

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034528.D
 Acq On : 15 Mar 2023 23:01
 Operator : JC/MD
 Sample : 01909-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMS

Quant Time: Mar 16 05:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	261615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	450786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	410118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	204165	53.643	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.280%			
35) Dibromofluoromethane	5.385	113	154150	51.792	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	8.647	98	564785	50.832	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	227569	50.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117537	48.192	ug/l	99
3) Chloromethane	1.307	50	166118	44.828	ug/l	100
4) Vinyl Chloride	1.374	62	158029	47.586	ug/l	98
5) Bromomethane	1.599	94	85864	51.245	ug/l	97
6) Chloroethane	1.679	64	100347	52.481	ug/l	99
7) Trichlorofluoromethane	1.886	101	254528	51.008	ug/l	99
8) Diethyl Ether	2.130	74	94506	51.882	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	139351	47.919	ug/l	99
10) Methyl Iodide	2.453	142	196420	51.446	ug/l	96
11) Tert butyl alcohol	2.959	59	171547	216.445	ug/l	100
12) 1,1-Dichloroethene	2.319	96	135214	47.212	ug/l	97
13) Acrolein	2.233	56	187252	298.650	ug/l	99
14) Allyl chloride	2.660	41	268288	46.206	ug/l	97
15) Acrylonitrile	3.062	53	437073	255.287	ug/l	99
16) Acetone	2.374	43	375367	209.374	ug/l	99
17) Carbon Disulfide	2.508	76	338776	42.033	ug/l	99
18) Methyl Acetate	2.703	43	253331	43.245	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	510834	49.816	ug/l	98
20) Methylene Chloride	2.788	84	158045	45.422	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	147371	48.452	ug/l	98
22) Diisopropyl ether	3.757	45	549292	49.618	ug/l	95
23) Vinyl Acetate	3.721	43	1848825	219.437	ug/l	99
24) 1,1-Dichloroethane	3.605	63	292934	49.225	ug/l	99
25) 2-Butanone	4.550	43	624039	243.266	ug/l	100
26) 2,2-Dichloropropane	4.471	77	221245	42.771	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	179010	48.891	ug/l	99
28) Bromochloromethane	4.897	49	145686	52.651	ug/l	98
29) Tetrahydrofuran	5.001	42	407147	257.214	ug/l	99
30) Chloroform	5.093	83	304780	52.248	ug/l	99
31) Cyclohexane	5.471	56	255686	47.902	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	265399	51.394	ug/l	99
36) 1,1-Dichloropropene	5.690	75	217719	47.626	ug/l	99
37) Ethyl Acetate	4.715	43	214319	42.914	ug/l	99
38) Carbon Tetrachloride	5.678	117	222382	48.900	ug/l	98
39) Methylcyclohexane	7.379	83	252566	46.167	ug/l	97
40) Benzene	6.038	78	643801	48.142	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	140194	51.222	ug/l	99
42) 1,2-Dichloroethane	6.086	62	259088	52.715	ug/l	99
43) Isopropyl Acetate	6.336	43	396107	46.819	ug/l	100
44) Trichloroethene	7.123	130	162050	46.637	ug/l	97
45) 1,2-Dichloropropane	7.428	63	172657	49.446	ug/l	99
46) Dibromomethane	7.580	93	118021	49.716	ug/l	98
47) Bromodichloromethane	7.824	83	230059	50.074	ug/l	97
48) Methyl methacrylate	7.690	41	207529	51.002	ug/l	98
49) 1,4-Dioxane	7.653	88	80137	937.664	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1289491	262.735	ug/l	99
52) Toluene	8.720	92	403753	48.766	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	248804	48.069	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	264612	47.253	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	166931	50.804	ug/l	97
56) Ethyl methacrylate	9.116	69	272518	50.514	ug/l	98
57) 1,3-Dichloropropane	9.305	76	293847	50.318	ug/l	99
59) 2-Hexanone	9.427	43	972885	256.432	ug/l	100
60) Dibromochloromethane	9.519	129	175153	50.826	ug/l	100
61) 1,2-Dibromoethane	9.610	107	174607	49.244	ug/l	100
64) Tetrachloroethene	9.275	164	126630	45.965	ug/l	99
65) Chlorobenzene	10.079	112	429986	47.785	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	162971	49.728	ug/l	99
67) Ethyl Benzene	10.195	91	791994	49.165	ug/l	98
68) m/p-Xylenes	10.299	106	593137	95.850	ug/l	97
69) o-Xylene	10.640	106	299232	48.185	ug/l	99
70) Styrene	10.653	104	493630	49.268	ug/l	99
71) Bromoform	10.799	173	122775	48.668	ug/l #	99
73) Isopropylbenzene	10.963	105	780257	48.676	ug/l	99
74) N-amyl acetate	10.842	43	340639	44.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	272572	50.958	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	224539m	47.151	ug/l	
77) Bromobenzene	11.195	156	184134	47.879	ug/l	98
78) n-propylbenzene	11.305	91	919064	49.646	ug/l	99
79) 2-Chlorotoluene	11.366	91	566656	49.562	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	665021	49.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78582	44.641	ug/l	94
82) 4-Chlorotoluene	11.451	91	652856	49.574	ug/l	100
83) tert-Butylbenzene	11.713	119	680926	50.231	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	669575	48.729	ug/l	99
85) sec-Butylbenzene	11.890	105	814345	49.138	ug/l	100
86) p-Isopropyltoluene	12.006	119	685155	49.191	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	359495	47.708	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	362979	47.639	ug/l	100
89) n-Butylbenzene	12.335	91	592703	47.867	ug/l	98
90) Hexachloroethane	12.536	117	122112	47.380	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	355718	48.848	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61183	50.345	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	213312	46.842	ug/l	100
94) Hexachlorobutadiene	13.725	225	84835	46.242	ug/l	100
95) Naphthalene	13.774	128	755128	49.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	213664	47.999	ug/l	97

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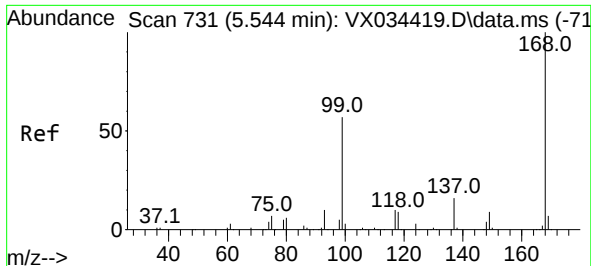
Manual Integrations
APPROVED

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

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



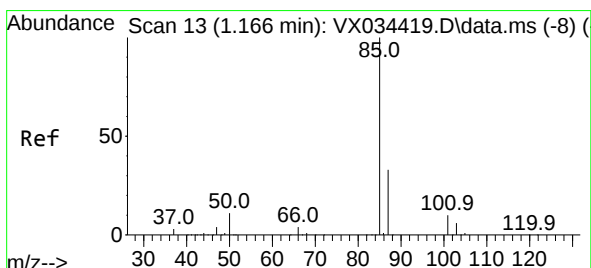
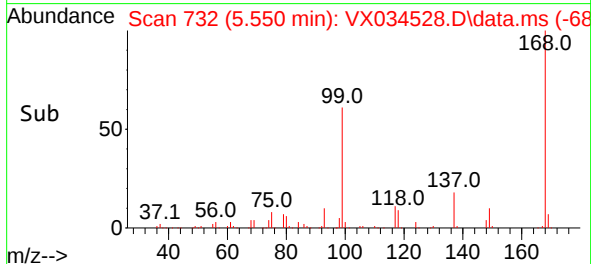
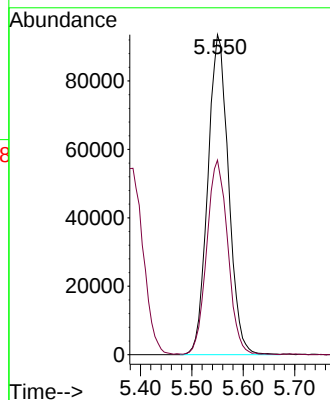
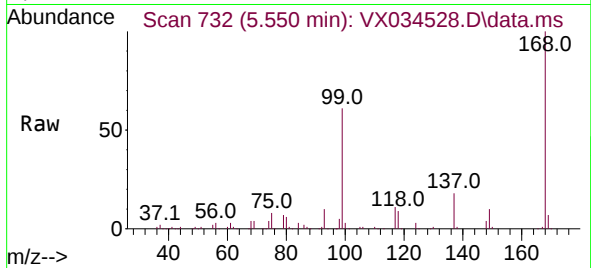
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS

Tgt Ion:168 Resp: 26161
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5

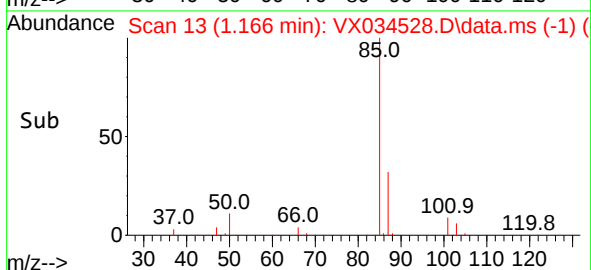
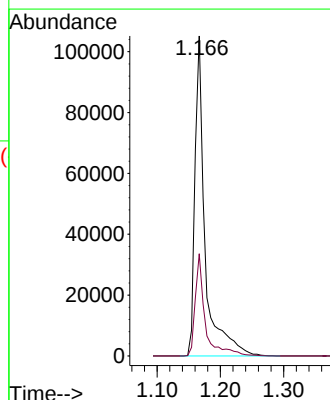
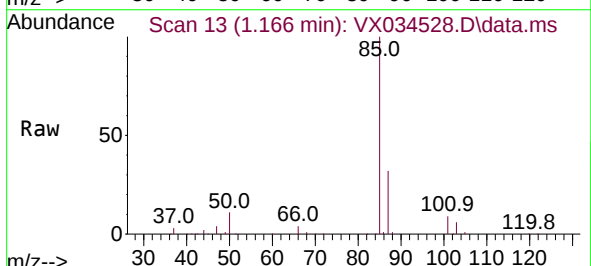
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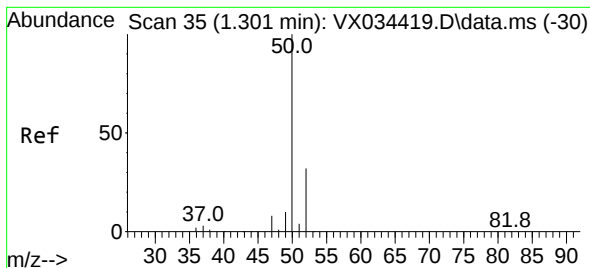
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 48.192 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

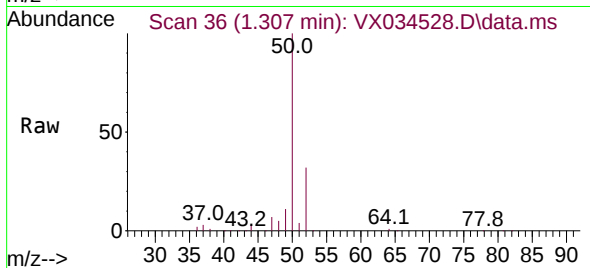
Tgt Ion: 85 Resp: 117537
Ion Ratio Lower Upper
85 100
87 31.9 16.4 49.1





#3
Chloromethane
Concen: 44.828 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

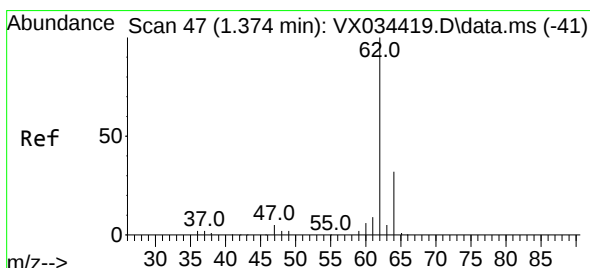
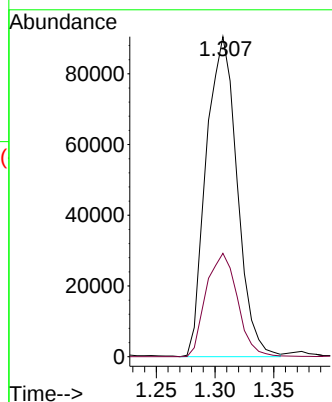
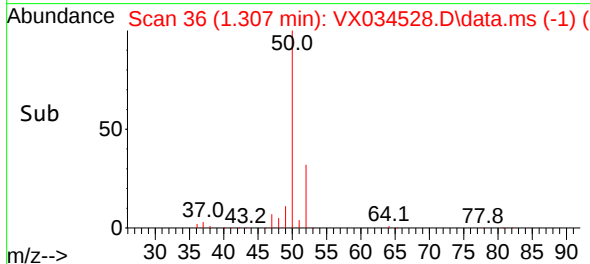
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 50 Resp: 166118
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

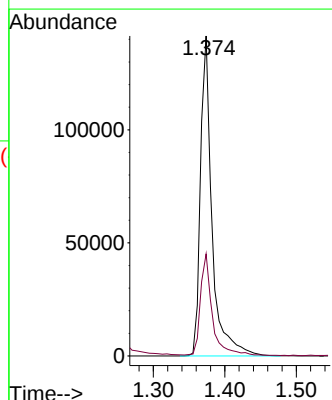
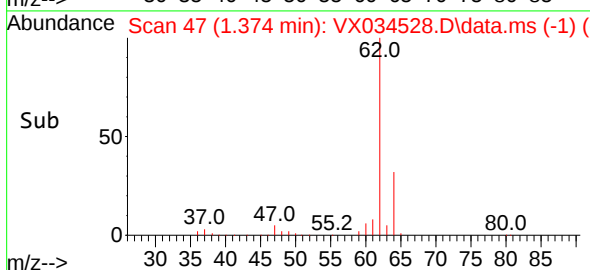
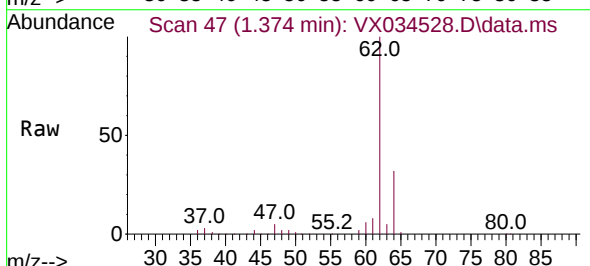
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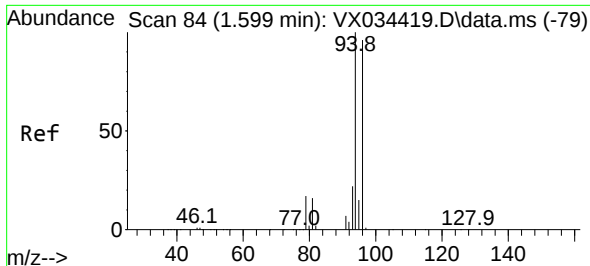
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#4
Vinyl Chloride
Concen: 47.586 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

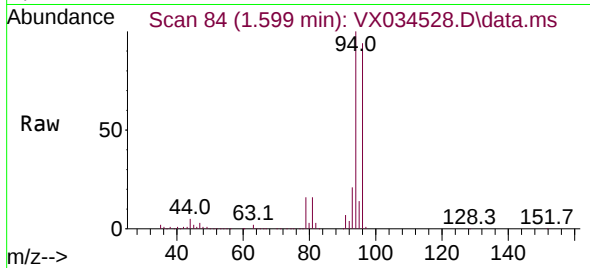
Tgt Ion: 62 Resp: 158029
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6





#5
Bromomethane
Concen: 51.245 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

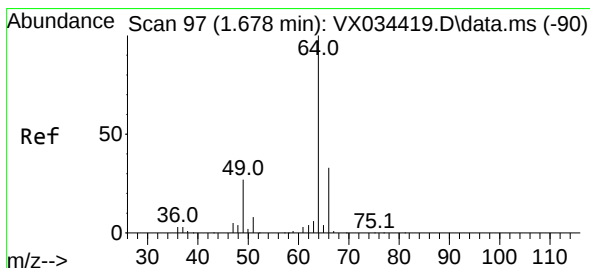
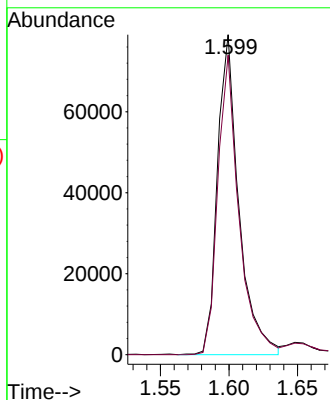
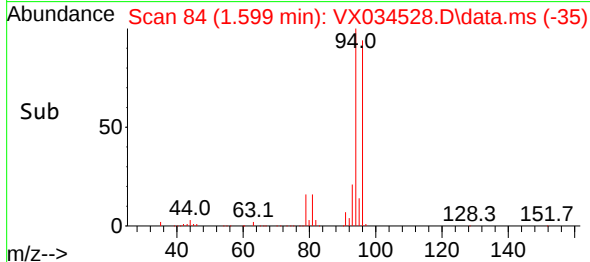
Instrument :
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Tgt Ion: 94 Resp: 85864
Ion Ratio Lower Upper
94 100
96 93.6 77.0 115.6

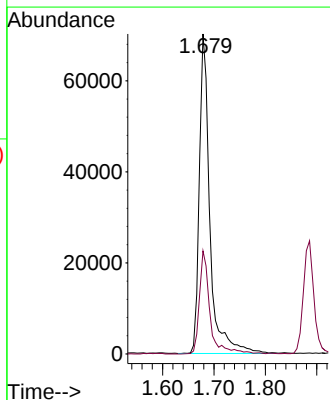
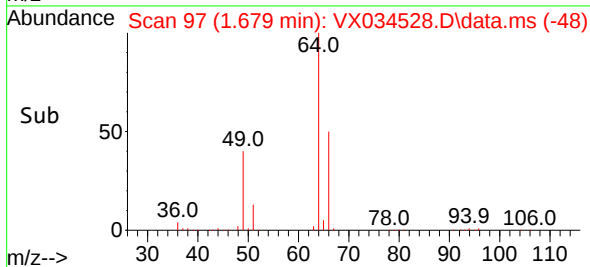
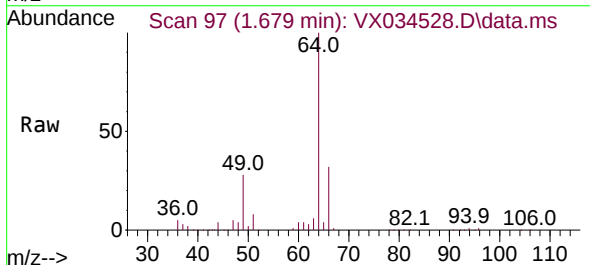
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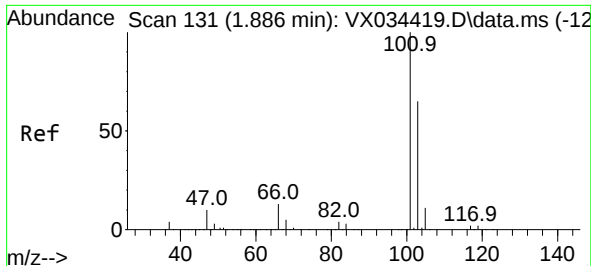
Reviewed By :John Carlone 03/16/2023
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#6
Chloroethane
Concen: 52.481 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

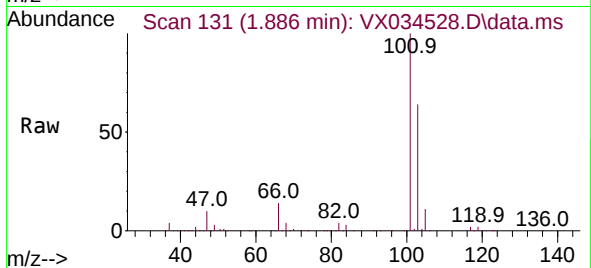
Tgt Ion: 64 Resp: 100347
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 51.008 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

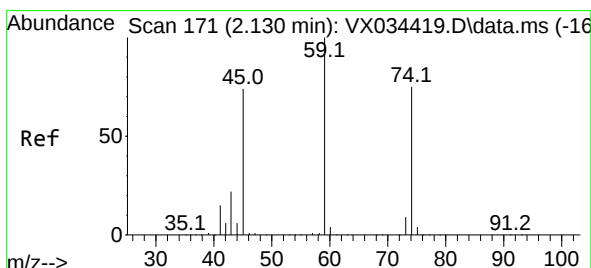
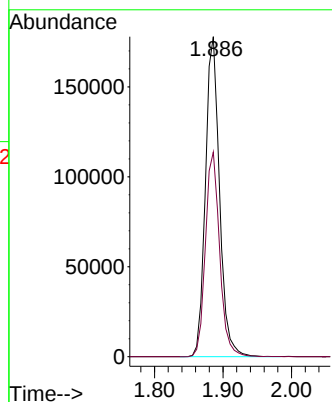
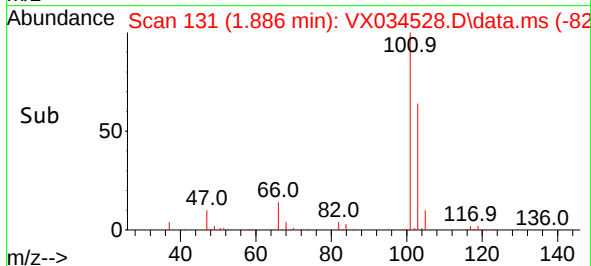
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion:101 Resp: 254528
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

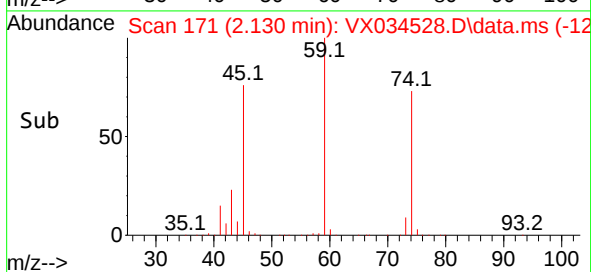
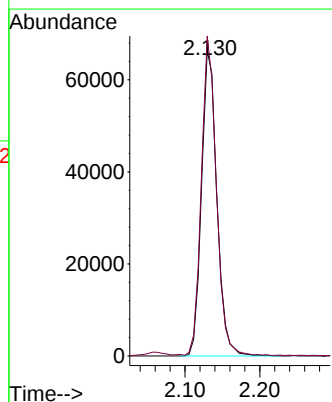
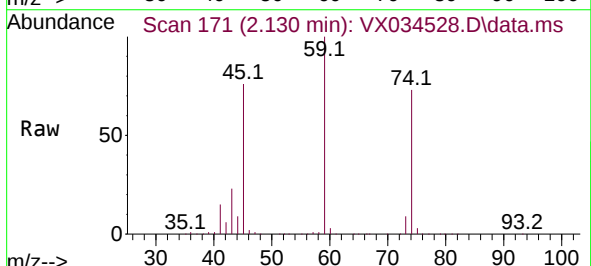
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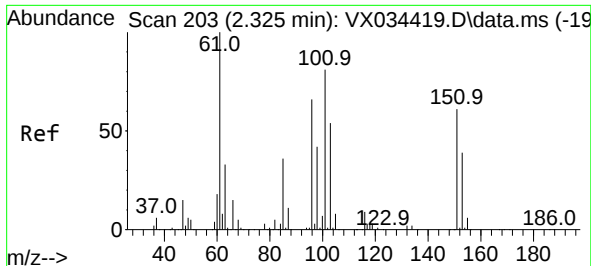
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Diethyl Ether
Concen: 51.882 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034528.D
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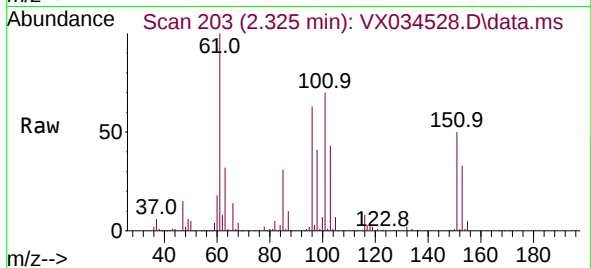
Tgt Ion: 74 Resp: 94506
Ion Ratio Lower Upper
74 100
45 102.6 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.919 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034528.D
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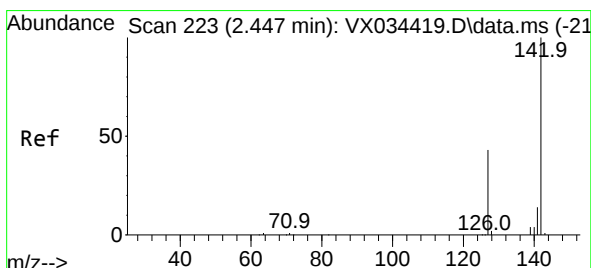
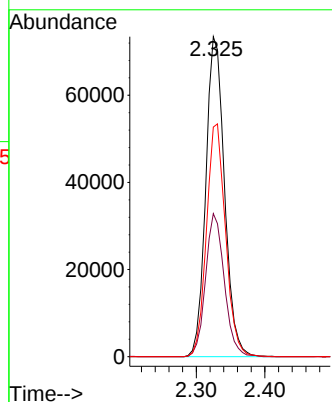
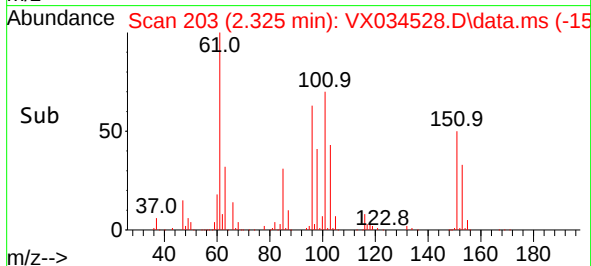
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



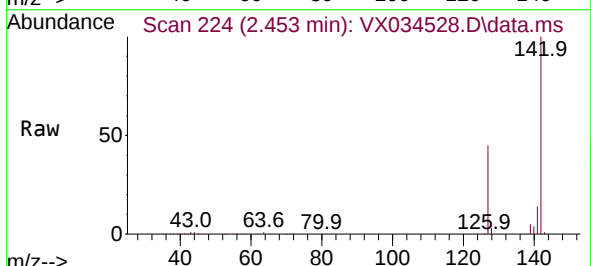
Tgt Ion:101 Resp: 13935
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 74.1 60.2 90.4

Manual Integrations
APPROVED

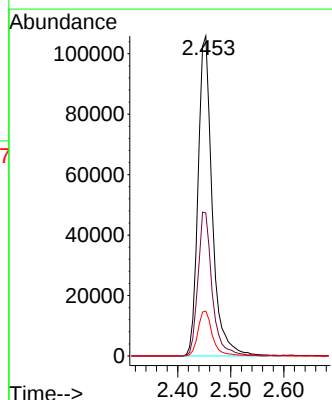
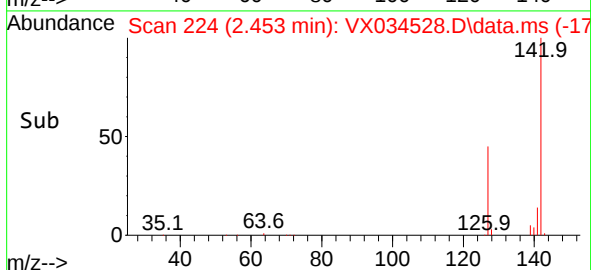
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

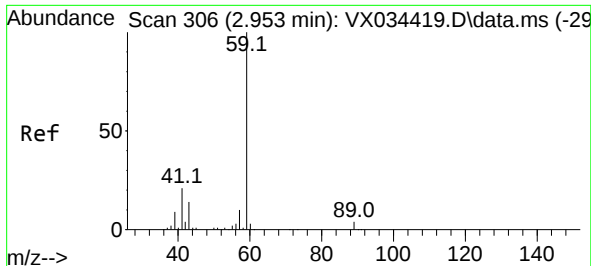


#10
Methyl Iodide
Concen: 51.446 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



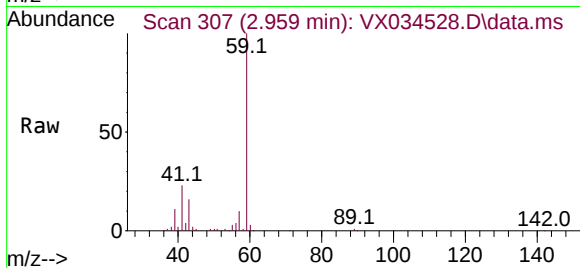
Tgt Ion:142 Resp: 196420
Ion Ratio Lower Upper
142 100
127 45.2 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 216.445 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

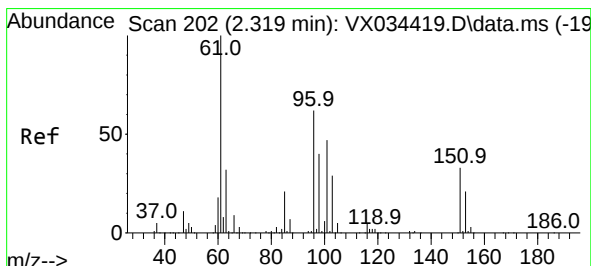
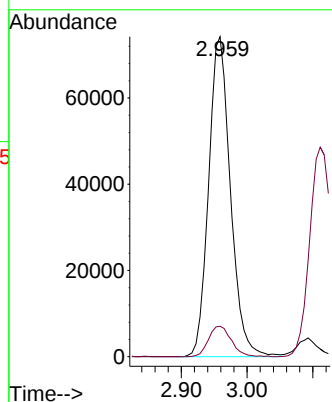
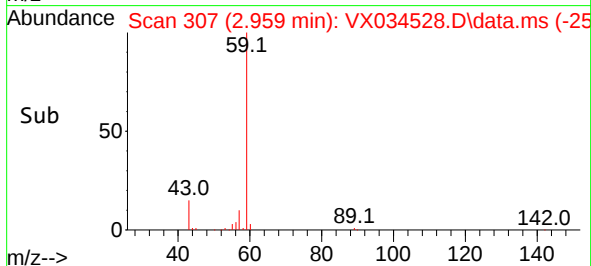
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 59 Resp: 17154
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

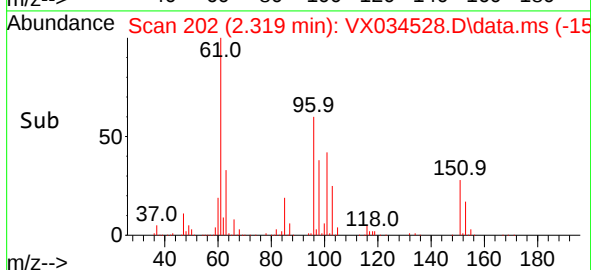
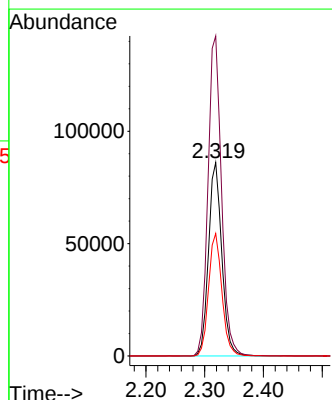
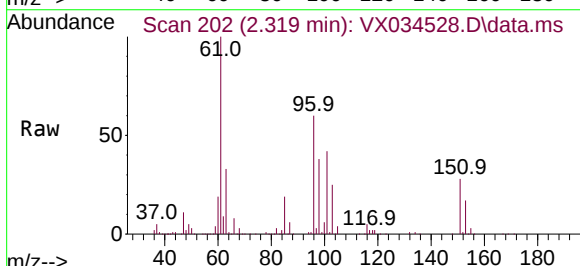
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#12
1,1-Dichloroethene
Concen: 47.212 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

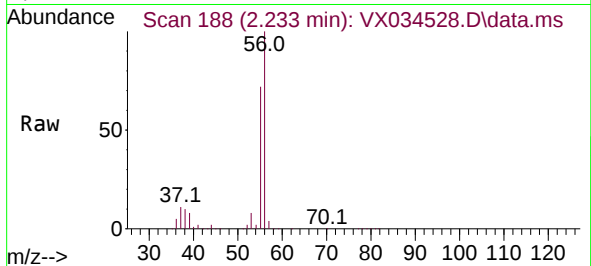
Tgt Ion: 96 Resp: 135214
Ion Ratio Lower Upper
96 100
61 165.4 128.8 193.2
98 63.3 51.4 77.0





#13
Acrolein
Concen: 298.650 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

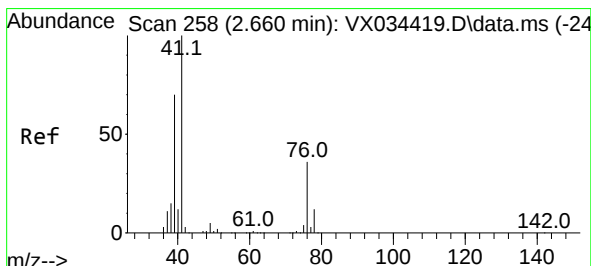
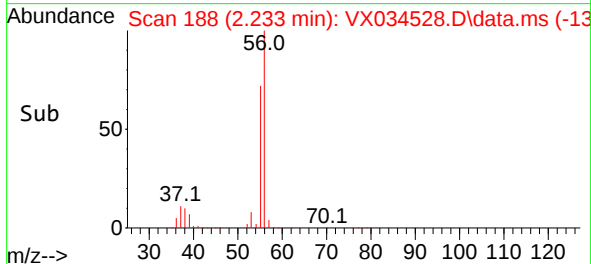
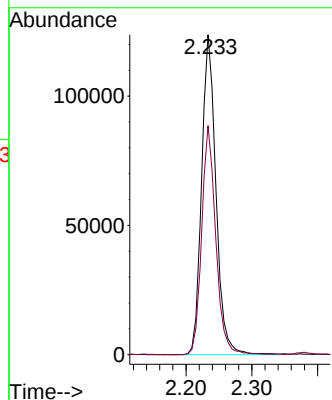
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 56 Resp: 18725
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

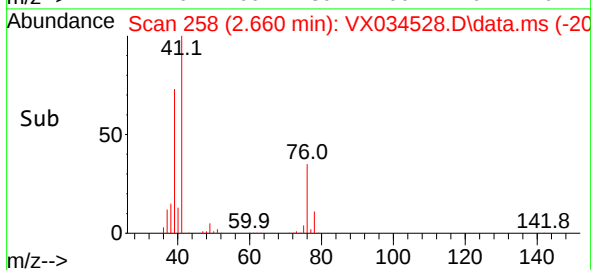
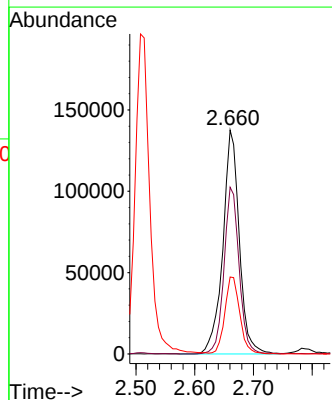
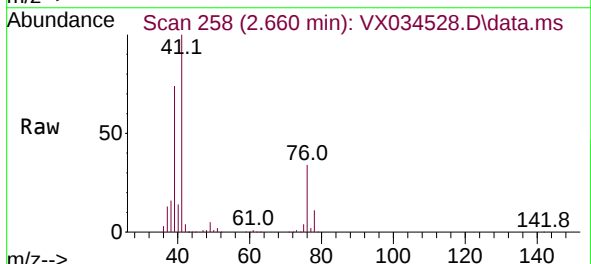
Manual Integrations
APPROVED

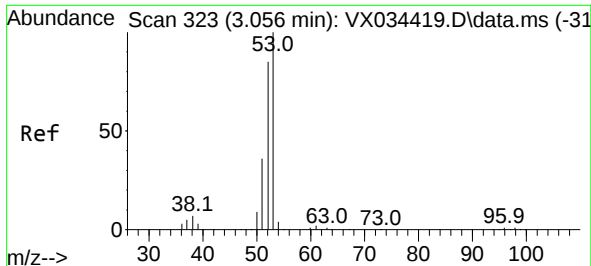
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#14
Allyl chloride
Concen: 46.206 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

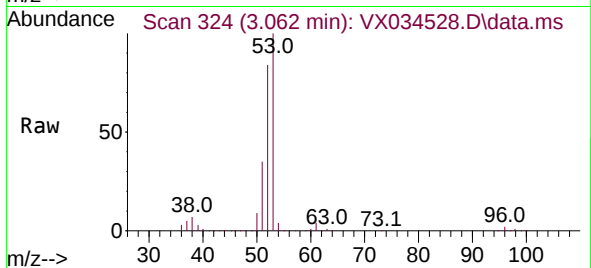
Tgt Ion: 41 Resp: 268288
Ion Ratio Lower Upper
41 100
39 68.5 52.4 78.6
76 31.3 26.0 39.0





#15
Acrylonitrile
Concen: 255.287 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

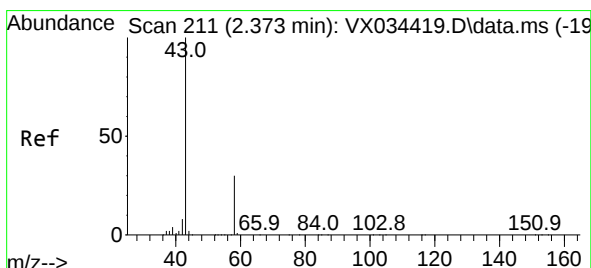
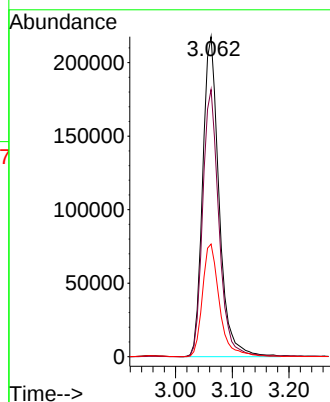
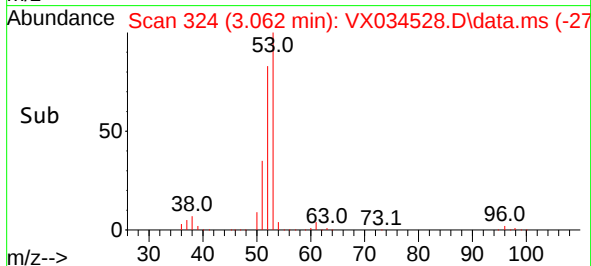
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 53 Resp: 43707
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 36.6 28.3 42.5

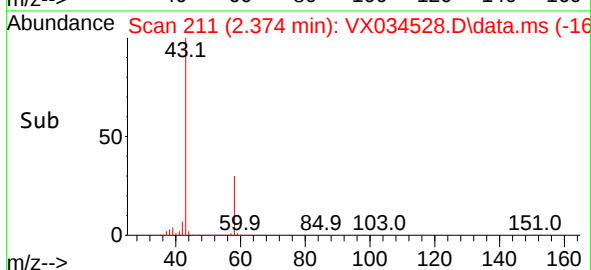
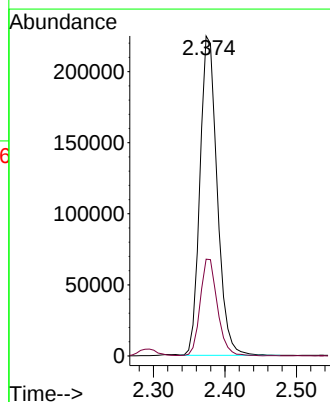
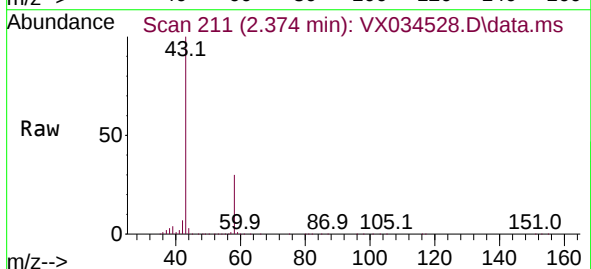
Manual Integrations
APPROVED

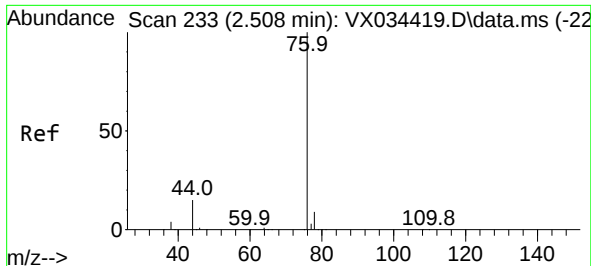
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
Acetone
Concen: 209.374 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

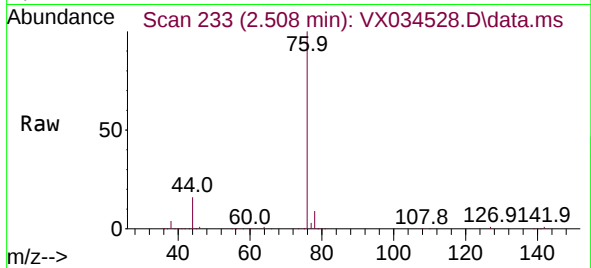
Tgt Ion: 43 Resp: 375367
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1





#17
Carbon Disulfide
Concen: 42.033 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

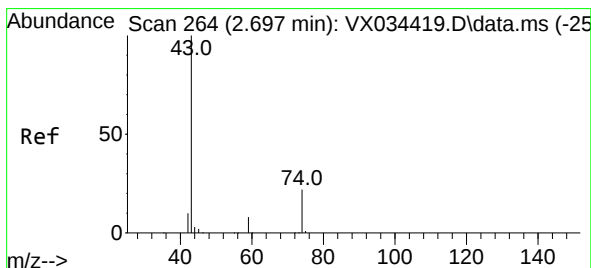
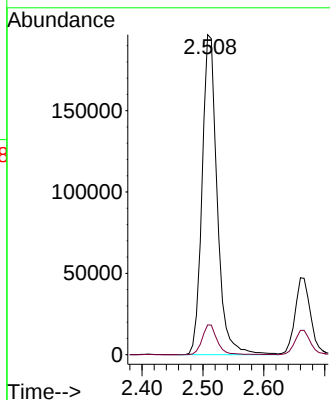
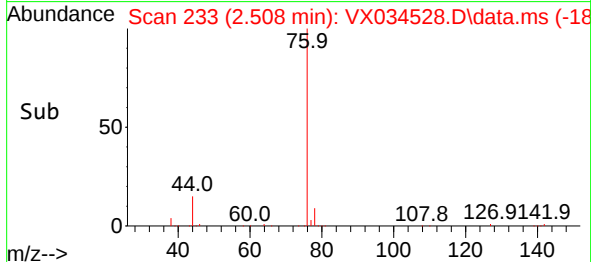
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



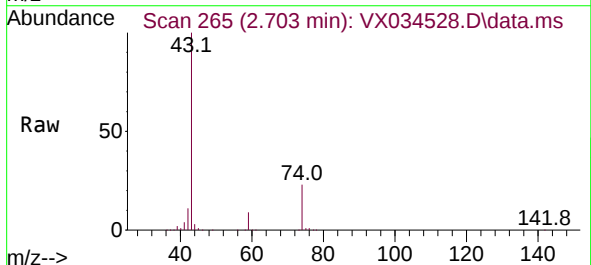
Tgt Ion: 76 Resp: 338776
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

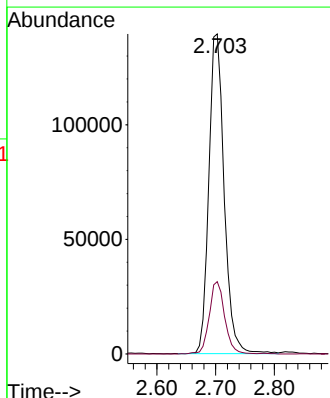
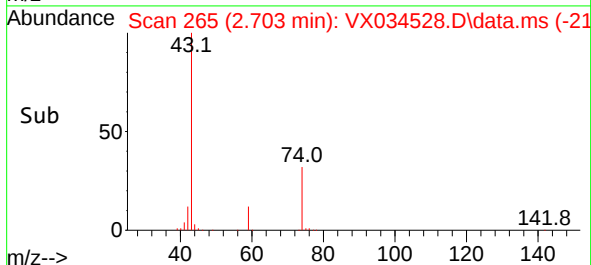
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

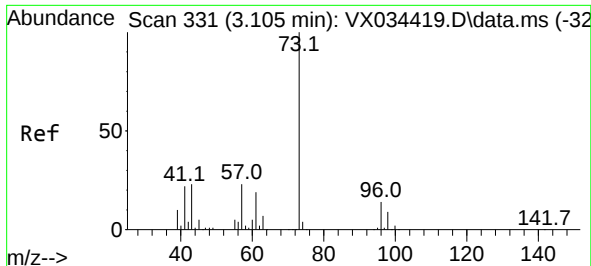


#18
Methyl Acetate
Concen: 43.245 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



Tgt Ion: 43 Resp: 253331
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





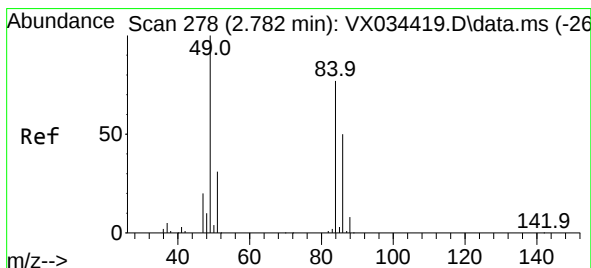
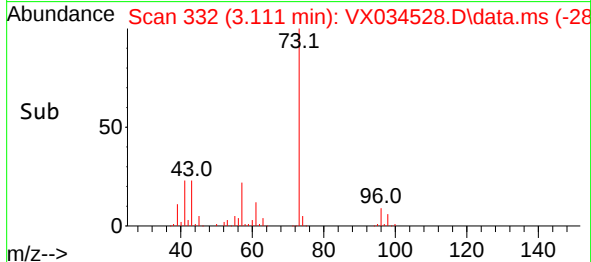
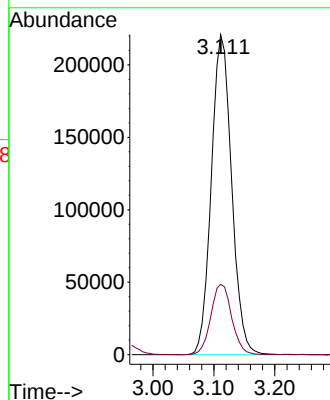
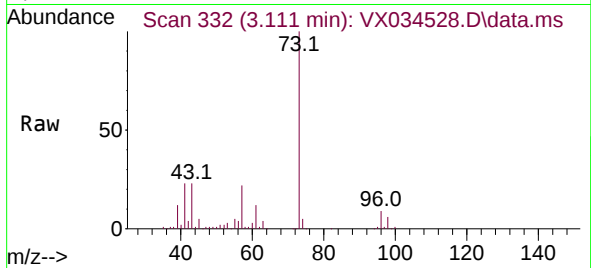
#19
Methyl tert-butyl Ether
Concen: 49.816 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS

Tgt Ion: 73 Resp: 510834
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

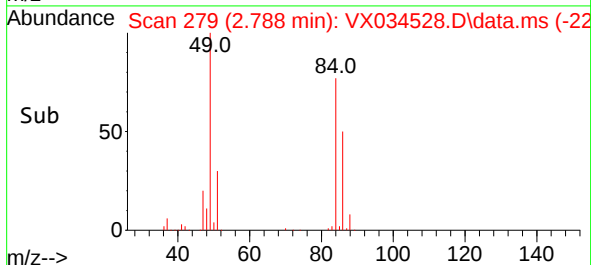
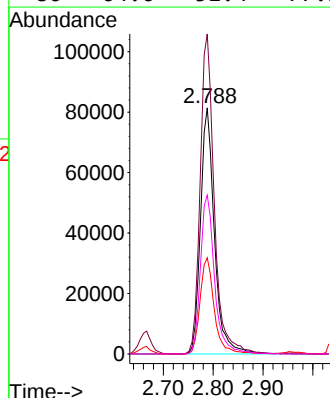
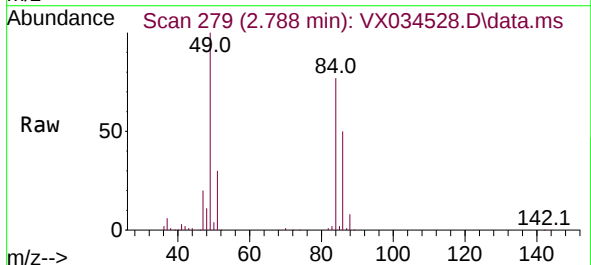
Manual Integrations
APPROVED

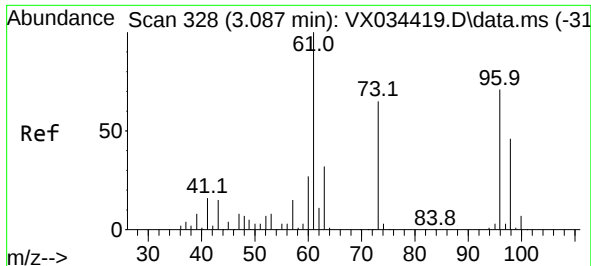
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#20
Methylene Chloride
Concen: 45.422 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

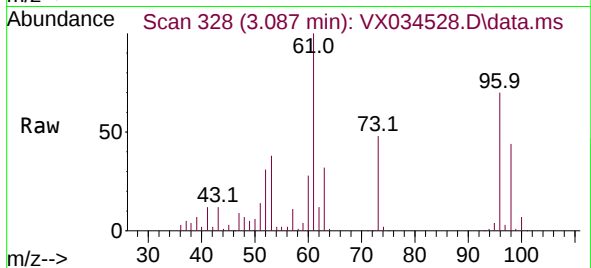
Tgt Ion: 84 Resp: 158045
Ion Ratio Lower Upper
84 100
49 130.0 103.8 155.8
51 39.1 31.8 47.8
86 64.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 48.452 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

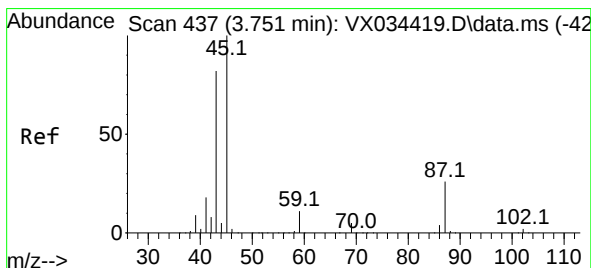
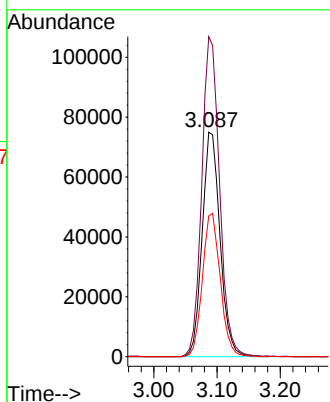
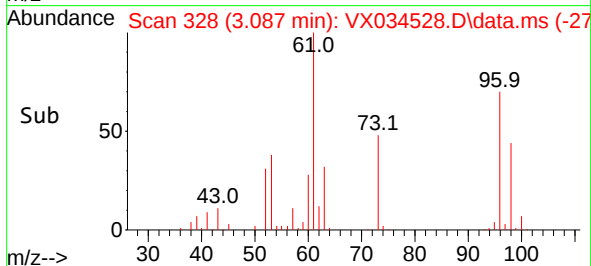
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



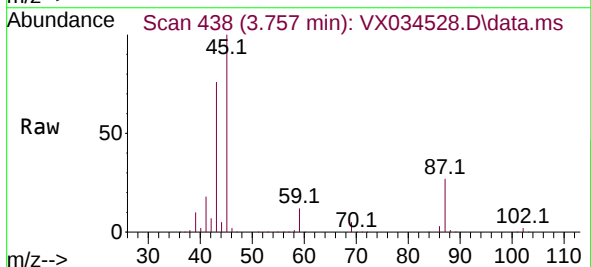
Tgt Ion: 96 Resp: 14737
Ion Ratio Lower Upper
96 100
61 142.5 113.0 169.6
98 62.6 52.1 78.1

Manual Integrations
APPROVED

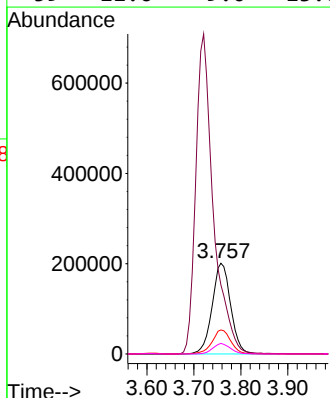
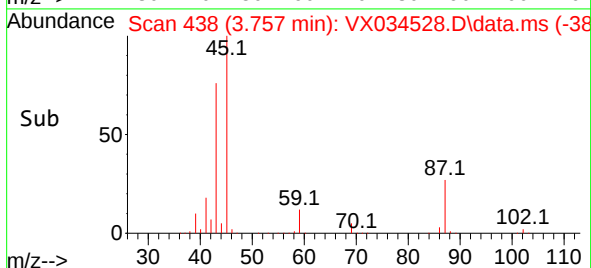
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

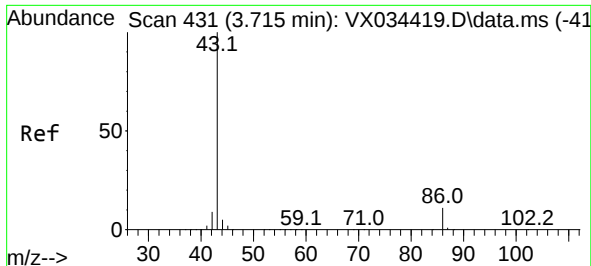


#22
Diisopropyl ether
Concen: 49.618 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



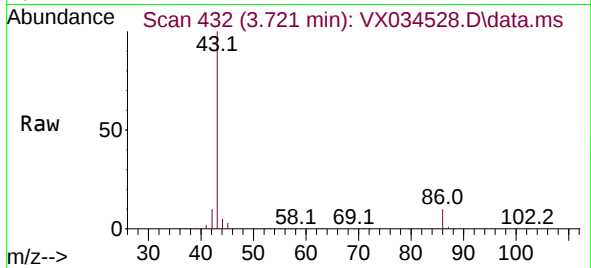
Tgt Ion: 45 Resp: 549292
Ion Ratio Lower Upper
45 100
43 75.9 65.4 98.2
87 26.6 20.6 31.0
59 11.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 219.437 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034528.D
 Acq: 15 Mar 2023 23:01

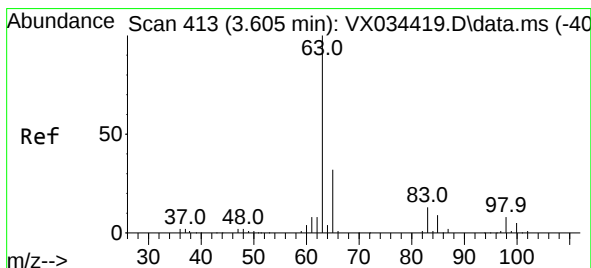
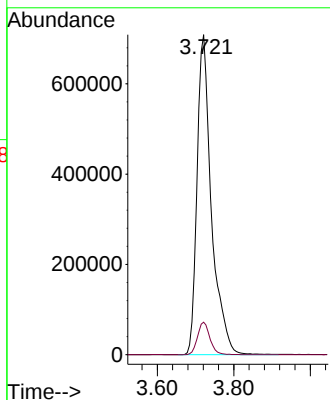
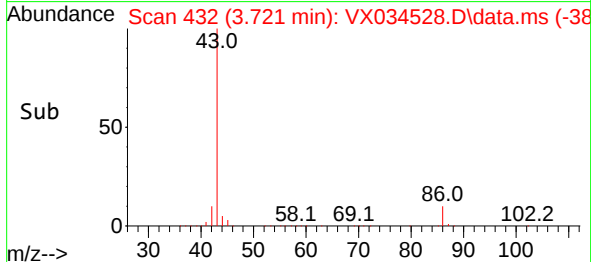
Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMS



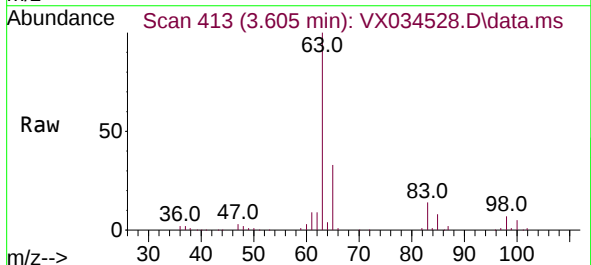
Tgt Ion: 43 Resp: 184882
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

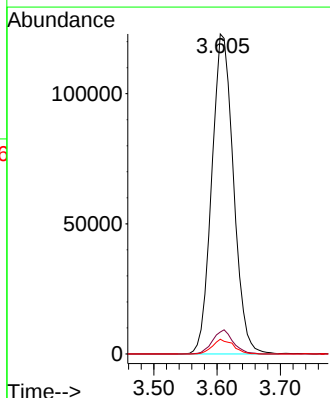
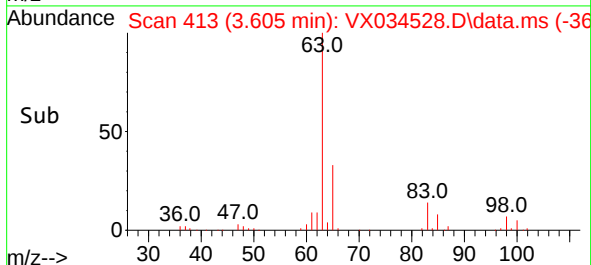
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

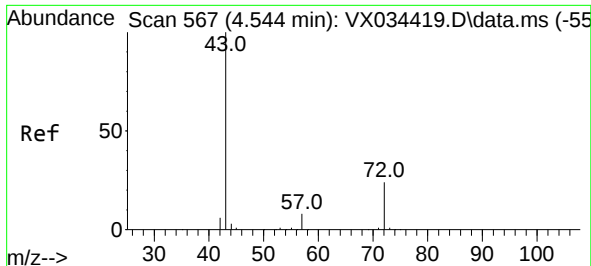


#24
 1,1-Dichloroethane
 Concen: 49.225 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034528.D
 Acq: 15 Mar 2023 23:01



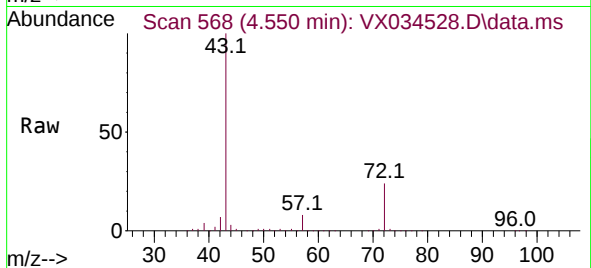
Tgt Ion: 63 Resp: 292934
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 243.266 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

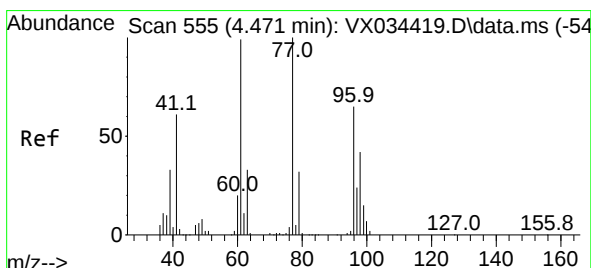
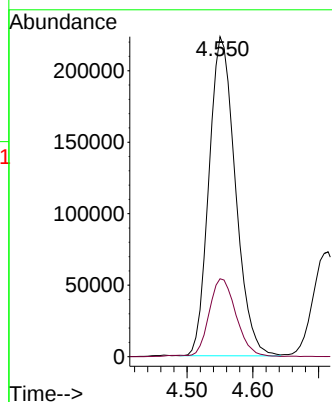
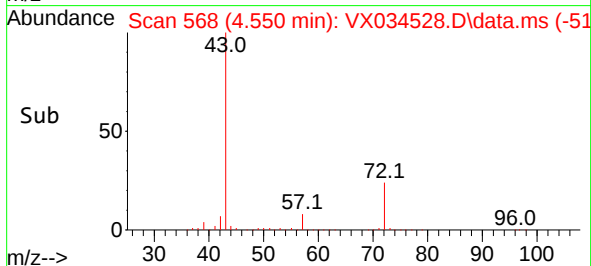
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 43 Resp: 624039
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

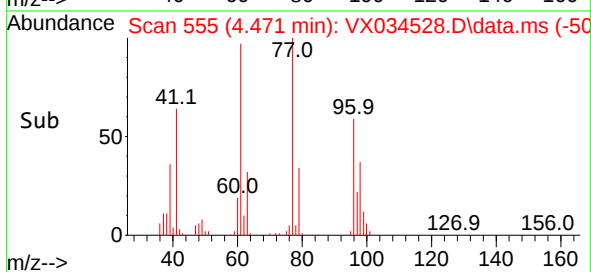
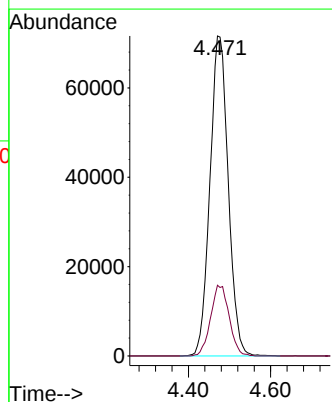
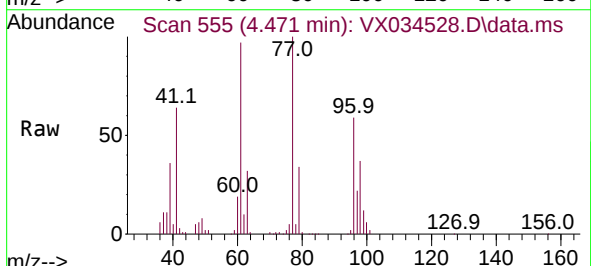
Manual Integrations
APPROVED

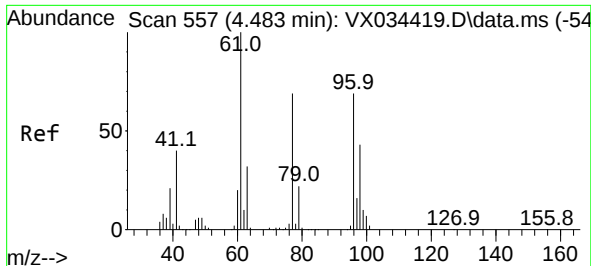
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#26
2,2-Dichloropropane
Concen: 42.771 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion: 77 Resp: 221245
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.891 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 96 Resp: 179010

Ion Ratio Lower Upper

96 100

61 150.9 0.0 300.4

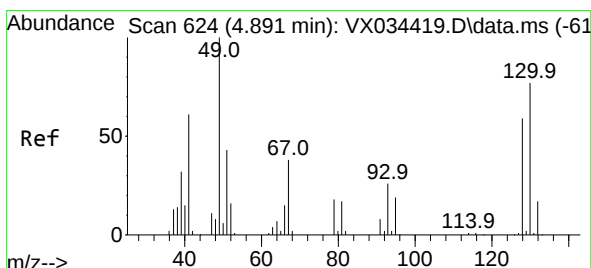
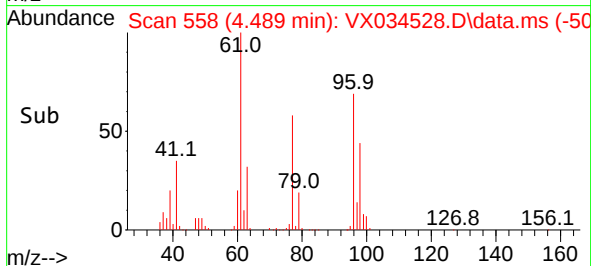
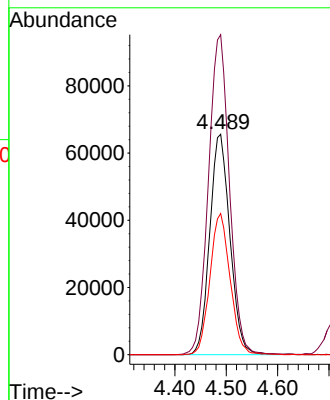
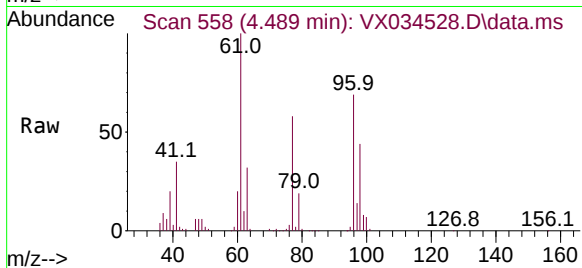
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#28

Bromochloromethane

Concen: 52.651 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

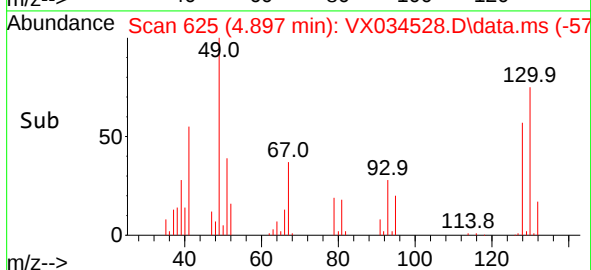
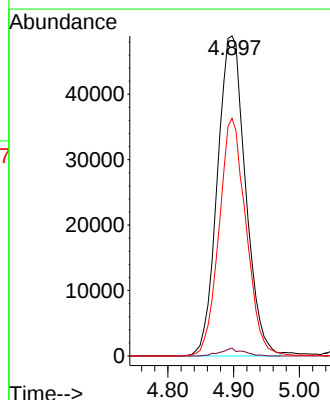
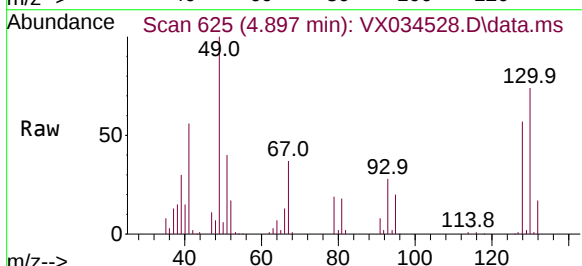
Tgt Ion: 49 Resp: 145686

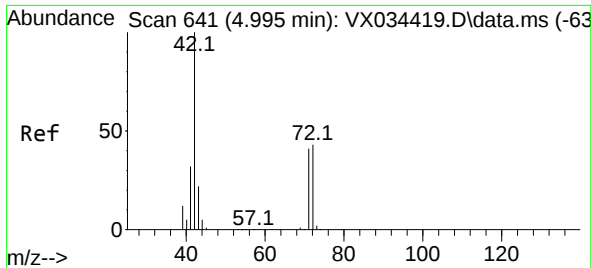
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 71.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 257.214 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 42 Resp: 40714

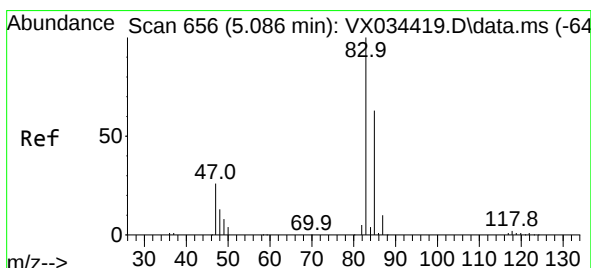
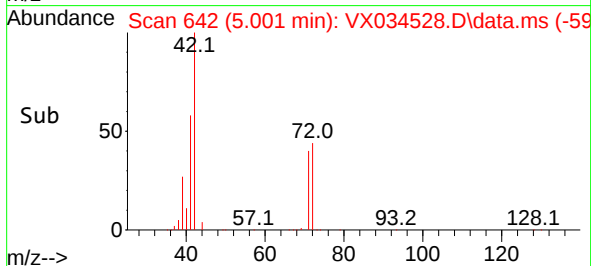
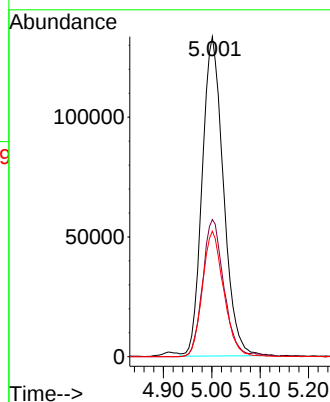
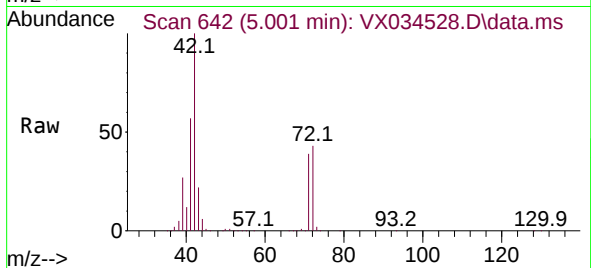
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.5	51.7
71	39.4	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Chloroform

Concen: 52.248 ug/l

RT: 5.093 min Scan# 657

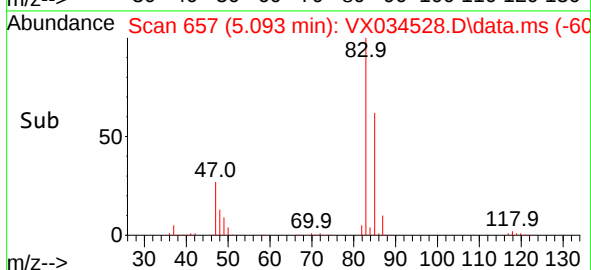
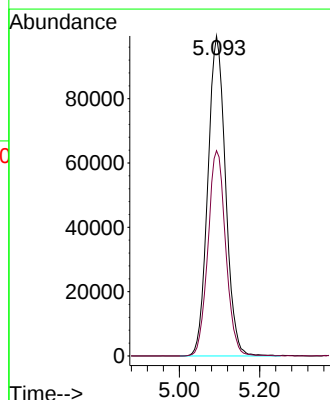
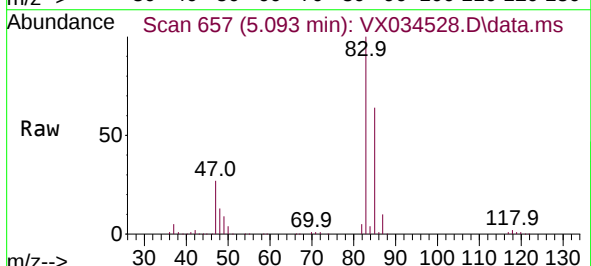
Delta R.T. 0.006 min

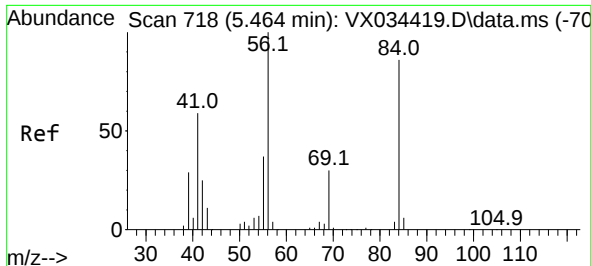
Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Tgt Ion: 83 Resp: 304780

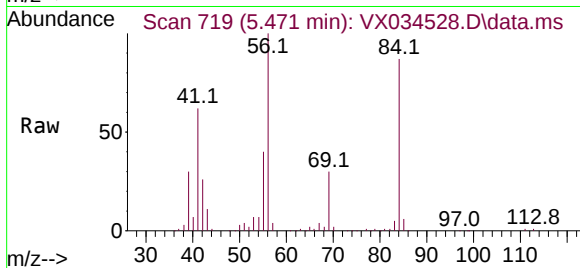
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	76.0





#31
Cyclohexane
Concen: 47.902 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

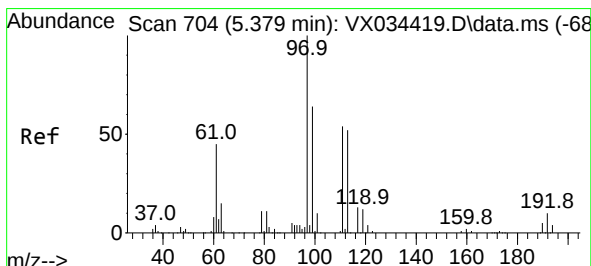
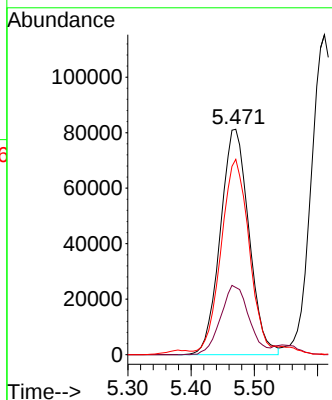
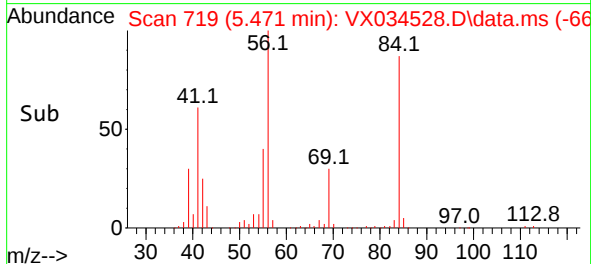
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 56 Resp: 255680
Ion Ratio Lower Upper
56 100
69 29.8 23.7 35.5
84 84.7 68.5 102.7

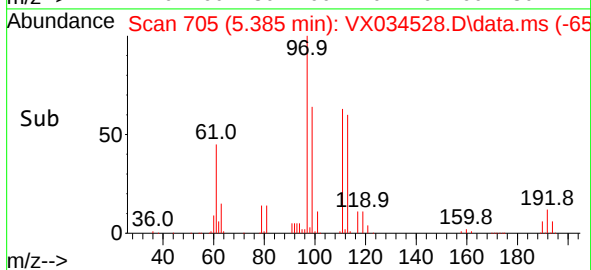
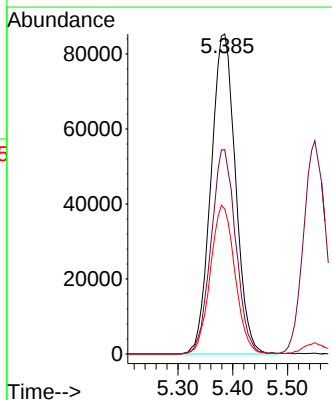
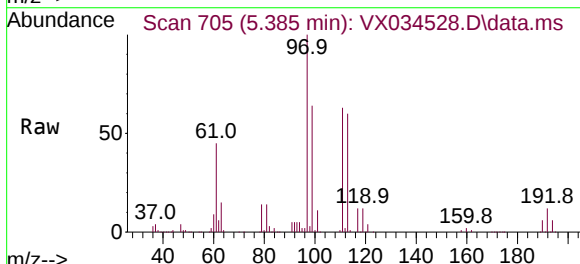
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APPROVED

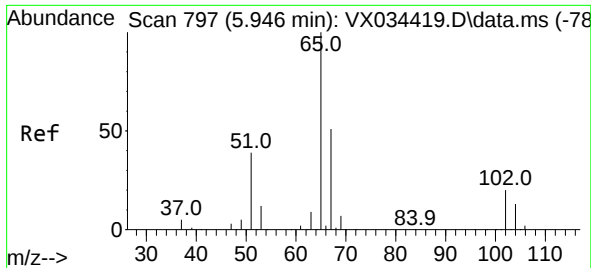
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 51.394 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion: 97 Resp: 265399
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.6 36.5 54.7





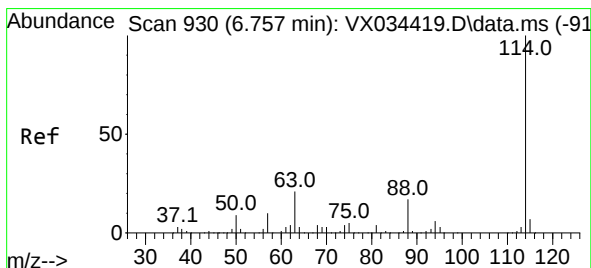
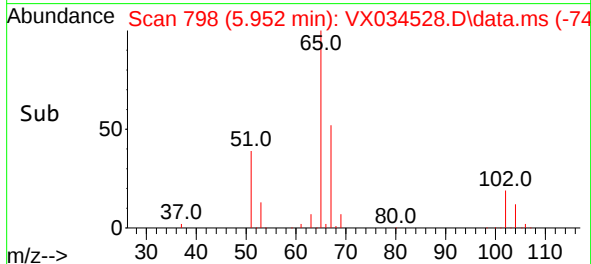
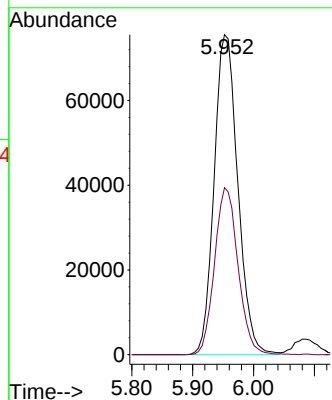
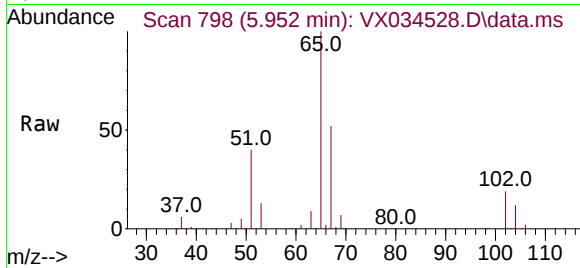
#33
 1,2-Dichloroethane-d4
 Concen: 53.643 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034528.D
 Acq: 15 Mar 2023 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMS

Tgt Ion: 65 Resp: 20416
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0

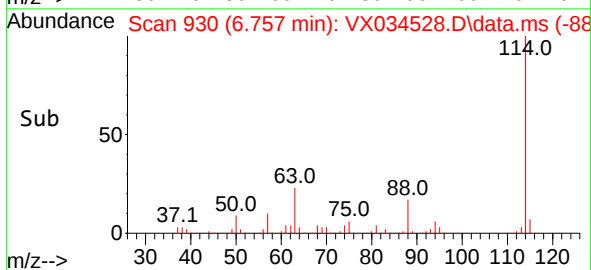
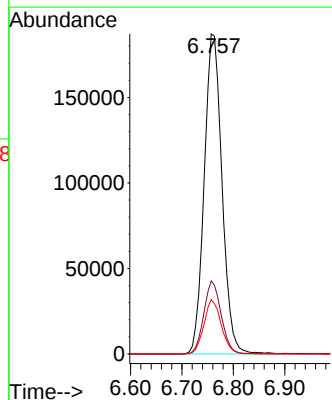
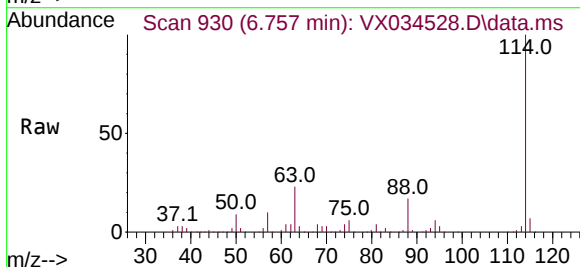
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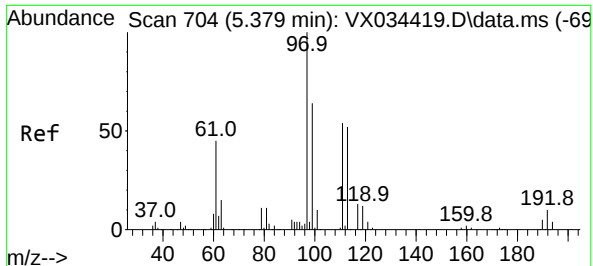
Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034528.D
 Acq: 15 Mar 2023 23:01

Tgt Ion:114 Resp: 450786
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.2
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.792 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034528.D

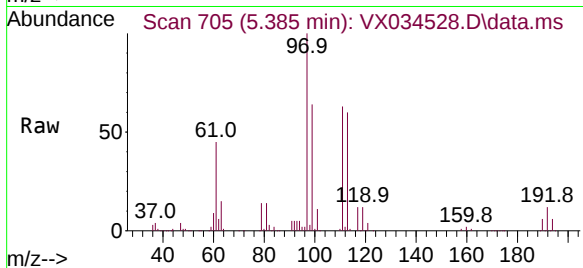
Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS



Tgt Ion: 113 Resp: 154150

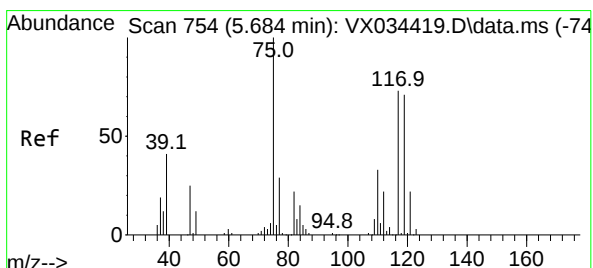
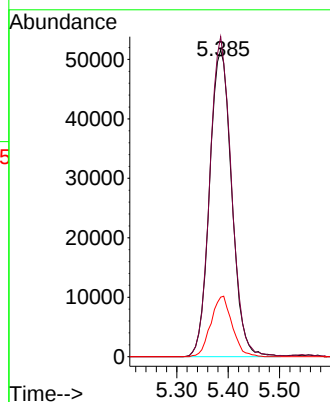
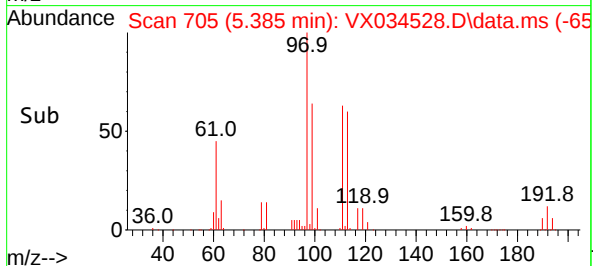
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.7	125.5
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#36

1,1-Dichloropropene

Concen: 47.626 ug/l

RT: 5.690 min Scan# 755

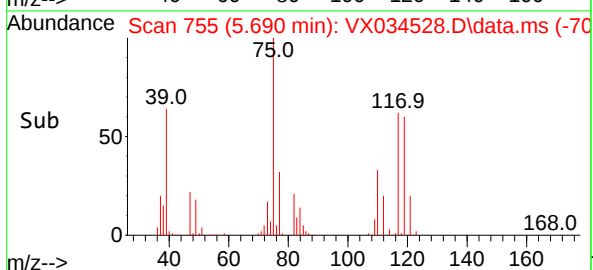
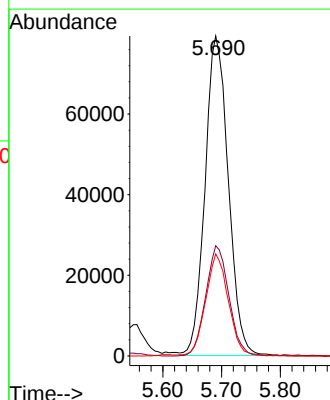
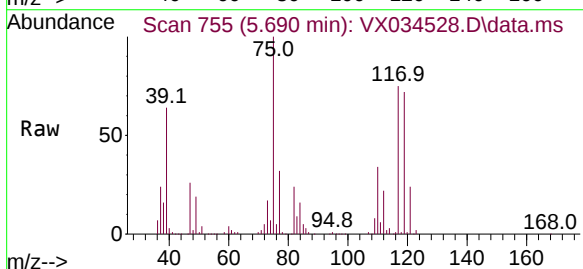
Delta R.T. 0.006 min

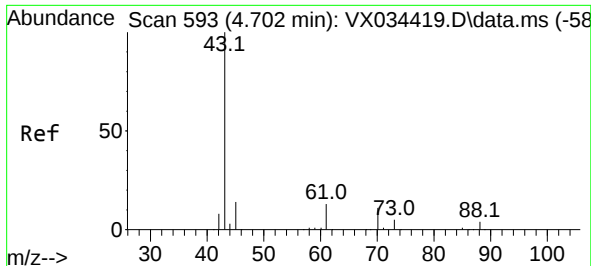
Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Tgt Ion: 75 Resp: 217719

Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.5	52.5
77	30.8	24.3	36.5





#37

Ethyl Acetate

Concen: 42.914 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 43 Resp: 214319

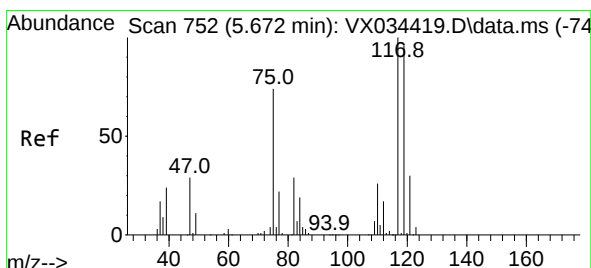
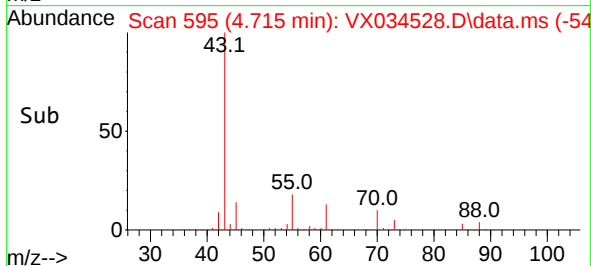
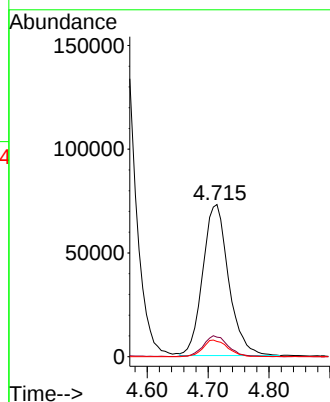
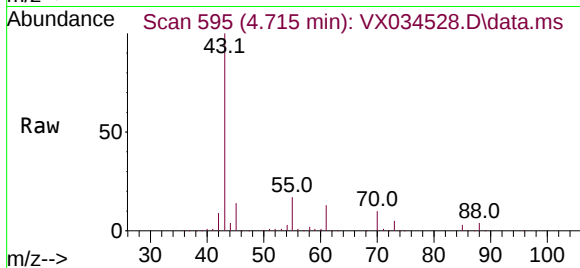
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.4
70	10.6	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#38

Carbon Tetrachloride

Concen: 48.900 ug/l

RT: 5.678 min Scan# 753

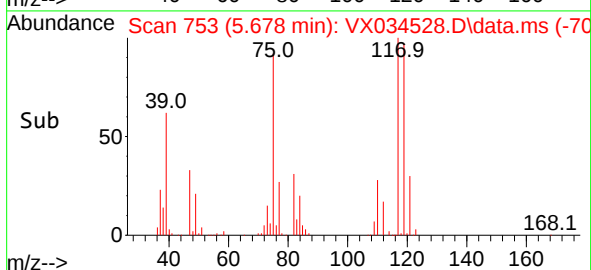
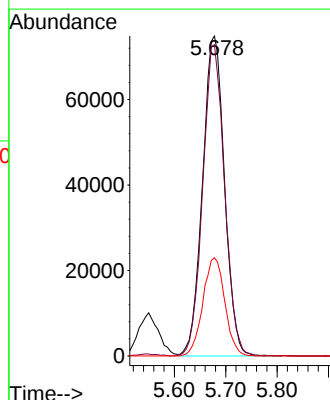
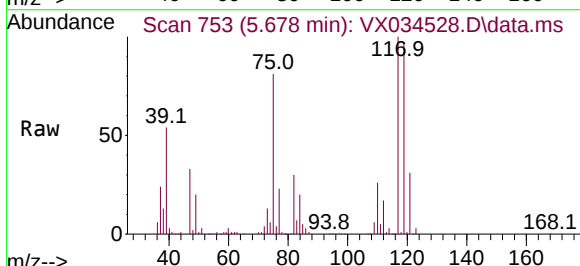
Delta R.T. 0.006 min

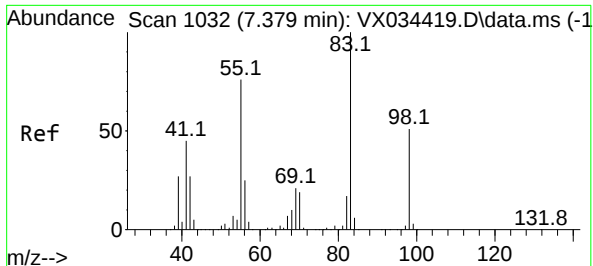
Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Tgt Ion:117 Resp: 222382

Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
121	30.7	23.8	35.6





#39

Methylcyclohexane

Concen: 46.167 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 83 Resp: 252560

Ion Ratio Lower Upper

83 100

55 78.7 60.5 90.7

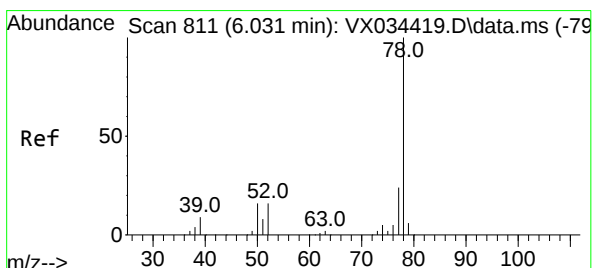
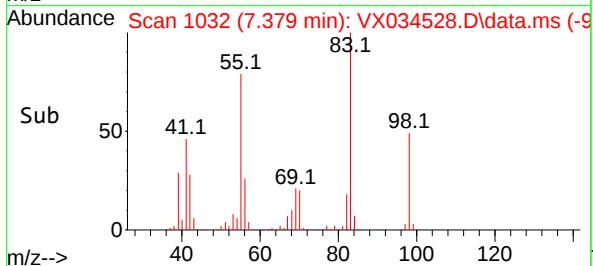
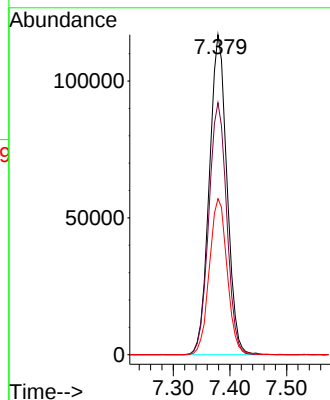
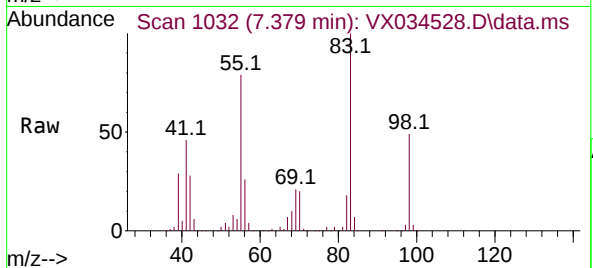
98 48.8 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

Benzene

Concen: 48.142 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034528.D

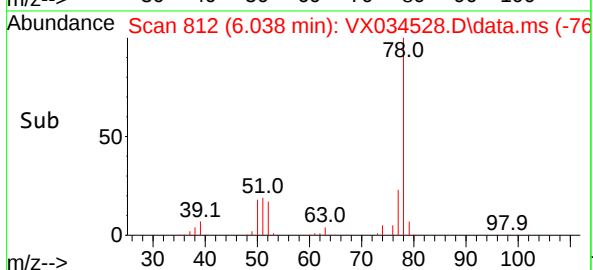
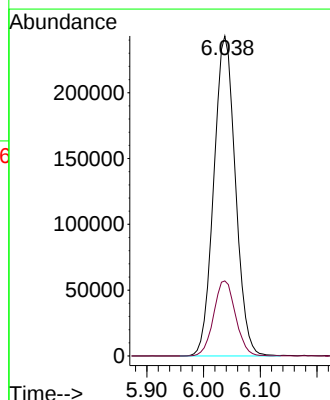
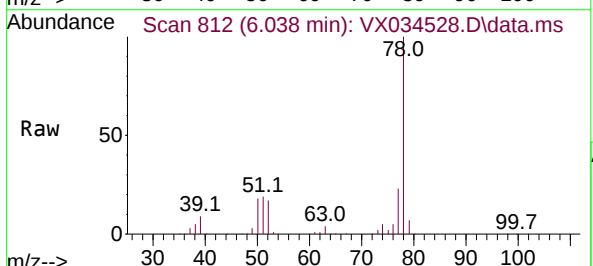
Acq: 15 Mar 2023 23:01

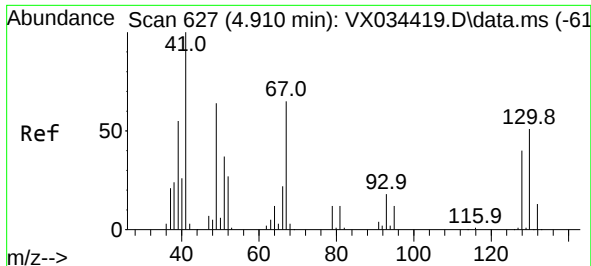
Tgt Ion: 78 Resp: 643801

Ion Ratio Lower Upper

78 100

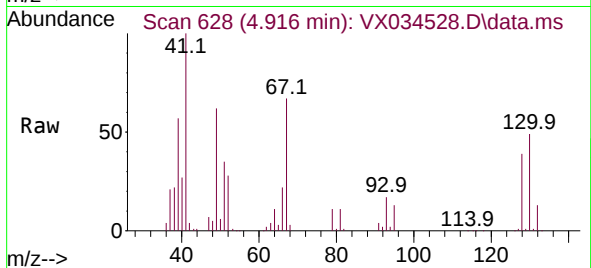
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 51.222 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

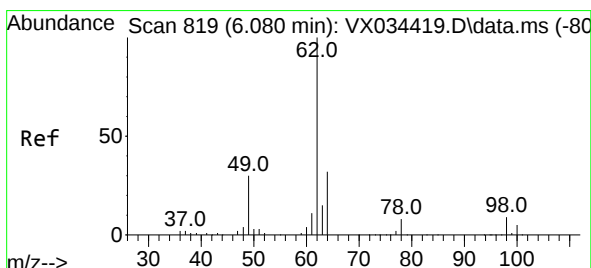
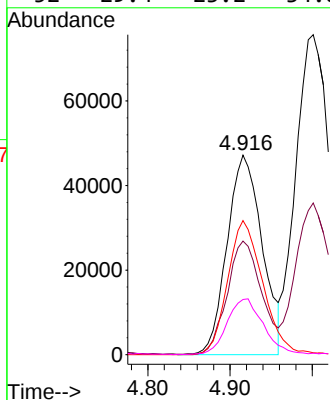
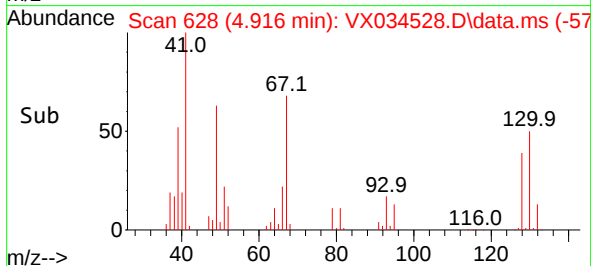
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 41 Resp: 140194
Ion Ratio Lower Upper
41 100
39 55.9 45.0 67.6
67 67.5 55.6 83.4
52 29.4 23.2 34.8

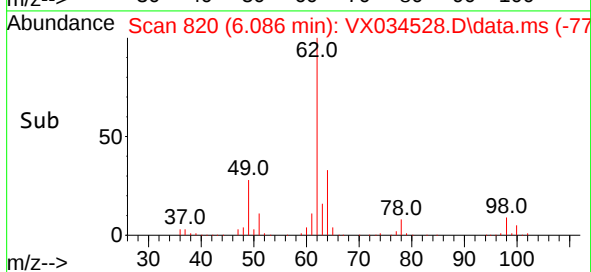
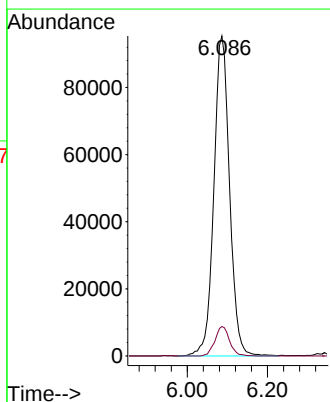
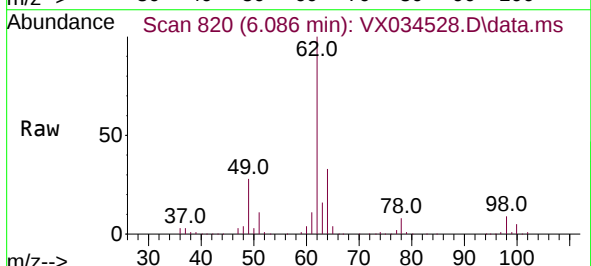
Manual Integrations
APPROVED

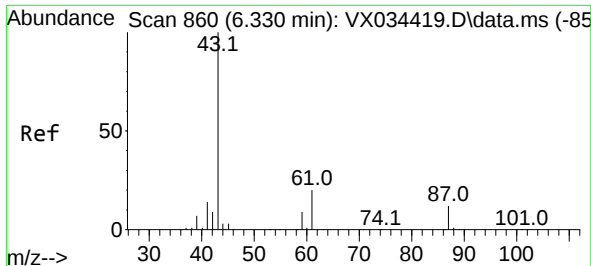
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
1,2-Dichloroethane
Concen: 52.715 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

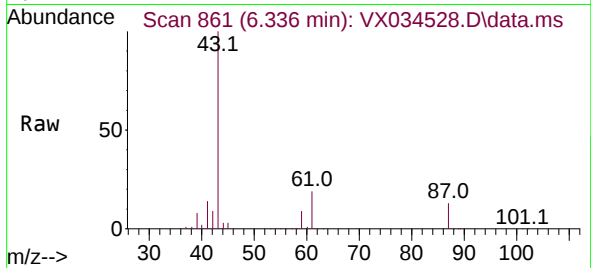
Tgt Ion: 62 Resp: 259088
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.0





#43
Isopropyl Acetate
Concen: 46.819 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

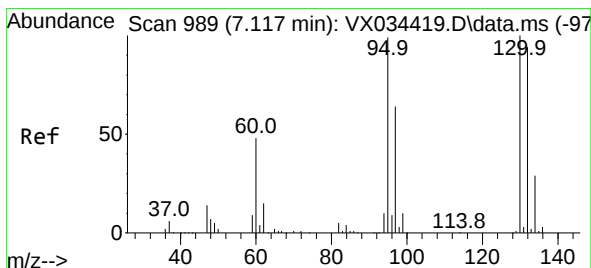
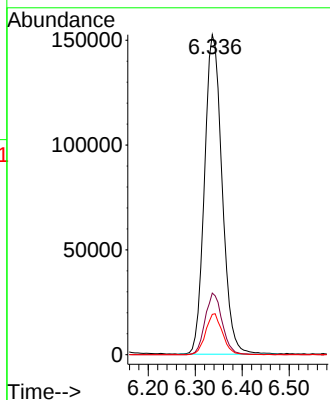
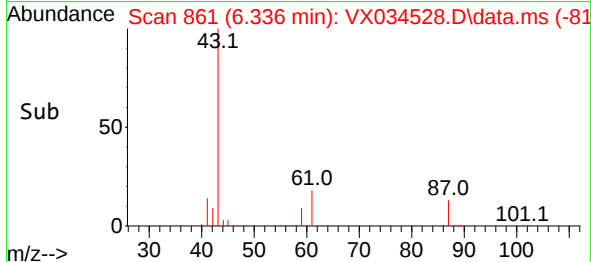
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 43 Resp: 39610
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.3 9.8 14.8

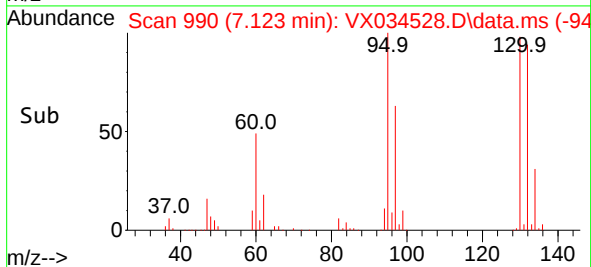
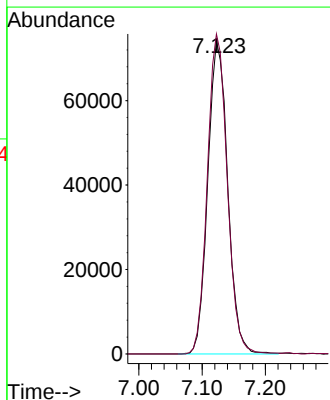
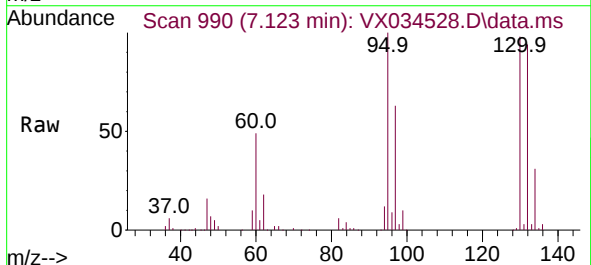
Manual Integrations
APPROVED

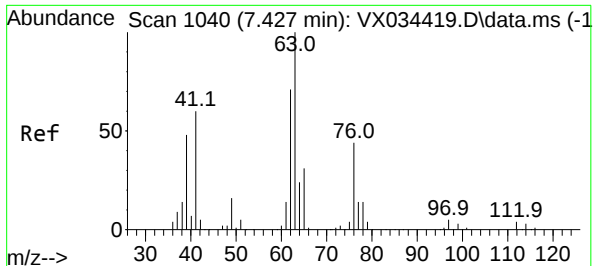
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#44
Trichloroethene
Concen: 46.637 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion:130 Resp: 162050
Ion Ratio Lower Upper
130 100
95 102.2 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.446 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 63 Resp: 17265

Ion Ratio Lower Upper

63 100

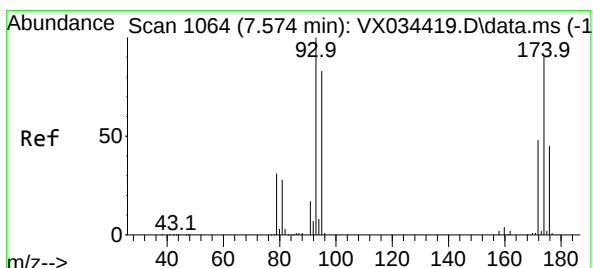
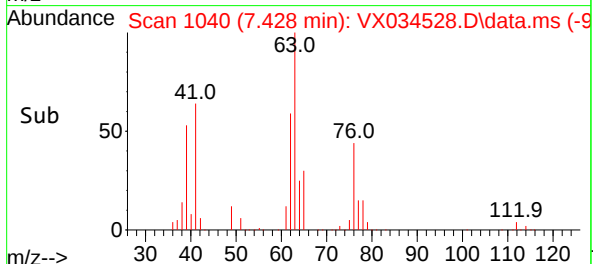
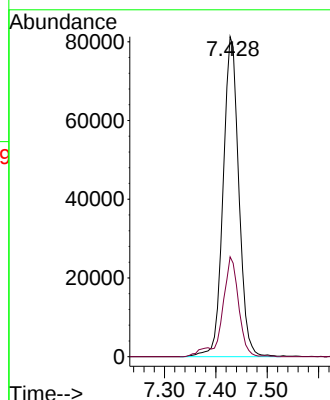
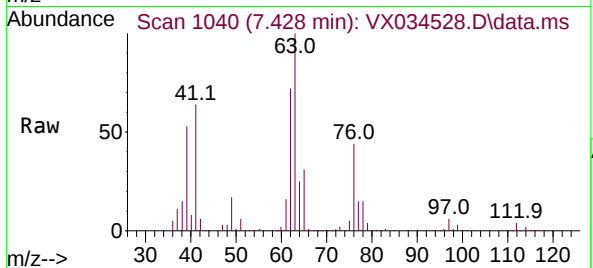
65 31.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

Dibromomethane

Concen: 49.716 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

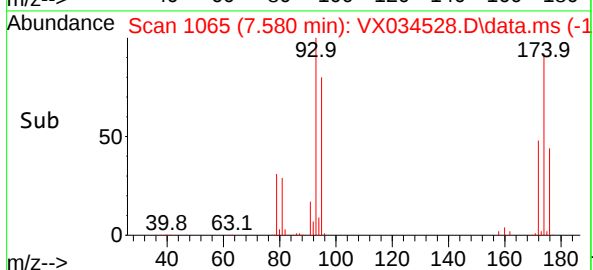
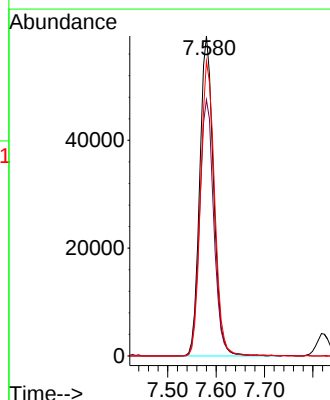
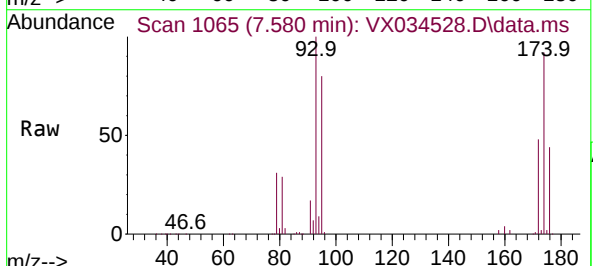
Tgt Ion: 93 Resp: 118021

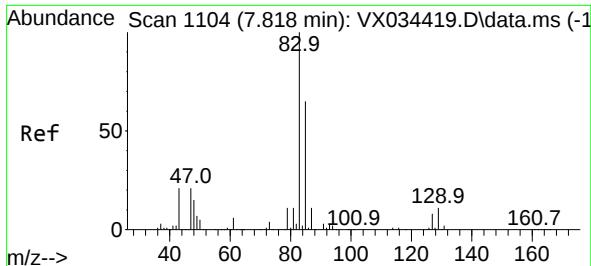
Ion Ratio Lower Upper

93 100

95 81.4 66.9 100.3

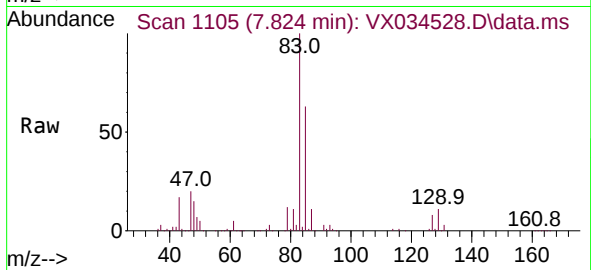
174 93.3 75.4 113.0





#47
Bromodichloromethane
Concen: 50.074 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

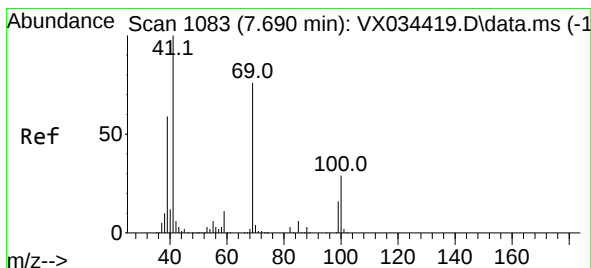
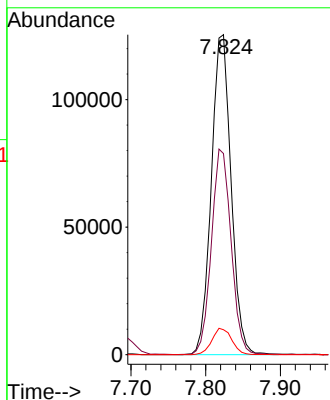
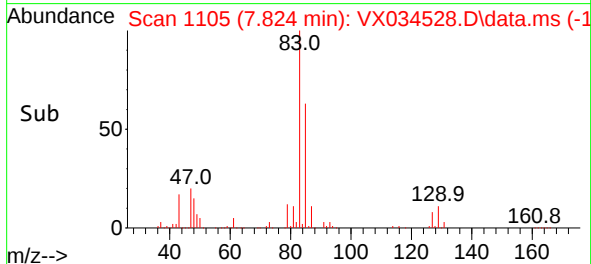
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 83 Resp: 230059
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 7.8 6.6 9.8

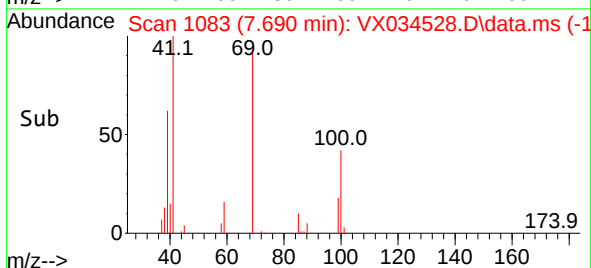
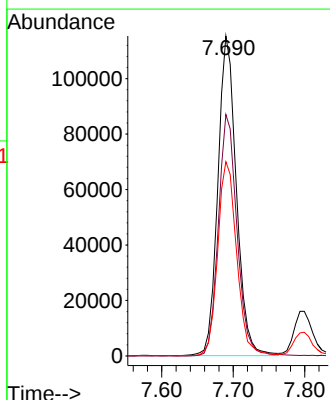
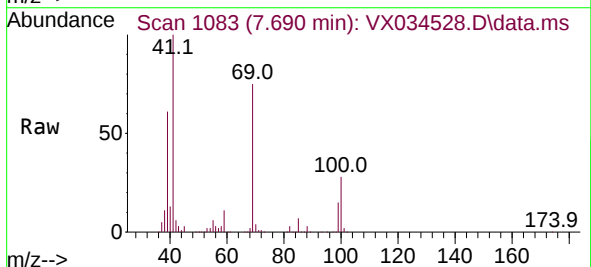
Manual Integrations
APPROVED

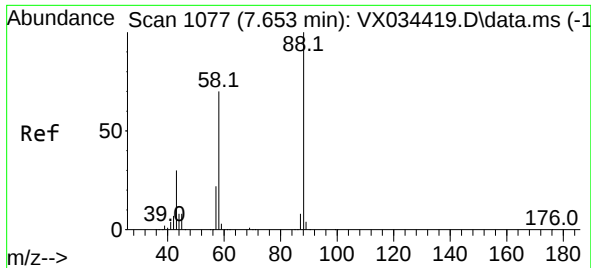
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Methyl methacrylate
Concen: 51.002 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

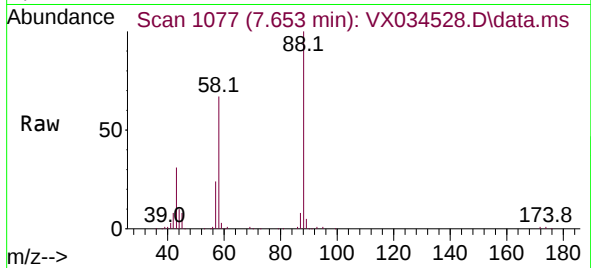
Tgt Ion: 41 Resp: 207529
Ion Ratio Lower Upper
41 100
69 76.4 62.2 93.4
39 62.1 47.7 71.5





#49
1,4-Dioxane
Concen: 937.664 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

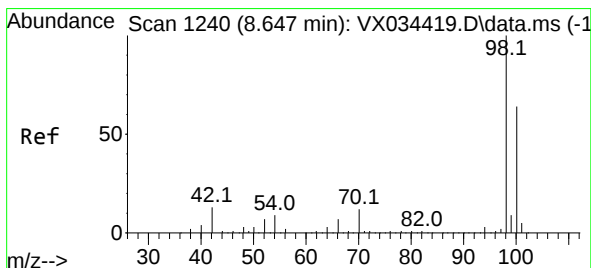
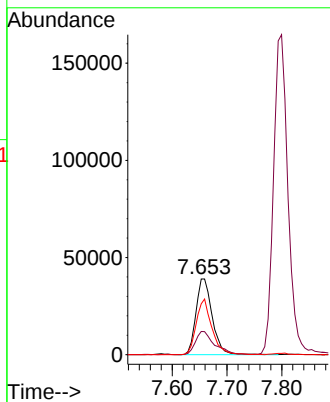
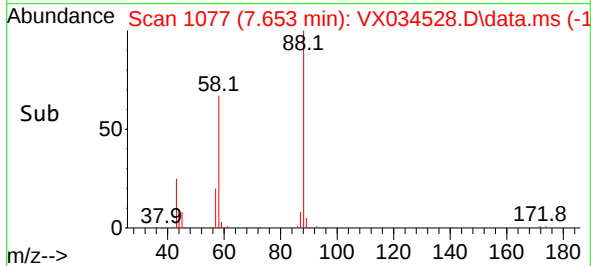
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 88 Resp: 8013
Ion Ratio Lower Upper
88 100
43 35.5 27.7 41.5
58 70.6 56.8 85.2

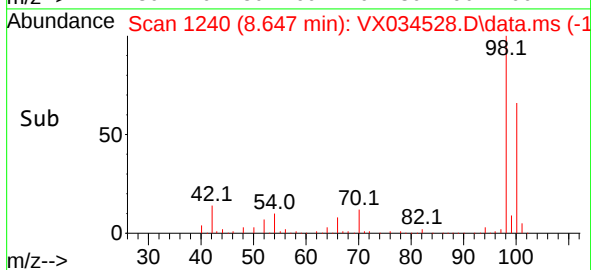
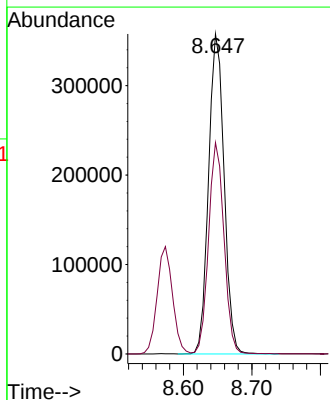
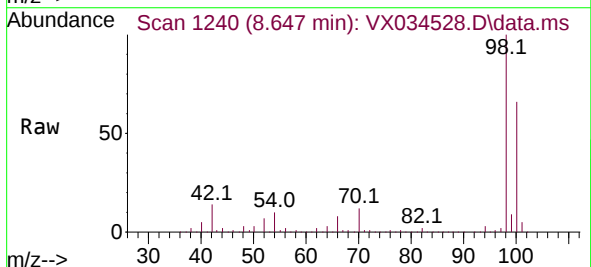
Manual Integrations
APPROVED

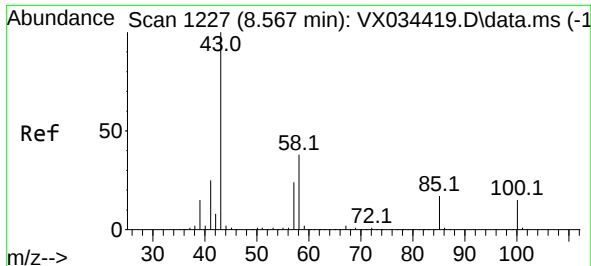
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion: 98 Resp: 564785
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 262.735 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 43 Resp: 128949

Ion Ratio Lower Upper

43 100

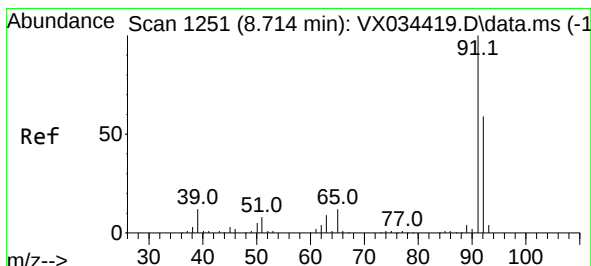
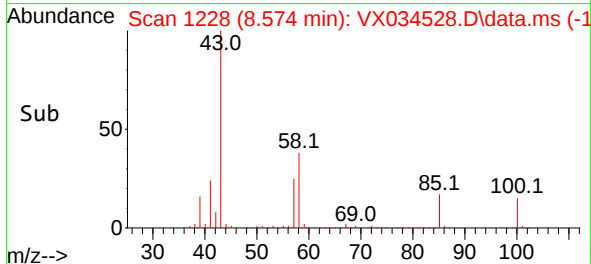
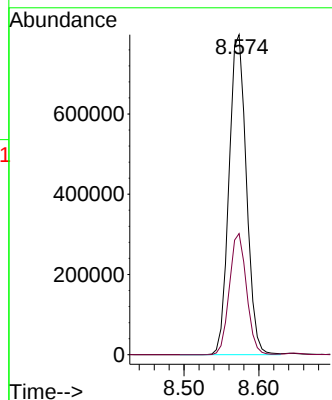
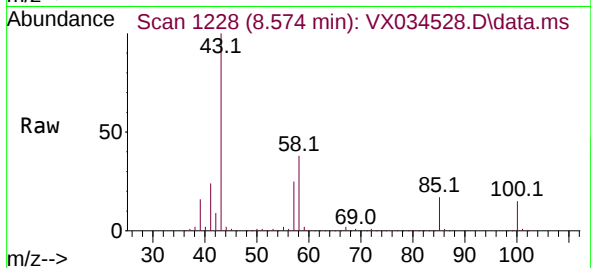
58 37.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#52

Toluene

Concen: 48.766 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034528.D

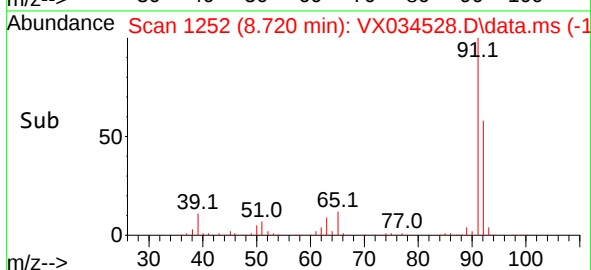
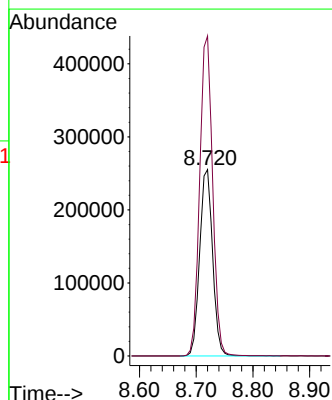
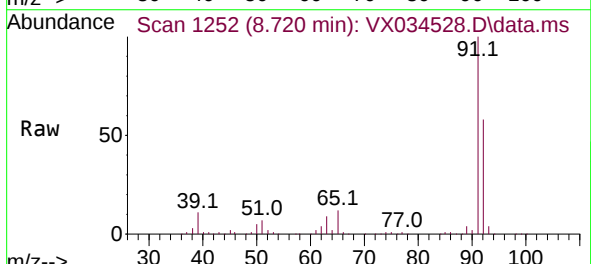
Acq: 15 Mar 2023 23:01

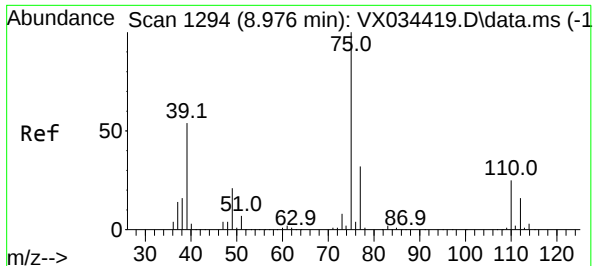
Tgt Ion: 92 Resp: 403753

Ion Ratio Lower Upper

92 100

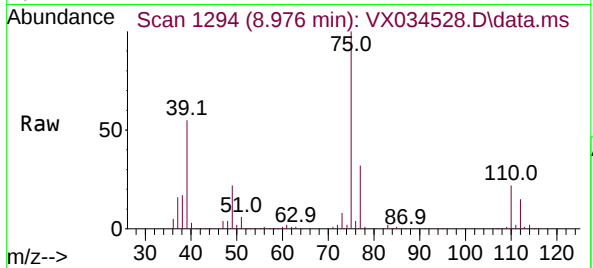
91 171.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 48.069 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

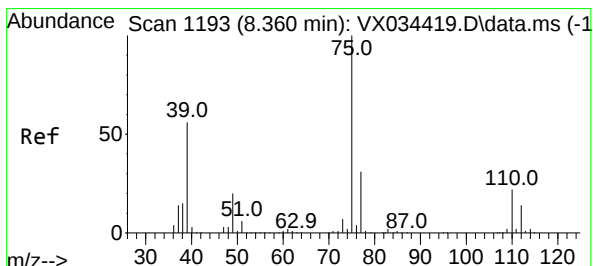
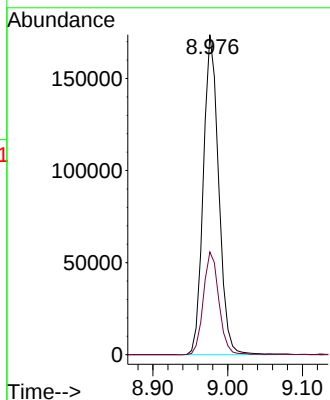
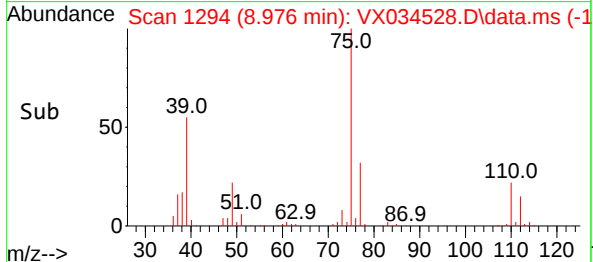
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 75 Resp: 248804
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

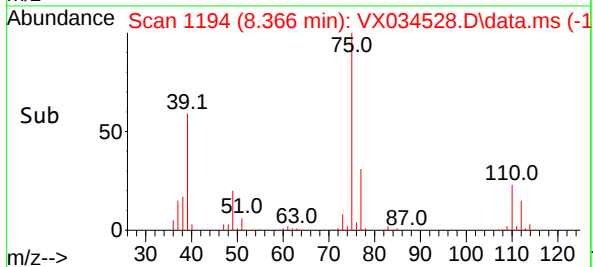
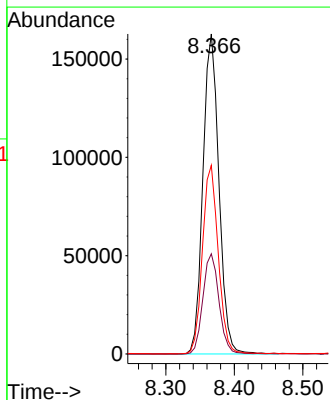
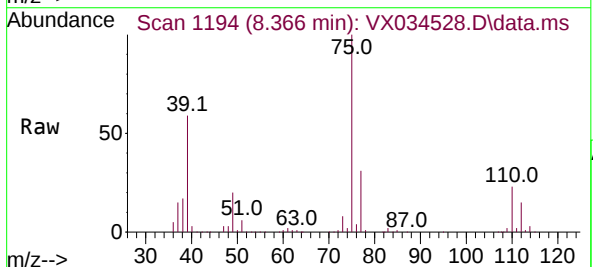
Manual Integrations
APPROVED

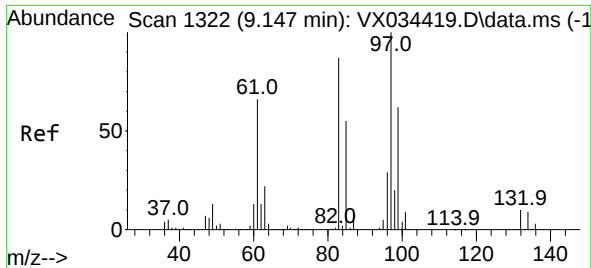
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#54
cis-1,3-Dichloropropene
Concen: 47.253 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

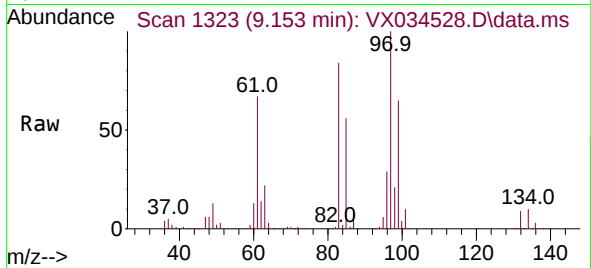
Tgt Ion: 75 Resp: 264612
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4
39 58.9 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 50.804 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

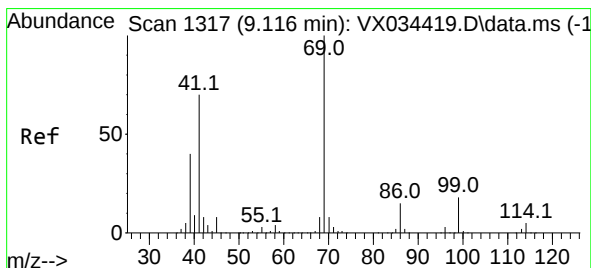
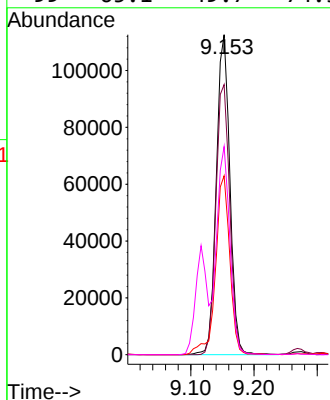
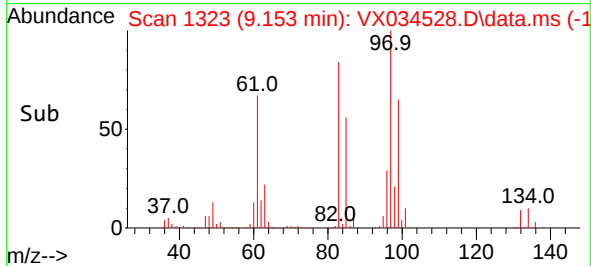
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



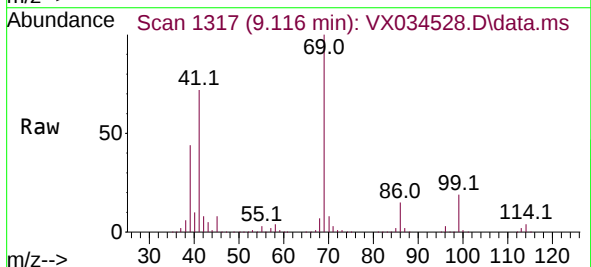
Tgt Ion: 97 Resp: 166933
Ion Ratio Lower Upper
97 100
83 84.4 69.7 104.5
85 55.9 43.7 65.5
99 65.1 49.7 74.5

Manual Integrations
APPROVED

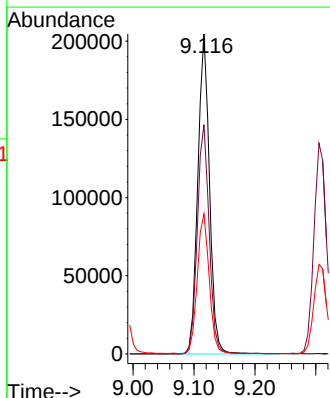
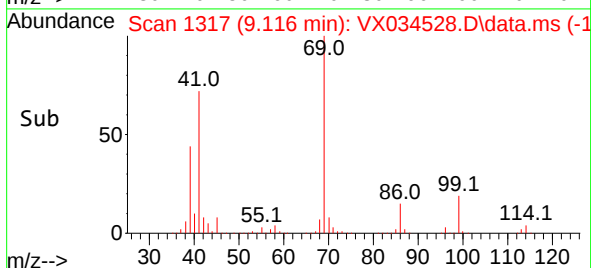
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

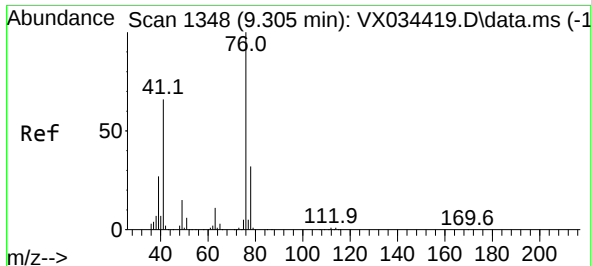


#56
Ethyl methacrylate
Concen: 50.514 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



Tgt Ion: 69 Resp: 272518
Ion Ratio Lower Upper
69 100
41 72.8 57.4 86.0
39 44.7 33.7 50.5





#57

1,3-Dichloropropane

Concen: 50.318 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion: 76 Resp: 29384

Ion Ratio Lower Upper

76 100

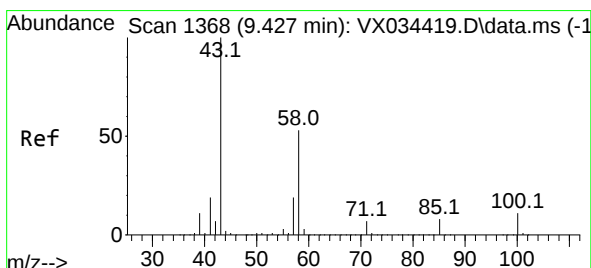
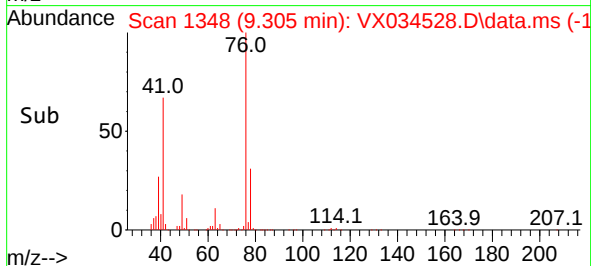
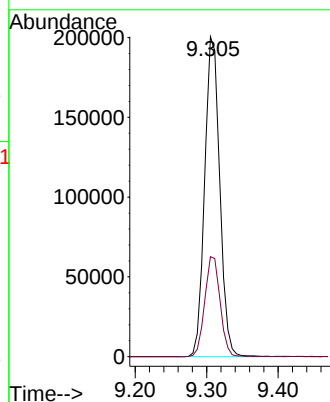
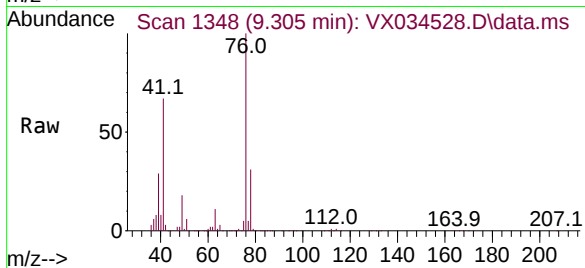
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#59

2-Hexanone

Concen: 256.432 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034528.D

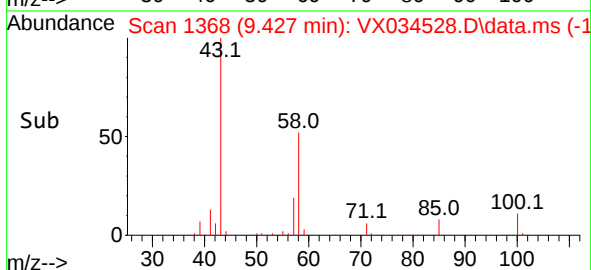
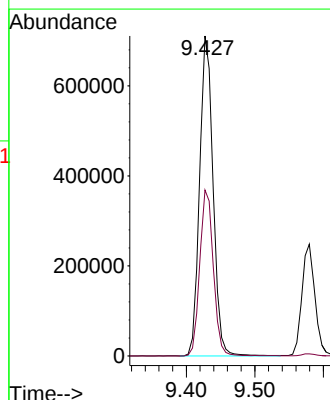
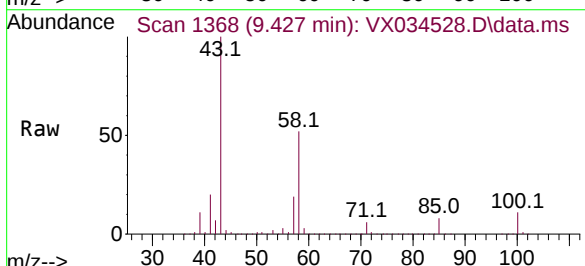
Acq: 15 Mar 2023 23:01

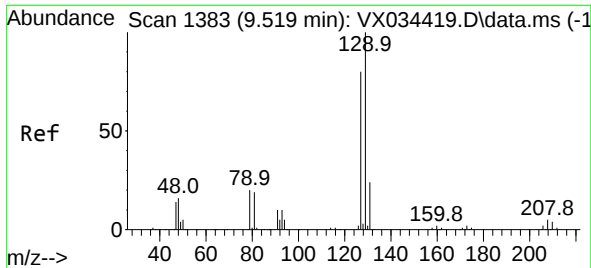
Tgt Ion: 43 Resp: 972885

Ion Ratio Lower Upper

43 100

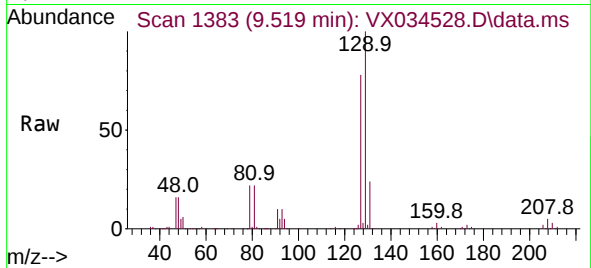
58 52.4 26.3 78.9





#60
Dibromochloromethane
Concen: 50.826 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

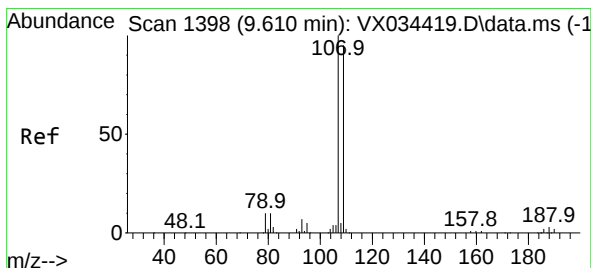
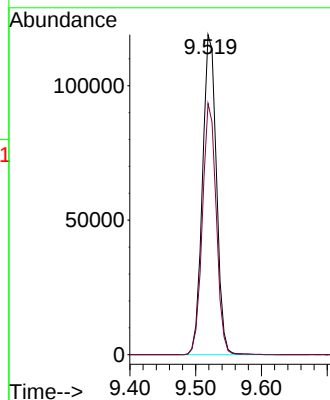
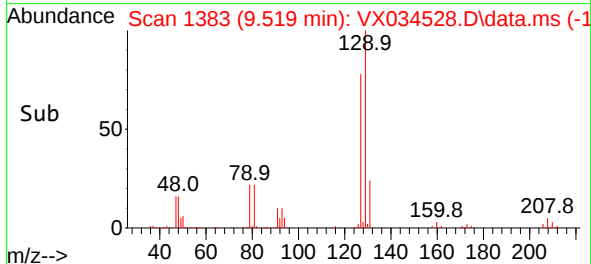
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



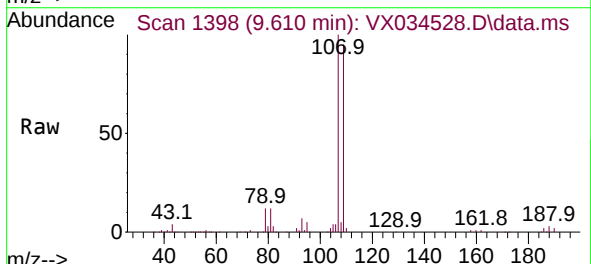
Tgt Ion:129 Resp: 17515
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0

Manual Integrations
APPROVED

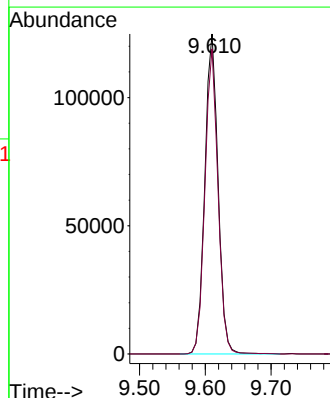
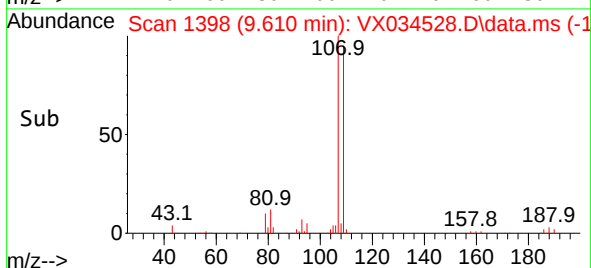
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

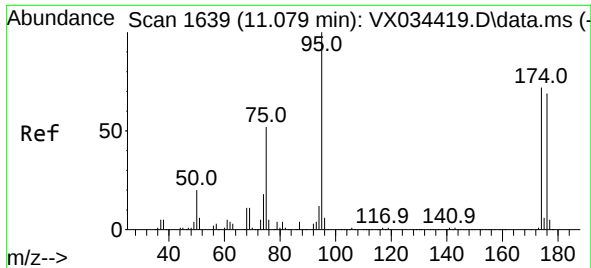


#61
1,2-Dibromoethane
Concen: 49.244 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



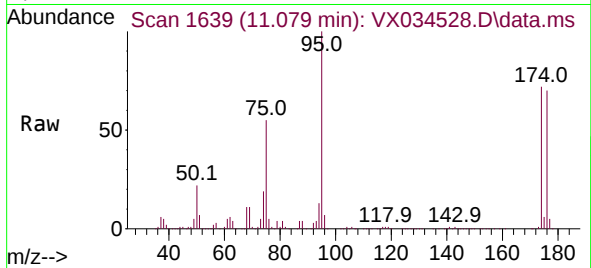
Tgt Ion:107 Resp: 174607
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 50.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

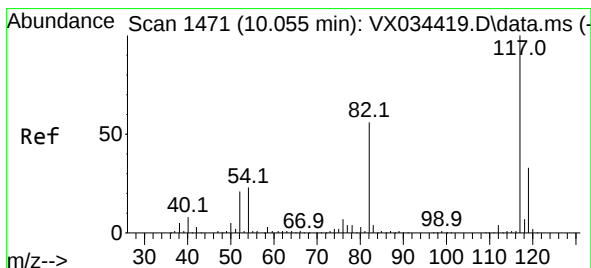
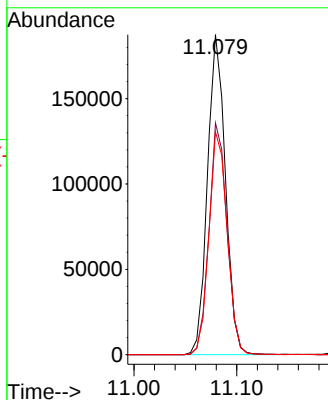
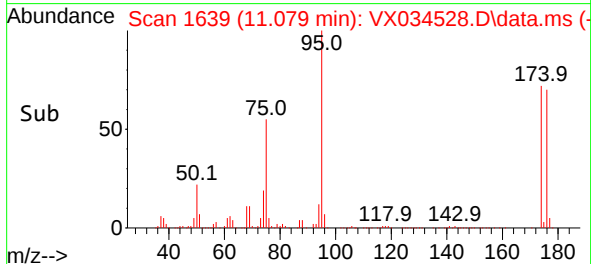
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



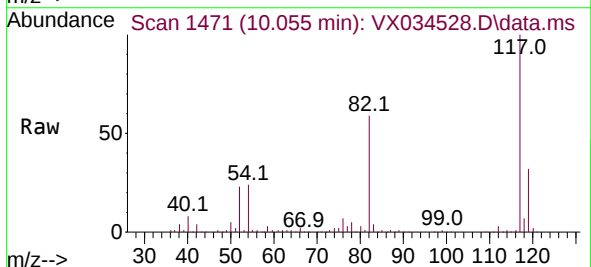
Tgt Ion: 95 Resp: 227569
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 70.8 0.0 140.6

Manual Integrations
APPROVED

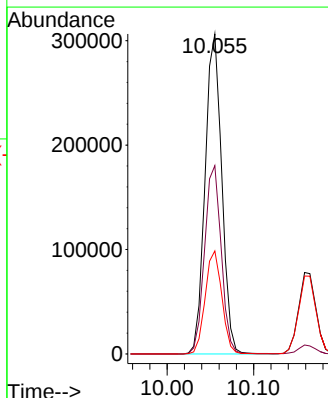
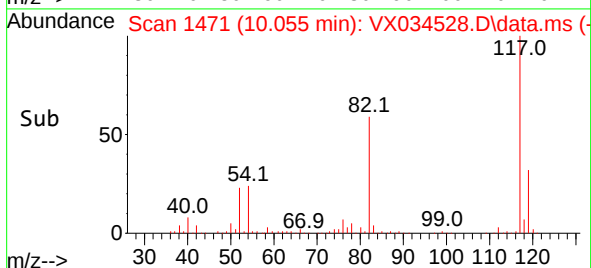
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

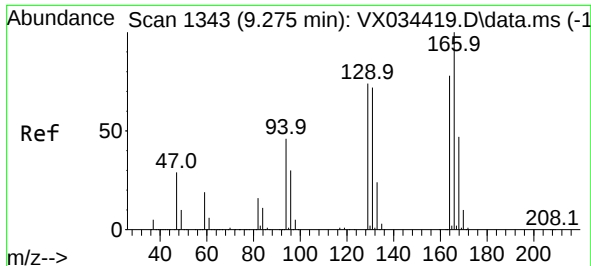


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



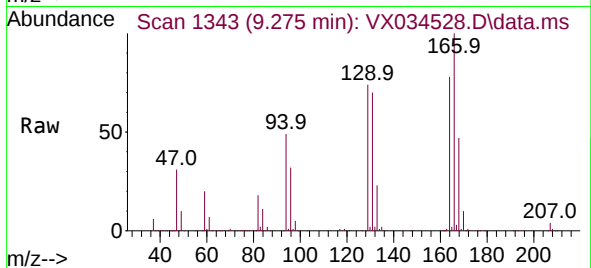
Tgt Ion:117 Resp: 410118
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 32.2 26.0 39.0





#64
Tetrachloroethene
Concen: 45.965 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

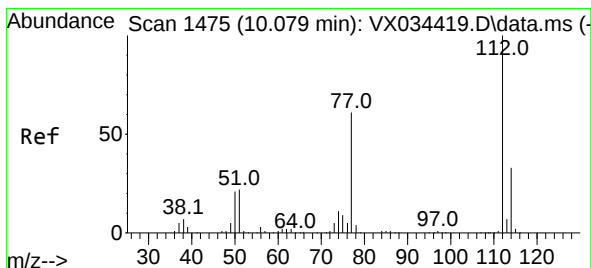
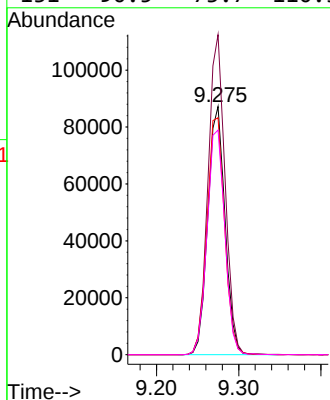
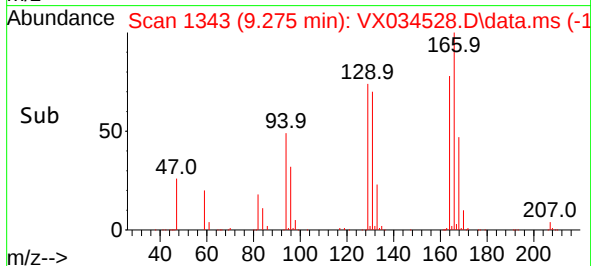
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion:164 Resp: 126630
Ion Ratio Lower Upper
164 100
166 128.9 102.7 154.1
129 95.5 75.6 113.4
131 90.5 73.7 110.5

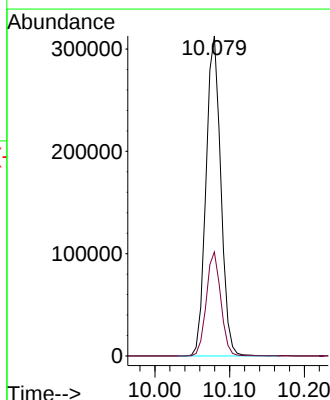
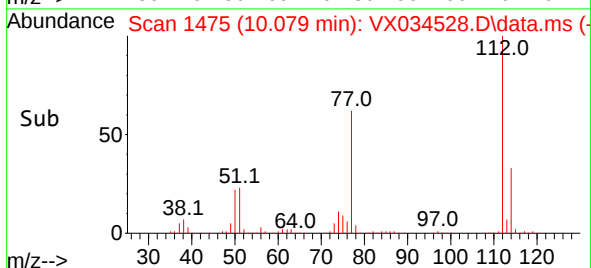
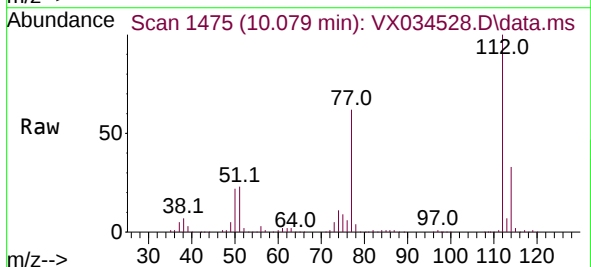
Manual Integrations
APPROVED

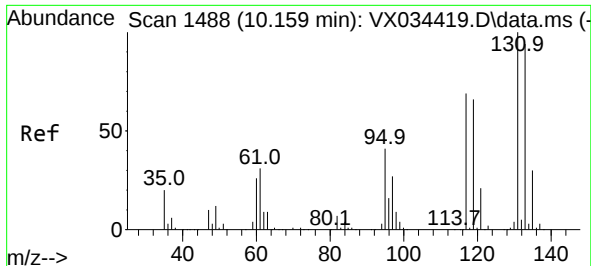
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#65
Chlorobenzene
Concen: 47.785 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion:112 Resp: 429986
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.2





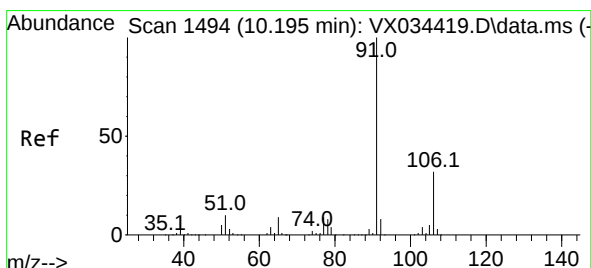
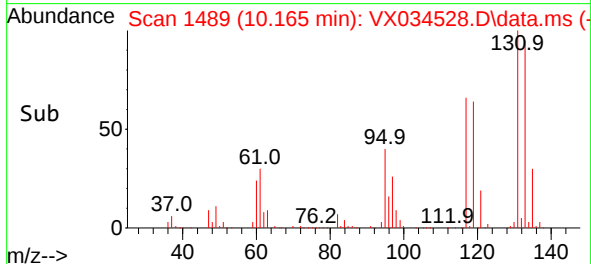
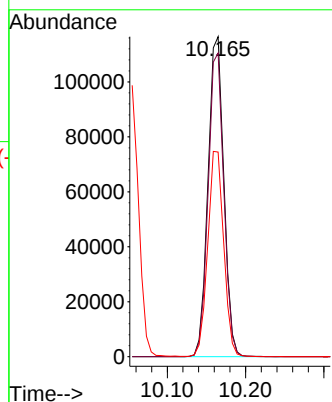
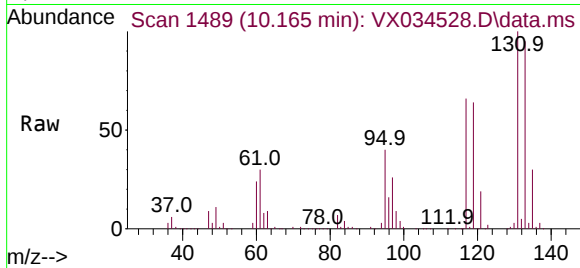
#66
1,1,1,2-Tetrachloroethane
Concen: 49.728 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS

Tgt Ion:131 Resp: 16297
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 64.8 32.6 98.0

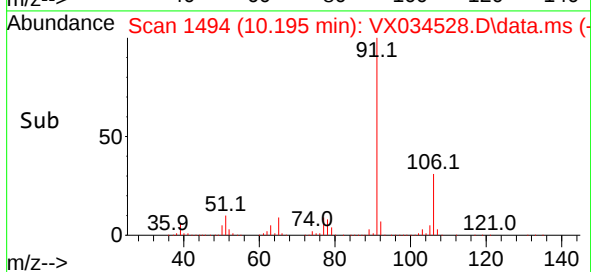
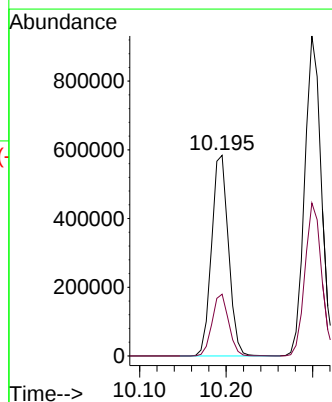
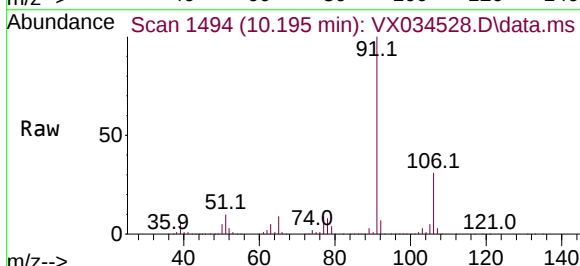
Manual Integrations
APPROVED

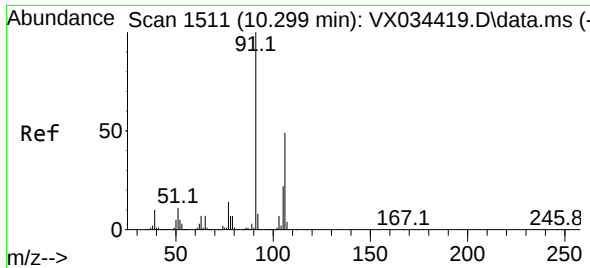
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#67
Ethyl Benzene
Concen: 49.165 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

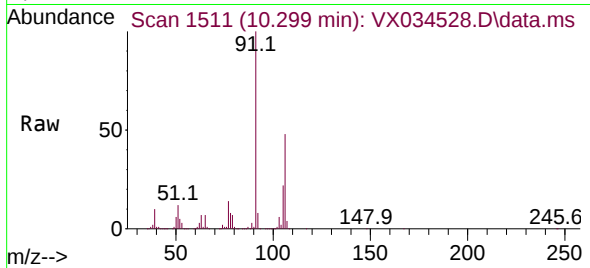
Tgt Ion: 91 Resp: 791994
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4





#68
m/p-Xylenes
Concen: 95.850 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

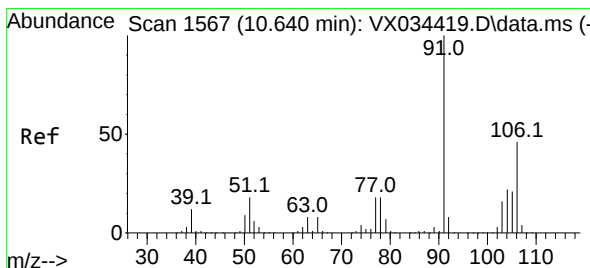
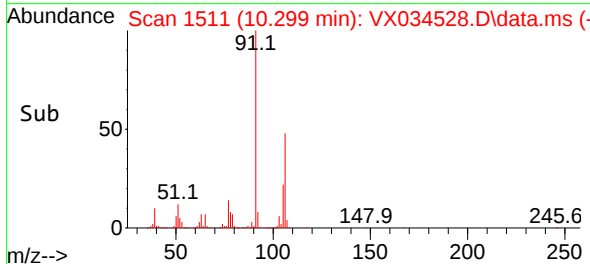
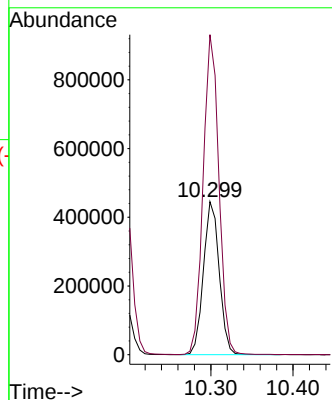
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion:106 Resp: 59313
Ion Ratio Lower Upper
106 100
91 209.0 164.0 246.0

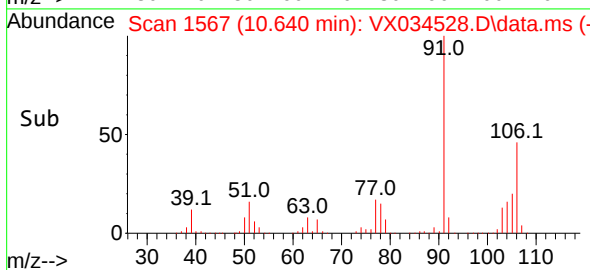
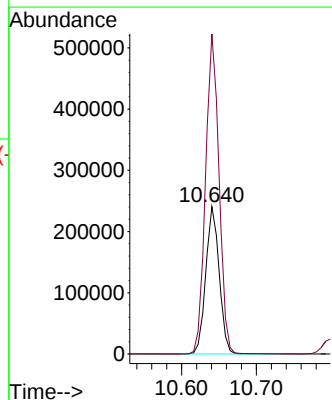
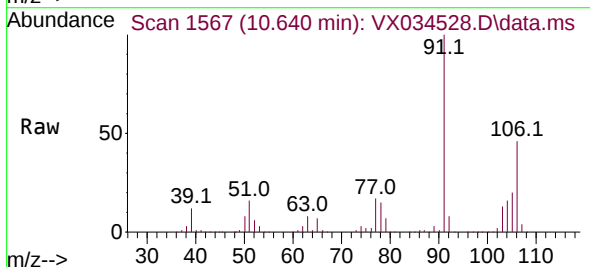
Manual Integrations
APPROVED

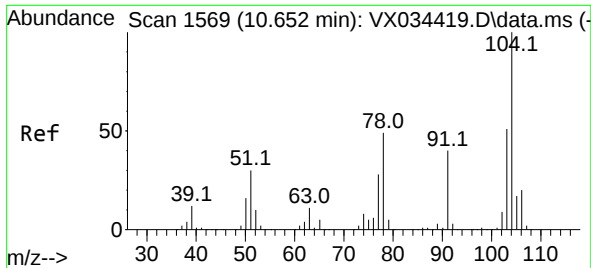
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#69
o-Xylene
Concen: 48.185 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

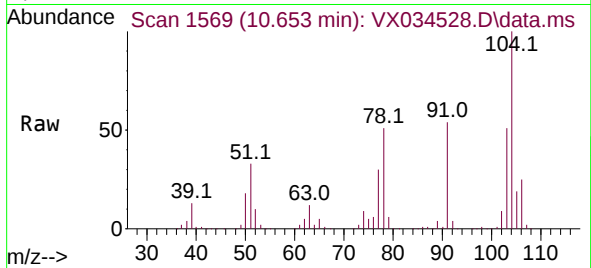
Tgt Ion:106 Resp: 299232
Ion Ratio Lower Upper
106 100
91 218.9 108.5 325.3





#70
Styrene
Concen: 49.268 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

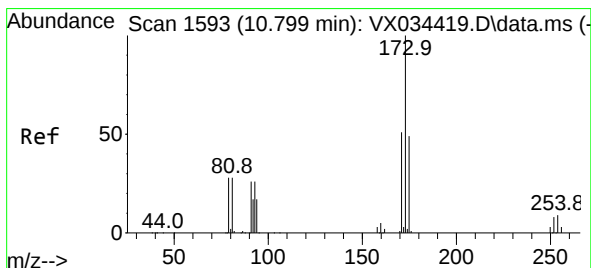
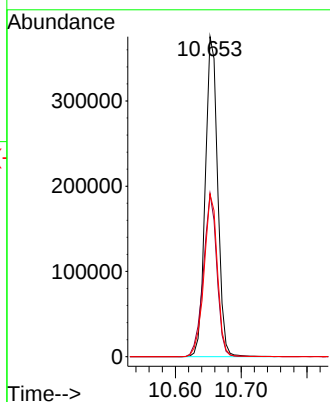
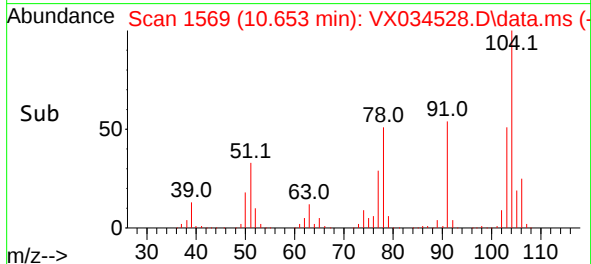
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion:104 Resp: 493630
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.2
103 54.7 44.2 66.2

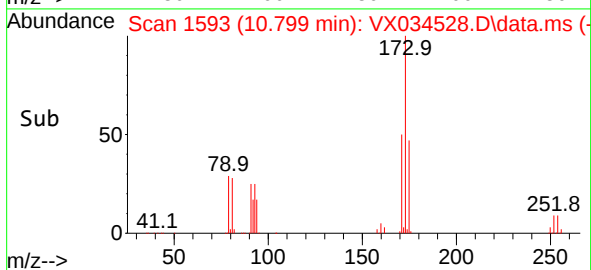
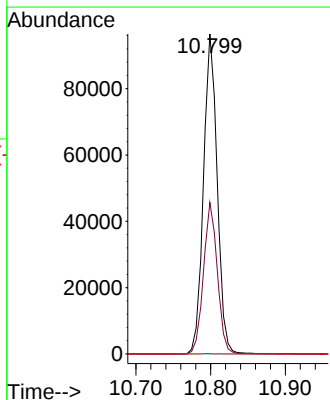
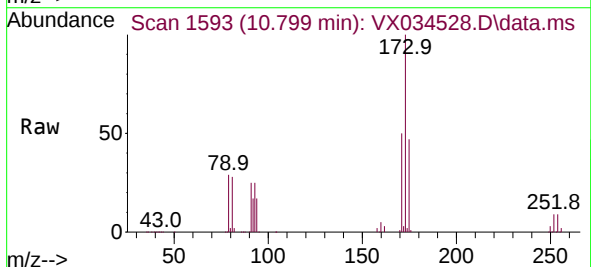
Manual Integrations
APPROVED

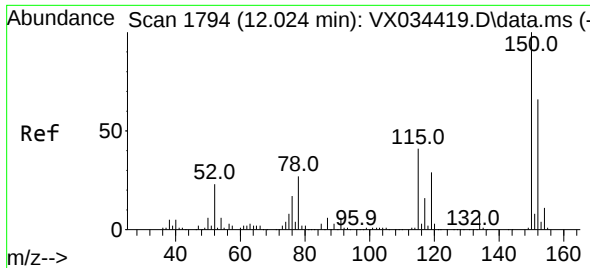
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#71
Bromoform
Concen: 48.668 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

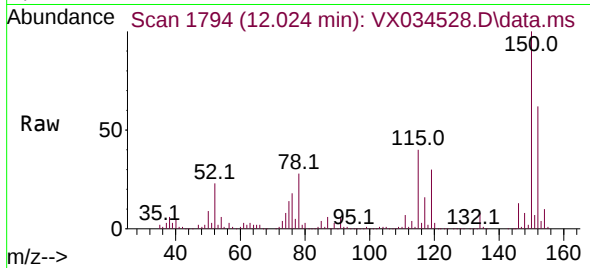
Tgt Ion:173 Resp: 122775
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.1 0.1 0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

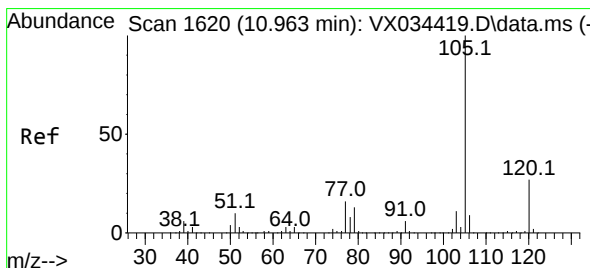
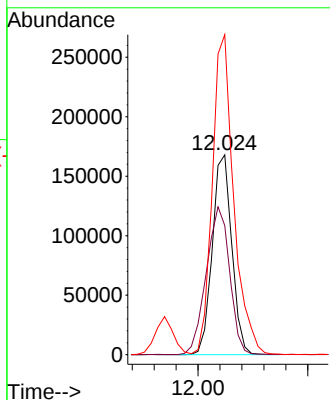
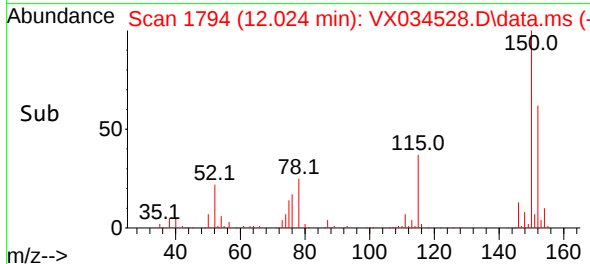
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



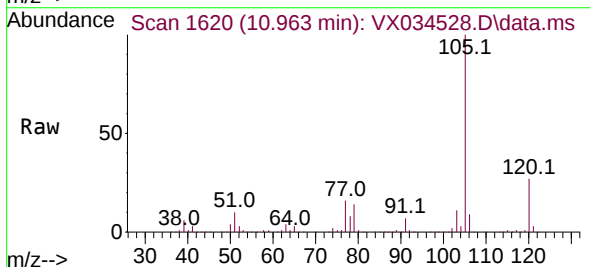
Tgt Ion:152 Resp: 207400
Ion Ratio Lower Upper
152 100
115 88.6 45.0 135.0
150 175.2 0.0 352.4

Manual Integrations
APPROVED

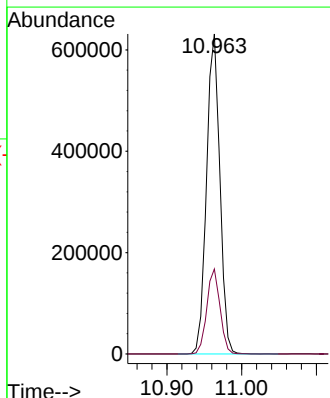
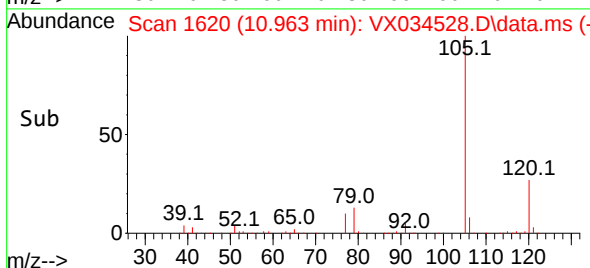
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

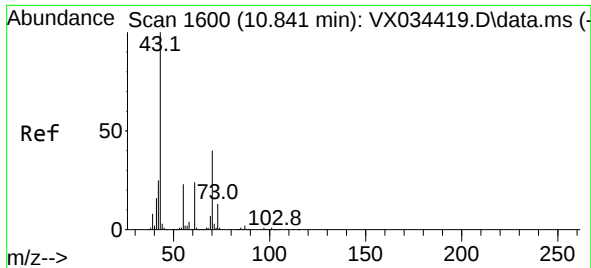


#73
Isopropylbenzene
Concen: 48.676 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



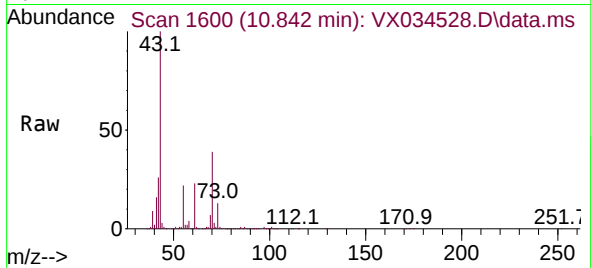
Tgt Ion:105 Resp: 780257
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9





#74
N-amy1 acetate
Concen: 44.368 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

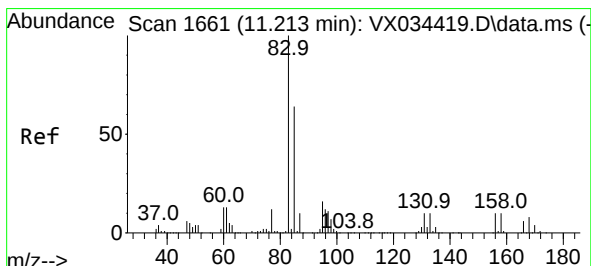
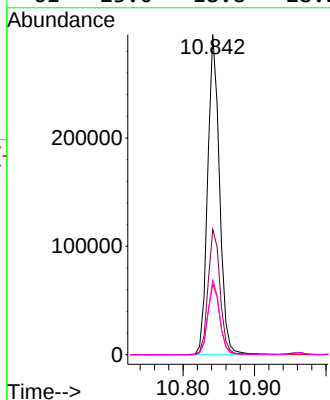
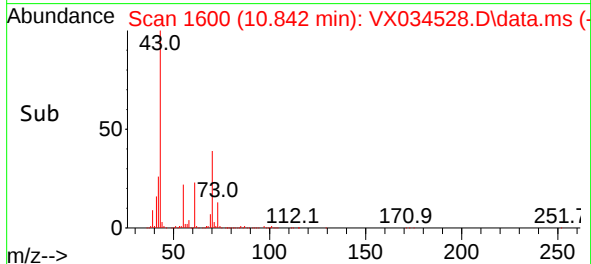
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 43 Resp: 340639
Ion Ratio Lower Upper
43 100
70 39.8 32.1 48.1
55 22.6 18.3 27.5
61 23.0 18.8 28.2

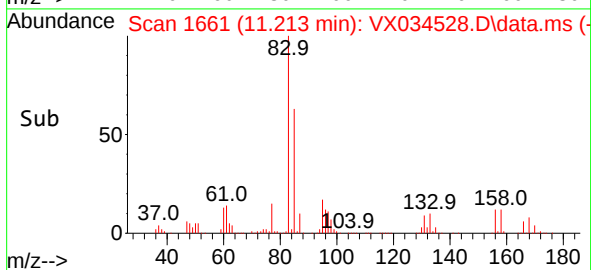
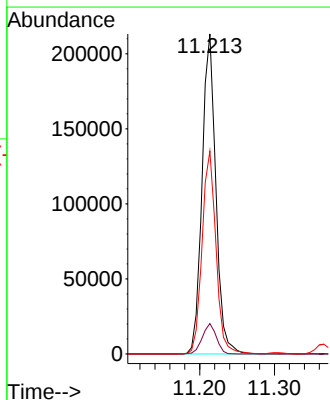
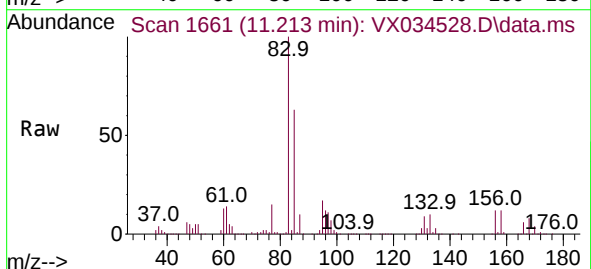
Manual Integrations
APPROVED

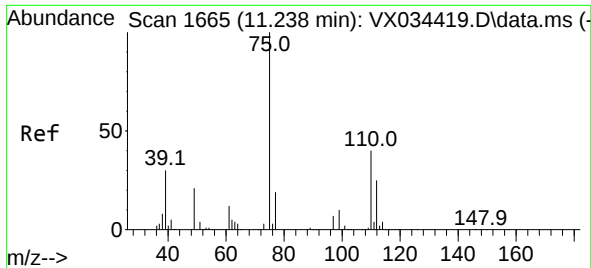
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 50.958 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

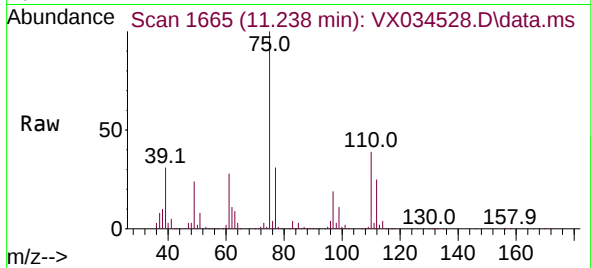
Tgt Ion: 83 Resp: 272572
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 64.0 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 47.151 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

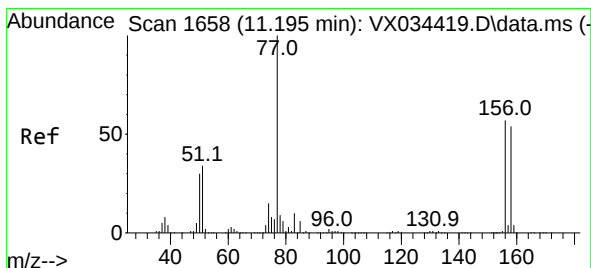
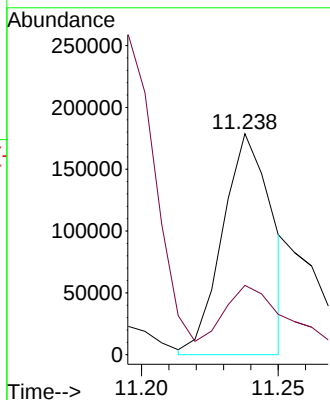
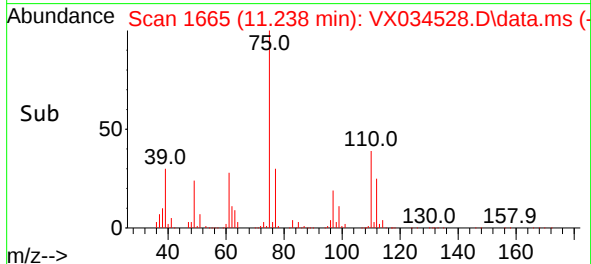
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



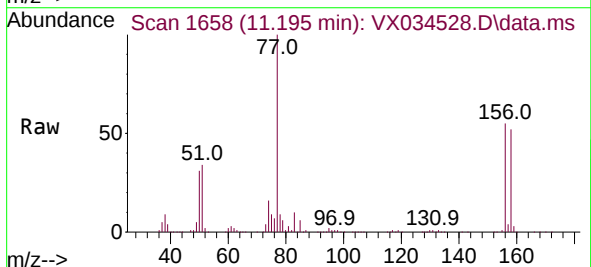
Tgt Ion: 75 Resp: 224539
Ion Ratio Lower Upper
75 100
77 43.0 21.6 64.8

Manual Integrations
APPROVED

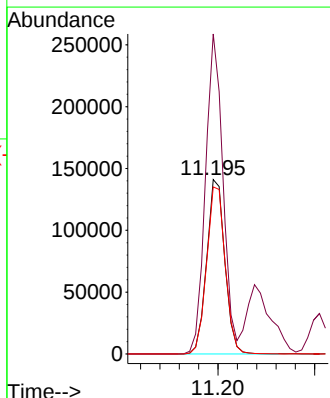
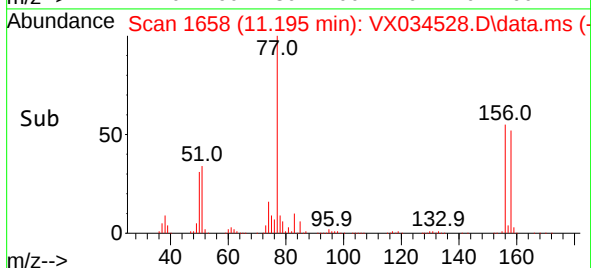
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

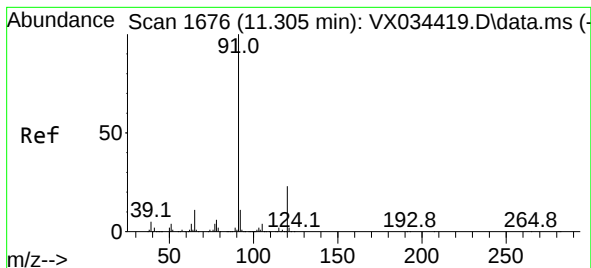


#77
Bromobenzene
Concen: 47.879 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



Tgt Ion:156 Resp: 184134
Ion Ratio Lower Upper
156 100
77 176.8 86.7 259.9
158 98.2 48.0 144.0





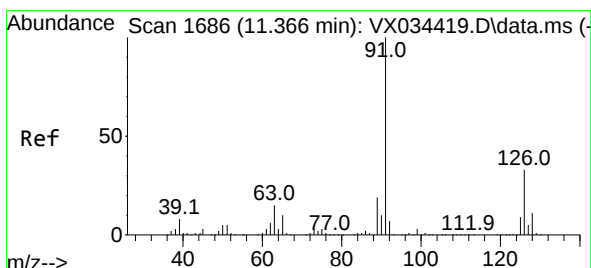
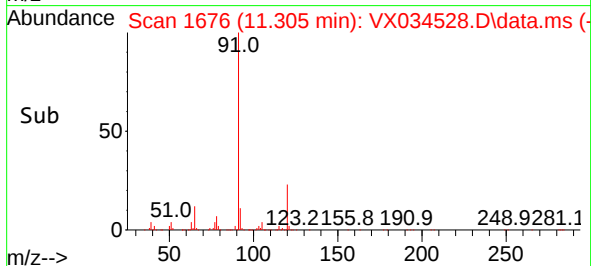
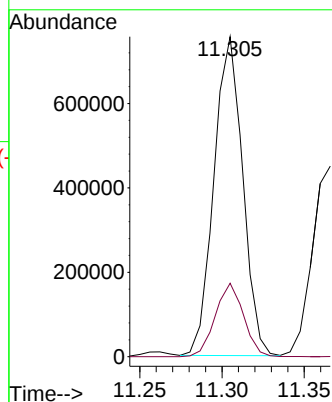
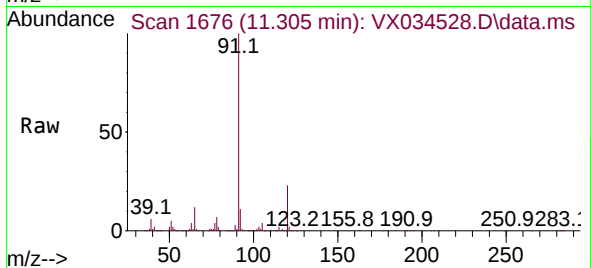
#78
n-propylbenzene
Concen: 49.646 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS

Tgt Ion: 91 Resp: 919064
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

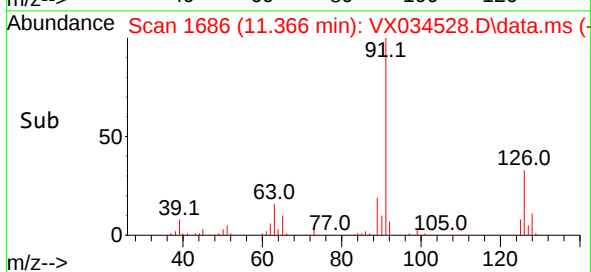
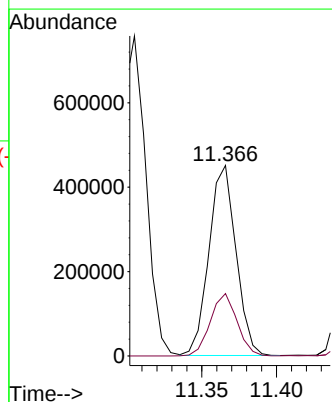
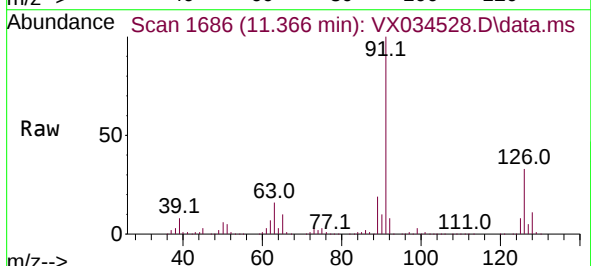
Manual Integrations
APPROVED

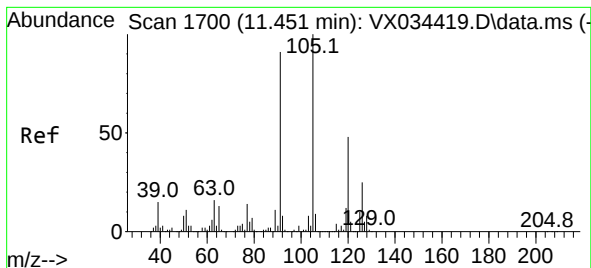
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#79
2-Chlorotoluene
Concen: 49.562 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion: 91 Resp: 566656
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 49.462 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion:105 Resp: 66502

Ion Ratio Lower Upper

105 100

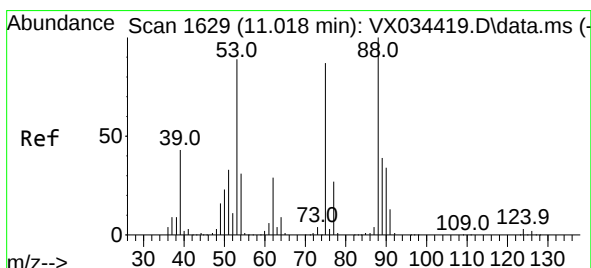
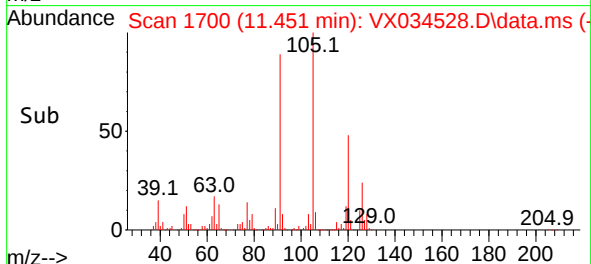
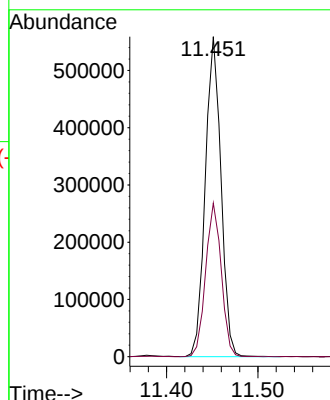
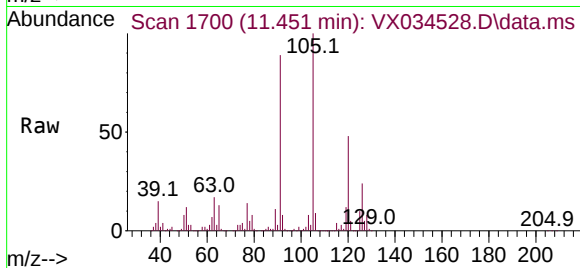
120 47.9 23.7 71.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 44.641 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

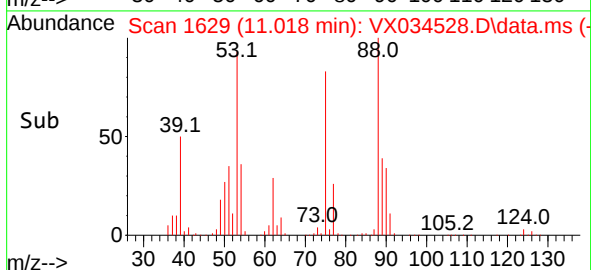
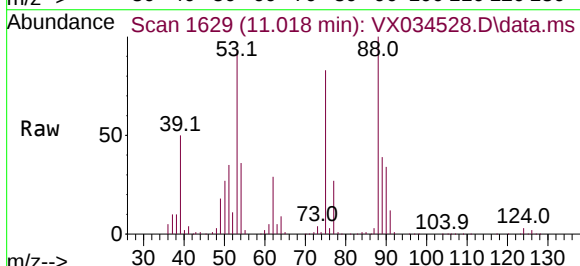
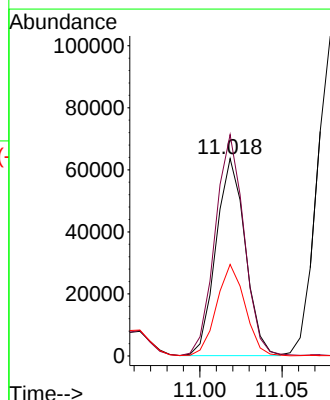
Tgt Ion: 75 Resp: 78582

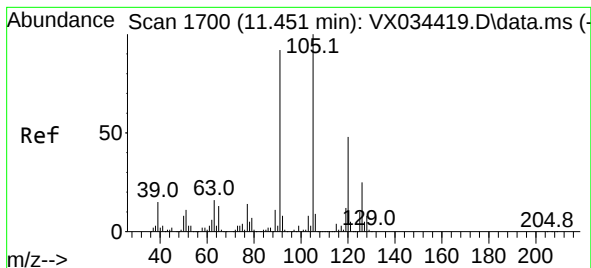
Ion Ratio Lower Upper

75 100

53 110.8 82.6 124.0

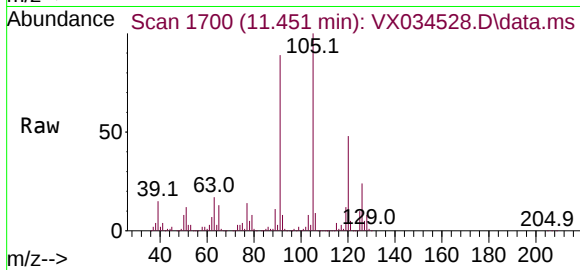
89 44.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 49.574 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

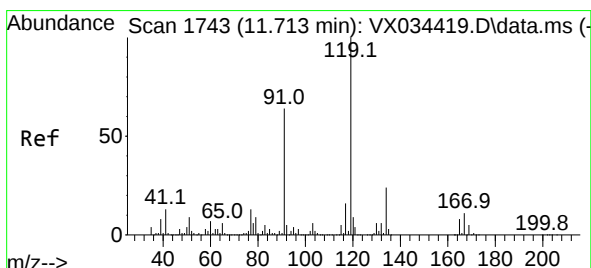
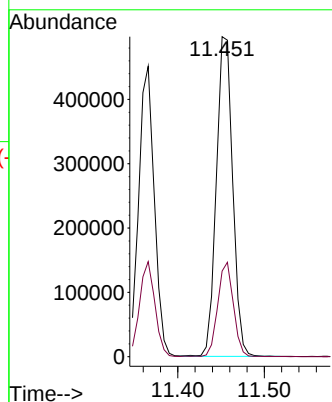
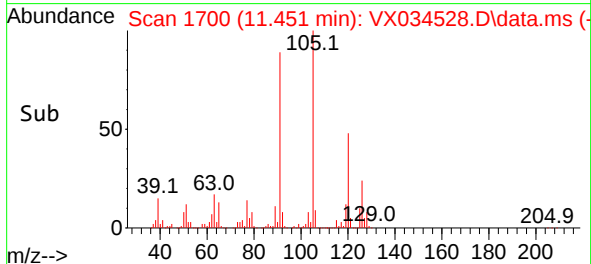
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 91 Resp: 652850
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

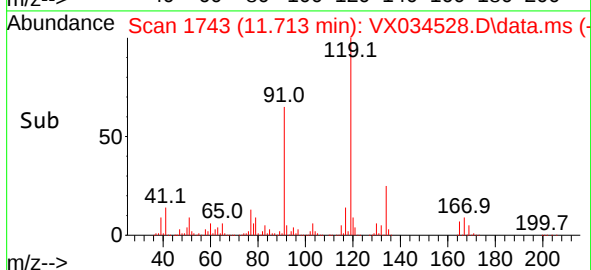
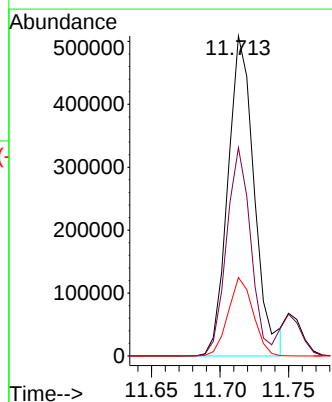
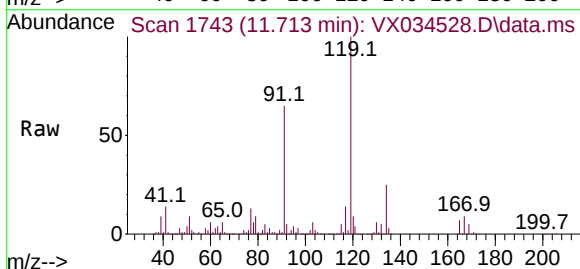
Manual Integrations
APPROVED

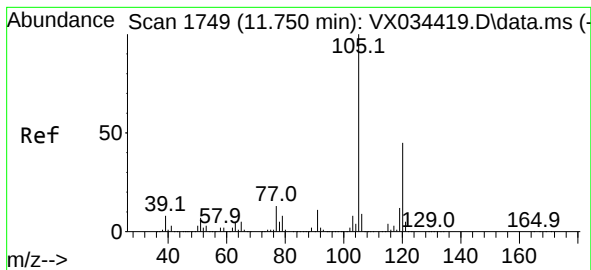
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#83
tert-Butylbenzene
Concen: 50.231 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion:119 Resp: 680926
Ion Ratio Lower Upper
119 100
91 59.9 30.6 92.0
134 23.2 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 48.729 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

Tgt Ion:105 Resp: 66957

Ion Ratio Lower Upper

105 100

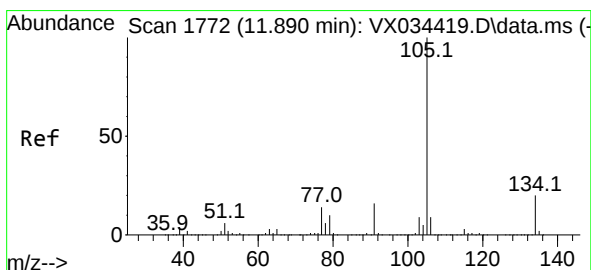
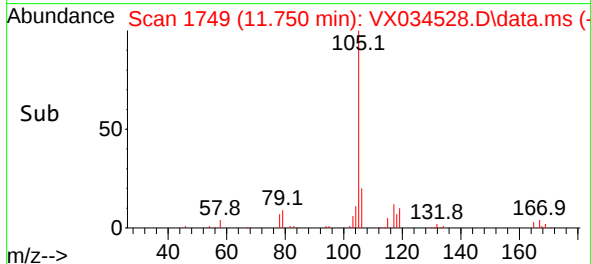
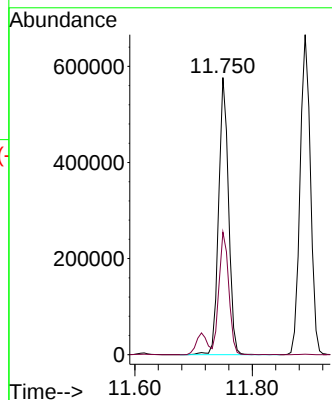
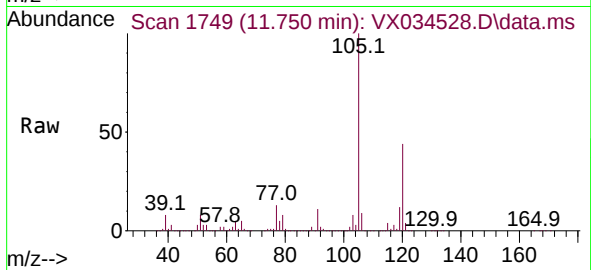
120 43.9 22.4 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#85

sec-Butylbenzene

Concen: 49.138 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034528.D

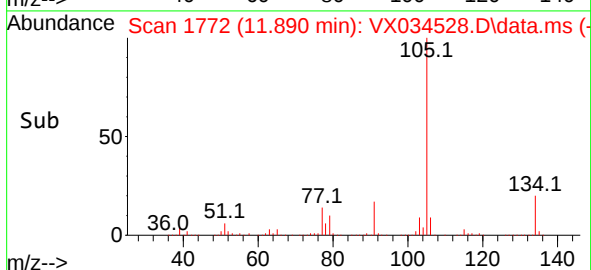
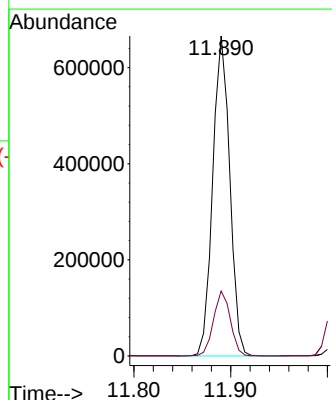
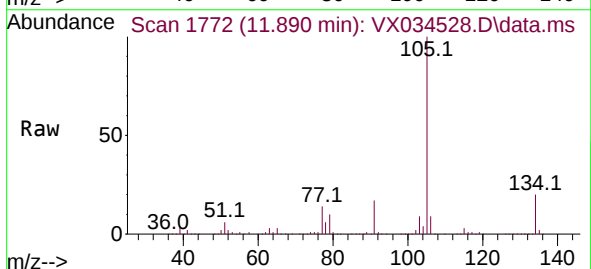
Acq: 15 Mar 2023 23:01

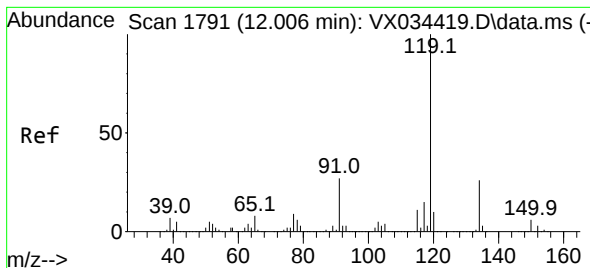
Tgt Ion:105 Resp: 814345

Ion Ratio Lower Upper

105 100

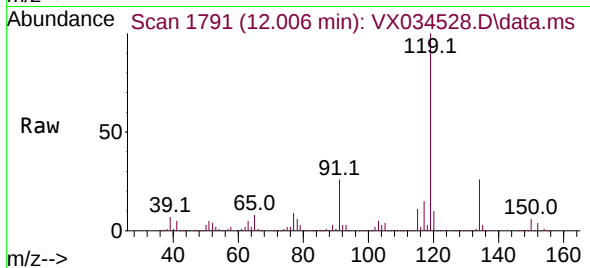
134 20.1 10.2 30.4





#86
p-Isopropyltoluene
Concen: 49.191 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

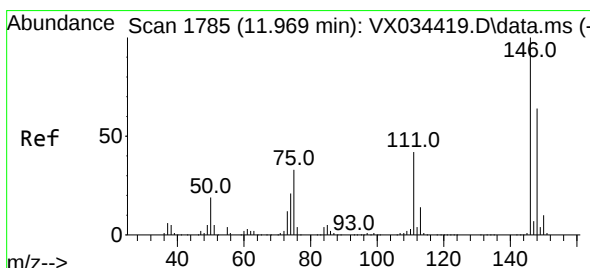
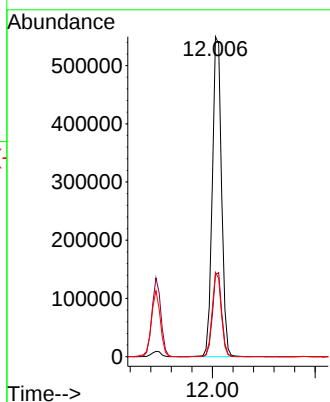
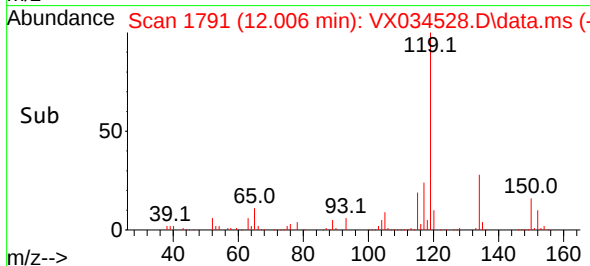
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



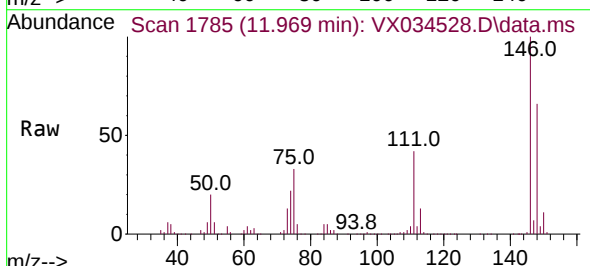
Tgt Ion:119 Resp: 68515
Ion Ratio Lower Upper
119 100
134 26.0 13.2 39.5
91 25.8 12.9 38.7

Manual Integrations
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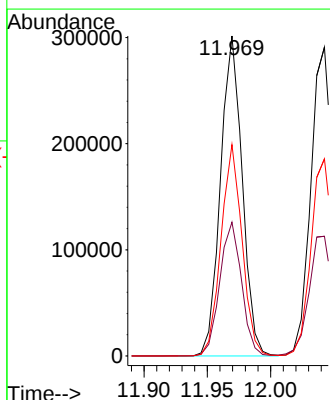
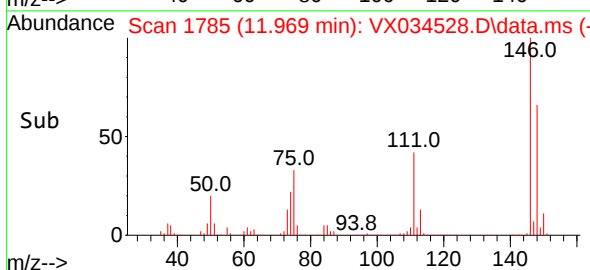
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

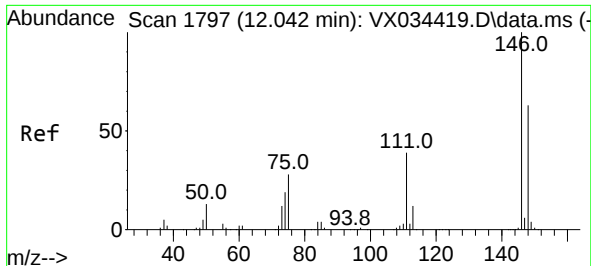


#87
1,3-Dichlorobenzene
Concen: 47.708 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



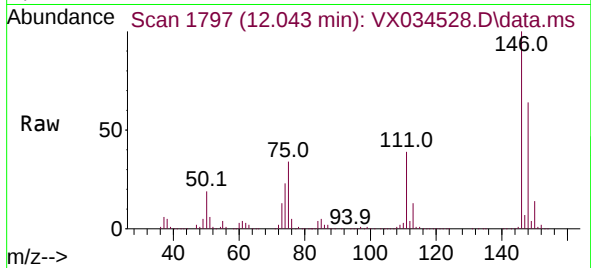
Tgt Ion:146 Resp: 359495
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 64.1 31.6 95.0





#88
1,4-Dichlorobenzene
Concen: 47.639 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

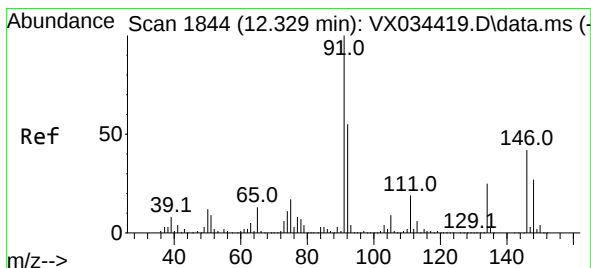
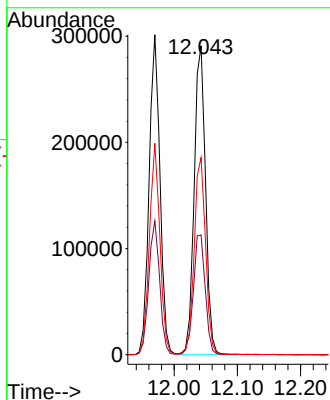
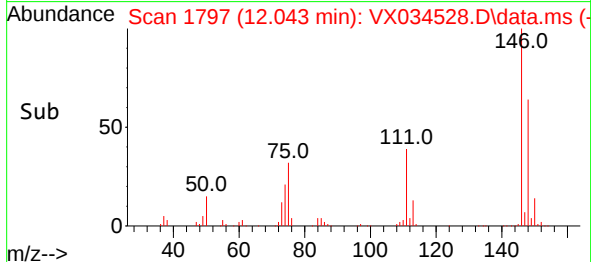
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



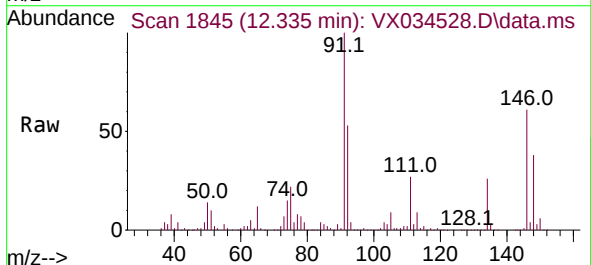
Tgt Ion:146 Resp: 362979
Ion Ratio Lower Upper
146 100
111 40.9 20.6 61.9
148 63.7 31.8 95.4

Manual Integrations
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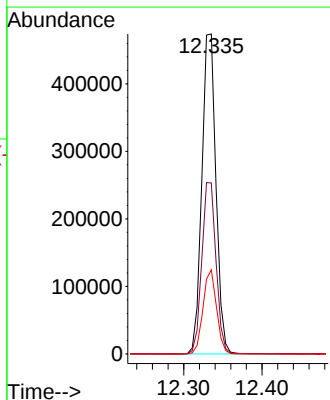
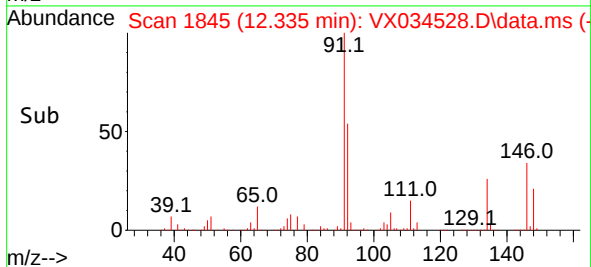
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

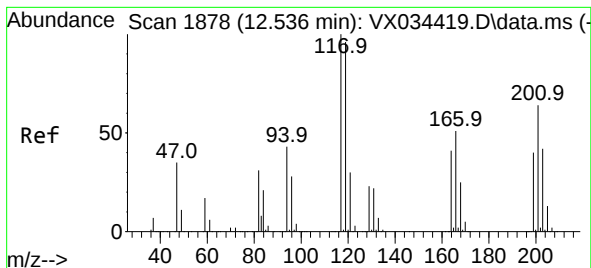


#89
n-Butylbenzene
Concen: 47.867 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01



Tgt Ion: 91 Resp: 592703
Ion Ratio Lower Upper
91 100
92 54.0 27.7 83.0
134 25.1 13.0 38.9





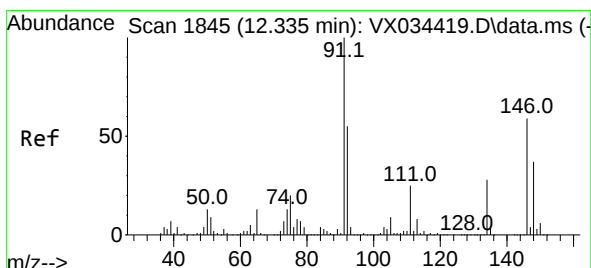
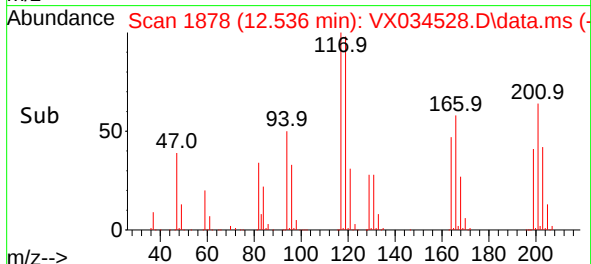
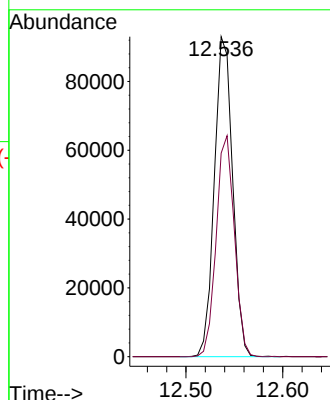
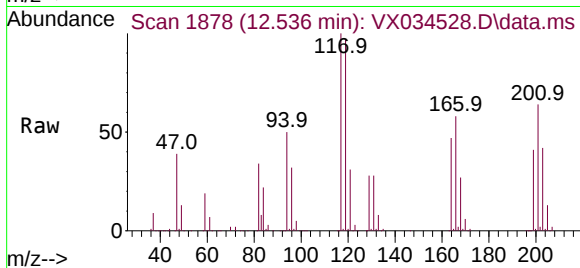
#90
Hexachloroethane
Concen: 47.380 ug/l
RT: 12.536 min Scan# 117
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS

Tgt Ion:117 Resp: 12211
Ion Ratio Lower Upper
117 100
201 68.6 34.4 103.1

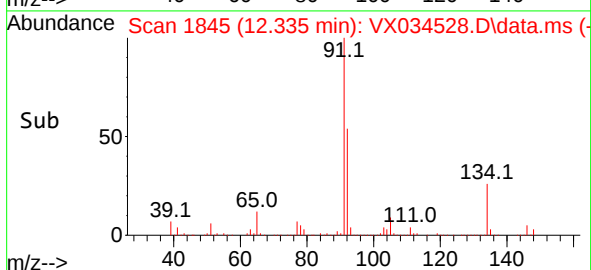
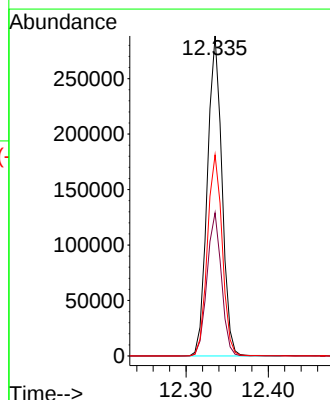
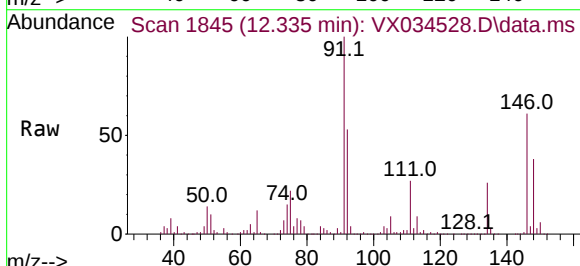
Manual Integrations
APPROVED

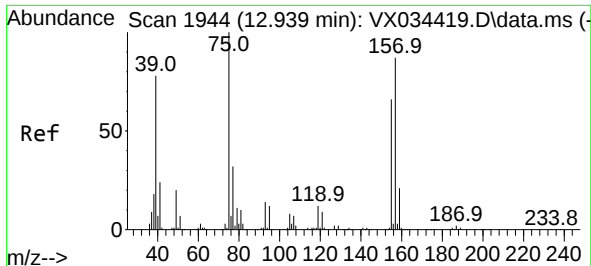
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#91
1,2-Dichlorobenzene
Concen: 48.848 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

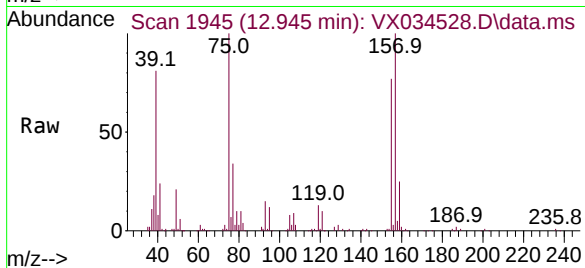
Tgt Ion:146 Resp: 355718
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 63.8 32.0 96.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 50.345 ug/l
RT: 12.945 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

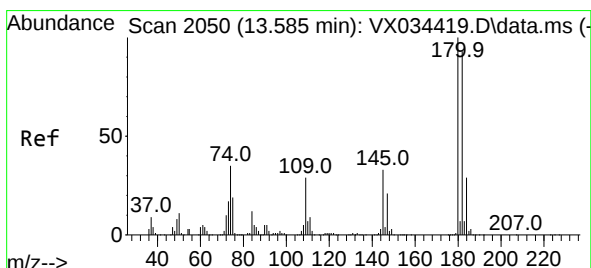
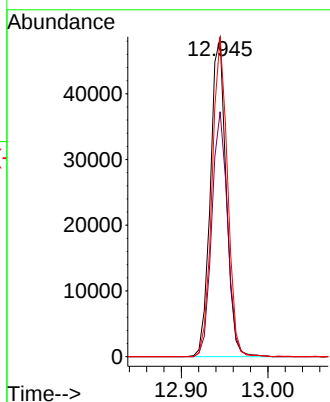
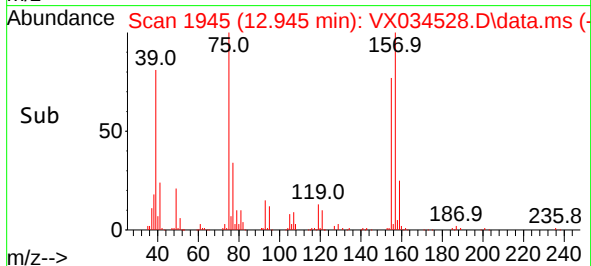
Instrument :
MSVOA_X
ClientSampleId :
DS-02-031023-AMMS



Tgt Ion: 75 Resp: 6118
Ion Ratio Lower Upper
75 100
155 76.8 38.4 115.1
157 98.2 49.9 149.7

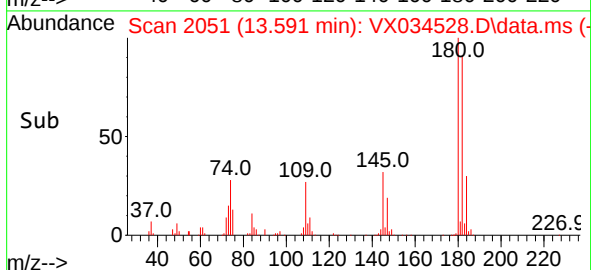
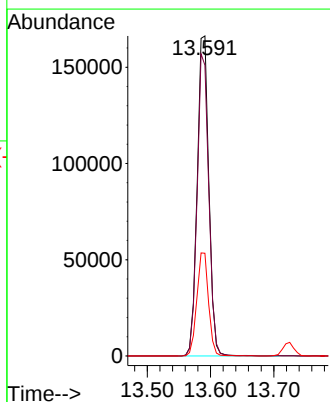
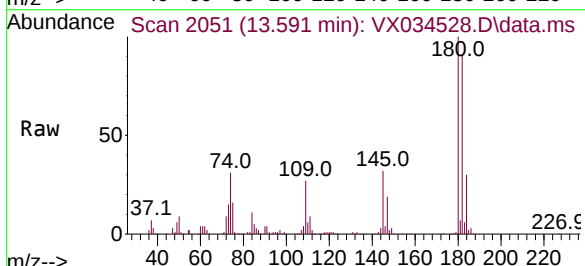
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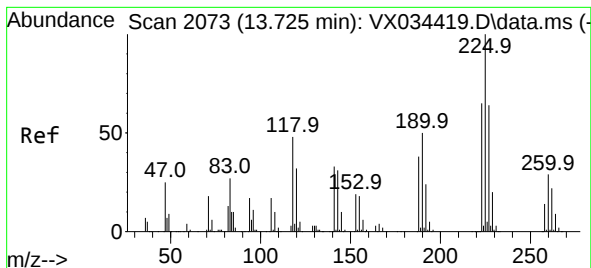
Reviewed By :John Carlone 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#93
1,2,4-Trichlorobenzene
Concen: 46.842 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034528.D
Acq: 15 Mar 2023 23:01

Tgt Ion:180 Resp: 213312
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.0
145 32.4 15.9 47.7





#94

Hexachlorobutadiene

Concen: 46.242 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

DS-02-031023-AMMS

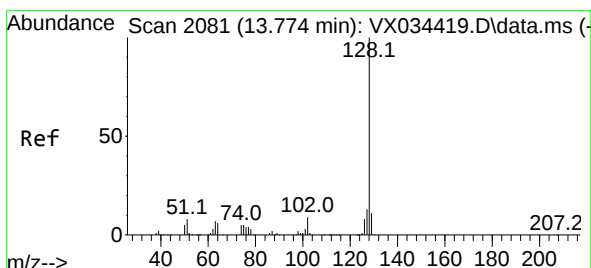
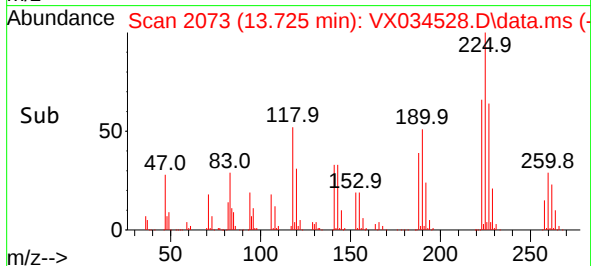
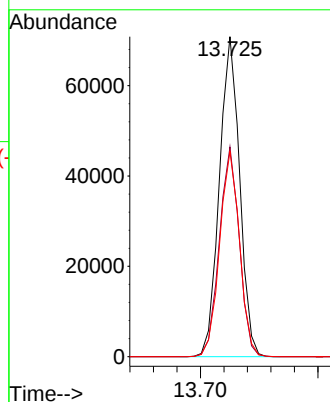
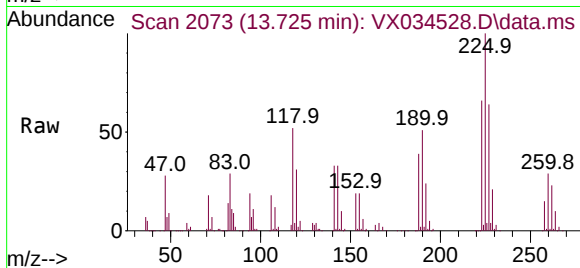
Tgt Ion:	225	Resp:	8483
Ion Ratio	Lower	Upper	
225	100		
223	64.4	32.1	96.5
227	63.1	31.8	95.4

Manual Integrations

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Reviewed By :John Carlone 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#95

Naphthalene

Concen: 49.449 ug/l

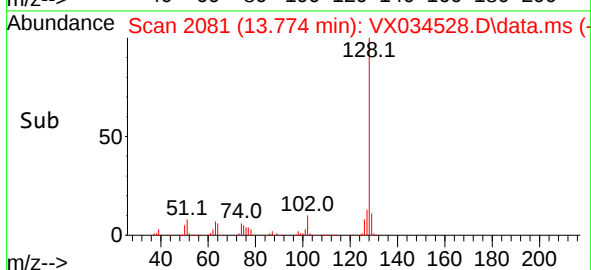
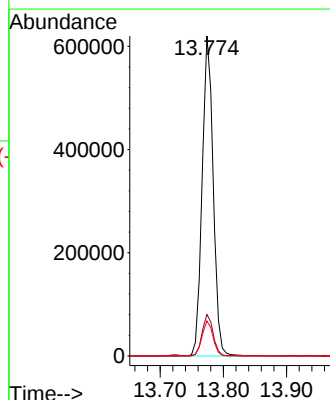
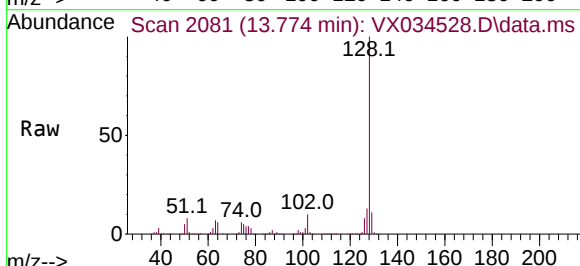
RT: 13.774 min Scan# 2081

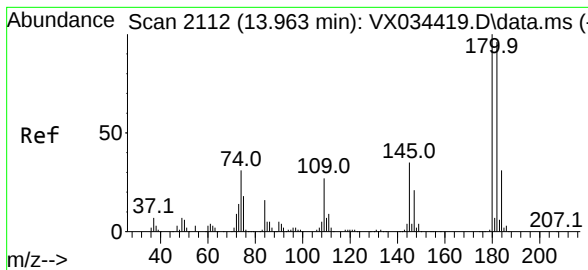
Delta R.T. 0.000 min

Lab File: VX034528.D

Acq: 15 Mar 2023 23:01

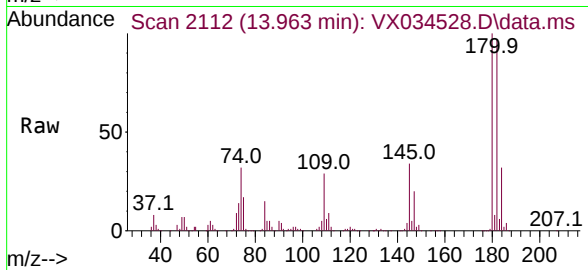
Tgt Ion:	128	Resp:	755128
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 47.999 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034528.D
 Acq: 15 Mar 2023 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DS-02-031023-AMMS



Tgt Ion:180 Resp: 213664
 Ion Ratio Lower Upper
 180 100
 182 93.6 48.0 144.2
 145 33.9 17.7 53.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

