

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033058.D
 Acq On : 25 Nov 2022 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 00:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68120	50.710	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.385	113	60027	49.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.260%			
50) Toluene-d8	8.647	98	183303	50.384	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	82428	51.879	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	53025	50.442	ug/l	97
3) Chloromethane	1.295	50	55076	48.532	ug/l	99
4) Vinyl Chloride	1.374	62	65498	51.835	ug/l	98
5) Bromomethane	1.618	94	47322	50.504	ug/l	97
6) Chloroethane	1.691	64	54507	52.987	ug/l	98
7) Trichlorofluoromethane	1.886	101	133943	54.617	ug/l	99
8) Diethyl Ether	2.130	74	43111	55.836	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	73780	57.238	ug/l	98
10) Methyl Iodide	2.453	142	57904	39.241	ug/l	99
11) Tert butyl alcohol	3.014	59	56443m	265.725	ug/l	
12) 1,1-Dichloroethene	2.319	96	67185	55.953	ug/l	99
13) Acrolein	2.239	56	59521	243.952	ug/l	99
14) Allyl chloride	2.666	41	109384	56.426	ug/l	98
15) Acrylonitrile	3.069	53	166935	277.855	ug/l	99
16) Acetone	2.392	43	198745	317.590	ug/l	100
17) Carbon Disulfide	2.514	76	170352	51.351	ug/l	98
18) Methyl Acetate	2.703	43	97968	56.554	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	240661	57.792	ug/l	98
20) Methylene Chloride	2.788	84	73292	56.454	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	74140	53.978	ug/l	100
22) Diisopropyl ether	3.757	45	240665	57.015	ug/l	95
23) Vinyl Acetate	3.721	43	956738	289.555	ug/l	100
24) 1,1-Dichloroethane	3.605	63	135277	56.004	ug/l	99
25) 2-Butanone	4.562	43	256578	297.339	ug/l	99
26) 2,2-Dichloropropane	4.477	77	116876	60.177	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	87534	56.091	ug/l	99
28) Bromochloromethane	4.891	49	58266	54.897	ug/l	98
29) Tetrahydrofuran	5.007	42	153426	280.203	ug/l	99
30) Chloroform	5.087	83	152002	56.185	ug/l	100
31) Cyclohexane	5.471	56	119762	55.160	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	140667	58.060	ug/l	99
36) 1,1-Dichloropropene	5.690	75	109515	56.626	ug/l	99
37) Ethyl Acetate	4.709	43	97282	57.655	ug/l	99
38) Carbon Tetrachloride	5.678	117	124429	57.996	ug/l	98
39) Methylcyclohexane	7.379	83	127591	57.820	ug/l	98
40) Benzene	6.038	78	304986	56.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54561	57.468	ug/l	98
42) 1,2-Dichloroethane	6.086	62	124049	56.817	ug/l	99
43) Isopropyl Acetate	6.336	43	164679	59.014	ug/l	100
44) Trichloroethene	7.123	130	85170	55.974	ug/l	98
45) 1,2-Dichloropropane	7.428	63	76683	57.223	ug/l	100
46) Dibromomethane	7.580	93	58257	55.715	ug/l	98
47) Bromodichloromethane	7.818	83	118249	58.525	ug/l	98
48) Methyl methacrylate	7.690	41	82932	57.737	ug/l	97
49) 1,4-Dioxane	7.708	88	31911	1206.900	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	503389	292.343	ug/l	99
52) Toluene	8.720	92	202292	56.704	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	125374	57.516	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	132961	61.043	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	81957	56.427	ug/l	98
56) Ethyl methacrylate	9.116	69	121694	60.811	ug/l	97
57) 1,3-Dichloropropane	9.305	76	134172	57.222	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	271542	285.747	ug/l	99
59) 2-Hexanone	9.427	43	392860	308.851	ug/l	98
60) Dibromochloromethane	9.519	129	95961	61.366	ug/l	100
61) 1,2-Dibromoethane	9.610	107	88512	57.736	ug/l	99
64) Tetrachloroethene	9.275	164	74385	53.266	ug/l	98
65) Chlorobenzene	10.080	112	221606	56.340	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	85994	59.667	ug/l	99
67) Ethyl Benzene	10.195	91	402978	57.755	ug/l	100
68) m/p-Xylenes	10.299	106	318494	116.567	ug/l	99
69) o-Xylene	10.640	106	153082	57.905	ug/l	99
70) Styrene	10.653	104	257313	59.494	ug/l	99
71) Bromoform	10.799	173	69411	62.814	ug/l #	99
73) Isopropylbenzene	10.964	105	417021	56.837	ug/l	100
74) N-amyl acetate	10.842	43	149907	60.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	124110	56.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100926m	51.903	ug/l	
77) Bromobenzene	11.195	156	99685	55.244	ug/l	98
78) n-propylbenzene	11.305	91	483986	57.694	ug/l	100
79) 2-Chlorotoluene	11.366	91	286639	56.259	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	361940	58.721	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38187	63.833	ug/l	95
82) 4-Chlorotoluene	11.451	91	339695	56.894	ug/l	100
83) tert-Butylbenzene	11.713	119	348876	56.863	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	354244	57.639	ug/l	100
85) sec-Butylbenzene	11.890	105	431117	58.733	ug/l	100
86) p-Isopropyltoluene	12.006	119	368426	59.242	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191283	56.517	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	192830	55.631	ug/l	99
89) n-Butylbenzene	12.335	91	321040	59.923	ug/l	100
90) Hexachloroethane	12.536	117	61672	60.360	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	185820	56.440	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26837	60.740	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	118474	58.376	ug/l	99
94) Hexachlorobutadiene	13.725	225	51628	57.661	ug/l	98
95) Naphthalene	13.774	128	386566	58.878	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117474	57.721	ug/l	100

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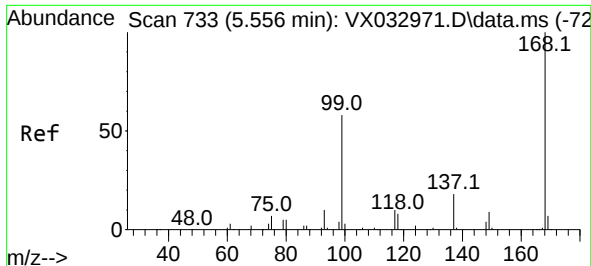
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

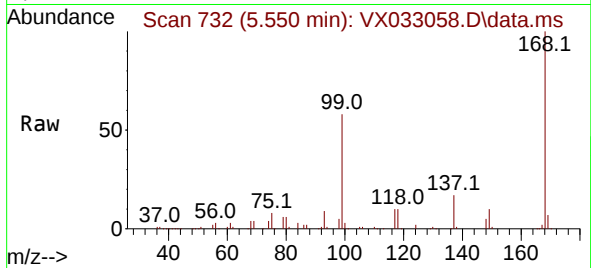
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033058.D
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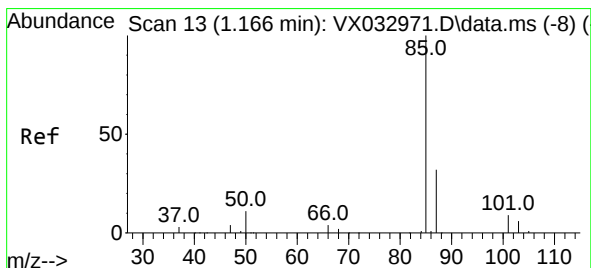
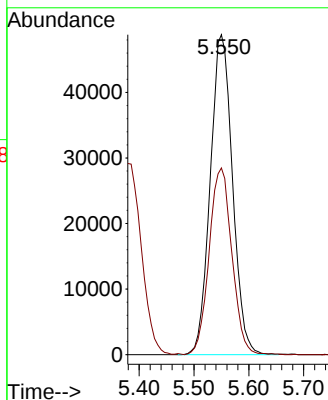
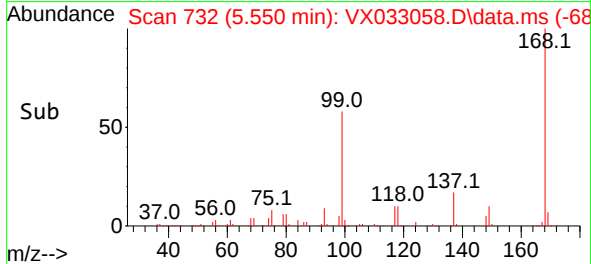
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13759
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1

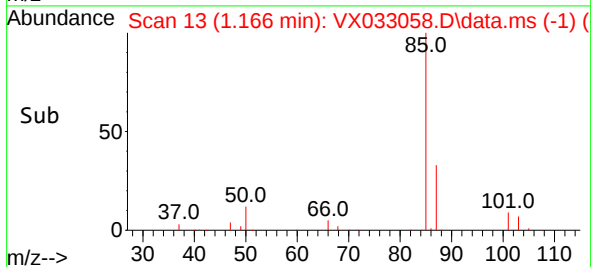
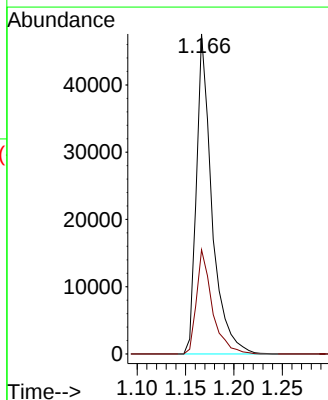
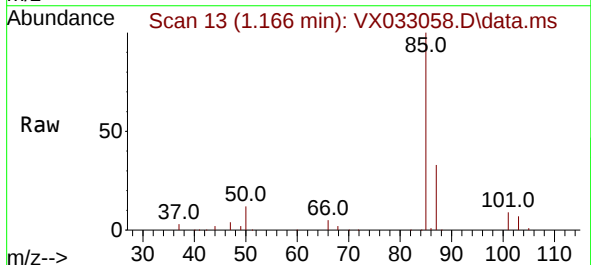
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#2
Dichlorodifluoromethane
Concen: 50.442 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 85 Resp: 53025
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.7





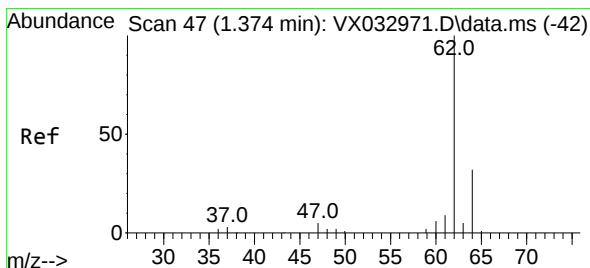
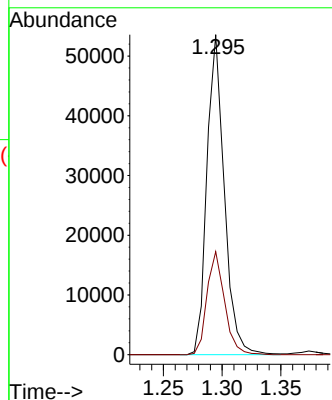
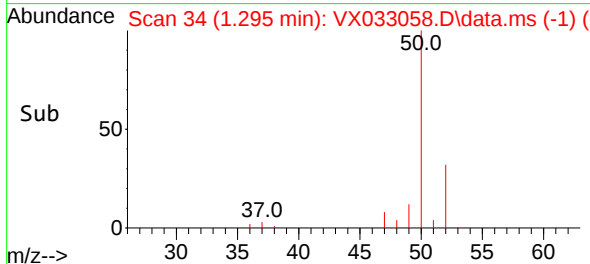
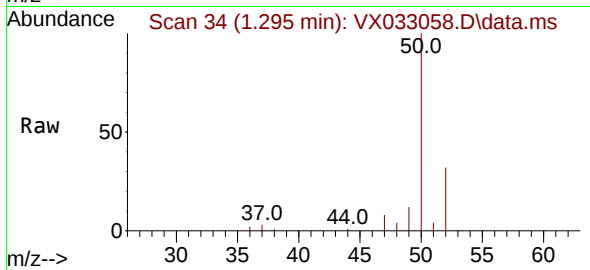
#3
Chloromethane
Concen: 48.532 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 55070
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2

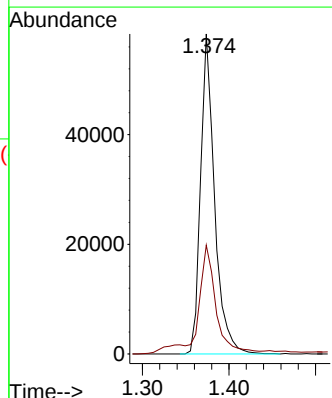
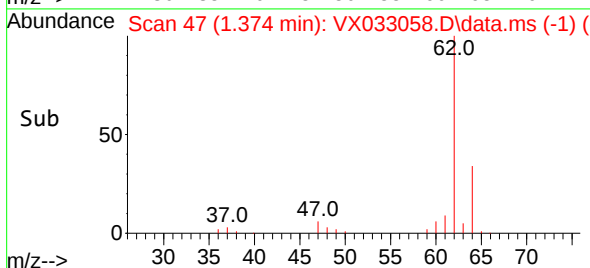
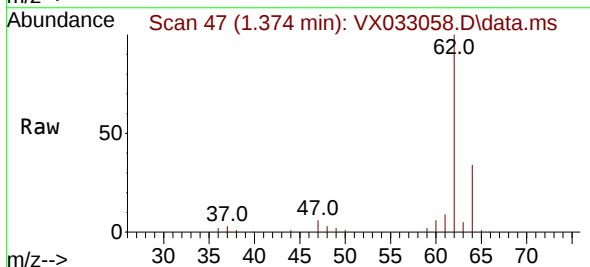
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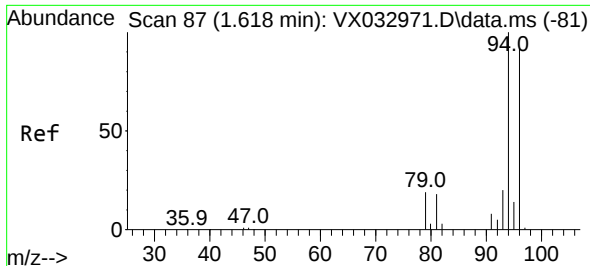
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#4
Vinyl Chloride
Concen: 51.835 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

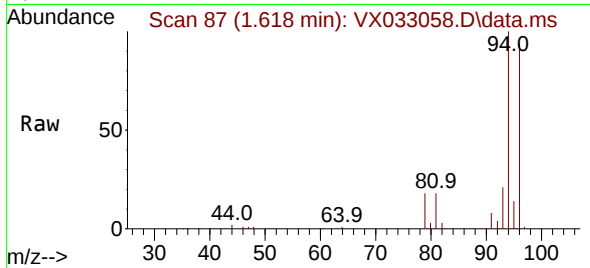
Tgt Ion: 62 Resp: 65498
Ion Ratio Lower Upper
62 100
64 33.1 25.8 38.6





#5
Bromomethane
Concen: 50.504 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

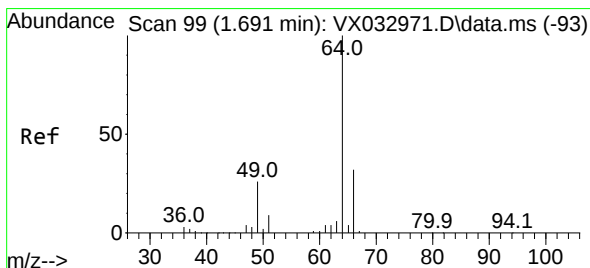
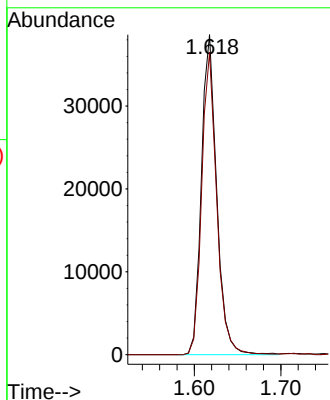
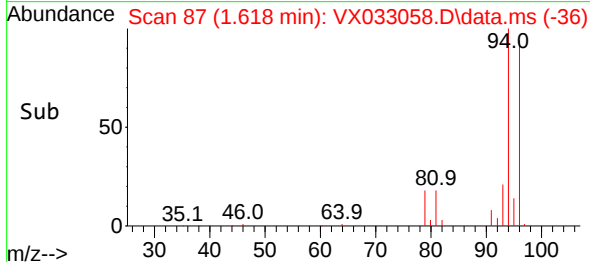
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 4732
Ion Ratio Lower Upper
94 100
96 94.4 77.6 116.4

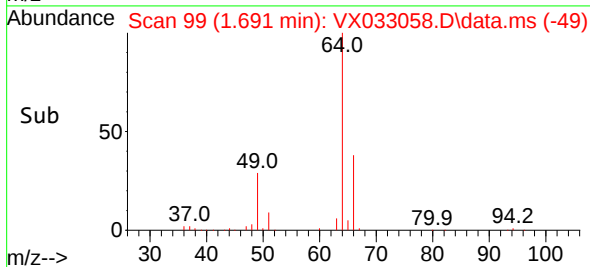
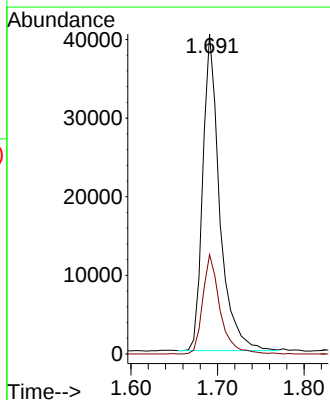
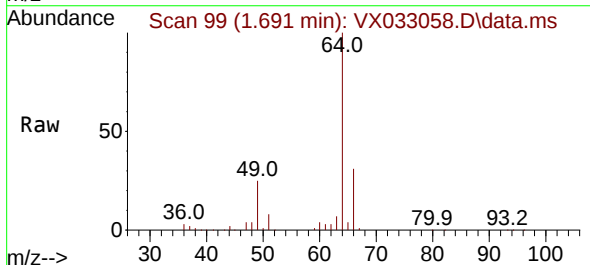
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#6
Chloroethane
Concen: 52.987 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 64 Resp: 54507
Ion Ratio Lower Upper
64 100
66 31.4 26.0 39.0





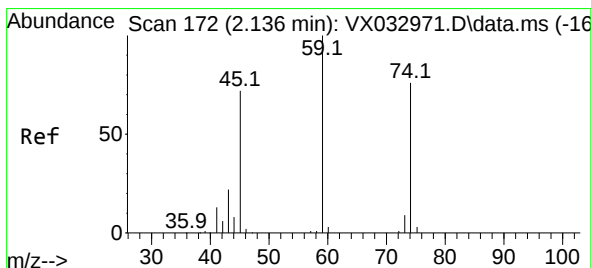
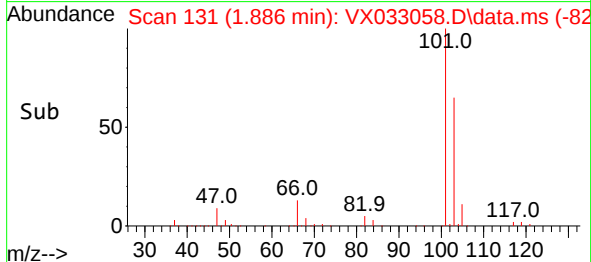
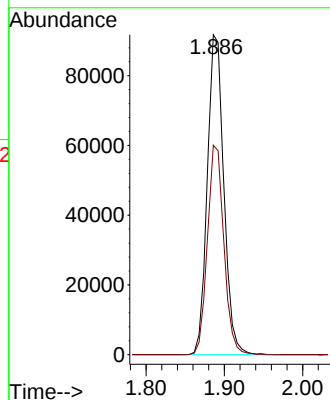
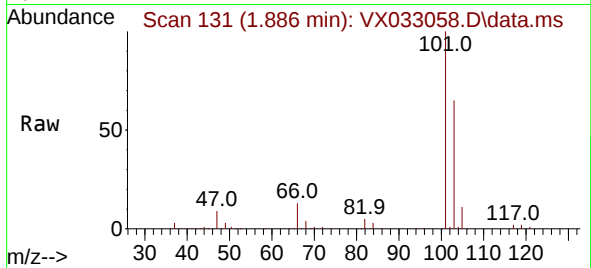
#7
Trichlorofluoromethane
Concen: 54.617 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13394
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

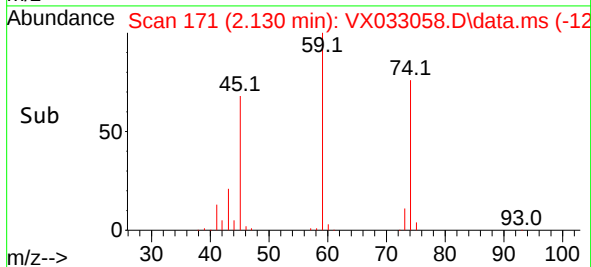
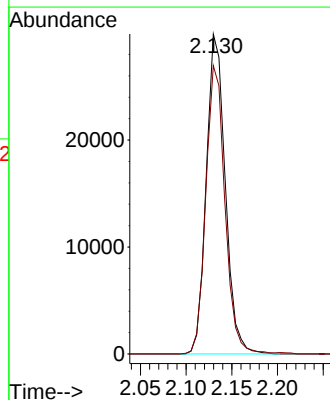
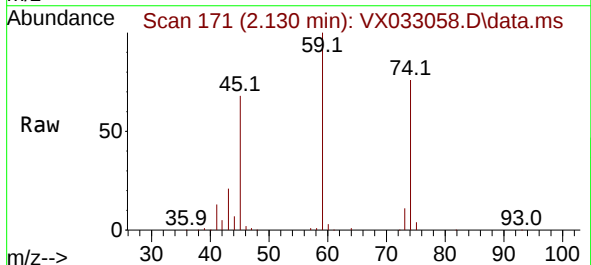
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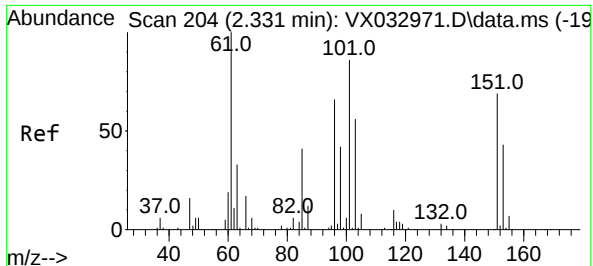
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#8
Diethyl Ether
Concen: 55.836 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 74 Resp: 43111
Ion Ratio Lower Upper
74 100
45 90.7 46.6 139.7





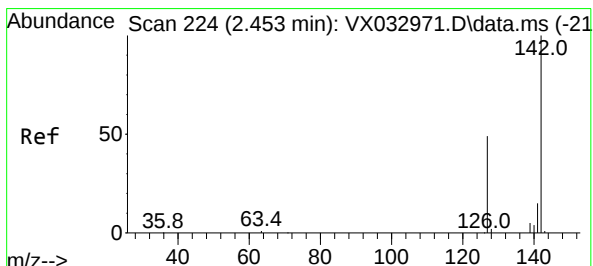
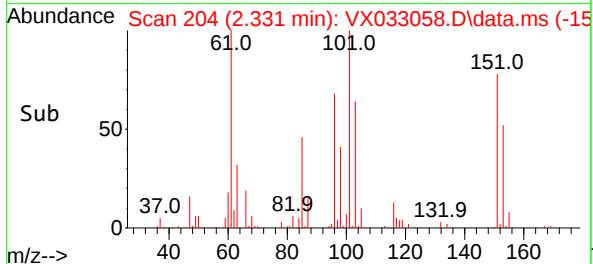
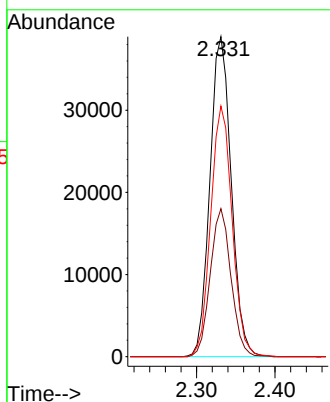
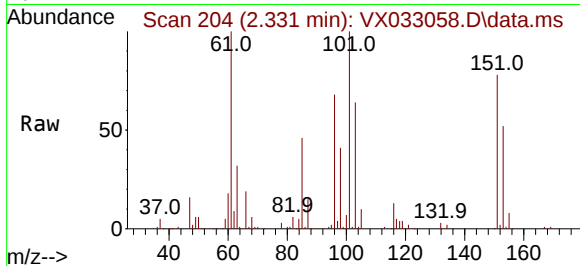
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.238 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

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Tgt Ion:101 Resp: 73780
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.4
151 78.6 64.4 96.6

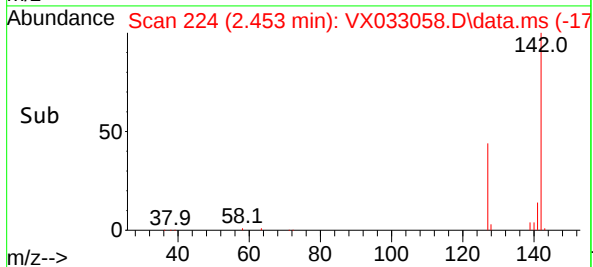
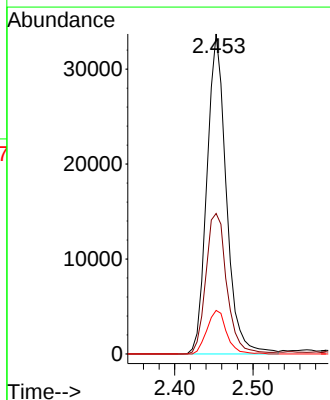
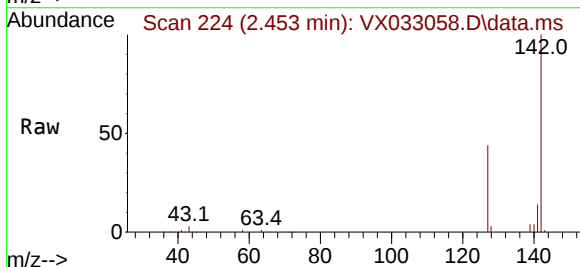
Manual Integrations
APPROVED

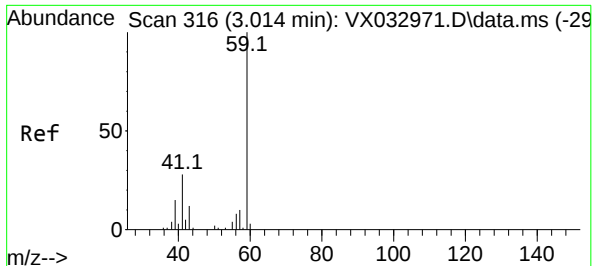
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#10
Methyl Iodide
Concen: 39.241 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

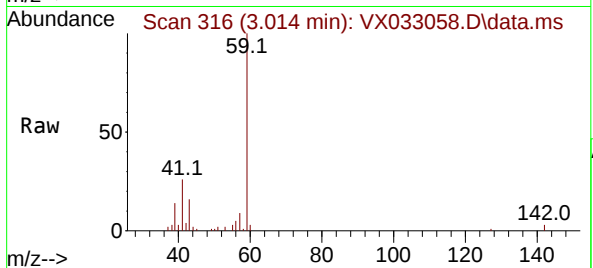
Tgt Ion:142 Resp: 57904
Ion Ratio Lower Upper
142 100
127 47.5 38.6 57.8
141 13.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 265.725 ug/l m
RT: 3.014 min Scan# 316
Delta R.T. 0.049 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

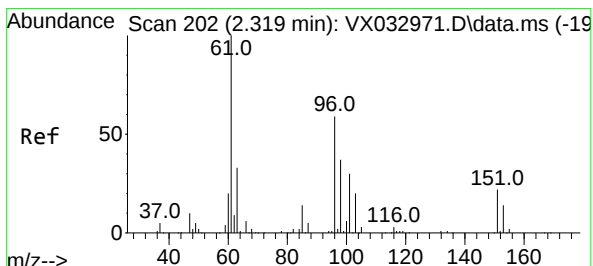
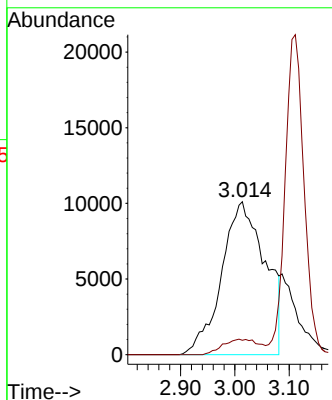
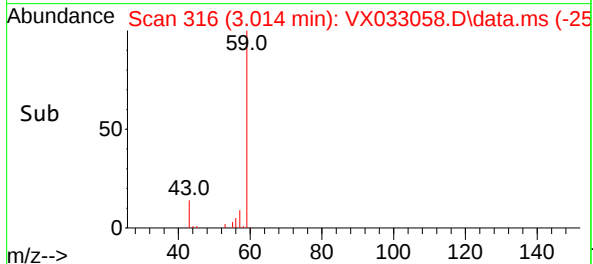
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



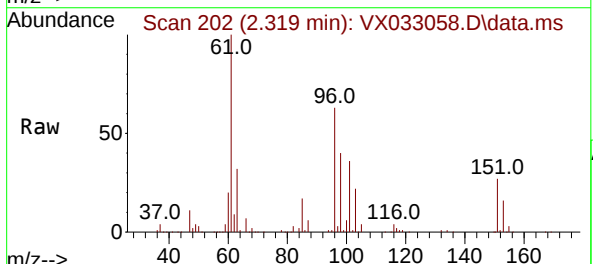
Tgt Ion: 59 Resp: 5644
Ion Ratio Lower Upper
59 100
57 8.4 8.2 12.4

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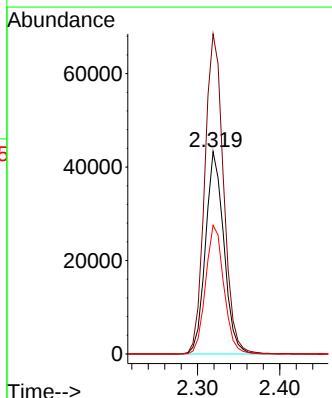
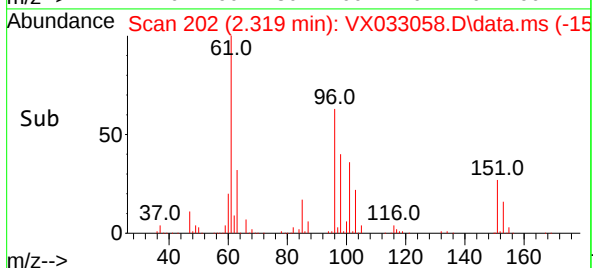
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

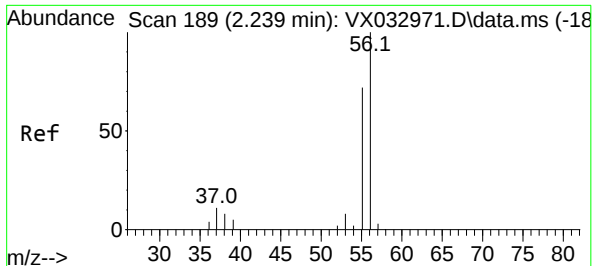


#12
1,1-Dichloroethene
Concen: 55.953 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



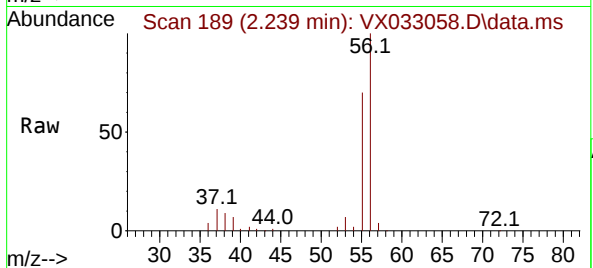
Tgt Ion: 96 Resp: 67185
Ion Ratio Lower Upper
96 100
61 158.1 125.1 187.7
98 63.6 50.6 76.0





#13
Acrolein
Concen: 243.952 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

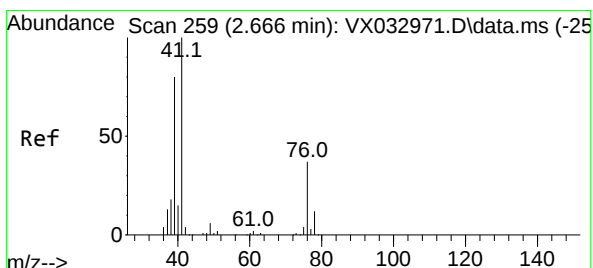
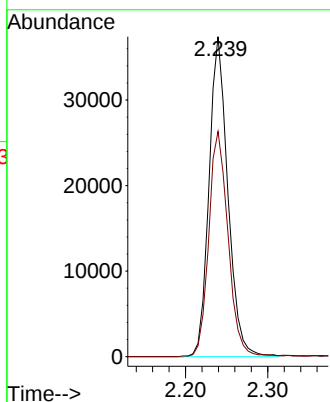
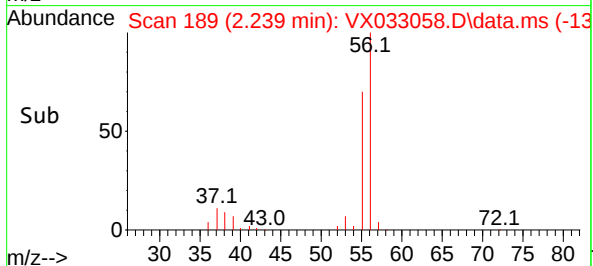
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



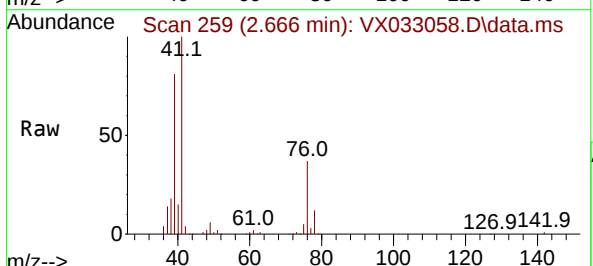
Tgt Ion: 56 Resp: 5952
Ion Ratio Lower Upper
56 100
55 72.3 56.9 85.3

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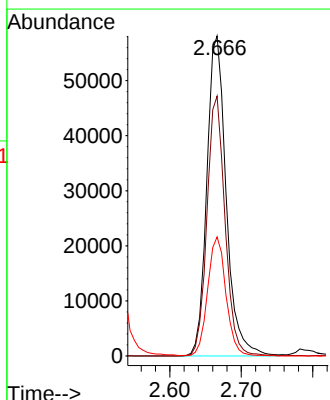
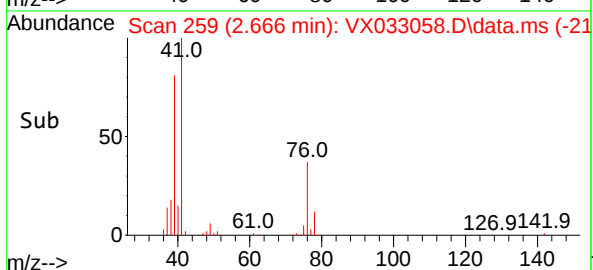
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#14
Allyl chloride
Concen: 56.426 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



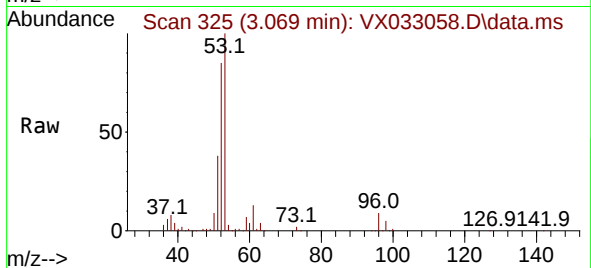
Tgt Ion: 41 Resp: 109384
Ion Ratio Lower Upper
41 100
39 75.7 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 277.855 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

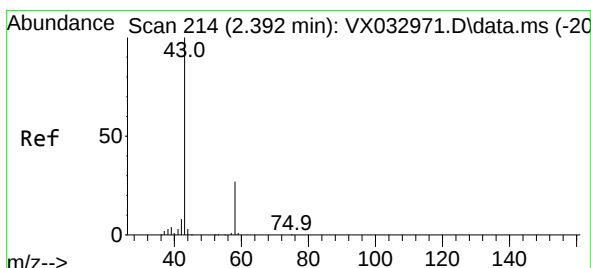
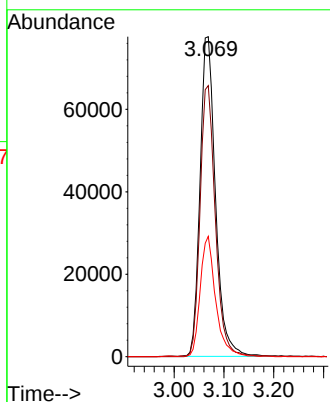
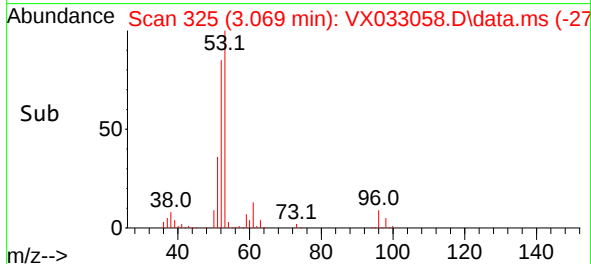
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



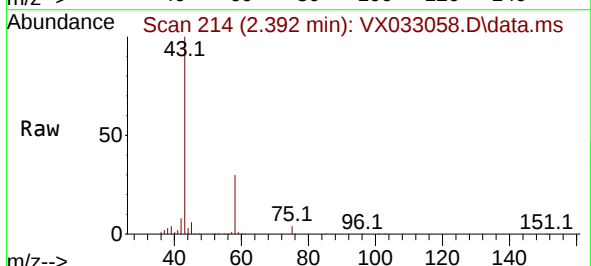
Tgt Ion: 53 Resp: 16693
Ion Ratio Lower Upper
53 100
52 83.8 67.4 101.0
51 37.3 30.3 45.5

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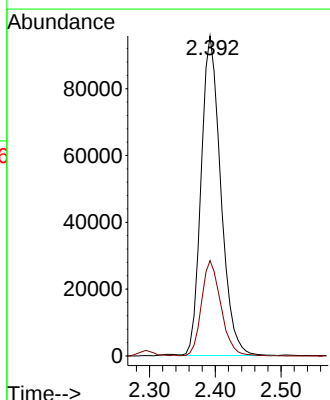
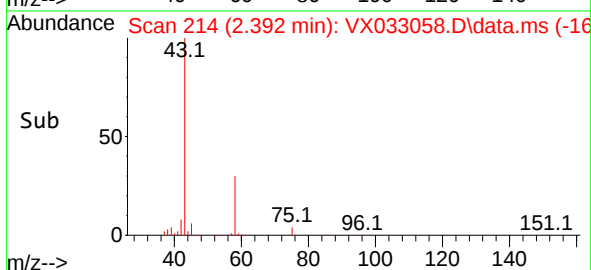
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

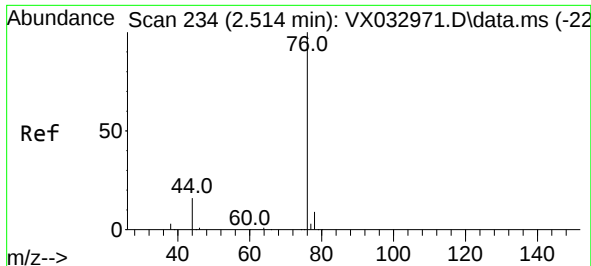


#16
Acetone
Concen: 317.590 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



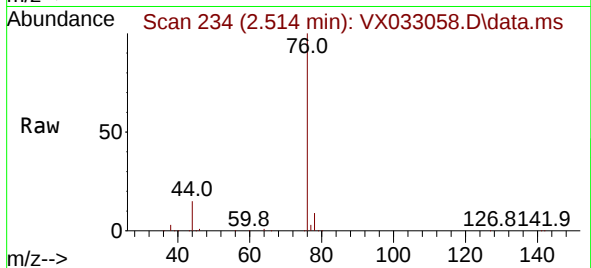
Tgt Ion: 43 Resp: 198745
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8





#17
Carbon Disulfide
Concen: 51.351 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

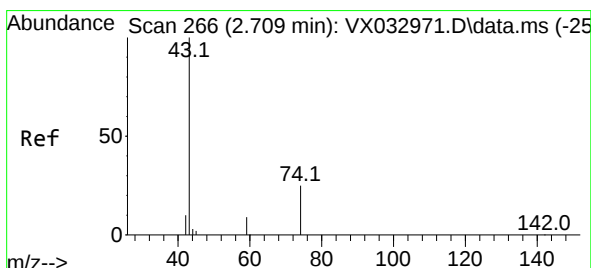
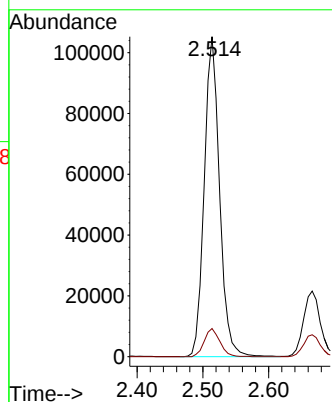
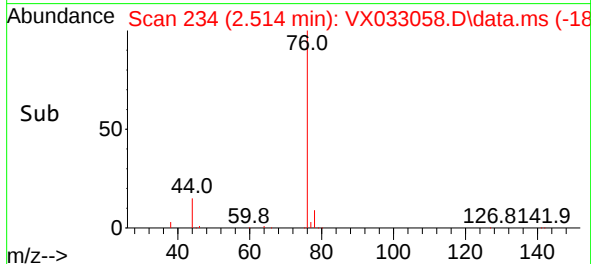
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 170352
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

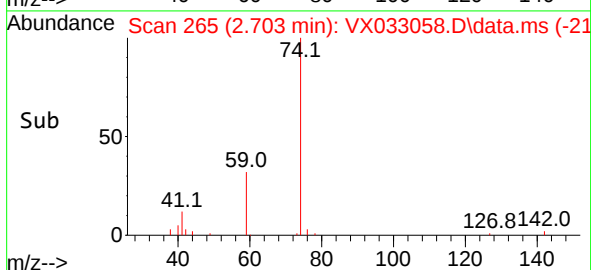
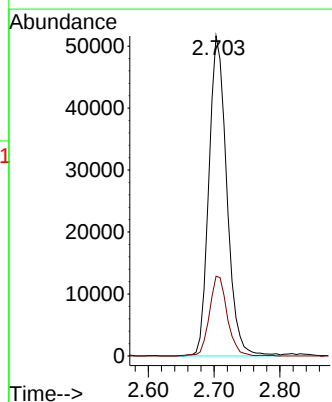
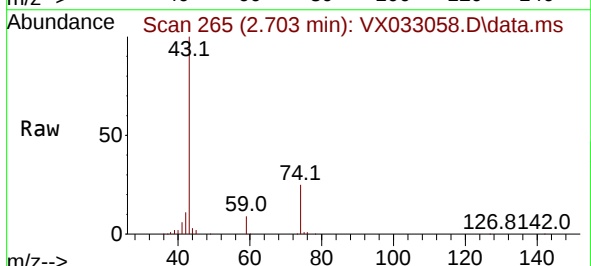
Manual Integrations
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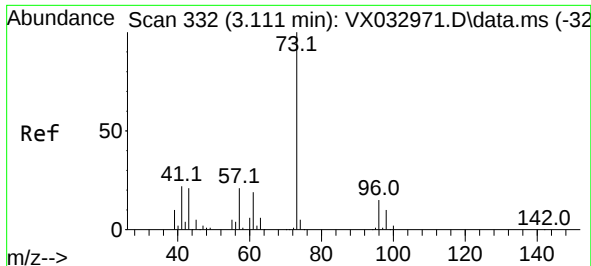
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#18
Methyl Acetate
Concen: 56.554 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 43 Resp: 97968
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0





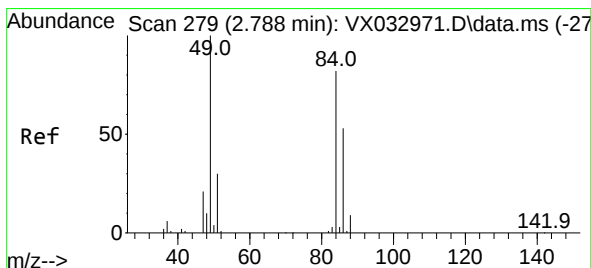
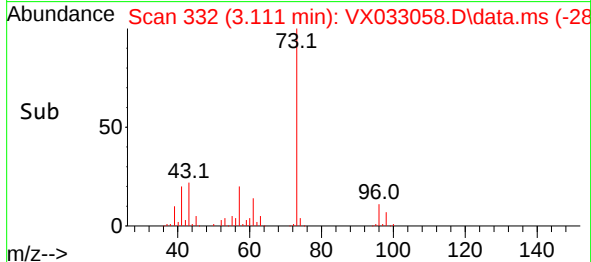
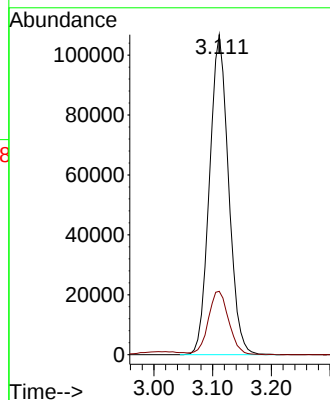
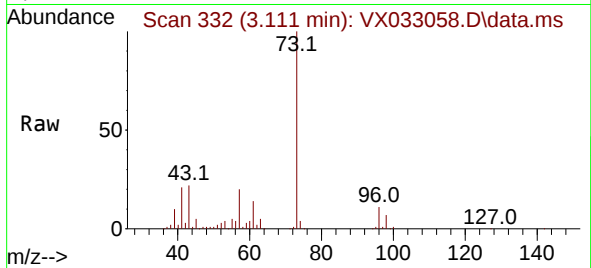
#19
Methyl tert-butyl Ether
Concen: 57.792 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24066
Ion Ratio Lower Upper
73 100
57 19.8 16.6 25.0

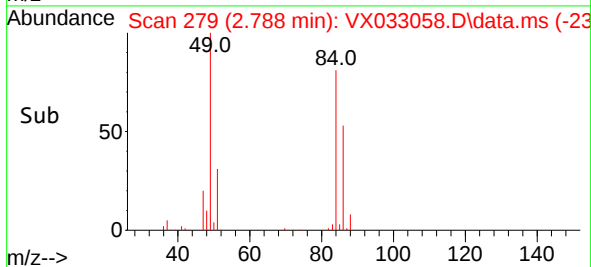
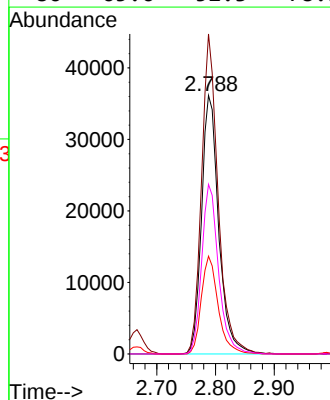
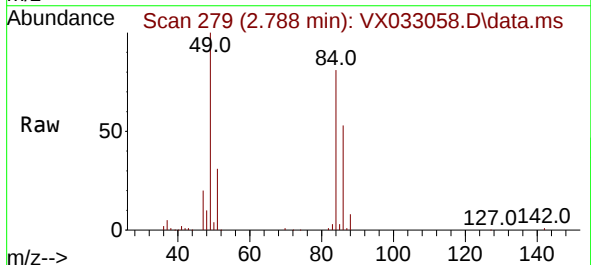
Manual Integrations
APPROVED

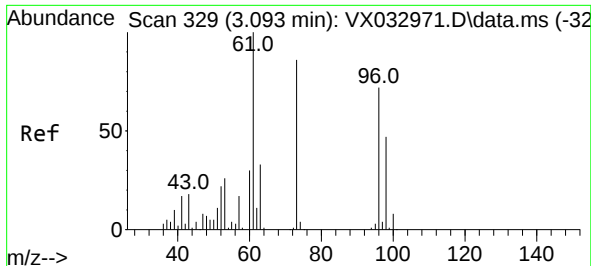
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 56.454 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

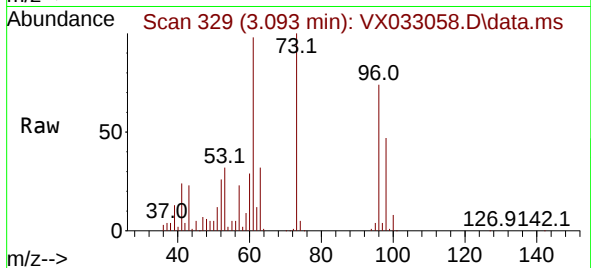
Tgt Ion: 84 Resp: 73292
Ion Ratio Lower Upper
84 100
49 123.8 101.0 151.6
51 37.8 31.1 46.7
86 65.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 53.978 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

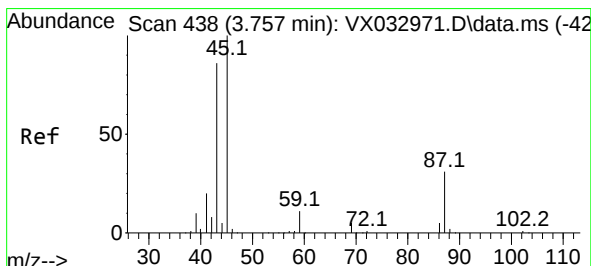
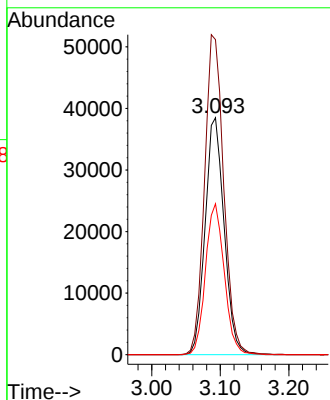
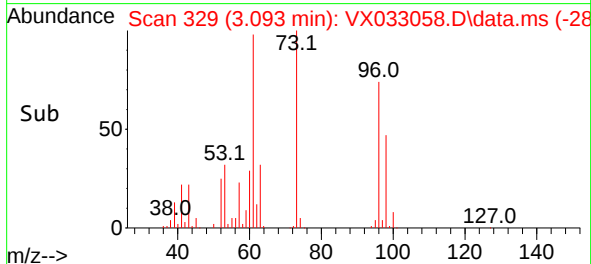
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 74140
Ion Ratio Lower Upper
96 100
61 132.9 106.6 160.0
98 63.7 51.0 76.6

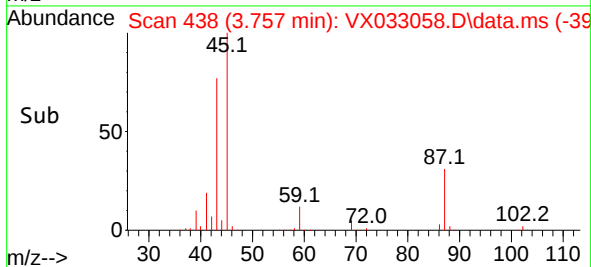
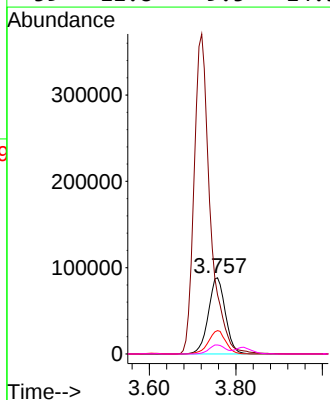
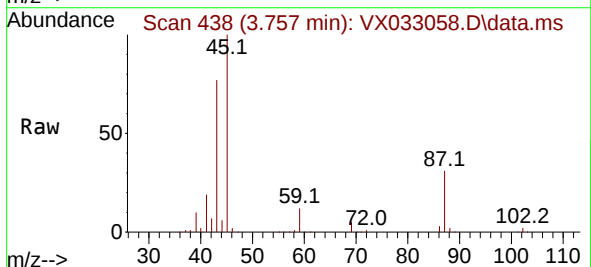
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 57.015 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 45 Resp: 240665
Ion Ratio Lower Upper
45 100
43 77.3 56.4 84.6
87 30.7 24.4 36.6
59 11.8 9.5 14.3





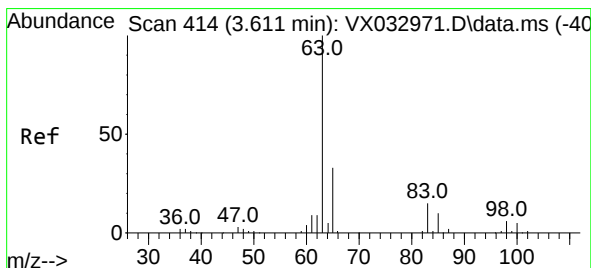
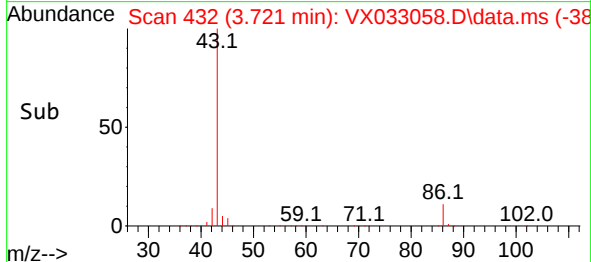
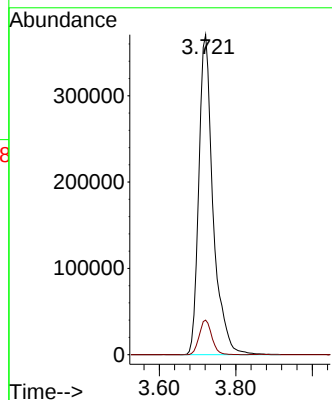
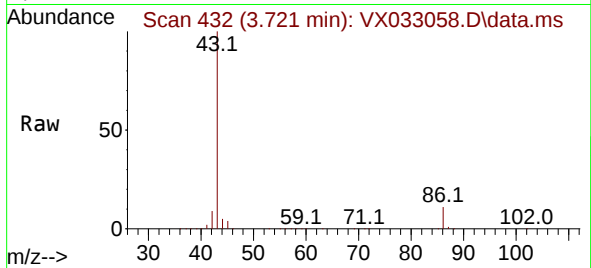
#23
 Vinyl Acetate
 Concen: 289.555 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 956738
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

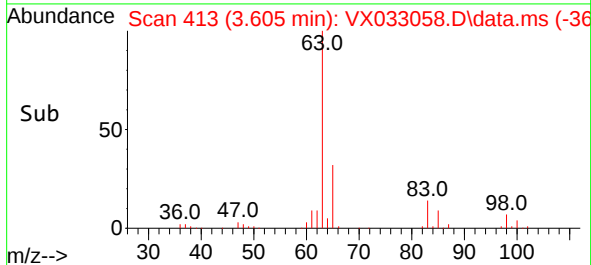
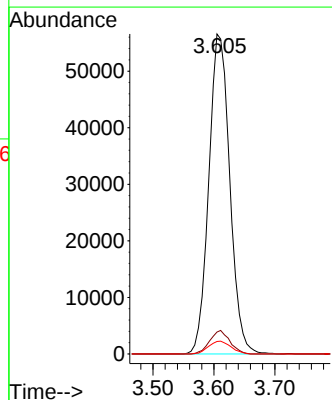
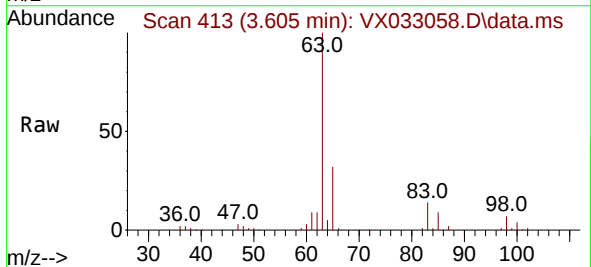
Manual Integrations
 APPROVED

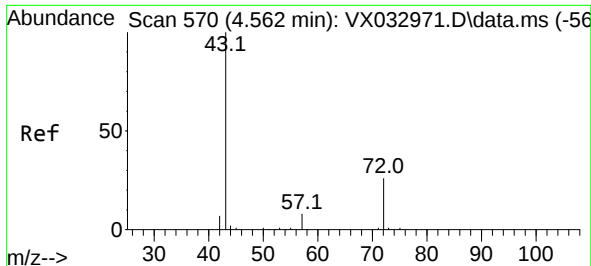
Reviewed By :John Carlone 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#24
 1,1-Dichloroethane
 Concen: 56.004 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

Tgt Ion: 63 Resp: 135277
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 3.9 2.3 6.8





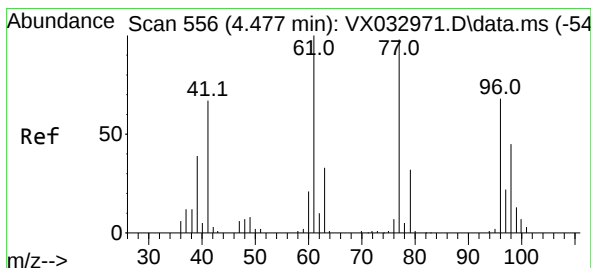
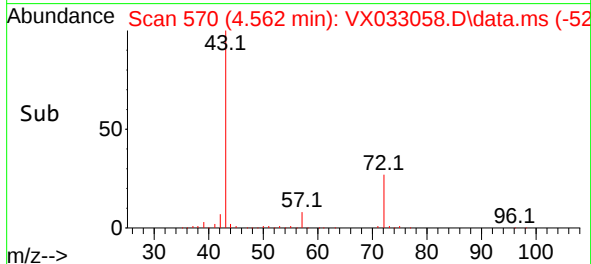
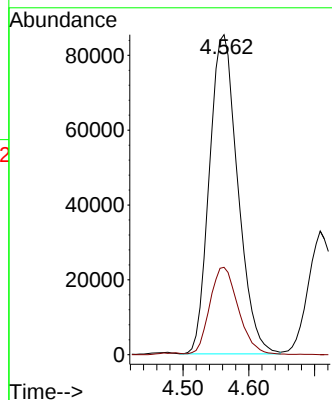
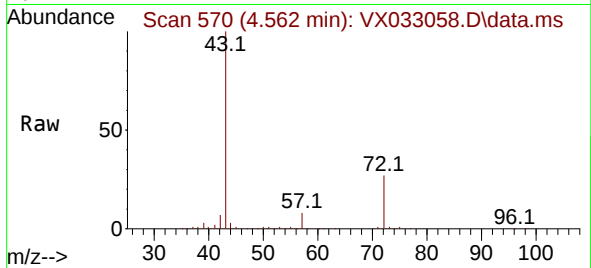
#25
2-Butanone
Concen: 297.339 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 256578
Ion Ratio Lower Upper
43 100
72 27.2 22.2 33.2

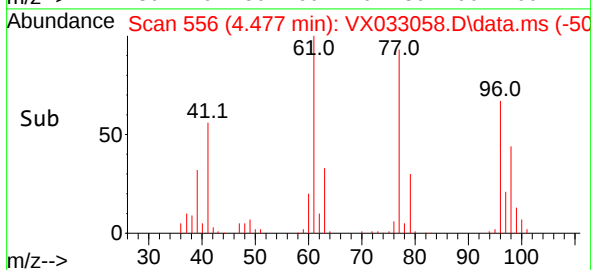
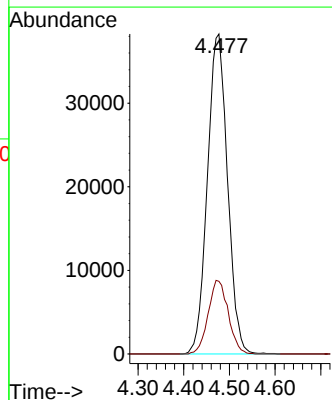
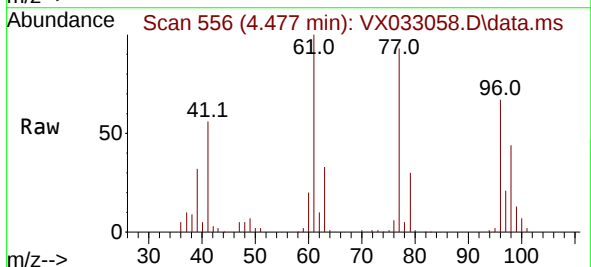
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 60.177 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

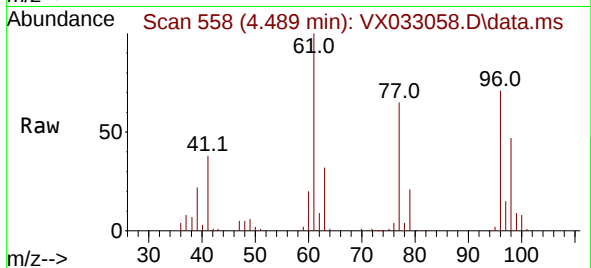
Tgt Ion: 77 Resp: 116876
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 56.091 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

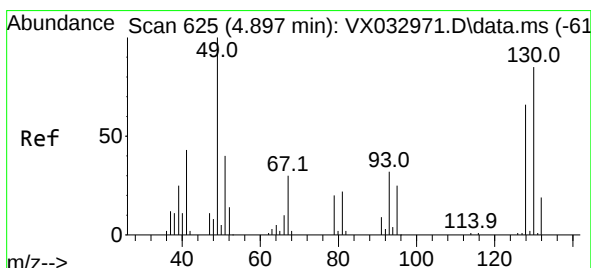
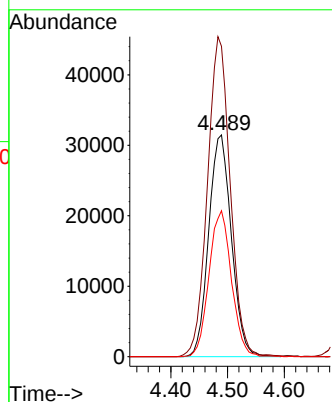
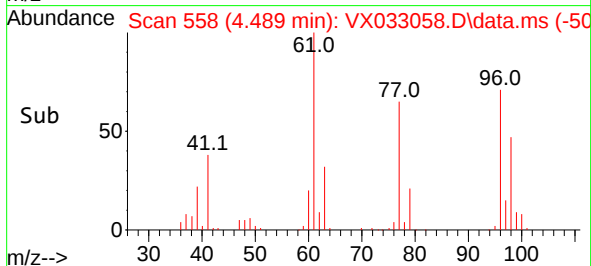
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 87534
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 286.0
 98 65.2 0.0 129.6

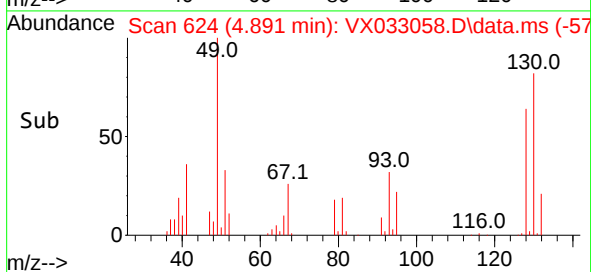
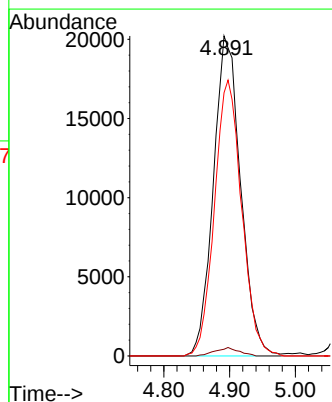
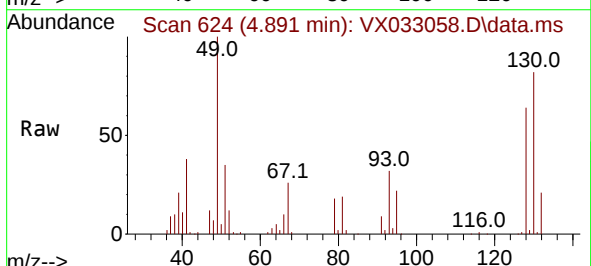
Manual Integrations
 APPROVED

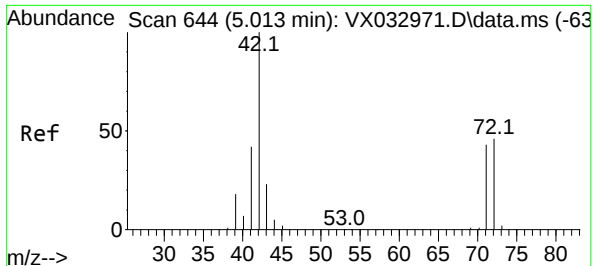
Reviewed By :John Carlone 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#28
 Bromochloromethane
 Concen: 54.897 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.013 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

Tgt Ion: 49 Resp: 58266
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 3.8
 130 86.0 67.5 101.3





#29

Tetrahydrofuran

Concen: 280.203 ug/l

RT: 5.007 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 153420

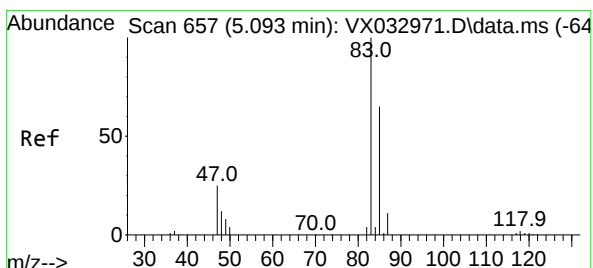
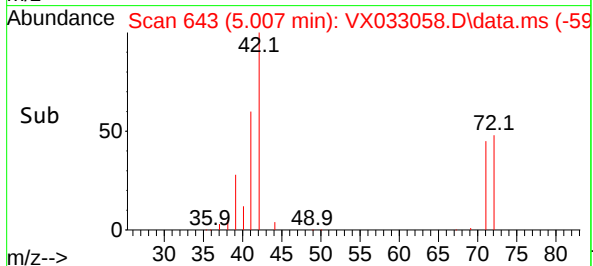
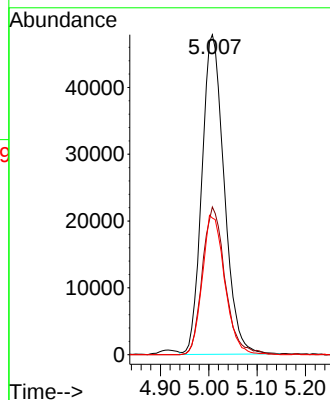
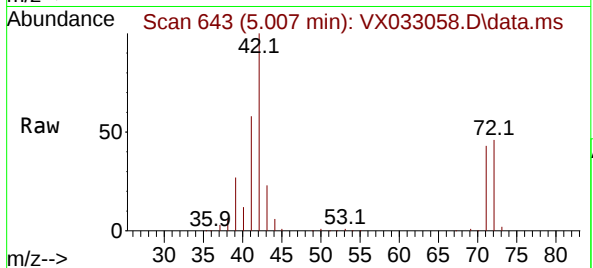
Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.6	56.4
71	44.0	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#30

Chloroform

Concen: 56.185 ug/l

RT: 5.087 min Scan# 656

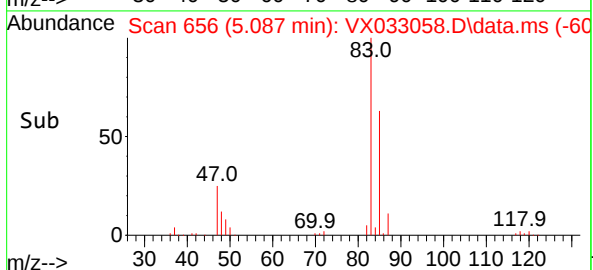
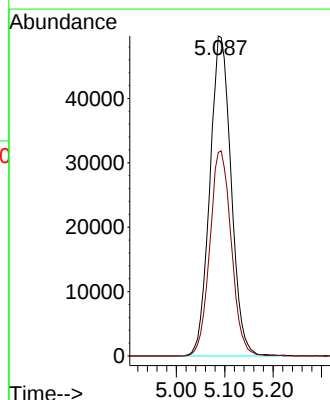
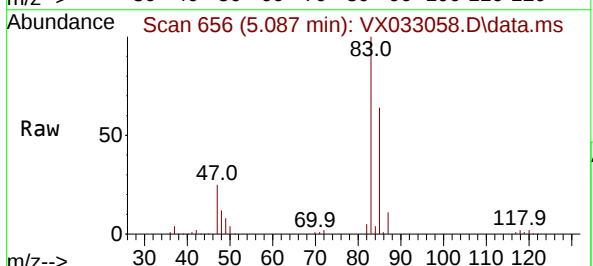
Delta R.T. -0.012 min

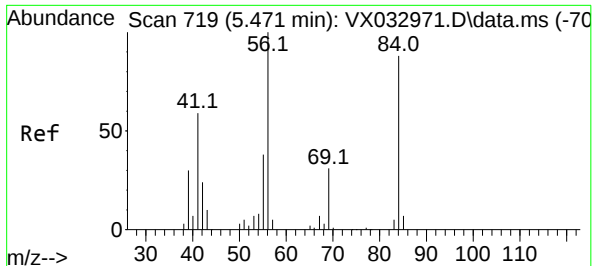
Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion: 83 Resp: 152002

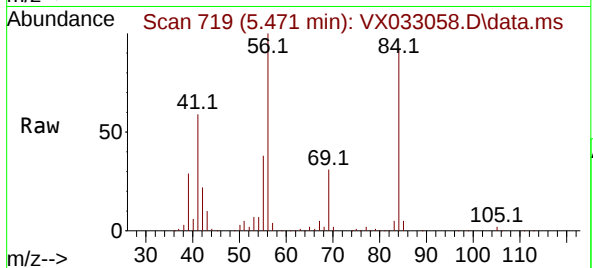
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7





#31
Cyclohexane
Concen: 55.160 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

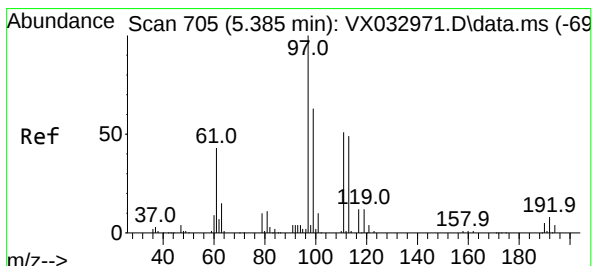
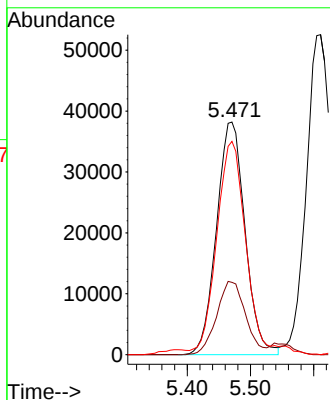
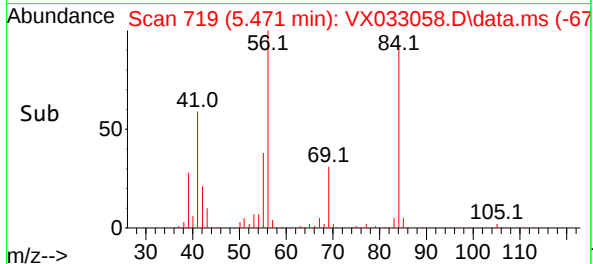
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



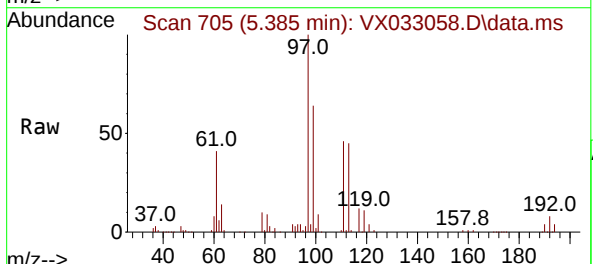
Tgt Ion: 56 Resp: 119762
Ion Ratio Lower Upper
56 100
69 31.1 24.1 36.1
84 89.5 66.9 100.3

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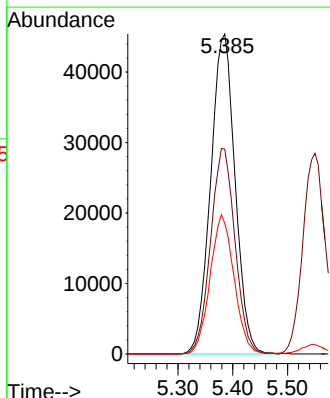
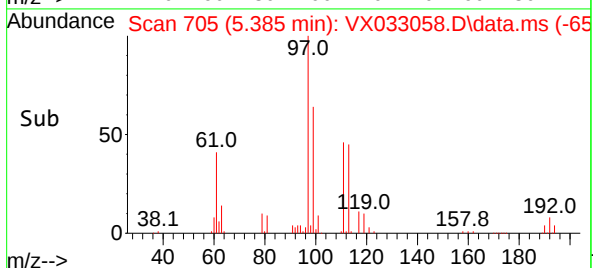
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

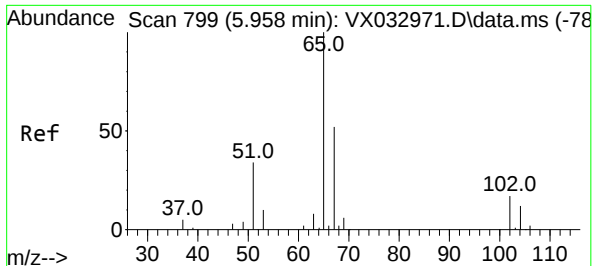


#32
1,1,1-Trichloroethane
Concen: 58.060 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion: 97 Resp: 140667
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 42.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.710 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 68120

Ion Ratio Lower Upper

65 100

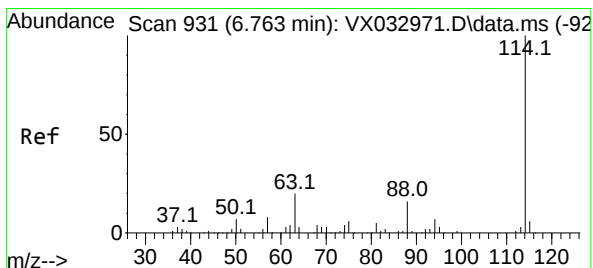
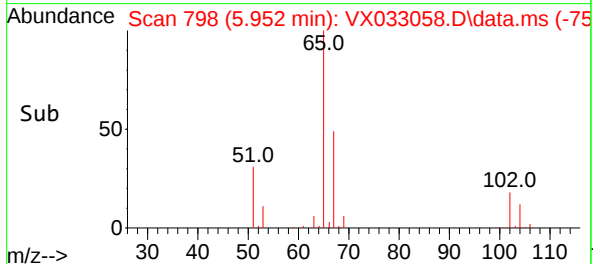
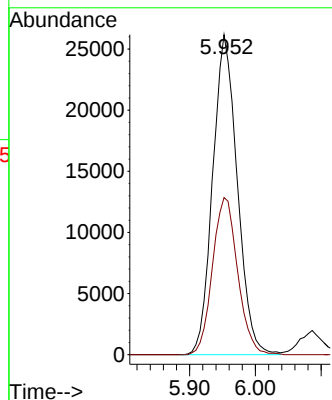
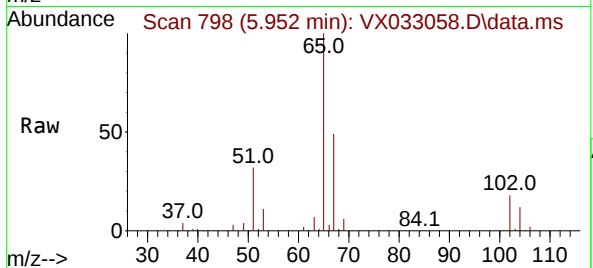
67 50.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

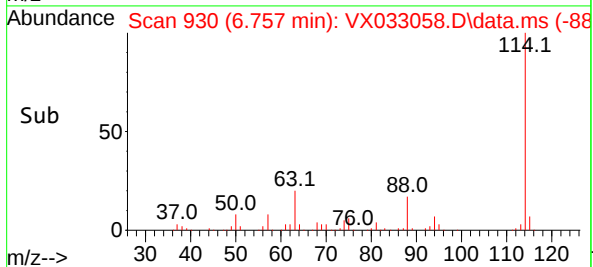
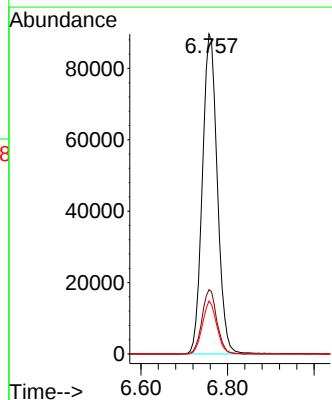
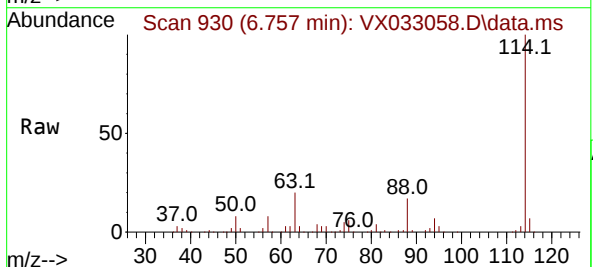
Tgt Ion:114 Resp: 214548

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.628 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

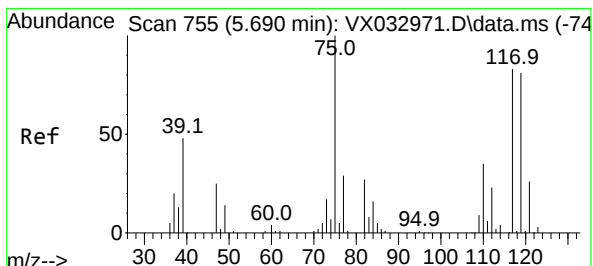
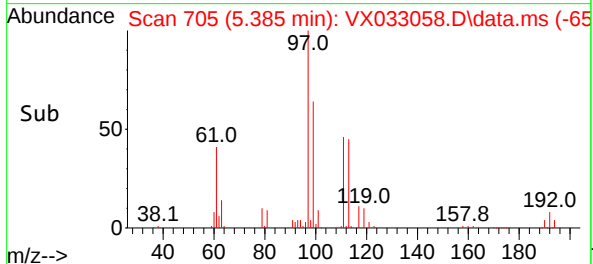
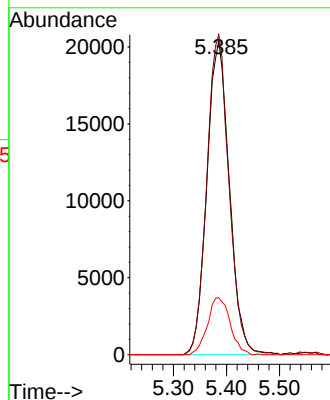
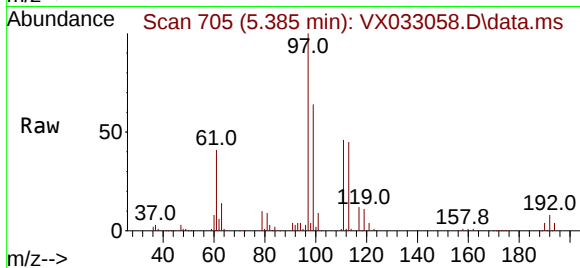
Tgt Ion:	113	Resp:	6002
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.4	123.6
192	18.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#36

1,1-Dichloropropene

Concen: 56.626 ug/l

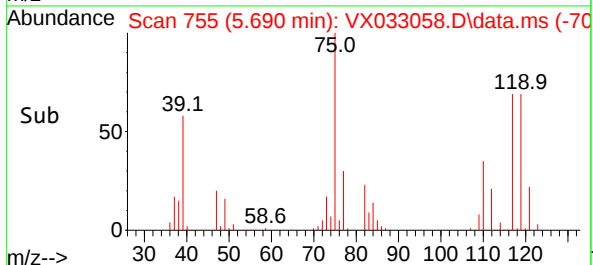
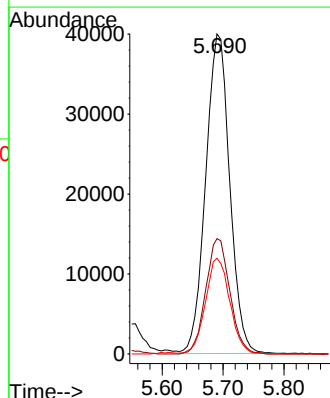
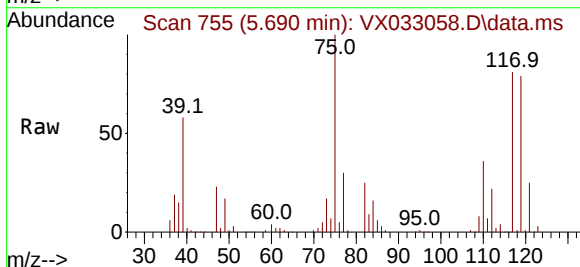
RT: 5.690 min Scan# 755

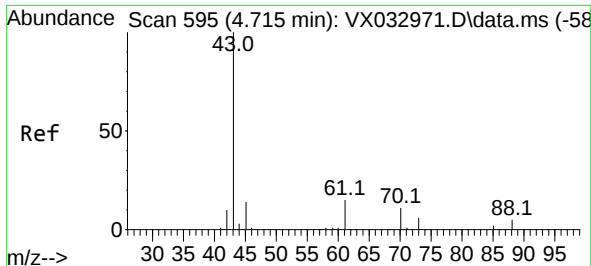
Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion:	75	Resp:	109515
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.4	55.2
77	30.4	24.5	36.7





#37

Ethyl Acetate

Concen: 57.655 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

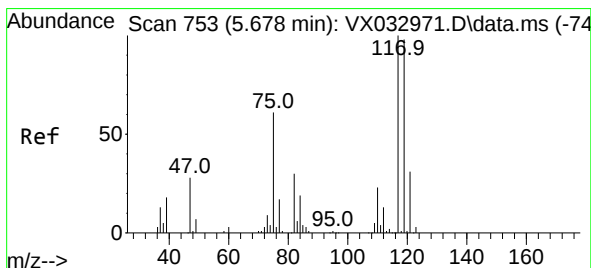
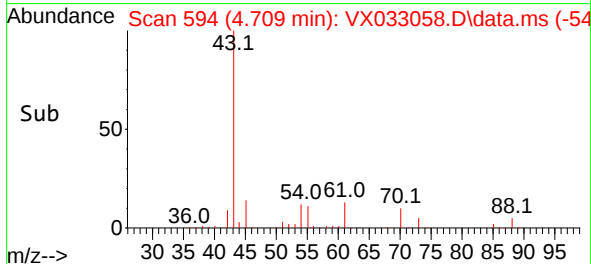
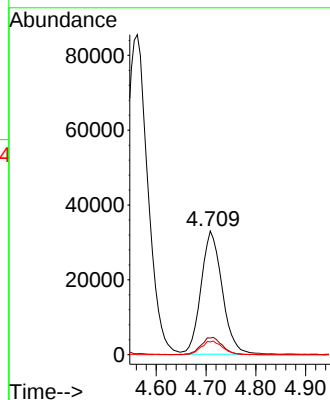
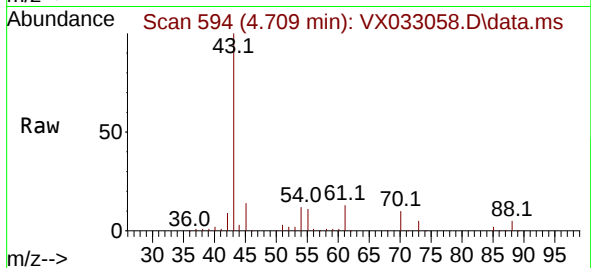
Tgt Ion:	43	Resp:	9728
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	11.1	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#38

Carbon Tetrachloride

Concen: 57.996 ug/l

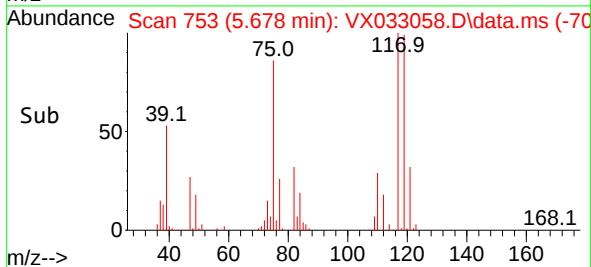
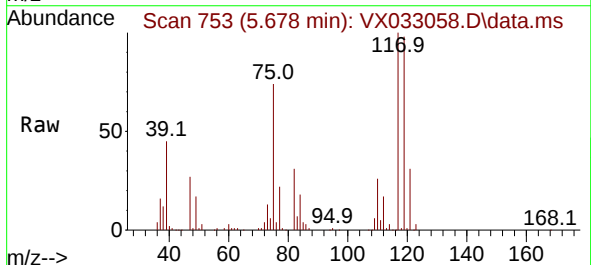
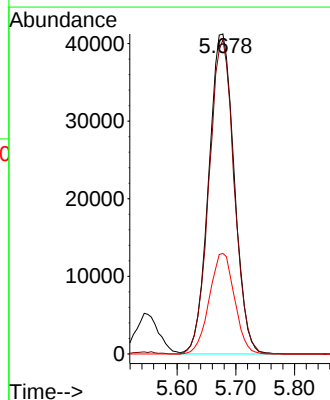
RT: 5.678 min Scan# 753

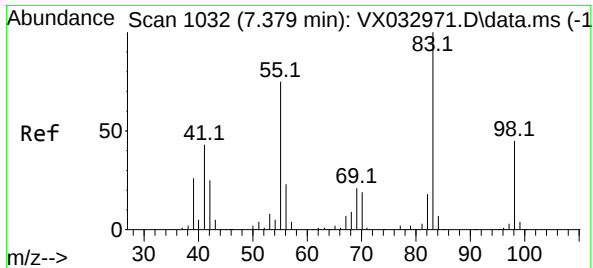
Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

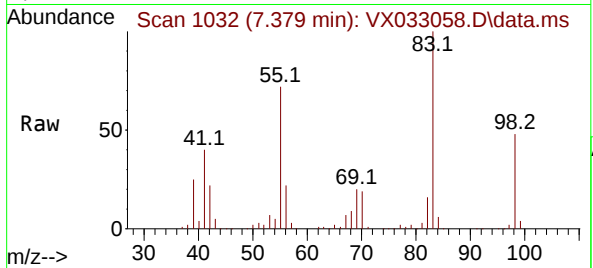
Tgt Ion:	117	Resp:	124429
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.2	115.8
121	31.4	25.8	38.6





#39
Methylcyclohexane
Concen: 57.820 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

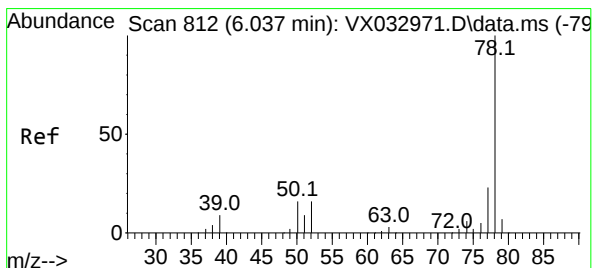
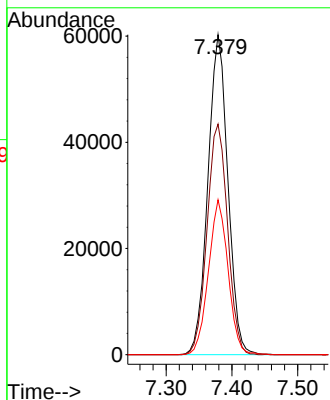
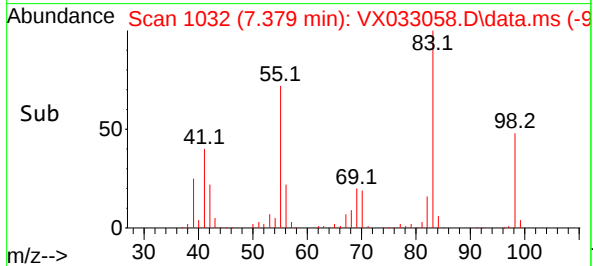
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



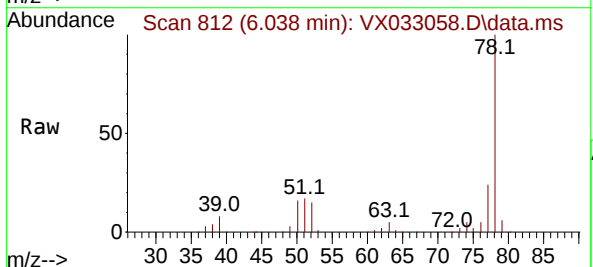
Tgt Ion: 83 Resp: 12759
Ion Ratio Lower Upper
83 100
55 72.0 58.4 87.6
98 48.4 37.2 55.8

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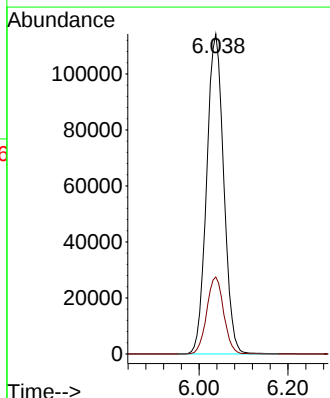
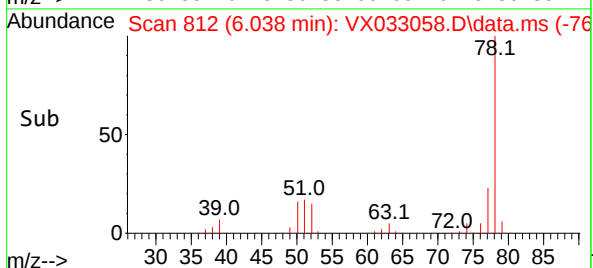
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

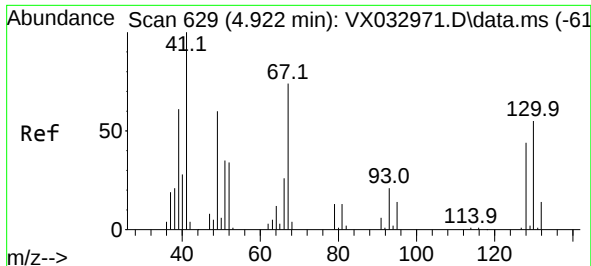


#40
Benzene
Concen: 56.244 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion: 78 Resp: 304986
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





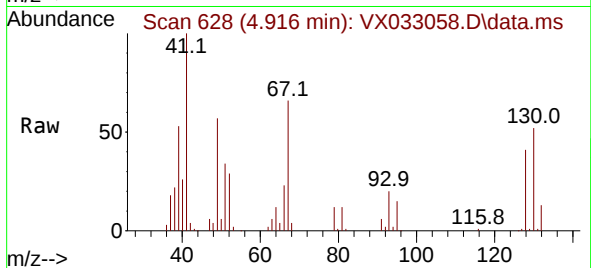
#41
Methacrylonitrile
Concen: 57.468 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



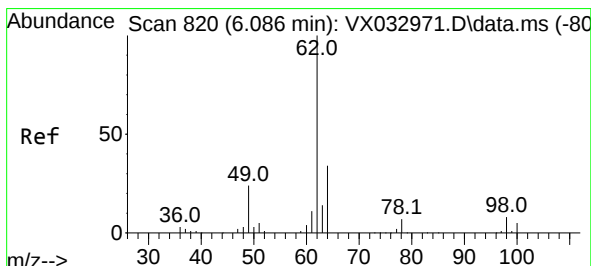
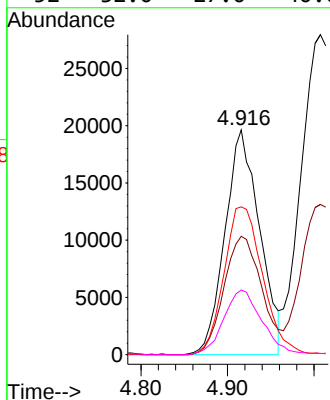
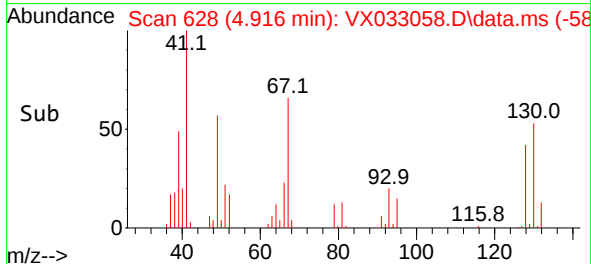
Tgt Ion: 41 Resp: 5456
Ion Ratio Lower Upper
41 100
39 58.5 47.5 71.3
67 73.6 60.5 90.7
52 32.0 27.0 40.6

Manual Integrations

APPROVED

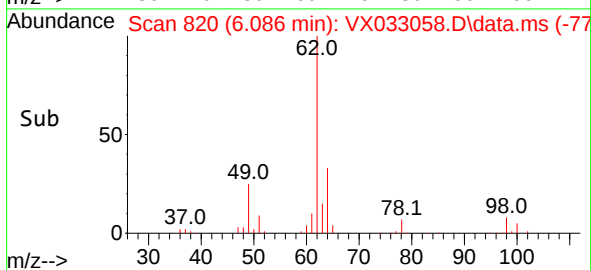
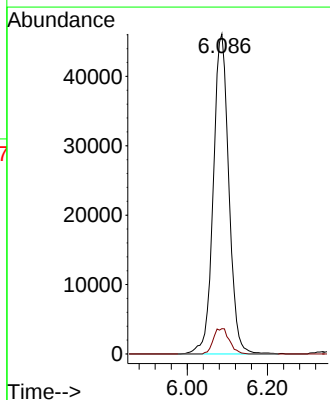
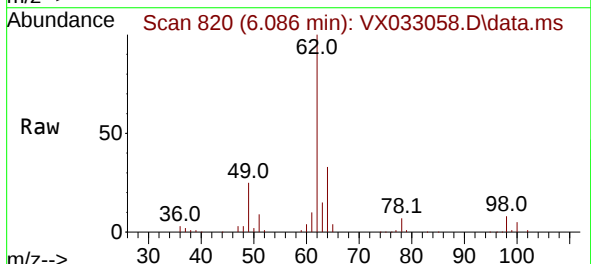
Reviewed By :John Carlone 11/28/2022

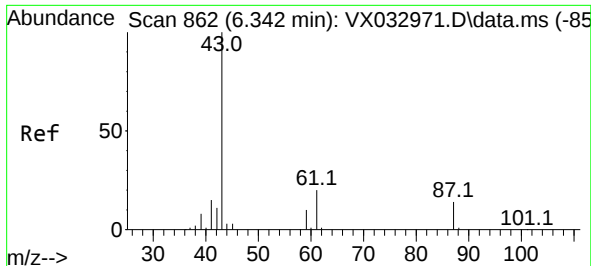
Supervised By :Mahesh Dadoda 11/28/2022



#42
1,2-Dichloroethane
Concen: 56.817 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

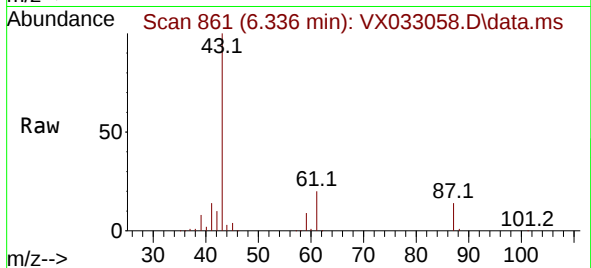
Tgt Ion: 62 Resp: 124049
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 59.014 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

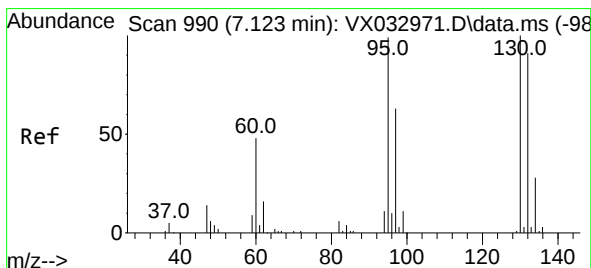
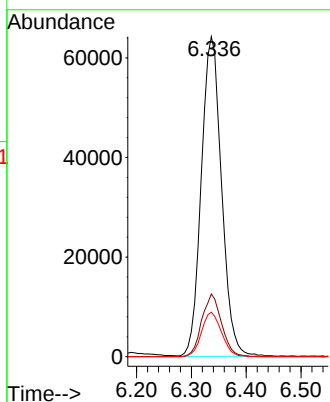
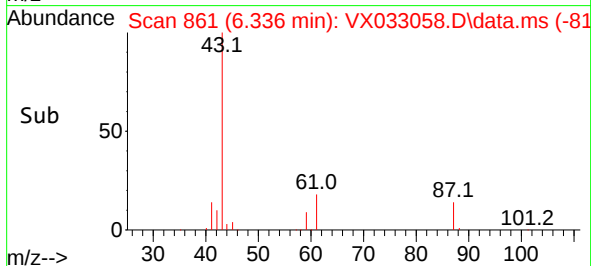
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 164679
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.7 10.8 16.2

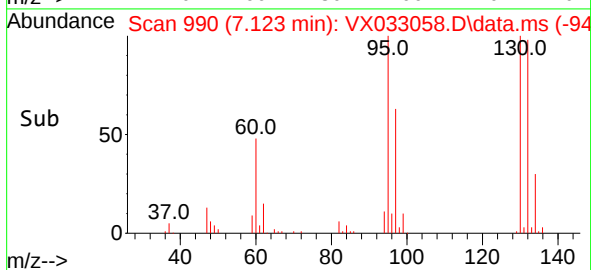
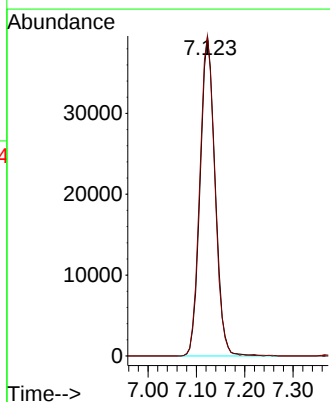
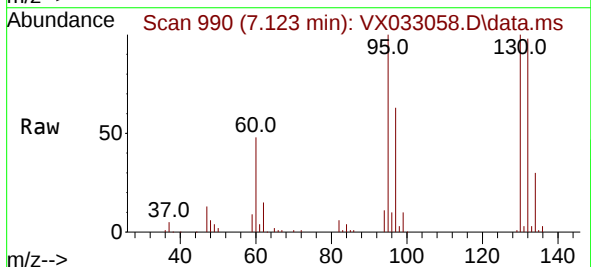
Manual Integrations
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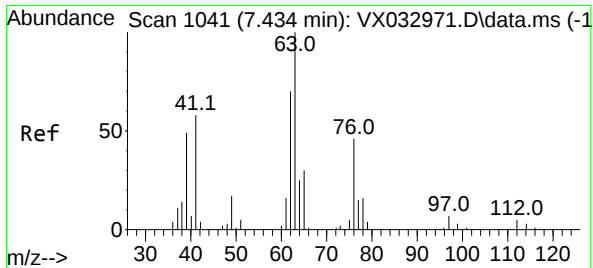
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#44
Trichloroethene
Concen: 55.974 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion:130 Resp: 85170
Ion Ratio Lower Upper
130 100
95 100.0 0.0 195.2





#45

1,2-Dichloropropane

Concen: 57.223 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7668

Ion Ratio Lower Upper

63 100

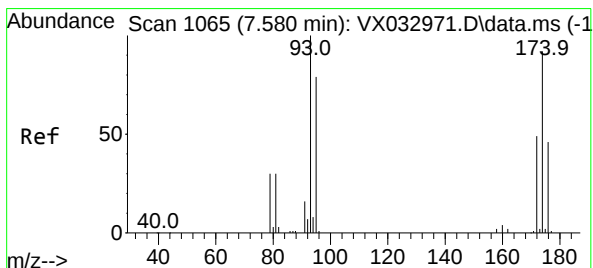
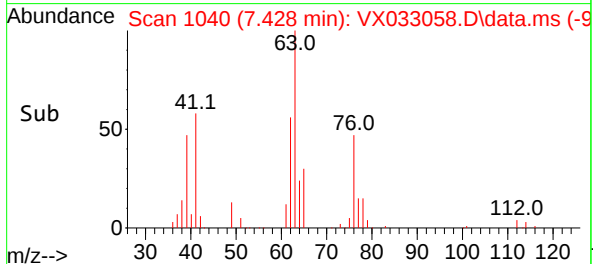
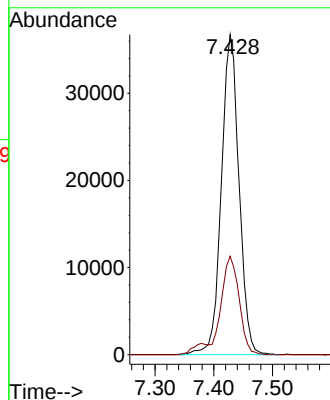
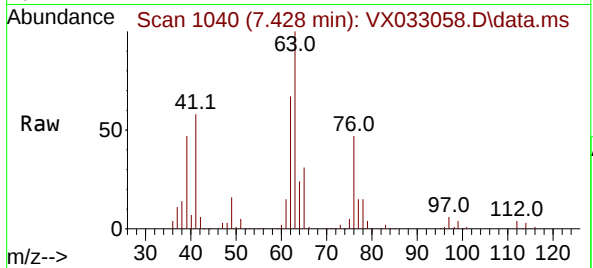
65 30.8 24.6 36.8

Manual Integrations

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Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#46

Dibromomethane

Concen: 55.715 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

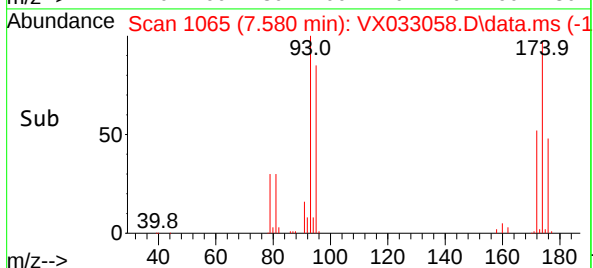
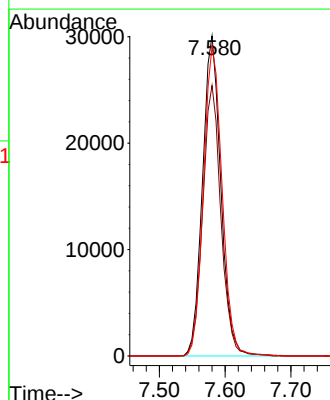
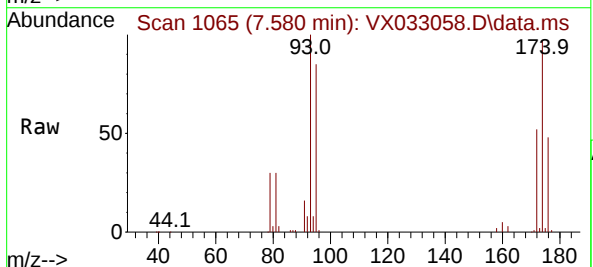
Tgt Ion: 93 Resp: 58257

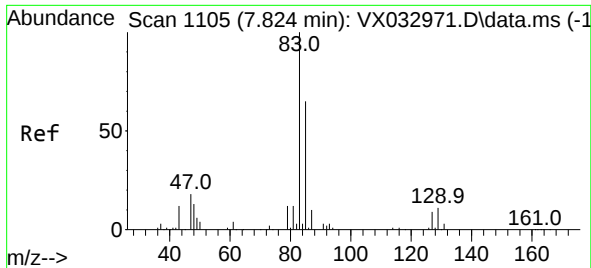
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.8

174 98.4 79.8 119.6





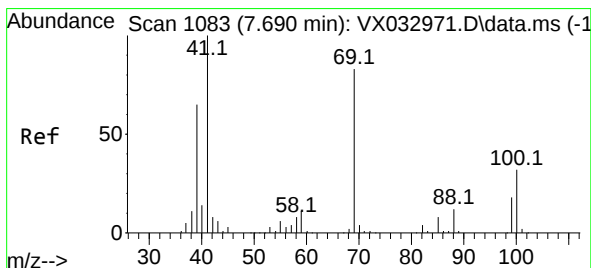
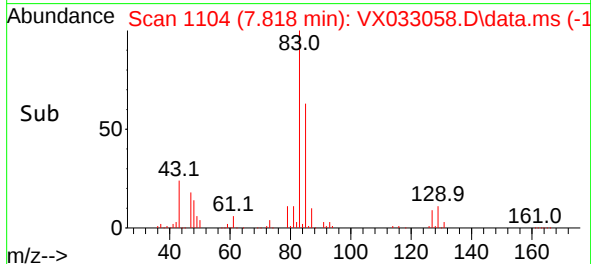
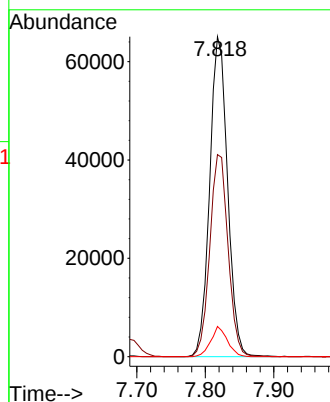
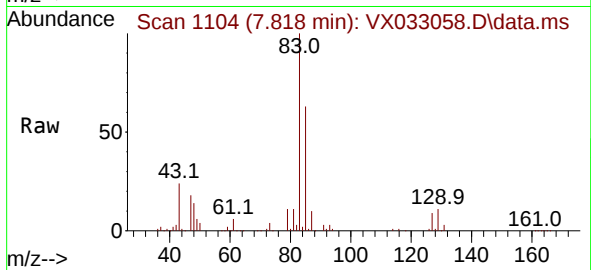
#47
Bromodichloromethane
Concen: 58.525 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 118249
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 9.5 7.4 11.2

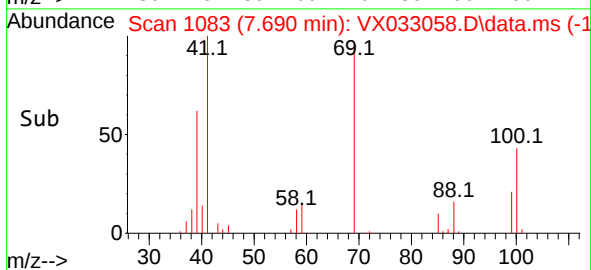
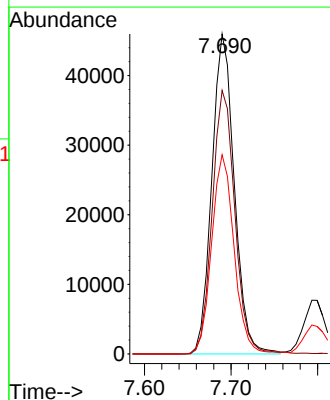
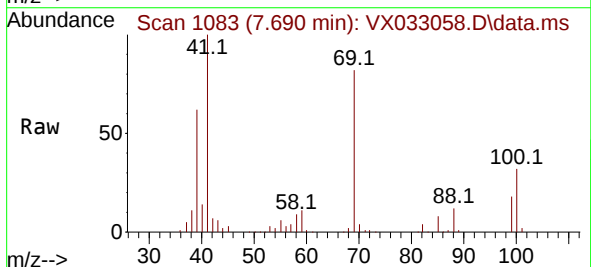
Manual Integrations
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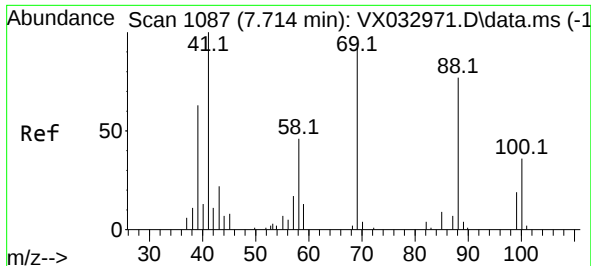
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#48
Methyl methacrylate
Concen: 57.737 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 41 Resp: 82932
Ion Ratio Lower Upper
41 100
69 83.2 65.1 97.7
39 62.3 51.9 77.9





#49

1,4-Dioxane

Concen: 1206.900 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3191

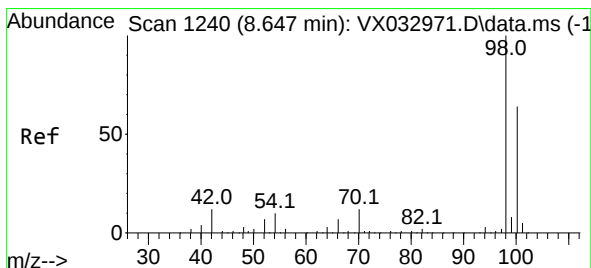
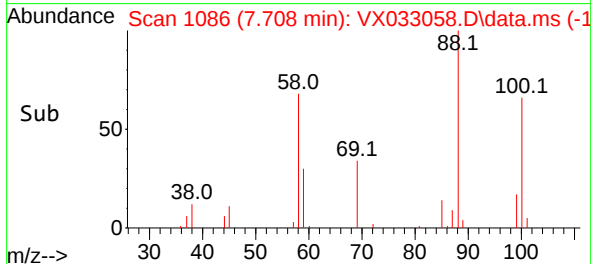
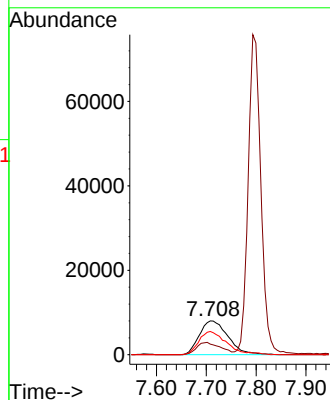
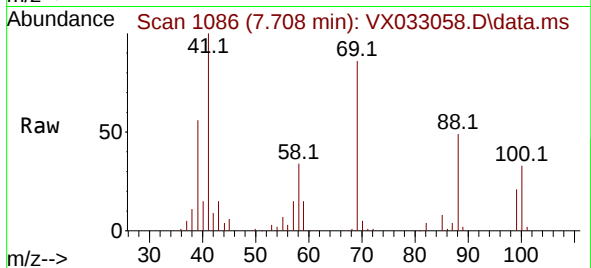
Ion	Ratio	Lower	Upper
88	100		
43	30.3	26.6	39.8
58	66.7	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 50.384 ug/l

RT: 8.647 min Scan# 1240

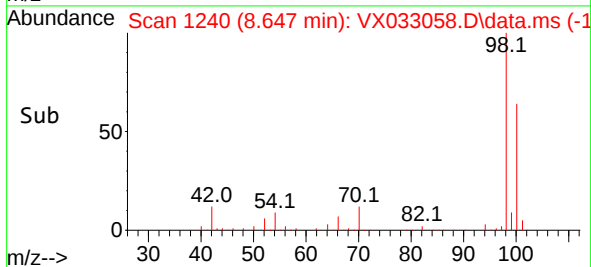
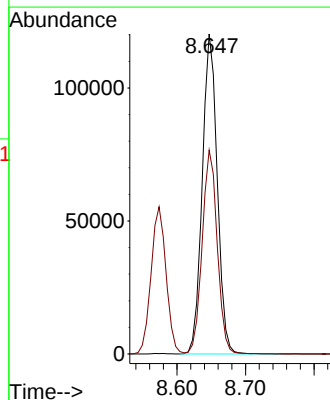
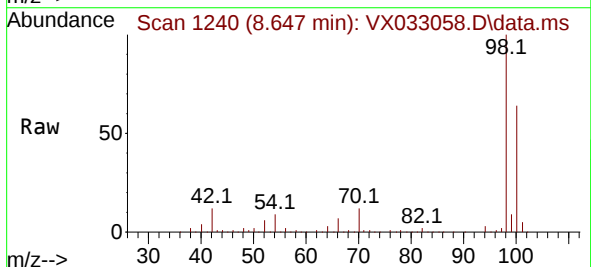
Delta R.T. -0.006 min

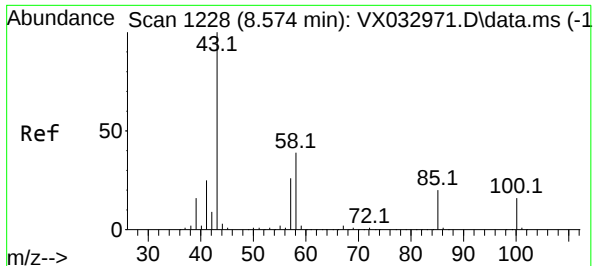
Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion: 98 Resp: 183303

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3





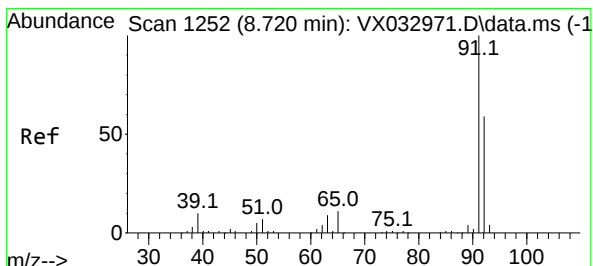
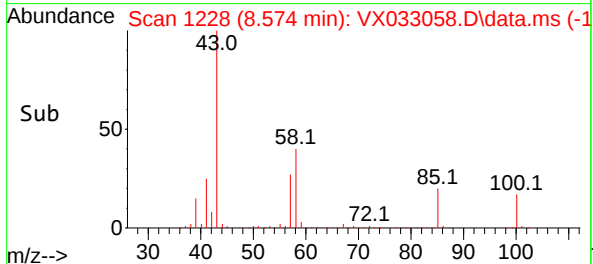
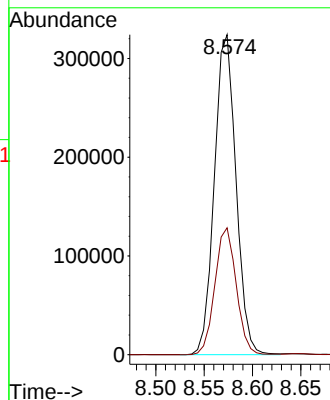
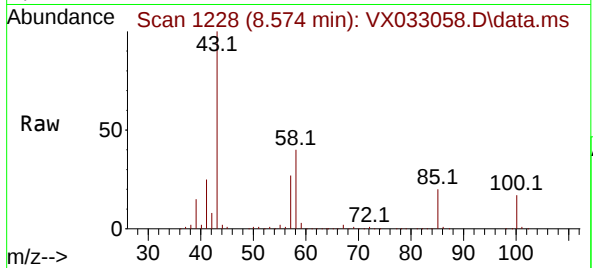
#51
4-Methyl-2-Pentanone
Concen: 292.343 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 503389
Ion Ratio Lower Upper
43 100
58 39.1 30.9 46.3

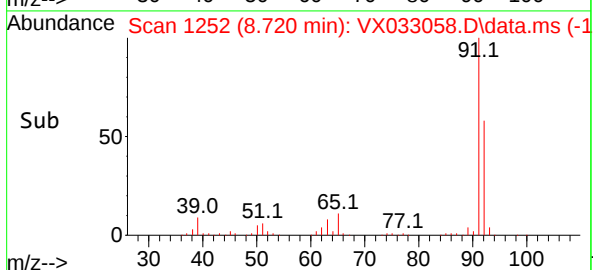
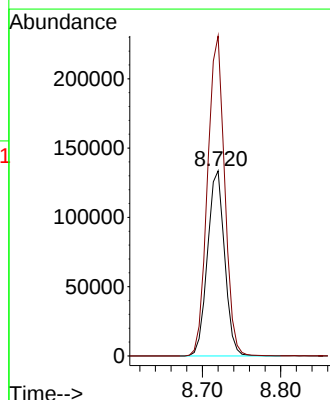
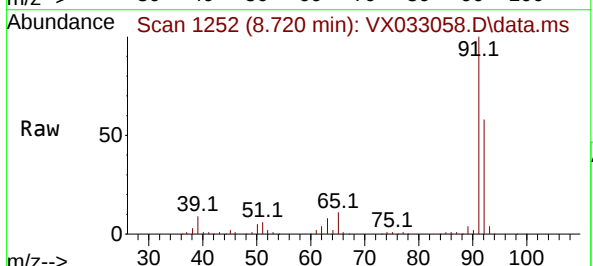
Manual Integrations
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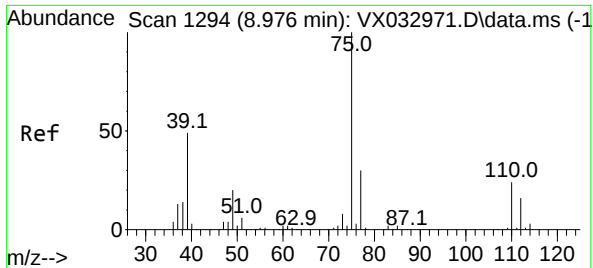
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#52
Toluene
Concen: 56.704 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion: 92 Resp: 202292
Ion Ratio Lower Upper
92 100
91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 57.516 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 125374

Ion Ratio Lower Upper

75 100

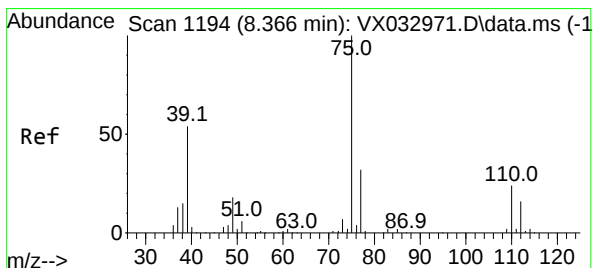
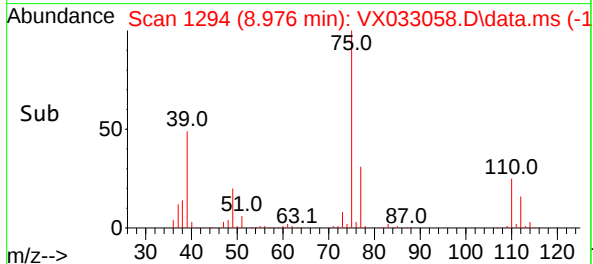
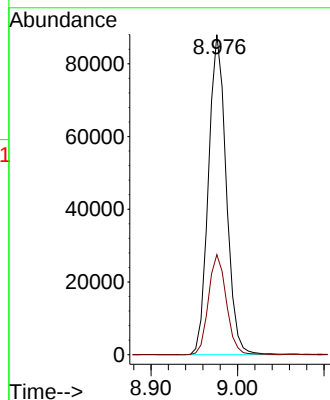
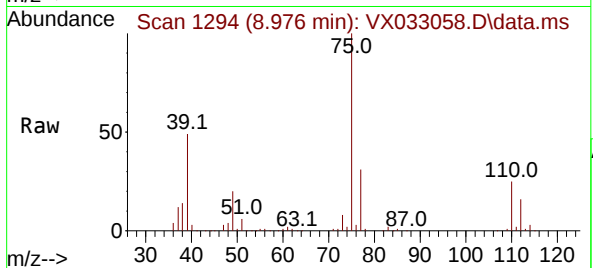
77 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#54

cis-1,3-Dichloropropene

Concen: 61.043 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

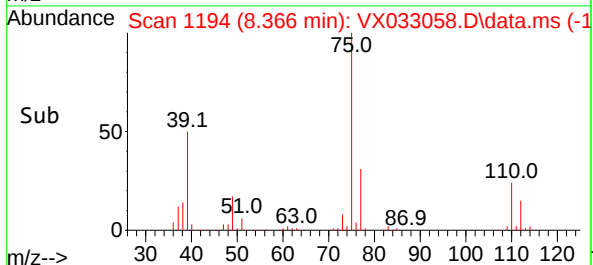
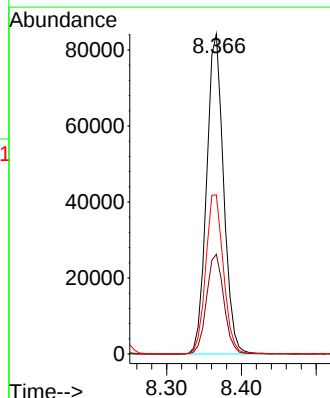
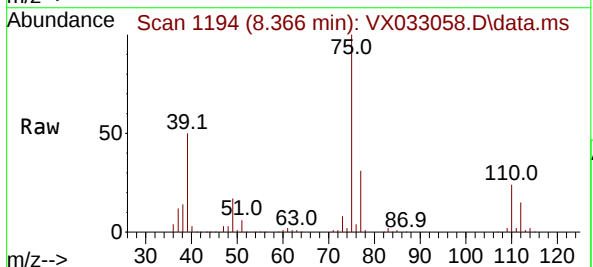
Tgt Ion: 75 Resp: 132961

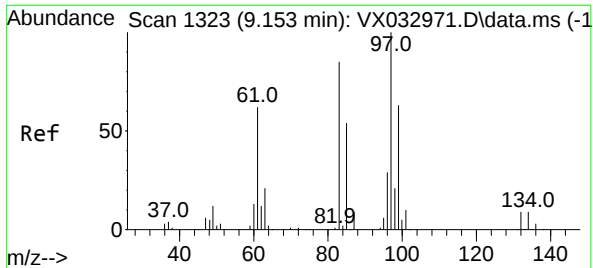
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 49.7 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 56.427 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

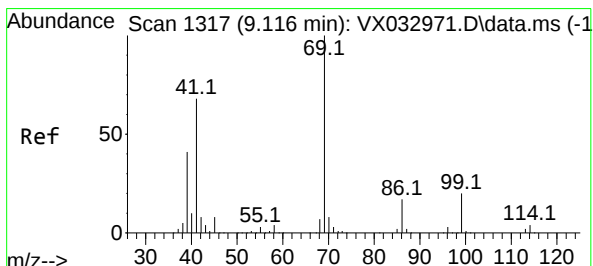
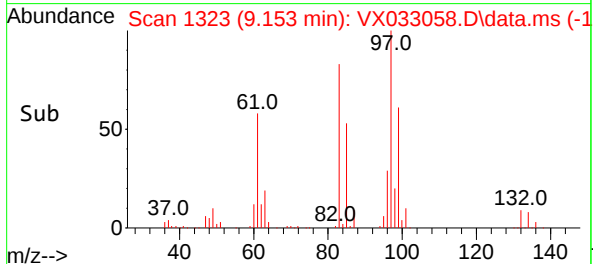
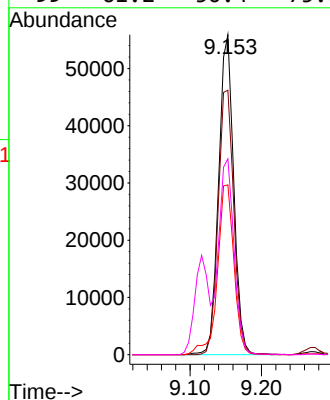
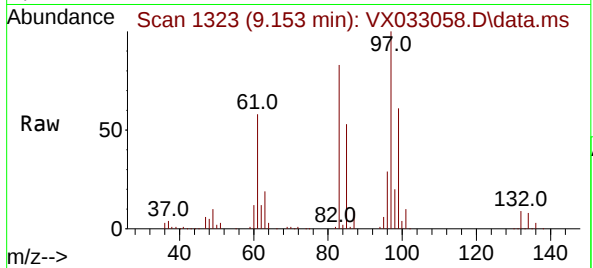
Tgt Ion:	97	Resp:	8195
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.1	102.1
85	53.0	43.3	64.9
99	61.2	50.4	75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#56

Ethyl methacrylate

Concen: 60.811 ug/l

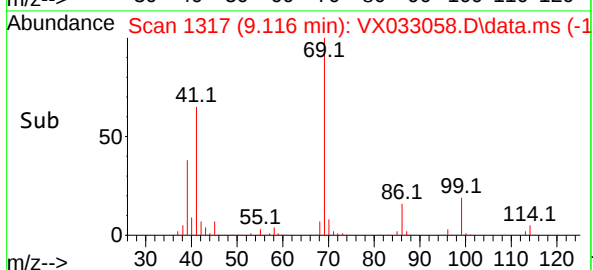
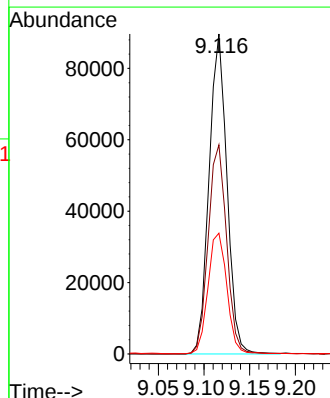
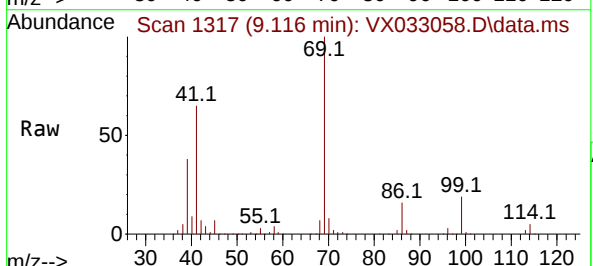
RT: 9.116 min Scan# 1317

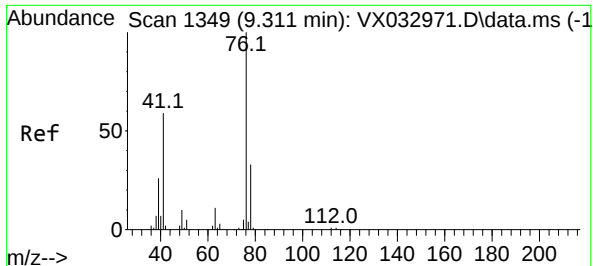
Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion:	69	Resp:	121694
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.3	81.5
39	39.9	35.2	52.8





#57

1,3-Dichloropropane

Concen: 57.222 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 134172

Ion Ratio Lower Upper

76 100

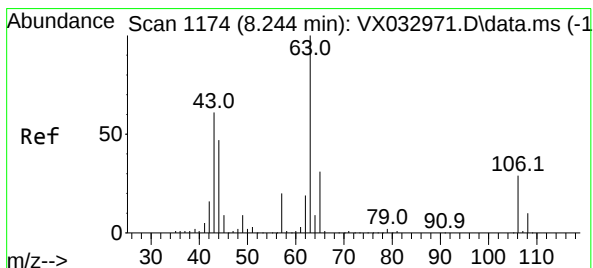
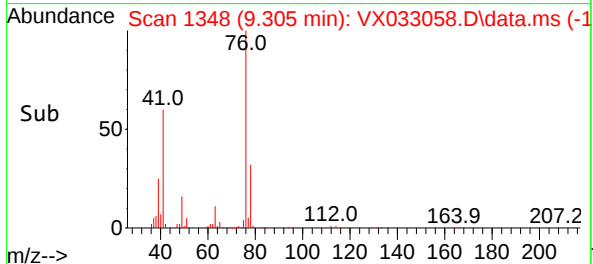
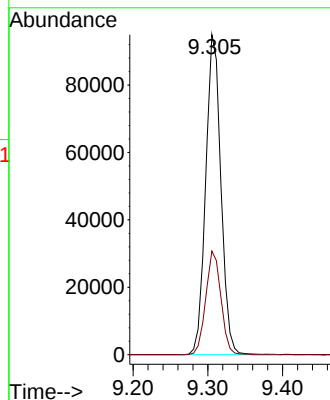
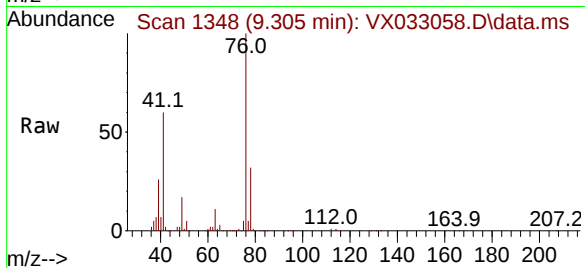
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 285.747 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033058.D

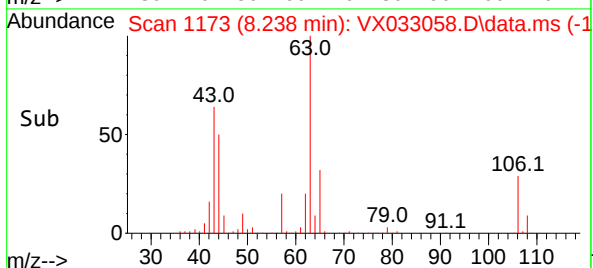
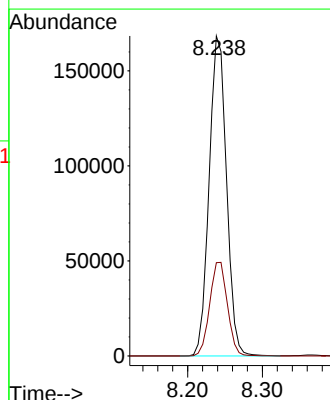
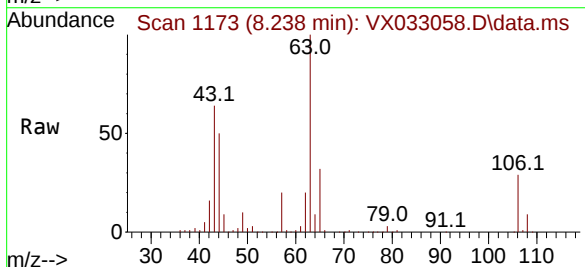
Acq: 25 Nov 2022 11:15

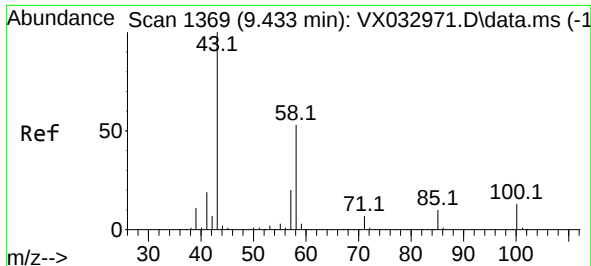
Tgt Ion: 63 Resp: 271542

Ion Ratio Lower Upper

63 100

106 29.8 23.3 34.9





#59

2-Hexanone

Concen: 308.851 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 392860

Ion Ratio Lower Upper

43 100

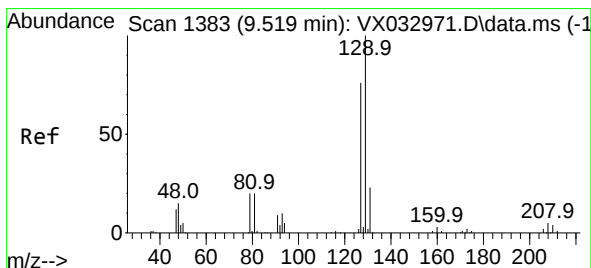
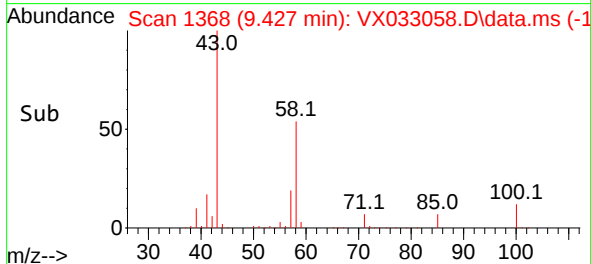
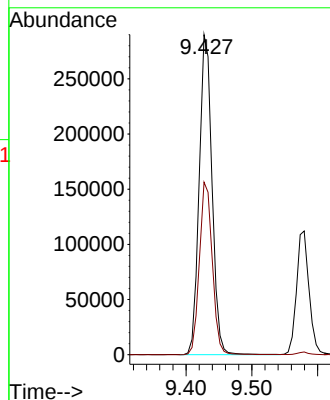
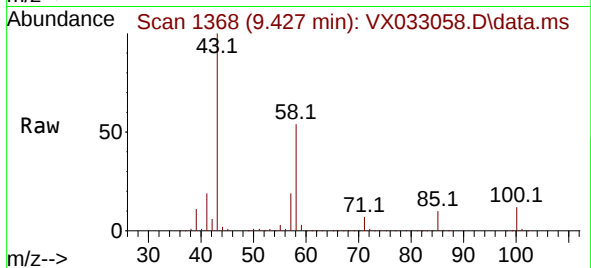
58 54.2 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#60

Dibromochloromethane

Concen: 61.366 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033058.D

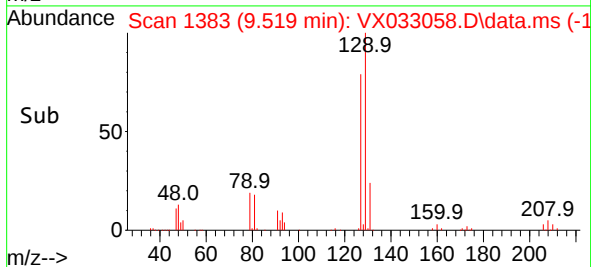
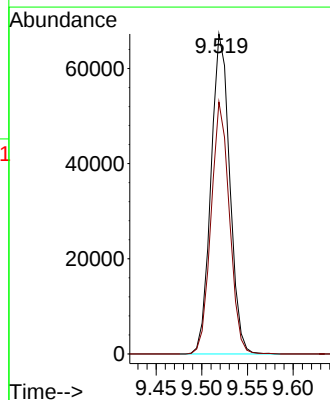
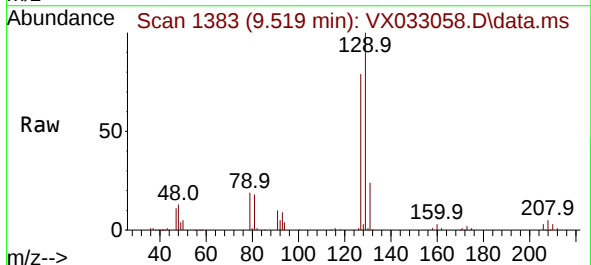
Acq: 25 Nov 2022 11:15

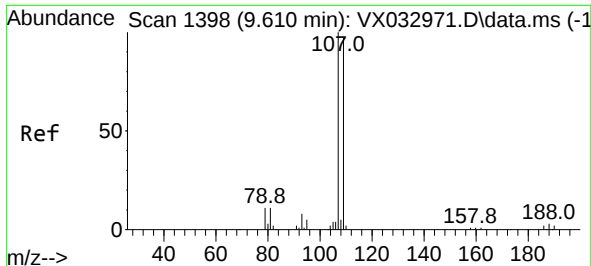
Tgt Ion:129 Resp: 95961

Ion Ratio Lower Upper

129 100

127 76.9 38.6 115.8





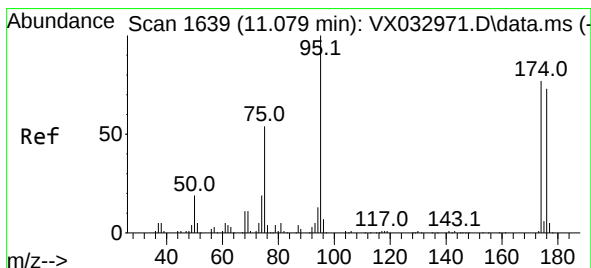
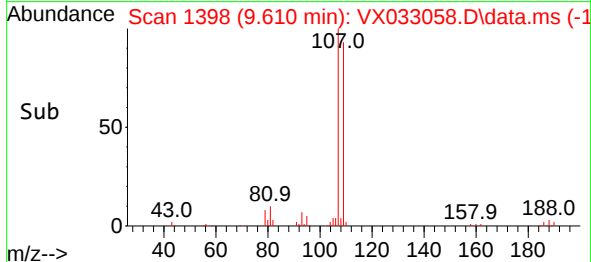
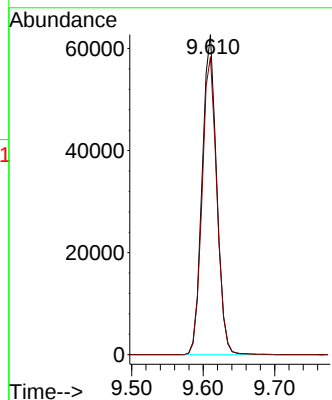
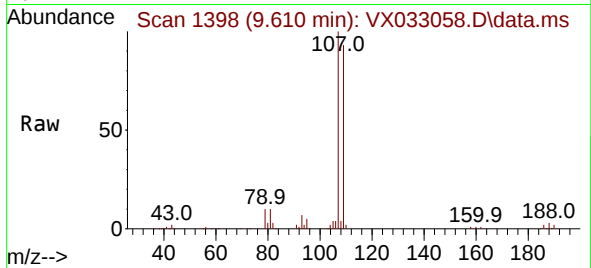
#61
1,2-Dibromoethane
Concen: 57.736 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 88512
Ion Ratio Lower Upper
107 100
109 94.4 76.0 114.0

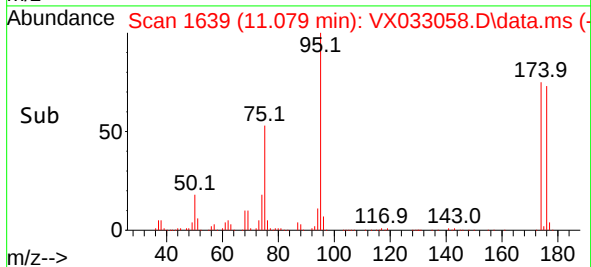
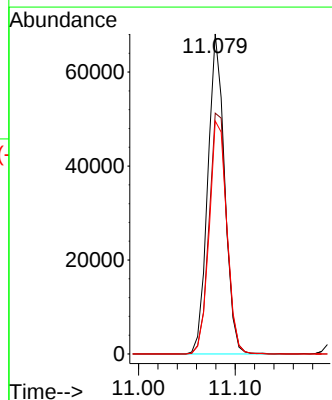
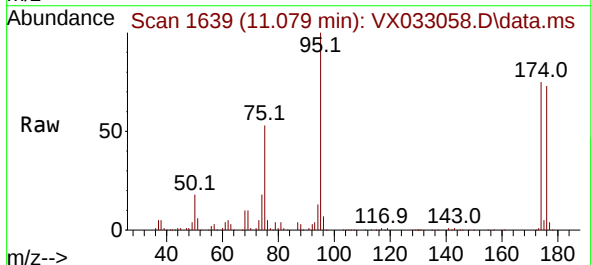
Manual Integrations
APPROVED

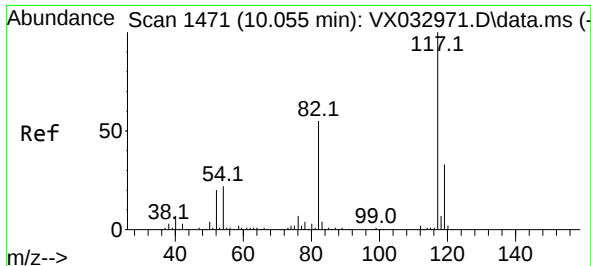
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#62
4-Bromofluorobenzene
Concen: 51.879 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

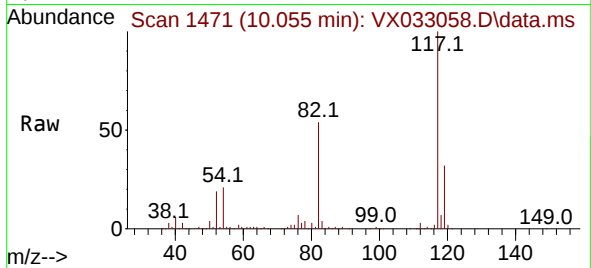
Tgt Ion: 95 Resp: 82428
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.0
176 76.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

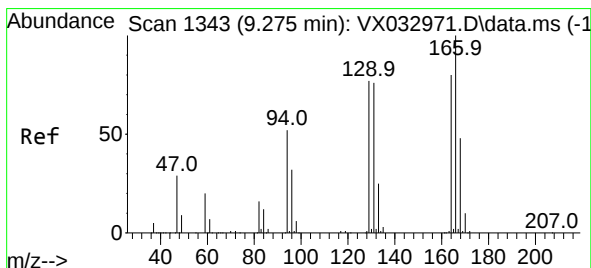
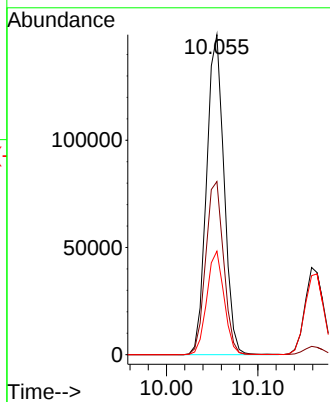
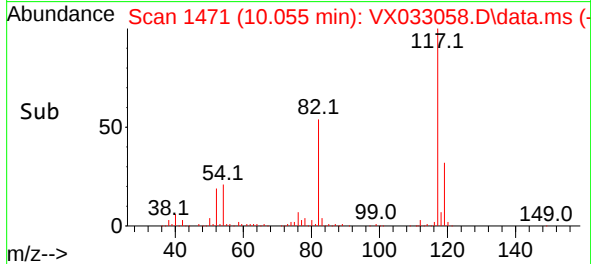
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 197289
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.3 25.7 38.5

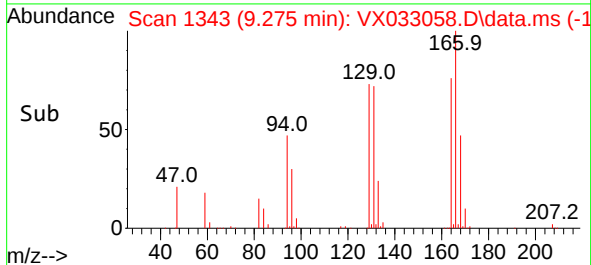
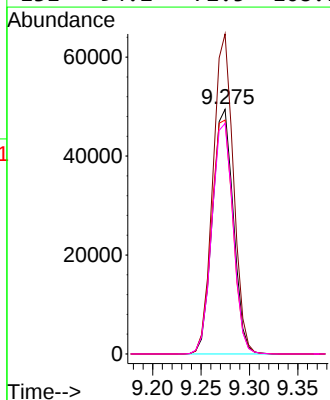
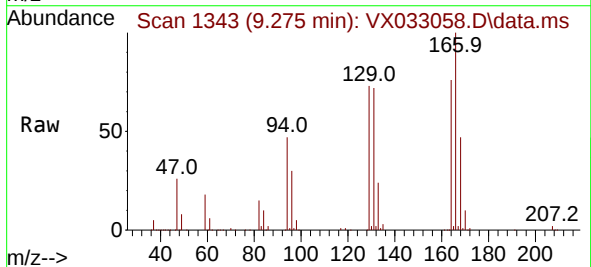
Manual Integrations
APPROVED

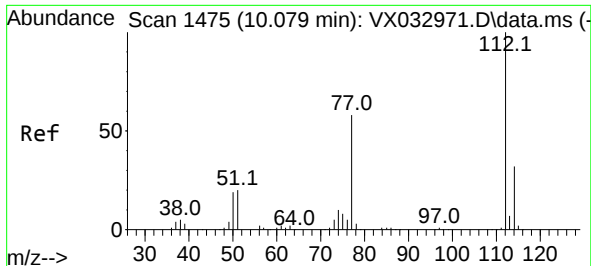
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#64
Tetrachloroethene
Concen: 53.266 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion:164 Resp: 74385
Ion Ratio Lower Upper
164 100
166 130.8 105.4 158.2
129 95.6 78.2 117.2
131 94.2 72.5 108.7





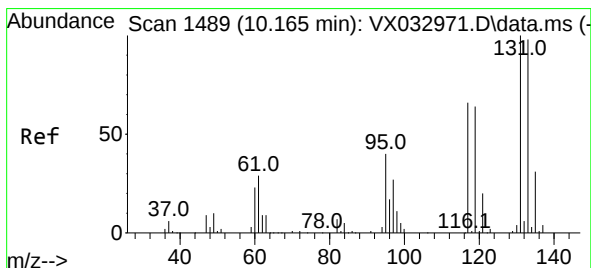
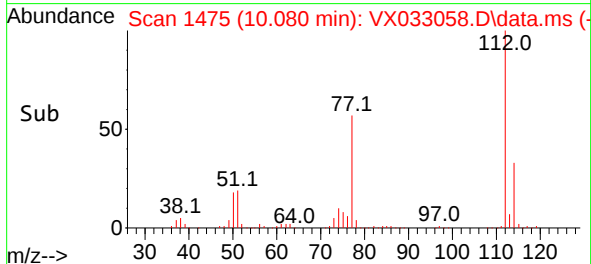
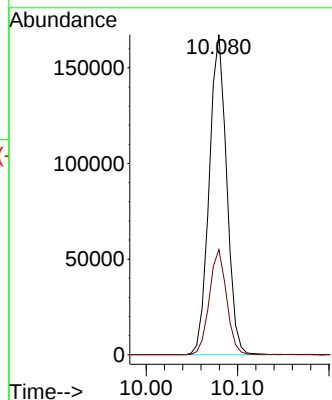
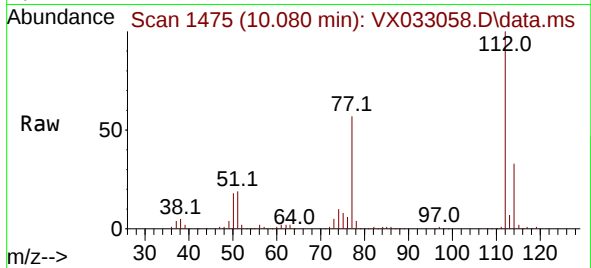
#65
Chlorobenzene
Concen: 56.340 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 221600
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

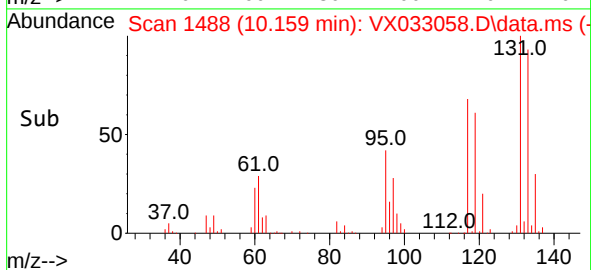
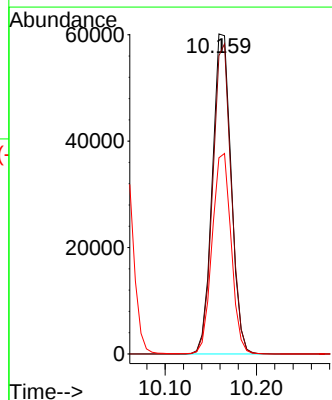
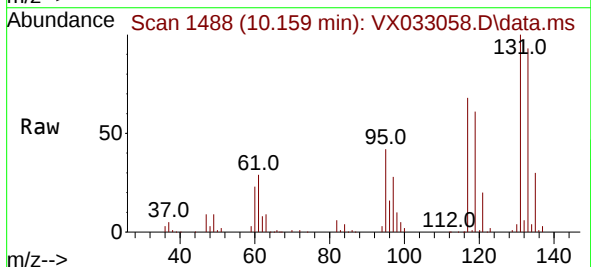
Manual Integrations
APPROVED

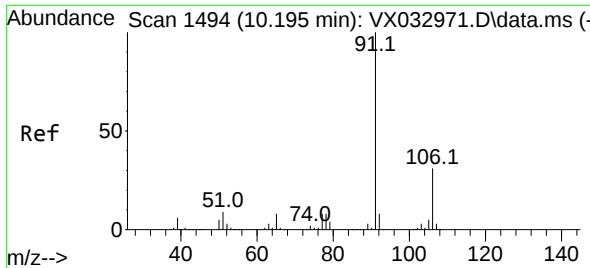
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 59.667 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

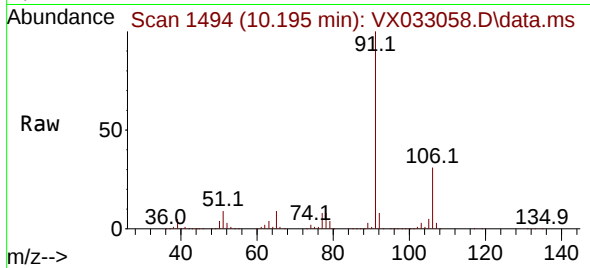
Tgt Ion:131 Resp: 85994
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 63.3 32.4 97.0





#67
Ethyl Benzene
Concen: 57.755 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

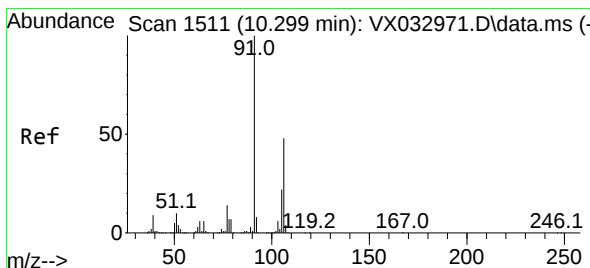
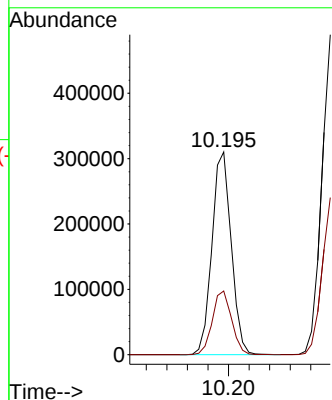
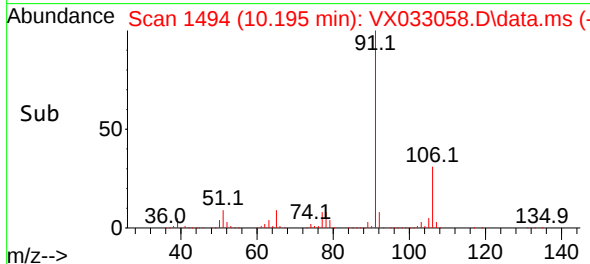
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



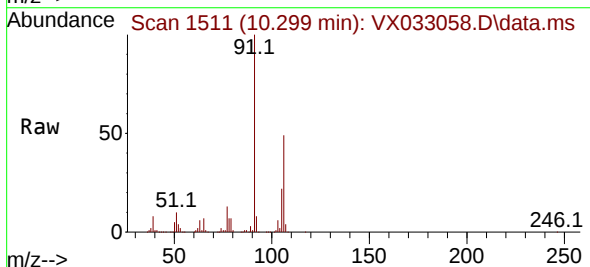
Tgt Ion: 91 Resp: 402978
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

Manual Integrations
APPROVED

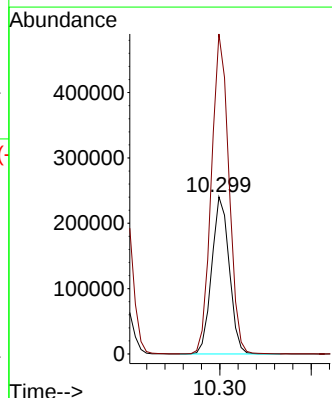
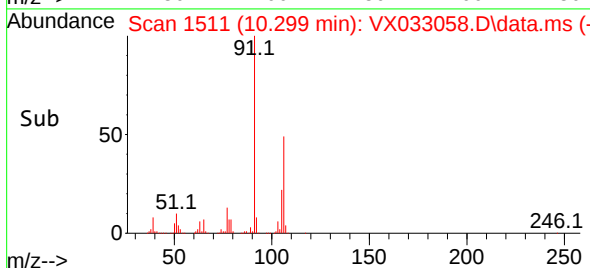
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

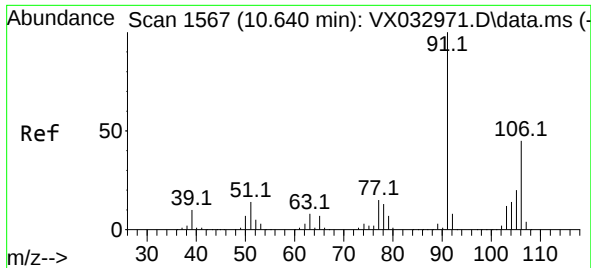


#68
m/p-Xylenes
Concen: 116.567 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion:106 Resp: 318494
Ion Ratio Lower Upper
106 100
91 204.4 164.5 246.7





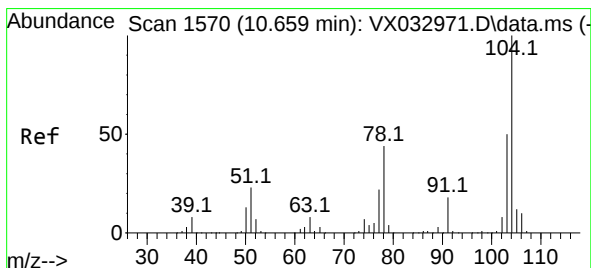
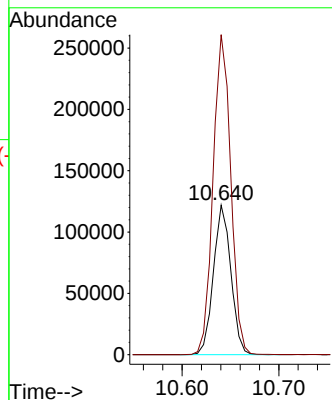
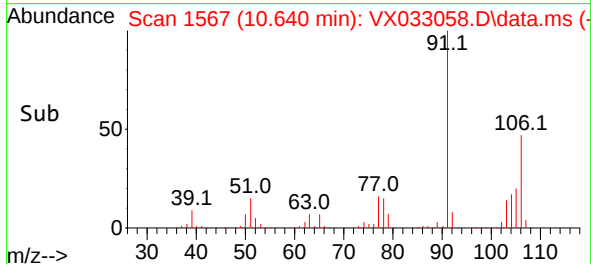
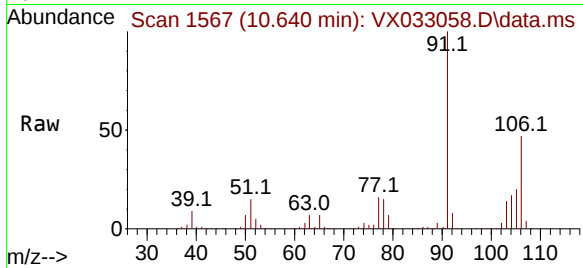
#69
o-Xylene
Concen: 57.905 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 153082
Ion Ratio Lower Upper
106 100
91 216.8 109.2 327.6

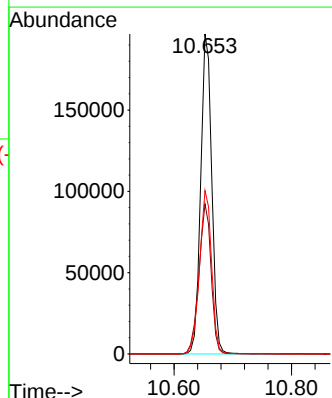
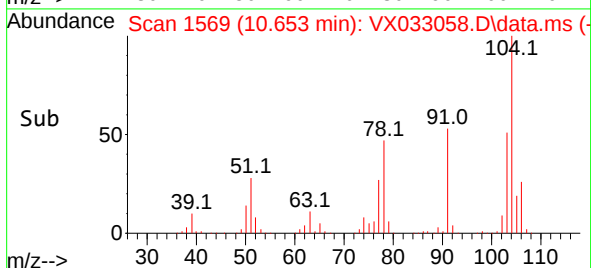
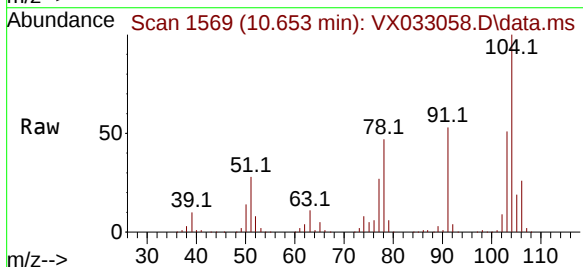
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 59.494 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion:104 Resp: 257313
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.8
103 55.8 44.5 66.7





#71

Bromoform

Concen: 62.814 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6941

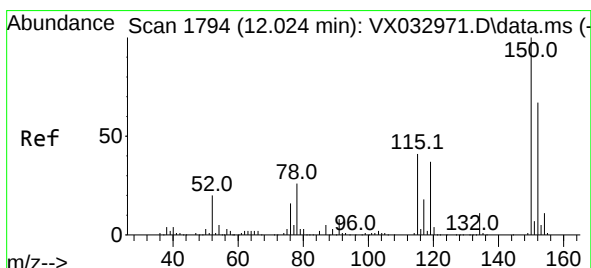
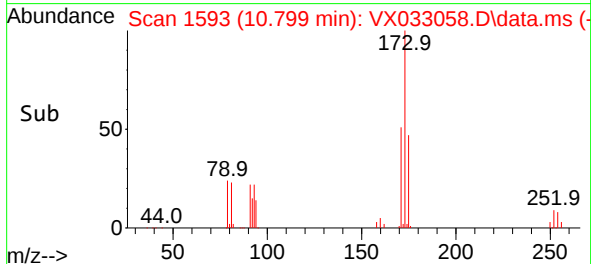
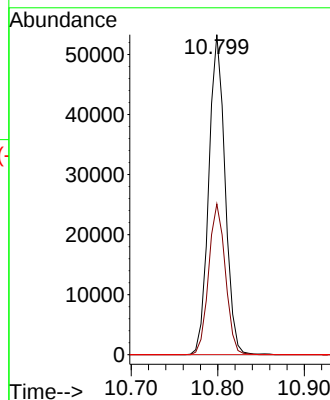
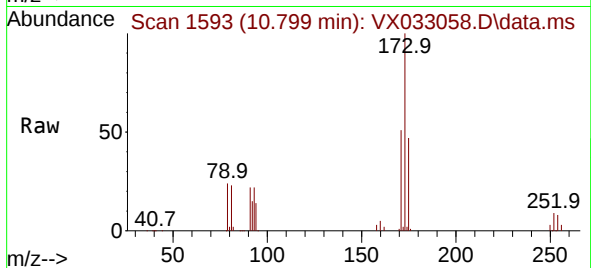
Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

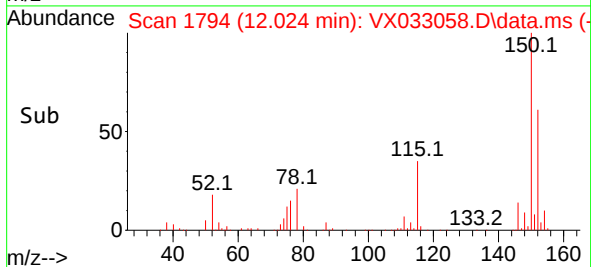
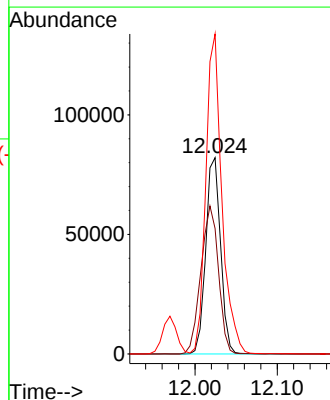
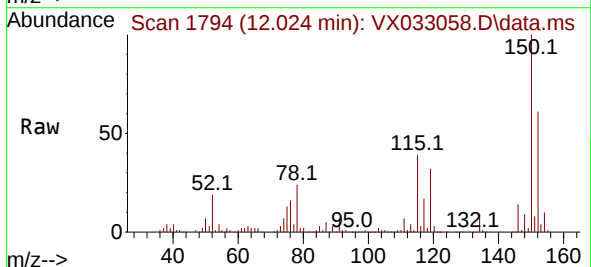
Delta R.T. 0.000 min

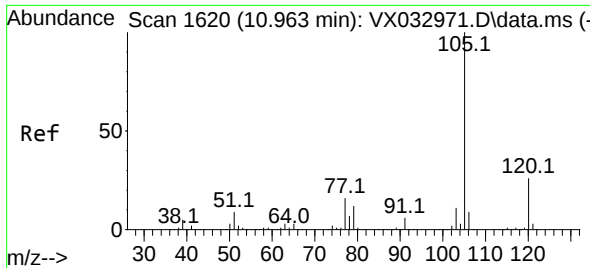
Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion:152 Resp: 102676

Ion	Ratio	Lower	Upper
152	100		
115	89.5	44.0	132.0
150	176.5	0.0	351.8





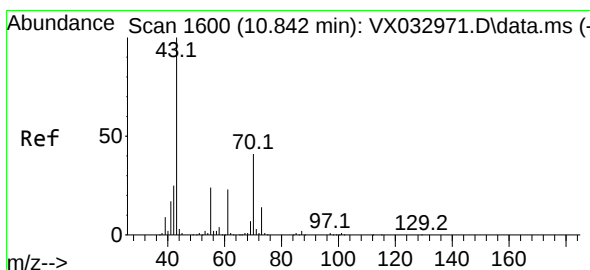
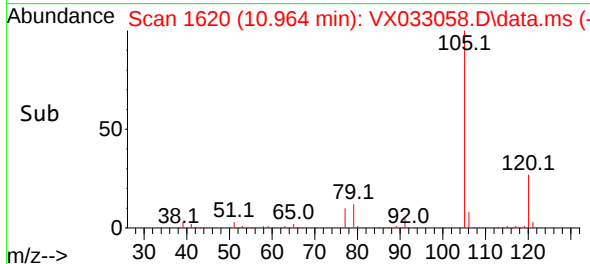
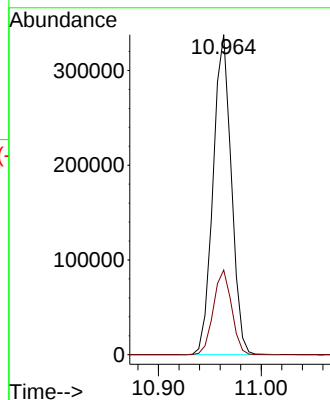
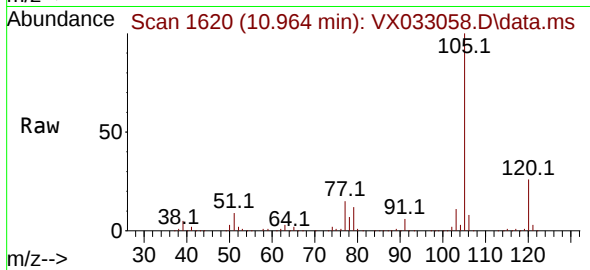
#73
Isopropylbenzene
Concen: 56.837 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 41702
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3

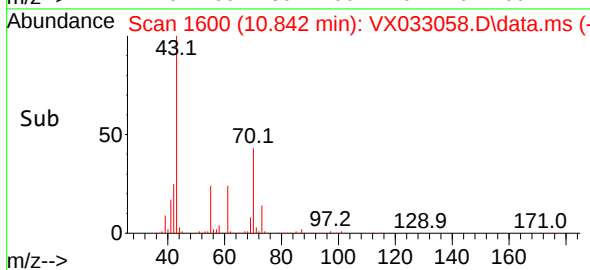
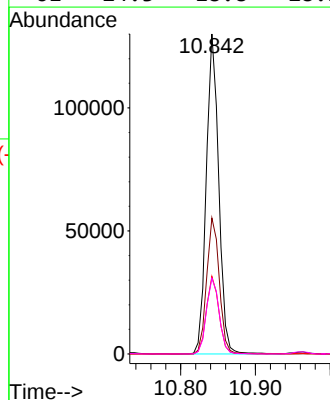
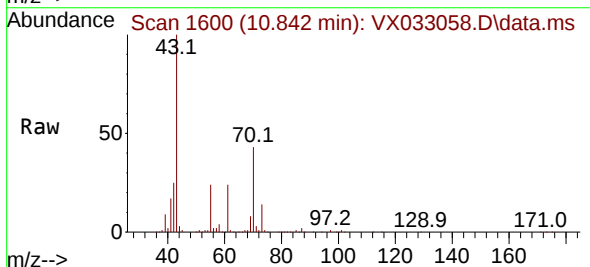
Manual Integrations
APPROVED

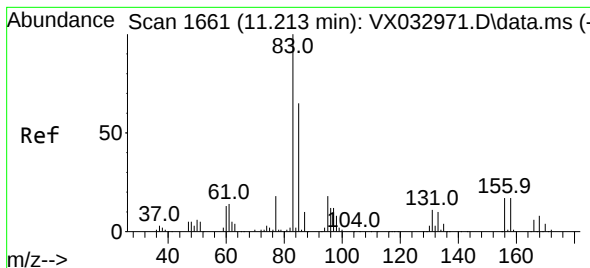
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#74
N-ethyl acetate
Concen: 60.061 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

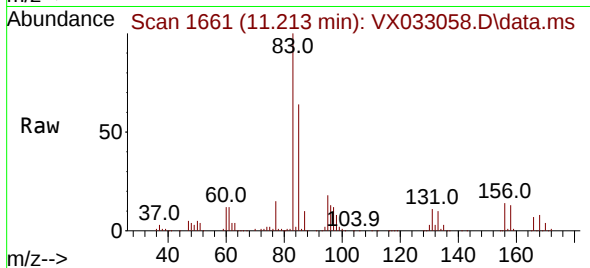
Tgt Ion: 43 Resp: 149907
Ion Ratio Lower Upper
43 100
70 43.4 33.6 50.4
55 24.7 19.4 29.2
61 24.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 56.045 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

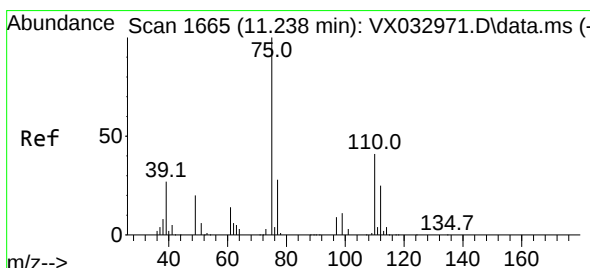
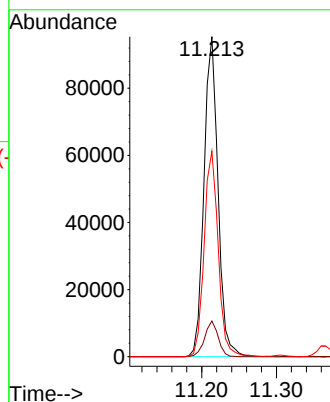
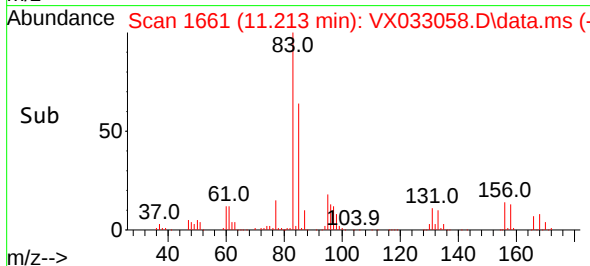
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



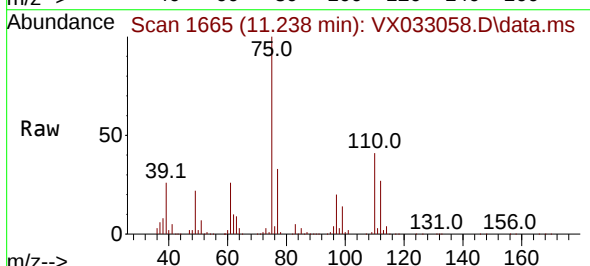
Tgt Ion: 83 Resp: 124110
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.4 31.9 95.9

Manual Integrations
APPROVED

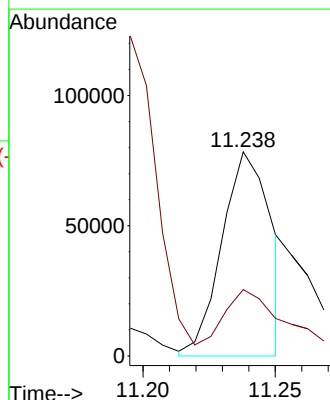
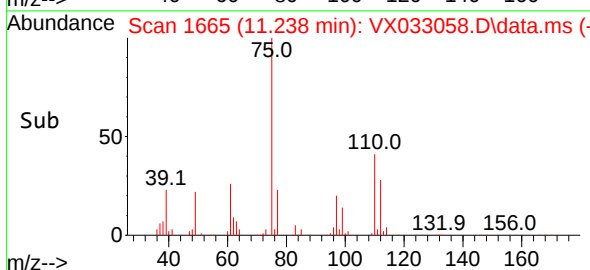
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

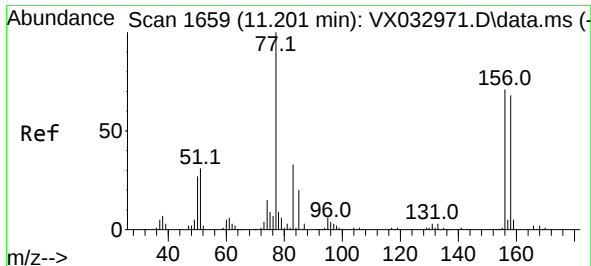


#76
1,2,3-Trichloropropane
Concen: 51.903 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



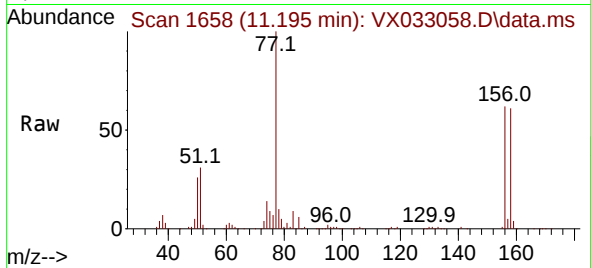
Tgt Ion: 75 Resp: 100926
Ion Ratio Lower Upper
75 100
77 42.7 20.0 60.0





#77
Bromobenzene
Concen: 55.244 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

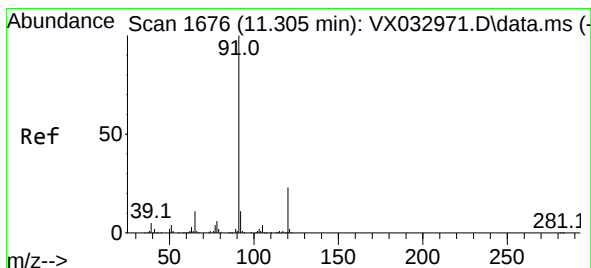
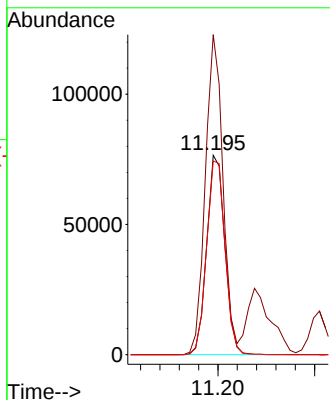
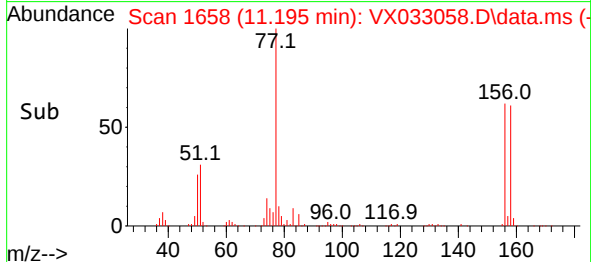
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



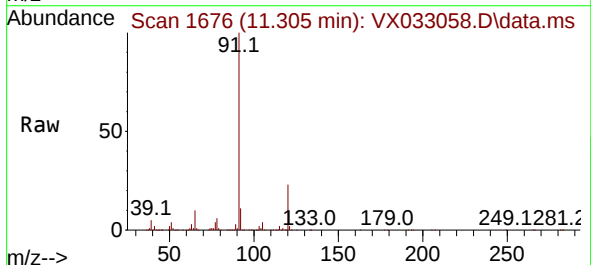
Tgt Ion:156 Resp: 9968
Ion Ratio Lower Upper
156 100
77 155.6 76.1 228.4
158 98.9 48.8 146.3

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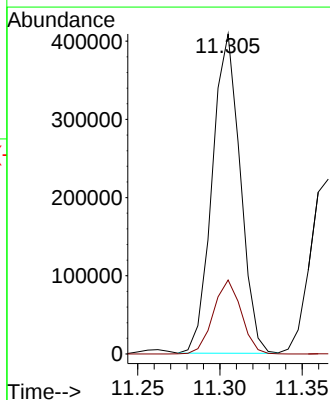
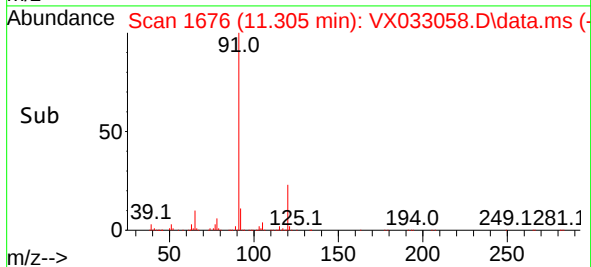
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

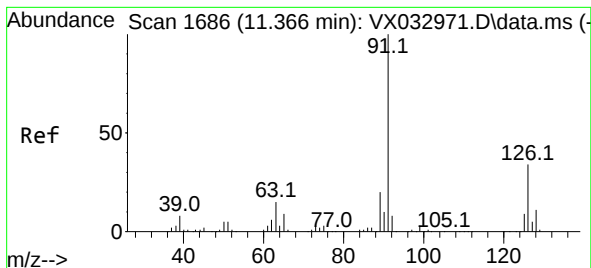


#78
n-propylbenzene
Concen: 57.694 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion: 91 Resp: 483986
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8





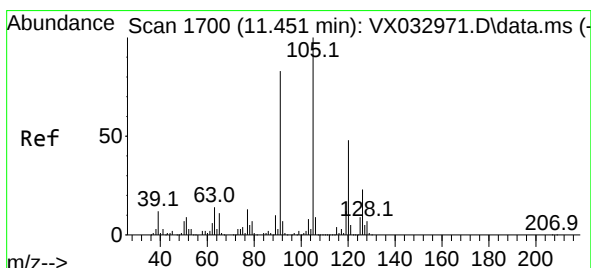
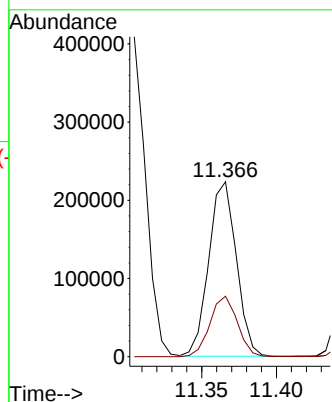
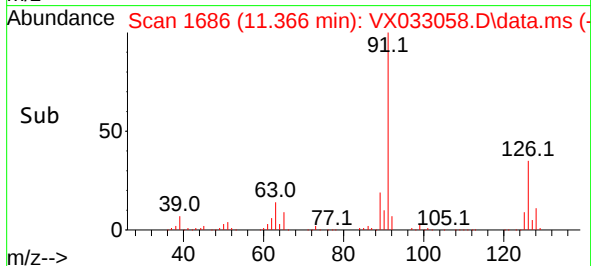
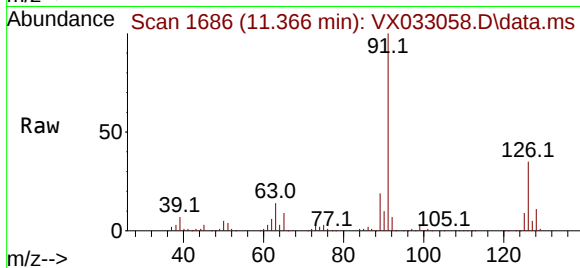
#79
2-Chlorotoluene
Concen: 56.259 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 286639
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

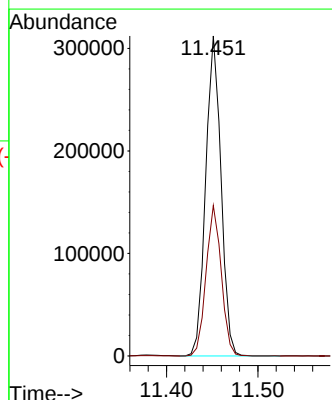
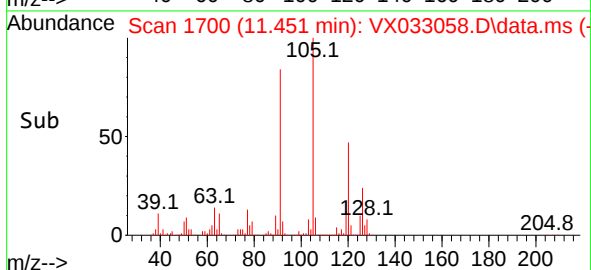
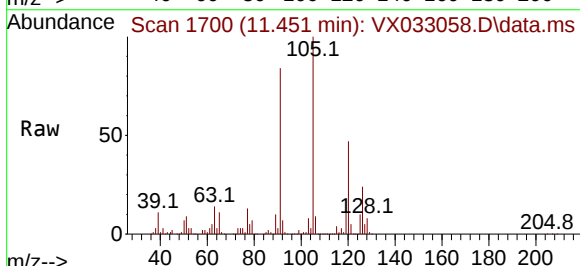
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 58.721 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Tgt Ion:105 Resp: 361940
Ion Ratio Lower Upper
105 100
120 46.7 23.6 71.0





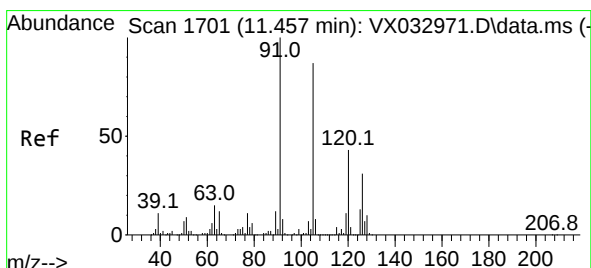
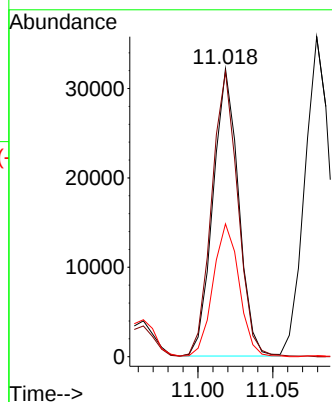
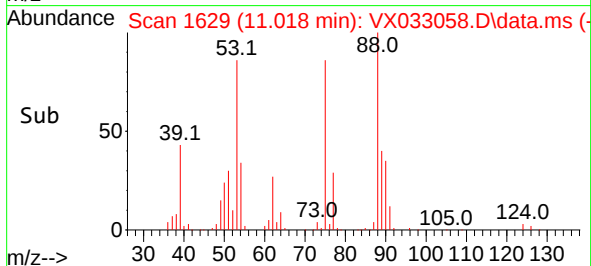
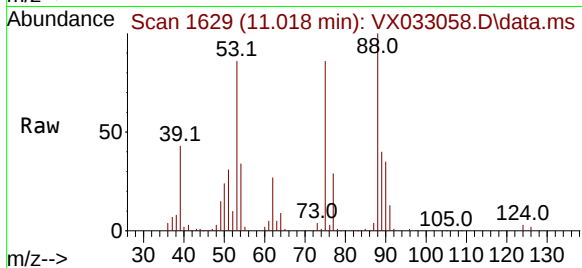
#81
trans-1,4-Dichloro-2-butene
Concen: 63.833 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3818
Ion Ratio Lower Upper
75 100
53 101.8 86.9 130.3
89 47.2 38.3 57.5

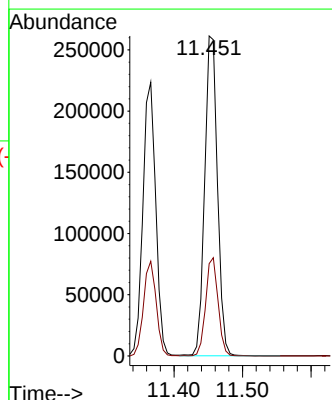
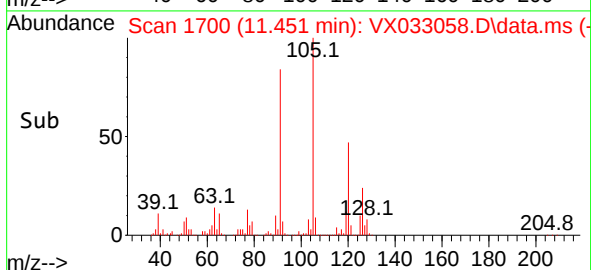
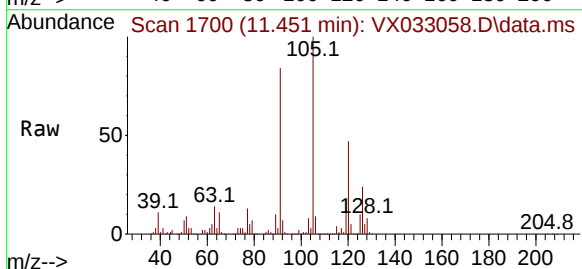
Manual Integrations
APPROVED

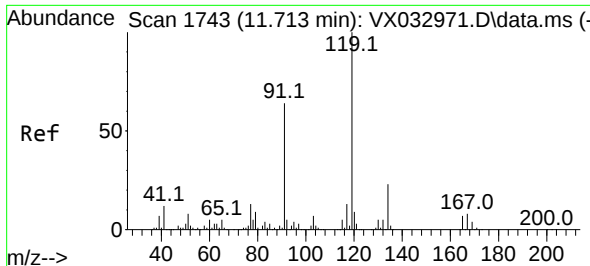
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022



#82
4-Chlorotoluene
Concen: 56.894 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

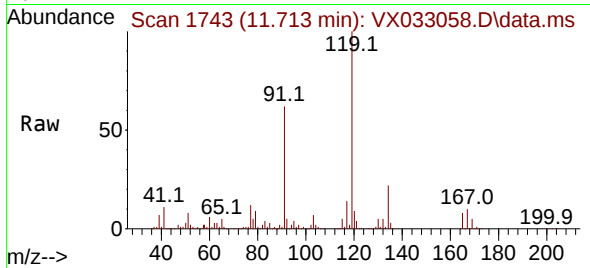
Tgt Ion: 91 Resp: 339695
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 56.863 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

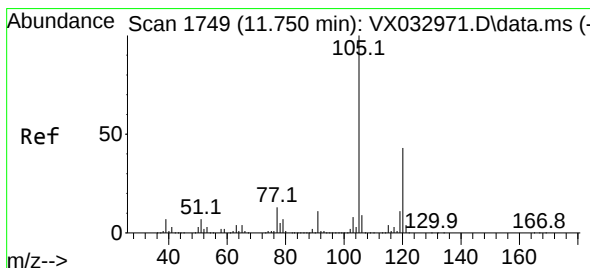
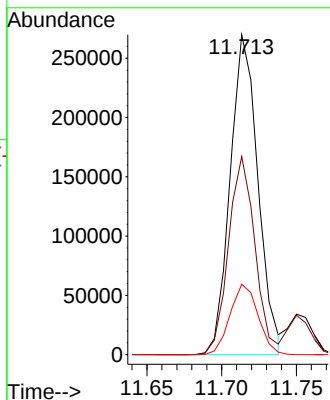
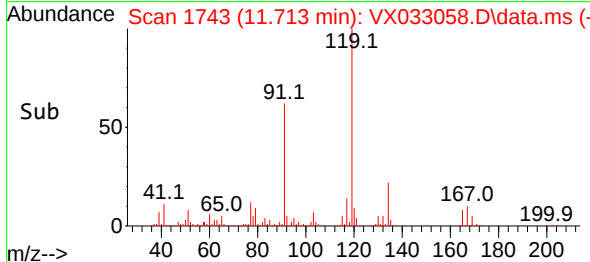
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



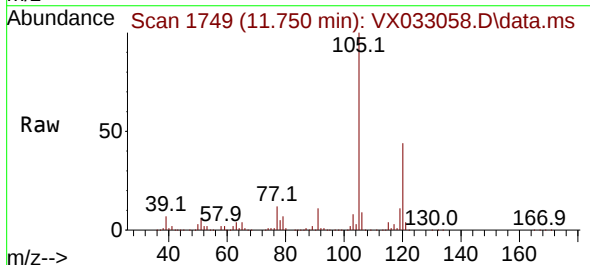
Tgt Ion:119 Resp: 348870
Ion Ratio Lower Upper
119 100
91 59.2 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

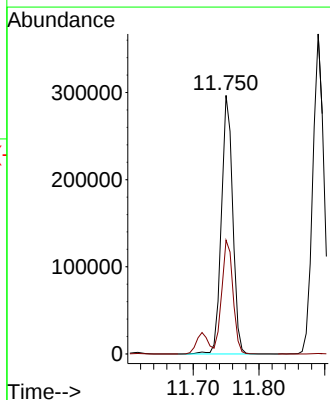
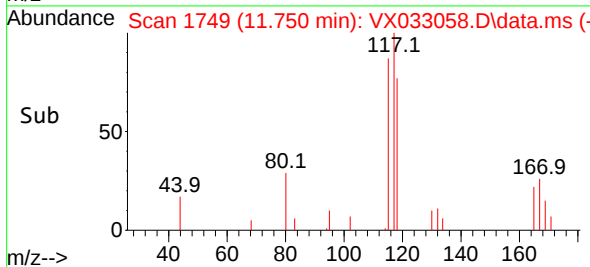
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

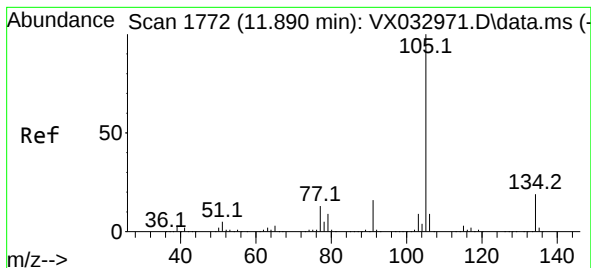


#84
1,2,4-Trimethylbenzene
Concen: 57.639 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion:105 Resp: 354244
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





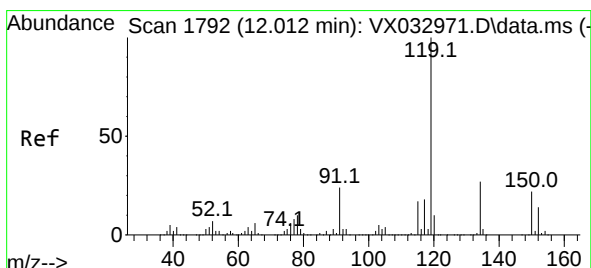
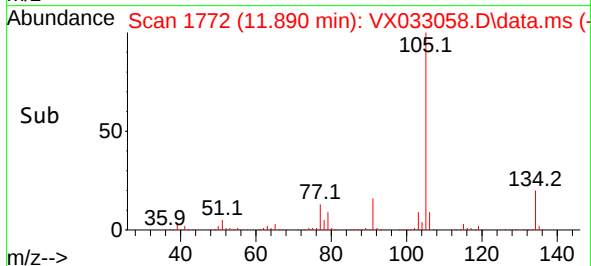
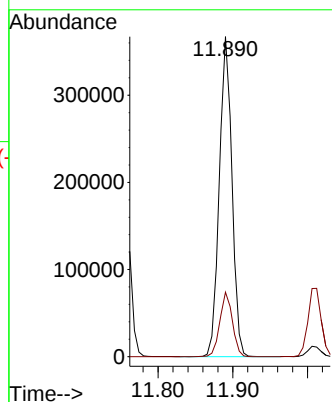
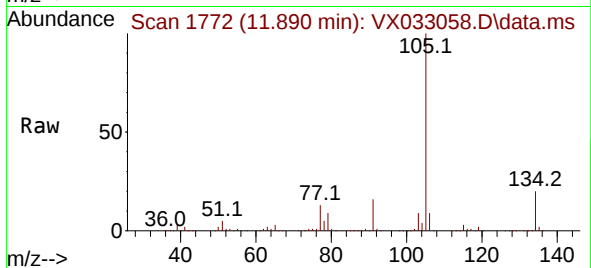
#85
 sec-Butylbenzene
 Concen: 58.733 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 43111
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

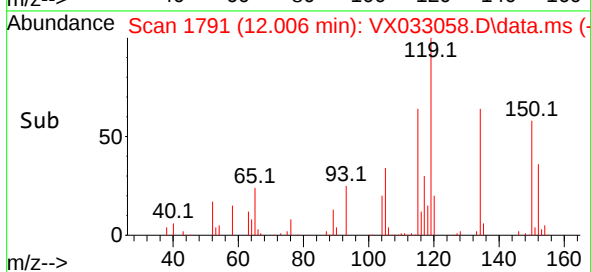
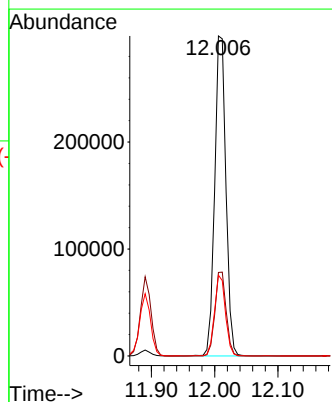
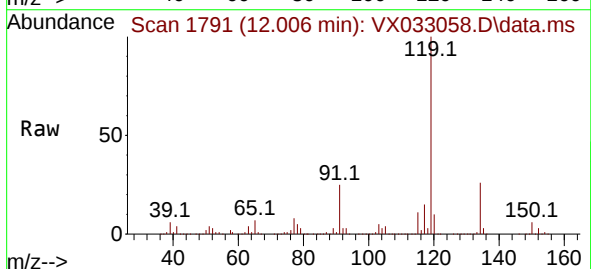
Manual Integrations
 APPROVED

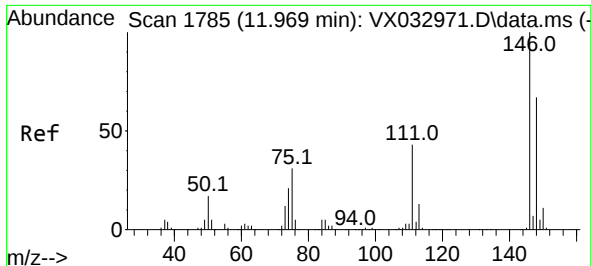
Reviewed By :John Carlone 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022



#86
 p-Isopropyltoluene
 Concen: 59.242 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033058.D
 Acq: 25 Nov 2022 11:15

Tgt Ion:119 Resp: 368426
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 56.517 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 191283

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.8

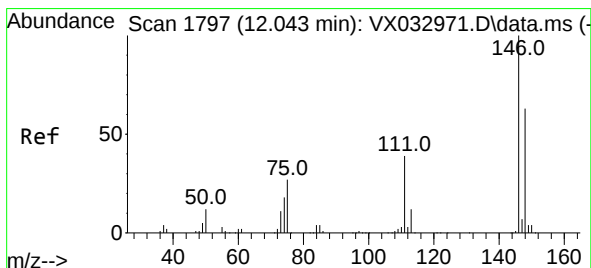
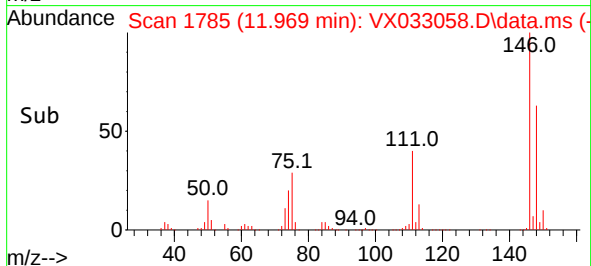
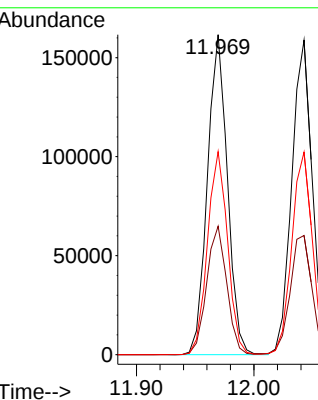
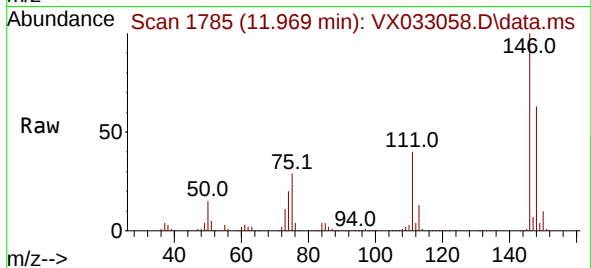
148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#88

1,4-Dichlorobenzene

Concen: 55.631 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

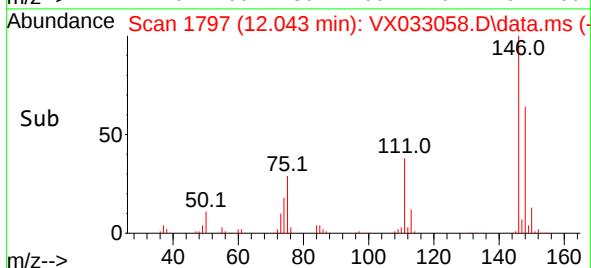
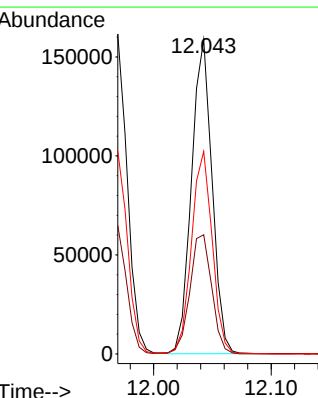
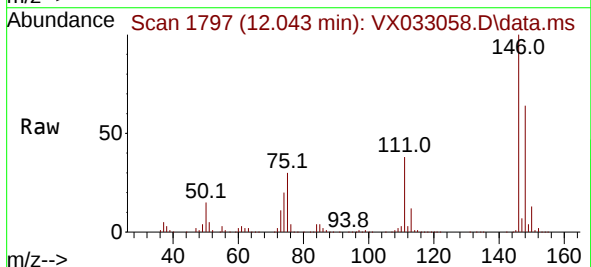
Tgt Ion:146 Resp: 192830

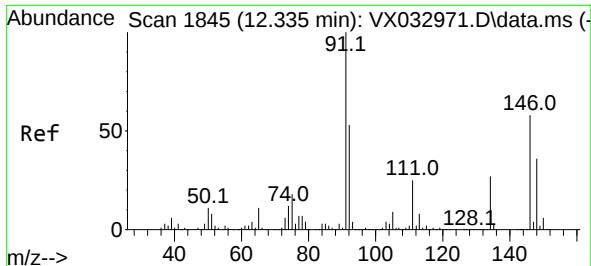
Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 64.9 32.2 96.6





#89

n-Butylbenzene

Concen: 59.923 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 321040

Ion Ratio Lower Upper

91 100

92 52.6 26.2 78.6

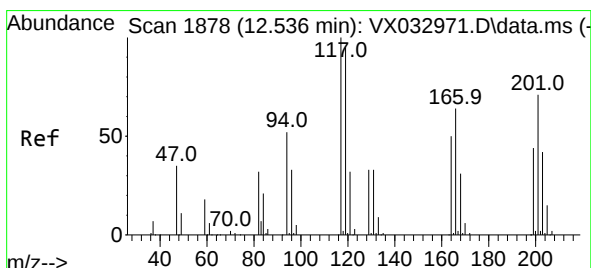
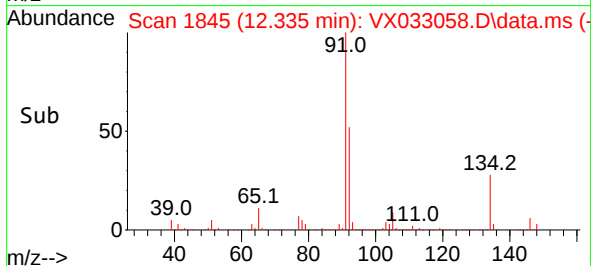
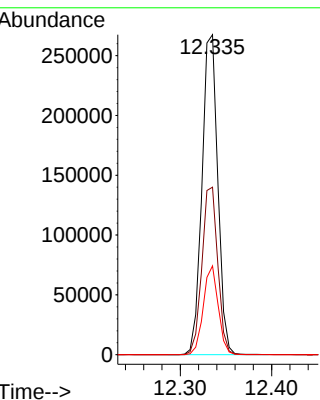
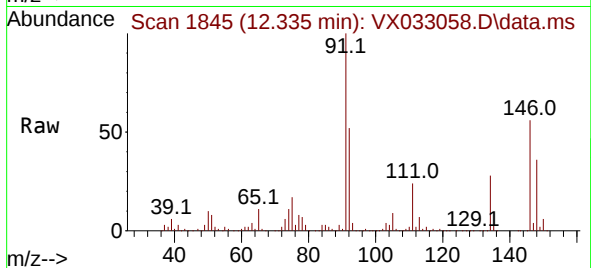
134 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#90

Hexachloroethane

Concen: 60.360 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX033058.D

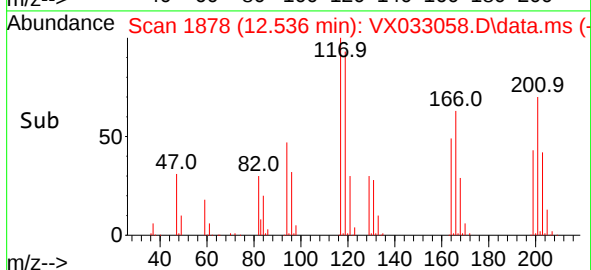
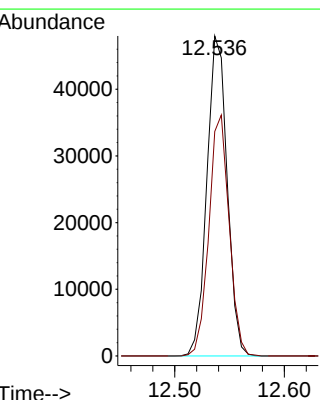
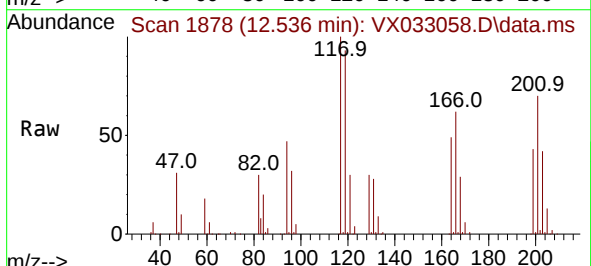
Acq: 25 Nov 2022 11:15

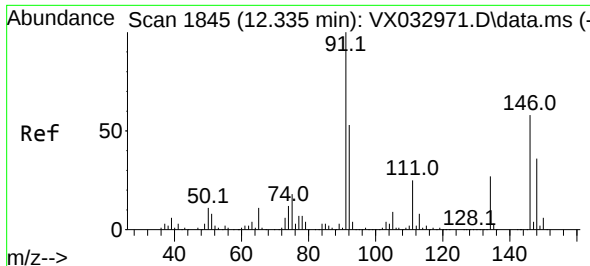
Tgt Ion:117 Resp: 61672

Ion Ratio Lower Upper

117 100

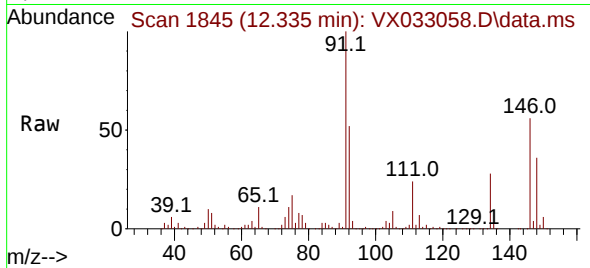
201 75.2 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 56.440 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15

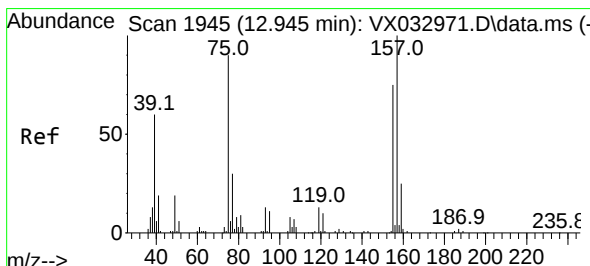
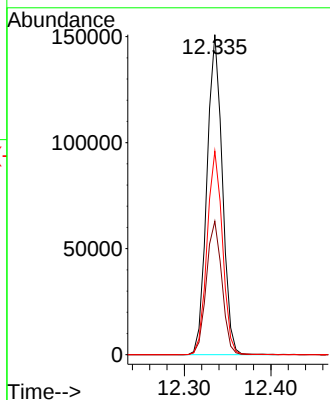
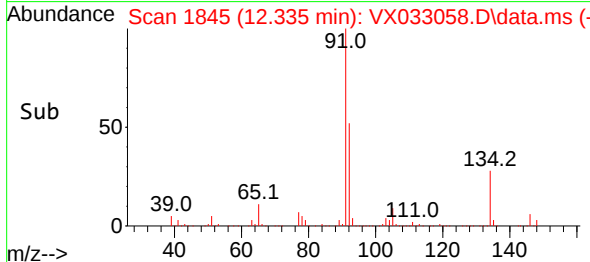
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



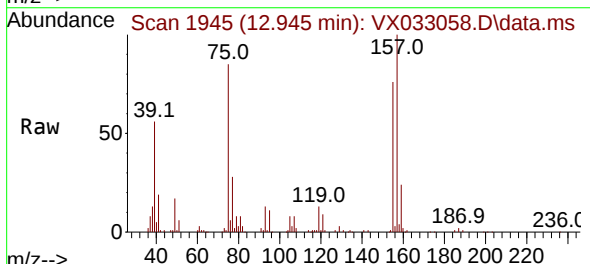
Tgt Ion:146 Resp: 185820
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.5 32.0 96.2

Manual Integrations
APPROVED

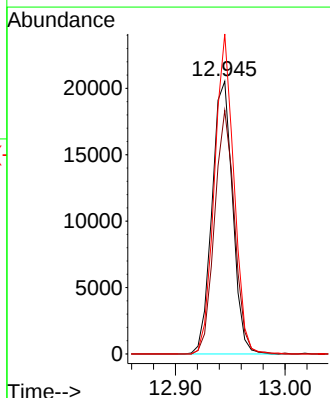
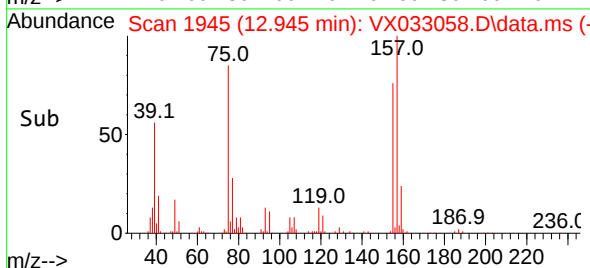
Reviewed By :John Carlone 11/28/2022
Supervised By :Mahesh Dadoda 11/28/2022

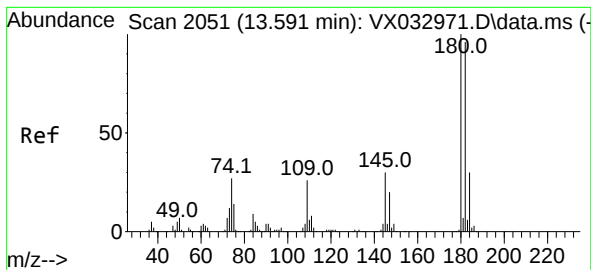


#92
1,2-Dibromo-3-Chloropropane
Concen: 60.740 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033058.D
Acq: 25 Nov 2022 11:15



Tgt Ion: 75 Resp: 26837
Ion Ratio Lower Upper
75 100
155 86.3 41.6 124.8
157 110.6 54.1 162.4





#93

1,2,4-Trichlorobenzene

Concen: 58.376 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

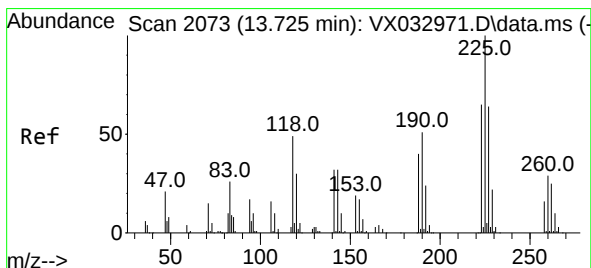
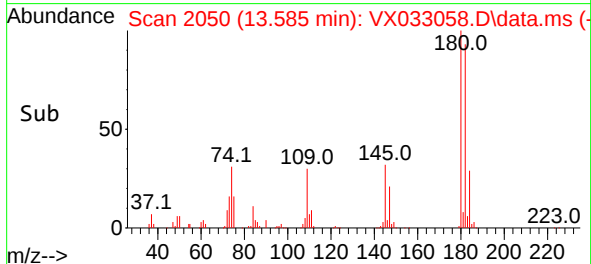
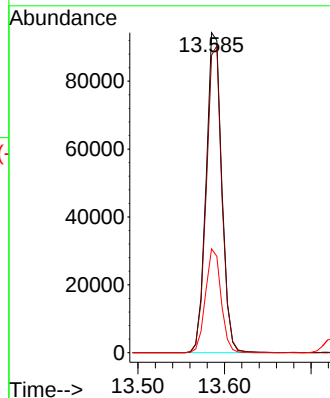
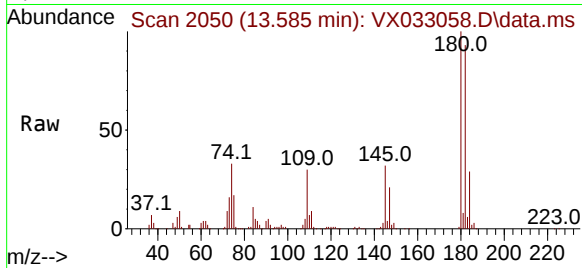
Tgt Ion:180	Resp:	118474
Ion Ratio	Lower	Upper
180	100	
182	95.3	48.4 145.0
145	32.1	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#94

Hexachlorobutadiene

Concen: 57.661 ug/l

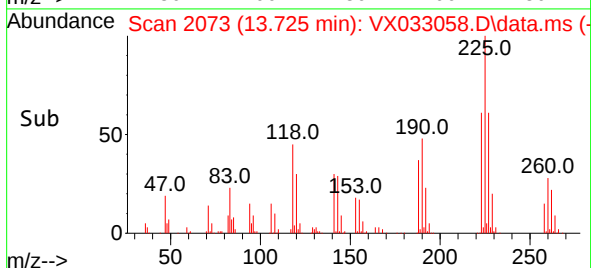
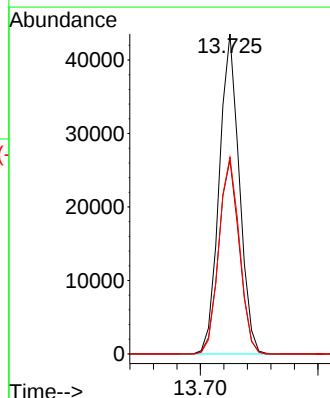
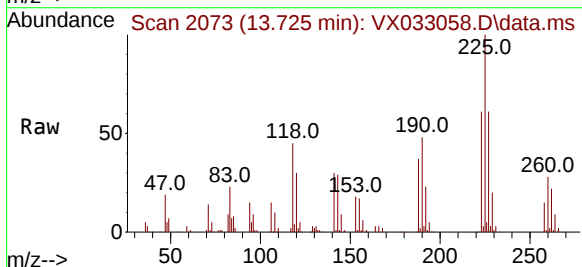
RT: 13.725 min Scan# 2073

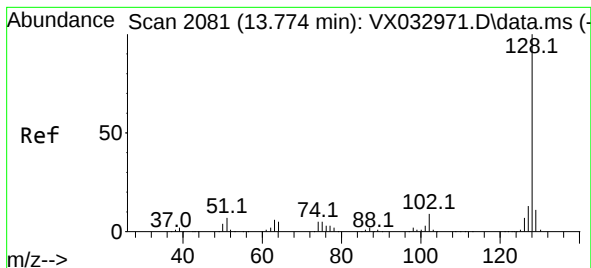
Delta R.T. 0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion:225	Resp:	51628
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.9 95.9
227	62.8	31.9 95.5





#95

Naphthalene

Concen: 58.878 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 386560

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

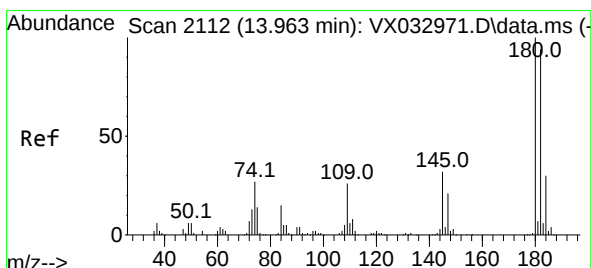
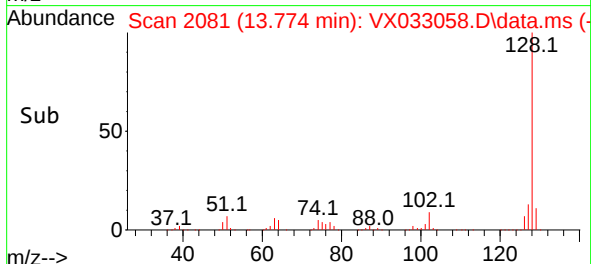
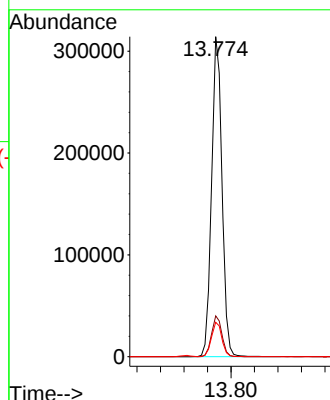
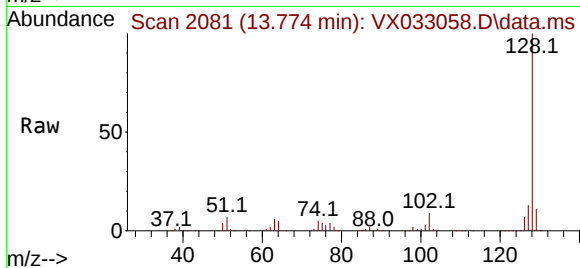
129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2022

Supervised By :Mahesh Dadoda 11/28/2022



#96

1,2,3-Trichlorobenzene

Concen: 57.721 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033058.D

Acq: 25 Nov 2022 11:15

Tgt Ion:180 Resp: 117474

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.6

145 33.7 16.9 50.6

