

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040443.D
 Acq On : 23 Feb 2024 19:37
 Operator : JC/MD
 Sample : P1539-07MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 23 22:24:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	82011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143952	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72757	54.474	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.940%			
35) Dibromofluoromethane	5.391	113	2263	2.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 4.660%#			
50) Toluene-d8	8.647	98	177548	50.671	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	67432	48.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46232	46.768	ug/l	98
3) Chloromethane	1.294	50	49515	44.309	ug/l	99
4) Vinyl Chloride	1.374	62	52836	47.404	ug/l	95
5) Bromomethane	1.599	94	11561	17.631	ug/l	97
6) Chloroethane	1.678	64	34304	51.066	ug/l	98
7) Trichlorofluoromethane	1.880	101	80002	44.987	ug/l	99
8) Diethyl Ether	2.136	74	30701	48.329	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	40146	42.724	ug/l	98
10) Methyl Iodide	2.453	142	27777	25.405	ug/l	97
11) Tert butyl alcohol	2.965	59	67988	263.340	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	72714	80.232	ug/l	99
13) Acrolein	2.245	56	391	1.266	ug/l #	80
14) Allyl chloride	2.660	41	66938	39.992	ug/l	97
15) Acrylonitrile	3.062	53	128267	211.909	ug/l	99
16) Acetone	2.380	43	149453	268.553	ug/l	96
17) Carbon Disulfide	2.508	76	30732	12.334	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	165305	51.155	ug/l	98
20) Methylene Chloride	2.788	84	54756	46.991	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	47343	46.295	ug/l	99
22) Diisopropyl ether	3.763	45	159060	48.076	ug/l #	74
23) Vinyl Acetate	3.763	43	86270	28.571	ug/l #	74
24) 1,1-Dichloroethane	3.611	63	93079	48.649	ug/l	99
25) 2-Butanone	4.556	43	230611	265.796	ug/l	99
26) 2,2-Dichloropropane	4.477	77	58593	46.920	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	55176	48.417	ug/l	98
28) Bromochloromethane	4.897	49	41342	46.328	ug/l	98
29) Tetrahydrofuran	5.007	42	159058	275.396	ug/l	99
30) Chloroform	5.099	83	98788	47.907	ug/l	98
31) Cyclohexane	5.470	56	67809	42.347	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	81725	47.873	ug/l	98
36) 1,1-Dichloropropene	5.690	75	67835	45.185	ug/l	99
38) Carbon Tetrachloride	5.678	117	65148	46.903	ug/l	98
39) Methylcyclohexane	7.379	83	68857	43.278	ug/l	98
40) Benzene	6.037	78	196676	48.156	ug/l	99
41) Methacrylonitrile	4.922	41	48201	52.923	ug/l	95
42) 1,2-Dichloroethane	6.086	62	87183	51.365	ug/l	99

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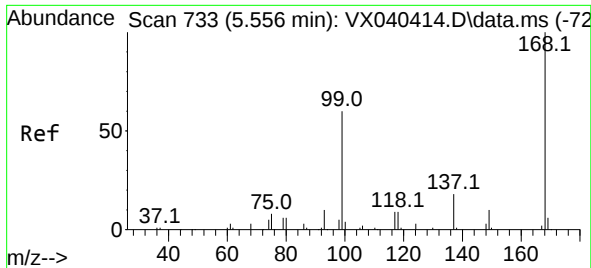
Quant Time: Feb 23 22:24:53 2024
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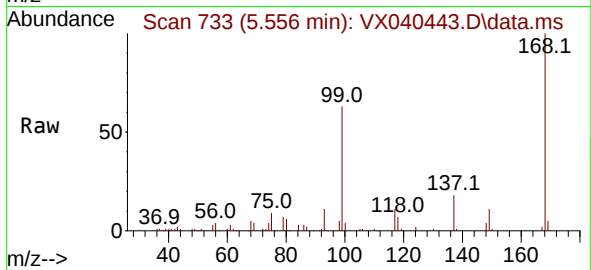
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.123	130	95599	89.499	ug/l	94
45) 1,2-Dichloropropane	7.427	63	53877	49.431	ug/l	96
46) Dibromomethane	7.580	93	41169	50.345	ug/l	98
47) Bromodichloromethane	7.824	83	43357	28.489	ug/l	96
49) 1,4-Dioxane	7.659	88	27674	1053.393	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	482066	269.688	ug/l	97
52) Toluene	8.720	92	121853	48.686	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	65722	42.834	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	44835	27.431	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	8395	7.834	ug/l	92
57) 1,3-Dichloropropane	9.305	76	91084	48.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	216753	263.990	ug/l	96
59) 2-Hexanone	9.427	43	379687	275.417	ug/l	98
60) Dibromochloromethane	9.519	129	40849	38.012	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55524	48.204	ug/l	97
64) Tetrachloroethene	9.275	164	66538	69.325	ug/l	99
65) Chlorobenzene	10.079	112	129307	48.963	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	36339	39.347	ug/l	99
67) Ethyl Benzene	10.195	91	233279	47.088	ug/l	99
68) m/p-Xylenes	10.299	106	171736	95.066	ug/l	96
69) o-Xylene	10.640	106	85216	47.723	ug/l	94
70) Styrene	10.652	104	144927	49.236	ug/l	98
71) Bromoform	10.799	173	35424	47.444	ug/l #	99
73) Isopropylbenzene	10.963	105	217630	48.013	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	63993m	44.923	ug/l	
77) Bromobenzene	11.195	156	55186	49.826	ug/l	97
78) n-propylbenzene	11.305	91	265699	47.455	ug/l	97
79) 2-Chlorotoluene	11.366	91	161281	48.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	188492	48.948	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5868	14.334	ug/l #	69
82) 4-Chlorotoluene	11.451	91	186982	47.745	ug/l	100
83) tert-Butylbenzene	11.713	119	149448	41.174	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	190088	48.923	ug/l	98
85) sec-Butylbenzene	11.890	105	221496	45.839	ug/l	99
86) p-Isopropyltoluene	12.006	119	185199	47.969	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101197	47.772	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	101034	46.006	ug/l	99
89) n-Butylbenzene	12.335	91	174102	45.833	ug/l	96
90) Hexachloroethane	12.542	117	29339	47.450	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	100158	48.894	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4169	11.282	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	65157	49.407	ug/l	95
94) Hexachlorobutadiene	13.725	225	22390	46.877	ug/l	99
95) Naphthalene	13.774	128	241635	57.097	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66178	52.120	ug/l	98

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040443.D
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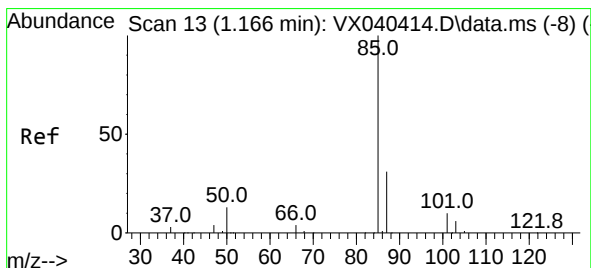
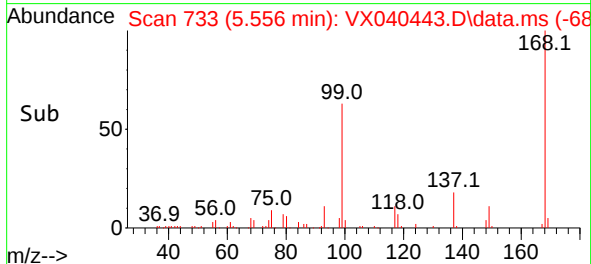
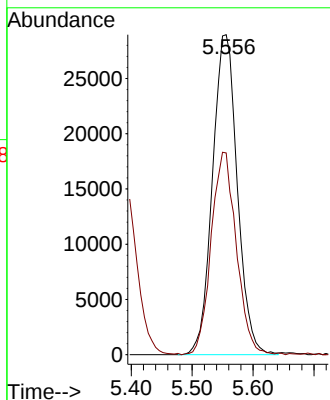
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:168 Resp: 8201
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0

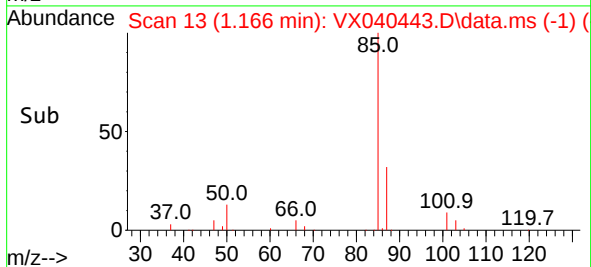
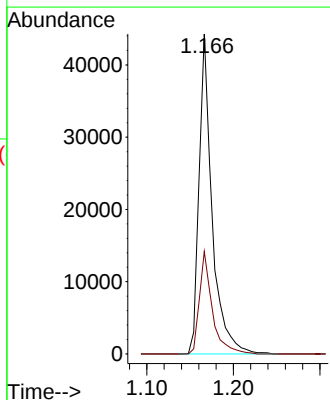
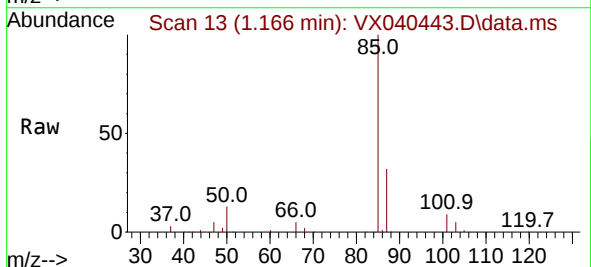
Manual Integrations
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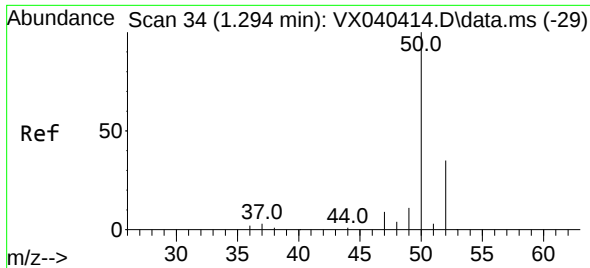
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 46.768 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

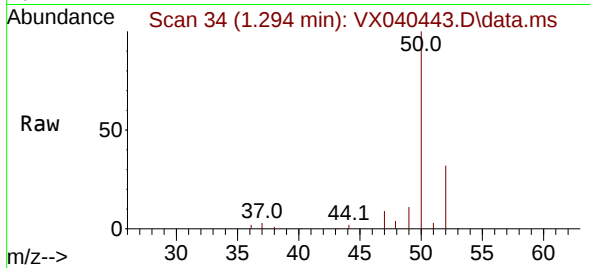
Tgt Ion: 85 Resp: 46232
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 44.309 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

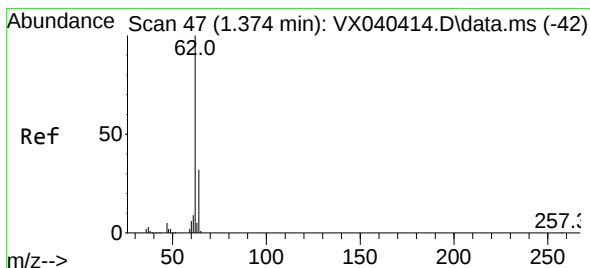
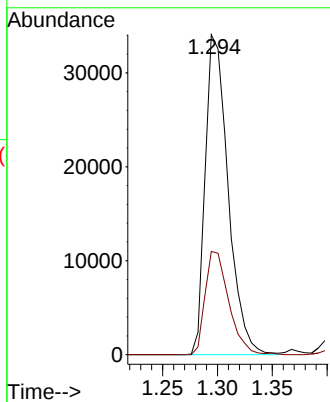
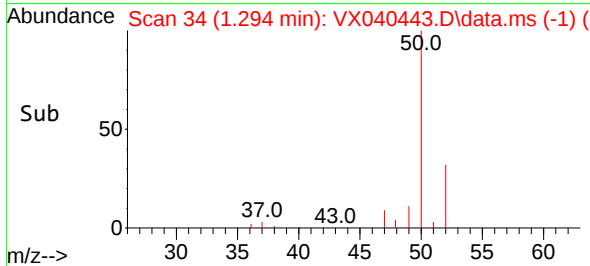
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



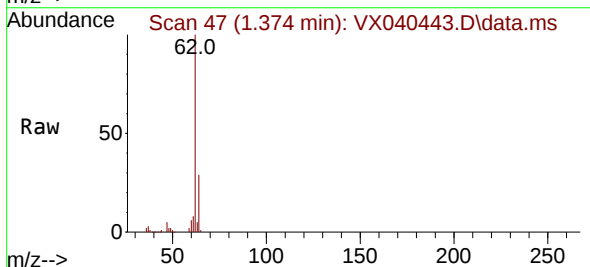
Tgt Ion: 50 Resp: 4951
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

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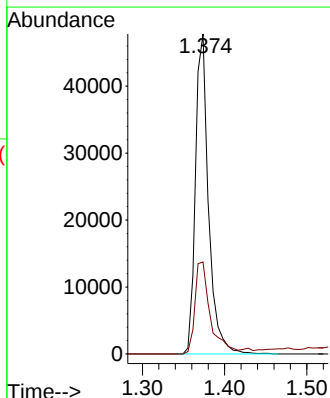
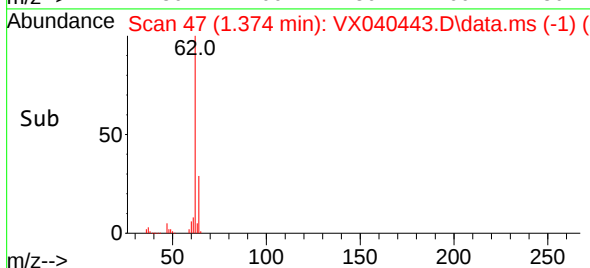
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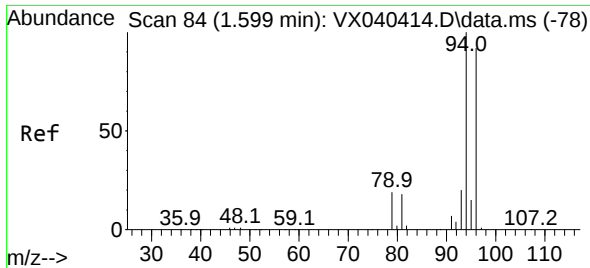


#4
Vinyl Chloride
Concen: 47.404 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



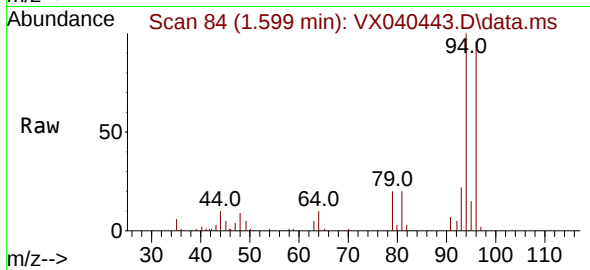
Tgt Ion: 62 Resp: 52836
Ion Ratio Lower Upper
62 100
64 28.8 25.4 38.0





#5
Bromomethane
Concen: 17.631 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

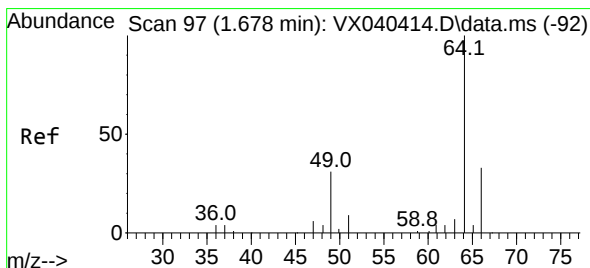
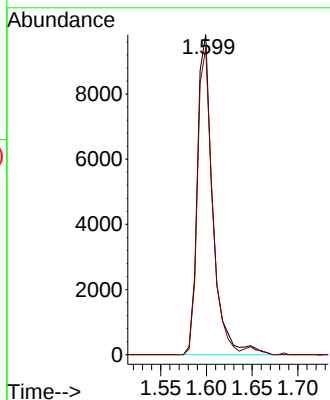
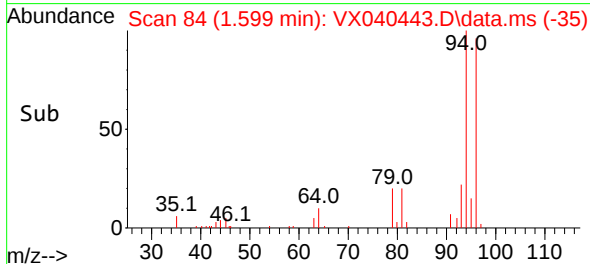
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 94 Resp: 1156
Ion Ratio Lower Upper
94 100
96 95.7 74.6 111.8

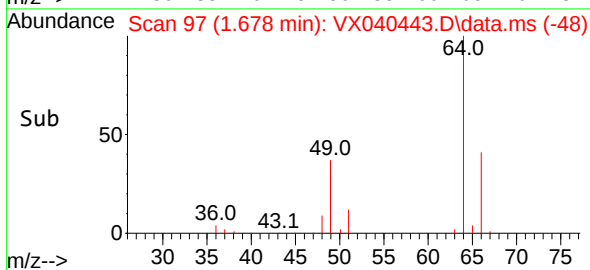
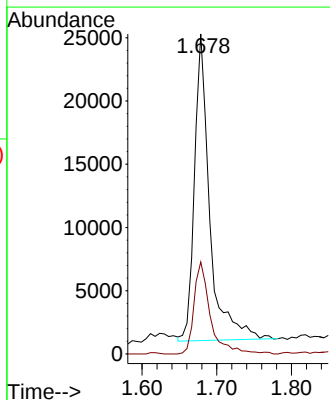
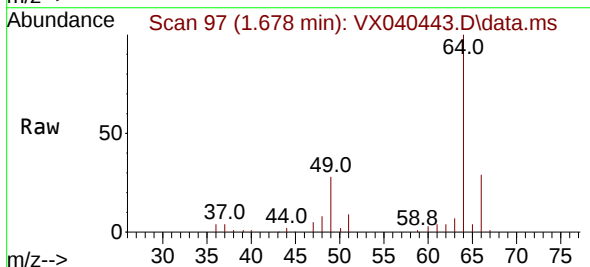
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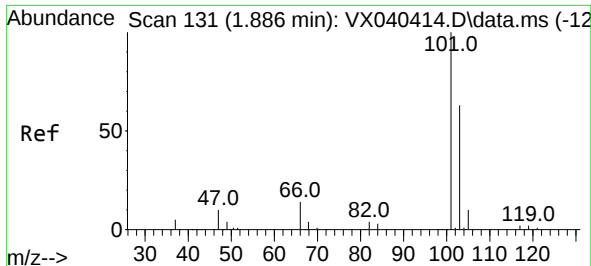
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 51.066 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

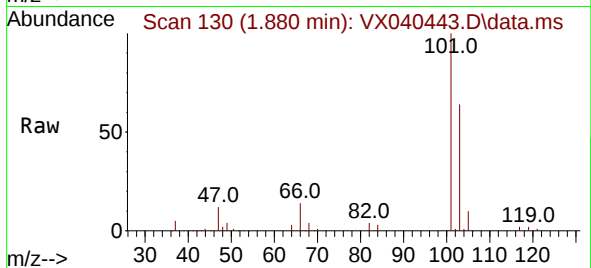
Tgt Ion: 64 Resp: 34304
Ion Ratio Lower Upper
64 100
66 30.2 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 44.987 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

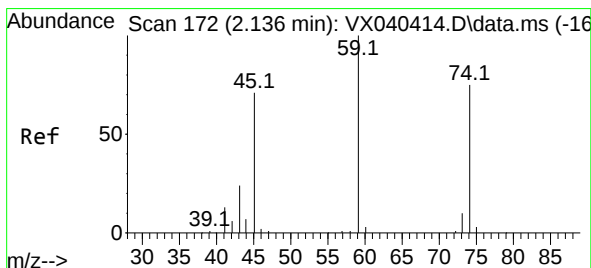
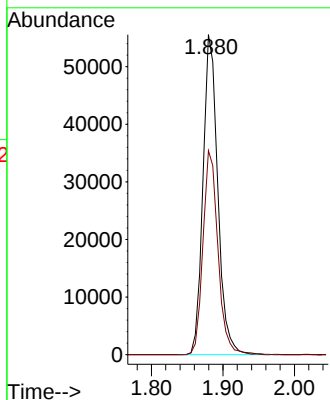
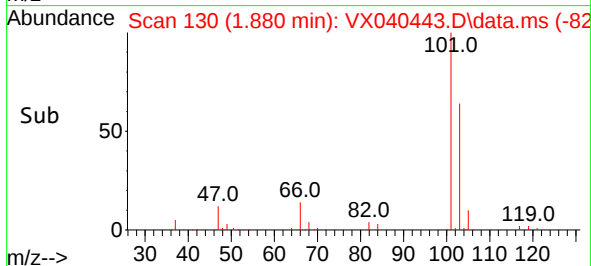
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Tgt Ion:101 Resp: 8000
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

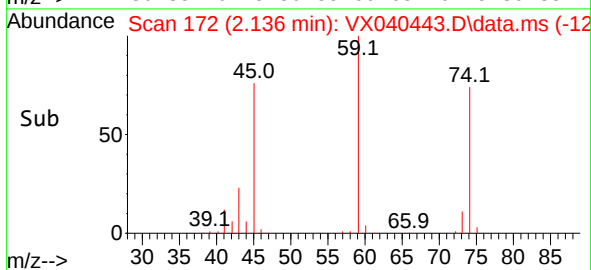
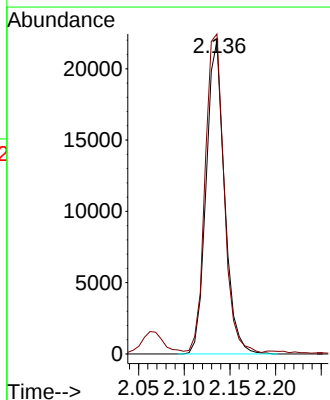
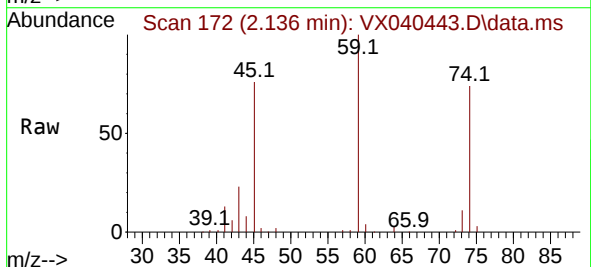
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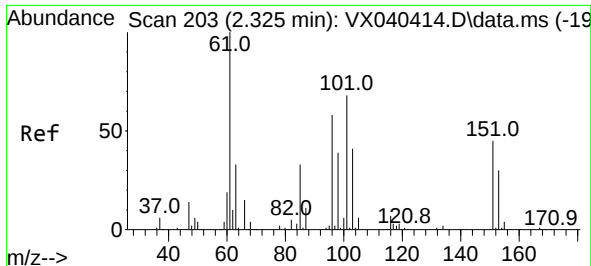
Reviewed By :John Carlone 02/26/2024
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#8
 Diethyl Ether
 Concen: 48.329 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

Tgt Ion: 74 Resp: 30701
 Ion Ratio Lower Upper
 74 100
 45 104.4 53.3 159.8





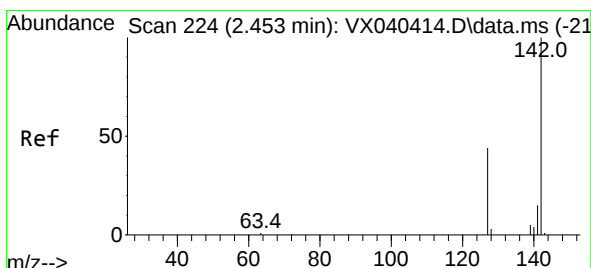
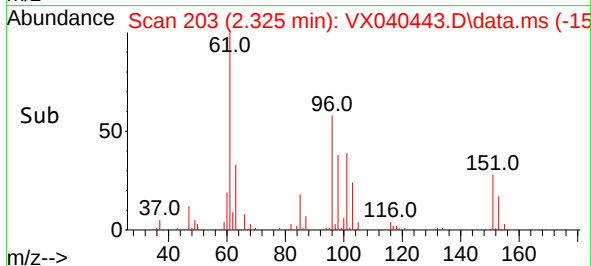
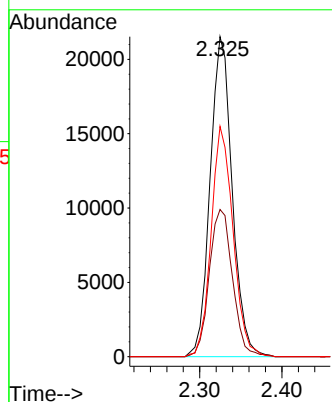
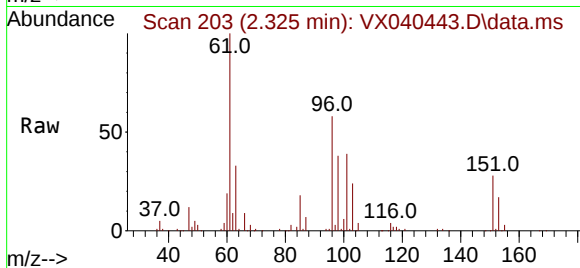
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1,1,2-Trichlorotrifluoroethane
Concen: 42.724 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040443.D
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ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:101 Resp: 40140
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 71.6 58.6 87.8

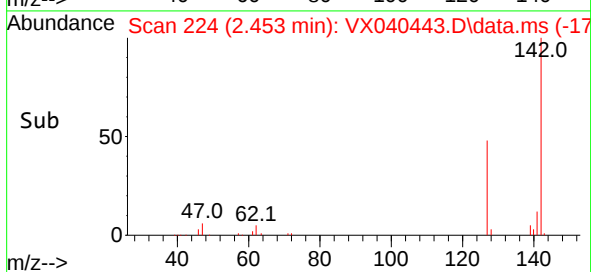
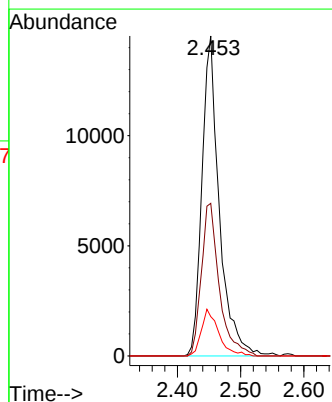
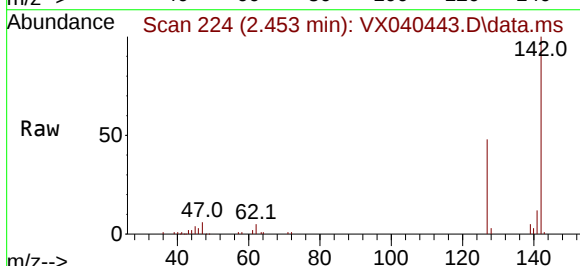
Manual Integrations
APPROVED

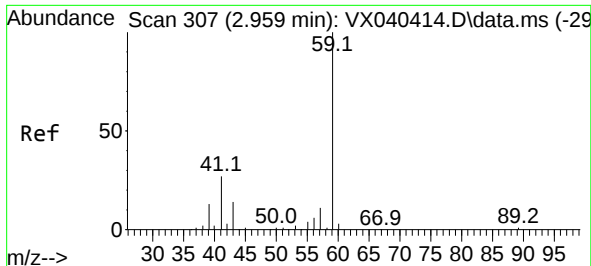
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 25.405 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion:142 Resp: 27777
Ion Ratio Lower Upper
142 100
127 49.1 41.6 62.4
141 14.7 11.6 17.4





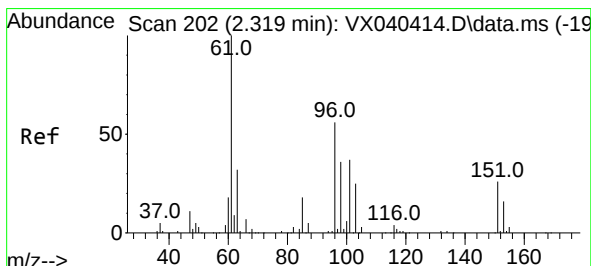
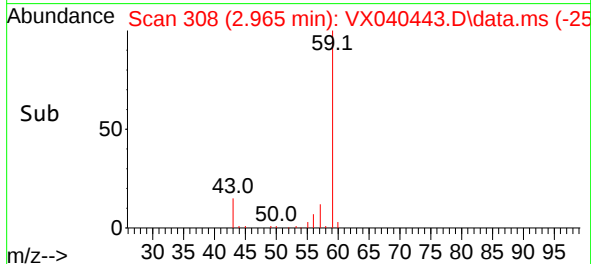
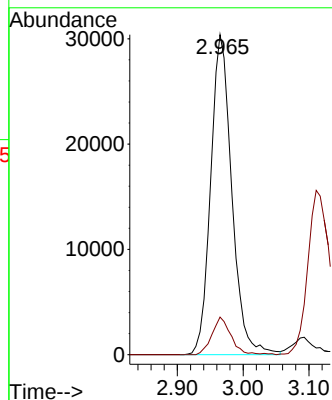
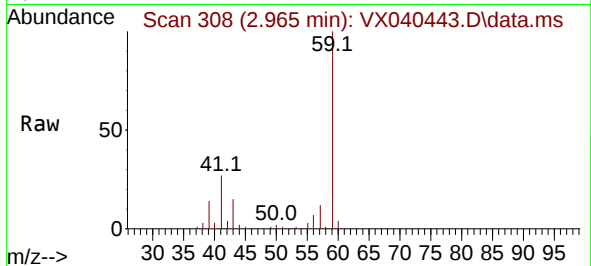
#11
Tert butyl alcohol
Concen: 263.340 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 59 Resp: 67988
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

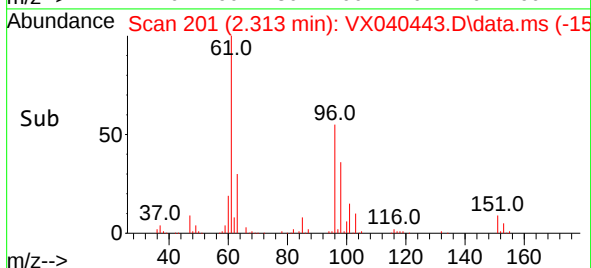
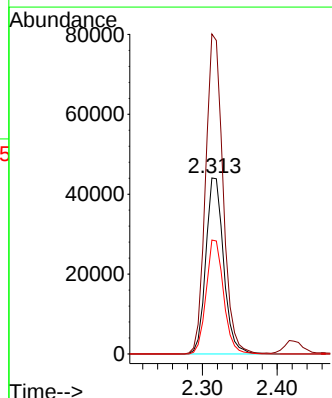
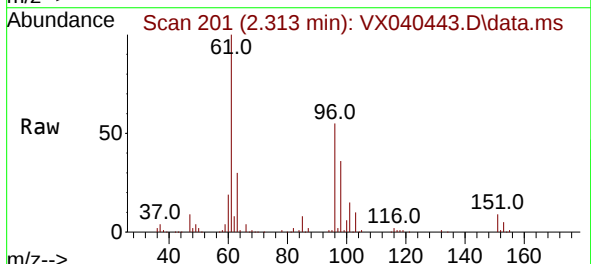
Manual Integrations
APPROVED

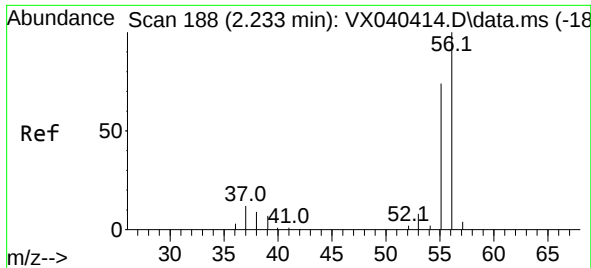
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#12
1,1-Dichloroethene
Concen: 80.232 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 96 Resp: 72714
Ion Ratio Lower Upper
96 100
61 181.8 144.6 216.8
98 64.7 50.4 75.6





#13

Acrolein

Concen: 1.266 ug/l

RT: 2.245 min Scan# 188

Delta R.T. 0.012 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

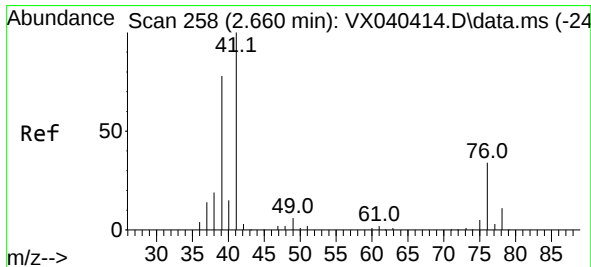
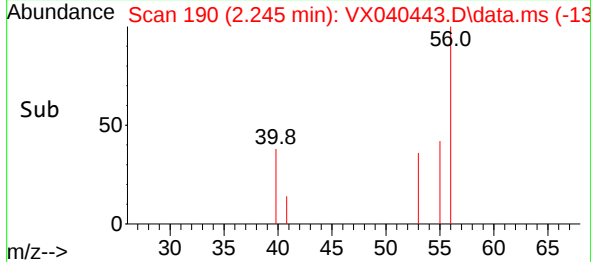
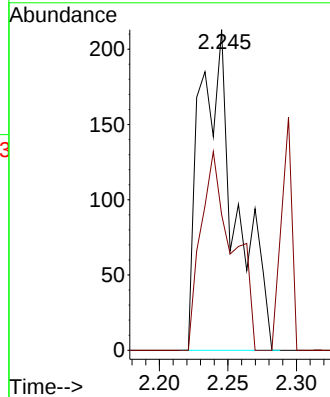
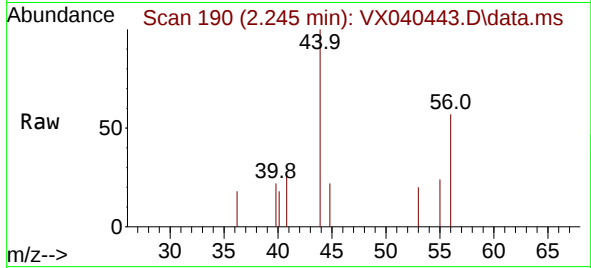
Tgt Ion: 56 Resp: 39
 Ion Ratio Lower Upper
 56 100
 55 55.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#14

Allyl chloride

Concen: 39.992 ug/l

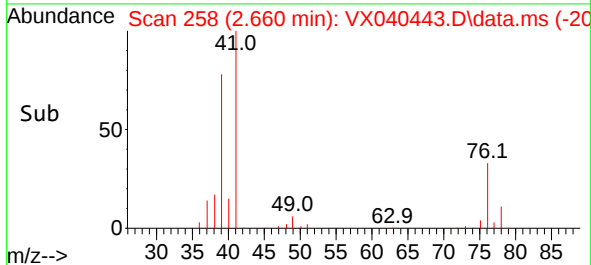
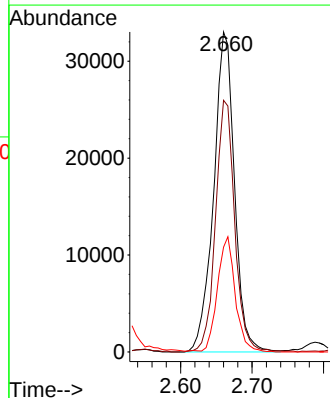
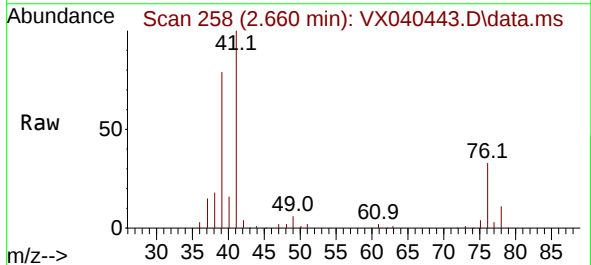
RT: 2.660 min Scan# 258

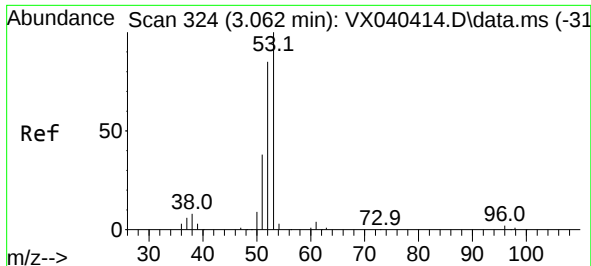
Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

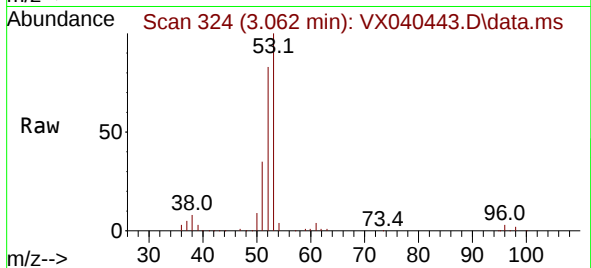
Tgt Ion: 41 Resp: 66938
 Ion Ratio Lower Upper
 41 100
 39 72.5 55.8 83.6
 76 30.9 24.3 36.5





#15
Acrylonitrile
Concen: 211.909 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

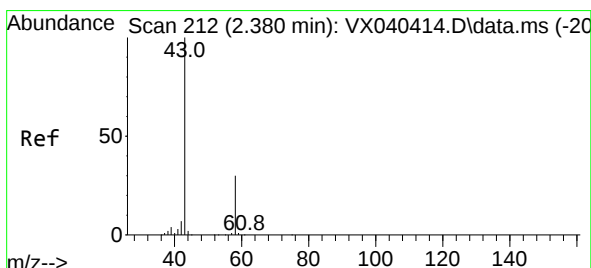
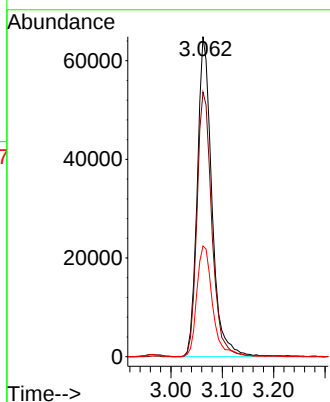
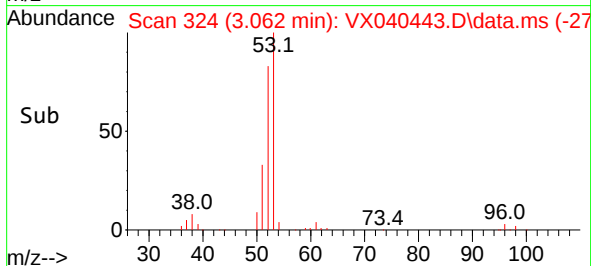
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 53 Resp: 12826
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 37.6 29.8 44.6

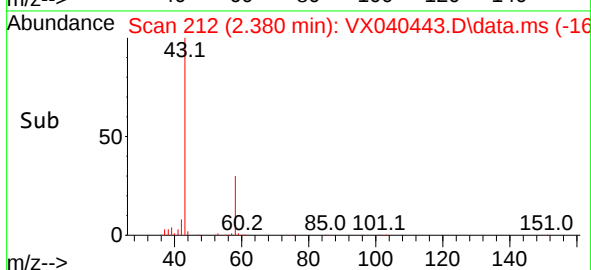
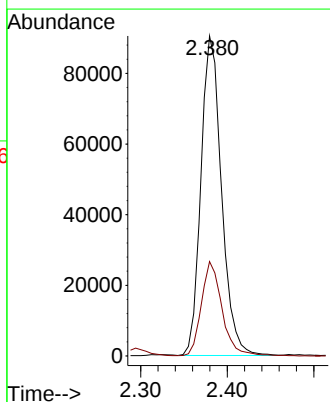
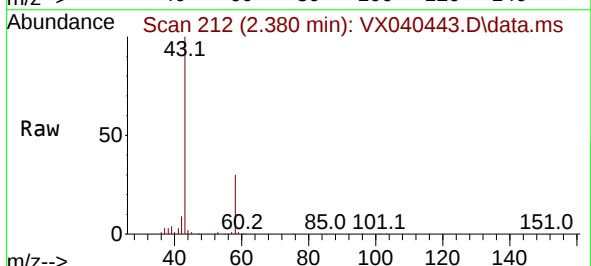
Manual Integrations
APPROVED

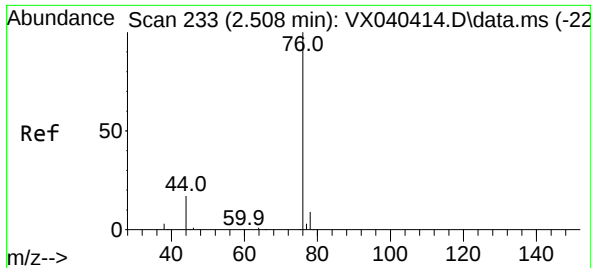
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 268.553 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 43 Resp: 149453
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#17

Carbon Disulfide

Concen: 12.334 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 76 Resp: 3073

Ion Ratio Lower Upper

76 100

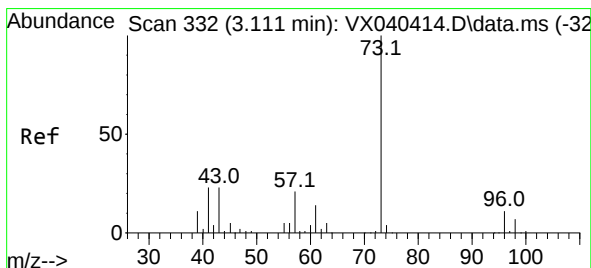
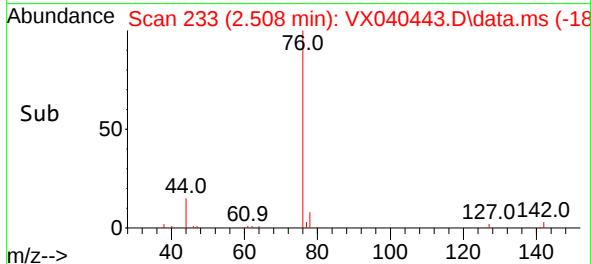
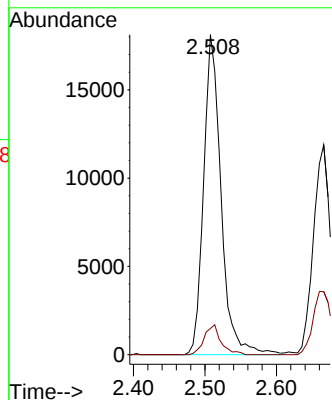
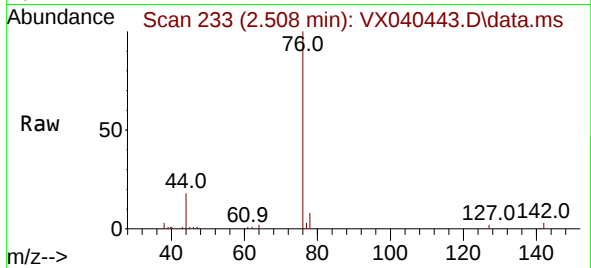
78 8.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#19

Methyl tert-butyl Ether

Concen: 51.155 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX040443.D

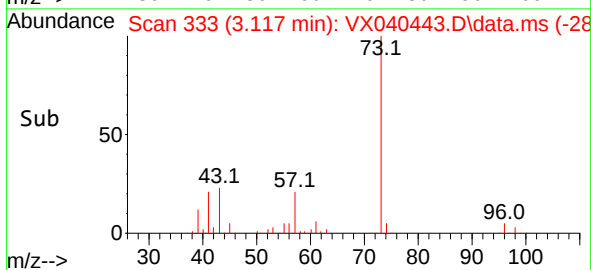
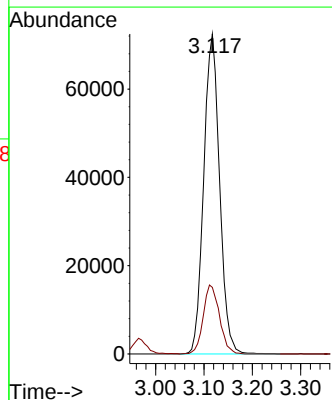
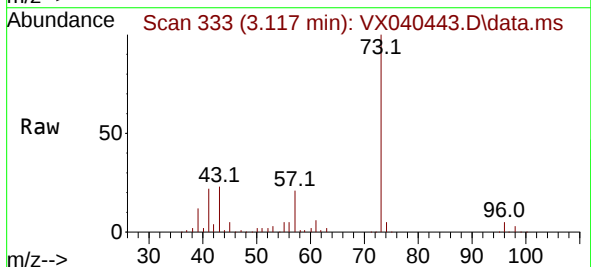
Acq: 23 Feb 2024 19:37

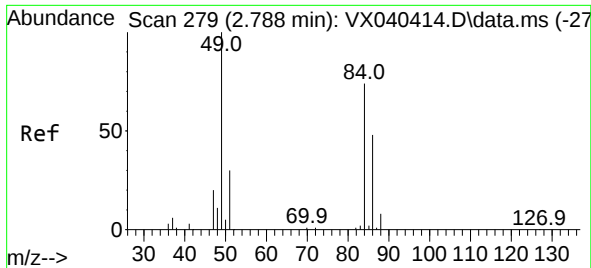
Tgt Ion: 73 Resp: 165305

Ion Ratio Lower Upper

73 100

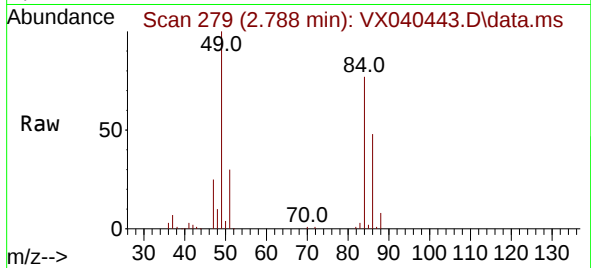
57 20.8 17.3 25.9





#20
Methylene Chloride
Concen: 46.991 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

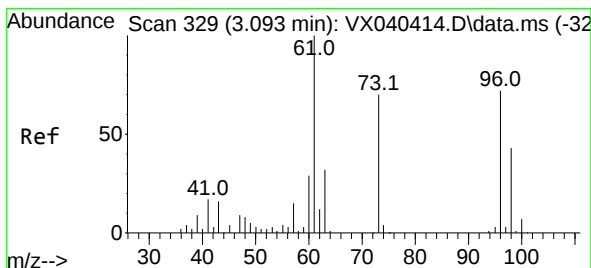
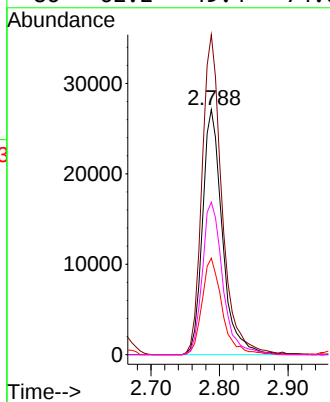
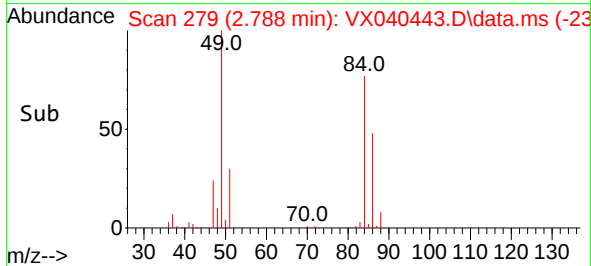
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 84 Resp: 54750
Ion Ratio Lower Upper
84 100
49 130.5 103.6 155.4
51 39.4 33.8 50.6
86 62.2 49.4 74.0

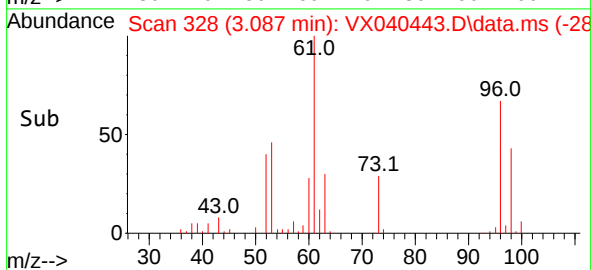
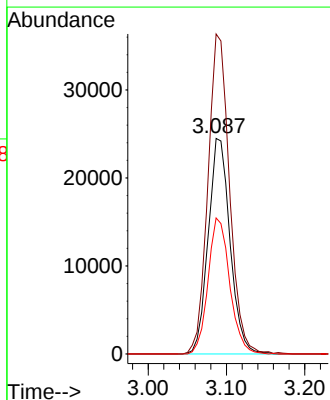
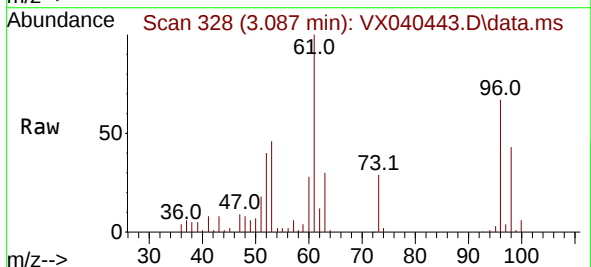
Manual Integrations
APPROVED

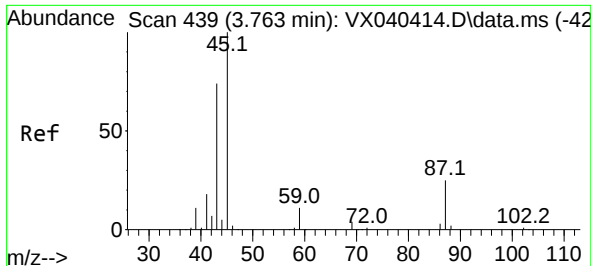
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#21
trans-1,2-Dichloroethene
Concen: 46.295 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

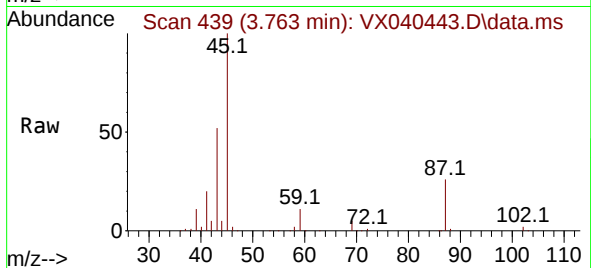
Tgt Ion: 96 Resp: 47343
Ion Ratio Lower Upper
96 100
61 148.5 119.2 178.8
98 63.1 48.7 73.1





#22
Diisopropyl ether
Concen: 48.076 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

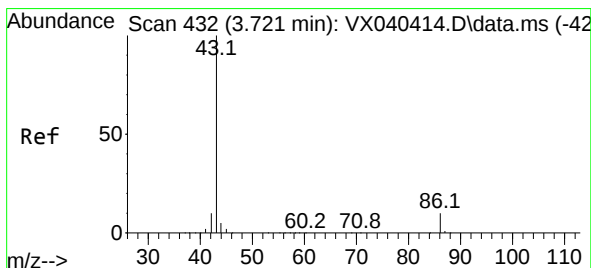
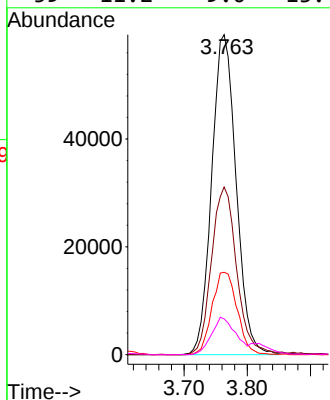
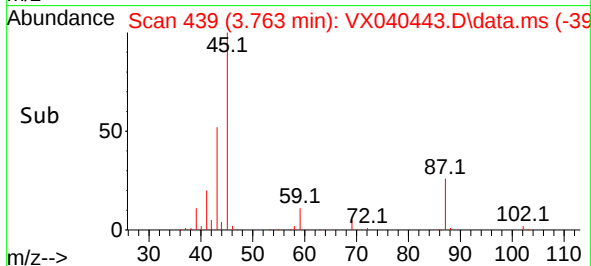
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 45 Resp: 159060
Ion Ratio Lower Upper
45 100
43 52.4 69.7 104.5
87 25.7 20.8 31.2
59 11.2 9.0 13.4

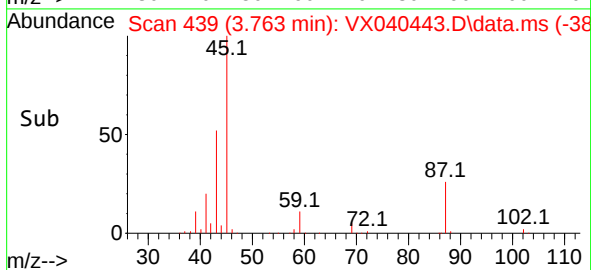
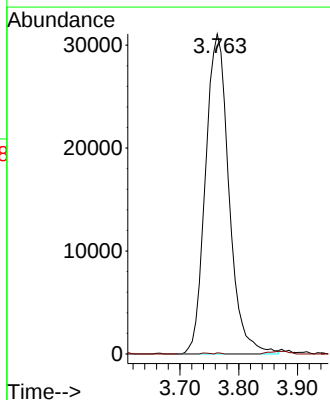
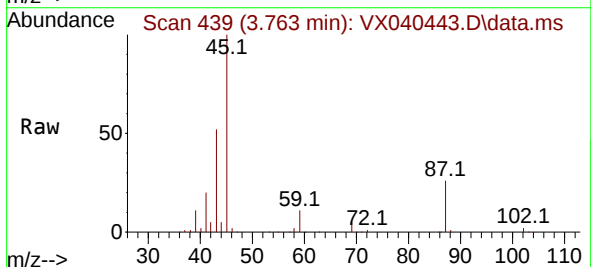
Manual Integrations
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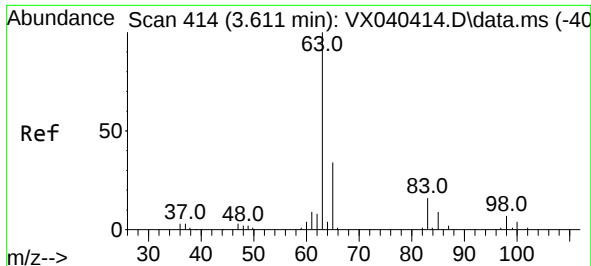
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#23
Vinyl Acetate
Concen: 28.571 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.043 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

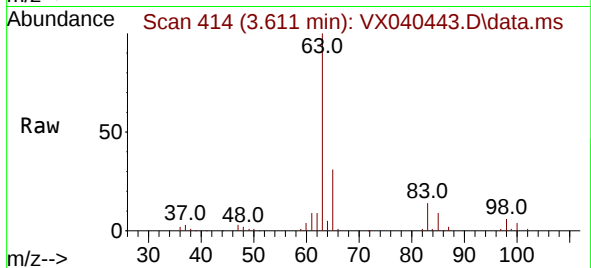
Tgt Ion: 43 Resp: 86270
Ion Ratio Lower Upper
43 100
86 0.4 7.8 11.8#





#24
1,1-Dichloroethane
Concen: 48.649 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

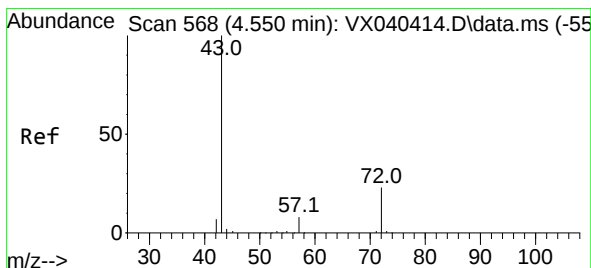
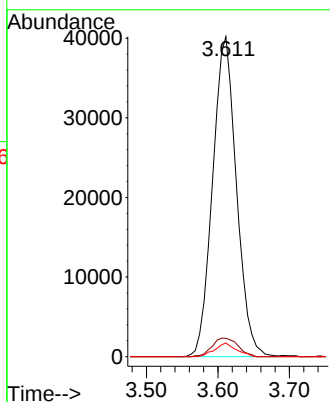
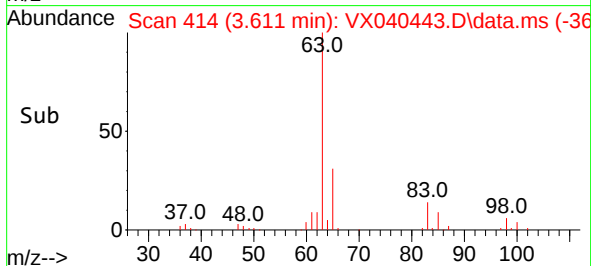
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 63 Resp: 93079
Ion Ratio Lower Upper
63 100
98 5.8 3.3 9.8
100 4.3 2.1 6.5

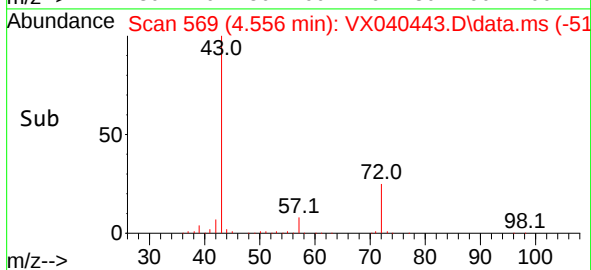
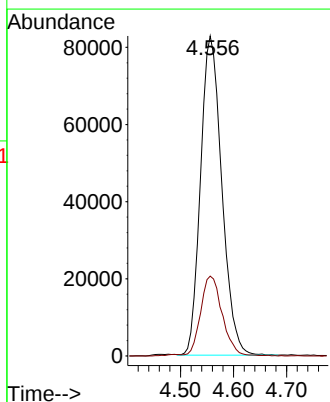
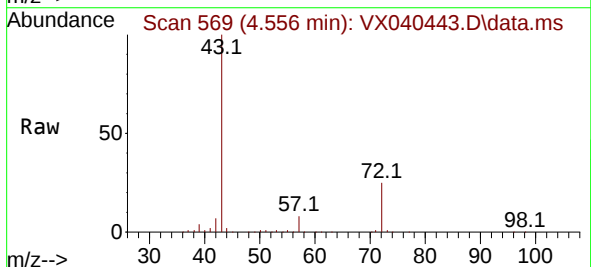
Manual Integrations
APPROVED

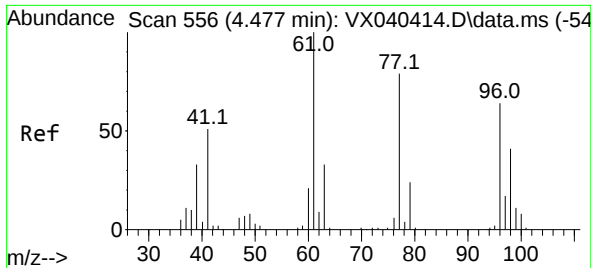
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#25
2-Butanone
Concen: 265.796 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 43 Resp: 230611
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2





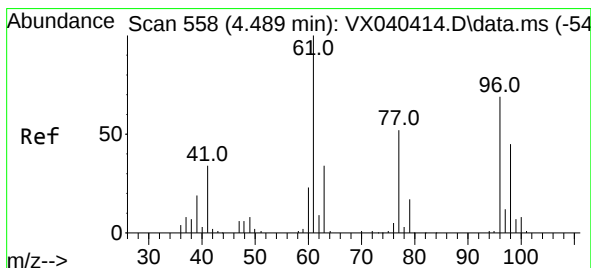
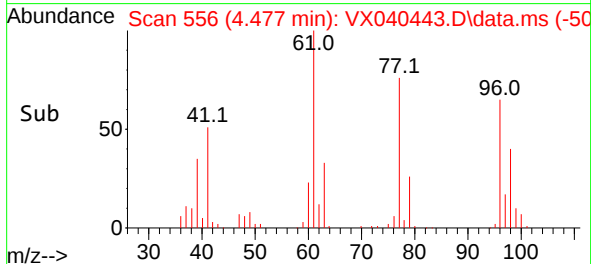
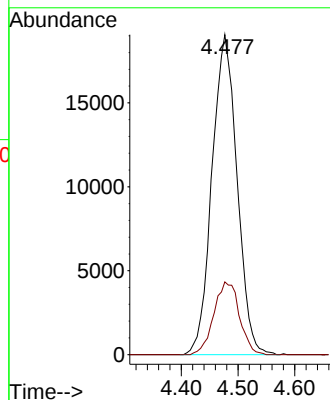
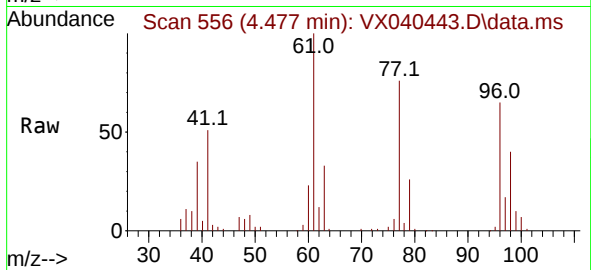
#26
2,2-Dichloropropane
Concen: 46.920 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 77 Resp: 5859
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3

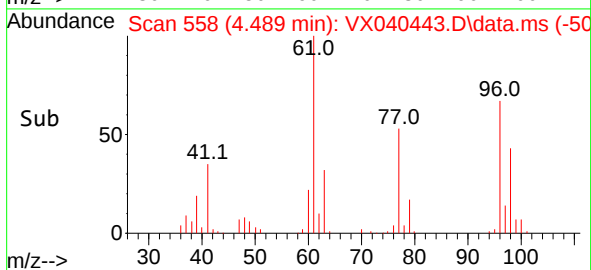
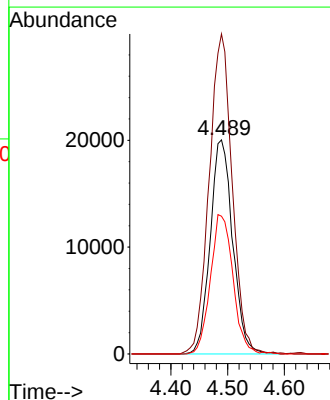
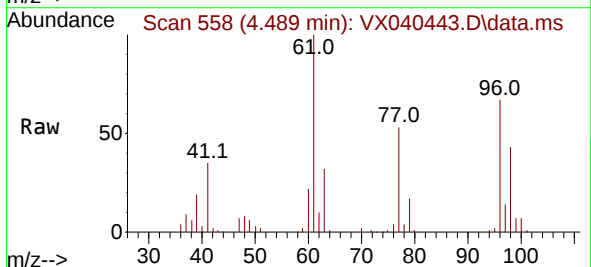
Manual Integrations
APPROVED

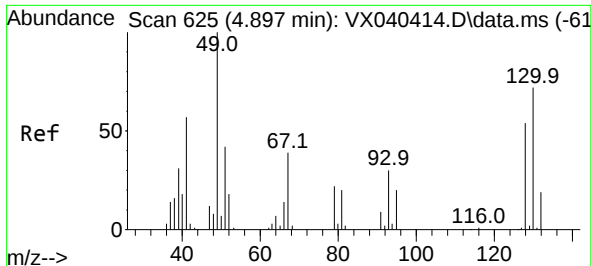
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#27
cis-1,2-Dichloroethene
Concen: 48.417 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 96 Resp: 55176
Ion Ratio Lower Upper
96 100
61 152.5 0.0 312.2
98 65.3 0.0 129.0





#28

Bromochloromethane

Concen: 46.328 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX040443.D

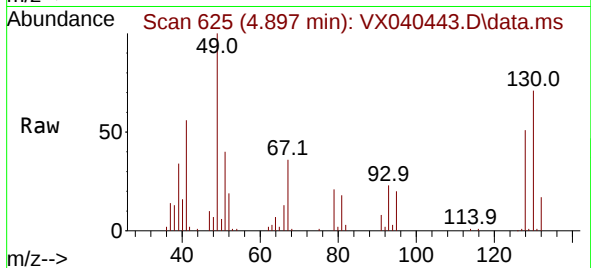
Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS



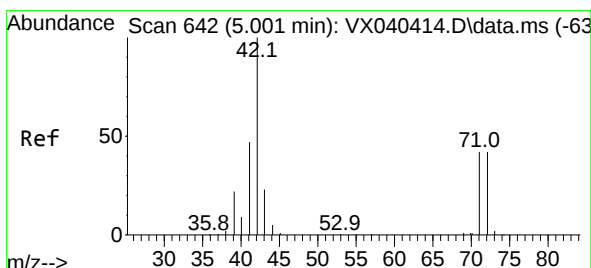
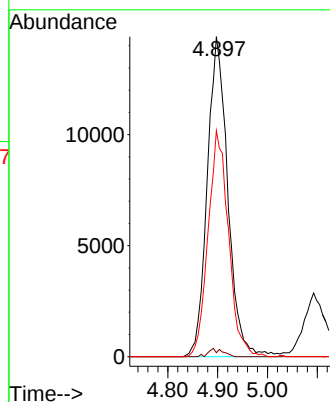
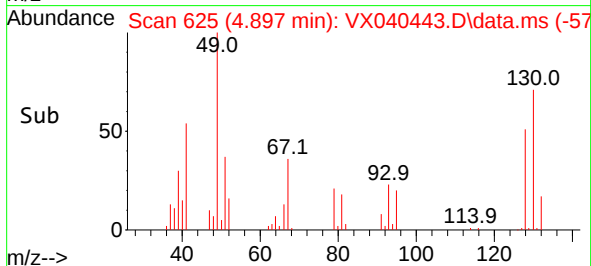
Tgt Ion:	49	Resp:	4134
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	69.9	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#29

Tetrahydrofuran

Concen: 275.396 ug/l

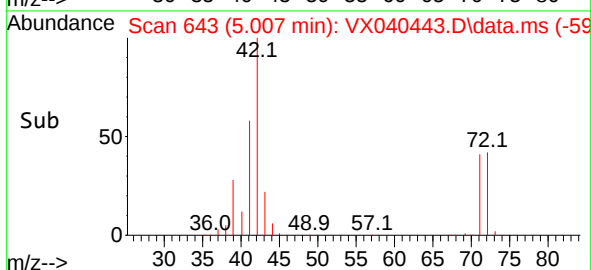
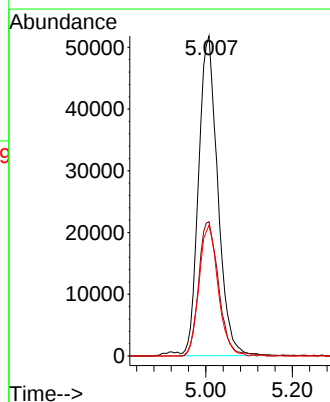
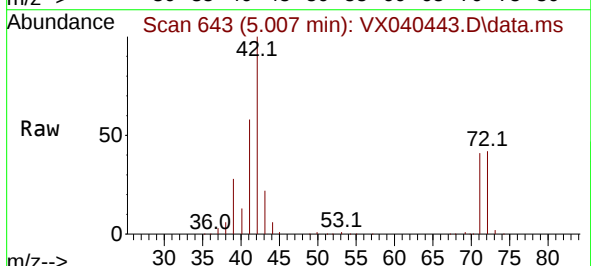
RT: 5.007 min Scan# 643

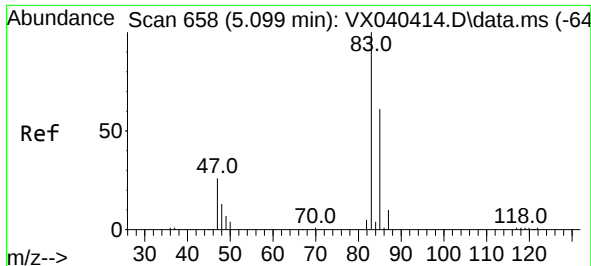
Delta R.T. 0.006 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Tgt Ion:	42	Resp:	159058
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.2	51.4
71	40.8	32.2	48.2





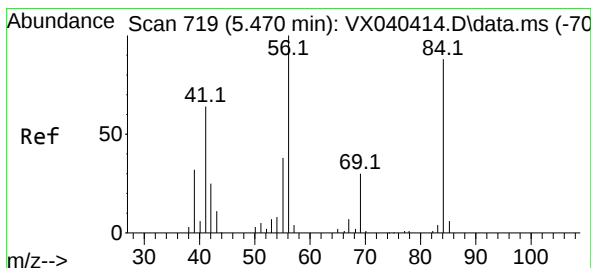
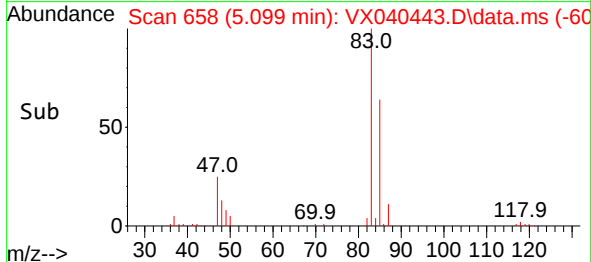
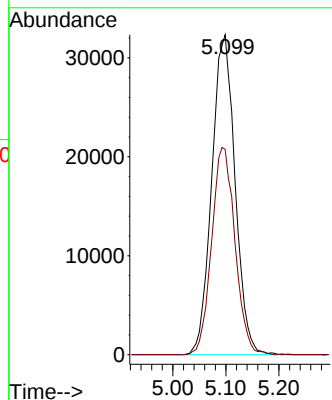
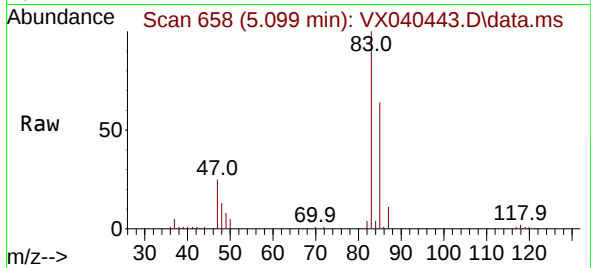
#30
Chloroform
Concen: 47.907 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 83 Resp: 98788
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5

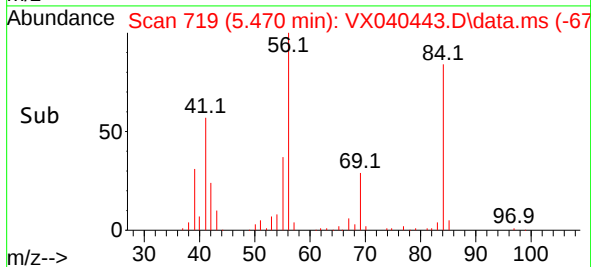
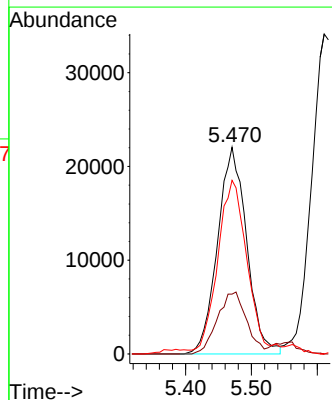
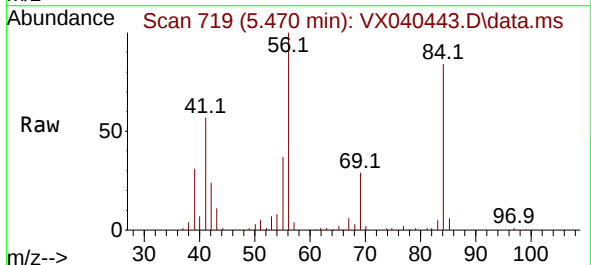
Manual Integrations
APPROVED

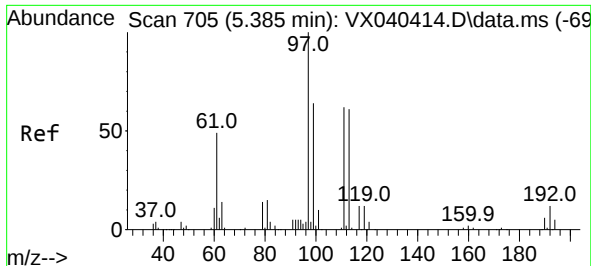
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#31
Cyclohexane
Concen: 42.347 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

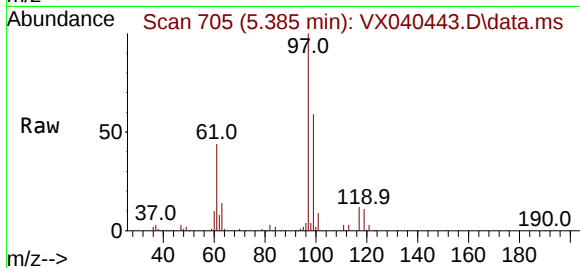
Tgt Ion: 56 Resp: 67809
Ion Ratio Lower Upper
56 100
69 28.9 23.4 35.2
84 82.0 65.9 98.9





#32
1,1,1-Trichloroethane
Concen: 47.873 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

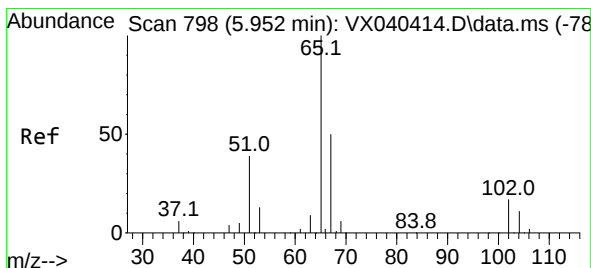
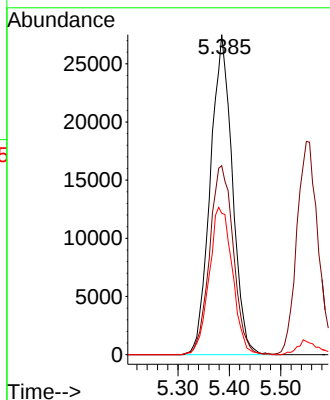
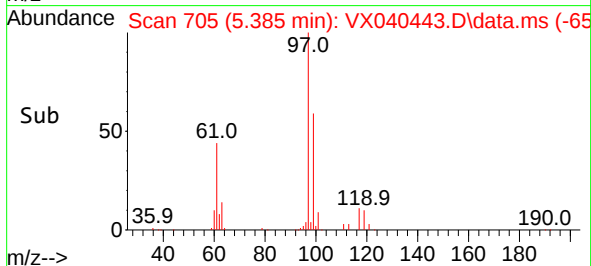
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 97 Resp: 81725
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 48.8 36.4 54.6

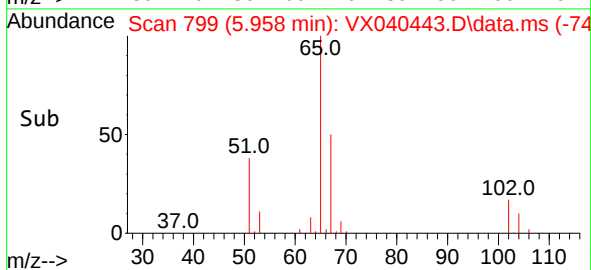
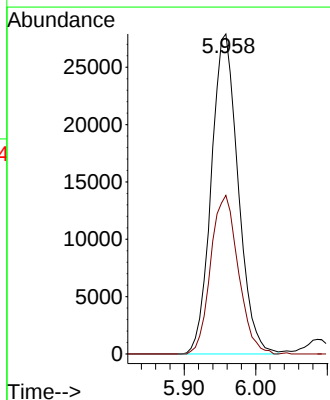
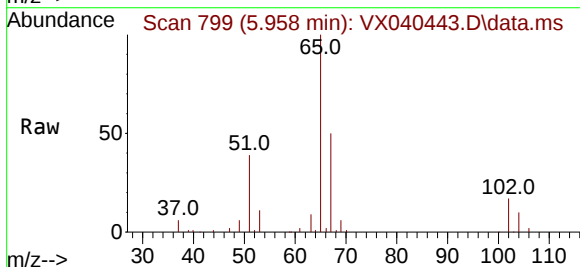
Manual Integrations
APPROVED

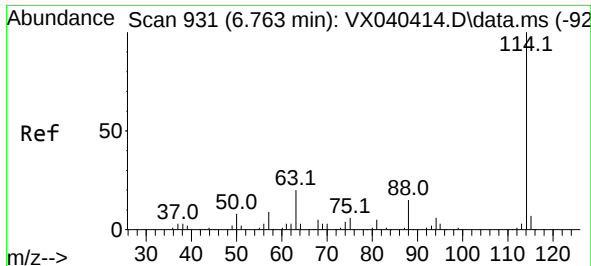
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#33
1,2-Dichloroethane-d4
Concen: 54.474 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 65 Resp: 72757
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

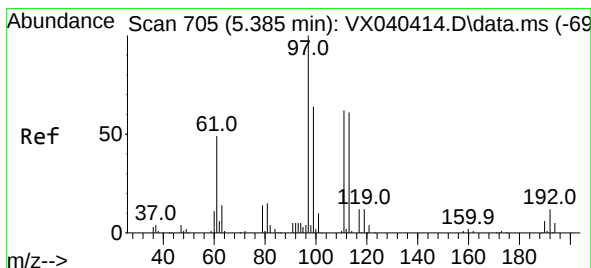
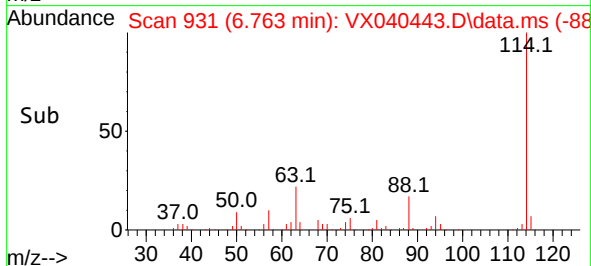
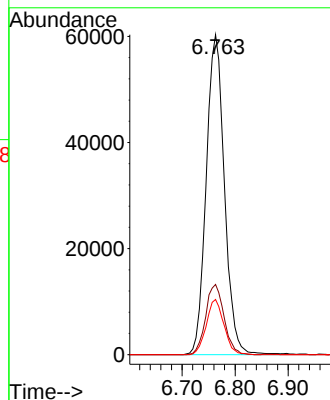
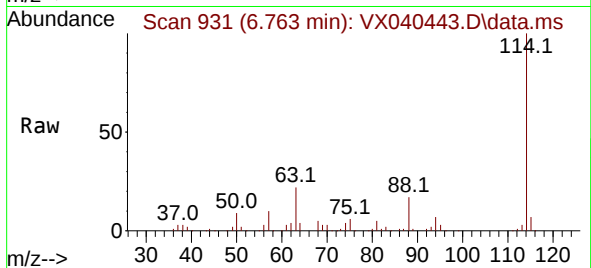
Tgt Ion:	114	Resp:	14395
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	45.0
88	17.3	0.0	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#35

Dibromofluoromethane

Concen: 2.333 ug/l

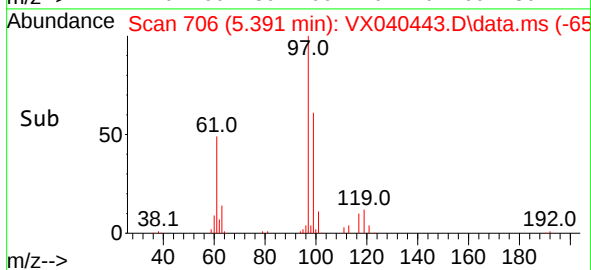
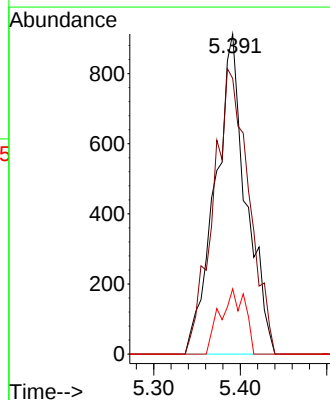
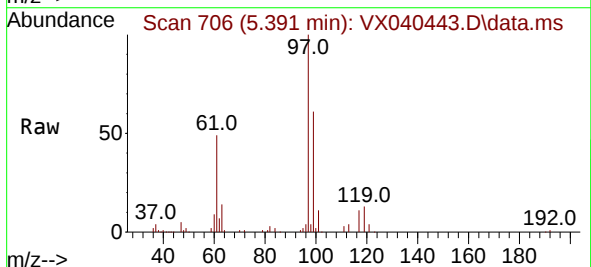
RT: 5.391 min Scan# 706

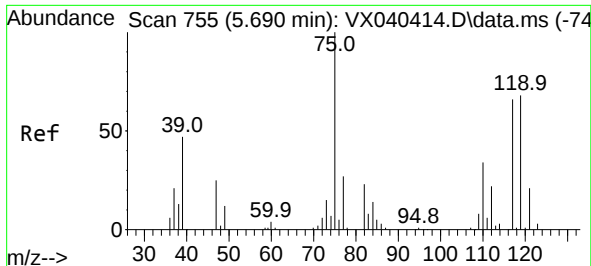
Delta R.T. 0.006 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Tgt Ion:	113	Resp:	2263
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.9	124.3
192	16.4	13.3	19.9





#36

1,1-Dichloropropene

Concen: 45.185 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 75 Resp: 6783

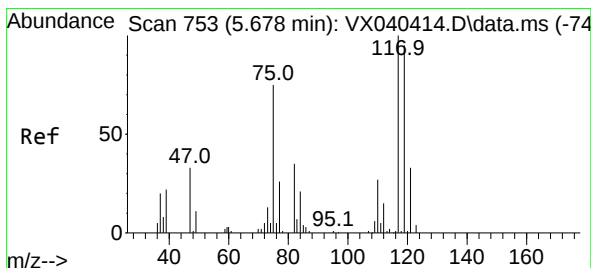
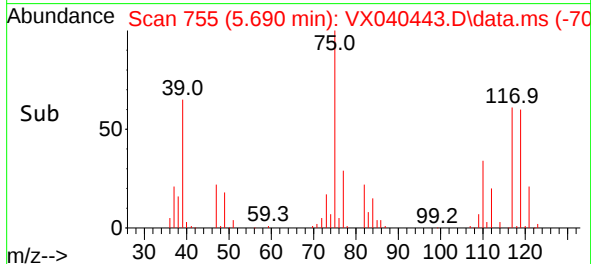
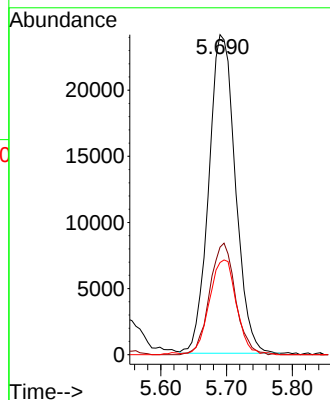
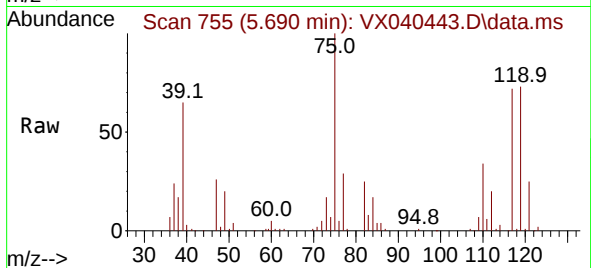
Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.0	50.9
77	30.3	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#38

Carbon Tetrachloride

Concen: 46.903 ug/l

RT: 5.678 min Scan# 753

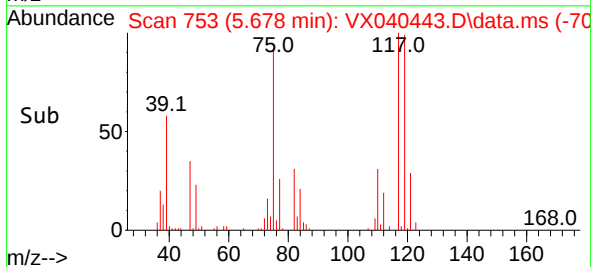
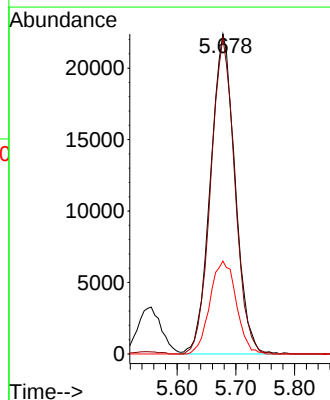
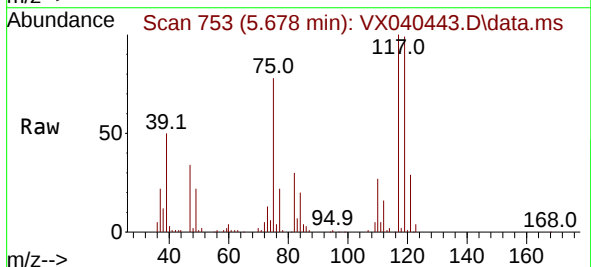
Delta R.T. 0.000 min

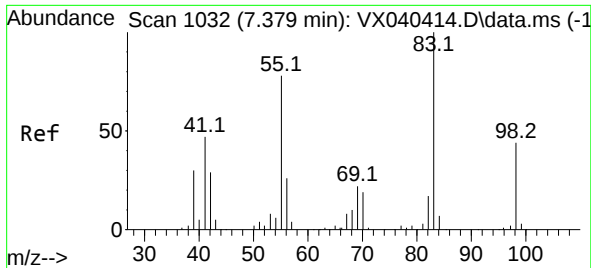
Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Tgt Ion:117 Resp: 65148

Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.2
121	29.0	24.4	36.6





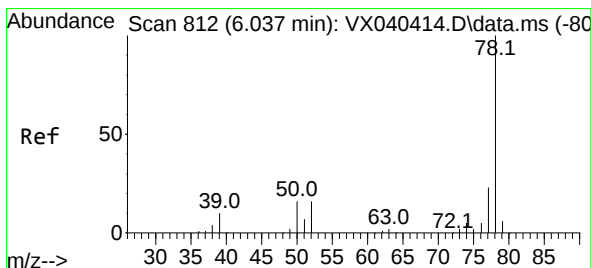
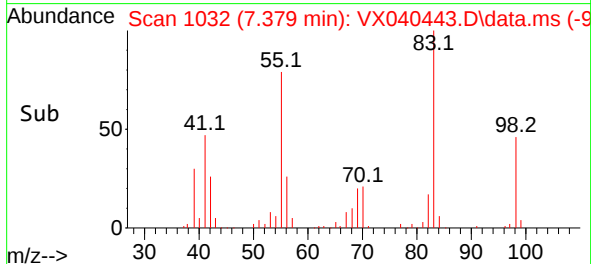
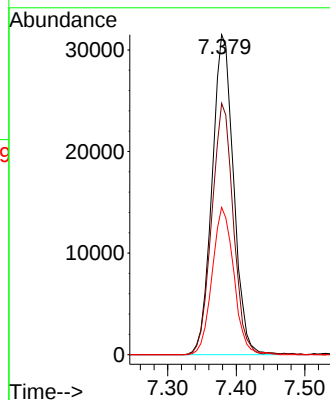
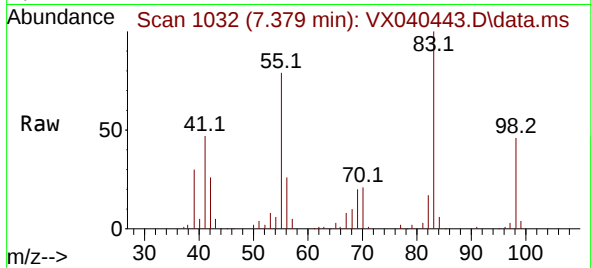
#39
Methylcyclohexane
Concen: 43.278 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 83 Resp: 6885
Ion Ratio Lower Upper
83 100
55 78.6 64.6 97.0
98 46.0 36.7 55.1

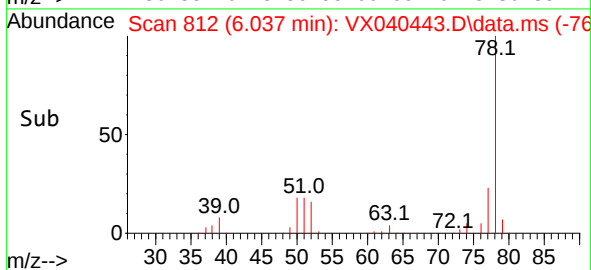
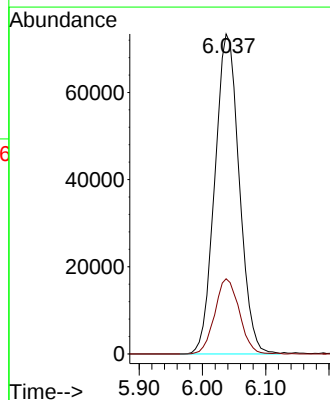
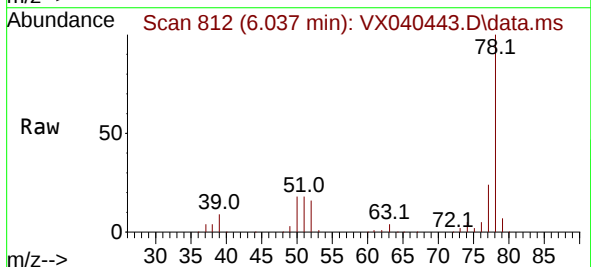
Manual Integrations
APPROVED

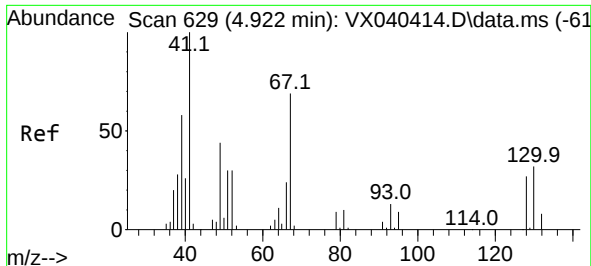
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 48.156 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

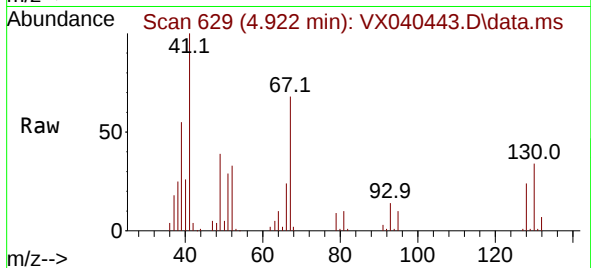
Tgt Ion: 78 Resp: 196676
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.923 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

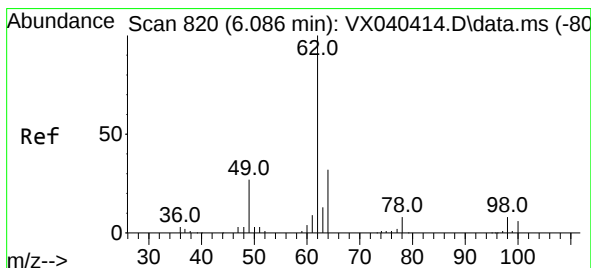
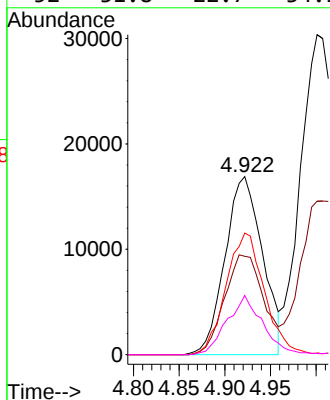
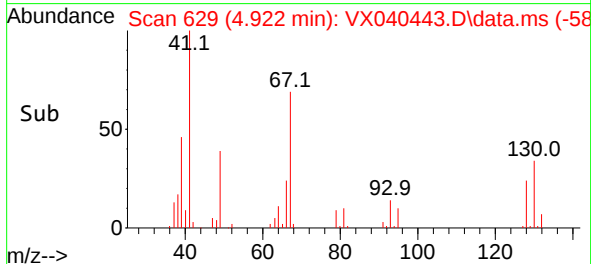
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:	41	Resp:	4820
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.2	67.8
67	69.9	52.6	78.8
52	31.8	22.7	34.1

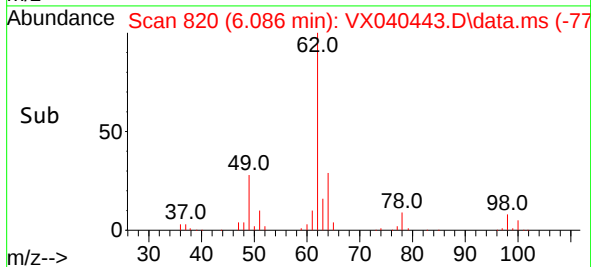
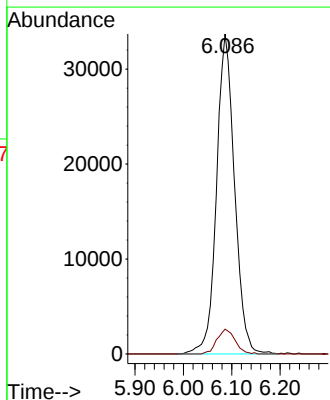
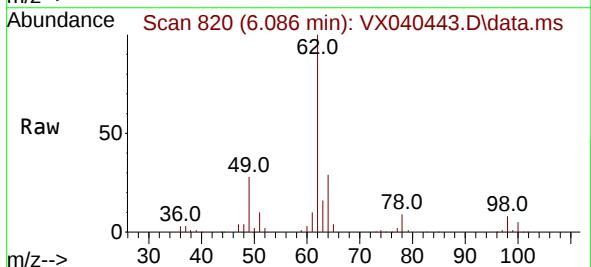
Manual Integrations
APPROVED

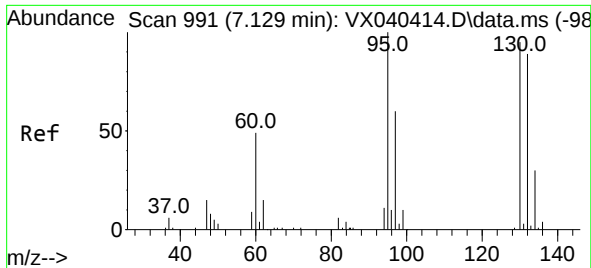
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 51.365 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

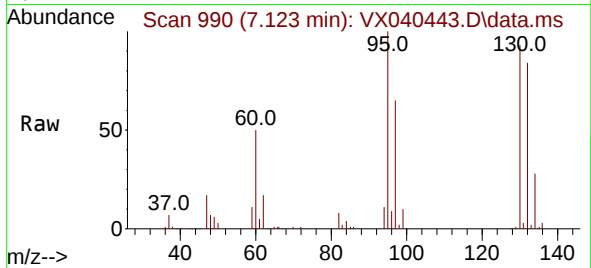
Tgt Ion:	62	Resp:	87183
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.0





#44
Trichloroethene
Concen: 89.499 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

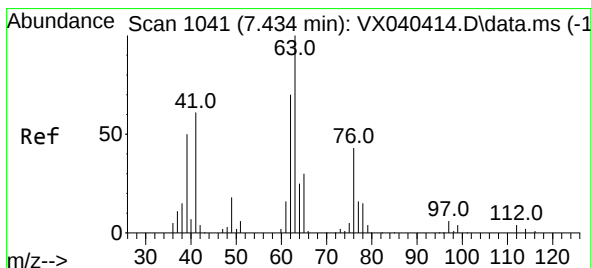
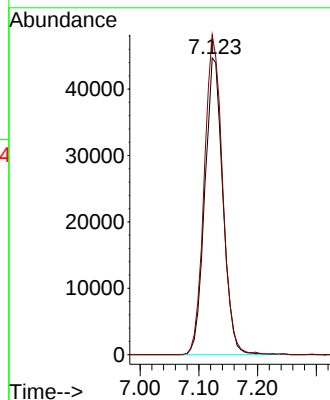
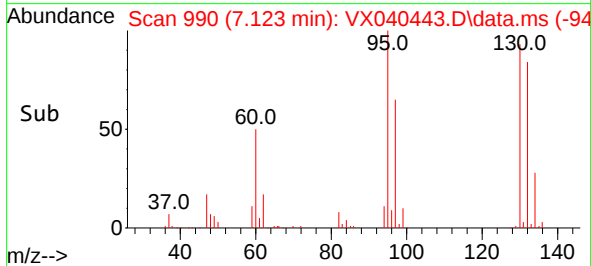
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



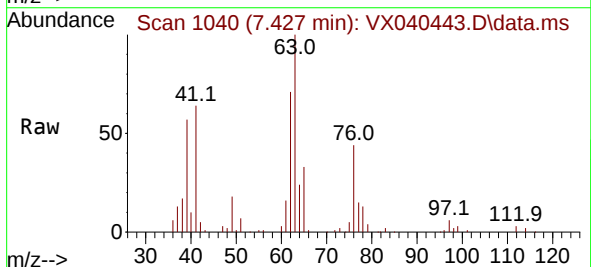
Tgt Ion:130 Resp: 95599
Ion Ratio Lower Upper
130 100
95 107.8 0.0 204.4

Manual Integrations
APPROVED

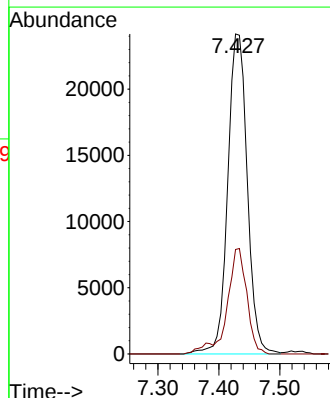
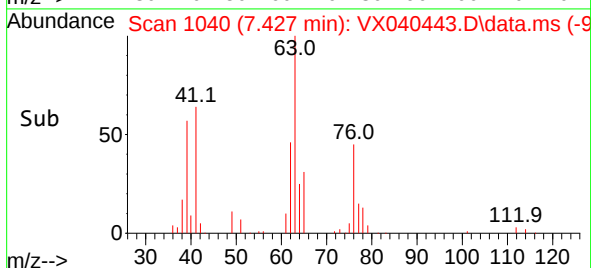
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

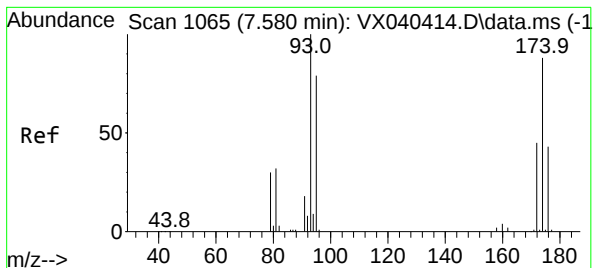


#45
1,2-Dichloropropane
Concen: 49.431 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



Tgt Ion: 63 Resp: 53877
Ion Ratio Lower Upper
63 100
65 32.6 24.3 36.5





#46

Dibromomethane

Concen: 50.345 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 93 Resp: 41169

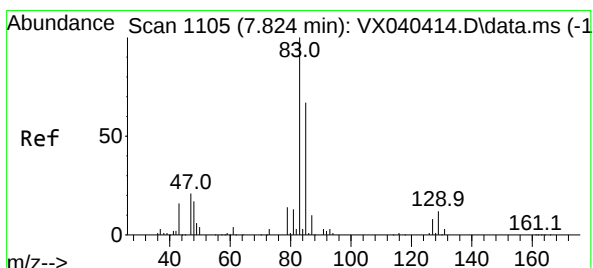
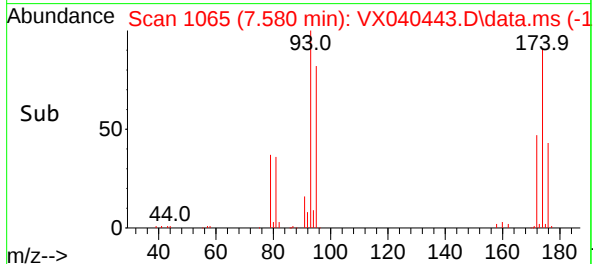
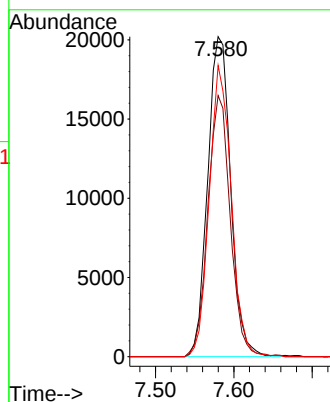
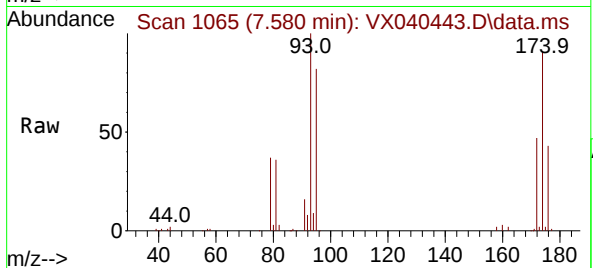
Ion	Ratio	Lower	Upper
93	100		
95	79.8	66.6	100.0
174	87.0	69.4	104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#47

Bromodichloromethane

Concen: 28.489 ug/l

RT: 7.824 min Scan# 1105

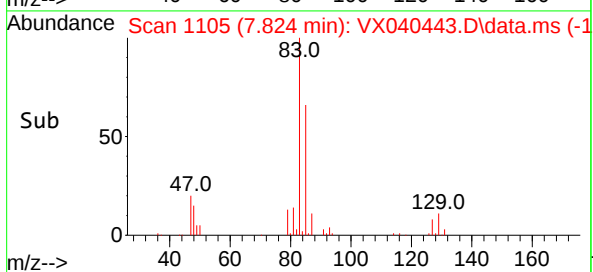
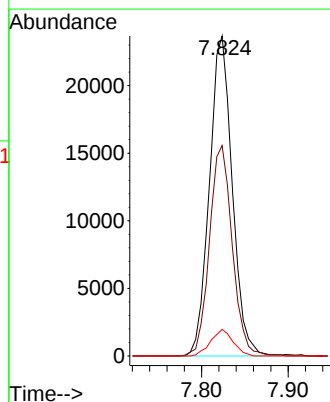
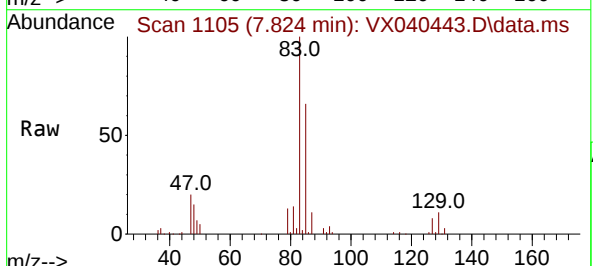
Delta R.T. 0.000 min

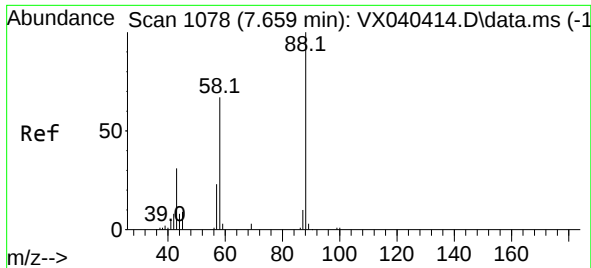
Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Tgt Ion: 83 Resp: 43357

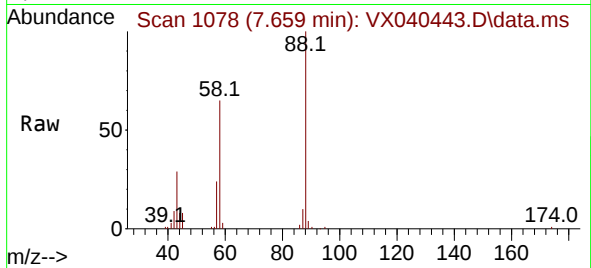
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.8	74.6
127	8.3	7.1	10.7





#49
1,4-Dioxane
Concen: 1053.393 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

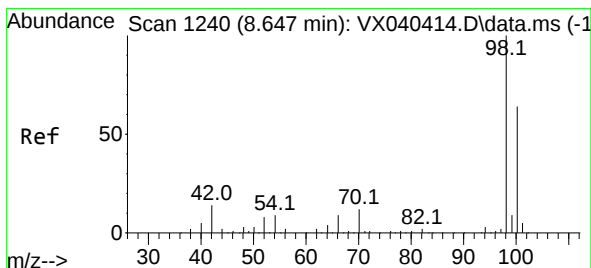
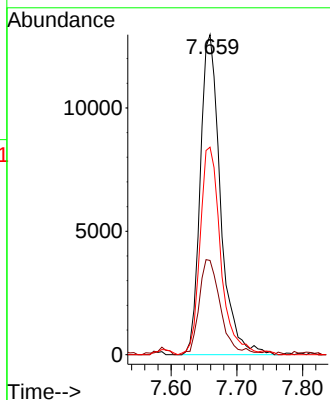
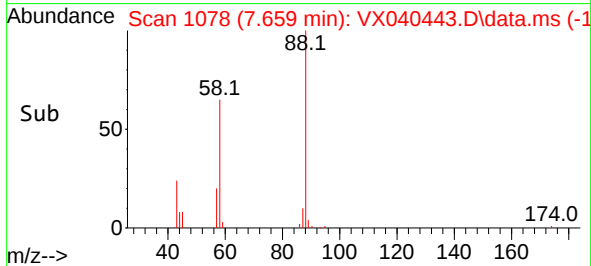
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



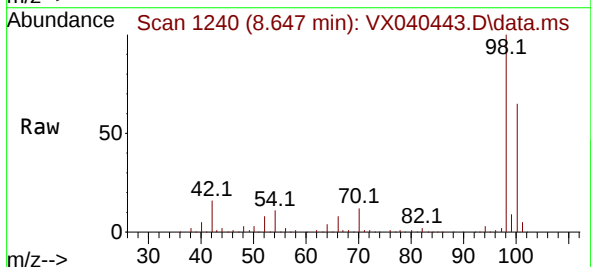
Tgt Ion: 88 Resp: 27674
Ion Ratio Lower Upper
88 100
43 31.6 0.0 0.0
58 66.2 60.1 90.1

Manual Integrations
APPROVED

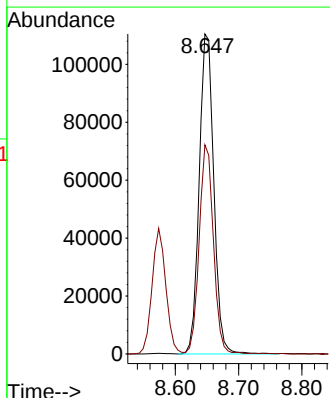
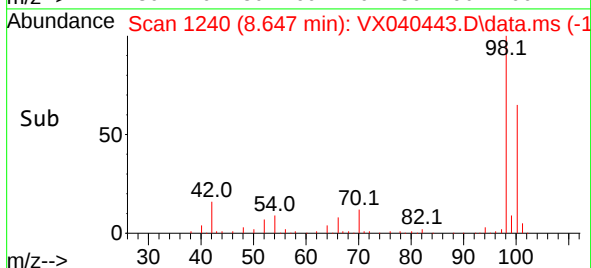
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

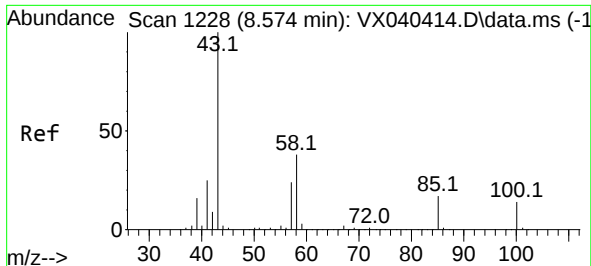


#50
Toluene-d8
Concen: 50.671 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



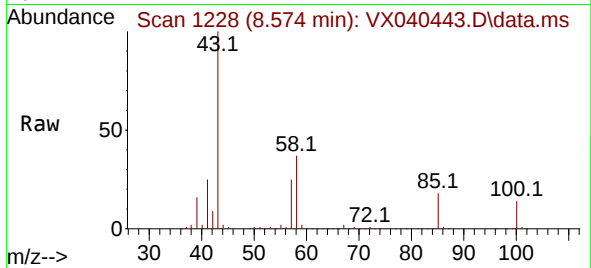
Tgt Ion: 98 Resp: 177548
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 269.688 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

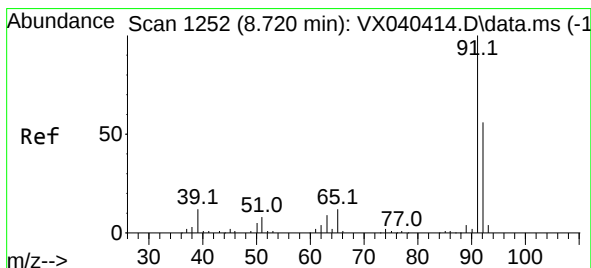
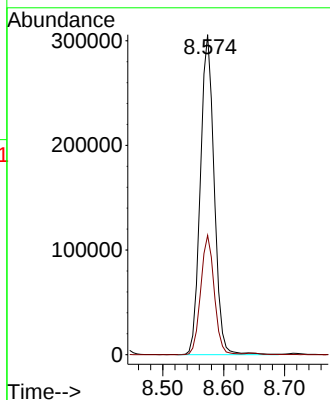
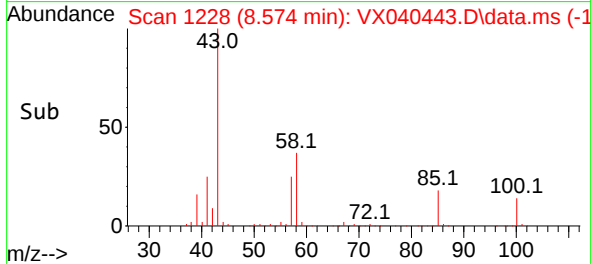
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



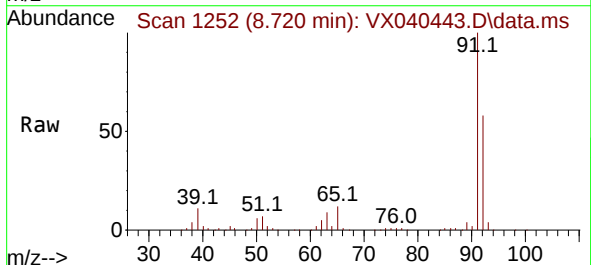
Tgt Ion: 43 Resp: 482060
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

Manual Integrations
APPROVED

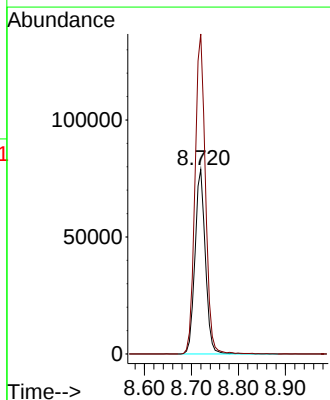
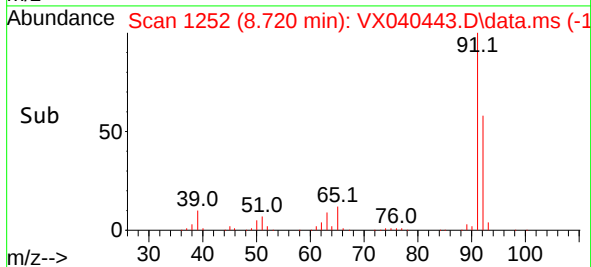
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

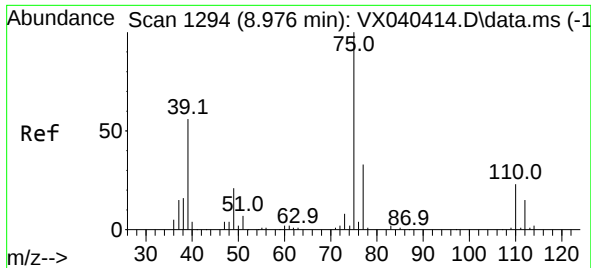


#52
Toluene
Concen: 48.686 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



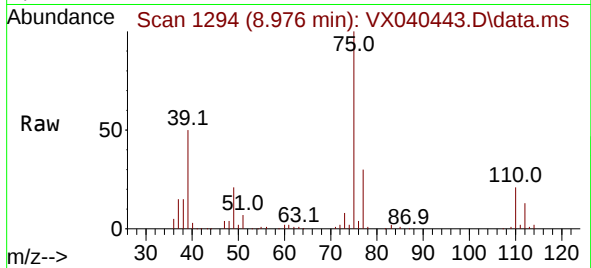
Tgt Ion: 92 Resp: 121853
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 42.834 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

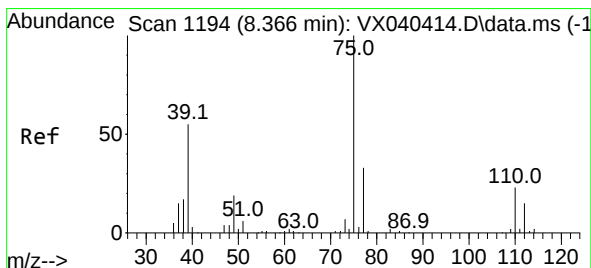
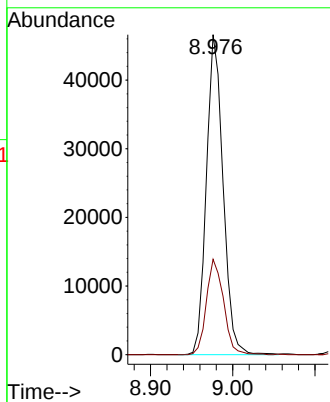
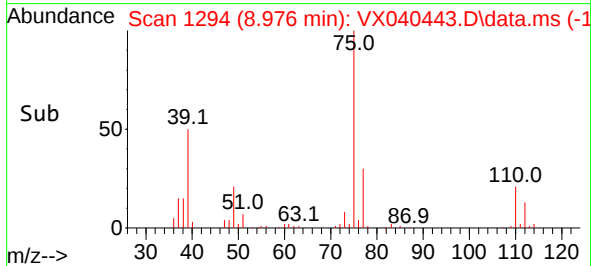
Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion: 75 Resp: 6572
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.7 38.5

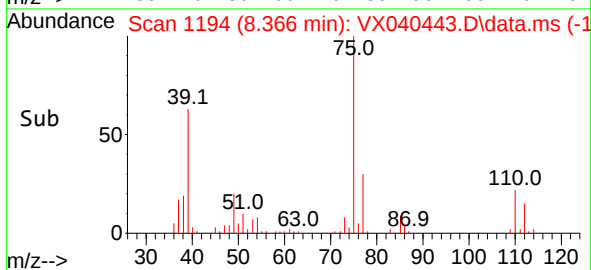
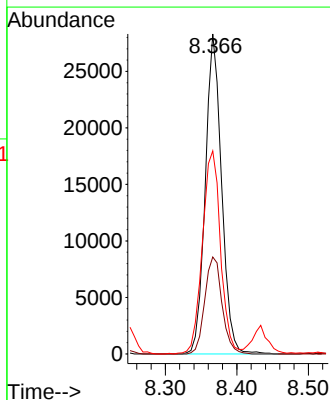
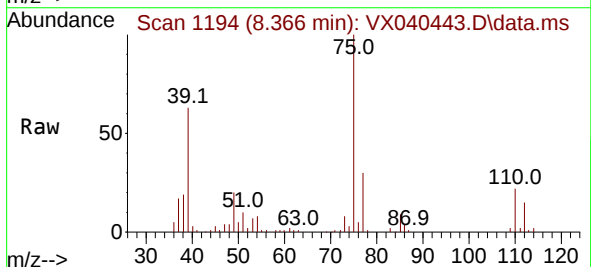
Manual Integrations
 APPROVED

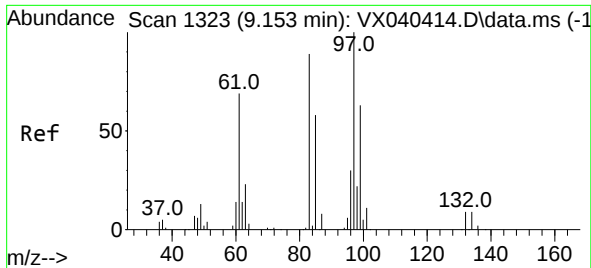
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#54
 cis-1,3-Dichloropropene
 Concen: 27.431 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

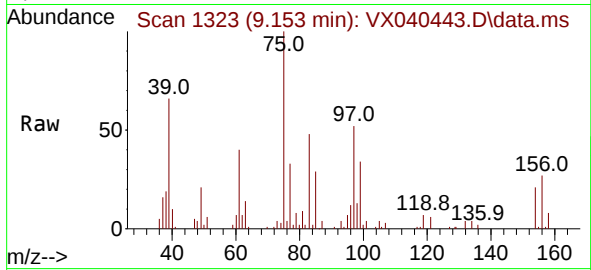
Tgt Ion: 75 Resp: 44835
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9
 39 63.2 46.7 70.1





#55
 1,1,2-Trichloroethane
 Concen: 7.834 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

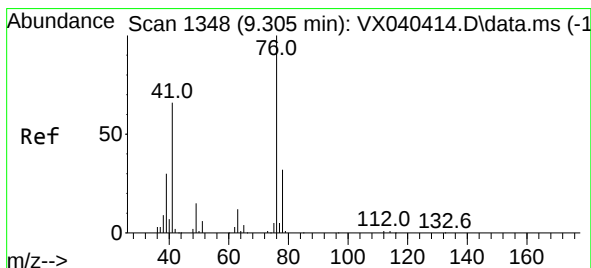
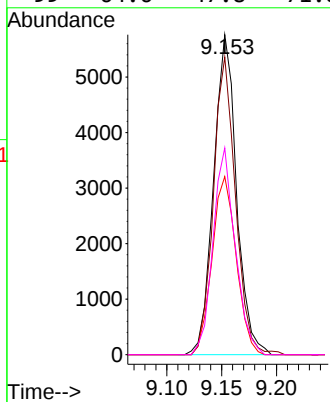
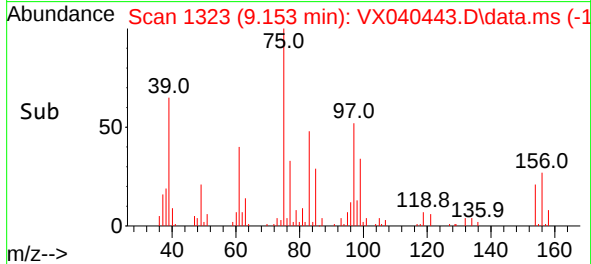
Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.0	65.8	98.8
85	55.6	41.6	62.4
99	64.6	47.8	71.8

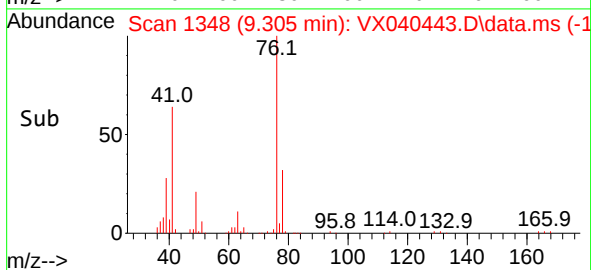
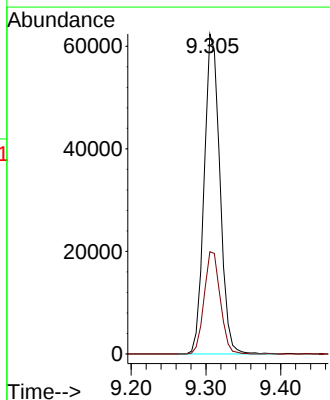
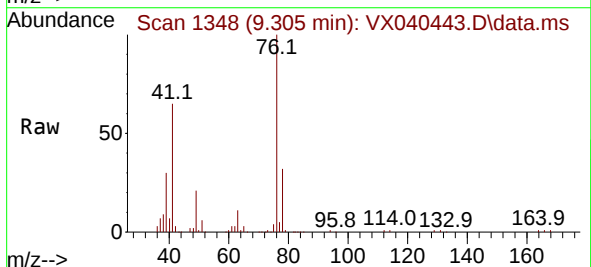
Manual Integrations
 APPROVED

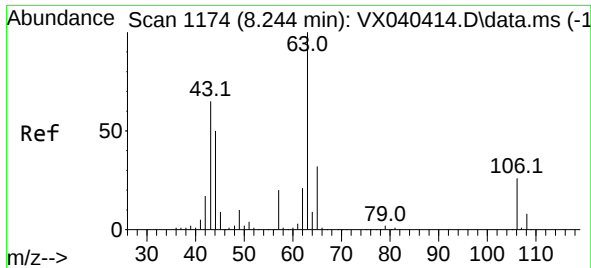
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#57
 1,3-Dichloropropane
 Concen: 48.788 ug/l
 RT: 9.305 min Scan# 1348
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1





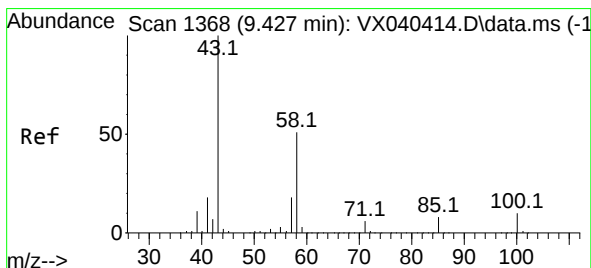
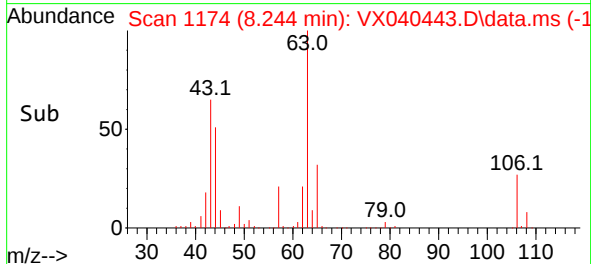
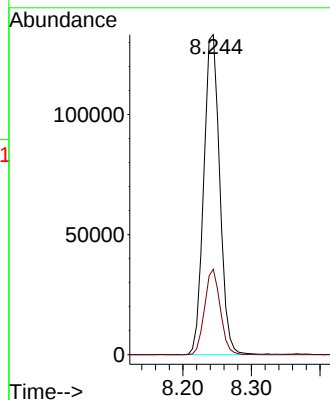
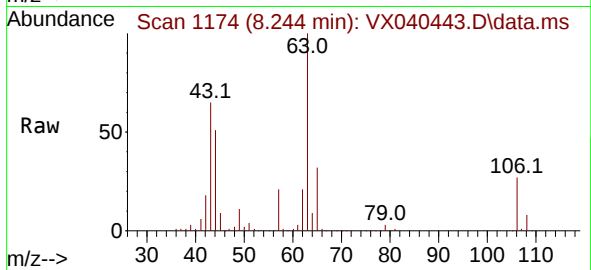
#58
2-Chloroethyl Vinyl ether
Concen: 263.990 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion: 63 Resp: 21675
Ion Ratio Lower Upper
63 100
106 26.1 22.5 33.7

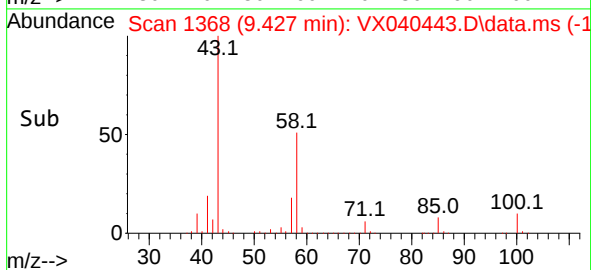
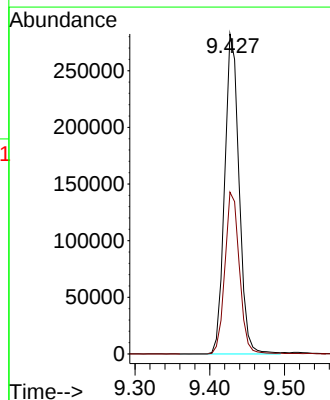
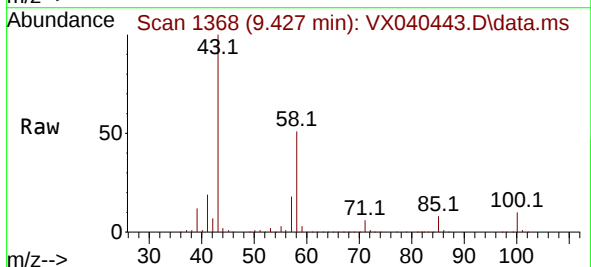
Manual Integrations
APPROVED

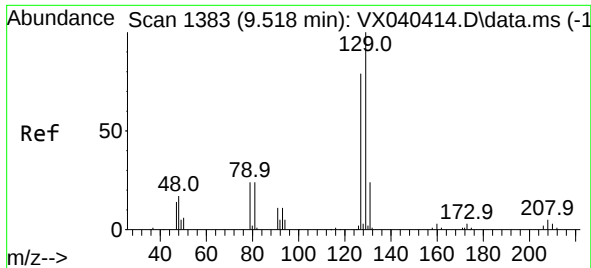
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#59
2-Hexanone
Concen: 275.417 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion: 43 Resp: 379687
Ion Ratio Lower Upper
43 100
58 51.2 26.2 78.5





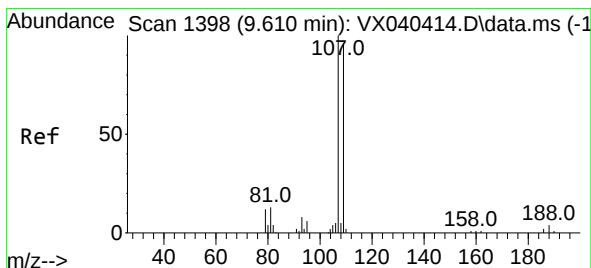
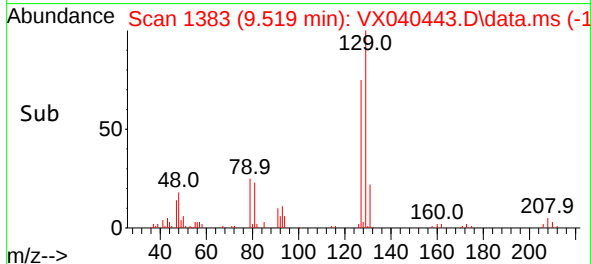
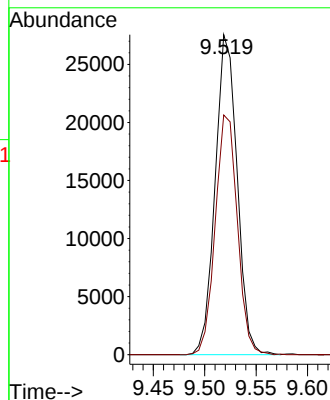
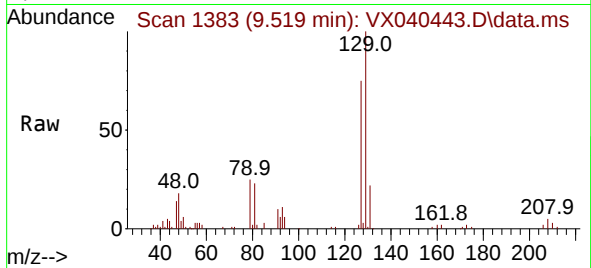
#60
 Dibromochloromethane
 Concen: 38.012 ug/l
 RT: 9.519 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:129 Resp: 40849
 Ion Ratio Lower Upper
 129 100
 127 75.5 38.8 116.4

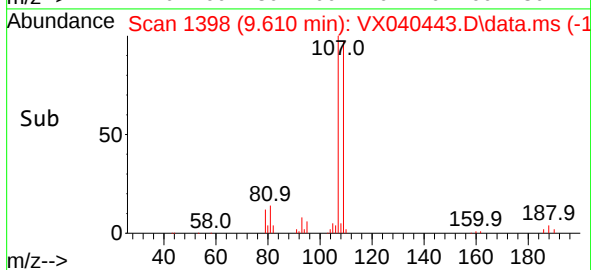
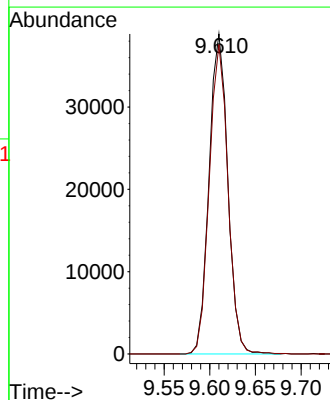
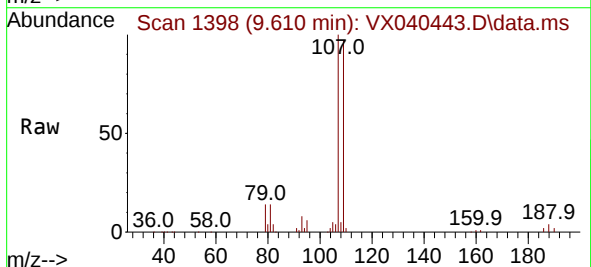
Manual Integrations
 APPROVED

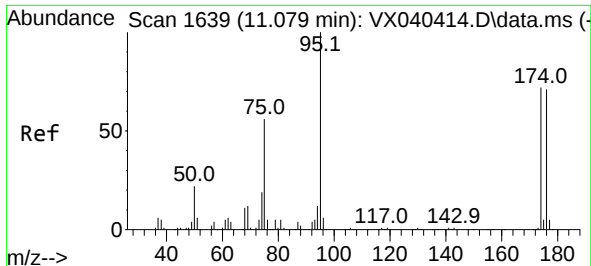
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#61
 1,2-Dibromoethane
 Concen: 48.204 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

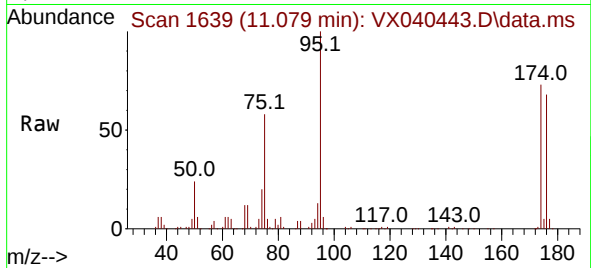
Tgt Ion:107 Resp: 55524
 Ion Ratio Lower Upper
 107 100
 109 96.5 75.2 112.8





#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

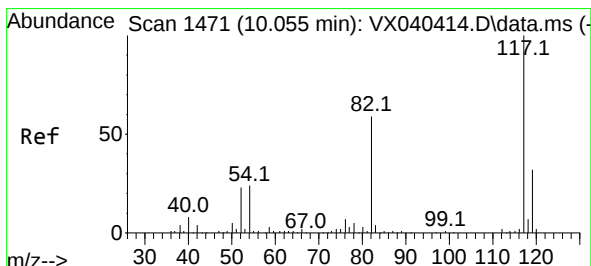
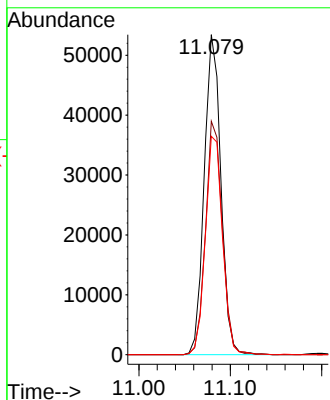
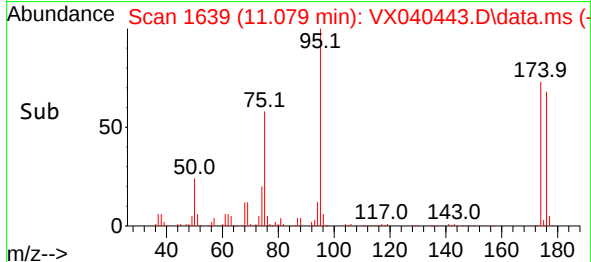
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



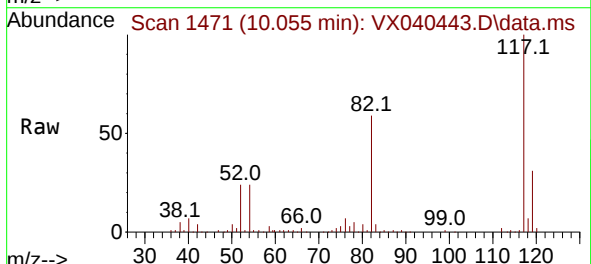
Tgt Ion: 95 Resp: 6743
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 70.4 0.0 131.0

Manual Integrations
APPROVED

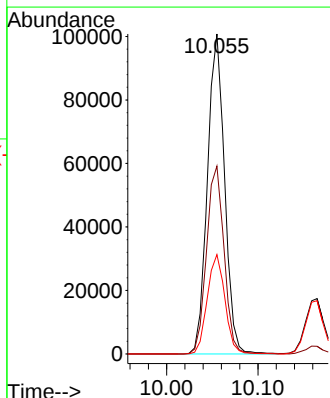
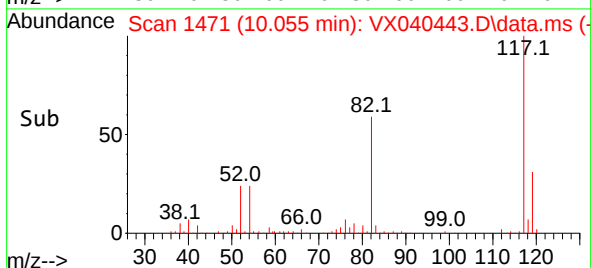
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

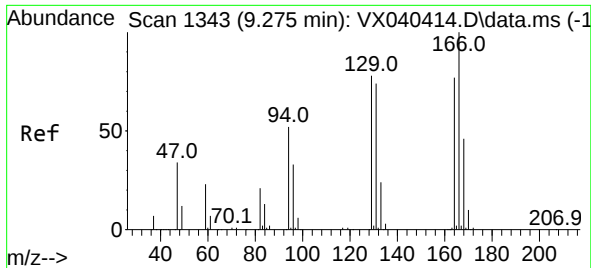


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



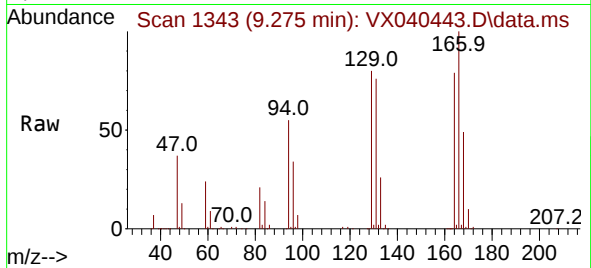
Tgt Ion:117 Resp: 131134
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 31.1 25.5 38.3





#64
Tetrachloroethene
Concen: 69.325 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

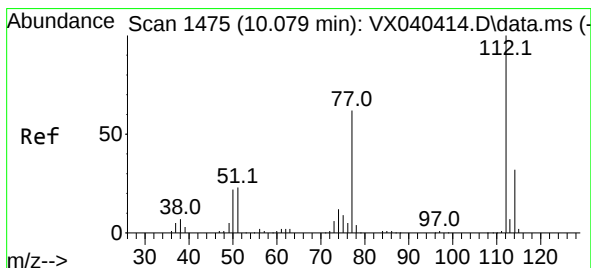
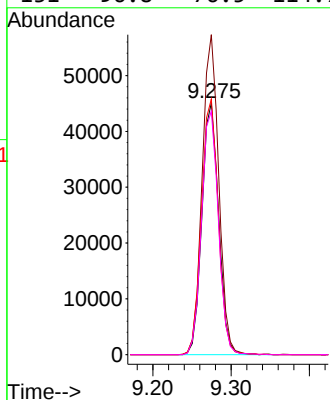
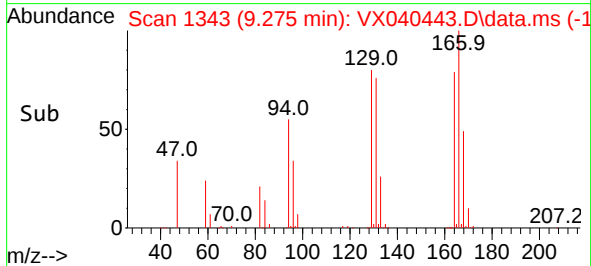
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:164 Resp: 66538
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 101.6 80.4 120.6
131 96.8 76.5 114.7

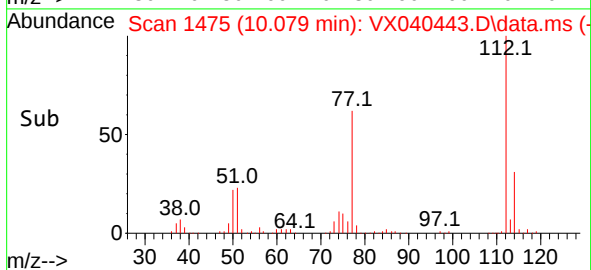
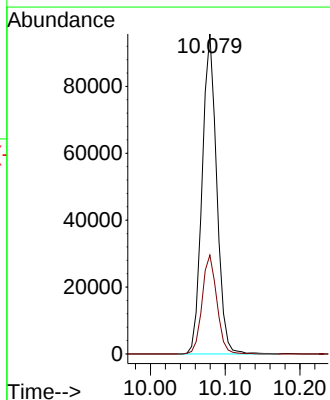
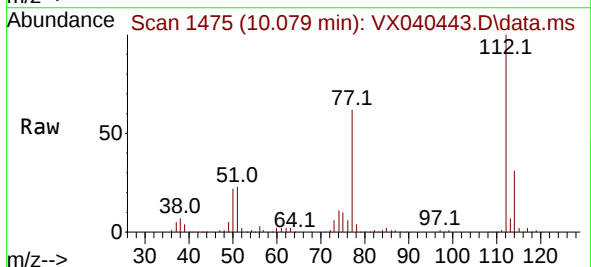
Manual Integrations
APPROVED

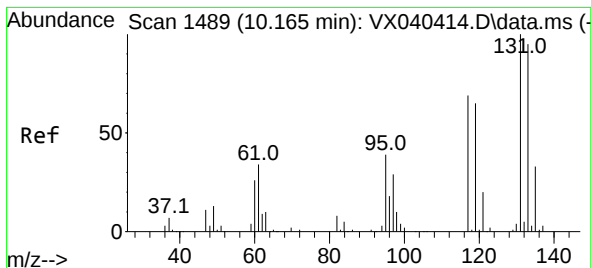
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#65
Chlorobenzene
Concen: 48.963 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

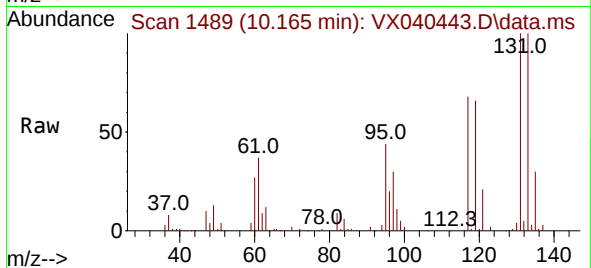
Tgt Ion:112 Resp: 129307
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 39.347 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

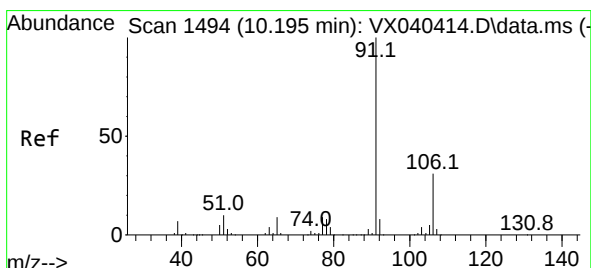
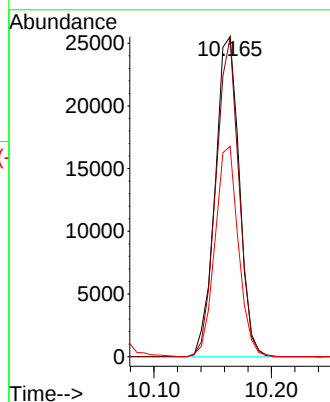
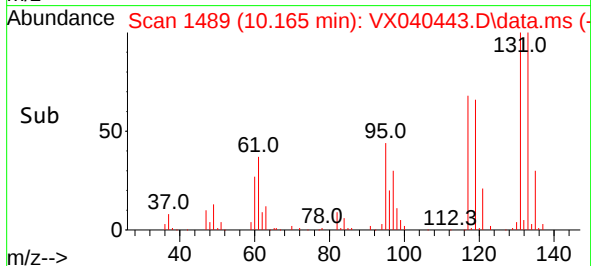
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:131 Resp: 36339
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.1 32.2 96.6

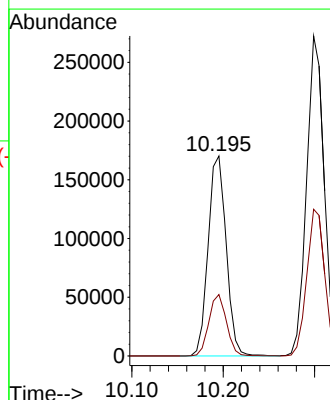
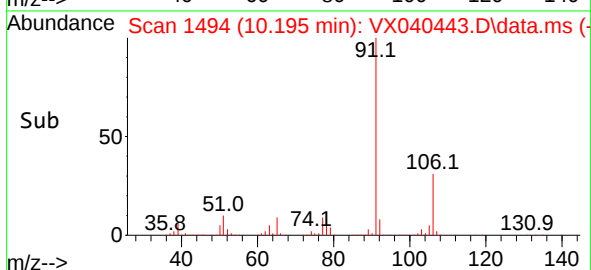
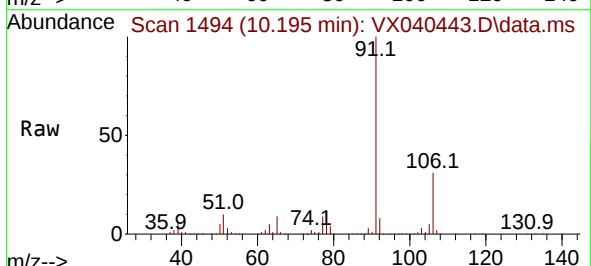
Manual Integrations
APPROVED

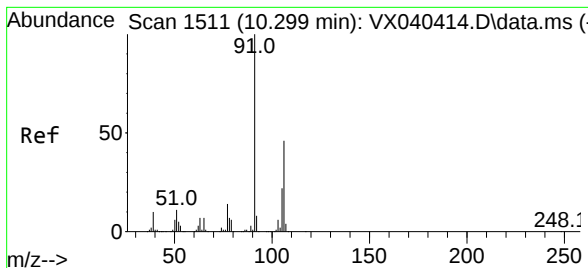
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#67
Ethyl Benzene
Concen: 47.088 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

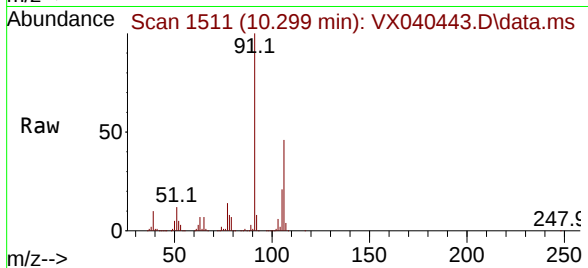
Tgt Ion: 91 Resp: 233279
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3





#68
m/p-Xylenes
Concen: 95.066 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

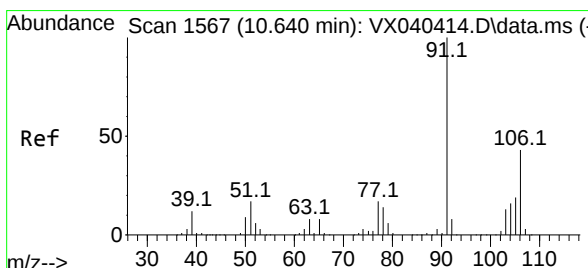
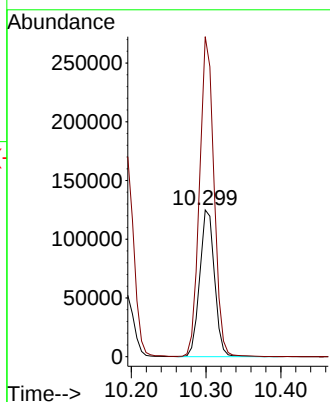
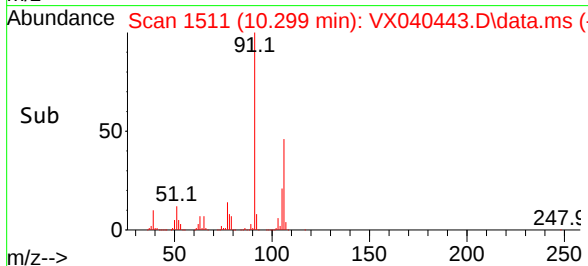
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:106 Resp: 171730
Ion Ratio Lower Upper
106 100
91 213.1 165.5 248.3

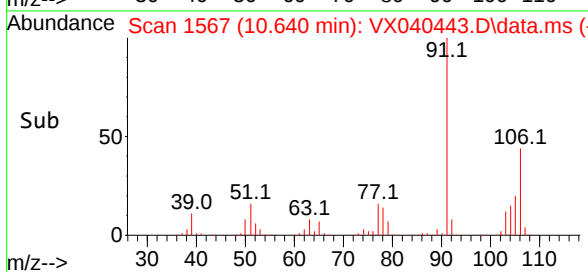
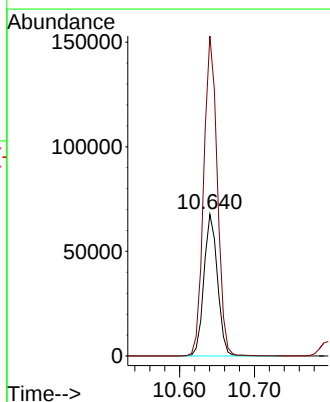
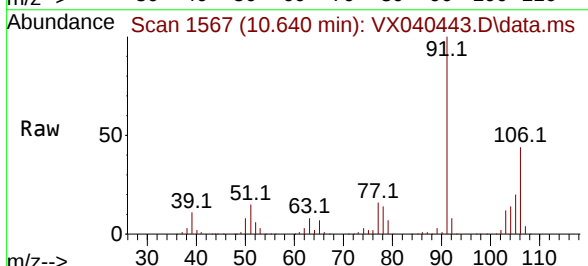
Manual Integrations
APPROVED

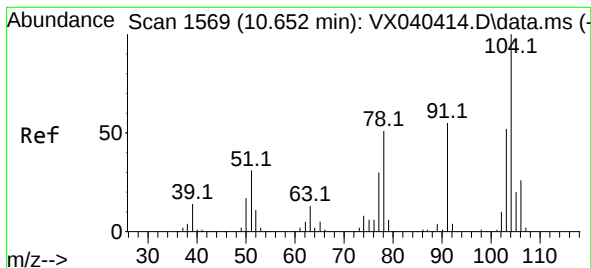
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#69
o-Xylene
Concen: 47.723 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Tgt Ion:106 Resp: 85216
Ion Ratio Lower Upper
106 100
91 227.2 108.9 326.8





#70

Styrene

Concen: 49.236 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

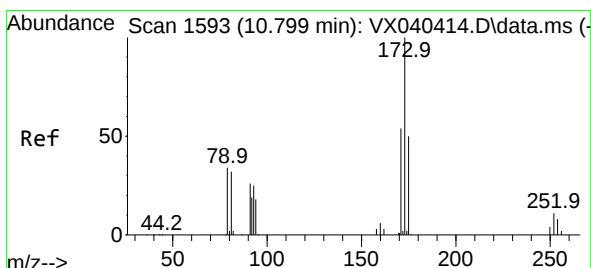
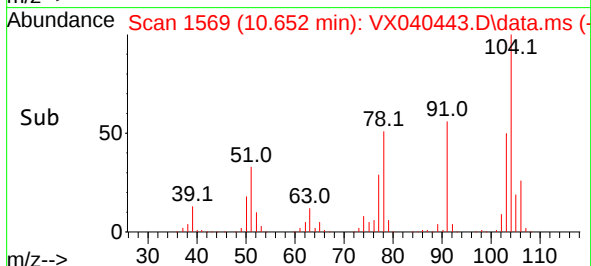
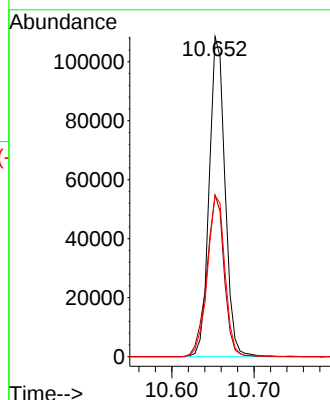
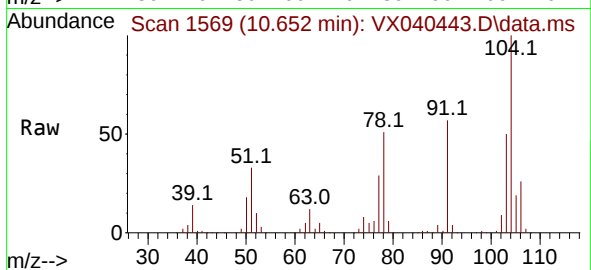
Tgt Ion:104	Resp: 14492
Ion Ratio	Lower Upper
104 100	
78 55.6	43.6 65.4
103 56.0	43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#71

Bromoform

Concen: 47.444 ug/l

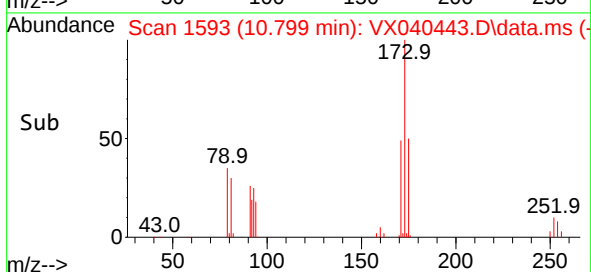
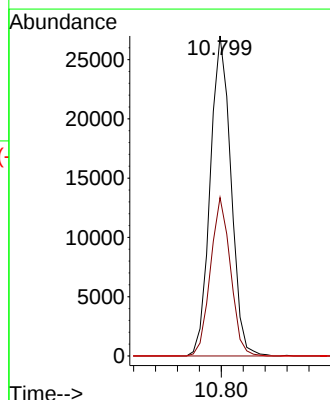
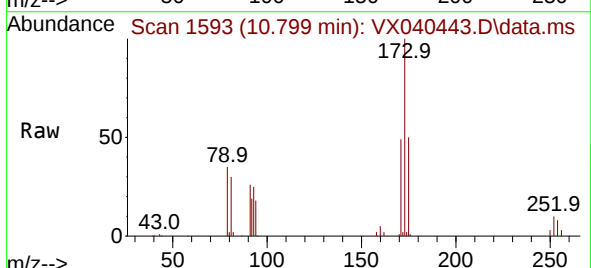
RT: 10.799 min Scan# 1593

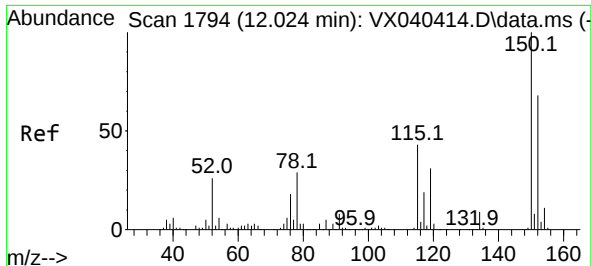
Delta R.T. -0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

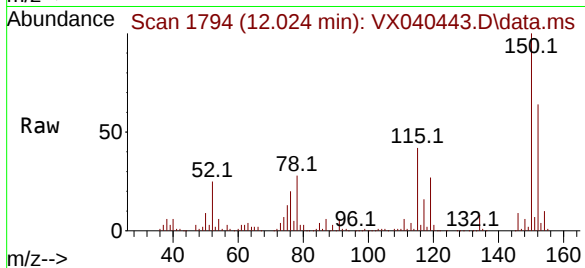
Tgt Ion:173	Resp: 35424
Ion Ratio	Lower Upper
173 100	
175 47.9	24.1 72.4
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

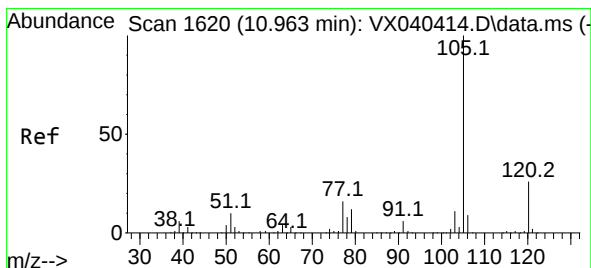
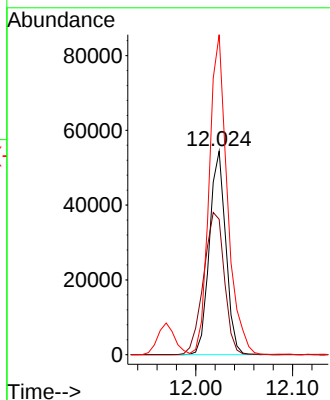
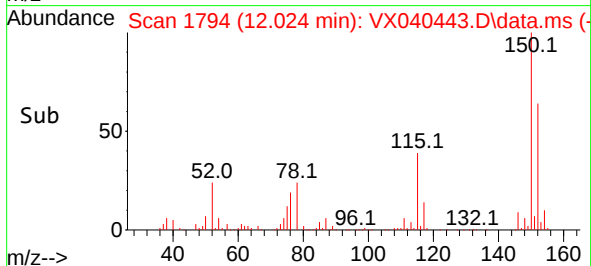
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



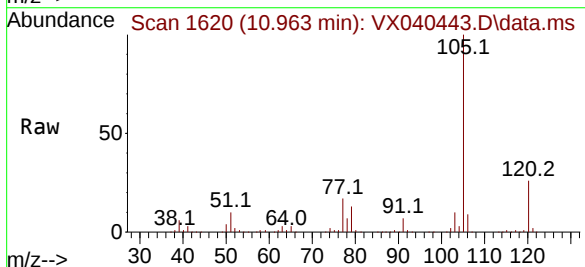
Tgt Ion:152 Resp: 64062
Ion Ratio Lower Upper
152 100
115 88.7 43.3 129.9
150 174.1 0.0 345.0

Manual Integrations
APPROVED

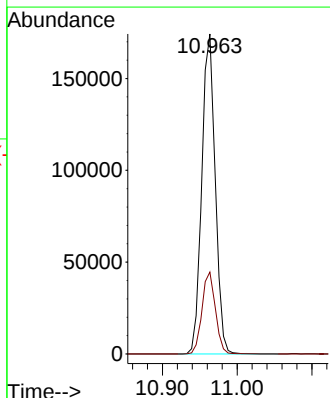
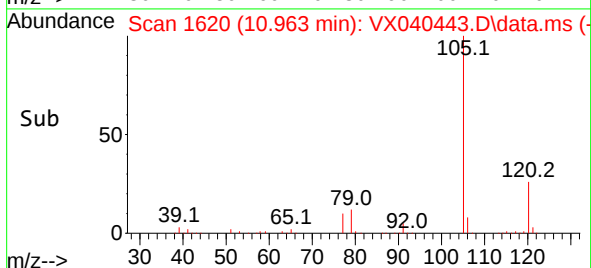
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

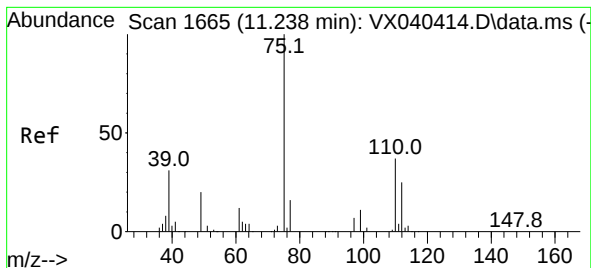


#73
Isopropylbenzene
Concen: 48.013 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



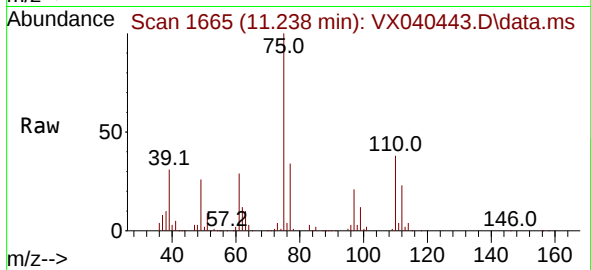
Tgt Ion:105 Resp: 217630
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6





#76
1,2,3-Trichloropropane
Concen: 44.923 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

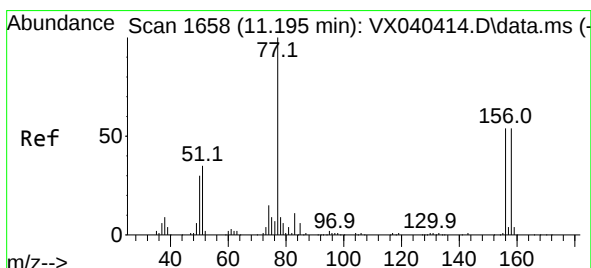
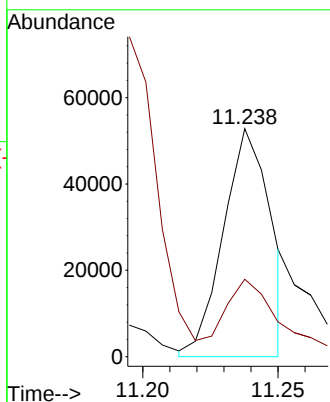
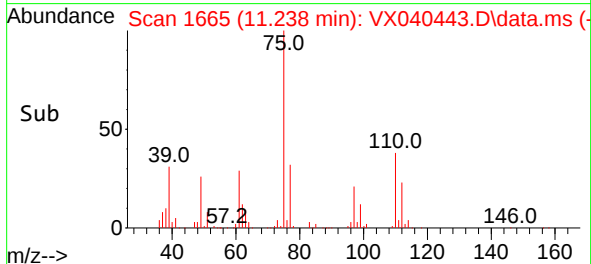
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



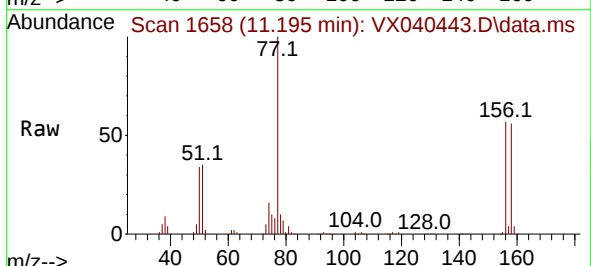
Tgt Ion: 75 Resp: 6399
Ion Ratio Lower Upper
75 100
77 40.8 19.1 57.5

Manual Integrations
APPROVED

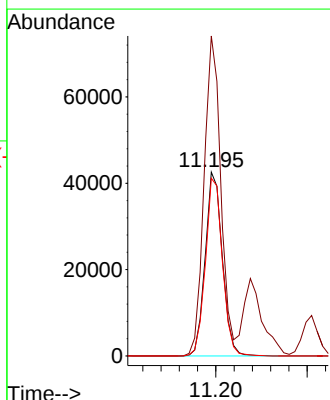
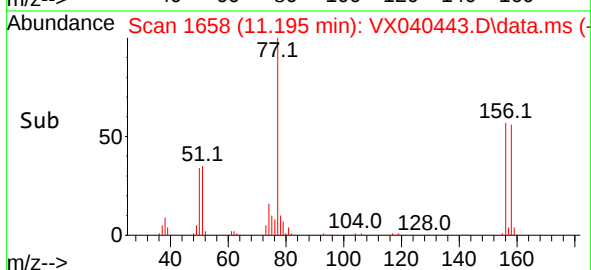
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

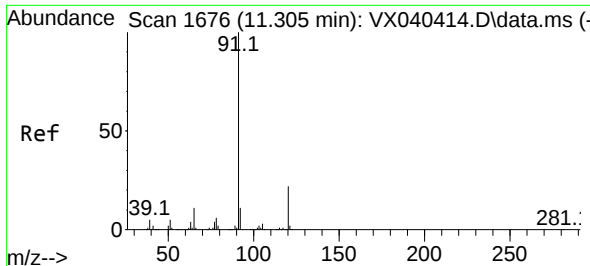


#77
Bromobenzene
Concen: 49.826 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



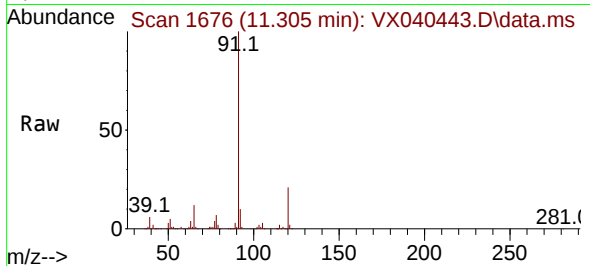
Tgt Ion:156 Resp: 55186
Ion Ratio Lower Upper
156 100
77 169.7 88.4 265.3
158 96.2 48.0 144.0





#78
n-propylbenzene
Concen: 47.455 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

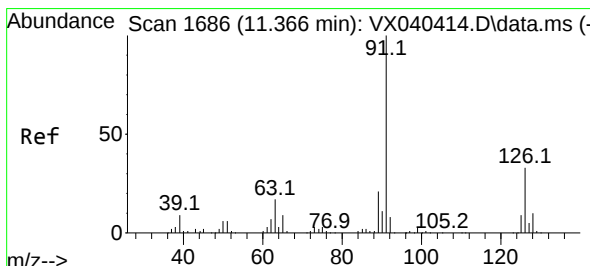
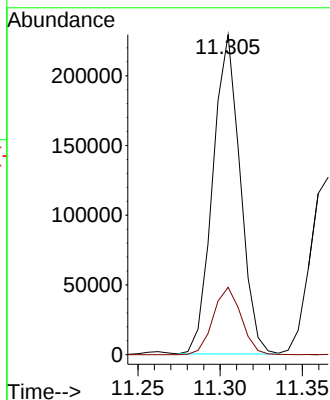
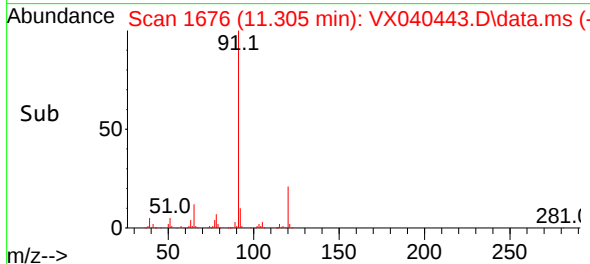
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



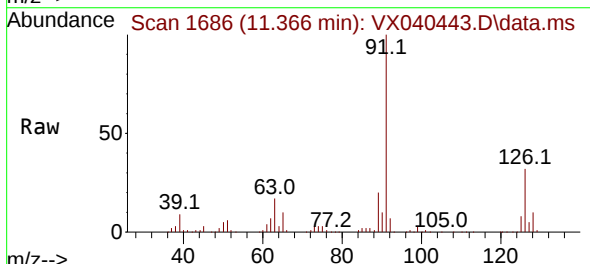
Tgt Ion: 91 Resp: 265699
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

Manual Integrations
APPROVED

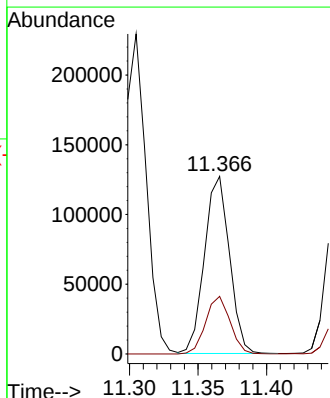
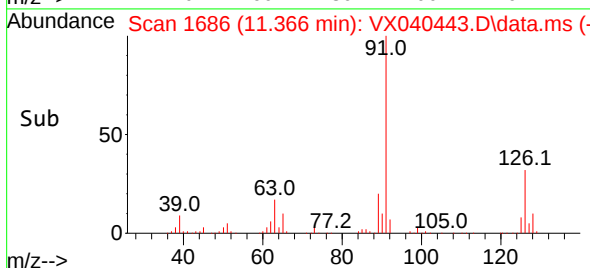
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

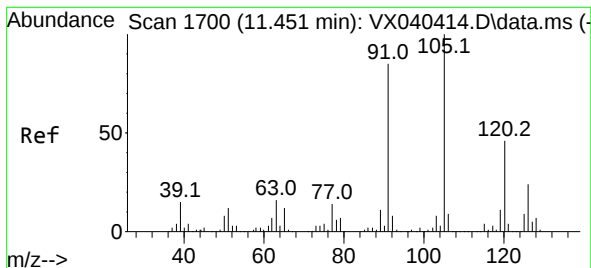


#79
2-Chlorotoluene
Concen: 48.264 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



Tgt Ion: 91 Resp: 161281
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 48.948 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:105 Resp: 18849

Ion Ratio Lower Upper

105 100

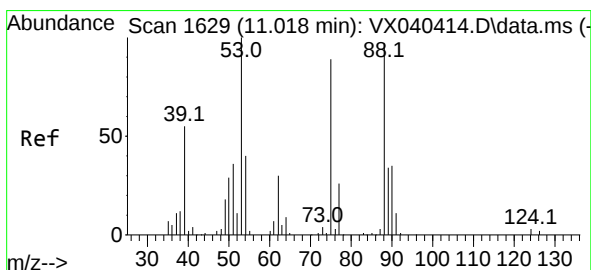
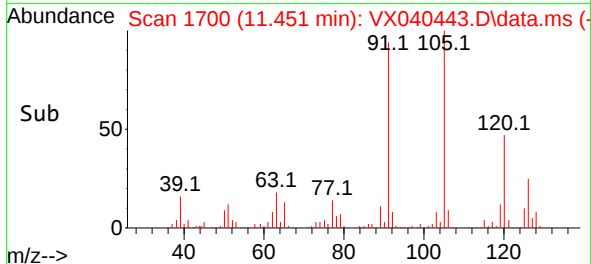
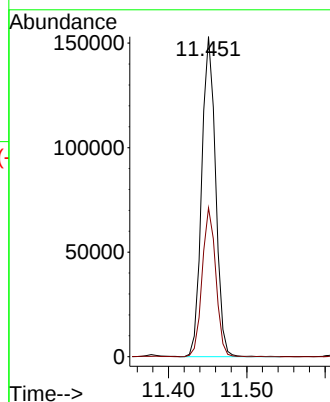
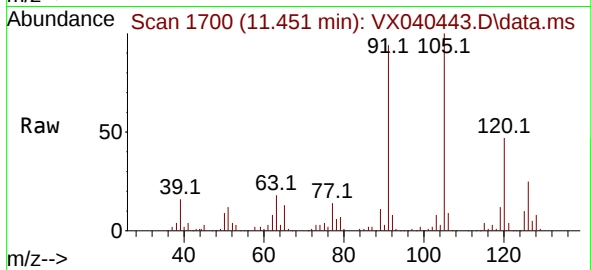
120 45.5 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#81

trans-1,4-Dichloro-2-butene

Concen: 14.334 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

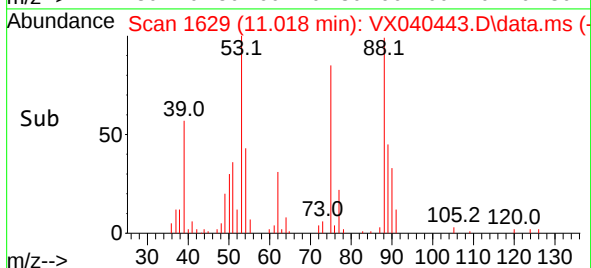
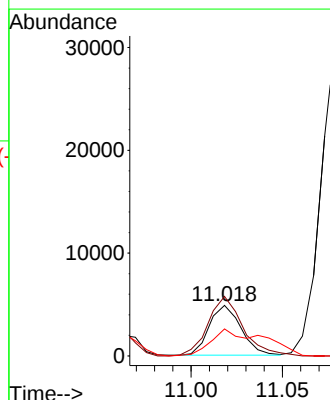
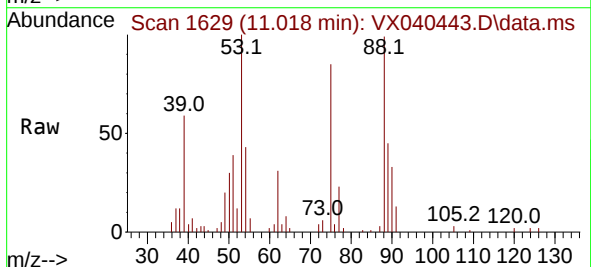
Tgt Ion: 75 Resp: 5868

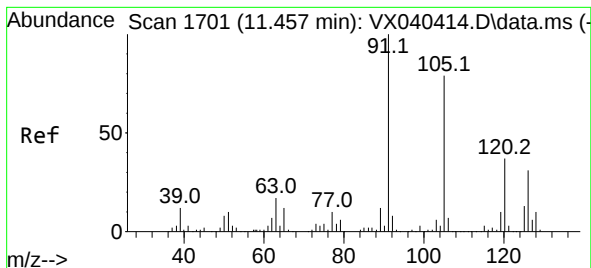
Ion Ratio Lower Upper

75 100

53 131.4 90.5 135.7

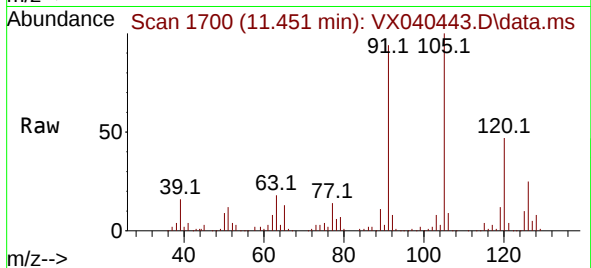
89 89.9 36.9 55.3#





#82
4-Chlorotoluene
Concen: 47.745 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

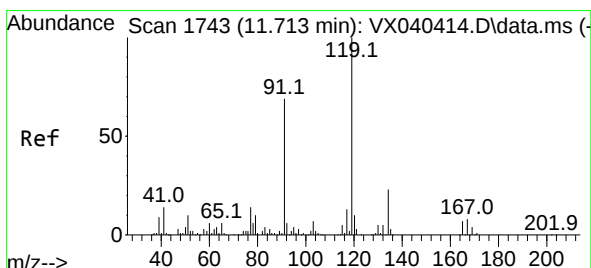
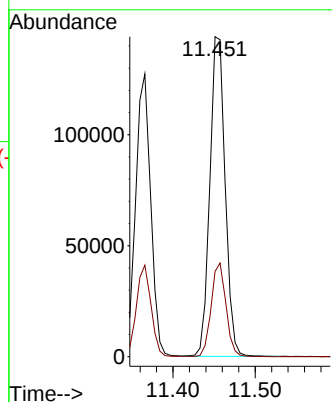
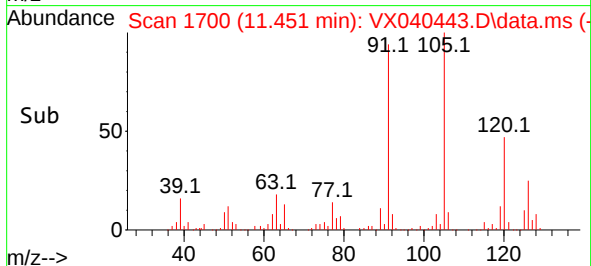
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



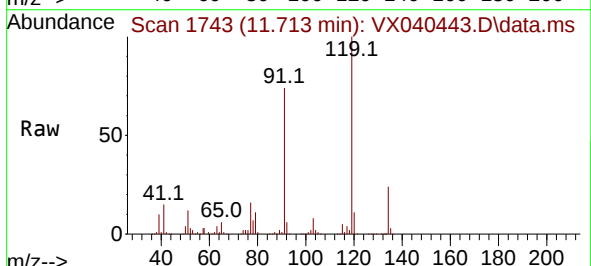
Tgt Ion: 91 Resp: 18698
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6

Manual Integrations
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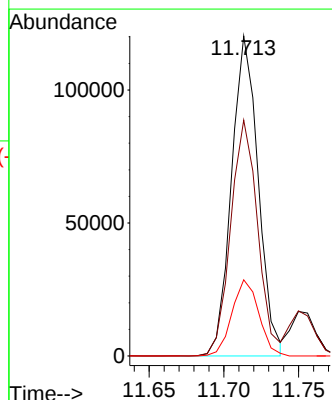
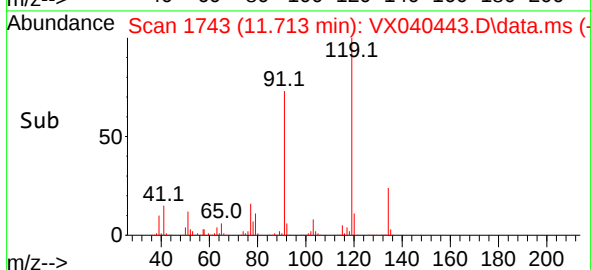
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

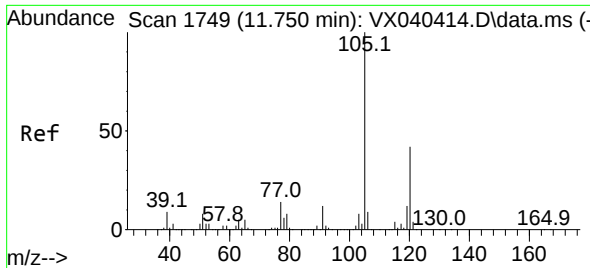


#83
tert-Butylbenzene
Concen: 41.174 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



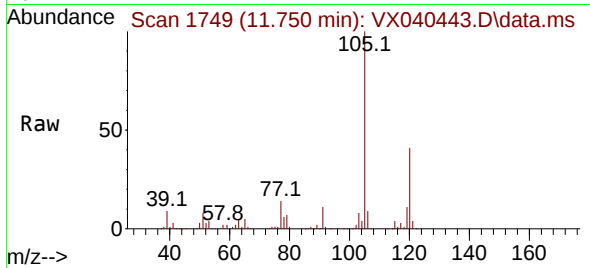
Tgt Ion:119 Resp: 149448
Ion Ratio Lower Upper
119 100
91 74.6 31.2 93.6
134 23.9 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 48.923 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

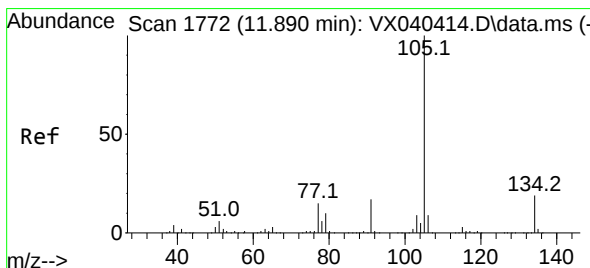
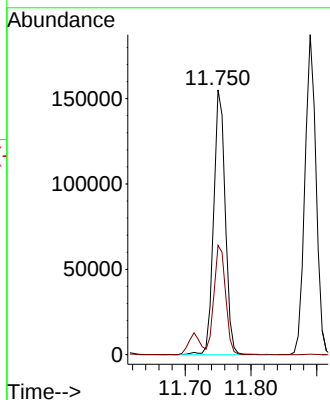
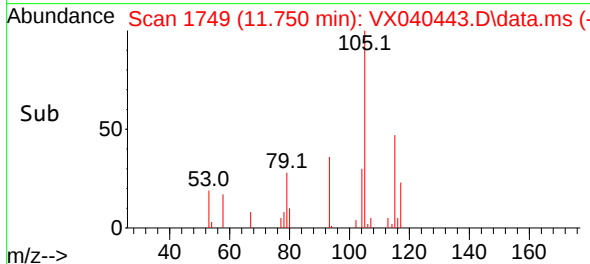
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:105 Resp: 190088
Ion Ratio Lower Upper
105 100
120 41.4 21.2 63.6

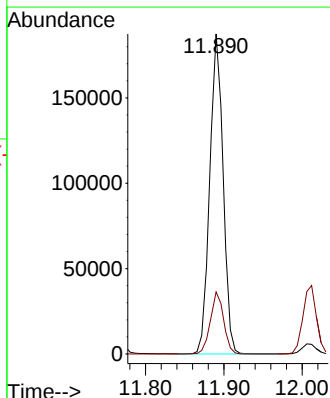
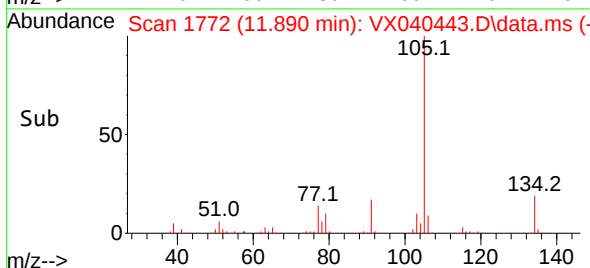
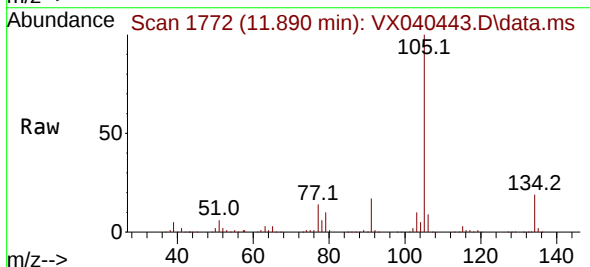
Manual Integrations
APPROVED

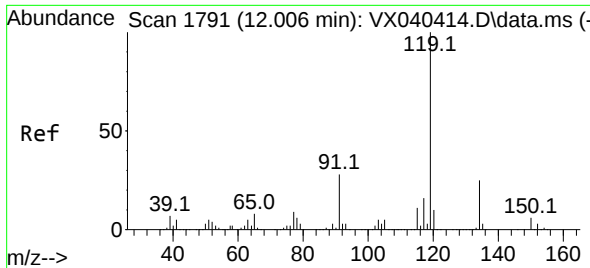
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#85
sec-Butylbenzene
Concen: 45.839 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

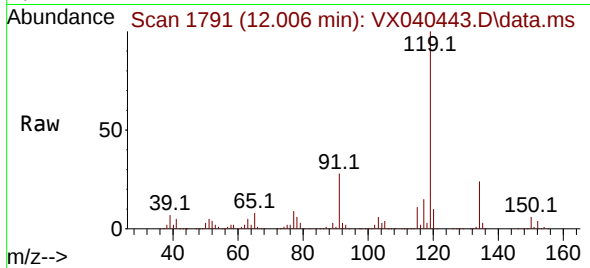
Tgt Ion:105 Resp: 221496
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 47.969 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

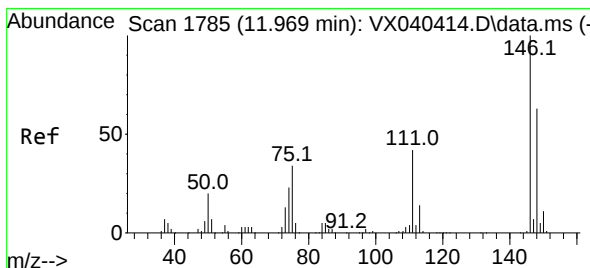
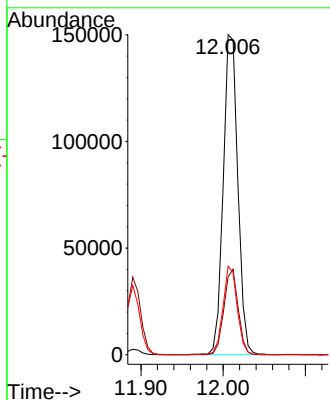
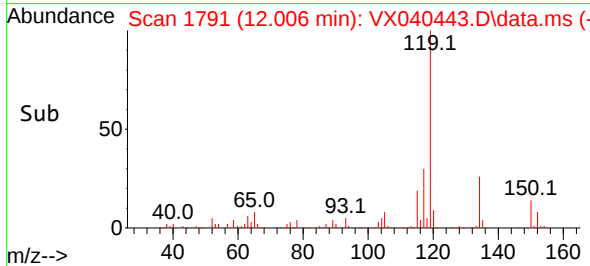
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



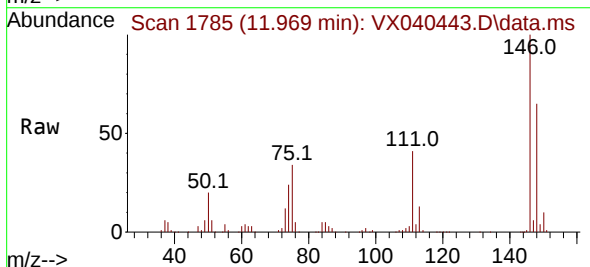
Tgt Ion:119 Resp: 185199
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 26.9 13.1 39.3

Manual Integrations
APPROVED

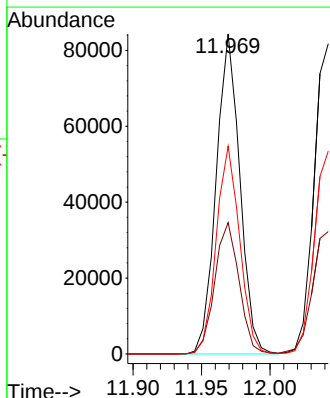
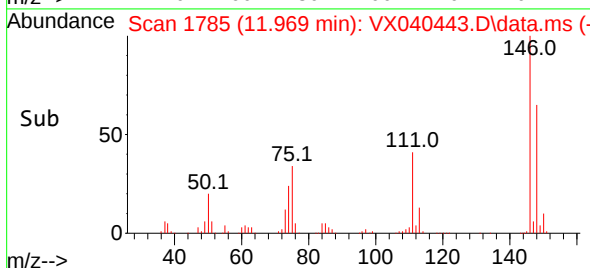
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

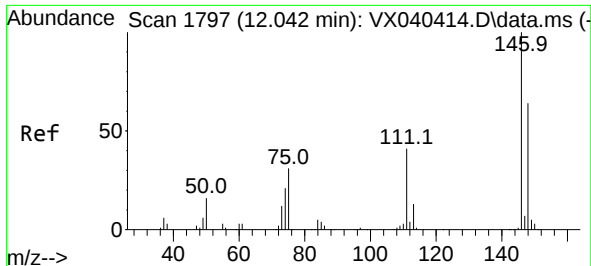


#87
1,3-Dichlorobenzene
Concen: 47.772 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



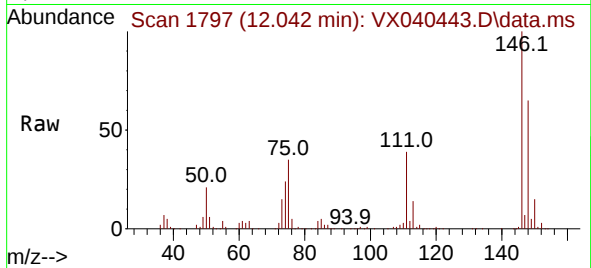
Tgt Ion:146 Resp: 101197
Ion Ratio Lower Upper
146 100
111 42.3 22.1 66.1
148 64.4 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 46.006 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

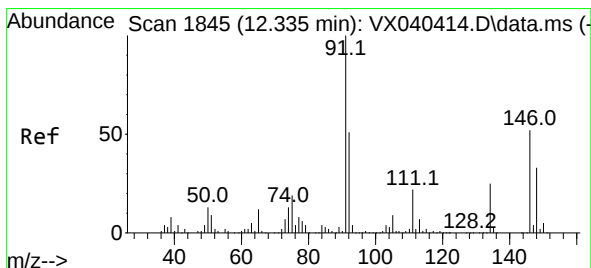
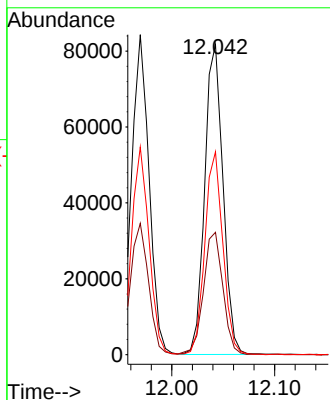
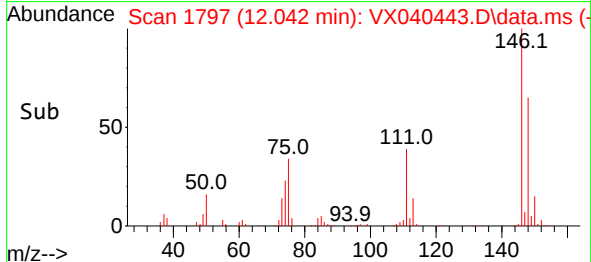
Instrument :
MSVOA_X
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS



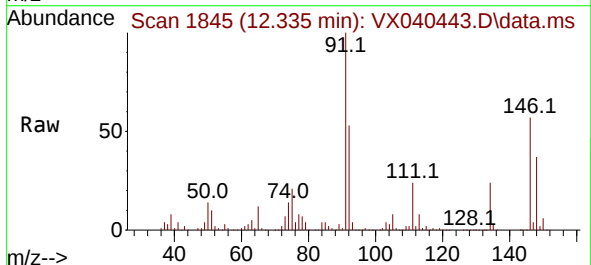
Tgt Ion:146 Resp: 101034
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 64.7 31.8 95.4

Manual Integrations
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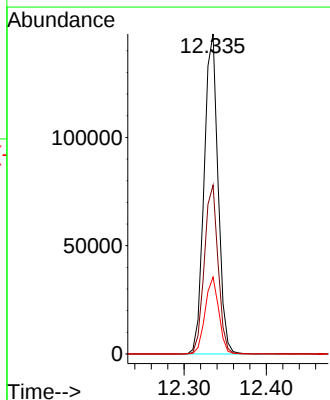
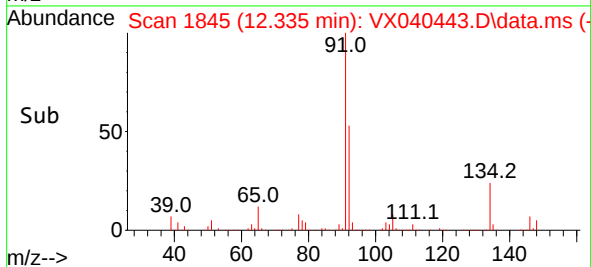
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

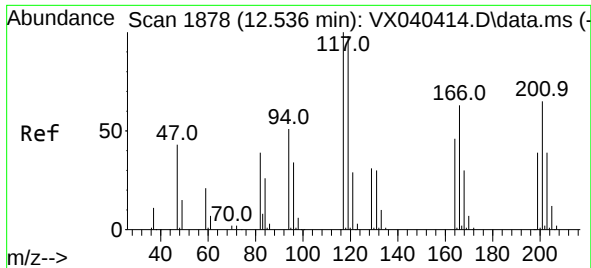


#89
n-Butylbenzene
Concen: 45.833 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



Tgt Ion: 91 Resp: 174102
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 23.6 12.6 37.8





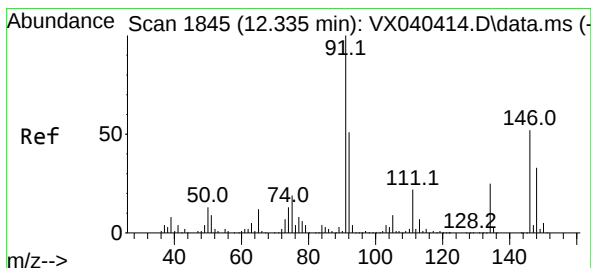
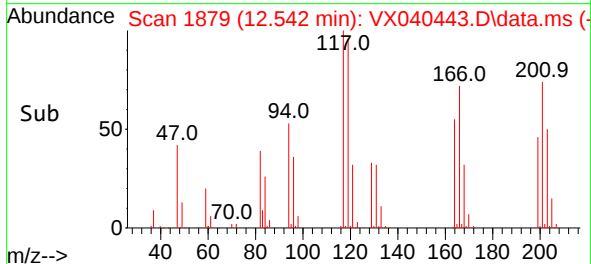
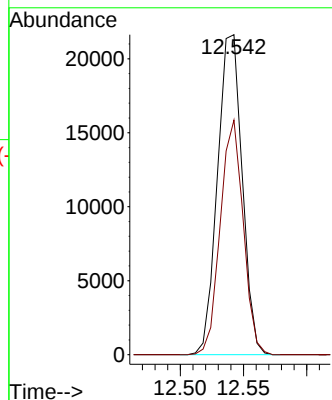
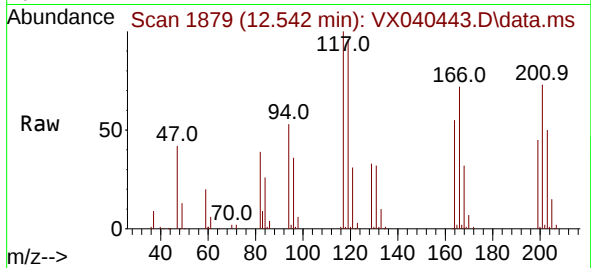
#90
Hexachloroethane
Concen: 47.450 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Tgt Ion:117 Resp: 29339
Ion Ratio Lower Upper
117 100
201 68.1 32.9 98.6

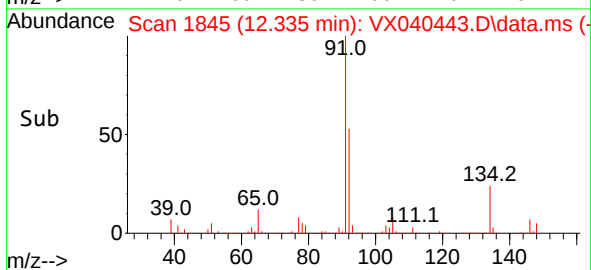
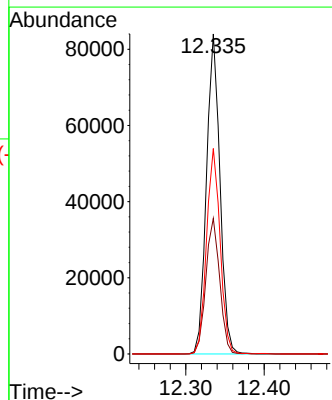
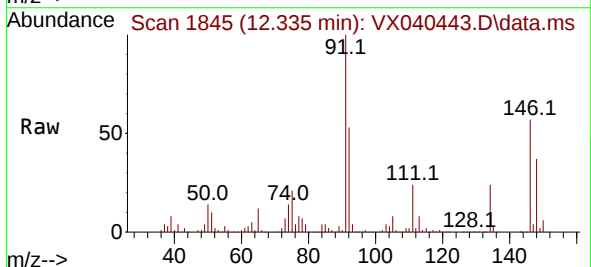
Manual Integrations
APPROVED

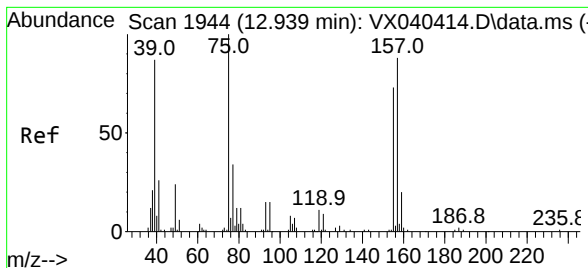
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#91
1,2-Dichlorobenzene
Concen: 48.894 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

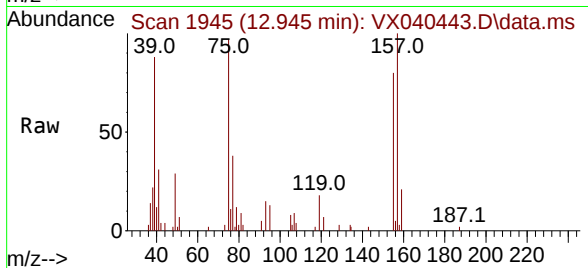
Tgt Ion:146 Resp: 100158
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 64.5 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 11.282 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37

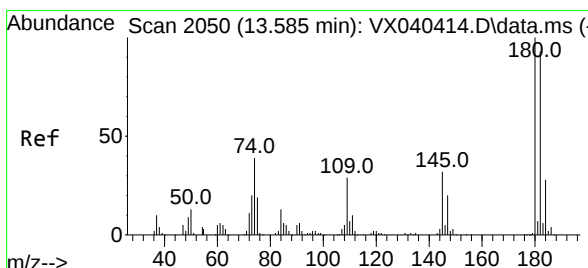
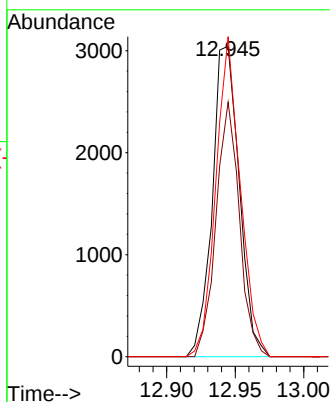
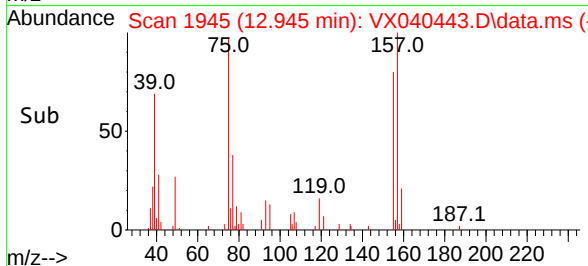
Instrument : MSVOA_X
ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



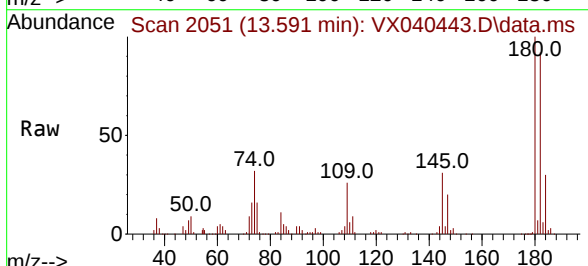
Tgt Ion: 75 Resp: 4169
Ion Ratio Lower Upper
75 100
155 71.0 36.1 108.5
157 93.3 44.9 134.7

Manual Integrations
APPROVED

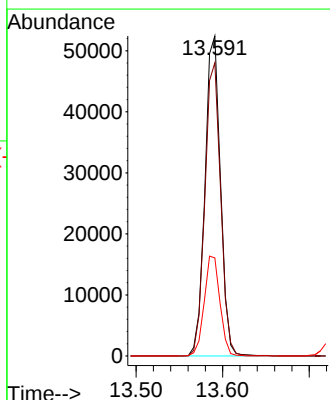
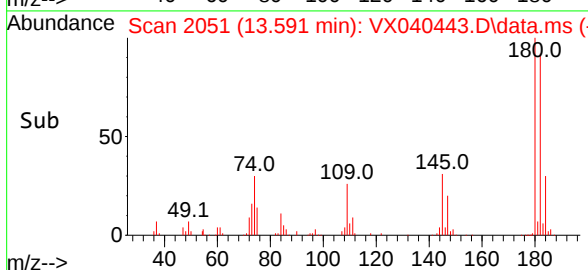
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

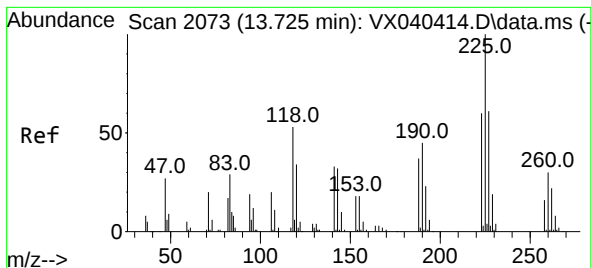


#93
1,2,4-Trichlorobenzene
Concen: 49.407 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040443.D
Acq: 23 Feb 2024 19:37



Tgt Ion:180 Resp: 65157
Ion Ratio Lower Upper
180 100
182 93.0 48.3 144.8
145 31.7 18.0 54.0





#94

Hexachlorobutadiene

Concen: 46.877 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

Instrument :

MSVOA_X

ClientSampleId :

20241107-AMENDED-COMPOSITE-35N-N-4-06MS

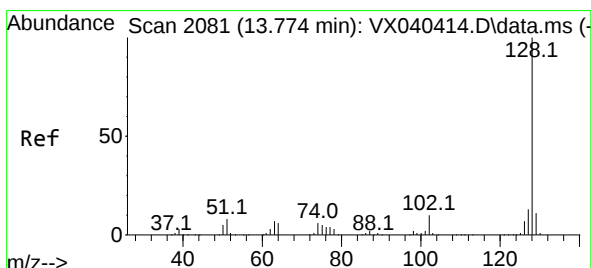
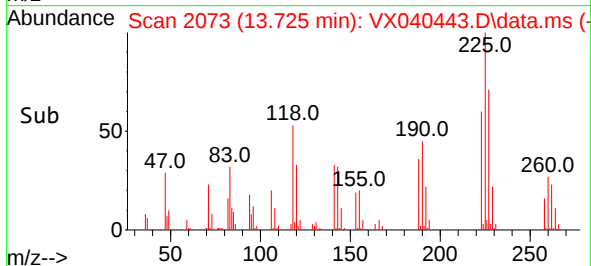
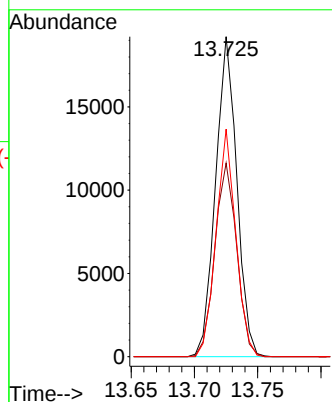
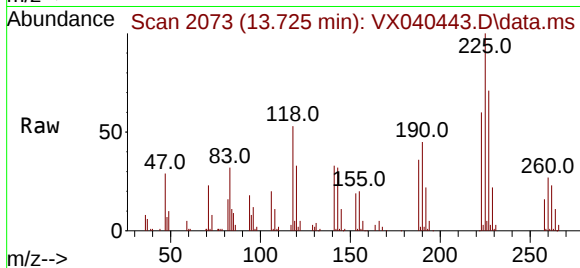
Tgt Ion:	225	Resp:	22390
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	66.2	32.5	97.5

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#95

Naphthalene

Concen: 57.097 ug/l

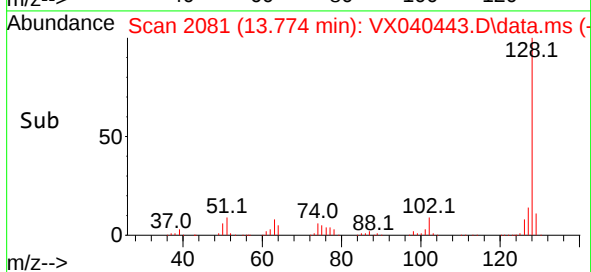
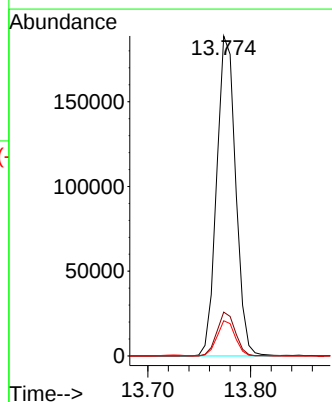
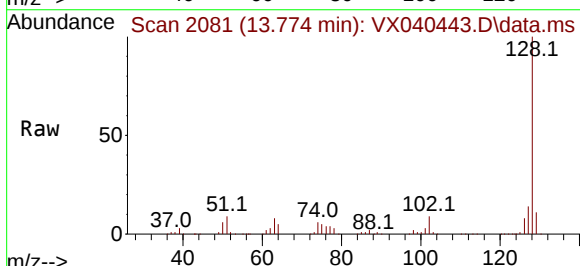
RT: 13.774 min Scan# 2081

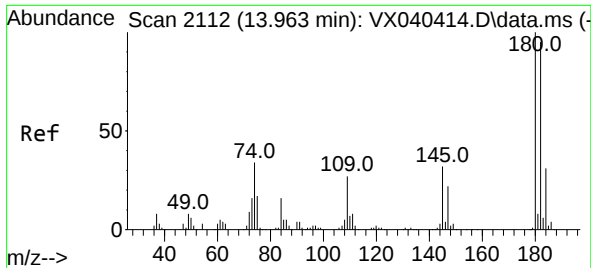
Delta R.T. 0.000 min

Lab File: VX040443.D

Acq: 23 Feb 2024 19:37

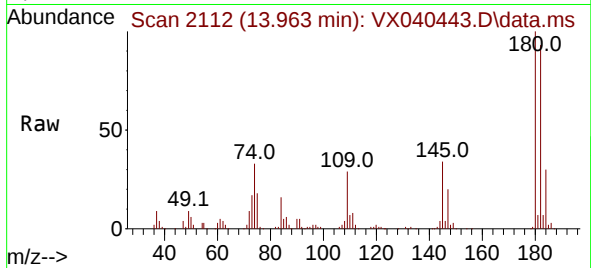
Tgt Ion:	128	Resp:	241635
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.3	15.5
129	10.5	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 52.120 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX040443.D
 Acq: 23 Feb 2024 19:37

Instrument : MSVOA_X
 ClientSampleId : 20241107-AMENDED-COMPOSITE-35N-N-4-06MS



Tgt Ion:180 Resp: 66178
 Ion Ratio Lower Upper
 180 100
 182 92.7 46.9 140.6
 145 33.6 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

