

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032859.D
 Acq On : 16 Nov 2022 11:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 05:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	101960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74377	52.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.000%			
35) Dibromofluoromethane	5.385	113	62592	55.391	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.780%			
50) Toluene-d8	8.647	98	206149	52.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.940%			
62) 4-Bromofluorobenzene	11.079	95	86531	56.377	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	55040	46.804	ug/l	94
3) Chloromethane	1.295	50	43701	43.943	ug/l	99
4) Vinyl Chloride	1.374	62	51146	46.730	ug/l	98
5) Bromomethane	1.618	94	47220	53.986	ug/l	98
6) Chloroethane	1.691	64	48451	65.986	ug/l	96
7) Trichlorofluoromethane	1.886	101	105795	51.014	ug/l	100
8) Diethyl Ether	2.130	74	34207	50.899	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59936	54.757	ug/l	100
10) Methyl Iodide	2.453	142	60430	49.649	ug/l	100
11) Tert butyl alcohol	2.989	59	46891m	227.405	ug/l	
12) 1,1-Dichloroethene	2.319	96	51959	50.815	ug/l	95
13) Acrolein	2.240	56	59267	287.912	ug/l	100
14) Allyl chloride	2.666	41	86237	52.907	ug/l	99
15) Acrylonitrile	3.063	53	135630	242.364	ug/l	100
16) Acetone	2.386	43	154336	299.735	ug/l	99
17) Carbon Disulfide	2.514	76	101412	41.639	ug/l	99
18) Methyl Acetate	2.703	43	90511	54.055	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	200876	55.894	ug/l	99
20) Methylene Chloride	2.788	84	60971	51.645	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	56699	50.942	ug/l	98
22) Diisopropyl ether	3.758	45	205833	58.382	ug/l	96
23) Vinyl Acetate	3.721	43	754993	265.056	ug/l	100
24) 1,1-Dichloroethane	3.611	63	112394	55.423	ug/l	99
25) 2-Butanone	4.556	43	202453	253.784	ug/l	98
26) 2,2-Dichloropropane	4.471	77	93537	58.024	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	73312	56.985	ug/l	99
28) Bromochloromethane	4.891	49	35210	48.744	ug/l	98
29) Tetrahydrofuran	5.007	42	118735	233.414	ug/l	99
30) Chloroform	5.093	83	130567	58.676	ug/l	100
31) Cyclohexane	5.465	56	87444	50.907	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	116872	58.528	ug/l	99
36) 1,1-Dichloropropene	5.690	75	84830	53.909	ug/l	99
37) Ethyl Acetate	4.709	43	77977	47.607	ug/l	98
38) Carbon Tetrachloride	5.672	117	98674	56.537	ug/l	99
39) Methylcyclohexane	7.379	83	96116	51.626	ug/l	98
40) Benzene	6.038	78	245963	55.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	45386	54.393	ug/l	98
42) 1,2-Dichloroethane	6.086	62	104288	57.293	ug/l	99
43) Isopropyl Acetate	6.336	43	132289	52.602	ug/l	100
44) Trichloroethene	7.123	130	69830	55.706	ug/l	97
45) 1,2-Dichloropropane	7.428	63	65871	57.626	ug/l	99
46) Dibromomethane	7.580	93	48003	54.758	ug/l	98
47) Bromodichloromethane	7.818	83	99306	59.770	ug/l	99
48) Methyl methacrylate	7.690	41	68440	52.692	ug/l	99
49) 1,4-Dioxane	7.696	88	21682	875.935	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	411425	259.724	ug/l	99
52) Toluene	8.720	92	165190	56.859	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	101751	60.023	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108497	59.839	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	71152	58.153	ug/l	100
56) Ethyl methacrylate	9.116	69	100169	56.891	ug/l	99
57) 1,3-Dichloropropane	9.305	76	114392	57.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	251696	296.879	ug/l	100
59) 2-Hexanone	9.427	43	312473	265.842	ug/l	99
60) Dibromochloromethane	9.519	129	80445	60.196	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74284	57.300	ug/l	99
64) Tetrachloroethene	9.275	164	59410	56.295	ug/l	98
65) Chlorobenzene	10.080	112	186587	57.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73375	60.362	ug/l	99
67) Ethyl Benzene	10.195	91	336441	58.251	ug/l	99
68) m/p-Xylenes	10.299	106	259252	115.596	ug/l	100
69) o-Xylene	10.640	106	128381	58.875	ug/l	100
70) Styrene	10.653	104	218283	60.234	ug/l	99
71) Bromoform	10.799	173	56280	58.558	ug/l #	99
73) Isopropylbenzene	10.964	105	351940	55.716	ug/l	100
74) N-amyl acetate	10.842	43	124504	52.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	104776	51.676	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	83224m	46.928	ug/l	
77) Bromobenzene	11.195	156	86232	55.684	ug/l	100
78) n-propylbenzene	11.305	91	407619	56.009	ug/l	100
79) 2-Chlorotoluene	11.366	91	243876	55.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	304677	56.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28342	50.853	ug/l	98
82) 4-Chlorotoluene	11.451	91	286202	56.118	ug/l	99
83) tert-Butylbenzene	11.713	119	302837	56.187	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	297245	55.358	ug/l	100
85) sec-Butylbenzene	11.890	105	369332	56.948	ug/l	100
86) p-Isopropyltoluene	12.012	119	317597	57.713	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	164129	56.186	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	168132	55.480	ug/l	98
89) n-Butylbenzene	12.335	91	275168	57.476	ug/l	100
90) Hexachloroethane	12.536	117	50519	56.203	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	163194	56.657	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21039	47.326	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	101837	54.224	ug/l	99
94) Hexachlorobutadiene	13.725	225	45021	57.398	ug/l	99
95) Naphthalene	13.774	128	320209	51.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102251	53.559	ug/l	99

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VSTDCCC050

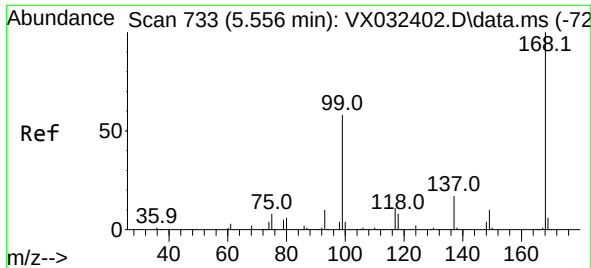
Manual Integrations
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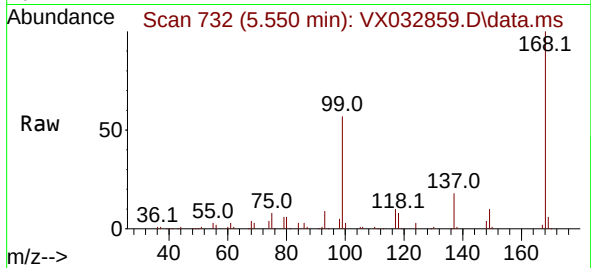
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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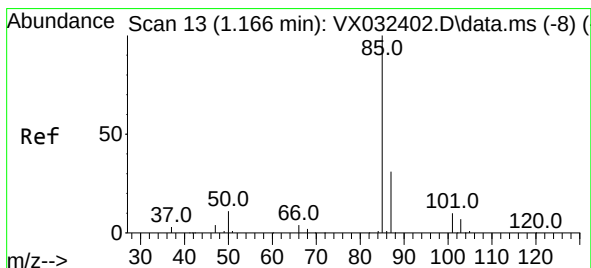
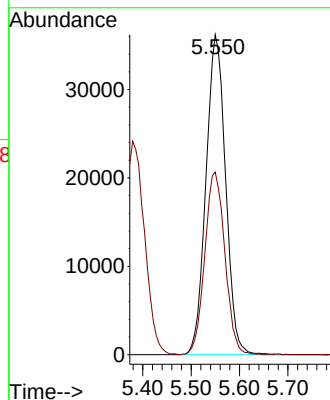
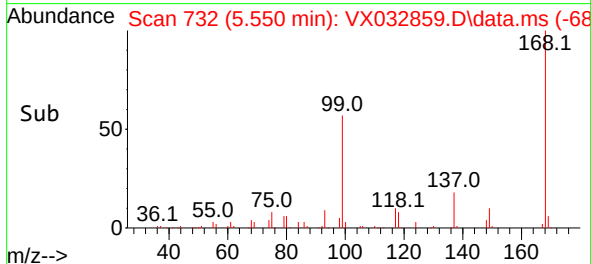
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



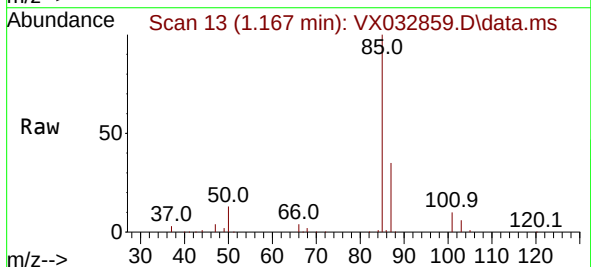
Tgt Ion:168 Resp: 101960
Ion Ratio Lower Upper
168 100
99 57.1 46.1 69.1

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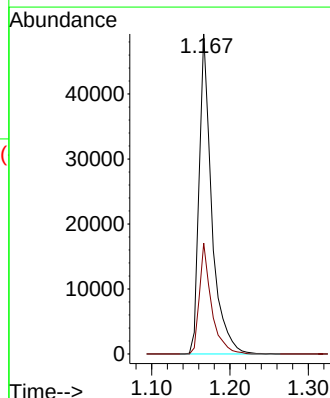
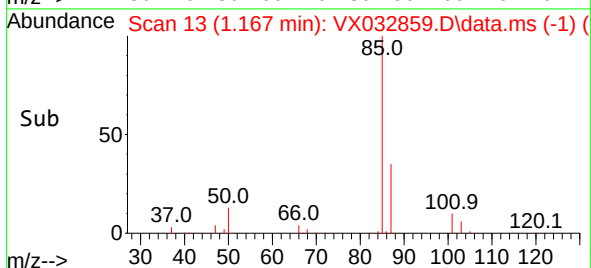
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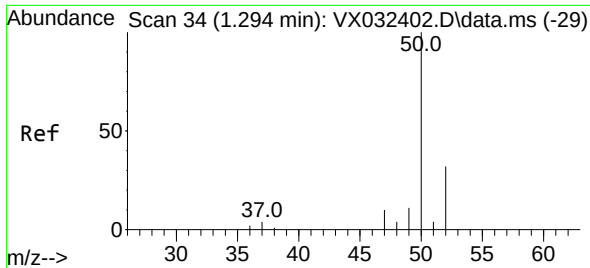


#2
Dichlorodifluoromethane
Concen: 46.804 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion: 85 Resp: 55040
Ion Ratio Lower Upper
85 100
87 34.7 15.6 46.7





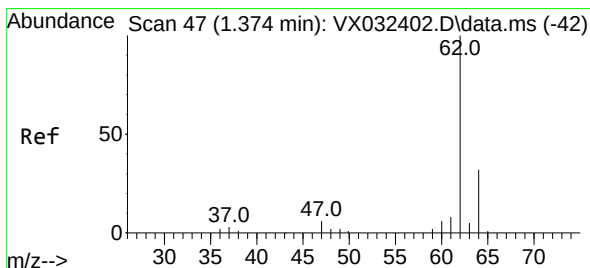
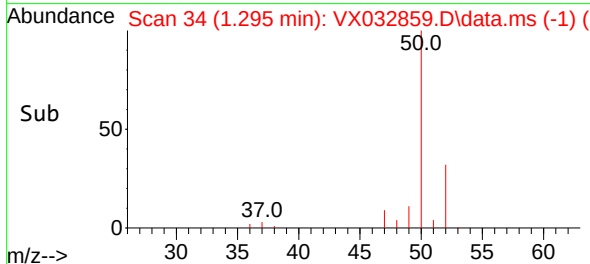
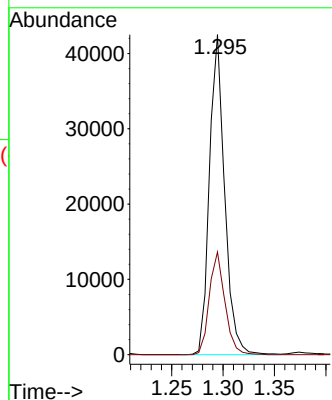
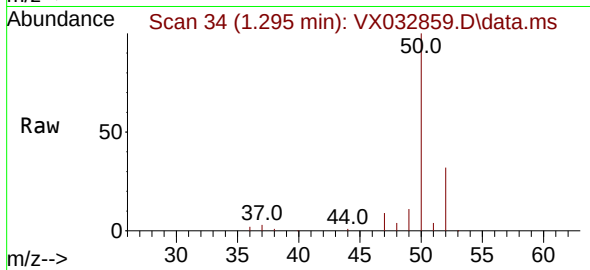
#3
Chloromethane
Concen: 43.943 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 4370
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

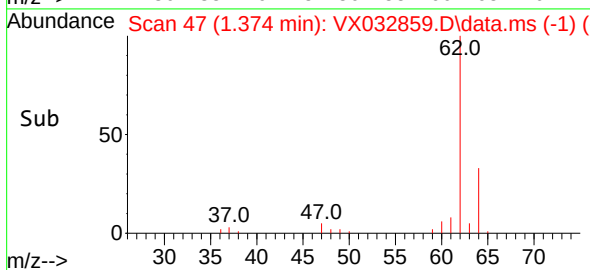
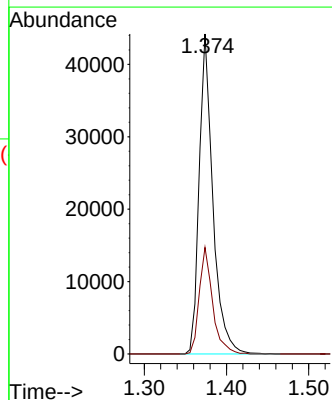
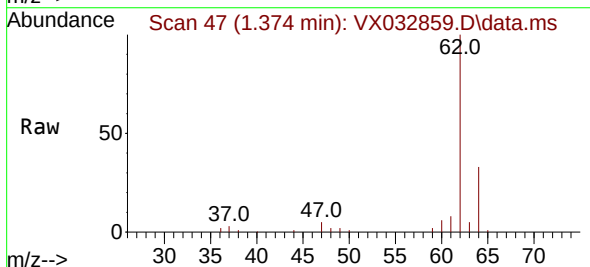
Manual Integrations
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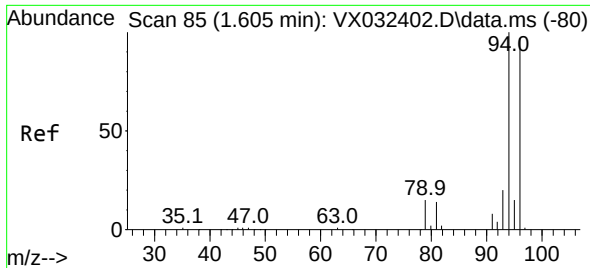
Reviewed By :John Carlone 11/17/2022
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#4
Vinyl Chloride
Concen: 46.730 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 62 Resp: 51146
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





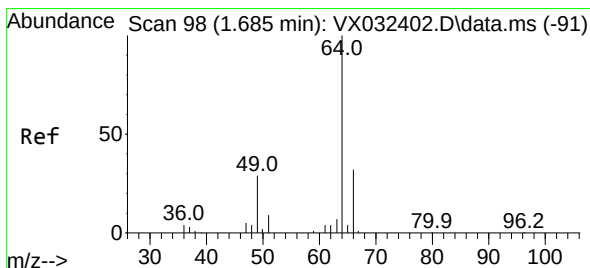
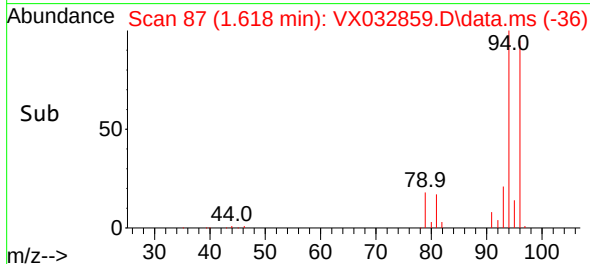
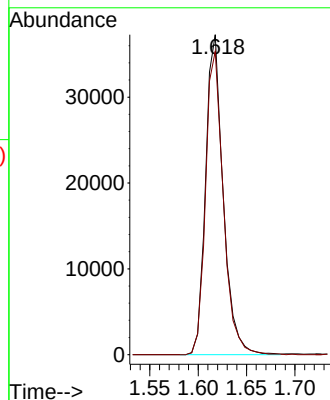
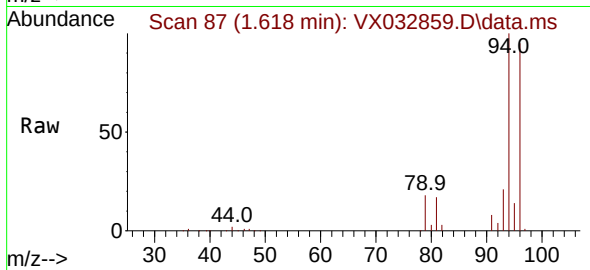
#5
Bromomethane
Concen: 53.986 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 47220
Ion Ratio Lower Upper
94 100
96 94.8 77.6 116.4

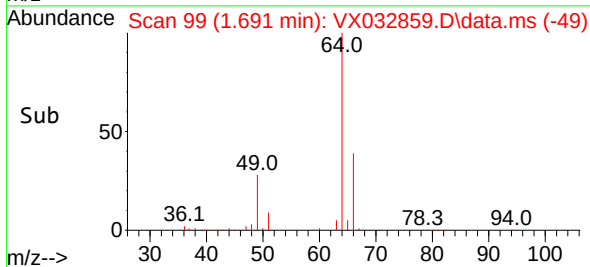
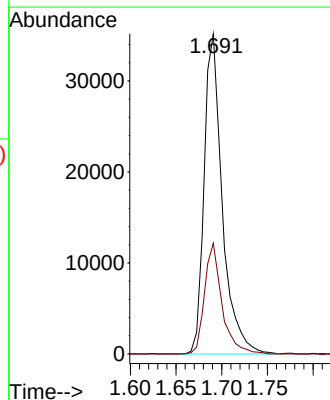
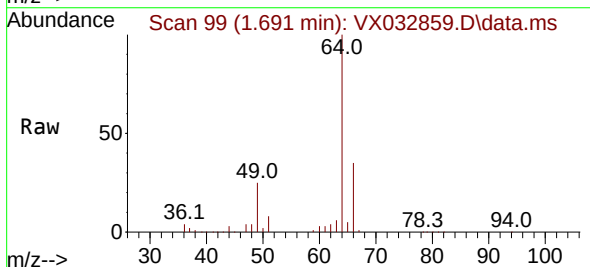
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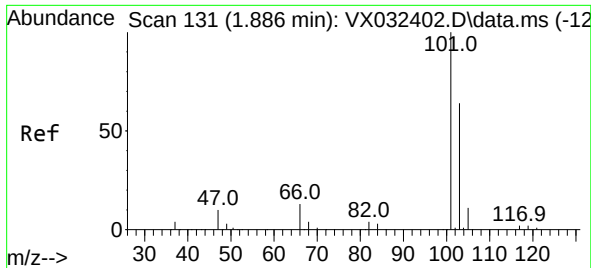
Reviewed By :John Carlone 11/17/2022
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#6
Chloroethane
Concen: 65.986 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

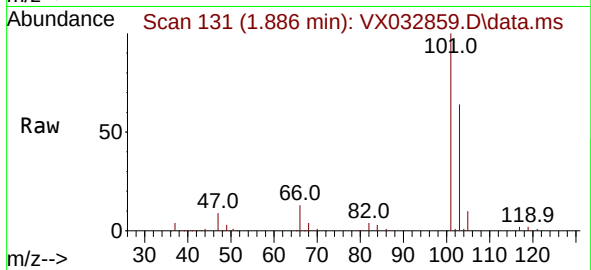
Tgt Ion: 64 Resp: 48451
Ion Ratio Lower Upper
64 100
66 34.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 51.014 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032859.D
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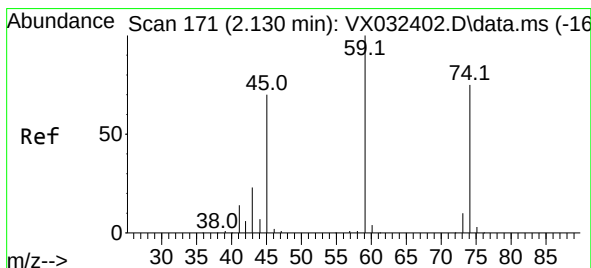
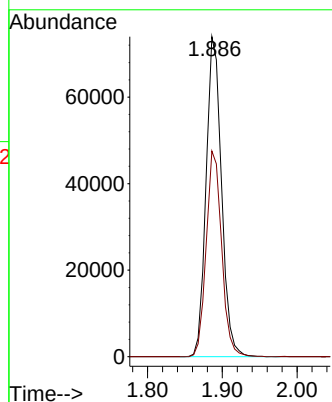
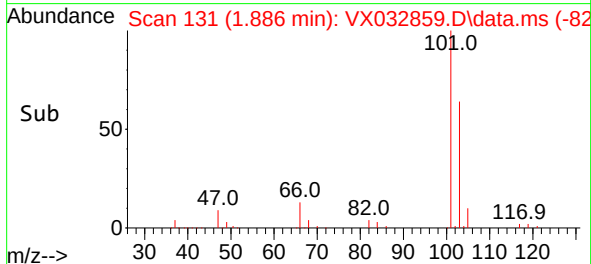
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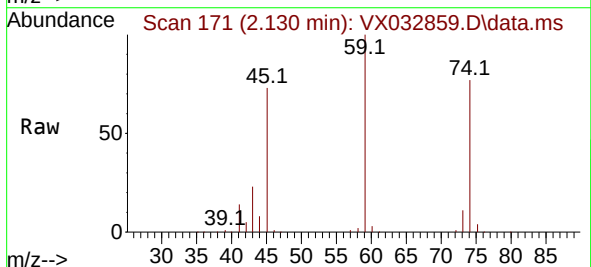
Tgt Ion:101 Resp: 10579
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

Manual Integrations
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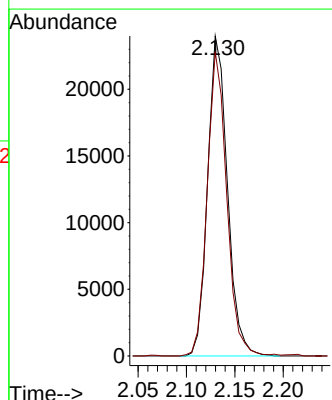
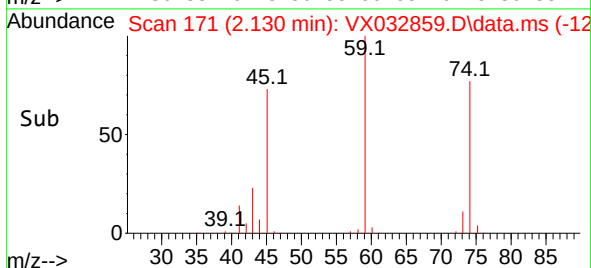
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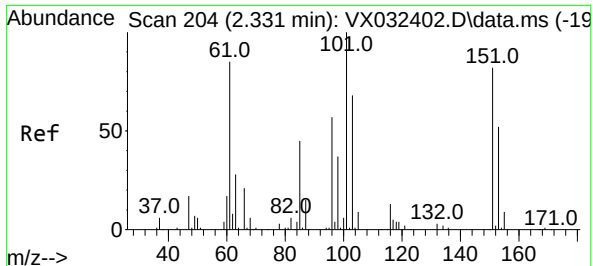


#8
Diethyl Ether
Concen: 50.899 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032859.D
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Tgt Ion: 74 Resp: 34207
Ion Ratio Lower Upper
74 100
45 93.9 46.6 139.7





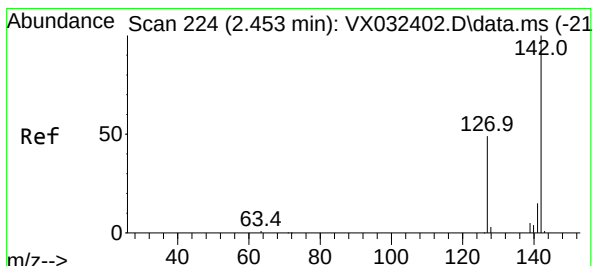
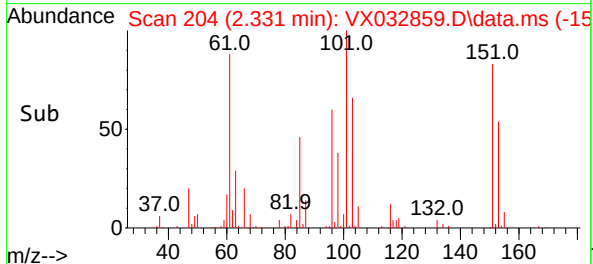
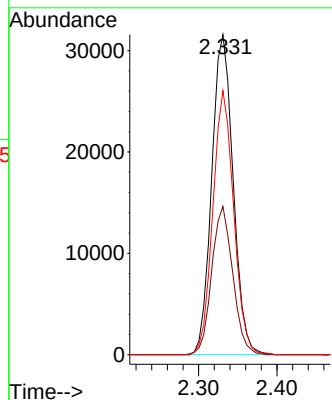
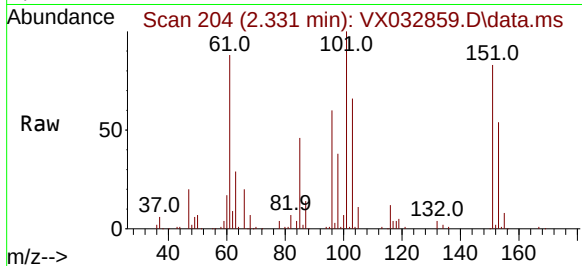
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.757 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
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Tgt Ion:101 Resp: 59930
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 80.6 64.4 96.6

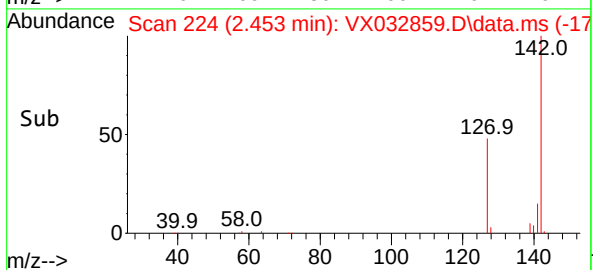
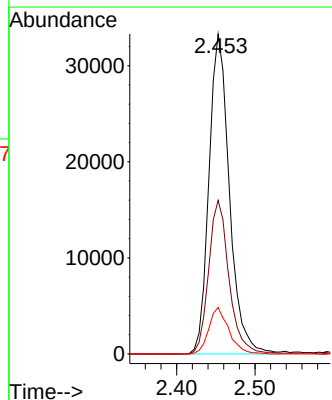
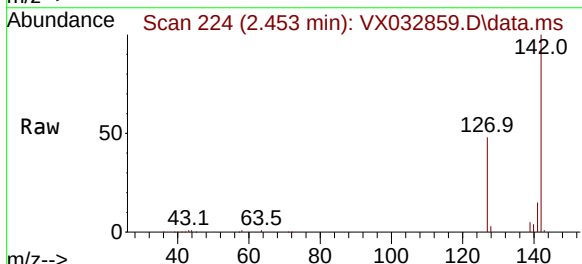
Manual Integrations
APPROVED

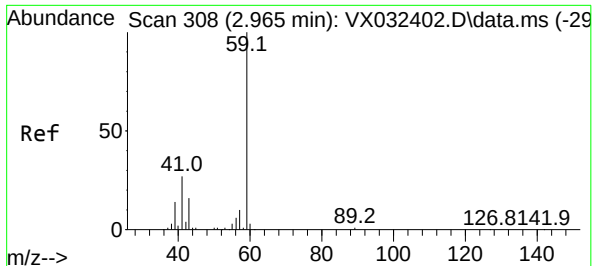
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 49.649 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:142 Resp: 60430
Ion Ratio Lower Upper
142 100
127 47.9 38.6 57.8
141 14.3 11.4 17.2





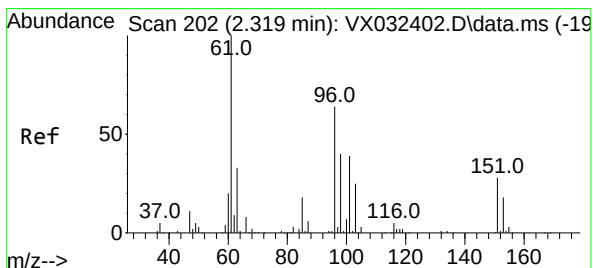
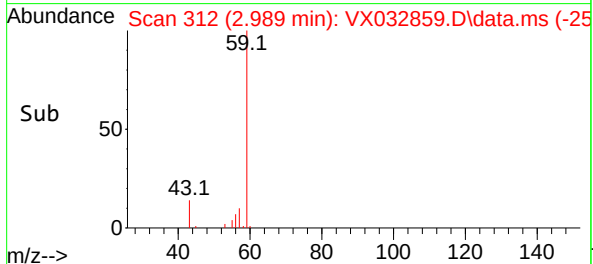
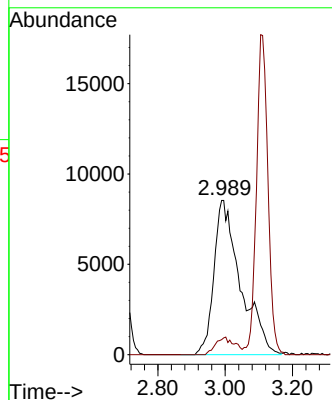
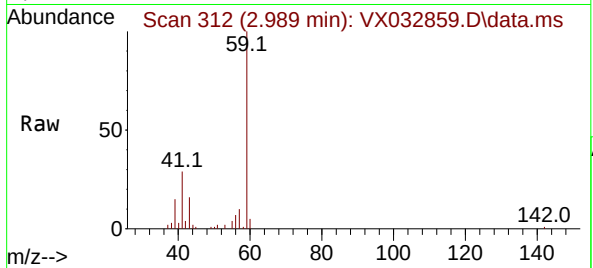
#11
Tert butyl alcohol
Concen: 227.405 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.025 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 4689
Ion Ratio Lower Upper
59 100
57 8.2 8.2 12.4

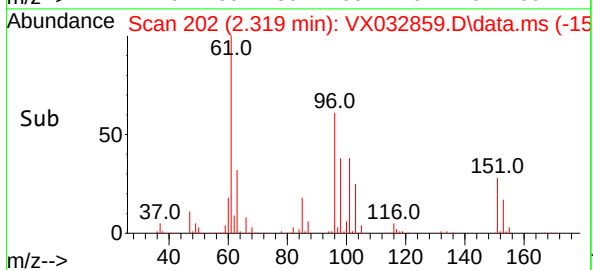
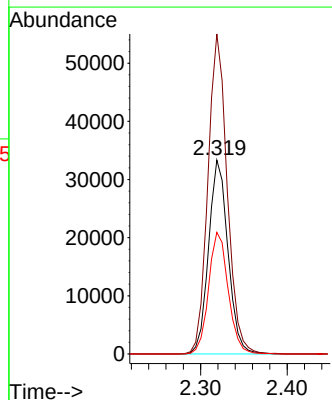
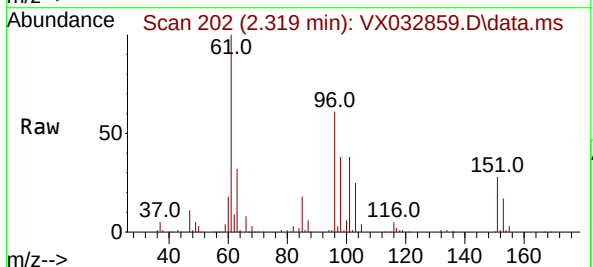
Manual Integrations
APPROVED

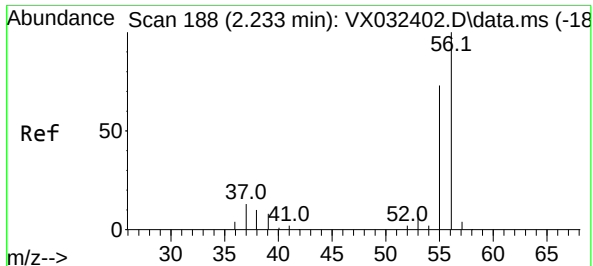
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#12
1,1-Dichloroethene
Concen: 50.815 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 96 Resp: 51959
Ion Ratio Lower Upper
96 100
61 165.0 125.1 187.7
98 62.7 50.6 76.0





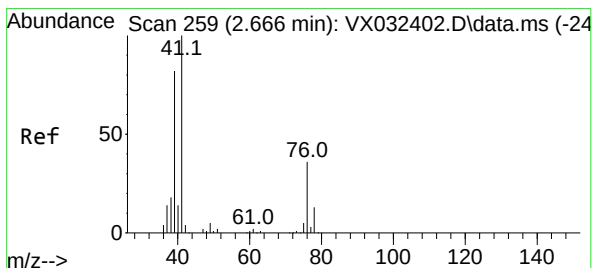
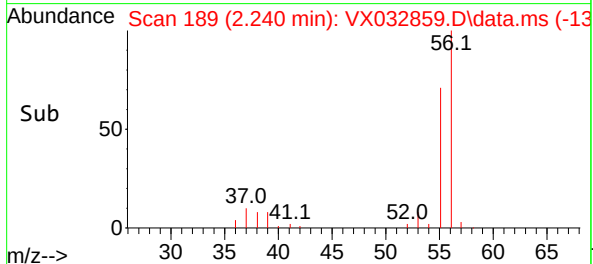
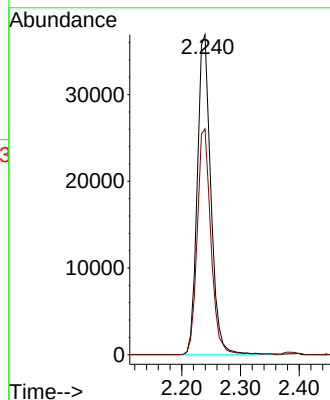
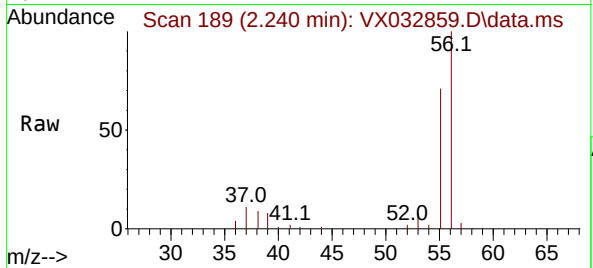
#13
Acrolein
Concen: 287.912 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 5926
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

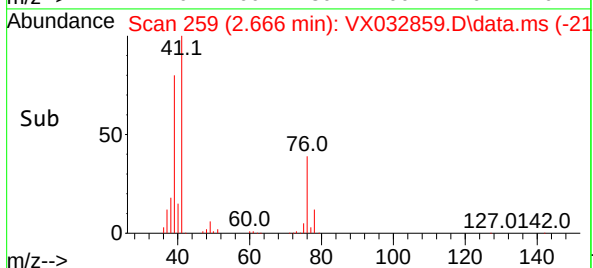
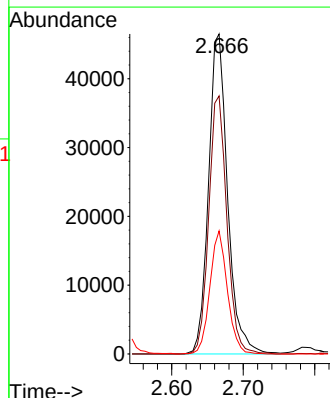
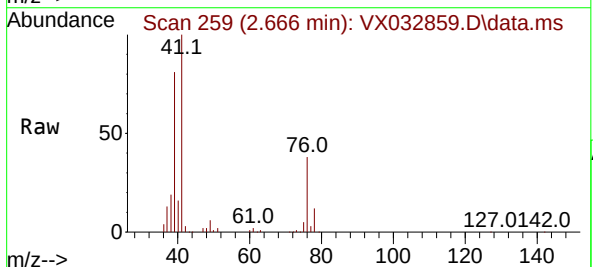
Manual Integrations
APPROVED

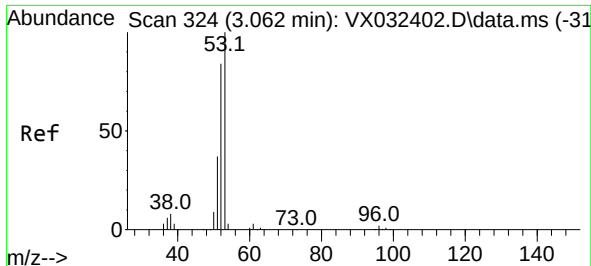
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#14
Allyl chloride
Concen: 52.907 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

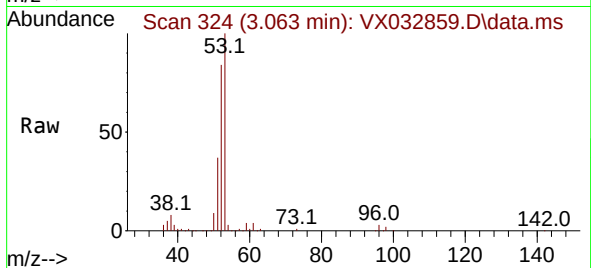
Tgt Ion: 41 Resp: 86237
Ion Ratio Lower Upper
41 100
39 76.6 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 242.364 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

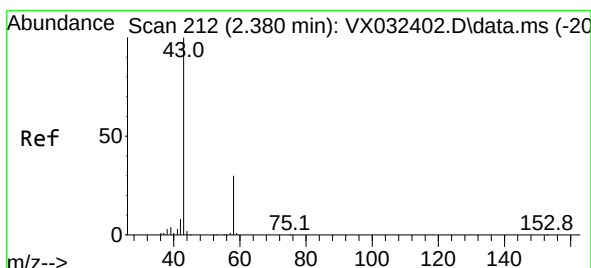
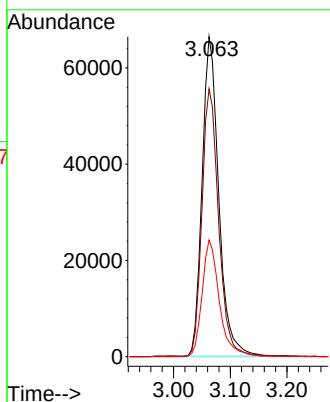
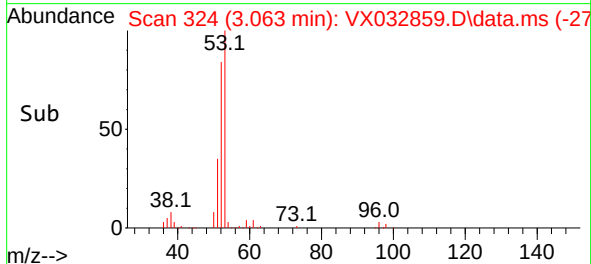
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 135636
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.0
51 37.9 30.3 45.5

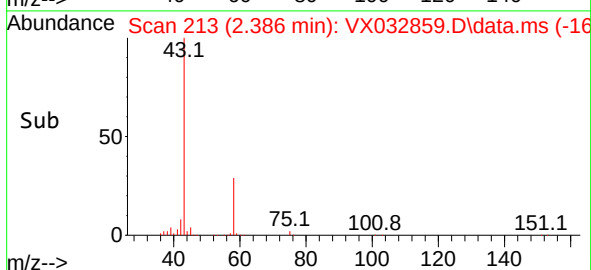
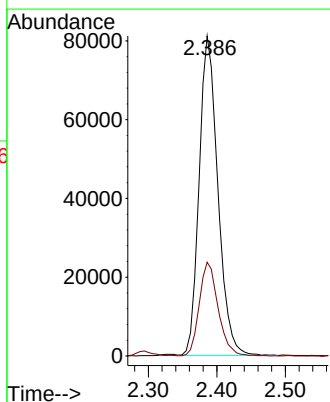
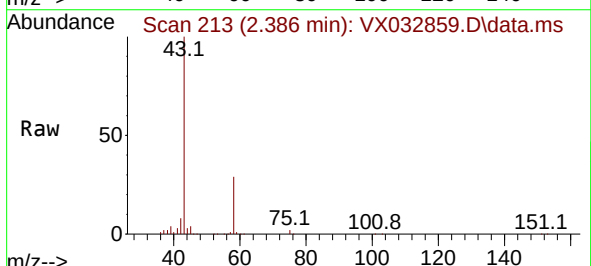
Manual Integrations
APPROVED

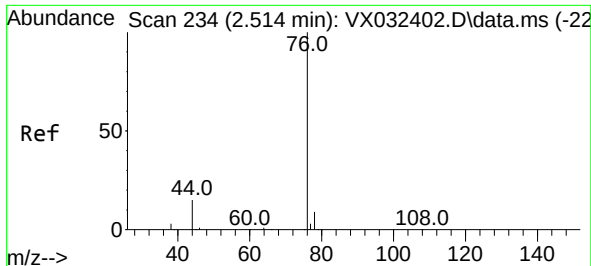
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Acetone
Concen: 299.735 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 43 Resp: 154336
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.8





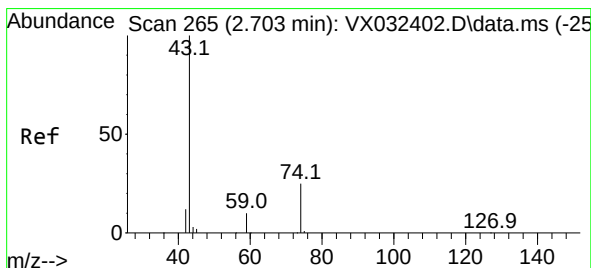
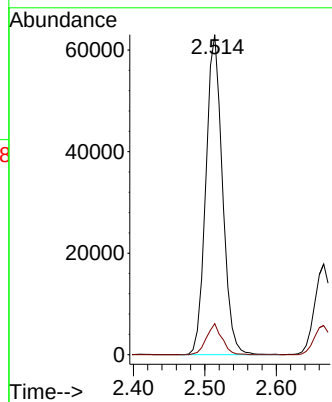
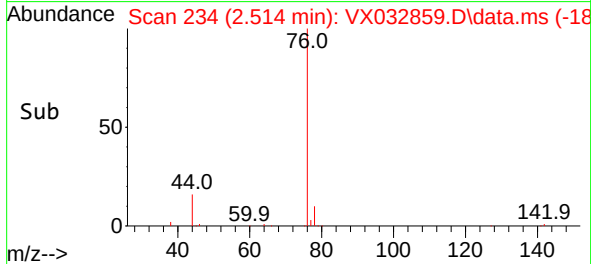
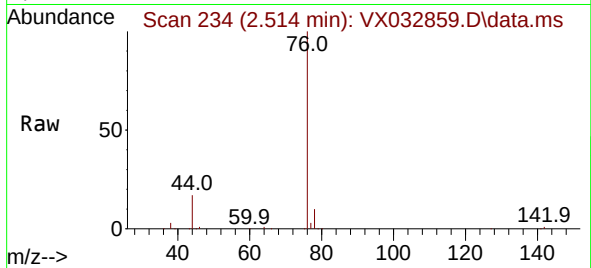
#17
Carbon Disulfide
Concen: 41.639 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 101412
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

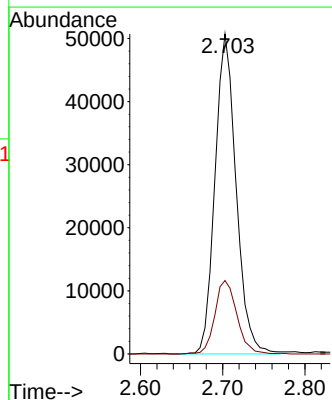
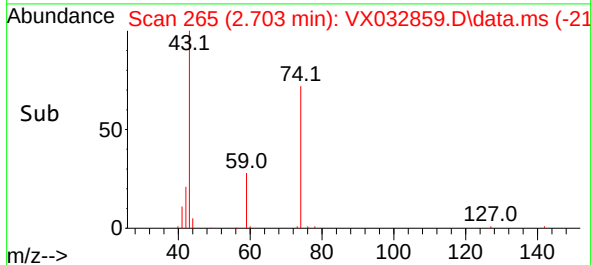
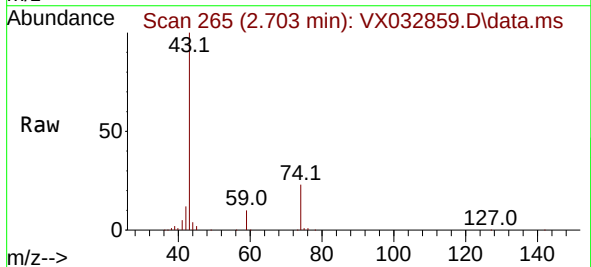
Manual Integrations
APPROVED

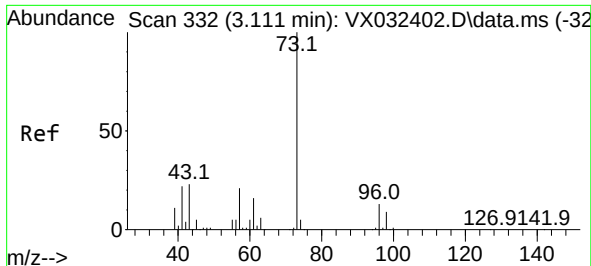
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#18
Methyl Acetate
Concen: 54.055 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 43 Resp: 90511
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.0





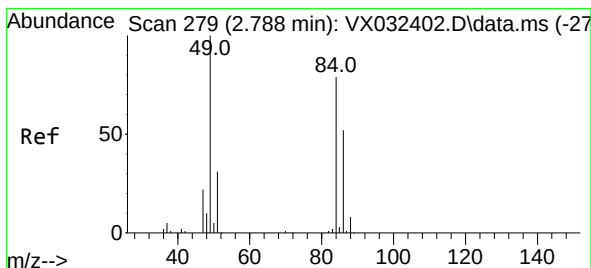
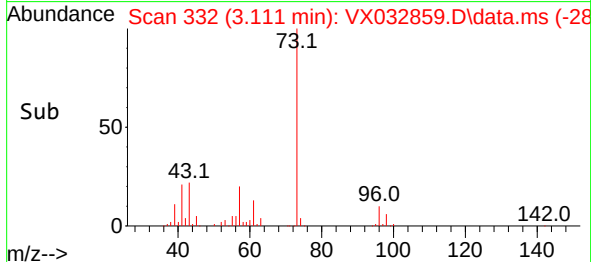
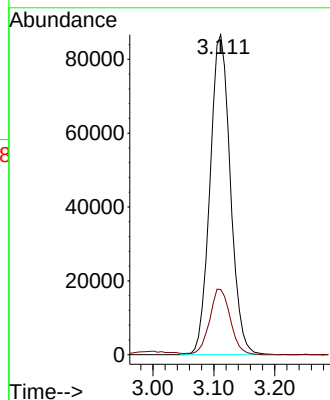
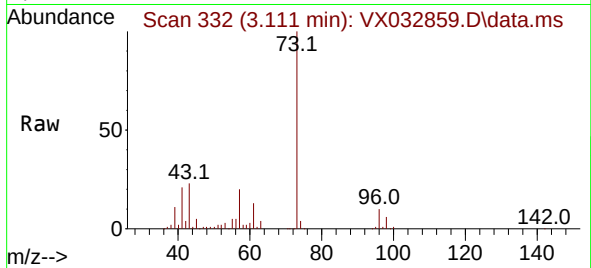
#19
Methyl tert-butyl Ether
Concen: 55.894 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 200870
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

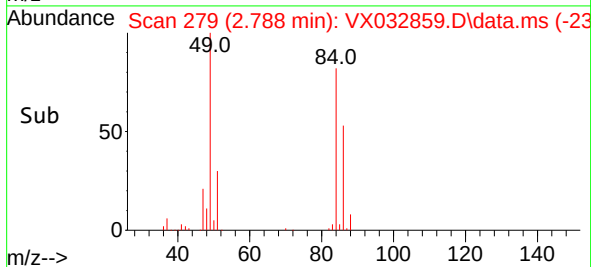
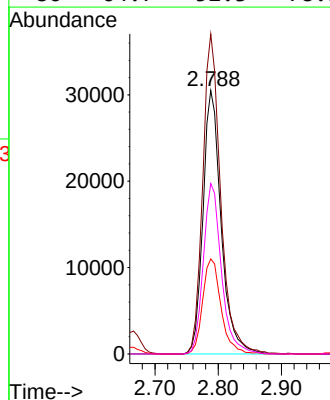
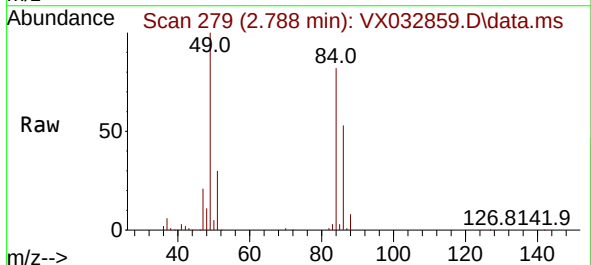
Manual Integrations
APPROVED

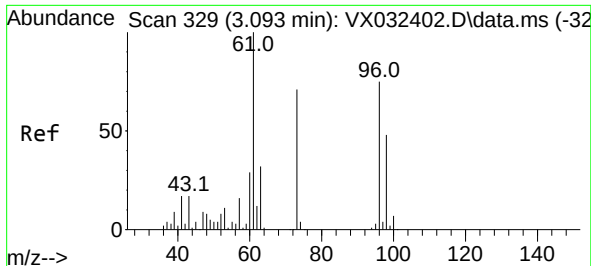
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 51.645 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

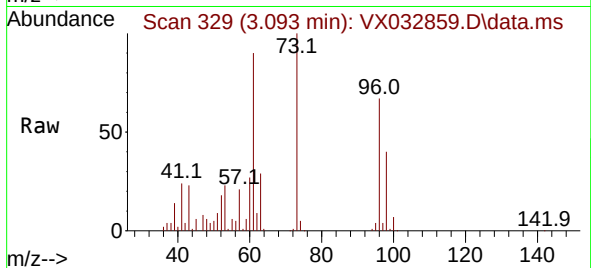
Tgt Ion: 84 Resp: 60971
Ion Ratio Lower Upper
84 100
49 121.5 101.0 151.6
51 36.1 31.1 46.7
86 64.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.942 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

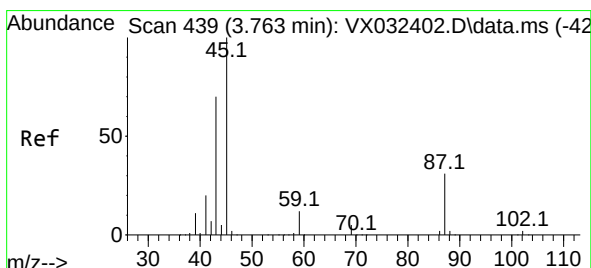
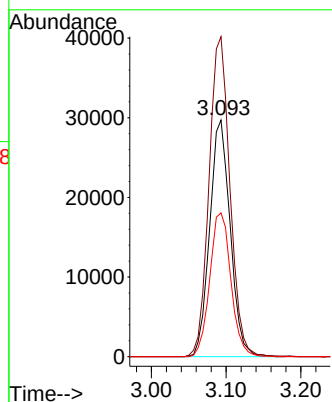
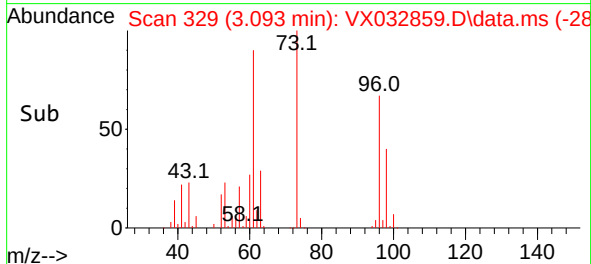
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



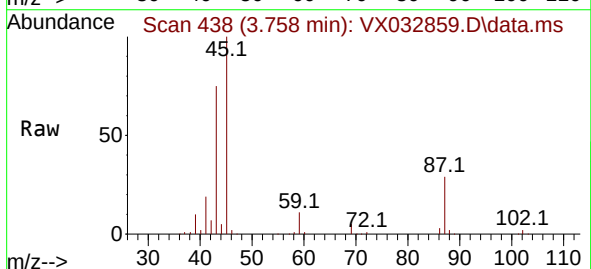
Tgt Ion: 96 Resp: 5669
Ion Ratio Lower Upper
96 100
61 135.2 106.6 160.0
98 60.8 51.0 76.6

Manual Integrations
APPROVED

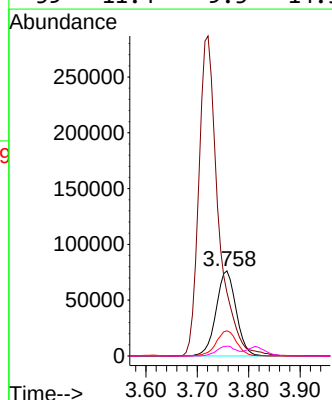
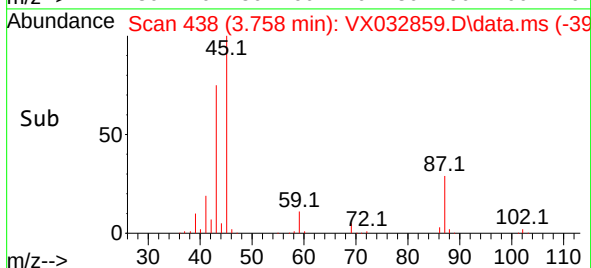
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

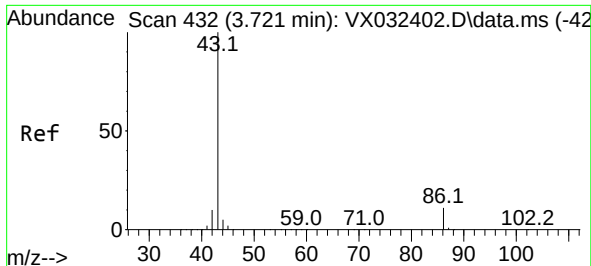


#22
Diisopropyl ether
Concen: 58.382 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion: 45 Resp: 205833
Ion Ratio Lower Upper
45 100
43 74.6 56.4 84.6
87 29.5 24.4 36.6
59 11.4 9.5 14.3





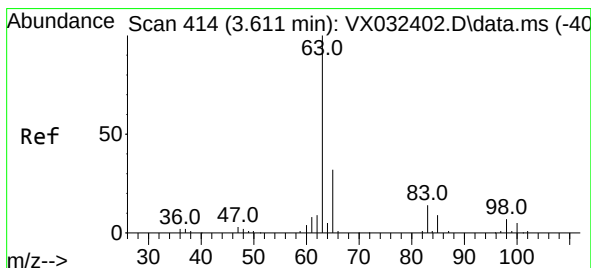
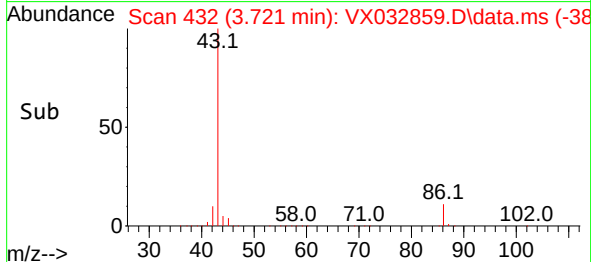
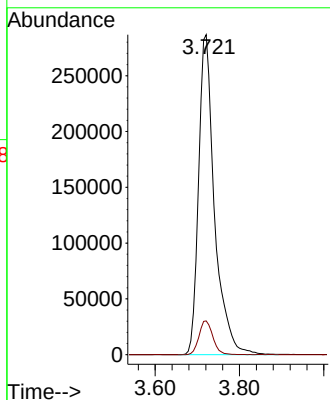
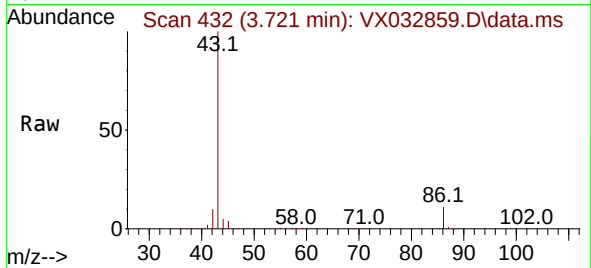
#23
 Vinyl Acetate
 Concen: 265.056 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 75499
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

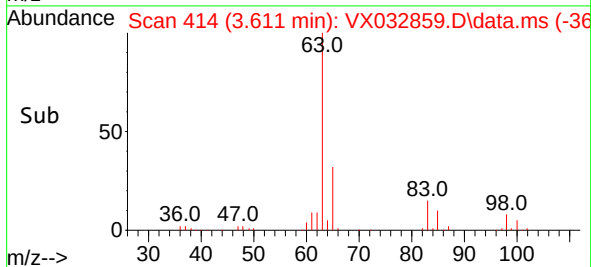
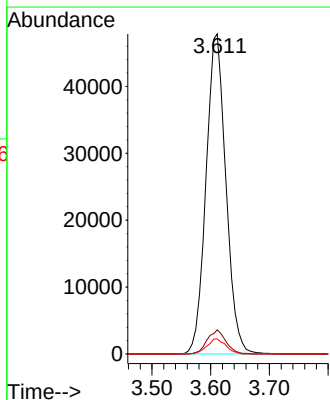
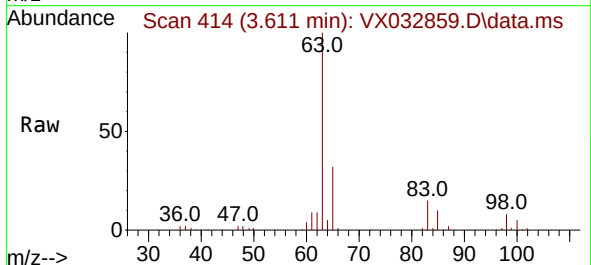
Manual Integrations
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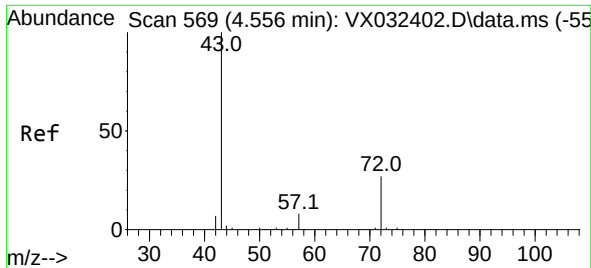
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#24
 1,1-Dichloroethane
 Concen: 55.423 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39

Tgt Ion: 63 Resp: 112394
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.7 2.3 6.8





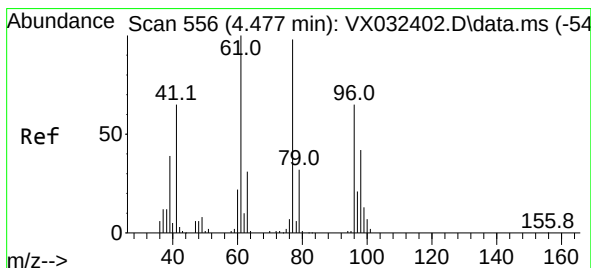
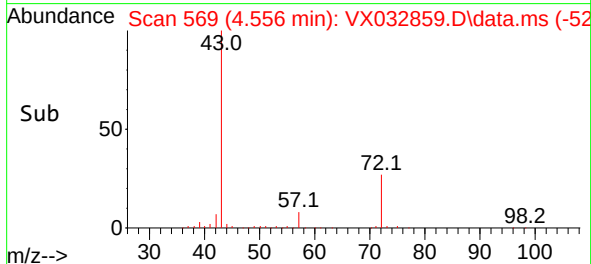
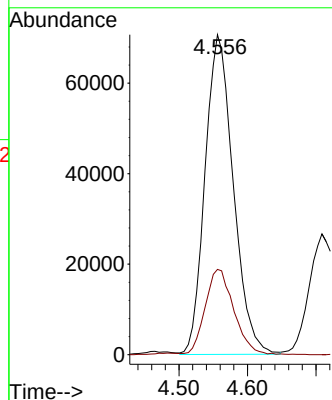
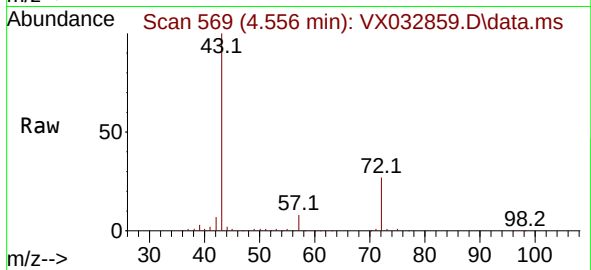
#25
2-Butanone
Concen: 253.784 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20245
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2

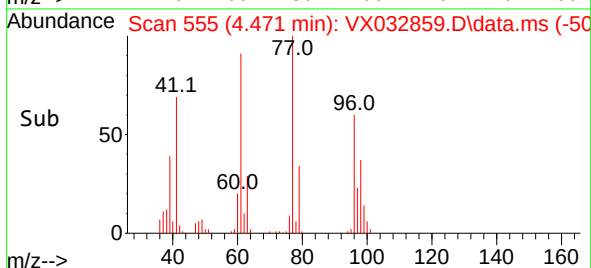
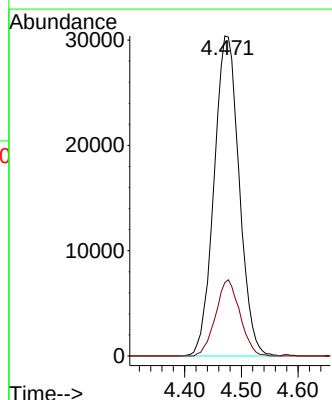
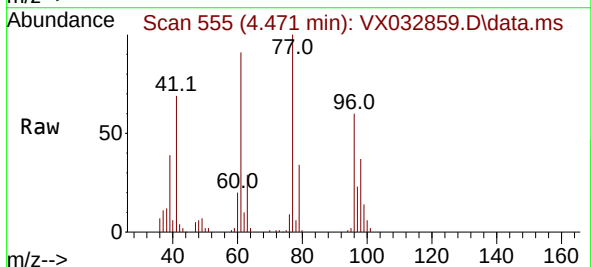
Manual Integrations
APPROVED

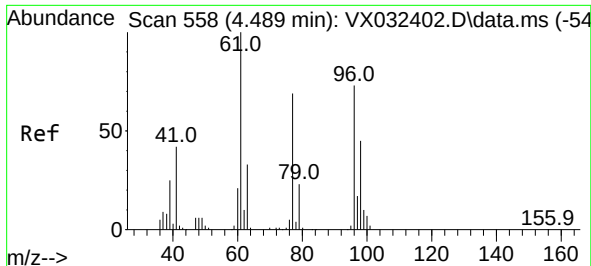
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#26
2,2-Dichloropropane
Concen: 58.024 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 77 Resp: 93537
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 56.985 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7331

Ion Ratio Lower Upper

96 100

61 143.3 0.0 286.0

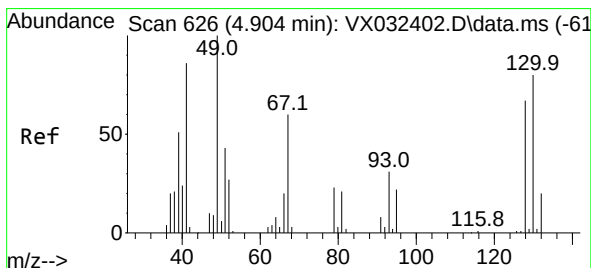
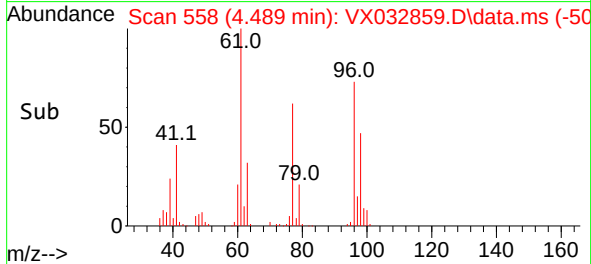
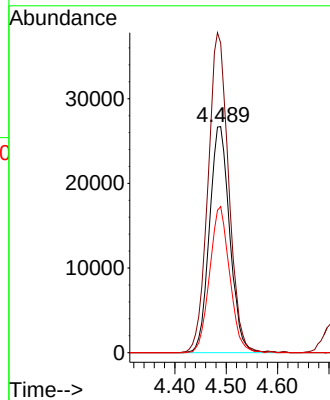
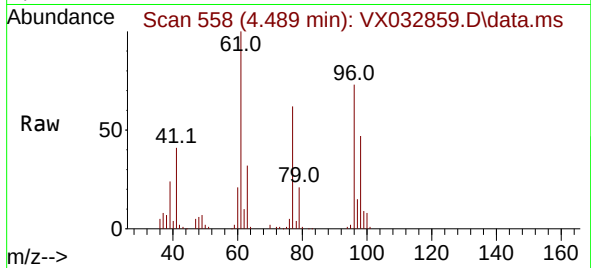
98 63.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#28

Bromochloromethane

Concen: 48.744 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.012 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

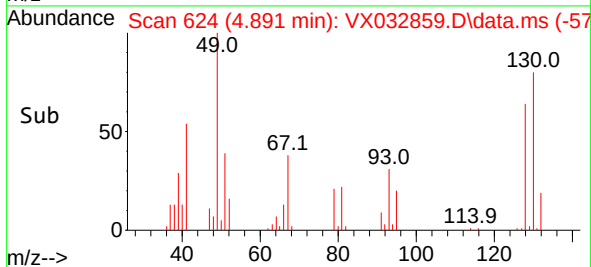
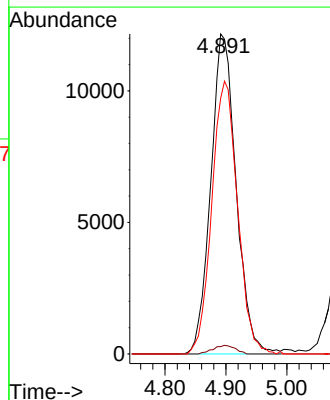
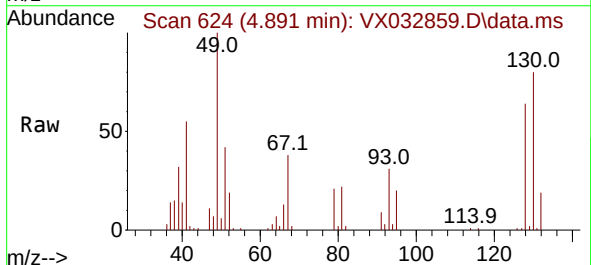
Tgt Ion: 49 Resp: 35210

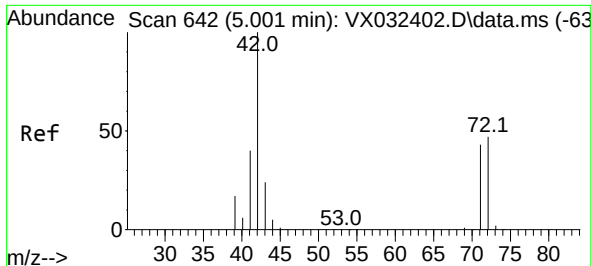
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 86.5 67.5 101.3





#29

Tetrahydrofuran

Concen: 233.414 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 11873

Ion Ratio Lower Upper

42 100

72 46.8 37.6 56.4

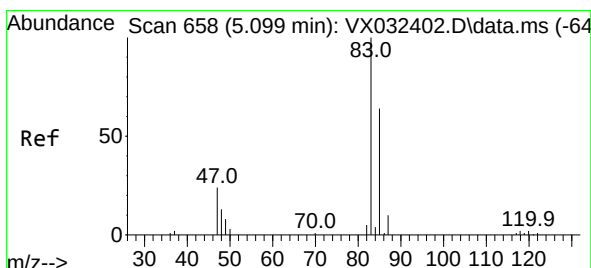
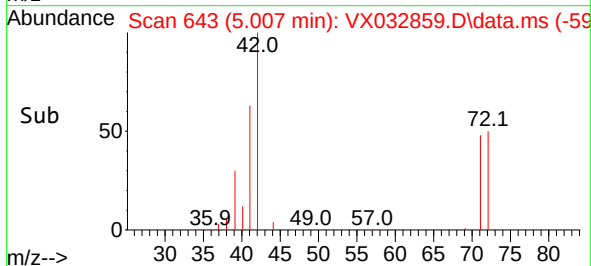
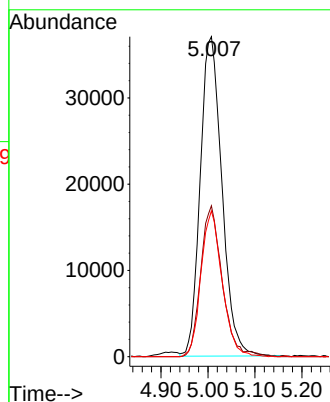
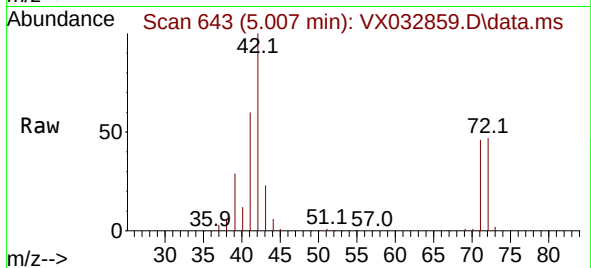
71 44.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#30

Chloroform

Concen: 58.676 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032859.D

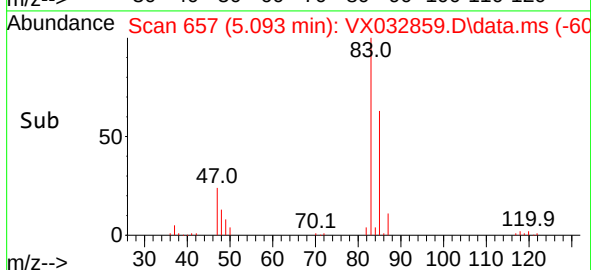
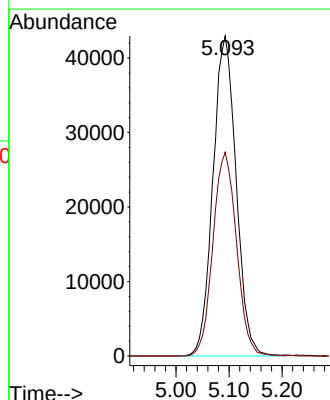
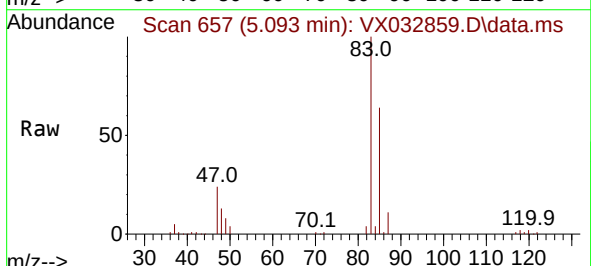
Acq: 16 Nov 2022 11:39

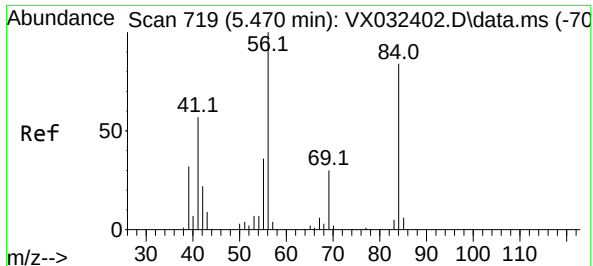
Tgt Ion: 83 Resp: 130567

Ion Ratio Lower Upper

83 100

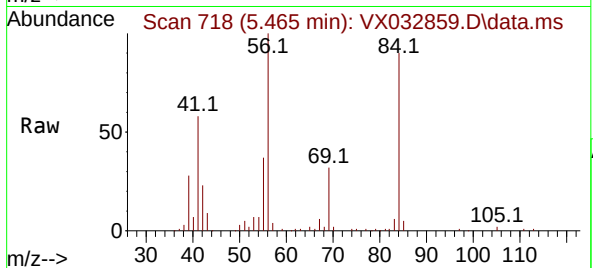
85 63.6 51.1 76.7





#31
Cyclohexane
Concen: 50.907 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

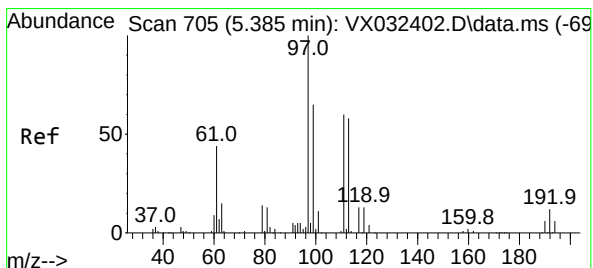
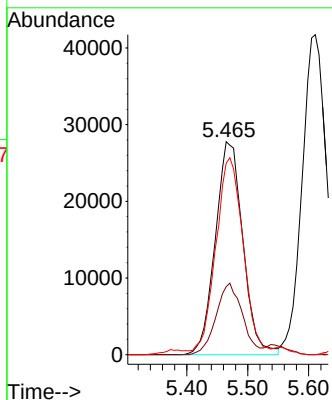
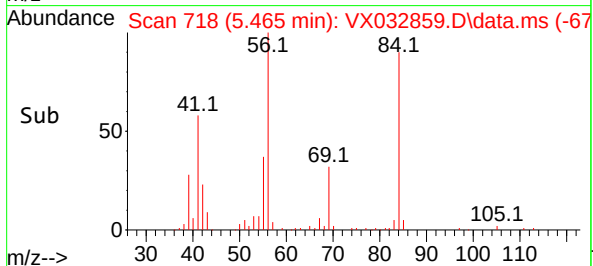
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



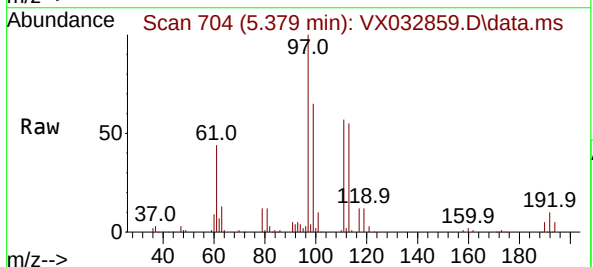
Tgt Ion: 56 Resp: 87444
Ion Ratio Lower Upper
56 100
69 31.9 24.1 36.1
84 87.8 66.9 100.3

Manual Integrations
APPROVED

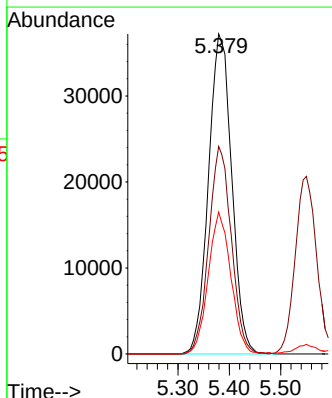
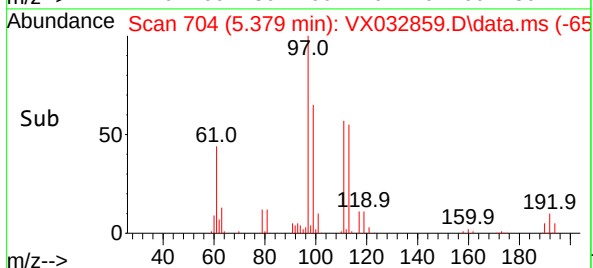
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

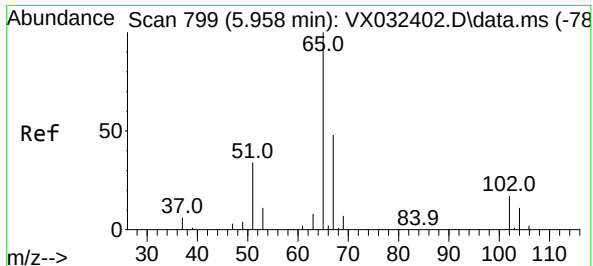


#32
1,1,1-Trichloroethane
Concen: 58.528 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion: 97 Resp: 116872
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.500 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7437

Ion Ratio Lower Upper

65 100

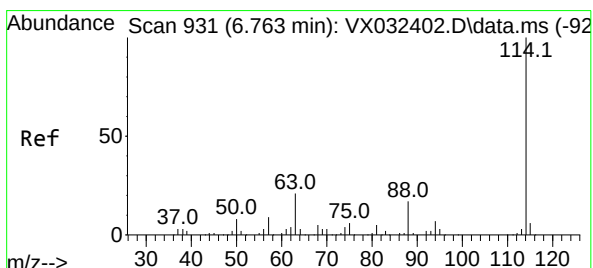
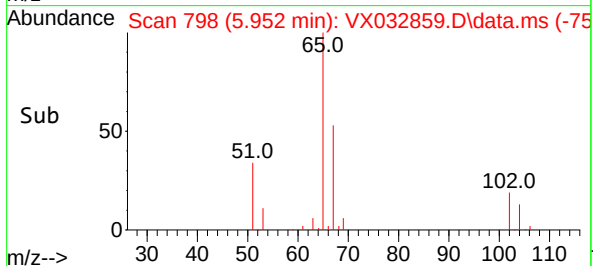
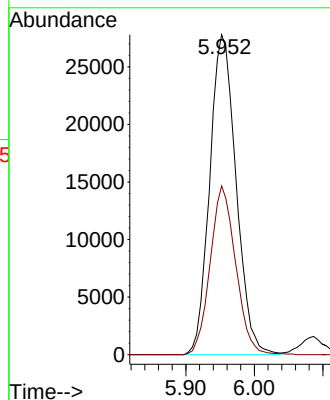
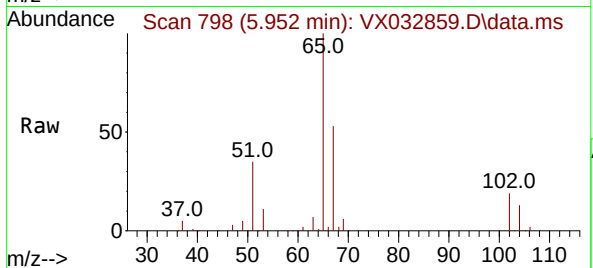
67 50.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

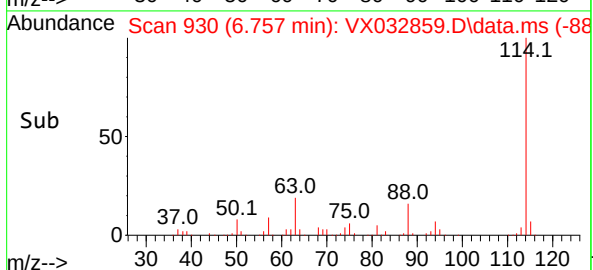
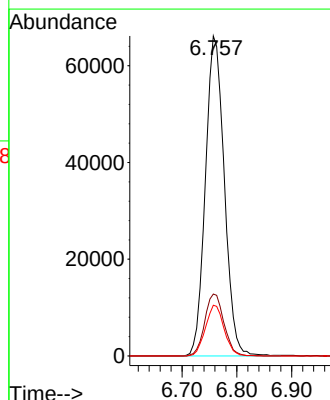
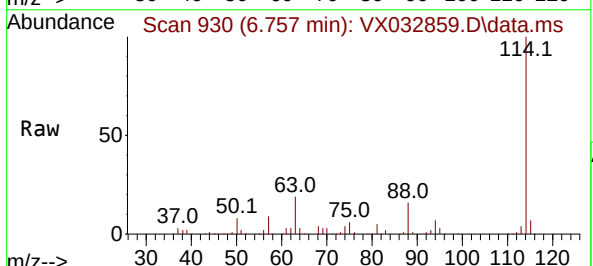
Tgt Ion:114 Resp: 158416

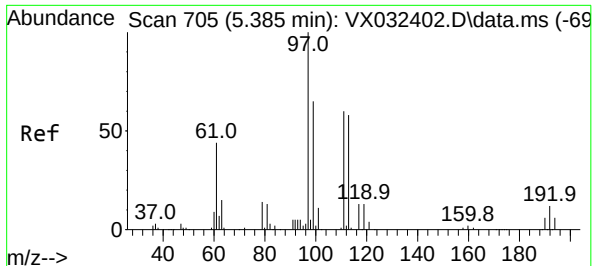
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 55.391 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 62592

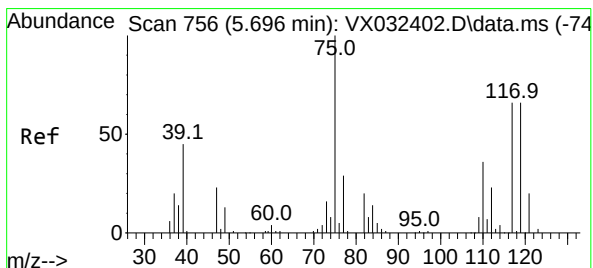
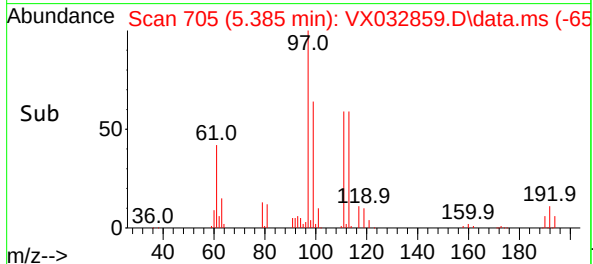
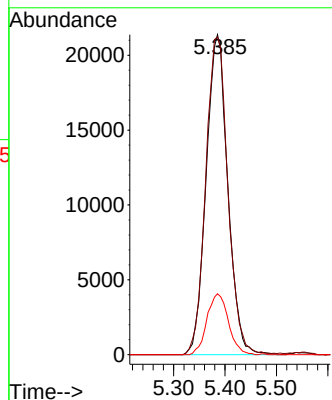
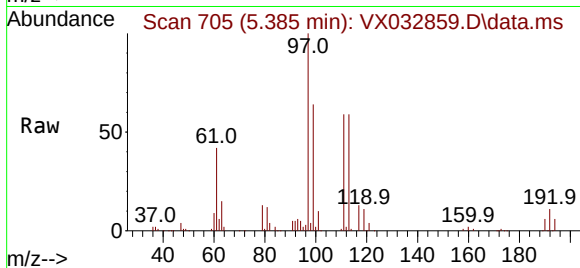
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	18.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#36

1,1-Dichloropropene

Concen: 53.909 ug/l

RT: 5.690 min Scan# 755

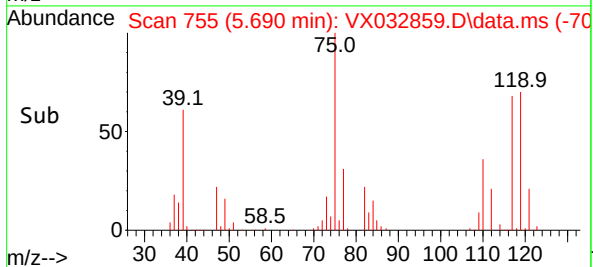
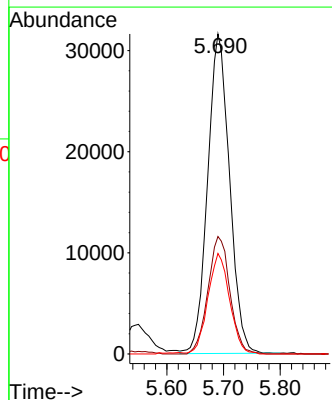
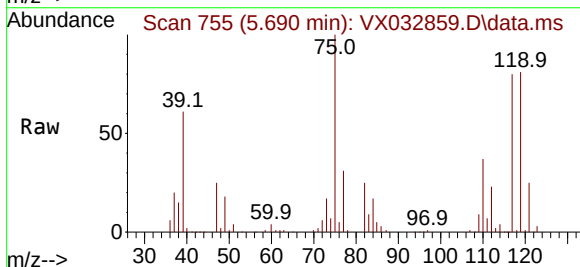
Delta R.T. -0.006 min

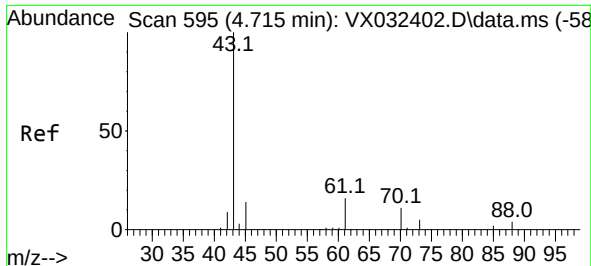
Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Tgt Ion: 75 Resp: 84830

Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.2
77	31.1	24.5	36.7





#37

Ethyl Acetate

Concen: 47.607 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

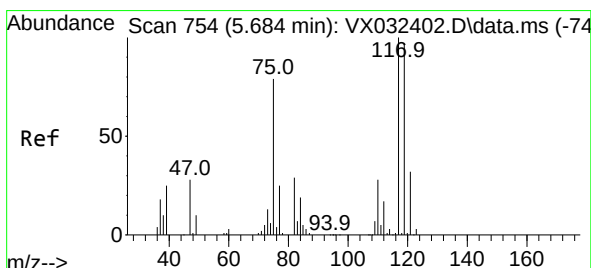
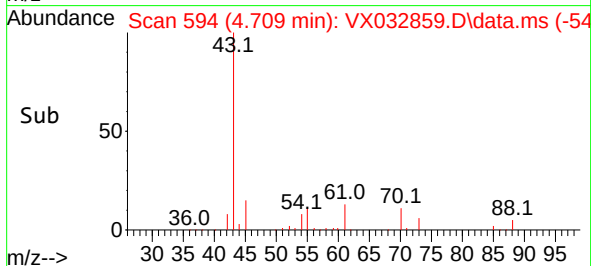
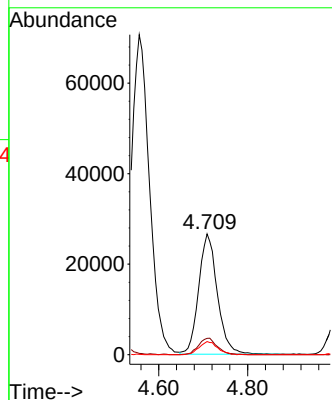
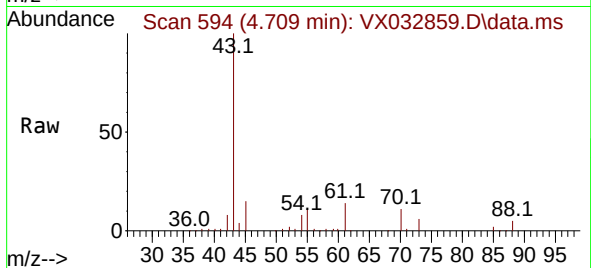
Tgt Ion:	43	Resp:	7797
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.5	17.3
70	10.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#38

Carbon Tetrachloride

Concen: 56.537 ug/l

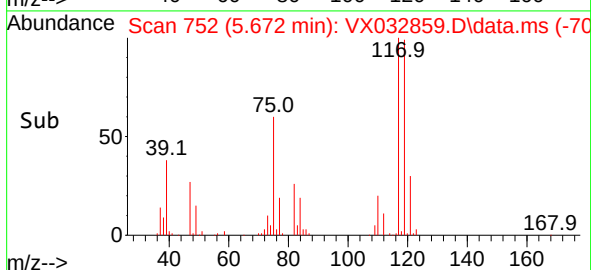
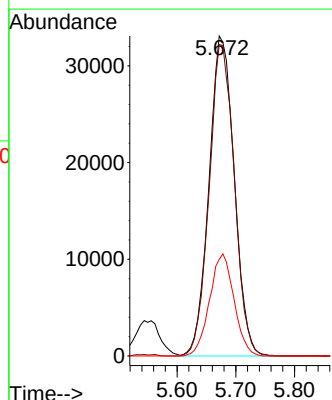
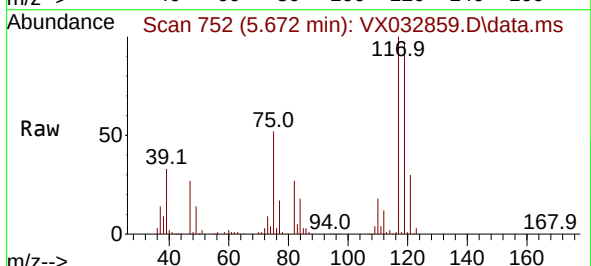
RT: 5.672 min Scan# 752

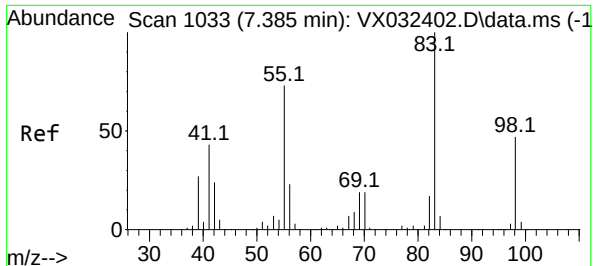
Delta R.T. -0.012 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Tgt Ion:	117	Resp:	98674
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.2	115.8
121	30.2	25.8	38.6





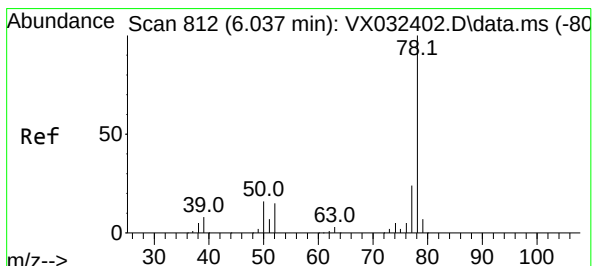
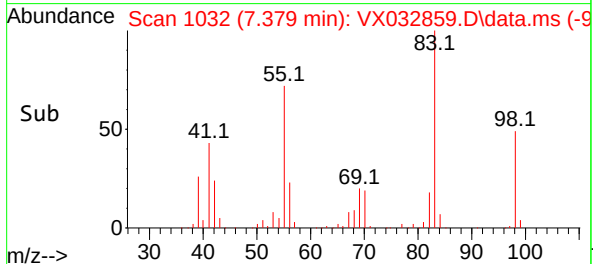
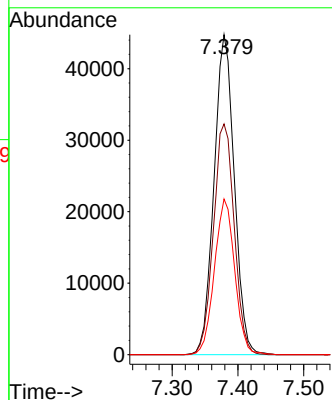
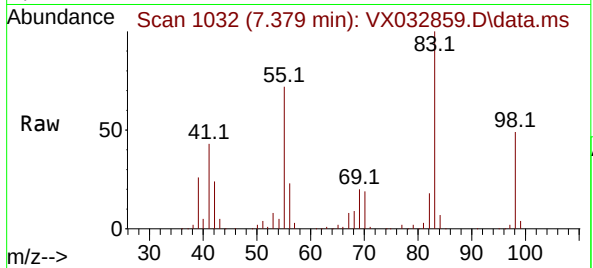
#39
Methylcyclohexane
Concen: 51.626 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96110
Ion Ratio Lower Upper
83 100
55 72.1 58.4 87.6
98 48.6 37.2 55.8

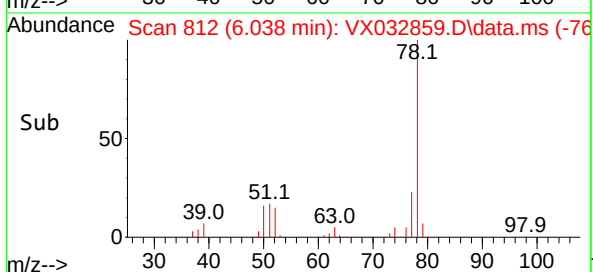
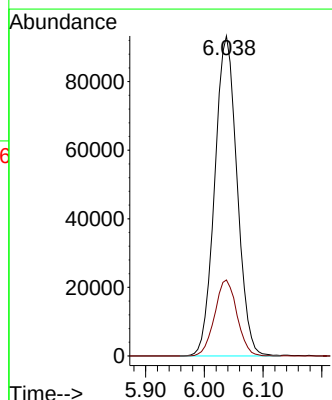
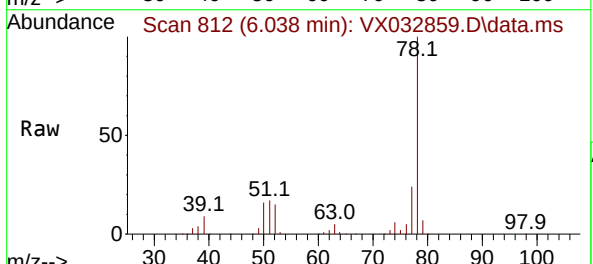
Manual Integrations
APPROVED

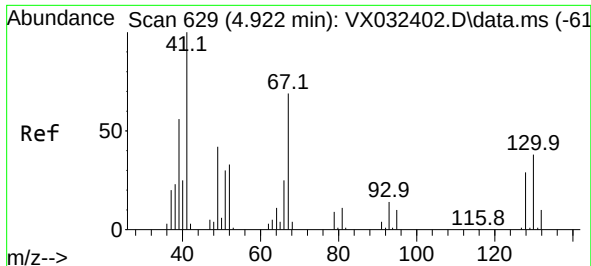
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#40
Benzene
Concen: 55.236 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 78 Resp: 245963
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41
Methacrylonitrile
Concen: 54.393 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

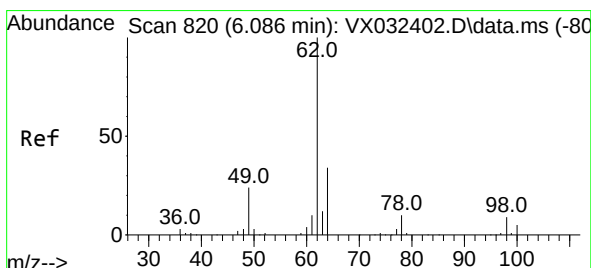
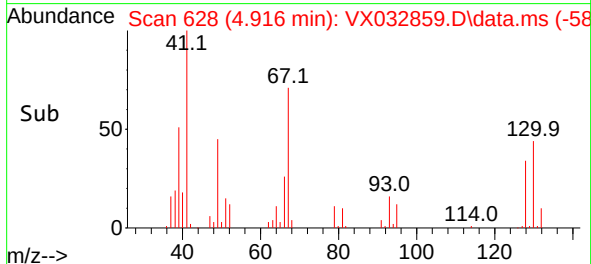
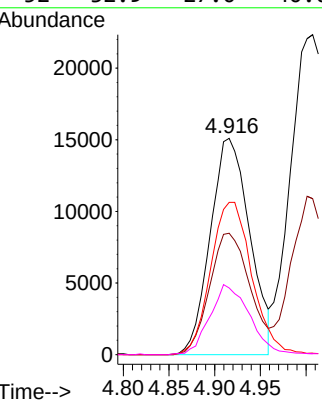
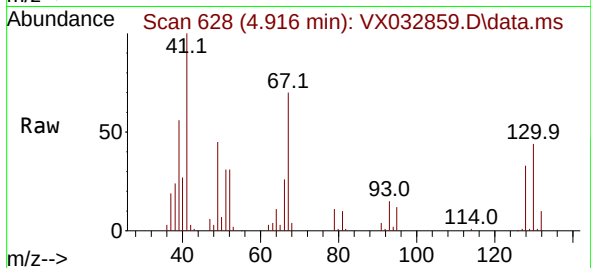
Tgt Ion: 41 Resp: 4538
Ion Ratio Lower Upper
41 100
39 57.4 47.5 71.3
67 73.7 60.5 90.7
52 32.9 27.0 40.6

Manual Integrations

APPROVED

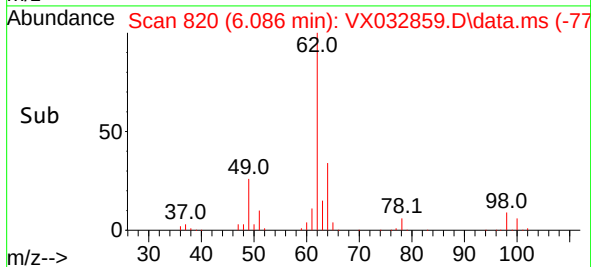
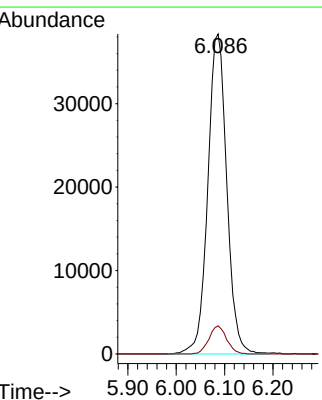
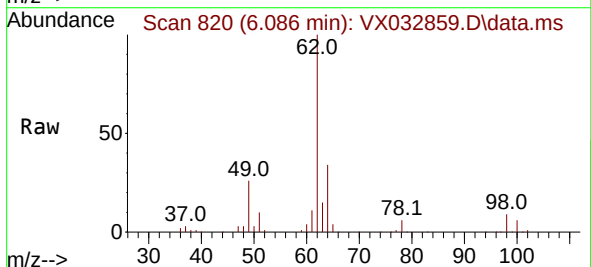
Reviewed By :John Carlone 11/17/2022

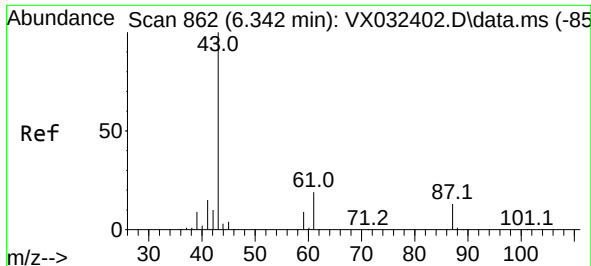
Supervised By :Mahesh Dadoda 11/17/2022



#42
1,2-Dichloroethane
Concen: 57.293 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

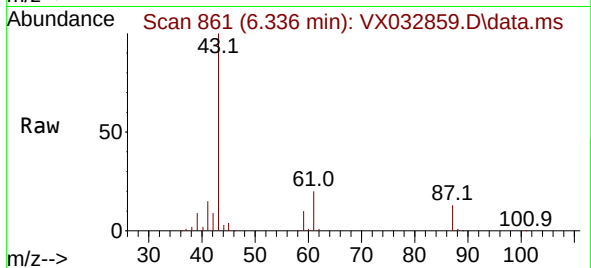
Tgt Ion: 62 Resp: 104288
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.602 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

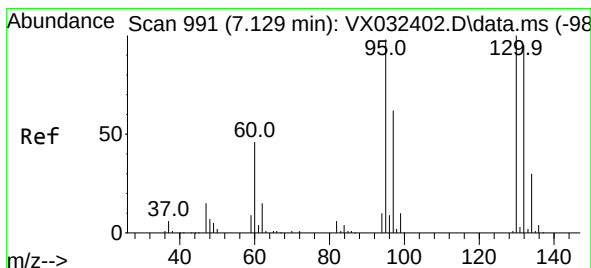
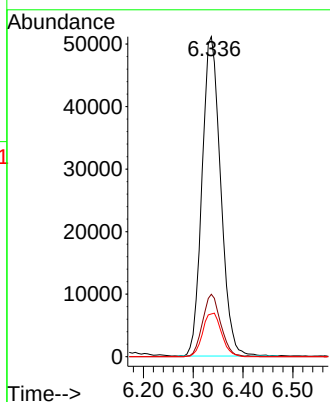
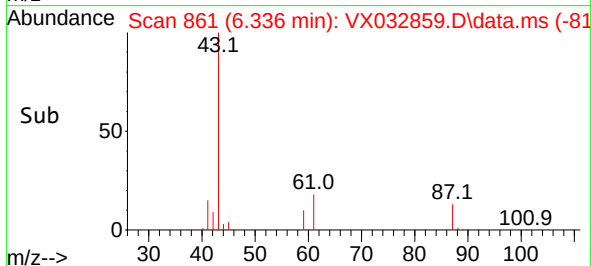
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 132289
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.8 10.8 16.2

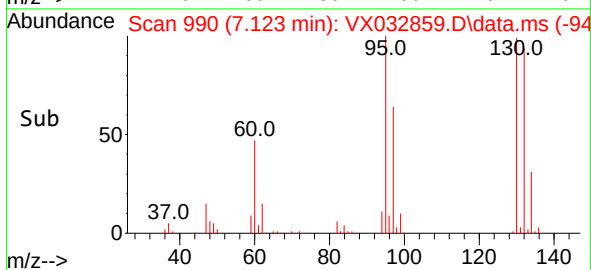
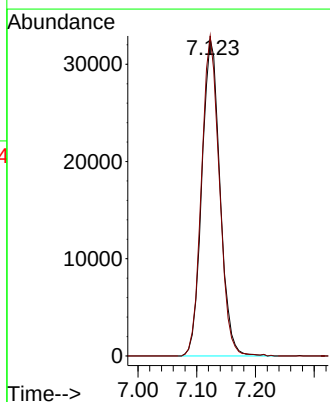
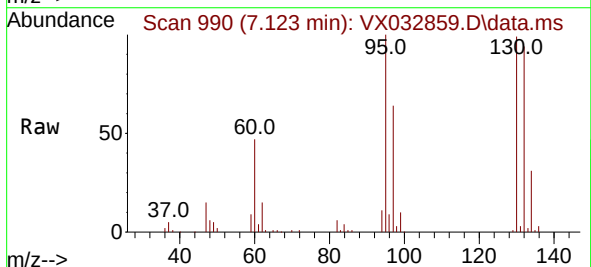
Manual Integrations
APPROVED

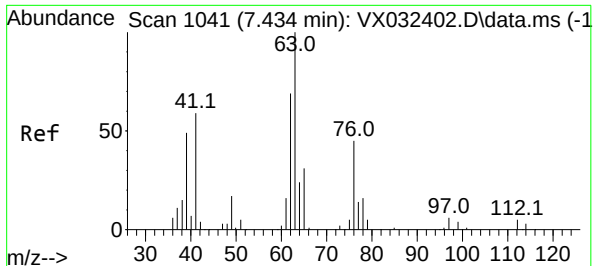
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#44
Trichloroethene
Concen: 55.706 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:130 Resp: 69830
Ion Ratio Lower Upper
130 100
95 100.9 0.0 195.2





#45
1,2-Dichloropropane
Concen: 57.626 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

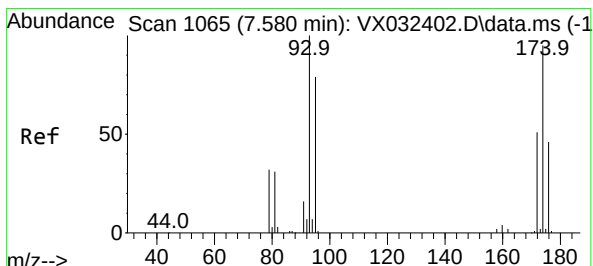
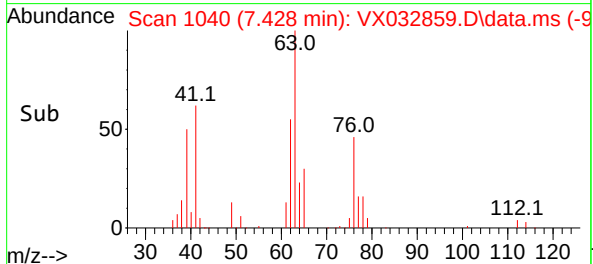
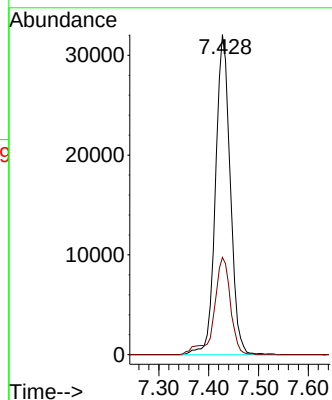
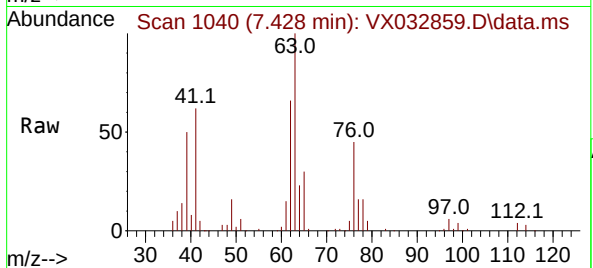
VSTDCCC050

Tgt Ion: 63 Resp: 6587
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8

Manual Integrations

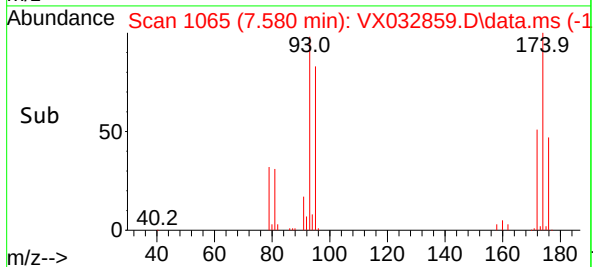
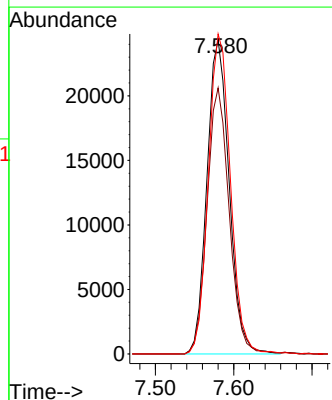
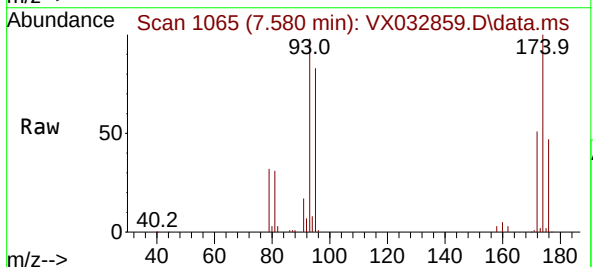
APPROVED

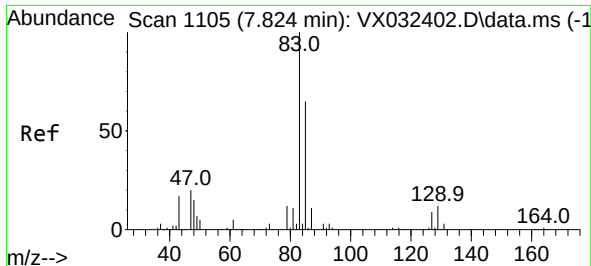
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#46
Dibromomethane
Concen: 54.758 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

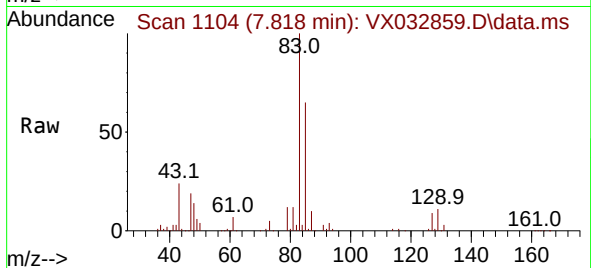
Tgt Ion: 93 Resp: 48003
Ion Ratio Lower Upper
93 100
95 84.1 65.8 98.8
174 101.6 79.8 119.6





#47
Bromodichloromethane
Concen: 59.770 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

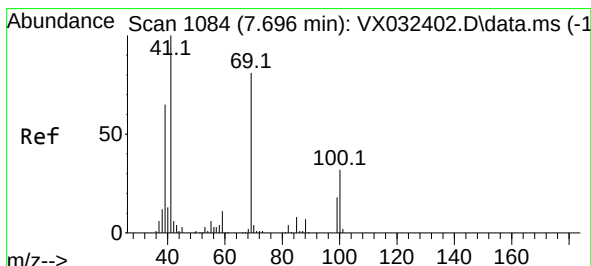
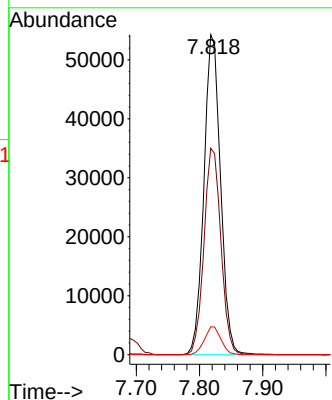
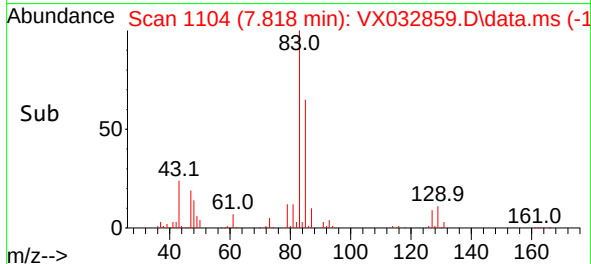
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 99300
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.4
127 8.7 7.4 11.2

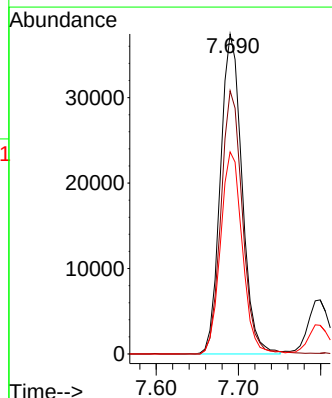
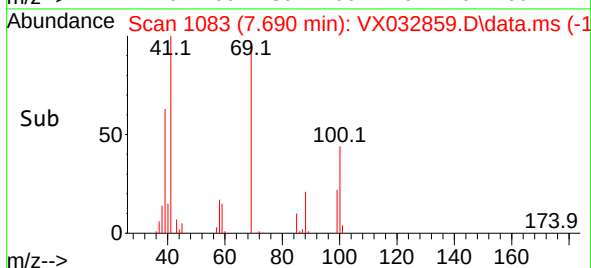
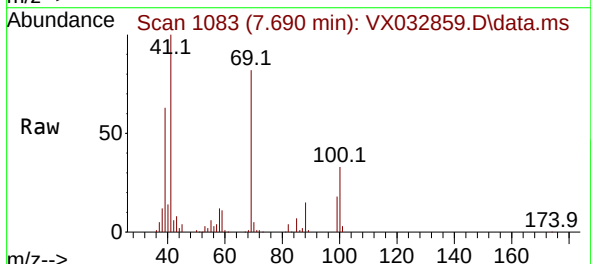
Manual Integrations
APPROVED

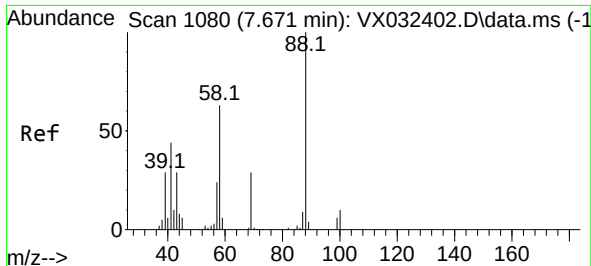
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#48
Methyl methacrylate
Concen: 52.692 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 41 Resp: 68440
Ion Ratio Lower Upper
41 100
69 81.6 65.1 97.7
39 63.8 51.9 77.9





#49

1,4-Dioxane

Concen: 875.935 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.025 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

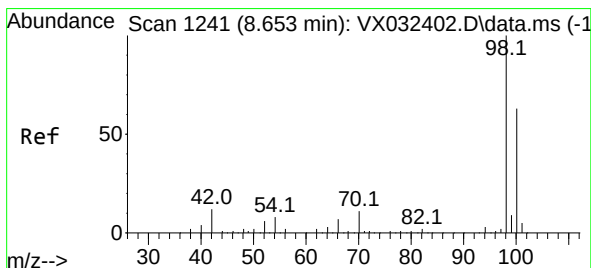
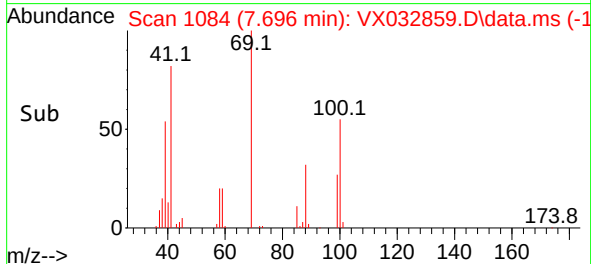
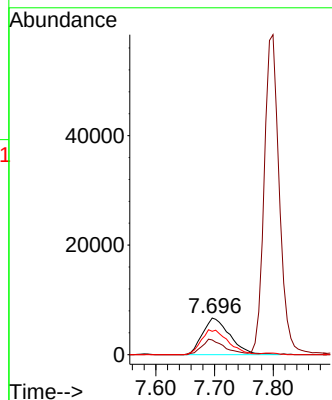
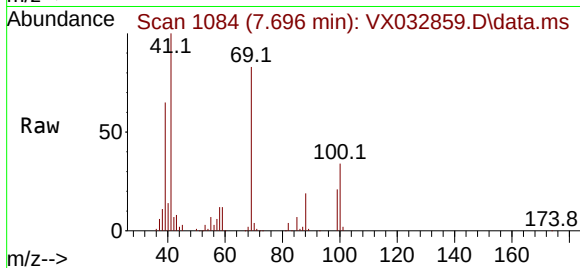
Tgt Ion:	88	Resp:	2168
Ion Ratio	Lower	Upper	
88	100		
43	35.1	26.6	39.8
58	66.6	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 52.465 ug/l

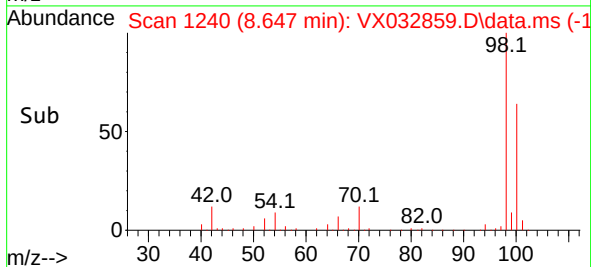
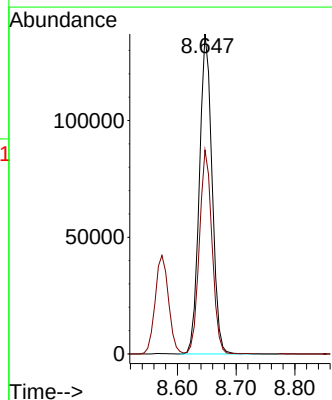
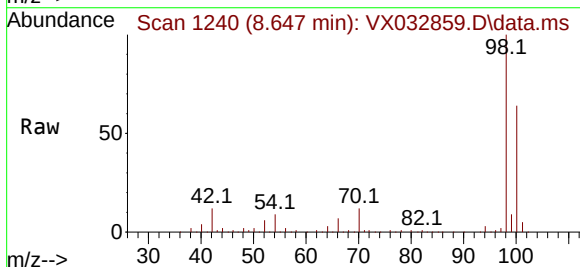
RT: 8.647 min Scan# 1240

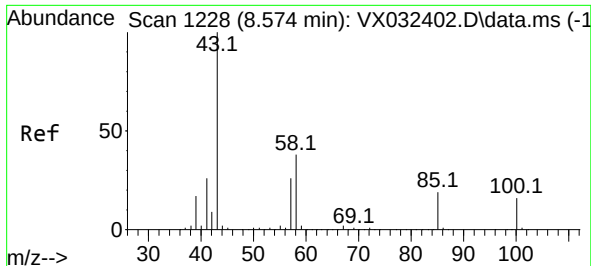
Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Tgt Ion:	98	Resp:	206149
Ion Ratio	Lower	Upper	
98	100		
100	63.4	50.9	76.3





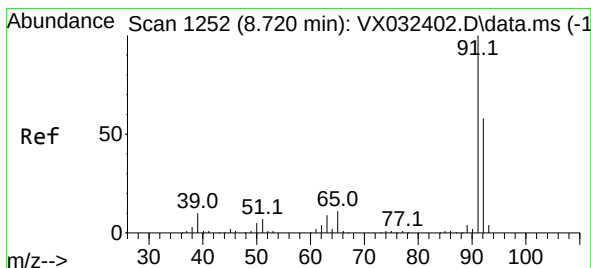
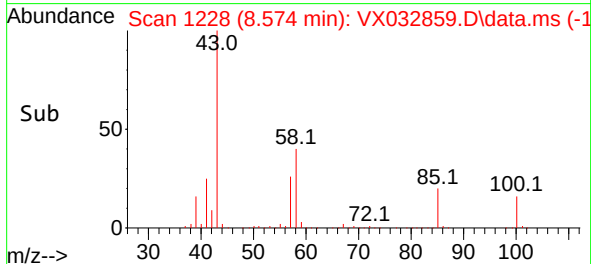
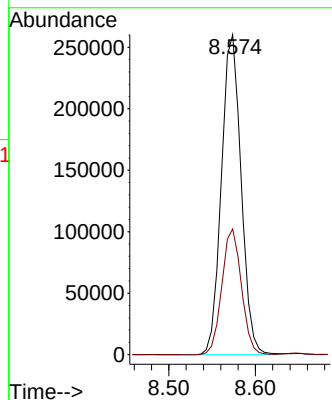
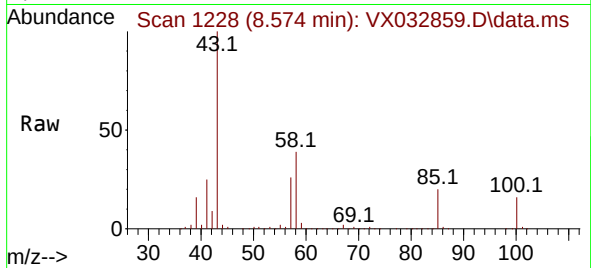
#51
4-Methyl-2-Pentanone
Concen: 259.724 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 411425
Ion Ratio Lower Upper
43 100
58 39.0 30.9 46.3

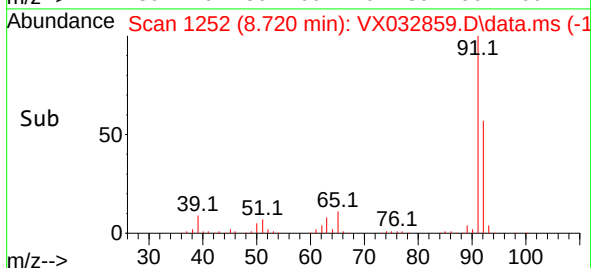
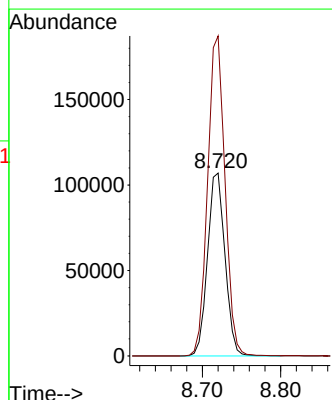
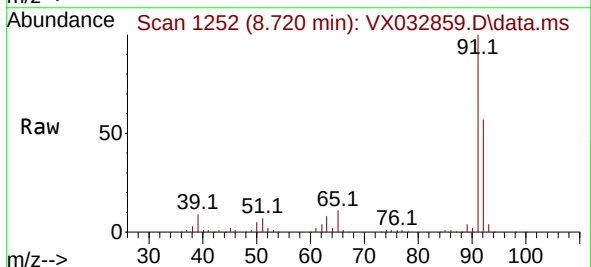
Manual Integrations
APPROVED

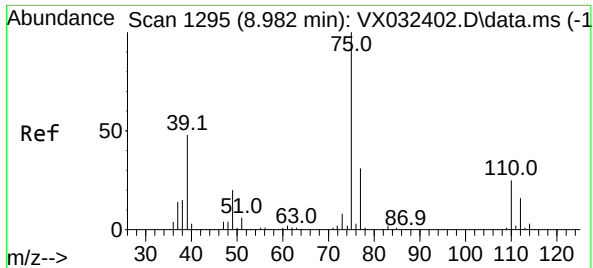
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Toluene
Concen: 56.859 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion: 92 Resp: 165190
Ion Ratio Lower Upper
92 100
91 174.3 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 60.023 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10175

Ion Ratio Lower Upper

75 100

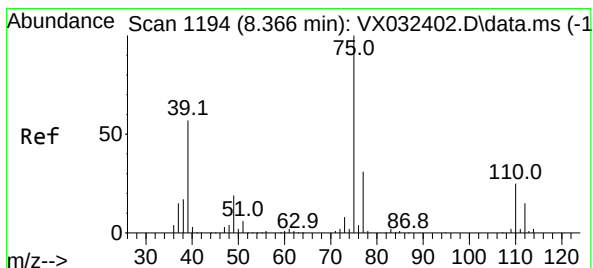
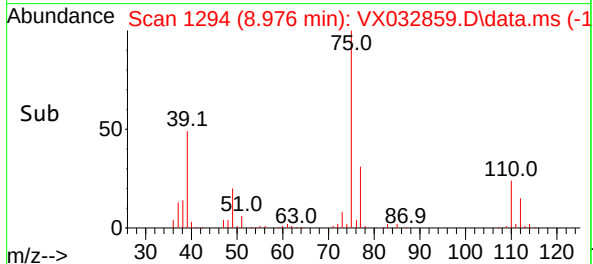
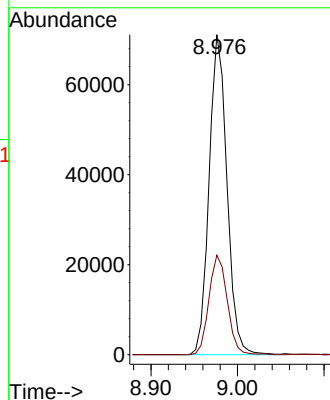
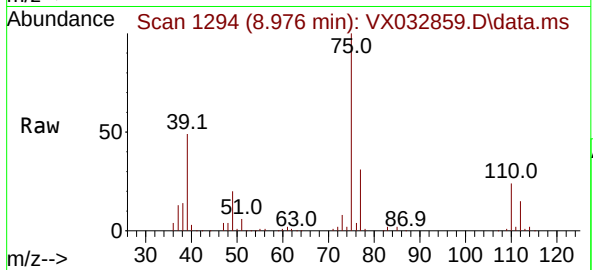
77 31.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#54

cis-1,3-Dichloropropene

Concen: 59.839 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

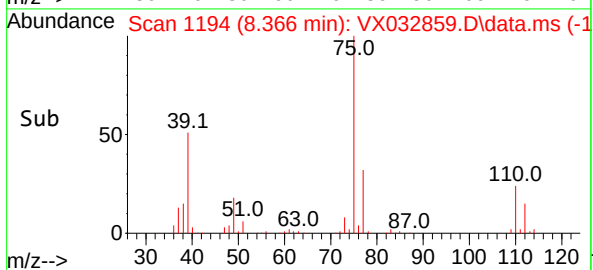
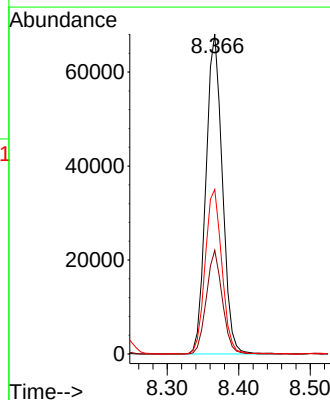
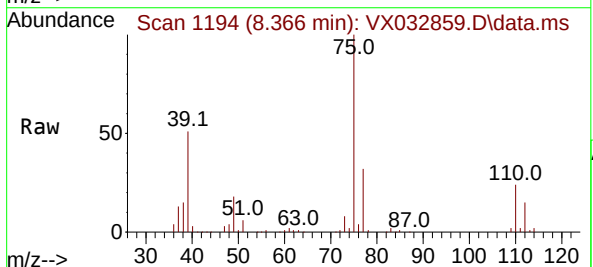
Tgt Ion: 75 Resp: 108497

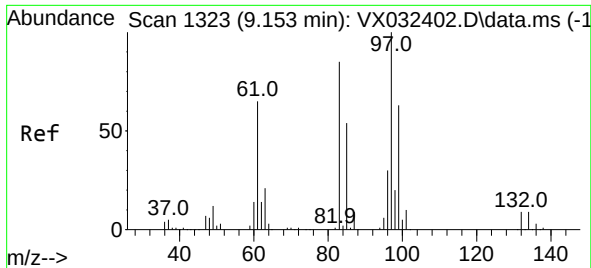
Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

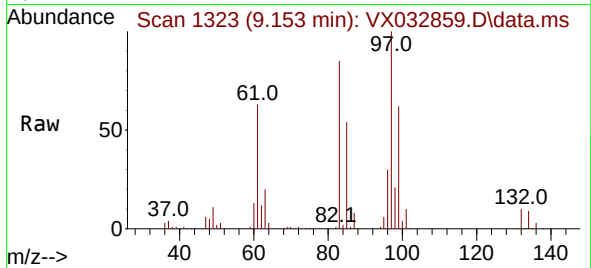
39 51.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 58.153 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

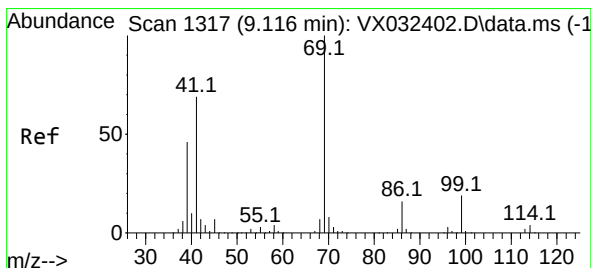
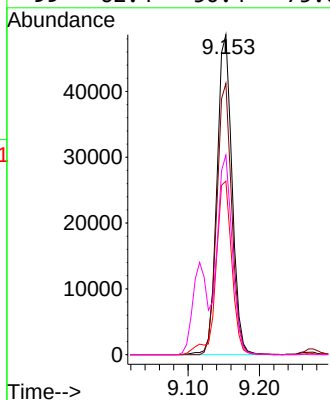
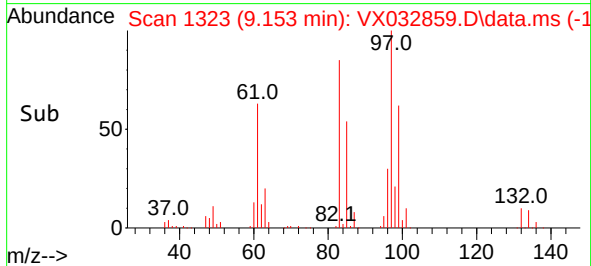
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



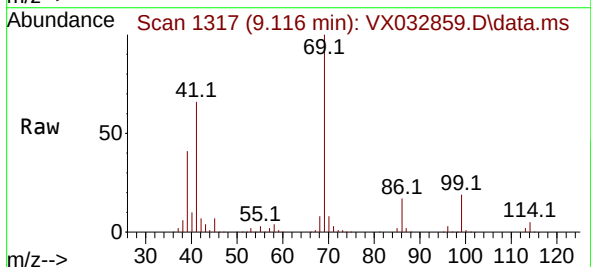
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	54.3	43.3	64.9
99	62.4	50.4	75.6

Manual Integrations
APPROVED

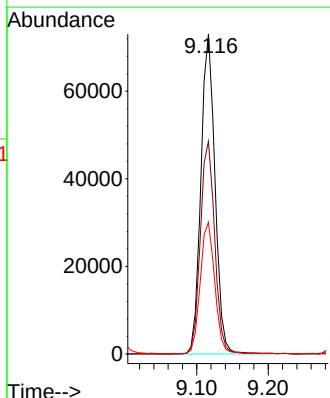
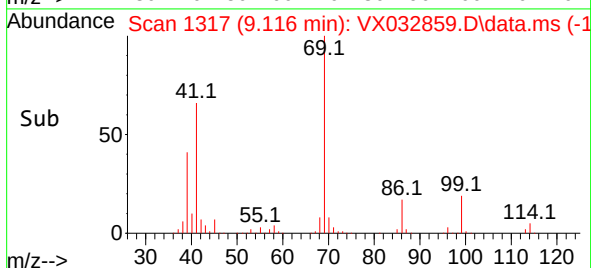
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

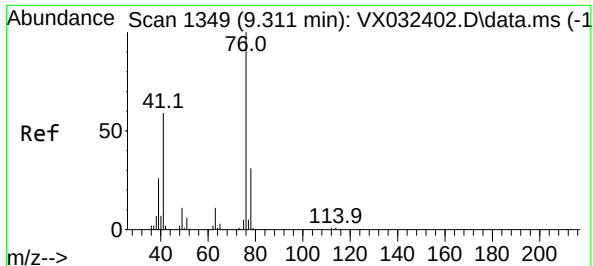


#56
Ethyl methacrylate
Concen: 56.891 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.3	81.5
39	42.2	35.2	52.8





#57

1,3-Dichloropropane

Concen: 57.895 ug/l

RT: 9.305 min Scan# 11439

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11439

Ion Ratio Lower Upper

76 100

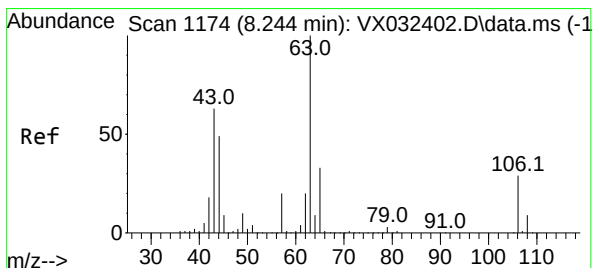
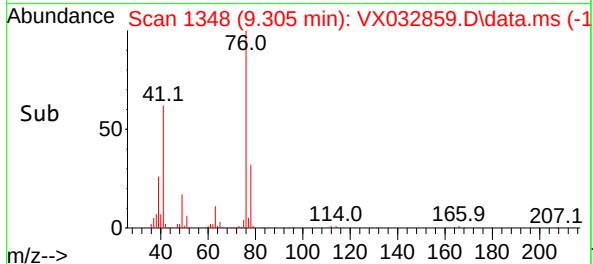
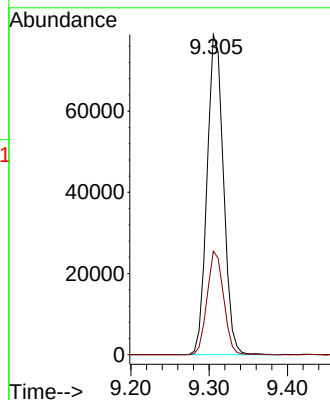
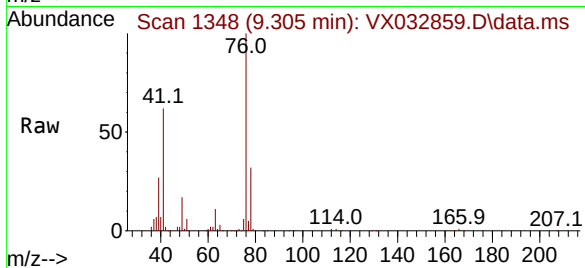
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 296.879 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032859.D

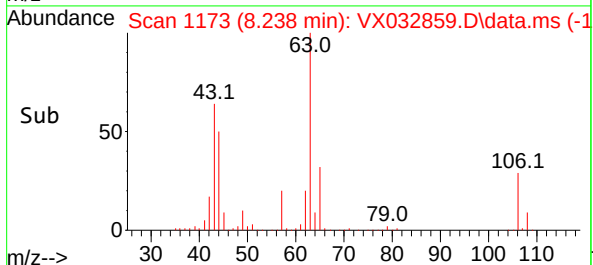
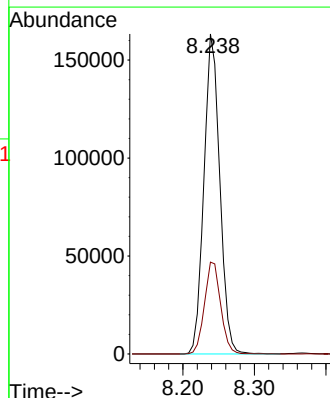
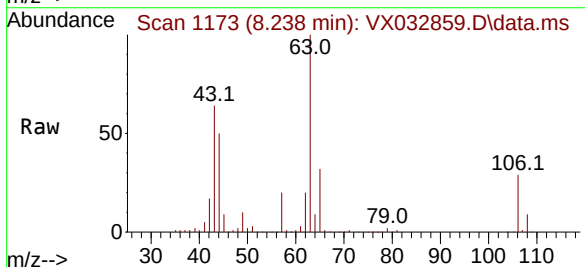
Acq: 16 Nov 2022 11:39

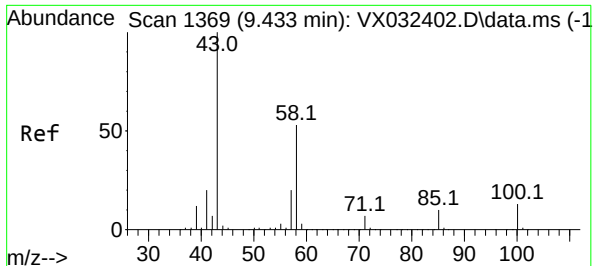
Tgt Ion: 63 Resp: 251696

Ion Ratio Lower Upper

63 100

106 29.3 23.3 34.9





#59

2-Hexanone

Concen: 265.842 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31247

Ion Ratio Lower Upper

43 100

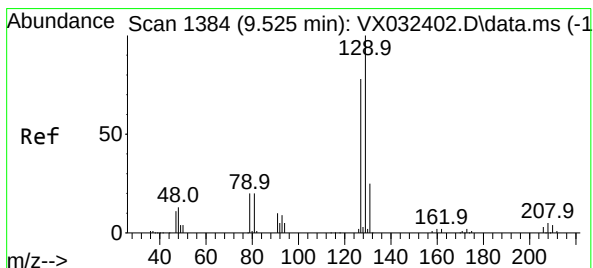
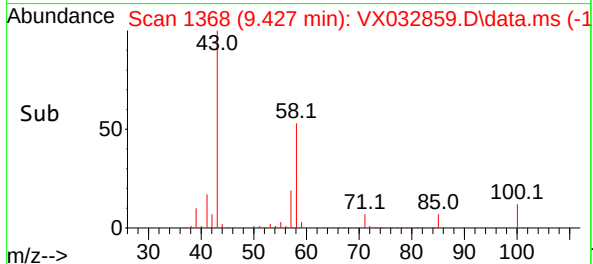
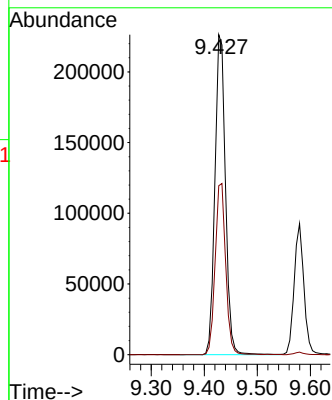
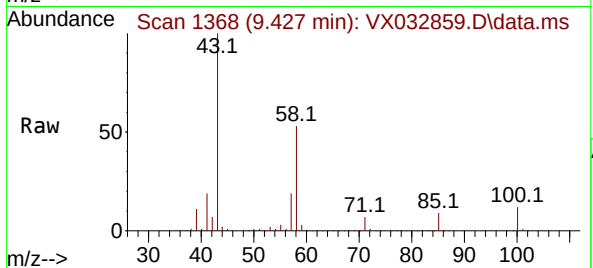
58 53.7 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#60

Dibromochloromethane

Concen: 60.196 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032859.D

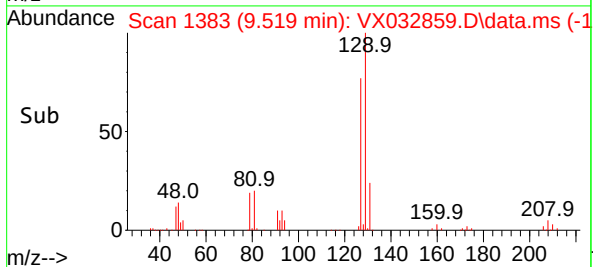
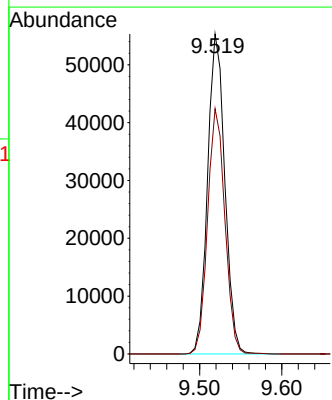
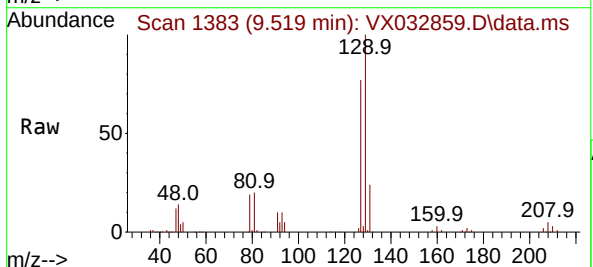
Acq: 16 Nov 2022 11:39

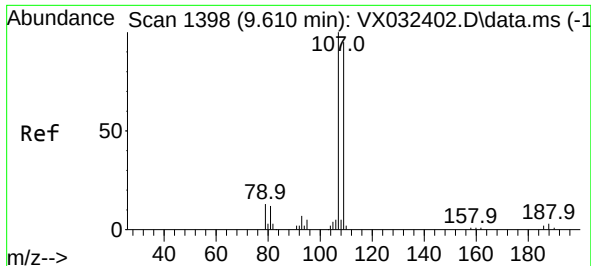
Tgt Ion:129 Resp: 80445

Ion Ratio Lower Upper

129 100

127 76.8 38.6 115.8





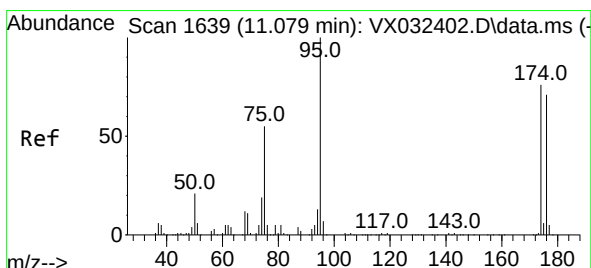
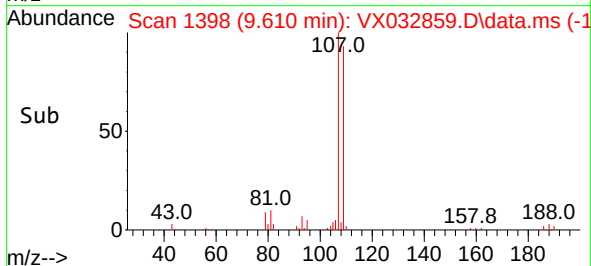
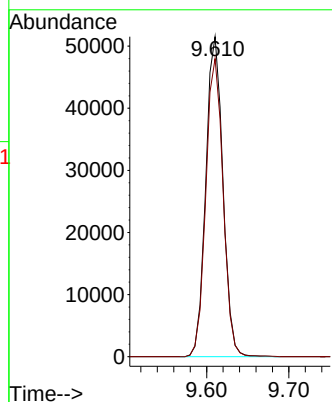
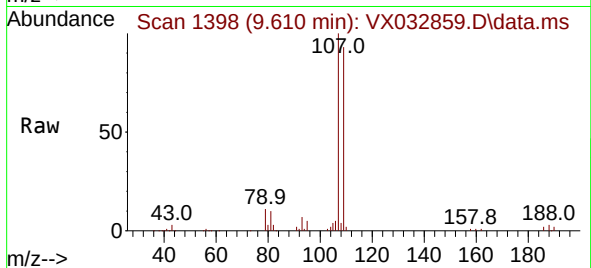
#61
1,2-Dibromoethane
Concen: 57.300 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 74284
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0

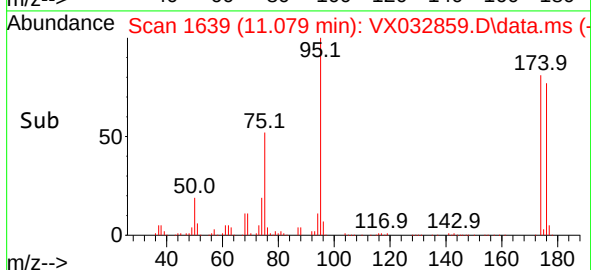
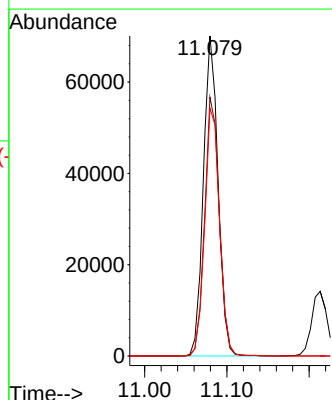
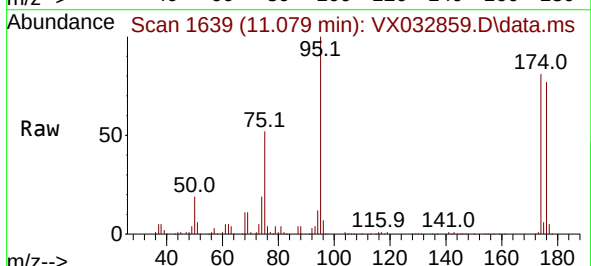
Manual Integrations
APPROVED

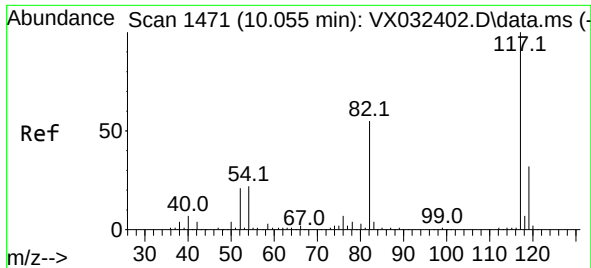
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#62
4-Bromofluorobenzene
Concen: 56.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

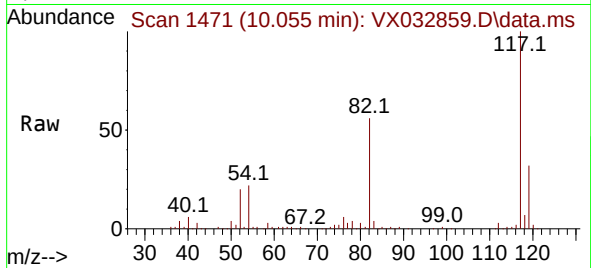
Tgt Ion: 95 Resp: 86531
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

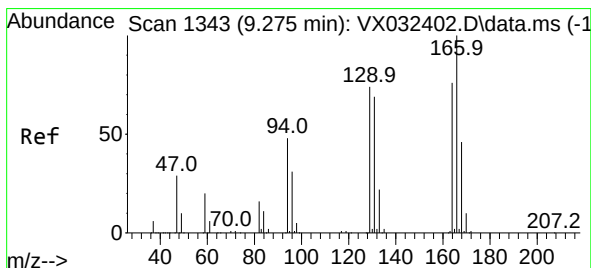
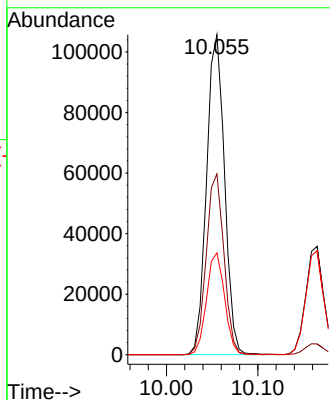
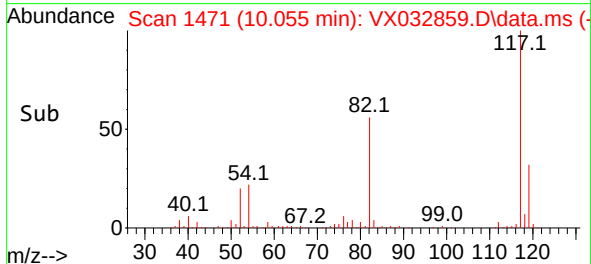
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 144180
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 31.8 25.7 38.5

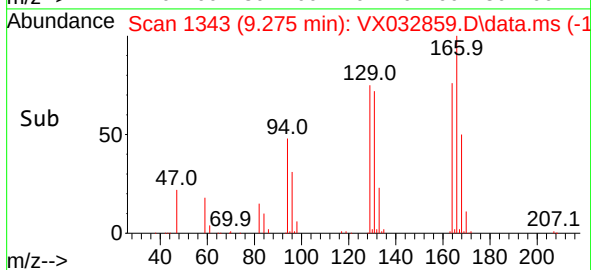
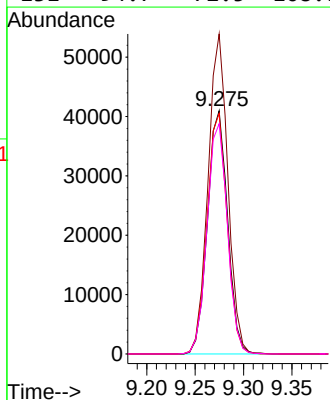
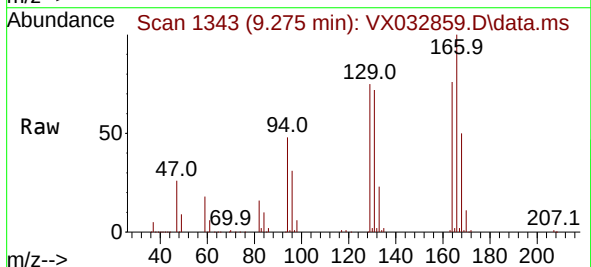
Manual Integrations
APPROVED

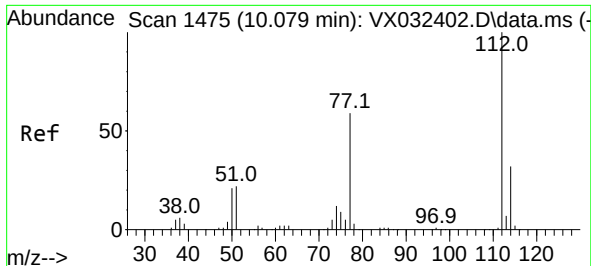
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 56.295 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:164 Resp: 59410
Ion Ratio Lower Upper
164 100
166 131.6 105.4 158.2
129 98.9 78.2 117.2
131 94.7 72.5 108.7





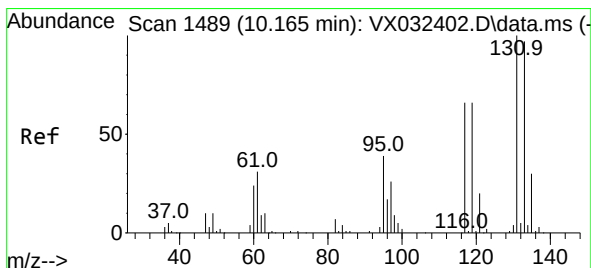
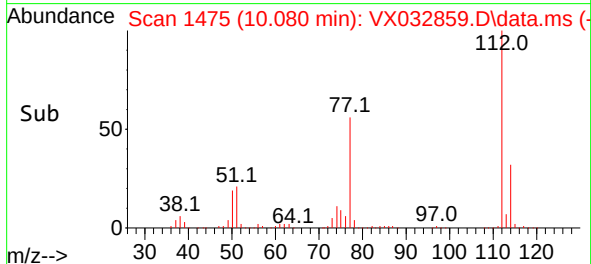
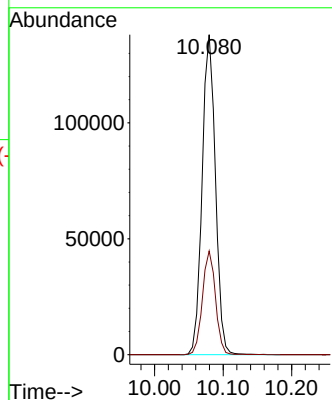
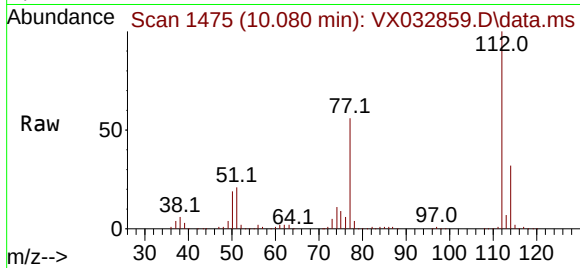
#65
Chlorobenzene
Concen: 57.770 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 18658
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

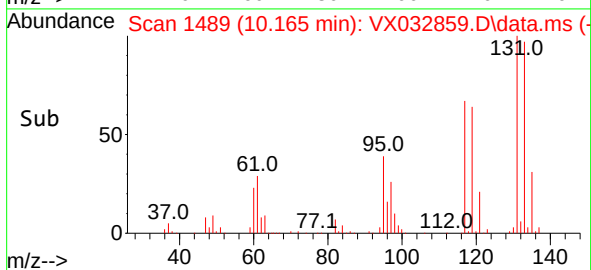
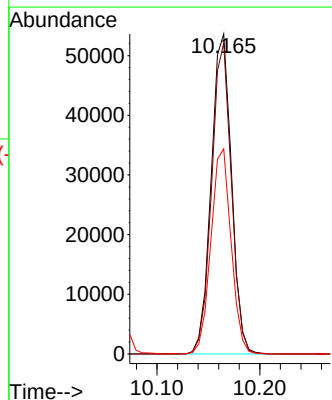
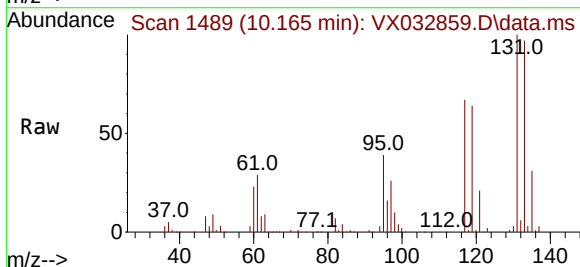
Manual Integrations
APPROVED

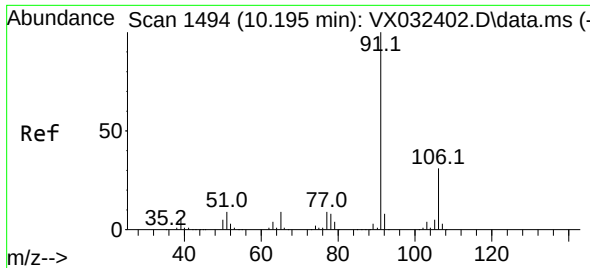
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 60.362 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:131 Resp: 73375
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 63.8 32.4 97.0





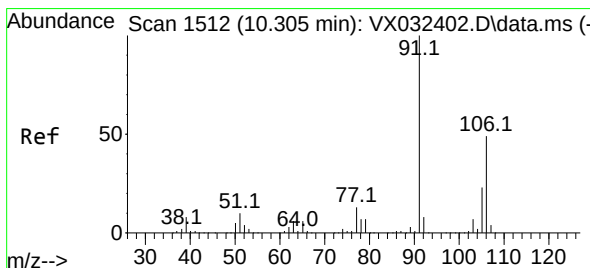
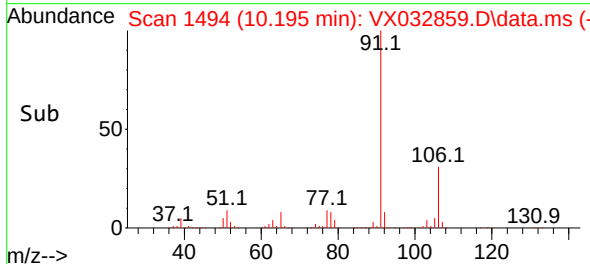
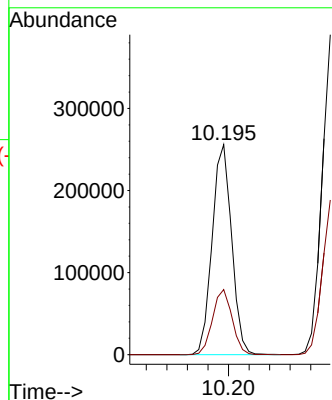
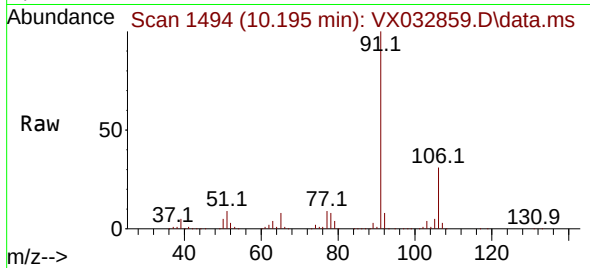
#67
Ethyl Benzene
Concen: 58.251 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33644
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6

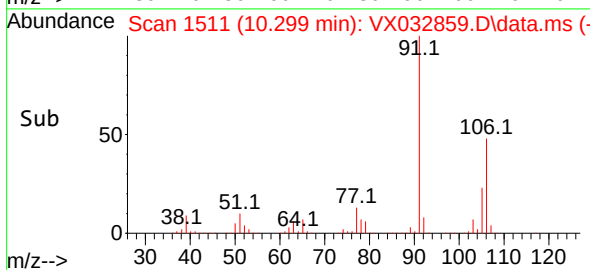
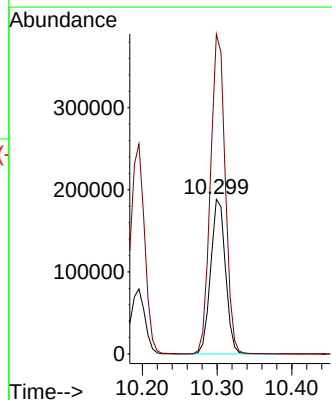
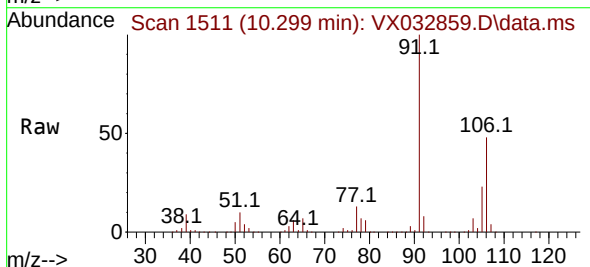
Manual Integrations
APPROVED

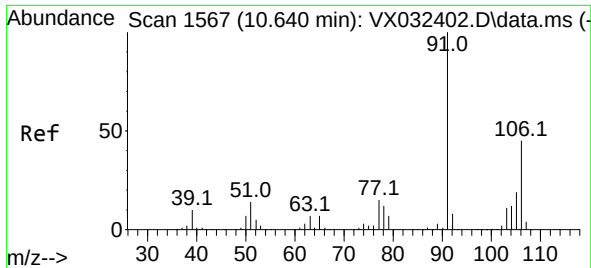
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#68
m/p-Xylenes
Concen: 115.596 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:106 Resp: 259252
Ion Ratio Lower Upper
106 100
91 206.1 164.5 246.7





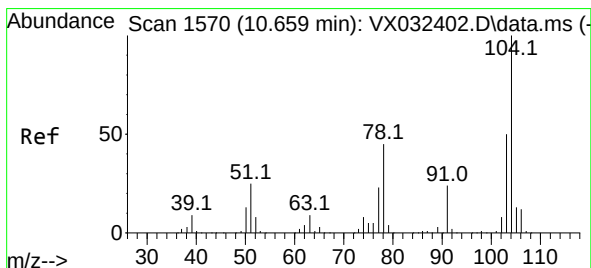
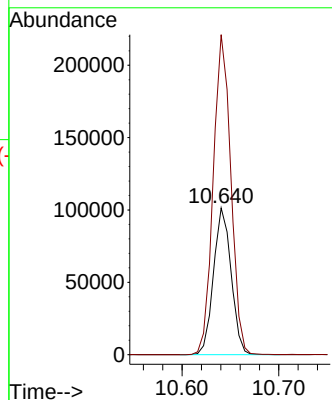
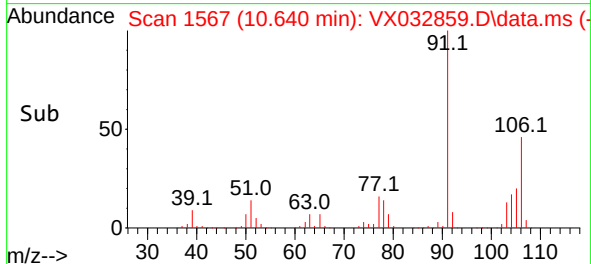
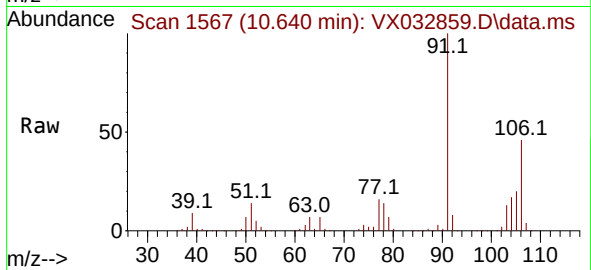
#69
o-Xylene
Concen: 58.875 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12838
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6

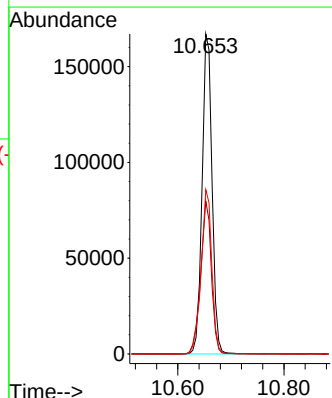
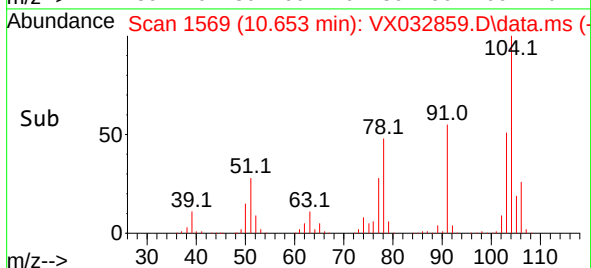
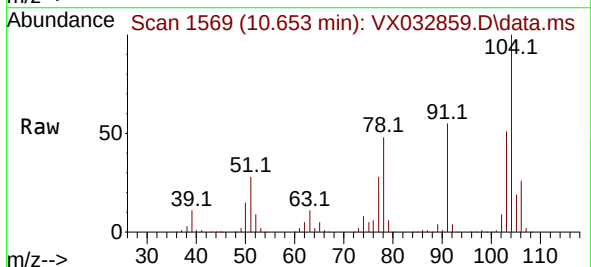
Manual Integrations
APPROVED

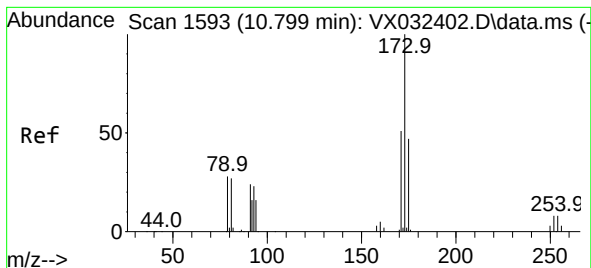
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#70
Styrene
Concen: 60.234 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:104 Resp: 218283
Ion Ratio Lower Upper
104 100
78 51.7 41.8 62.8
103 55.1 44.5 66.7





#71

Bromoform

Concen: 58.558 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

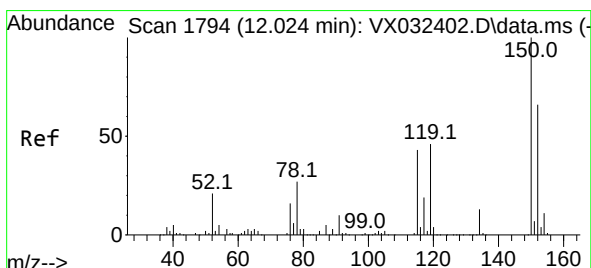
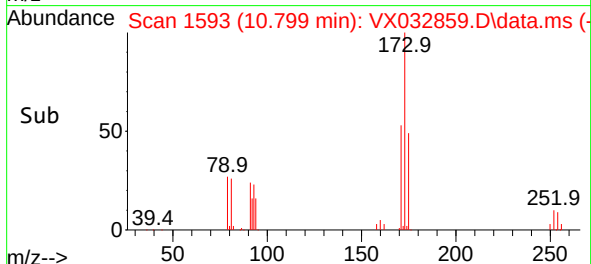
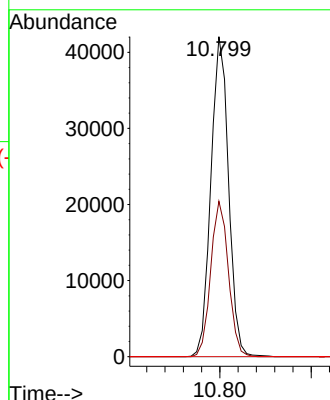
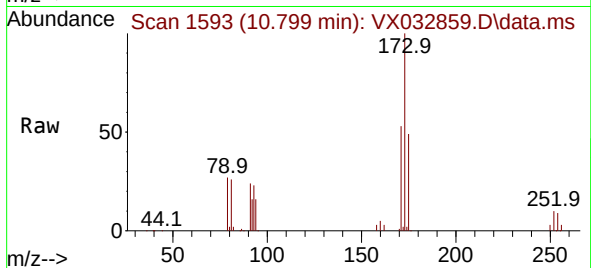
Tgt Ion:173 Resp: 56280
 Ion Ratio Lower Upper
 173 100
 175 48.7 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

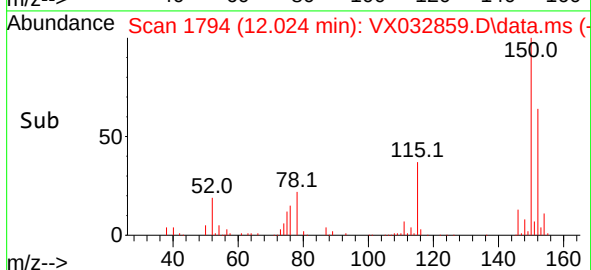
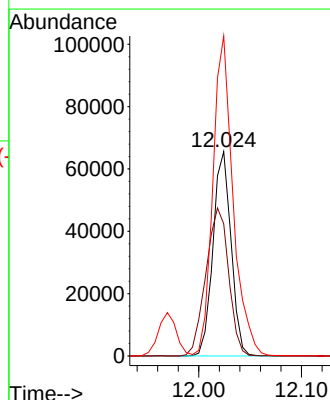
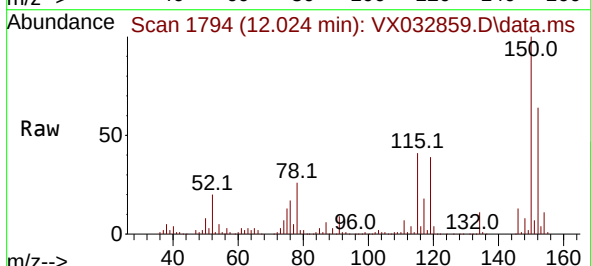
RT: 12.024 min Scan# 1794

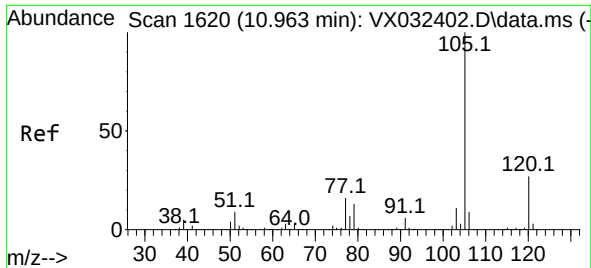
Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

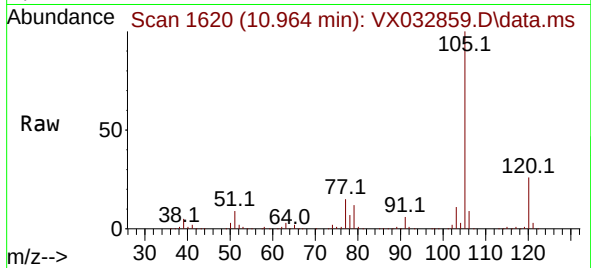
Tgt Ion:152 Resp: 79714
 Ion Ratio Lower Upper
 152 100
 115 91.7 44.0 132.0
 150 175.6 0.0 351.8





#73
Isopropylbenzene
Concen: 55.716 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

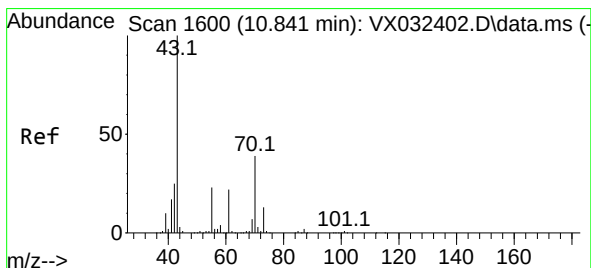
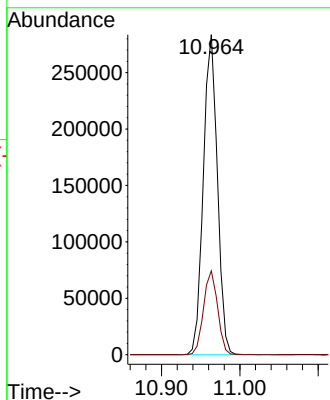
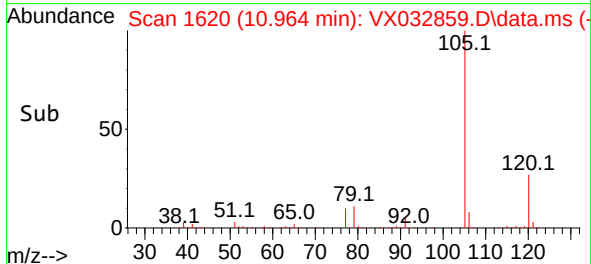
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



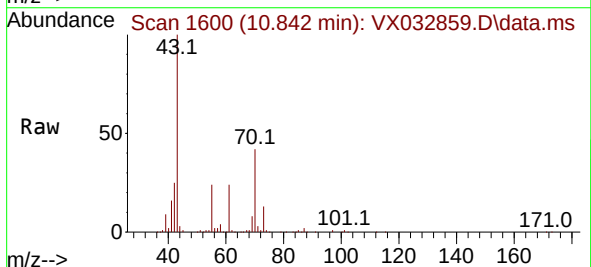
Tgt Ion:105 Resp: 351940
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

Manual Integrations
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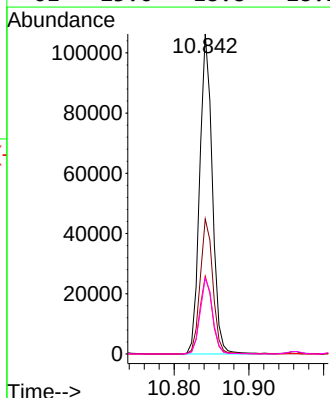
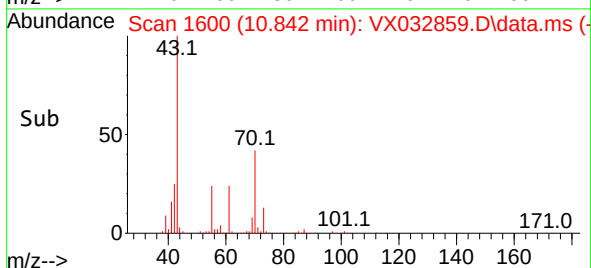
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

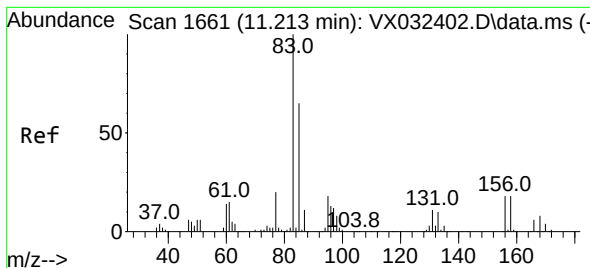


#74
N-ethyl acetate
Concen: 52.166 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion: 43 Resp: 124504
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 24.0 19.4 29.2
61 23.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.676 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 104770

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

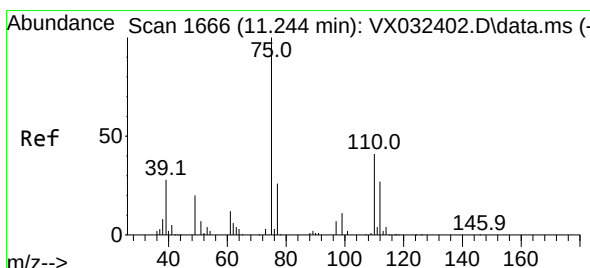
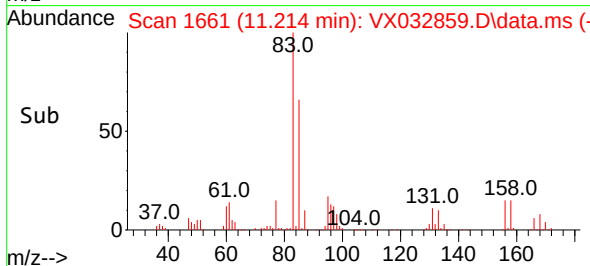
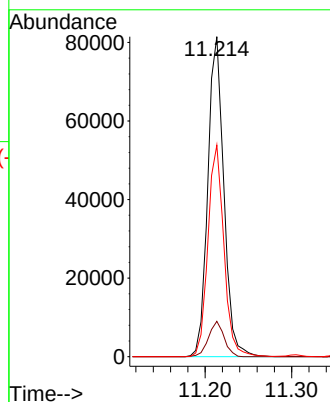
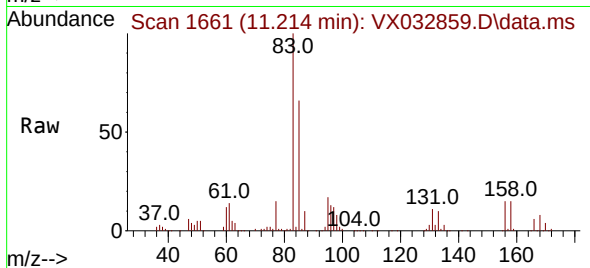
85 65.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#76

1,2,3-Trichloropropane

Concen: 46.928 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX032859.D

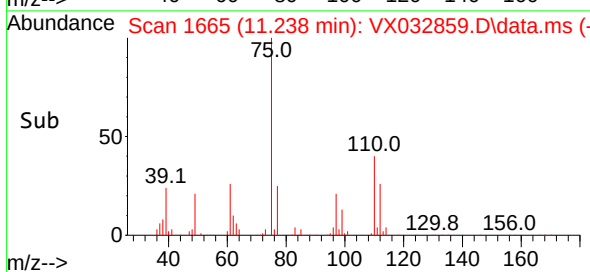
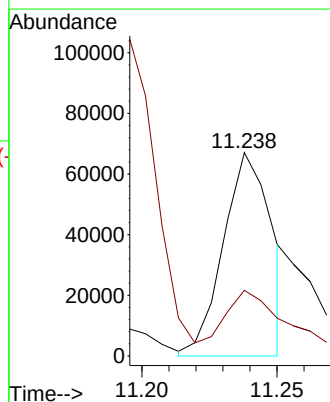
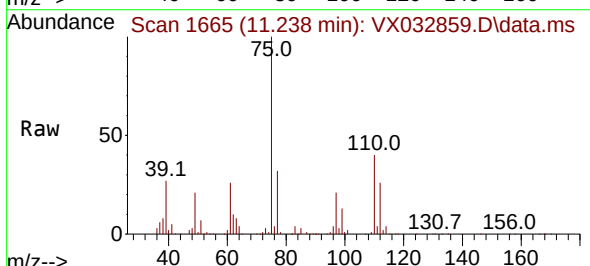
Acq: 16 Nov 2022 11:39

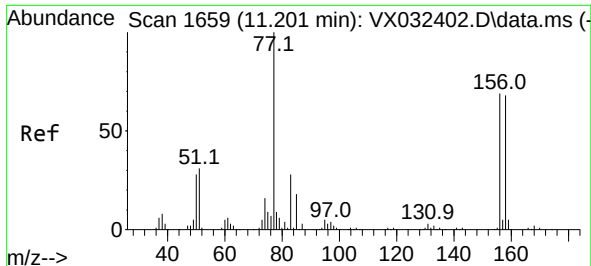
Tgt Ion: 75 Resp: 83224

Ion Ratio Lower Upper

75 100

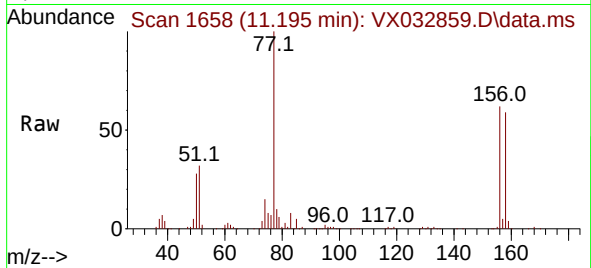
77 42.9 20.0 60.0





#77
Bromobenzene
Concen: 55.684 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

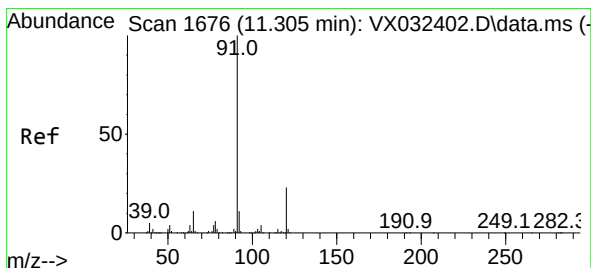
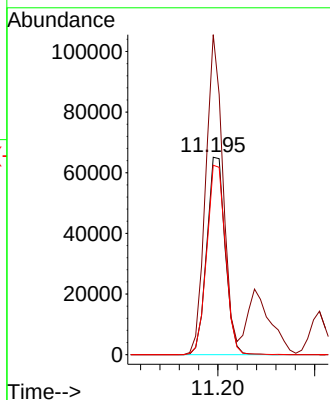
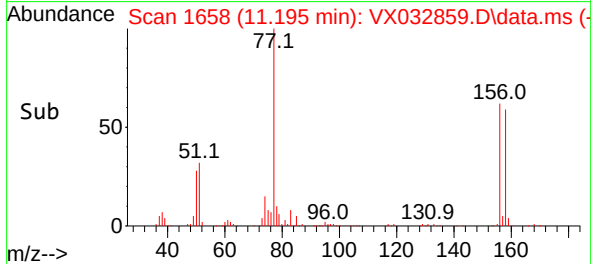
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



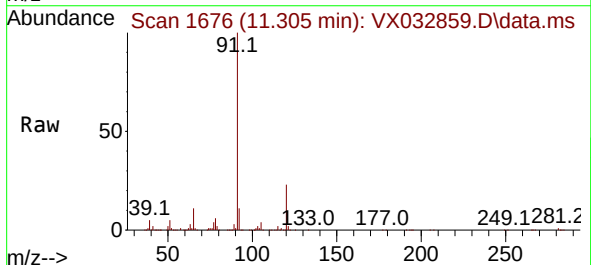
Tgt Ion:156 Resp: 8623
Ion Ratio Lower Upper
156 100
77 151.9 76.1 228.4
158 97.6 48.8 146.3

Manual Integrations
APPROVED

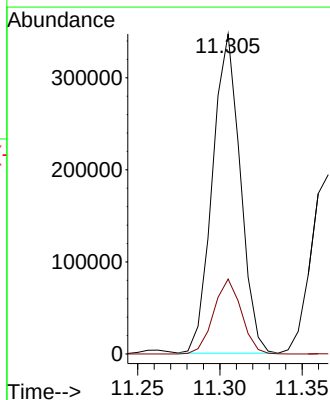
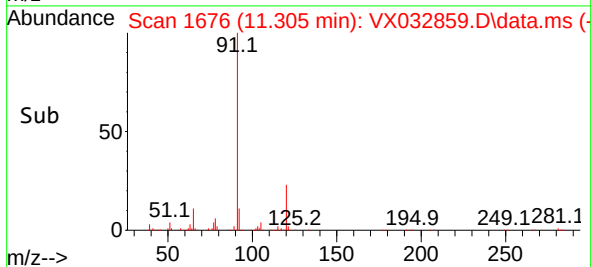
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

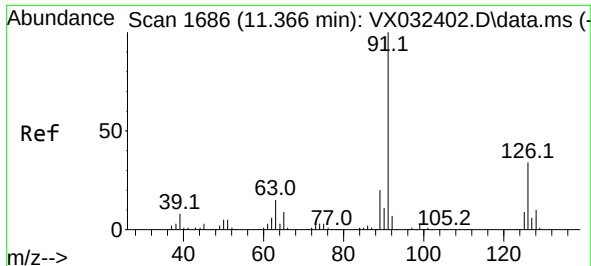


#78
n-propylbenzene
Concen: 56.009 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



Tgt Ion: 91 Resp: 407619
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





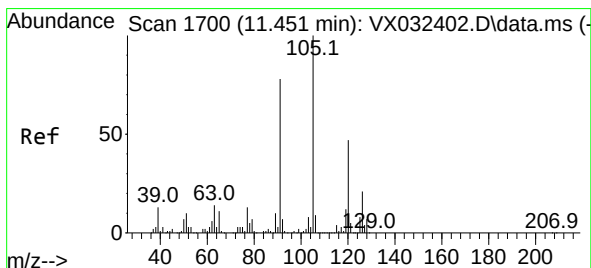
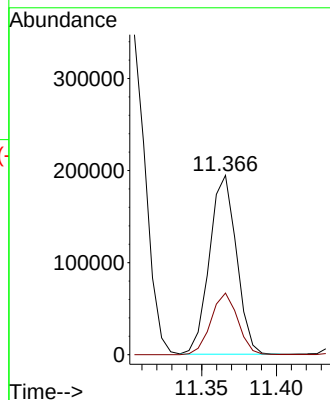
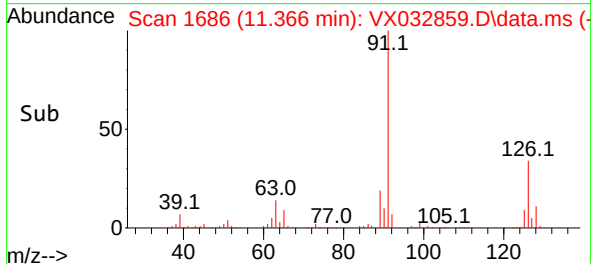
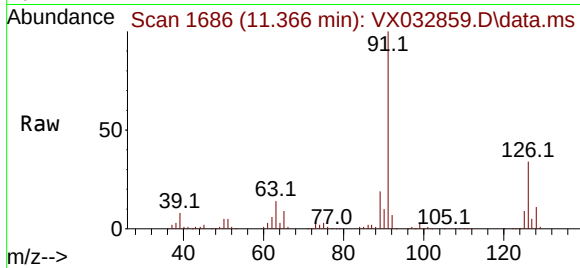
#79
2-Chlorotoluene
Concen: 55.955 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 243870
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

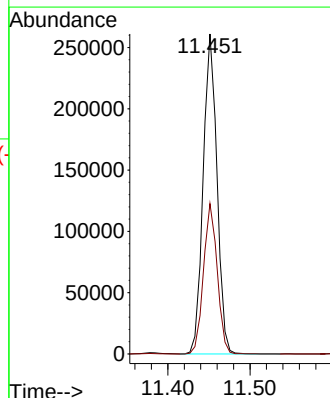
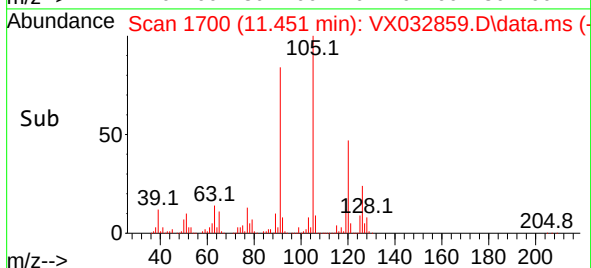
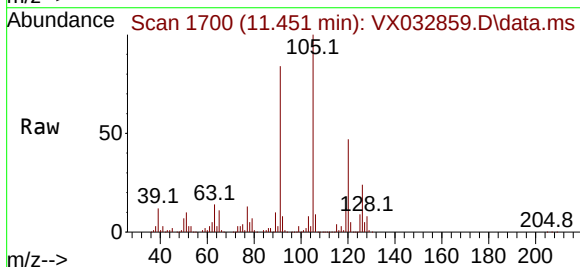
Manual Integrations
APPROVED

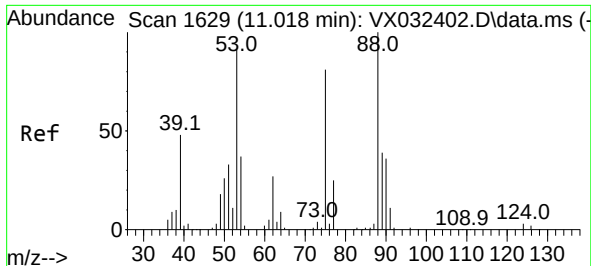
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.436 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:105 Resp: 304677
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





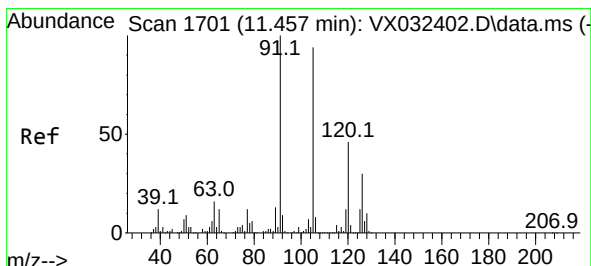
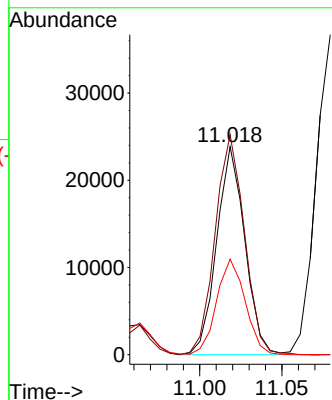
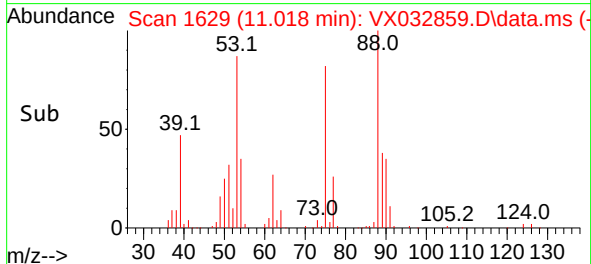
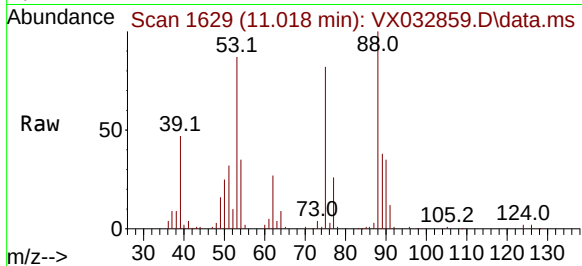
#81
trans-1,4-Dichloro-2-butene
Concen: 50.853 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
53 110.1 86.9 130.3
89 46.6 38.3 57.5

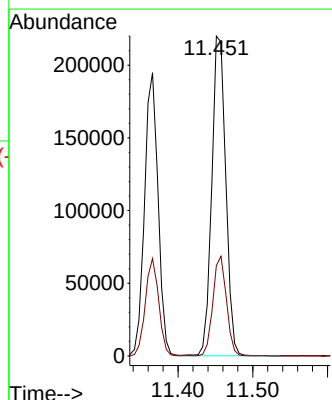
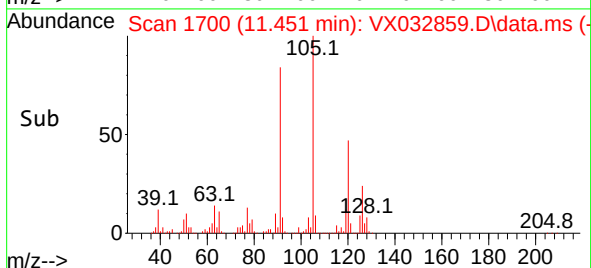
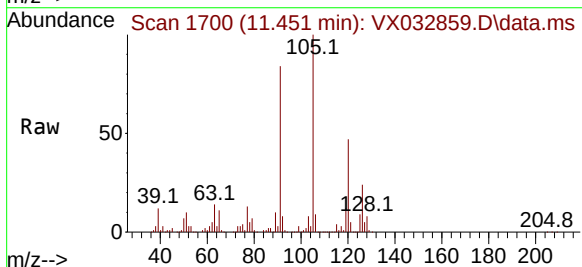
Manual Integrations
APPROVED

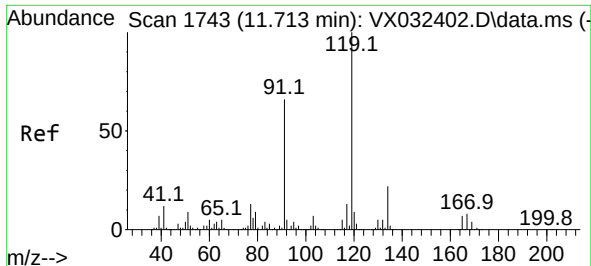
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#82
4-Chlorotoluene
Concen: 56.118 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

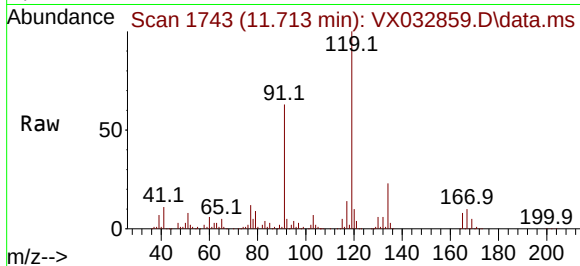
Tgt Ion: 91 Resp: 286202
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 56.187 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

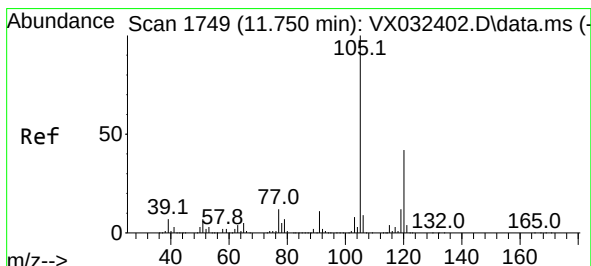
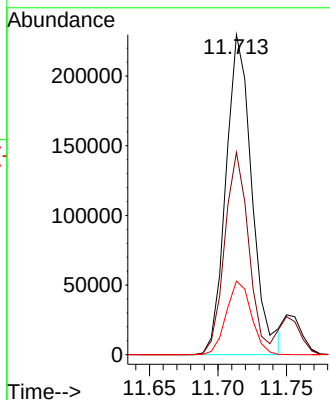
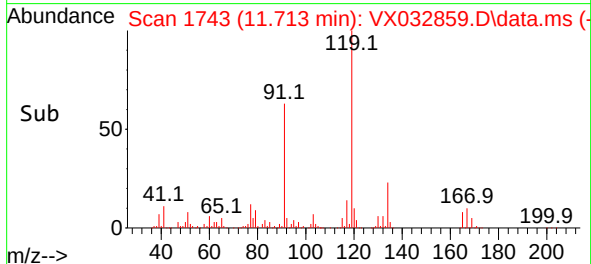
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



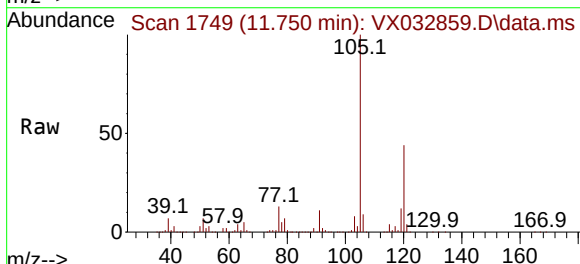
Tgt Ion:119 Resp: 30283
Ion Ratio Lower Upper
119 100
91 58.6 29.4 88.2
134 22.2 11.0 33.0

Manual Integrations
APPROVED

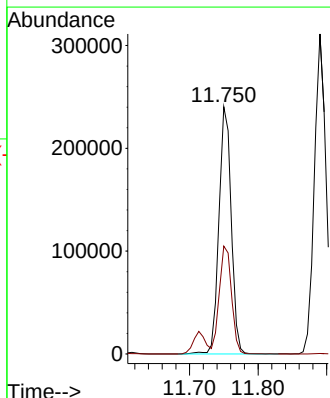
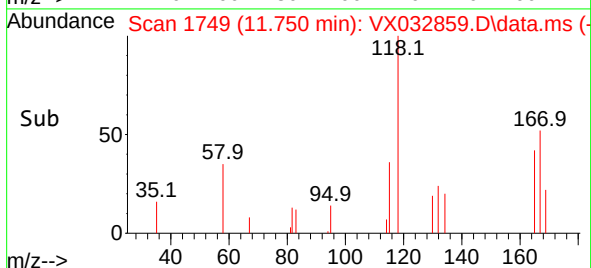
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

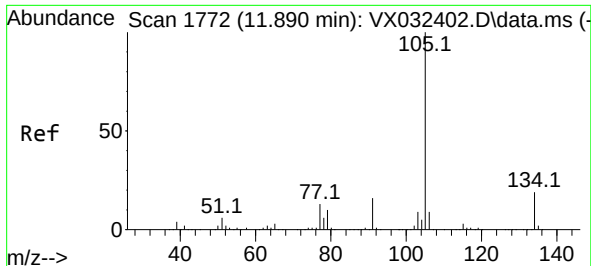


#84
1,2,4-Trimethylbenzene
Concen: 55.358 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39



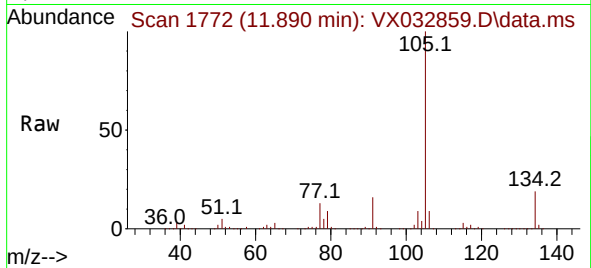
Tgt Ion:105 Resp: 297245
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 56.948 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39

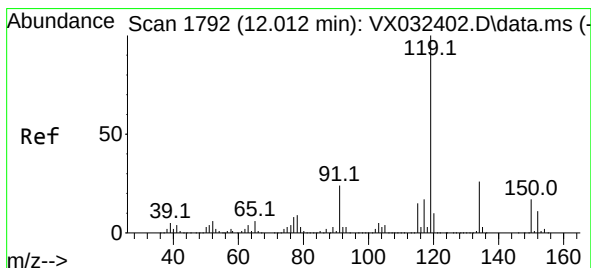
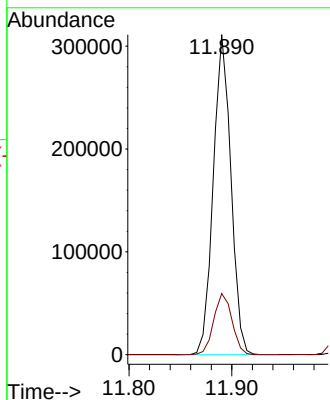
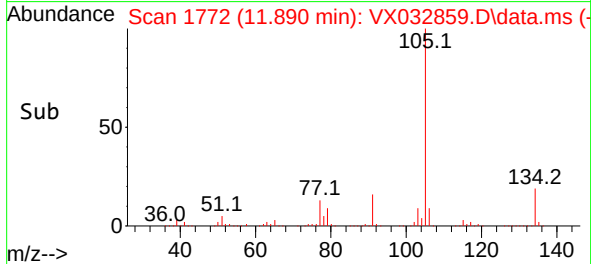
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



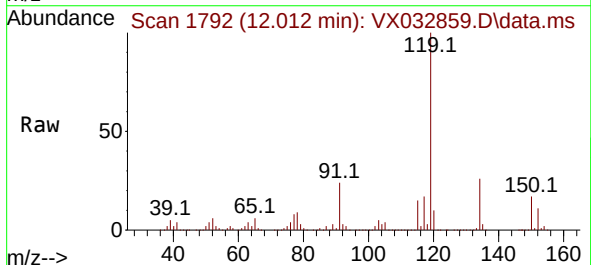
Tgt Ion:105 Resp: 369332
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

Manual Integrations
 APPROVED

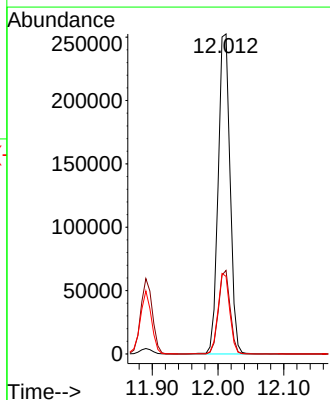
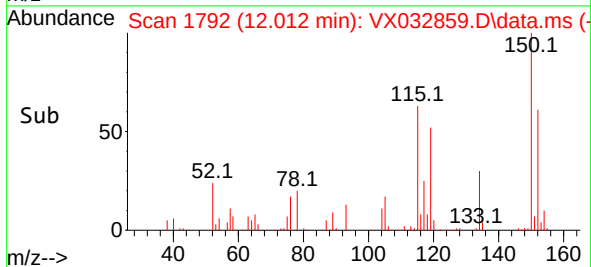
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

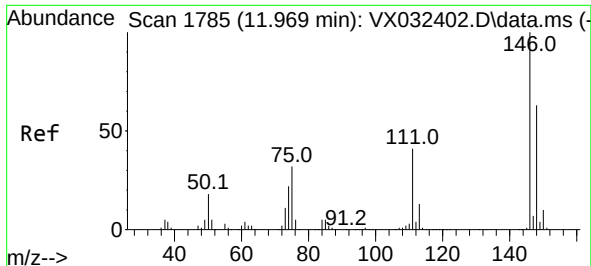


#86
 p-Isopropyltoluene
 Concen: 57.713 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39



Tgt Ion:119 Resp: 317597
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 56.186 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 164129

Ion Ratio Lower Upper

146 100

111 41.2 20.6 61.8

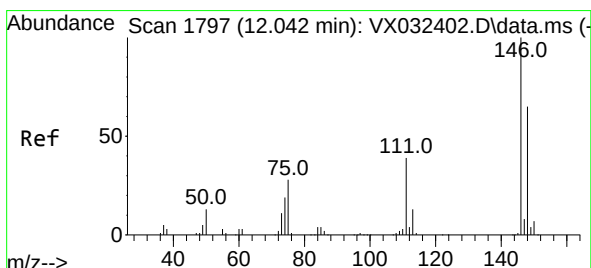
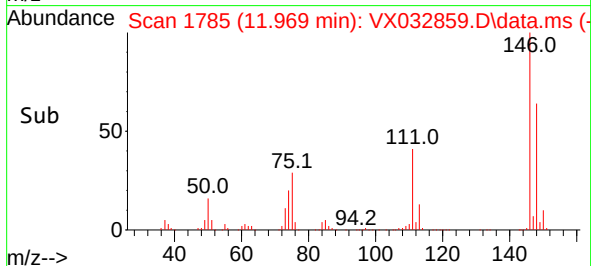
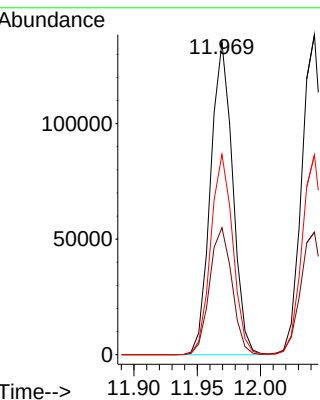
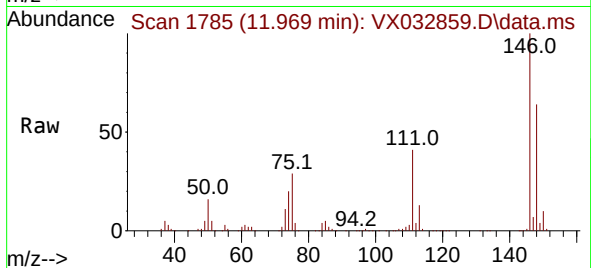
148 64.1 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 55.480 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

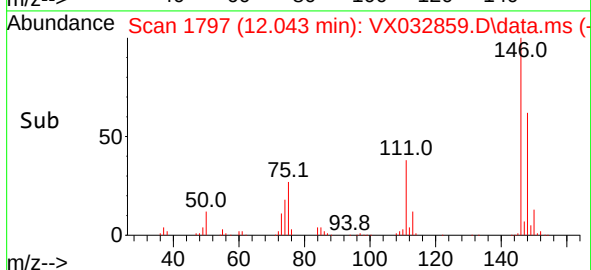
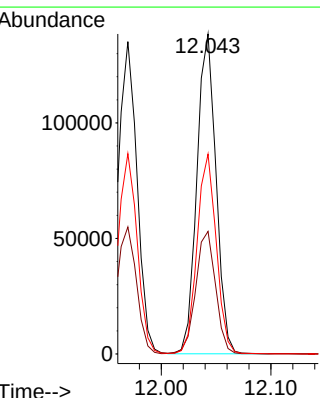
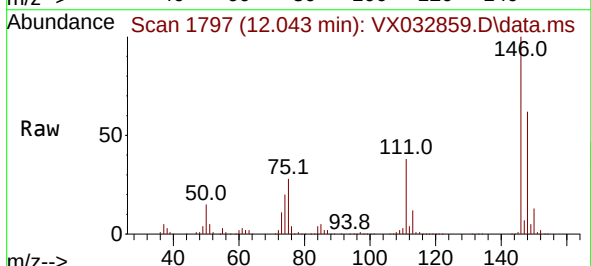
Tgt Ion:146 Resp: 168132

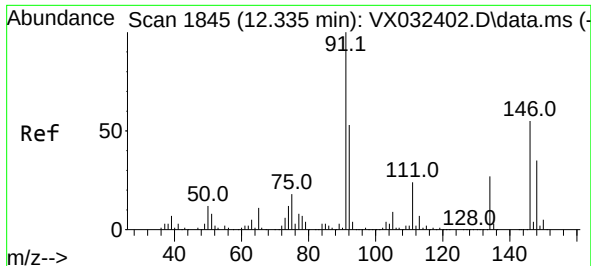
Ion Ratio Lower Upper

146 100

111 39.7 20.5 61.6

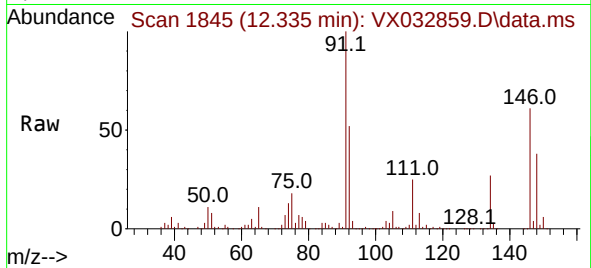
148 62.8 32.2 96.6





#89
n-Butylbenzene
Concen: 57.476 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

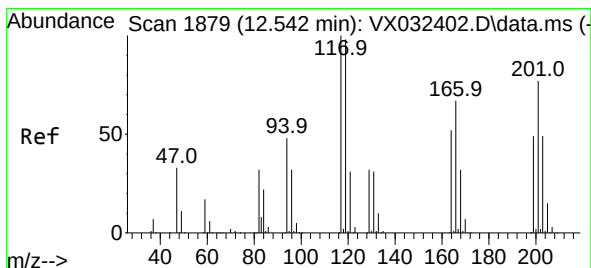
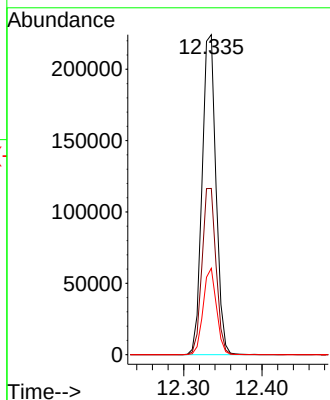
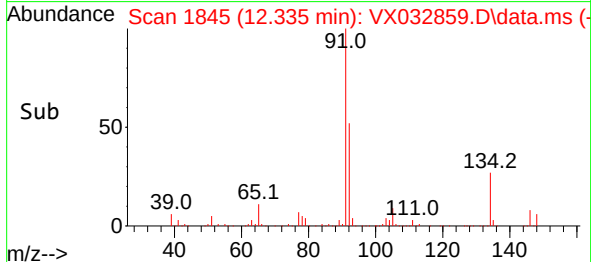
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 275168
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.6
134 26.0 12.9 38.6

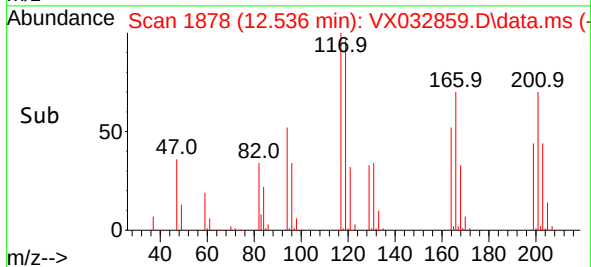
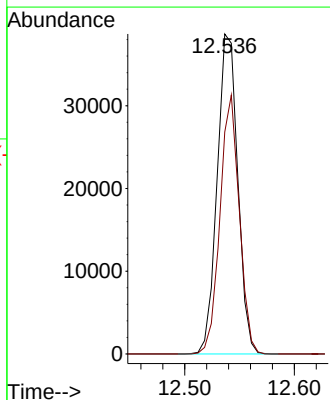
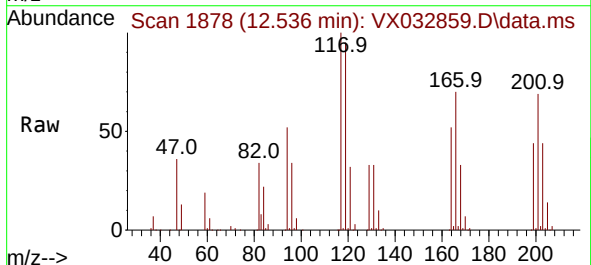
Manual Integrations
APPROVED

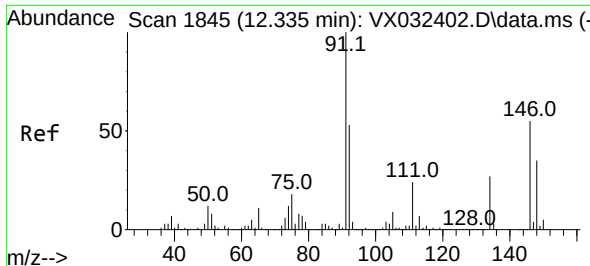
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#90
Hexachloroethane
Concen: 56.203 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:117 Resp: 50519
Ion Ratio Lower Upper
117 100
201 75.8 37.6 112.9





#91
 1,2-Dichlorobenzene
 Concen: 56.657 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

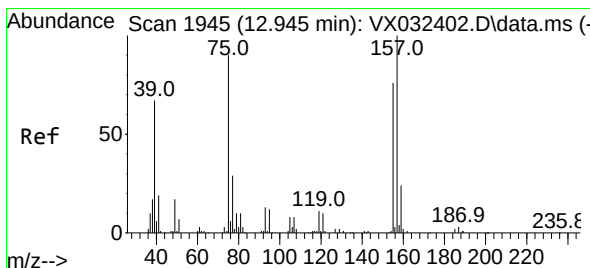
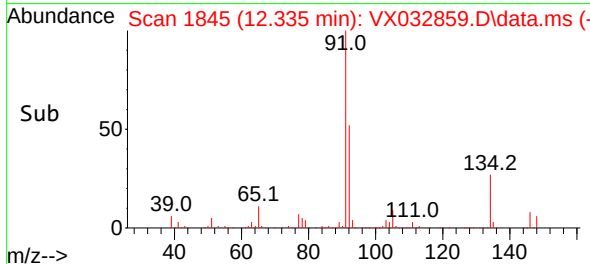
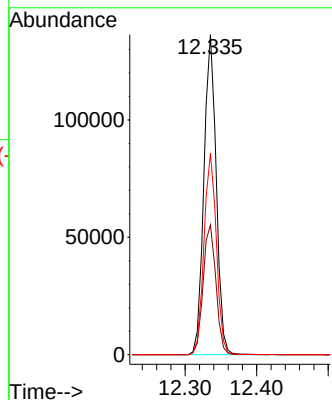
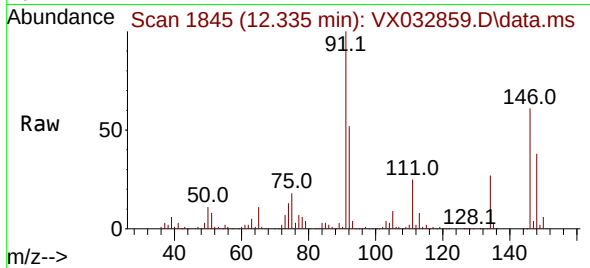
VSTDCCC050

Tgt Ion:146 Resp: 163194
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.5 64.5
 148 63.5 32.0 96.2

Manual Integrations

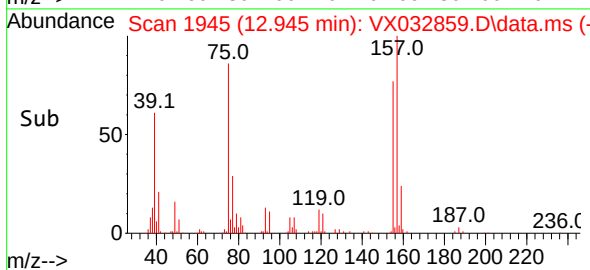
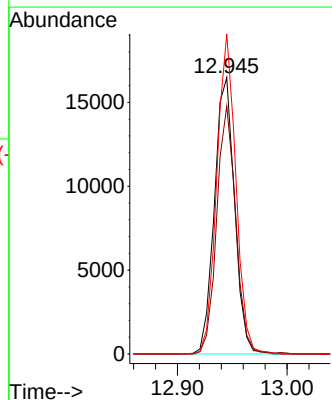
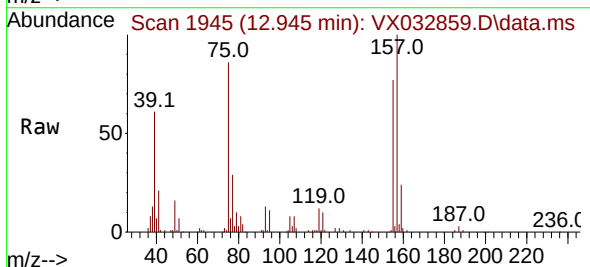
APPROVED

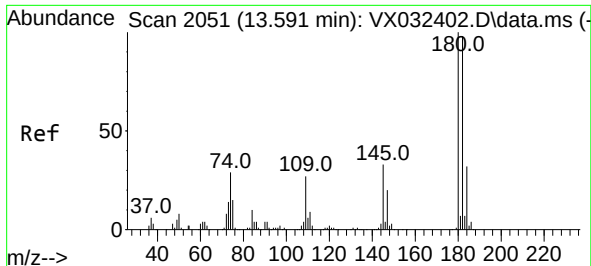
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.326 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.000 min
 Lab File: VX032859.D
 Acq: 16 Nov 2022 11:39

Tgt Ion: 75 Resp: 21039
 Ion Ratio Lower Upper
 75 100
 155 85.1 41.6 124.8
 157 109.8 54.1 162.4





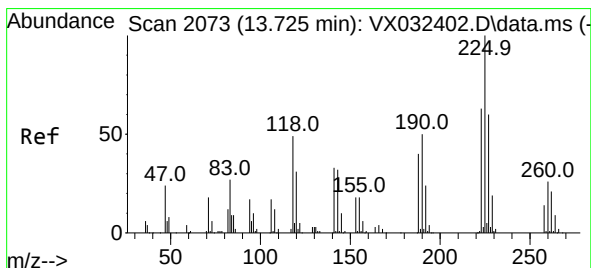
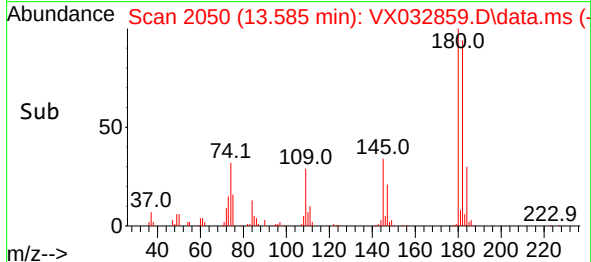
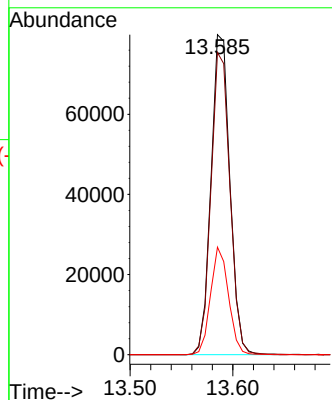
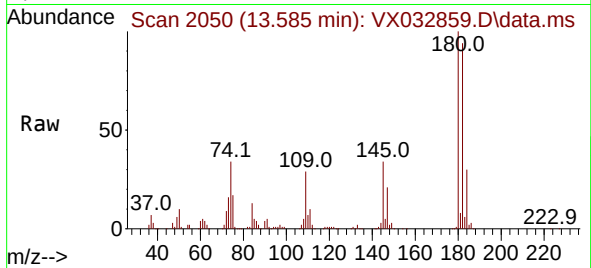
#93
1,2,4-Trichlorobenzene
Concen: 54.224 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 10183
Ion Ratio Lower Upper
180 100
182 95.1 48.4 145.0
145 32.0 16.2 48.5

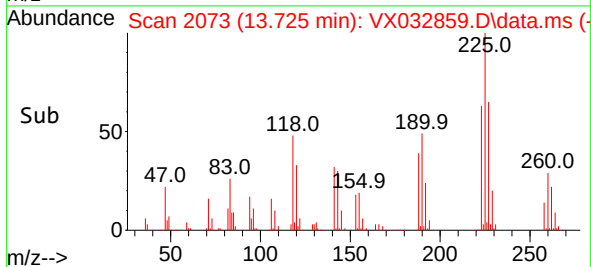
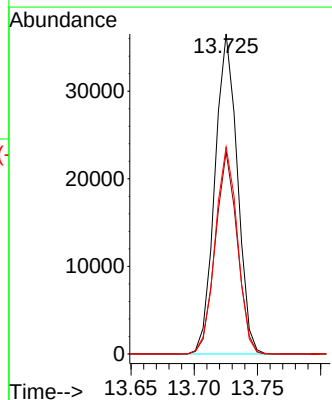
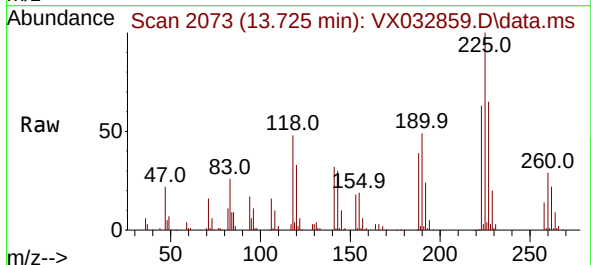
Manual Integrations
APPROVED

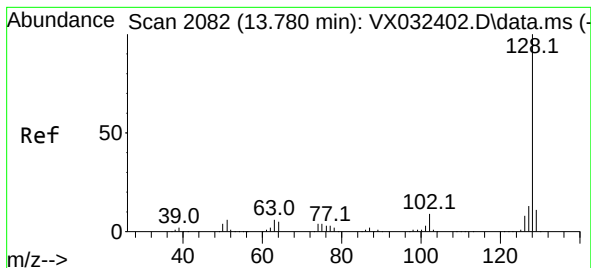
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#94
Hexachlorobutadiene
Concen: 57.398 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032859.D
Acq: 16 Nov 2022 11:39

Tgt Ion:225 Resp: 45021
Ion Ratio Lower Upper
225 100
223 61.9 31.9 95.9
227 63.9 31.9 95.5





#95

Naphthalene

Concen: 51.168 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 320209

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

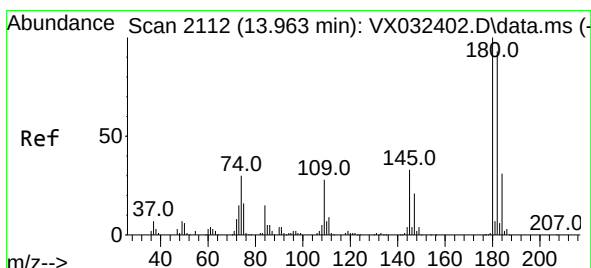
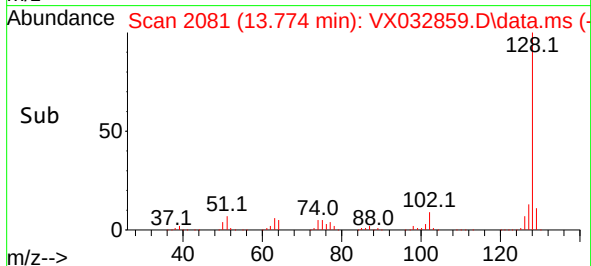
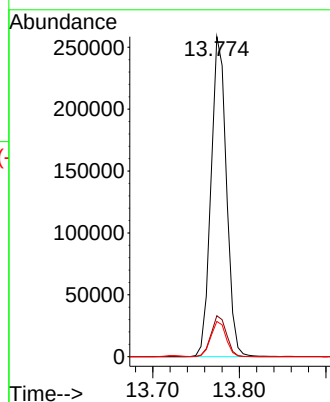
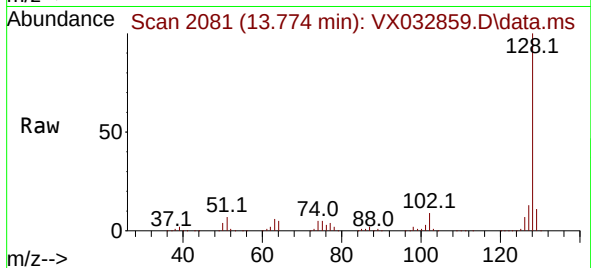
129 10.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#96

1,2,3-Trichlorobenzene

Concen: 53.559 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX032859.D

Acq: 16 Nov 2022 11:39

Tgt Ion:180 Resp: 102251

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 34.1 16.9 50.6

