

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034556.D
 Acq On : 16 Mar 2023 19:20
 Operator : JC/MD
 Sample : 01903-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MSD

Quant Time: Mar 17 06:31:22 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 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	257957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436866	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	181312	48.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.620%		
35) Dibromofluoromethane	5.385	113	135032	46.815	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	8.647	98	497828	46.234	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.460%		
62) 4-Bromofluorobenzene	11.079	95	204001	46.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113517	47.204	ug/l	100
3) Chloromethane	1.307	50	158590	43.361	ug/l	98
4) Vinyl Chloride	1.374	62	151421	46.243	ug/l	100
5) Bromomethane	1.599	94	78059	47.247	ug/l	94
6) Chloroethane	1.679	64	88314	46.842	ug/l	97
7) Trichlorofluoromethane	1.880	101	245957	49.989	ug/l	99
8) Diethyl Ether	2.130	74	91963	51.201	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	144292	50.322	ug/l	99
10) Methyl Iodide	2.447	142	186376	49.507	ug/l	96
11) Tert butyl alcohol	2.965	59	223177	285.581	ug/l	99
12) 1,1-Dichloroethene	2.313	96	133195	47.166	ug/l	96
13) Acrolein	2.233	56	191289	309.415	ug/l	99
14) Allyl chloride	2.660	41	263402	46.008	ug/l	97
15) Acrylonitrile	3.062	53	441637	261.611	ug/l	98
16) Acetone	2.380	43	399557	226.028	ug/l	99
17) Carbon Disulfide	2.508	76	314830	39.616	ug/l	100
18) Methyl Acetate	2.703	43	282174	48.852	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	507443	50.187	ug/l	98
20) Methylene Chloride	2.788	84	155629	45.362	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	142512	47.519	ug/l	96
22) Diisopropyl ether	3.757	45	537598	49.250	ug/l	97
23) Vinyl Acetate	3.721	43	1994309	240.062	ug/l	99
24) 1,1-Dichloroethane	3.605	63	289535	49.344	ug/l	98
25) 2-Butanone	4.556	43	652528	257.979	ug/l	100
26) 2,2-Dichloropropane	4.477	77	211618	41.490	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	175033	48.482	ug/l	100
28) Bromochloromethane	4.897	49	118036	43.264	ug/l	99
29) Tetrahydrofuran	5.001	42	418757	268.300	ug/l	100
30) Chloroform	5.093	83	298682	51.929	ug/l	95
31) Cyclohexane	5.471	56	246507	46.837	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	255537	50.186	ug/l	98
36) 1,1-Dichloropropene	5.690	75	211994	47.852	ug/l	99
37) Ethyl Acetate	4.715	43	233447	48.234	ug/l	98
38) Carbon Tetrachloride	5.678	117	217214	49.285	ug/l	100
39) Methylcyclohexane	7.379	83	241374	45.527	ug/l	95
40) Benzene	6.037	78	618304	47.708	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	138943	52.383	ug/l	98
42) 1,2-Dichloroethane	6.086	62	251581	52.819	ug/l	98
43) Isopropyl Acetate	6.336	43	409066	49.891	ug/l	100
44) Trichloroethene	7.123	130	1425875	423.437	ug/l	96
45) 1,2-Dichloropropane	7.427	63	166311	49.147	ug/l	97
46) Dibromomethane	7.580	93	113084	49.154	ug/l	99
47) Bromodichloromethane	7.818	83	228415	51.300	ug/l	99
48) Methyl methacrylate	7.690	41	205832	52.197	ug/l	97
49) 1,4-Dioxane	7.659	88	100807	1217.102	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1290530	271.325	ug/l	99
52) Toluene	8.720	92	391914	48.844	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	245150	48.872	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	257661	47.477	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	165230	51.888	ug/l	99
56) Ethyl methacrylate	9.116	69	268496	51.354	ug/l	97
57) 1,3-Dichloropropane	9.305	76	284331	50.240	ug/l	100
59) 2-Hexanone	9.427	43	999628	271.876	ug/l	99
60) Dibromochloromethane	9.519	129	169984	50.898	ug/l	99
61) 1,2-Dibromoethane	9.610	107	172792	50.285	ug/l	99
64) Tetrachloroethene	9.275	164	129300	48.132	ug/l	97
65) Chlorobenzene	10.079	112	420143	47.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	157011	49.131	ug/l	99
67) Ethyl Benzene	10.195	91	767233	48.843	ug/l	98
68) m/p-Xylenes	10.299	106	580160	96.145	ug/l	98
69) o-Xylene	10.640	106	290388	47.954	ug/l	98
70) Styrene	10.653	104	488006	49.949	ug/l	99
71) Bromoform	10.799	173	118171	48.038	ug/l	100
73) Isopropylbenzene	10.963	105	757372	47.477	ug/l	99
74) N-amyl acetate	10.842	43	368184	48.187	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	267182	50.191	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	222089m	46.862	ug/l	
77) Bromobenzene	11.195	156	183457	47.933	ug/l	99
78) n-propylbenzene	11.305	91	899355	48.816	ug/l	100
79) 2-Chlorotoluene	11.366	91	552912	48.594	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	654860	48.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	77134	44.030	ug/l	93
82) 4-Chlorotoluene	11.451	91	641100	48.917	ug/l	99
83) tert-Butylbenzene	11.713	119	665484	49.329	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	660557	48.305	ug/l	99
85) sec-Butylbenzene	11.890	105	799921	48.501	ug/l	99
86) p-Isopropyltoluene	12.012	119	667133	48.129	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	350775	46.776	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	352441	46.480	ug/l	99
89) n-Butylbenzene	12.335	91	591782	48.024	ug/l	98
90) Hexachloroethane	12.536	117	119905	46.749	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	351806	48.544	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67080	55.464	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	220447	48.642	ug/l	98
94) Hexachlorobutadiene	13.725	225	91497	50.114	ug/l	98
95) Naphthalene	13.774	128	801222	52.721	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228664	51.616	ug/l	98

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

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

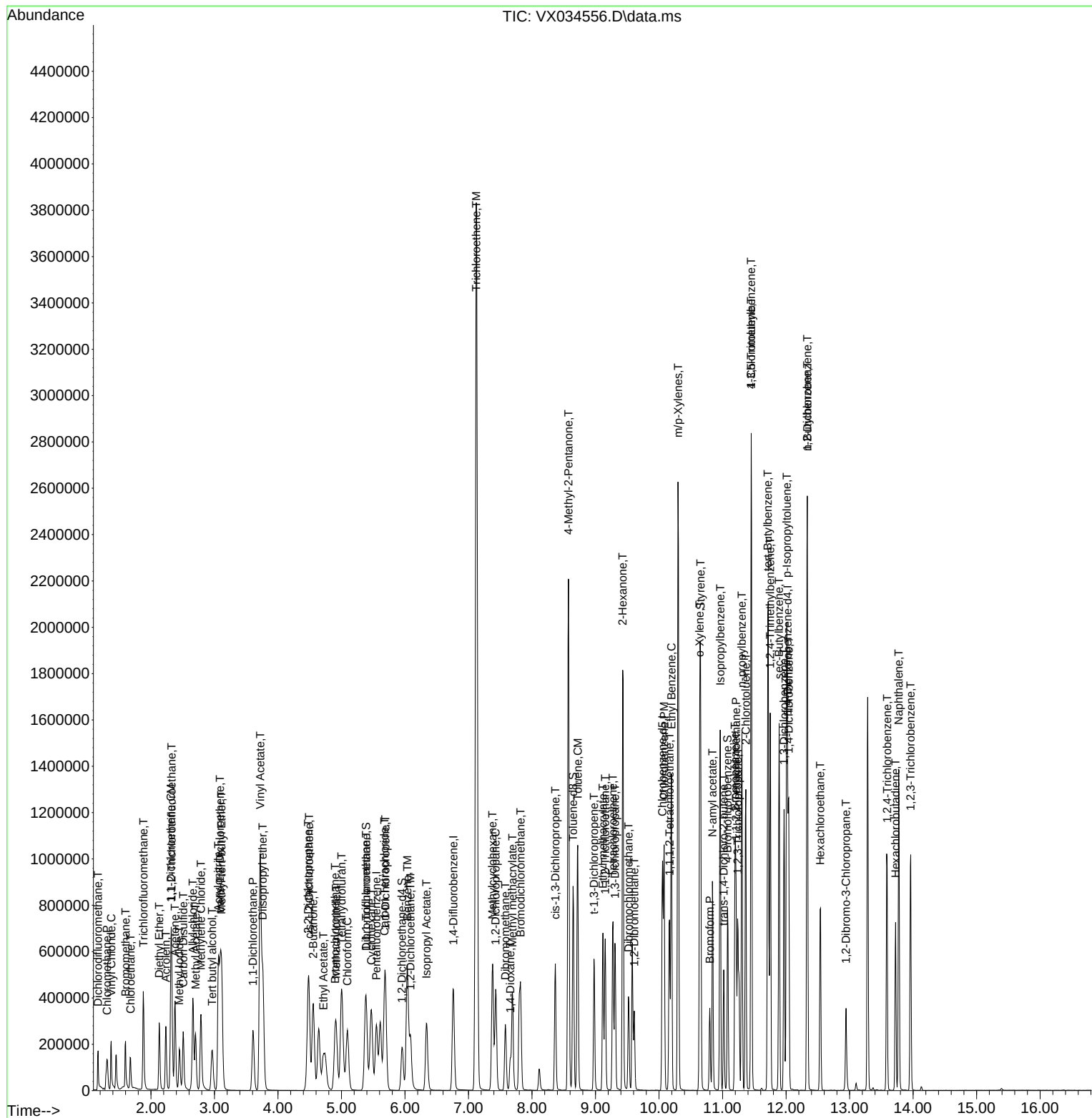
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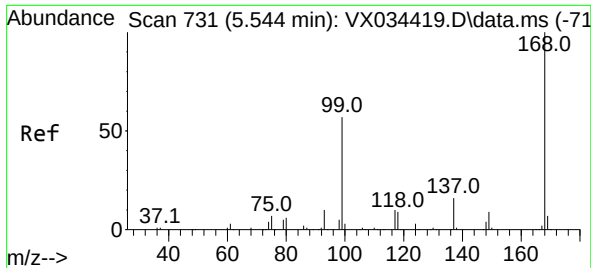
Instrument :
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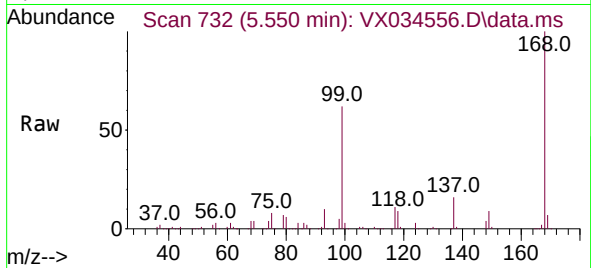
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

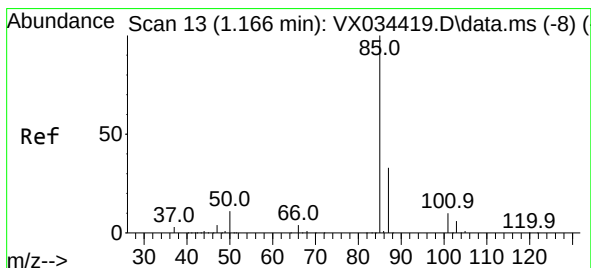
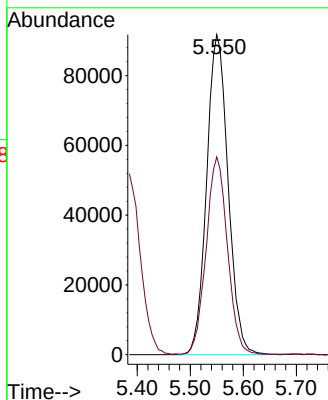
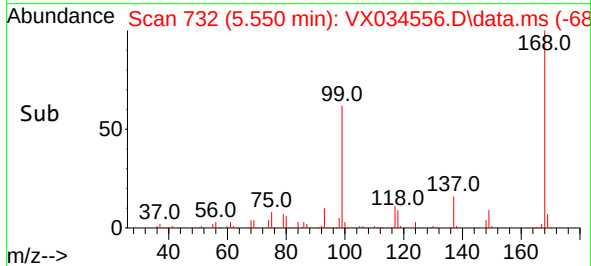
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion:168 Resp: 25795
Ion Ratio Lower Upper
168 100
99 61.8 45.7 68.5

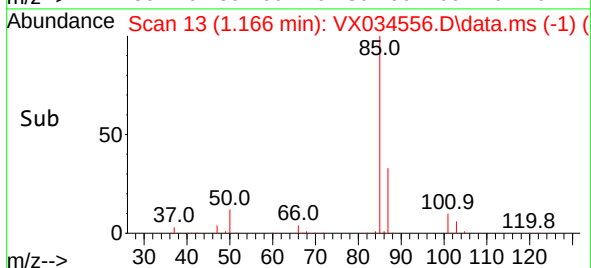
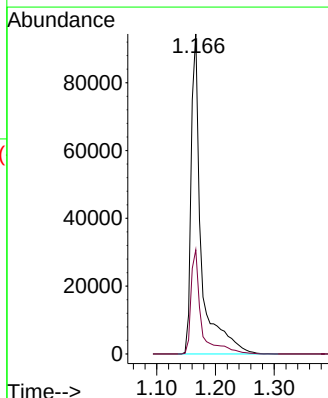
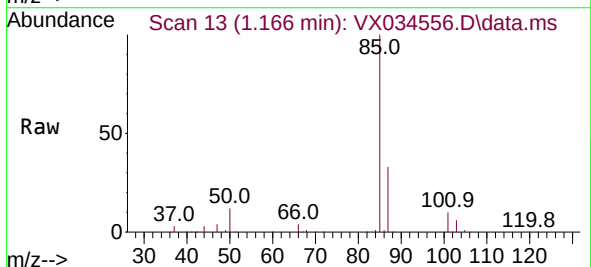
Manual Integrations
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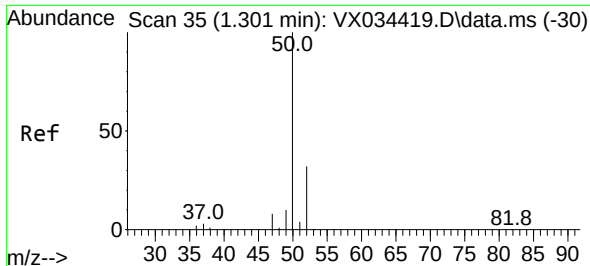
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#2
Dichlorodifluoromethane
Concen: 47.204 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

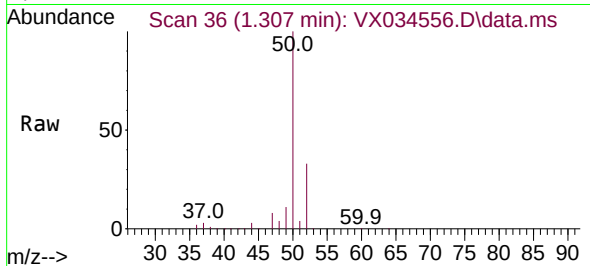
Tgt Ion: 85 Resp: 113517
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





#3
Chloromethane
Concen: 43.361 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

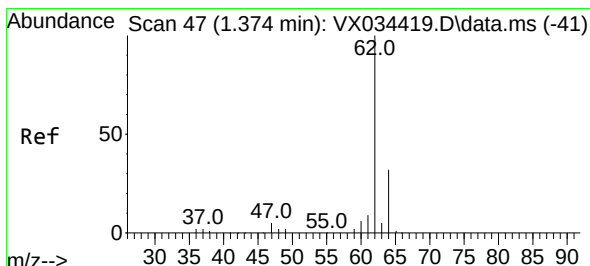
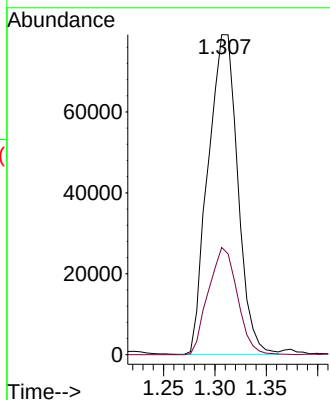
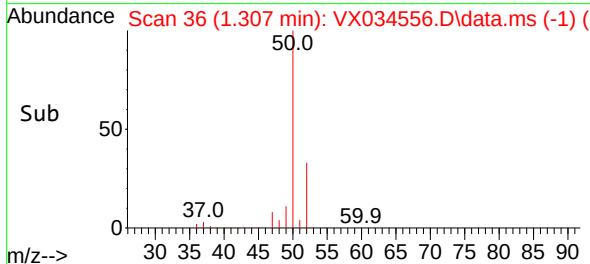
Instrument :
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Tgt Ion: 50 Resp: 158590
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

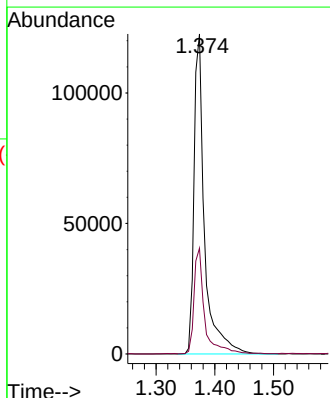
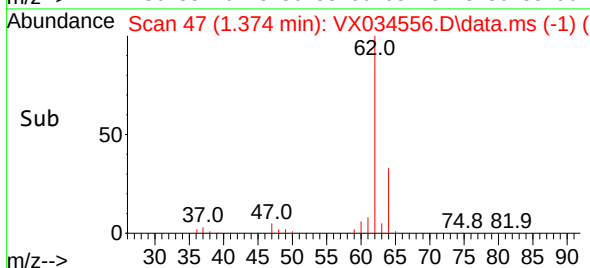
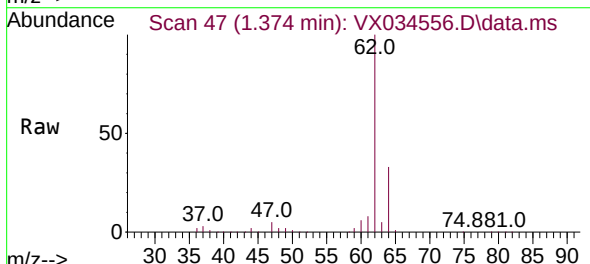
Manual Integrations
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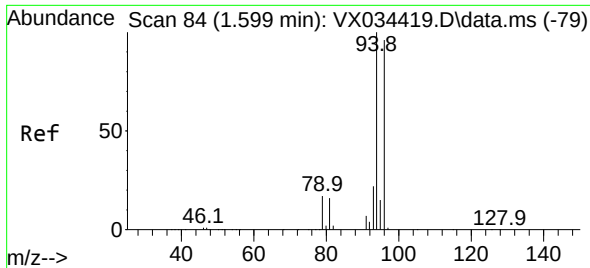
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#4
Vinyl Chloride
Concen: 46.243 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

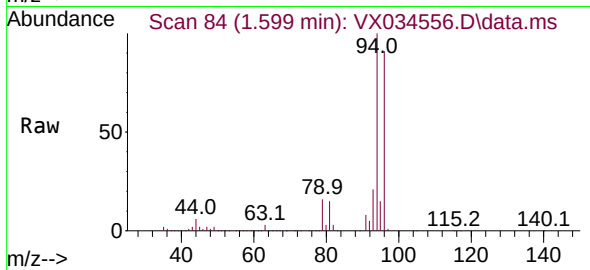
Tgt Ion: 62 Resp: 151421
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 47.247 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

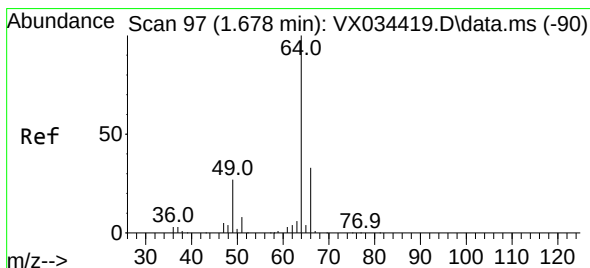
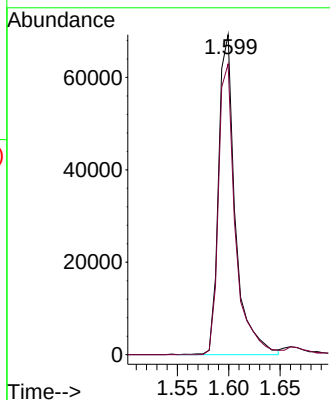
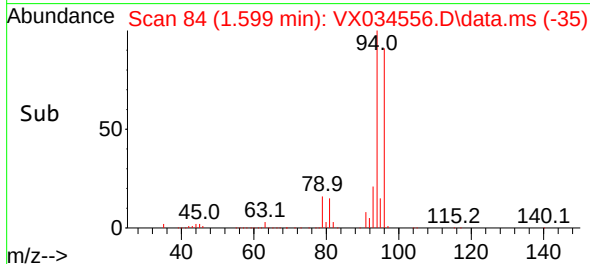
Instrument :
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Tgt Ion: 94 Resp: 78059
Ion Ratio Lower Upper
94 100
96 90.8 77.0 115.6

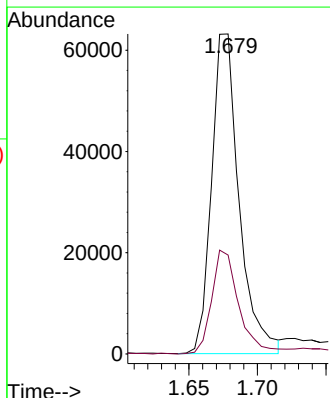
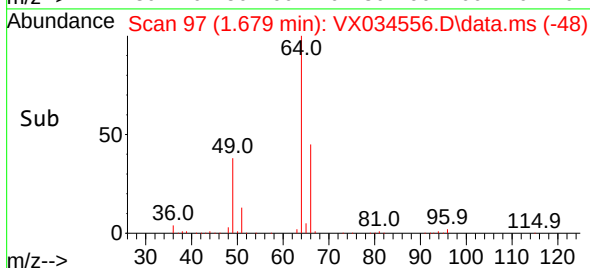
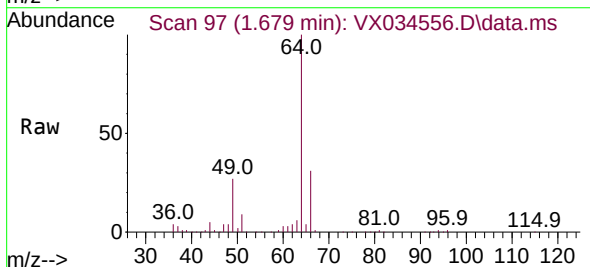
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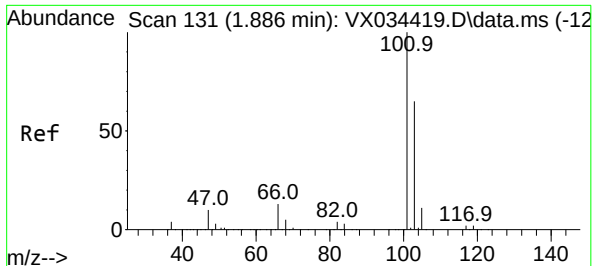
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#6
Chloroethane
Concen: 46.842 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

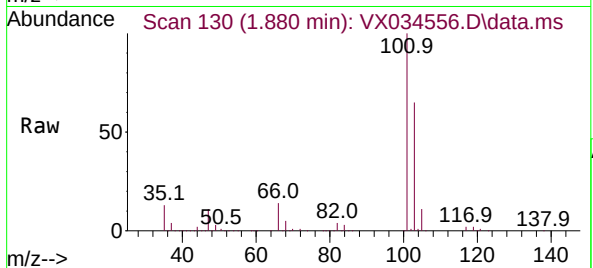
Tgt Ion: 64 Resp: 88314
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.989 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

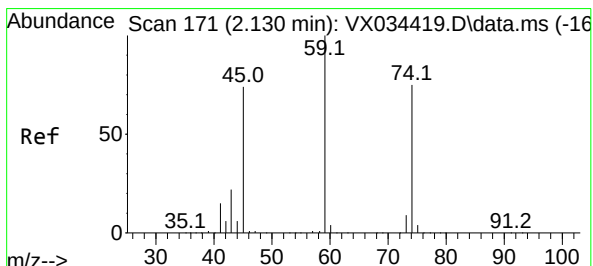
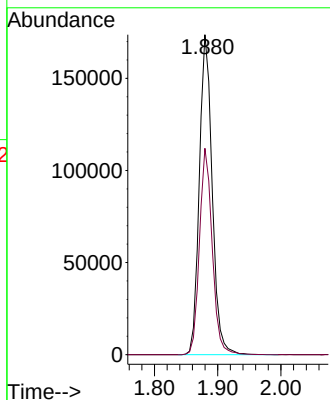
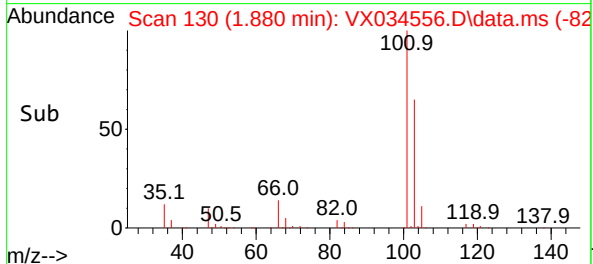
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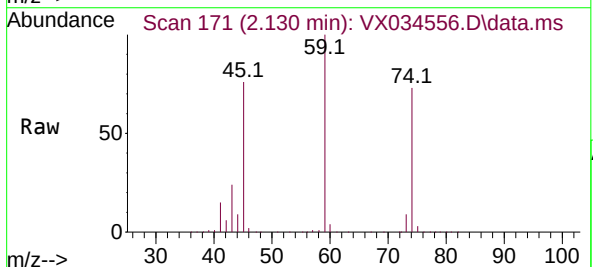
Tgt Ion:101 Resp: 24595
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

Manual Integrations
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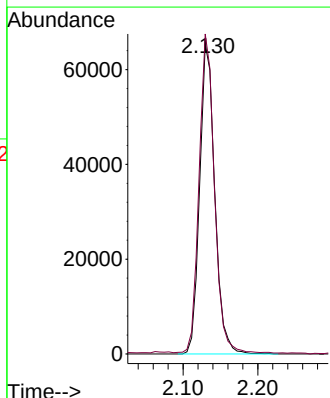
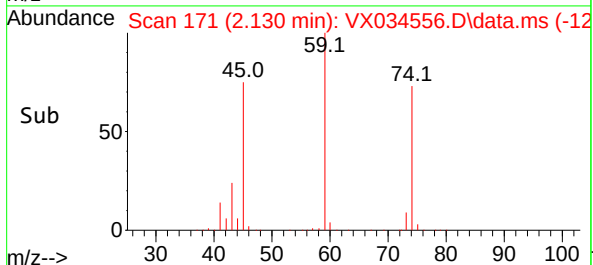
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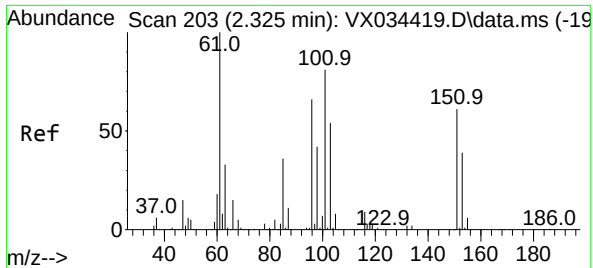


#8
Diethyl Ether
Concen: 51.201 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



Tgt Ion: 74 Resp: 91963
Ion Ratio Lower Upper
74 100
45 104.1 49.8 149.3





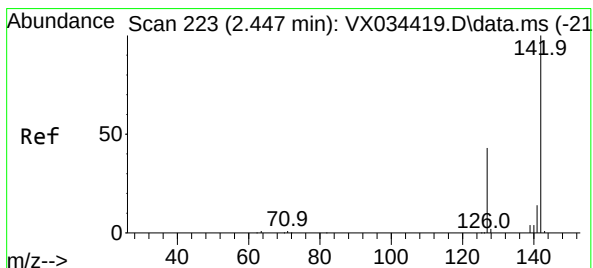
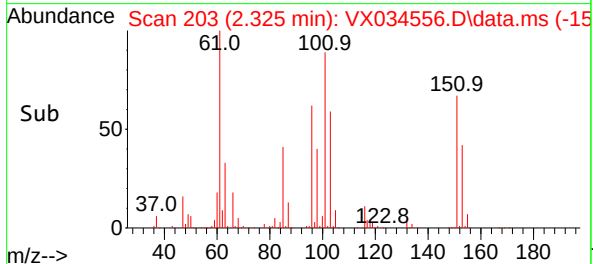
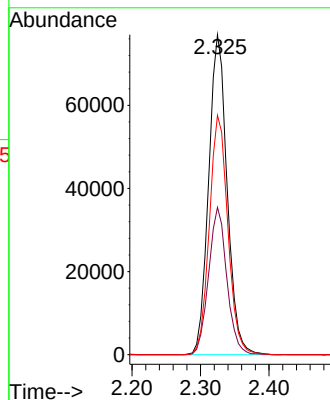
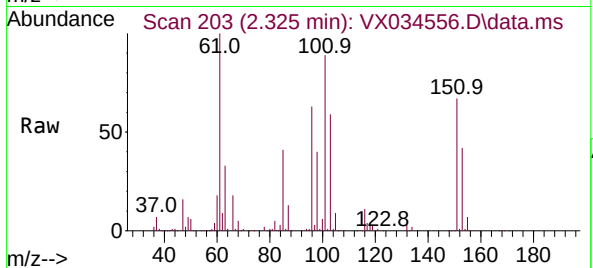
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.322 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD

Tgt Ion:101 Resp: 144292
Ion Ratio Lower Upper
101 100
85 45.5 35.4 53.2
151 75.1 60.2 90.4

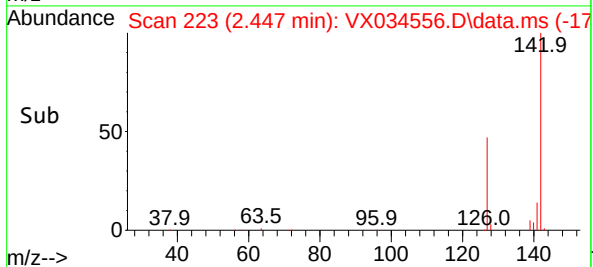
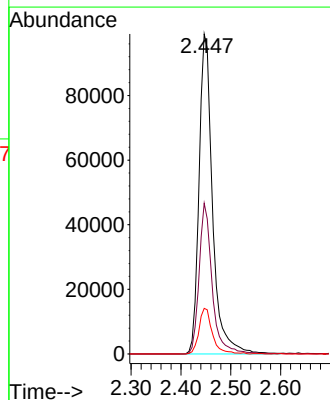
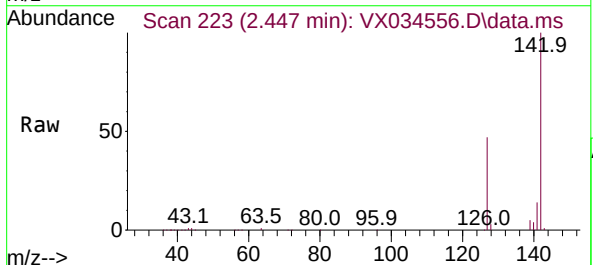
Manual Integrations
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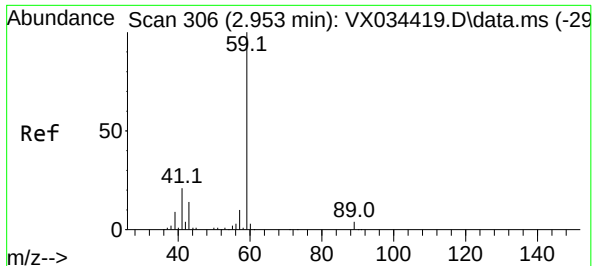
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#10
Methyl Iodide
Concen: 49.507 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion:142 Resp: 186376
Ion Ratio Lower Upper
142 100
127 45.6 34.0 51.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 285.581 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 59 Resp: 22317

Ion Ratio Lower Upper

59 100

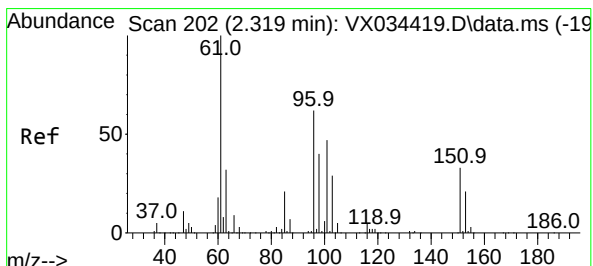
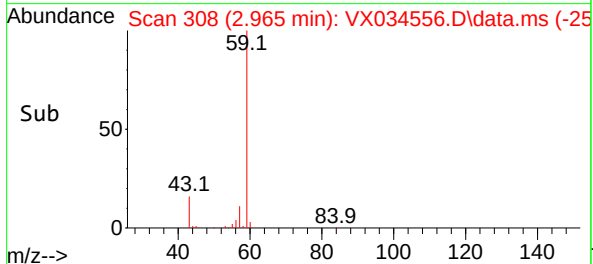
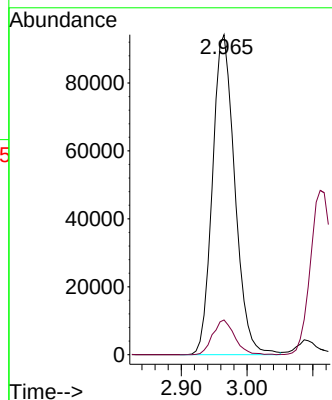
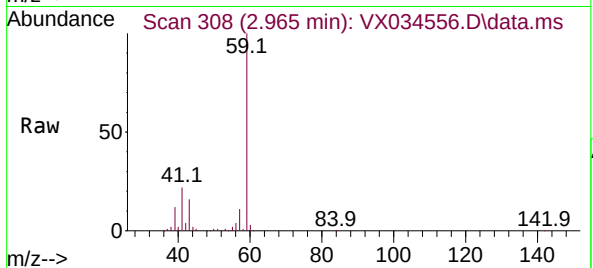
57 10.6 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#12

1,1-Dichloroethene

Concen: 47.166 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

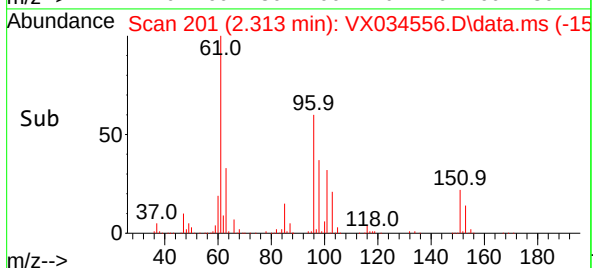
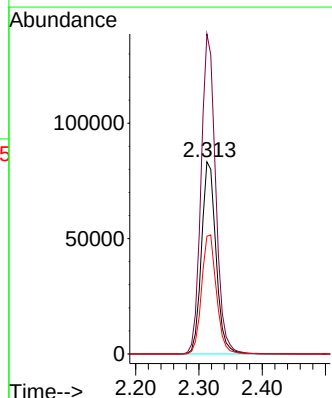
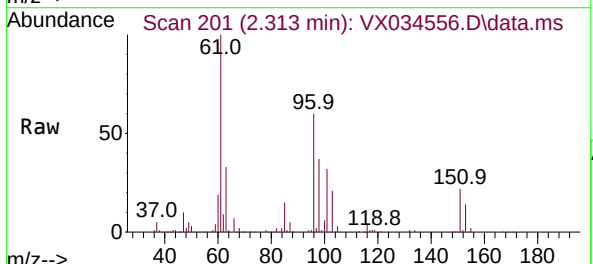
Tgt Ion: 96 Resp: 133195

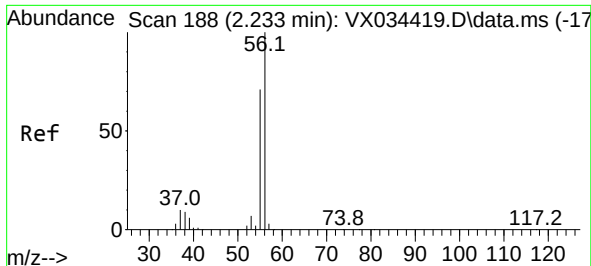
Ion Ratio Lower Upper

96 100

61 166.5 128.8 193.2

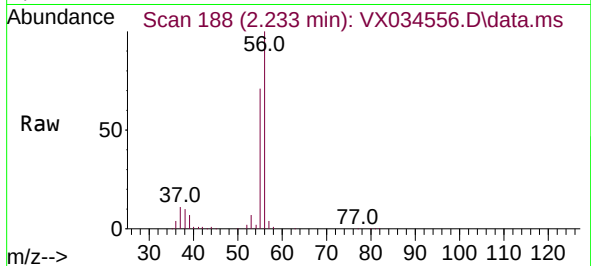
98 61.3 51.4 77.0





#13
Acrolein
Concen: 309.415 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

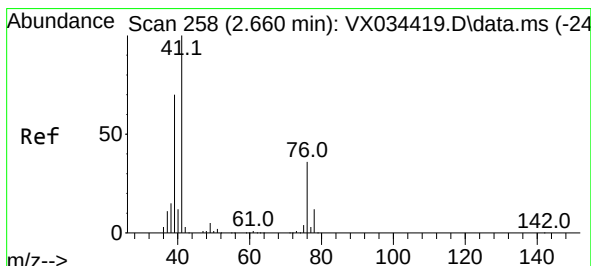
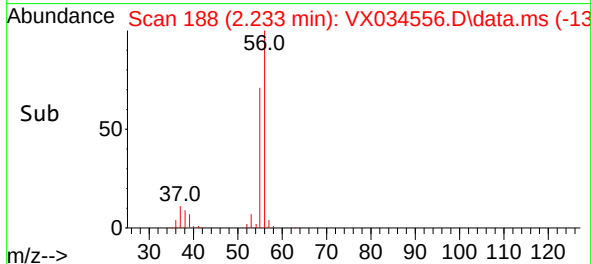
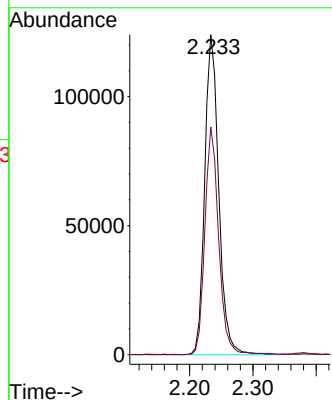
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 56 Resp: 191289
Ion Ratio Lower Upper
56 100
55 69.8 56.6 85.0

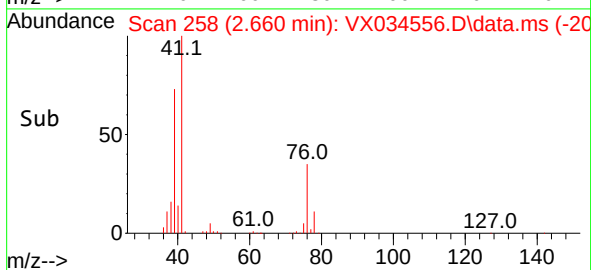
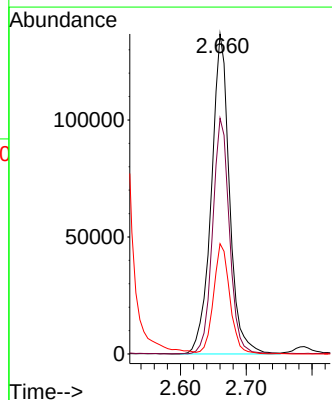
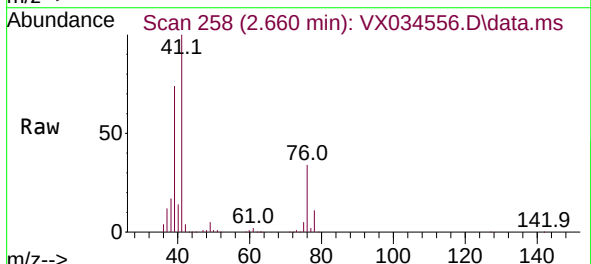
Manual Integrations
APPROVED

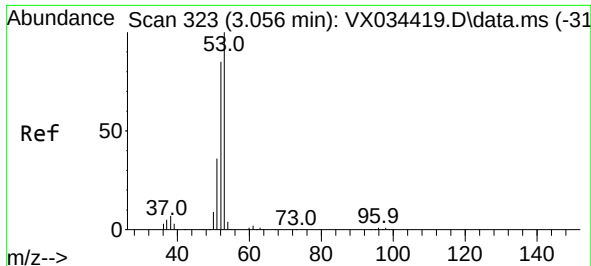
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#14
Allyl chloride
Concen: 46.008 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion: 41 Resp: 263402
Ion Ratio Lower Upper
41 100
39 68.1 52.4 78.6
76 30.7 26.0 39.0





#15

Acrylonitrile

Concen: 261.611 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034556.D

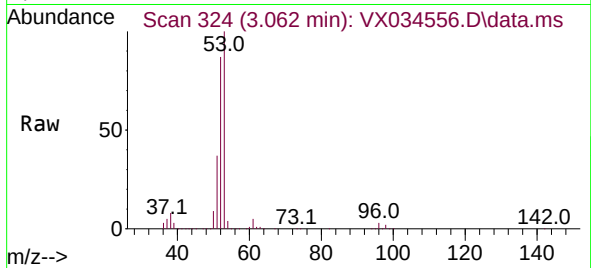
Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD



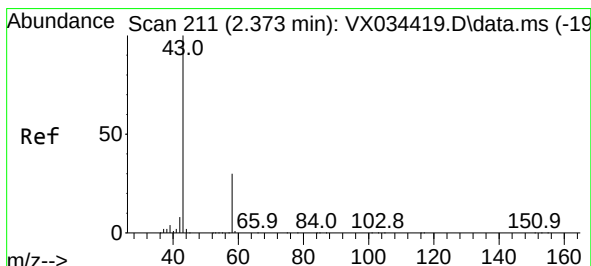
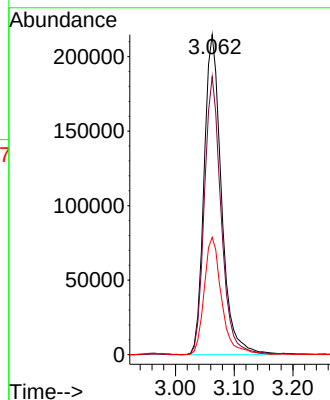
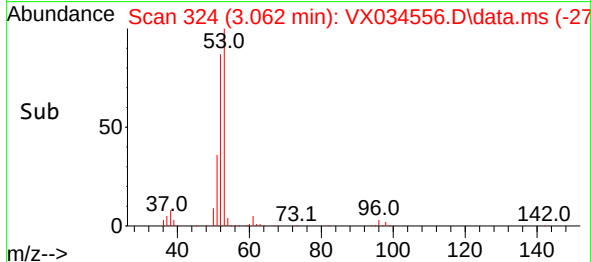
Tgt Ion:	53	Resp:	44163
Ion Ratio	100	Lower	Upper
52	84.3	66.2	99.2
51	36.8	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#16

Acetone

Concen: 226.028 ug/l

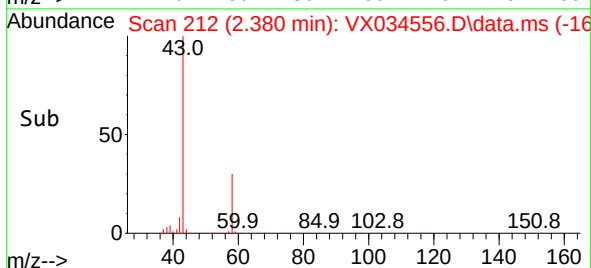
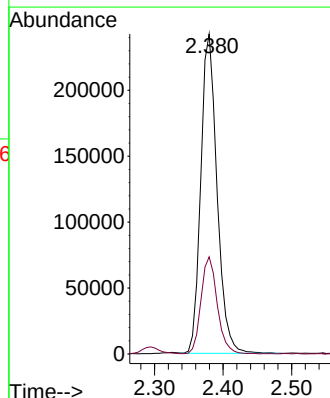
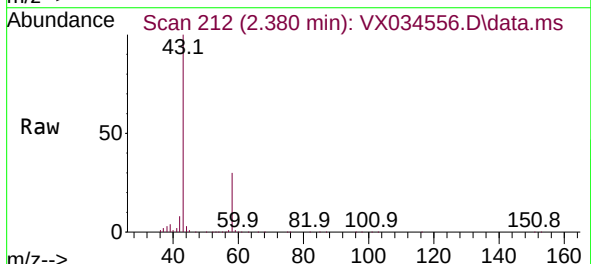
RT: 2.380 min Scan# 212

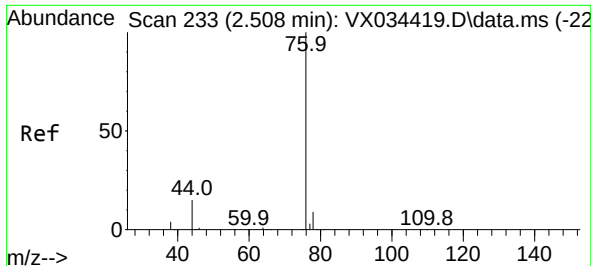
Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Tgt Ion:	43	Resp:	399557
Ion Ratio	100	Lower	Upper
58	30.4	24.7	37.1





#17

Carbon Disulfide

Concen: 39.616 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 76 Resp: 314830

Ion Ratio Lower Upper

76 100

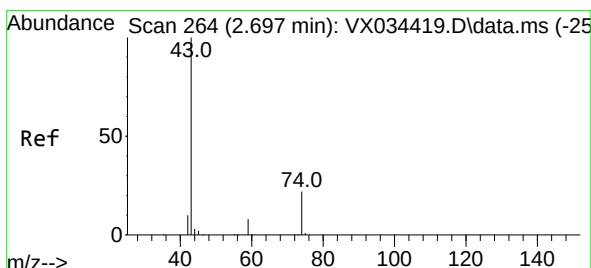
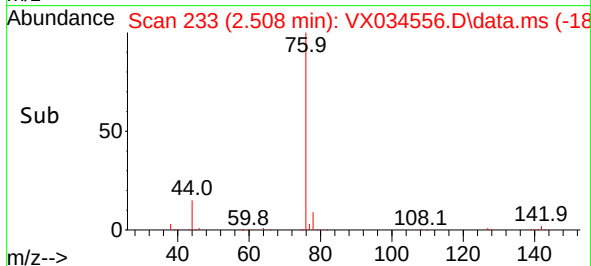
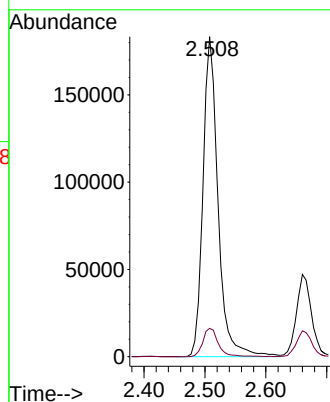
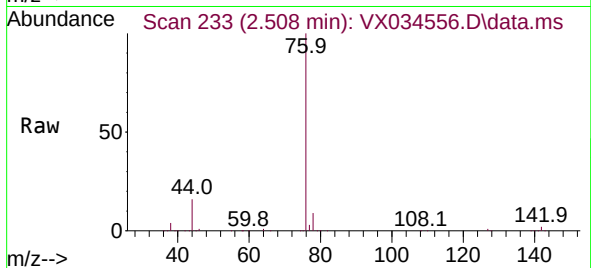
78 8.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#18

Methyl Acetate

Concen: 48.852 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034556.D

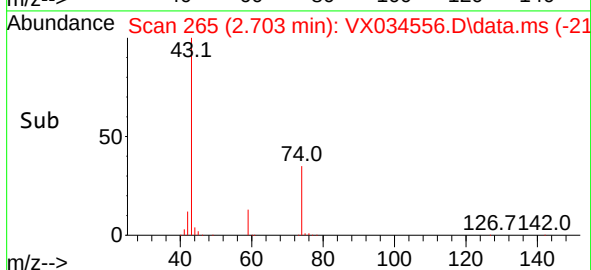
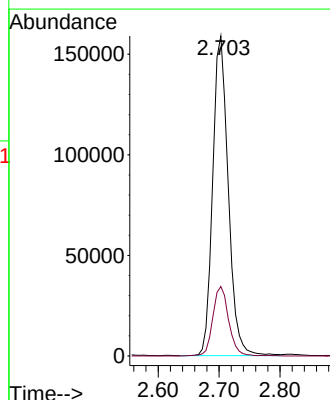
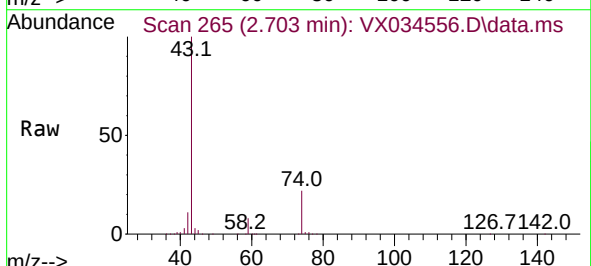
Acq: 16 Mar 2023 19:20

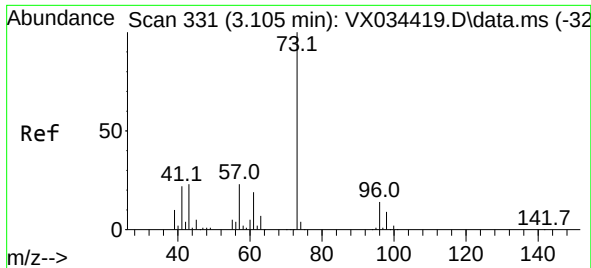
Tgt Ion: 43 Resp: 282174

Ion Ratio Lower Upper

43 100

74 22.2 18.3 27.5





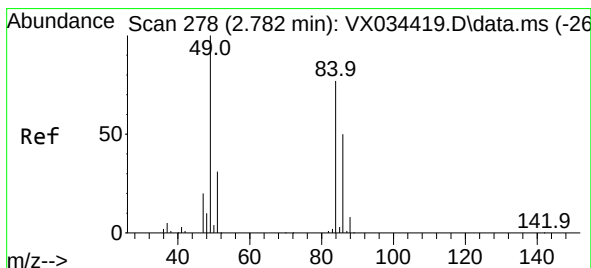
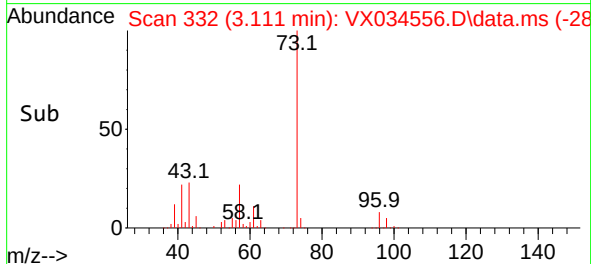
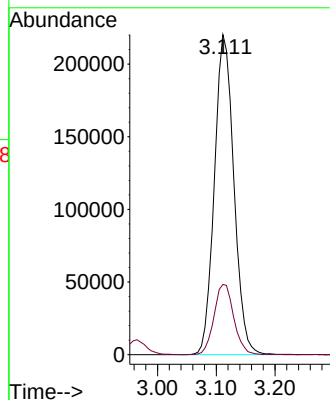
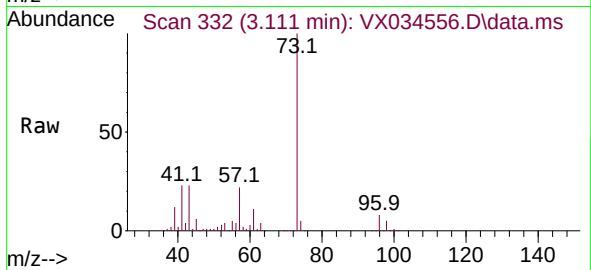
#19
Methyl tert-butyl Ether
Concen: 50.187 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD

Tgt Ion: 73 Resp: 50744
Ion Ratio Lower Upper
73 100
57 21.9 18.5 27.7

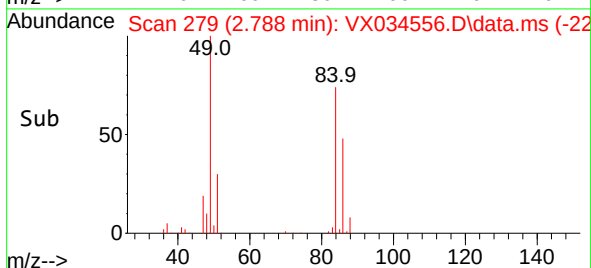
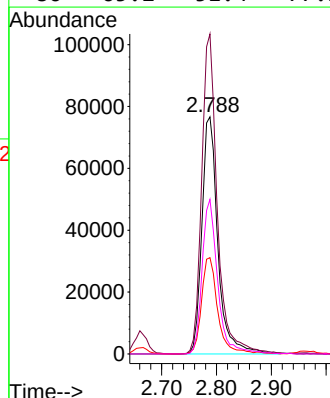
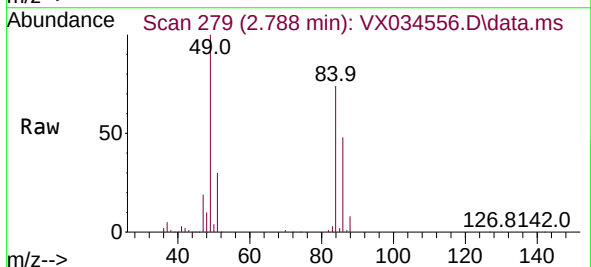
Manual Integrations
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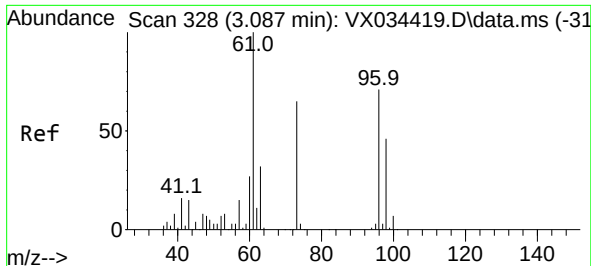
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 45.362 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

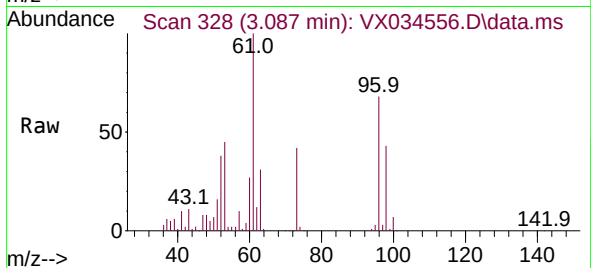
Tgt Ion: 84 Resp: 155629
Ion Ratio Lower Upper
84 100
49 135.0 103.8 155.8
51 40.6 31.8 47.8
86 65.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.519 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

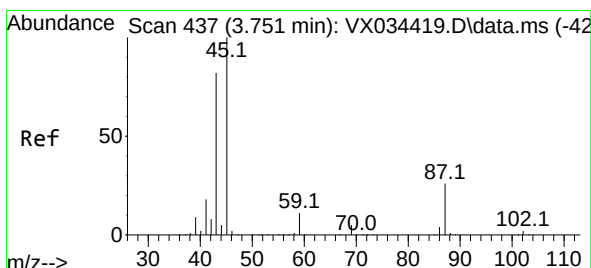
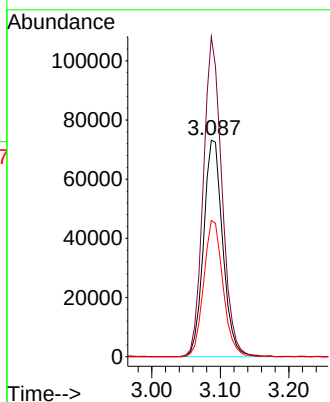
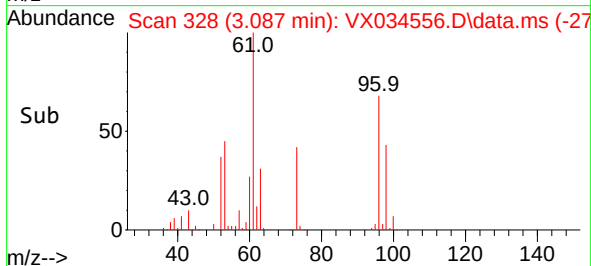
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



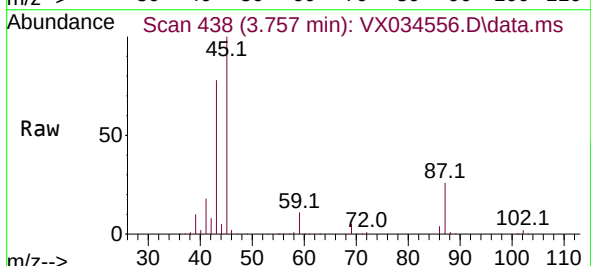
Tgt Ion: 96 Resp: 142512
Ion Ratio Lower Upper
96 100
61 147.8 113.0 169.6
98 62.9 52.1 78.1

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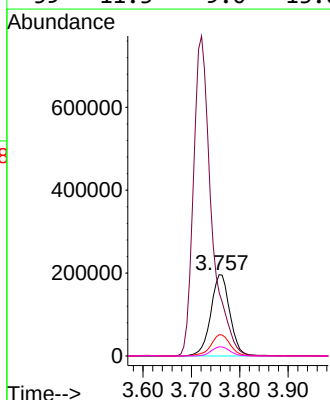
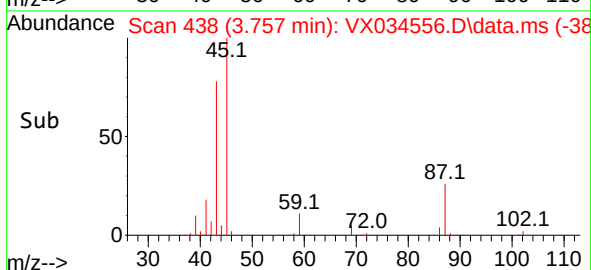
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

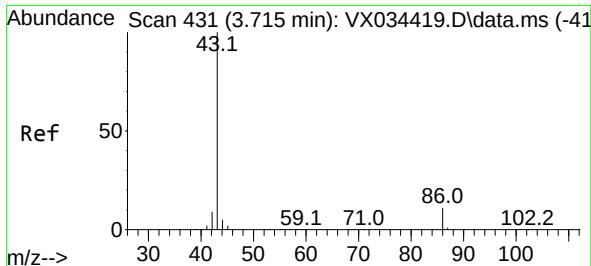


#22
Diisopropyl ether
Concen: 49.250 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



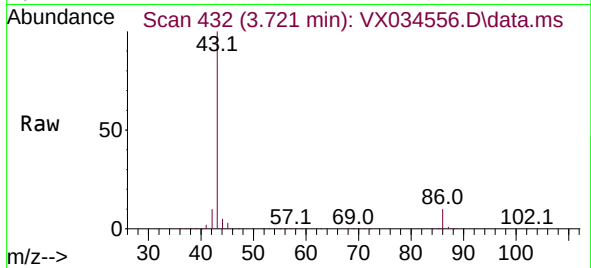
Tgt Ion: 45 Resp: 537598
Ion Ratio Lower Upper
45 100
43 77.6 65.4 98.2
87 26.1 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 240.062 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034556.D
 Acq: 16 Mar 2023 19:20

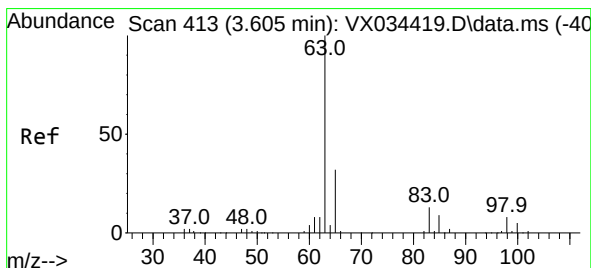
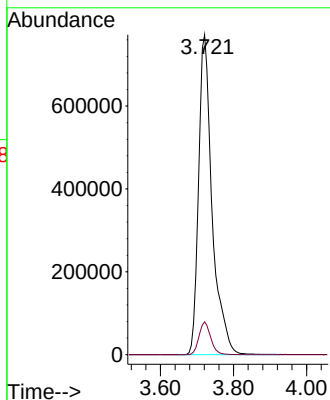
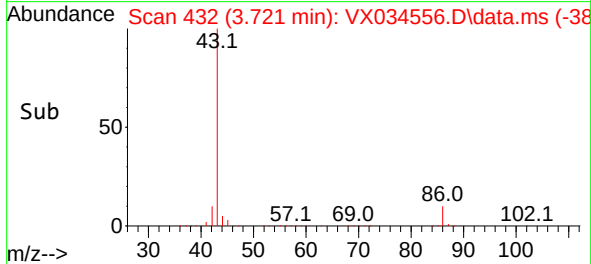
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MSD



Tgt Ion: 43 Resp: 1994309
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

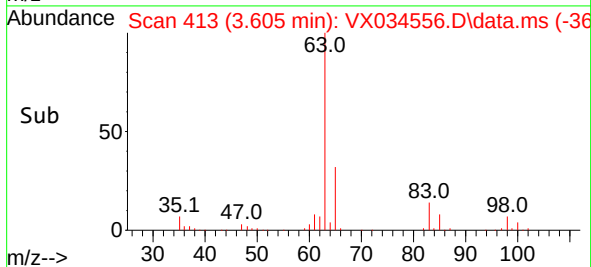
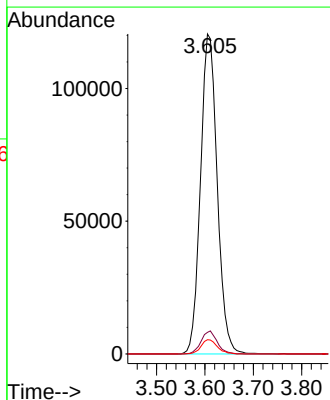
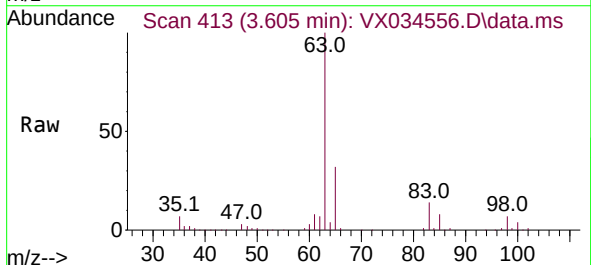
Manual Integrations
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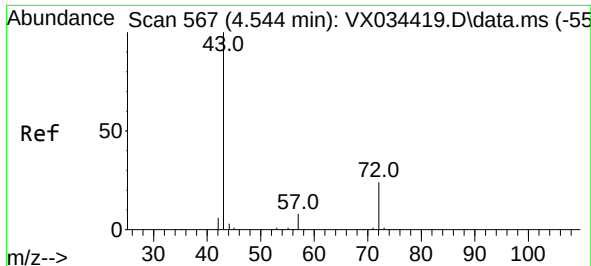
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#24
 1,1-Dichloroethane
 Concen: 49.344 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX034556.D
 Acq: 16 Mar 2023 19:20

Tgt Ion: 63 Resp: 289535
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.5 2.4 7.1





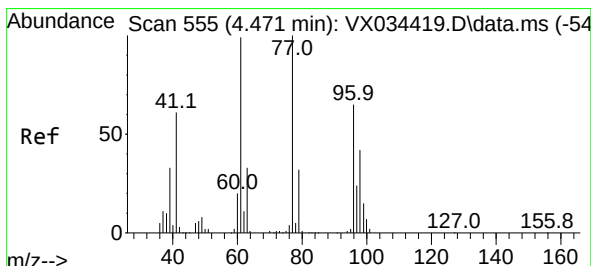
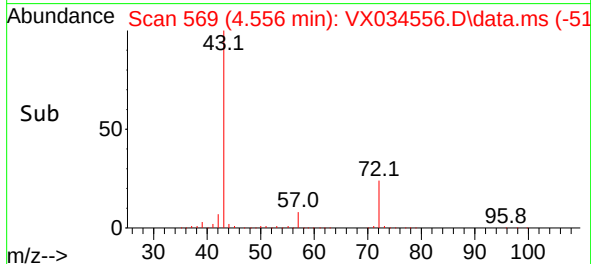
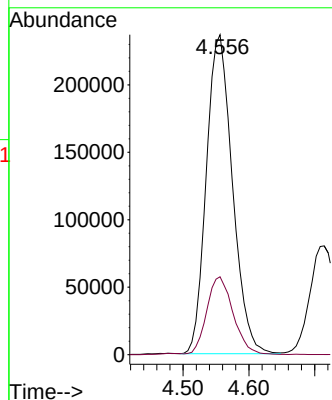
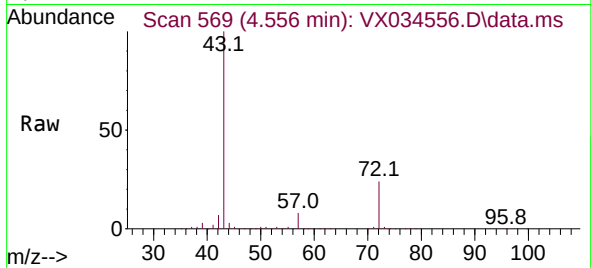
#25
2-Butanone
Concen: 257.979 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD

Tgt Ion: 43 Resp: 652528
Ion Ratio Lower Upper
43 100
72 24.3 19.3 28.9

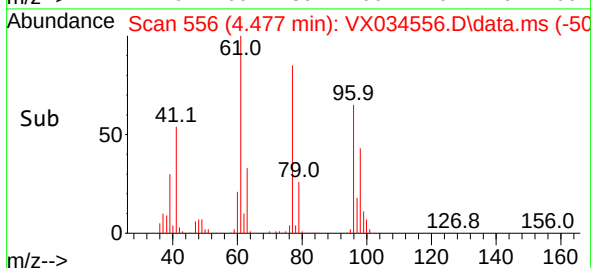
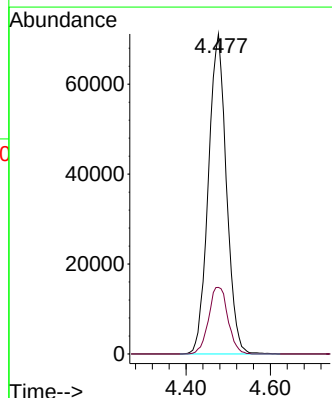
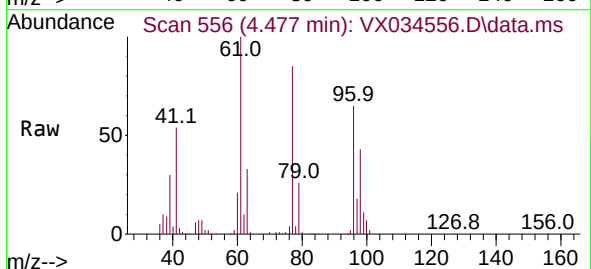
Manual Integrations
APPROVED

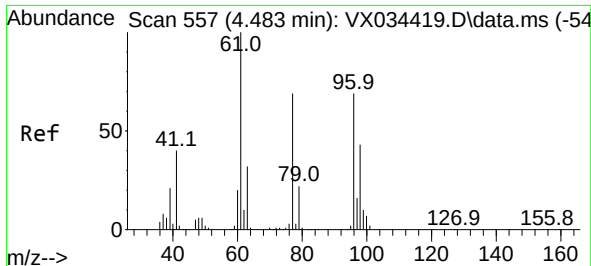
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
2,2-Dichloropropane
Concen: 41.490 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

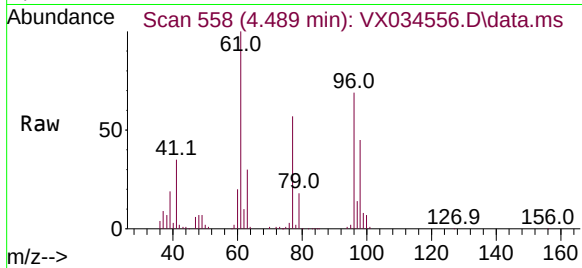
Tgt Ion: 77 Resp: 211618
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.482 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX034556.D
 Acq: 16 Mar 2023 19:20

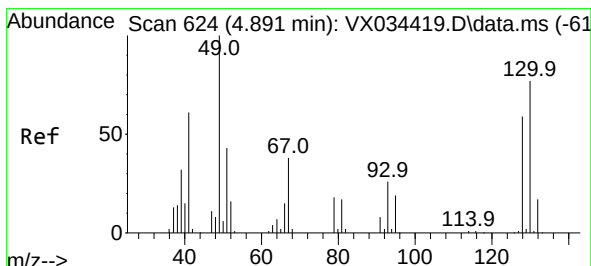
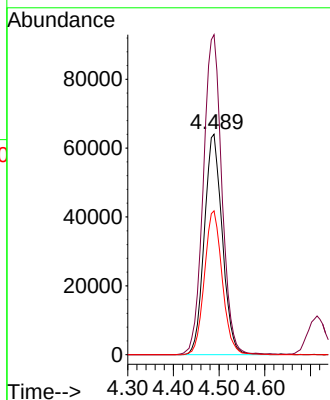
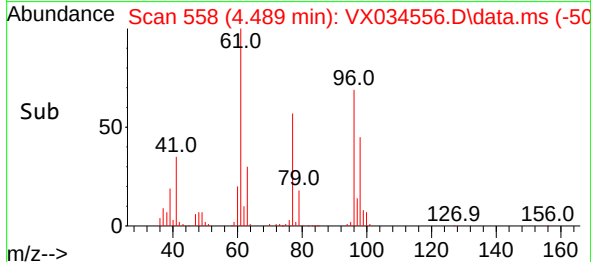
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MSD



Tgt Ion: 96 Resp: 17503
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 300.4
 98 64.7 0.0 129.0

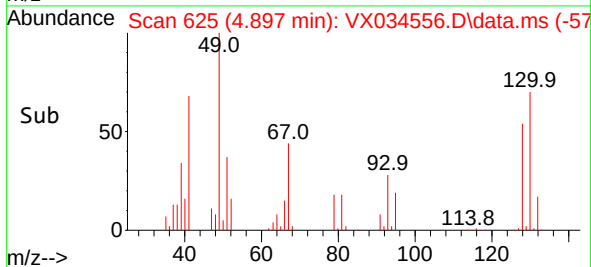
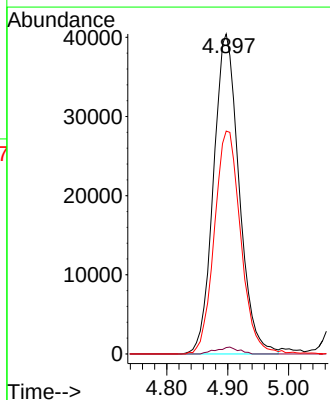
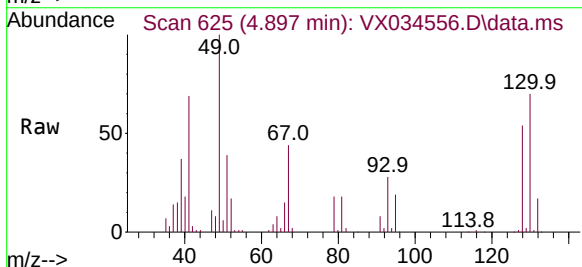
Manual Integrations
 APPROVED

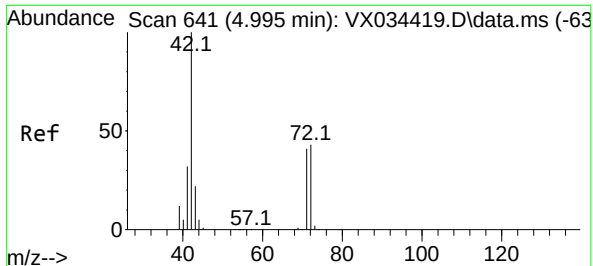
Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#28
 Bromochloromethane
 Concen: 43.264 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX034556.D
 Acq: 16 Mar 2023 19:20

Tgt Ion: 49 Resp: 118036
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 71.8 58.2 87.2





#29

Tetrahydrofuran

Concen: 268.300 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

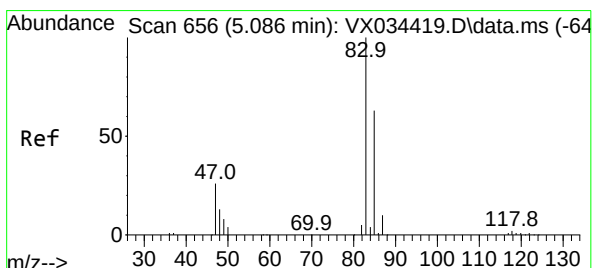
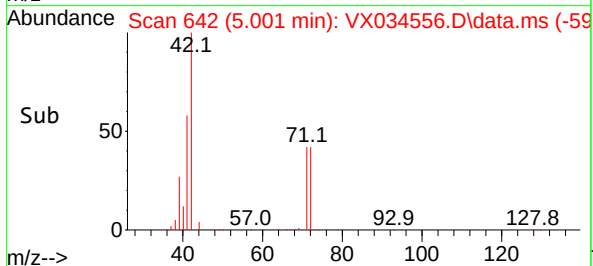
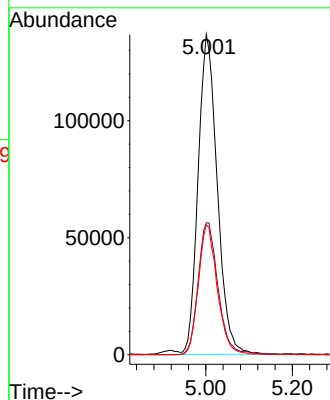
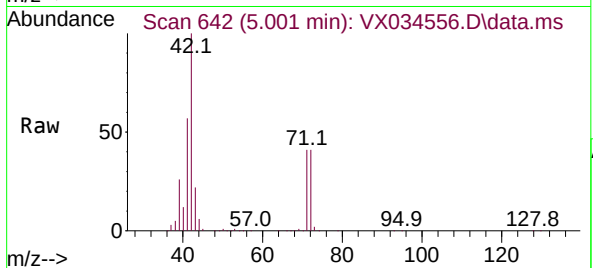
RE103D2-20230310MSD

Tgt Ion: 42 Resp: 41875

Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.5	51.7
71	40.1	32.1	48.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#30

Chloroform

Concen: 51.929 ug/l

RT: 5.093 min Scan# 657

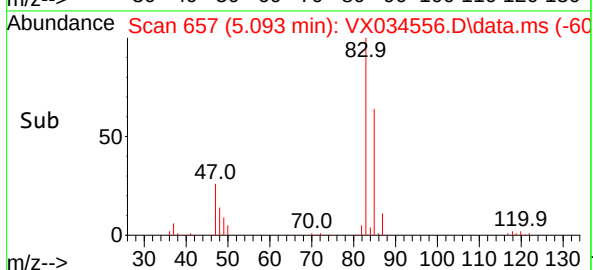
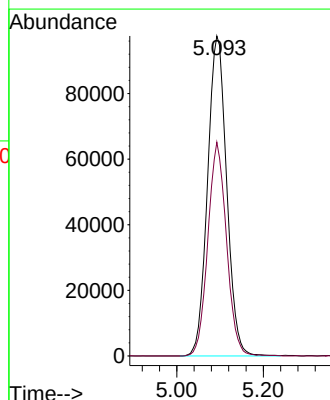
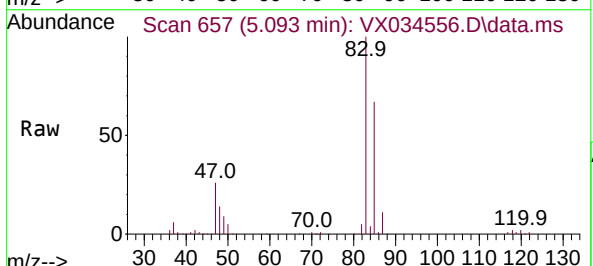
Delta R.T. 0.006 min

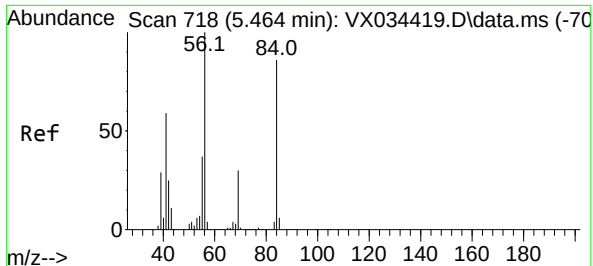
Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Tgt Ion: 83 Resp: 298682

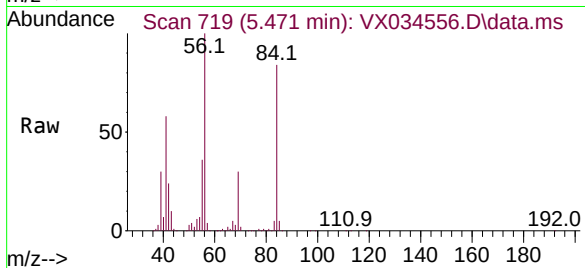
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.6	76.0





#31
Cyclohexane
Concen: 46.837 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

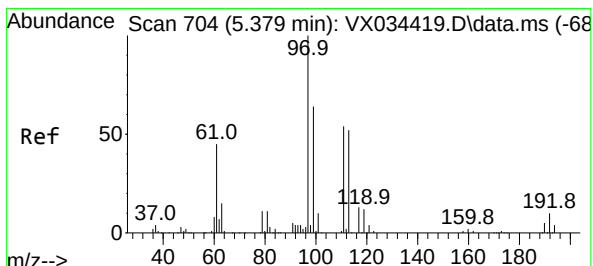
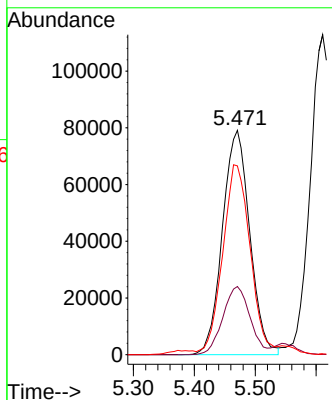
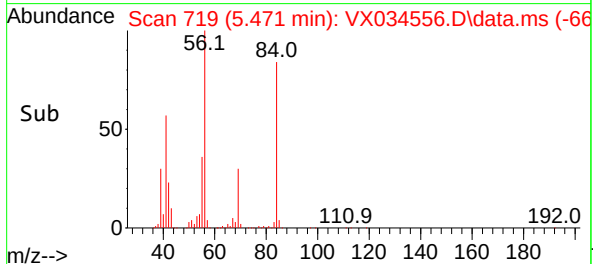
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 56 Resp: 24650
Ion Ratio Lower Upper
56 100
69 30.3 23.7 35.5
84 82.2 68.5 102.7

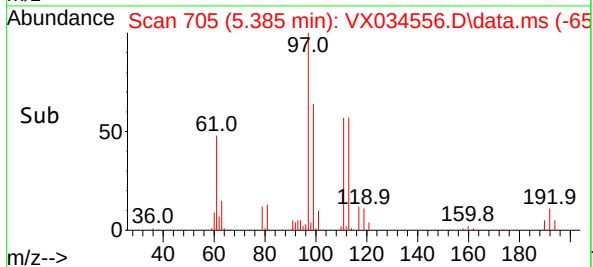
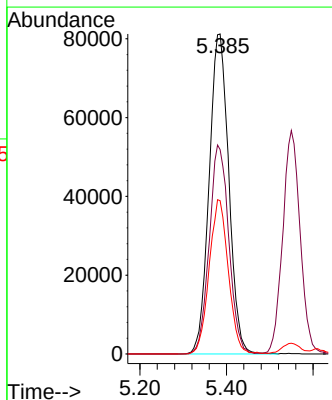
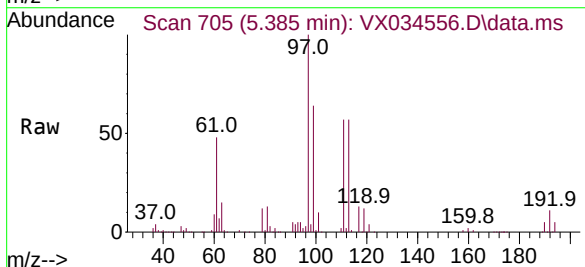
Manual Integrations
APPROVED

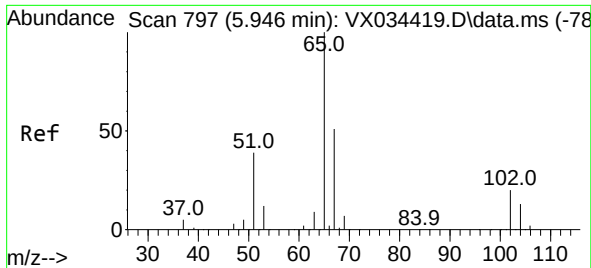
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#32
1,1,1-Trichloroethane
Concen: 50.186 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion: 97 Resp: 255537
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 47.2 36.5 54.7





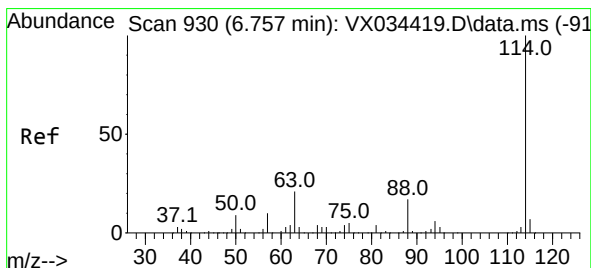
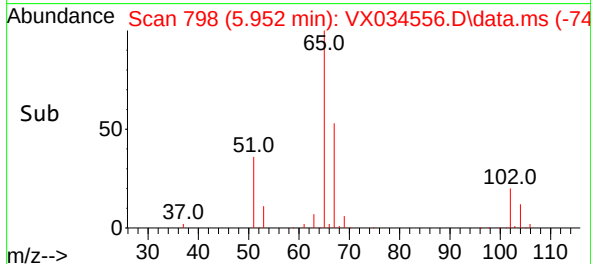
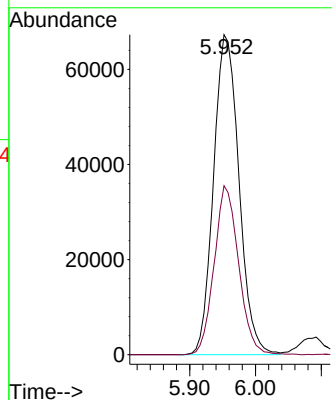
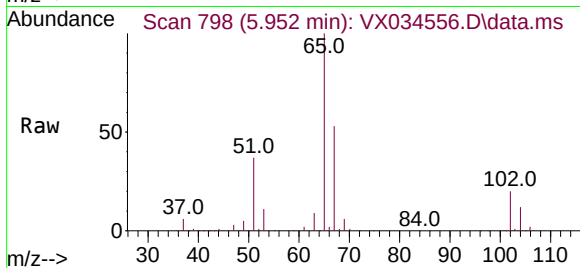
#33
1,2-Dichloroethane-d4
Concen: 48.314 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD

Tgt Ion: 65 Resp: 181312
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0

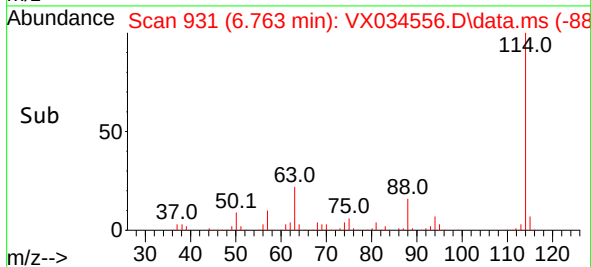
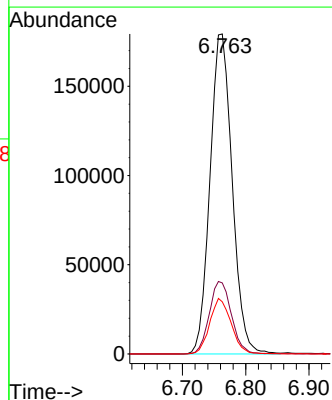
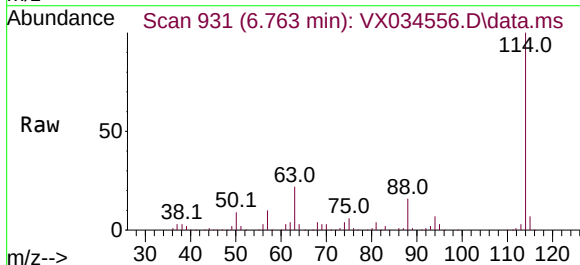
Manual Integrations
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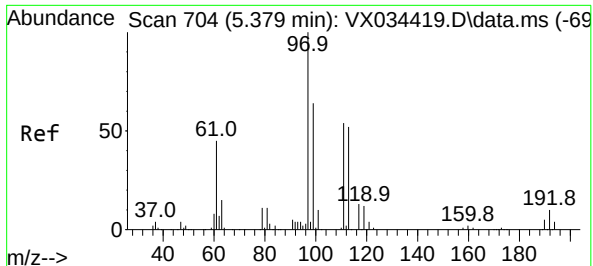
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion:114 Resp: 436866
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.815 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:113 Resp: 13503

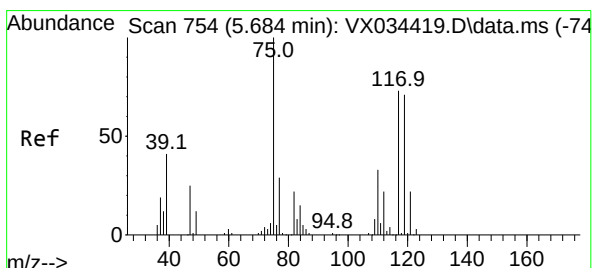
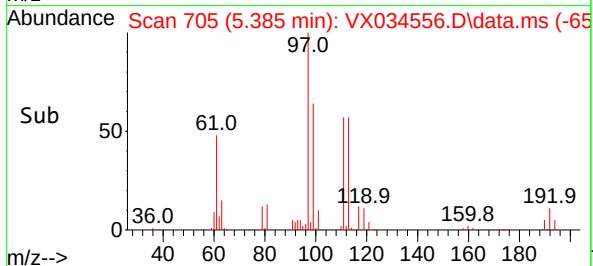
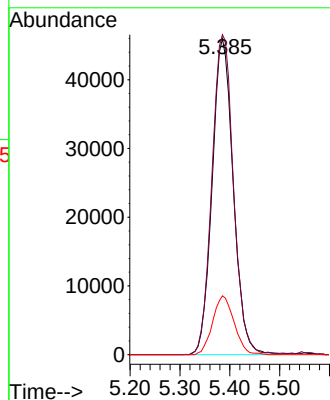
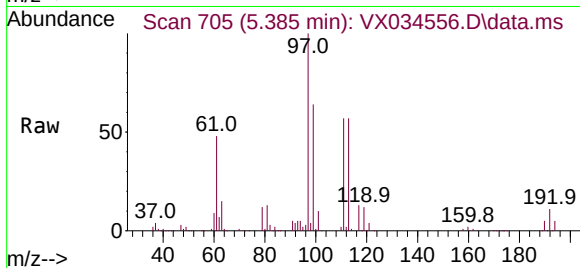
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.7	125.5
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#36

1,1-Dichloropropene

Concen: 47.852 ug/l

RT: 5.690 min Scan# 755

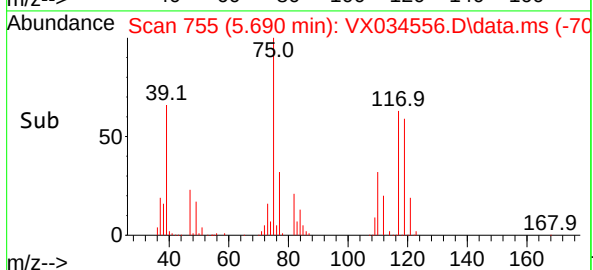
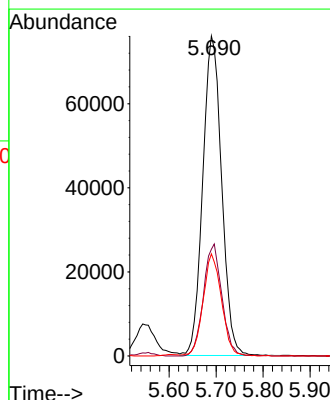
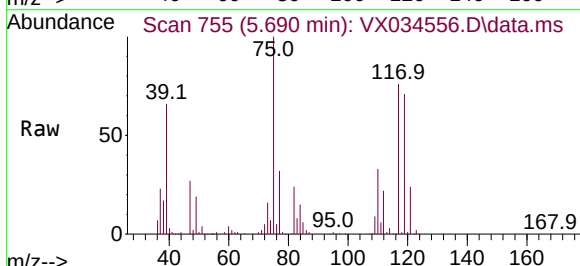
Delta R.T. 0.006 min

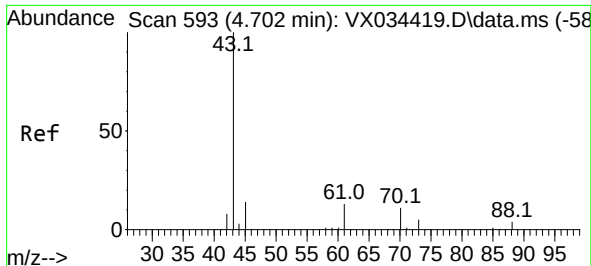
Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Tgt Ion: 75 Resp: 211994

Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.5	52.5
77	31.1	24.3	36.5





#37

Ethyl Acetate

Concen: 48.234 ug/l

RT: 4.715 min Scan# 593

Delta R.T. 0.012 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

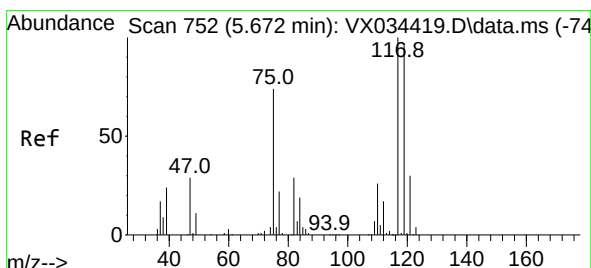
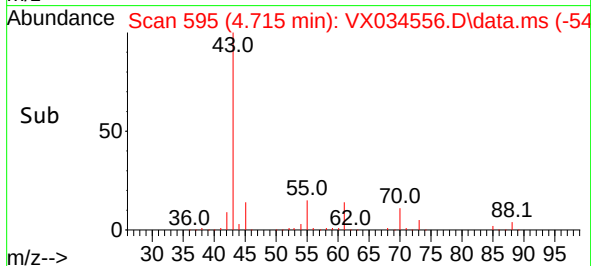
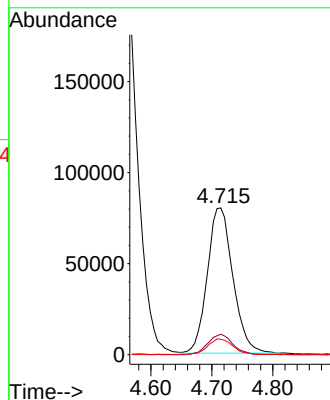
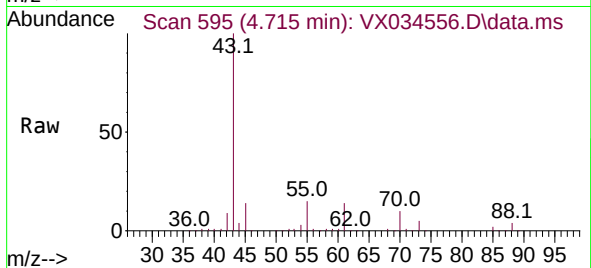
ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 43	Resp: 23344
Ion Ratio	Lower Upper
43	100
61	13.8 10.2 15.4
70	10.7 8.2 12.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38

Carbon Tetrachloride

Concen: 49.285 ug/l

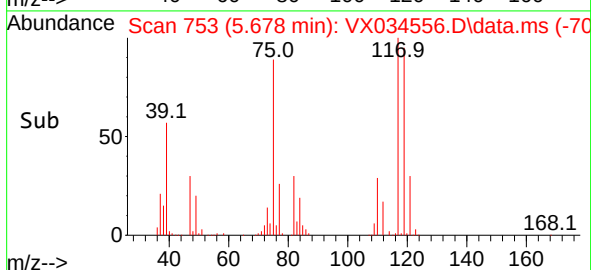
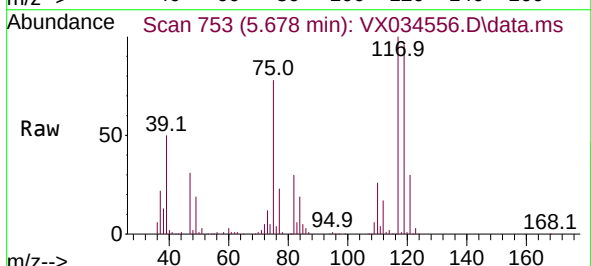
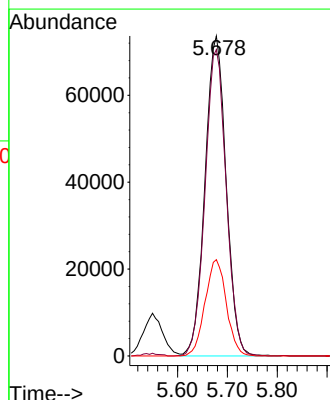
RT: 5.678 min Scan# 753

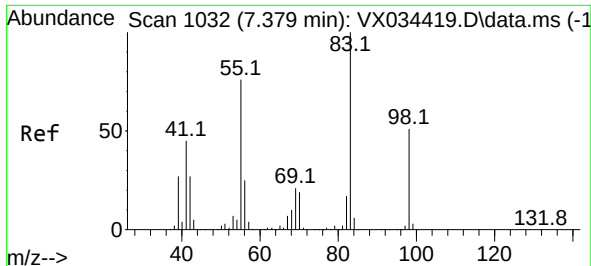
Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

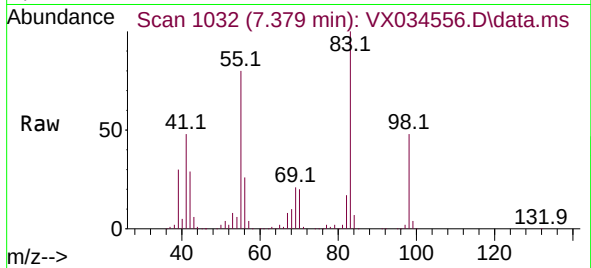
Tgt Ion:117	Resp: 217214
Ion Ratio	Lower Upper
117	100
119	95.7 76.6 114.8
121	30.1 23.8 35.6





#39
Methylcyclohexane
Concen: 45.527 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

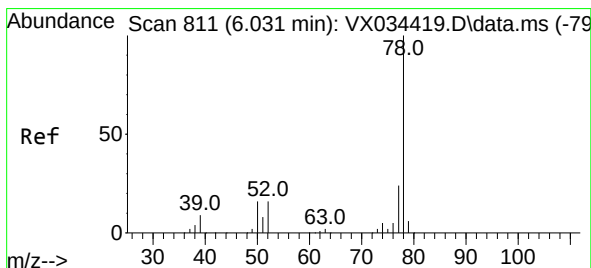
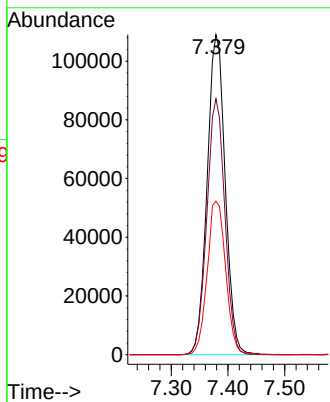
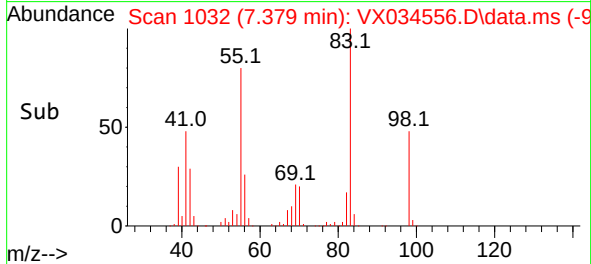
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 83 Resp: 241374
Ion Ratio Lower Upper
83 100
55 80.0 60.5 90.7
98 47.9 40.4 60.6

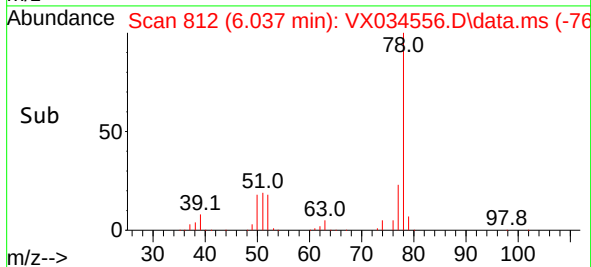
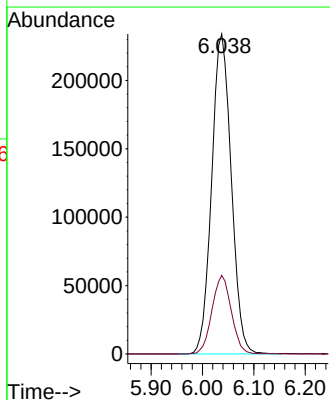
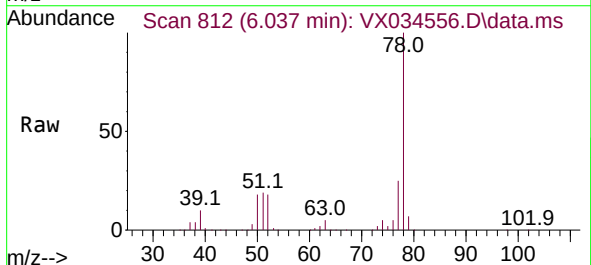
Manual Integrations
APPROVED

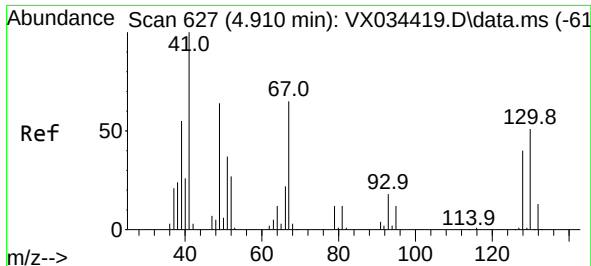
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#40
Benzene
Concen: 47.708 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

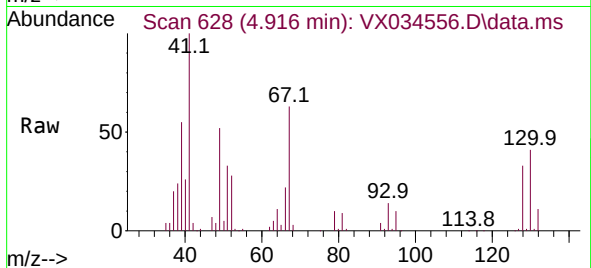
Tgt Ion: 78 Resp: 618304
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.4





#41
Methacrylonitrile
Concen: 52.383 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

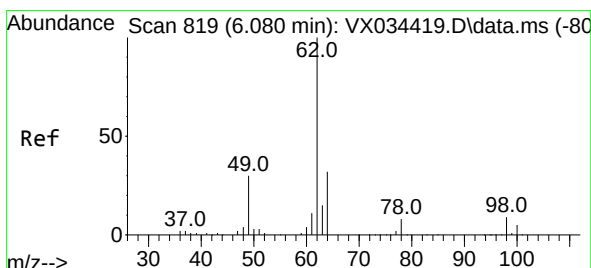
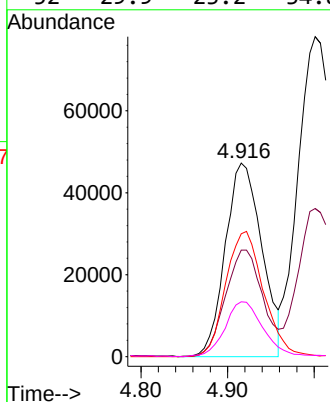
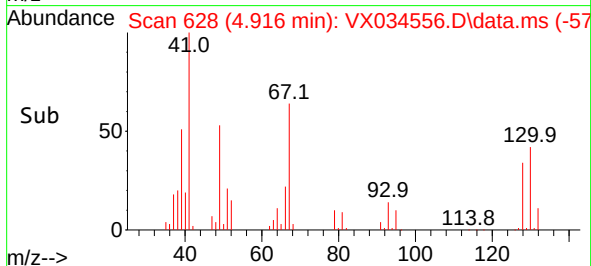
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 41 Resp: 13894
Ion Ratio Lower Upper
41 100
39 56.1 45.0 67.6
67 67.1 55.6 83.4
52 29.9 23.2 34.8

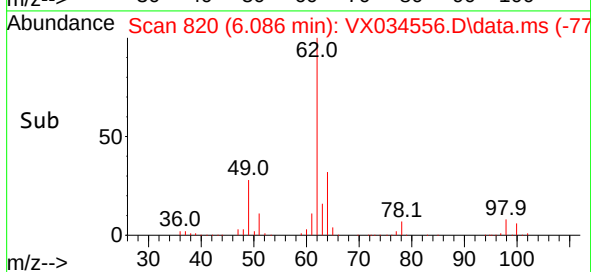
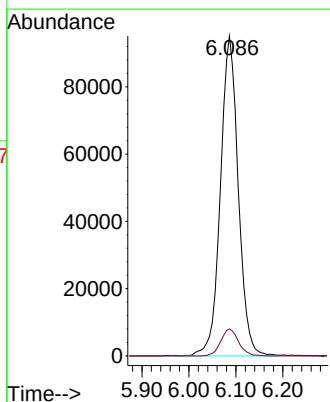
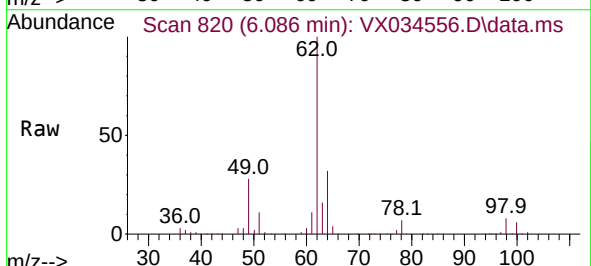
Manual Integrations
APPROVED

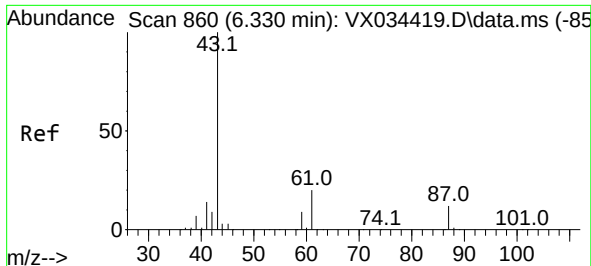
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
1,2-Dichloroethane
Concen: 52.819 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion: 62 Resp: 251581
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 49.891 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 43 Resp: 40906

Ion Ratio Lower Upper

43 100

61 18.9 15.2 22.8

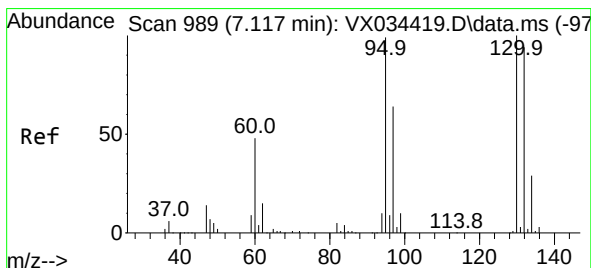
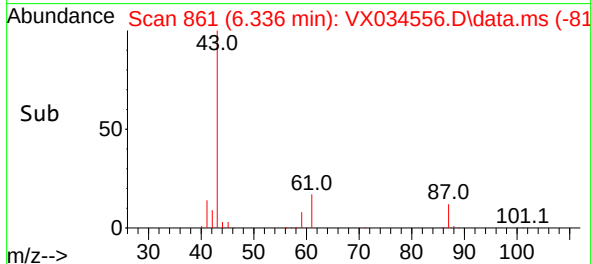
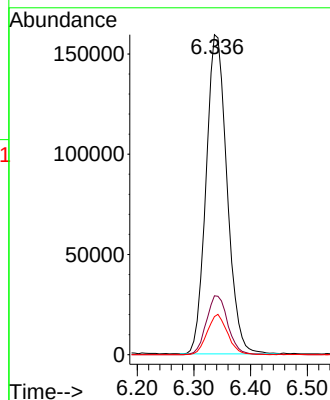
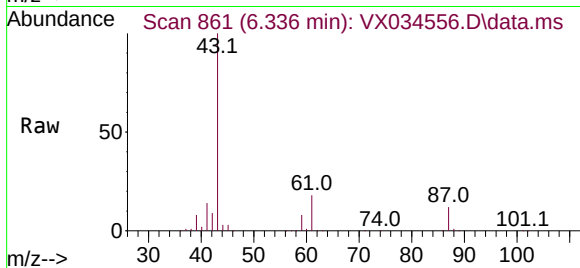
87 12.2 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#44

Trichloroethene

Concen: 423.437 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX034556.D

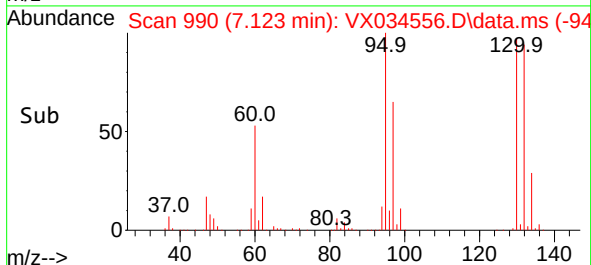
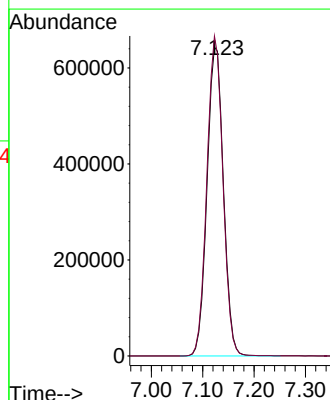
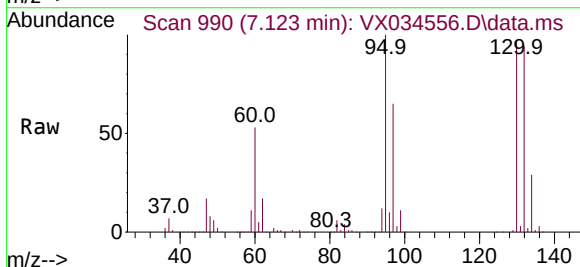
Acq: 16 Mar 2023 19:20

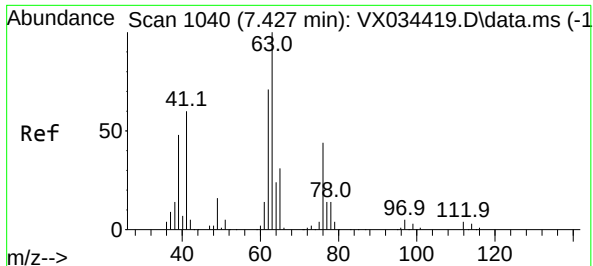
Tgt Ion:130 Resp: 1425875

Ion Ratio Lower Upper

130 100

95 103.6 0.0 198.4





#45

1,2-Dichloropropane

Concen: 49.147 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 63 Resp: 16631

Ion Ratio Lower Upper

63 100

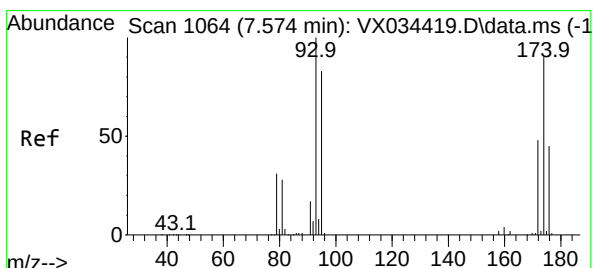
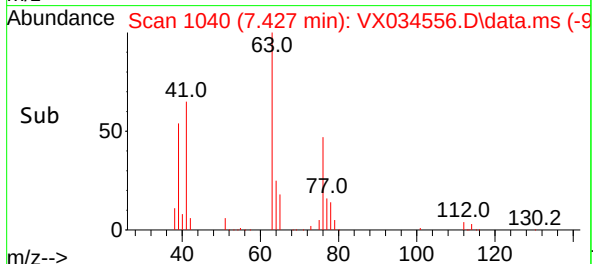
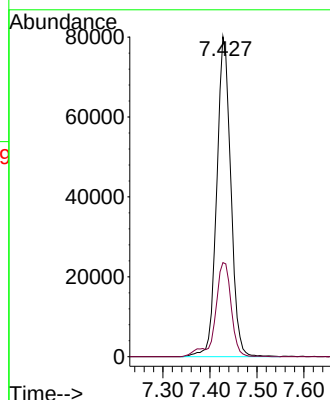
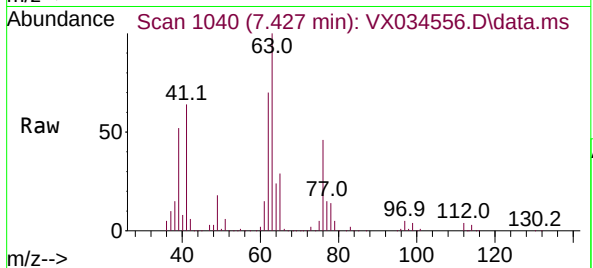
65 29.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#46

Dibromomethane

Concen: 49.154 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

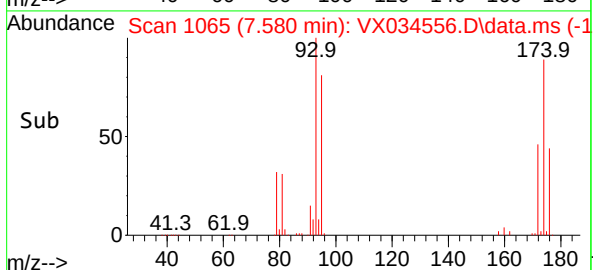
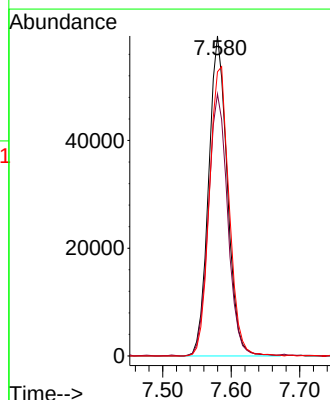
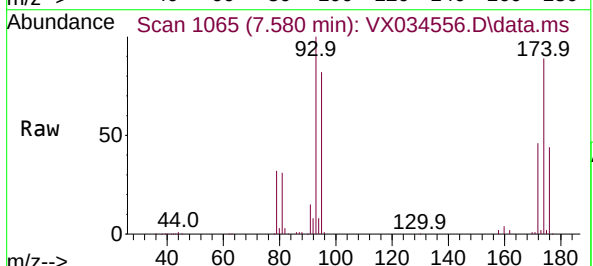
Tgt Ion: 93 Resp: 113084

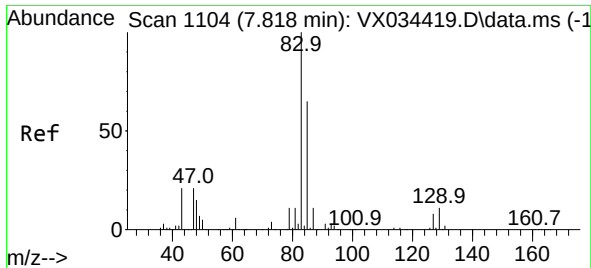
Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

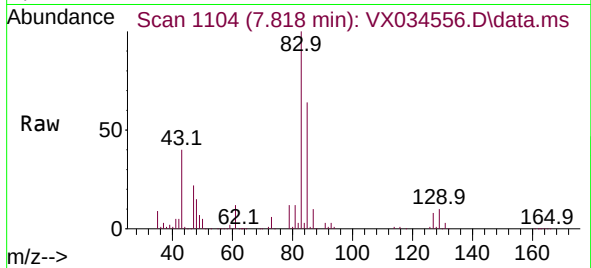
174 94.6 75.4 113.0





#47
Bromodichloromethane
Concen: 51.300 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

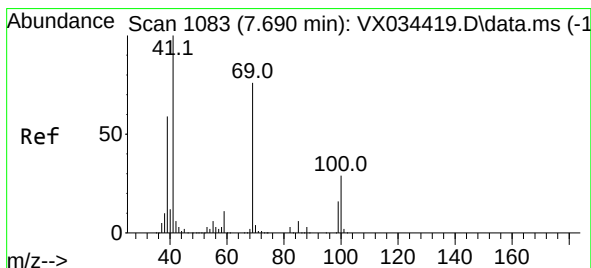
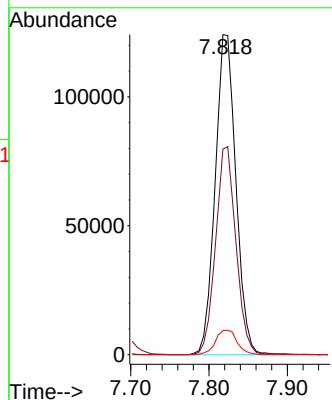
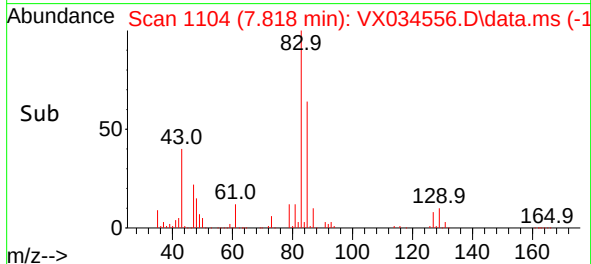
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 83 Resp: 228415
Ion Ratio Lower Upper
83 100
85 64.3 52.2 78.4
127 7.5 6.6 9.8

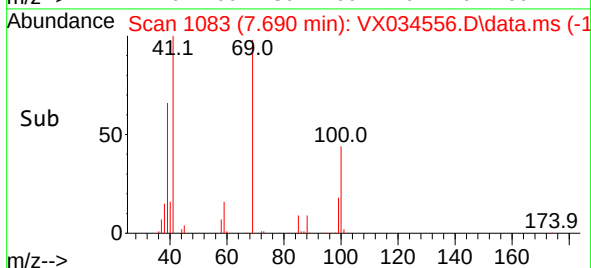
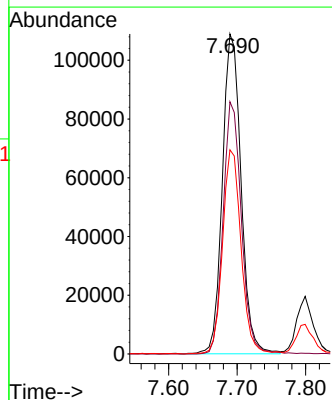
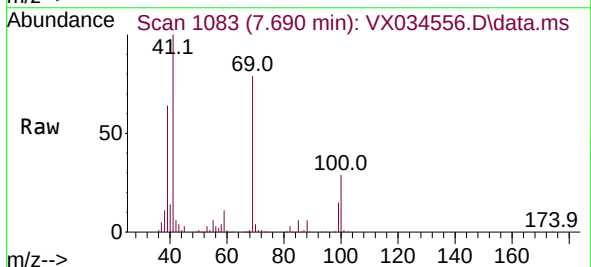
Manual Integrations
APPROVED

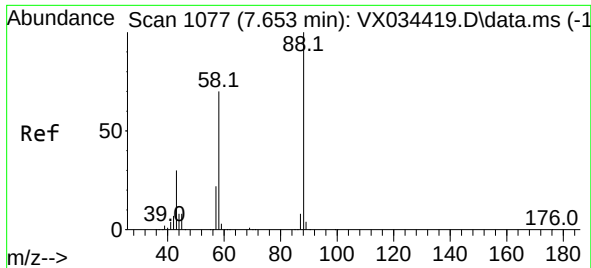
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#48
Methyl methacrylate
Concen: 52.197 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion: 41 Resp: 205832
Ion Ratio Lower Upper
41 100
69 77.0 62.2 93.4
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1217.102 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 88 Resp: 100807

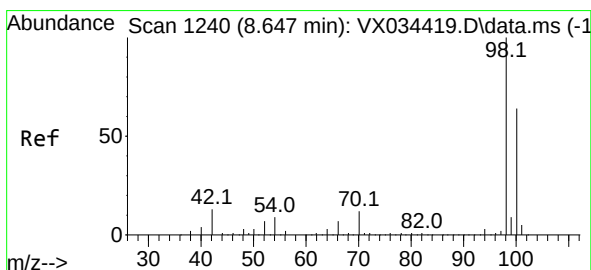
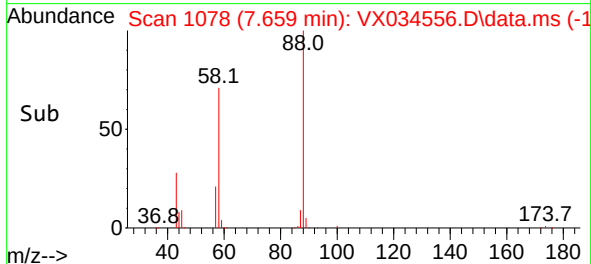
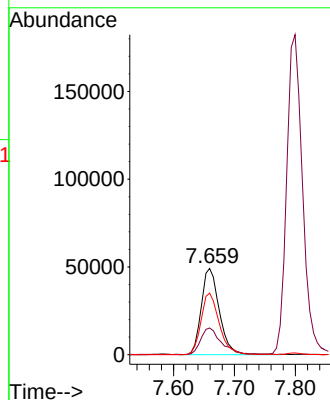
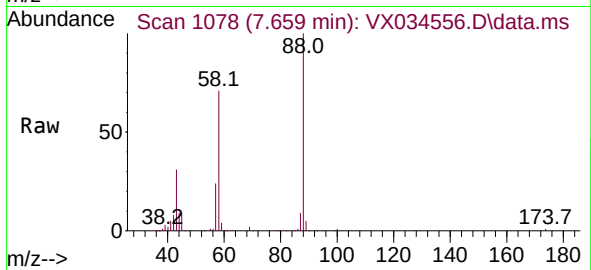
Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.7	41.5
58	72.0	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#50

Toluene-d8

Concen: 46.234 ug/l

RT: 8.647 min Scan# 1240

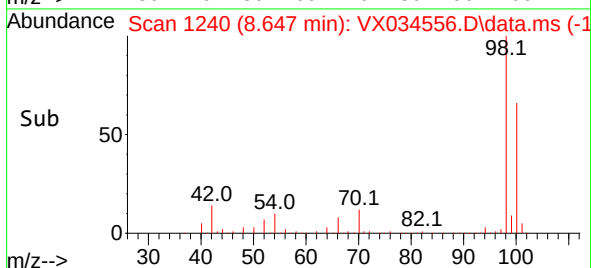
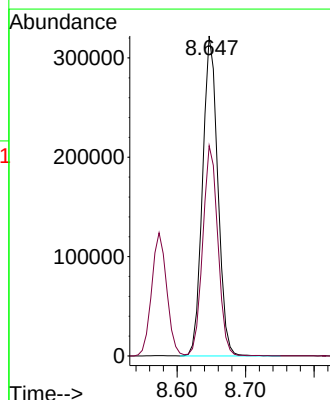
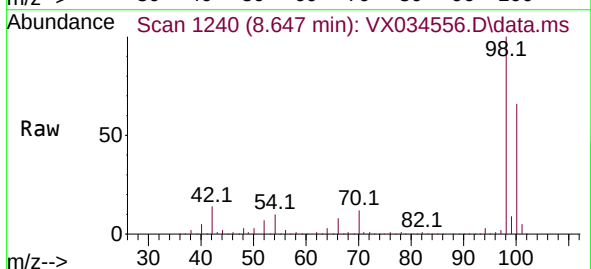
Delta R.T. 0.000 min

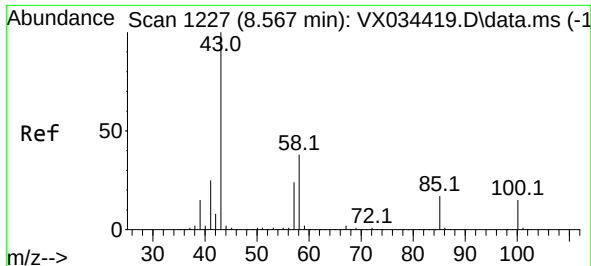
Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Tgt Ion: 98 Resp: 497828

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7





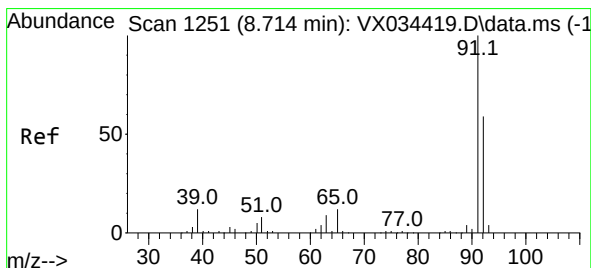
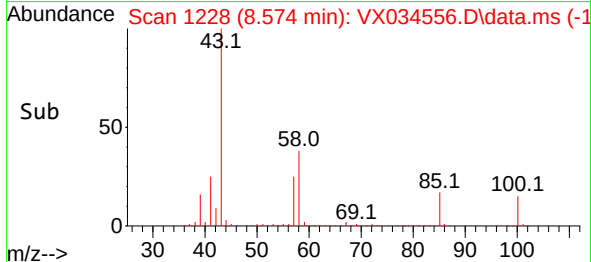
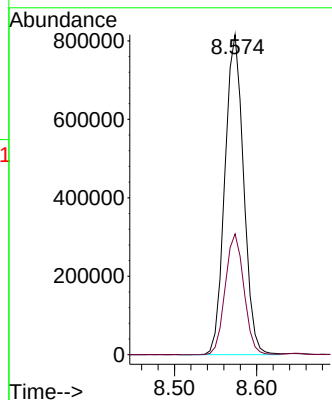
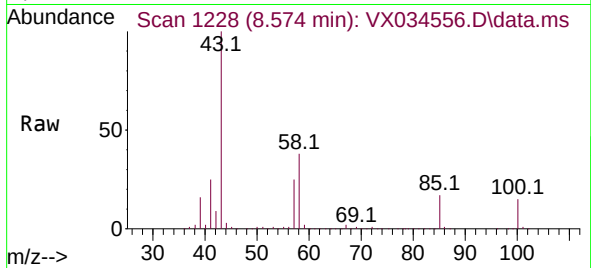
#51
4-Methyl-2-Pentanone
Concen: 271.325 ug/l
RT: 8.574 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD

Tgt Ion: 43 Resp: 1290530
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

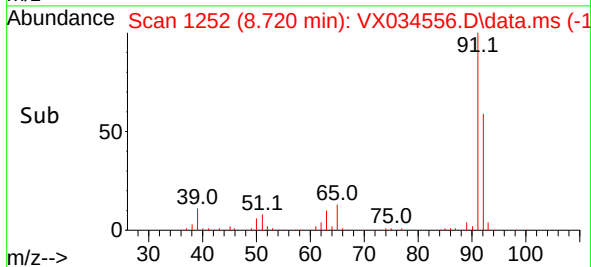
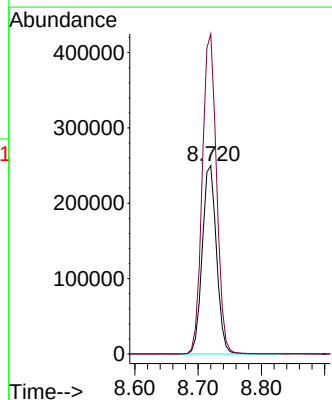
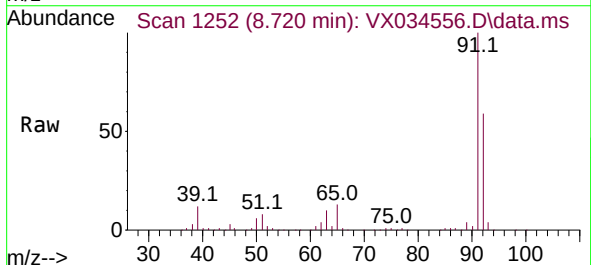
Manual Integrations
APPROVED

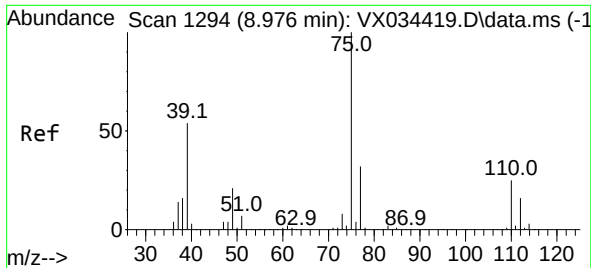
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Toluene
Concen: 48.844 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion: 92 Resp: 391914
Ion Ratio Lower Upper
92 100
91 170.7 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 48.872 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 75 Resp: 245150

Ion Ratio Lower Upper

75 100

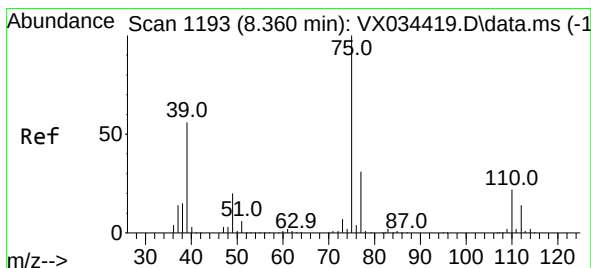
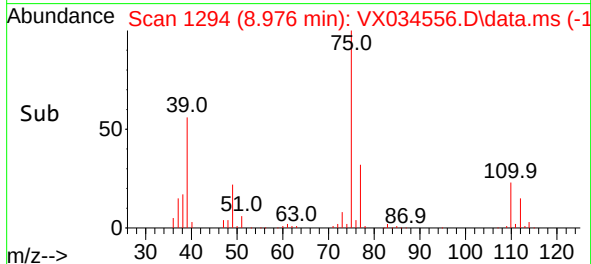
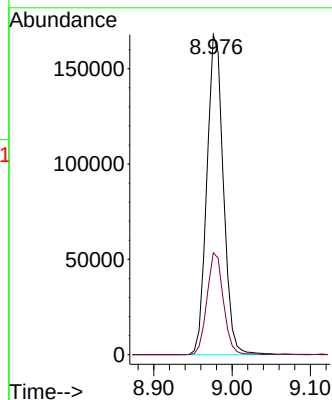
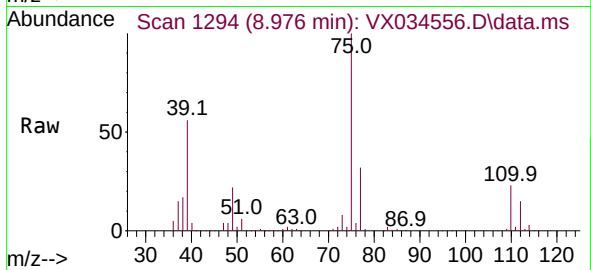
77 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#54

cis-1,3-Dichloropropene

Concen: 47.477 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

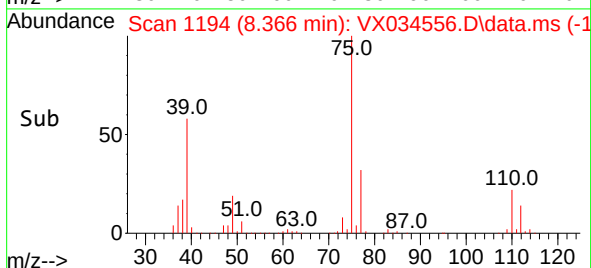
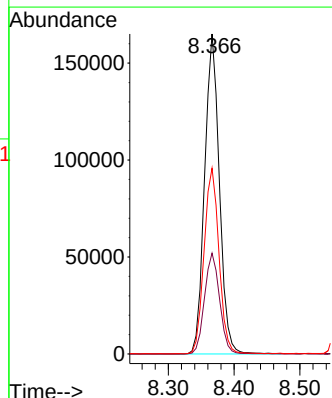
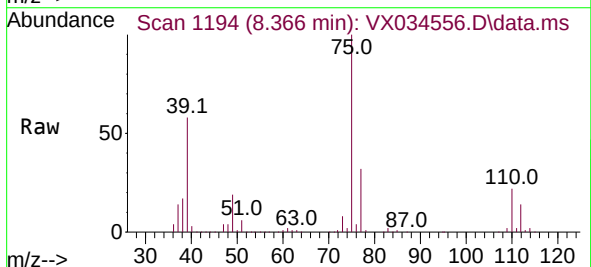
Tgt Ion: 75 Resp: 257661

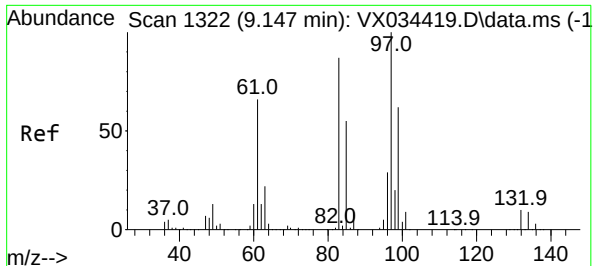
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

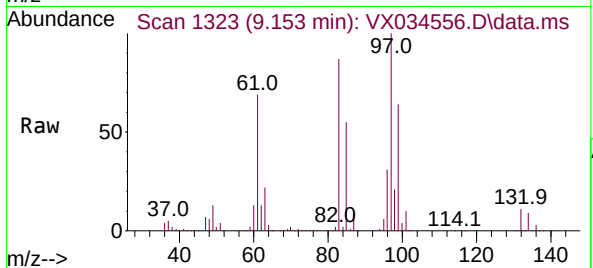
39 58.0 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 51.888 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

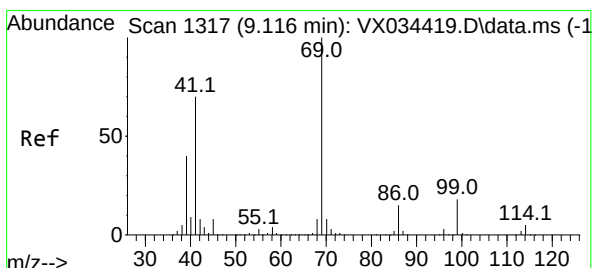
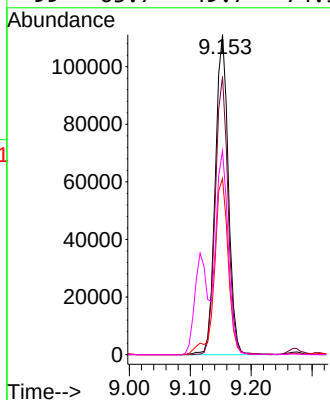
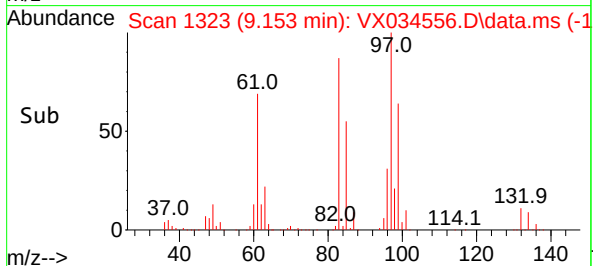
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



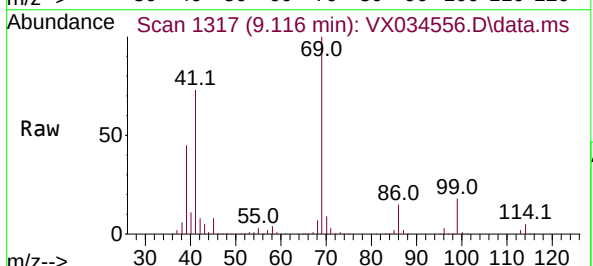
Tgt Ion: 97 Resp: 165230
Ion Ratio Lower Upper
97 100
83 86.9 69.7 104.5
85 55.1 43.7 65.5
99 63.7 49.7 74.5

Manual Integrations
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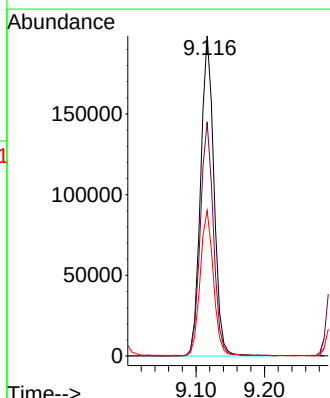
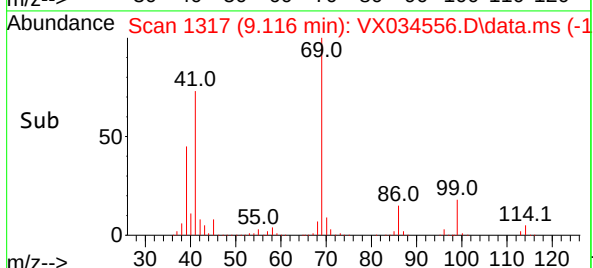
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

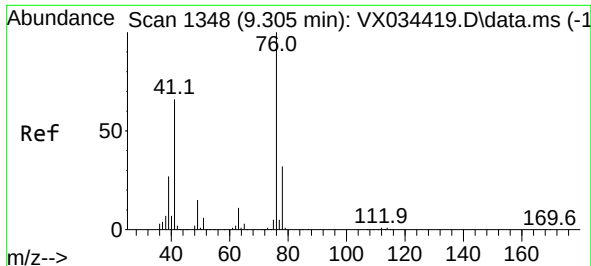


#56
Ethyl methacrylate
Concen: 51.354 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



Tgt Ion: 69 Resp: 268496
Ion Ratio Lower Upper
69 100
41 73.0 57.4 86.0
39 45.2 33.7 50.5





#57

1,3-Dichloropropane

Concen: 50.240 ug/l

RT: 9.305 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion: 76 Resp: 28433

Ion Ratio Lower Upper

76 100

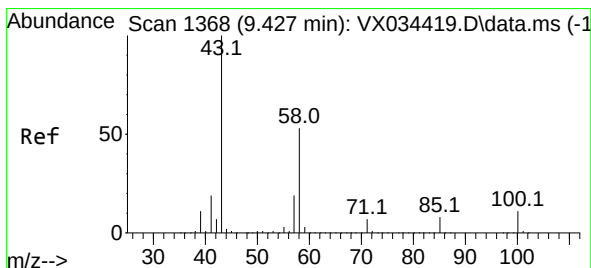
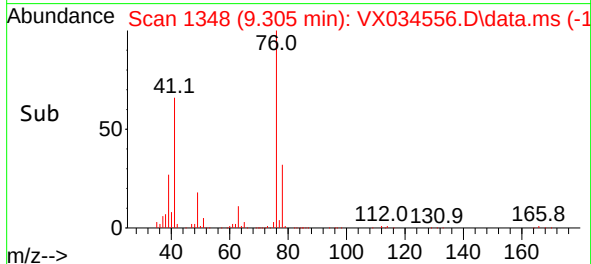
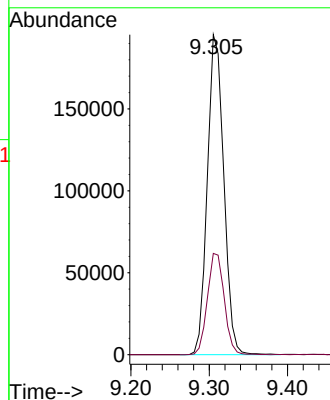
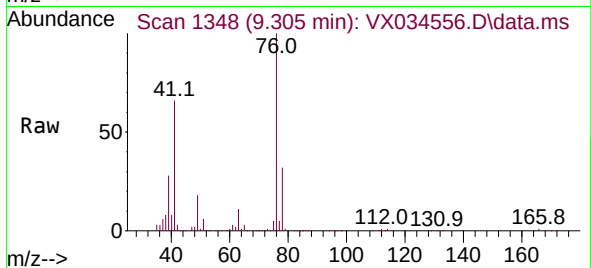
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#59

2-Hexanone

Concen: 271.876 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034556.D

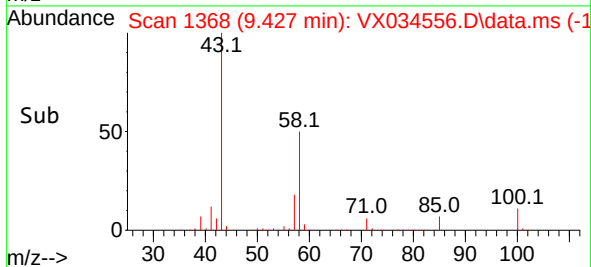
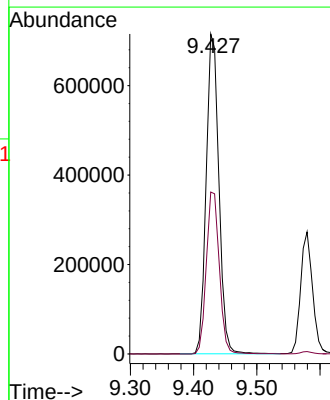
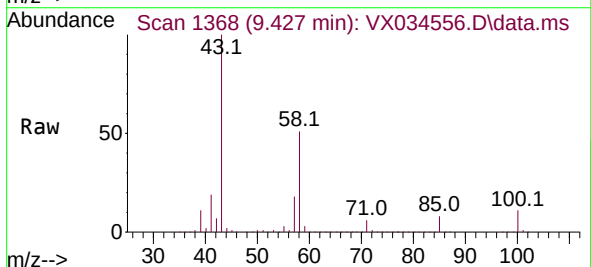
Acq: 16 Mar 2023 19:20

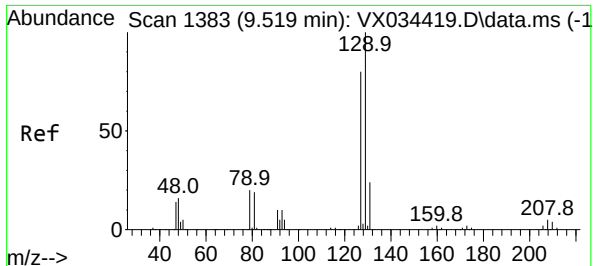
Tgt Ion: 43 Resp: 999628

Ion Ratio Lower Upper

43 100

58 52.0 26.3 78.9





#60

Dibromochloromethane

Concen: 50.898 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:129 Resp: 169984

Ion Ratio Lower Upper

129 100

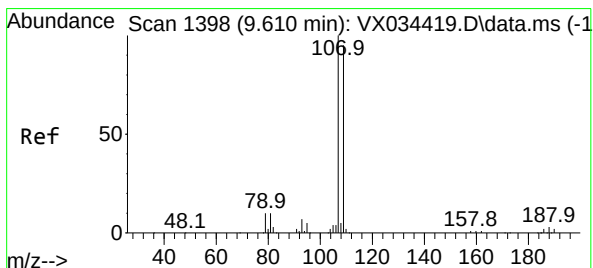
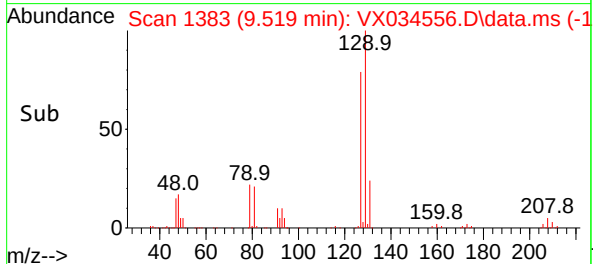
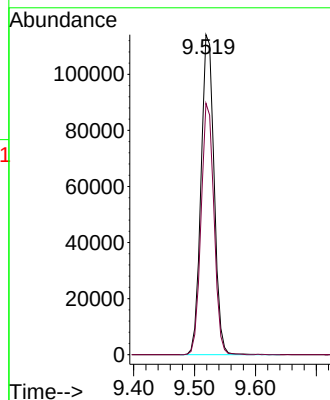
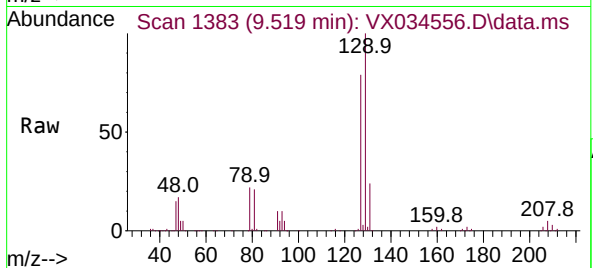
127 77.5 39.0 117.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#61

1,2-Dibromoethane

Concen: 50.285 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034556.D

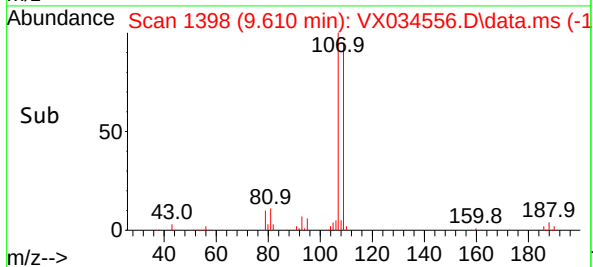
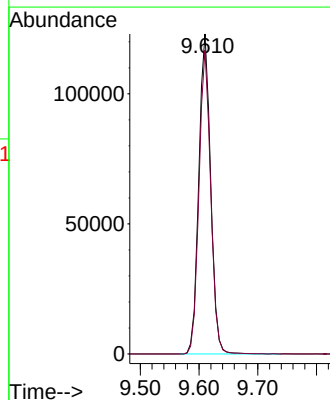
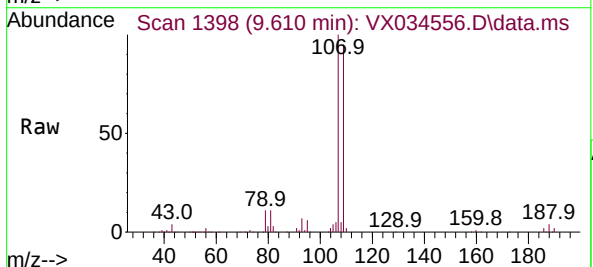
Acq: 16 Mar 2023 19:20

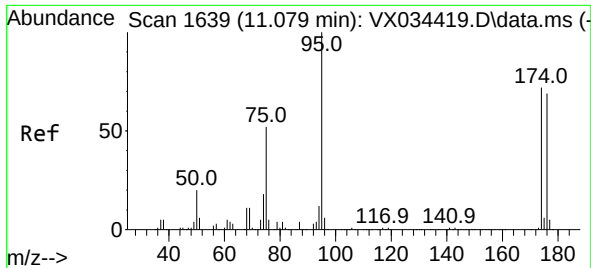
Tgt Ion:107 Resp: 172792

Ion Ratio Lower Upper

107 100

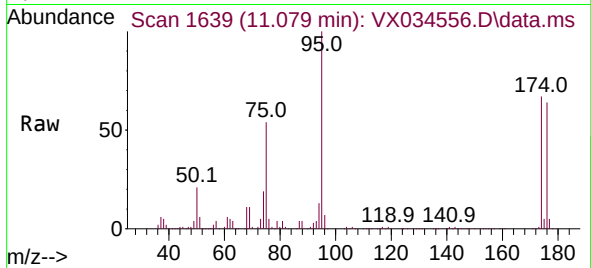
109 93.6 75.3 112.9





#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

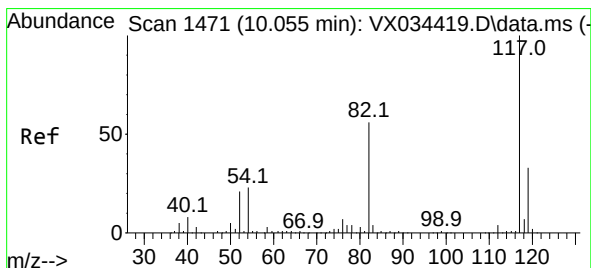
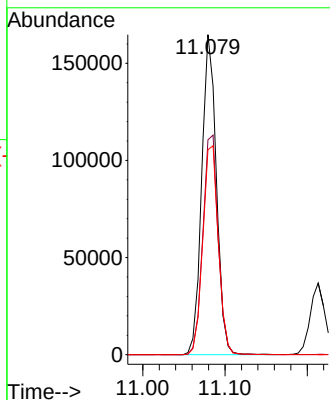
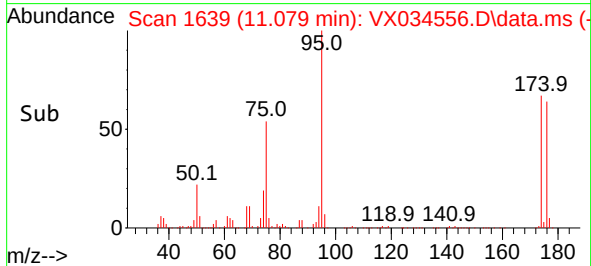
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



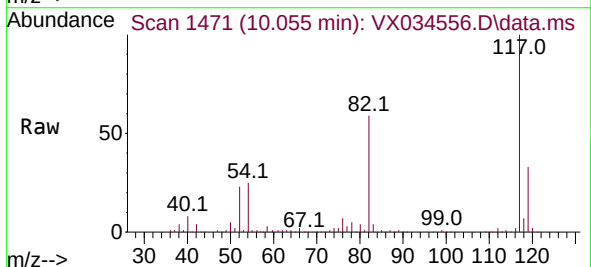
Tgt Ion: 95 Resp: 20400
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.3 0.0 140.6

Manual Integrations
APPROVED

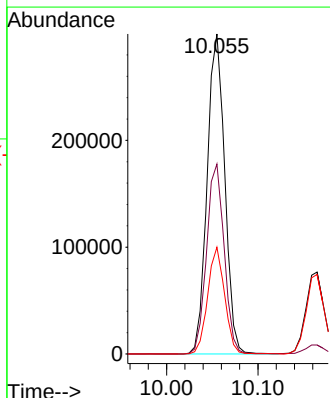
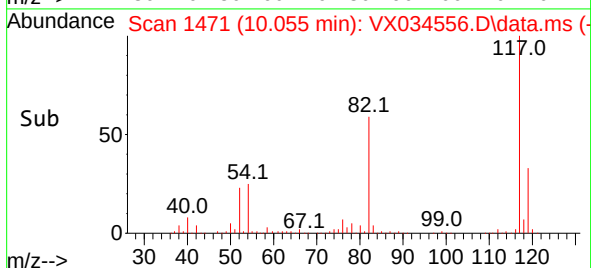
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

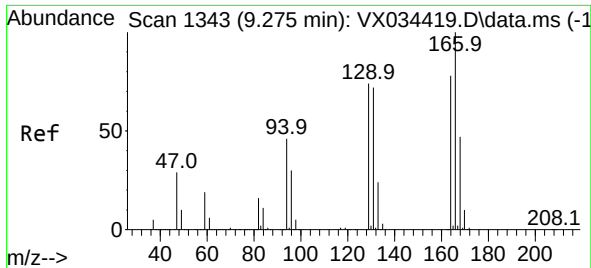


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



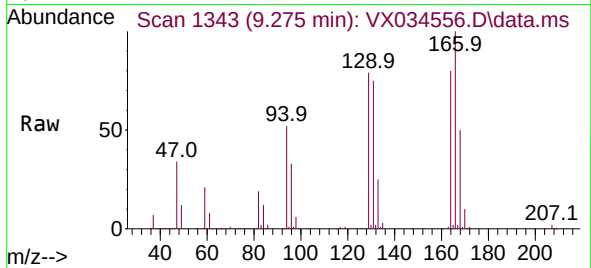
Tgt Ion:117 Resp: 399915
Ion Ratio Lower Upper
117 100
82 59.3 45.0 67.4
119 33.3 26.0 39.0





#64
Tetrachloroethene
Concen: 48.132 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

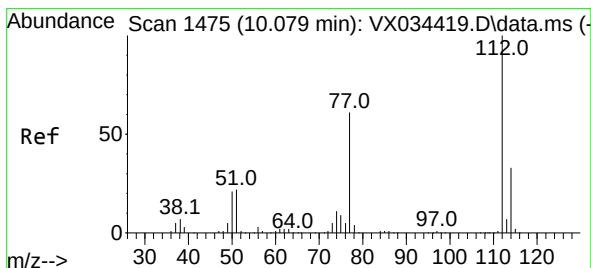
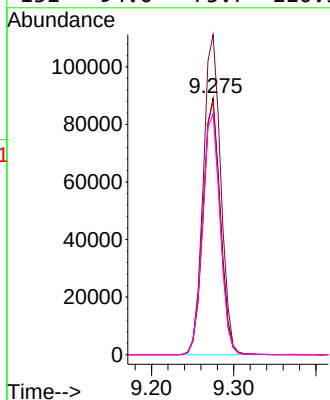
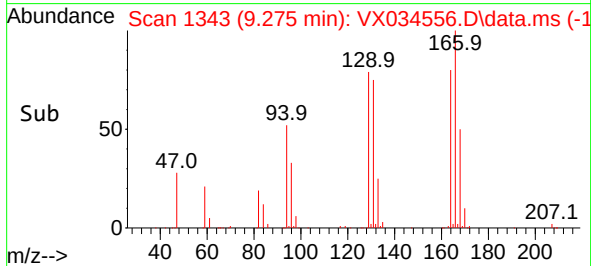
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion:164 Resp: 129300
Ion Ratio Lower Upper
164 100
166 124.8 102.7 154.1
129 98.7 75.6 113.4
131 94.0 73.7 110.5

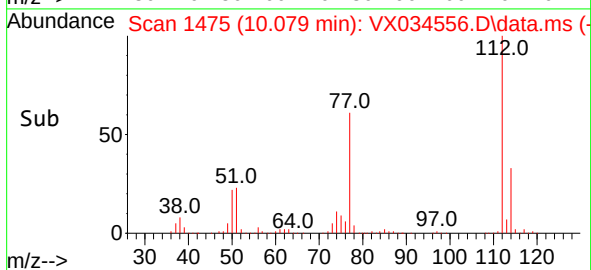
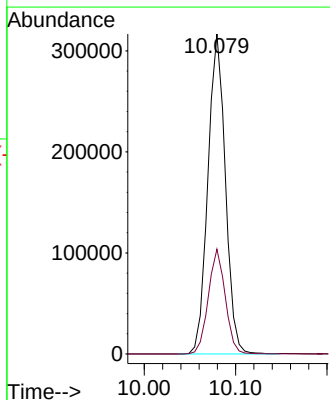
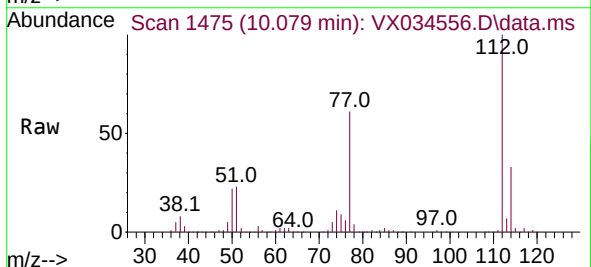
Manual Integrations
APPROVED

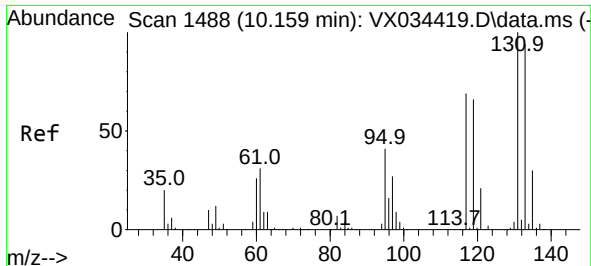
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#65
Chlorobenzene
Concen: 47.883 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

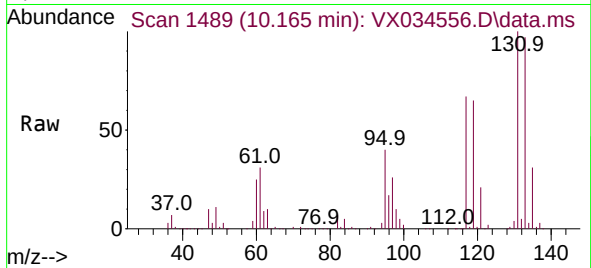
Tgt Ion:112 Resp: 420143
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 49.131 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

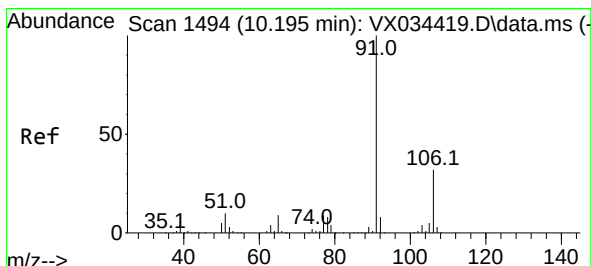
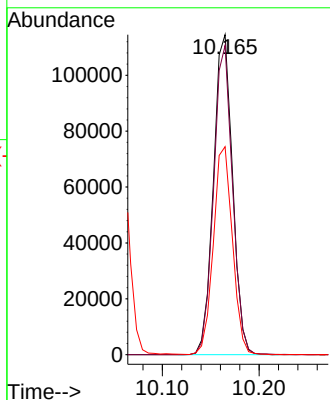
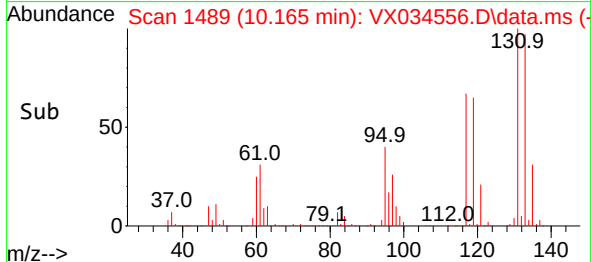
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion:131 Resp: 15701
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 65.0 32.6 98.0

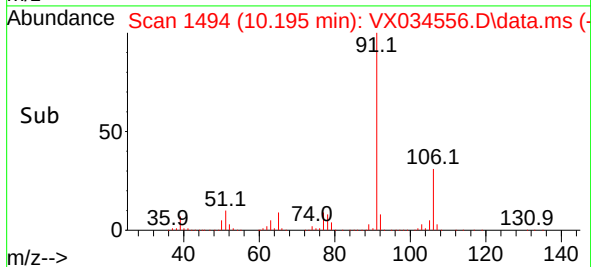
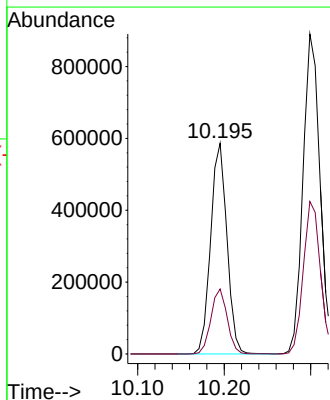
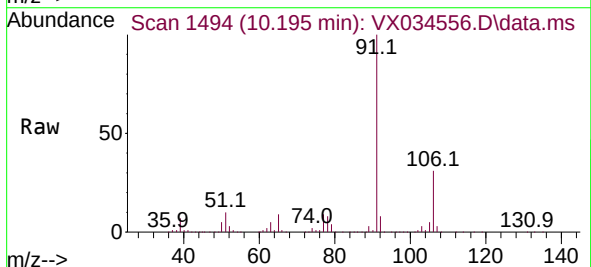
Manual Integrations
APPROVED

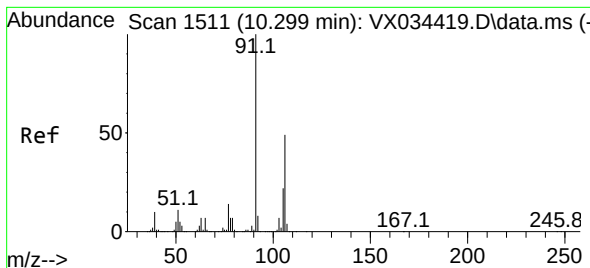
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#67
Ethyl Benzene
Concen: 48.843 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

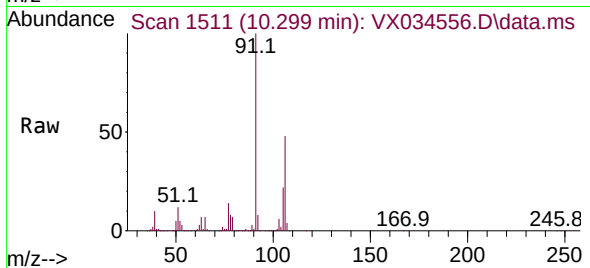
Tgt Ion: 91 Resp: 767233
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4





#68
m/p-Xylenes
Concen: 96.145 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

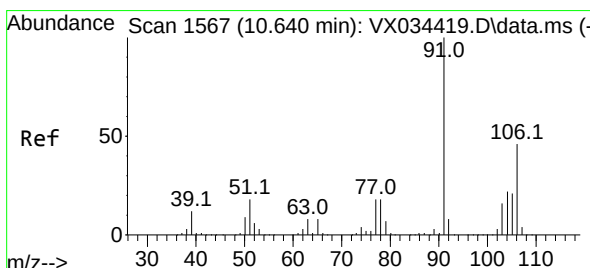
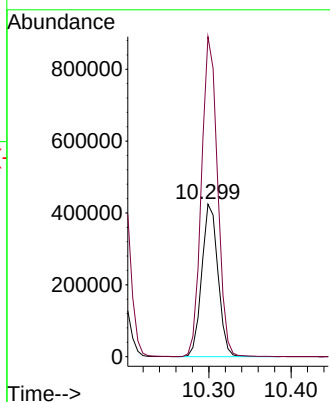
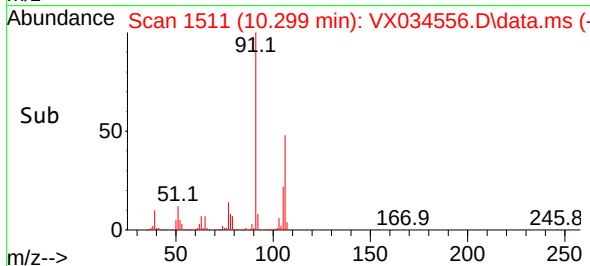
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



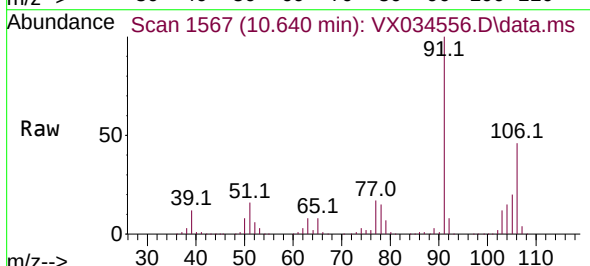
Tgt Ion:106 Resp: 580160
Ion Ratio Lower Upper
106 100
91 208.5 164.0 246.0

Manual Integrations
APPROVED

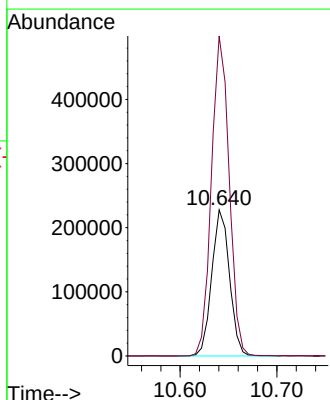
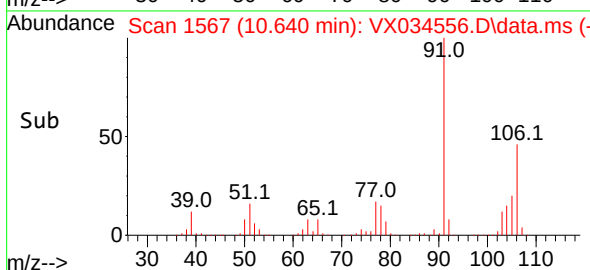
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

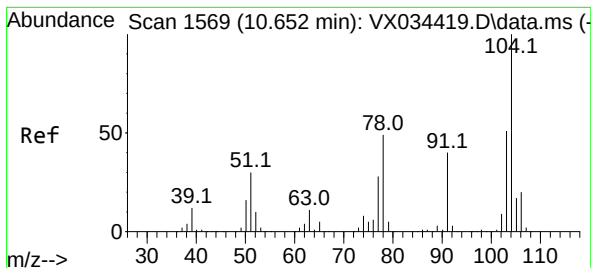


#69
o-Xylene
Concen: 47.954 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



Tgt Ion:106 Resp: 290388
Ion Ratio Lower Upper
106 100
91 219.5 108.5 325.3





#70

Styrene

Concen: 49.949 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

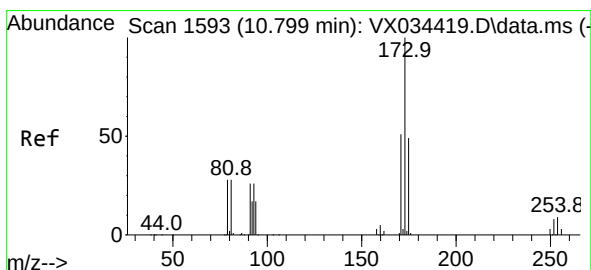
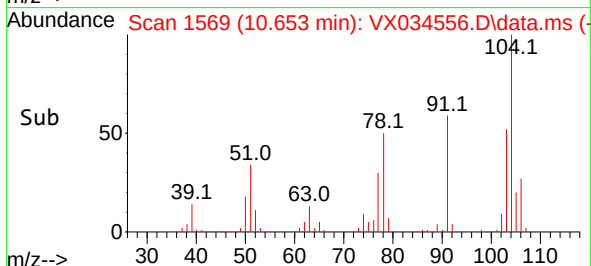
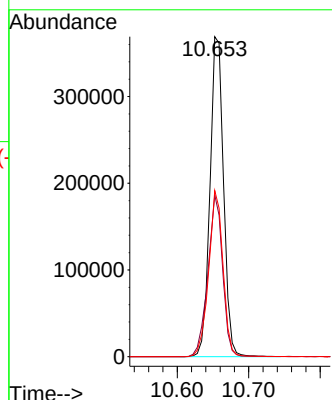
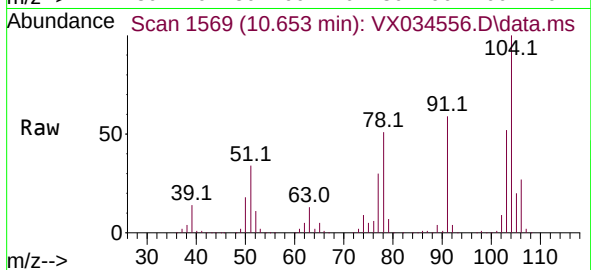
ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:	104	Resp:	488000
Ion Ratio	Lower	Upper	
104	100		
78	54.6	43.4	65.2
103	54.6	44.2	66.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#71

Bromoform

Concen: 48.038 ug/l

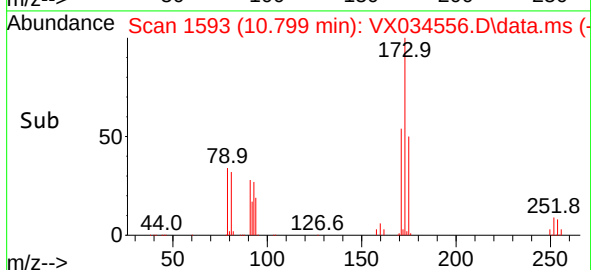
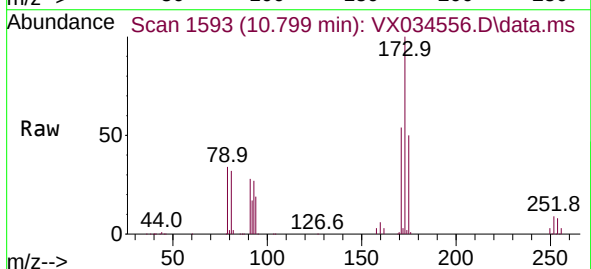
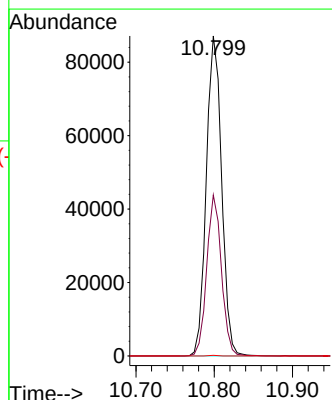
RT: 10.799 min Scan# 1593

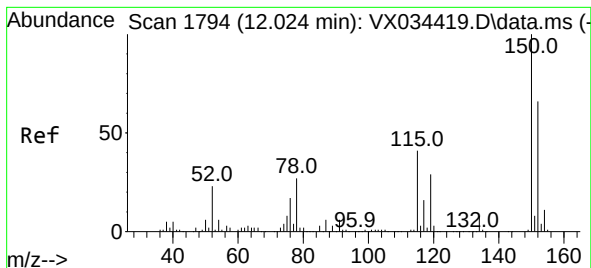
Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

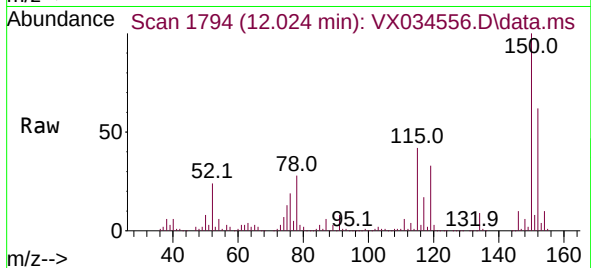
Tgt Ion:	173	Resp:	118171
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

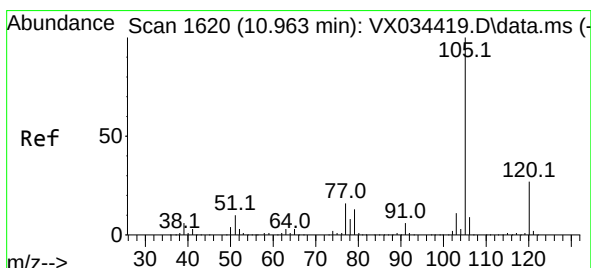
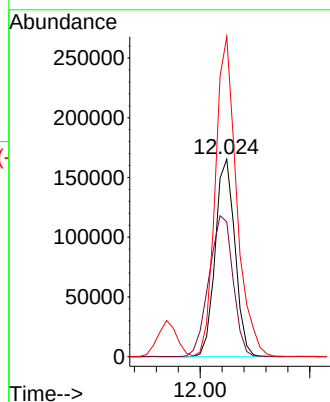
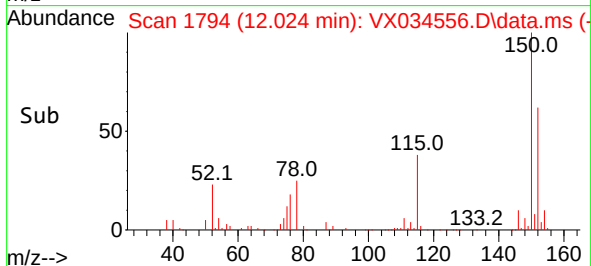
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



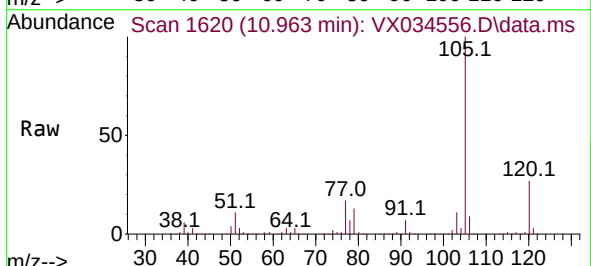
Tgt Ion:152 Resp: 206400
Ion Ratio Lower Upper
152 100
115 87.4 45.0 135.0
150 175.6 0.0 352.4

Manual Integrations
APPROVED

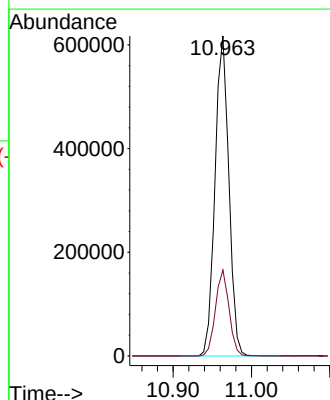
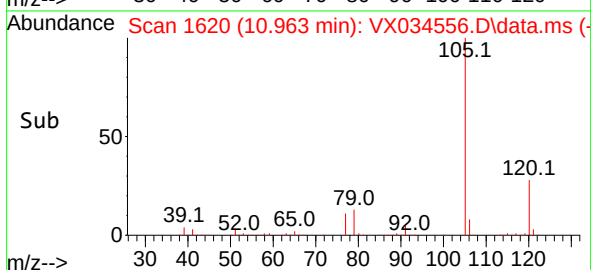
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

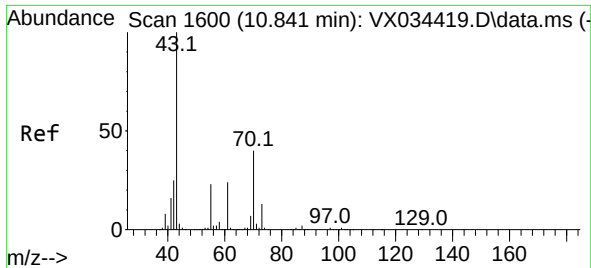


#73
Isopropylbenzene
Concen: 47.477 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



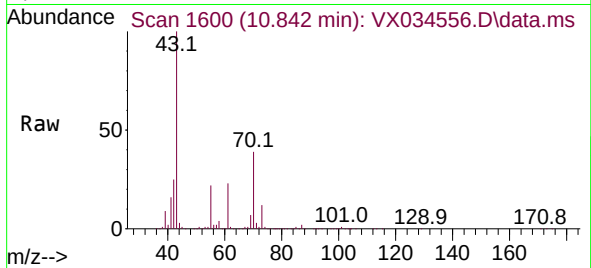
Tgt Ion:105 Resp: 757372
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9





#74
N-amy1 acetate
Concen: 48.187 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

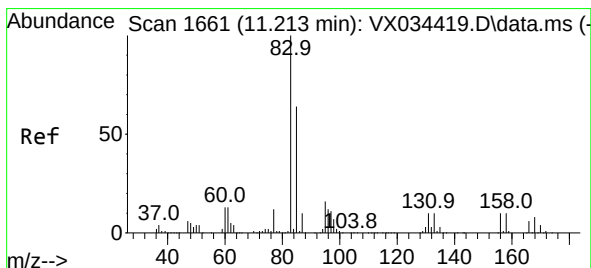
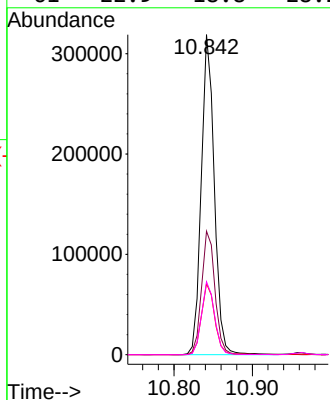
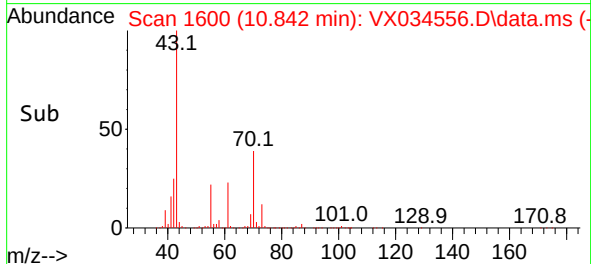
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



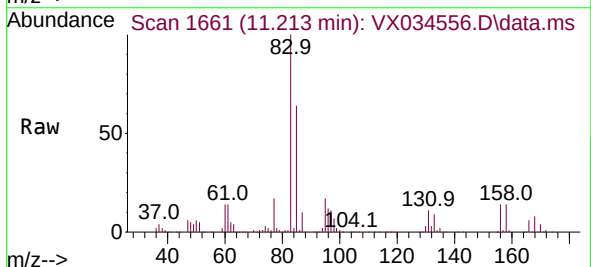
Tgt Ion: 43 Resp: 368184
Ion Ratio Lower Upper
43 100
70 40.0 32.1 48.1
55 22.8 18.3 27.5
61 22.9 18.8 28.2

Manual Integrations
APPROVED

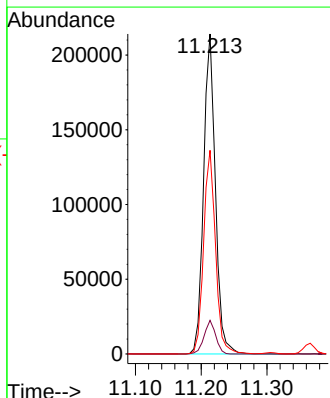
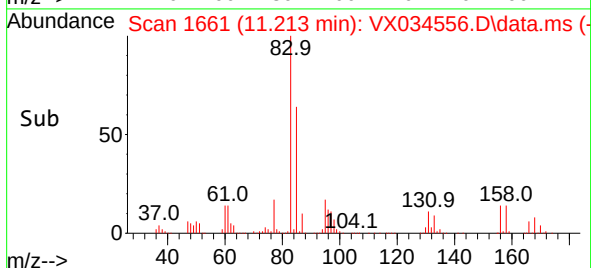
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

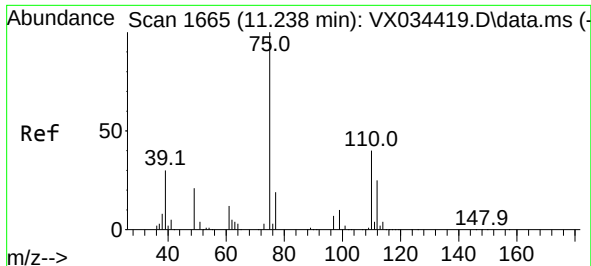


#75
1,1,2,2-Tetrachloroethane
Concen: 50.191 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



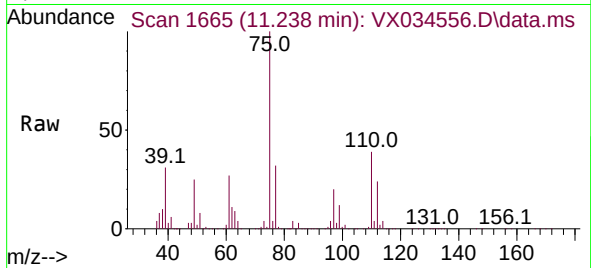
Tgt Ion: 83 Resp: 267182
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.3 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 46.862 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

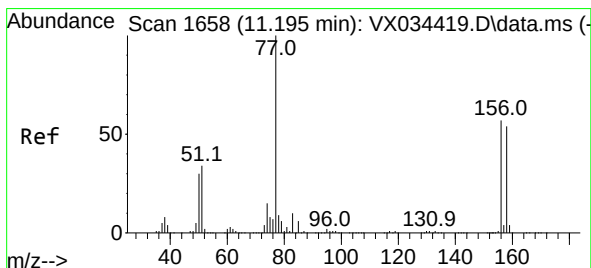
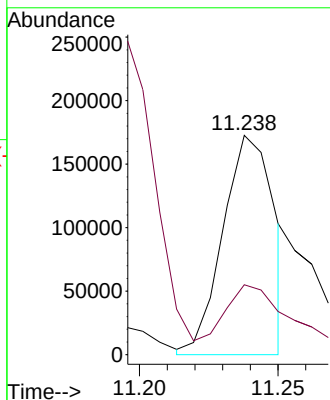
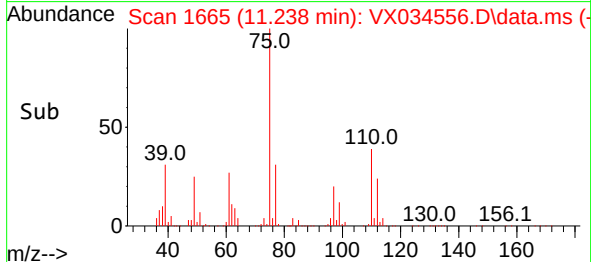
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



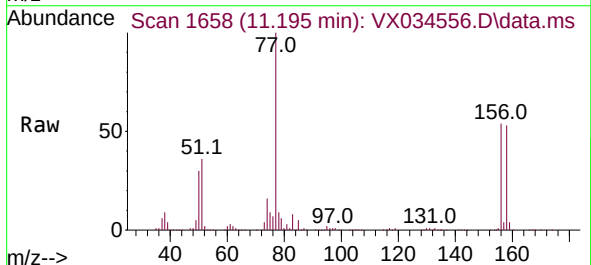
Tgt Ion: 75 Resp: 222089
Ion Ratio Lower Upper
75 100
77 43.0 21.6 64.8

Manual Integrations
APPROVED

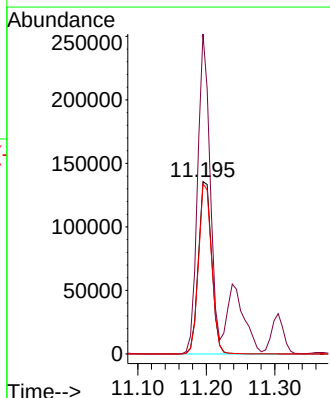
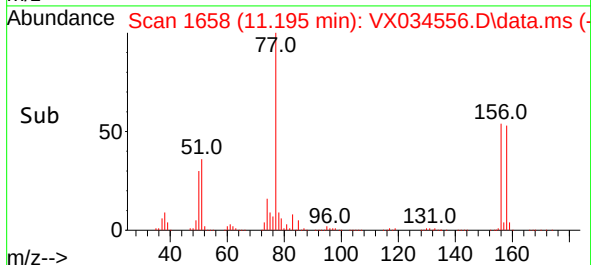
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

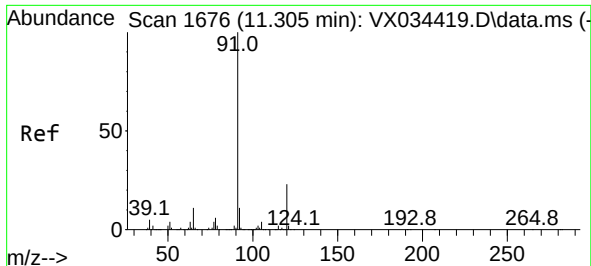


#77
Bromobenzene
Concen: 47.933 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



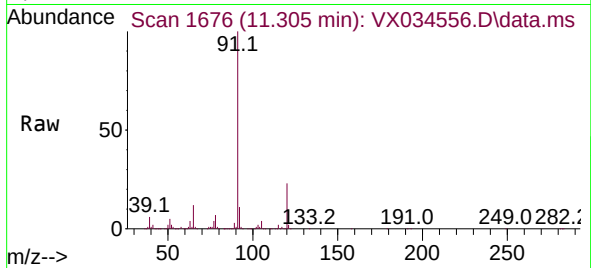
Tgt Ion:156 Resp: 183457
Ion Ratio Lower Upper
156 100
77 173.9 86.7 259.9
158 97.4 48.0 144.0





#78
n-propylbenzene
Concen: 48.816 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

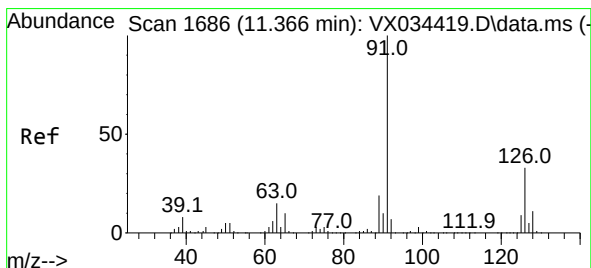
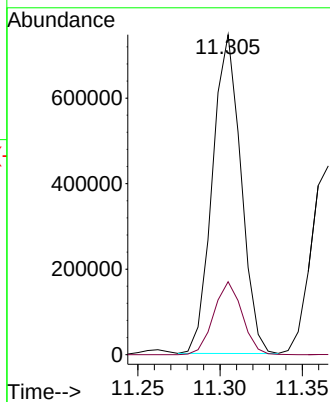
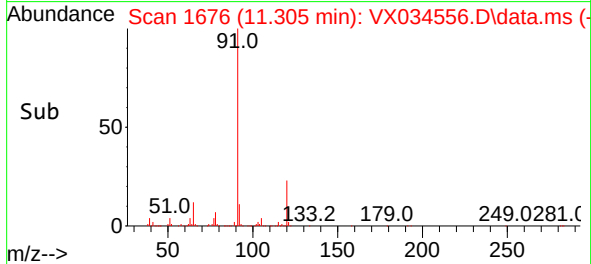
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



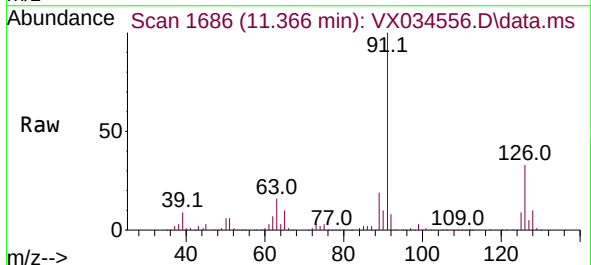
Tgt Ion: 91 Resp: 89935
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.5

Manual Integrations
APPROVED

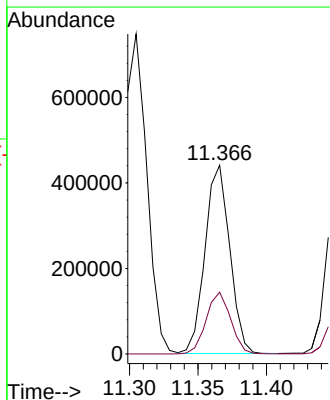
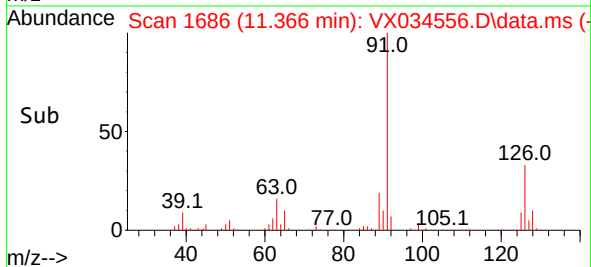
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

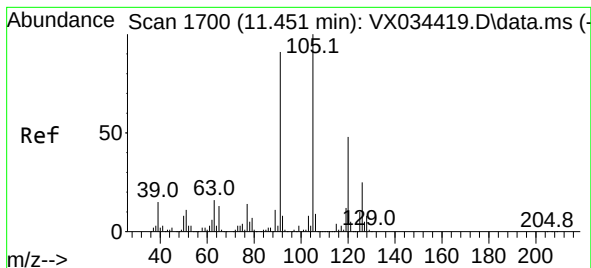


#79
2-Chlorotoluene
Concen: 48.594 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



Tgt Ion: 91 Resp: 552912
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 48.942 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:105 Resp: 654860

Ion Ratio Lower Upper

105 100

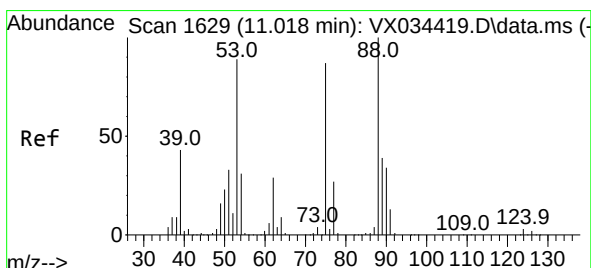
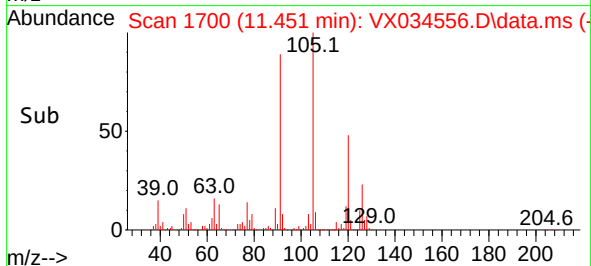
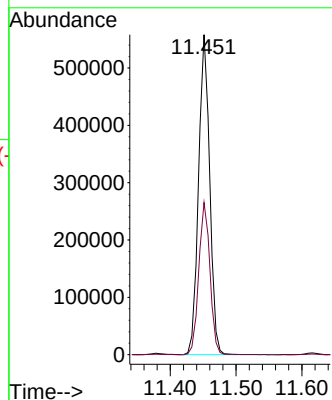
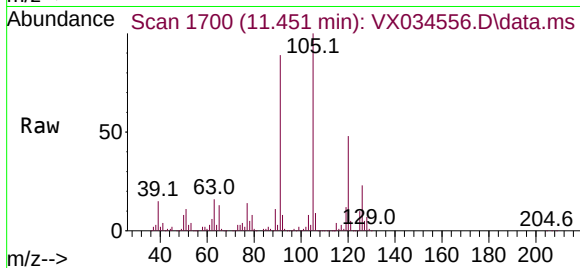
120 47.9 23.7 71.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 44.030 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

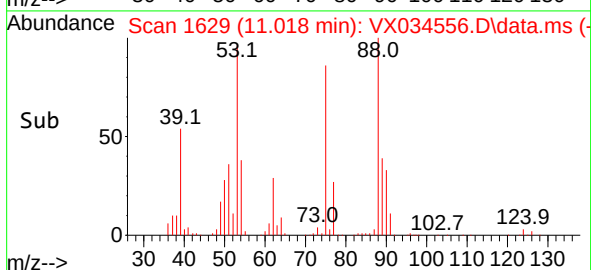
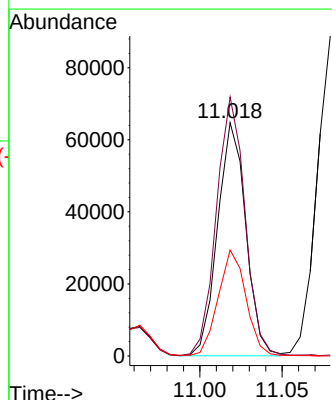
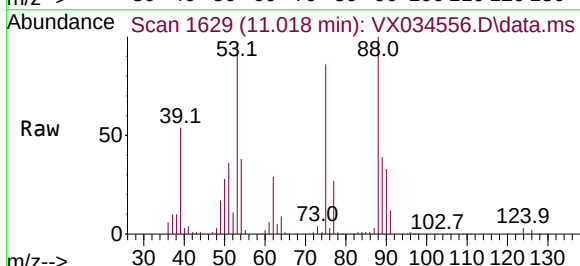
Tgt Ion: 75 Resp: 77134

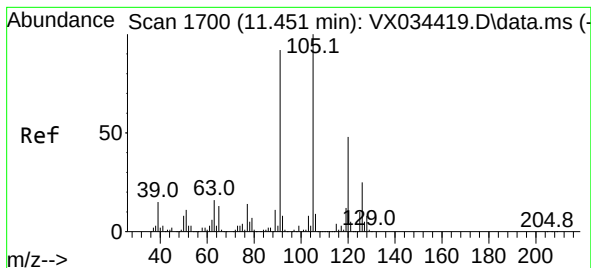
Ion Ratio Lower Upper

75 100

53 112.7 82.6 124.0

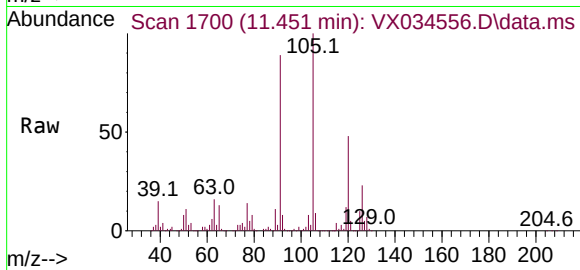
89 44.9 36.9 55.3





#82
4-Chlorotoluene
Concen: 48.917 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

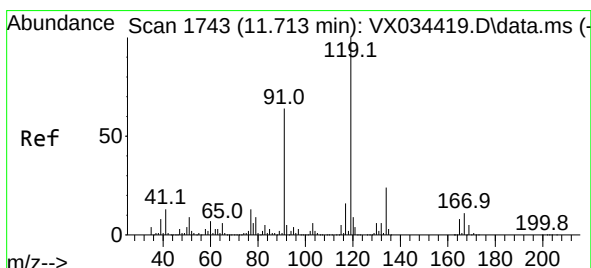
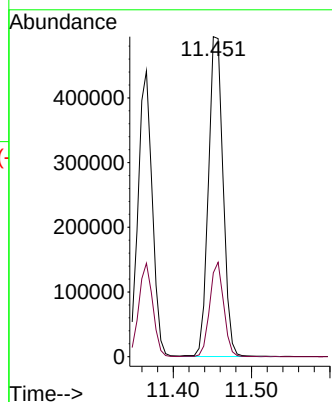
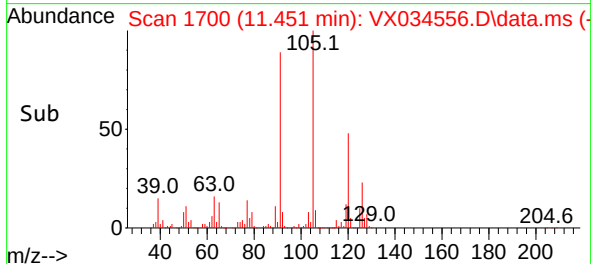
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion: 91 Resp: 641100
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

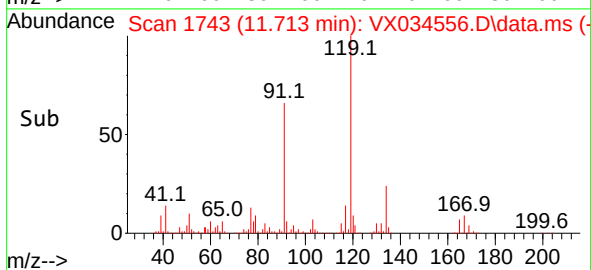
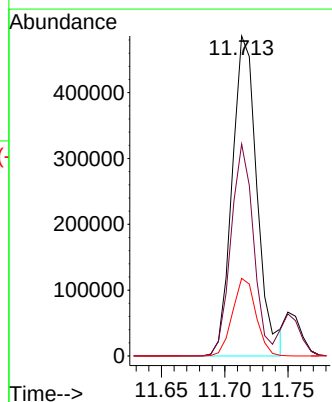
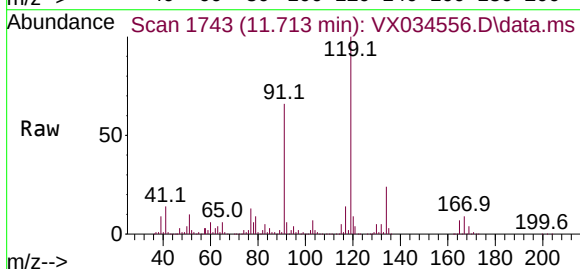
Manual Integrations
APPROVED

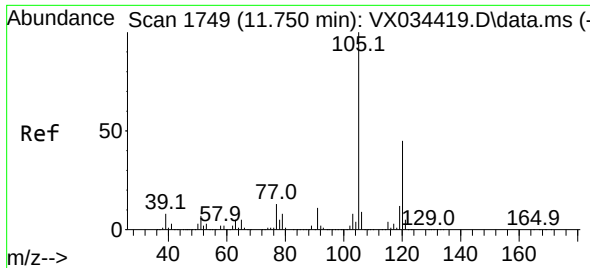
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#83
tert-Butylbenzene
Concen: 49.329 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

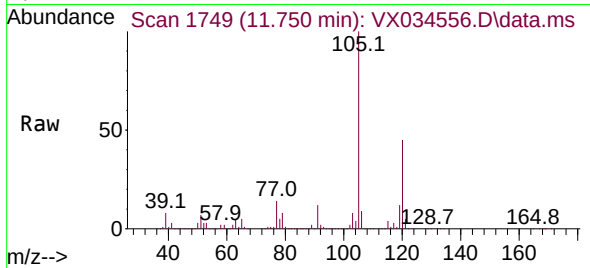
Tgt Ion:119 Resp: 665484
Ion Ratio Lower Upper
119 100
91 60.4 30.6 92.0
134 22.9 11.8 35.4





#84
1,2,4-Trimethylbenzene
Concen: 48.305 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

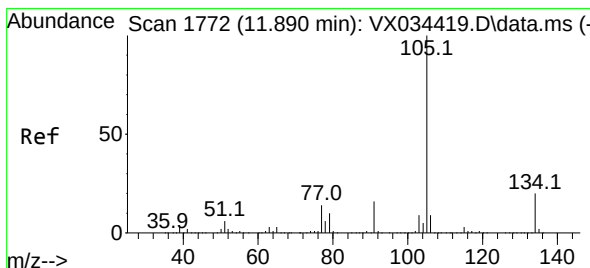
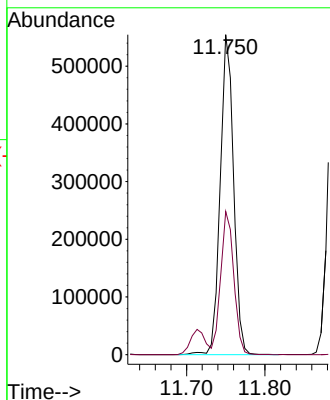
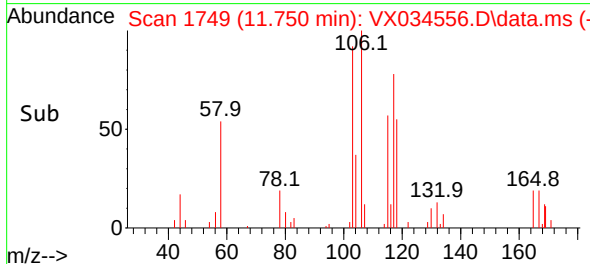
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



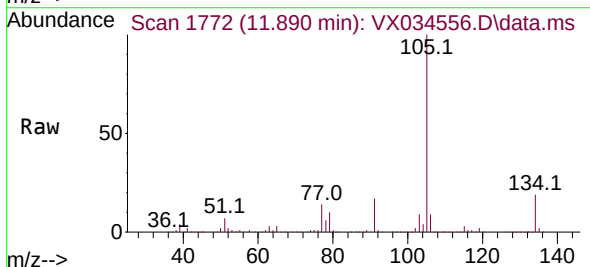
Tgt Ion:105 Resp: 66055
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0

Manual Integrations
APPROVED

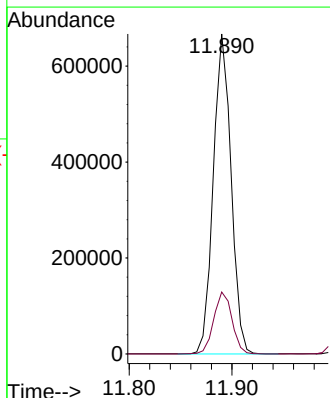
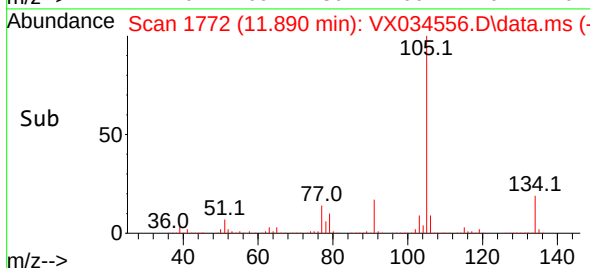
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

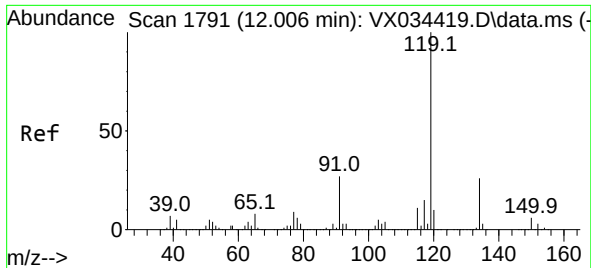


#85
sec-Butylbenzene
Concen: 48.501 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



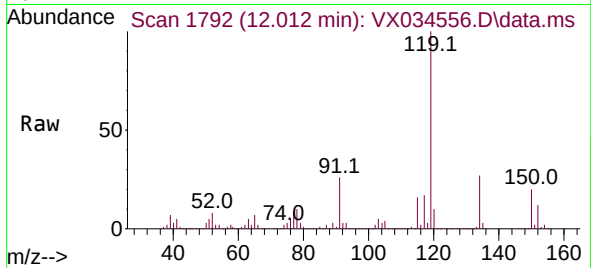
Tgt Ion:105 Resp: 799921
Ion Ratio Lower Upper
105 100
134 19.9 10.2 30.4





#86
p-Isopropyltoluene
Concen: 48.129 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

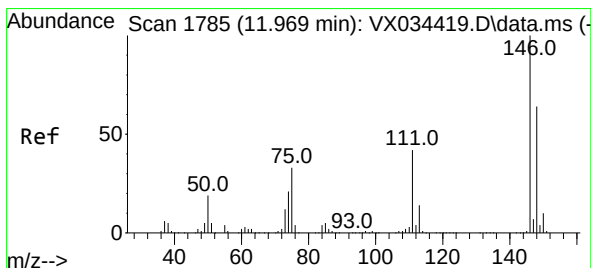
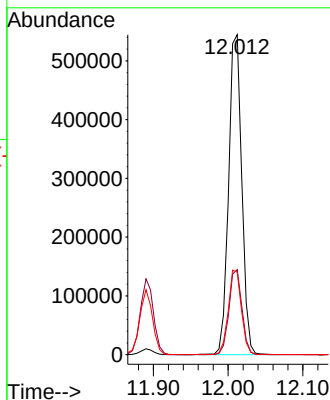
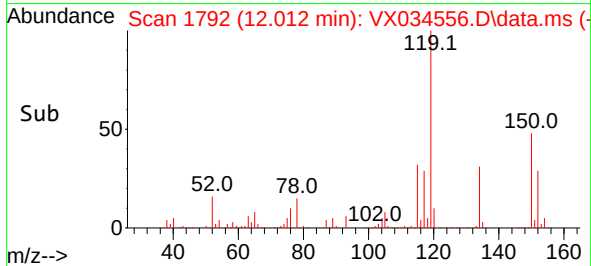
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



Tgt Ion:119 Resp: 66713
Ion Ratio Lower Upper
119 100
134 26.3 13.2 39.5
91 26.4 12.9 38.7

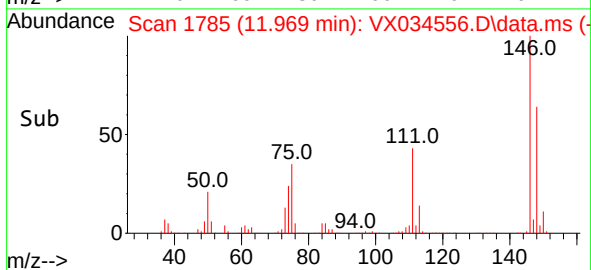
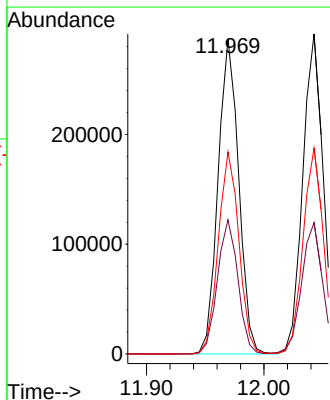
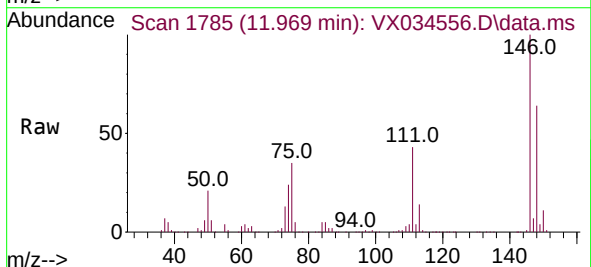
Manual Integrations
APPROVED

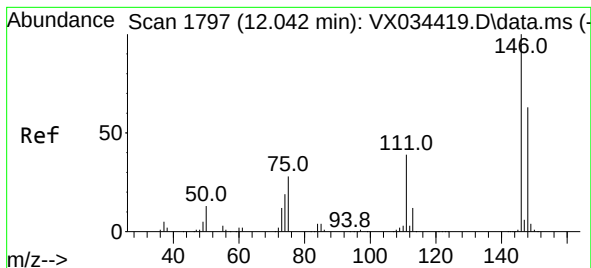
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#87
1,3-Dichlorobenzene
Concen: 46.776 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

Tgt Ion:146 Resp: 350775
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 64.1 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 46.480 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:146 Resp: 35244

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.9

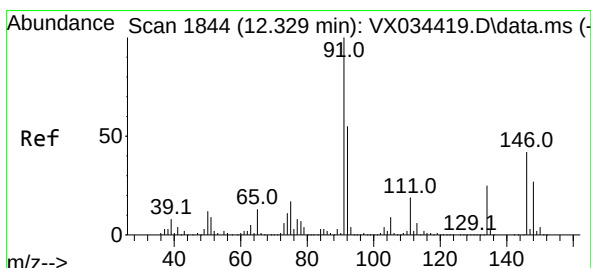
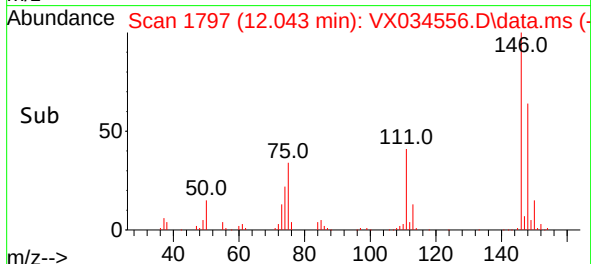
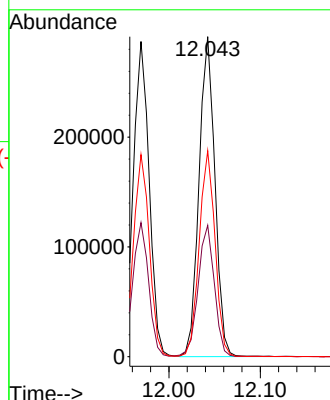
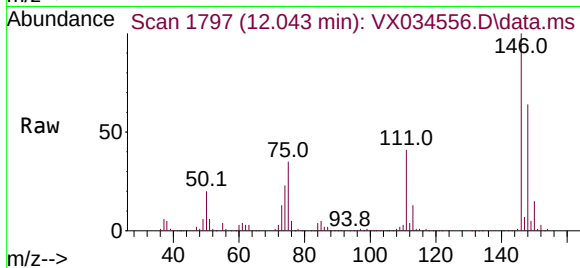
148 64.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#89

n-Butylbenzene

Concen: 48.024 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

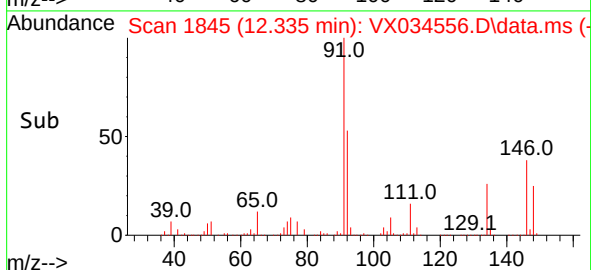
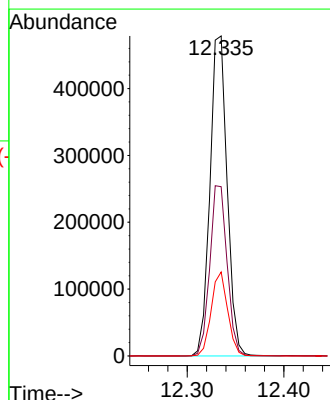
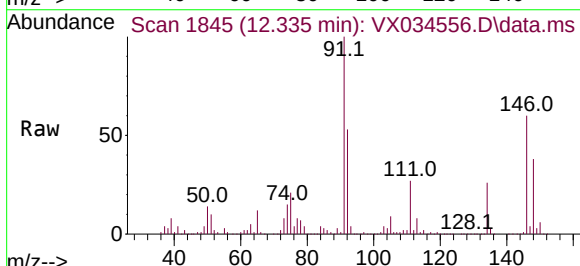
Tgt Ion: 91 Resp: 591782

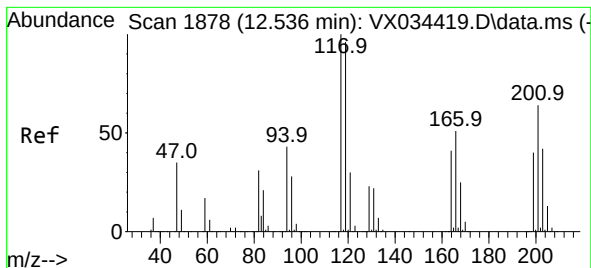
Ion Ratio Lower Upper

91 100

92 53.7 27.7 83.0

134 25.2 13.0 38.9





#90

Hexachloroethane

Concen: 46.749 ug/l

RT: 12.536 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

Tgt Ion:117 Resp: 11990

Ion Ratio Lower Upper

117 100

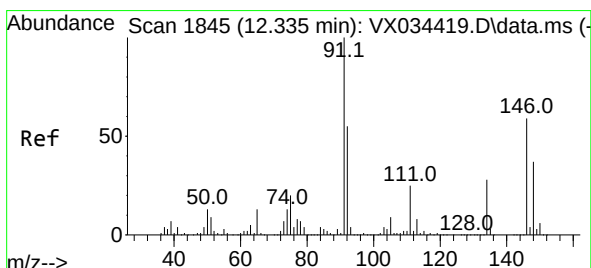
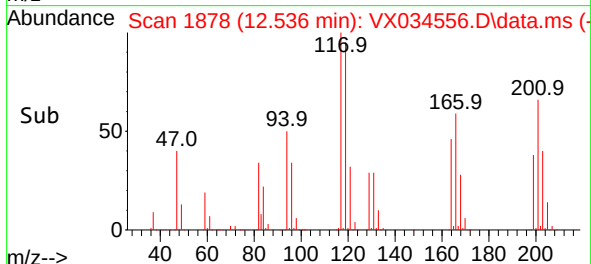
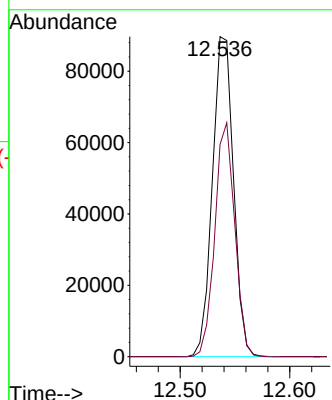
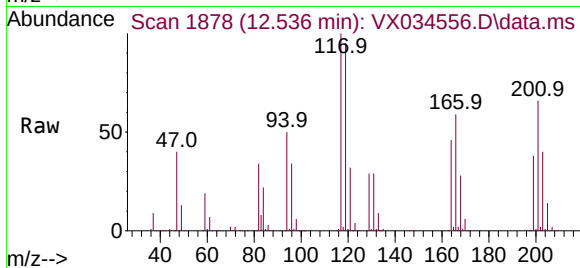
201 69.3 34.4 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#91

1,2-Dichlorobenzene

Concen: 48.544 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

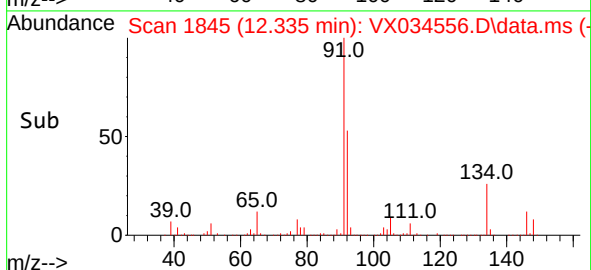
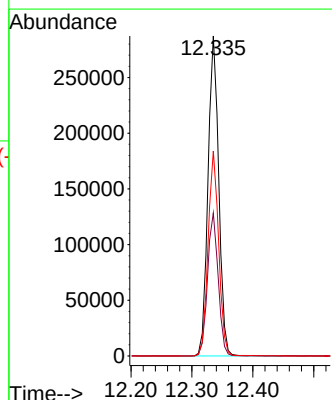
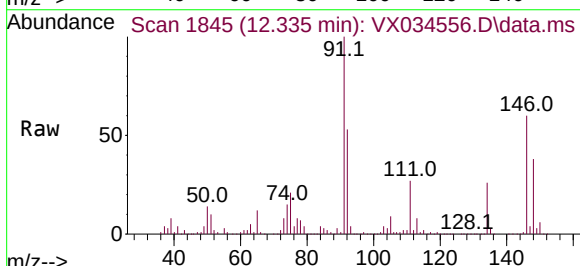
Tgt Ion:146 Resp: 351806

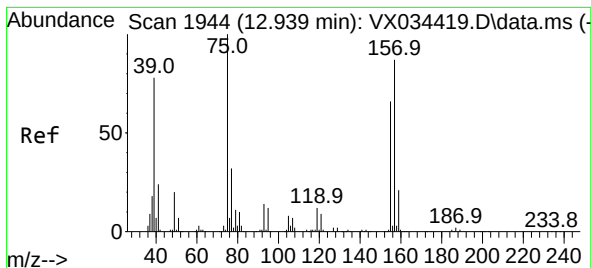
Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

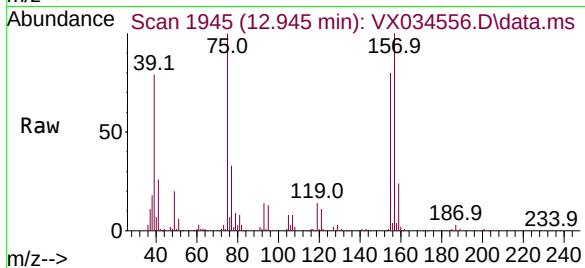
148 63.1 32.0 96.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 55.464 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20

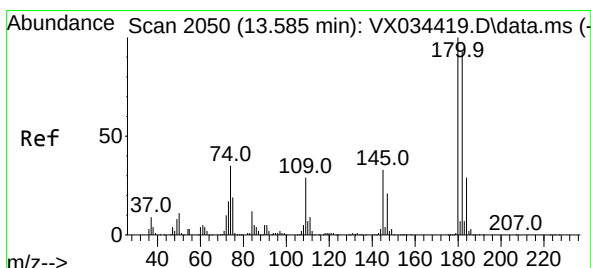
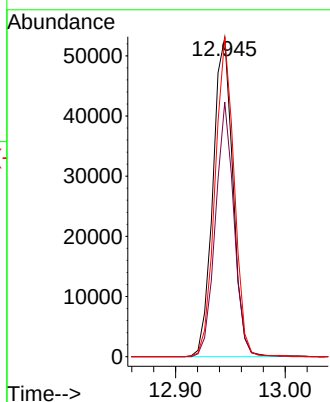
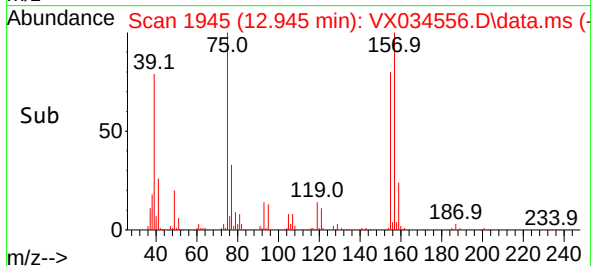
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230310MSD



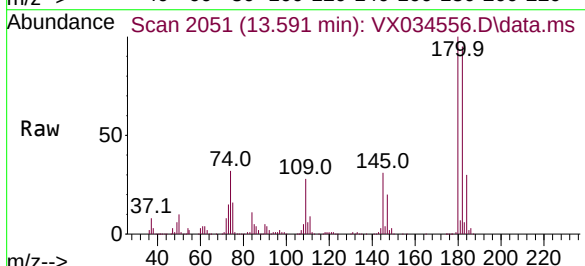
Tgt Ion: 75 Resp: 67080
Ion Ratio Lower Upper
75 100
155 74.0 38.4 115.1
157 96.1 49.9 149.7

Manual Integrations
APPROVED

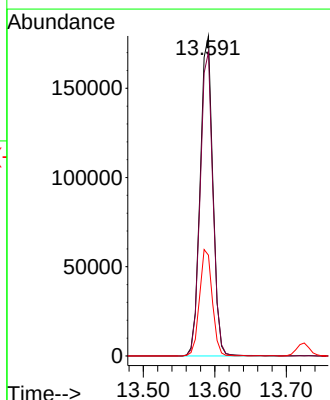
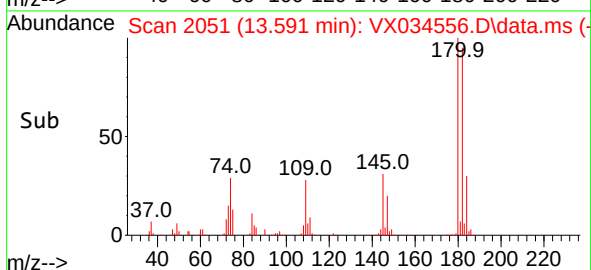
Reviewed By :John Carlone 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

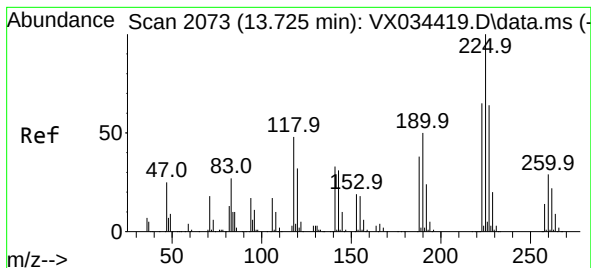


#93
1,2,4-Trichlorobenzene
Concen: 48.642 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034556.D
Acq: 16 Mar 2023 19:20



Tgt Ion:180 Resp: 220447
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 33.5 15.9 47.7





#94

Hexachlorobutadiene

Concen: 50.114 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230310MSD

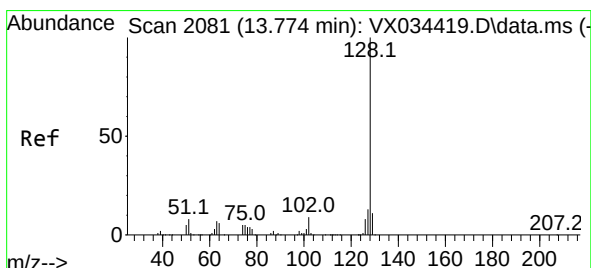
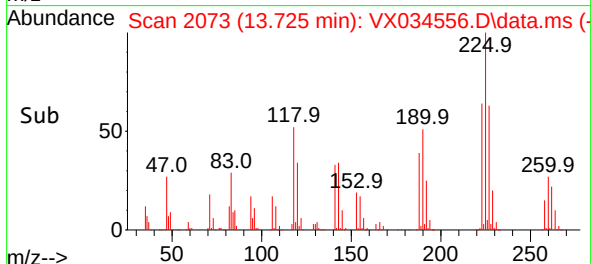
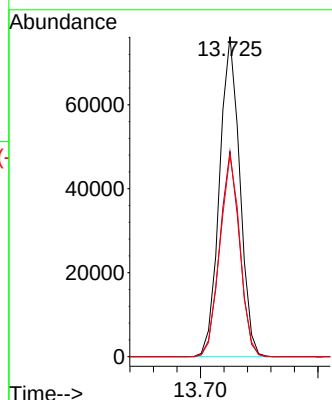
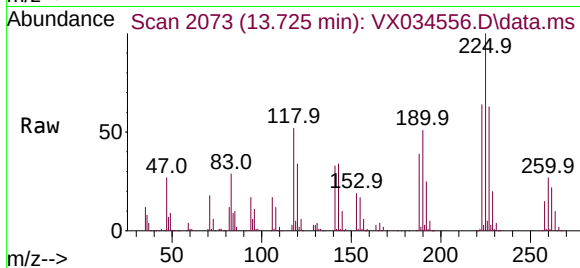
Tgt Ion:	225	Resp:	9149
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.1	96.5
227	62.3	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#95

Naphthalene

Concen: 52.721 ug/l

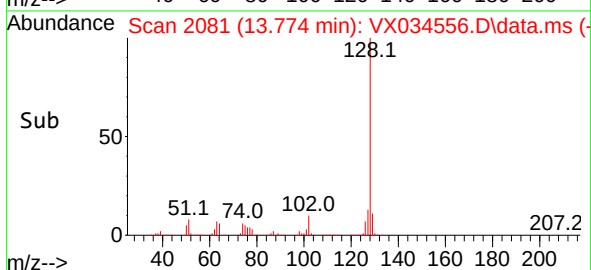
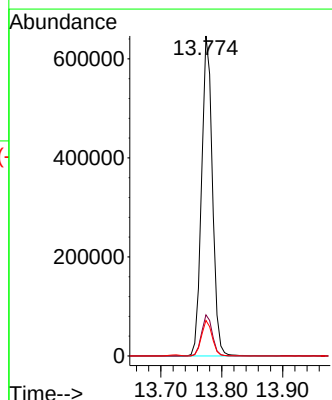
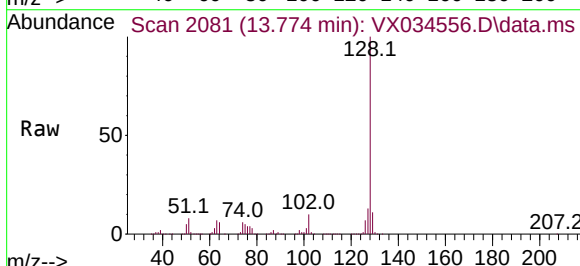
RT: 13.774 min Scan# 2081

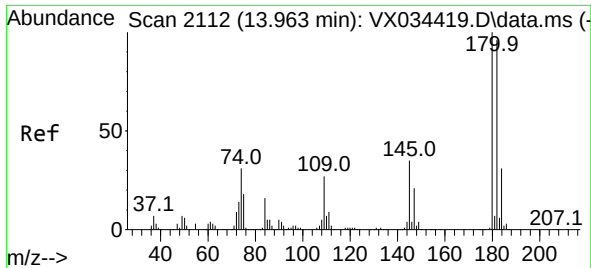
Delta R.T. 0.000 min

Lab File: VX034556.D

Acq: 16 Mar 2023 19:20

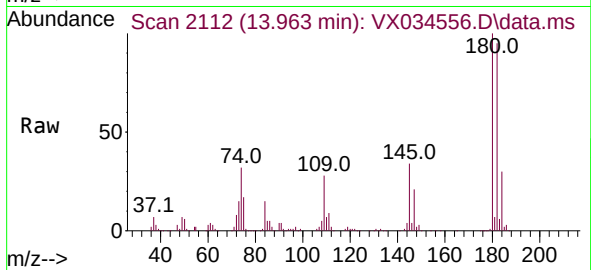
Tgt Ion:	128	Resp:	801222
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 51.616 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034556.D
 Acq: 16 Mar 2023 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MSD



Tgt Ion:180 Resp: 228664
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.0 144.2
 145 34.6 17.7 53.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

