

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032973.D
 Acq On : 22 Nov 2022 11:24
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 22 11:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109975	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210483	98.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.900%#			
35) Dibromofluoromethane	5.385	113	183225	106.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.020%#			
50) Toluene-d8	8.653	98	584429	97.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.420%#			
62) 4-Bromofluorobenzene	11.079	95	246419	105.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 210.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	164897	93.391	ug/l	99
3) Chloromethane	1.295	50	168010	112.515	ug/l	98
4) Vinyl Chloride	1.374	62	194642	118.441	ug/l	100
5) Bromomethane	1.618	94	157606	120.008	ug/l	97
6) Chloroethane	1.691	64	161738	146.705	ug/l	99
7) Trichlorofluoromethane	1.886	101	377319	121.175	ug/l	98
8) Diethyl Ether	2.136	74	123624	122.512	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	208544	126.891	ug/l	99
10) Methyl Iodide	2.453	142	266175	155.820	ug/l	99
11) Tert butyl alcohol	3.087	59	167301m	540.371	ug/l	
12) 1,1-Dichloroethene	2.319	96	202638	131.987	ug/l	98
13) Acrolein	2.239	56	202323	654.599	ug/l	100
14) Allyl chloride	2.666	41	331477	135.443	ug/l	98
15) Acrylonitrile	3.069	53	511996	609.342	ug/l	99
16) Acetone	2.392	43	473850	612.907	ug/l	100
17) Carbon Disulfide	2.514	76	526534	143.987	ug/l	100
18) Methyl Acetate	2.703	43	289494	115.148	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	719445	133.328	ug/l	98
20) Methylene Chloride	2.788	84	218253	123.125	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	225968	135.216	ug/l	98
22) Diisopropyl ether	3.757	45	728629	137.642	ug/l	# 88
23) Vinyl Acetate	3.727	43	2925295	683.986	ug/l	98
24) 1,1-Dichloroethane	3.611	63	398444	130.857	ug/l	100
25) 2-Butanone	4.568	43	703333	587.197	ug/l	99
26) 2,2-Dichloropropane	4.477	77	349894	144.558	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	263870	136.601	ug/l	100
28) Bromochloromethane	4.904	49	169853	156.608	ug/l	98
29) Tetrahydrofuran	5.007	42	453372	593.590	ug/l	98
30) Chloroform	5.093	83	453368	135.693	ug/l	100
31) Cyclohexane	5.471	56	358402	138.963	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	414243	138.163	ug/l	99
36) 1,1-Dichloropropene	5.696	75	324928	135.642	ug/l	100
37) Ethyl Acetate	4.715	43	292879	117.459	ug/l	99
38) Carbon Tetrachloride	5.678	117	365181	137.446	ug/l	98
39) Methylcyclohexane	7.385	83	375263	132.404	ug/l	99
40) Benzene	6.044	78	910669	134.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	167970	132.236	ug/l	97
42) 1,2-Dichloroethane	6.086	62	358382	129.332	ug/l	99
43) Isopropyl Acetate	6.342	43	499895	130.572	ug/l	99
44) Trichloroethene	7.123	130	253188	132.679	ug/l	98
45) 1,2-Dichloropropane	7.434	63	226551	130.193	ug/l	100
46) Dibromomethane	7.580	93	173689	130.151	ug/l	99
47) Bromodichloromethane	7.824	83	352288	139.284	ug/l	99
48) Methyl methacrylate	7.696	41	251853	127.374	ug/l	96
49) 1,4-Dioxane	7.720	88	77422	2054.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1418333	588.160	ug/l	97
52) Toluene	8.720	92	611324	138.224	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	385154	149.248	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	401866	145.593	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	247140	132.686	ug/l	99
56) Ethyl methacrylate	9.116	69	371466	138.587	ug/l	95
57) 1,3-Dichloropropane	9.311	76	391744	130.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	851330	659.623	ug/l	99
59) 2-Hexanone	9.433	43	1038253	580.243	ug/l	96
60) Dibromochloromethane	9.525	129	281156	138.200	ug/l	100
61) 1,2-Dibromoethane	9.610	107	263324	133.427	ug/l	100
64) Tetrachloroethene	9.275	164	225273	138.944	ug/l	97
65) Chlorobenzene	10.080	112	654192	131.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	252217	135.056	ug/l	99
67) Ethyl Benzene	10.195	91	1177751	132.731	ug/l	99
68) m/p-Xylenes	10.305	106	930629	270.097	ug/l	97
69) o-Xylene	10.647	106	456235	136.189	ug/l	96
70) Styrene	10.659	104	768858	138.099	ug/l	99
71) Bromoform	10.799	173	202890	137.410	ug/l #	99
73) Isopropylbenzene	10.964	105	1198335	137.509	ug/l	99
74) N-amyl acetate	10.848	43	429383	130.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	342555	122.461	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	301669m	123.298	ug/l	
77) Bromobenzene	11.201	156	287888	134.749	ug/l	99
78) n-propylbenzene	11.305	91	1384647	137.907	ug/l	99
79) 2-Chlorotoluene	11.366	91	806125	134.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1012133	135.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	113500	147.612	ug/l	92
82) 4-Chlorotoluene	11.457	91	949842	134.997	ug/l	98
83) tert-Butylbenzene	11.719	119	994189	133.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	984577	132.910	ug/l	100
85) sec-Butylbenzene	11.890	105	1194139	133.463	ug/l	99
86) p-Isopropyltoluene	12.012	119	1012028	133.299	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	530020	131.514	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	532176	127.285	ug/l	99
89) n-Butylbenzene	12.335	91	905200	137.048	ug/l	99
90) Hexachloroethane	12.543	117	175697	141.680	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	516590	129.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	75933	123.807	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	337474	130.246	ug/l	99
94) Hexachlorobutadiene	13.725	225	137694	127.243	ug/l	99
95) Naphthalene	13.774	128	1100518	127.469	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	338189	128.400	ug/l	99

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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

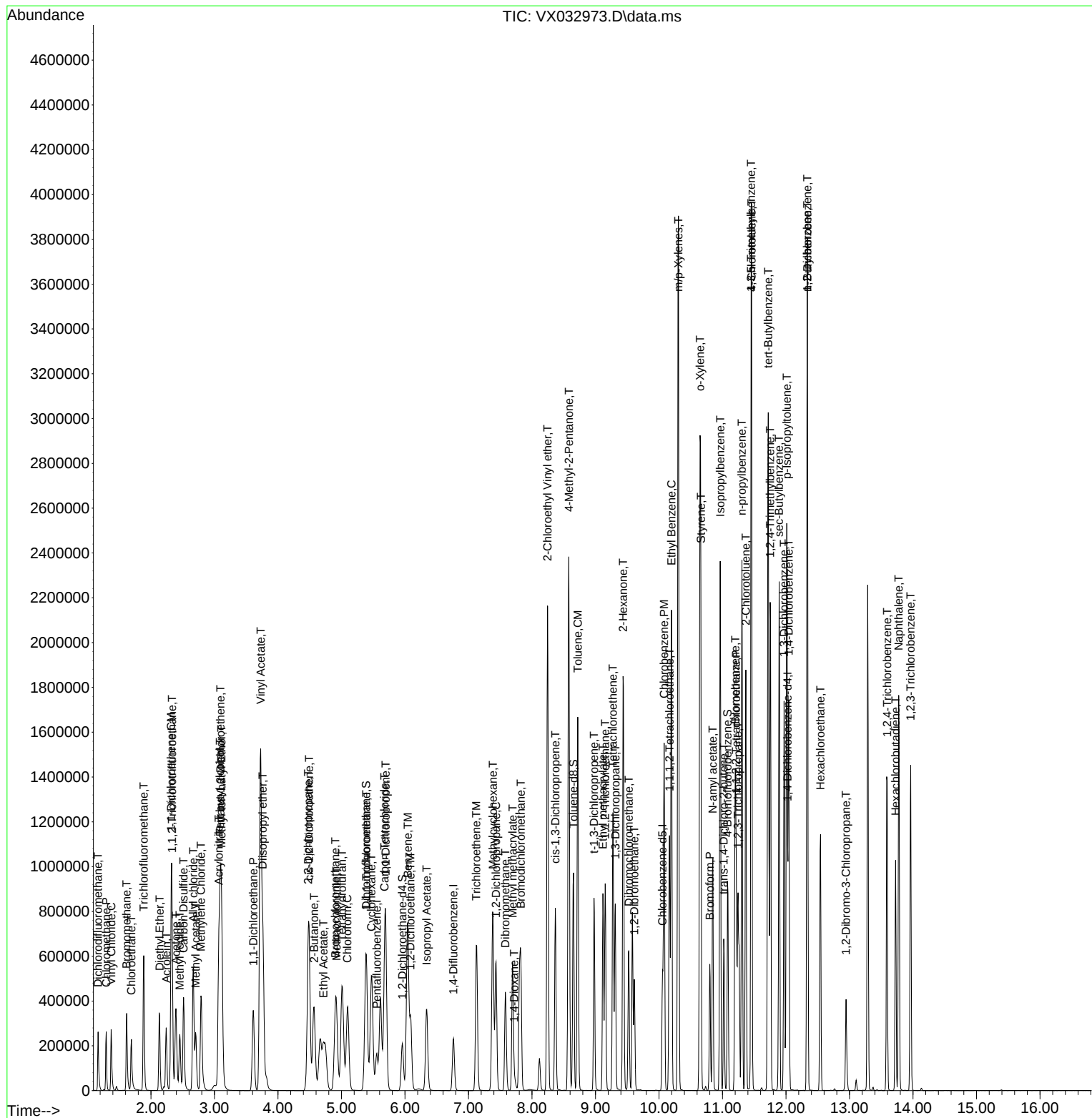
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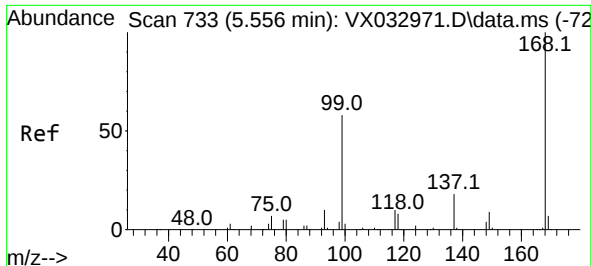
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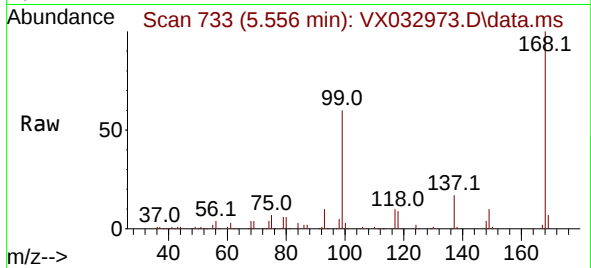
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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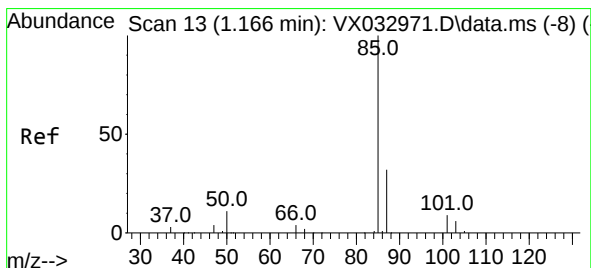
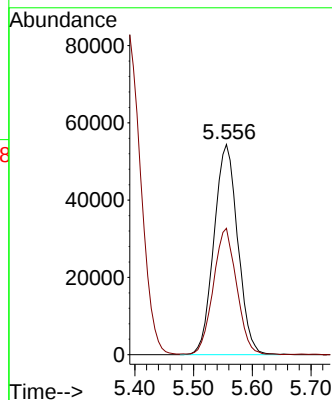
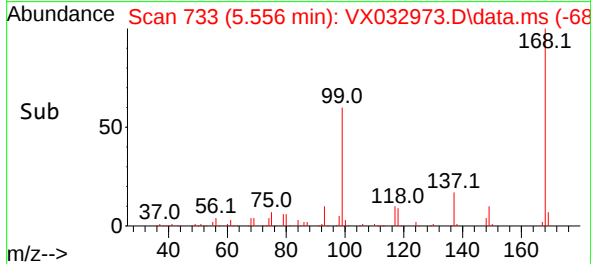
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 153090
Ion Ratio Lower Upper
168 100
99 60.0 46.1 69.1

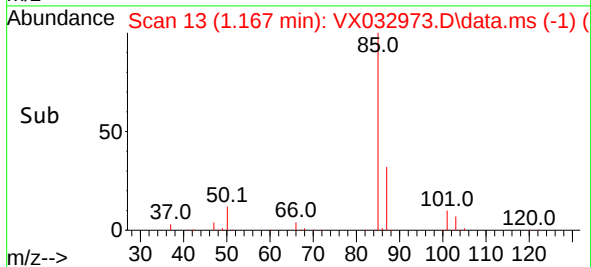
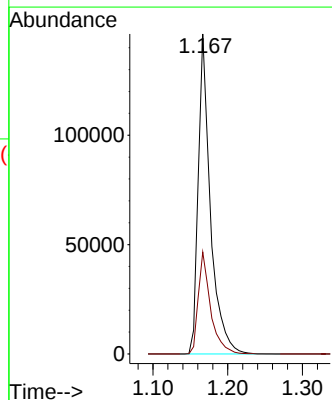
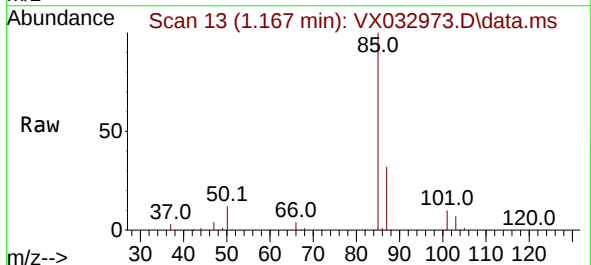
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#2
Dichlorodifluoromethane
Concen: 93.391 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 85 Resp: 164897
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





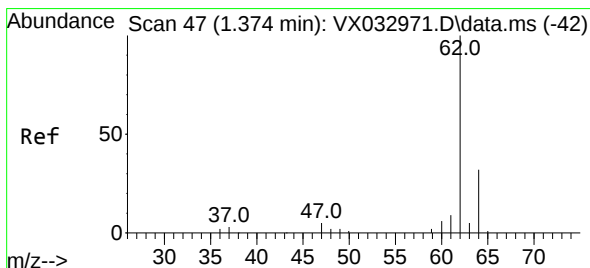
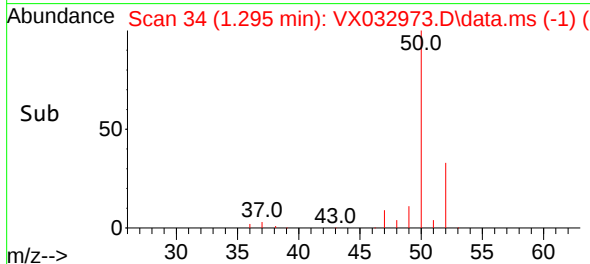
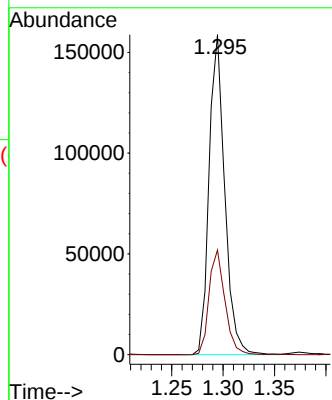
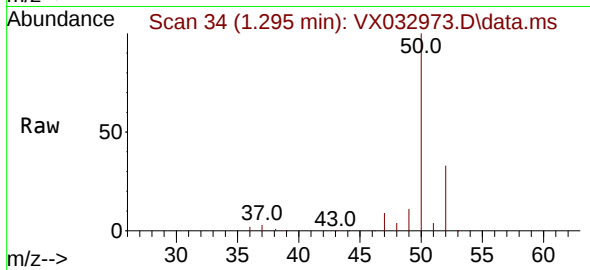
#3
Chloromethane
Concen: 112.515 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 168010
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

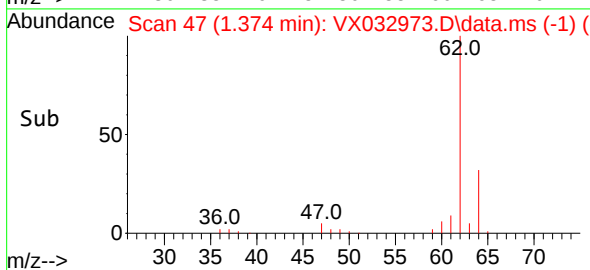
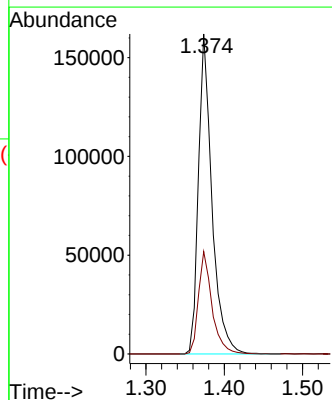
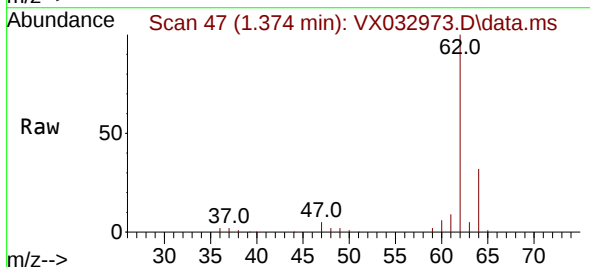
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#4
Vinyl Chloride
Concen: 118.441 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 62 Resp: 194642
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





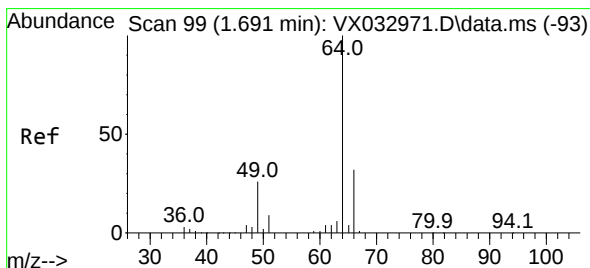
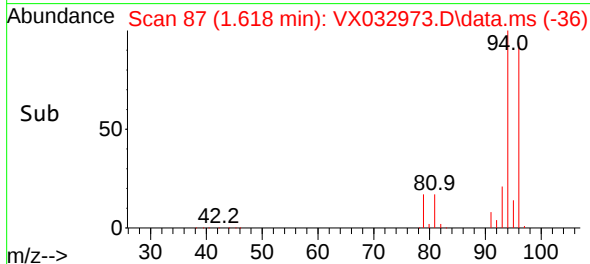
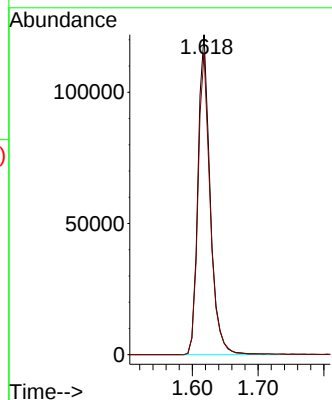
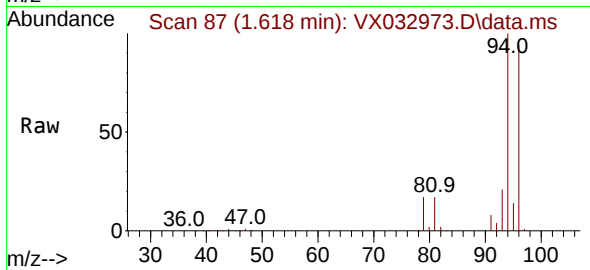
#5
Bromomethane
Concen: 120.008 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 157600
Ion Ratio Lower Upper
94 100
96 94.1 77.6 116.4

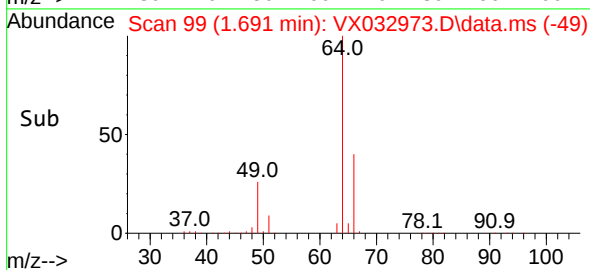
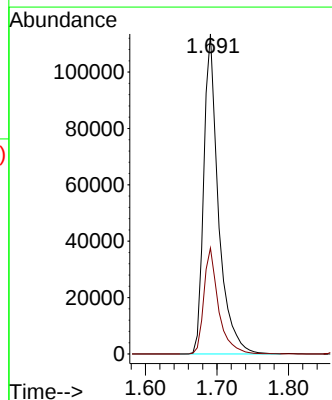
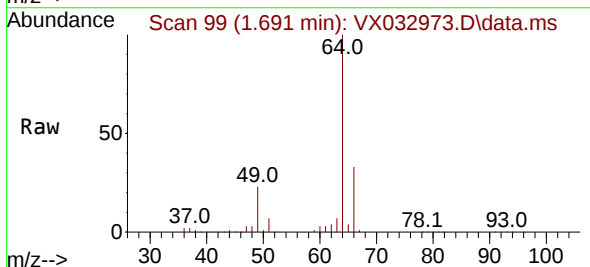
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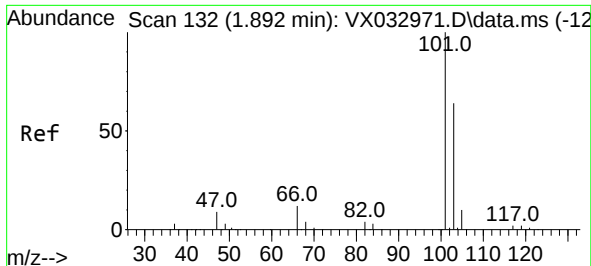
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#6
Chloroethane
Concen: 146.705 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
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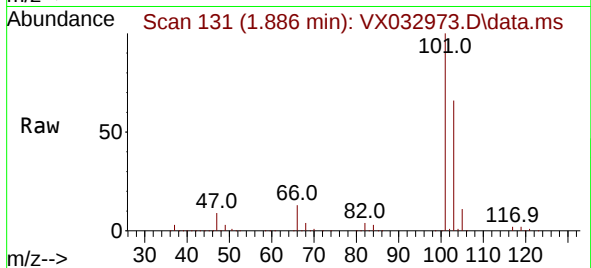
Tgt Ion: 64 Resp: 161738
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0





#7
Trichlorofluoromethane
Concen: 121.175 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032973.D
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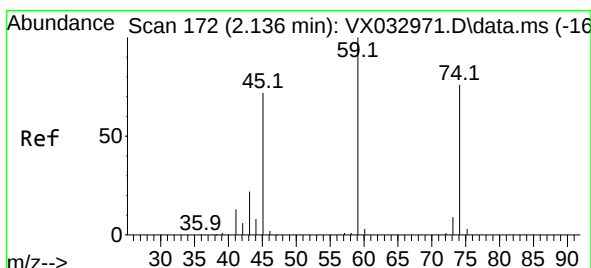
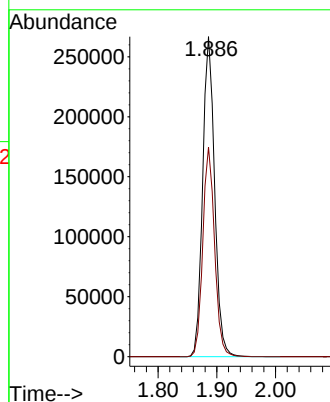
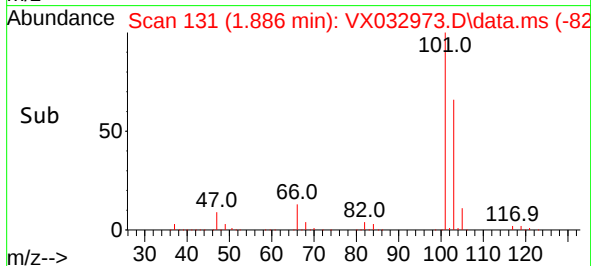
Instrument :
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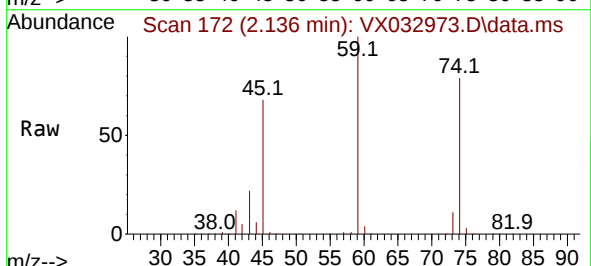
Tgt Ion:101 Resp: 377319
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

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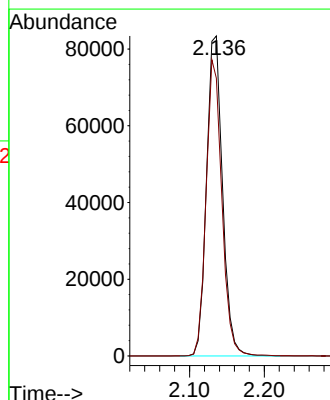
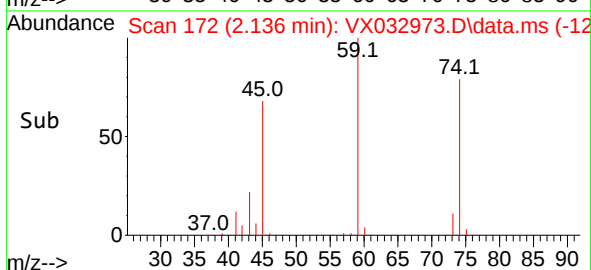
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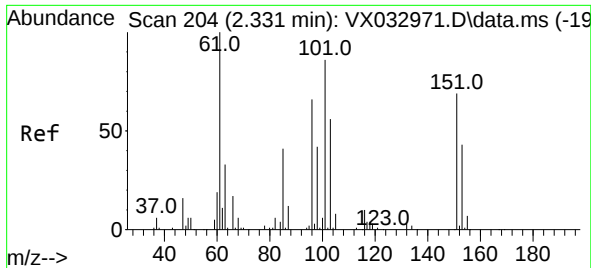


#8
Diethyl Ether
Concen: 122.512 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 123624
Ion Ratio Lower Upper
74 100
45 91.4 46.6 139.7





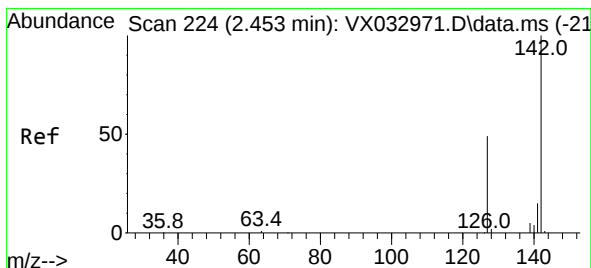
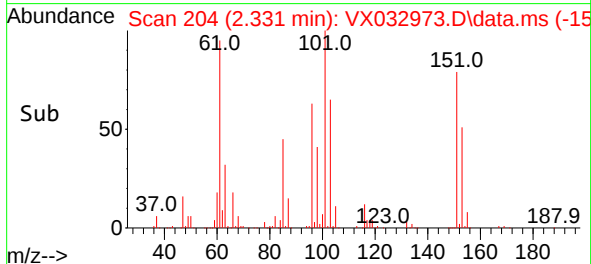
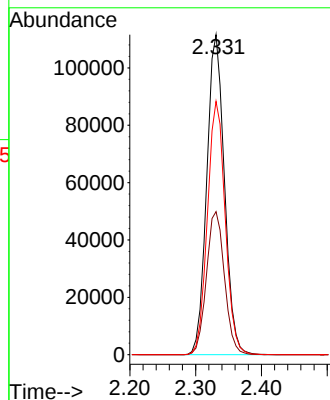
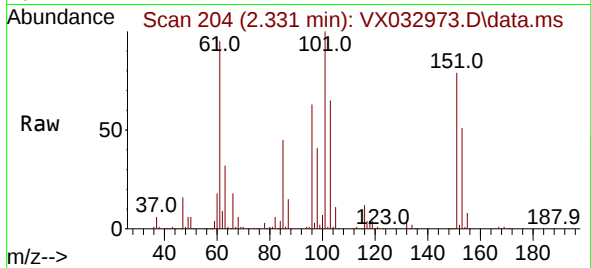
#9
1,1,2-Trichlorotrifluoroethane
Concen: 126.891 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 208544
Ion Ratio Lower Upper
101 100
85 45.7 37.0 55.4
151 79.7 64.4 96.6

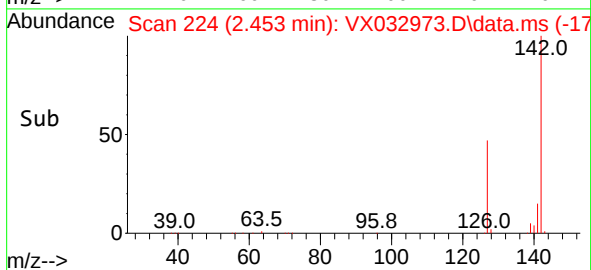
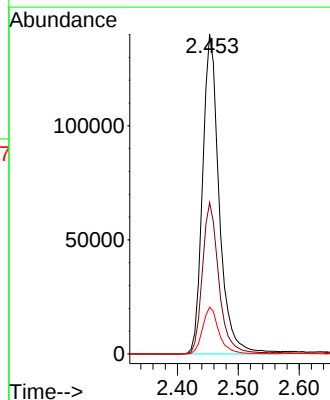
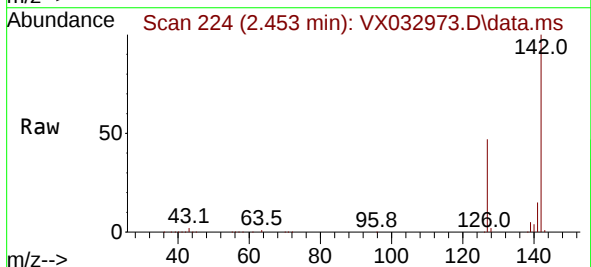
Manual Integrations
APPROVED

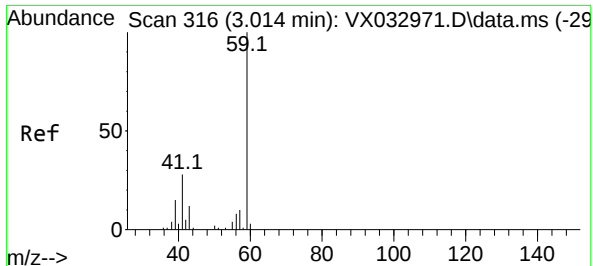
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 155.820 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

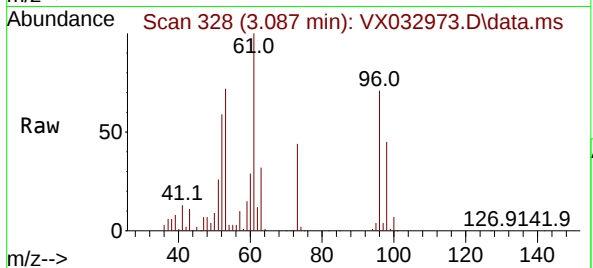
Tgt Ion:142 Resp: 266175
Ion Ratio Lower Upper
142 100
127 47.0 38.6 57.8
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 540.371 ug/l m
RT: 3.087 min Scan# 316
Delta R.T. 0.122 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

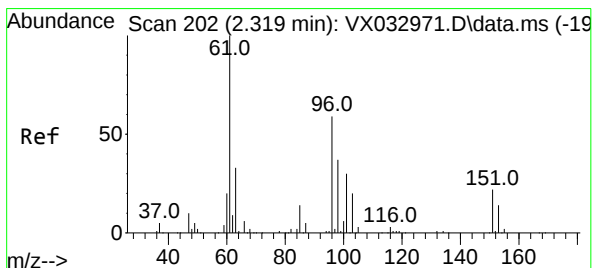
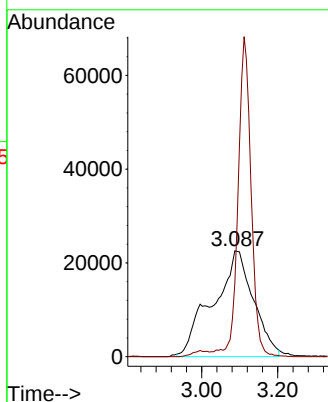
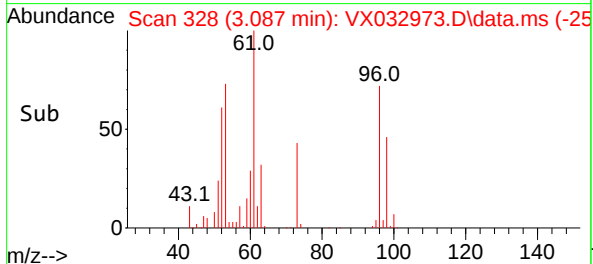
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 16730
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

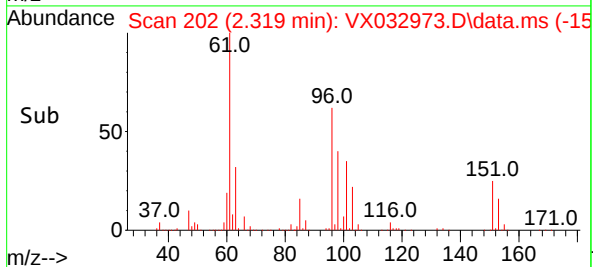
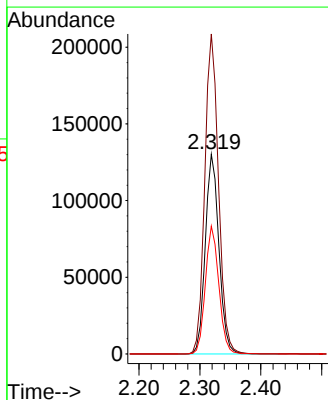
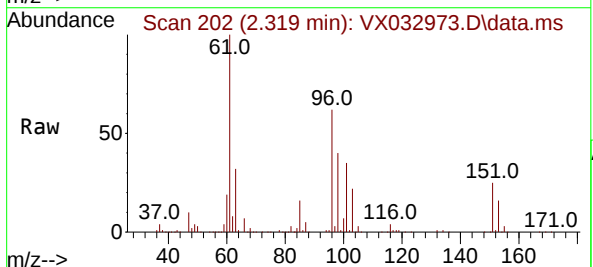
Manual Integrations
APPROVED

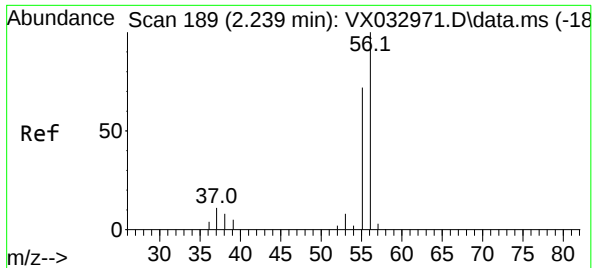
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#12
1,1-Dichloroethene
Concen: 131.987 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

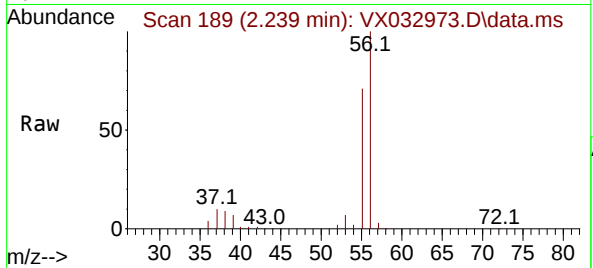
Tgt Ion: 96 Resp: 202638
Ion Ratio Lower Upper
96 100
61 160.2 125.1 187.7
98 64.0 50.6 76.0





#13
Acrolein
Concen: 654.599 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

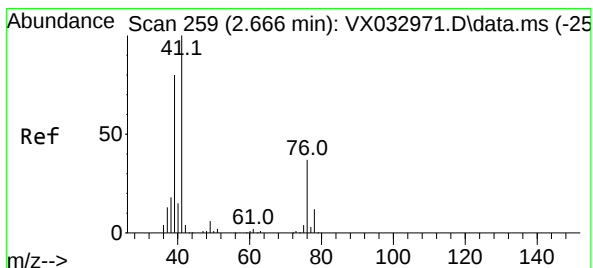
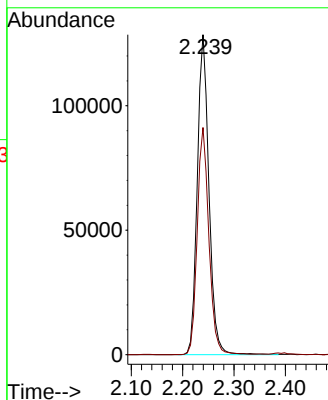
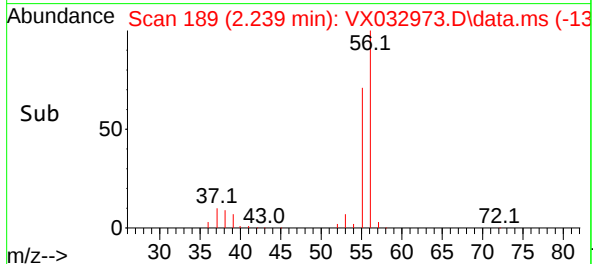
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



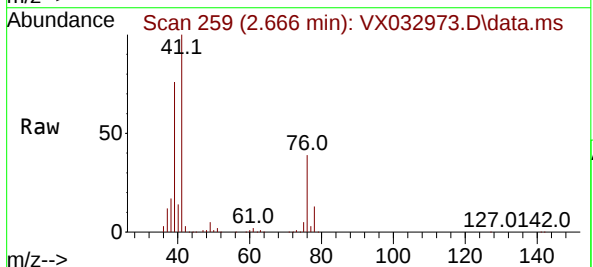
Tgt Ion: 56 Resp: 20232
Ion Ratio Lower Upper
56 100
55 71.2 56.9 85.3

Manual Integrations
APPROVED

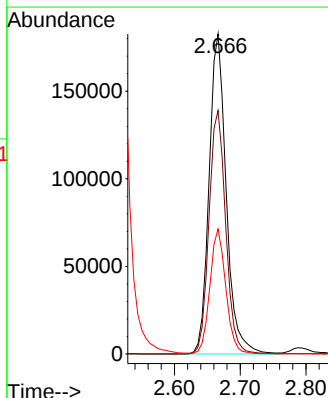
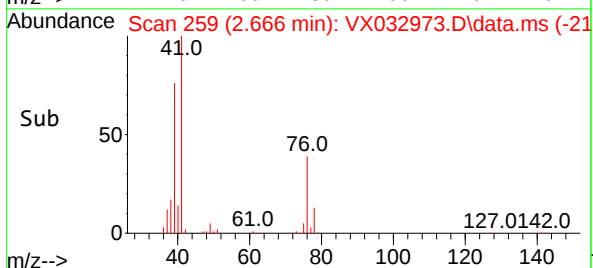
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

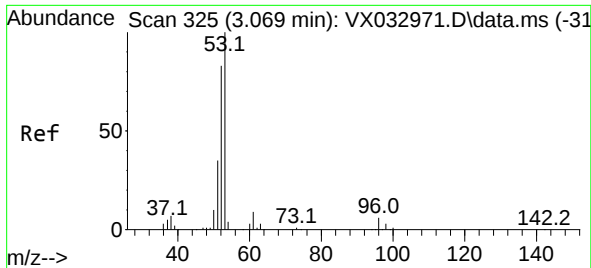


#14
Allyl chloride
Concen: 135.443 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24



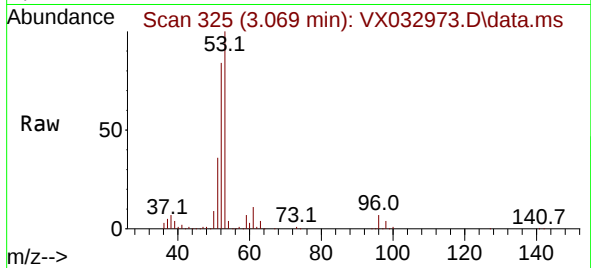
Tgt Ion: 41 Resp: 331477
Ion Ratio Lower Upper
41 100
39 74.2 61.4 92.2
76 36.4 29.2 43.8





#15
Acrylonitrile
Concen: 609.342 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

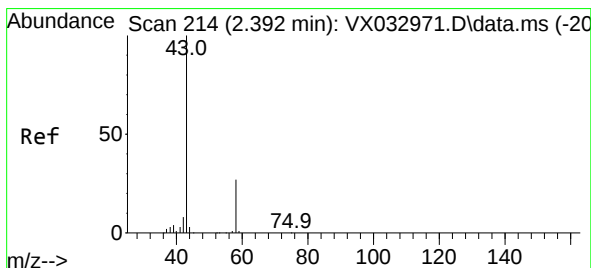
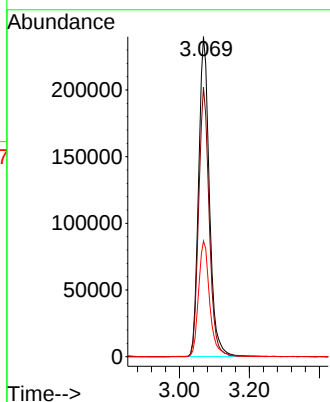
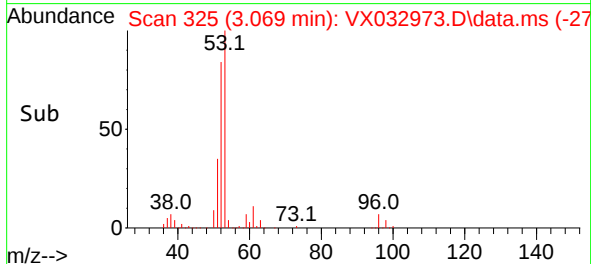
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 511990
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.0
51 37.5 30.3 45.5

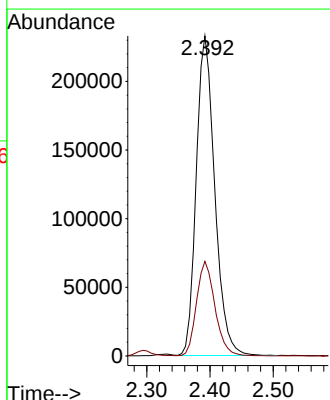
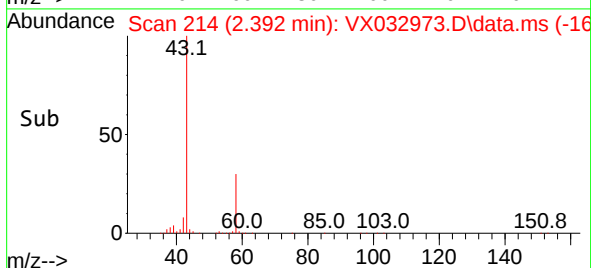
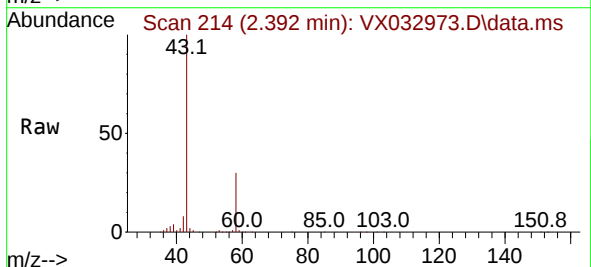
Manual Integrations
APPROVED

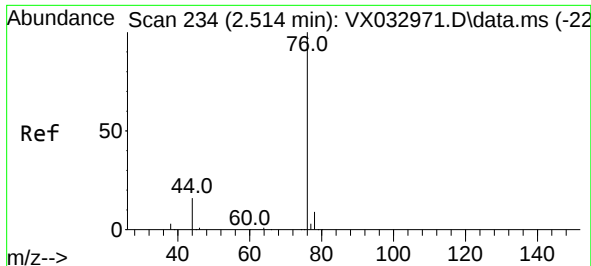
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#16
Acetone
Concen: 612.907 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

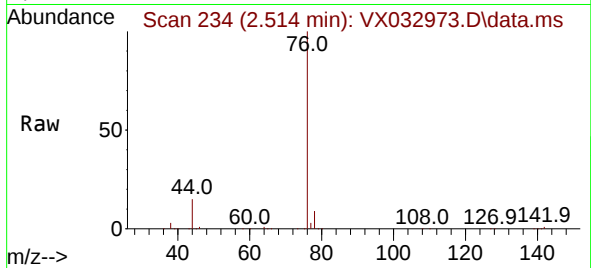
Tgt Ion: 43 Resp: 473850
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8





#17
Carbon Disulfide
Concen: 143.987 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

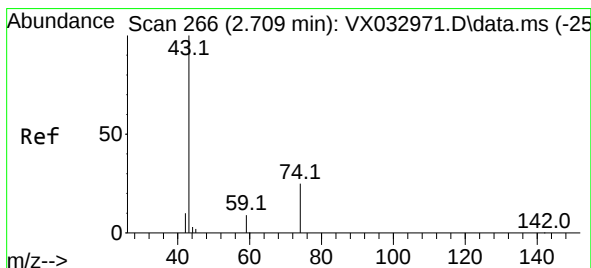
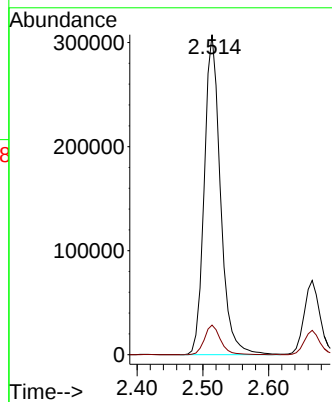
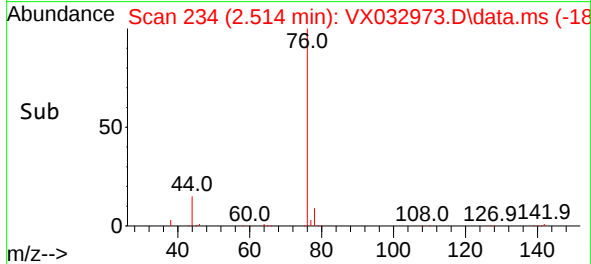
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 526534
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

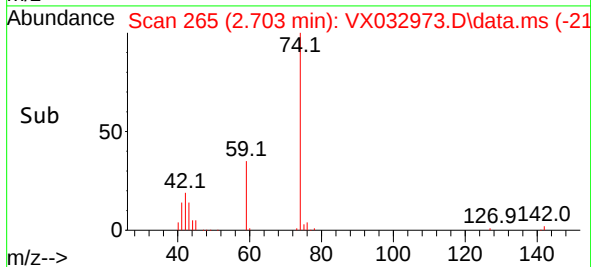
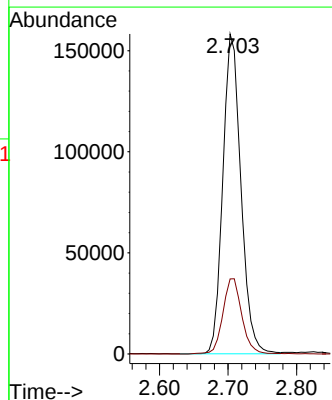
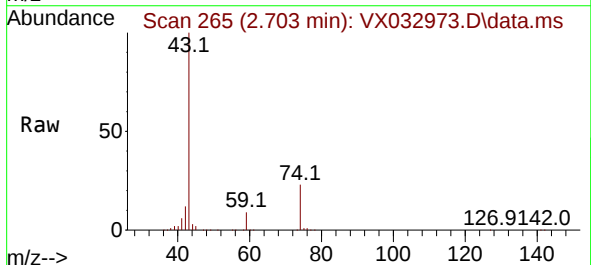
Manual Integrations
APPROVED

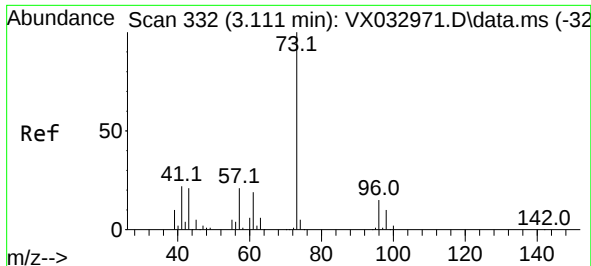
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 115.148 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 43 Resp: 289494
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0





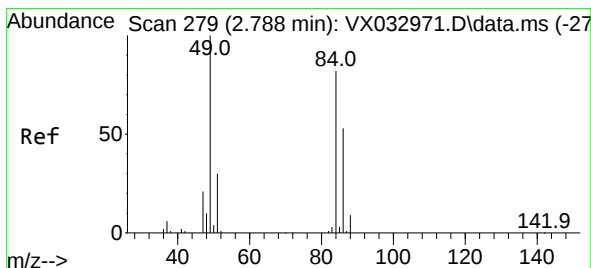
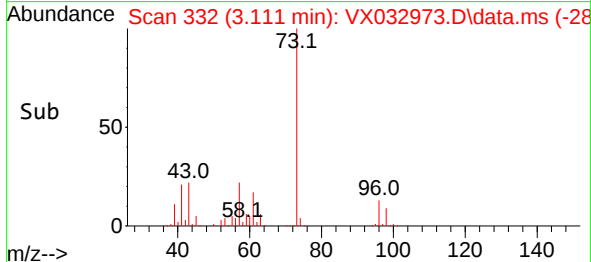
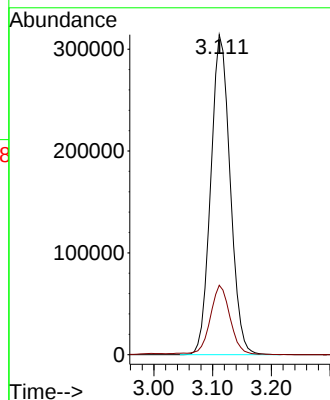
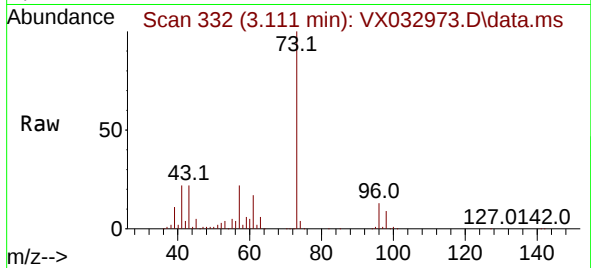
#19
Methyl tert-butyl Ether
Concen: 133.328 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 71944
Ion Ratio Lower Upper
73 100
57 21.7 16.6 25.0

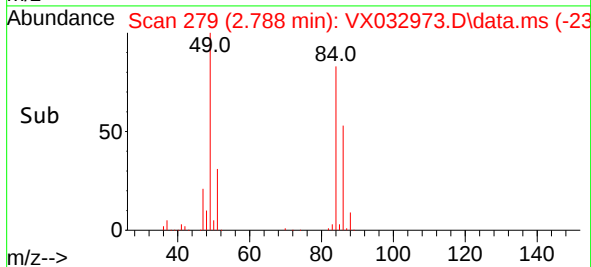
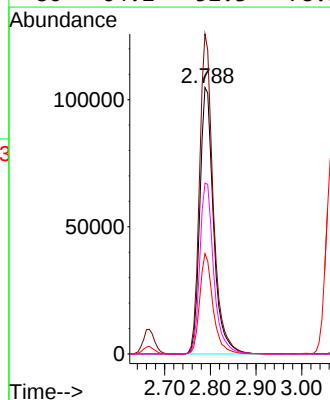
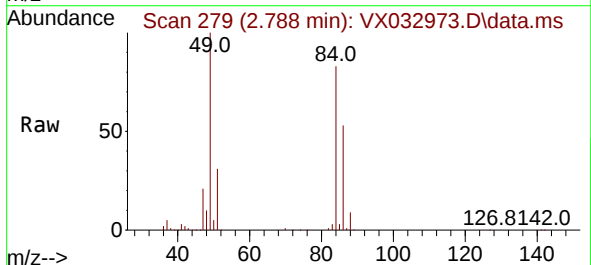
Manual Integrations
APPROVED

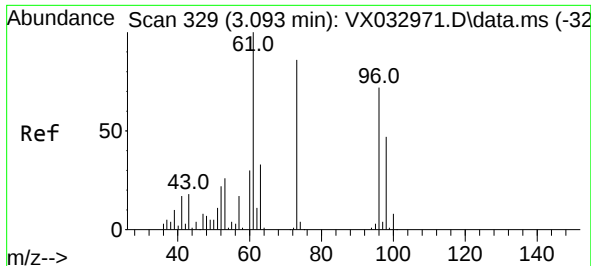
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 123.125 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

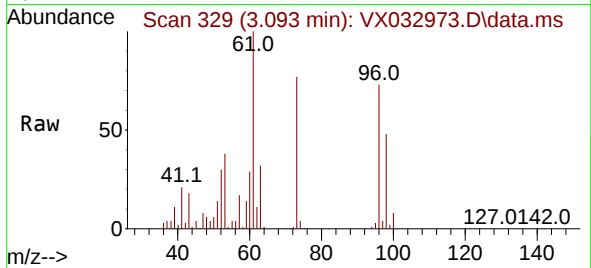
Tgt Ion: 84 Resp: 218253
Ion Ratio Lower Upper
84 100
49 120.1 101.0 151.6
51 37.6 31.1 46.7
86 64.2 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 135.216 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

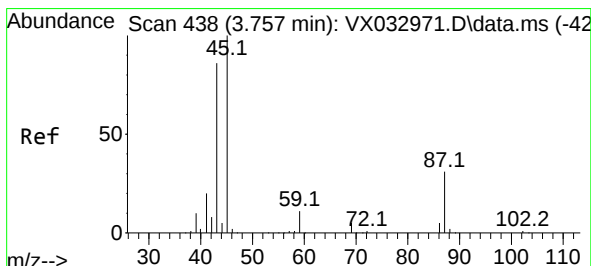
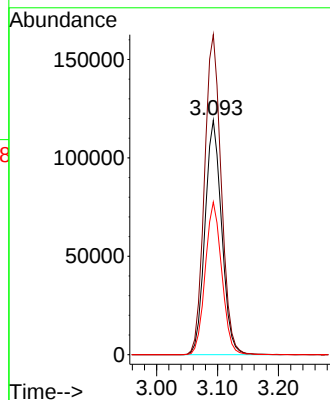
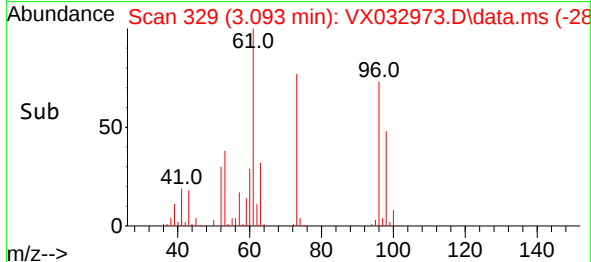
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 225968
Ion Ratio Lower Upper
96 100
61 136.5 106.6 160.0
98 65.1 51.0 76.6

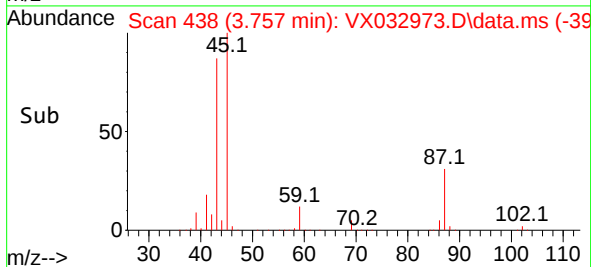
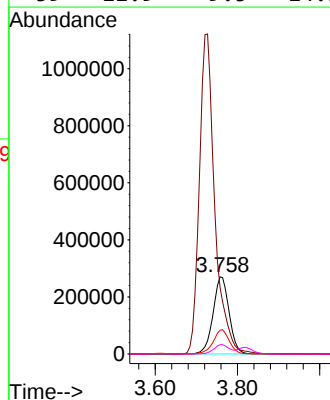
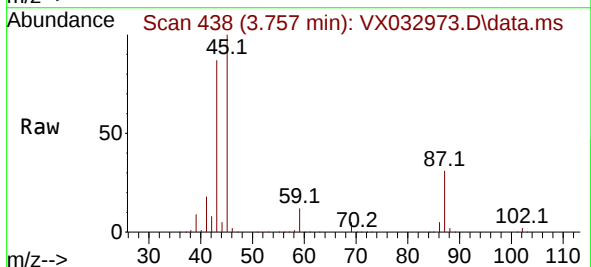
Manual Integrations
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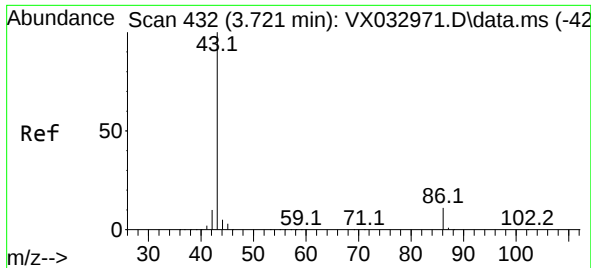
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#22
Diisopropyl ether
Concen: 137.642 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 45 Resp: 728629
Ion Ratio Lower Upper
45 100
43 86.6 56.4 84.6#
87 30.8 24.4 36.6
59 11.9 9.5 14.3





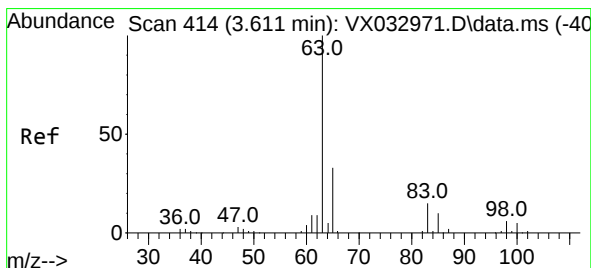
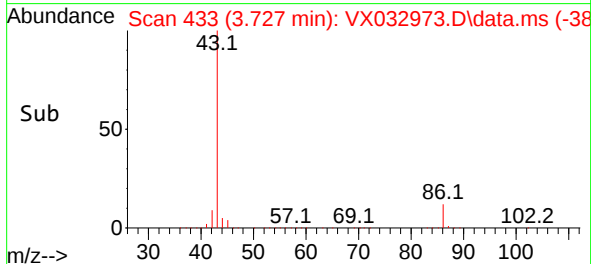
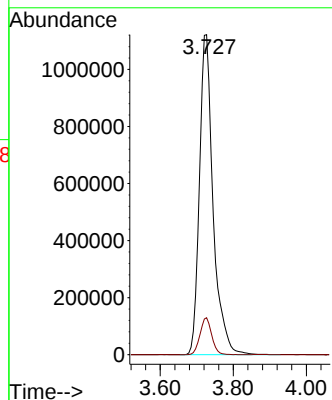
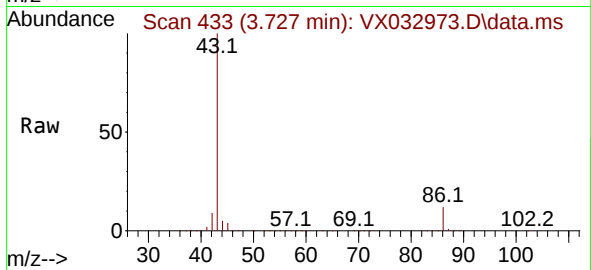
#23
 Vinyl Acetate
 Concen: 683.986 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX032973.D
 Acq: 22 Nov 2022 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 292529
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8

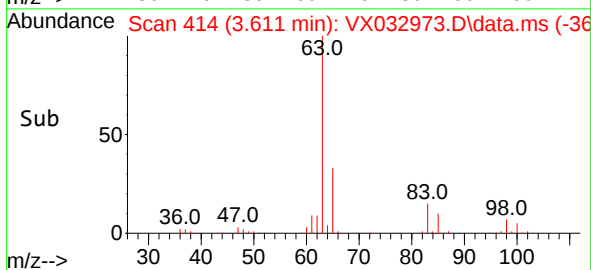
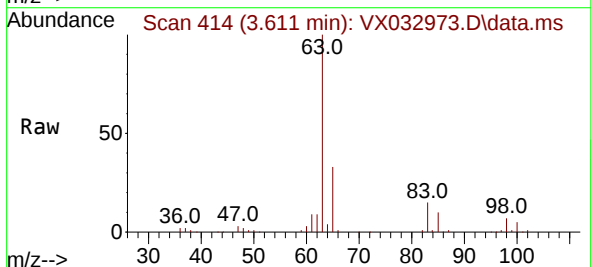
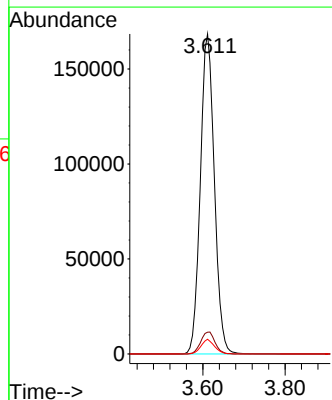
Manual Integrations
 APPROVED

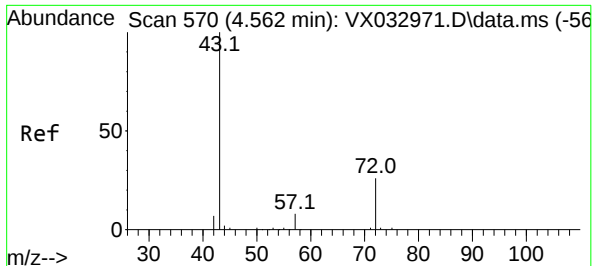
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 130.857 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032973.D
 Acq: 22 Nov 2022 11:24

Tgt Ion: 63 Resp: 398444
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 587.197 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 70333

Ion Ratio Lower Upper

43 100

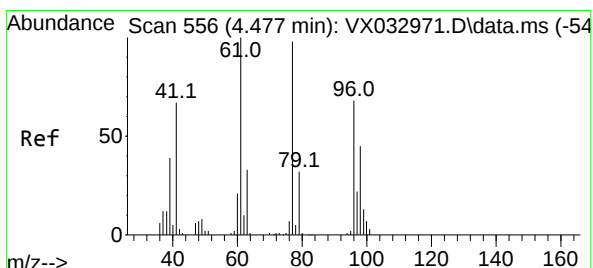
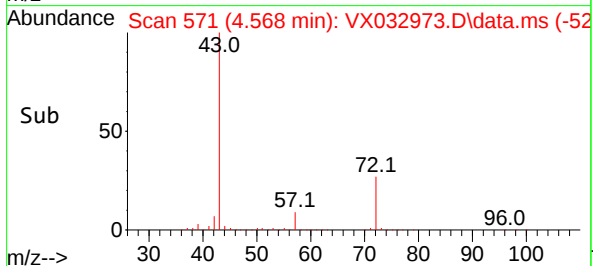
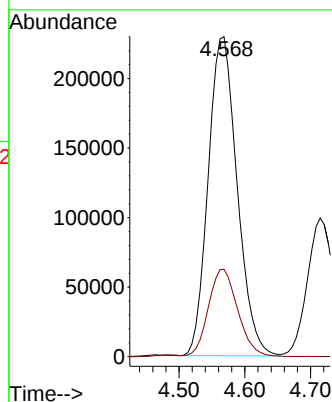
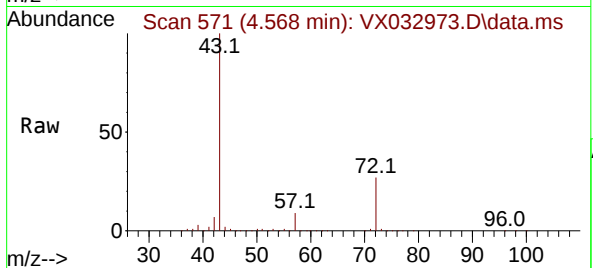
72 27.3 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#26

2,2-Dichloropropane

Concen: 144.558 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX032973.D

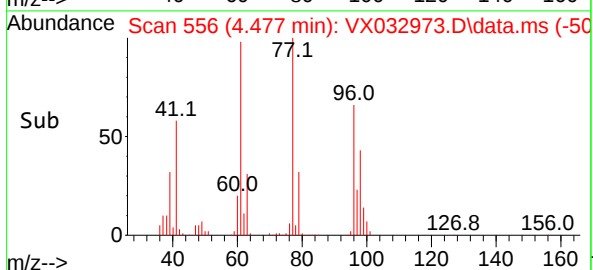
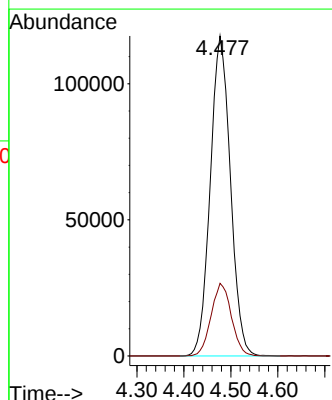
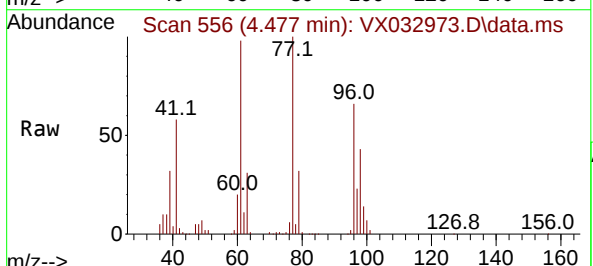
Acq: 22 Nov 2022 11:24

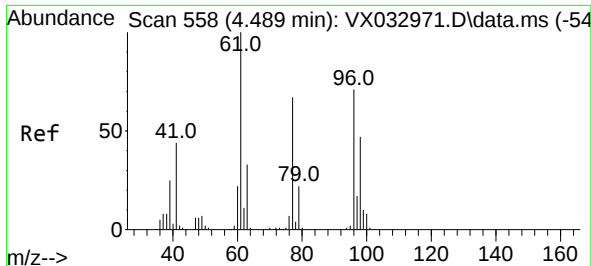
Tgt Ion: 77 Resp: 349894

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 136.601 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 263870

Ion Ratio Lower Upper

96 100

61 143.2 0.0 286.0

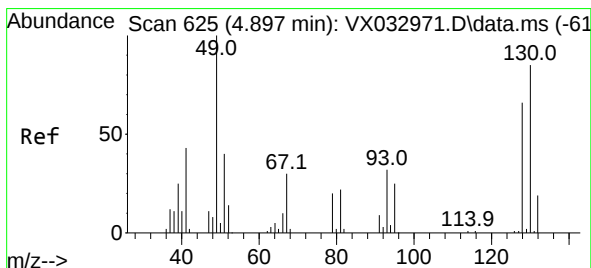
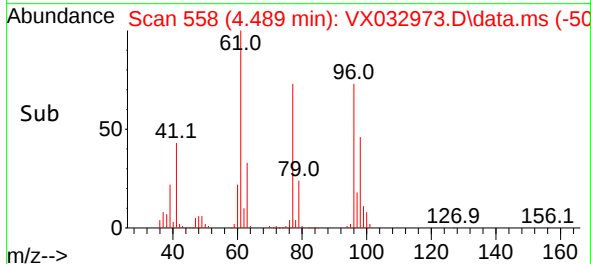
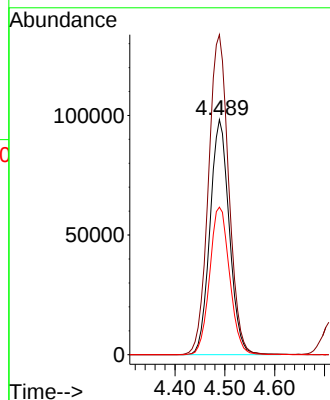
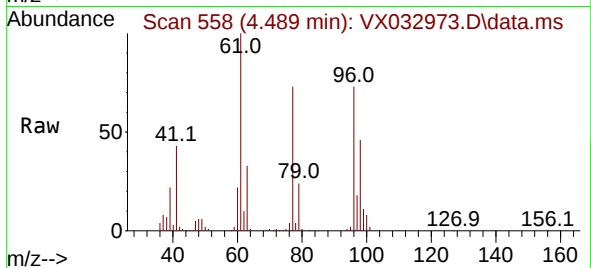
98 64.9 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#28

Bromochloromethane

Concen: 156.608 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

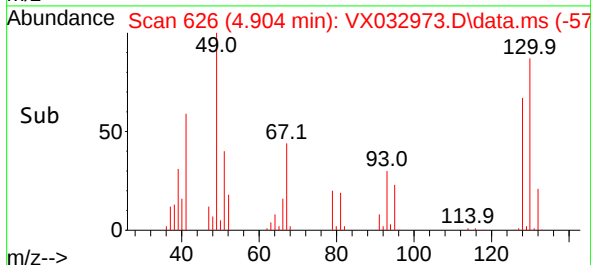
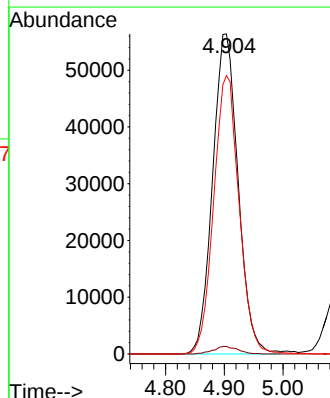
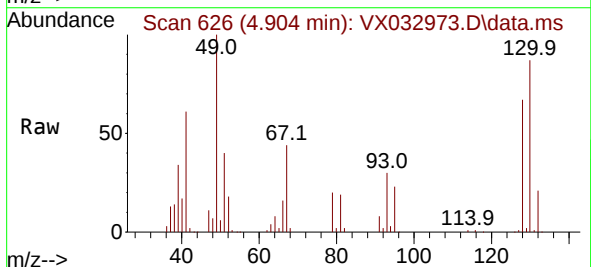
Tgt Ion: 49 Resp: 169853

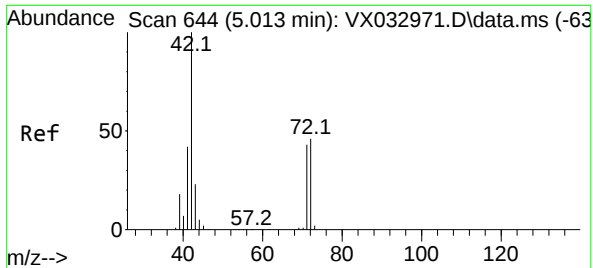
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 86.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 593.590 ug/l

RT: 5.007 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 453372

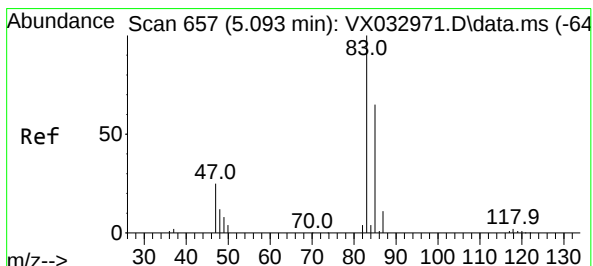
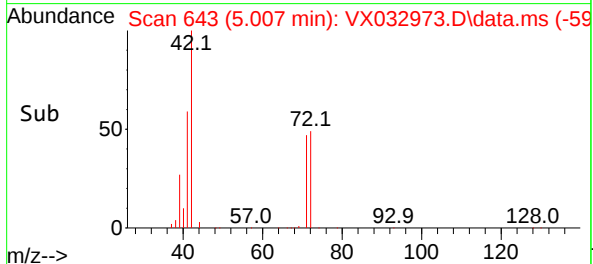
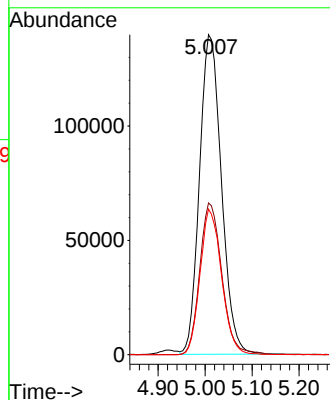
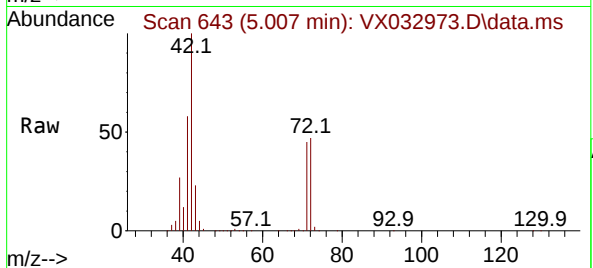
Ion	Ratio	Lower	Upper
42	100		
72	48.0	37.6	56.4
71	44.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 135.693 ug/l

RT: 5.093 min Scan# 657

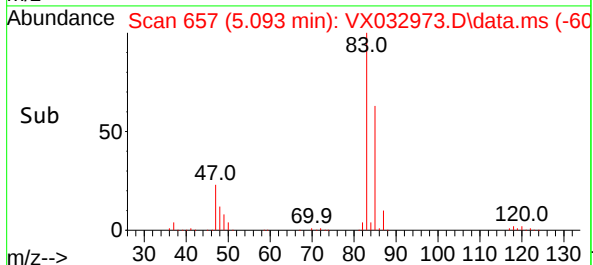
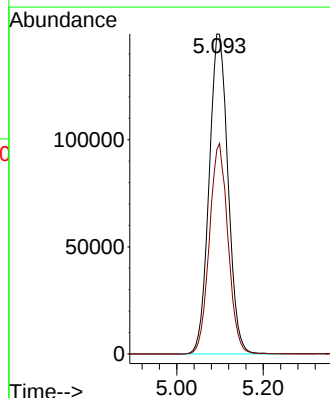
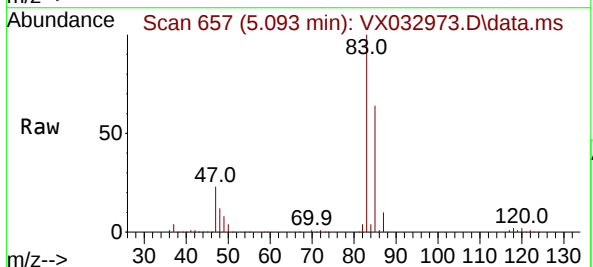
Delta R.T. -0.006 min

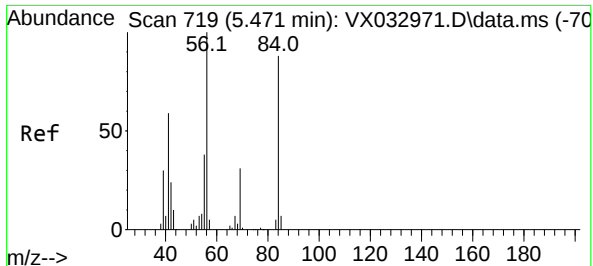
Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion: 83 Resp: 453368

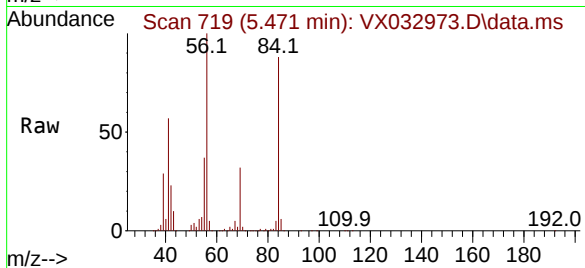
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.1	76.7





#31
Cyclohexane
Concen: 138.963 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

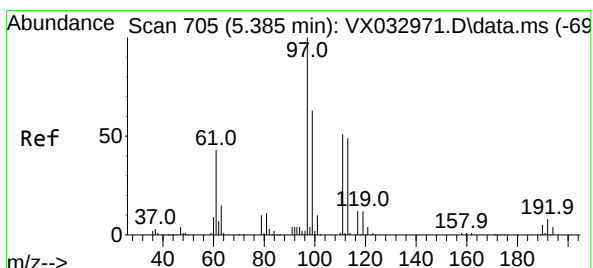
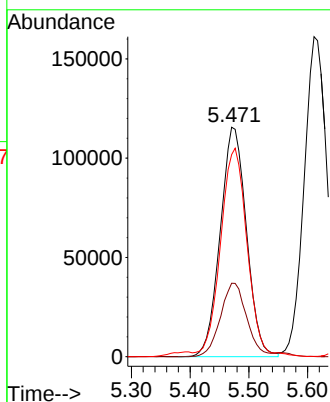
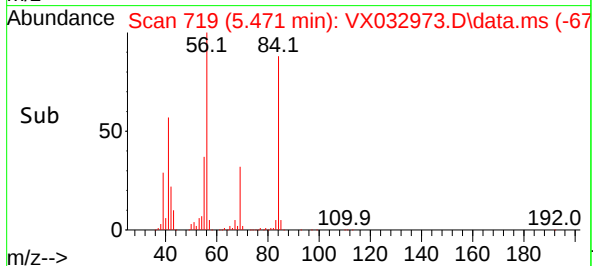
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



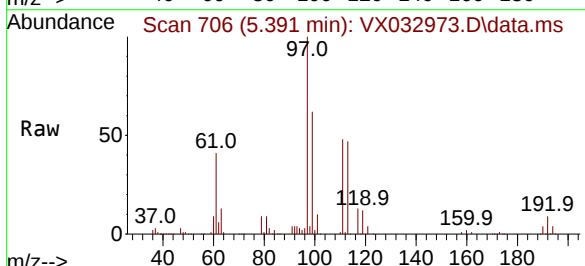
Tgt Ion: 56 Resp: 358402
Ion Ratio Lower Upper
56 100
69 32.0 24.1 36.1
84 86.4 66.9 100.3

Manual Integrations
APPROVED

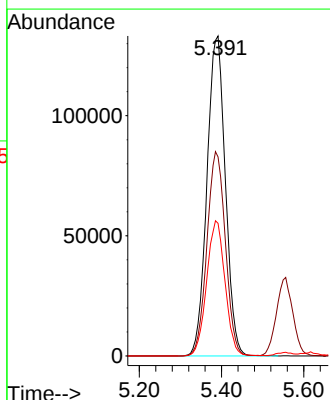
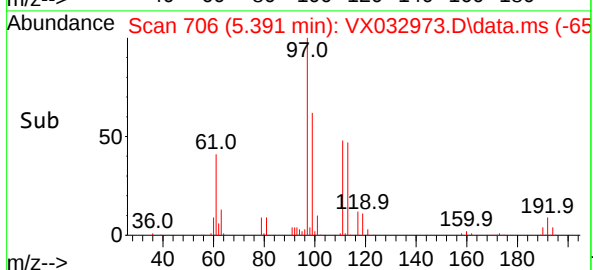
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

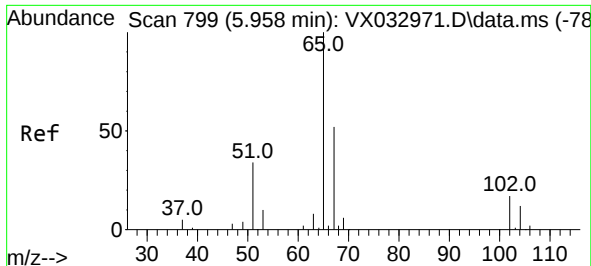


#32
1,1,1-Trichloroethane
Concen: 138.163 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24



Tgt Ion: 97 Resp: 414243
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 42.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 98.951 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 21048

Ion Ratio Lower Upper

65 100

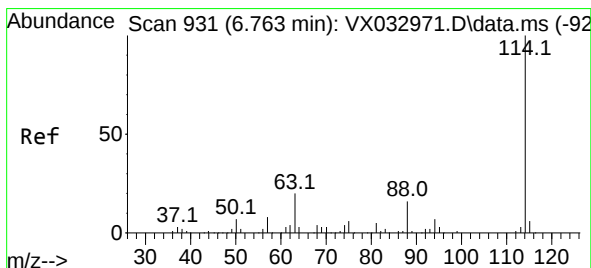
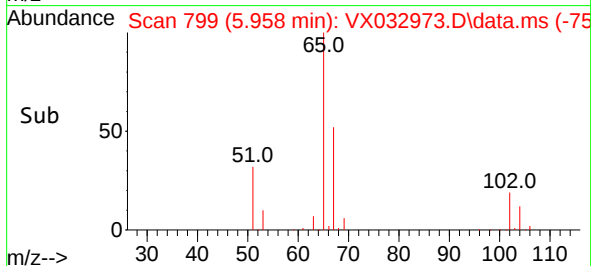
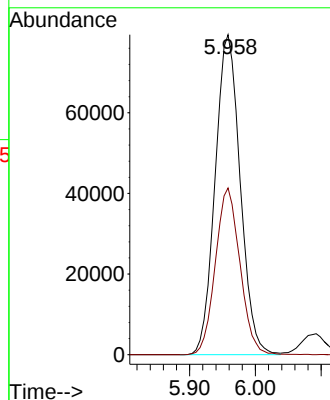
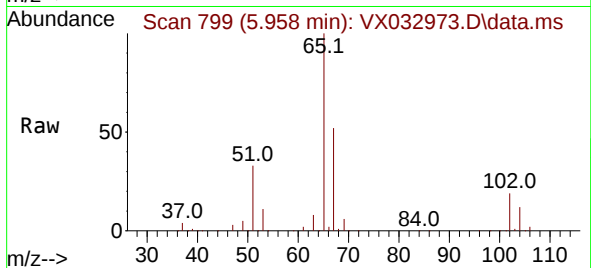
67 51.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

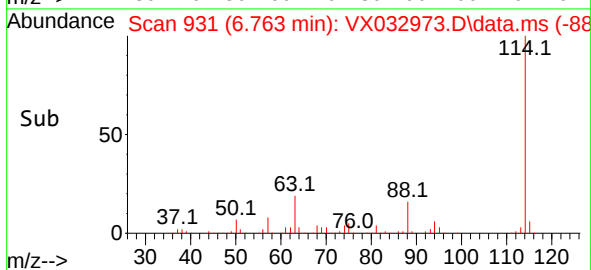
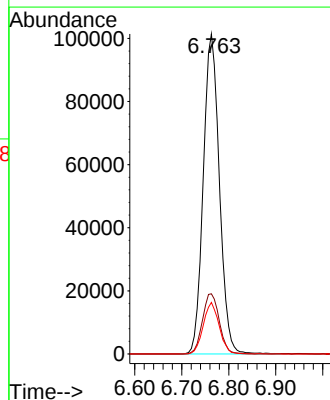
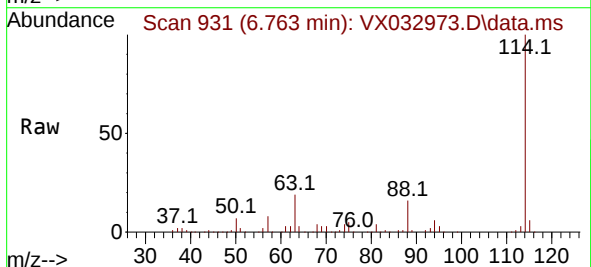
Tgt Ion:114 Resp: 241159

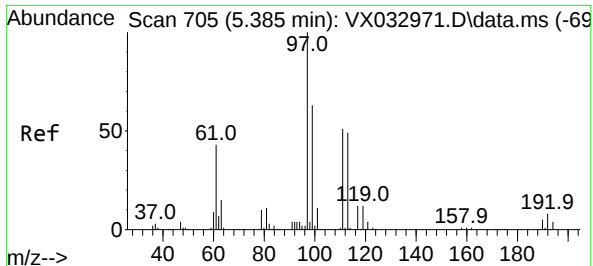
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 16.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 106.513 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

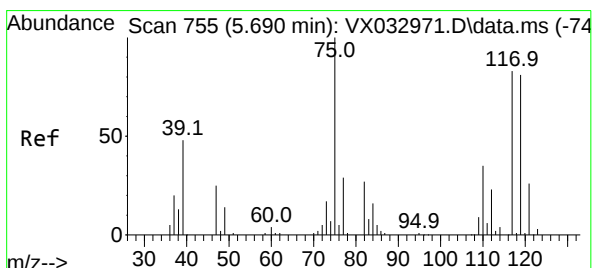
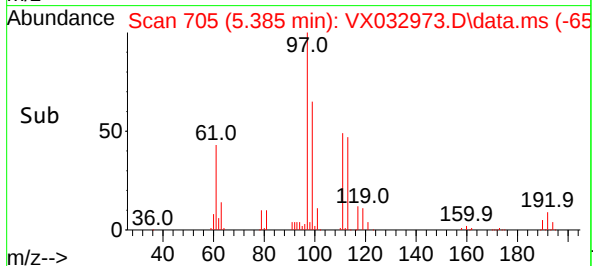
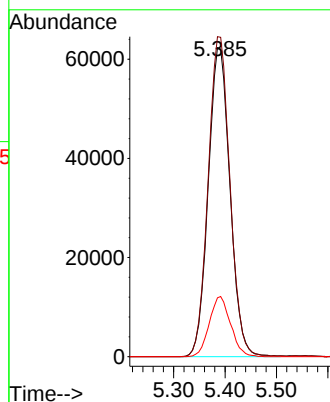
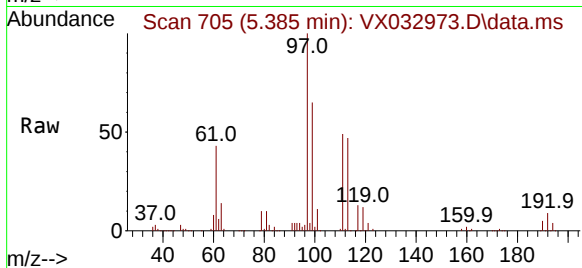
Tgt Ion:113 Resp: 183225
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.4 123.6
 192 19.0 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 135.642 ug/l

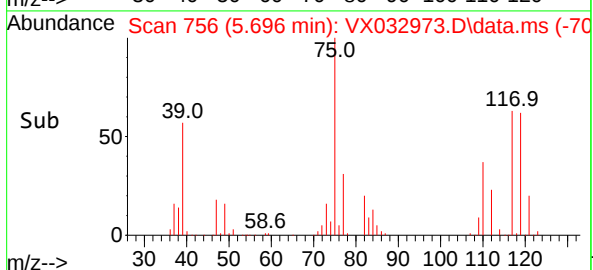
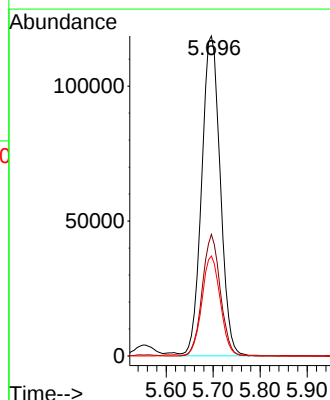
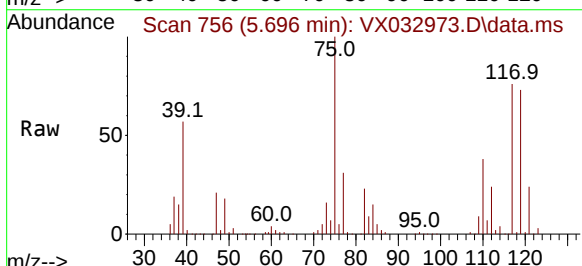
RT: 5.696 min Scan# 756

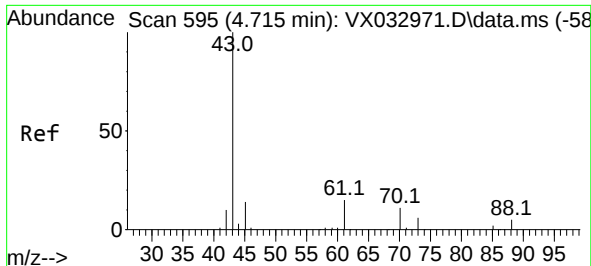
Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion: 75 Resp: 324928
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.4 55.2
 77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 117.459 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 292879

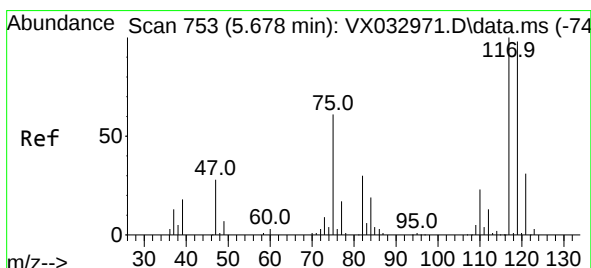
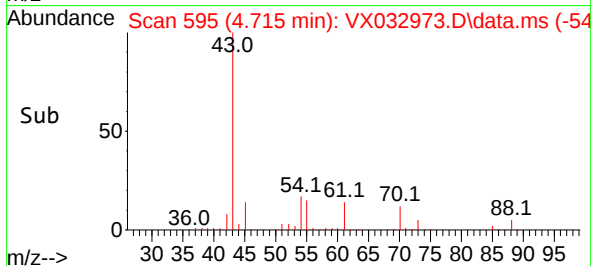
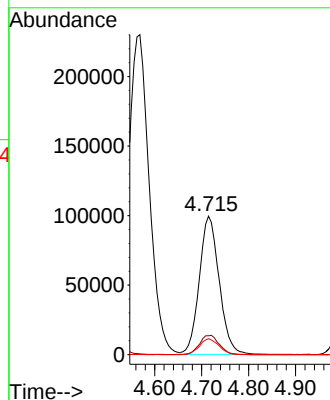
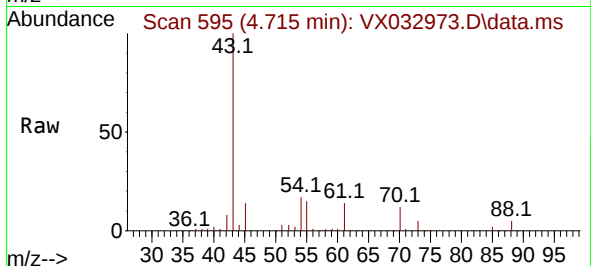
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	11.2	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 137.446 ug/l

RT: 5.678 min Scan# 753

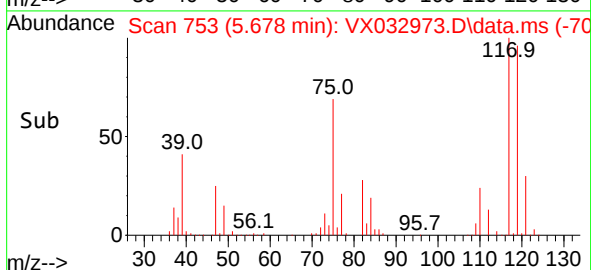
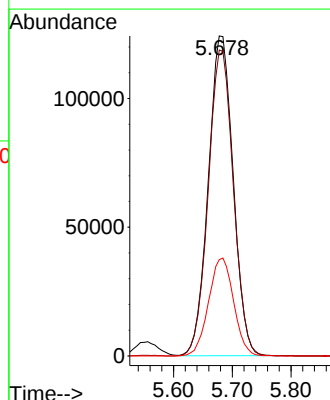
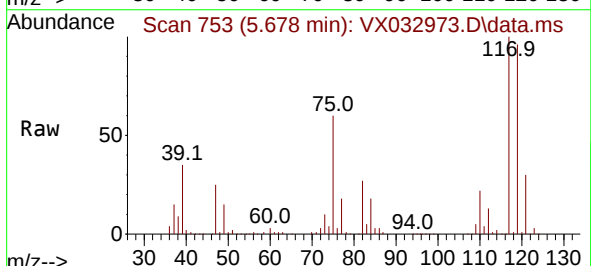
Delta R.T. -0.006 min

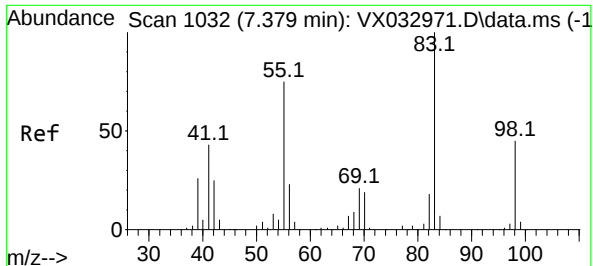
Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion:117 Resp: 365181

Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.2	115.8
121	30.1	25.8	38.6





#39

Methylcyclohexane

Concen: 132.404 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 37526

Ion Ratio Lower Upper

83 100

55 72.5 58.4 87.6

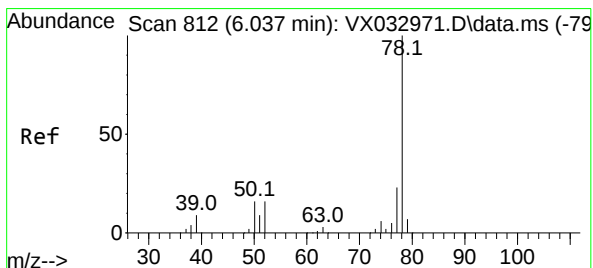
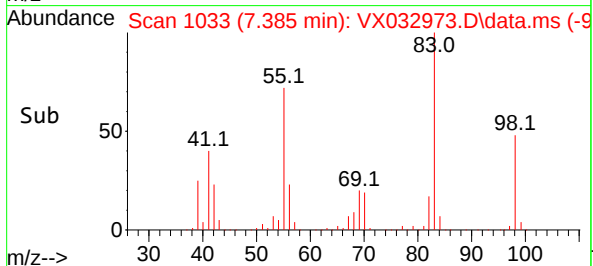
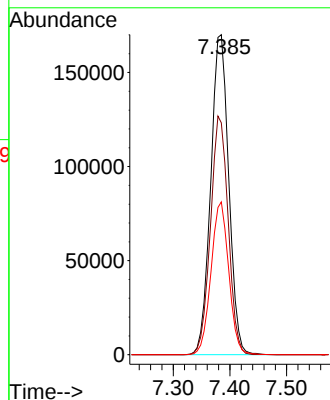
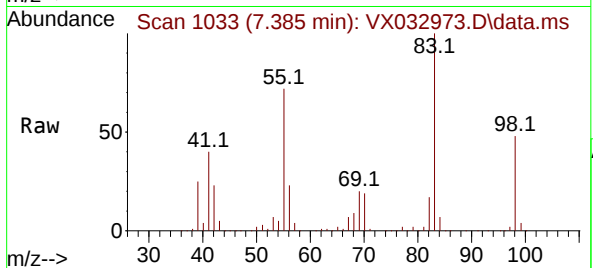
98 47.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#40

Benzene

Concen: 134.341 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032973.D

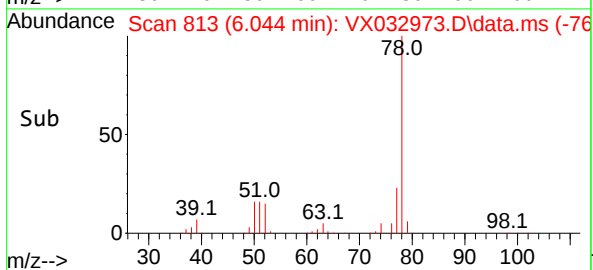
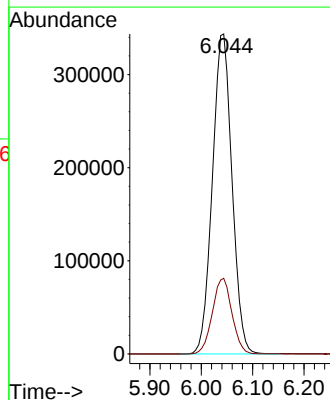
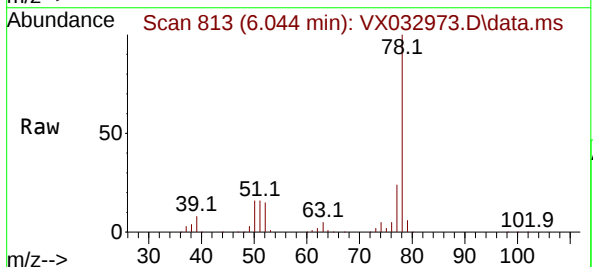
Acq: 22 Nov 2022 11:24

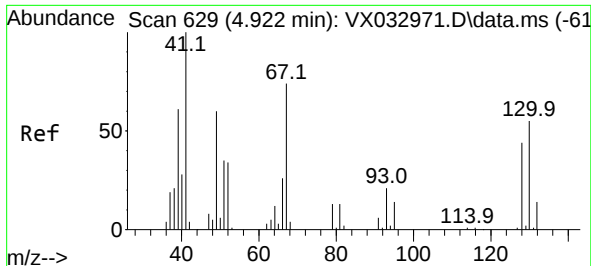
Tgt Ion: 78 Resp: 910669

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 132.236 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

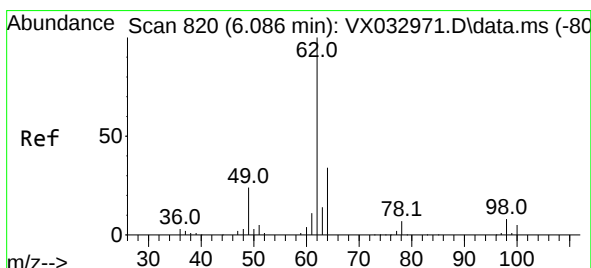
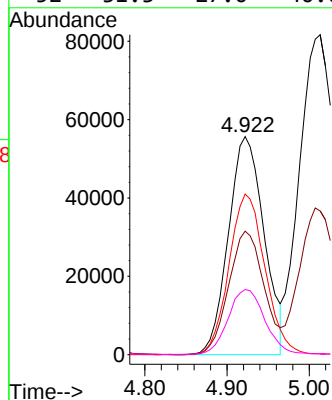
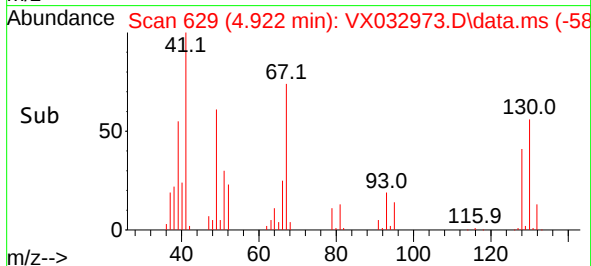
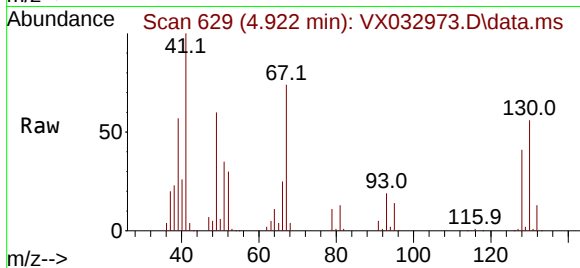
VSTDIC150

Tgt Ion: 41 Resp: 167970
Ion Ratio Lower Upper
41 100
39 56.3 47.5 71.3
67 74.6 60.5 90.7
52 31.3 27.0 40.6

Manual Integrations

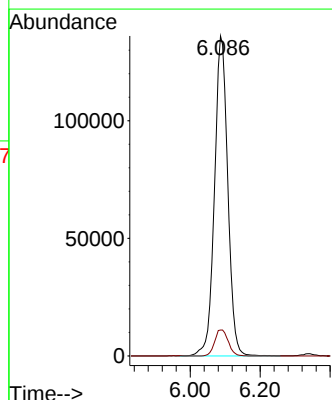
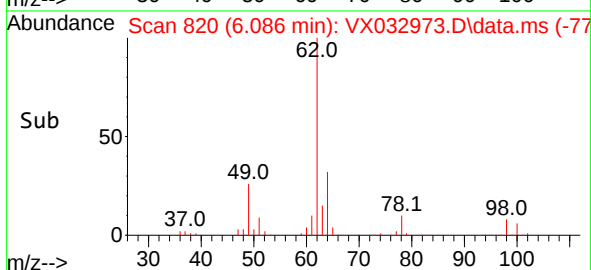
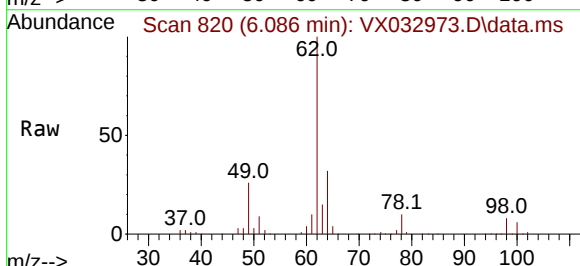
APPROVED

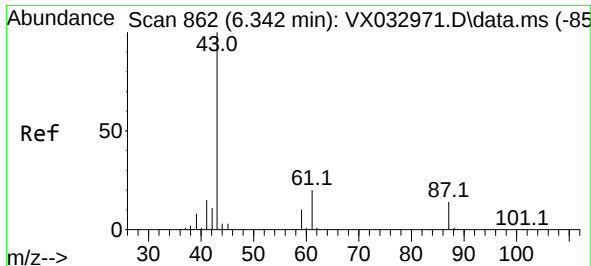
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 129.332 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 62 Resp: 358382
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 130.572 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

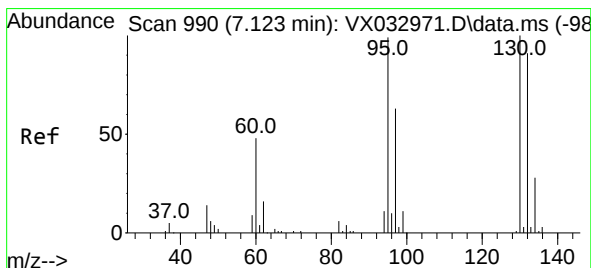
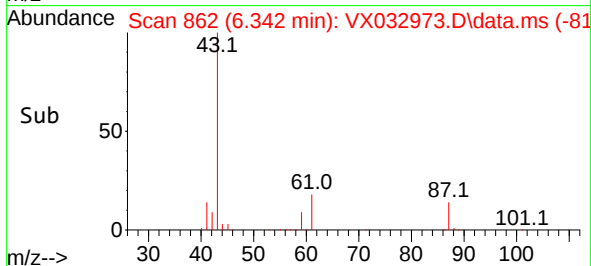
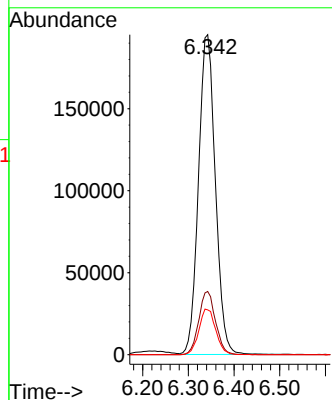
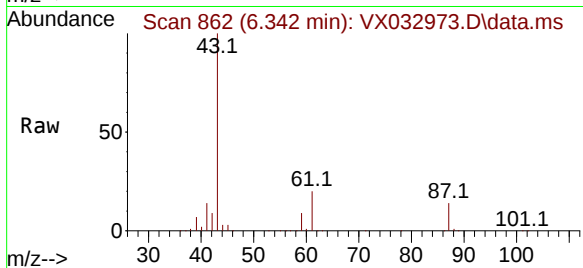
Tgt Ion: 43 Resp: 499895
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.4 23.0
 87 14.2 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#44

Trichloroethene

Concen: 132.679 ug/l

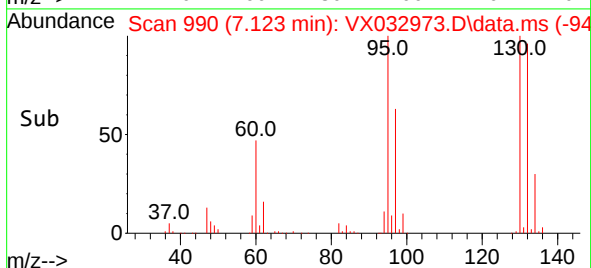
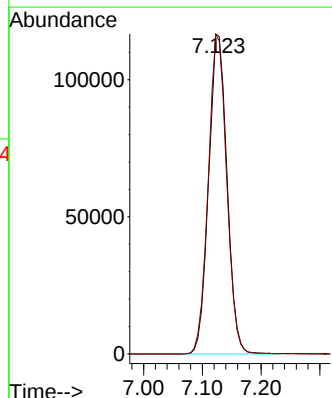
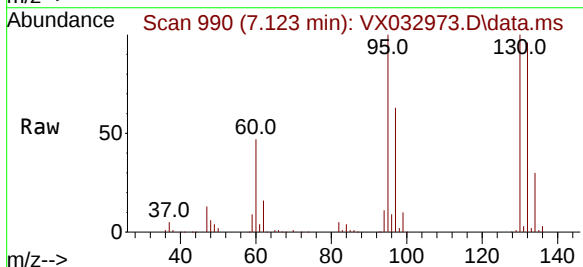
RT: 7.123 min Scan# 990

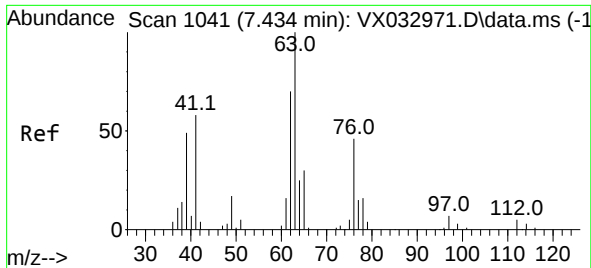
Delta R.T. -0.006 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion:130 Resp: 253188
 Ion Ratio Lower Upper
 130 100
 95 99.8 0.0 195.2





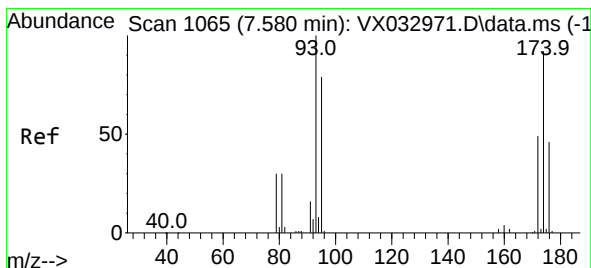
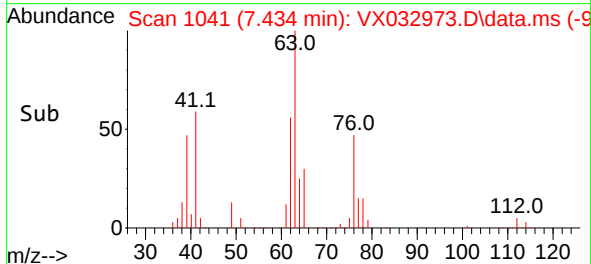
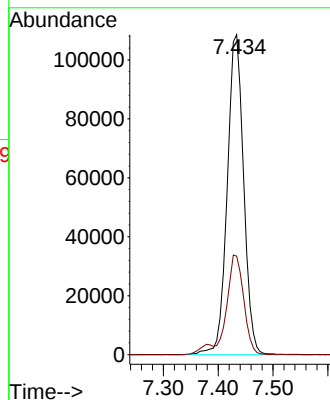
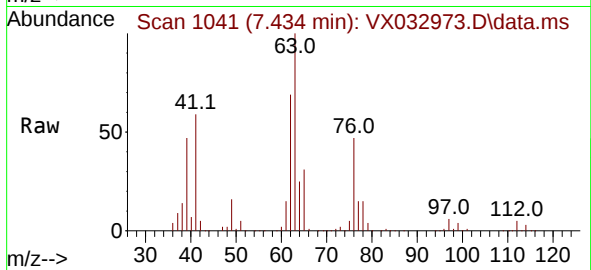
#45
1,2-Dichloropropane
Concen: 130.193 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 22655
Ion Ratio Lower Upper
63 100
65 30.8 24.6 36.8

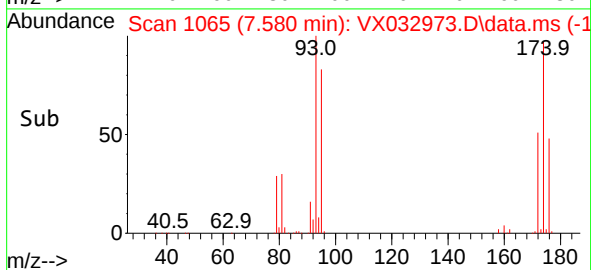
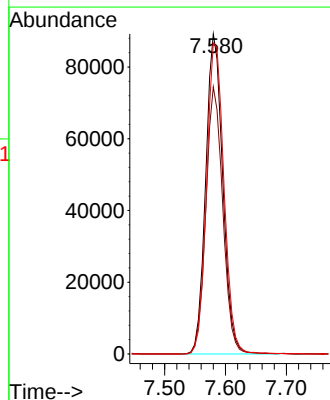
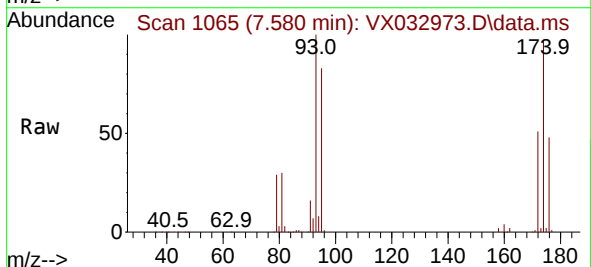
Manual Integrations
APPROVED

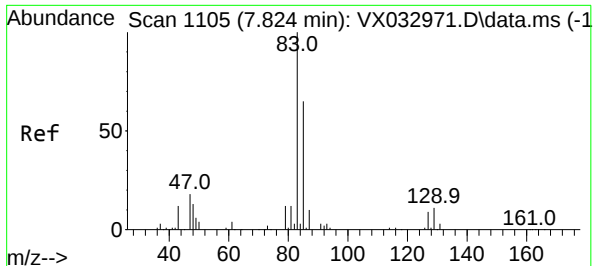
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#46
Dibromomethane
Concen: 130.151 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

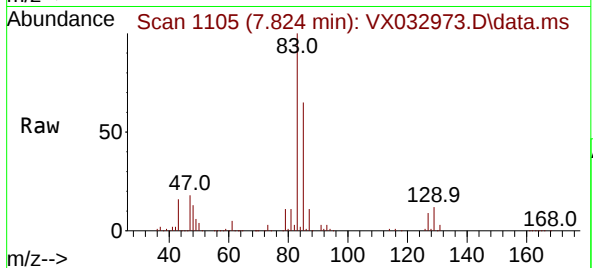
Tgt Ion: 93 Resp: 173689
Ion Ratio Lower Upper
93 100
95 82.8 65.8 98.8
174 98.8 79.8 119.6





#47
Bromodichloromethane
Concen: 139.284 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

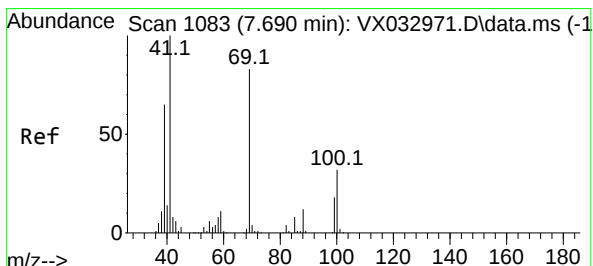
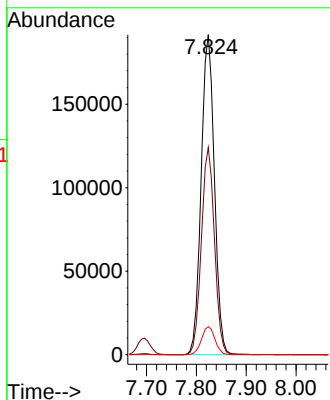
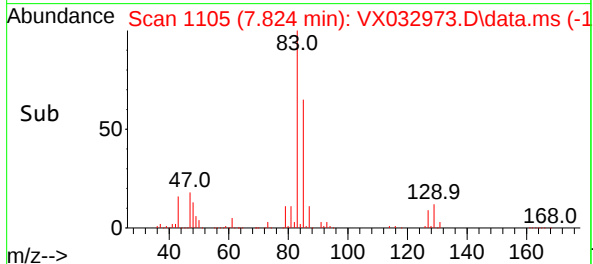
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 35228
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.4
127 8.8 7.4 11.2

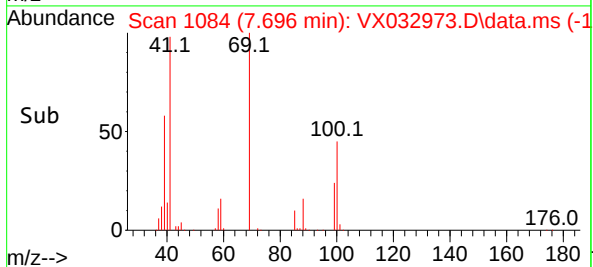
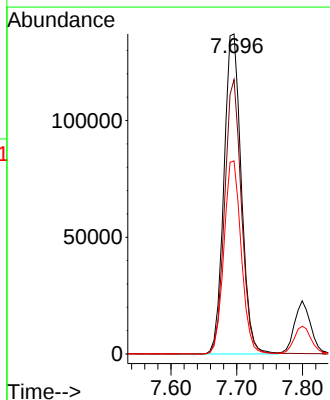
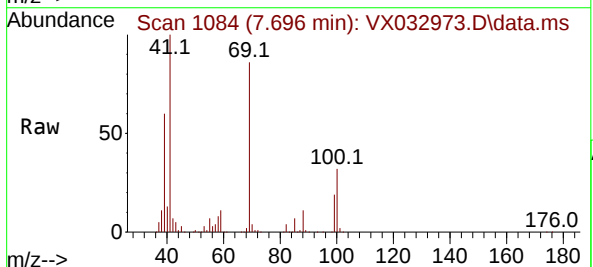
Manual Integrations
APPROVED

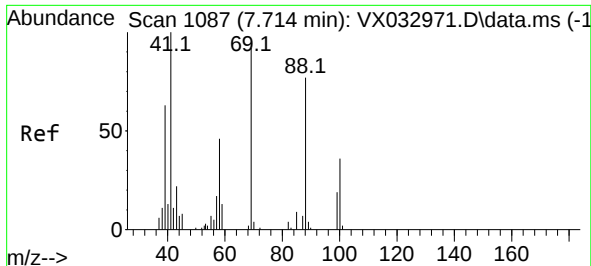
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 127.374 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 41 Resp: 251853
Ion Ratio Lower Upper
41 100
69 83.4 65.1 97.7
39 60.3 51.9 77.9





#49

1,4-Dioxane

Concen: 2054.625 ug/l

RT: 7.720 min Scan# 1087

Delta R.T. 0.049 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 7742

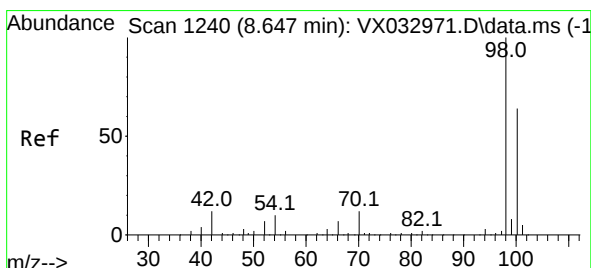
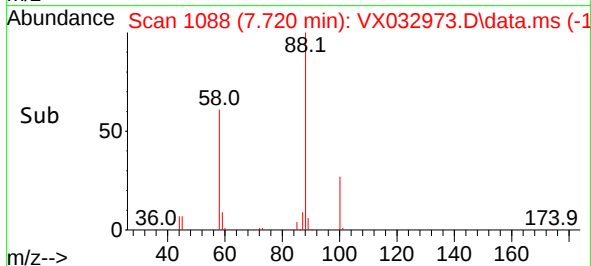
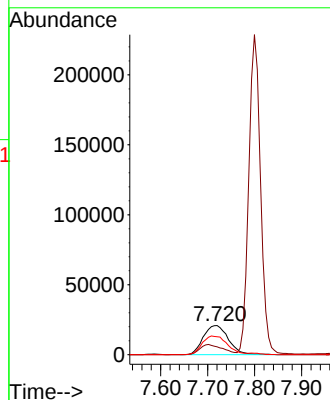
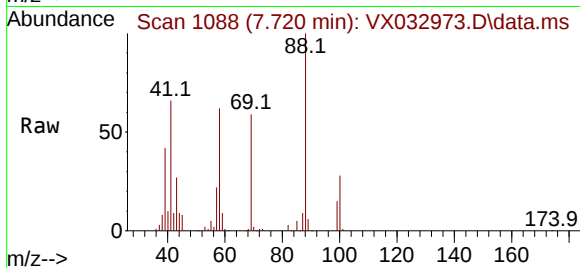
Ion	Ratio	Lower	Upper
88	100		
43	31.5	26.6	39.8
58	63.9	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 97.705 ug/l

RT: 8.653 min Scan# 1241

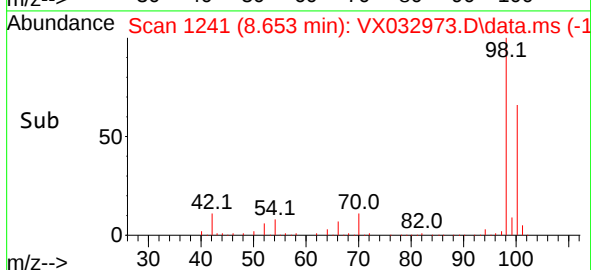
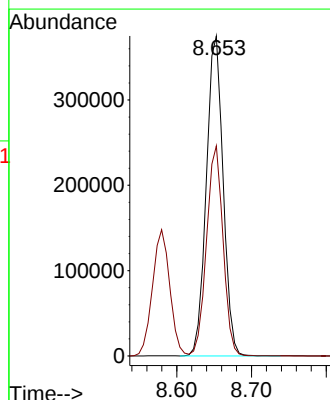
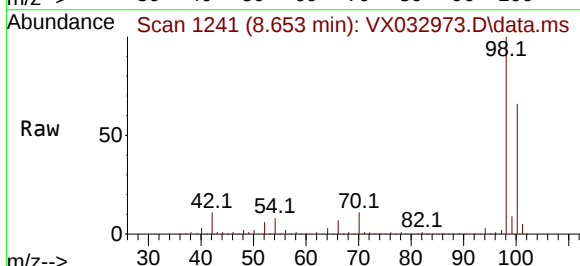
Delta R.T. 0.000 min

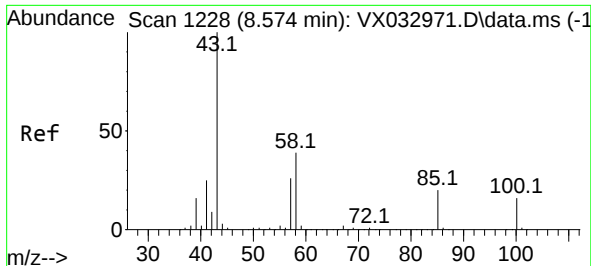
Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion: 98 Resp: 584429

Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 588.160 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

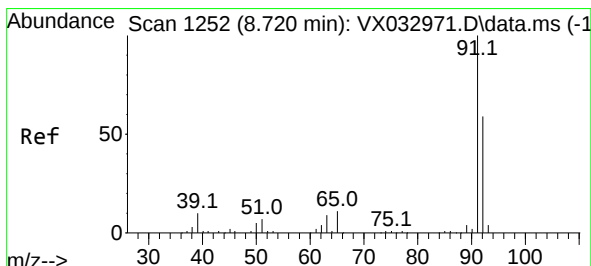
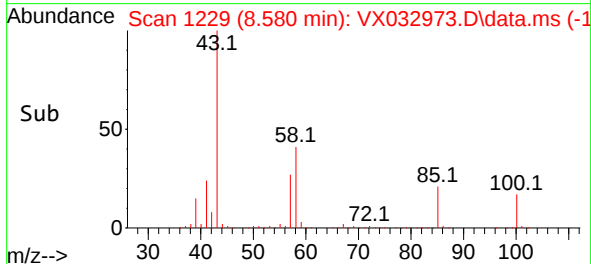
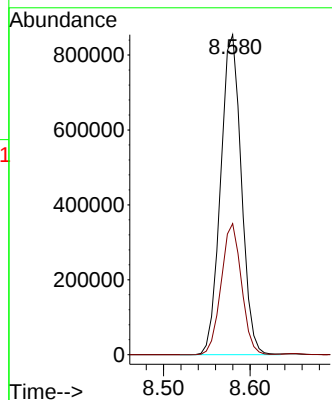
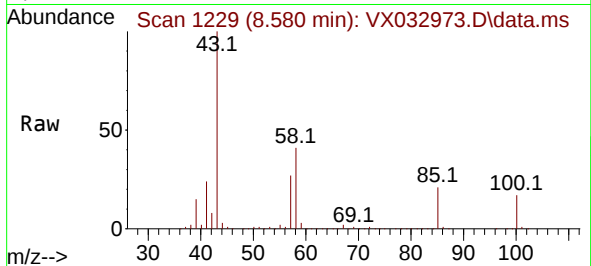
VSTDICC150

Tgt Ion: 43 Resp: 141833
Ion Ratio Lower Upper
43 100
58 40.2 30.9 46.3

Manual Integrations

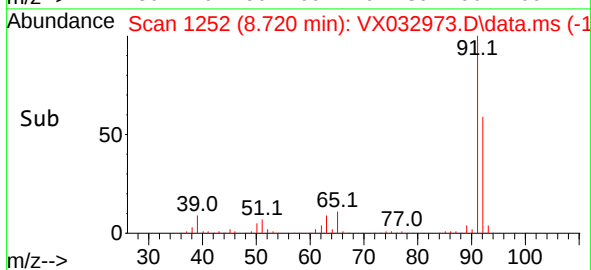
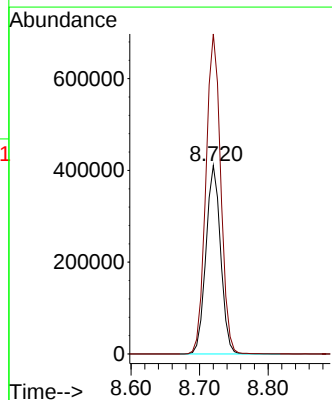
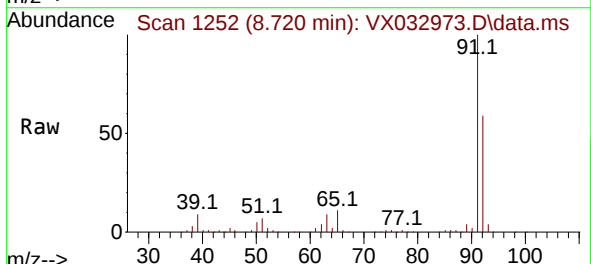
APPROVED

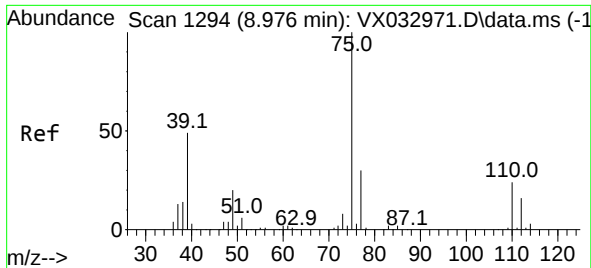
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 138.224 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 92 Resp: 611324
Ion Ratio Lower Upper
92 100
91 171.9 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 149.248 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

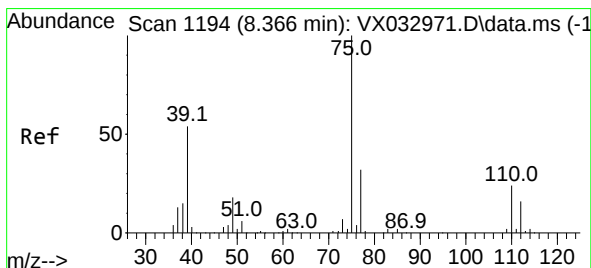
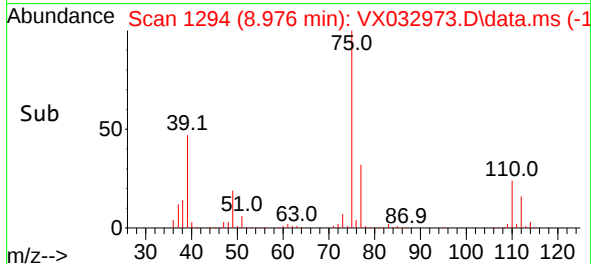
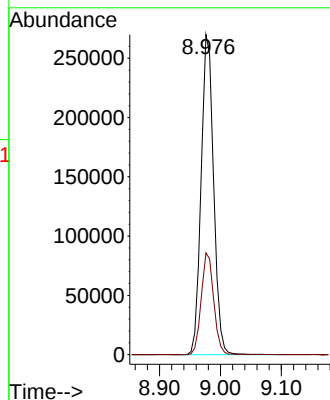
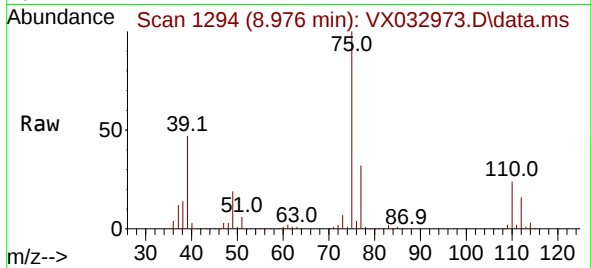
VSTDICC150

Tgt Ion: 75 Resp: 385154
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

Manual Integrations

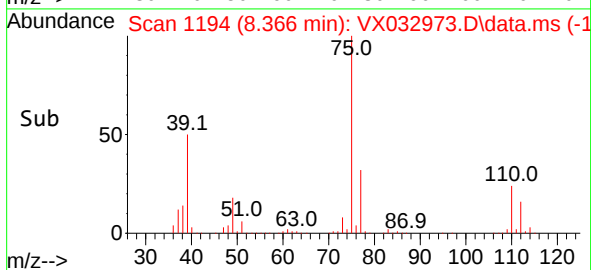
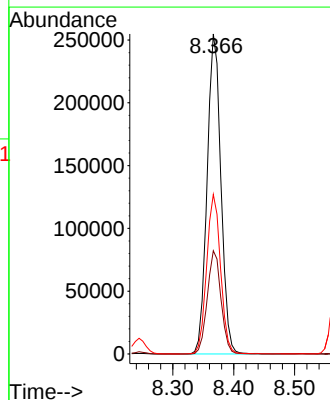
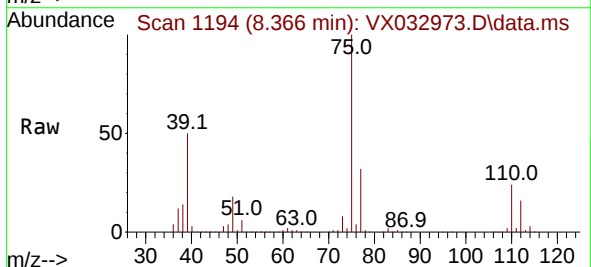
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#54
cis-1,3-Dichloropropene
Concen: 145.593 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 75 Resp: 401866
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7
39 49.8 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 132.686 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

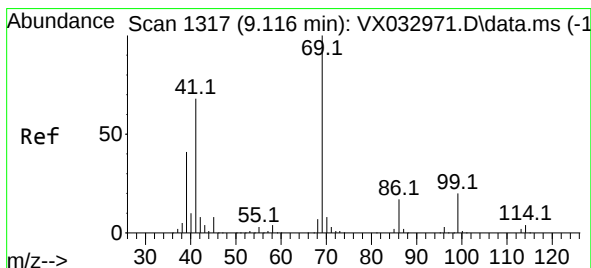
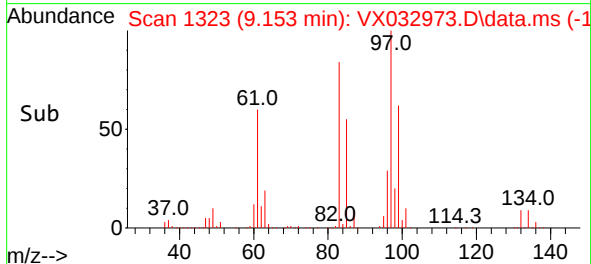
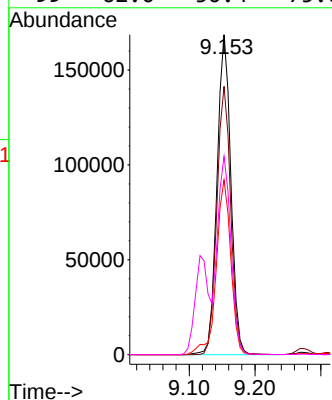
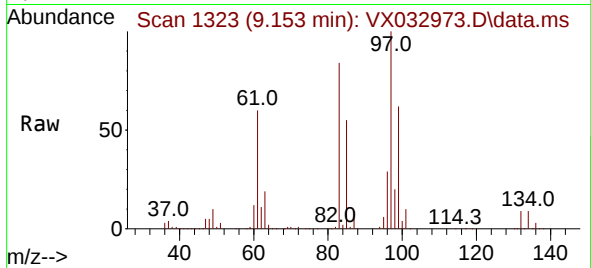
VSTDICC150

Tgt Ion: 97 Resp: 247140
Ion Ratio Lower Upper
97 100
83 83.9 68.1 102.1
85 54.6 43.3 64.9
99 62.0 50.4 75.6

Manual Integrations

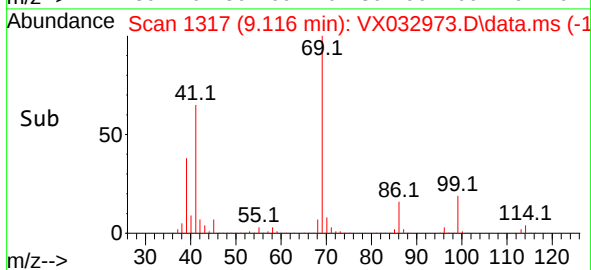
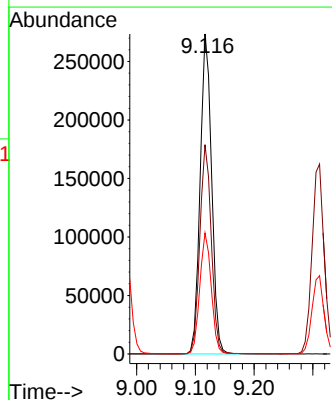
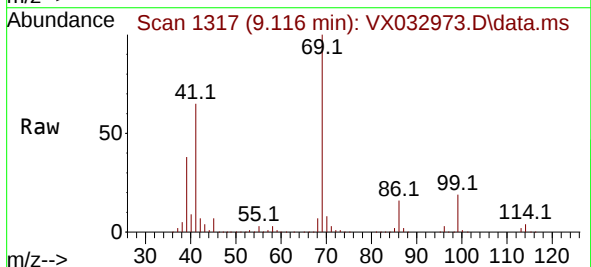
APPROVED

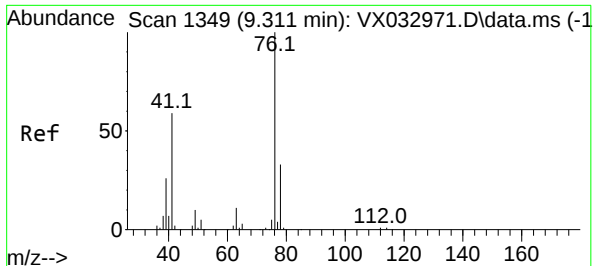
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#56
Ethyl methacrylate
Concen: 138.587 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 69 Resp: 371466
Ion Ratio Lower Upper
69 100
41 65.6 54.3 81.5
39 38.0 35.2 52.8





#57

1,3-Dichloropropane

Concen: 130.240 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 391744

Ion Ratio Lower Upper

76 100

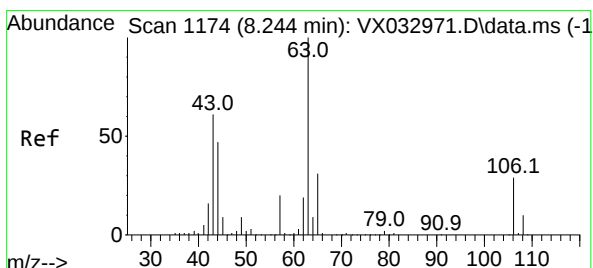
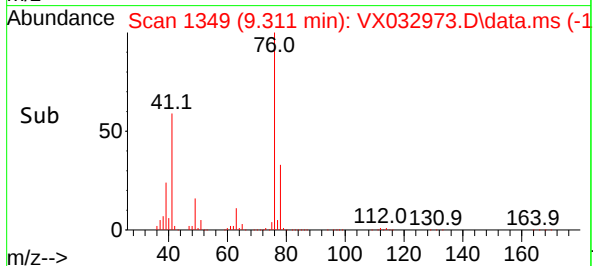
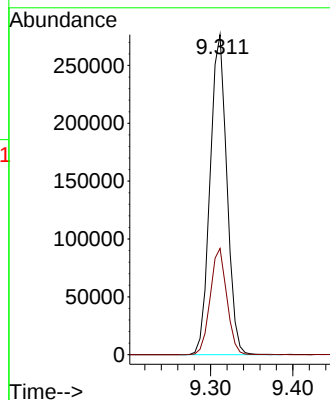
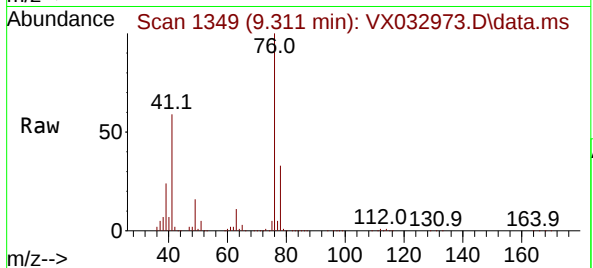
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 659.623 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032973.D

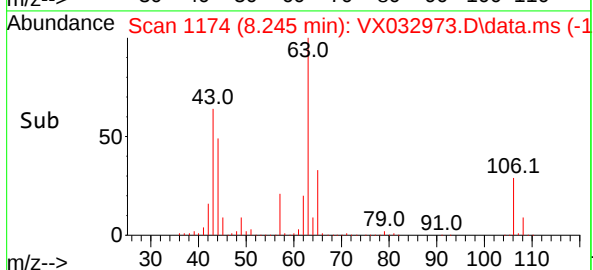
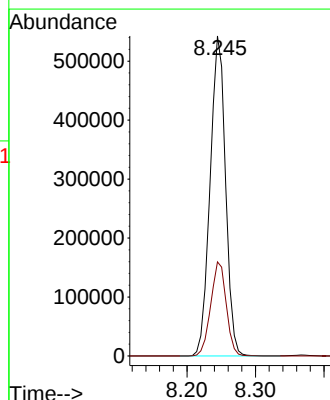
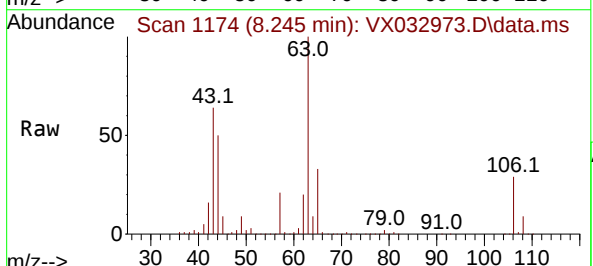
Acq: 22 Nov 2022 11:24

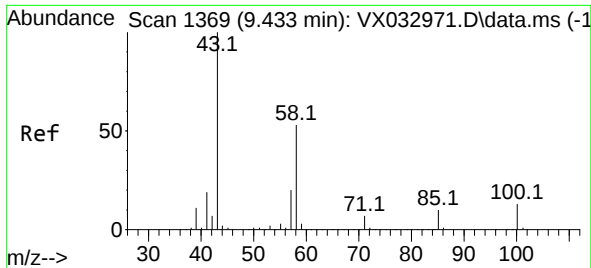
Tgt Ion: 63 Resp: 851330

Ion Ratio Lower Upper

63 100

106 29.5 23.3 34.9





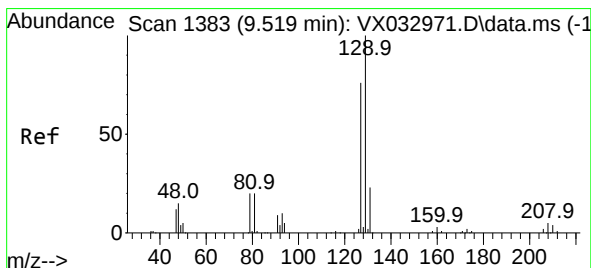
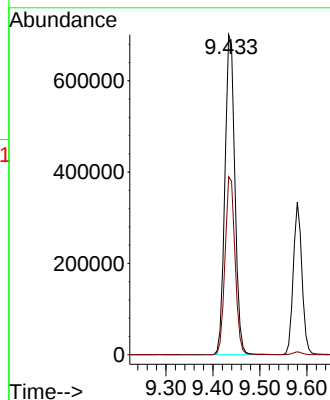
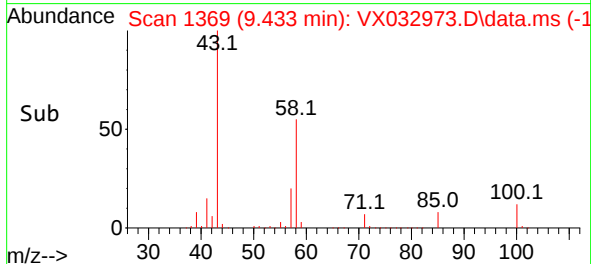
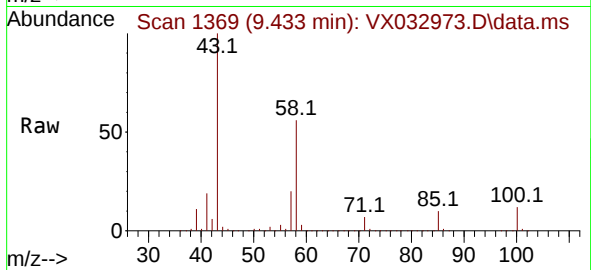
#59
2-Hexanone
Concen: 580.243 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 103825
Ion Ratio Lower Upper
43 100
58 55.7 26.5 79.5

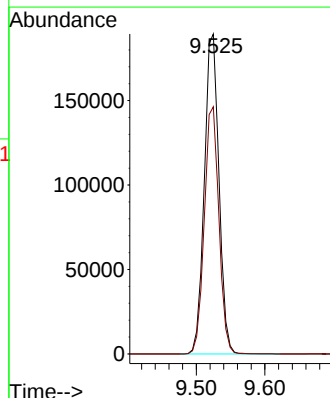
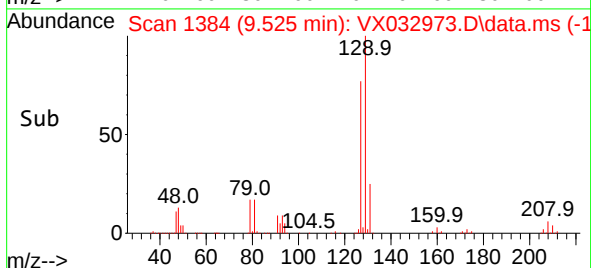
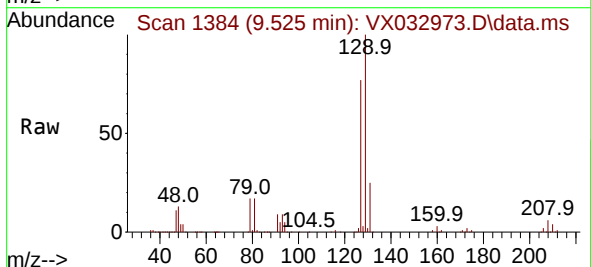
Manual Integrations
APPROVED

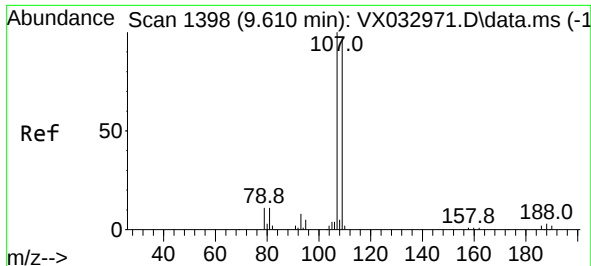
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#60
Dibromochloromethane
Concen: 138.200 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion:129 Resp: 281156
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





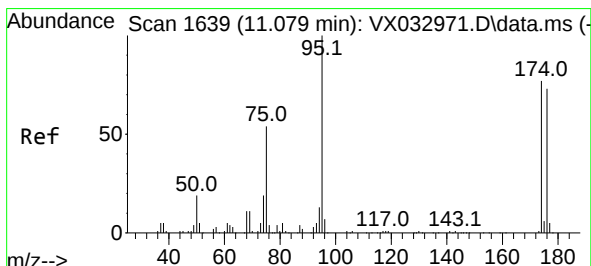
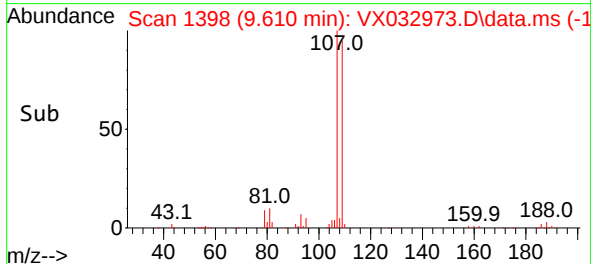
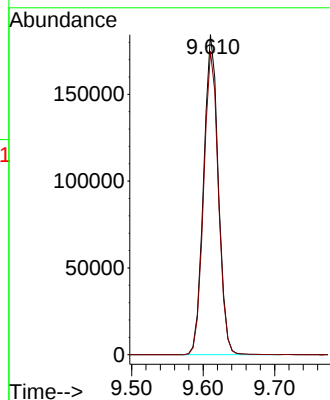
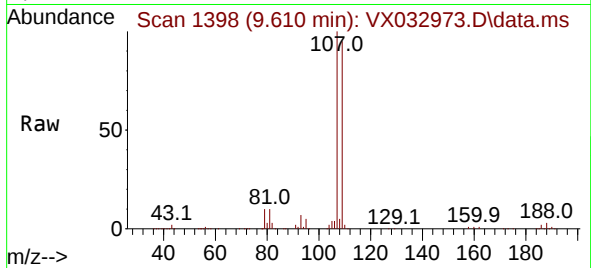
#61
1,2-Dibromoethane
Concen: 133.427 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 263324
Ion Ratio Lower Upper
107 100
109 94.5 76.0 114.0

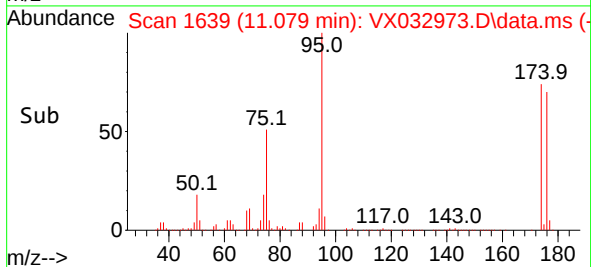
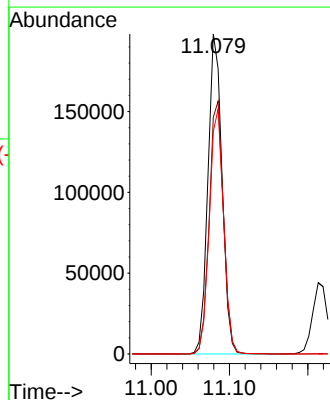
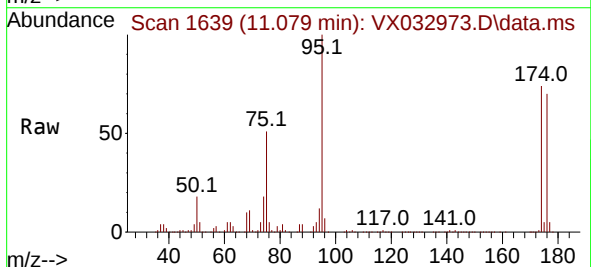
Manual Integrations
APPROVED

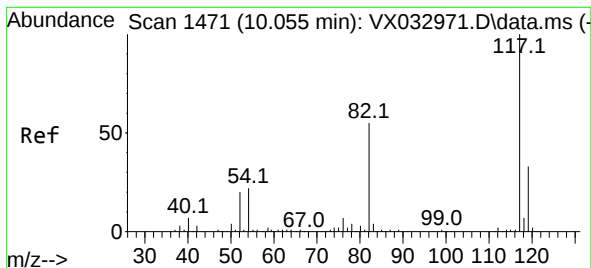
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 105.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

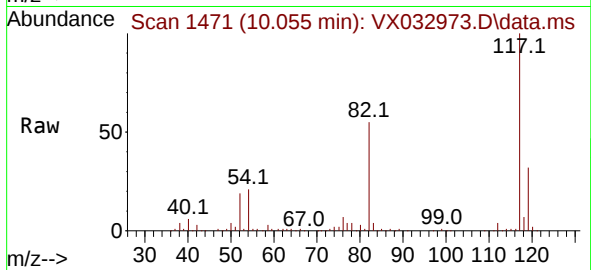
Tgt Ion: 95 Resp: 246419
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.0
176 77.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

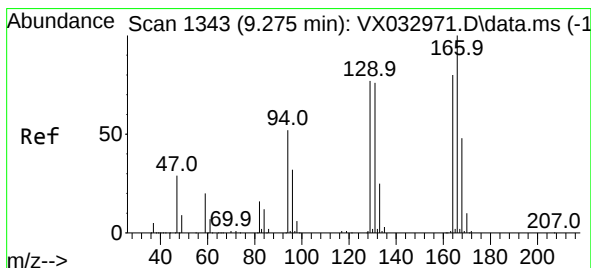
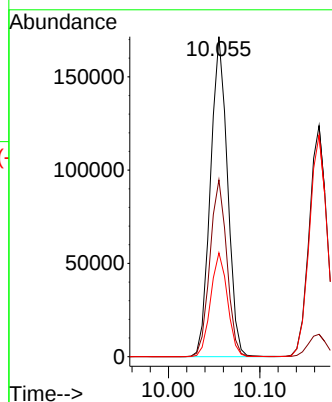
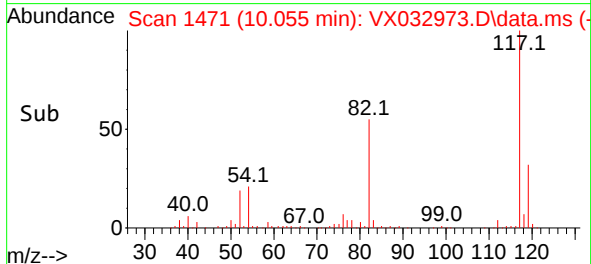
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 221511
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.7 38.5

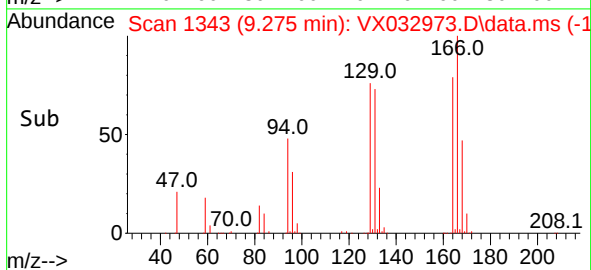
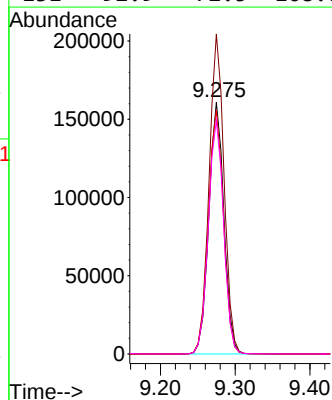
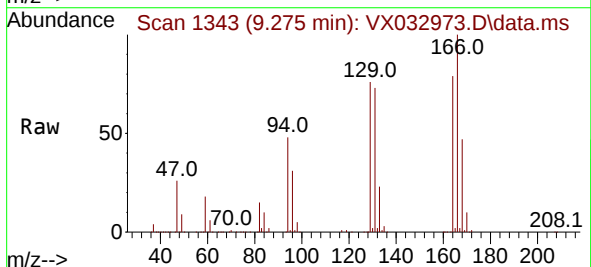
Manual Integrations
APPROVED

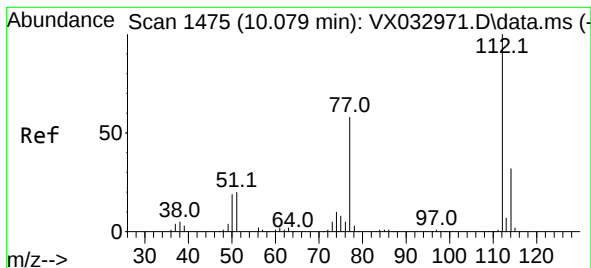
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 138.944 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion:164 Resp: 225273
Ion Ratio Lower Upper
164 100
166 127.2 105.4 158.2
129 96.9 78.2 117.2
131 92.9 72.5 108.7





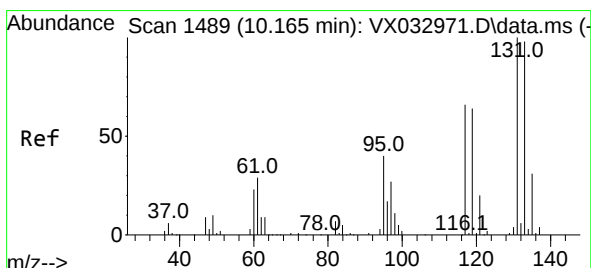
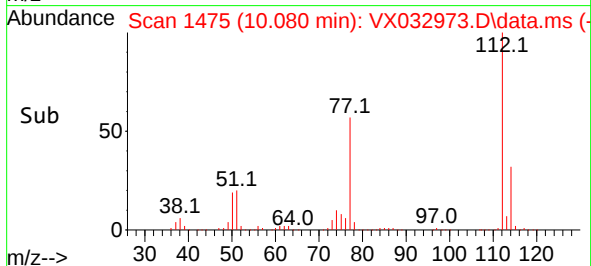
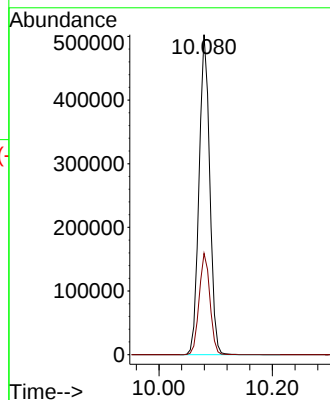
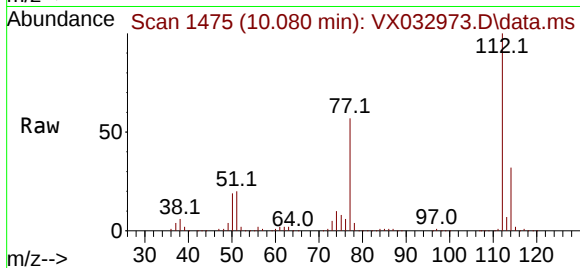
#65
Chlorobenzene
Concen: 131.841 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 654192
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

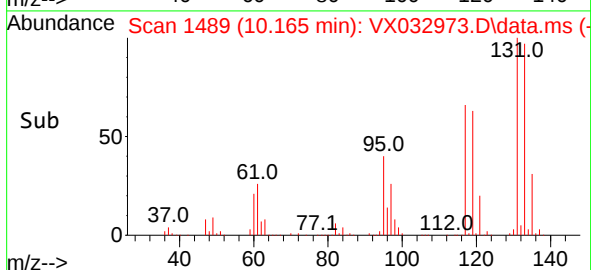
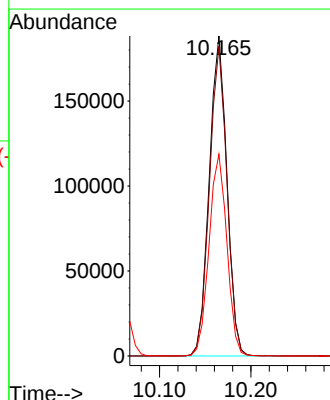
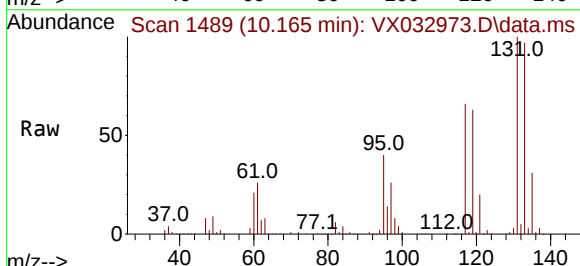
Manual Integrations
APPROVED

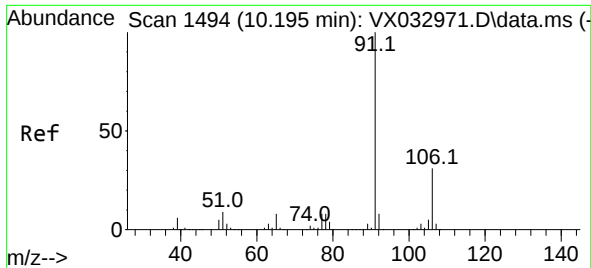
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 135.056 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

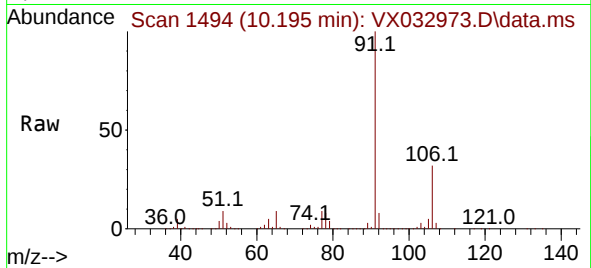
Tgt Ion:131 Resp: 252217
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 63.8 32.4 97.0





#67
Ethyl Benzene
Concen: 132.731 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

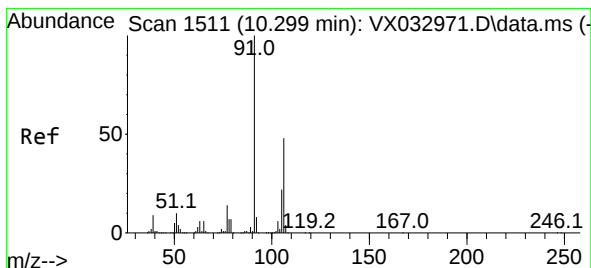
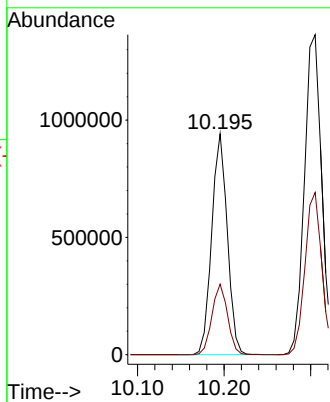
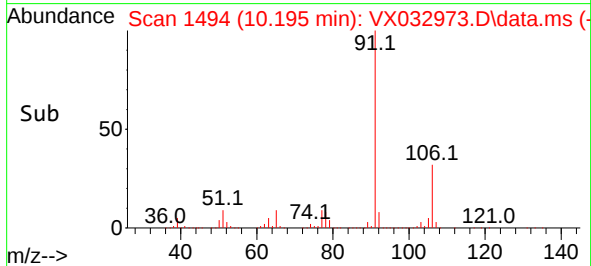
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



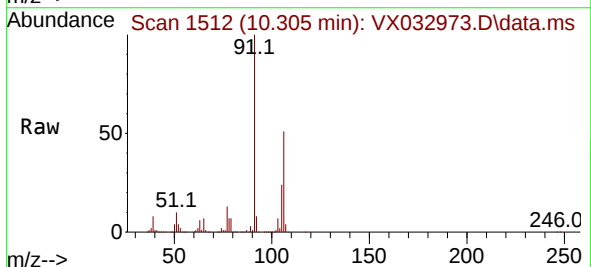
Tgt Ion: 91 Resp: 117775
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

Manual Integrations
APPROVED

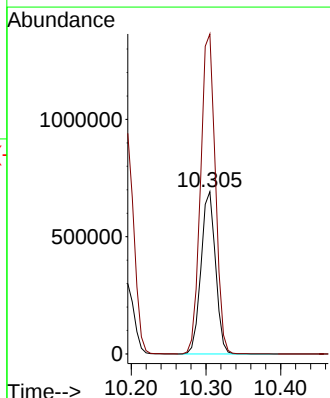
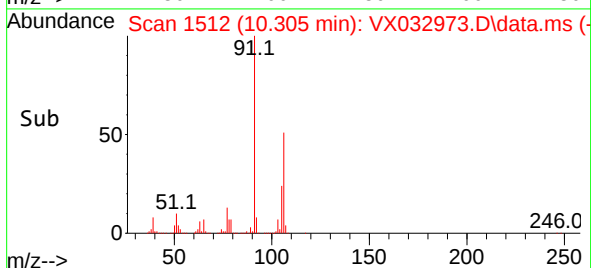
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

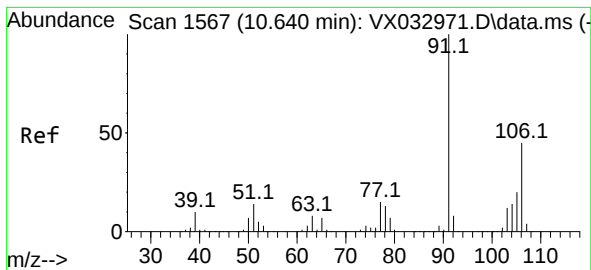


#68
m/p-Xylenes
Concen: 270.097 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24



Tgt Ion:106 Resp: 930629
Ion Ratio Lower Upper
106 100
91 201.4 164.5 246.7





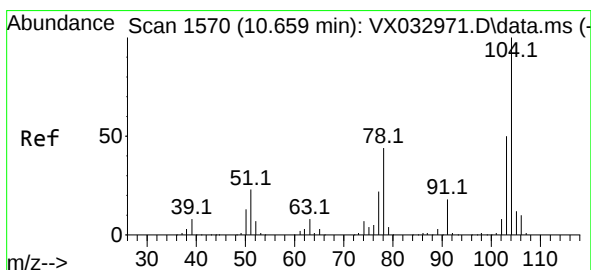
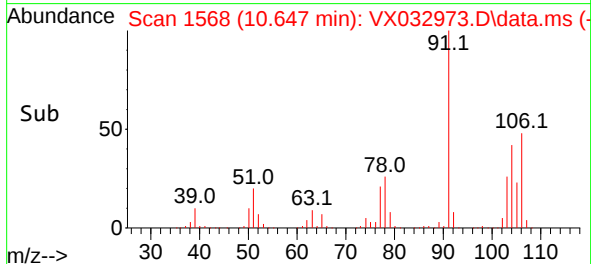
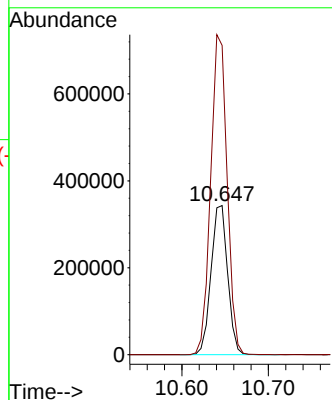
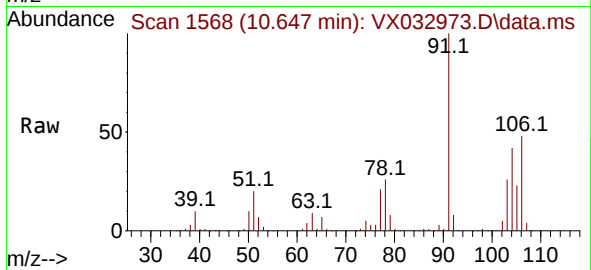
#69
o-Xylene
Concen: 136.189 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 456235
Ion Ratio Lower Upper
106 100
91 212.7 109.2 327.6

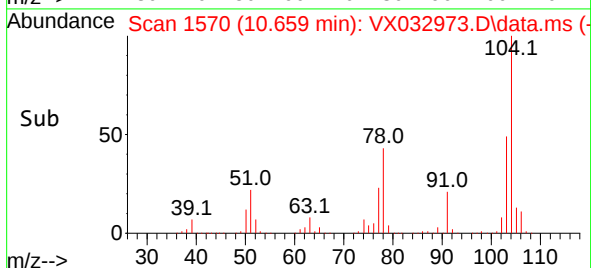
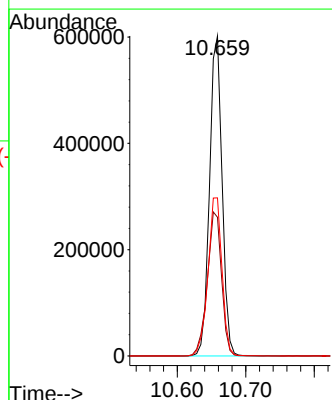
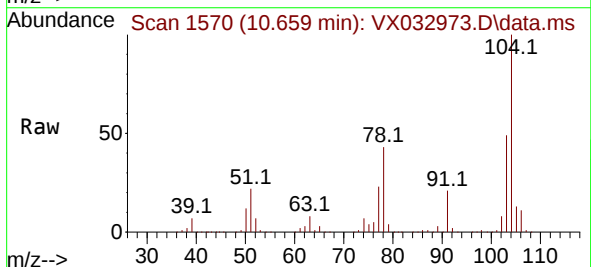
Manual Integrations
APPROVED

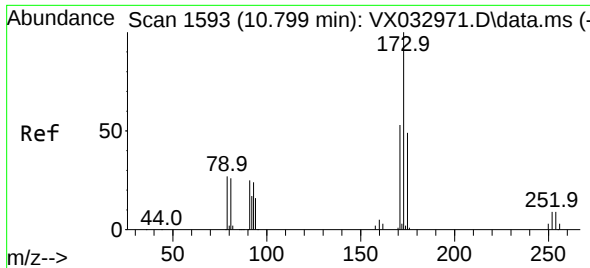
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#70
Styrene
Concen: 138.099 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

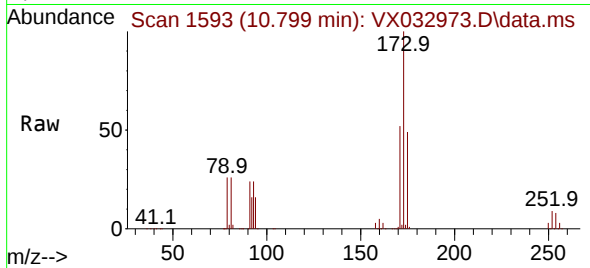
Tgt Ion:104 Resp: 768858
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.8
103 55.4 44.5 66.7





#71
Bromoform
Concen: 137.410 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

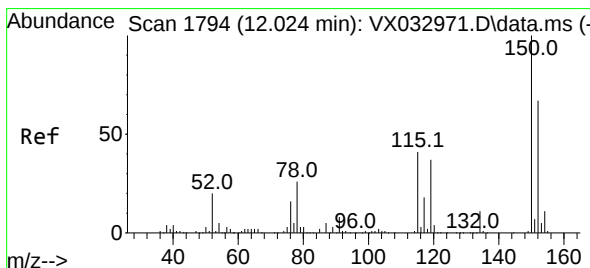
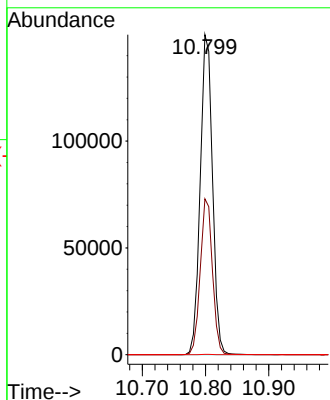
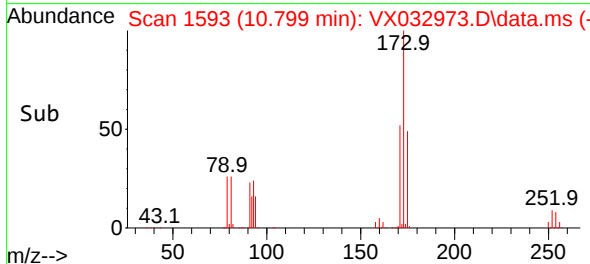
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



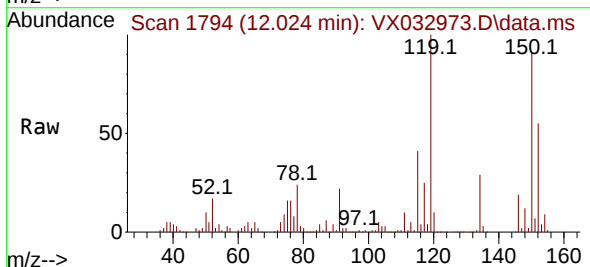
Tgt Ion:173 Resp: 202890
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

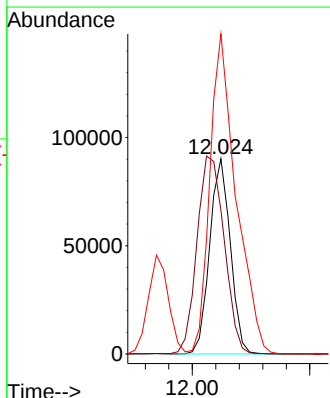
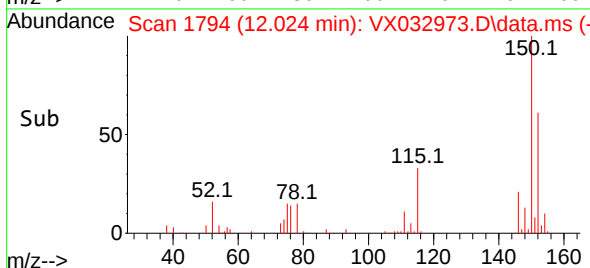
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022

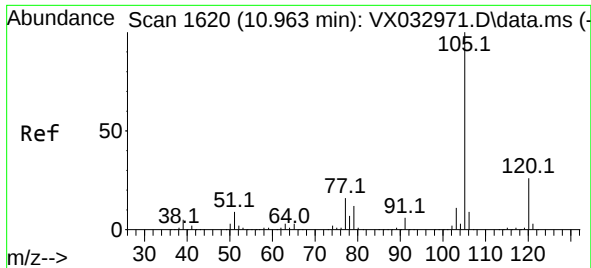


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24



Tgt Ion:152 Resp: 109975
Ion Ratio Lower Upper
152 100
115 133.6 44.0 132.0#
150 208.5 0.0 351.8





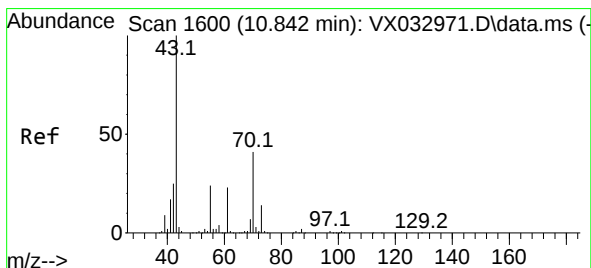
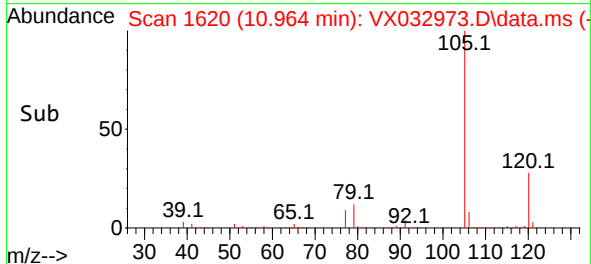
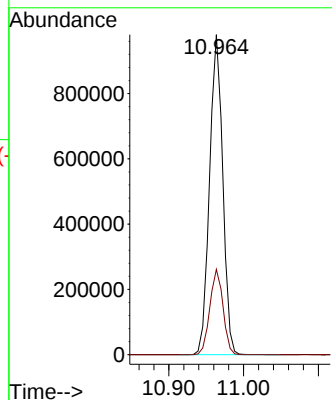
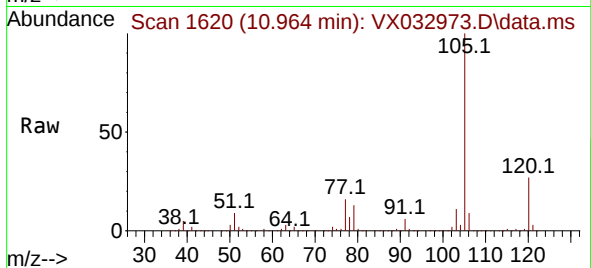
#73
Isopropylbenzene
Concen: 137.509 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1198335
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

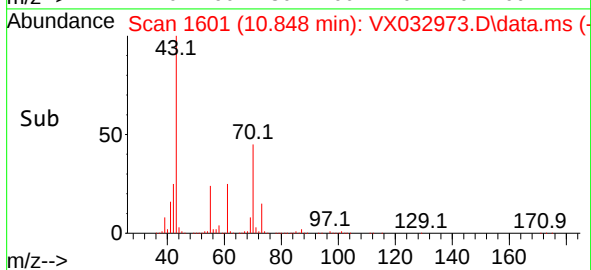
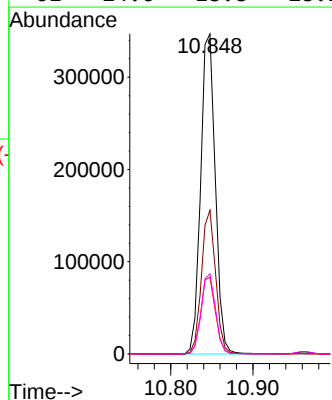
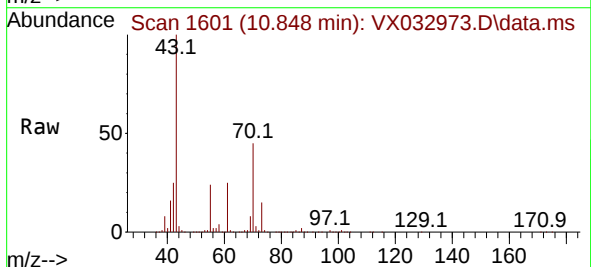
Manual Integrations
APPROVED

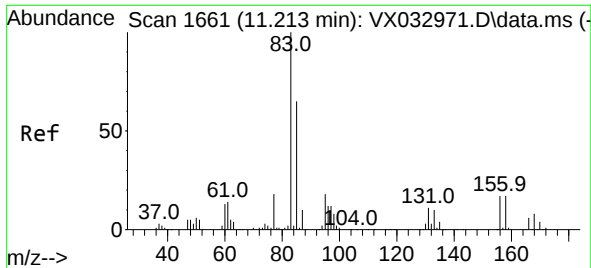
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 130.403 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 43 Resp: 429383
Ion Ratio Lower Upper
43 100
70 43.6 33.6 50.4
55 24.1 19.4 29.2
61 24.6 18.8 28.2





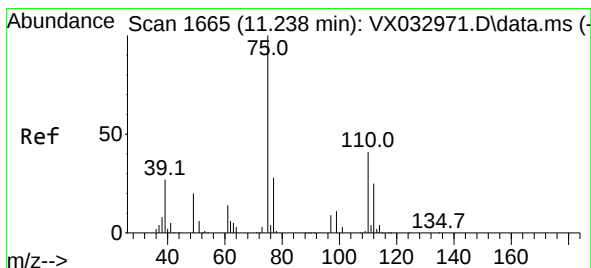
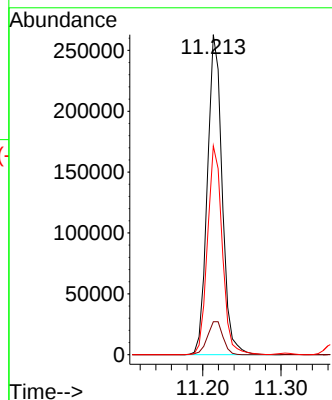
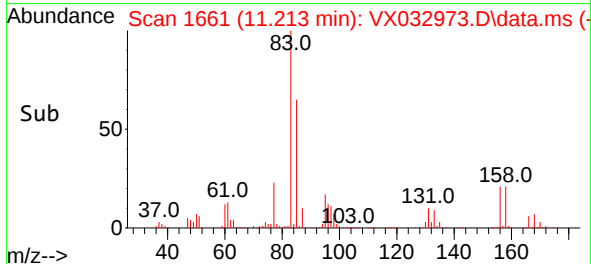
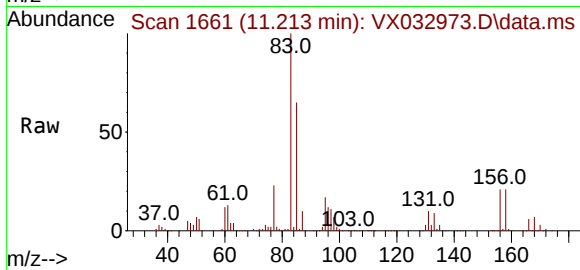
#75
1,1,2,2-Tetrachloroethane
Concen: 122.461 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 34255
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 65.2 31.9 95.9

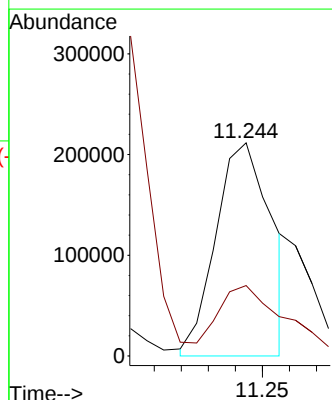
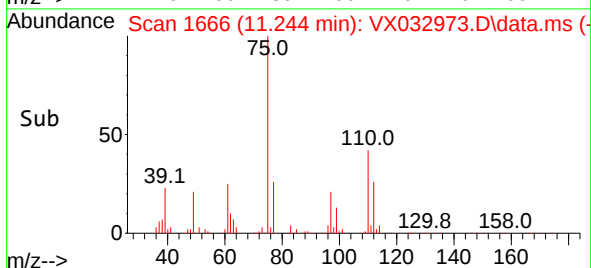
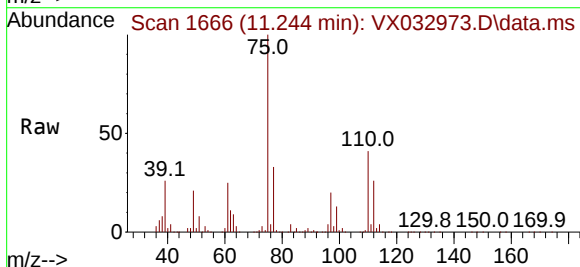
Manual Integrations
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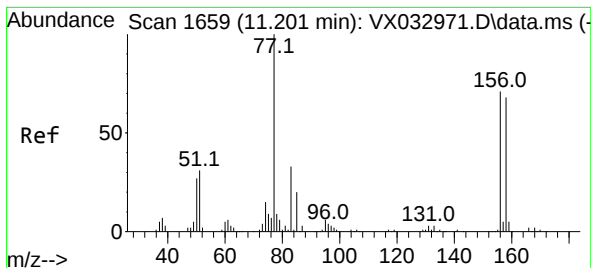
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#76
1,2,3-Trichloropropane
Concen: 123.298 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 75 Resp: 301669
Ion Ratio Lower Upper
75 100
77 40.0 20.0 60.0





#77

Bromobenzene

Concen: 134.749 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:156 Resp: 28788

Ion Ratio Lower Upper

156 100

77 154.6 76.1 228.4

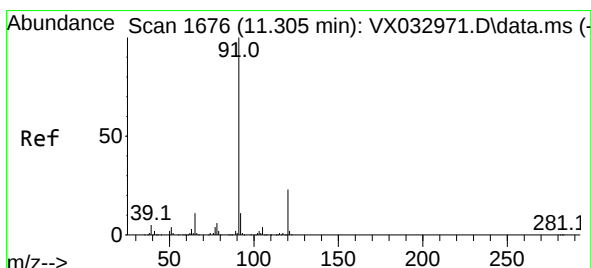
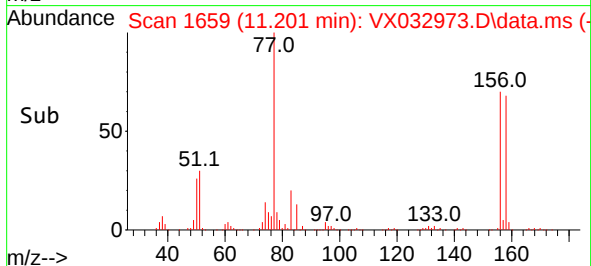
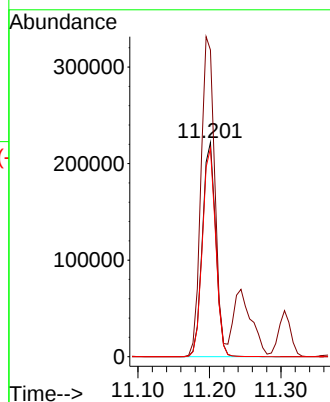
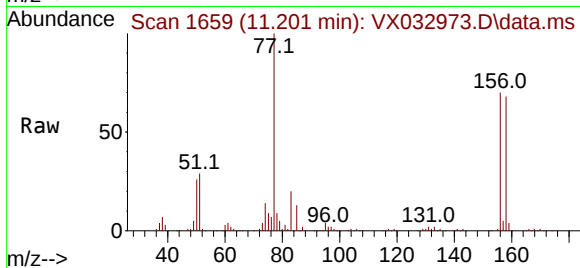
158 97.0 48.8 146.3

Manual Integrations

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Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#78

n-propylbenzene

Concen: 137.907 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032973.D

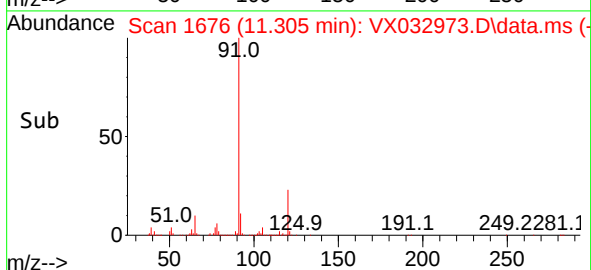
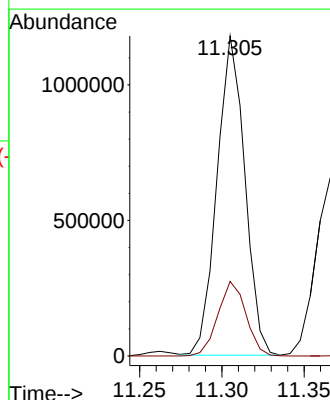
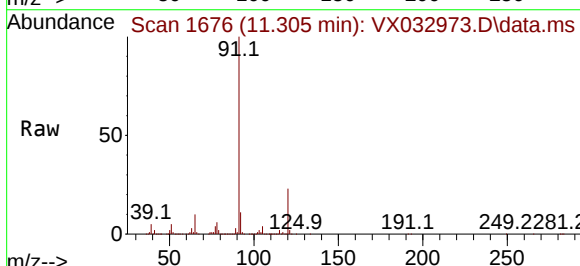
Acq: 22 Nov 2022 11:24

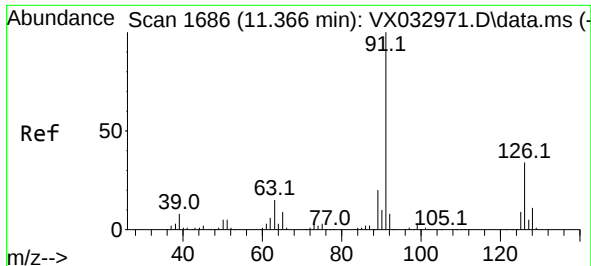
Tgt Ion: 91 Resp: 1384647

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8





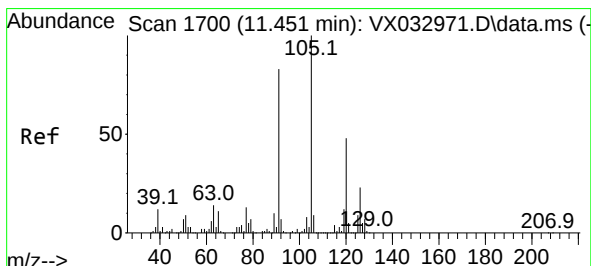
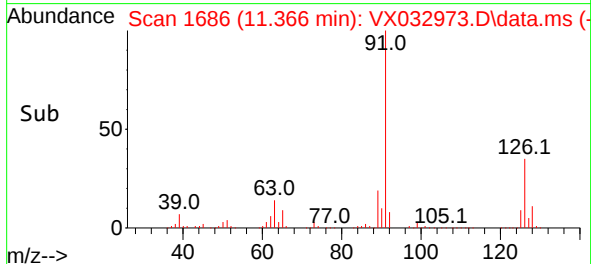
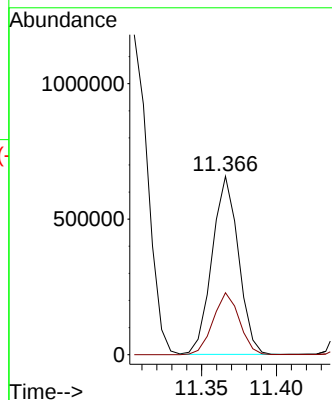
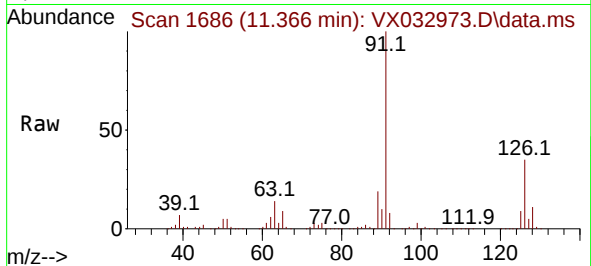
#79
2-Chlorotoluene
Concen: 134.064 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 806125
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

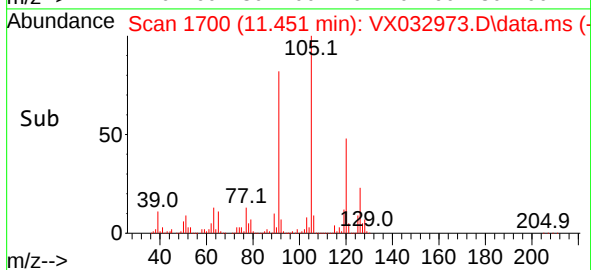
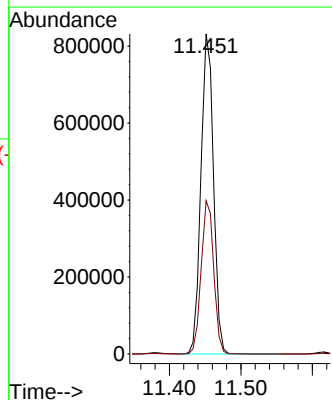
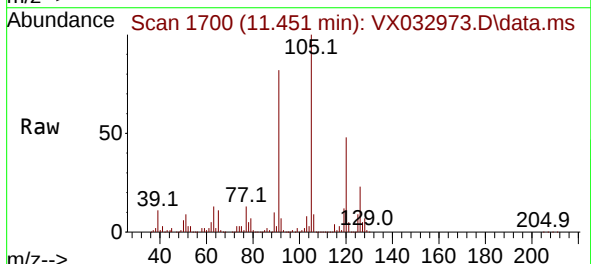
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 135.892 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

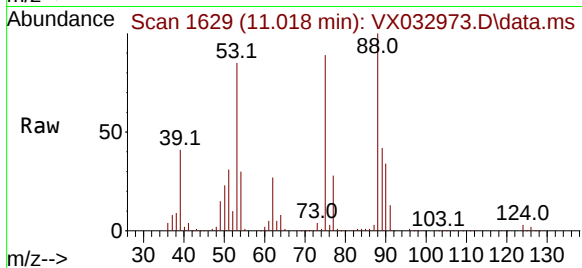
Tgt Ion:105 Resp: 1012133
Ion Ratio Lower Upper
105 100
120 47.9 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 147.612 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

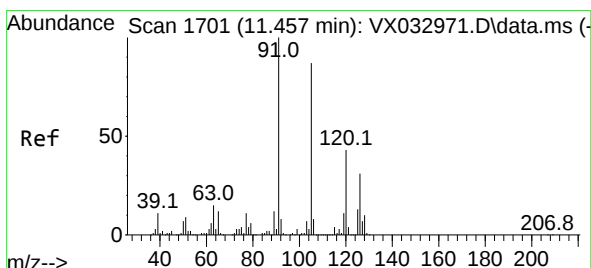
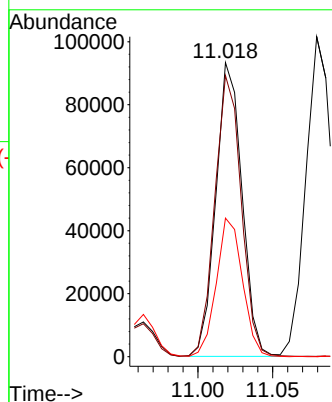
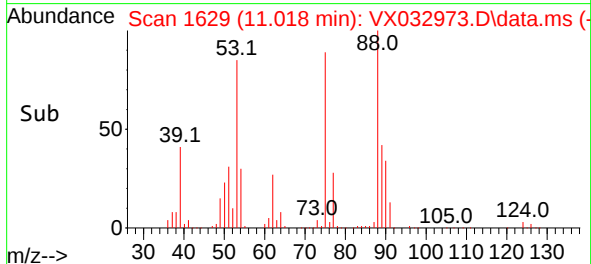
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 113500
Ion Ratio Lower Upper
75 100
53 96.8 86.9 130.3
89 47.3 38.3 57.5

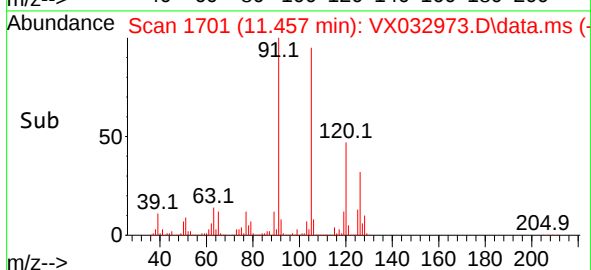
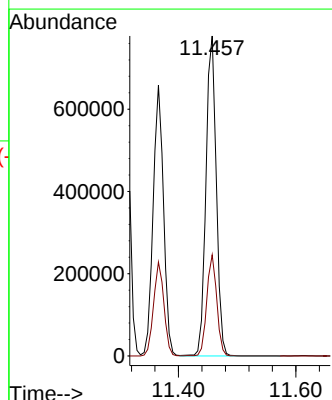
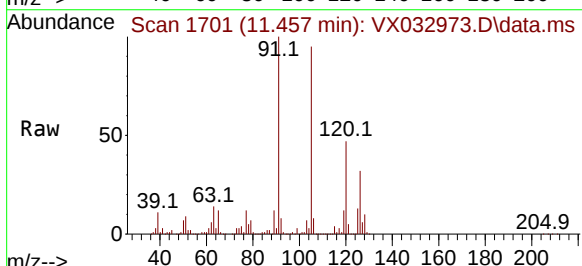
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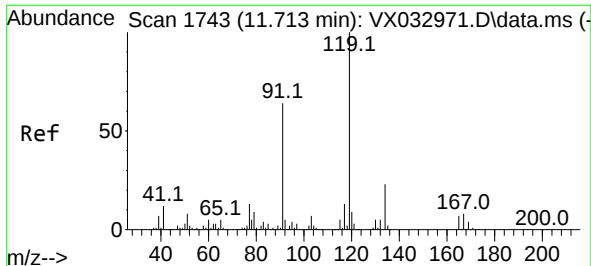
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 134.997 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 91 Resp: 949842
Ion Ratio Lower Upper
91 100
126 30.6 14.8 44.4





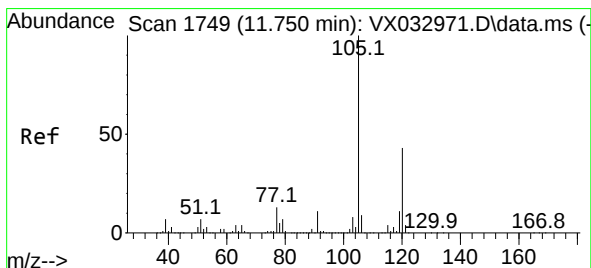
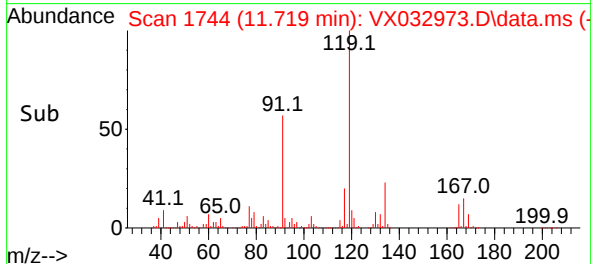
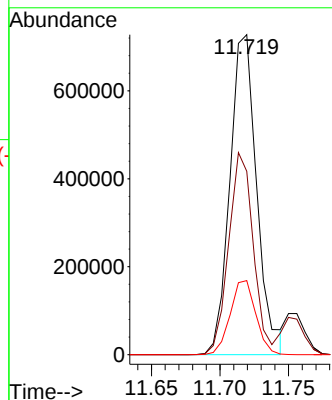
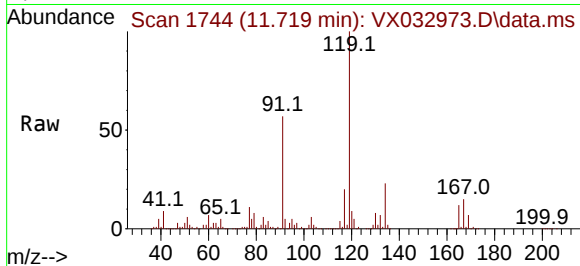
#83
tert-Butylbenzene
Concen: 133.701 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 994189
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 22.1 11.0 33.0

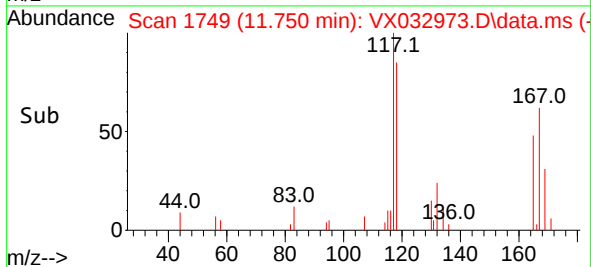
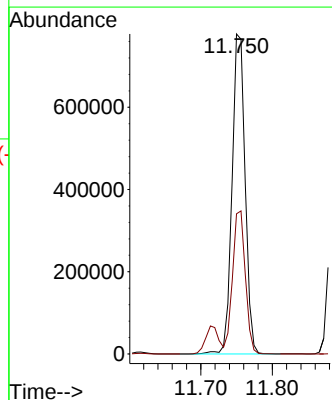
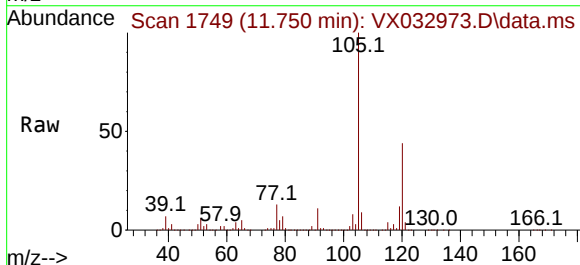
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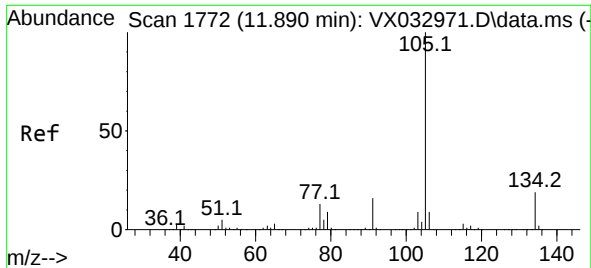
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 132.910 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

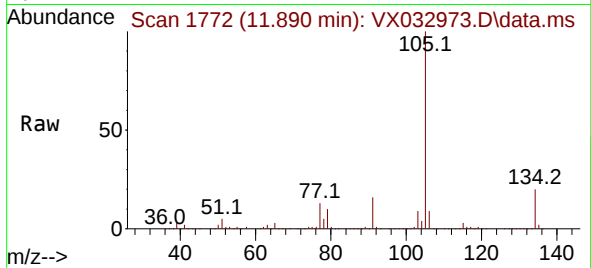
Tgt Ion:105 Resp: 984577
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 133.463 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032973.D
 Acq: 22 Nov 2022 11:24

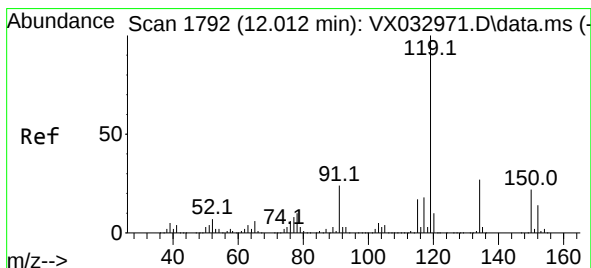
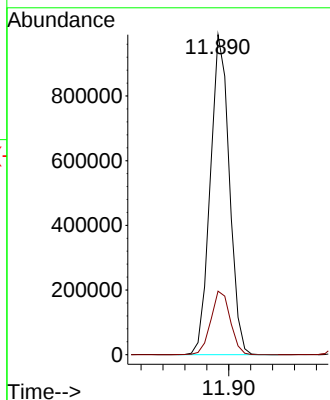
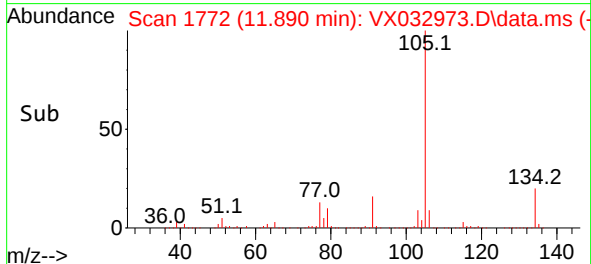
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:105 Resp: 1194139
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

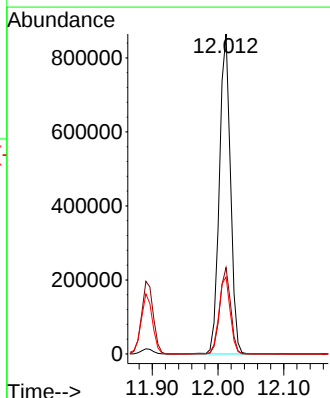
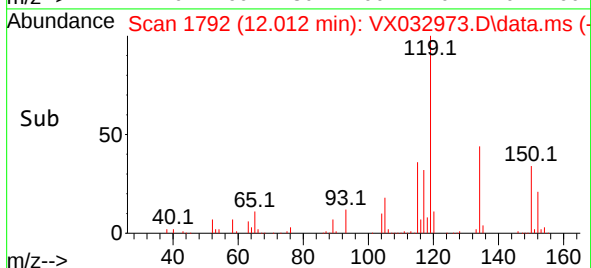
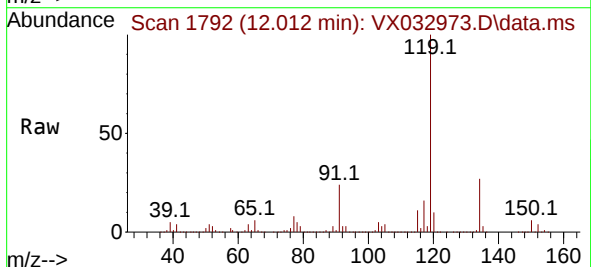
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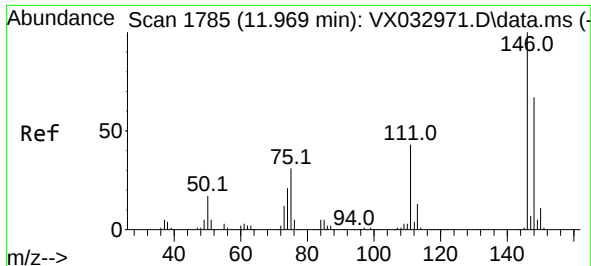
Reviewed By :John Carlone 11/23/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#86
 p-Isopropyltoluene
 Concen: 133.299 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032973.D
 Acq: 22 Nov 2022 11:24

Tgt Ion:119 Resp: 1012028
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 131.514 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 530020

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

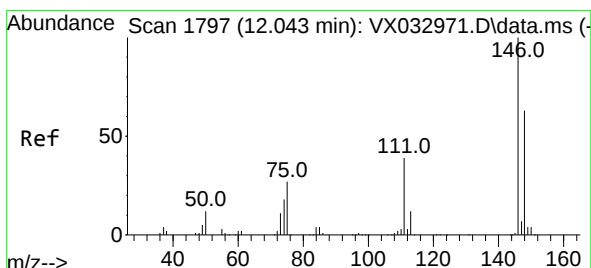
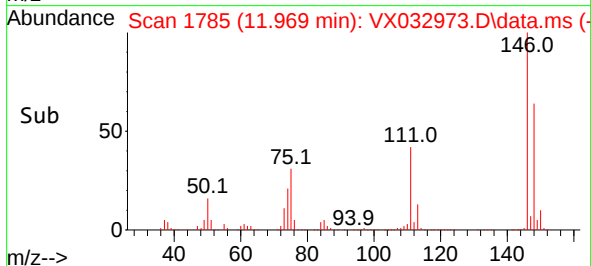
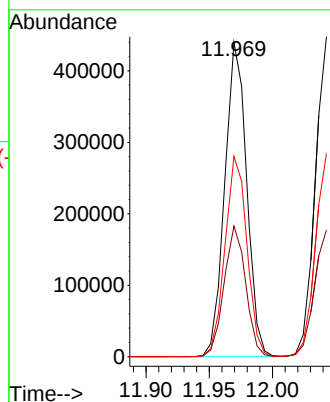
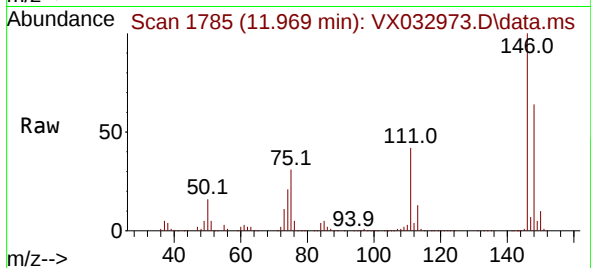
148 63.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 127.285 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

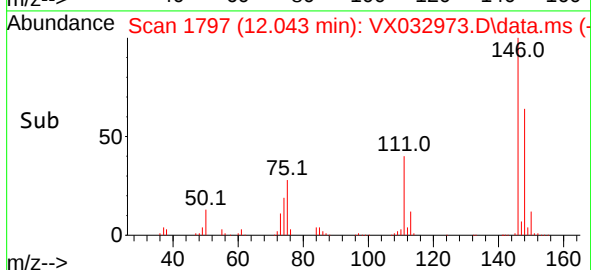
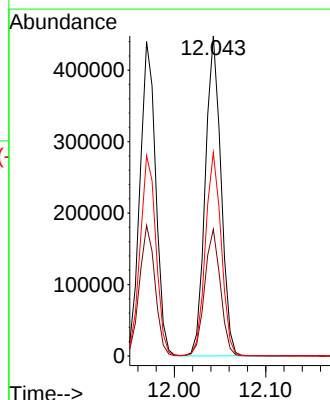
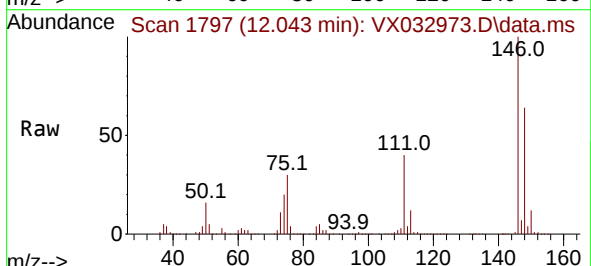
Tgt Ion:146 Resp: 532176

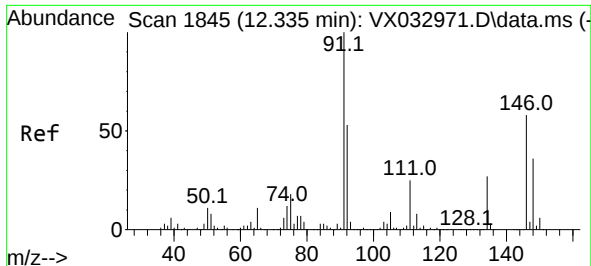
Ion Ratio Lower Upper

146 100

111 39.8 20.5 61.6

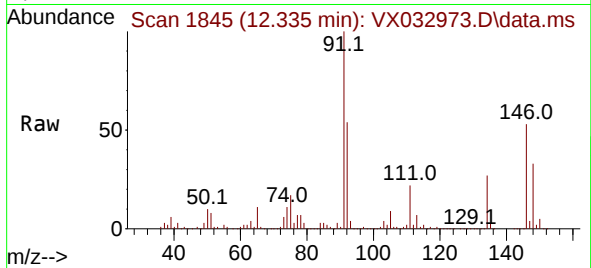
148 64.0 32.2 96.6





#89
n-Butylbenzene
Concen: 137.048 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

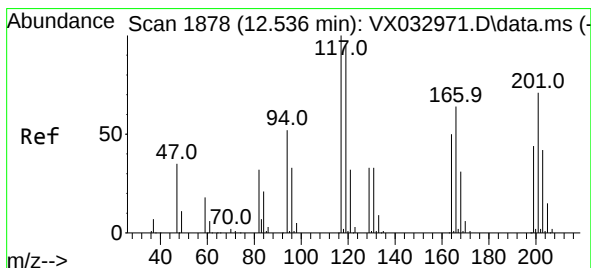
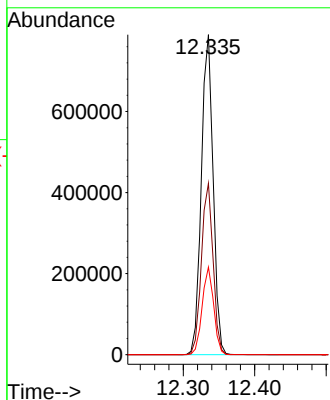
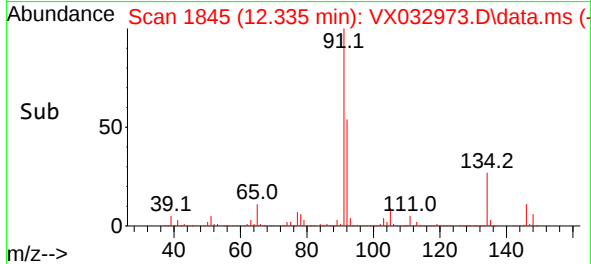
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 905200
Ion Ratio Lower Upper
91 100
92 53.1 26.2 78.6
134 26.7 12.9 38.6

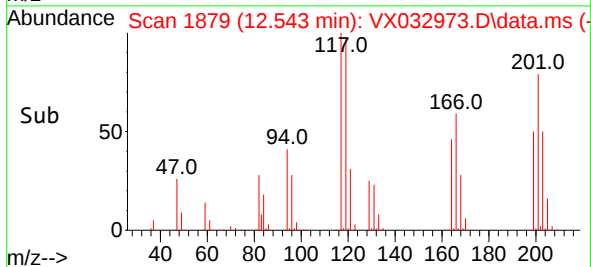
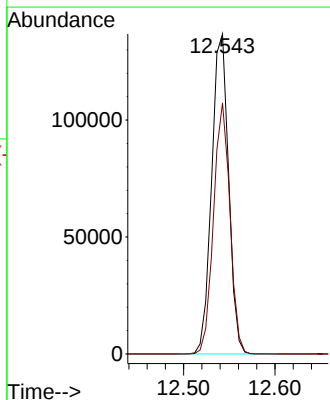
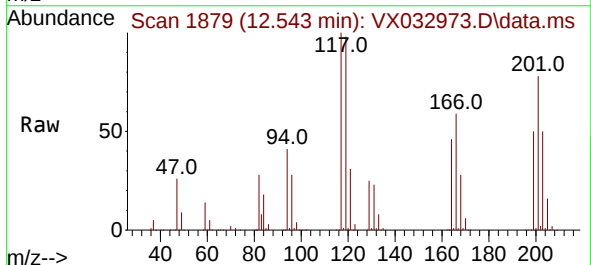
Manual Integrations
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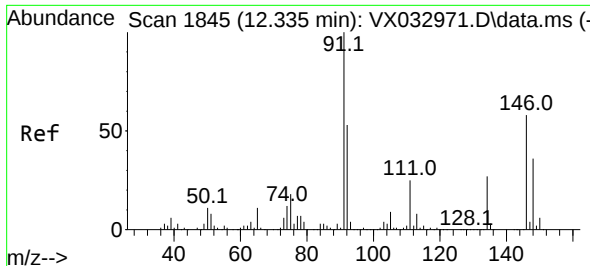
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#90
Hexachloroethane
Concen: 141.680 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

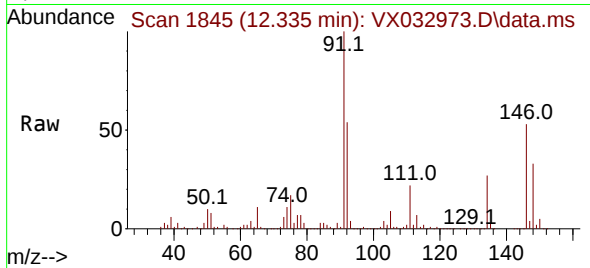
Tgt Ion:117 Resp: 175697
Ion Ratio Lower Upper
117 100
201 75.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 129.999 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

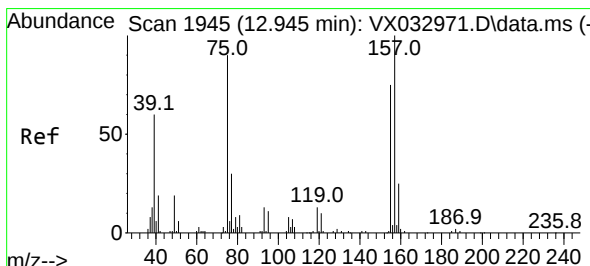
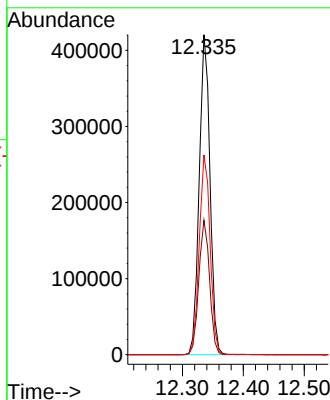
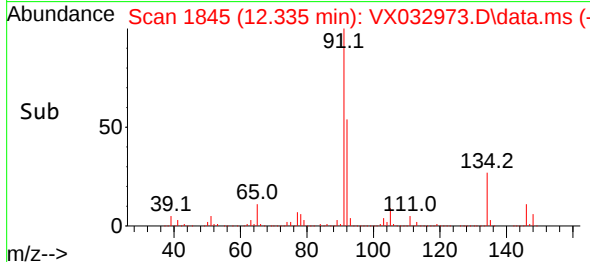
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 516590
Ion Ratio Lower Upper
146 100
111 42.0 21.5 64.5
148 63.2 32.0 96.2

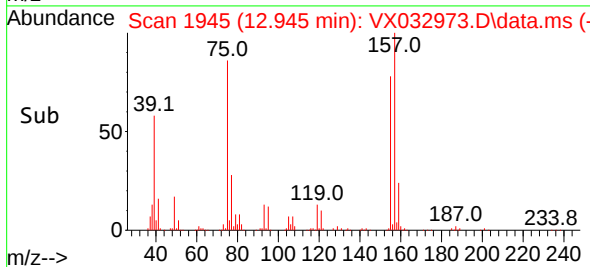
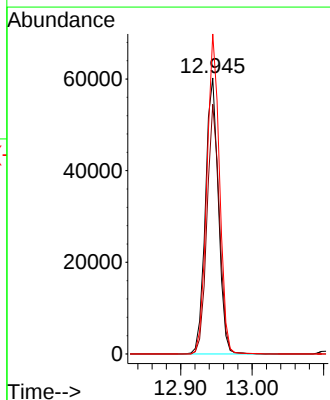
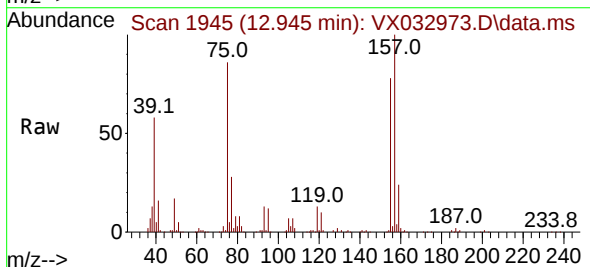
Manual Integrations
APPROVED

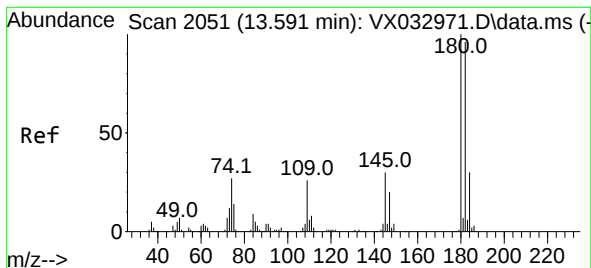
Reviewed By :John Carlone 11/23/2022
Supervised By :Mahesh Dadoda 11/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 123.807 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032973.D
Acq: 22 Nov 2022 11:24

Tgt Ion: 75 Resp: 75933
Ion Ratio Lower Upper
75 100
155 86.6 41.6 124.8
157 112.9 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 130.246 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

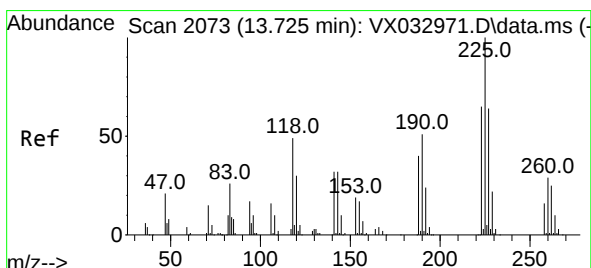
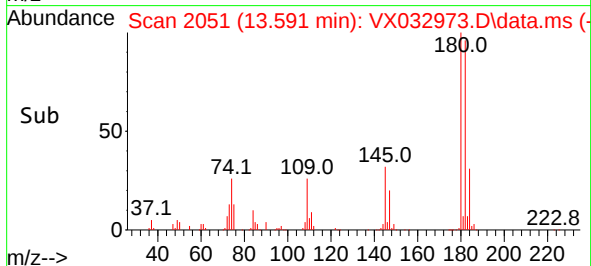
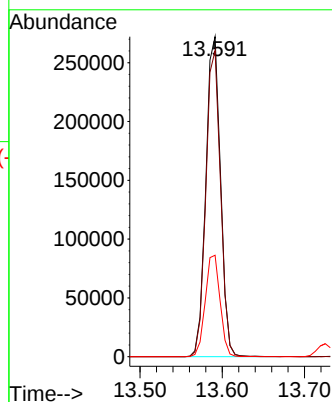
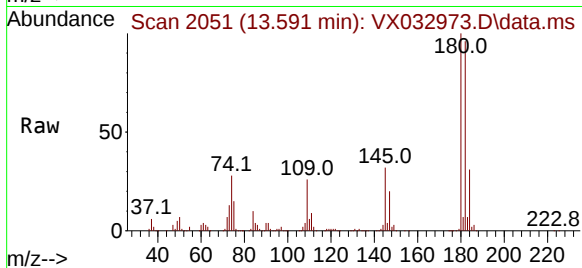
Tgt Ion:180	Resp:	337474
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.4 145.0
145	32.1	16.2 48.5

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 127.243 ug/l

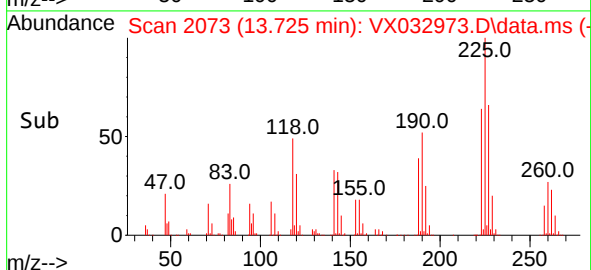
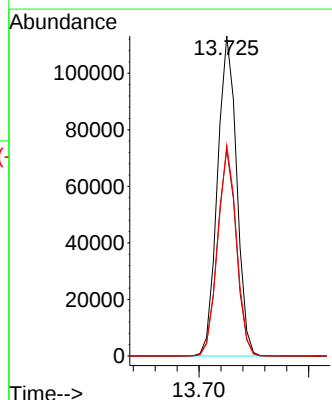
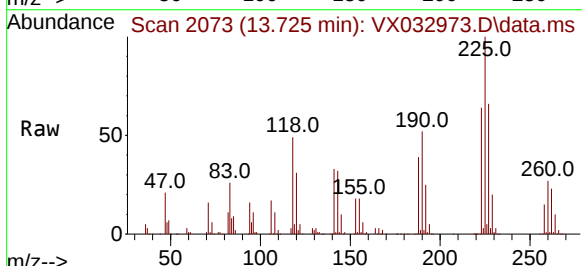
RT: 13.725 min Scan# 2073

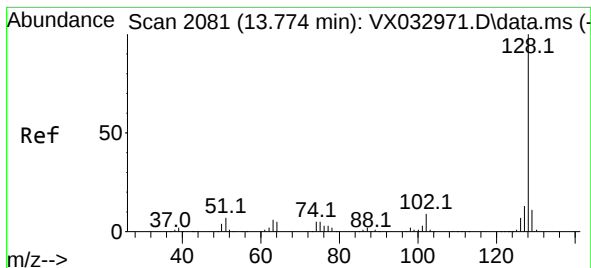
Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion:225	Resp:	137694
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.9 95.9
227	63.9	31.9 95.5





#95

Naphthalene

Concen: 127.469 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:128 Resp: 1100518

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

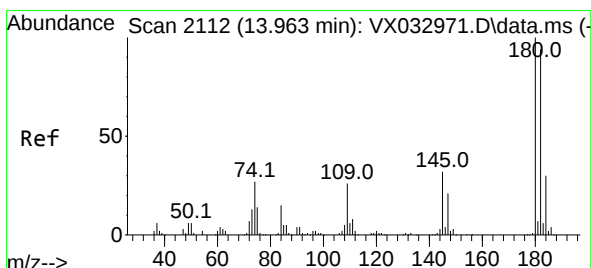
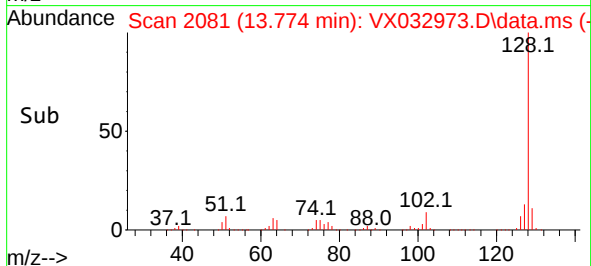
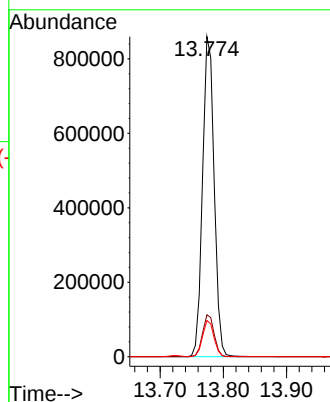
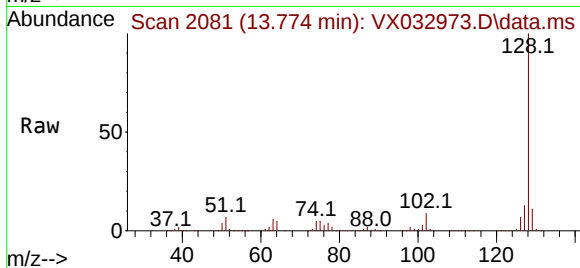
129 11.1 8.9 13.3

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 128.400 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX032973.D

Acq: 22 Nov 2022 11:24

Tgt Ion:180 Resp: 338189

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 33.4 16.9 50.6

