

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
 Data File : VX032750.D
 Acq On : 11 Nov 2022 02:08
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 11 04:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 04:46:19 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

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

Internal Standards						
1) Bromochloromethane	4.904	128	13257	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	94141	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103183	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37602	36.126	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 120.433%#			
60) 4-Bromofluorobenzene	11.085	95	60000	31.595	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.300%			
63) Toluene-d8	8.653	98	103866	21.404	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 71.333%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	174552	252.390	ug/l	99
3) Chloromethane	1.294	50	165882	237.489	ug/l	97
4) Vinyl Chloride	1.374	62	190501	215.033	ug/l	99
5) Bromomethane	1.611	94	164082	203.185	ug/l	97
6) Chloroethane	1.685	64	144951	191.915	ug/l	90
7) Trichlorofluoromethane	1.886	101	364370	199.071	ug/l	98
8) Diethyl Ether	2.130	74	121666	200.348	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	196166	217.612	ug/l	98
10) 1,1-Dichloroethene	2.319	96	192451	229.408	ug/l	89
11) Methyl Iodide	2.453	142	239374	260.866	ug/l	99
12) Methyl Acetate	2.703	43	286885	273.961	ug/l #	86
13) Acrolein	2.239	56	188455	1721.882	ug/l	98
14) Acrylonitrile	3.068	53	509018	1226.316	ug/l	99
15) Acetone	2.392	58	129122	1158.313	ug/l	78
16) Carbon Disulfide	2.514	76	496642	258.989	ug/l	99
17) Allyl chloride	2.666	41	313180	283.947	ug/l	91
18) Methylene Chloride	2.788	84	212222	221.043	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	214582	225.078	ug/l #	82
20) Diisopropyl ether	3.763	45	701196	281.036	ug/l #	81
21) 1,1-Dichloroethane	3.611	63	385766	245.199	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	249781	218.941	ug/l	89
23) tert-Butyl Alcohol	3.062	59	131343m	862.982	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	704634	243.412	ug/l #	88
25) Chloroform	5.099	83	433360	234.355	ug/l	98
26) Cyclohexane	5.471	56	330531	252.796	ug/l #	84
29) 1,1-Dichloropropene	5.696	75	309964	196.498	ug/l	96
30) 2-Butanone	4.562	43	709149	1075.854	ug/l	91
31) 2,2-Dichloropropane	4.477	77	273036	178.672	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	397212	191.990	ug/l	96
33) Carbon Tetrachloride	5.678	117	352391	188.405	ug/l	99
34) Benzene	6.037	78	869203	188.844	ug/l #	97
35) Methacrylonitrile	4.922	41	166104	234.686	ug/l	93
36) 1,2-Dichloroethane	6.092	62	352136	208.029	ug/l #	93
37) Trichloroethene	7.129	130	240733	164.383	ug/l	93
38) Methylcyclohexane	7.379	83	339119	179.172	ug/l	89
39) 1,2-Dichloropropane	7.434	63	216856	200.549	ug/l	95
40) Dibromomethane	7.580	93	167003	183.300	ug/l	97
41) Bromodichloromethane	7.824	83	336460	200.796	ug/l	100
42) Vinyl Acetate	3.727	43	2839452	1168.497	ug/l #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	4.715	43	294614	220.412	ug/l	#	86
44) Isopropyl Acetate	6.342	43	505244	235.579	ug/l		95
45) 1,4-Dioxane	7.702	88	90305	3308.318	ug/l	#	84
46) Methyl methacrylate	7.696	41	251141	245.538	ug/l		86
47) n-amyl Acetate	10.848	43	446273	238.726	ug/l		94
48) t-1,3-Dichloropropene	8.976	75	361108	216.470	ug/l		99
49) cis-1,3-Dichloropropene	8.366	75	372963	206.029	ug/l	#	91
50) 1,1,2-Trichloroethane	9.153	97	237058	182.896	ug/l		96
51) Ethyl methacrylate	9.116	69	364933	209.477	ug/l		82
52) 1,3-Dichloropropane	9.311	76	380181	187.390	ug/l		99
53) Dibromochloromethane	9.525	129	272731	188.030	ug/l		99
54) 1,2-Dibromoethane	9.610	107	256079	179.028	ug/l		99
55) 2-Chloroethyl vinyl ether	8.244	63	859093	1017.978	ug/l		93
56) Bromoform	10.799	173	198008	186.249	ug/l		99
58) 4-Methyl-2-Pentanone	8.580	43	1462409	976.751	ug/l		93
59) 2-Hexanone	9.433	43	1070355	958.471	ug/l		93
61) Tetrachloroethene	9.275	164	208060	129.011	ug/l		94
62) Toluene	8.720	91	1002963	166.417	ug/l		98
64) Chlorobenzene	10.079	112	620339	153.941	ug/l		100
65) 1,1,1,2-Tetrachloroethane	10.165	131	245576	159.324	ug/l		100
66) Ethyl Benzene	10.195	91	1124991	166.282	ug/l		97
67) m/p-Xylenes	10.305	106	889022	320.787	ug/l		92
68) o-Xylene	10.646	106	433738	158.983	ug/l		91
69) Styrene	10.659	104	739149	166.166	ug/l		95
70) Isopropylbenzene	10.963	105	1144114	160.861	ug/l		98
71) 1,1,2,2-Tetrachloroethane	11.213	83	336231	163.284	ug/l		99
72) 1,2,3-Trichloropropane	11.244	75	299791m	167.388	ug/l		
73) Bromobenzene	11.201	156	283553	150.423	ug/l		88
74) n-propylbenzene	11.305	91	1327023	168.672	ug/l		96
75) 2-Chlorotoluene	11.366	91	786288	165.882	ug/l		93
76) 1,3,5-Trimethylbenzene	11.451	105	983131	164.082	ug/l		96
77) t-1,4-Dichloro-2-butene	11.018	75	106367	200.563	ug/l		97
78) 4-Chlorotoluene	11.457	91	921903	170.607	ug/l		94
79) tert-butylbenzene	11.719	119	960988	160.698	ug/l		95
80) 1,2,4-Trimethylbenzene	11.756	105	950309	159.937	ug/l		96
81) sec-Butylbenzene	11.890	105	1147975	157.106	ug/l		96
82) p-Isopropyltoluene	12.012	119	971900	152.636	ug/l		96
83) 1,3-Dichlorobenzene	11.969	146	514475	144.773	ug/l		97
84) 1,4-Dichlorobenzene	12.042	146	519482	143.617	ug/l		98
85) n-Butylbenzene	12.335	91	844503	168.035	ug/l		96
86) Hexachloroethane	12.542	117	172883	170.169	ug/l		100
87) 1,2-Dichlorobenzene	12.335	146	499978	141.495	ug/l		97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	78572	189.723	ug/l		82
89) 1,2,4-Trichlorobenzene	13.591	180	325812	142.148	ug/l		100
90) Hexachlorobutadiene	13.725	225	124504	134.668	ug/l		99
91) Naphthalene	13.780	128	1090338	149.441	ug/l		98
92) 1,2,3-Trichlorobenzene	13.963	180	322096	141.050	ug/l		97

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

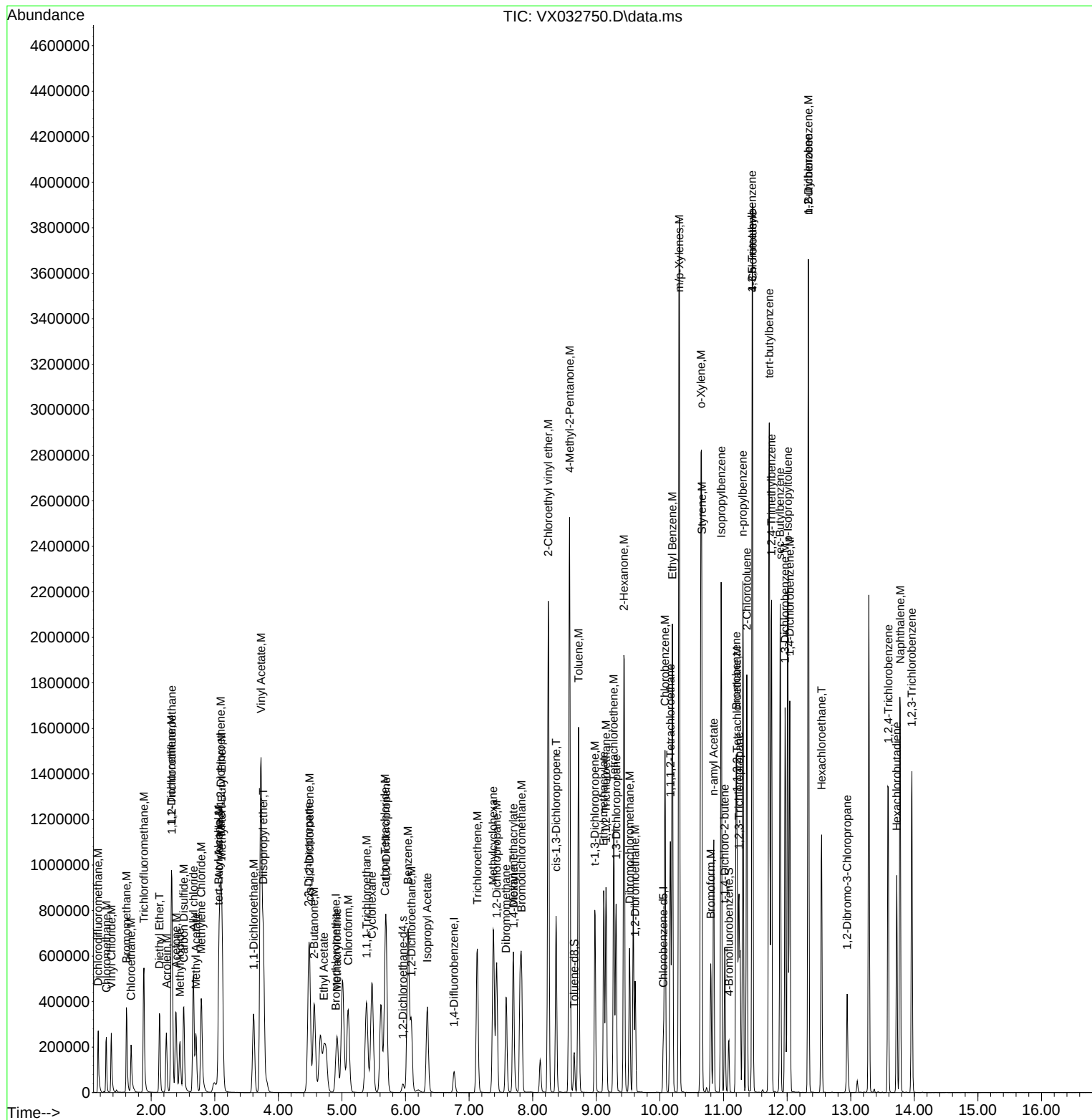
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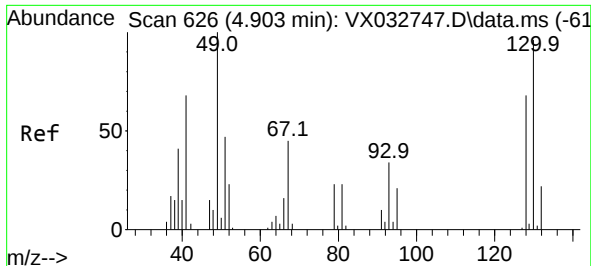
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 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations APPROVED

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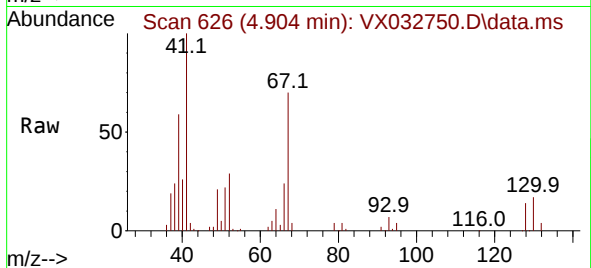
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

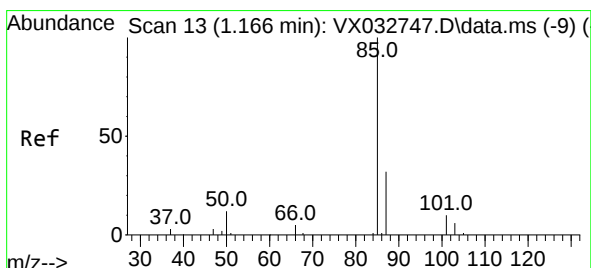
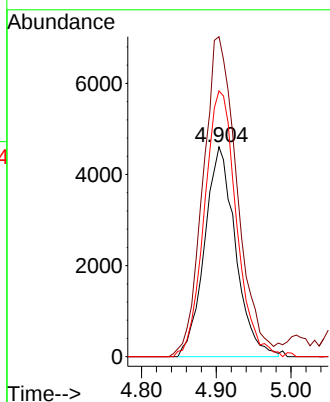
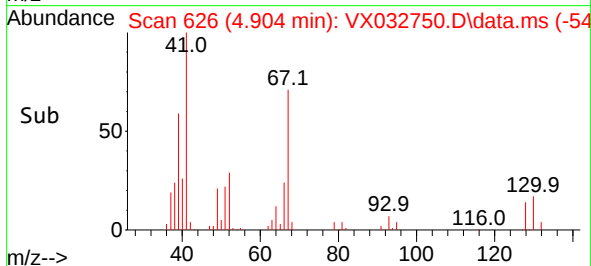
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 1325
Ion Ratio Lower Upper
128 100
49 168.0 0.0 293.0
130 129.3 0.0 321.5

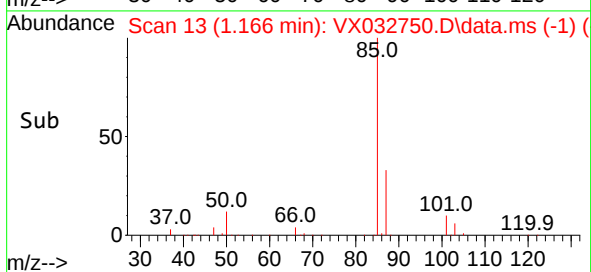
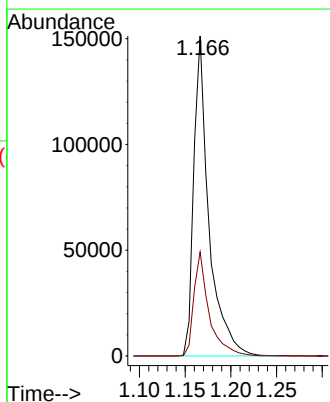
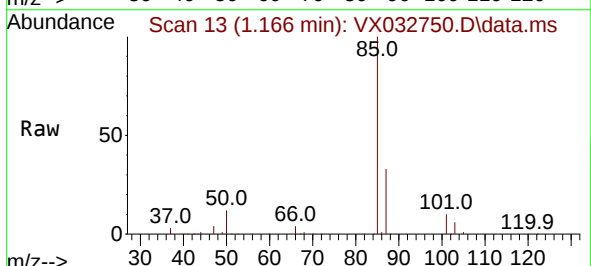
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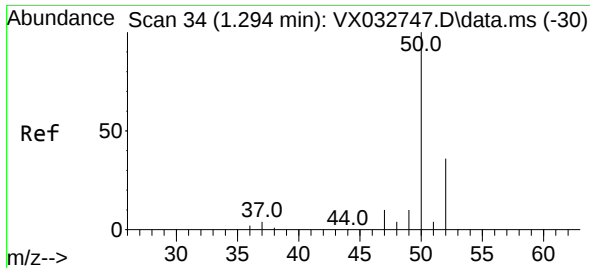
Reviewed By :John Carlone 11/11/2022
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#2
Dichlorodifluoromethane
Concen: 252.390 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 85 Resp: 174552
Ion Ratio Lower Upper
85 100
87 32.5 16.5 49.5





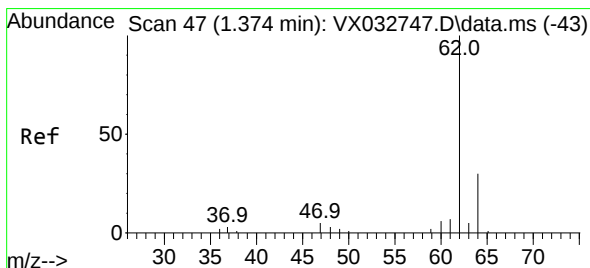
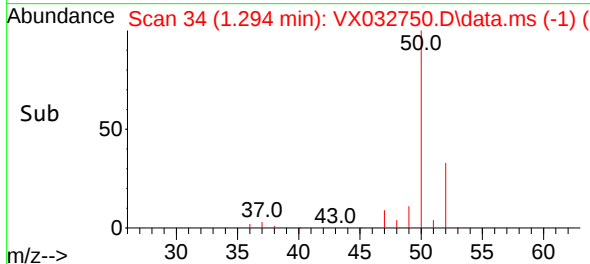
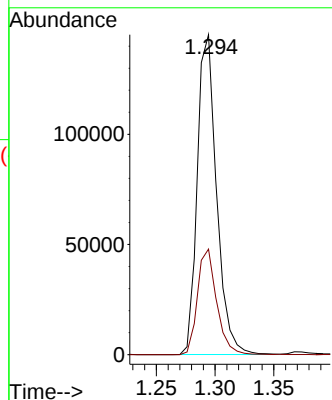
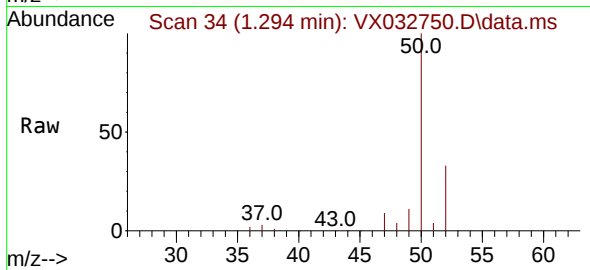
#3
Chloromethane
Concen: 237.489 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
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ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 16588
Ion Ratio Lower Upper
50 100
52 33.0 27.6 41.4

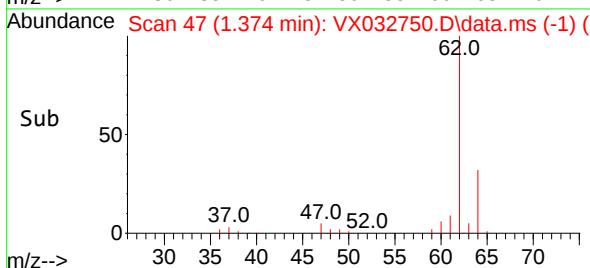
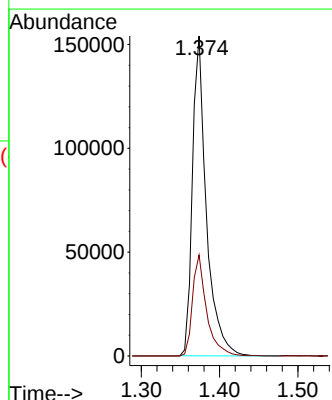
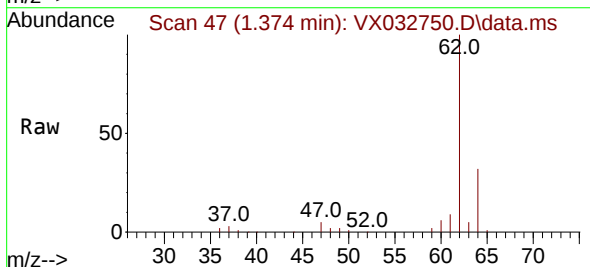
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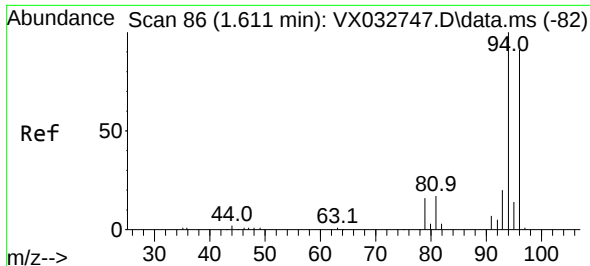
Reviewed By :John Carlone 11/11/2022
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#4
Vinyl Chloride
Concen: 215.033 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 62 Resp: 190501
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5





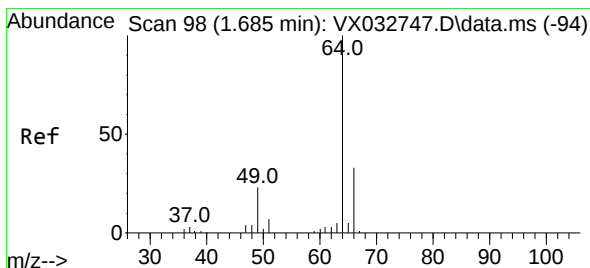
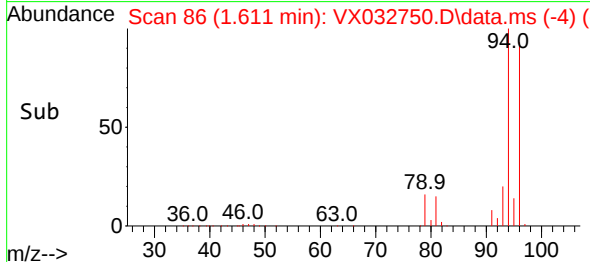
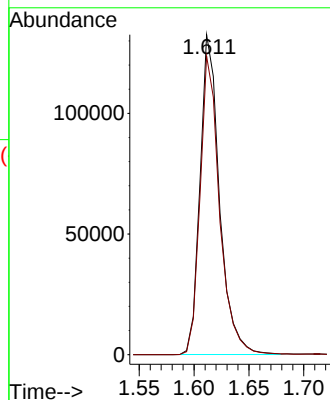
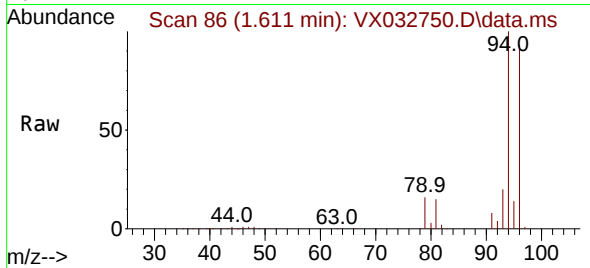
#5
Bromomethane
Concen: 203.185 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 164082
Ion Ratio Lower Upper
94 100
96 93.3 76.8 115.2

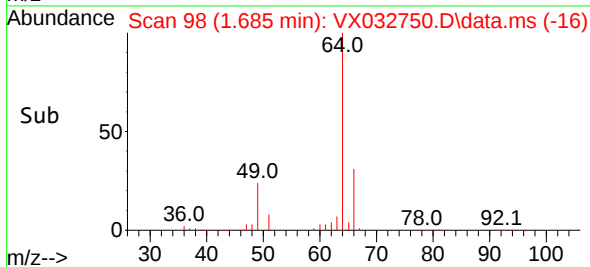
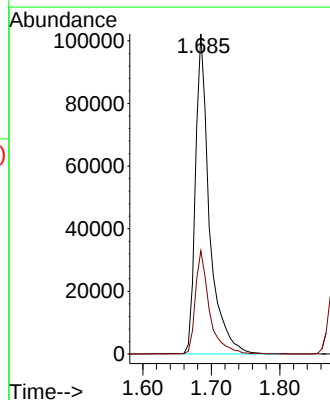
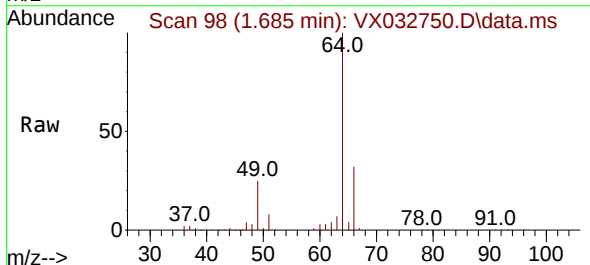
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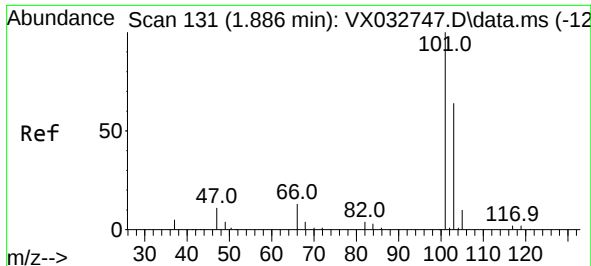
Reviewed By :John Carlone 11/11/2022
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#6
Chloroethane
Concen: 191.915 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032750.D
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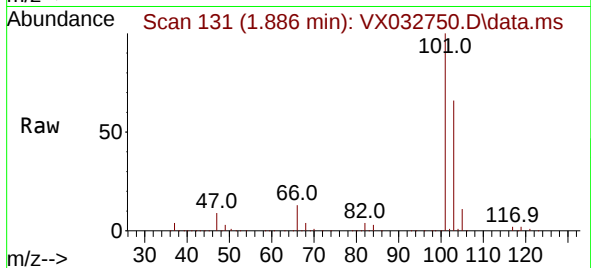
Tgt Ion: 64 Resp: 144951
Ion Ratio Lower Upper
64 100
66 32.3 30.6 46.0





#7
Trichlorofluoromethane
Concen: 199.071 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

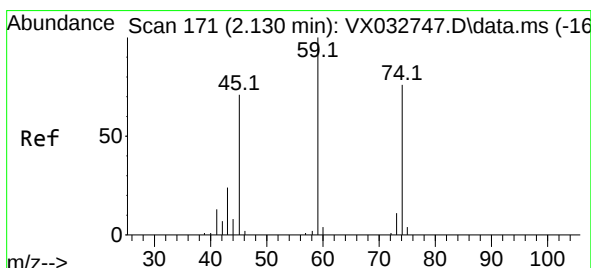
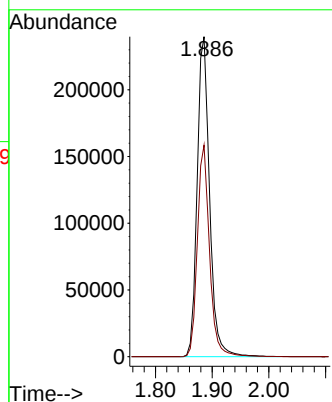
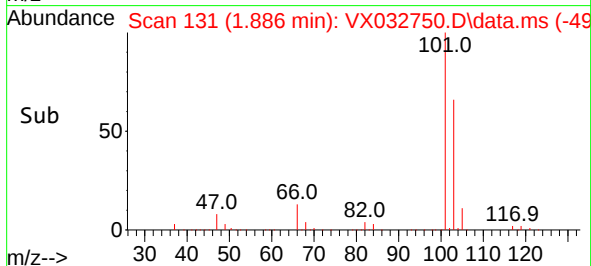
Instrument :
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ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 364370
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5

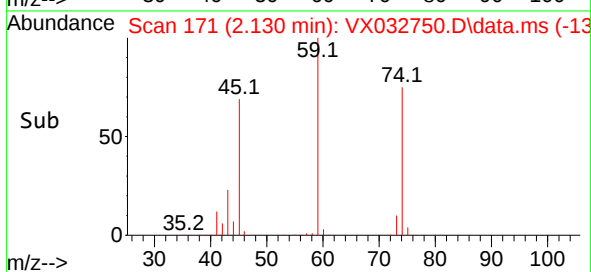
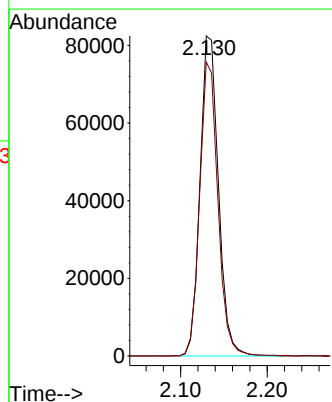
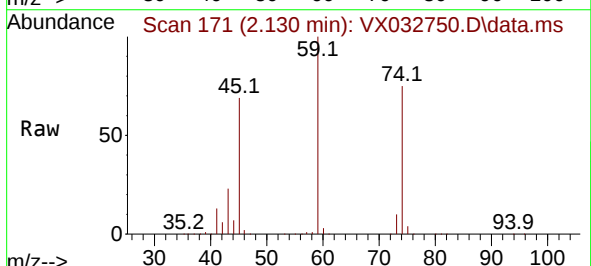
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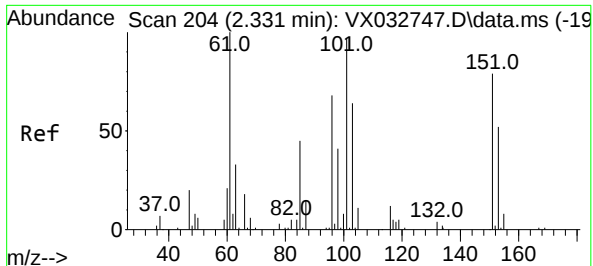
Reviewed By :John Carlone 11/11/2022
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#8
Diethyl Ether
Concen: 200.348 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 74 Resp: 121666
Ion Ratio Lower Upper
74 100
45 91.0 14.2 127.8





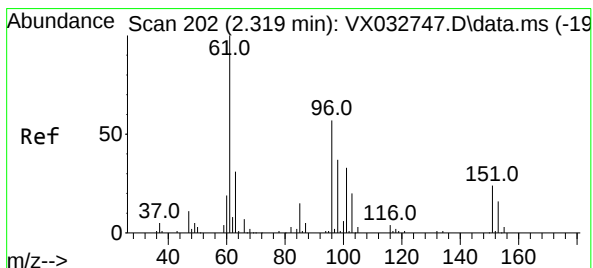
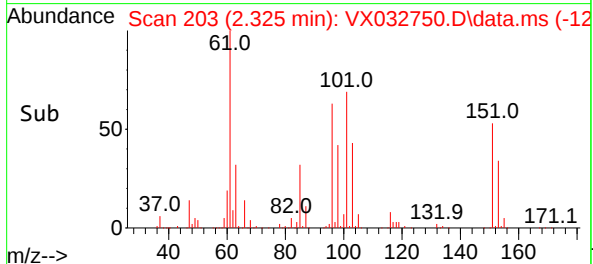
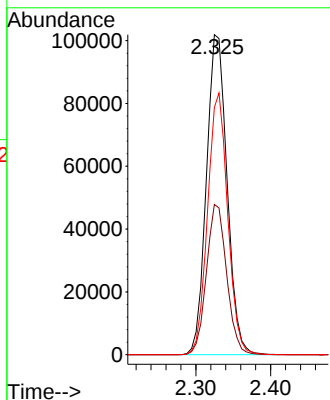
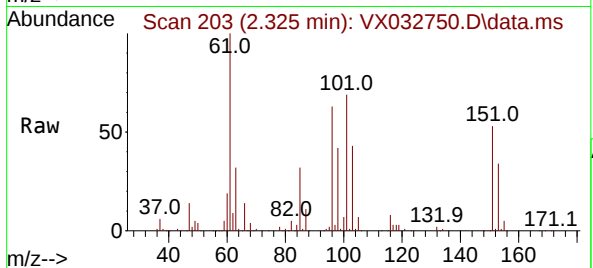
#9
1,1,2-Trichlorotrifluoroethane
Concen: 217.612 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 196160
Ion Ratio Lower Upper
101 100
85 46.0 0.0 88.8
151 79.5 0.0 156.6

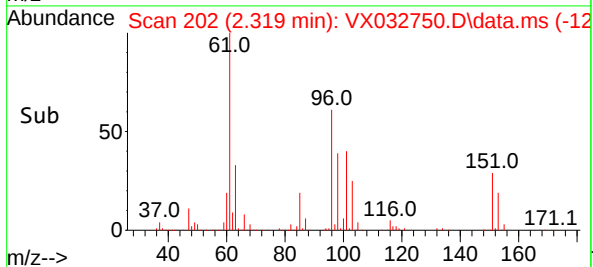
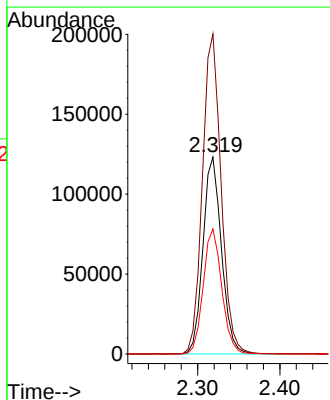
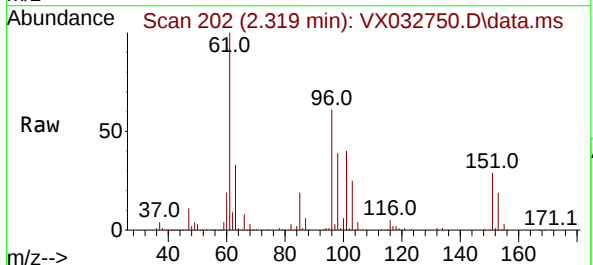
Manual Integrations
APPROVED

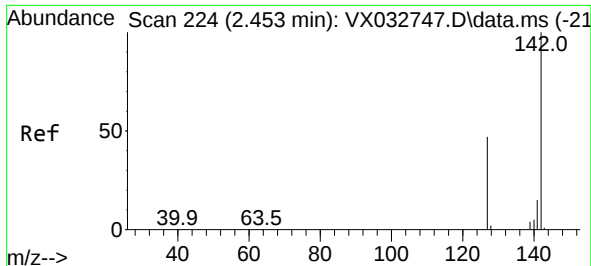
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#10
1,1-Dichloroethene
Concen: 229.408 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

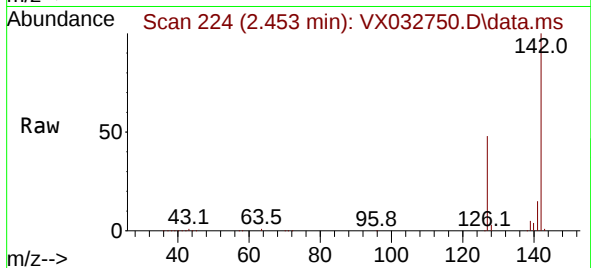
Tgt Ion: 96 Resp: 192451
Ion Ratio Lower Upper
96 100
61 162.7 115.8 173.6
98 63.6 49.7 74.5





#11
Methyl Iodide
Concen: 260.866 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

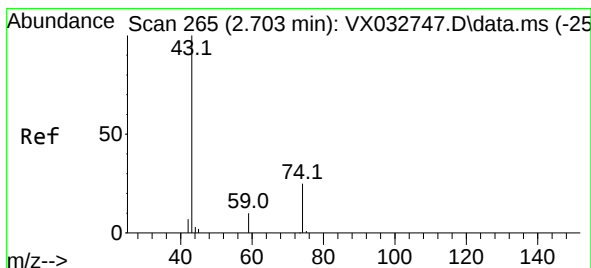
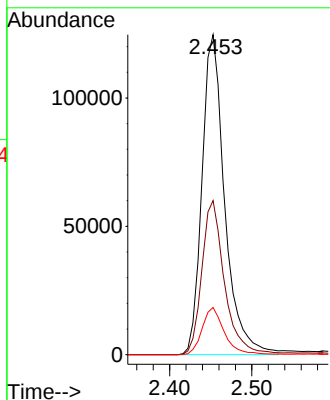
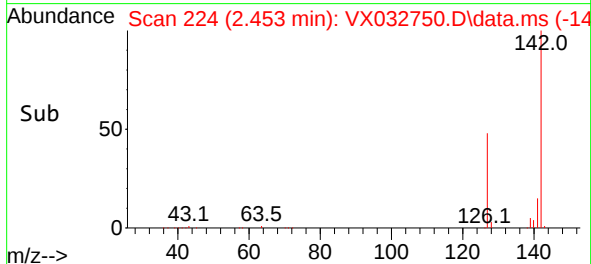
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 239374
Ion Ratio Lower Upper
142 100
127 48.2 23.8 71.2
141 14.8 7.6 22.8

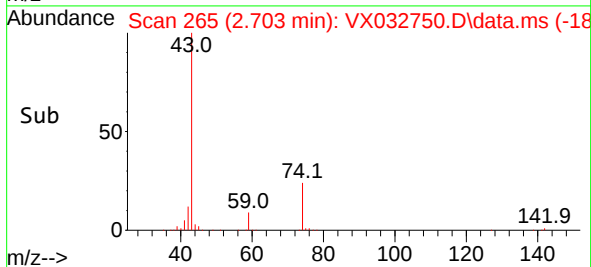
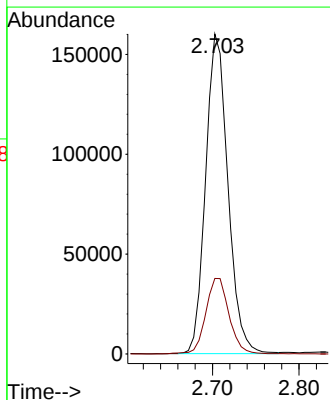
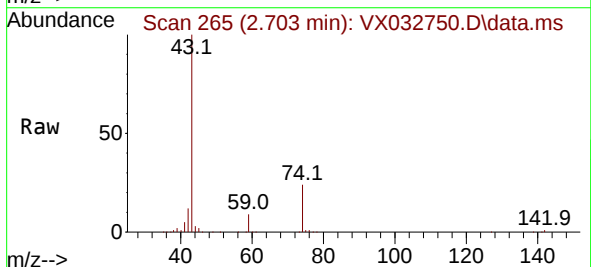
Manual Integrations
APPROVED

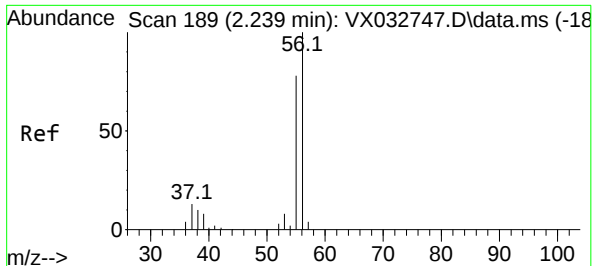
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#12
Methyl Acetate
Concen: 273.961 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

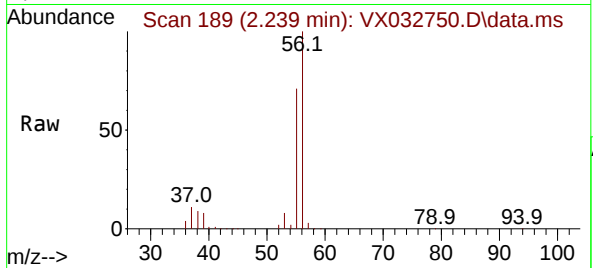
Tgt Ion: 43 Resp: 286885
Ion Ratio Lower Upper
43 100
74 23.5 24.8 37.2#





#13
Acrolein
Concen: 1721.882 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

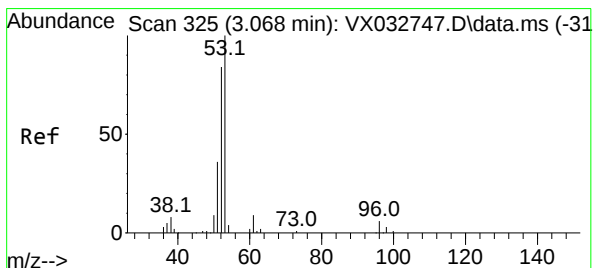
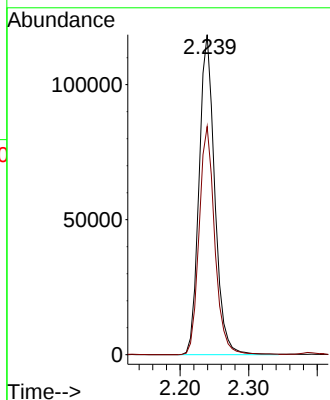
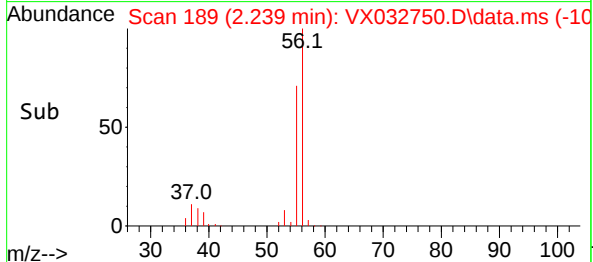
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



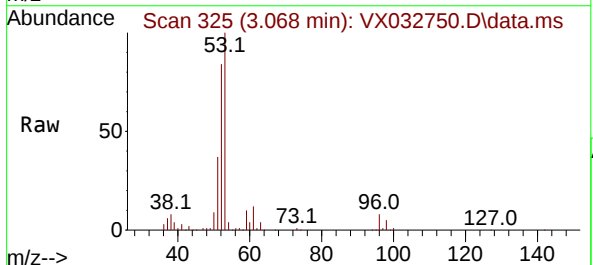
Tgt Ion: 56 Resp: 18845
Ion Ratio Lower Upper
56 100
55 71.3 58.4 87.6

Manual Integrations
APPROVED

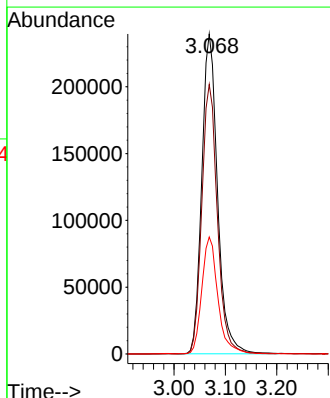
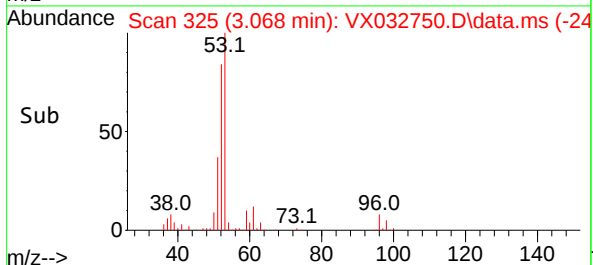
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

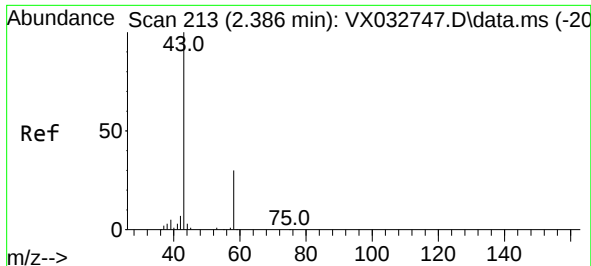


#14
Acrylonitrile
Concen: 1226.316 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



Tgt Ion: 53 Resp: 509018
Ion Ratio Lower Upper
53 100
52 83.4 41.5 124.5
51 37.5 18.3 54.9





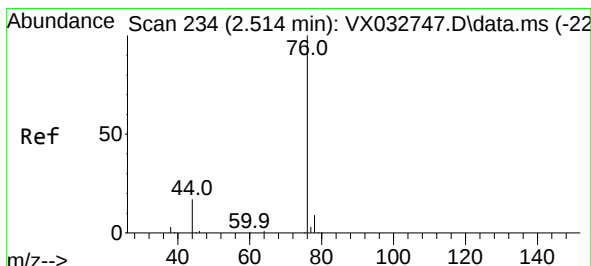
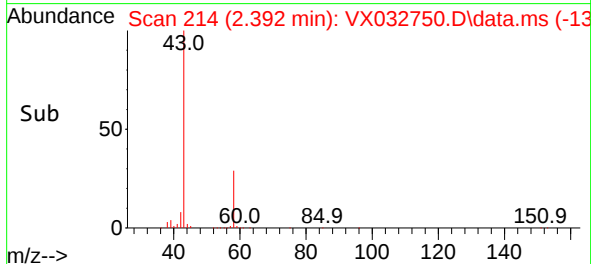
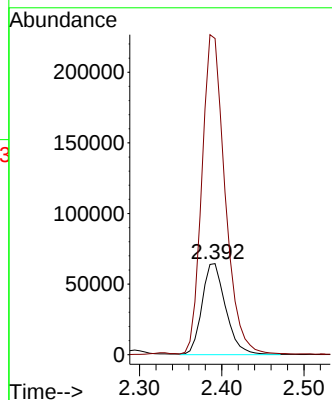
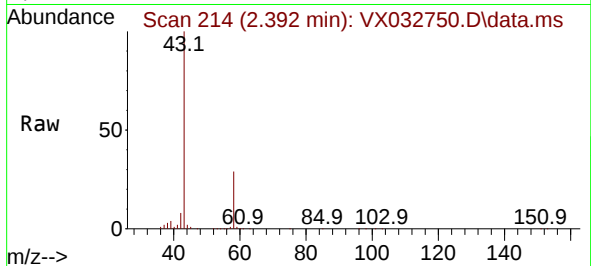
#15
Acetone
Concen: 1158.313 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 58 Resp: 12912
Ion Ratio Lower Upper
58 100
43 347.4 242.6 364.0

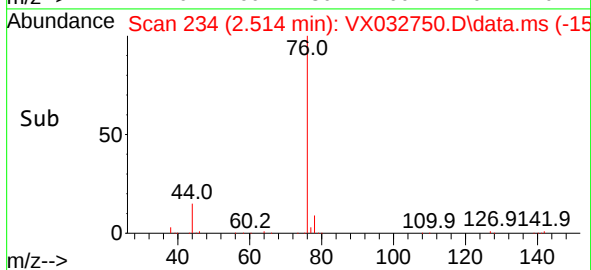
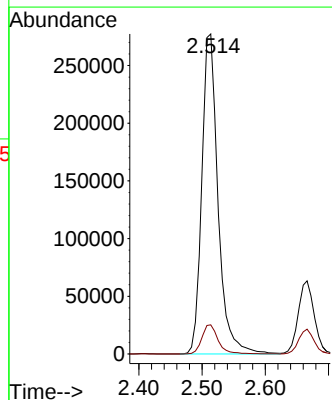
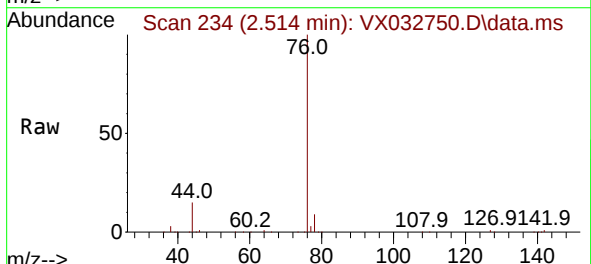
Manual Integrations
APPROVED

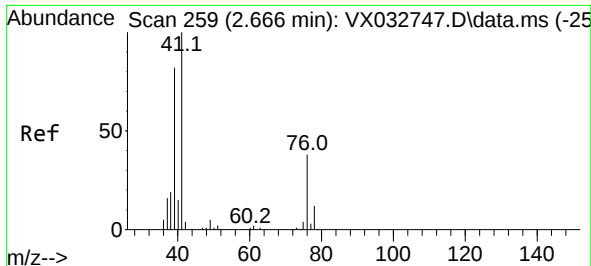
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
Carbon Disulfide
Concen: 258.989 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

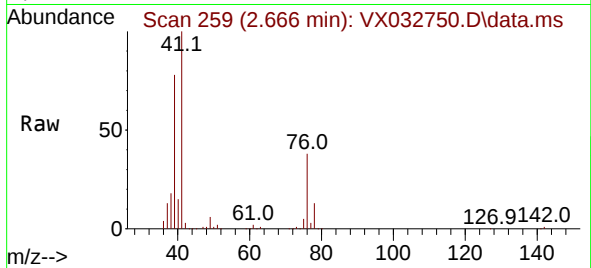
Tgt Ion: 76 Resp: 496642
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17
 Allyl chloride
 Concen: 283.947 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX032750.D
 Acq: 11 Nov 2022 02:08

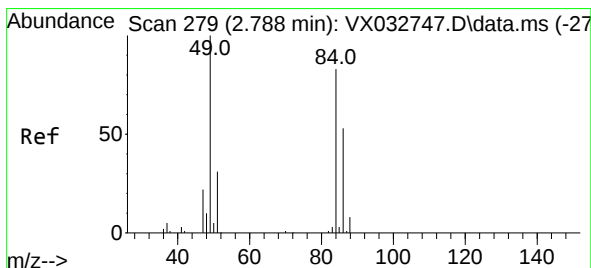
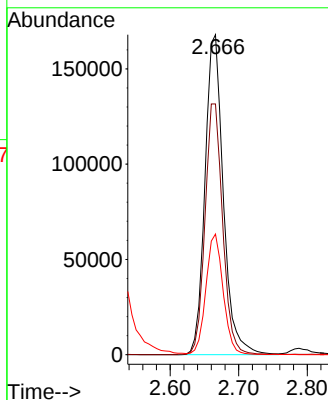
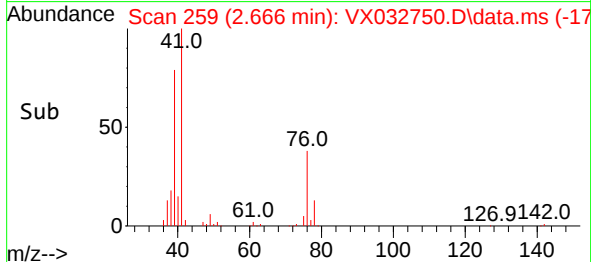
Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDIC150



Tgt Ion: 41 Resp: 313180
 Ion Ratio Lower Upper
 41 100
 39 78.4 37.0 111.0
 76 37.7 23.8 71.5

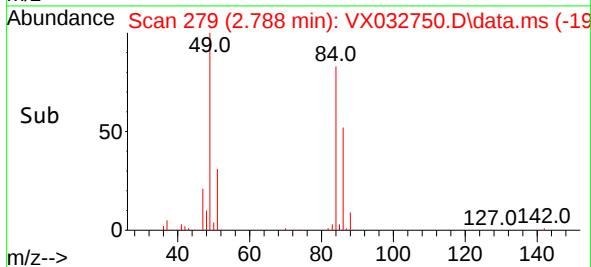
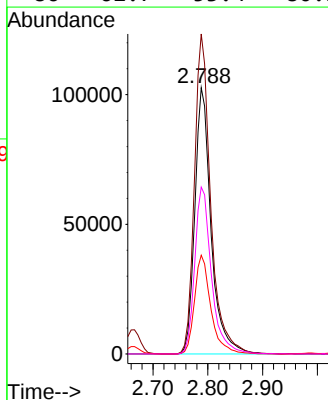
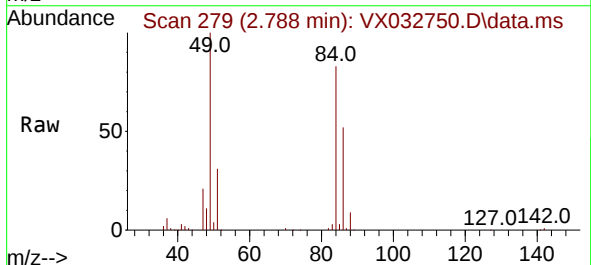
Manual Integrations
 APPROVED

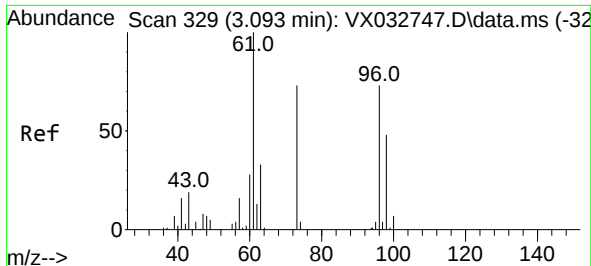
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#18
 Methylene Chloride
 Concen: 221.043 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX032750.D
 Acq: 11 Nov 2022 02:08

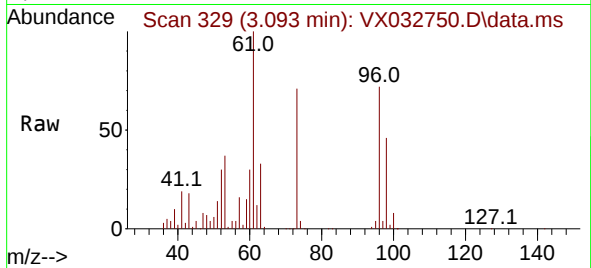
Tgt Ion: 84 Resp: 212222
 Ion Ratio Lower Upper
 84 100
 49 120.2 84.6 127.0
 51 37.1 26.5 39.7
 86 62.7 53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 225.078 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

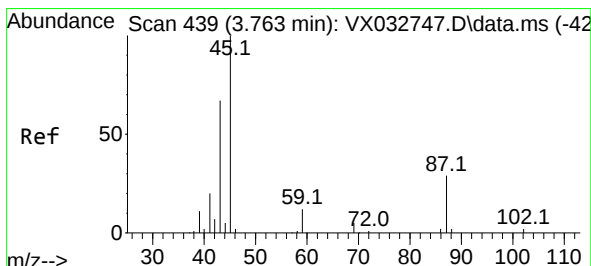
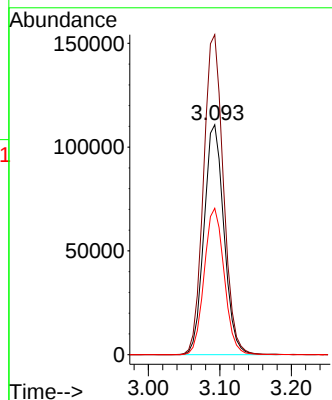
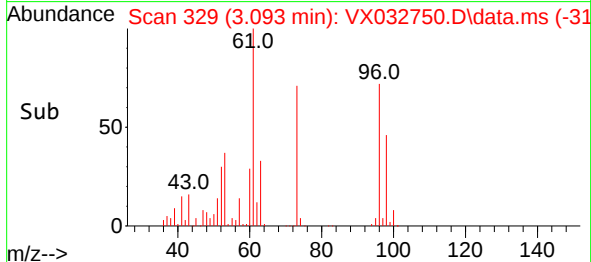
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 21458
Ion Ratio Lower Upper
96 100
61 139.1 87.4 131.0
98 63.7 51.5 77.3

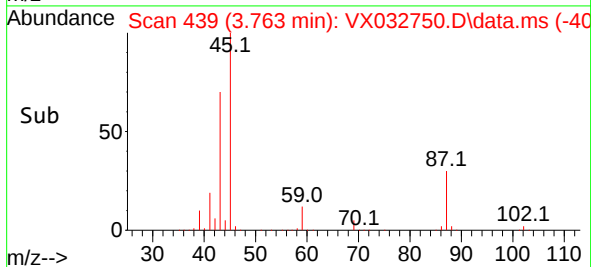
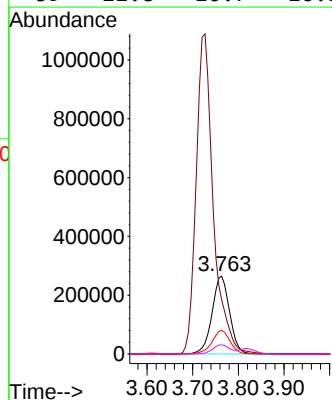
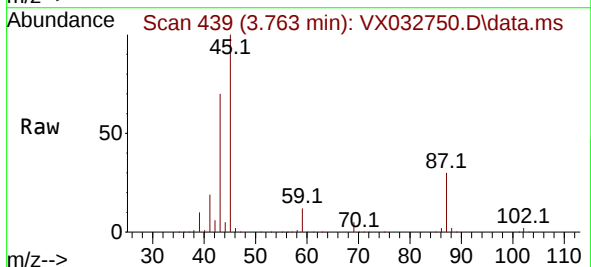
Manual Integrations
APPROVED

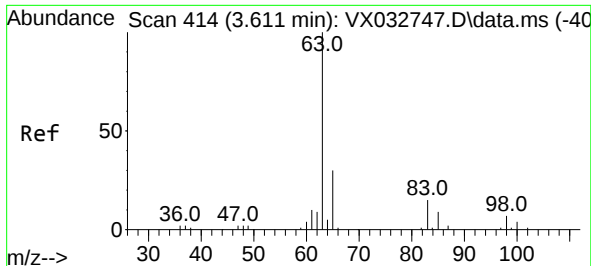
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#20
Diisopropyl ether
Concen: 281.036 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 45 Resp: 701196
Ion Ratio Lower Upper
45 100
43 69.6 74.5 111.7#
87 30.3 30.4 45.6#
59 11.8 10.7 16.1





#21

1,1-Dichloroethane

Concen: 245.199 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 38576

Ion Ratio Lower Upper

63 100

98 6.9 4.5 13.7

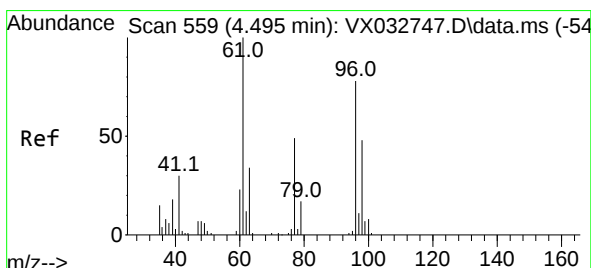
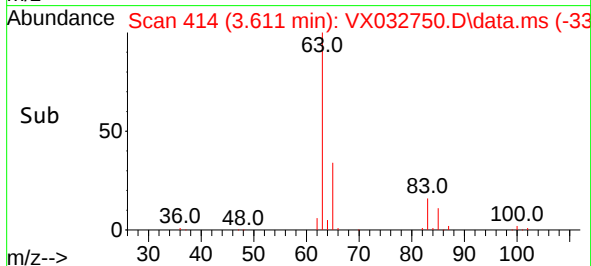
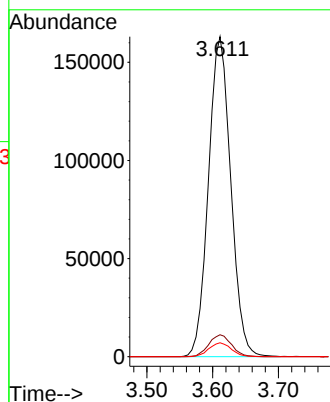
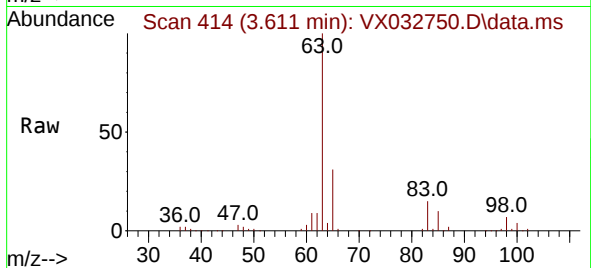
100 4.3 2.8 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#22

cis-1,2-Dichloroethene

Concen: 218.941 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

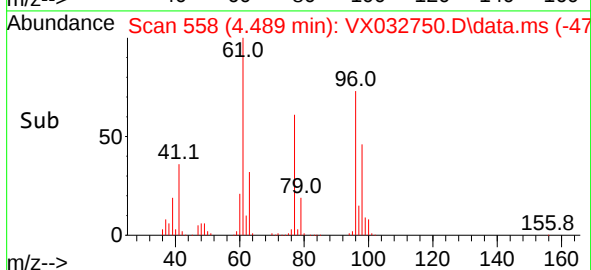
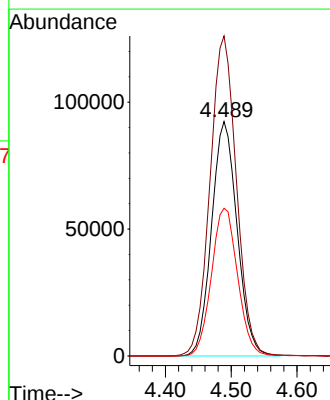
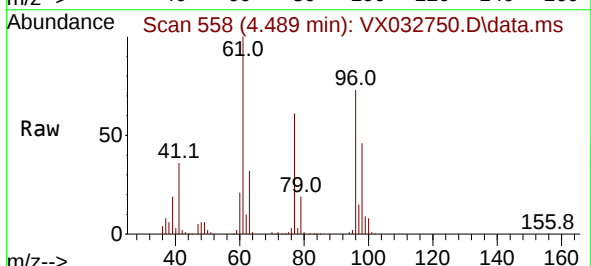
Tgt Ion: 96 Resp: 249781

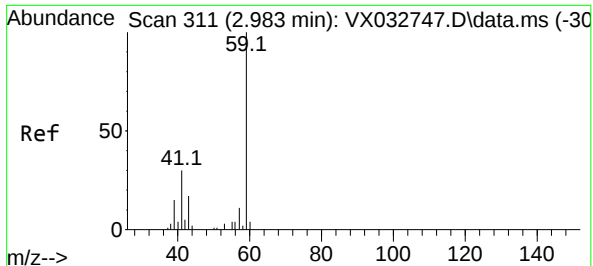
Ion Ratio Lower Upper

96 100

61 140.8 98.0 147.0

98 64.5 52.2 78.4





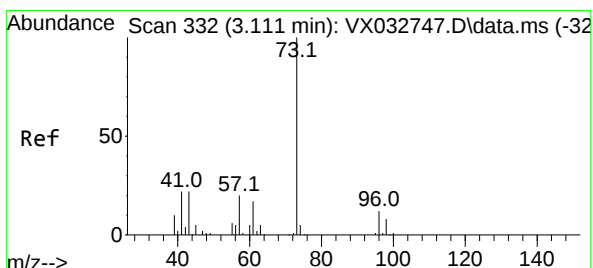
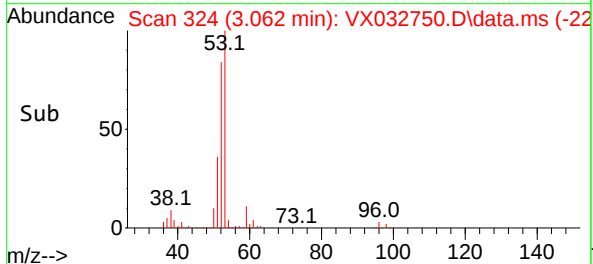
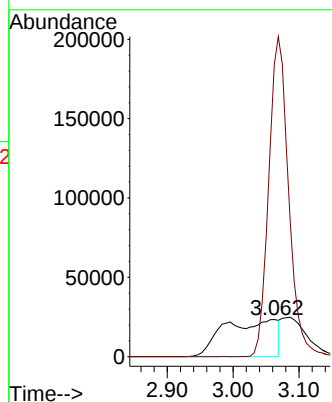
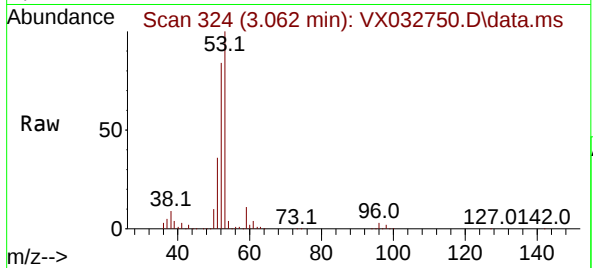
#23
tert-Butyl Alcohol
Concen: 862.982 ug/l m
RT: 3.062 min Scan# 311
Delta R.T. 0.079 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 13134
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

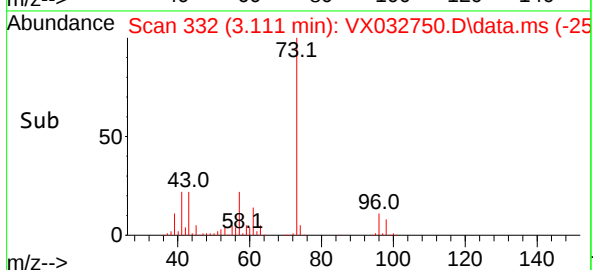
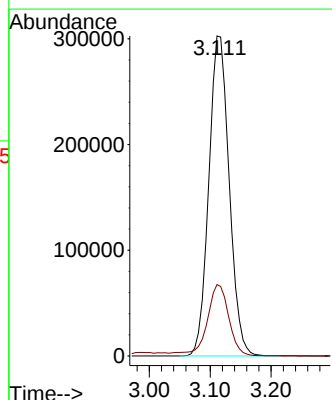
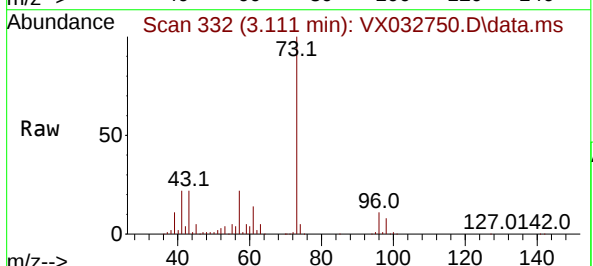
Manual Integrations
APPROVED

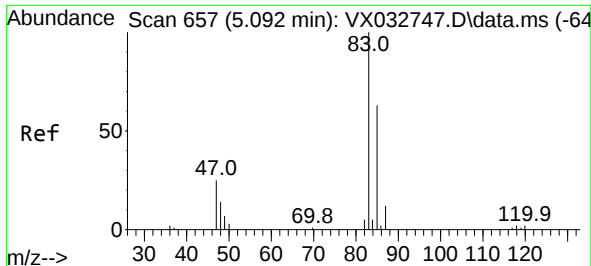
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#24
Methyl tert-Butyl Ether
Concen: 243.412 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 73 Resp: 704634
Ion Ratio Lower Upper
73 100
43 23.9 14.8 22.2#





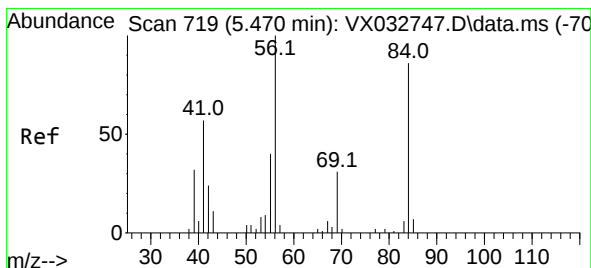
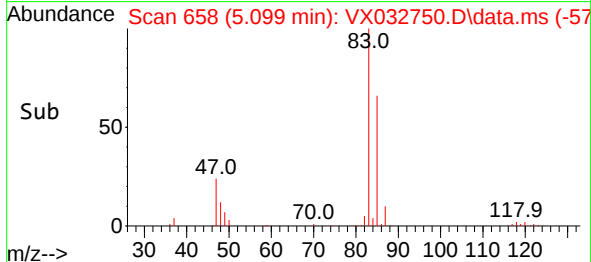
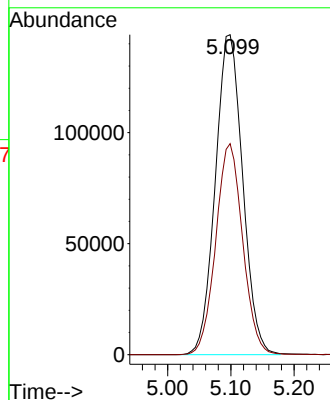
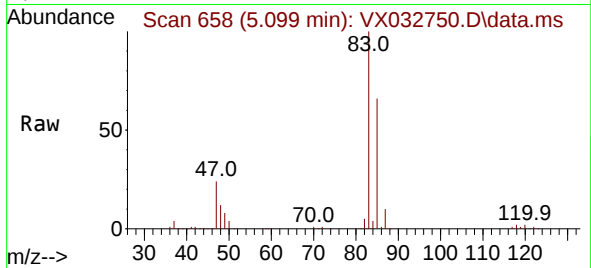
#25
Chloroform
Concen: 234.355 ug/l
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 433360
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0

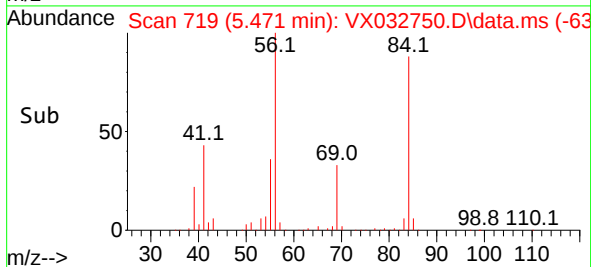
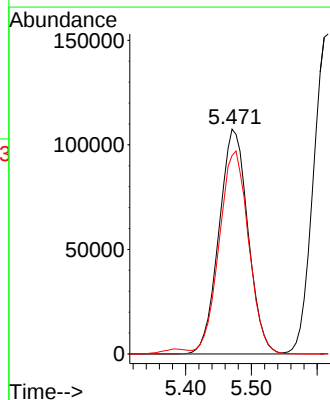
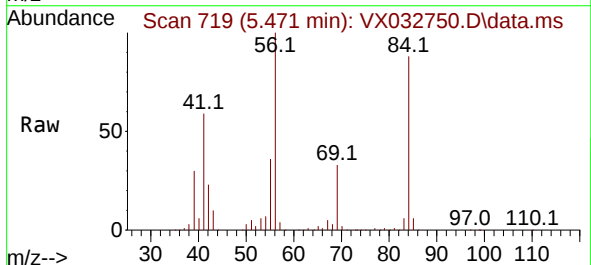
Manual Integrations
APPROVED

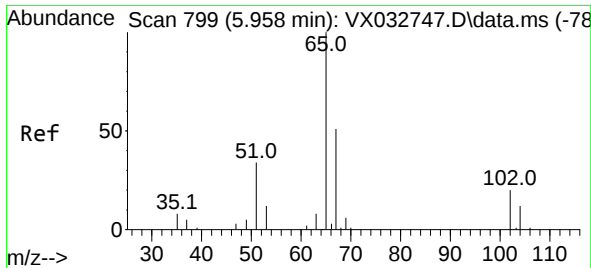
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#26
Cyclohexane
Concen: 252.796 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 56 Resp: 330531
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.5 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 36.126 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 3760

Ion Ratio Lower Upper

65 100

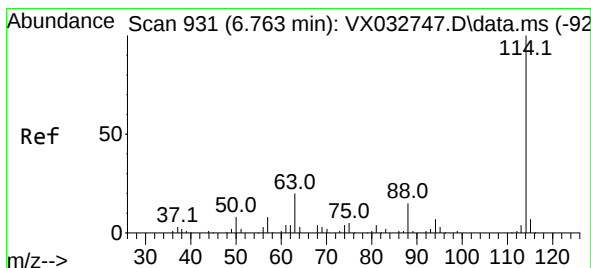
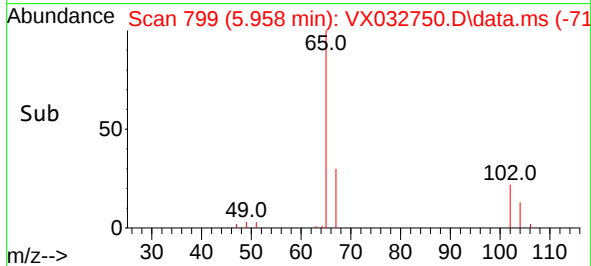
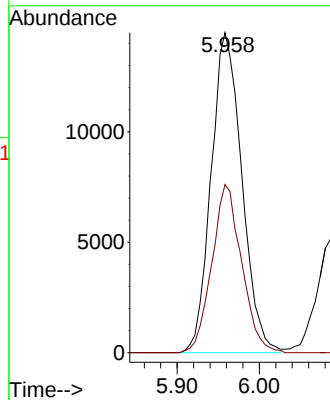
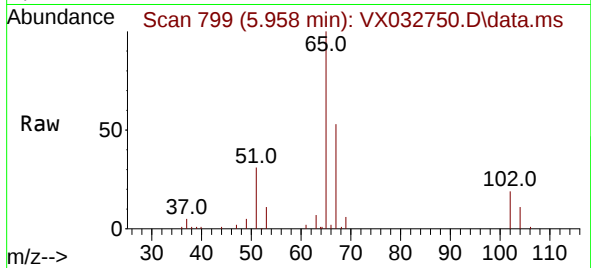
67 50.9 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

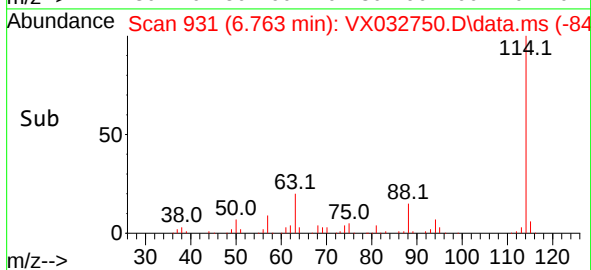
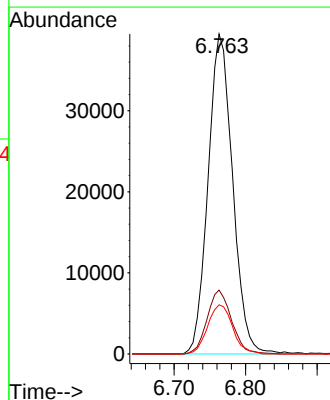
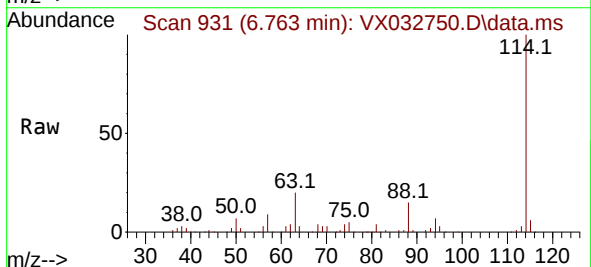
Tgt Ion:114 Resp: 94141

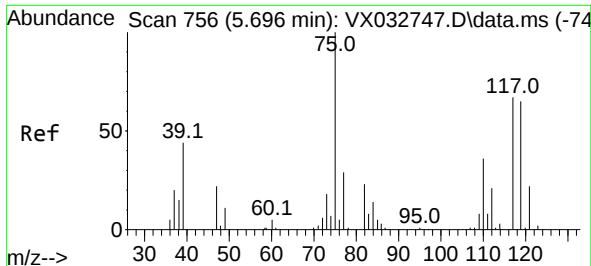
Ion Ratio Lower Upper

114 100

63 19.8 13.6 20.4

88 15.6 11.8 17.6





#29

1,1-Dichloropropene

Concen: 196.498 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 309964

Ion Ratio Lower Upper

75 100

110 36.3 0.0 80.4

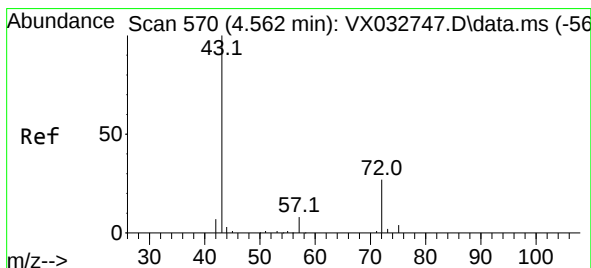
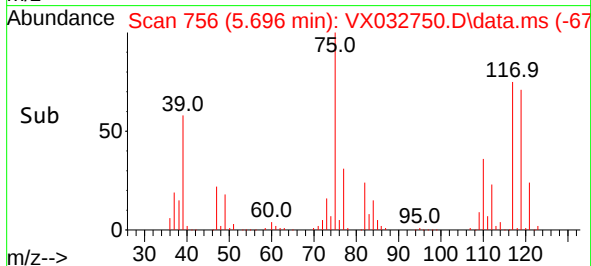
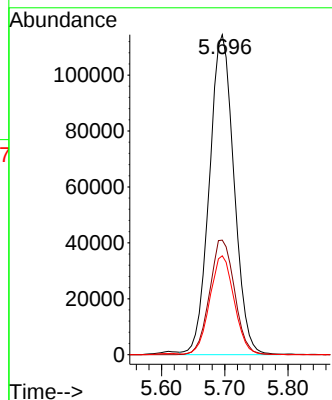
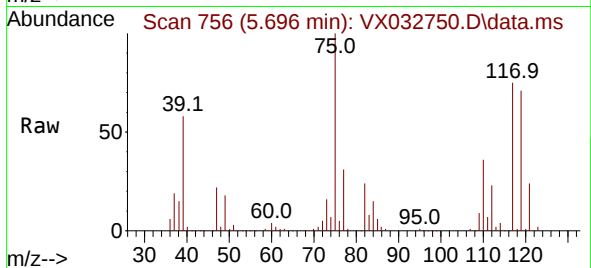
77 30.8 0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

2-Butanone

Concen: 1075.854 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

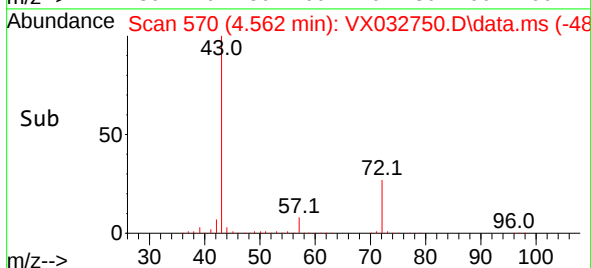
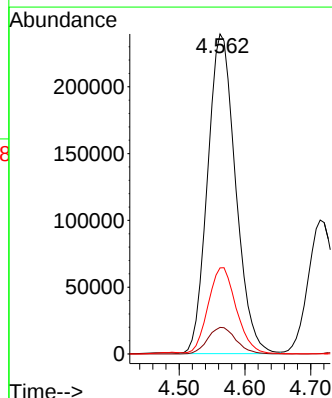
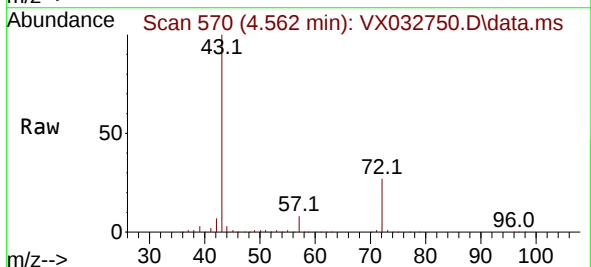
Tgt Ion: 43 Resp: 709149

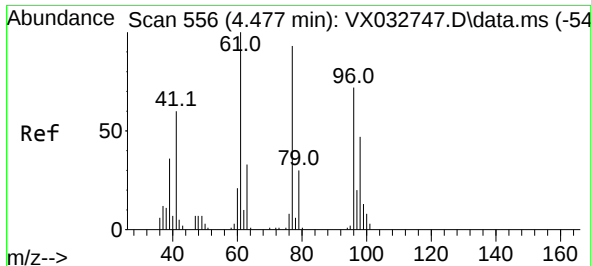
Ion Ratio Lower Upper

43 100

57 8.4 7.5 11.3

72 27.3 26.6 39.8





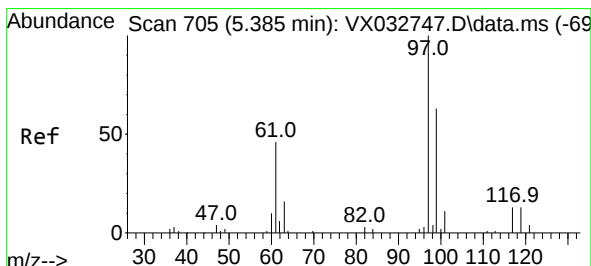
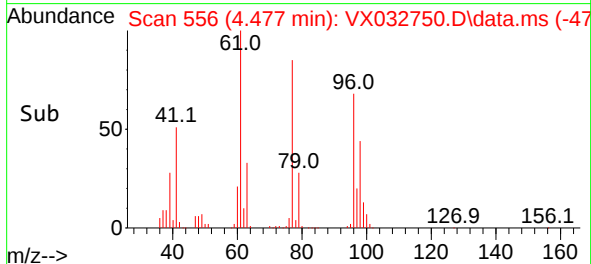
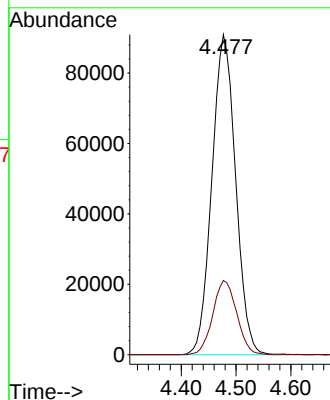
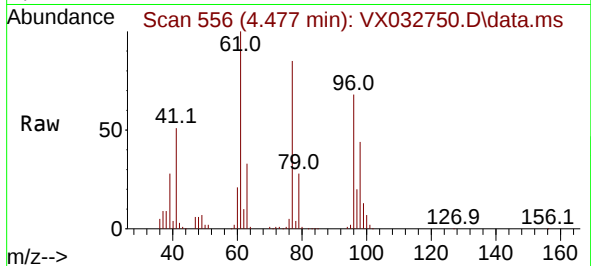
#31
2,2-Dichloropropane
Concen: 178.672 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 27303
Ion Ratio Lower Upper
77 100
97 23.3 20.0 30.0

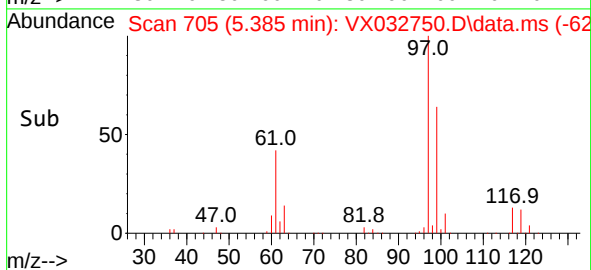
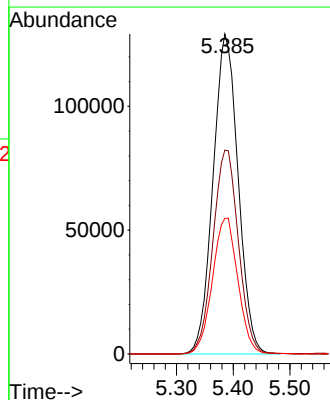
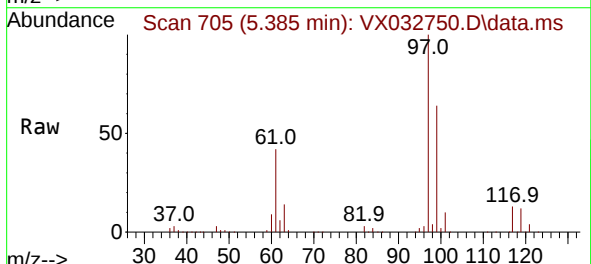
Manual Integrations
APPROVED

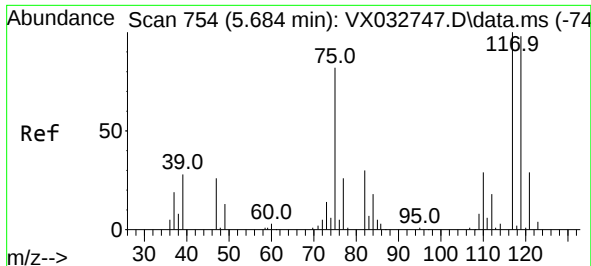
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#32
1,1,1-Trichloroethane
Concen: 191.990 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

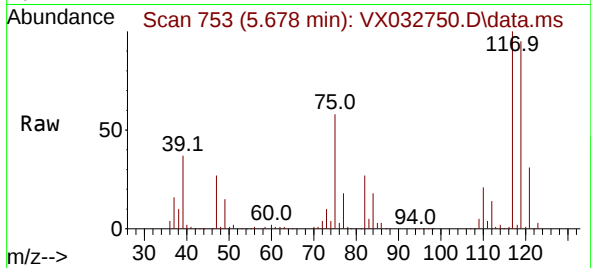
Tgt Ion: 97 Resp: 397212
Ion Ratio Lower Upper
97 100
99 64.8 53.8 80.6
61 43.0 31.3 46.9





#33
Carbon Tetrachloride
Concen: 188.405 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

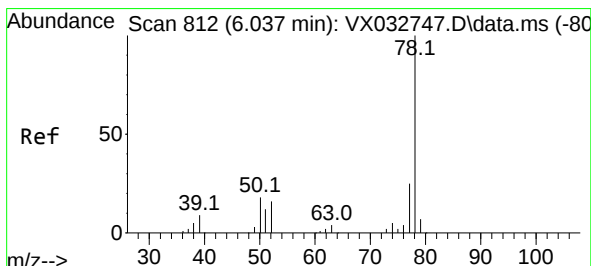
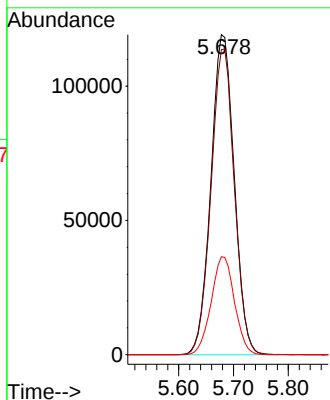
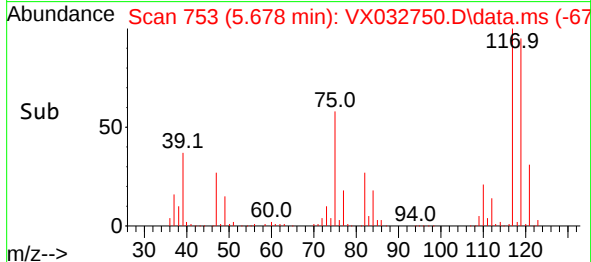
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 35239
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.2
121 30.6 24.4 36.6

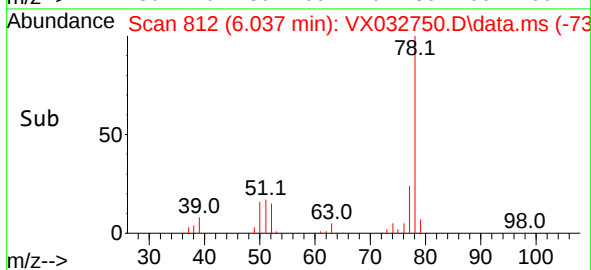
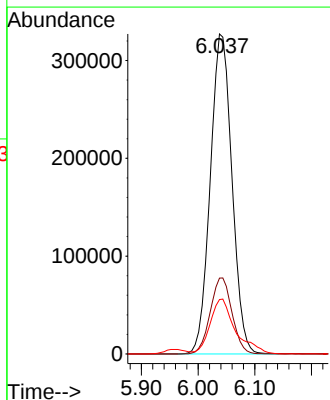
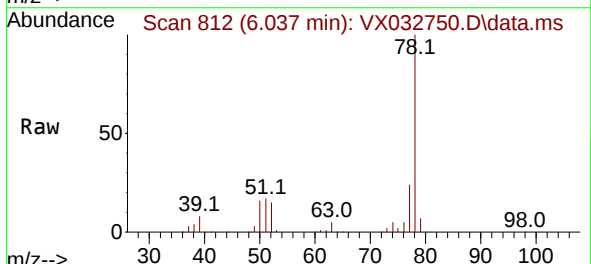
Manual Integrations
APPROVED

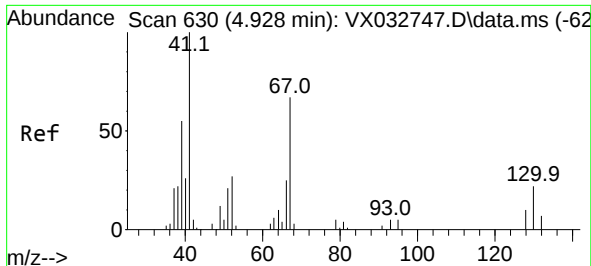
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#34
Benzene
Concen: 188.844 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

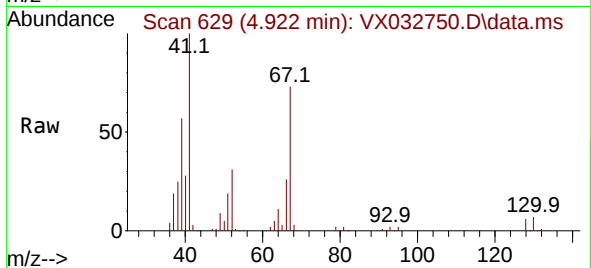
Tgt Ion: 78 Resp: 869203
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
51 16.9 10.6 15.8#





#35
Methacrylonitrile
Concen: 234.686 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

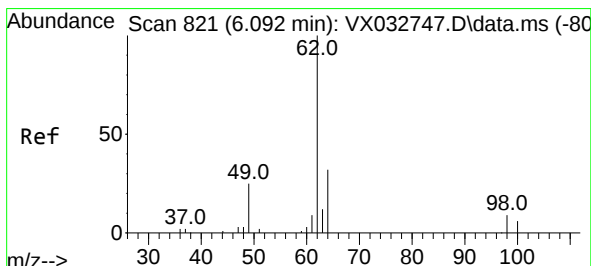
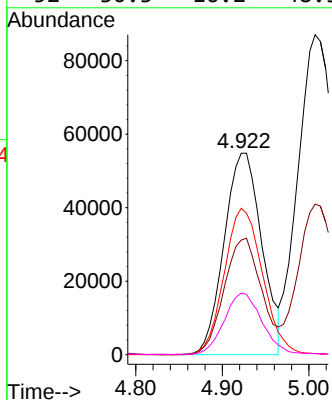
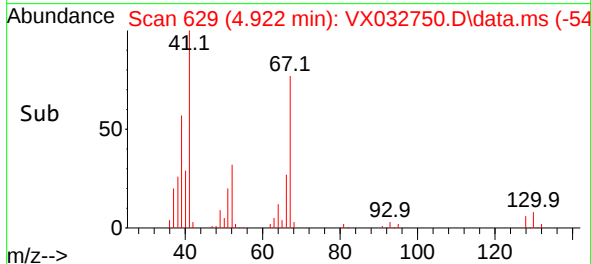
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 166104
Ion Ratio Lower Upper
41 100
39 56.7 26.9 80.7
67 72.6 40.6 121.8
52 30.3 16.2 48.5

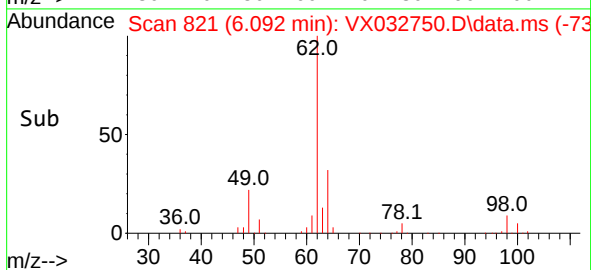
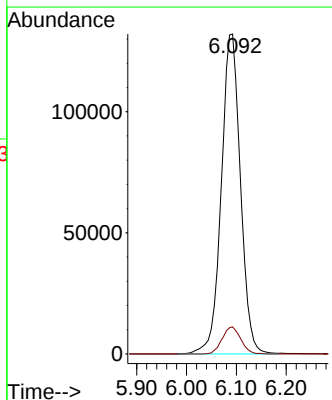
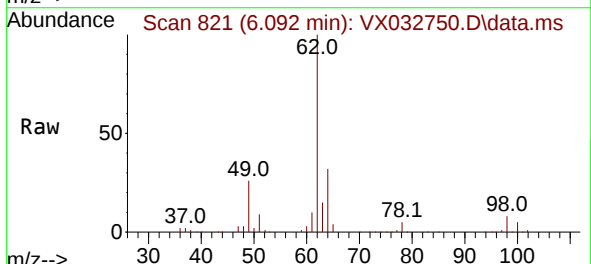
Manual Integrations
APPROVED

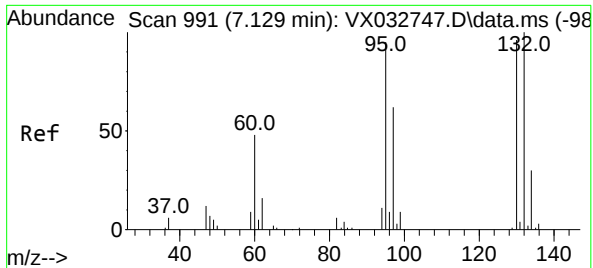
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
1,2-Dichloroethane
Concen: 208.029 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

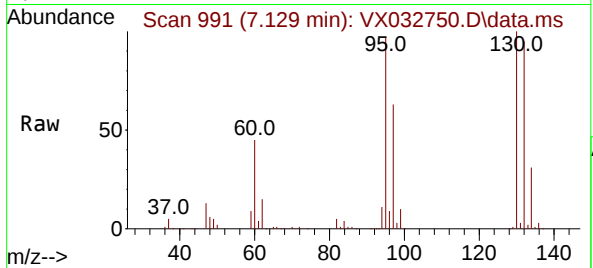
Tgt Ion: 62 Resp: 352136
Ion Ratio Lower Upper
62 100
98 8.2 8.8 13.2#





#37
Trichloroethene
Concen: 164.383 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

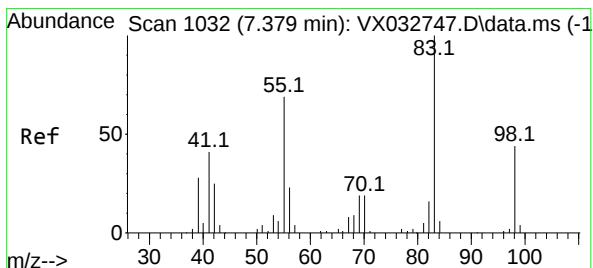
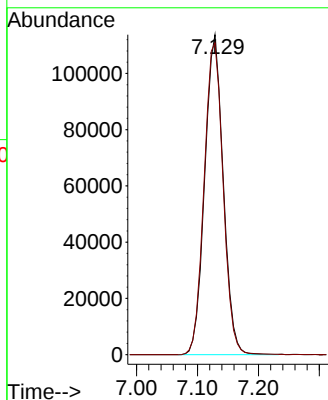
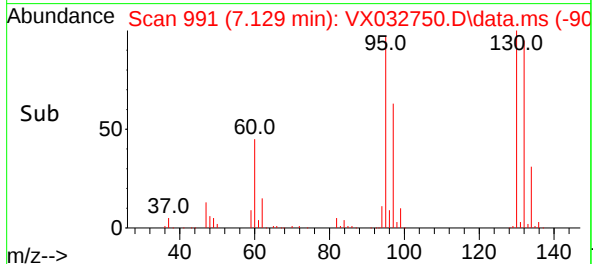
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



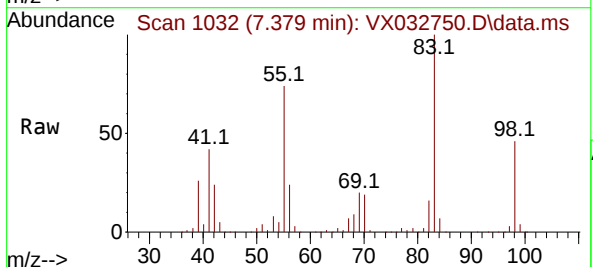
Tgt Ion:130 Resp: 24073
Ion Ratio Lower Upper
130 100
95 97.4 72.4 108.6

Manual Integrations
APPROVED

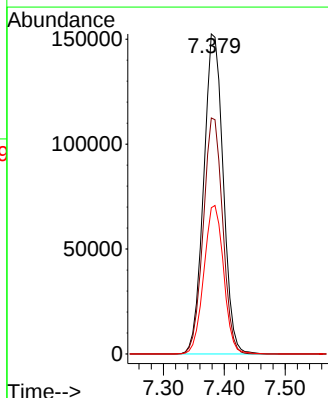
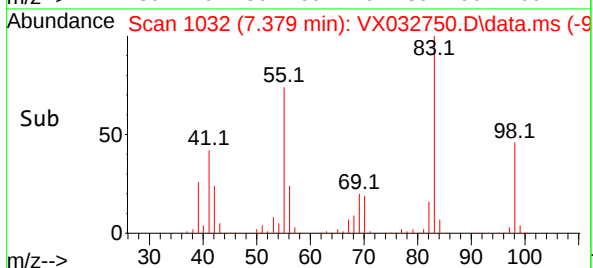
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

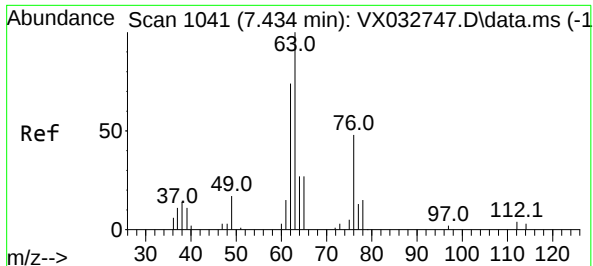


#38
Methylcyclohexane
Concen: 179.172 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



Tgt Ion: 83 Resp: 339119
Ion Ratio Lower Upper
83 100
55 73.5 31.6 94.7
98 47.1 26.9 80.6





#39

1,2-Dichloropropane

Concen: 200.549 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 216850

Ion Ratio Lower Upper

63 100

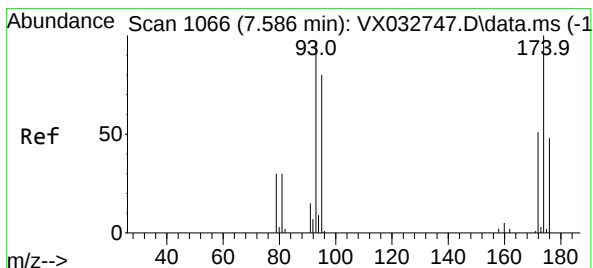
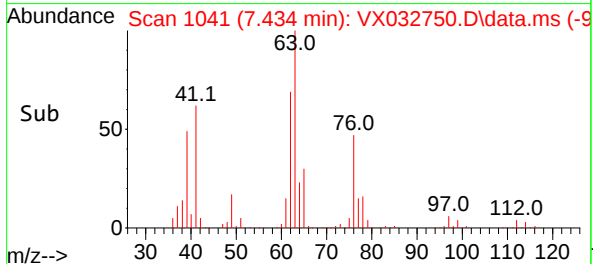
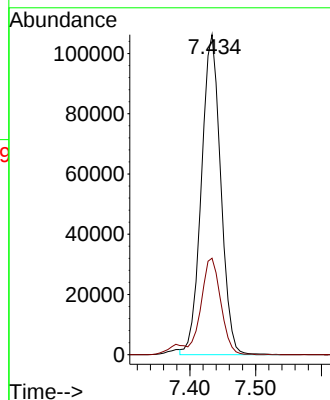
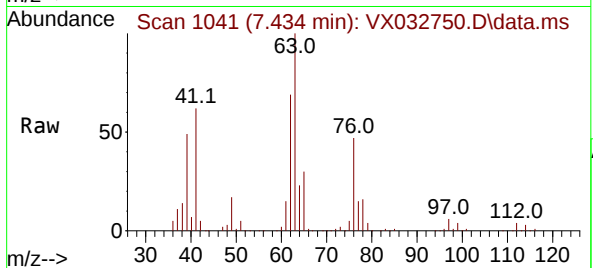
65 30.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

Dibromomethane

Concen: 183.300 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

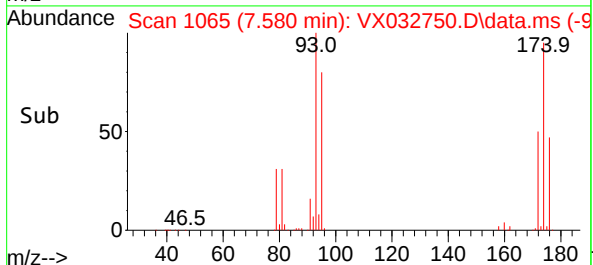
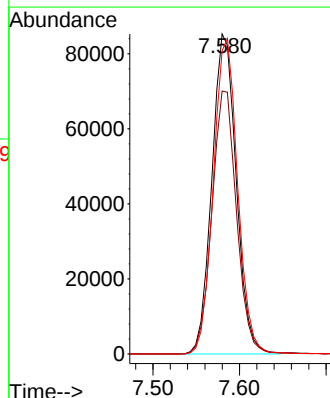
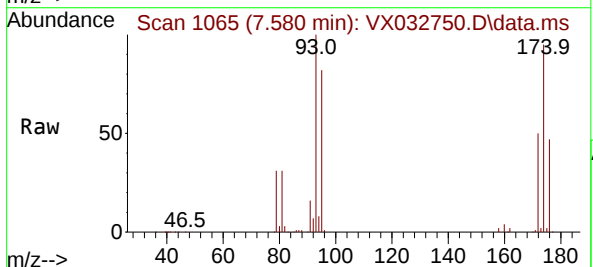
Tgt Ion: 93 Resp: 167003

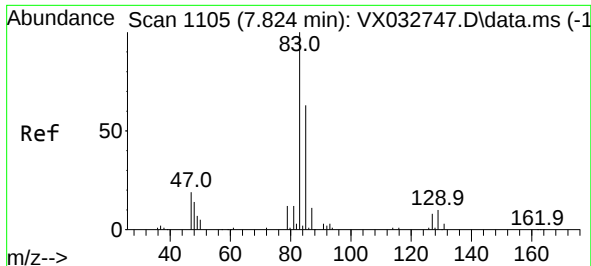
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.0

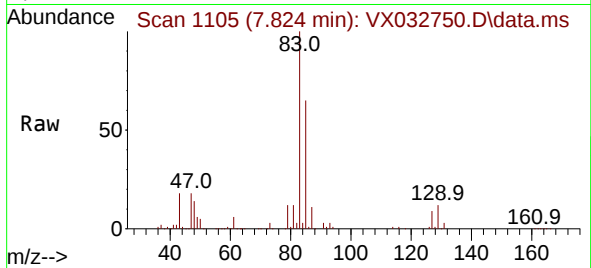
174 98.1 0.0 205.2





#41
Bromodichloromethane
Concen: 200.796 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

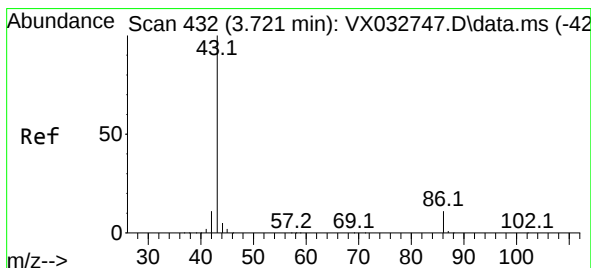
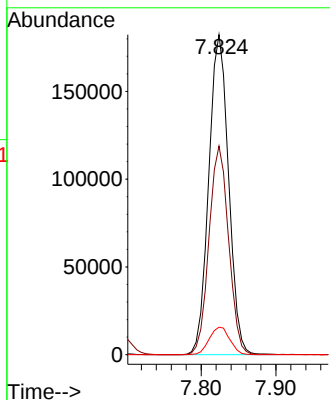
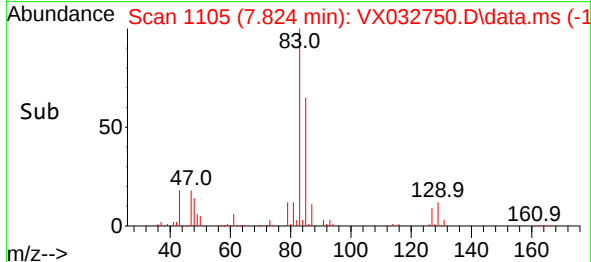
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 336460
Ion Ratio Lower Upper
83 100
85 65.2 52.3 78.5
127 8.6 6.8 10.2

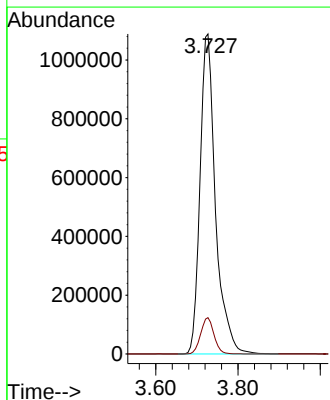
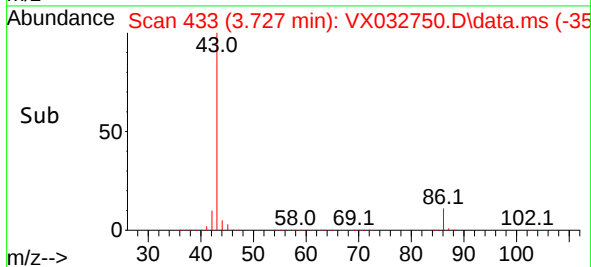
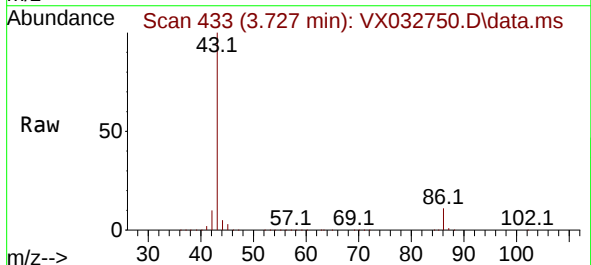
Manual Integrations
APPROVED

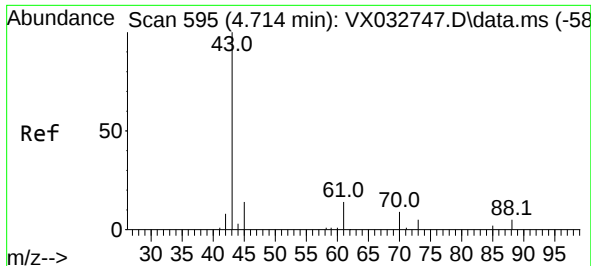
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42
Vinyl Acetate
Concen: 1168.497 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 43 Resp: 2839452
Ion Ratio Lower Upper
43 100
86 9.8 10.3 15.5#





#43

Ethyl Acetate

Concen: 220.412 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 294614

Ion Ratio Lower Upper

43 100

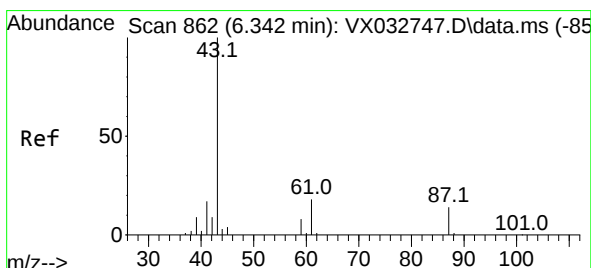
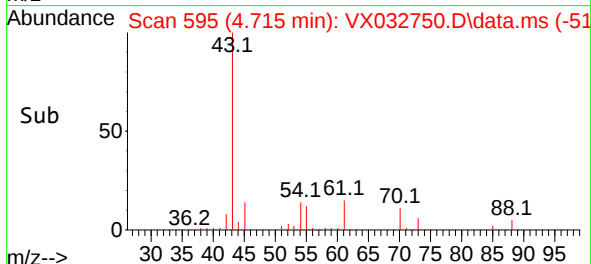
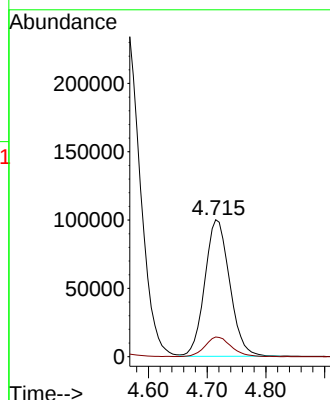
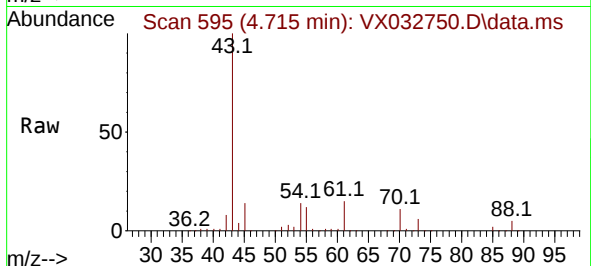
45 15.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#44

Isopropyl Acetate

Concen: 235.579 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032750.D

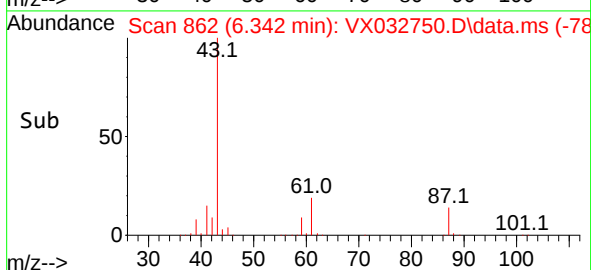
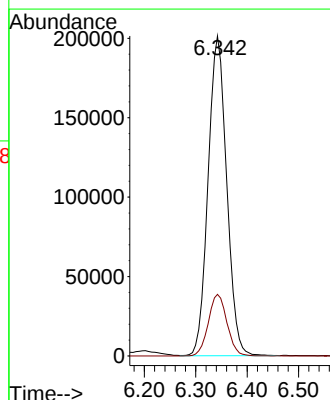
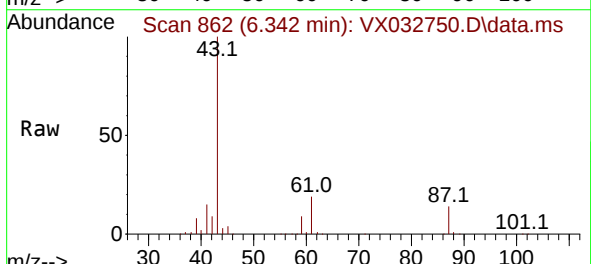
Acq: 11 Nov 2022 02:08

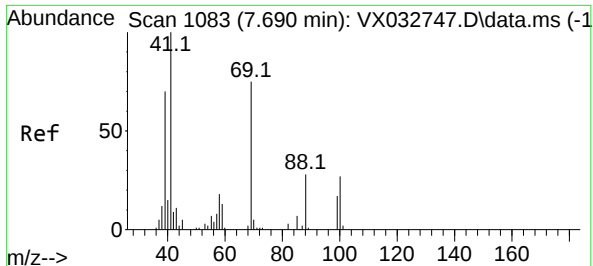
Tgt Ion: 43 Resp: 505244

Ion Ratio Lower Upper

43 100

61 19.4 17.2 25.8





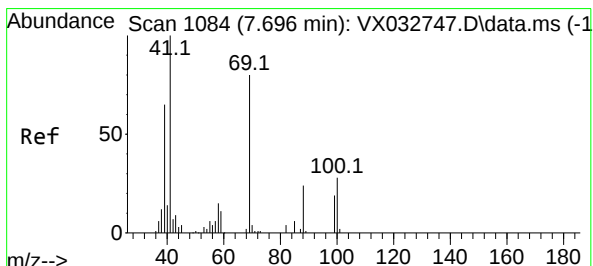
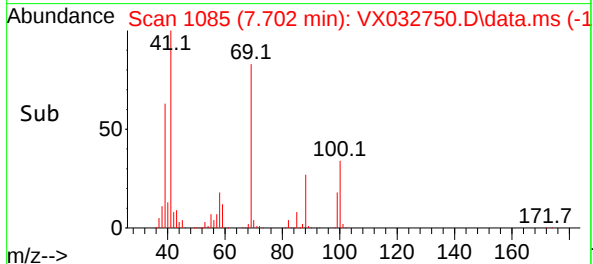
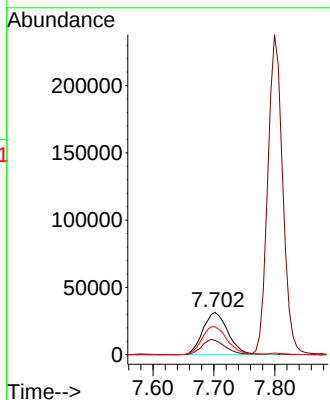
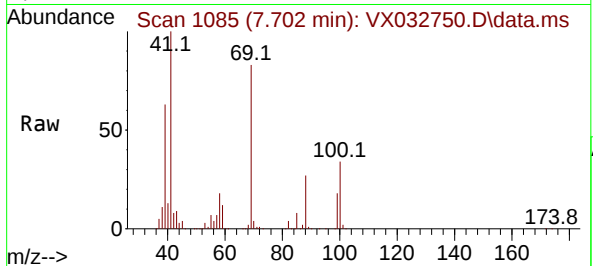
#45
1,4-Dioxane
Concen: 3308.318 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 9030
Ion Ratio Lower Upper
88 100
43 32.7 20.4 30.6
58 66.8 44.0 66.0

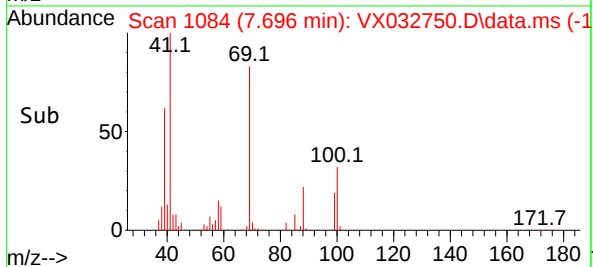
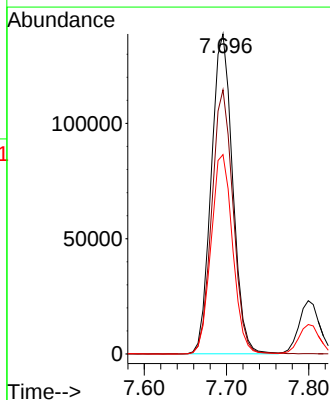
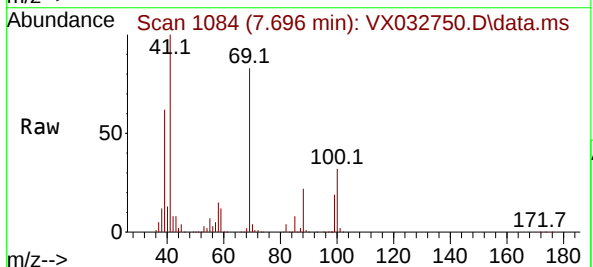
Manual Integrations
APPROVED

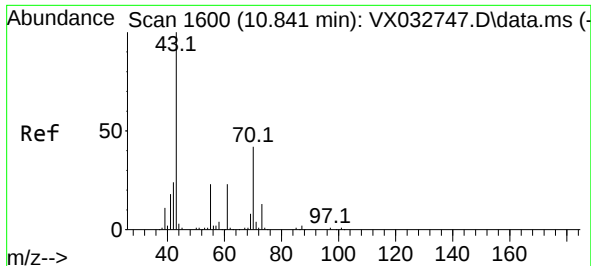
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#46
Methyl methacrylate
Concen: 245.538 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

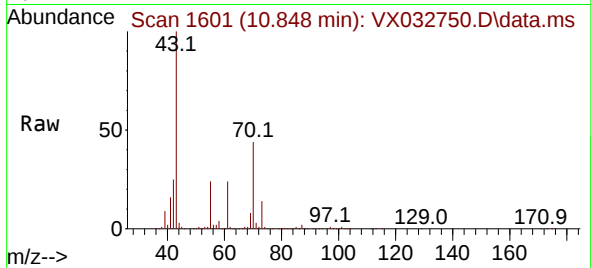
Tgt Ion: 41 Resp: 251141
Ion Ratio Lower Upper
41 100
69 82.6 50.5 151.5
39 62.3 34.6 103.8





#47
n-amy1 Acetate
Concen: 238.726 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

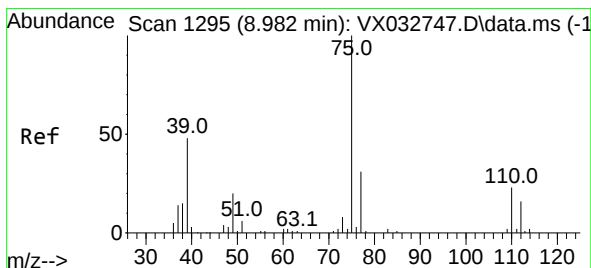
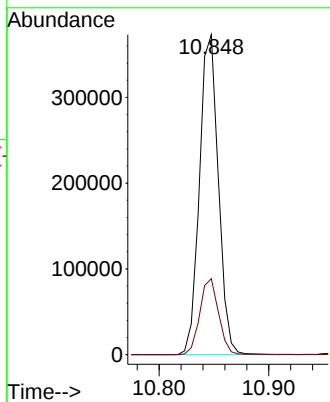
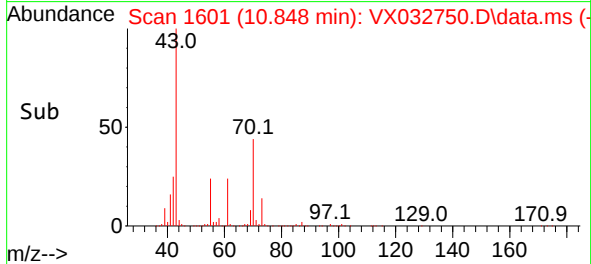
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 446273
Ion Ratio Lower Upper
43 100
55 23.7 21.6 32.4

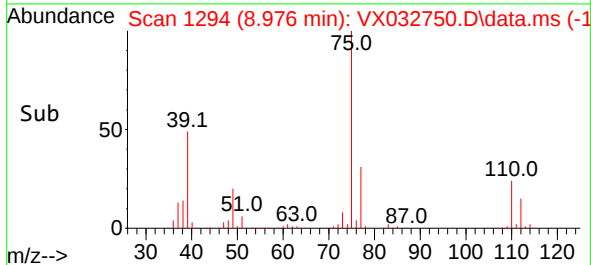
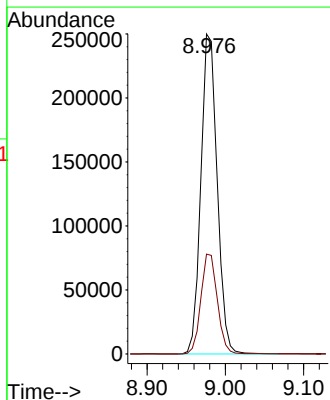
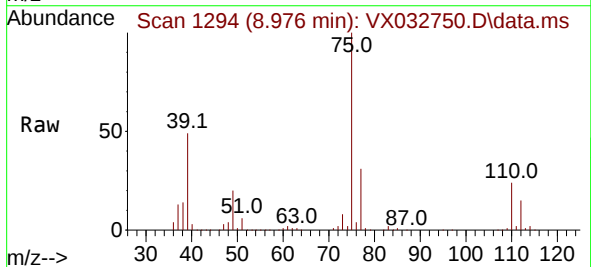
Manual Integrations
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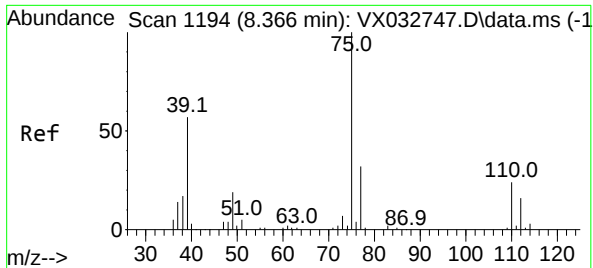
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#48
t-1,3-Dichloropropene
Concen: 216.470 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 75 Resp: 361108
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 206.029 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 37296

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

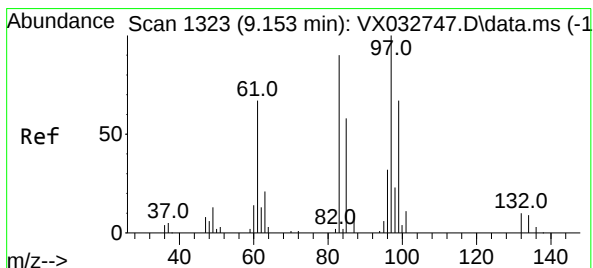
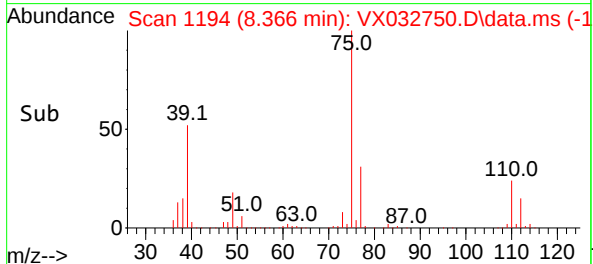
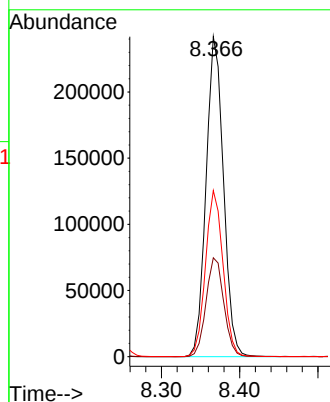
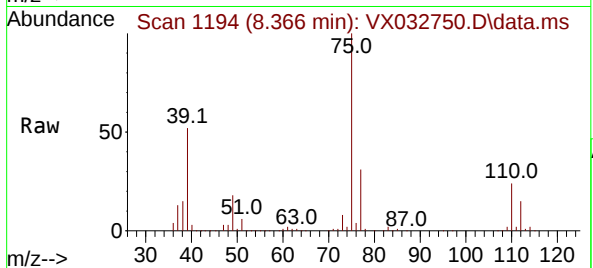
39 51.9 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

1,1,2-Trichloroethane

Concen: 182.896 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Tgt Ion: 97 Resp: 237058

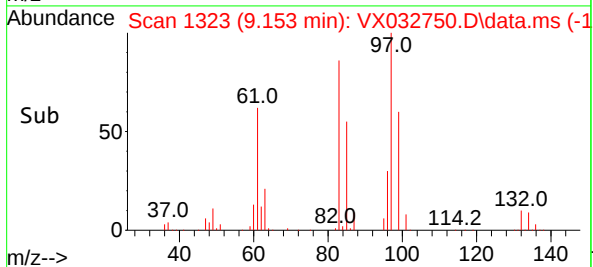
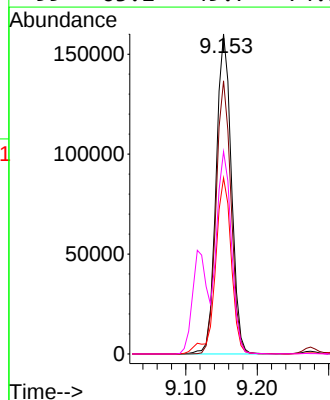
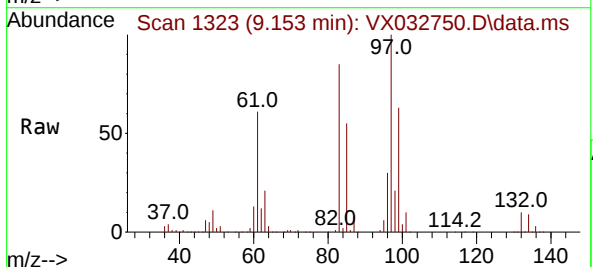
Ion Ratio Lower Upper

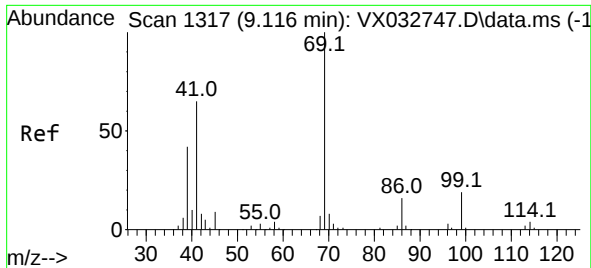
97 100

83 85.3 62.2 93.4

85 55.0 44.2 66.2

99 63.2 49.7 74.5





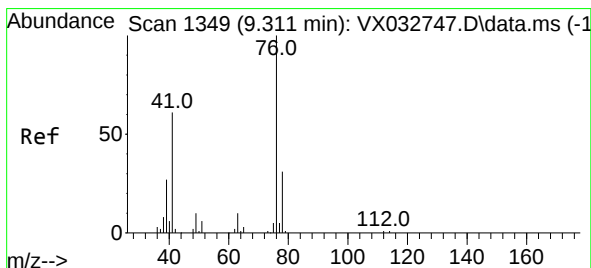
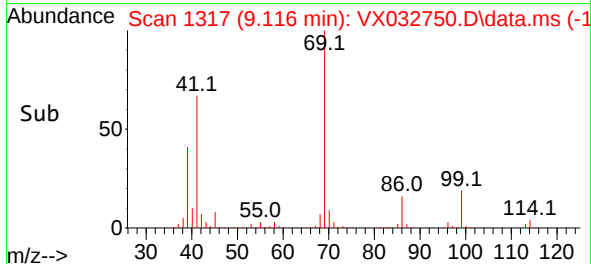
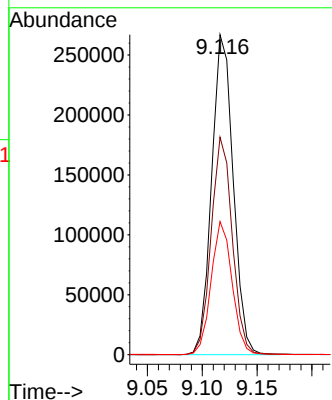
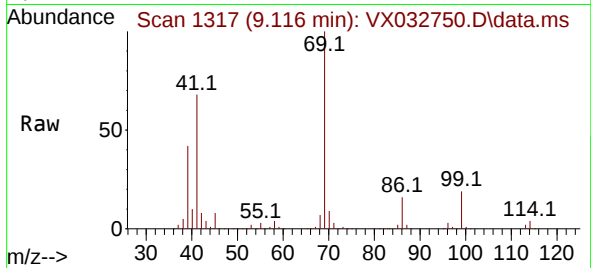
#51
Ethyl methacrylate
Concen: 209.477 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 69 Resp: 36493
Ion Ratio Lower Upper
69 100
41 67.9 25.9 77.7
39 41.6 17.8 53.3

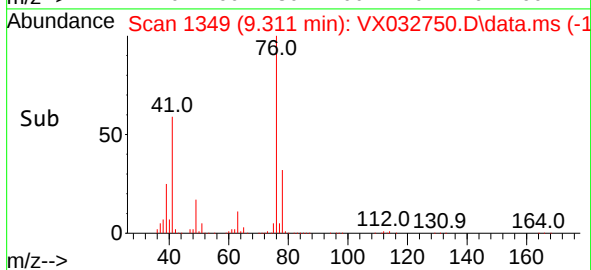
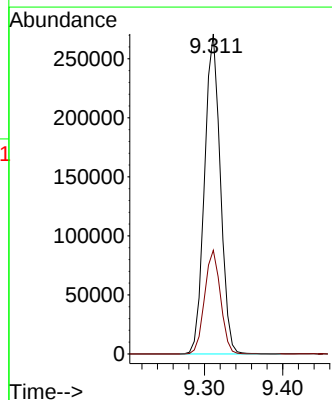
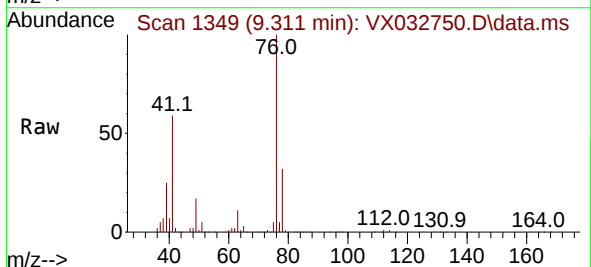
Manual Integrations
APPROVED

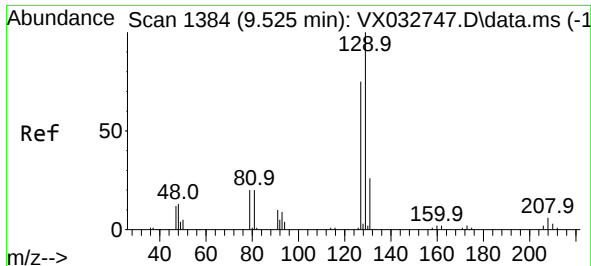
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
1,3-Dichloropropane
Concen: 187.390 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 76 Resp: 380181
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.0





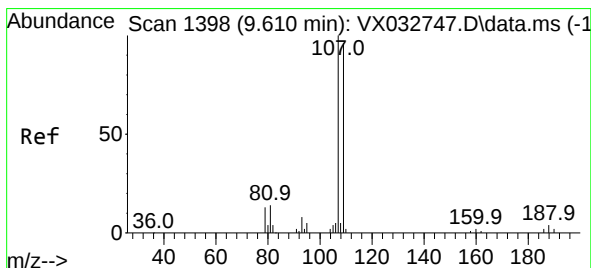
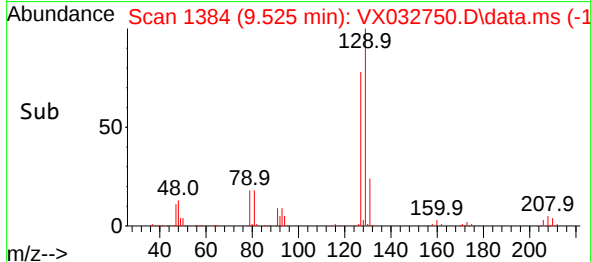
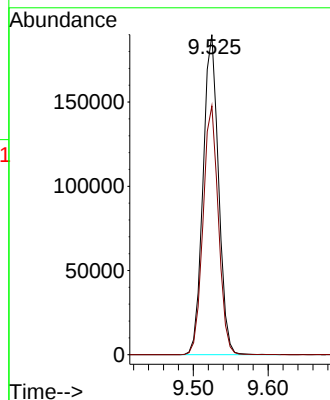
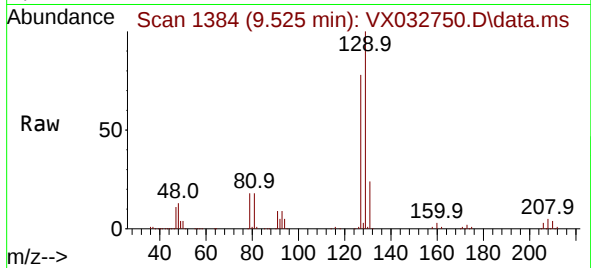
#53
Dibromochloromethane
Concen: 188.030 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:129 Resp: 27273
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

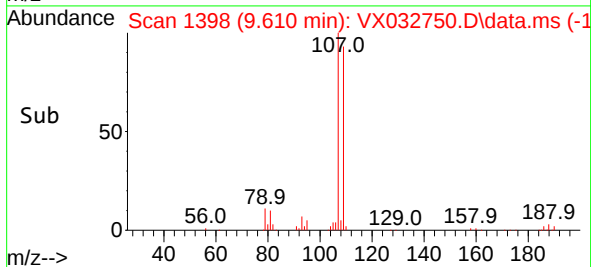
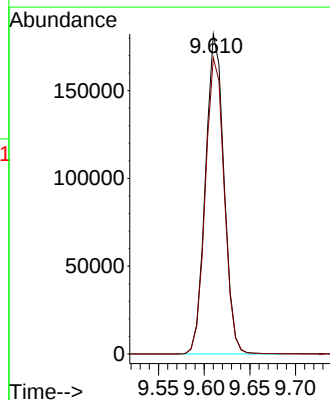
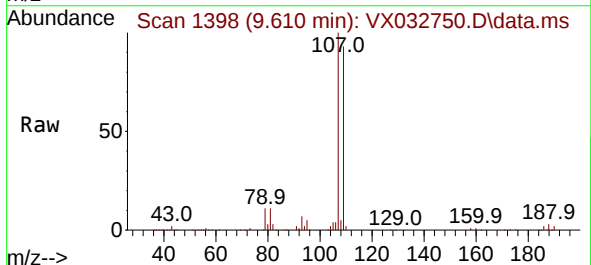
Manual Integrations
APPROVED

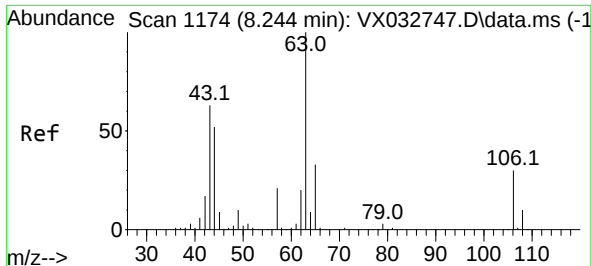
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#54
1,2-Dibromoethane
Concen: 179.028 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

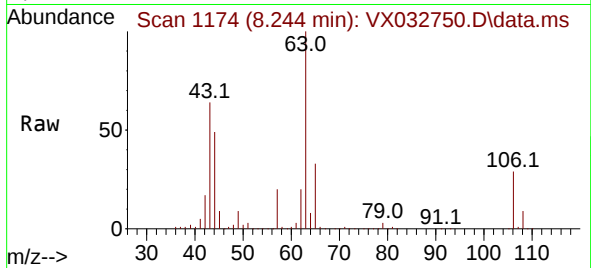
Tgt Ion:107 Resp: 256079
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 1017.978 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

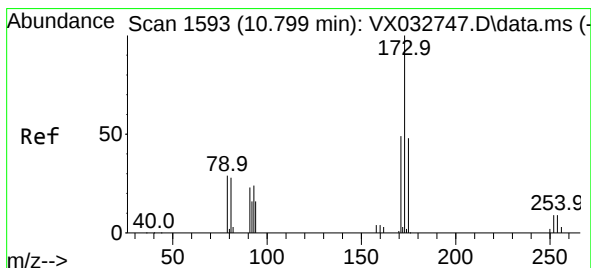
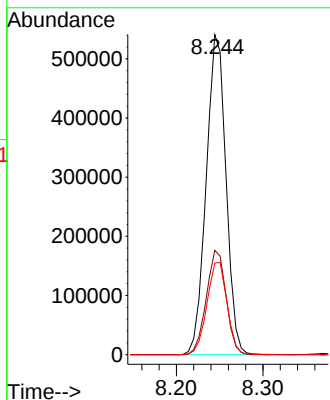
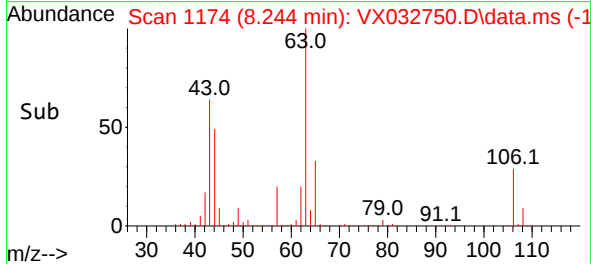
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 85909
Ion Ratio Lower Upper
63 100
65 32.5 25.5 38.3
106 29.4 28.9 43.3

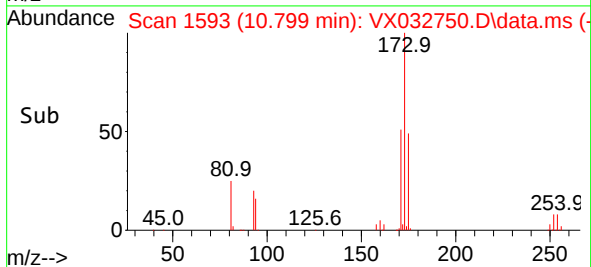
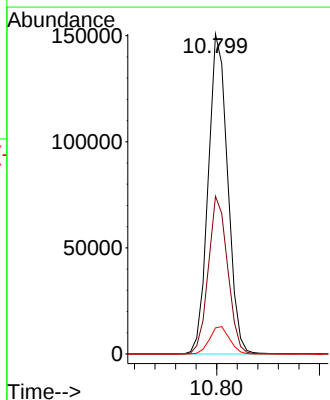
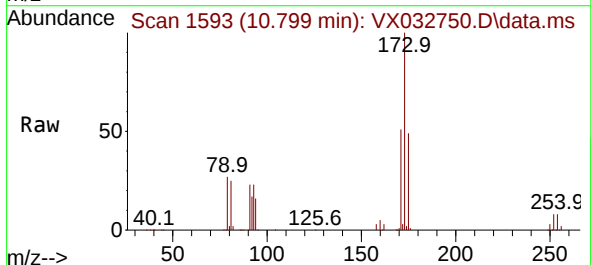
Manual Integrations
APPROVED

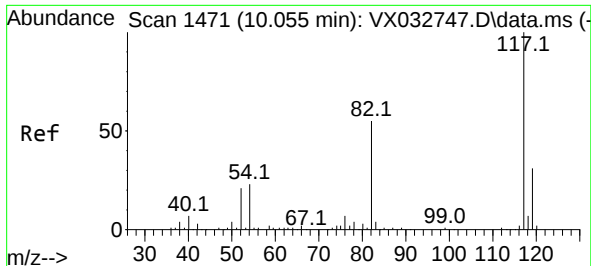
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#56
Bromoform
Concen: 186.249 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

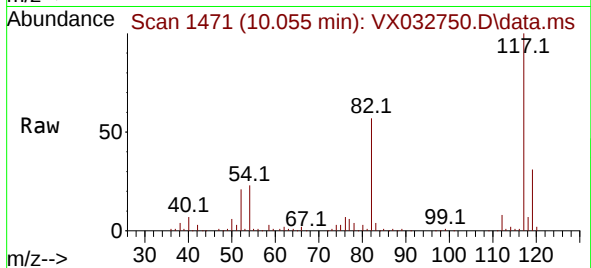
Tgt Ion:173 Resp: 198008
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 8.8 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

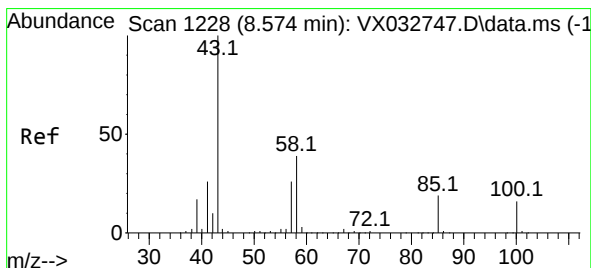
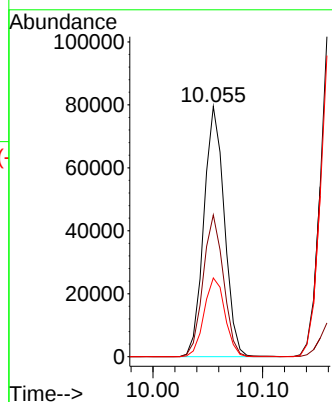
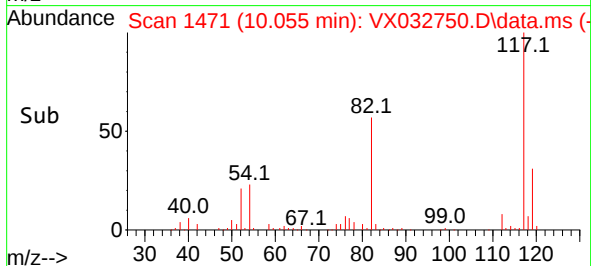
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



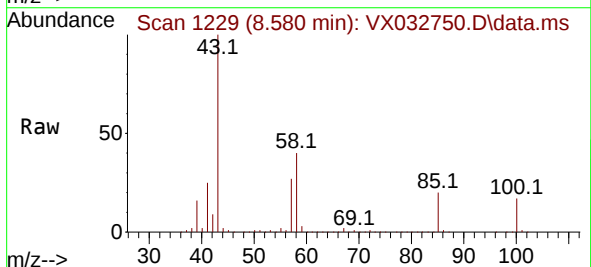
Tgt Ion: 117 Resp: 10318
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 32.0 26.0 39.0

Manual Integrations
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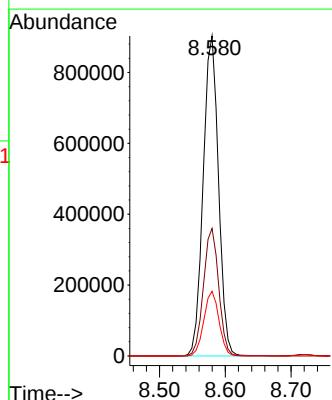
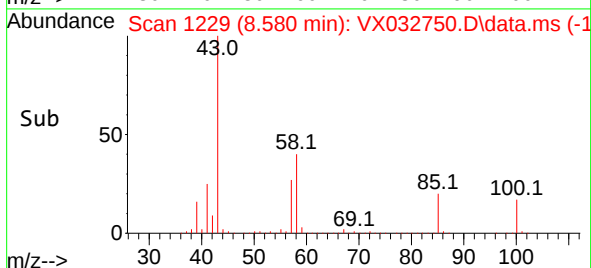
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

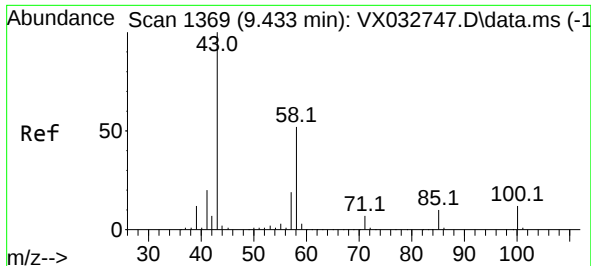


#58
4-Methyl-2-Pentanone
Concen: 976.751 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



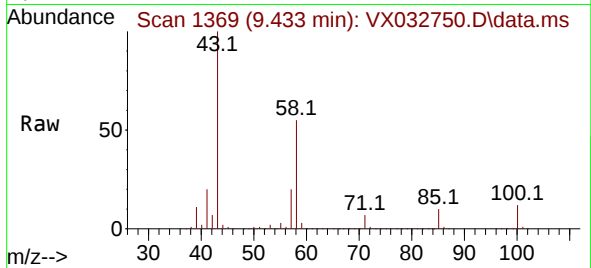
Tgt Ion: 43 Resp: 1462409
Ion Ratio Lower Upper
43 100
58 39.6 34.9 52.3
85 20.0 19.4 29.2





#59
2-Hexanone
Concen: 958.471 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

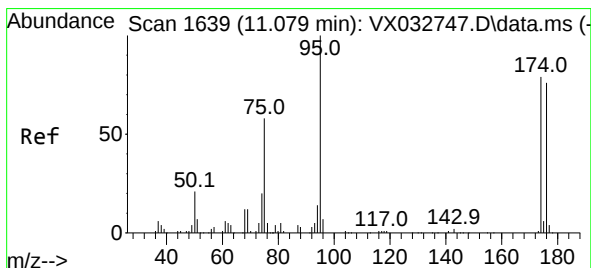
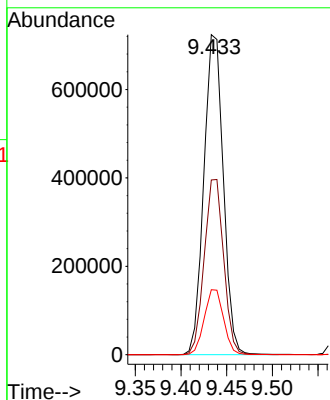
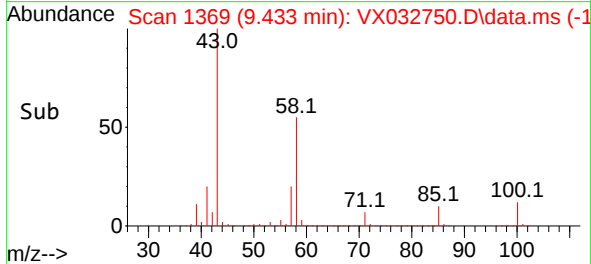
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



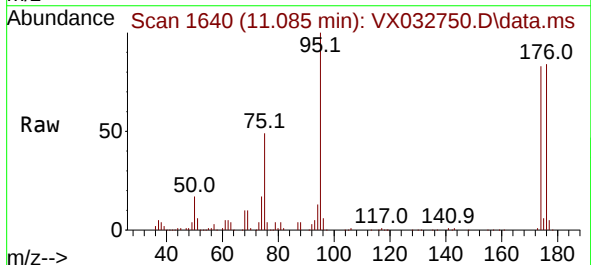
Tgt Ion: 43 Resp: 107035
Ion Ratio Lower Upper
43 100
58 54.7 49.0 73.6
57 20.2 17.0 25.4

Manual Integrations
APPROVED

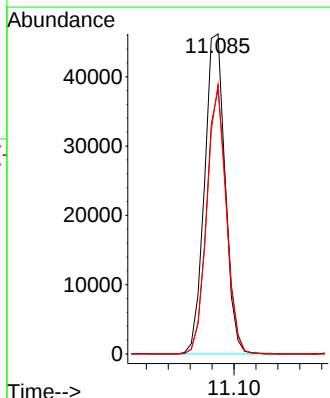
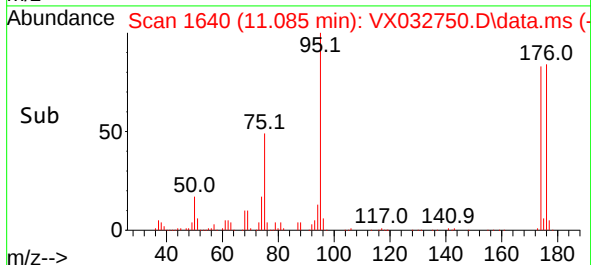
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

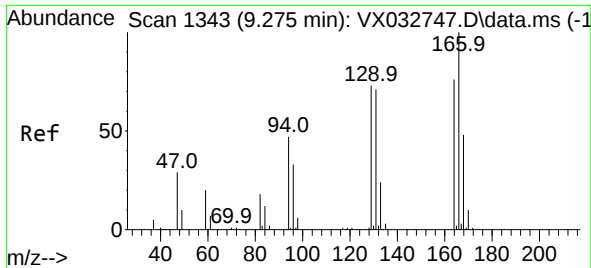


#60
4-Bromofluorobenzene
Concen: 31.595 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



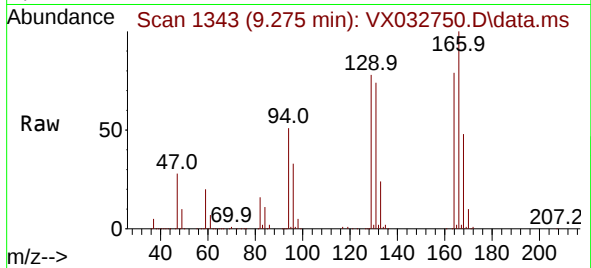
Tgt Ion: 95 Resp: 60000
Ion Ratio Lower Upper
95 100
174 80.4 68.2 102.2
176 78.6 68.1 102.1





#61
Tetrachloroethene
Concen: 129.011 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

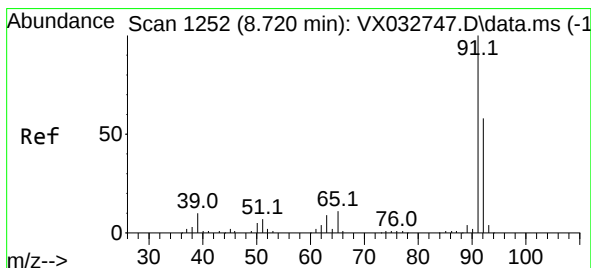
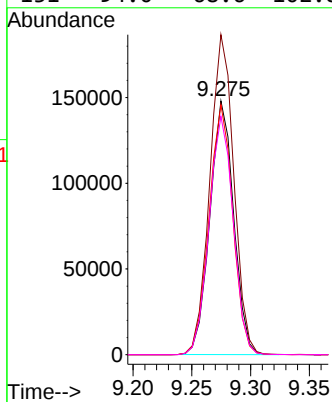
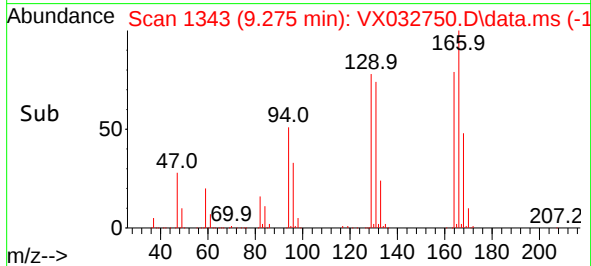
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



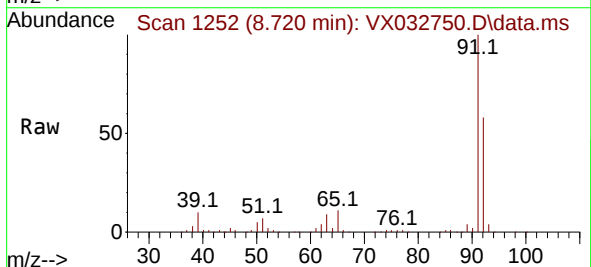
Tgt Ion:164 Resp: 208060
Ion Ratio Lower Upper
164 100
166 126.1 102.8 154.2
129 98.5 73.0 109.4
131 94.0 68.6 102.8

Manual Integrations
APPROVED

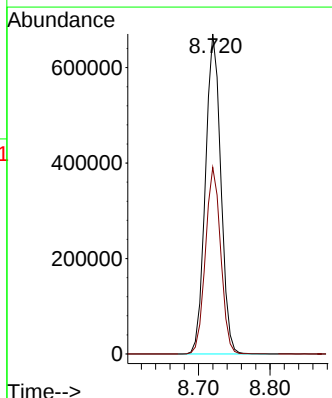
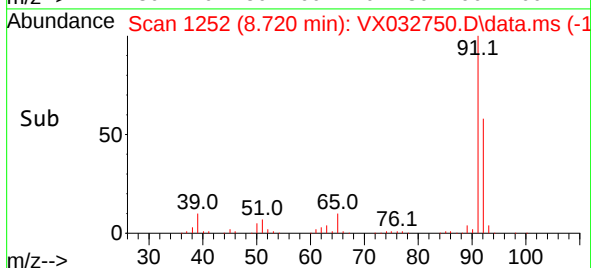
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

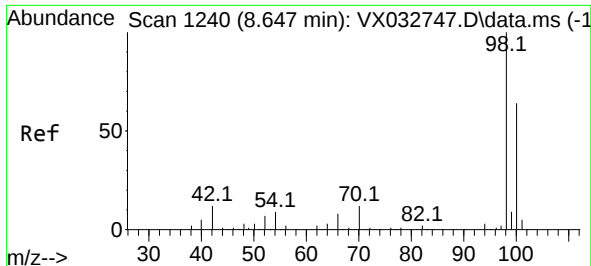


#62
Toluene
Concen: 166.417 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



Tgt Ion: 91 Resp: 1002963
Ion Ratio Lower Upper
91 100
92 57.8 47.3 70.9





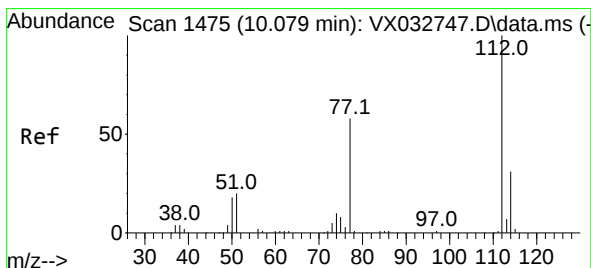
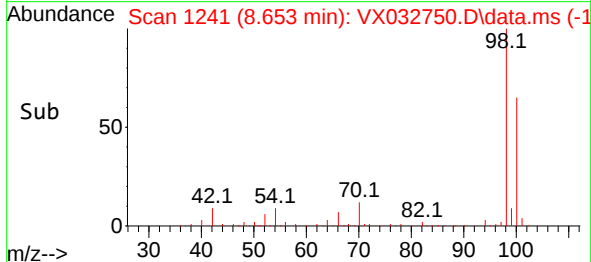
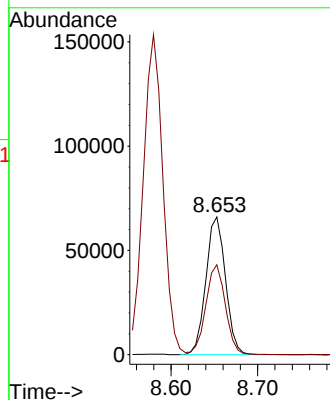
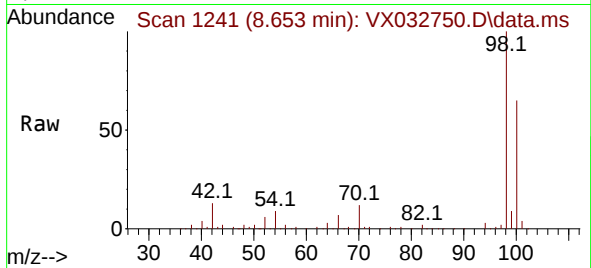
#63
Toluene-d8
Concen: 21.404 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 103860
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.8

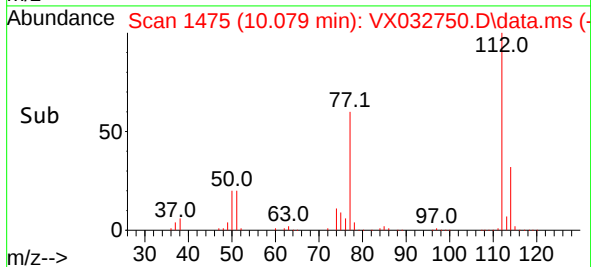
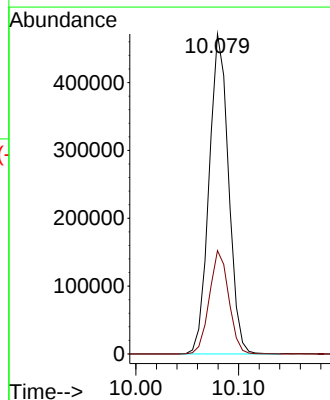
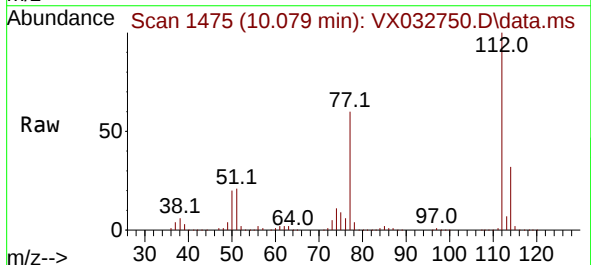
Manual Integrations
APPROVED

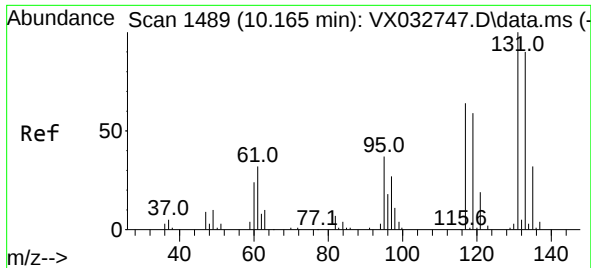
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
Chlorobenzene
Concen: 153.941 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

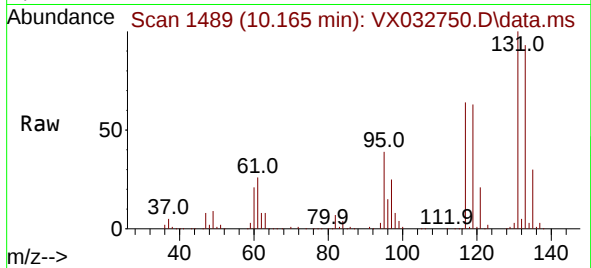
Tgt Ion:112 Resp: 620339
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 159.324 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

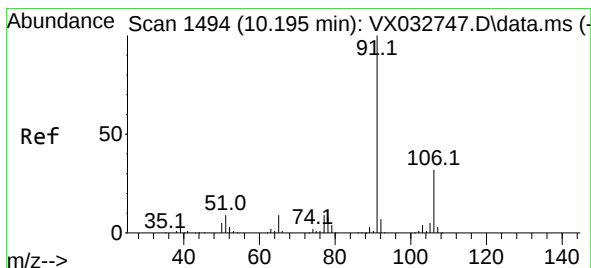
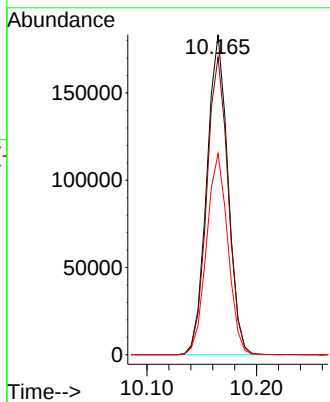
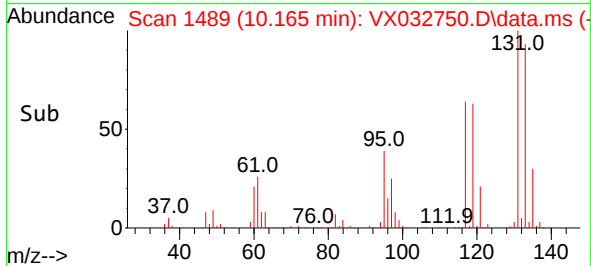
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 245570
Ion Ratio Lower Upper
131 100
133 94.0 0.0 189.4
119 63.4 0.0 127.0

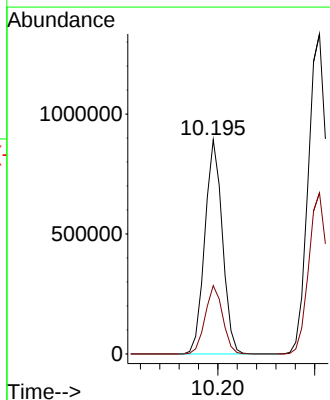
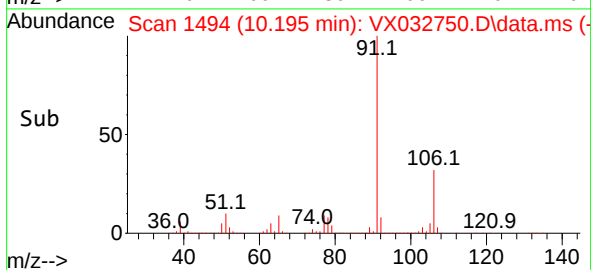
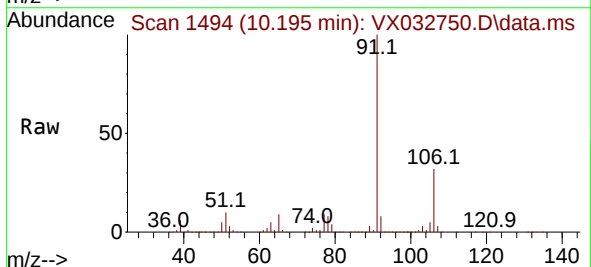
Manual Integrations
APPROVED

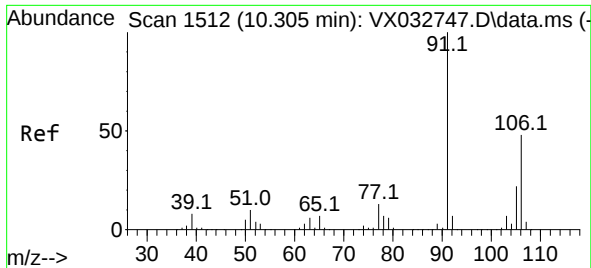
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Ethyl Benzene
Concen: 166.282 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 91 Resp: 1124991
Ion Ratio Lower Upper
91 100
106 31.9 26.7 40.1





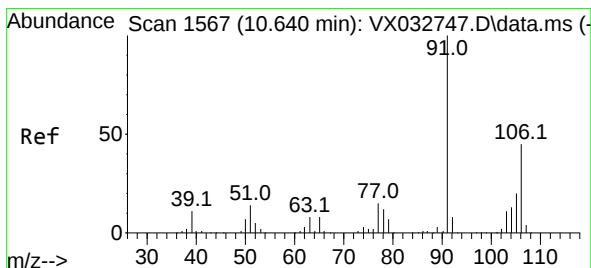
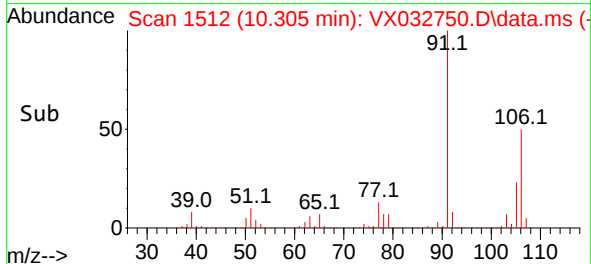
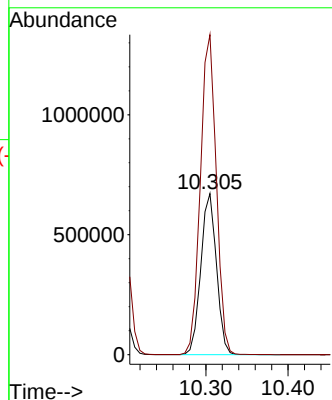
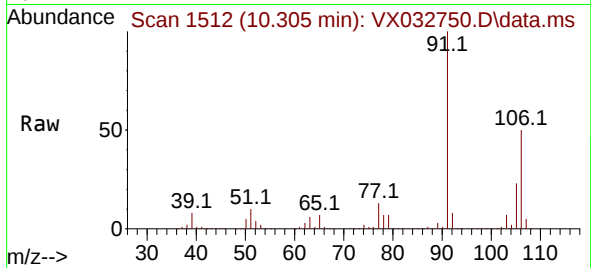
#67
m/p-Xylenes
Concen: 320.787 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 88902
Ion Ratio Lower Upper
106 100
91 202.3 152.3 228.5

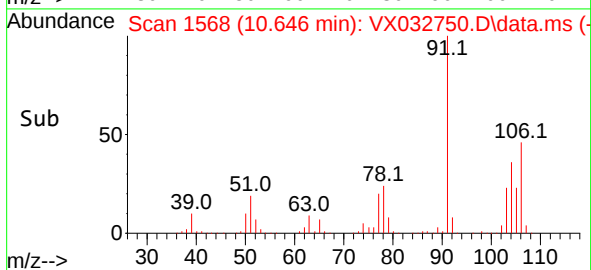
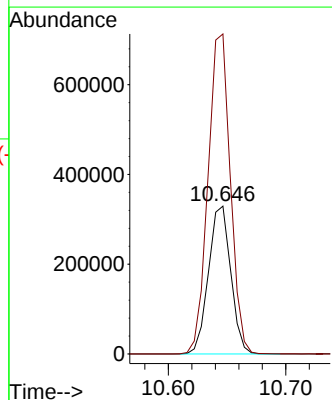
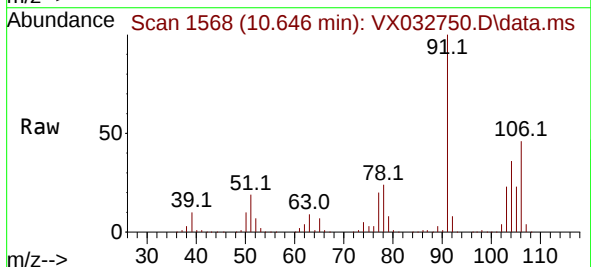
Manual Integrations
APPROVED

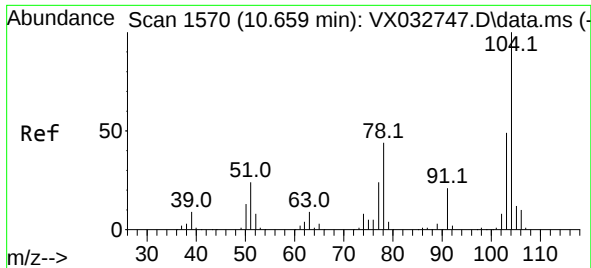
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#68
o-Xylene
Concen: 158.983 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion:106 Resp: 433738
Ion Ratio Lower Upper
106 100
91 217.1 101.9 305.7





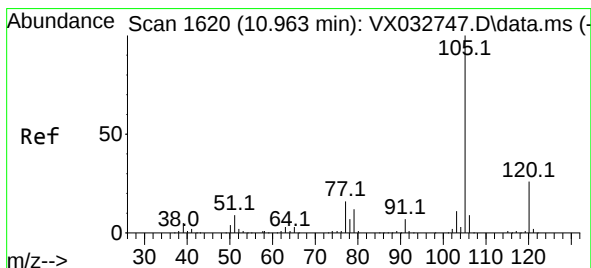
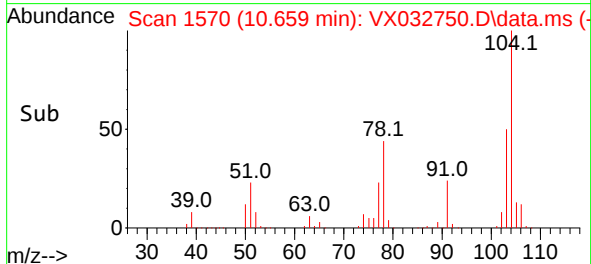
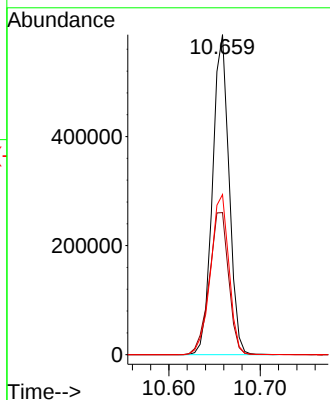
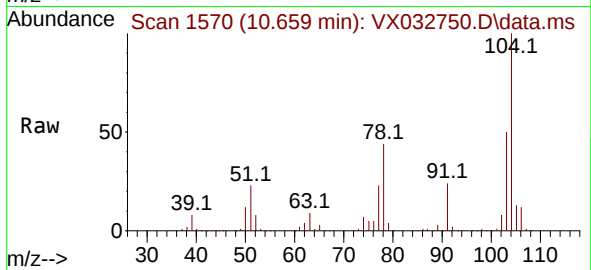
#69
Styrene
Concen: 166.166 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:104 Resp: 739149
Ion Ratio Lower Upper
104 100
78 52.0 36.6 55.0
103 55.3 43.3 64.9

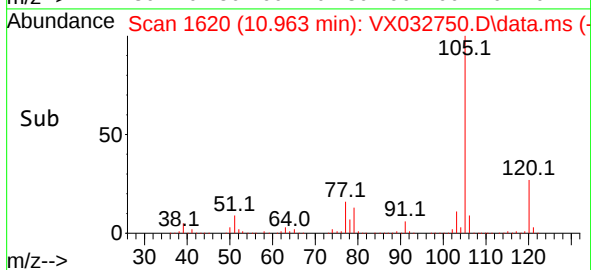
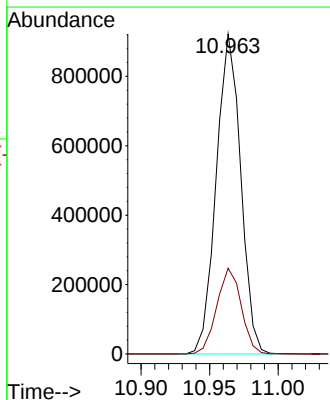
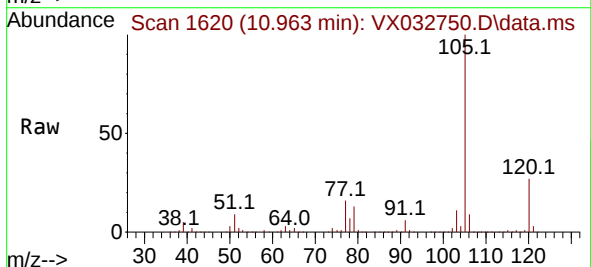
Manual Integrations
APPROVED

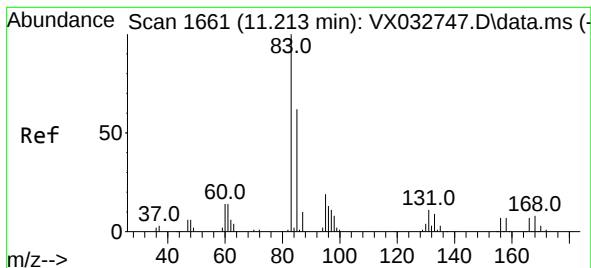
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
Isopropylbenzene
Concen: 160.861 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion:105 Resp: 1144114
Ion Ratio Lower Upper
105 100
120 26.7 19.3 35.9





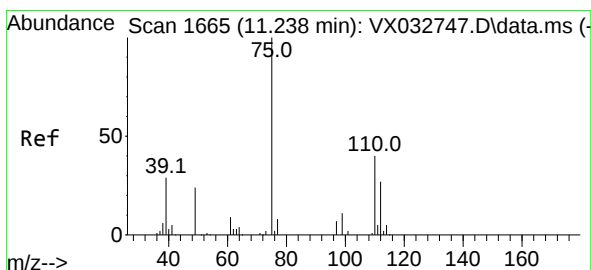
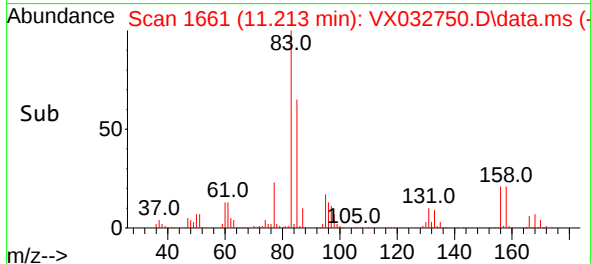
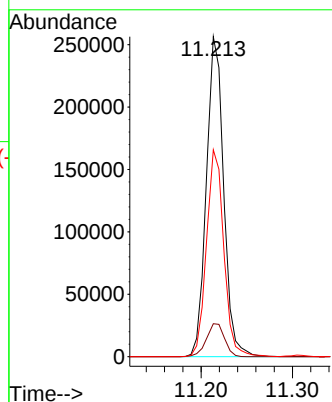
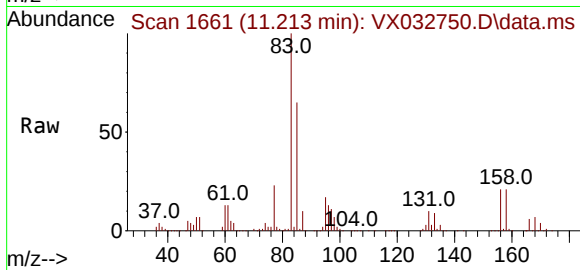
#71
1,1,2,2-Tetrachloroethane
Concen: 163.284 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 33623
Ion Ratio Lower Upper
83 100
131 10.9 6.0 18.1
85 64.8 32.8 98.3

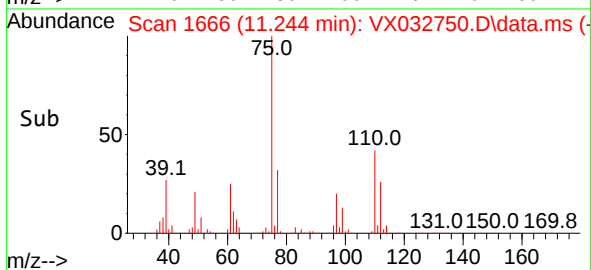
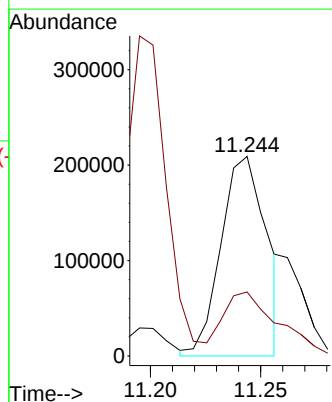
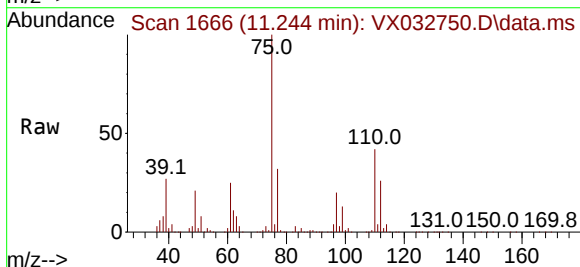
Manual Integrations
APPROVED

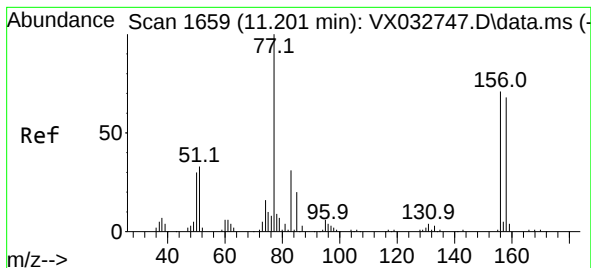
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#72
1,2,3-Trichloropropane
Concen: 167.388 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion: 75 Resp: 299791
Ion Ratio Lower Upper
75 100
77 39.0 0.0 76.6





#73

Bromobenzene

Concen: 150.423 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

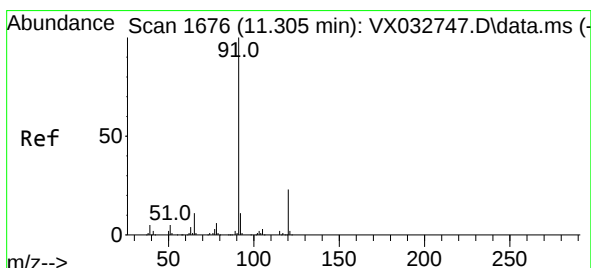
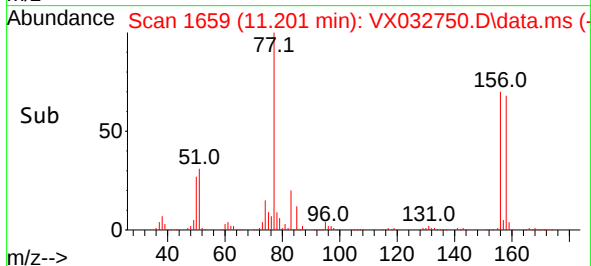
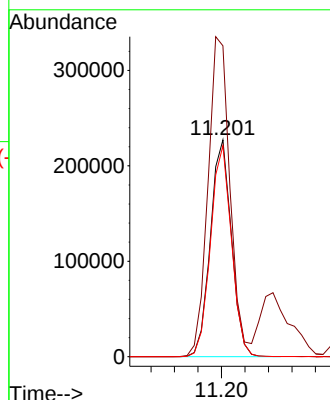
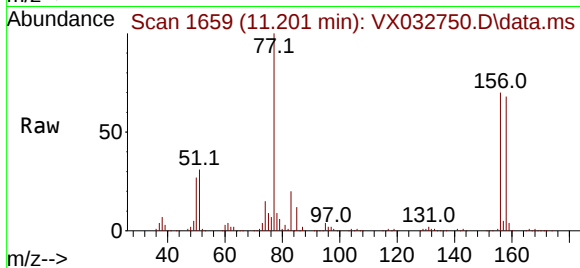
Tgt Ion:	156	Resp:	28355
Ion Ratio	Lower	Upper	
156	100		
77	153.7	0.0	259.2
158	96.6	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#74

n-propylbenzene

Concen: 168.672 ug/l

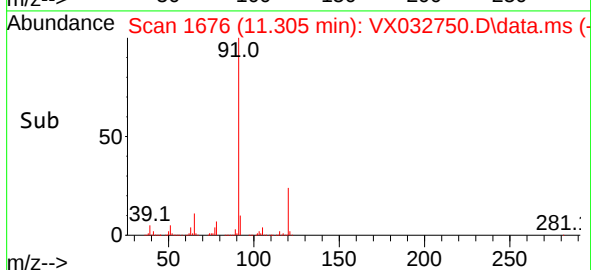
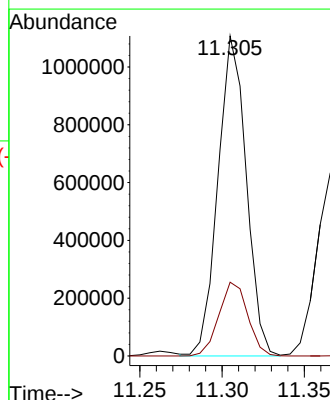
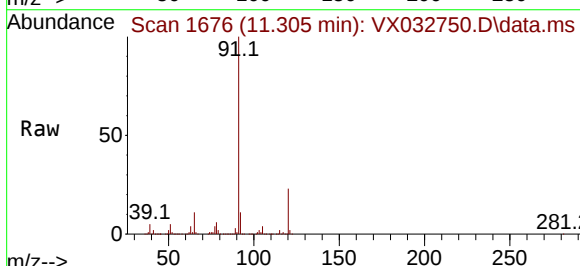
RT: 11.305 min Scan# 1676

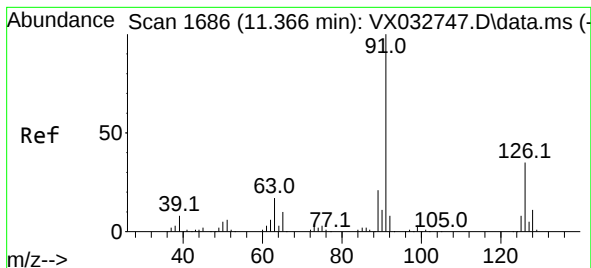
Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Tgt Ion:	91	Resp:	1327023
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	51.0





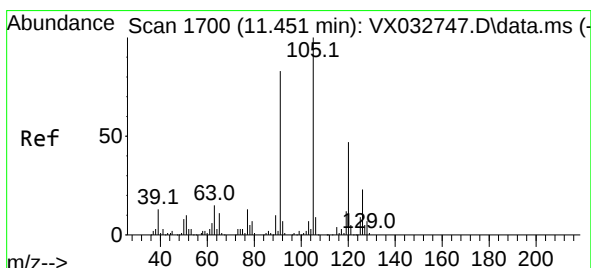
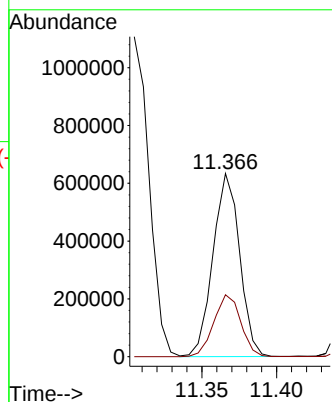
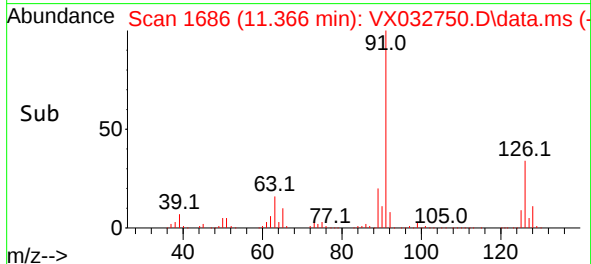
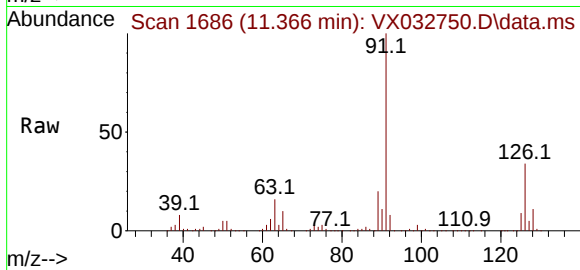
#75
2-Chlorotoluene
Concen: 165.882 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 786288
Ion Ratio Lower Upper
91 100
126 34.2 0.0 76.4

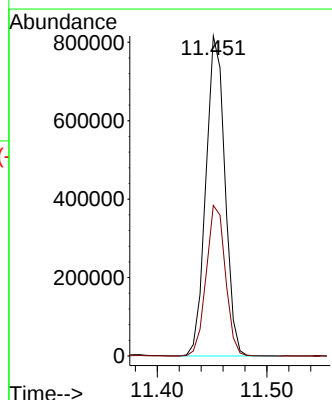
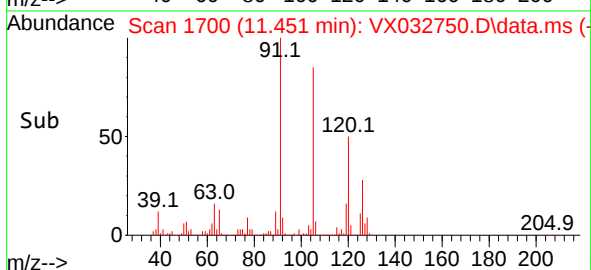
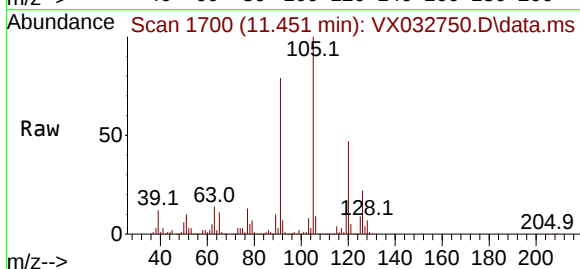
Manual Integrations
APPROVED

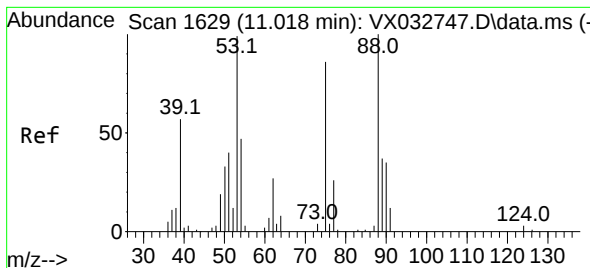
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 164.082 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

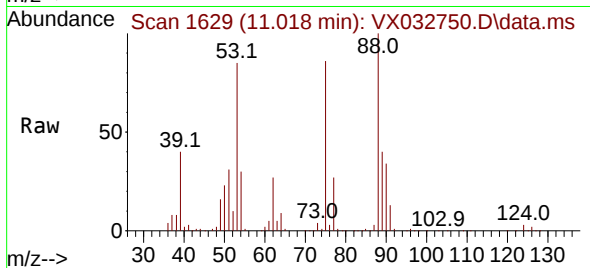
Tgt Ion:105 Resp: 983131
Ion Ratio Lower Upper
105 100
120 47.3 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 200.563 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

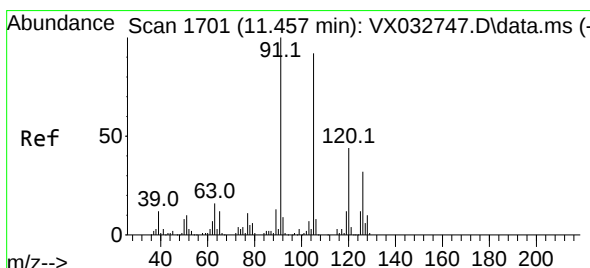
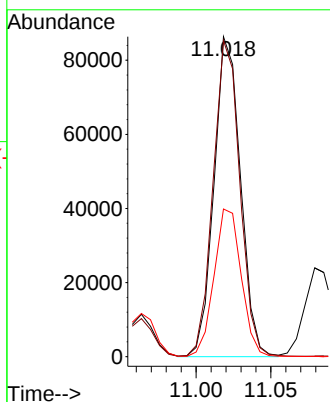
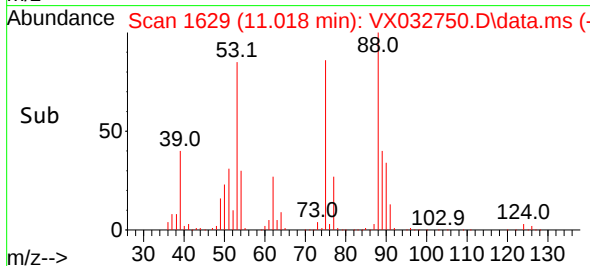
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 10636
Ion Ratio Lower Upper
75 100
53 98.8 51.8 155.4
89 46.1 22.9 68.8

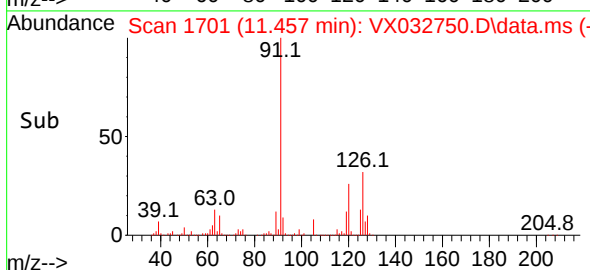
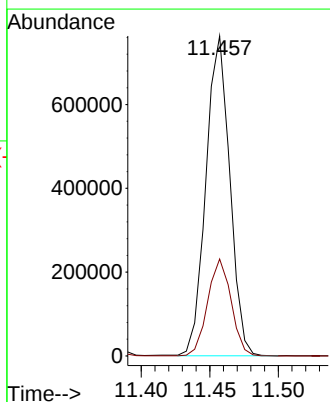
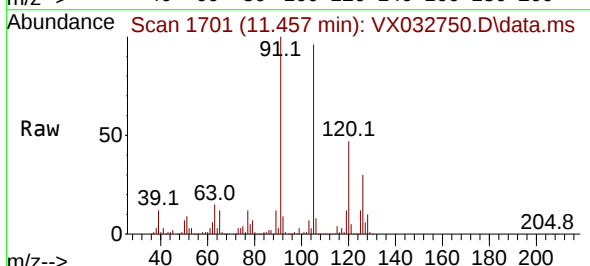
Manual Integrations
APPROVED

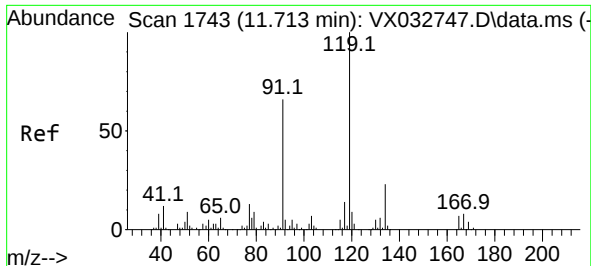
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#78
4-Chlorotoluene
Concen: 170.607 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

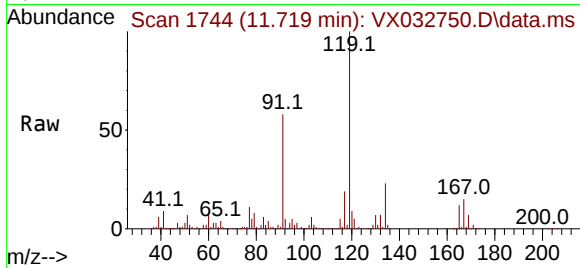
Tgt Ion: 91 Resp: 921903
Ion Ratio Lower Upper
91 100
126 29.9 0.0 67.0





#79
tert-butylbenzene
Concen: 160.698 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

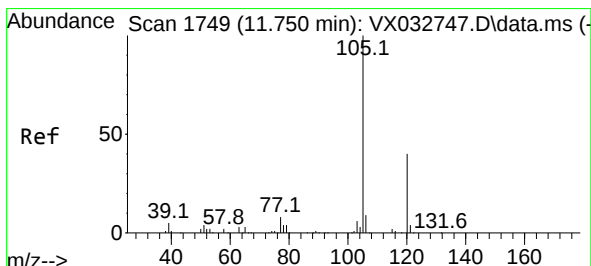
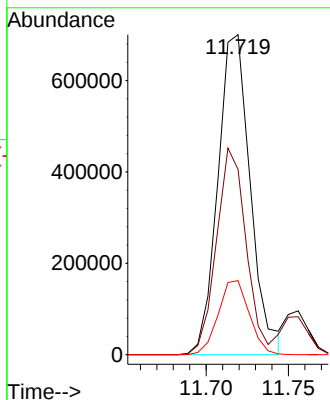
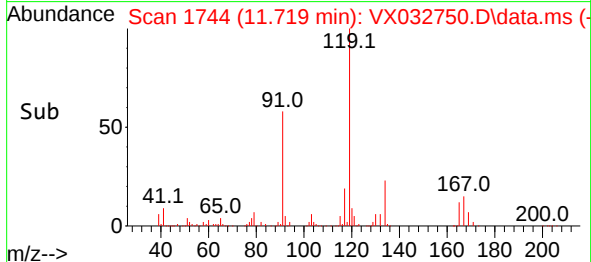
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



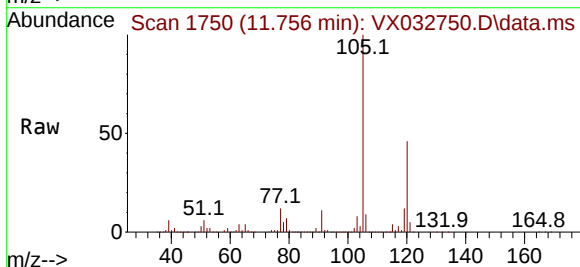
Tgt Ion:119 Resp: 960988
Ion Ratio Lower Upper
119 100
91 58.9 0.0 112.0
134 22.2 0.0 51.0

Manual Integrations
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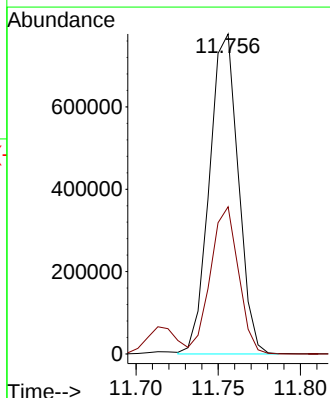
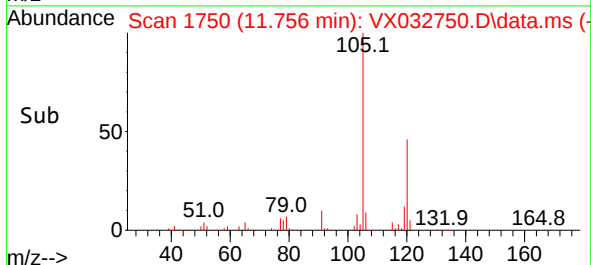
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

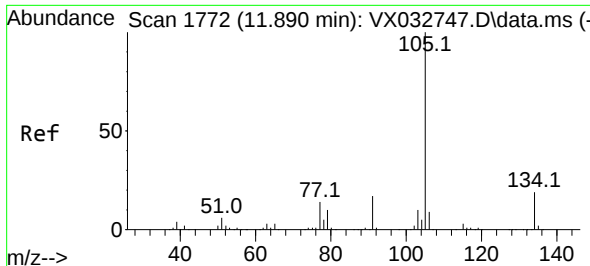


#80
1,2,4-Trimethylbenzene
Concen: 159.937 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



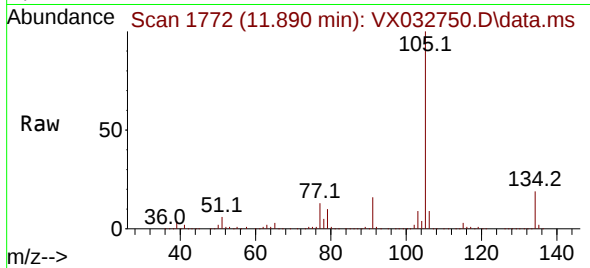
Tgt Ion:105 Resp: 950309
Ion Ratio Lower Upper
105 100
120 44.6 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 157.106 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032750.D
 Acq: 11 Nov 2022 02:08

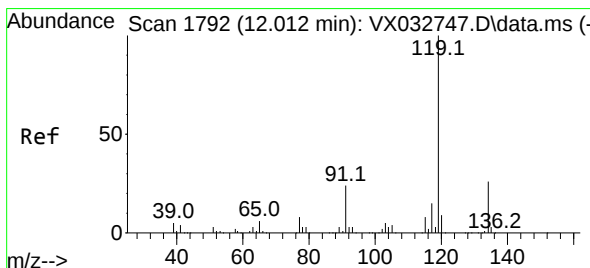
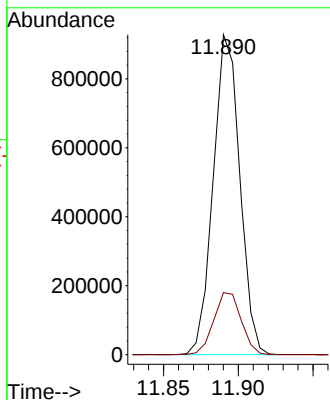
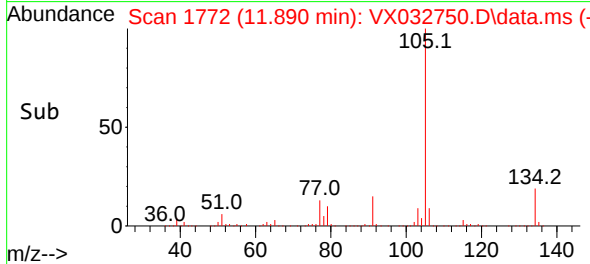
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



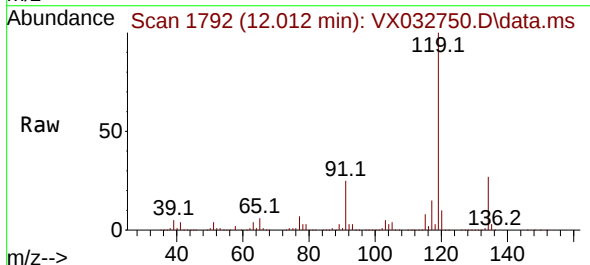
Tgt Ion:105 Resp: 114797
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 44.4

Manual Integrations
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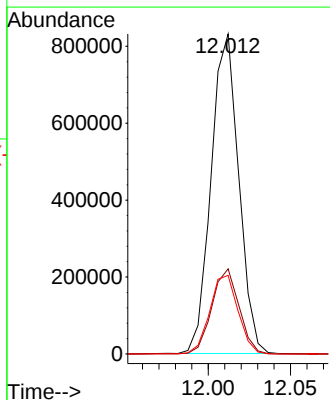
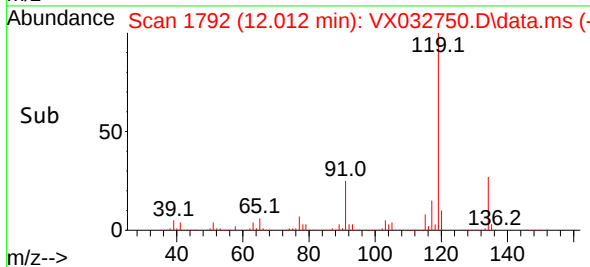
Reviewed By :John Carlone 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

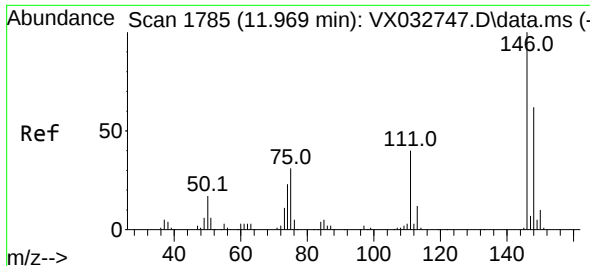


#82
 p-Isopropyltoluene
 Concen: 152.636 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032750.D
 Acq: 11 Nov 2022 02:08



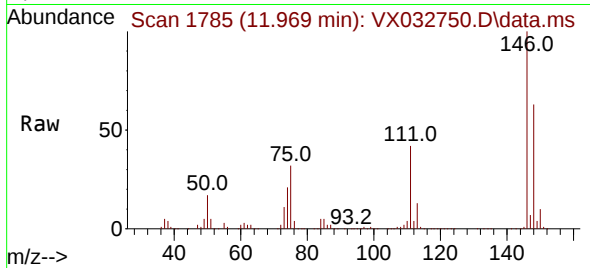
Tgt Ion:119 Resp: 971900
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 55.4
 91 25.2 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 144.773 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

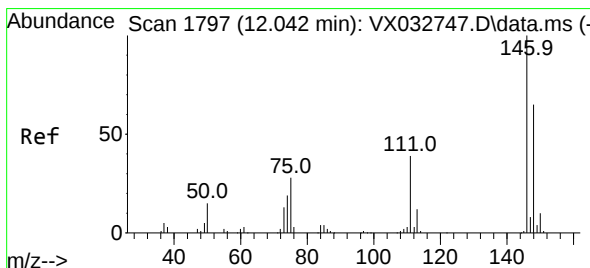
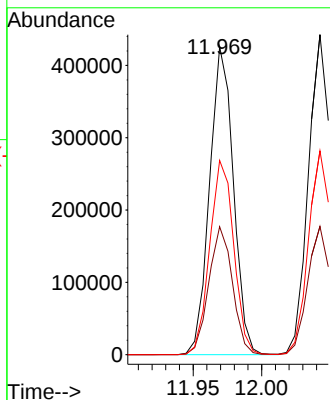
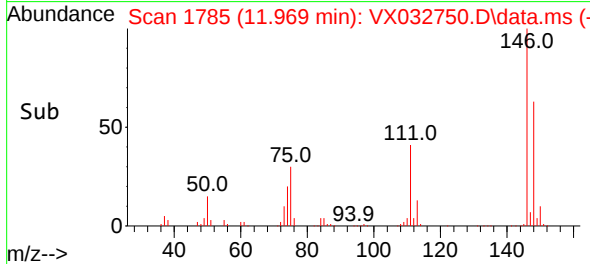
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



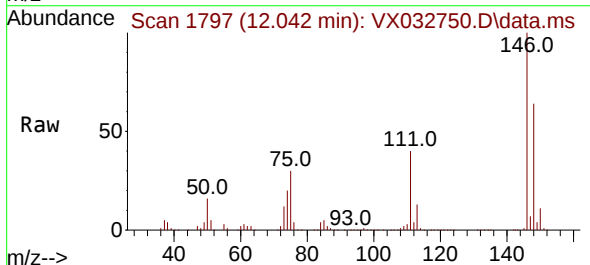
Tgt Ion:146 Resp: 514479
Ion Ratio Lower Upper
146 100
111 41.5 19.4 58.1
148 63.8 32.6 97.7

Manual Integrations
APPROVED

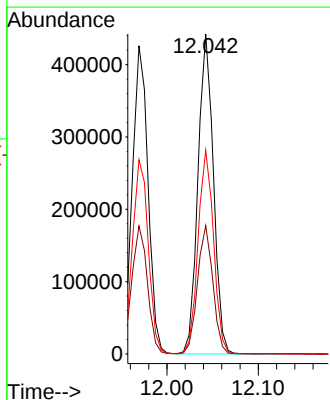
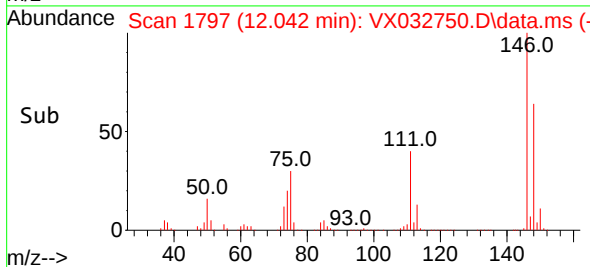
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022

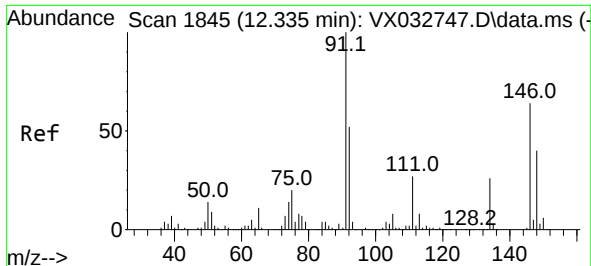


#84
1,4-Dichlorobenzene
Concen: 143.617 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08



Tgt Ion:146 Resp: 519482
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.5
148 63.9 31.6 95.0





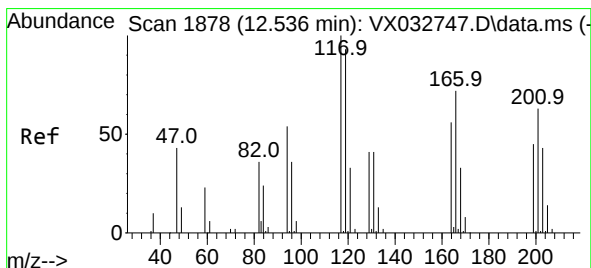
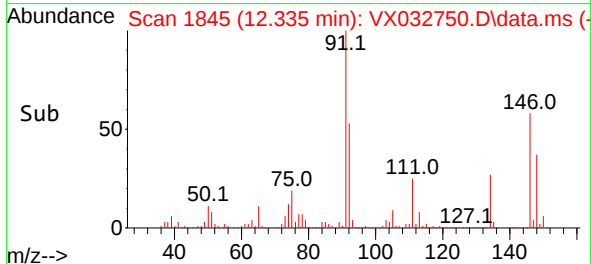
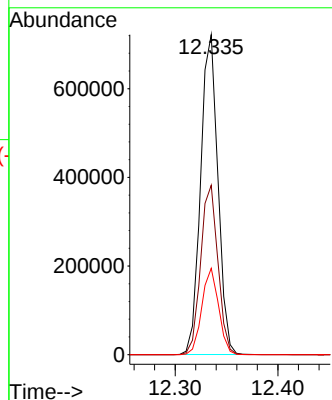
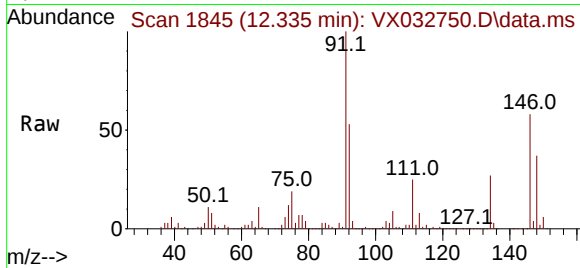
#85
n-Butylbenzene
Concen: 168.035 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 84450
Ion Ratio Lower Upper
91 100
92 53.0 0.0 108.4
134 26.2 0.0 60.6

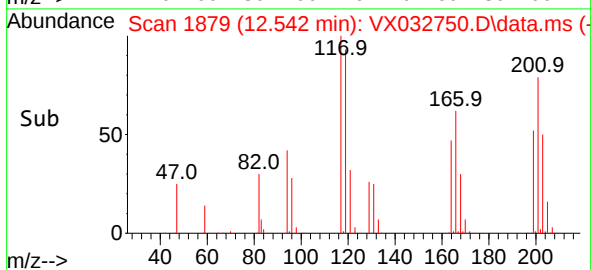
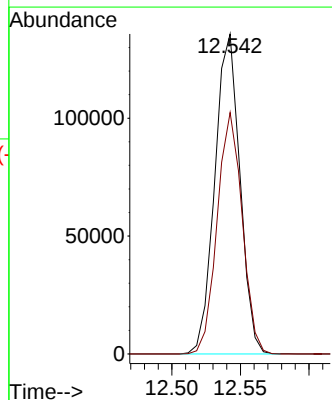
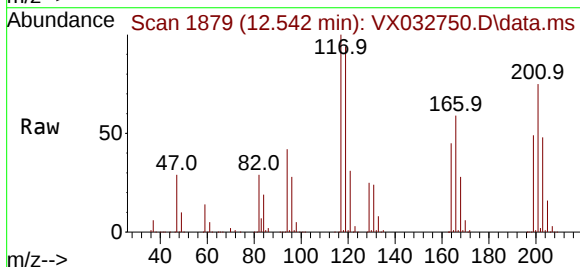
Manual Integrations
APPROVED

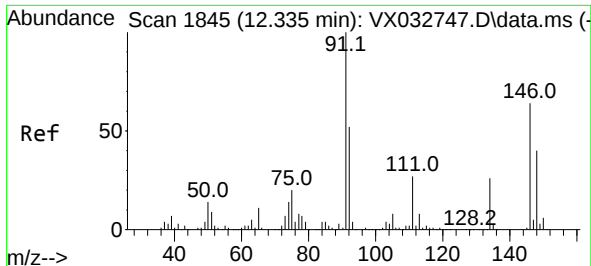
Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#86
Hexachloroethane
Concen: 170.169 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion:117 Resp: 172883
Ion Ratio Lower Upper
117 100
201 75.1 37.7 113.1





#87

1,2-Dichlorobenzene

Concen: 141.495 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 499978

Ion Ratio Lower Upper

146 100

111 42.4 20.0 60.0

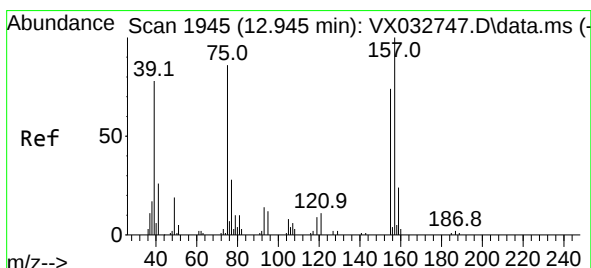
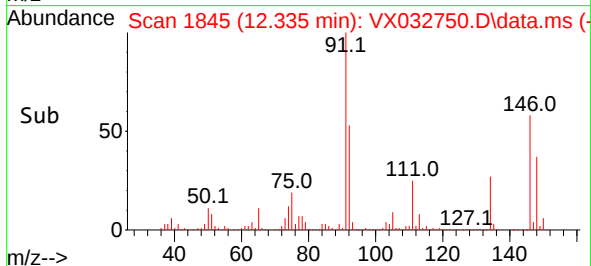
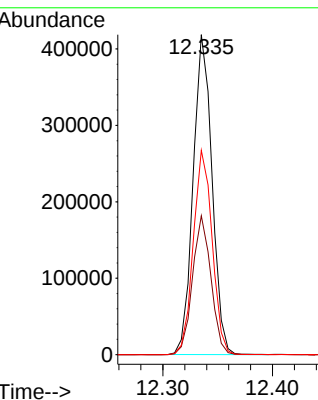
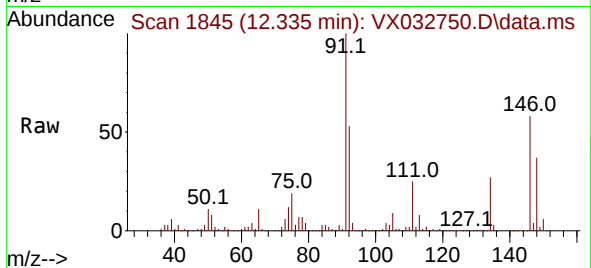
148 63.9 33.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 189.723 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

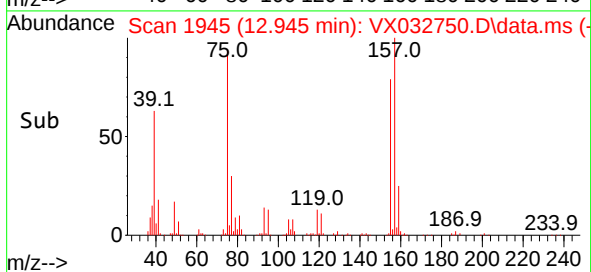
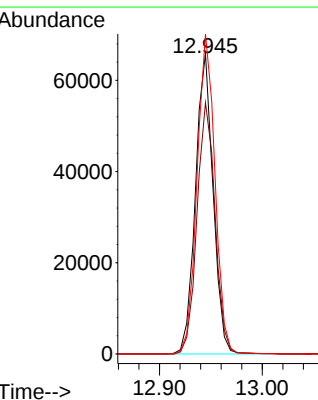
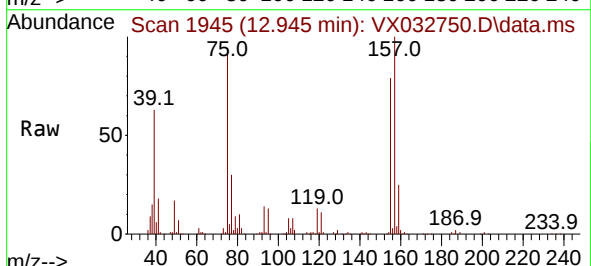
Tgt Ion: 75 Resp: 78572

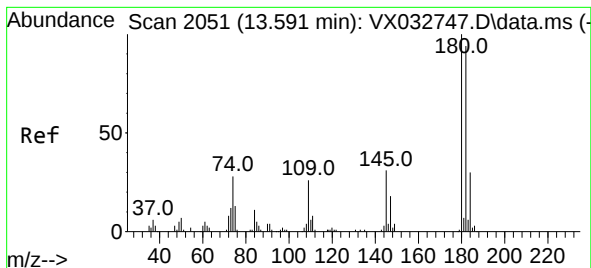
Ion Ratio Lower Upper

75 100

155 85.5 85.0 127.6

157 108.0 101.0 151.6





#89

1,2,4-Trichlorobenzene

Concen: 142.148 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

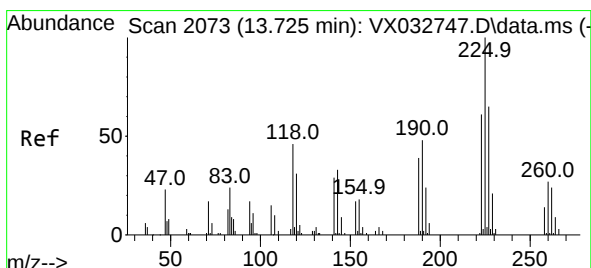
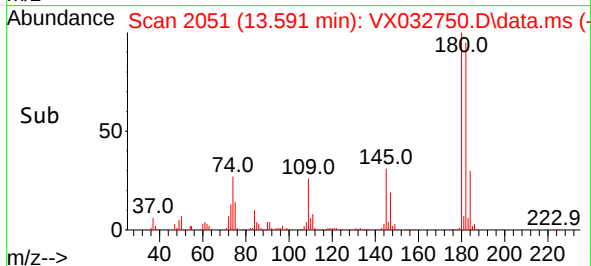
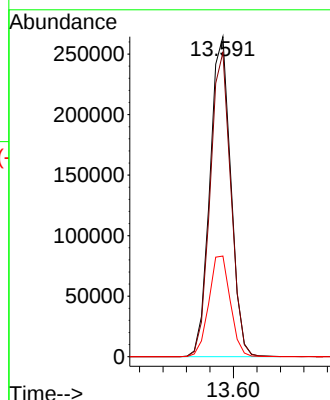
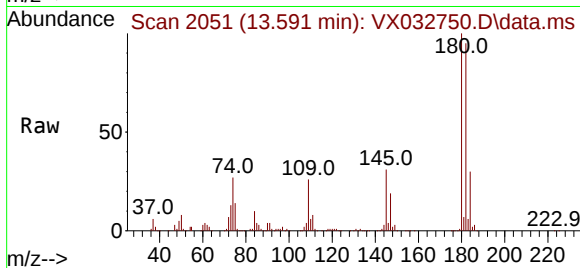
Tgt Ion:180	Resp:	32581	
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.3	112.9
145	32.5	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2022

Supervised By :Mahesh Dadoda 11/11/2022



#90

Hexachlorobutadiene

Concen: 134.668 ug/l

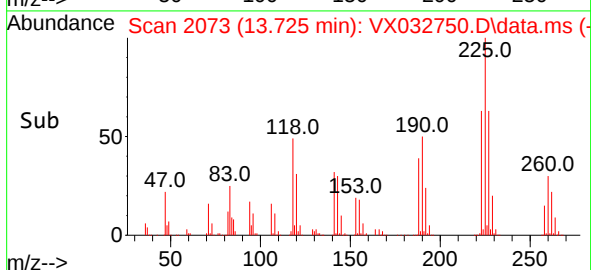
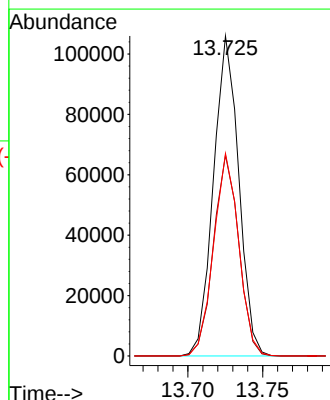
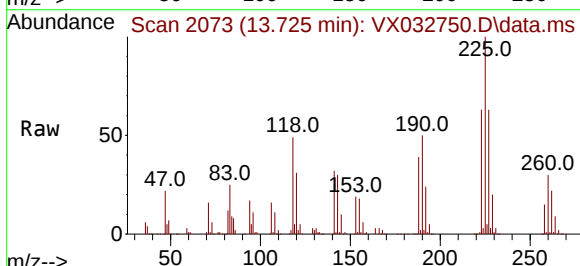
RT: 13.725 min Scan# 2073

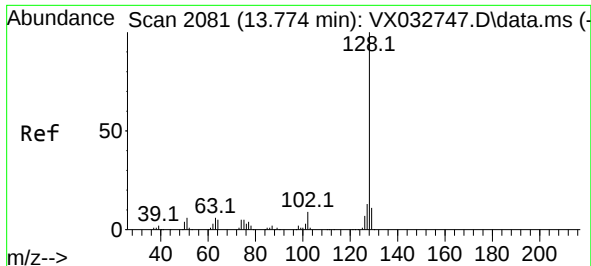
Delta R.T. 0.000 min

Lab File: VX032750.D

Acq: 11 Nov 2022 02:08

Tgt Ion:225	Resp:	124504	
Ion Ratio	Lower	Upper	
225	100		
223	62.7	0.0	126.0
227	62.8	0.0	127.6





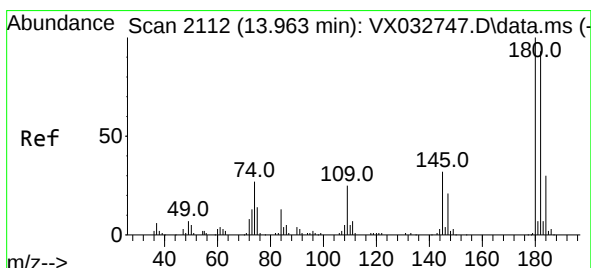
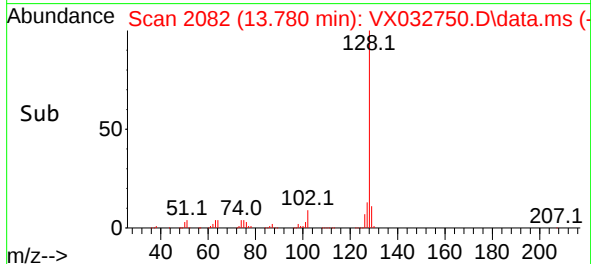
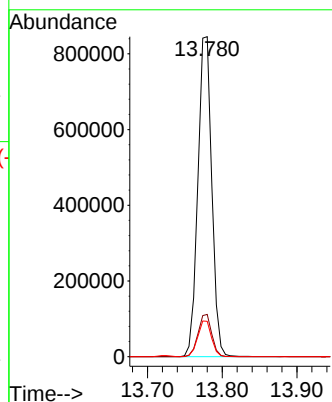
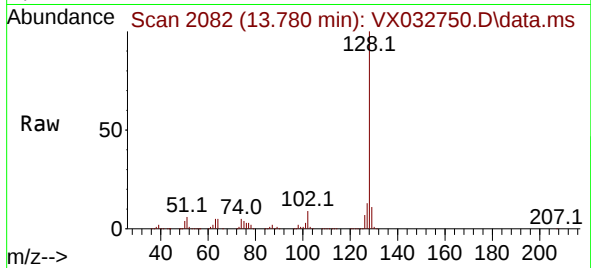
#91
Naphthalene
Concen: 149.441 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1090338
Ion Ratio Lower Upper
128 100
127 13.0 9.9 14.9
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2022
Supervised By :Mahesh Dadoda 11/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 141.050 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032750.D
Acq: 11 Nov 2022 02:08

Tgt Ion:180 Resp: 322096
Ion Ratio Lower Upper
180 100
182 95.5 0.0 199.0
145 34.4 0.0 68.2

