

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031862.D
 Acq On : 04 Oct 2022 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 06:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119440	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	163477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180079	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89299	41.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.460%		
35) Dibromofluoromethane	5.385	113	94620	48.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	338708	48.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	125624	50.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	82703	53.561	ug/l	98
3) Chloromethane	1.288	50	64733	39.991	ug/l	100
4) Vinyl Chloride	1.374	62	86825	42.109	ug/l	98
5) Bromomethane	1.611	94	65397	49.217	ug/l	97
6) Chloroethane	1.685	64	82491	46.796	ug/l	98
7) Trichlorofluoromethane	1.886	101	175019	41.593	ug/l	97
8) Diethyl Ether	2.130	74	55659	49.687	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	89878	49.444	ug/l #	84
10) Methyl Iodide	2.453	142	88479	51.852	ug/l	97
11) Tert butyl alcohol	3.007	59	69336	232.739	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	81427	48.784	ug/l #	77
13) Acrolein	2.239	56	38314	217.226	ug/l	99
14) Allyl chloride	2.660	41	93218	43.752	ug/l #	91
15) Acrylonitrile	3.062	53	173570	223.046	ug/l	97
16) Acetone	2.392	43	122671	246.960	ug/l	91
17) Carbon Disulfide	2.508	76	193440	50.214	ug/l	98
18) Methyl Acetate	2.703	43	90244	45.085	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	258280	47.531	ug/l	94
20) Methylene Chloride	2.788	84	87317	46.644	ug/l #	76
21) trans-1,2-Dichloroethene	3.087	96	93532	47.799	ug/l #	82
22) Diisopropyl ether	3.757	45	201259	44.549	ug/l #	92
23) Vinyl Acetate	3.721	43	798192	236.195	ug/l #	86
24) 1,1-Dichloroethane	3.605	63	135961	44.781	ug/l	95
25) 2-Butanone	4.562	43	209957	213.831	ug/l #	80
26) 2,2-Dichloropropane	4.471	77	120951	46.663	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	109565	48.156	ug/l	77
28) Bromochloromethane	4.891	49	51904	42.300	ug/l #	37
29) Tetrahydrofuran	5.007	42	135610	223.685	ug/l #	74
30) Chloroform	5.086	83	166844	45.936	ug/l	97
31) Cyclohexane	5.464	56	115954	45.499	ug/l #	78
32) 1,1,1-Trichloroethane	5.379	97	156909	45.524	ug/l #	93
36) 1,1-Dichloropropene	5.690	75	120108	49.872	ug/l	92
37) Ethyl Acetate	4.715	43	87129	47.794	ug/l #	92
38) Carbon Tetrachloride	5.672	117	149519	50.011	ug/l	97
39) Methylcyclohexane	7.379	83	156784	53.066	ug/l #	85
40) Benzene	6.037	78	350011	50.308	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45015	45.441	ug/l #	82
42) 1,2-Dichloroethane	6.080	62	115465	47.373	ug/l	91
43) Isopropyl Acetate	6.336	43	143185	48.577	ug/l #	88
44) Trichloroethene	7.123	130	121987	54.272	ug/l	83
45) 1,2-Dichloropropane	7.427	63	78388	48.093	ug/l	99
46) Dibromomethane	7.580	93	70092	51.592	ug/l #	81
47) Bromodichloromethane	7.818	83	130166	47.873	ug/l	98
48) Methyl methacrylate	7.690	41	66871	50.697	ug/l #	79
49) 1,4-Dioxane	7.702	88	44037	1030.052	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	442988	239.420	ug/l	88
52) Toluene	8.714	92	249096	51.070	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	129342	49.887	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	142395	50.120	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	100938	51.920	ug/l	93
56) Ethyl methacrylate	9.116	69	129085	57.425	ug/l #	80
57) 1,3-Dichloropropane	9.305	76	150580	49.875	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	299939	258.937	ug/l #	79
59) 2-Hexanone	9.433	43	341841	254.136	ug/l	87
60) Dibromochloromethane	9.519	129	121470	51.468	ug/l	99
61) 1,2-Dibromoethane	9.610	107	110729	51.293	ug/l	97
64) Tetrachloroethene	9.275	164	129675	57.599	ug/l	92
65) Chlorobenzene	10.079	112	291911	53.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	111690	53.143	ug/l	97
67) Ethyl Benzene	10.195	91	473473	52.678	ug/l	95
68) m/p-Xylenes	10.299	106	403982	108.871	ug/l	89
69) o-Xylene	10.640	106	196917	55.084	ug/l	89
70) Styrene	10.652	104	321989	55.414	ug/l	94
71) Bromoform	10.799	173	94947	53.721	ug/l #	100
73) Isopropylbenzene	10.963	105	511493	50.968	ug/l	98
74) N-amyl acetate	10.841	43	123788	52.666	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	137289	48.061	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118164m	45.712	ug/l	
77) Bromobenzene	11.201	156	140909	53.235	ug/l	79
78) n-propylbenzene	11.305	91	557864	50.859	ug/l	93
79) 2-Chlorotoluene	11.366	91	327142	49.360	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	434623	51.863	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	37247	49.465	ug/l	93
82) 4-Chlorotoluene	11.457	91	379342	49.587	ug/l	90
83) tert-Butylbenzene	11.713	119	439900	51.934	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	435432	52.207	ug/l	95
85) sec-Butylbenzene	11.890	105	532452	52.217	ug/l	95
86) p-Isopropyltoluene	12.012	119	484076	54.397	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	271959	54.453	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	274974	52.714	ug/l	96
89) n-Butylbenzene	12.335	91	370481	52.707	ug/l	96
90) Hexachloroethane	12.542	117	76786	47.832	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	267094	53.400	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28463	47.383	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	185211	60.502	ug/l	98
94) Hexachlorobutadiene	13.725	225	77939	61.874	ug/l	98
95) Naphthalene	13.774	128	545045	57.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180850	60.924	ug/l	98

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

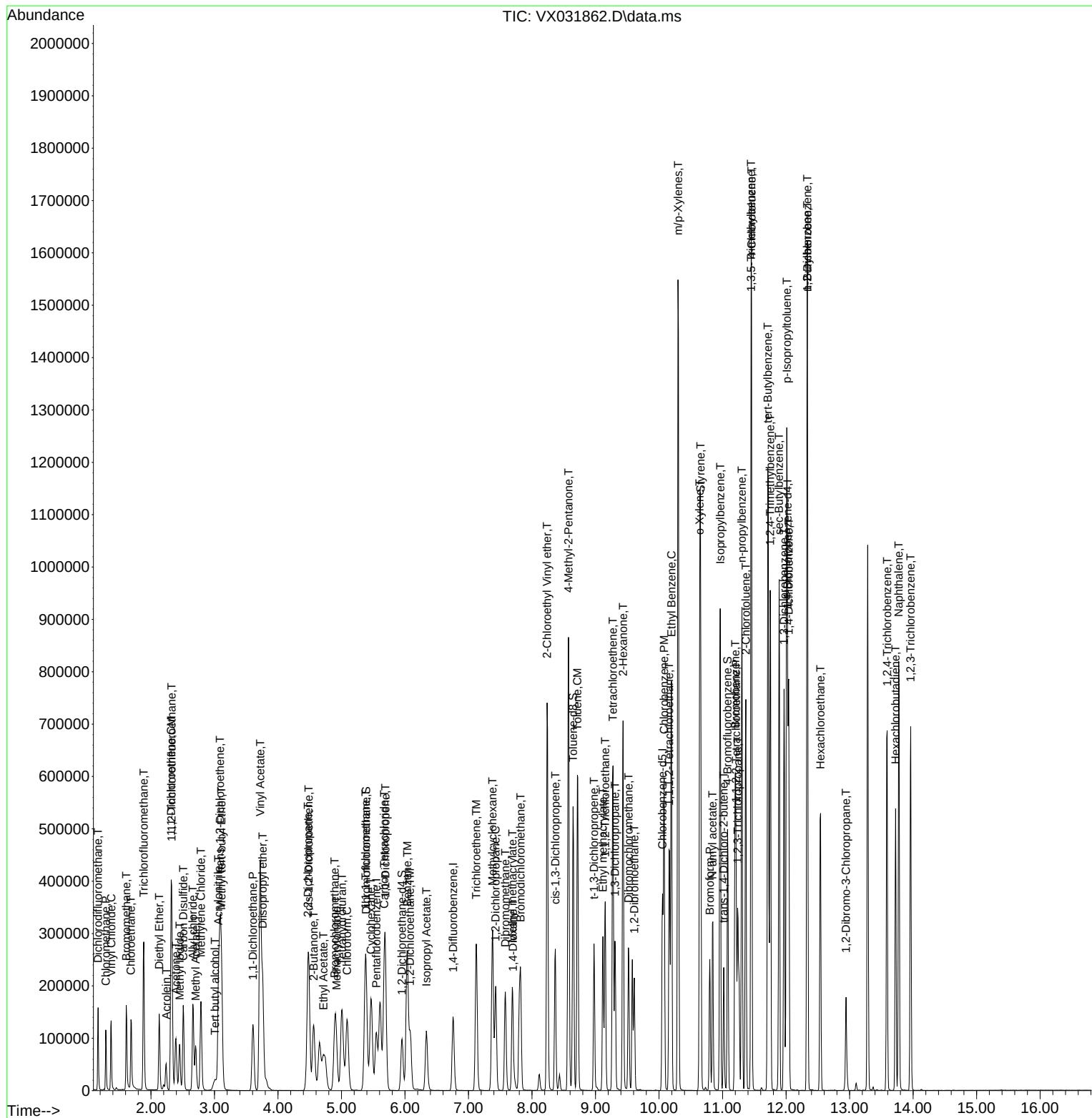
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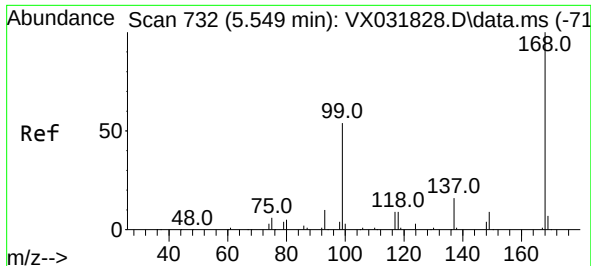
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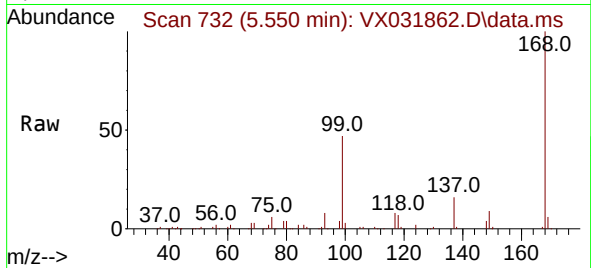
Reviewed By : John Carlone 10/05/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031862.D
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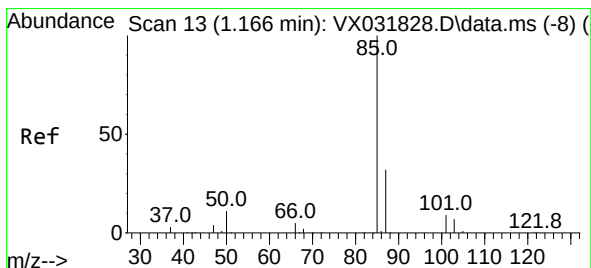
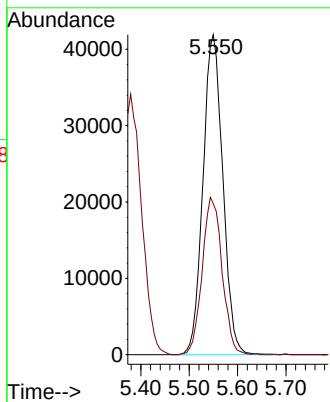
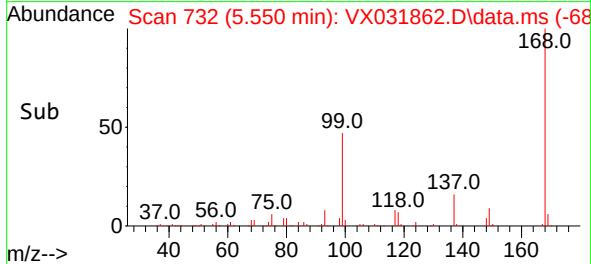
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 119440
Ion Ratio Lower Upper
168 100
99 47.2 48.8 73.2

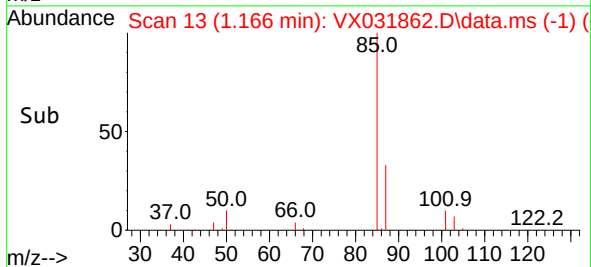
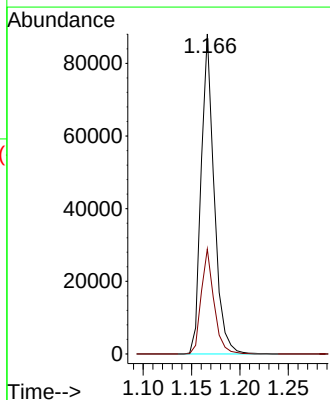
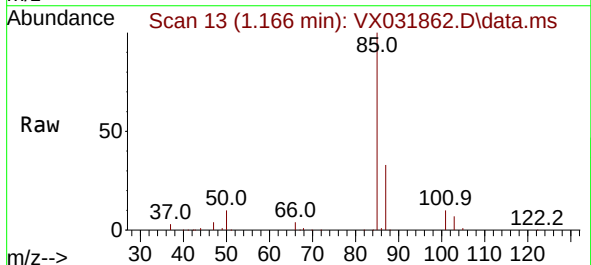
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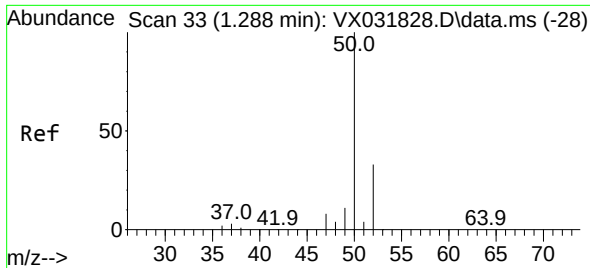
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#2
Dichlorodifluoromethane
Concen: 53.561 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion: 85 Resp: 82703
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





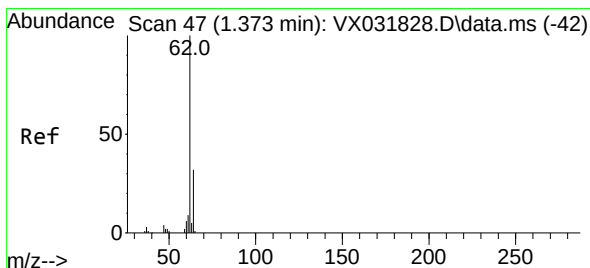
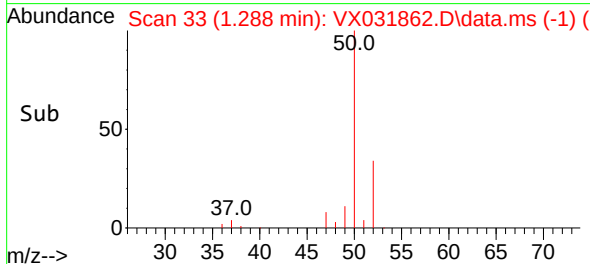
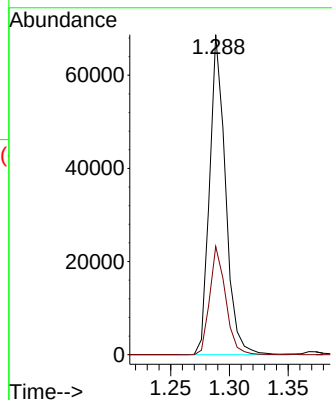
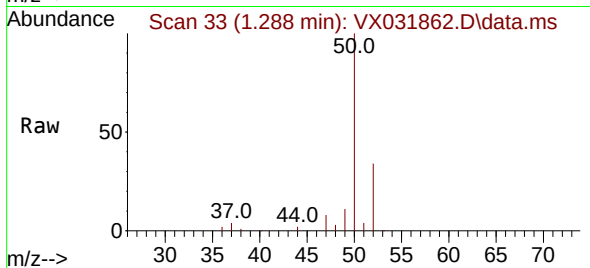
#3
Chloromethane
Concen: 39.991 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 64733
Ion Ratio Lower Upper
50 100
52 33.9 26.9 40.3

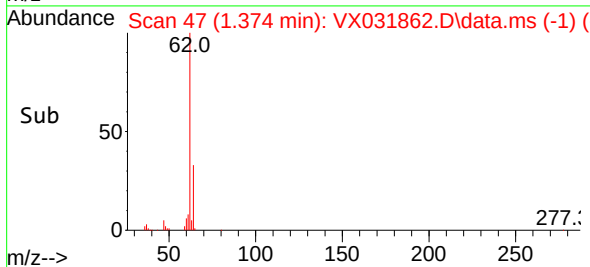
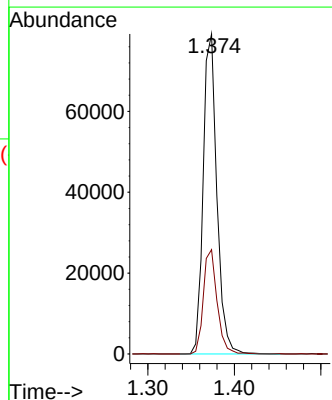
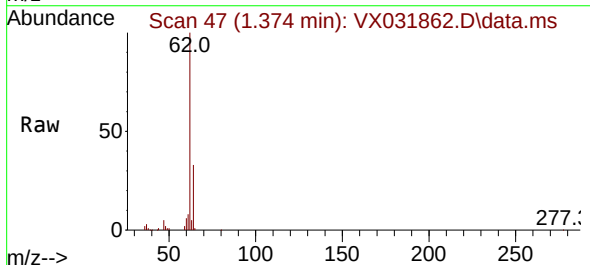
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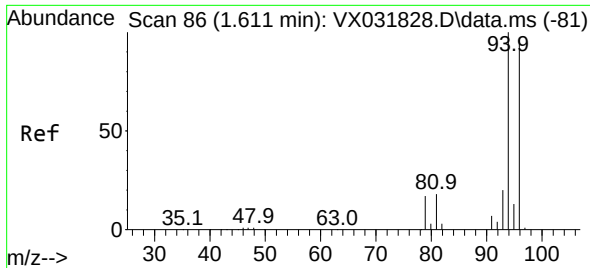
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#4
Vinyl Chloride
Concen: 42.109 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

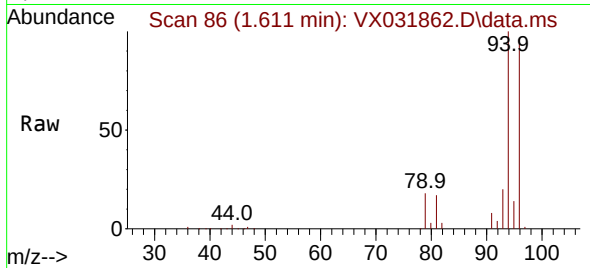
Tgt Ion: 62 Resp: 86825
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





#5
Bromomethane
Concen: 49.217 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

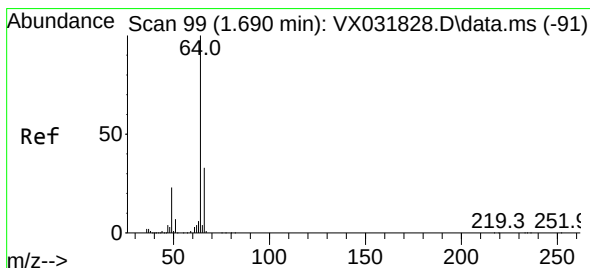
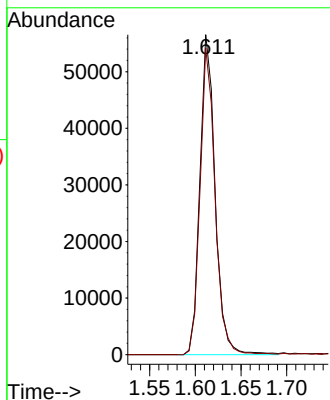
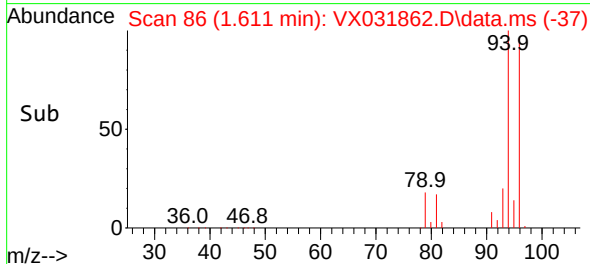
Instrument :
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Tgt Ion: 94 Resp: 65397
Ion Ratio Lower Upper
94 100
96 95.8 74.4 111.6

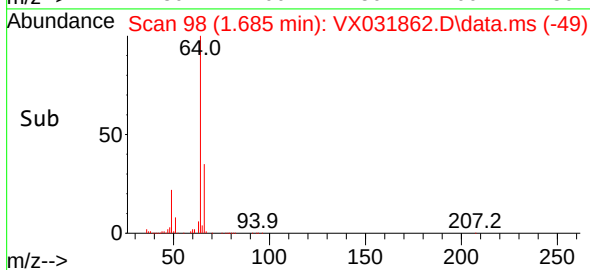
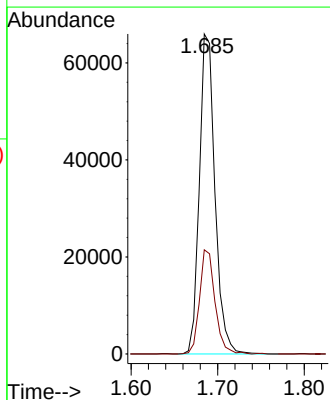
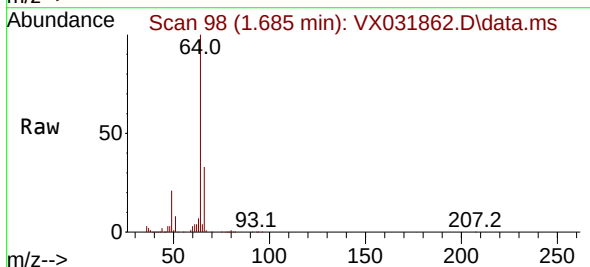
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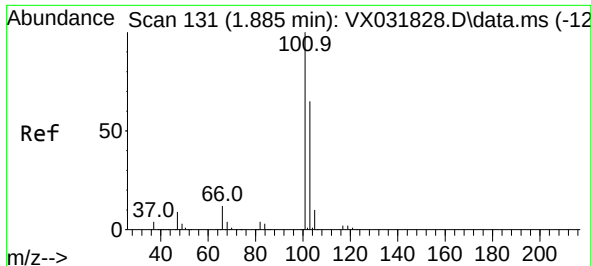
Reviewed By :John Carlone 10/05/2022
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#6
Chloroethane
Concen: 46.796 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion: 64 Resp: 82491
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4





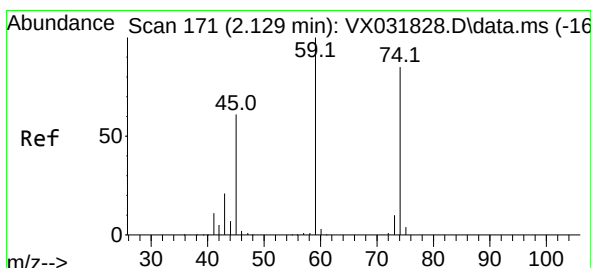
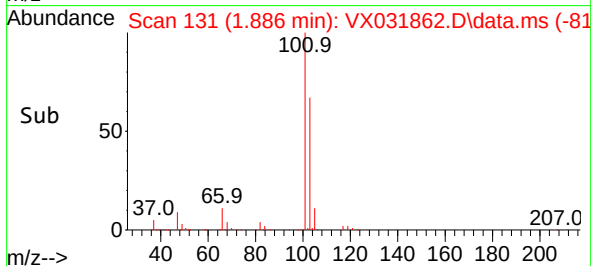
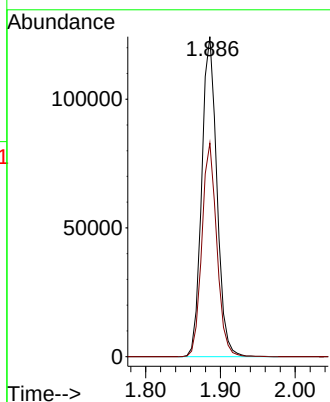
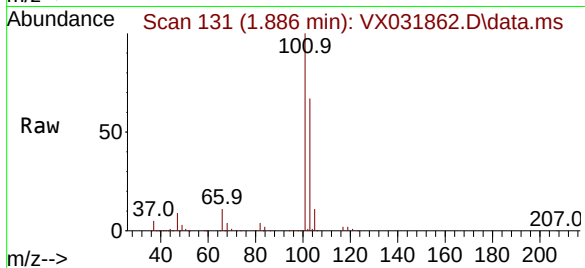
#7
Trichlorofluoromethane
Concen: 41.593 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 175019
Ion Ratio Lower Upper
101 100
103 66.8 51.8 77.6

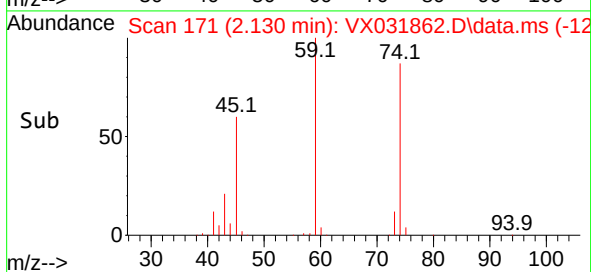
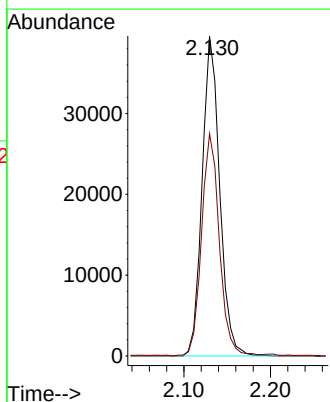
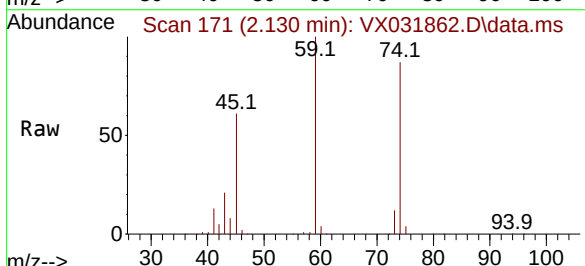
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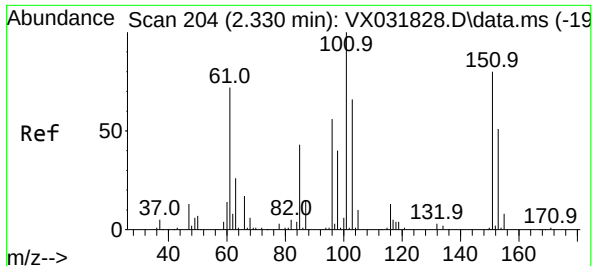
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#8
Diethyl Ether
Concen: 49.687 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion: 74 Resp: 55659
Ion Ratio Lower Upper
74 100
45 70.6 48.5 145.6





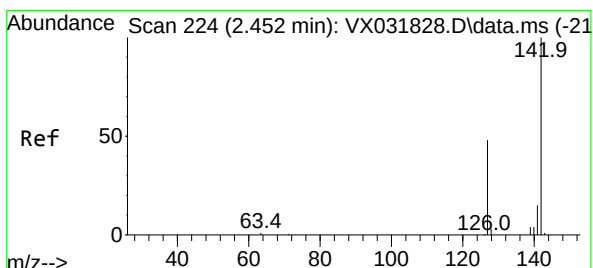
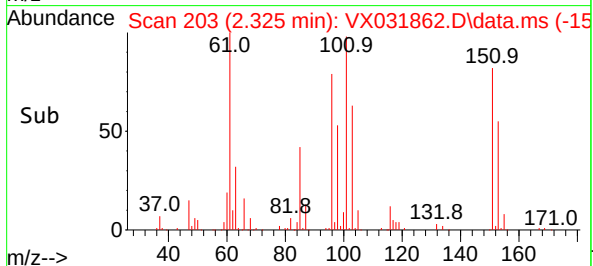
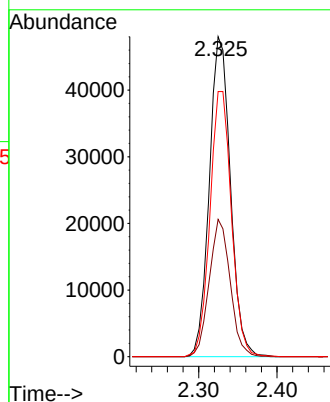
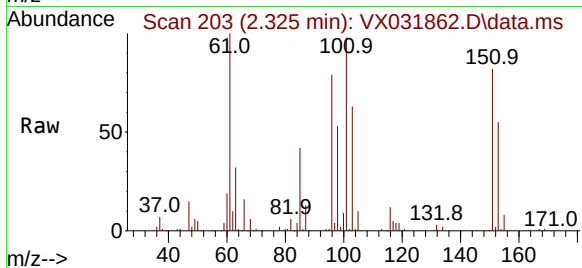
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.444 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 89878
Ion Ratio Lower Upper
101 100
85 42.6 38.6 57.8
151 84.4 54.0 81.0

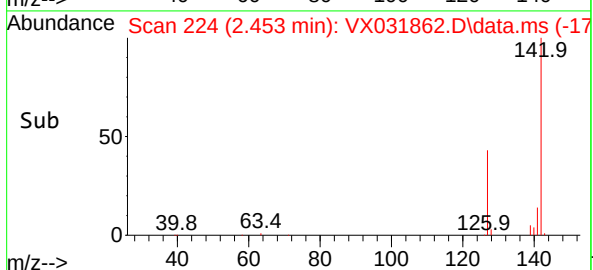
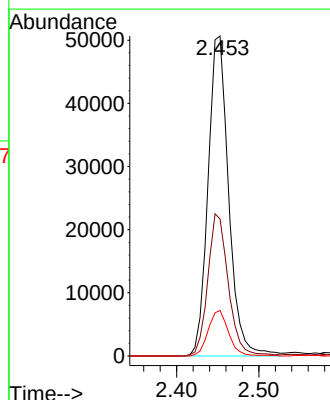
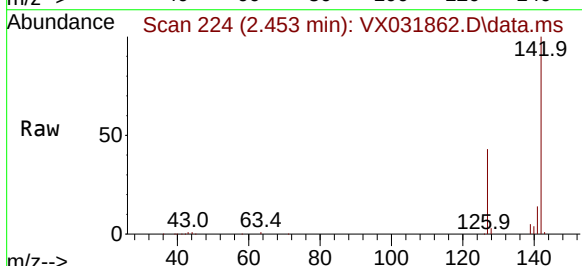
Manual Integrations
APPROVED

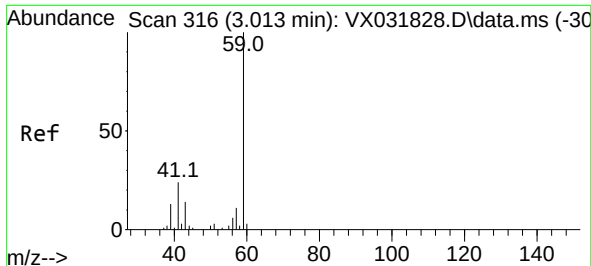
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#10
Methyl Iodide
Concen: 51.852 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

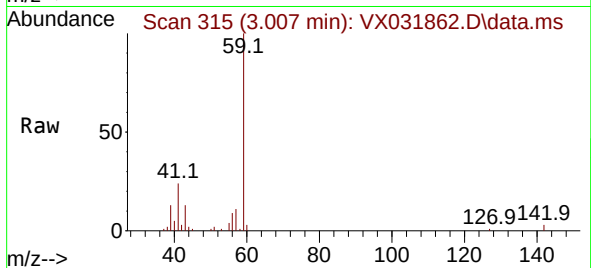
Tgt Ion:142 Resp: 88479
Ion Ratio Lower Upper
142 100
127 44.0 37.4 56.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 232.739 ug/l
RT: 3.007 min Scan# 316
Delta R.T. -0.074 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

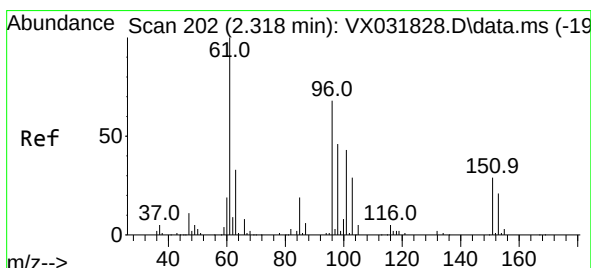
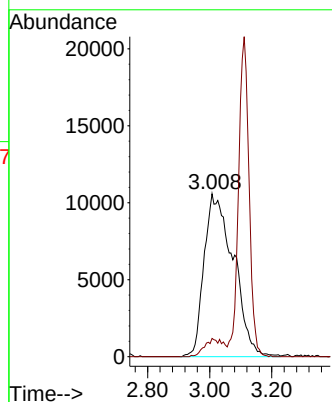
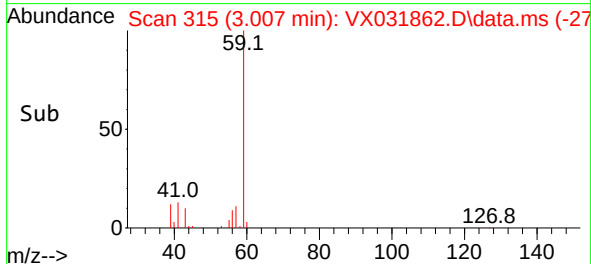
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 69330
Ion Ratio Lower Upper
59 100
57 4.8 8.2 12.2

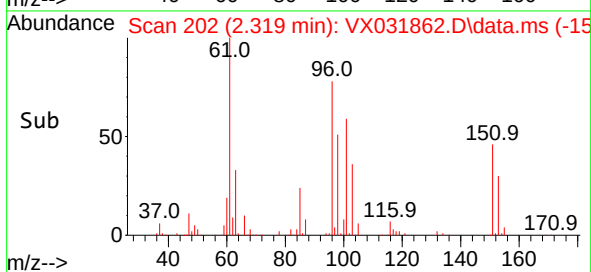
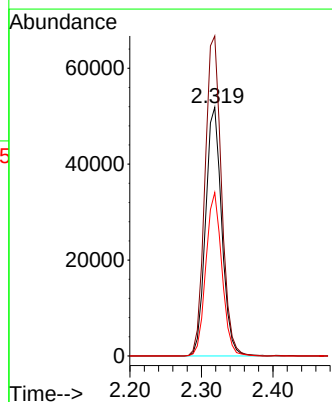
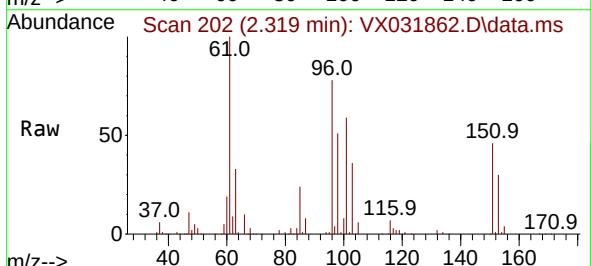
Manual Integrations
APPROVED

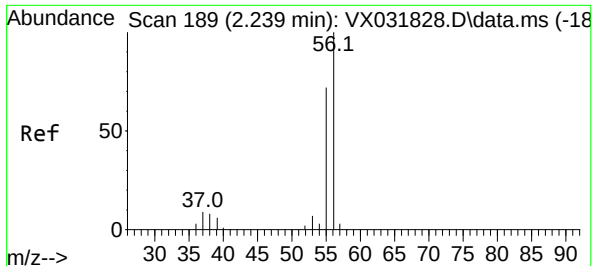
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#12
1,1-Dichloroethene
Concen: 48.784 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

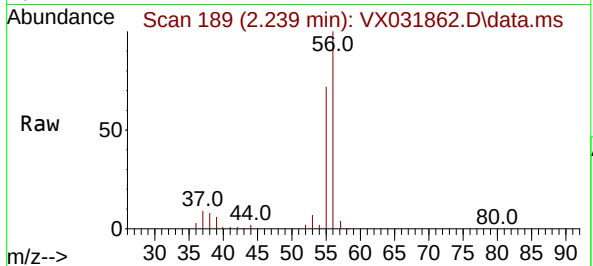
Tgt Ion: 96 Resp: 81427
Ion Ratio Lower Upper
96 100
61 128.7 135.3 202.9#
98 65.7 49.4 74.2





#13
Acrolein
Concen: 217.226 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

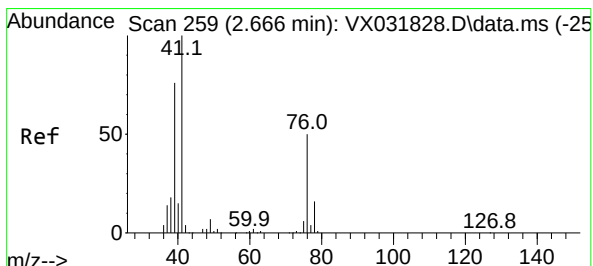
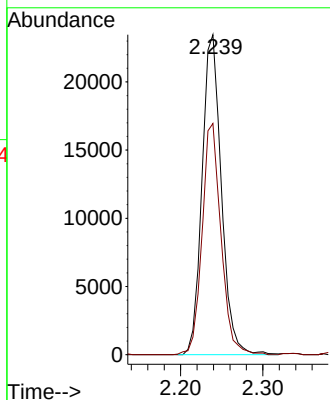
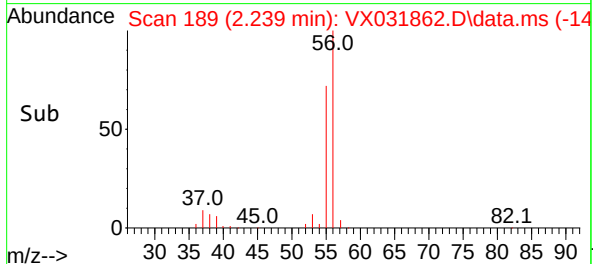
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



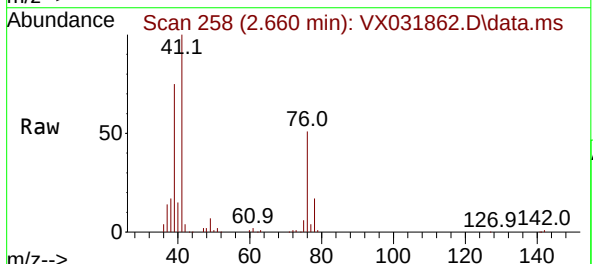
Tgt Ion: 56 Resp: 38314
Ion Ratio Lower Upper
56 100
55 70.6 56.0 84.0

Manual Integrations
APPROVED

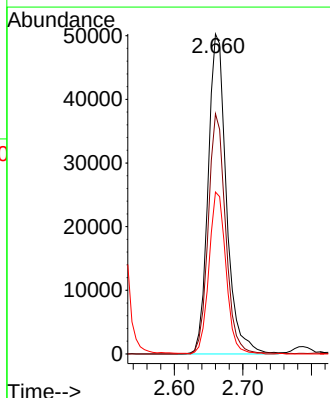
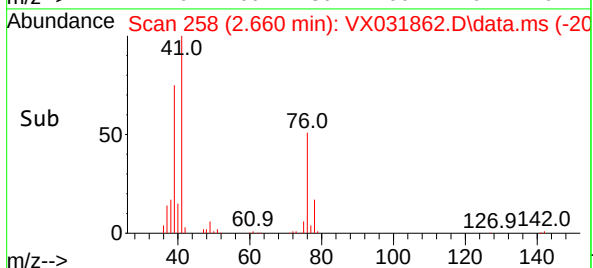
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

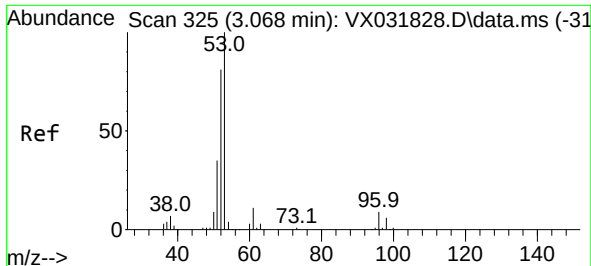


#14
Allyl chloride
Concen: 43.752 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



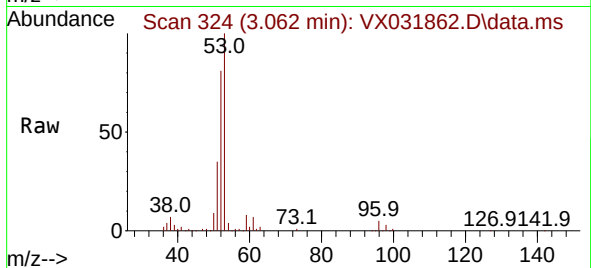
Tgt Ion: 41 Resp: 93218
Ion Ratio Lower Upper
41 100
39 71.2 58.2 87.4
76 47.0 26.9 40.3





#15
Acrylonitrile
Concen: 223.046 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

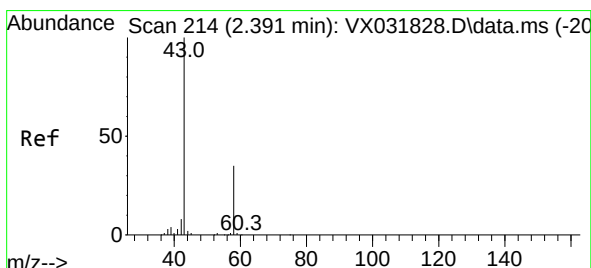
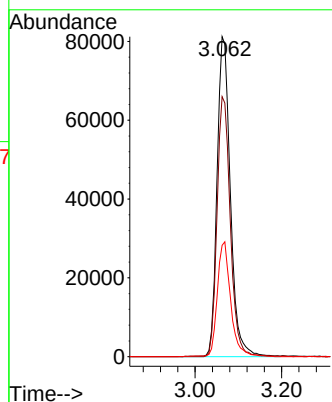
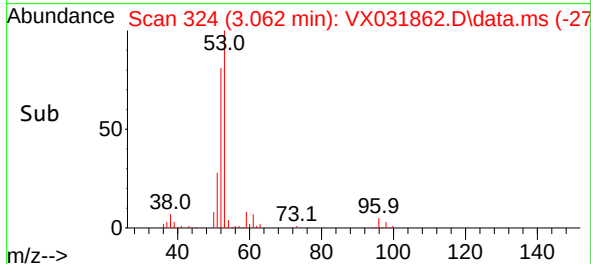
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 173570
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 36.2 30.0 45.0

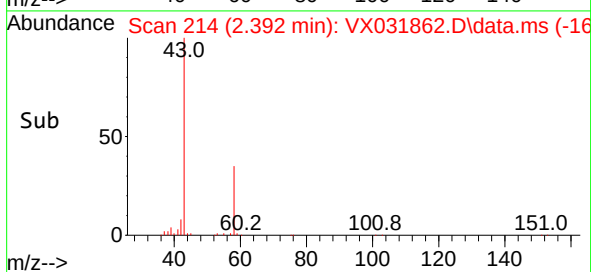
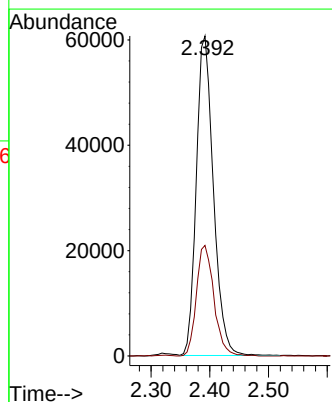
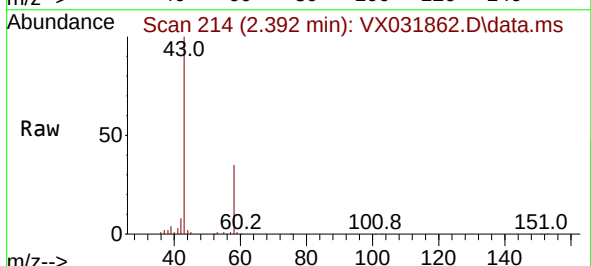
Manual Integrations
APPROVED

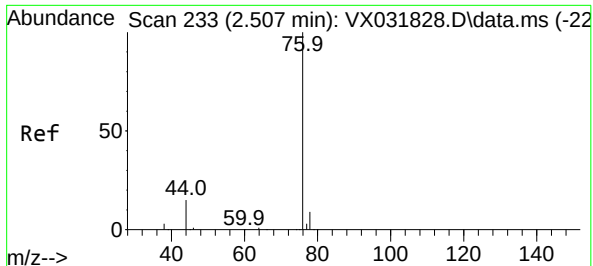
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#16
Acetone
Concen: 246.960 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

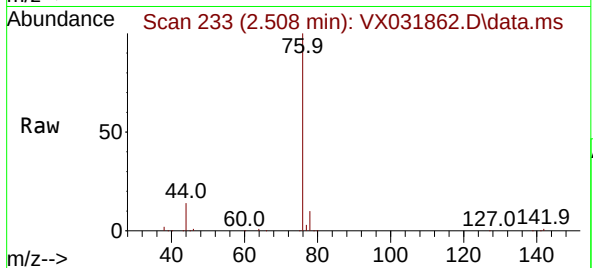
Tgt Ion: 43 Resp: 122671
Ion Ratio Lower Upper
43 100
58 34.6 23.8 35.8





#17
Carbon Disulfide
Concen: 50.214 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

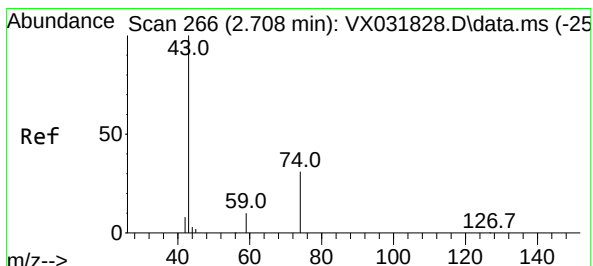
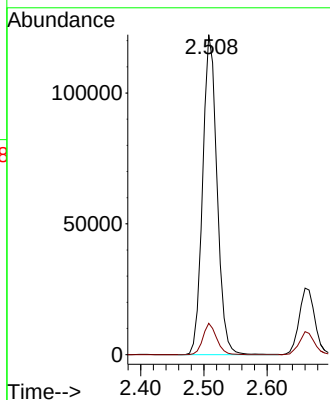
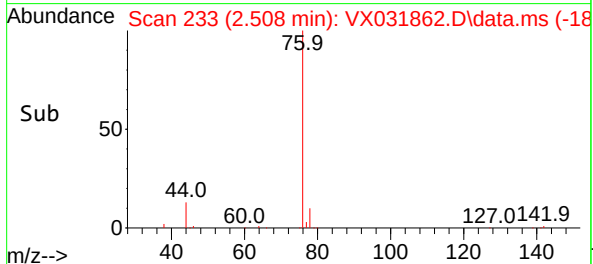
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



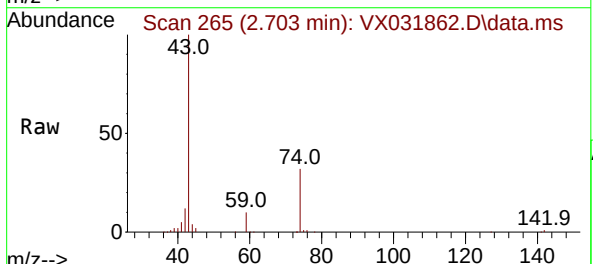
Tgt Ion: 76 Resp: 193440
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

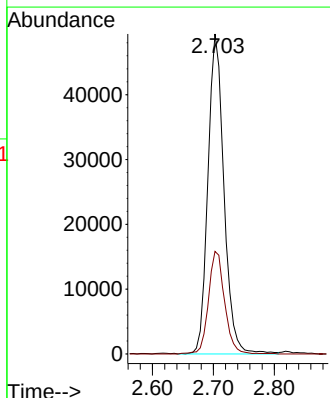
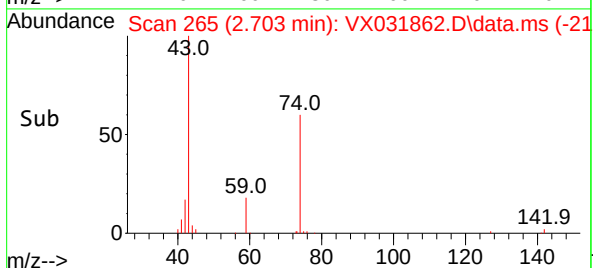
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

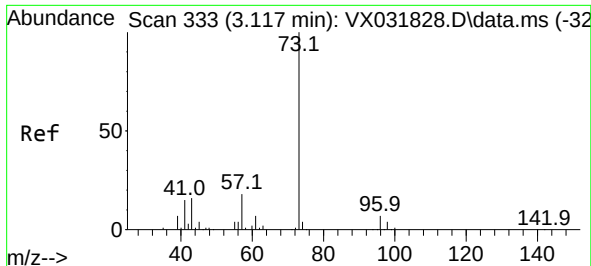


#18
Methyl Acetate
Concen: 45.085 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion: 43 Resp: 90244
Ion Ratio Lower Upper
43 100
74 32.2 18.6 27.8#





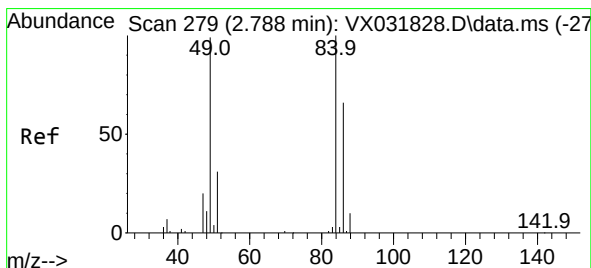
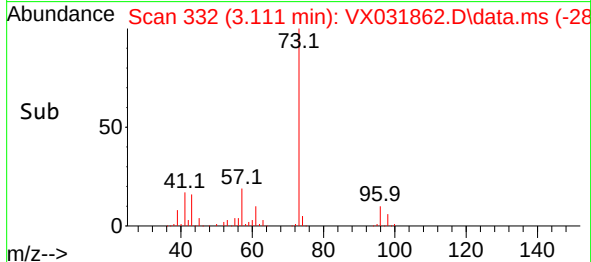
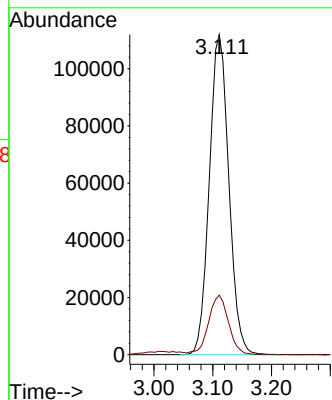
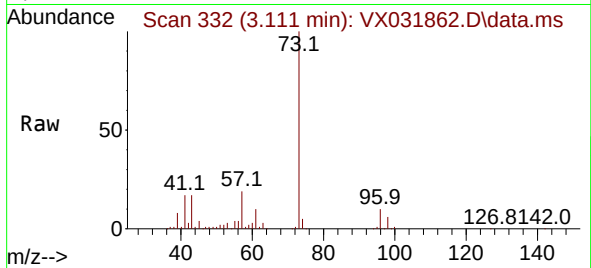
#19
Methyl tert-butyl Ether
Concen: 47.531 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 258280
Ion Ratio Lower Upper
73 100
57 18.6 17.2 25.8

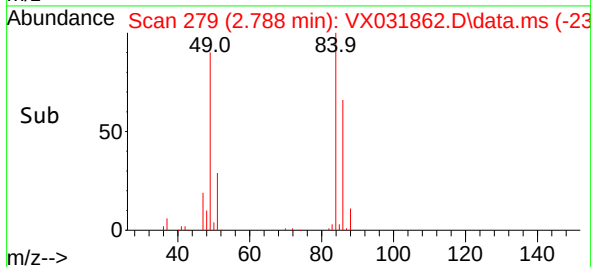
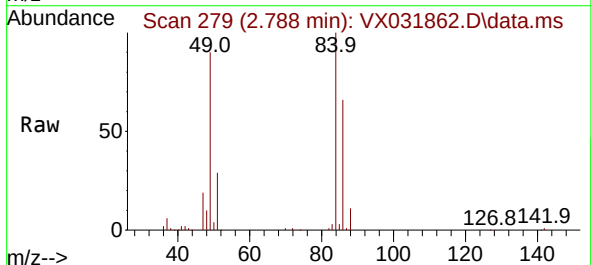
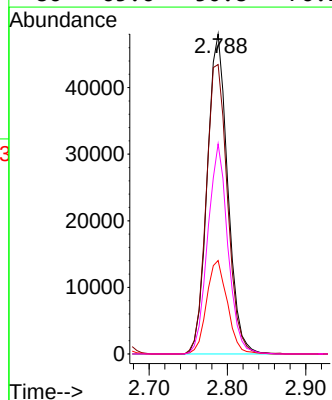
Manual Integrations
APPROVED

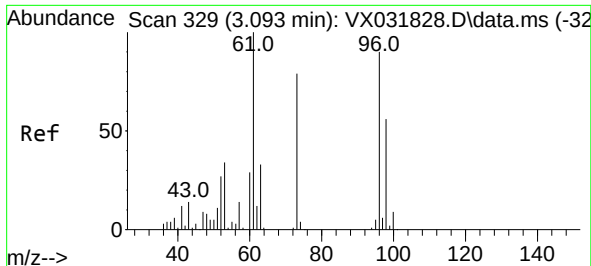
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#20
Methylene Chloride
Concen: 46.644 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

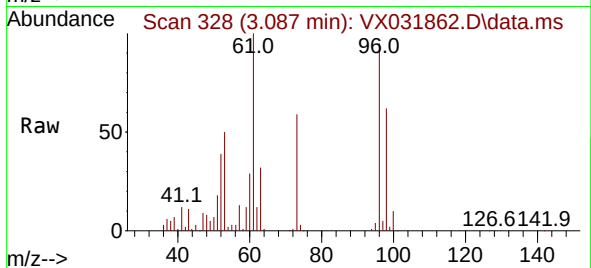
Tgt Ion: 84 Resp: 87317
Ion Ratio Lower Upper
84 100
49 90.4 105.9 158.9#
51 29.2 32.2 48.2#
86 65.6 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.799 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

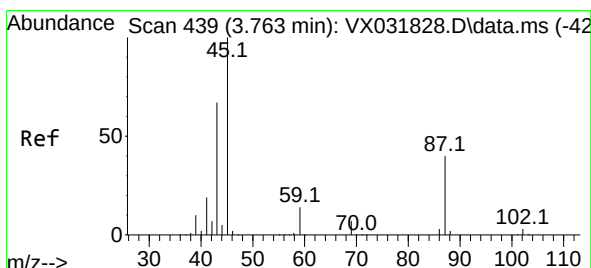
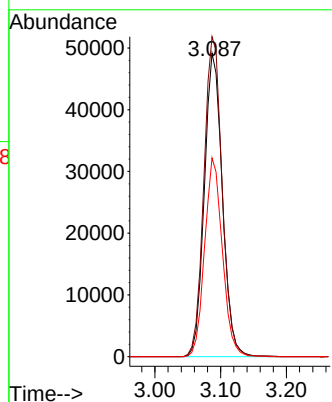
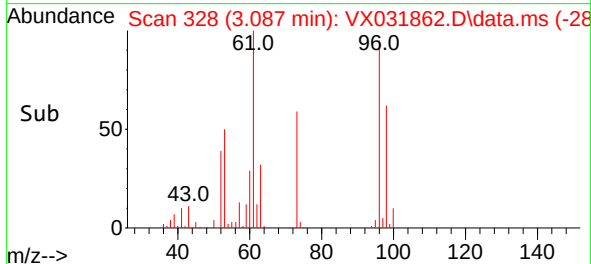
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



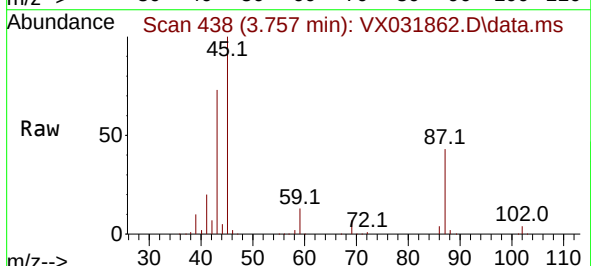
Tgt Ion: 96 Resp: 9353
Ion Ratio Lower Upper
96 100
61 105.4 106.7 160.1
98 65.5 48.7 73.1

Manual Integrations
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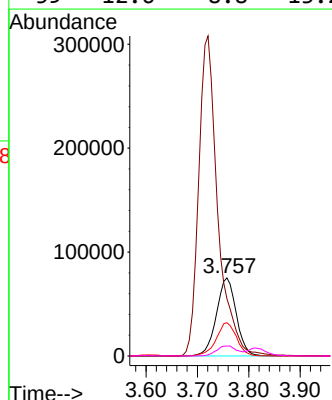
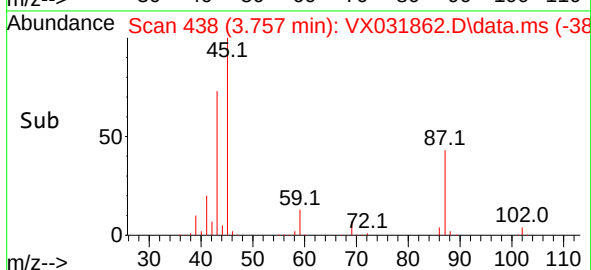
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

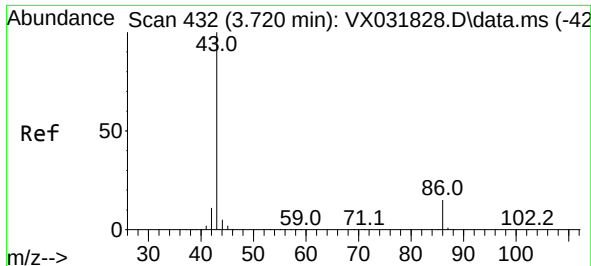


#22
Diisopropyl ether
Concen: 44.549 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



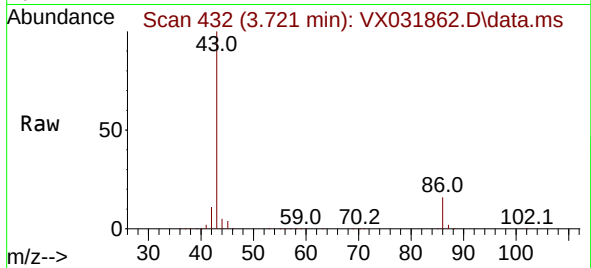
Tgt Ion: 45 Resp: 201259
Ion Ratio Lower Upper
45 100
43 73.1 59.0 88.6
87 42.6 22.6 33.8
59 12.6 8.8 13.2





#23
 Vinyl Acetate
 Concen: 236.195 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX031862.D
 Acq: 04 Oct 2022 10:53

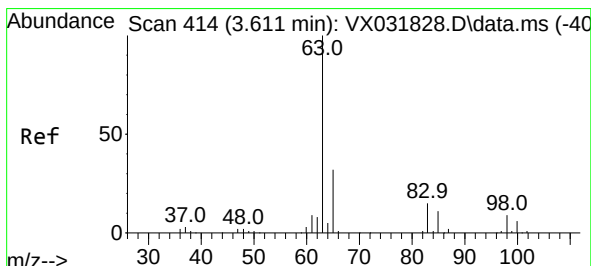
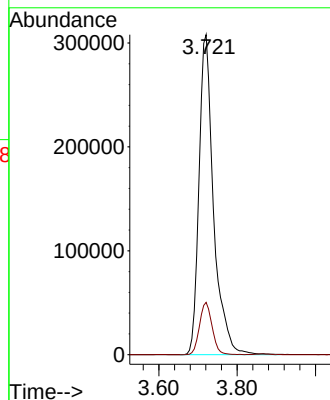
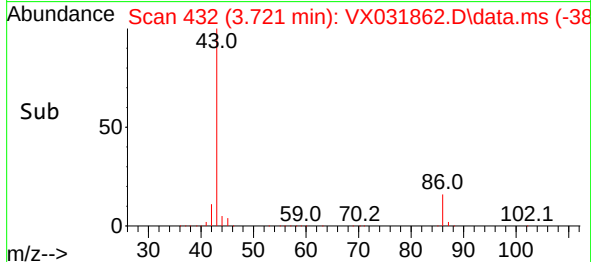
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



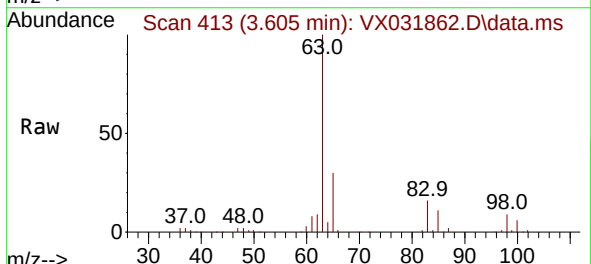
Tgt Ion: 43 Resp: 798192
 Ion Ratio Lower Upper
 43 100
 86 16.4 8.7 13.1

Manual Integrations
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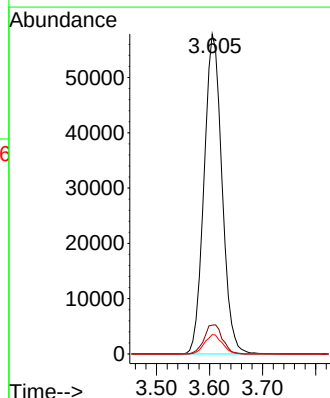
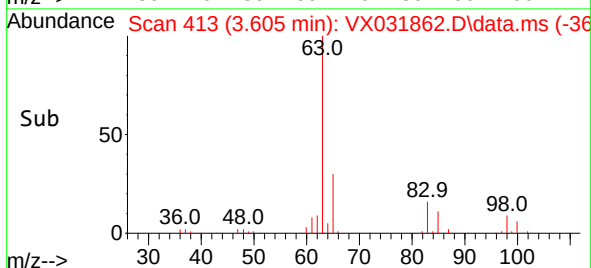
Reviewed By :John Carlone 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

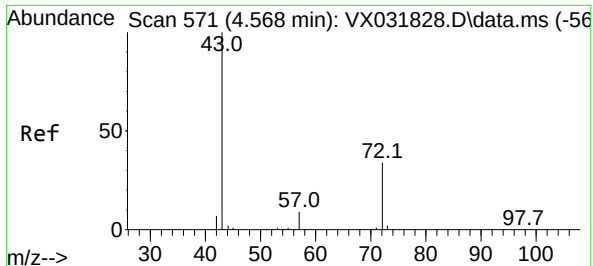


#24
 1,1-Dichloroethane
 Concen: 44.781 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX031862.D
 Acq: 04 Oct 2022 10:53



Tgt Ion: 63 Resp: 135961
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.4
 100 6.0 2.4 7.2





#25

2-Butanone

Concen: 213.831 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20995

Ion Ratio Lower Upper

43 100

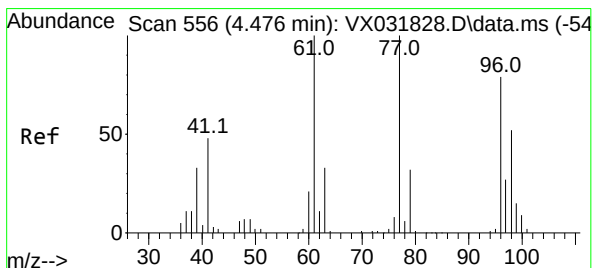
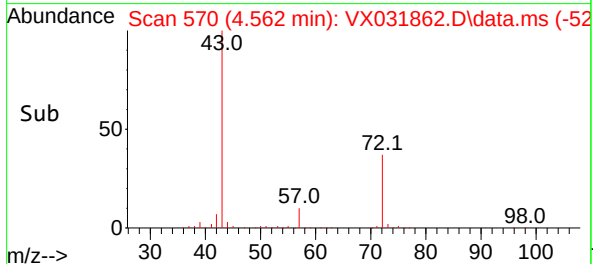
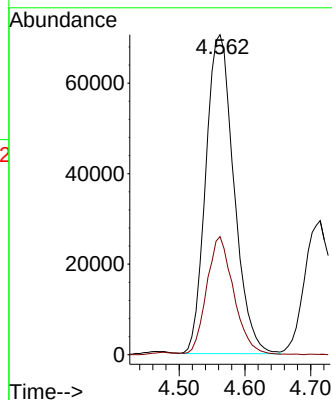
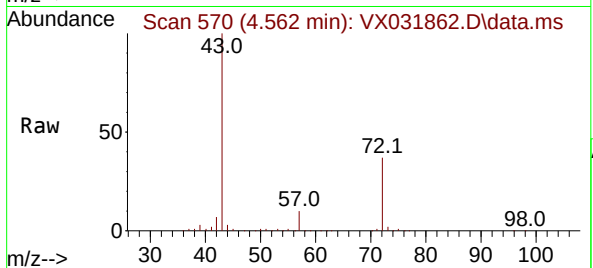
72 36.9 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#26

2,2-Dichloropropane

Concen: 46.663 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX031862.D

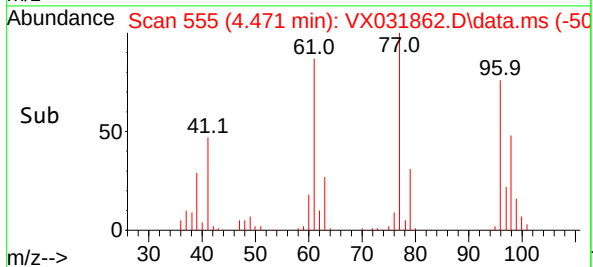
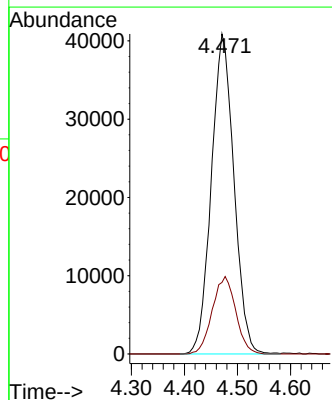
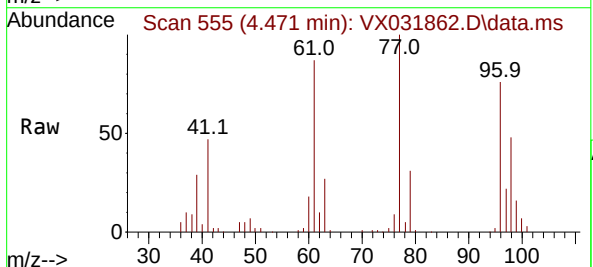
Acq: 04 Oct 2022 10:53

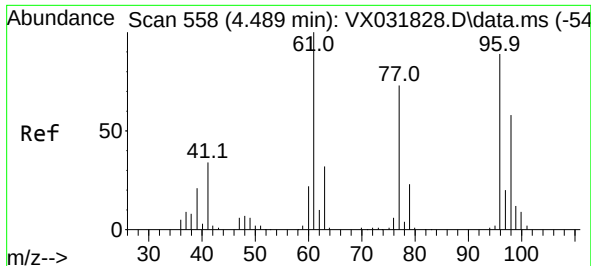
Tgt Ion: 77 Resp: 120951

Ion Ratio Lower Upper

77 100

97 25.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 48.156 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10956

Ion Ratio Lower Upper

96 100

61 112.1 0.0 305.2

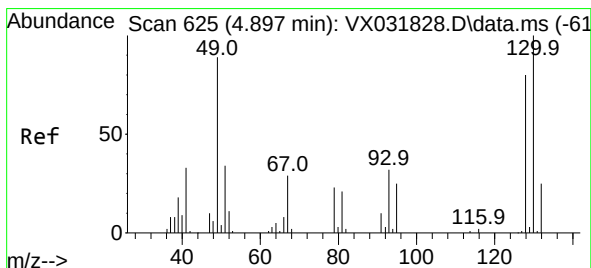
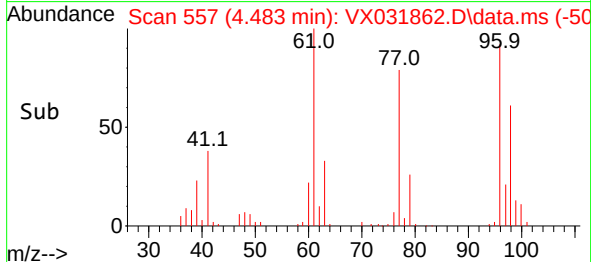
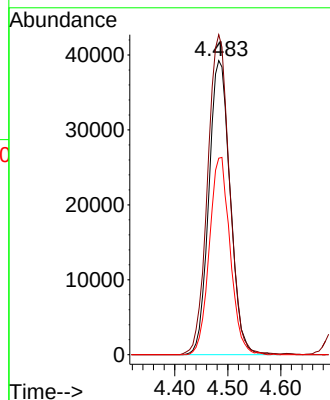
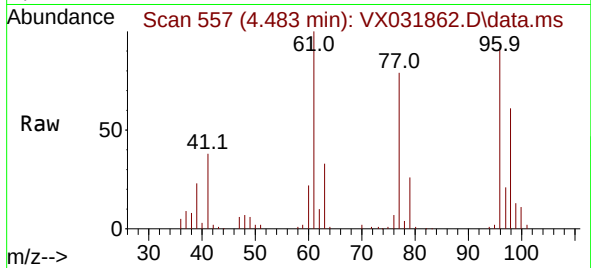
98 65.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#28

Bromochloromethane

Concen: 42.300 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

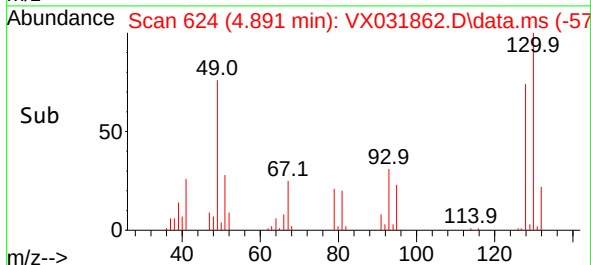
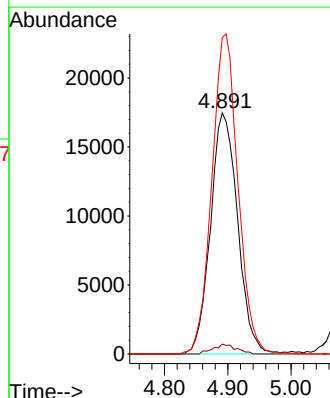
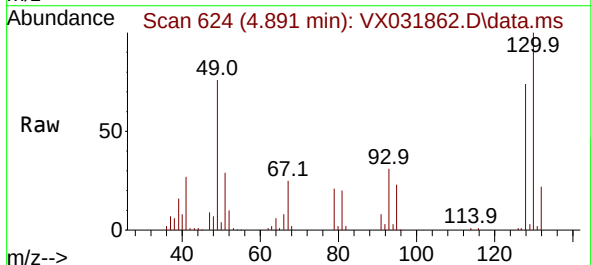
Tgt Ion: 49 Resp: 51904

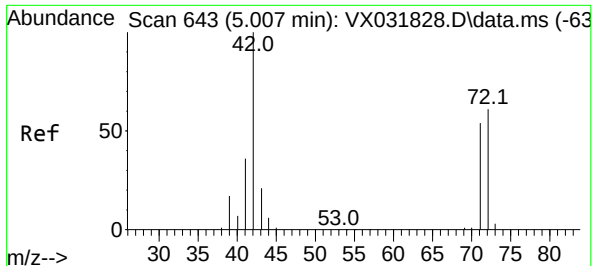
Ion Ratio Lower Upper

49 100

129 3.5 0.0 3.6

130 128.4 59.0 88.4#





#29

Tetrahydrofuran

Concen: 223.685 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 135610

Ion Ratio Lower Upper

42 100

72 63.3 36.4 54.6

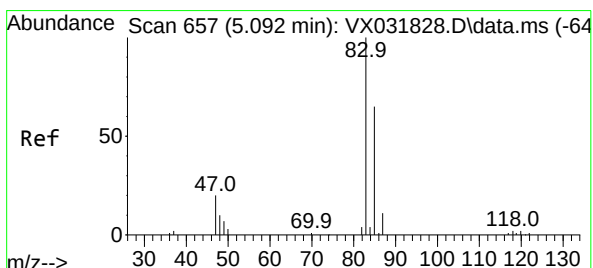
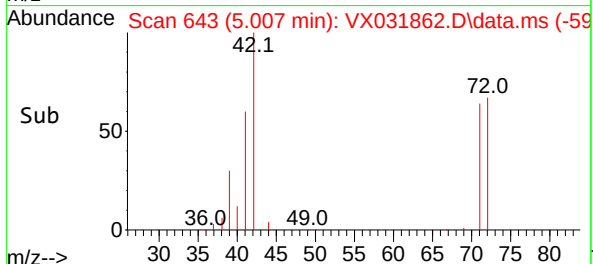
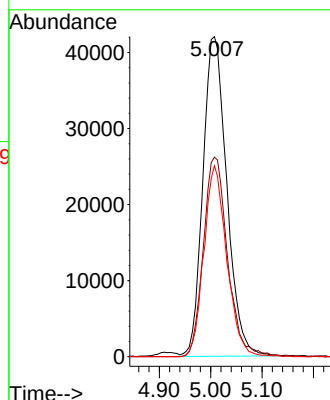
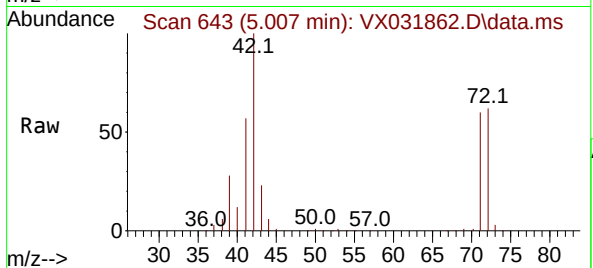
71 57.4 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#30

Chloroform

Concen: 45.936 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX031862.D

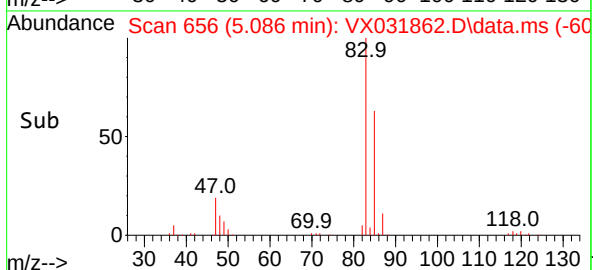
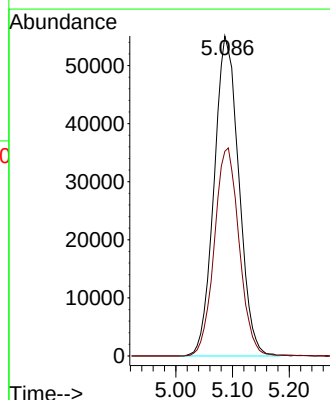
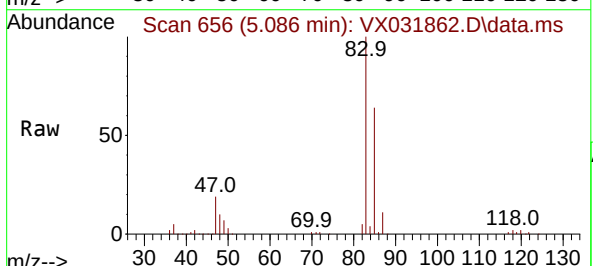
Acq: 04 Oct 2022 10:53

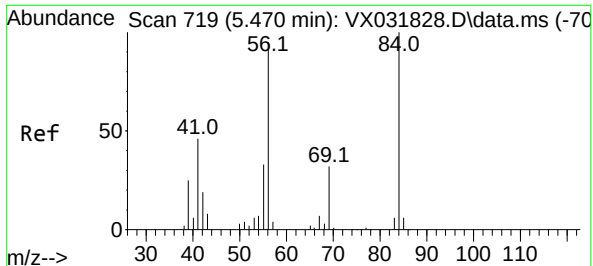
Tgt Ion: 83 Resp: 166844

Ion Ratio Lower Upper

83 100

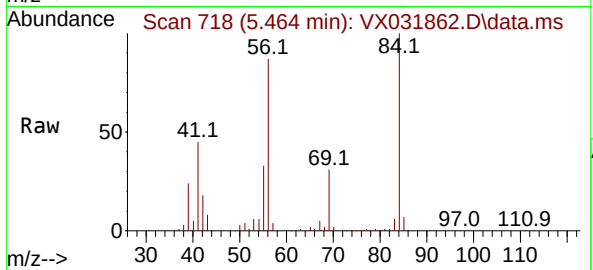
85 63.9 52.8 79.2





#31
Cyclohexane
Concen: 45.499 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

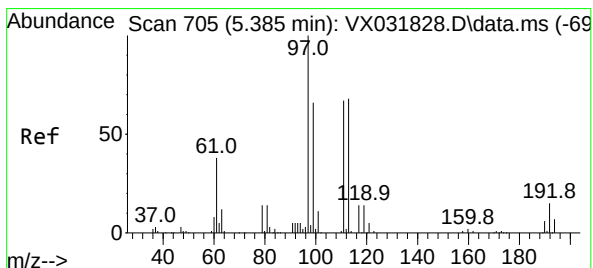
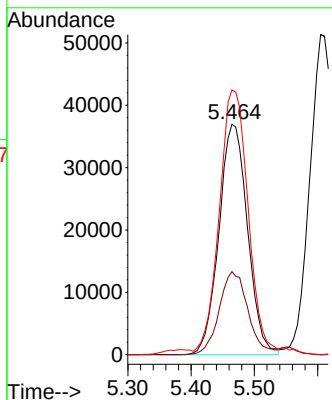
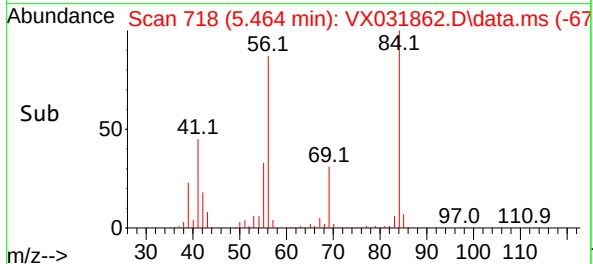
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



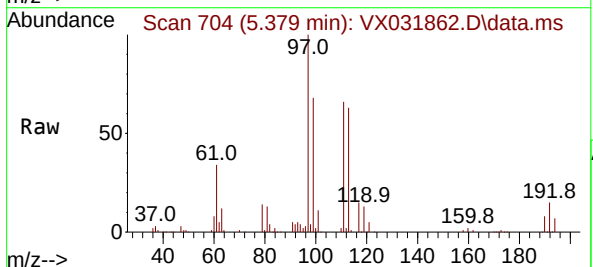
Tgt Ion: 56 Resp: 115954
Ion Ratio Lower Upper
56 100
69 36.0 25.1 37.7
84 112.8 70.2 105.4

Manual Integrations
APPROVED

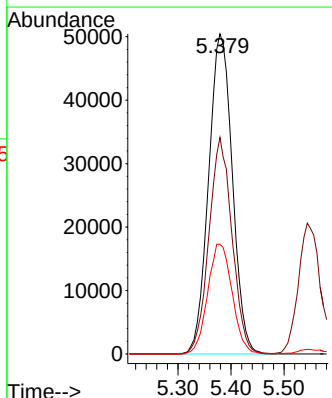
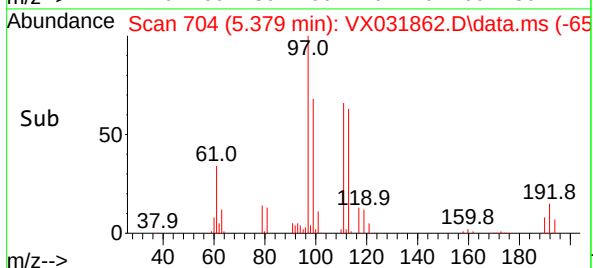
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

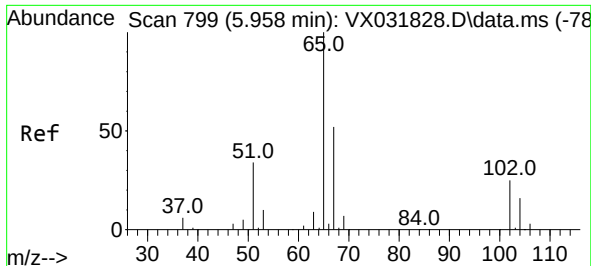


#32
1,1,1-Trichloroethane
Concen: 45.524 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion: 97 Resp: 156909
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 35.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 41.732 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 89299

Ion Ratio Lower Upper

65 100

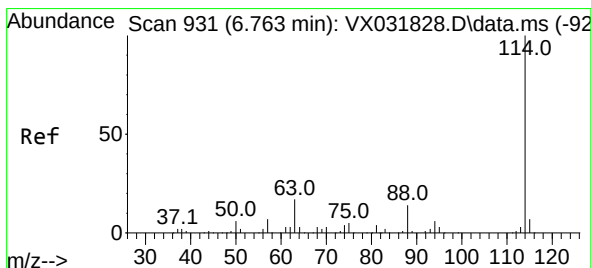
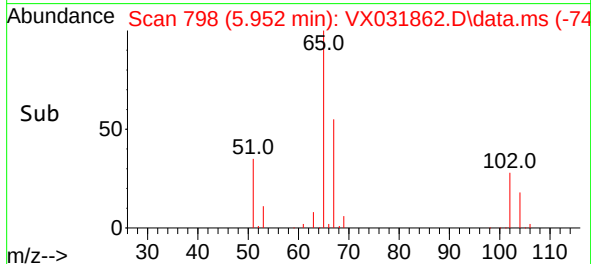
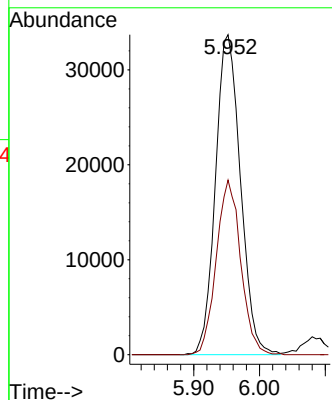
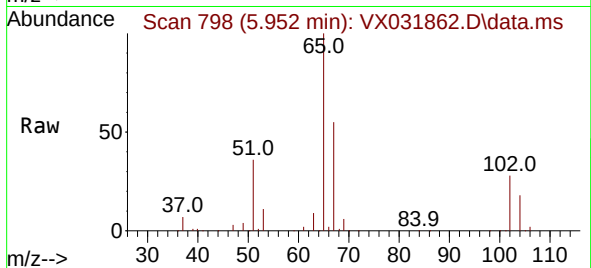
67 53.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

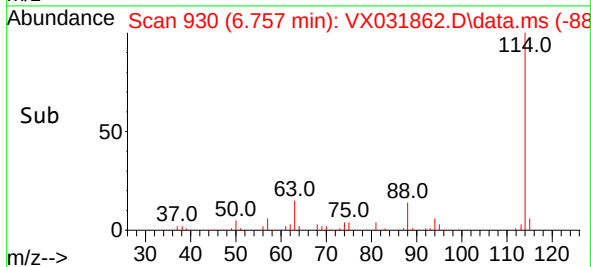
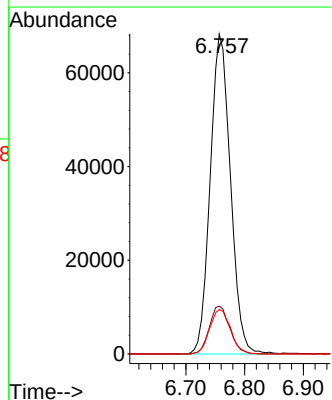
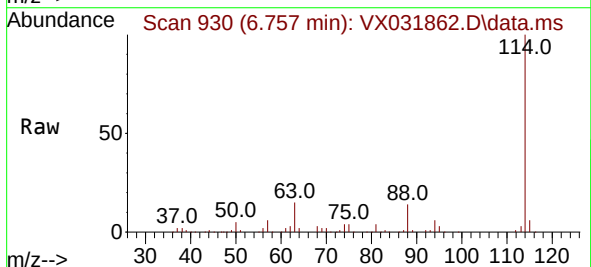
Tgt Ion:114 Resp: 163477

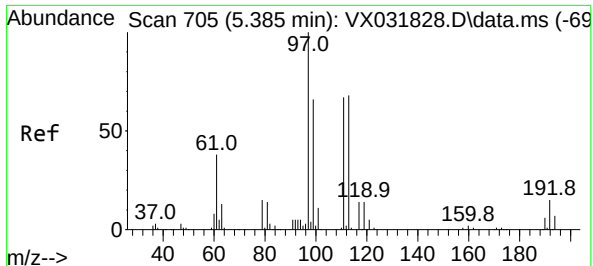
Ion Ratio Lower Upper

114 100

63 14.9 0.0 42.6

88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.716 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 94620

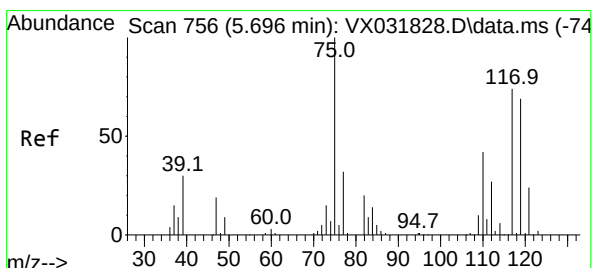
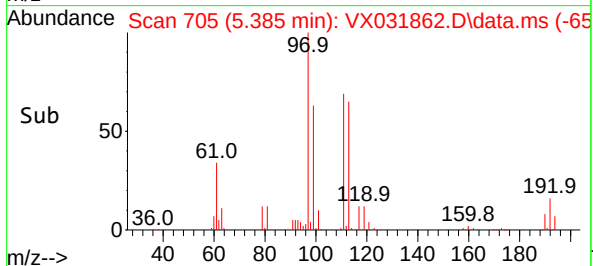
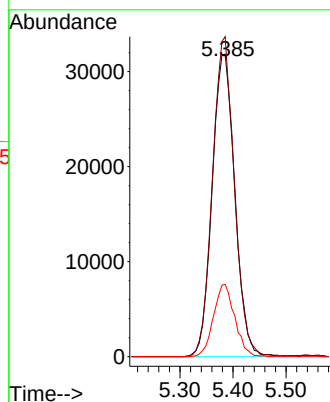
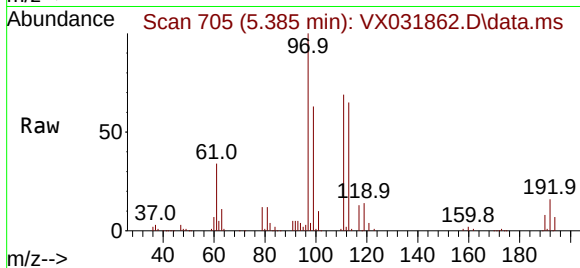
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	22.4	14.1	21.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#36

1,1-Dichloropropene

Concen: 49.872 ug/l

RT: 5.690 min Scan# 755

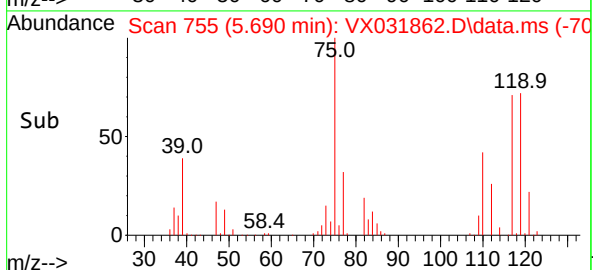
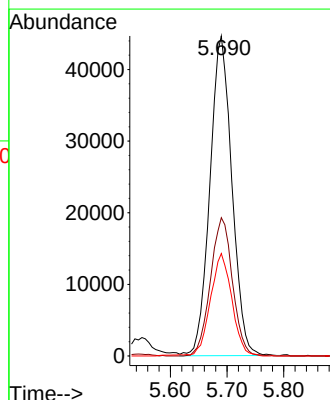
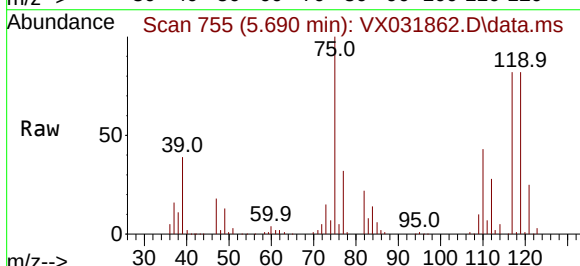
Delta R.T. -0.006 min

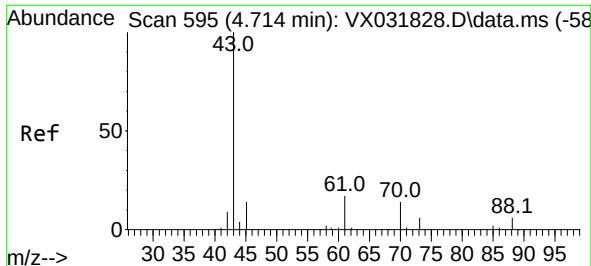
Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Tgt Ion: 75 Resp: 120108

Ion	Ratio	Lower	Upper
75	100		
110	43.4	17.5	52.5
77	31.4	24.9	37.3





#37

Ethyl Acetate

Concen: 47.794 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 87129

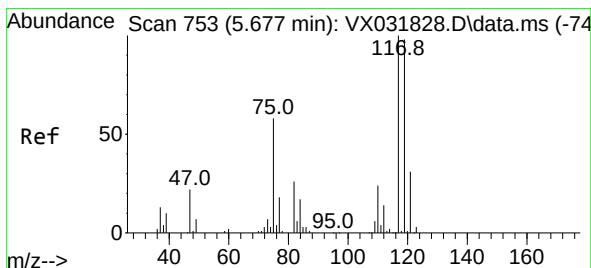
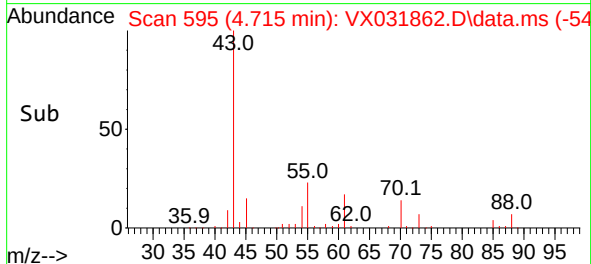
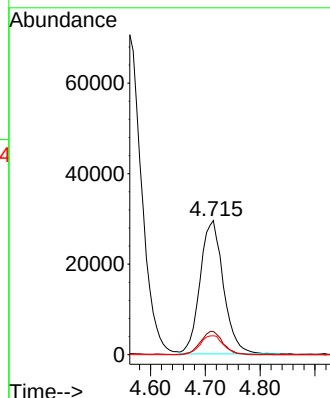
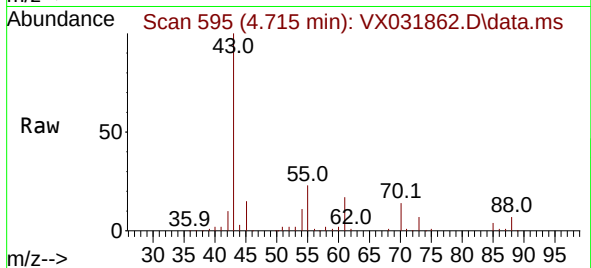
Ion	Ratio	Lower	Upper
43	100		
61	16.8	11.1	16.7
70	14.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#38

Carbon Tetrachloride

Concen: 50.011 ug/l

RT: 5.672 min Scan# 752

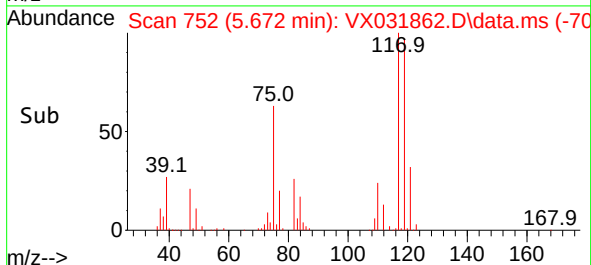
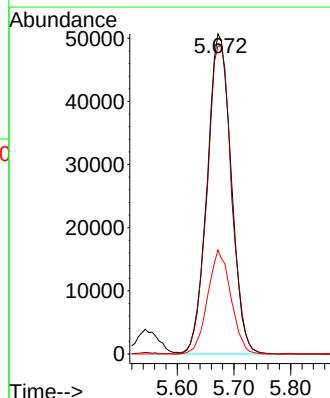
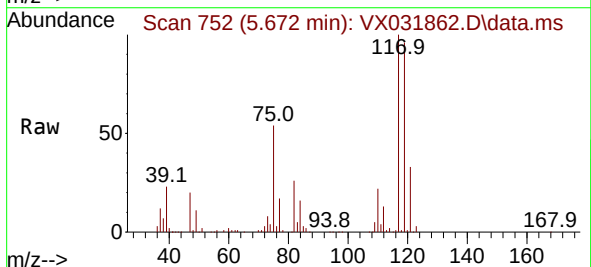
Delta R.T. -0.006 min

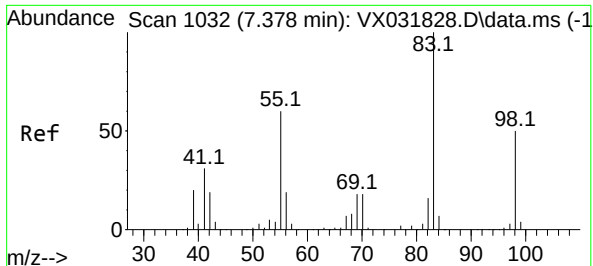
Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Tgt Ion:117 Resp: 149519

Ion	Ratio	Lower	Upper
117	100		
119	96.3	74.6	112.0
121	32.5	25.3	37.9





#39

Methylcyclohexane

Concen: 53.066 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 156784

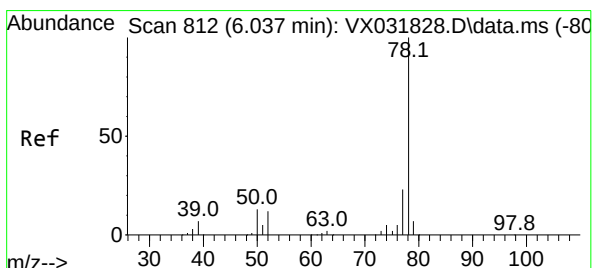
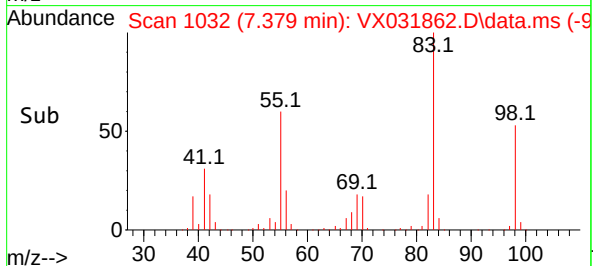
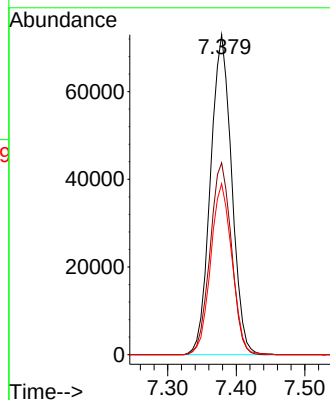
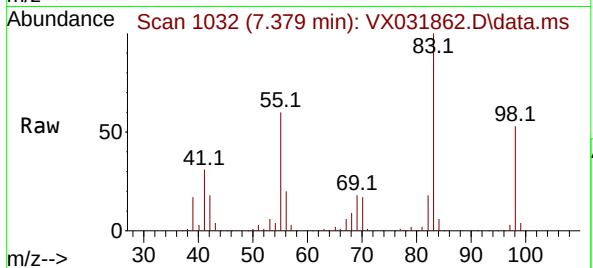
Ion	Ratio	Lower	Upper
83	100		
55	60.0	61.0	91.4
98	53.4	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#40

Benzene

Concen: 50.308 ug/l

RT: 6.037 min Scan# 812

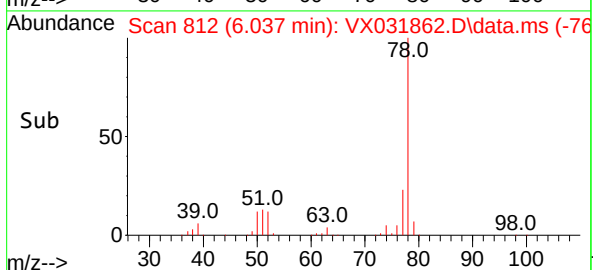
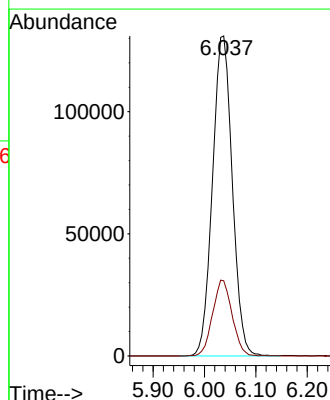
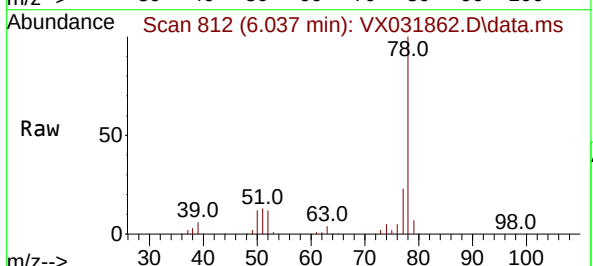
Delta R.T. 0.000 min

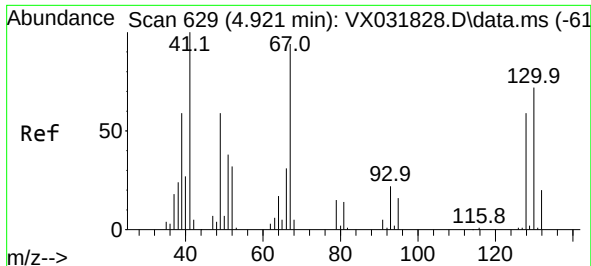
Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Tgt Ion: 78 Resp: 350011

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





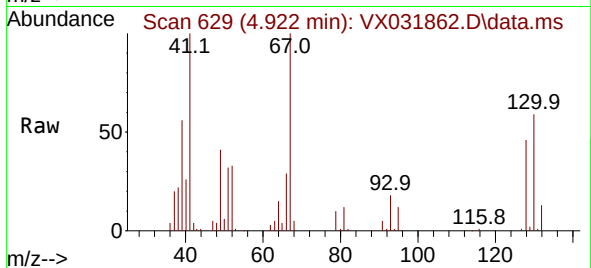
#41
Methacrylonitrile
Concen: 45.441 ug/l
RT: 4.922 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



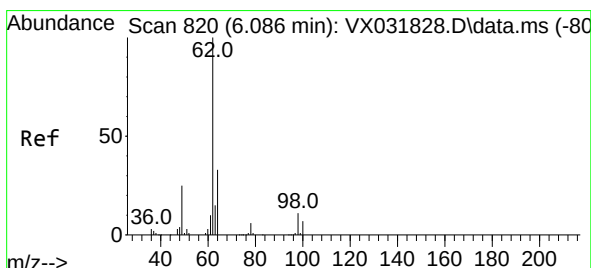
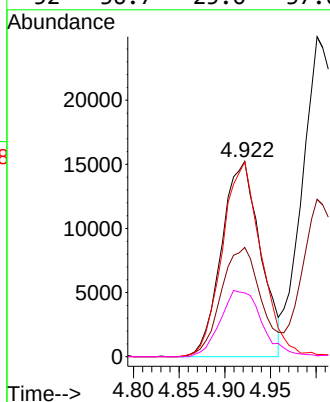
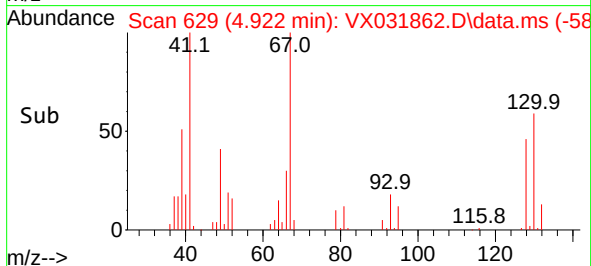
Tgt Ion: 41 Resp: 45015
Ion Ratio Lower Upper
41 100
39 58.7 45.0 67.6
67 100.3 58.2 87.4
52 36.7 25.0 37.6

Manual Integrations

APPROVED

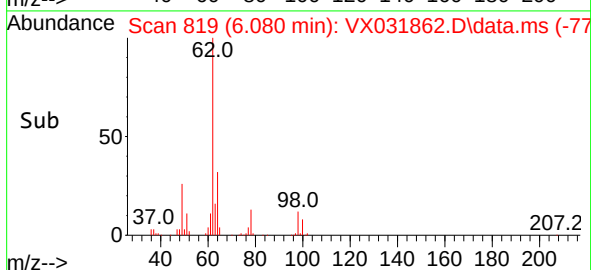
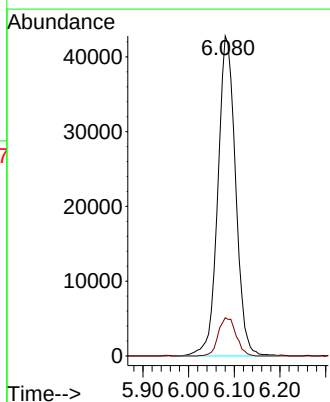
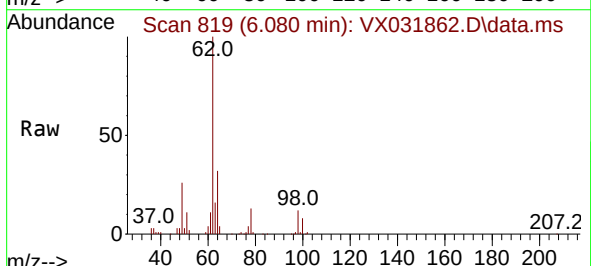
Reviewed By :John Carlone 10/05/2022

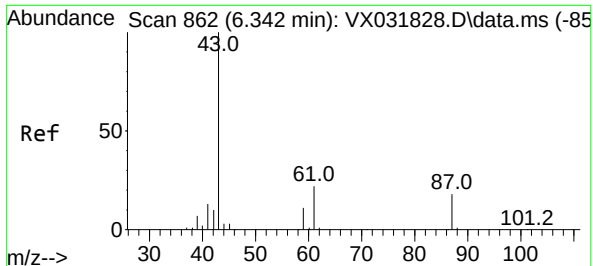
Supervised By :Mahesh Dadoda 10/05/2022



#42
1,2-Dichloroethane
Concen: 47.373 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

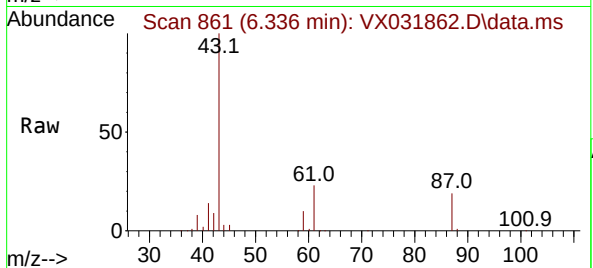
Tgt Ion: 62 Resp: 115465
Ion Ratio Lower Upper
62 100
98 12.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 48.577 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

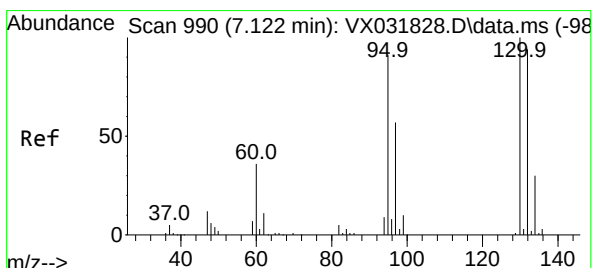
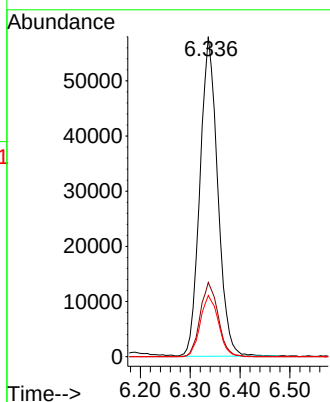
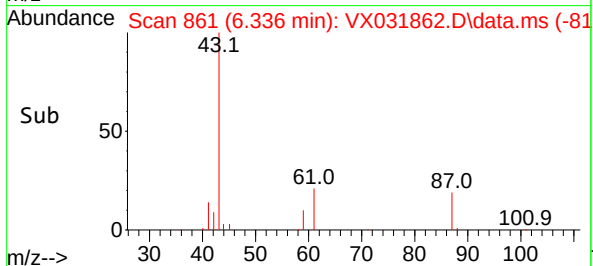
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 143185
Ion Ratio Lower Upper
43 100
61 23.3 15.3 22.9
87 19.5 10.6 15.8

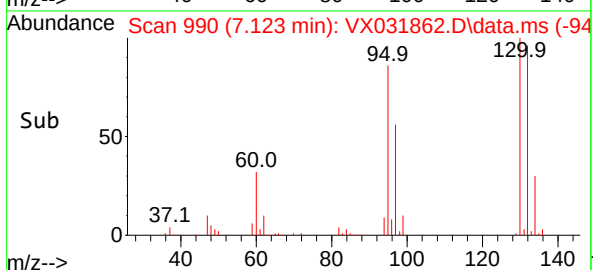
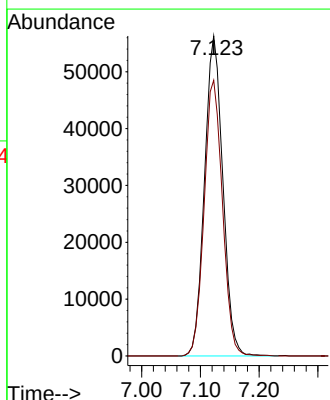
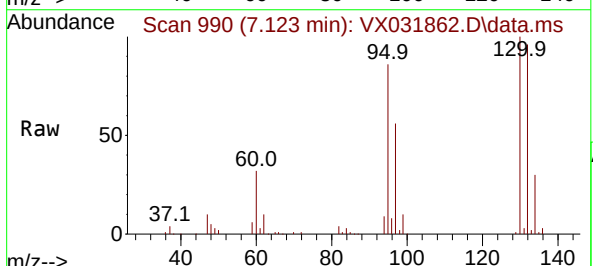
Manual Integrations
APPROVED

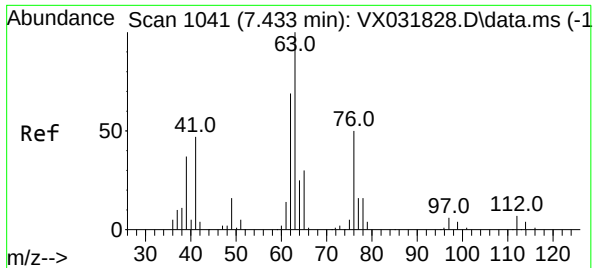
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#44
Trichloroethene
Concen: 54.272 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion:130 Resp: 121987
Ion Ratio Lower Upper
130 100
95 86.2 0.0 206.8





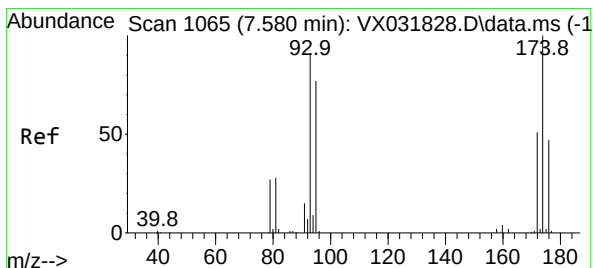
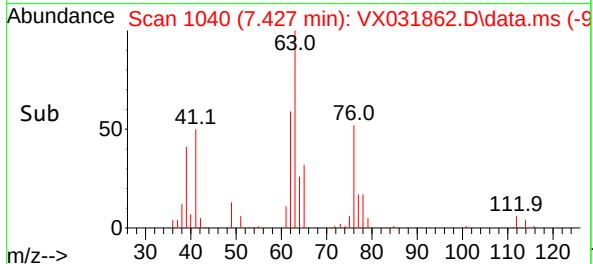
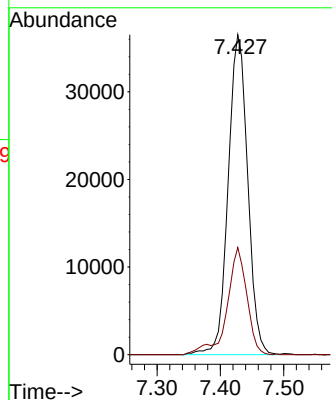
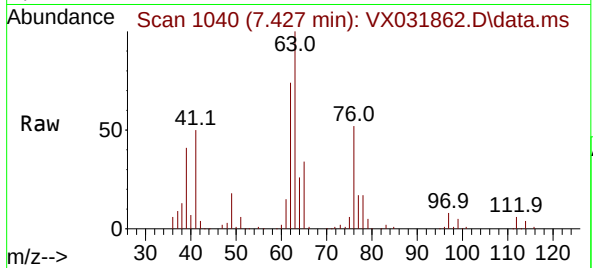
#45
1,2-Dichloropropane
Concen: 48.093 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 7838
Ion Ratio Lower Upper
63 100
65 33.5 26.6 39.8

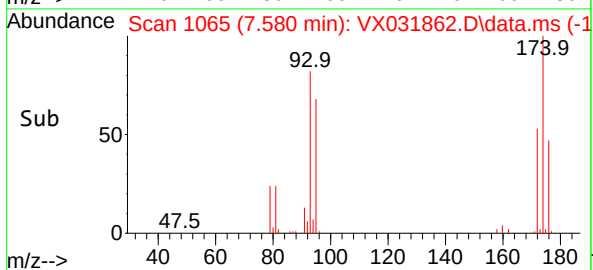
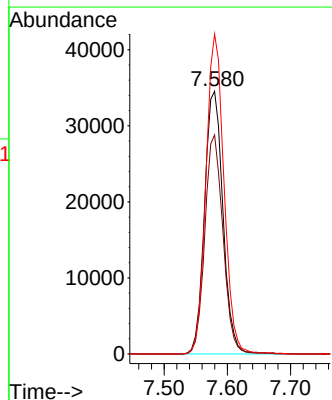
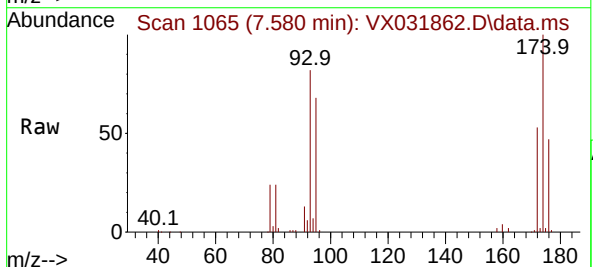
Manual Integrations
APPROVED

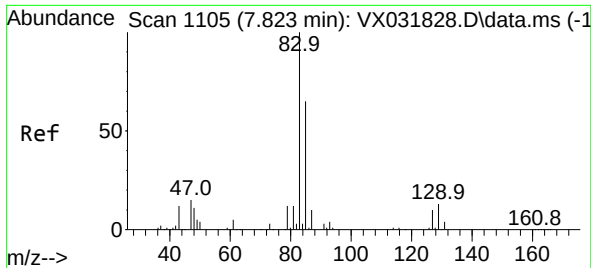
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#46
Dibromomethane
Concen: 51.592 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

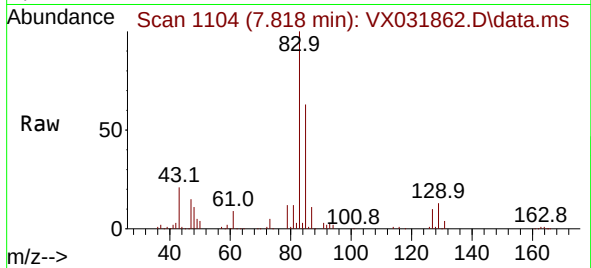
Tgt Ion: 93 Resp: 70092
Ion Ratio Lower Upper
93 100
95 82.2 65.5 98.3
174 119.0 67.6 101.4#





#47
Bromodichloromethane
Concen: 47.873 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

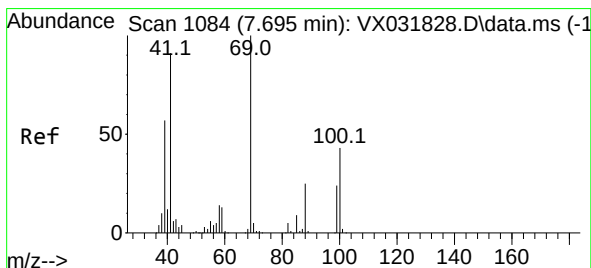
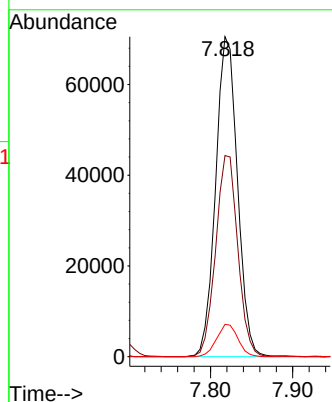
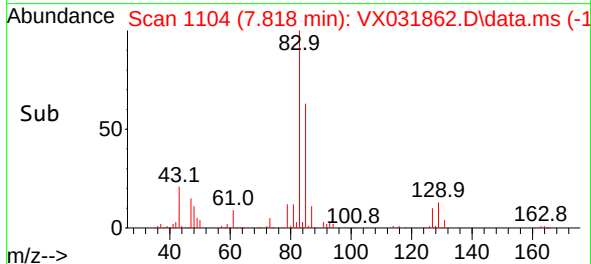
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 130160
Ion Ratio Lower Upper
83 100
85 62.8 51.0 76.6
127 10.1 7.0 10.6

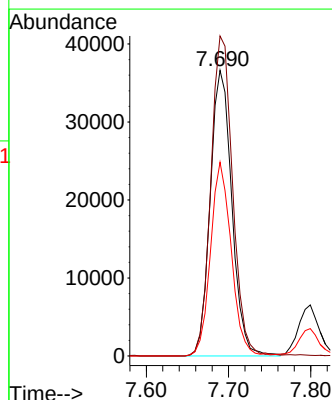
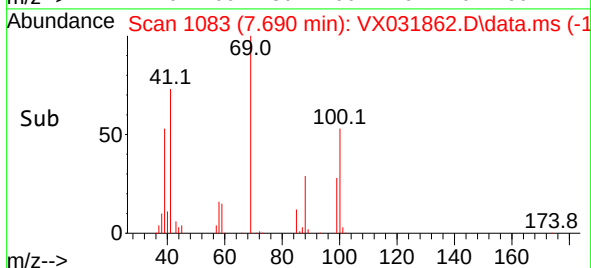
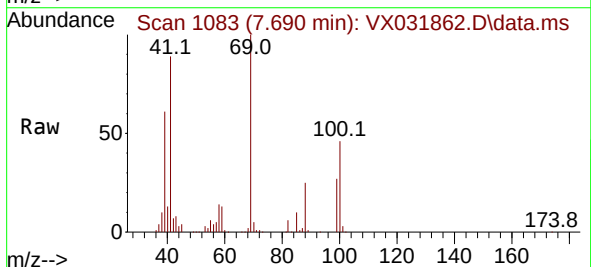
Manual Integrations
APPROVED

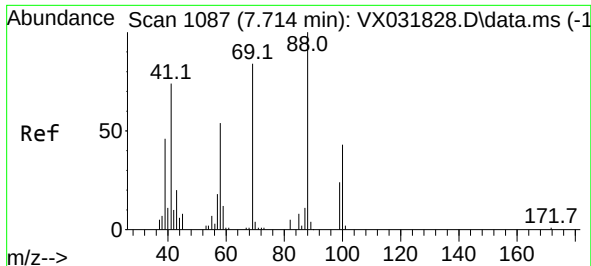
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#48
Methyl methacrylate
Concen: 50.697 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion: 41 Resp: 66871
Ion Ratio Lower Upper
41 100
69 112.7 64.6 96.8#
39 65.1 51.4 77.0





#49

1,4-Dioxane

Concen: 1030.052 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

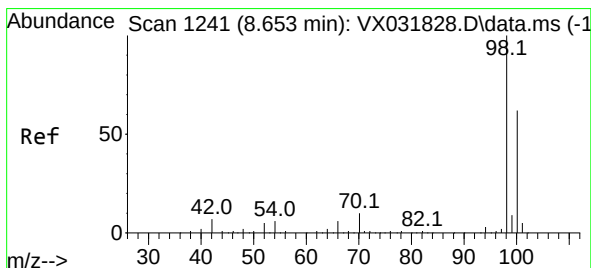
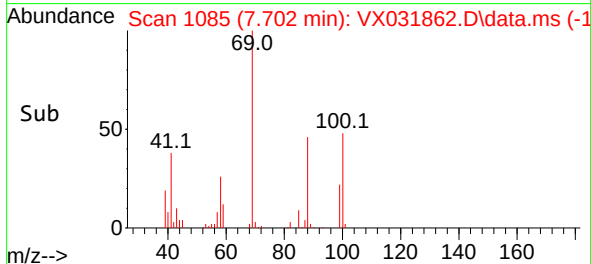
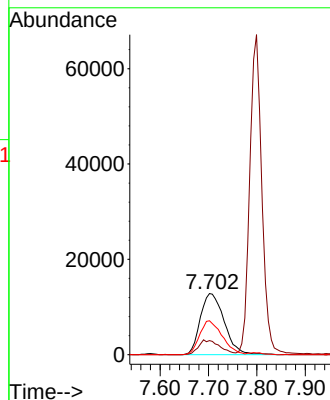
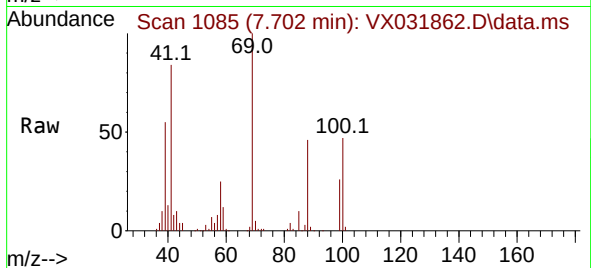
Tgt Ion: 88 Resp: 4403
 Ion Ratio Lower Upper
 88 100
 43 21.7 27.1 40.7
 58 52.4 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#50

Toluene-d8

Concen: 48.748 ug/l

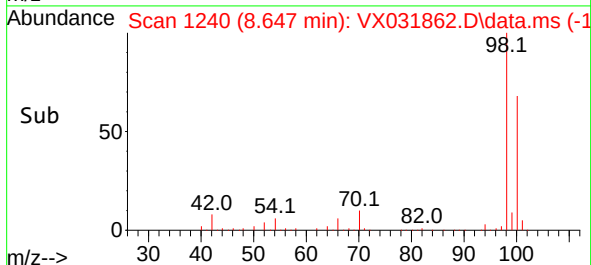
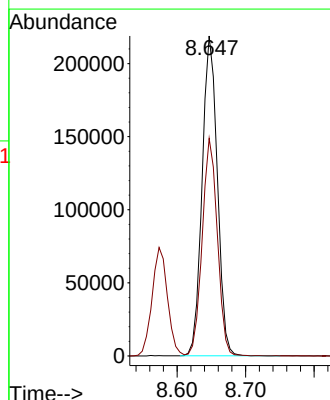
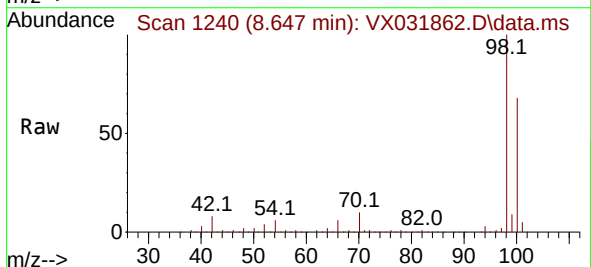
RT: 8.647 min Scan# 1240

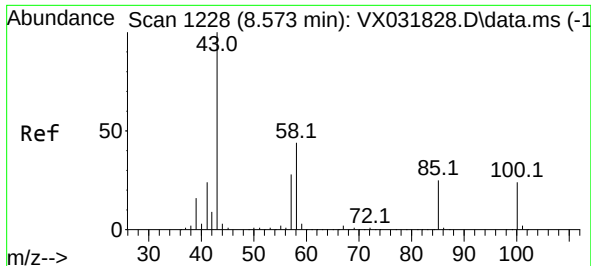
Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Tgt Ion: 98 Resp: 338708
 Ion Ratio Lower Upper
 98 100
 100 67.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 239.420 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 442988

Ion Ratio Lower Upper

43 100

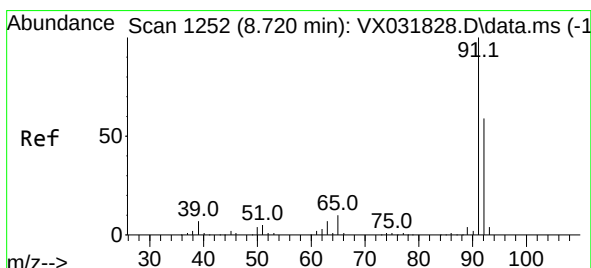
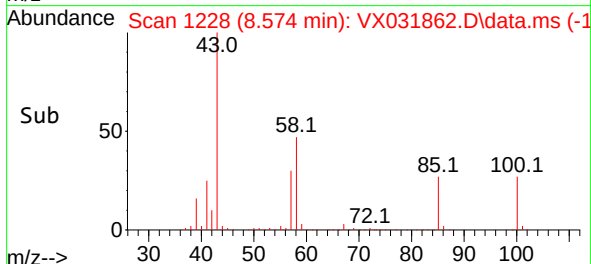
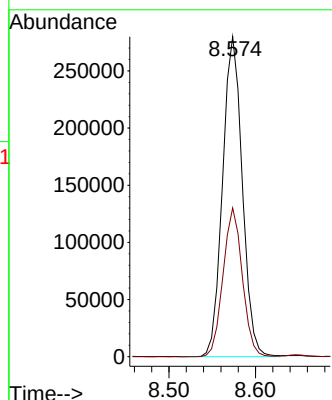
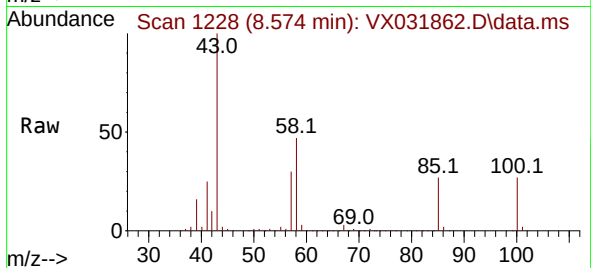
58 45.4 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#52

Toluene

Concen: 51.070 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX031862.D

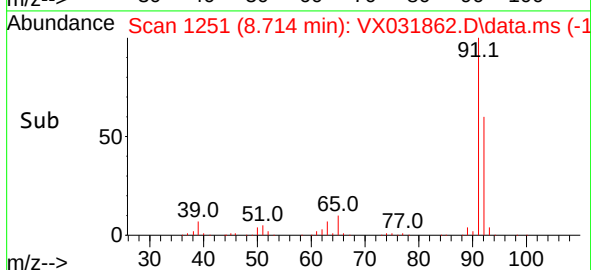
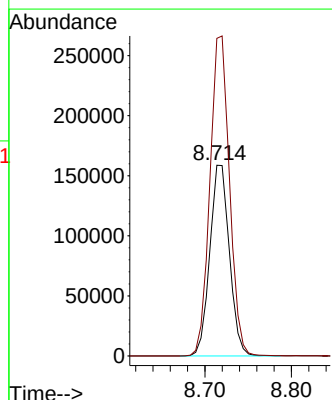
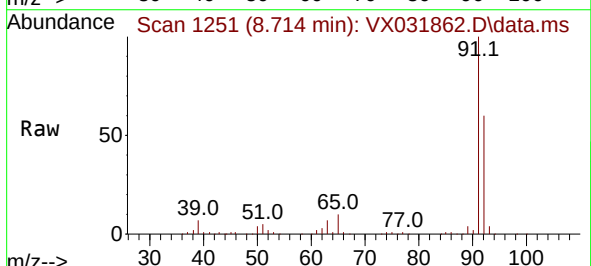
Acq: 04 Oct 2022 10:53

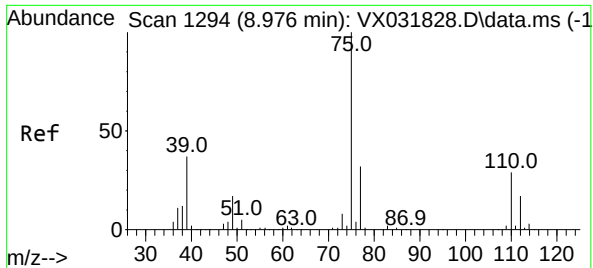
Tgt Ion: 92 Resp: 249096

Ion Ratio Lower Upper

92 100

91 167.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.887 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 12934

Ion Ratio Lower Upper

75 100

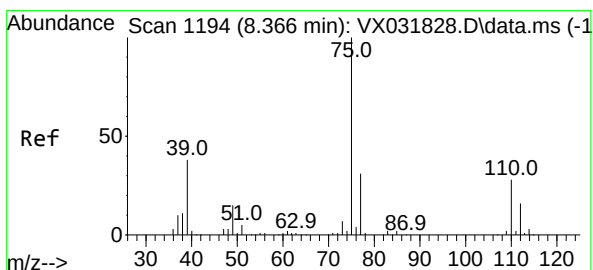
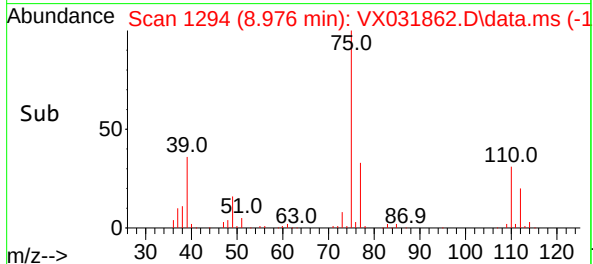
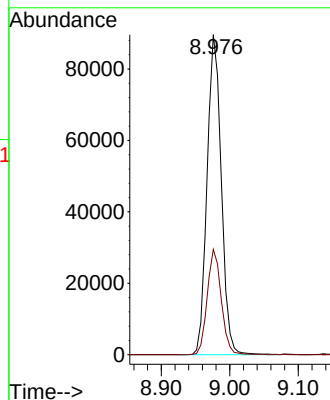
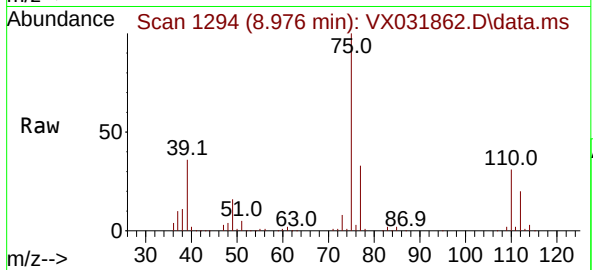
77 32.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#54

cis-1,3-Dichloropropene

Concen: 50.120 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

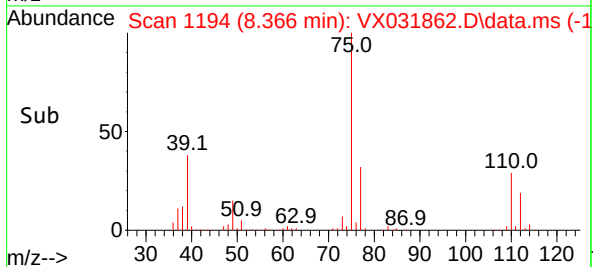
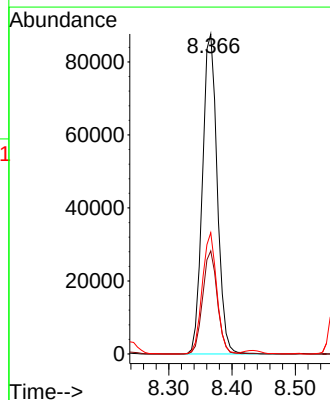
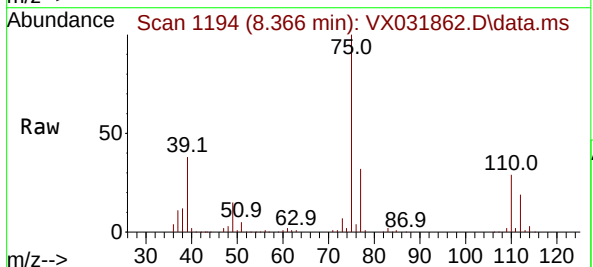
Tgt Ion: 75 Resp: 142395

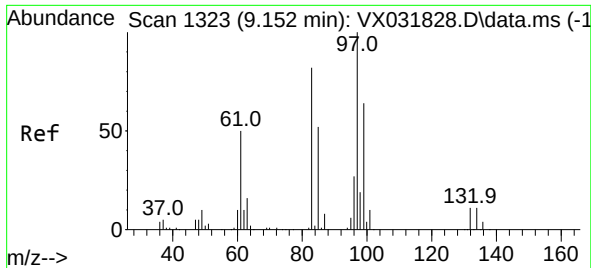
Ion Ratio Lower Upper

75 100

77 32.2 24.4 36.6

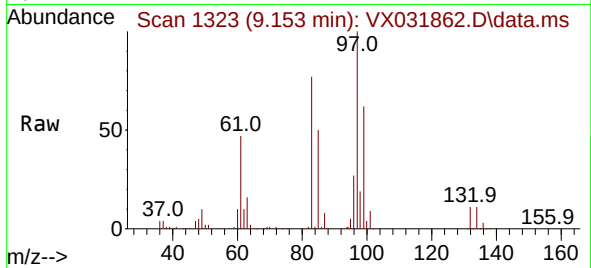
39 37.9 43.7 65.5#





#55
1,1,2-Trichloroethane
Concen: 51.920 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

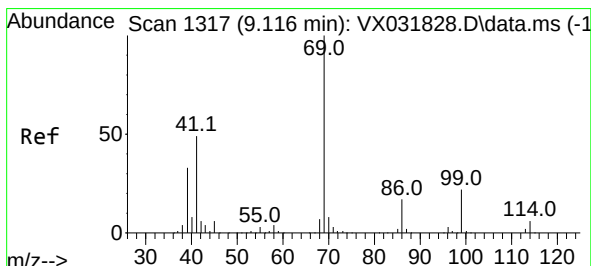
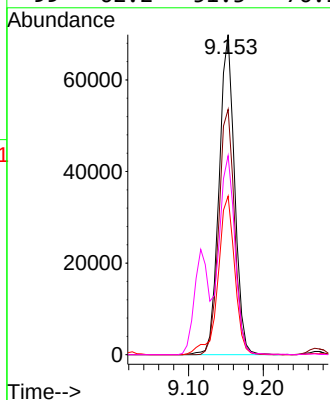
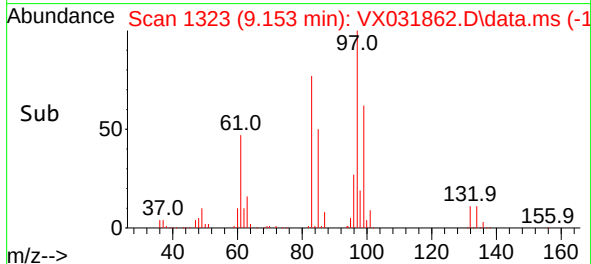
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



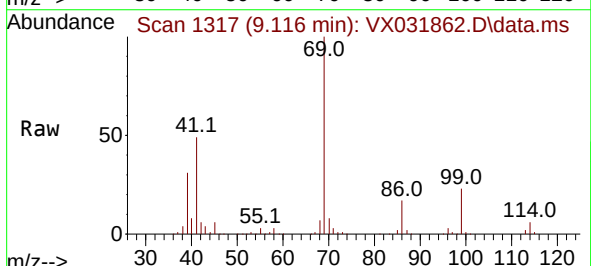
Tgt Ion: 97 Resp: 100938
Ion Ratio Lower Upper
97 100
83 76.6 69.0 103.6
85 49.5 44.1 66.1
99 62.2 51.3 76.9

Manual Integrations
APPROVED

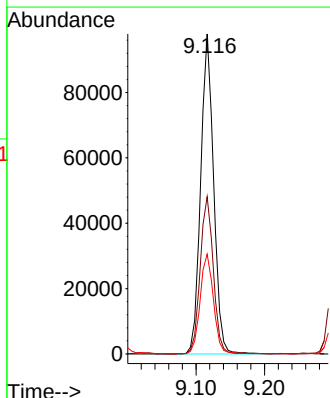
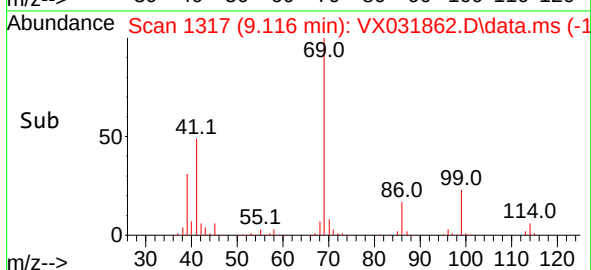
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

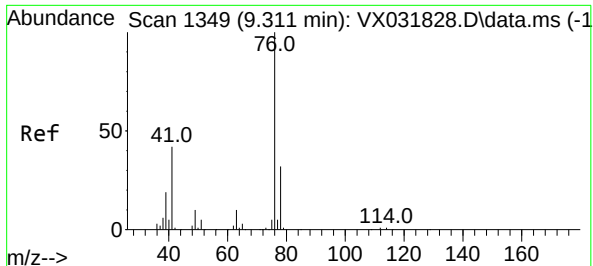


#56
Ethyl methacrylate
Concen: 57.425 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion: 69 Resp: 129085
Ion Ratio Lower Upper
69 100
41 49.9 54.2 81.4#
39 32.5 34.2 51.2#





#57

1,3-Dichloropropane

Concen: 49.875 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 150580

Ion Ratio Lower Upper

76 100

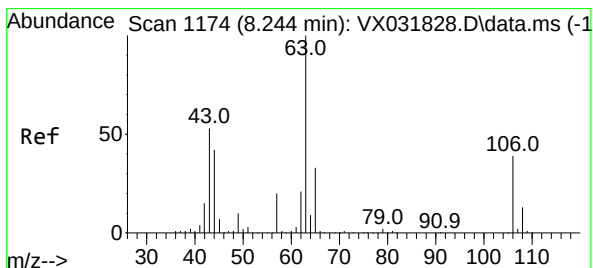
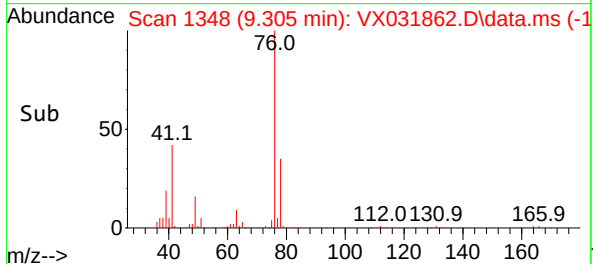
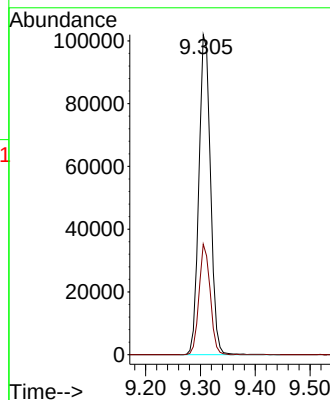
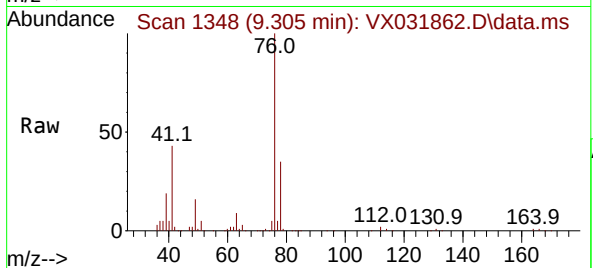
78 33.1 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 258.937 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX031862.D

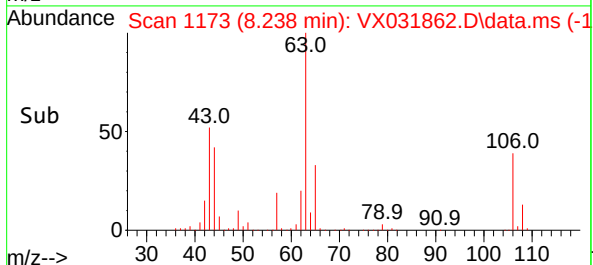
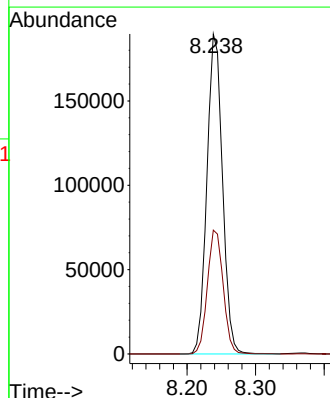
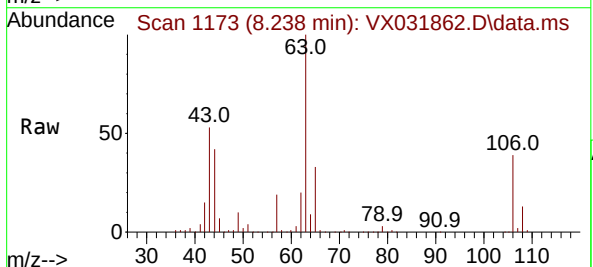
Acq: 04 Oct 2022 10:53

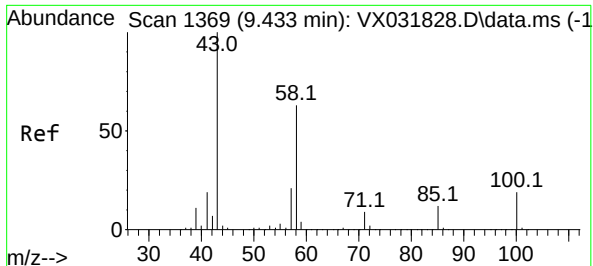
Tgt Ion: 63 Resp: 299939

Ion Ratio Lower Upper

63 100

106 39.2 22.6 34.0#





#59

2-Hexanone

Concen: 254.136 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 34184

Ion Ratio Lower Upper

43 100

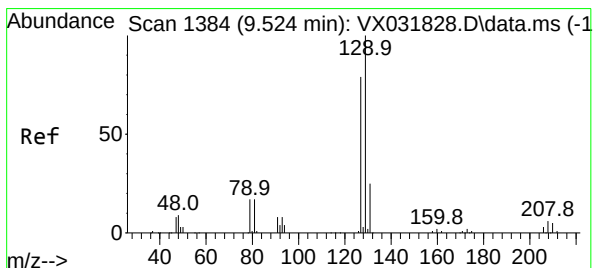
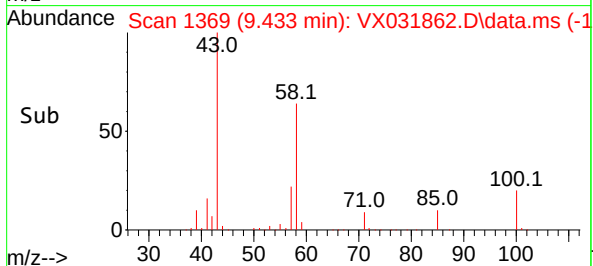
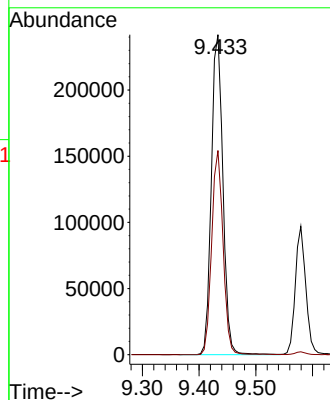
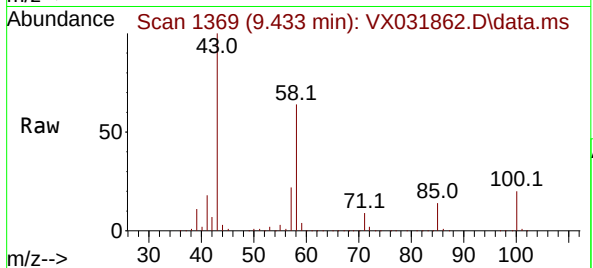
58 62.9 26.7 80.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#60

Dibromochloromethane

Concen: 51.468 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX031862.D

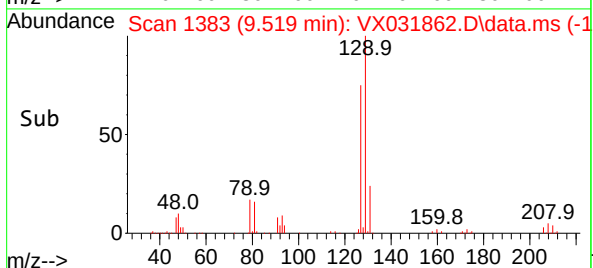
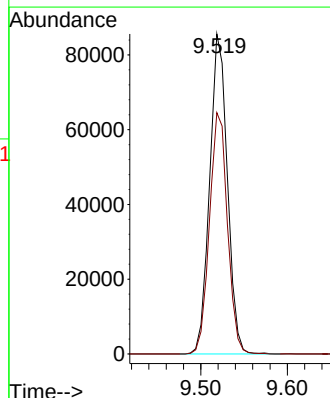
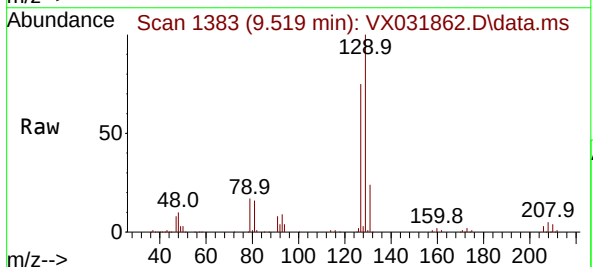
Acq: 04 Oct 2022 10:53

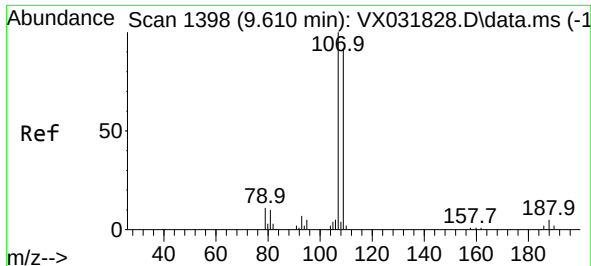
Tgt Ion:129 Resp: 121470

Ion Ratio Lower Upper

129 100

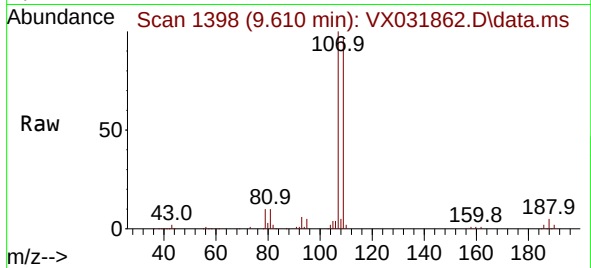
127 76.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 51.293 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

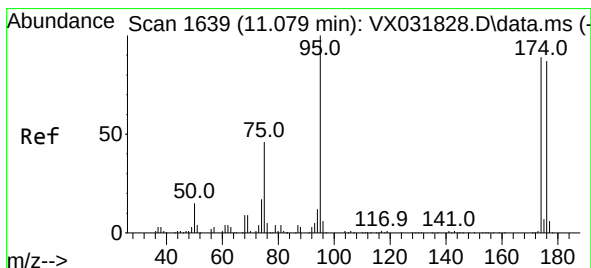
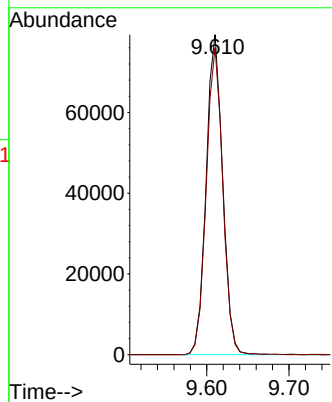
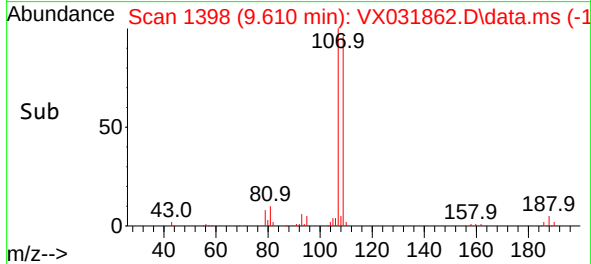
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



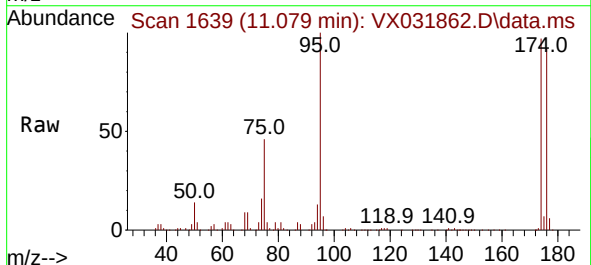
Tgt Ion:107 Resp: 110729
Ion Ratio Lower Upper
107 100
109 95.6 74.2 111.4

Manual Integrations
APPROVED

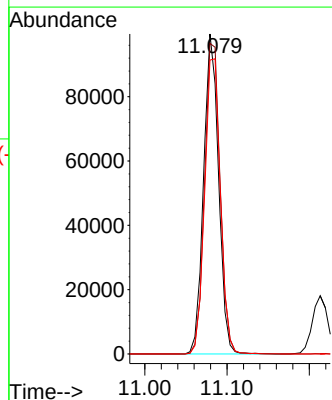
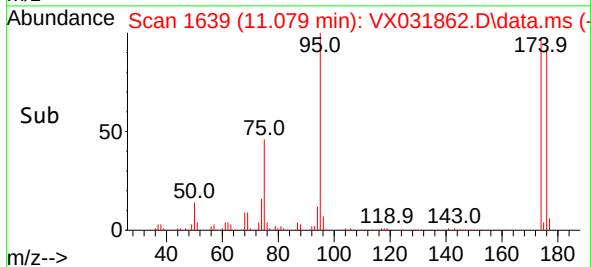
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

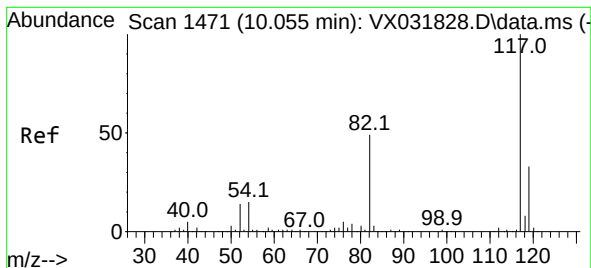


#62
4-Bromofluorobenzene
Concen: 50.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



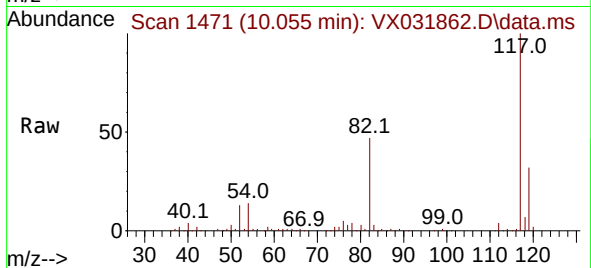
Tgt Ion: 95 Resp: 125624
Ion Ratio Lower Upper
95 100
174 101.4 0.0 153.2
176 97.0 0.0 144.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

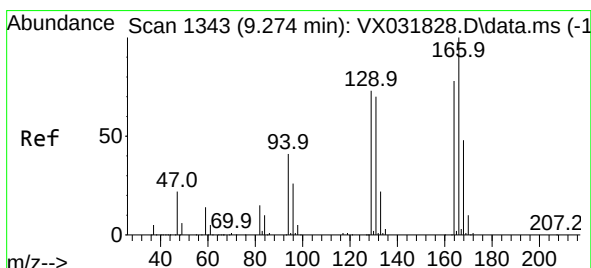
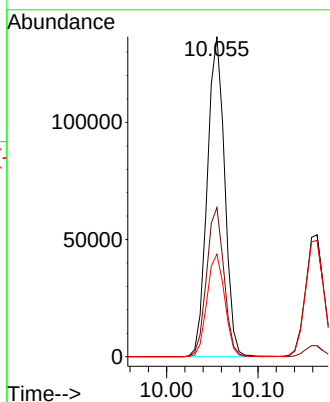
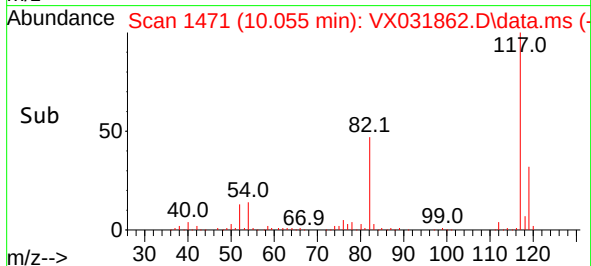
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 180075
Ion Ratio Lower Upper
117 100
82 46.6 46.8 70.2
119 32.1 26.4 39.6

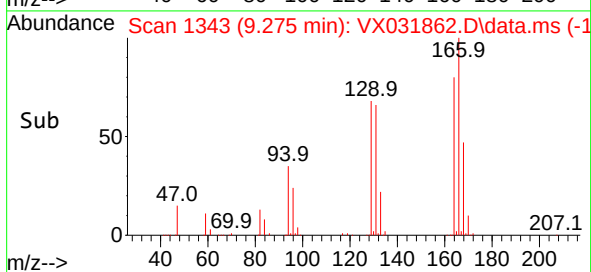
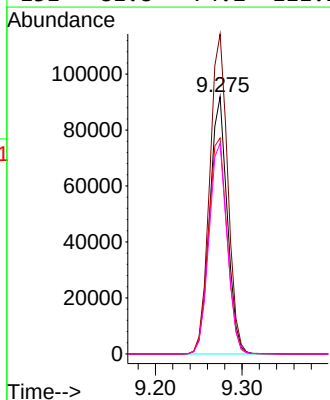
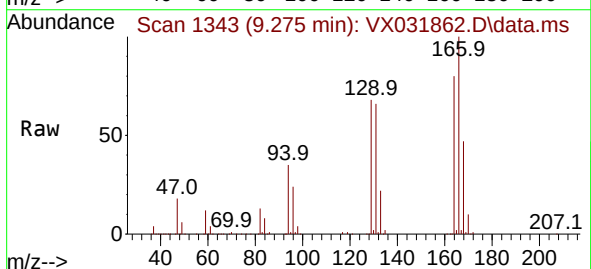
Manual Integrations
APPROVED

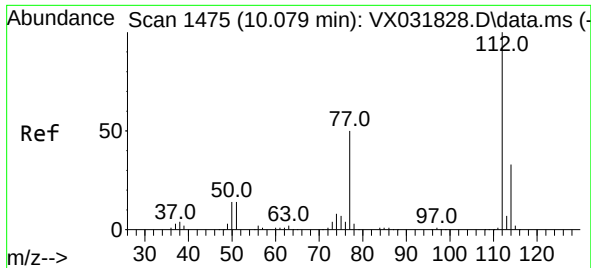
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#64
Tetrachloroethene
Concen: 57.599 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

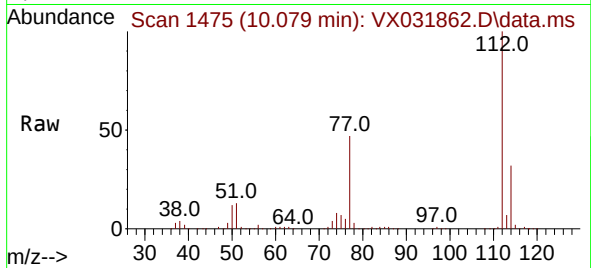
Tgt Ion:164 Resp: 129675
Ion Ratio Lower Upper
164 100
166 124.4 99.0 148.4
129 84.0 78.0 117.0
131 81.8 74.2 111.2





#65
Chlorobenzene
Concen: 53.461 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

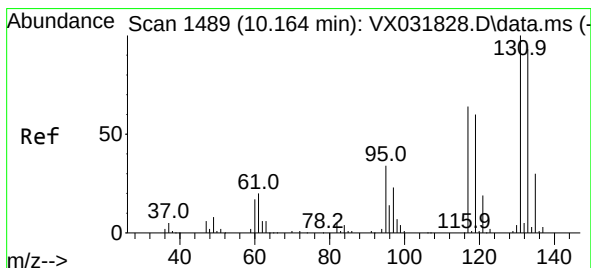
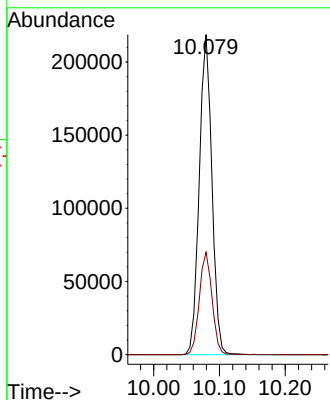
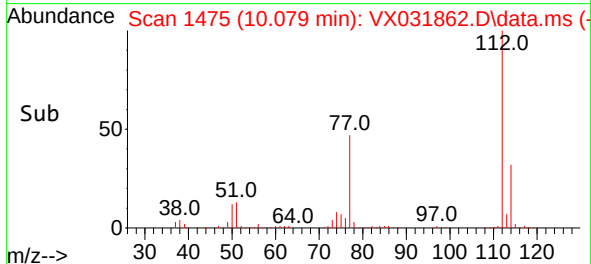
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



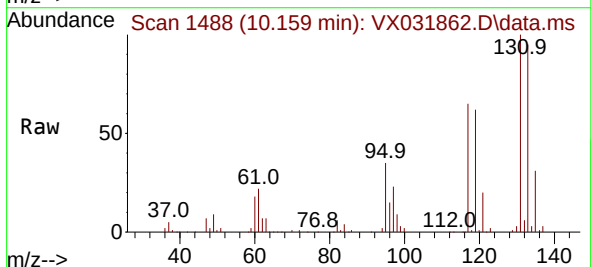
Tgt Ion:112 Resp: 291911
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

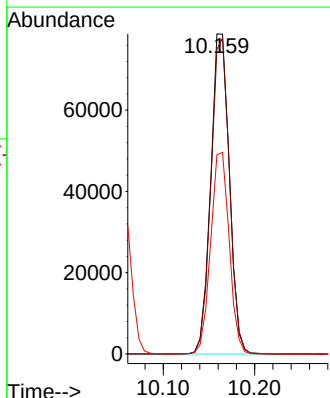
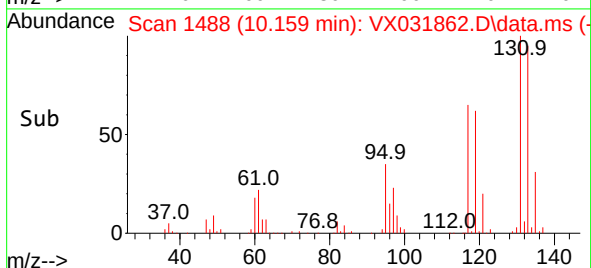
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

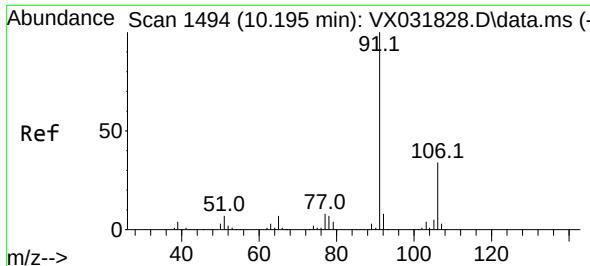


#66
1,1,1,2-Tetrachloroethane
Concen: 53.143 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



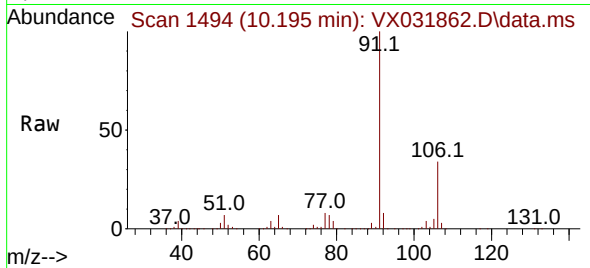
Tgt Ion:131 Resp: 111690
Ion Ratio Lower Upper
131 100
133 97.7 46.6 139.7
119 62.6 31.9 95.9





#67
Ethyl Benzene
Concen: 52.678 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

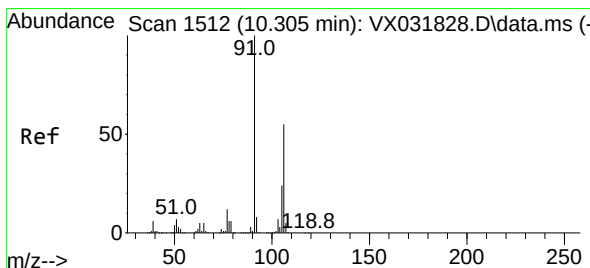
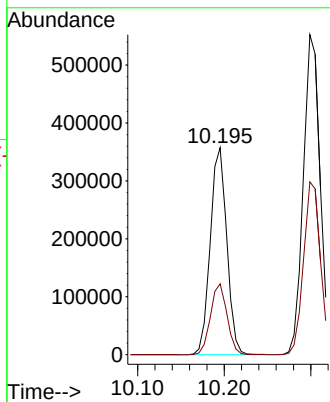
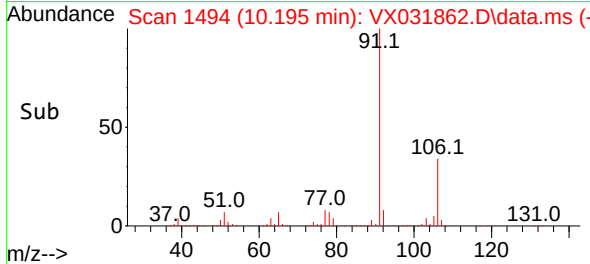
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



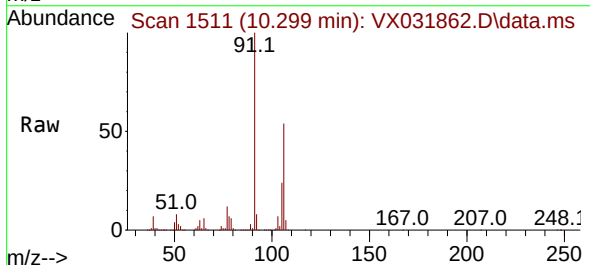
Tgt Ion: 91 Resp: 47347
Ion Ratio Lower Upper
91 100
106 34.2 25.2 37.8

Manual Integrations
APPROVED

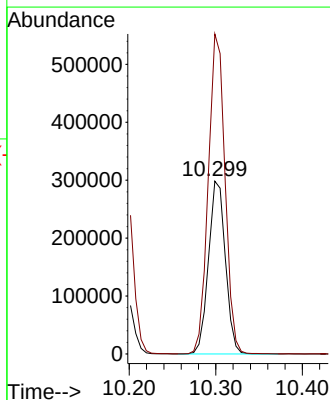
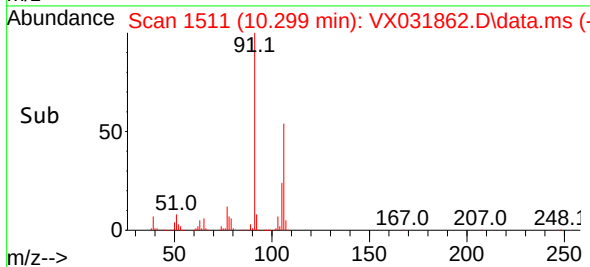
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

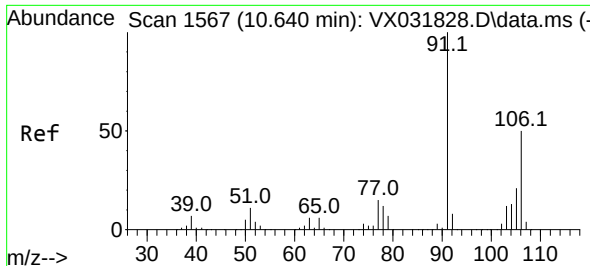


#68
m/p-Xylenes
Concen: 108.871 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion:106 Resp: 403982
Ion Ratio Lower Upper
106 100
91 184.0 161.0 241.4





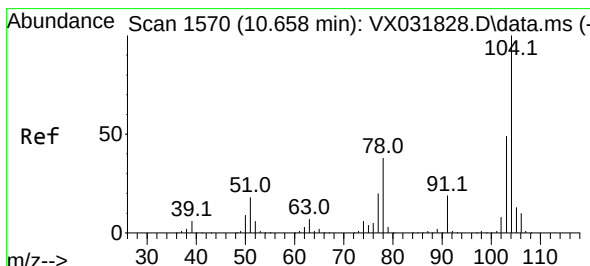
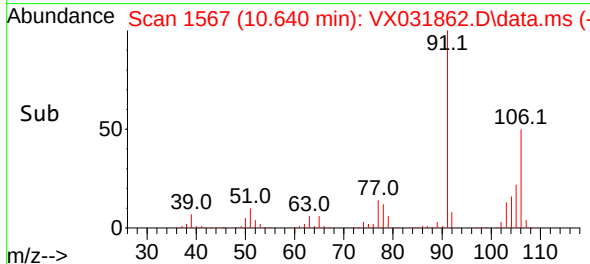
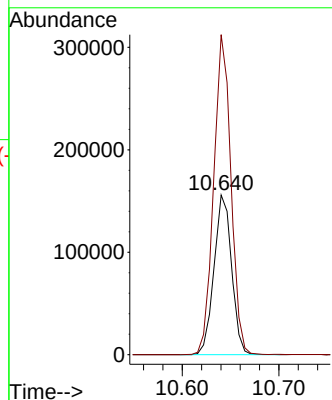
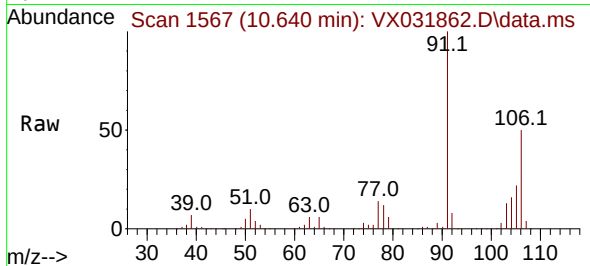
#69
o-Xylene
Concen: 55.084 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 196917
Ion Ratio Lower Upper
106 100
91 196.7 107.2 321.6

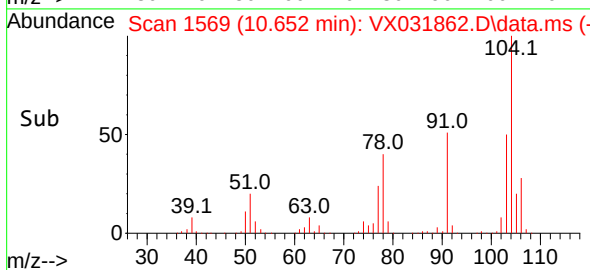
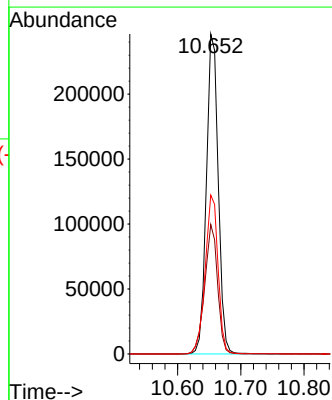
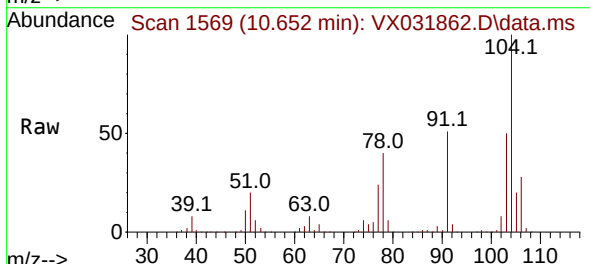
Manual Integrations
APPROVED

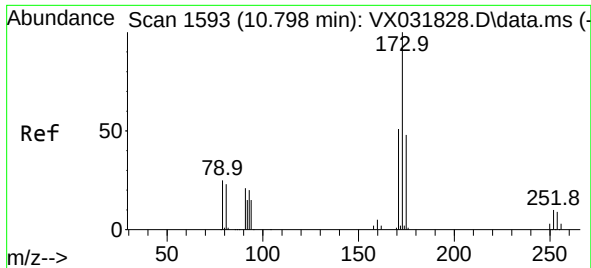
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#70
Styrene
Concen: 55.414 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

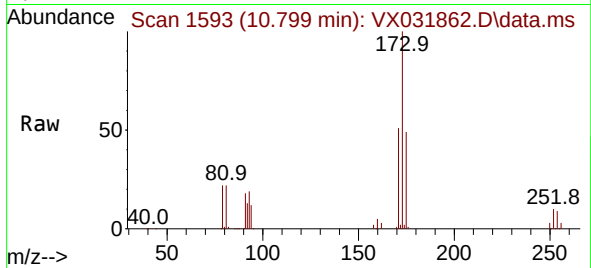
Tgt Ion:104 Resp: 321989
Ion Ratio Lower Upper
104 100
78 44.0 41.4 62.2
103 54.0 43.8 65.8





#71
Bromoform
Concen: 53.721 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

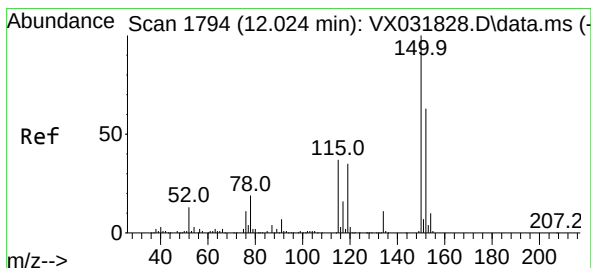
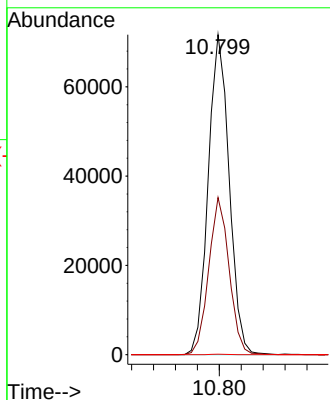
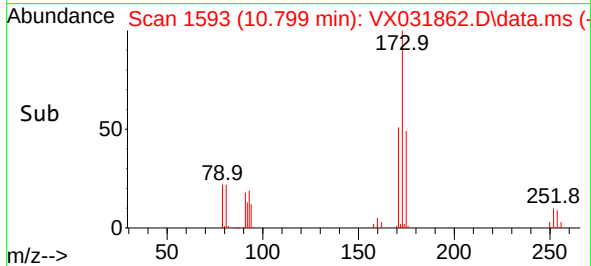
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



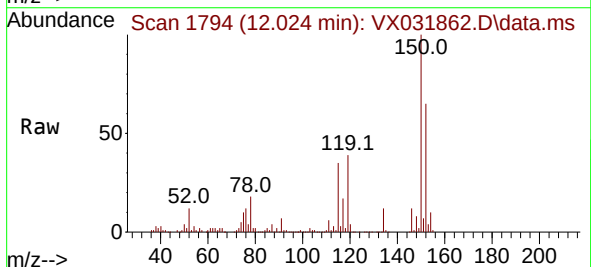
Tgt Ion:173 Resp: 9494
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

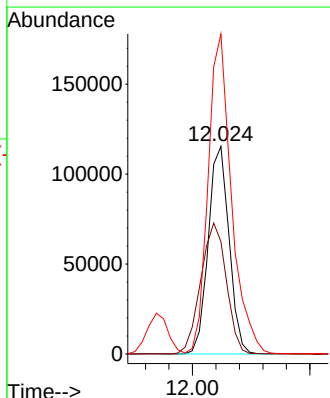
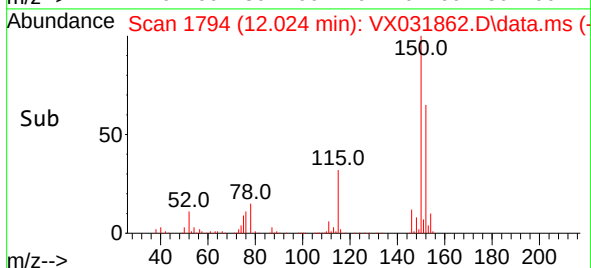
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

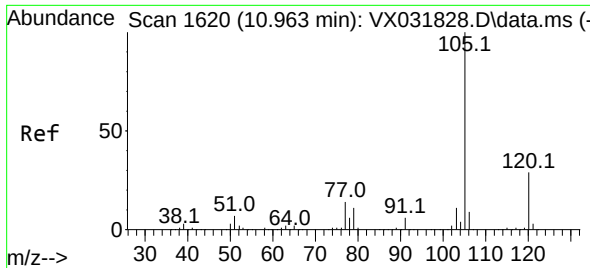


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



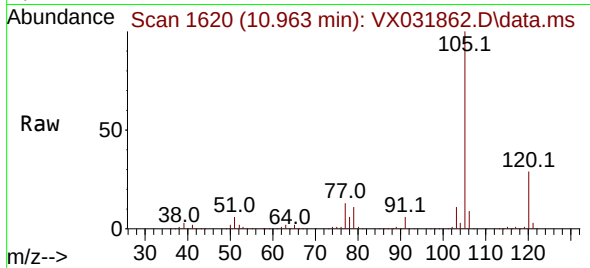
Tgt Ion:152 Resp: 142077
Ion Ratio Lower Upper
152 100
115 77.4 43.4 130.1
150 172.5 0.0 346.8





#73
Isopropylbenzene
Concen: 50.968 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

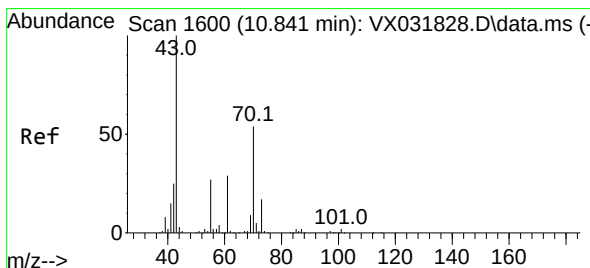
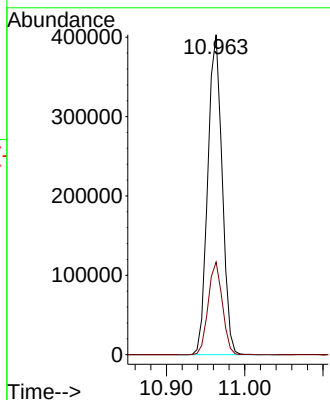
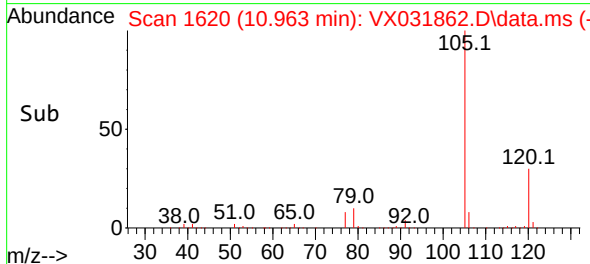
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



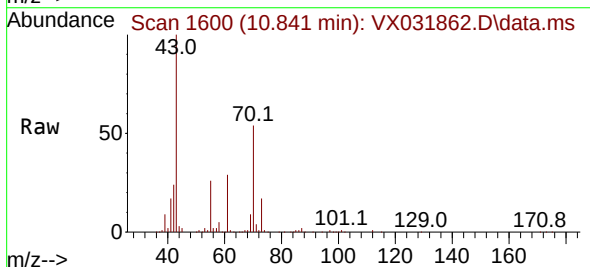
Tgt Ion:105 Resp: 51149
Ion Ratio Lower Upper
105 100
120 28.5 13.7 41.0

Manual Integrations
APPROVED

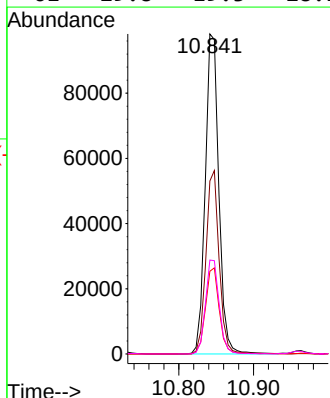
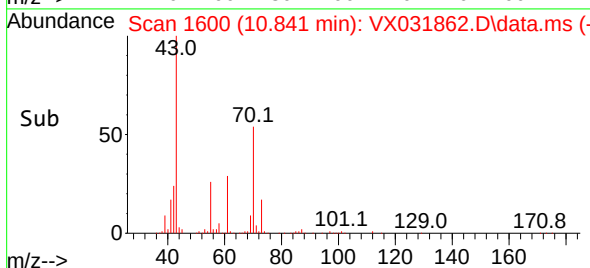
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

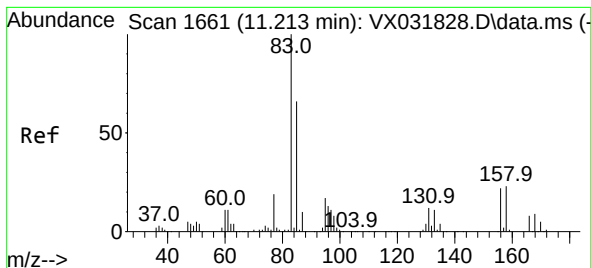


#74
N-ethyl acetate
Concen: 52.666 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.007 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion: 43 Resp: 123788
Ion Ratio Lower Upper
43 100
70 55.6 33.4 50.2#
55 27.4 18.2 27.2#
61 29.8 19.3 28.9#





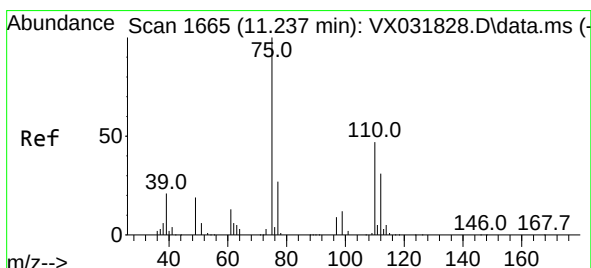
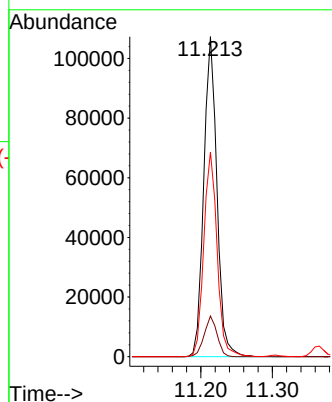
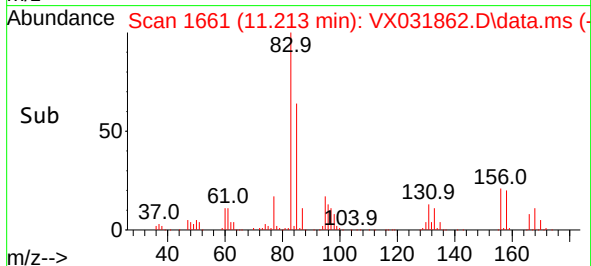
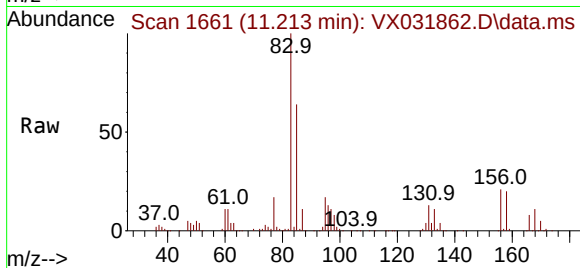
#75
1,1,2,2-Tetrachloroethane
Concen: 48.061 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 137289
Ion Ratio Lower Upper
83 100
131 12.5 5.1 15.4
85 64.7 32.6 97.8

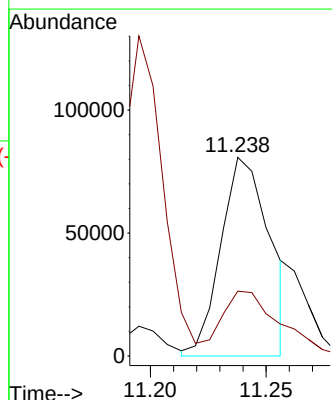
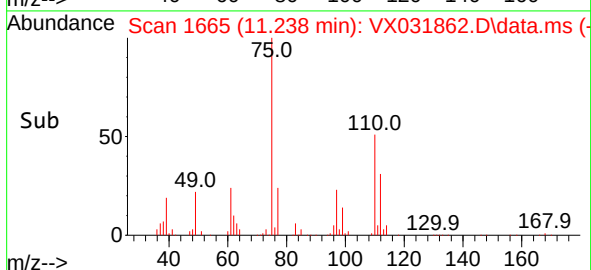
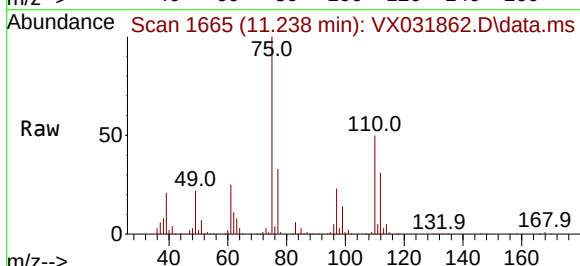
Manual Integrations
APPROVED

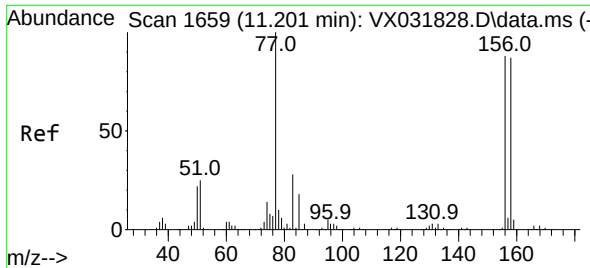
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#76
1,2,3-Trichloropropane
Concen: 45.712 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

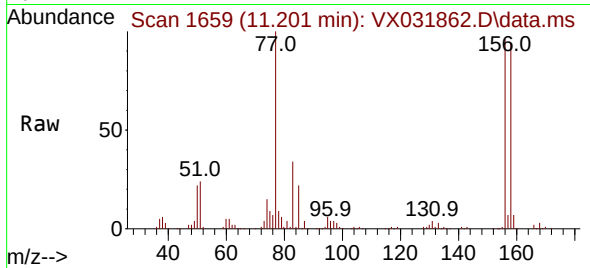
Tgt Ion: 75 Resp: 118164
Ion Ratio Lower Upper
75 100
77 39.4 20.3 60.9





#77
Bromobenzene
Concen: 53.235 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

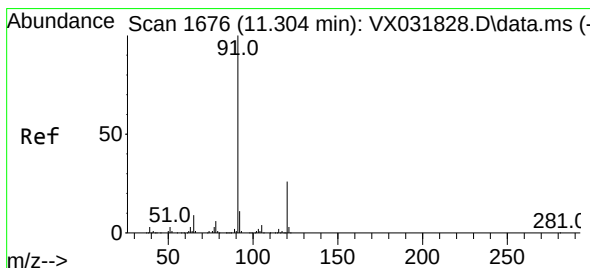
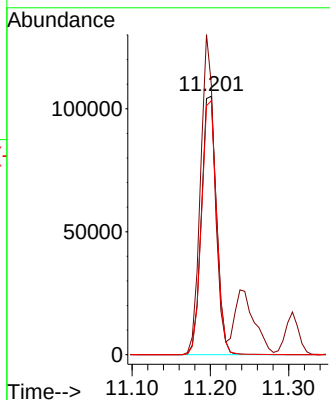
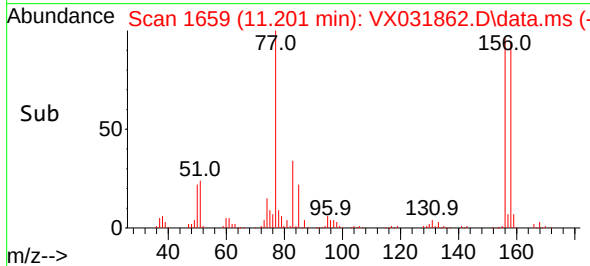
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



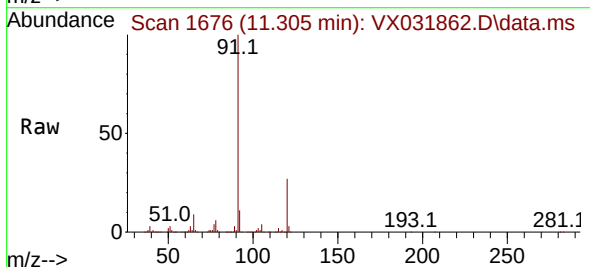
Tgt Ion:156 Resp: 140909
Ion Ratio Lower Upper
156 100
77 115.5 79.5 238.6
158 97.7 48.4 145.3

Manual Integrations
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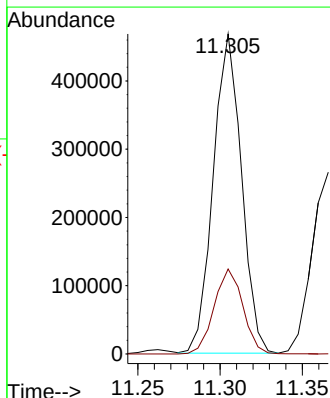
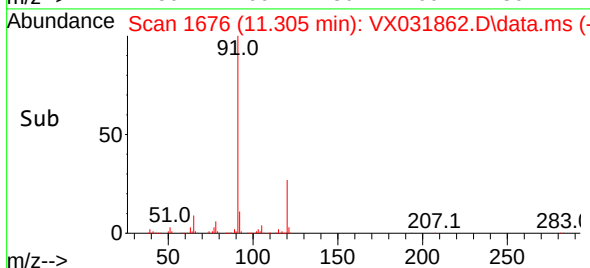
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

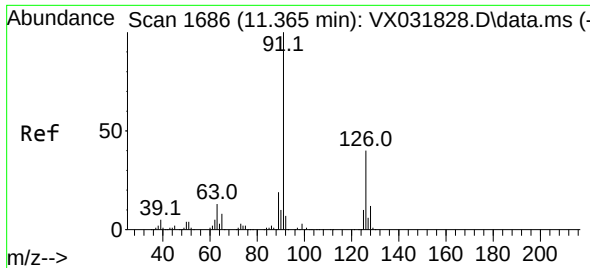


#78
n-propylbenzene
Concen: 50.859 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion: 91 Resp: 557864
Ion Ratio Lower Upper
91 100
120 27.1 11.8 35.4





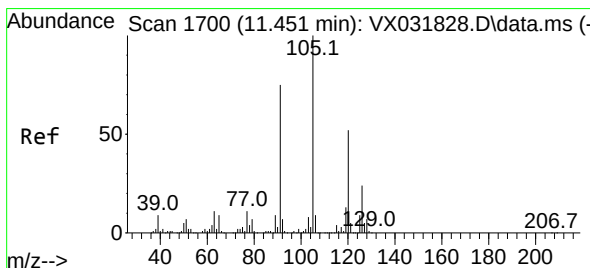
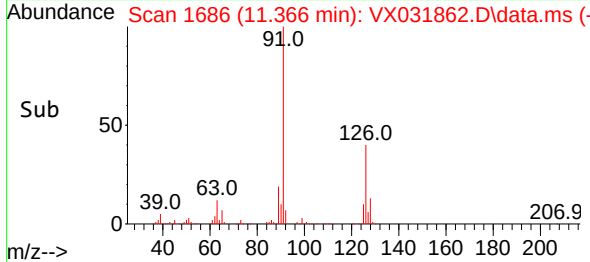
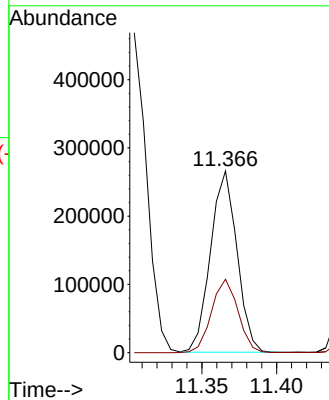
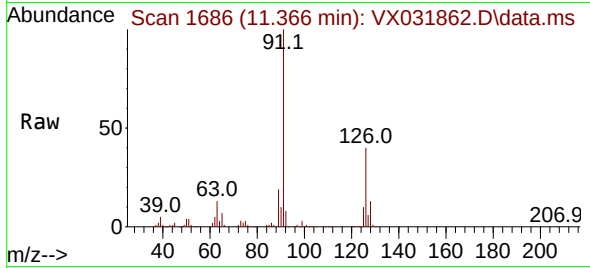
#79
2-Chlorotoluene
Concen: 49.360 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 32714
Ion Ratio Lower Upper
91 100
126 40.5 17.4 52.3

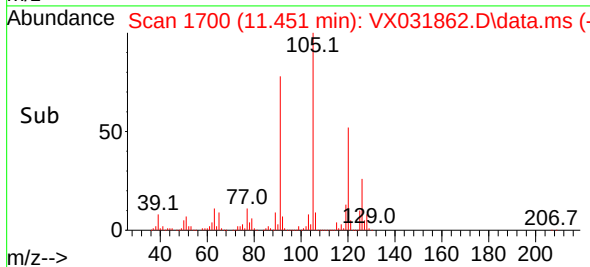
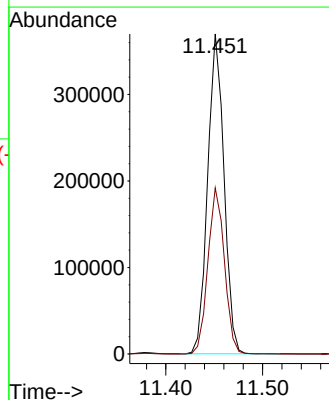
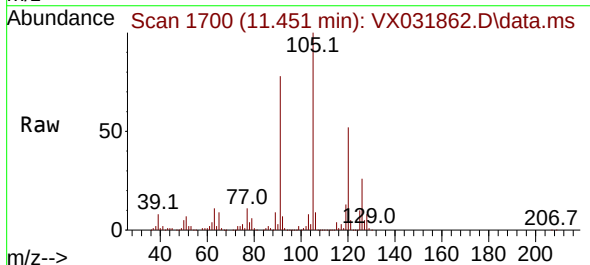
Manual Integrations
APPROVED

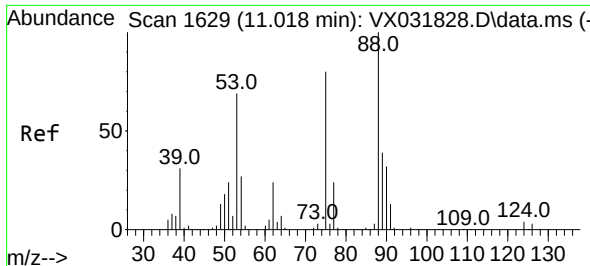
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.863 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

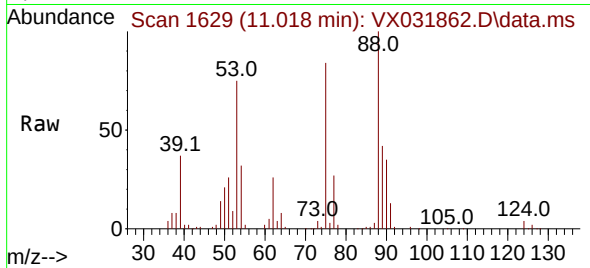
Tgt Ion:105 Resp: 434623
Ion Ratio Lower Upper
105 100
120 52.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.465 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

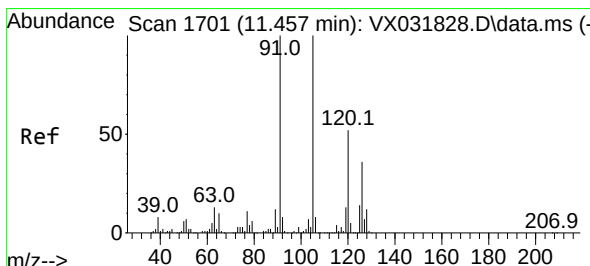
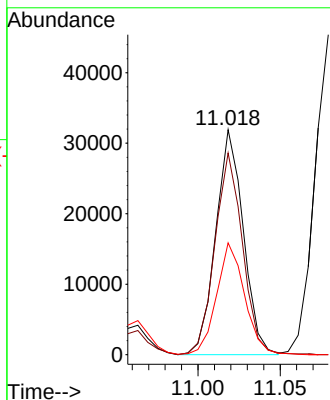
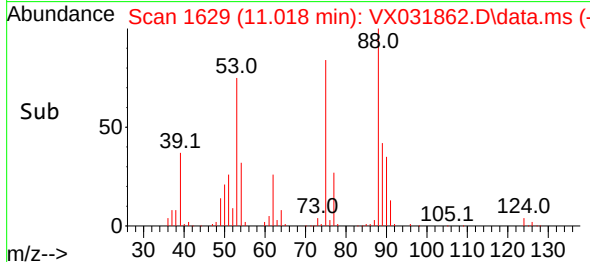
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
53 89.9 77.6 116.4
89 50.6 37.4 56.0

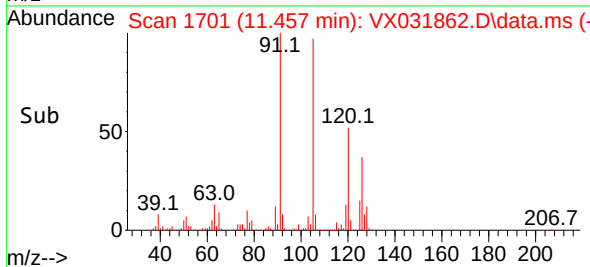
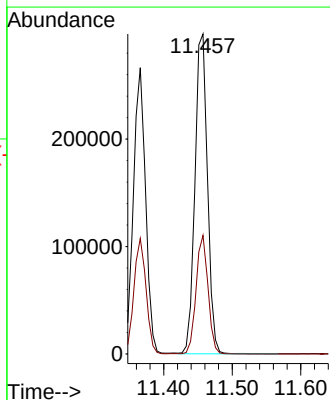
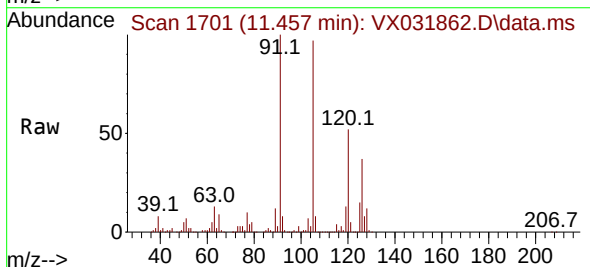
Manual Integrations
APPROVED

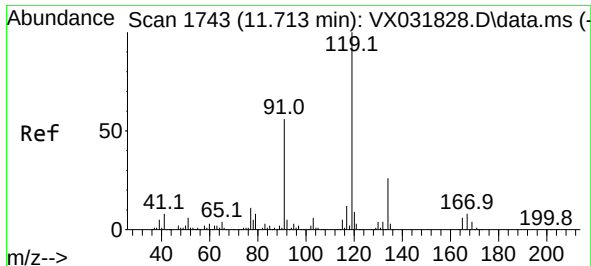
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#82
4-Chlorotoluene
Concen: 49.587 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

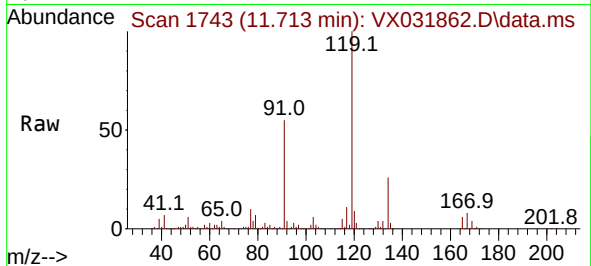
Tgt Ion: 91 Resp: 379342
Ion Ratio Lower Upper
91 100
126 35.5 15.1 45.3





#83
tert-Butylbenzene
Concen: 51.934 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

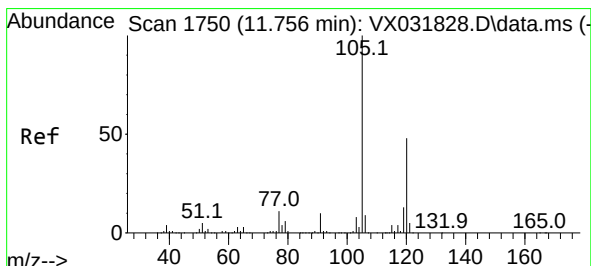
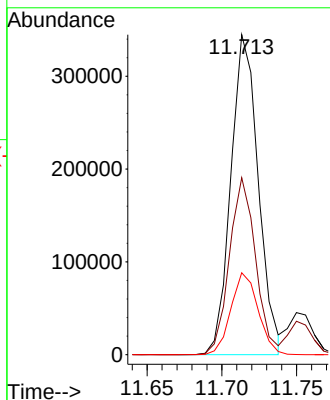
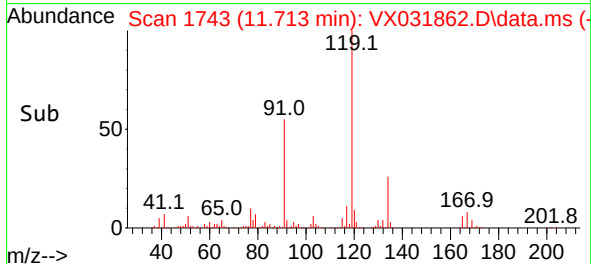
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



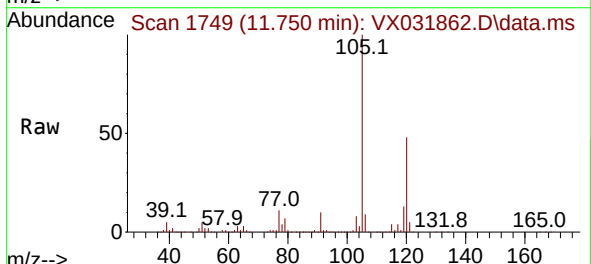
Tgt Ion:119 Resp: 439900
Ion Ratio Lower Upper
119 100
91 52.8 29.2 87.6
134 25.4 11.6 34.8

Manual Integrations
APPROVED

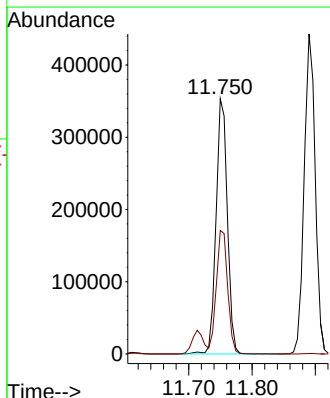
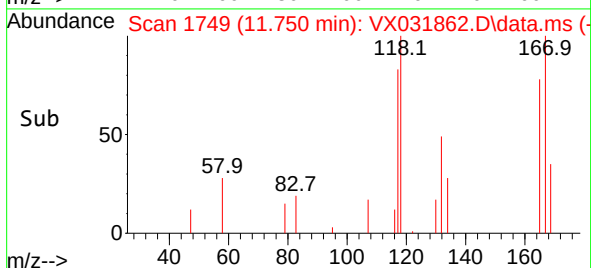
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

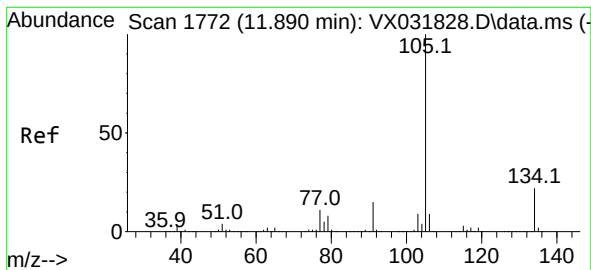


#84
1,2,4-Trimethylbenzene
Concen: 52.207 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



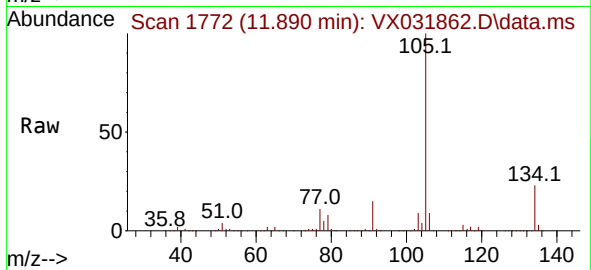
Tgt Ion:105 Resp: 435432
Ion Ratio Lower Upper
105 100
120 48.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 52.217 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031862.D
 Acq: 04 Oct 2022 10:53

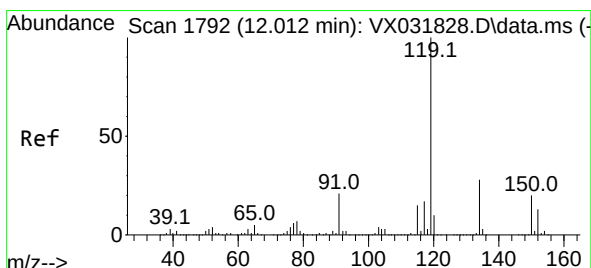
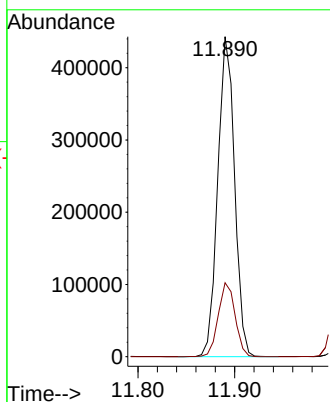
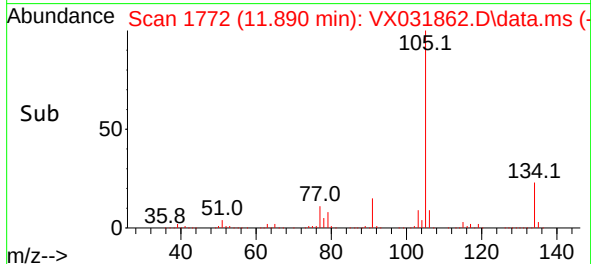
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



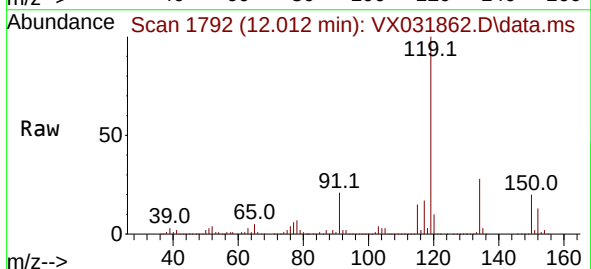
Tgt Ion:105 Resp: 532452
 Ion Ratio Lower Upper
 105 100
 134 23.2 10.4 31.1

Manual Integrations
 APPROVED

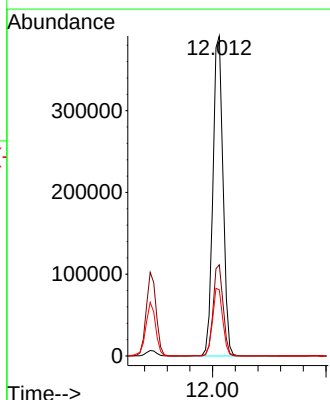
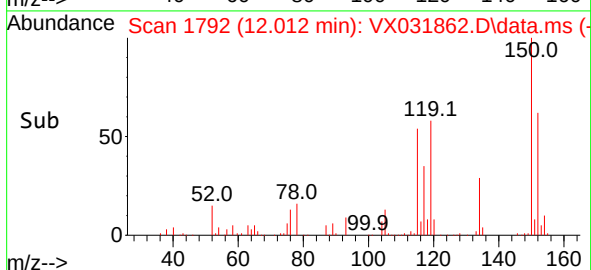
Reviewed By :John Carlone 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

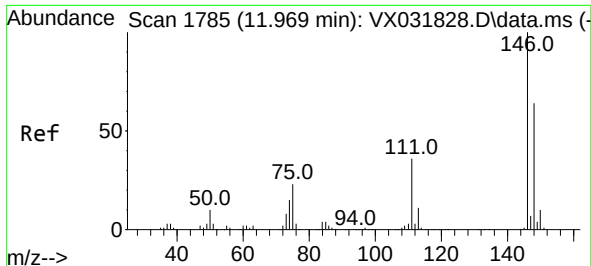


#86
 p-Isopropyltoluene
 Concen: 54.397 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031862.D
 Acq: 04 Oct 2022 10:53



Tgt Ion:119 Resp: 484076
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.4 40.2
 91 21.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 54.453 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 271959

Ion Ratio Lower Upper

146 100

111 36.6 19.8 59.4

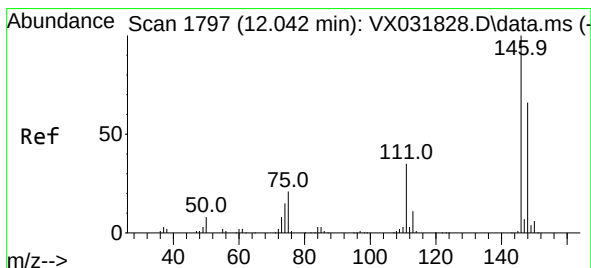
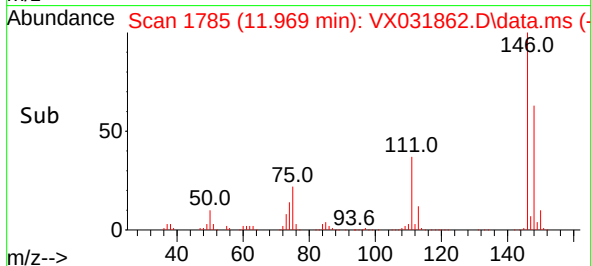
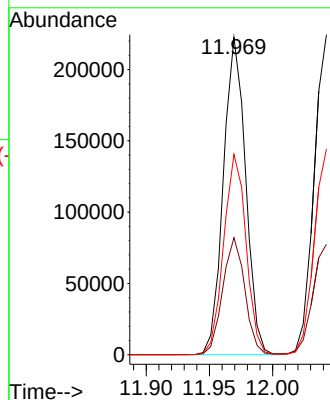
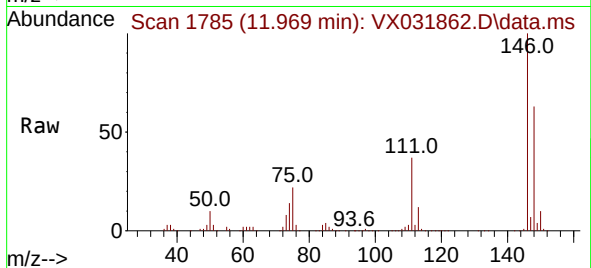
148 63.6 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#88

1,4-Dichlorobenzene

Concen: 52.714 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

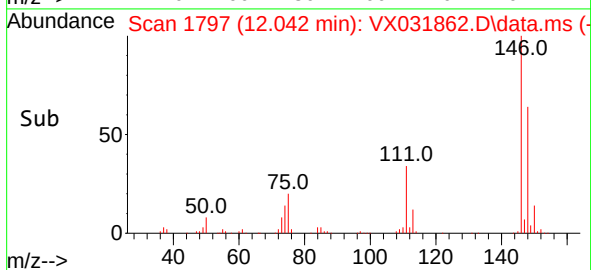
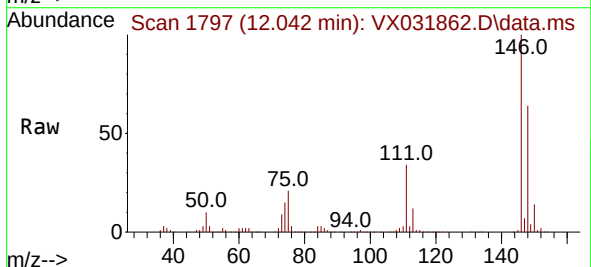
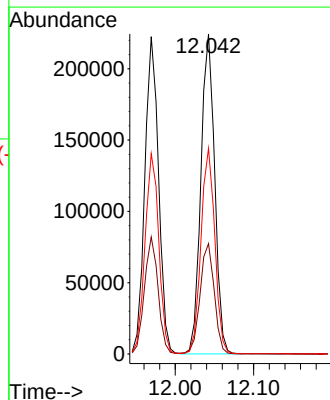
Tgt Ion:146 Resp: 274974

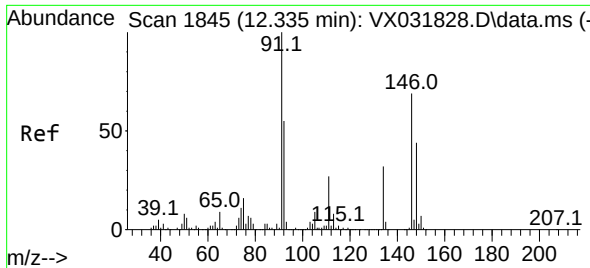
Ion Ratio Lower Upper

146 100

111 35.6 20.5 61.5

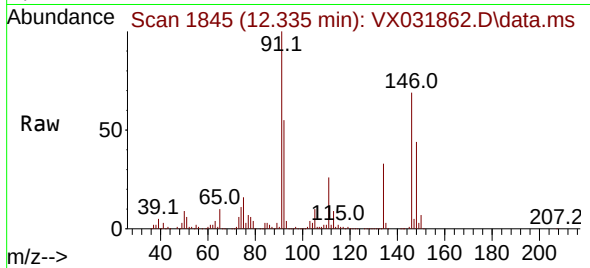
148 64.4 32.0 96.2





#89
n-Butylbenzene
Concen: 52.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

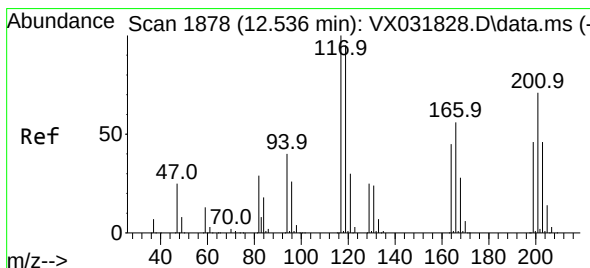
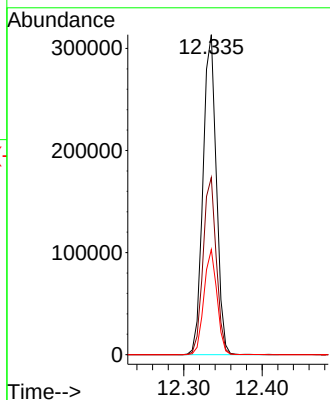
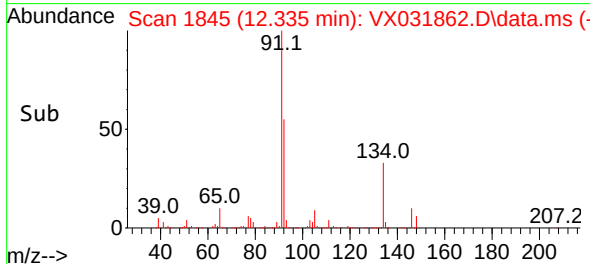
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37048
Ion Ratio Lower Upper
91 100
92 54.9 27.0 81.0
134 32.1 13.3 39.9

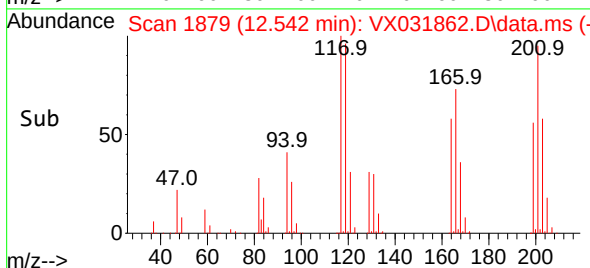
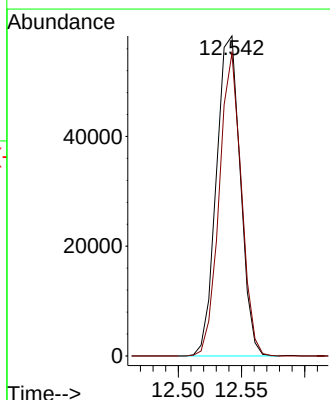
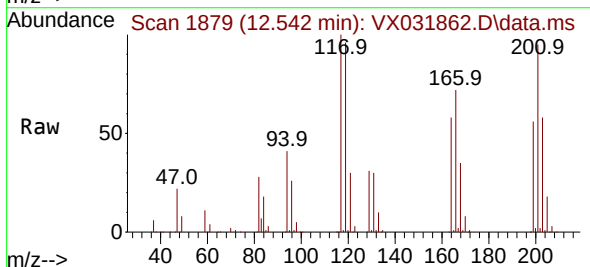
Manual Integrations
APPROVED

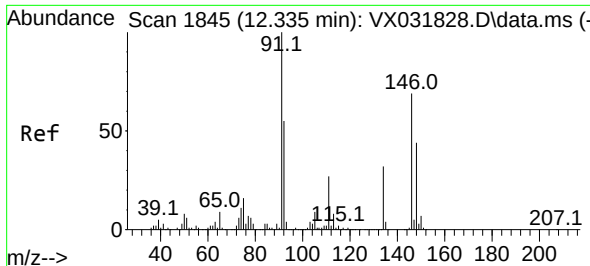
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#90
Hexachloroethane
Concen: 47.832 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

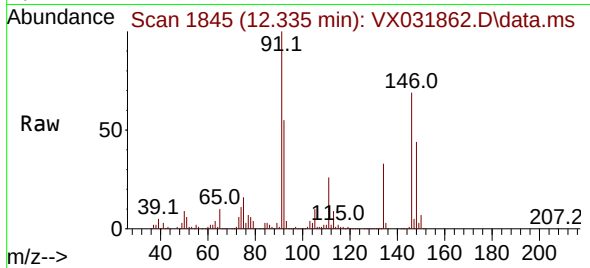
Tgt Ion:117 Resp: 76786
Ion Ratio Lower Upper
117 100
201 87.0 34.8 104.4





#91
1,2-Dichlorobenzene
Concen: 53.400 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

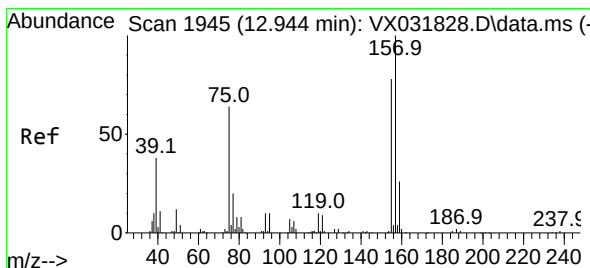
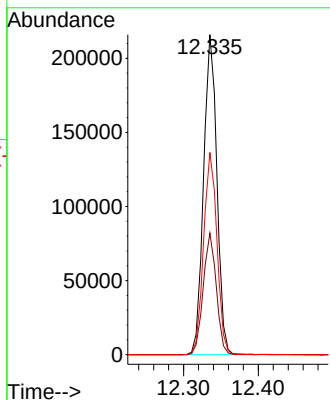
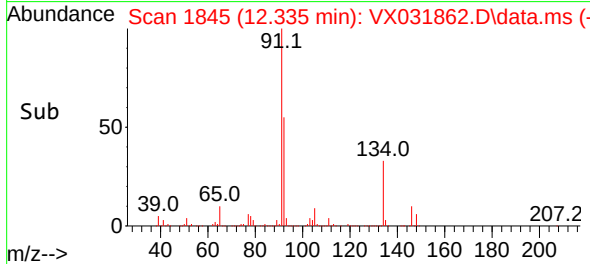
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 267094
Ion Ratio Lower Upper
146 100
111 37.3 20.6 61.8
148 63.6 31.6 95.0

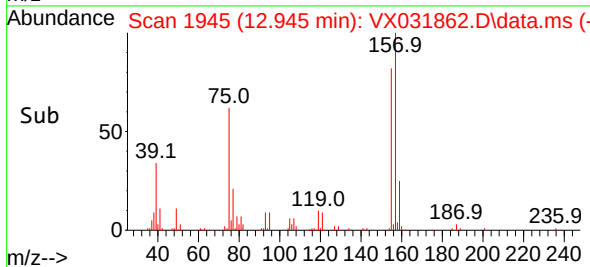
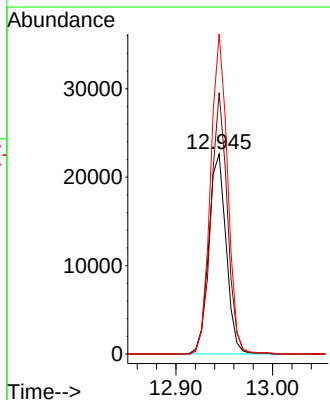
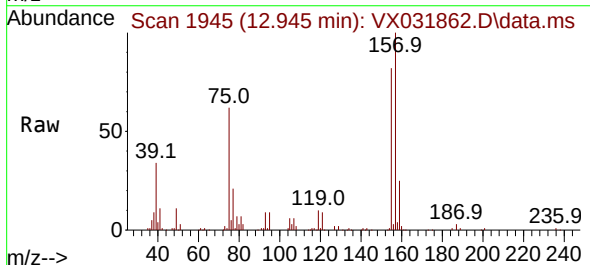
Manual Integrations
APPROVED

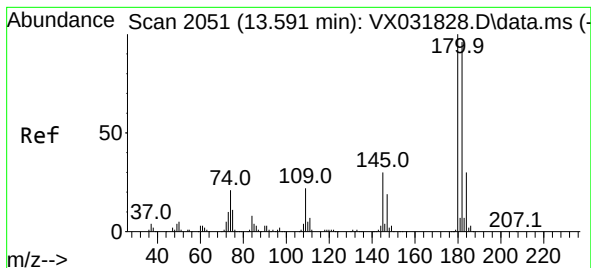
Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.383 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

Tgt Ion: 75 Resp: 28463
Ion Ratio Lower Upper
75 100
155 122.6 40.3 120.8#
157 155.4 51.5 154.5#





#93

1,2,4-Trichlorobenzene

Concen: 60.502 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

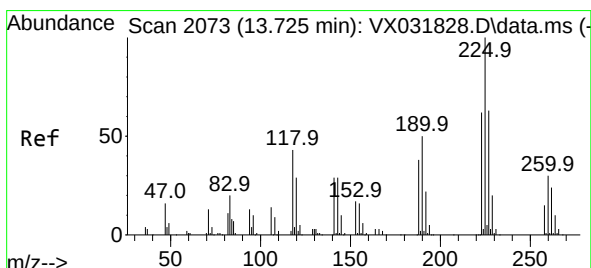
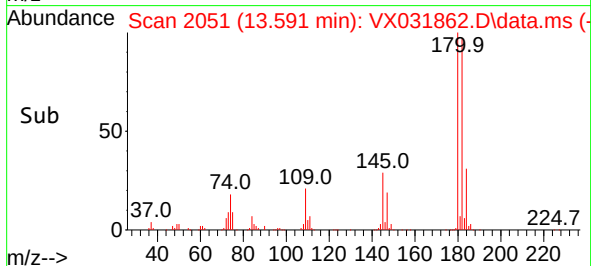
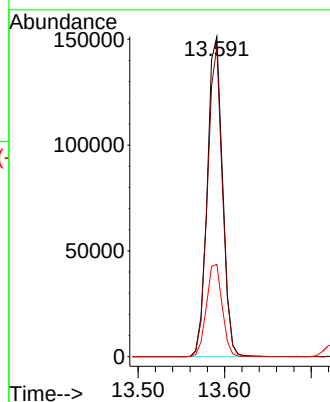
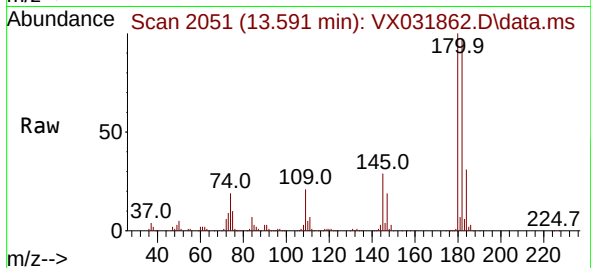
Tgt Ion:	180	Resp:	18521
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.6
145	29.8	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#94

Hexachlorobutadiene

Concen: 61.874 ug/l

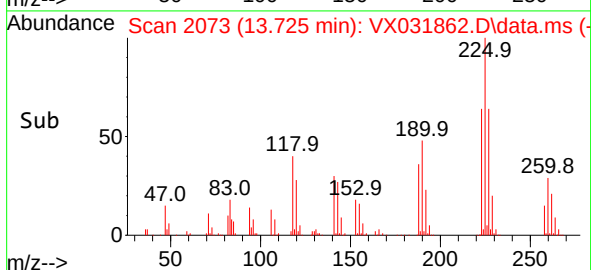
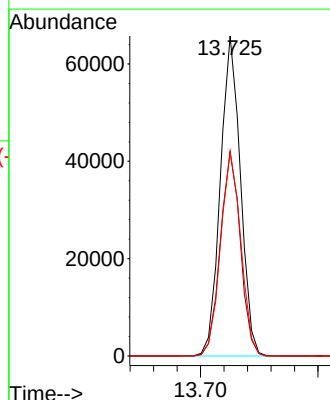
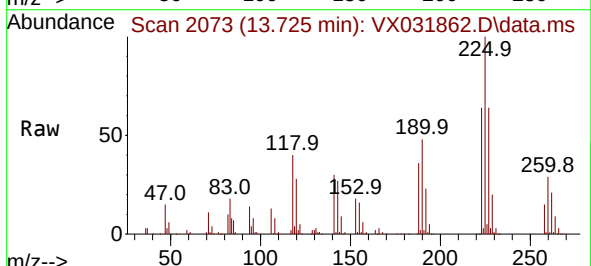
RT: 13.725 min Scan# 2073

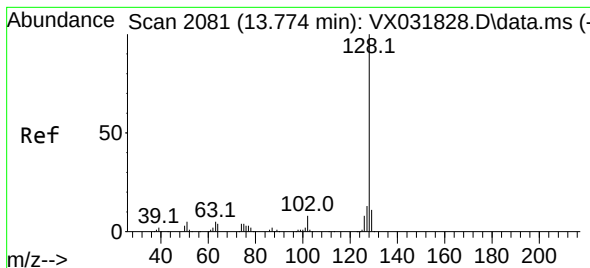
Delta R.T. 0.000 min

Lab File: VX031862.D

Acq: 04 Oct 2022 10:53

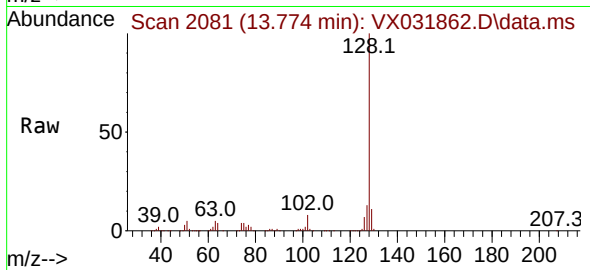
Tgt Ion:	225	Resp:	77939
Ion Ratio	Lower	Upper	
225	100		
223	63.8	30.8	92.4
227	64.3	32.3	96.9





#95
Naphthalene
Concen: 57.159 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53

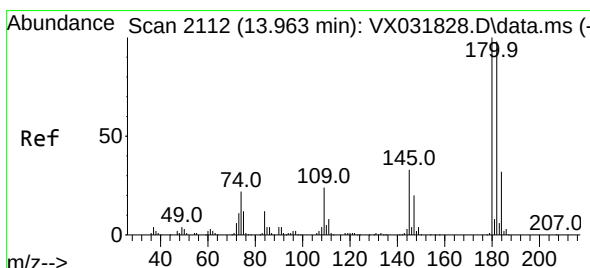
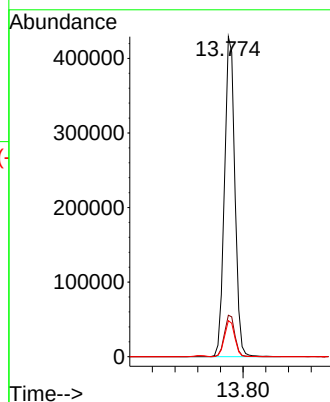
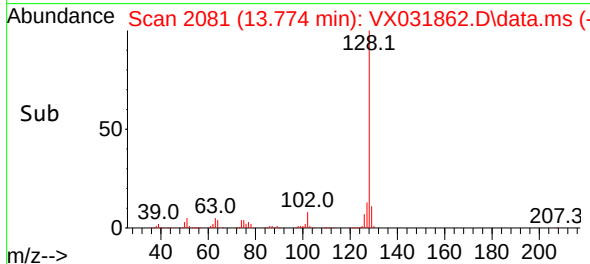
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



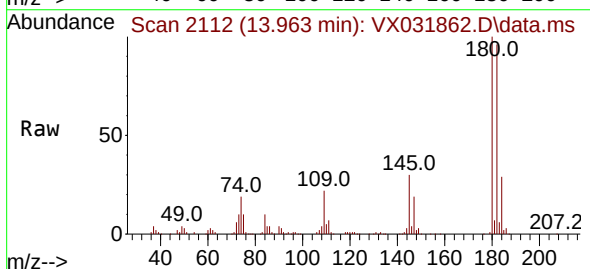
Tgt Ion:128 Resp: 545049
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 60.924 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031862.D
Acq: 04 Oct 2022 10:53



Tgt Ion:180 Resp: 180850
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.8
145 31.0 17.6 52.8

