
Tgt Ion: 83 Resp: 359658
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.0 32.0 96.2

Manual Integrations
APPROVED

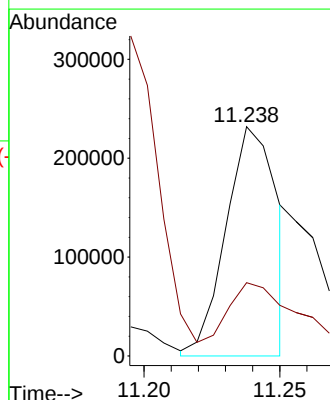
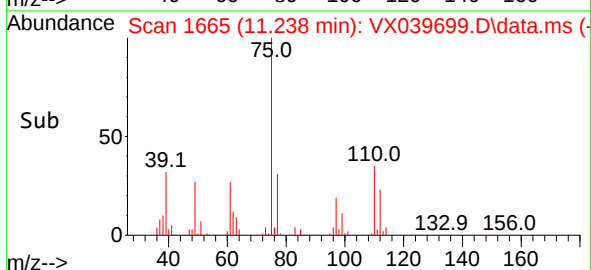
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

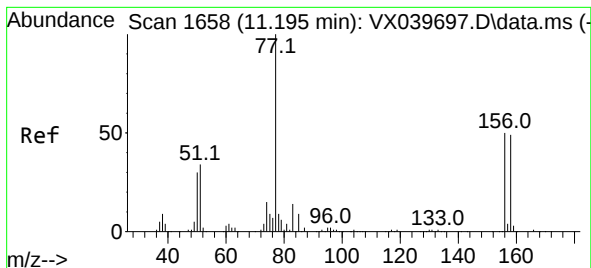


#76
1,2,3-Trichloropropane
Concen: 143.243 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



Tgt Ion: 75 Resp: 302337
Ion Ratio Lower Upper
75 100
77 46.0 19.1 57.5





#77

Bromobenzene

Concen: 148.363 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

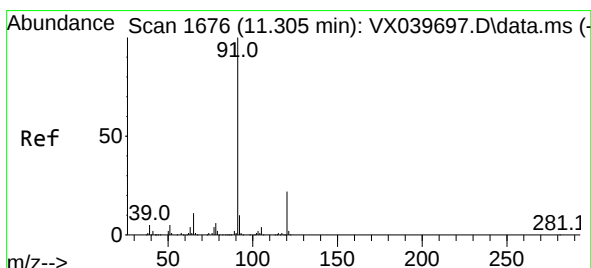
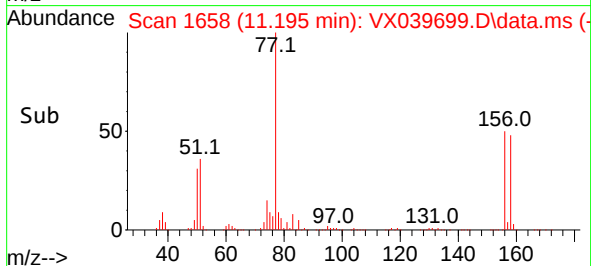
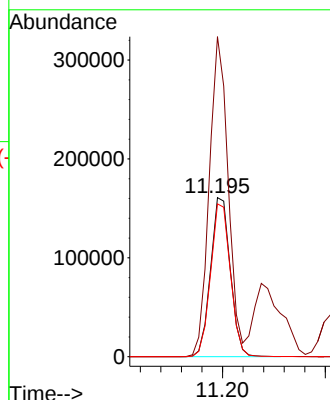
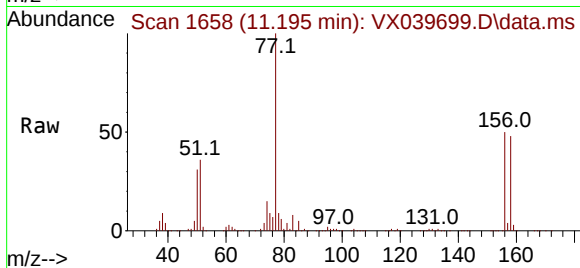
Tgt Ion:	156	Resp:	21411
Ion Ratio	Lower	Upper	
156	100		
77	192.4	88.4	265.3
158	96.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#78

n-propylbenzene

Concen: 152.074 ug/l

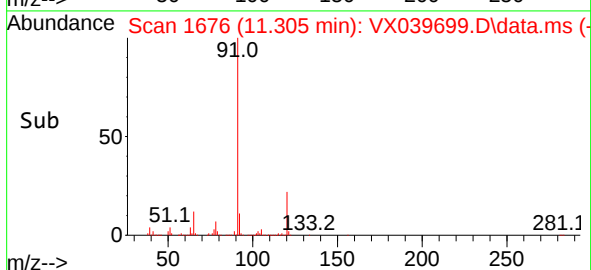
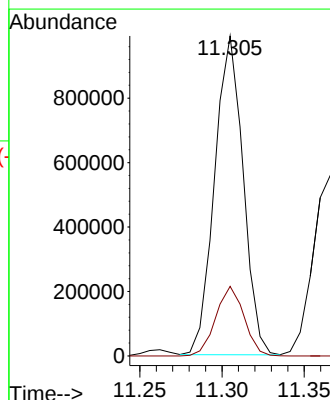
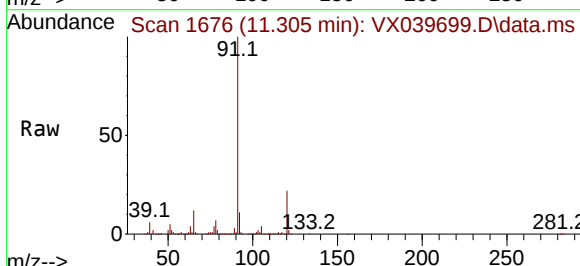
RT: 11.305 min Scan# 1676

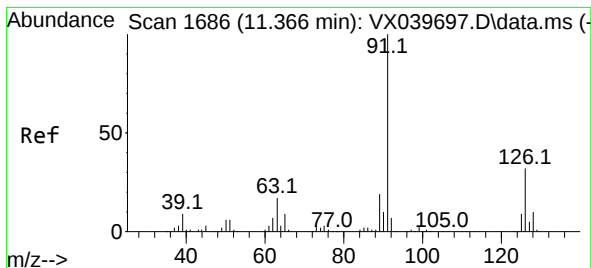
Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Tgt Ion:	91	Resp:	1193016
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 145.647 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 70618

Ion Ratio Lower Upper

91 100

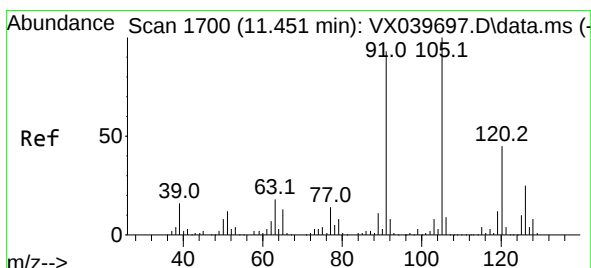
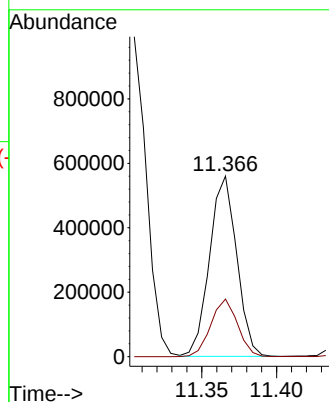
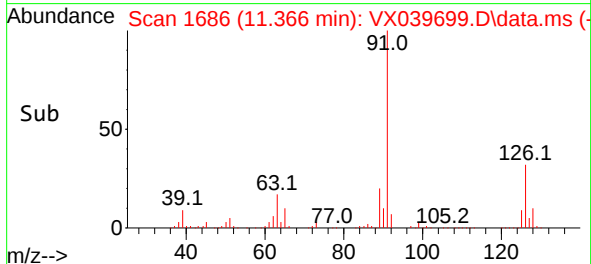
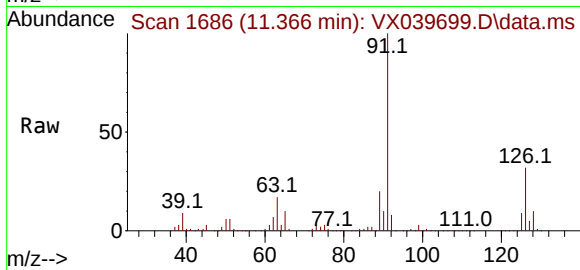
126 31.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#80

1,3,5-Trimethylbenzene

Concen: 150.326 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039699.D

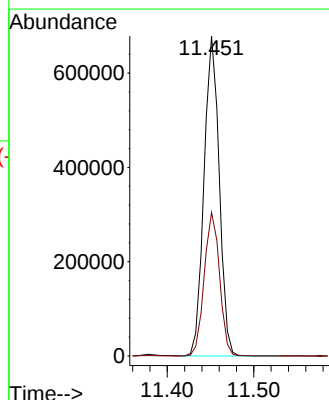
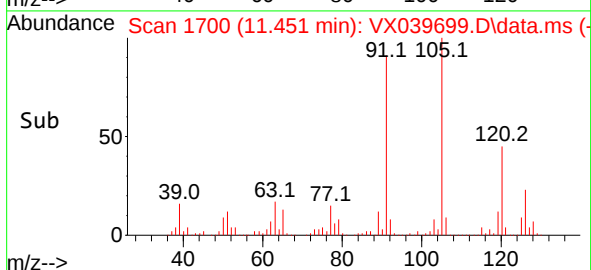
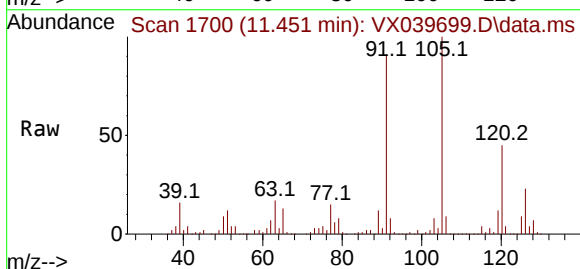
Acq: 10 Jan 2024 12:44

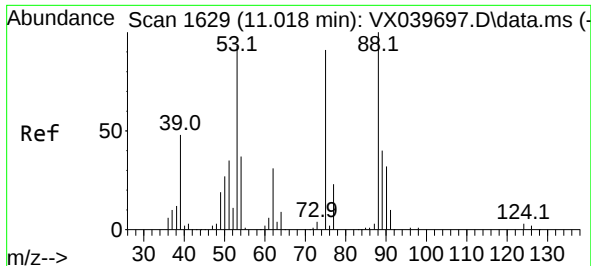
Tgt Ion:105 Resp: 827539

Ion Ratio Lower Upper

105 100

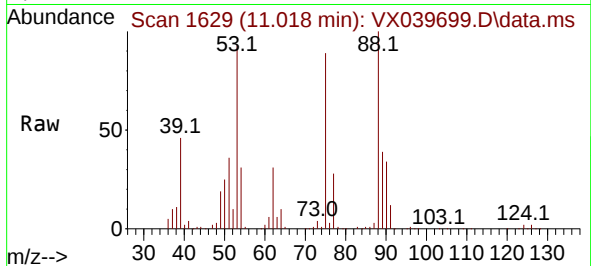
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 150.124 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

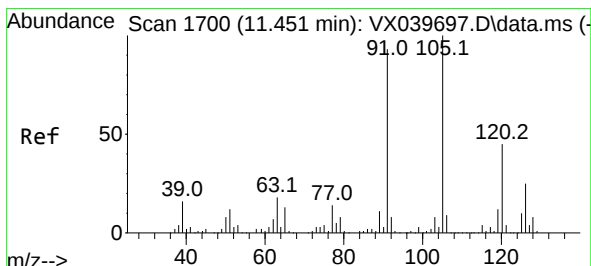
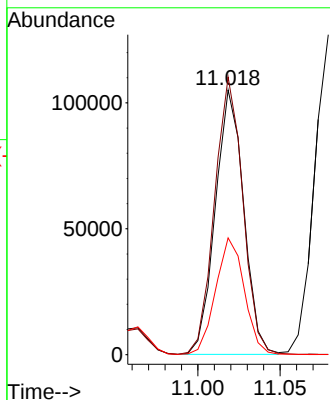
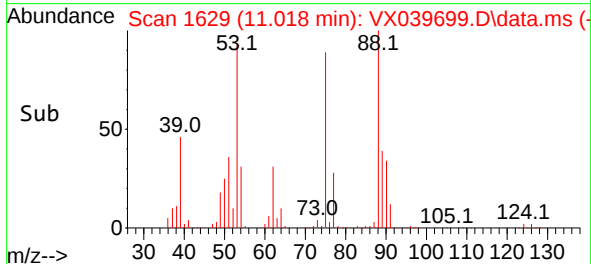
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



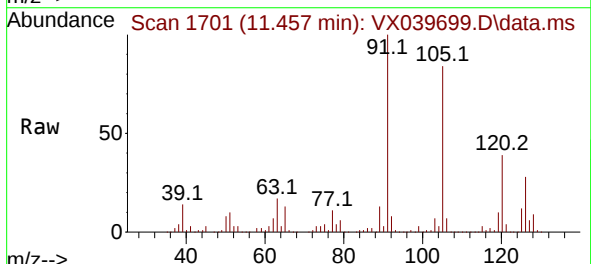
Tgt Ion: 75 Resp: 12601
Ion Ratio Lower Upper
75 100
53 104.4 90.5 135.7
89 44.6 36.9 55.3

Manual Integrations
APPROVED

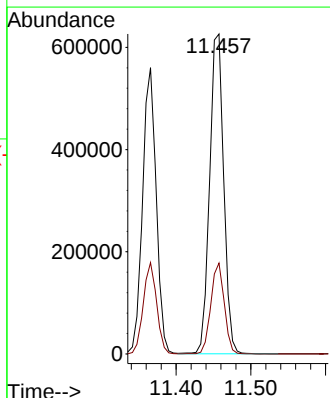
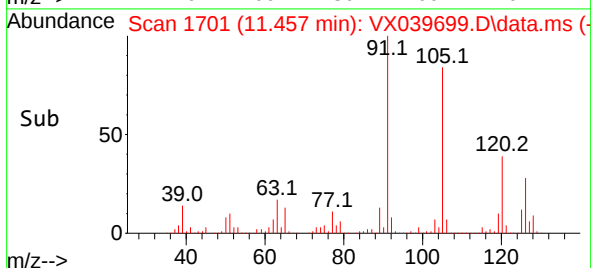
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

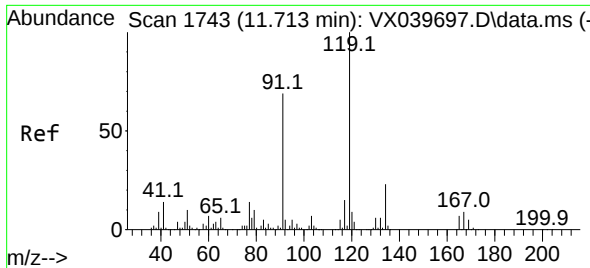


#82
4-Chlorotoluene
Concen: 149.083 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



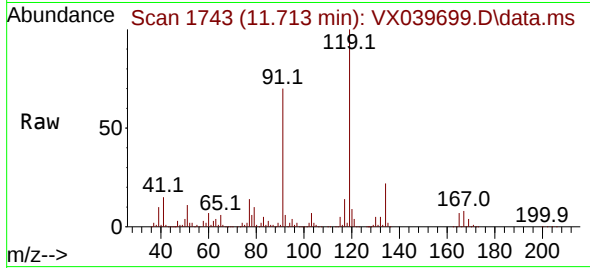
Tgt Ion: 91 Resp: 819916
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 154.358 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

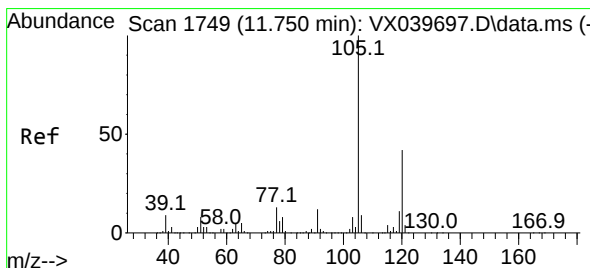
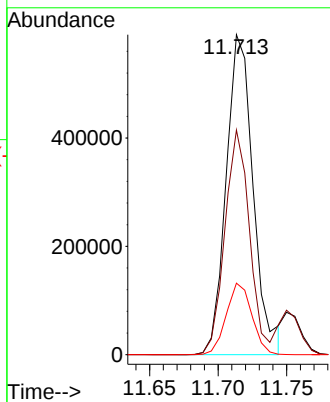
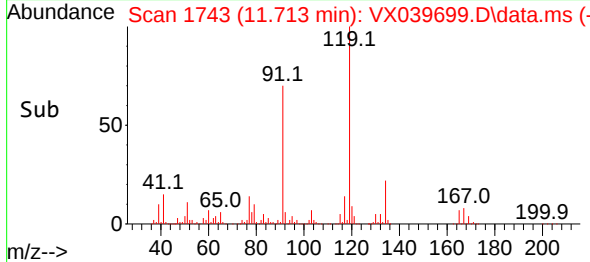
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 811250
Ion Ratio Lower Upper
119 100
91 64.1 31.2 93.6
134 21.2 11.7 35.0

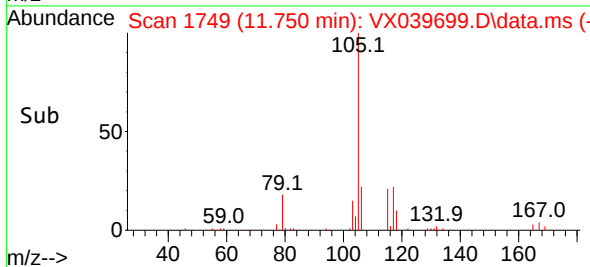
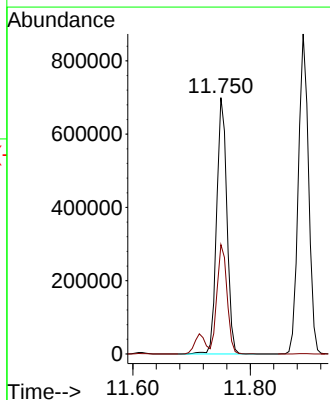
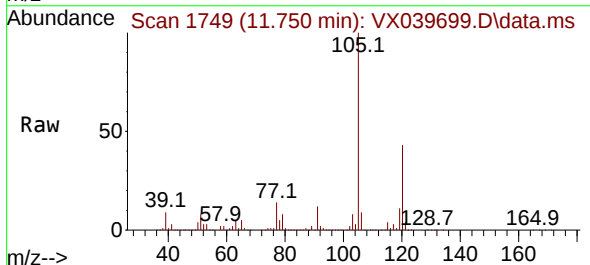
Manual Integrations
APPROVED

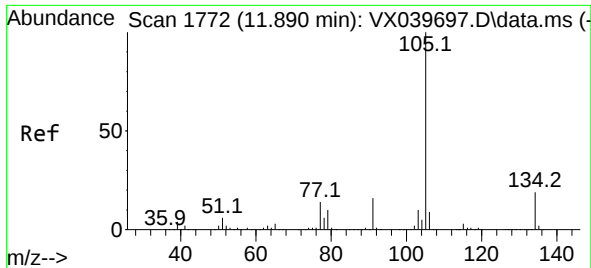
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 153.413 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

Tgt Ion:105 Resp: 842564
Ion Ratio Lower Upper
105 100
120 41.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 154.413 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039699.D
 Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

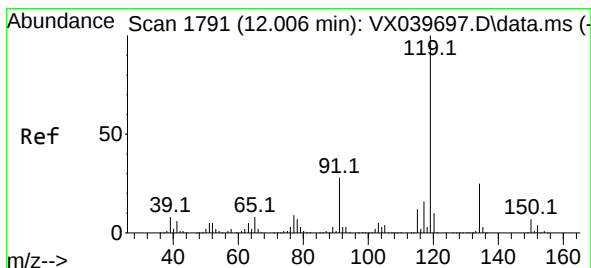
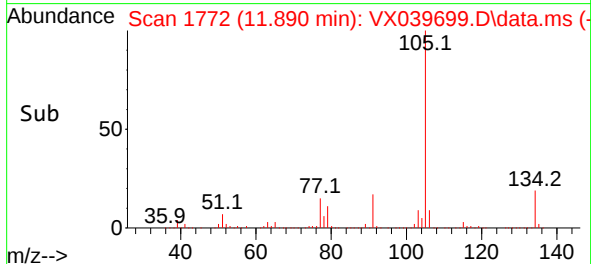
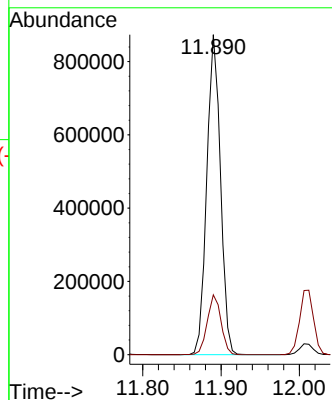
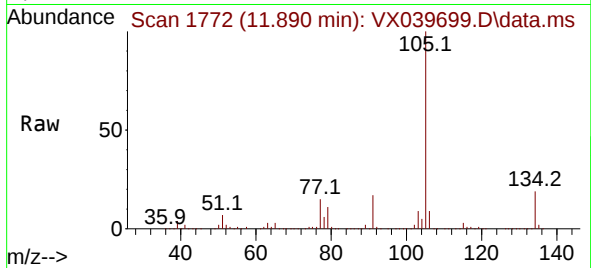
Tgt Ion:105 Resp: 105346
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations

APPROVED

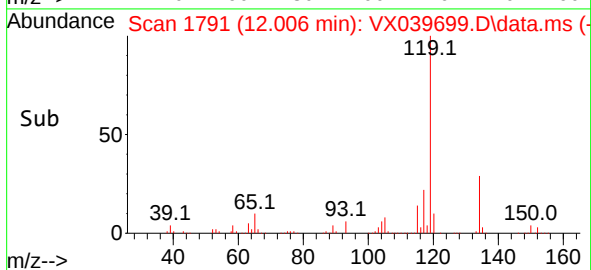
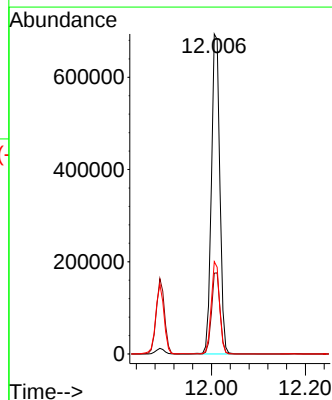
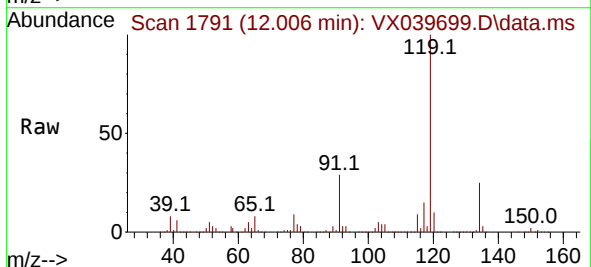
Reviewed By :John Carlone 01/11/2024

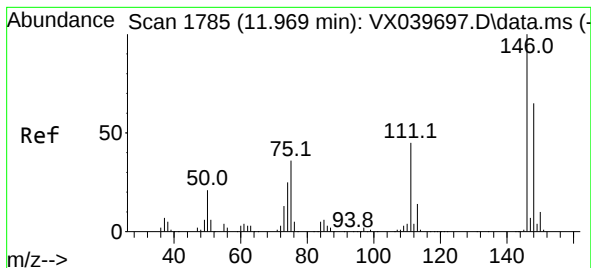
Supervised By :Mahesh Dadoda 01/11/2024



#86
 p-Isopropyltoluene
 Concen: 157.228 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039699.D
 Acq: 10 Jan 2024 12:44

Tgt Ion:119 Resp: 857313
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 150.437 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 41616

Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.1

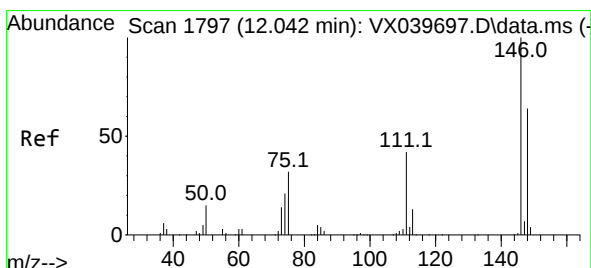
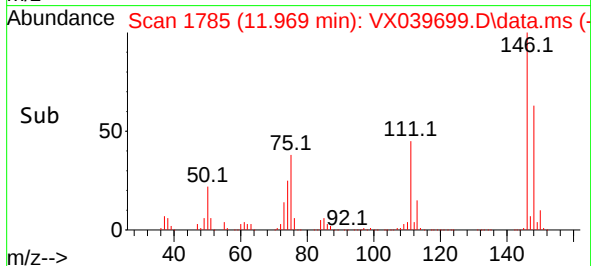
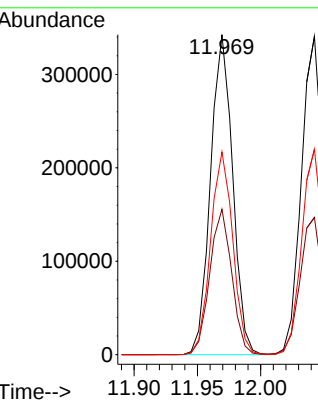
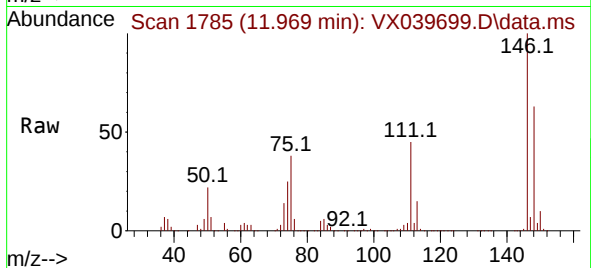
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#88

1,4-Dichlorobenzene

Concen: 145.338 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

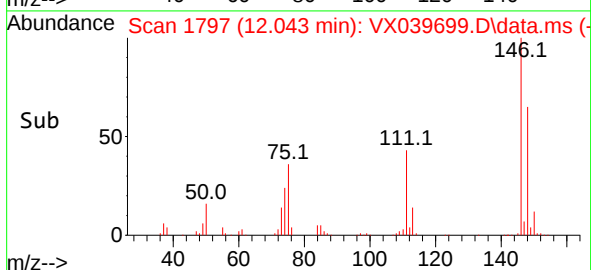
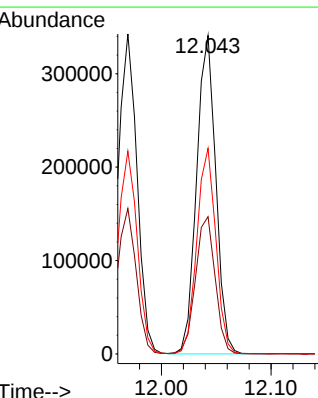
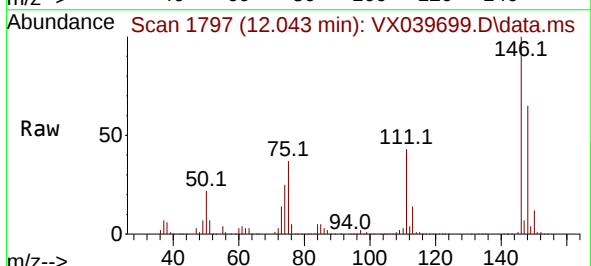
Tgt Ion:146 Resp: 415259

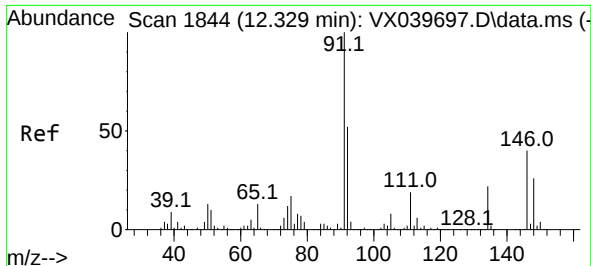
Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 162.288 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 854679

Ion Ratio Lower Upper

91 100

92 52.3 27.4 82.0

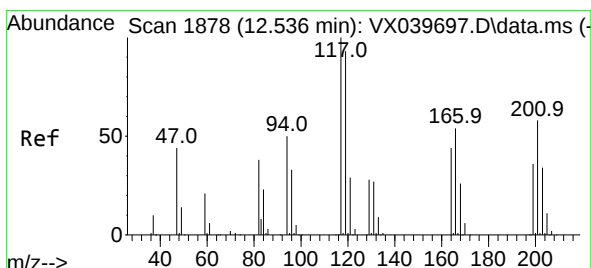
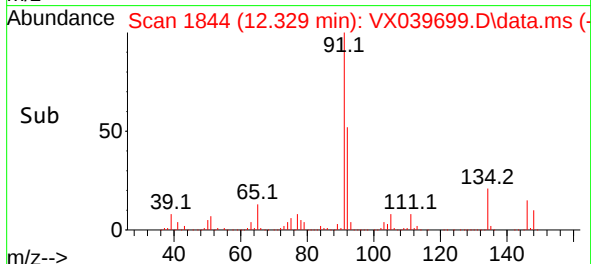
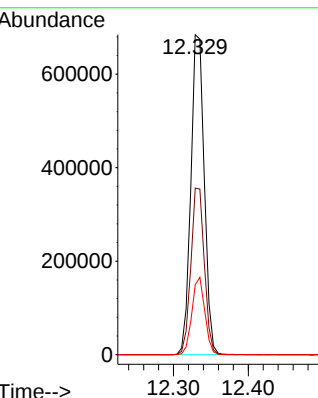
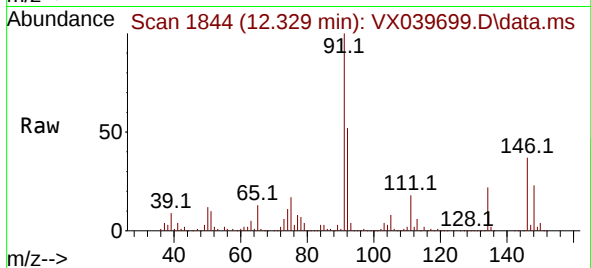
134 23.3 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#90

Hexachloroethane

Concen: 176.622 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039699.D

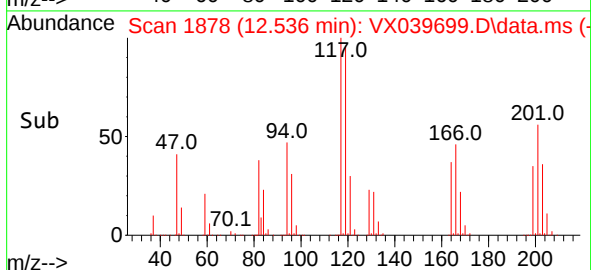
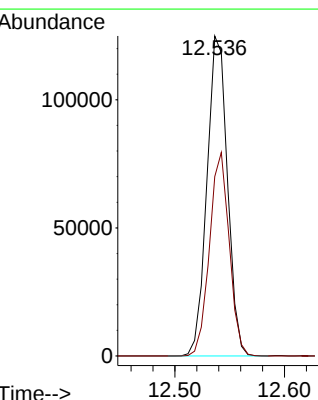
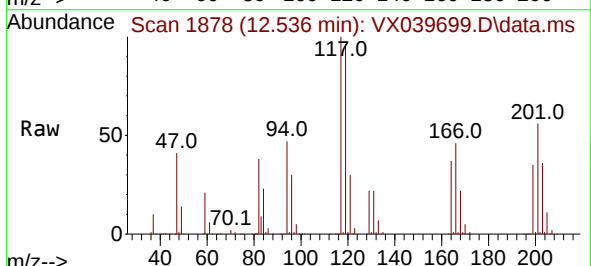
Acq: 10 Jan 2024 12:44

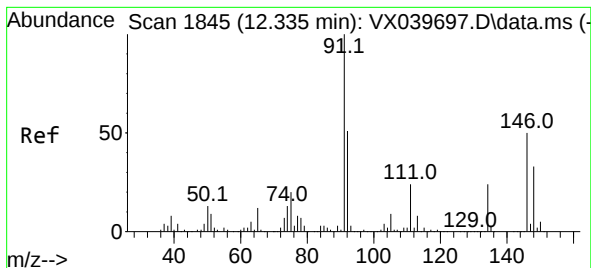
Tgt Ion:117 Resp: 162470

Ion Ratio Lower Upper

117 100

201 61.2 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 143.655 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 392880

Ion Ratio Lower Upper

146 100

111 46.8 22.4 67.0

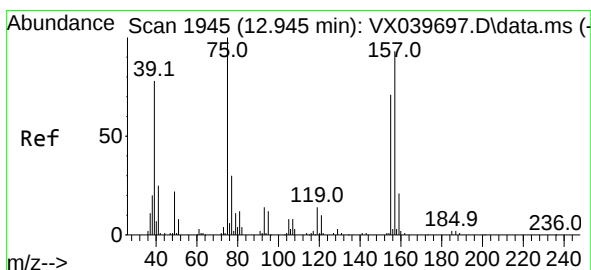
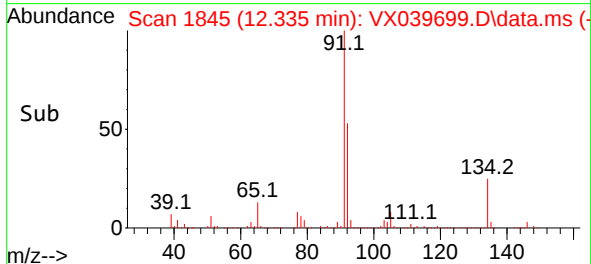
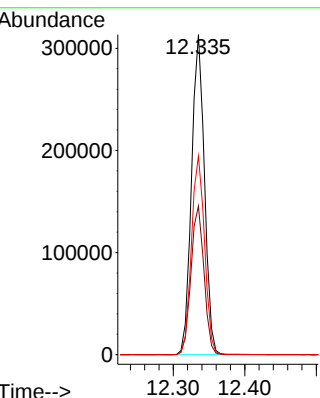
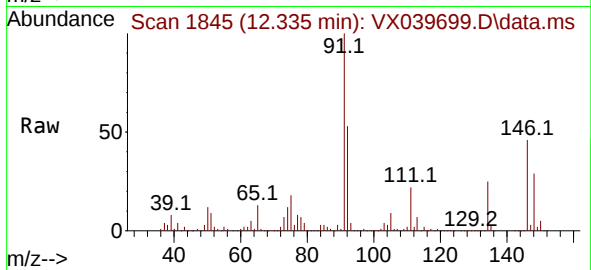
148 63.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 162.272 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

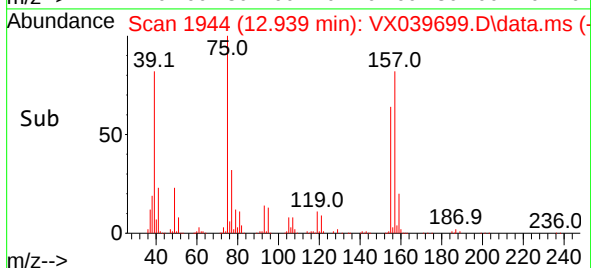
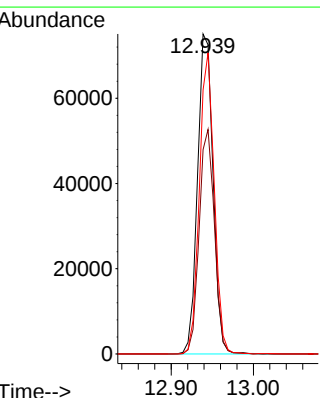
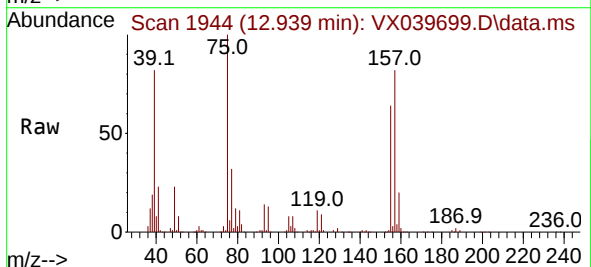
Tgt Ion: 75 Resp: 98417

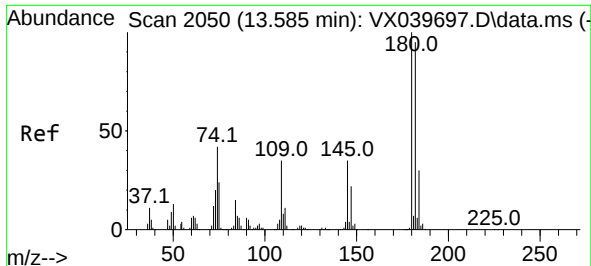
Ion Ratio Lower Upper

75 100

155 69.3 36.1 108.5

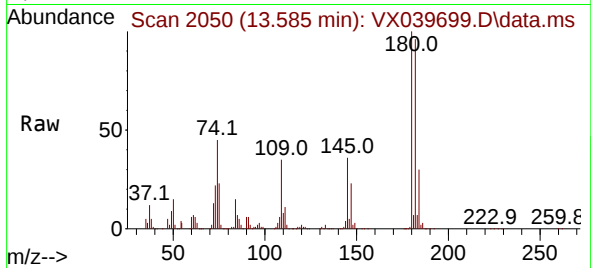
157 90.2 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 157.493 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44

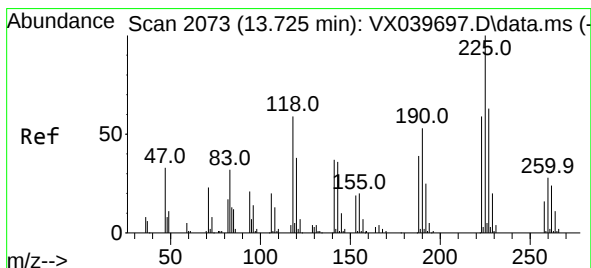
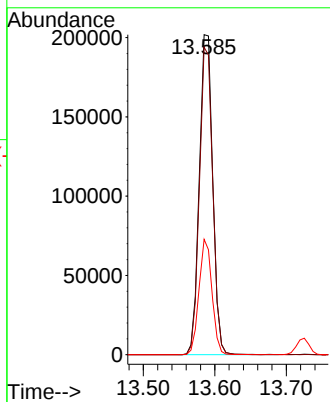
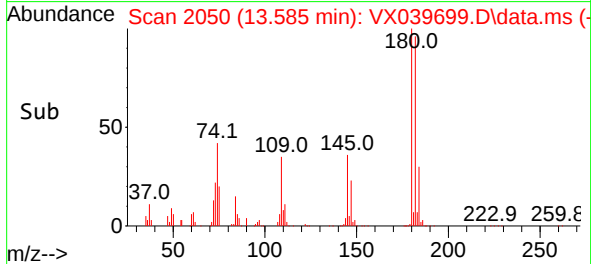
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



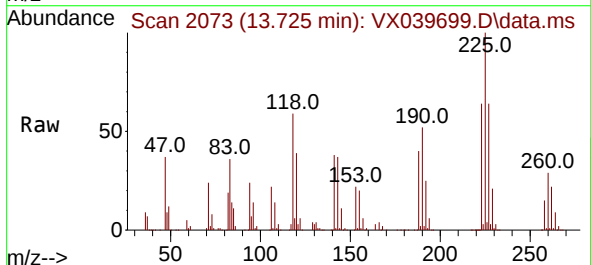
Tgt Ion:180 Resp: 263225
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 34.9 18.0 54.0

Manual Integrations
APPROVED

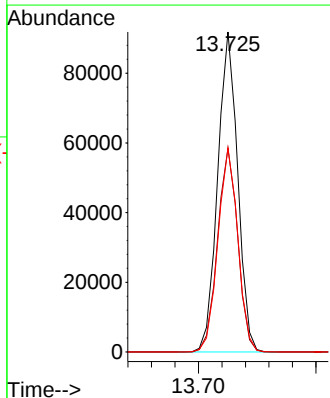
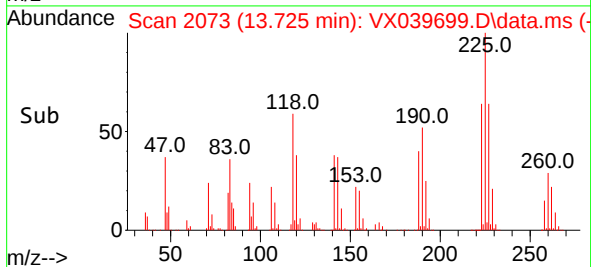
Reviewed By :John Carlone 01/11/2024
Supervised By :Mahesh Dadoda 01/11/2024

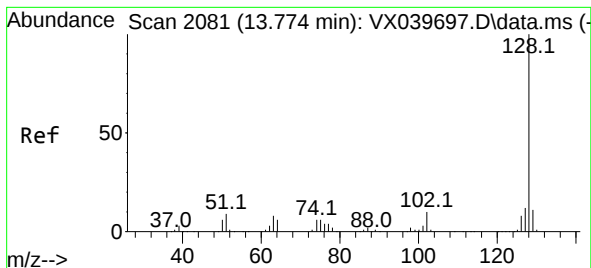


#94
Hexachlorobutadiene
Concen: 156.297 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039699.D
Acq: 10 Jan 2024 12:44



Tgt Ion:225 Resp: 108590
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 63.5 32.5 97.5





#95

Naphthalene

Concen: 157.885 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 971438

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

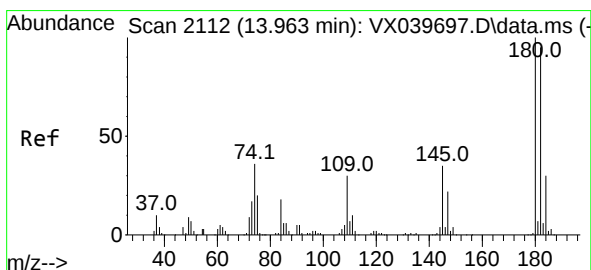
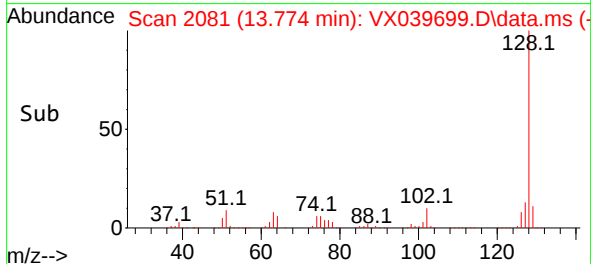
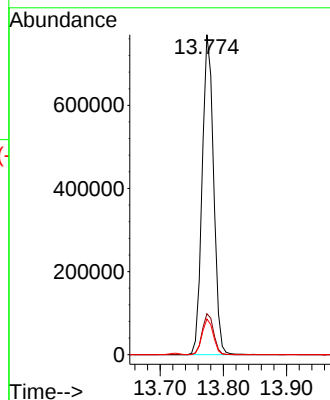
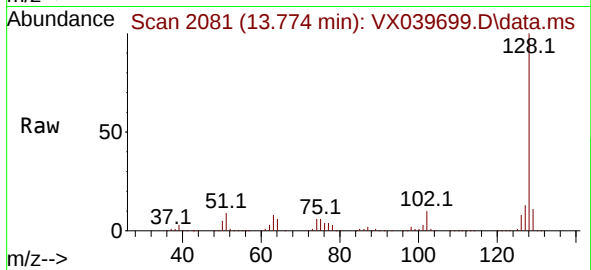
129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/11/2024

Supervised By :Mahesh Dadoda 01/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 155.505 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX039699.D

Acq: 10 Jan 2024 12:44

Tgt Ion:180 Resp: 262307

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.6

145 36.5 17.8 53.5

