

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032885.D
 Acq On : 16 Nov 2022 21:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 05:45:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	102947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75580	52.837	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.680%			
35) Dibromofluoromethane	5.385	113	63831	53.576	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.160%			
50) Toluene-d8	8.647	98	205512	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	88715	54.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48838	41.132	ug/l	98
3) Chloromethane	1.294	50	39790	39.626	ug/l	97
4) Vinyl Chloride	1.374	62	46465	42.046	ug/l	99
5) Bromomethane	1.618	94	37012	41.910	ug/l	99
6) Chloroethane	1.691	64	40802	55.036	ug/l	98
7) Trichlorofluoromethane	1.892	101	95601	45.656	ug/l	99
8) Diethyl Ether	2.136	74	34092	50.241	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	52833	47.805	ug/l	99
10) Methyl Iodide	2.453	142	62348	50.692	ug/l	99
11) Tert butyl alcohol	3.008	59	51678m	248.217	ug/l	
12) 1,1-Dichloroethene	2.319	96	47585	46.091	ug/l	95
13) Acrolein	2.239	56	56787	273.220	ug/l	98
14) Allyl chloride	2.666	41	81143	49.304	ug/l	99
15) Acrylonitrile	3.069	53	135731	240.219	ug/l	99
16) Acetone	2.392	43	119425	229.711	ug/l	99
17) Carbon Disulfide	2.514	76	98822	40.187	ug/l	99
18) Methyl Acetate	2.703	43	90290	53.406	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	199670	55.026	ug/l	98
20) Methylene Chloride	2.788	84	58974	49.474	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	53151	47.296	ug/l	96
22) Diisopropyl ether	3.757	45	192681	54.127	ug/l	91
23) Vinyl Acetate	3.721	43	721225	250.773	ug/l	99
24) 1,1-Dichloroethane	3.611	63	108346	52.914	ug/l	99
25) 2-Butanone	4.562	43	185035	229.726	ug/l	99
26) 2,2-Dichloropropane	4.477	77	82152	50.473	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69330	53.373	ug/l	98
28) Bromochloromethane	4.897	49	35591	48.799	ug/l	97
29) Tetrahydrofuran	5.007	42	119099	231.885	ug/l	98
30) Chloroform	5.093	83	123837	55.118	ug/l	99
31) Cyclohexane	5.477	56	74850	43.157	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	108518	53.823	ug/l	99
36) 1,1-Dichloropropene	5.696	75	78728	47.452	ug/l	99
37) Ethyl Acetate	4.715	43	76956	44.561	ug/l	99
38) Carbon Tetrachloride	5.684	117	90911	49.404	ug/l	98
39) Methylcyclohexane	7.379	83	81885	41.715	ug/l	98
40) Benzene	6.037	78	233033	49.635	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	44217	50.261	ug/l	99
42) 1,2-Dichloroethane	6.086	62	99576	51.884	ug/l	99
43) Isopropyl Acetate	6.342	43	131926	49.753	ug/l	99
44) Trichloroethene	7.129	130	65687	49.700	ug/l	99
45) 1,2-Dichloropropane	7.434	63	62347	51.732	ug/l	98
46) Dibromomethane	7.580	93	47628	51.530	ug/l	99
47) Bromodichloromethane	7.824	83	97647	55.742	ug/l	96
48) Methyl methacrylate	7.690	41	67053	48.963	ug/l	99
49) 1,4-Dioxane	7.708	88	23960	918.067	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	400766	239.954	ug/l	99
52) Toluene	8.720	92	154398	50.405	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	95686	53.535	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	101072	52.870	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	69435	53.825	ug/l	98
56) Ethyl methacrylate	9.116	69	99193	53.432	ug/l	98
57) 1,3-Dichloropropane	9.311	76	108535	52.099	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	238366	266.662	ug/l	99
59) 2-Hexanone	9.433	43	294009	237.239	ug/l	98
60) Dibromochloromethane	9.519	129	79065	56.113	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71660	52.426	ug/l	100
64) Tetrachloroethene	9.275	164	55947	49.865	ug/l	97
65) Chlorobenzene	10.079	112	175147	51.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70600	54.631	ug/l	99
67) Ethyl Benzene	10.195	91	310282	50.532	ug/l	100
68) m/p-Xylenes	10.299	106	241288	101.198	ug/l	100
69) o-Xylene	10.640	106	119063	51.360	ug/l	98
70) Styrene	10.659	104	205828	53.424	ug/l	99
71) Bromoform	10.799	173	56329	55.129	ug/l #	98
73) Isopropylbenzene	10.963	105	320658	49.269	ug/l	99
74) N-amyl acetate	10.842	43	120902	49.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	103253	49.426	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90873m	49.732	ug/l	
77) Bromobenzene	11.201	156	81697	51.202	ug/l	99
78) n-propylbenzene	11.305	91	364597	48.623	ug/l	100
79) 2-Chlorotoluene	11.366	91	226292	50.392	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	275754	49.575	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26668	46.441	ug/l	99
82) 4-Chlorotoluene	11.457	91	258580	49.210	ug/l	99
83) tert-Butylbenzene	11.713	119	279987	50.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	275772	49.847	ug/l	100
85) sec-Butylbenzene	11.890	105	322551	48.271	ug/l	100
86) p-Isopropyltoluene	12.012	119	278222	49.069	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	152171	50.559	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	152913	48.972	ug/l	100
89) n-Butylbenzene	12.335	91	230161	46.660	ug/l	100
90) Hexachloroethane	12.536	117	46209	49.894	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	152598	51.419	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21817	47.631	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	93271	48.200	ug/l	98
94) Hexachlorobutadiene	13.725	225	37207	46.039	ug/l	99
95) Naphthalene	13.774	128	308767	47.887	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	94440	48.011	ug/l	99

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

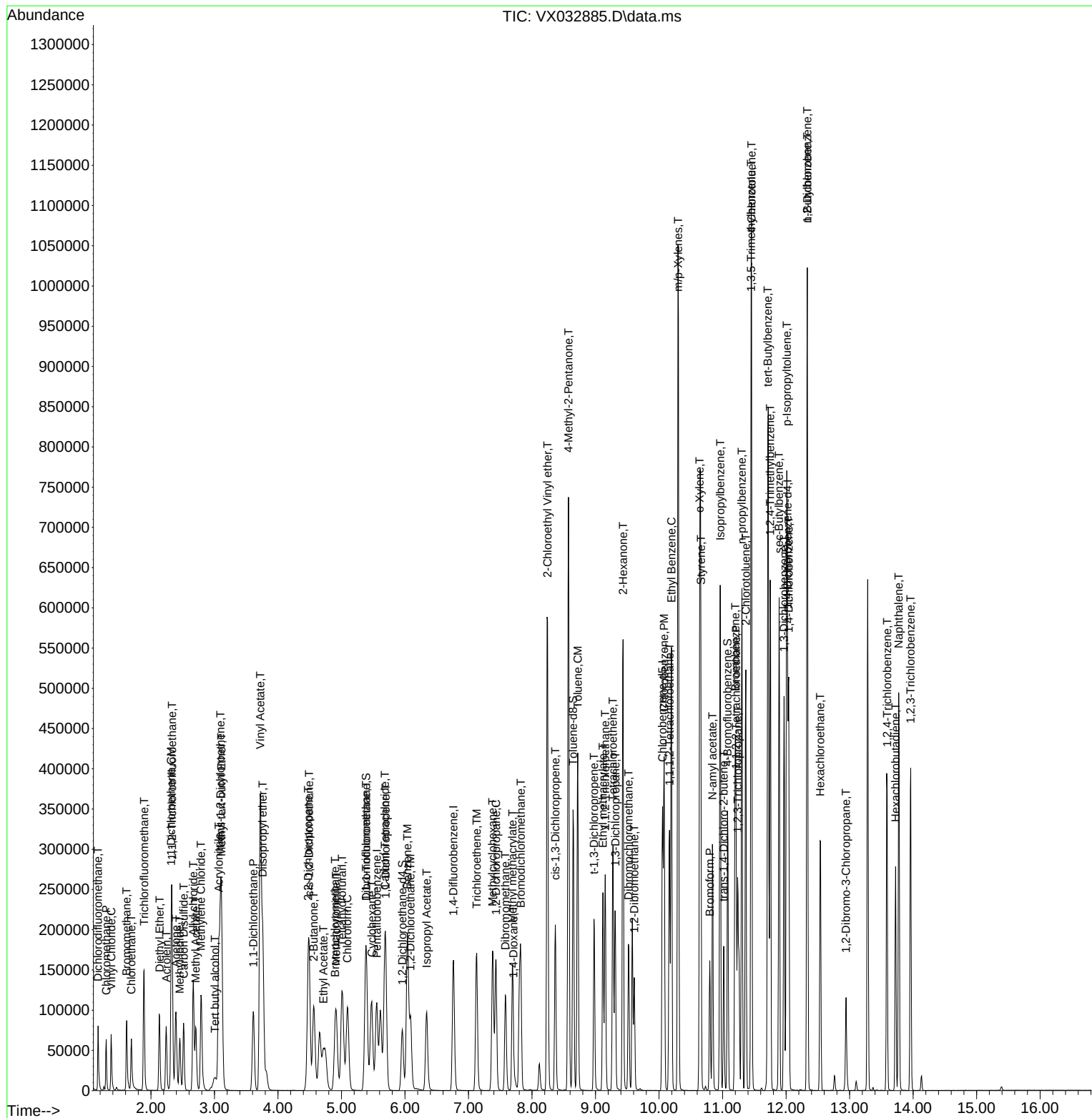
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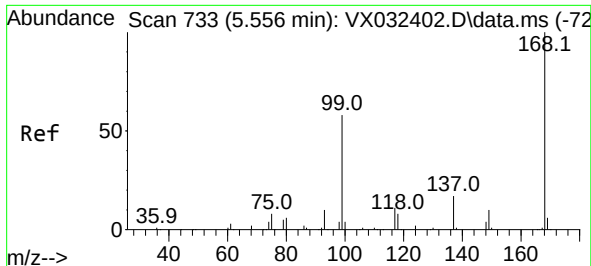
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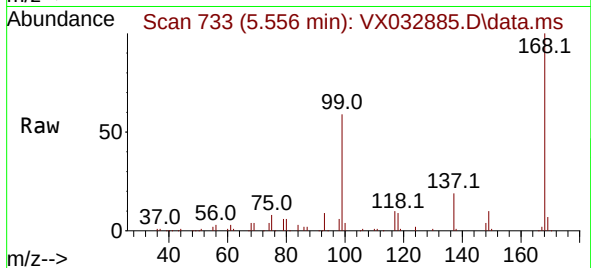
Reviewed By : John Carlone 11/17/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032885.D
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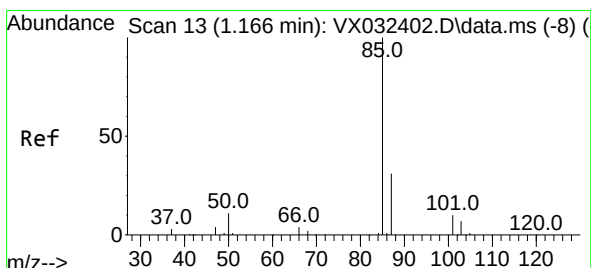
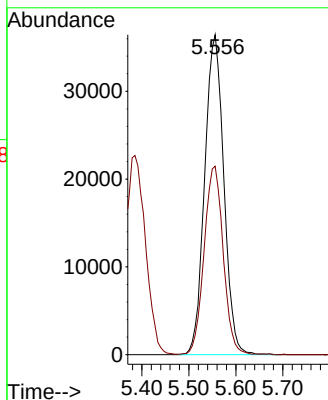
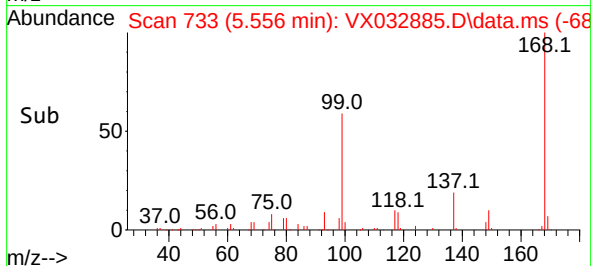
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



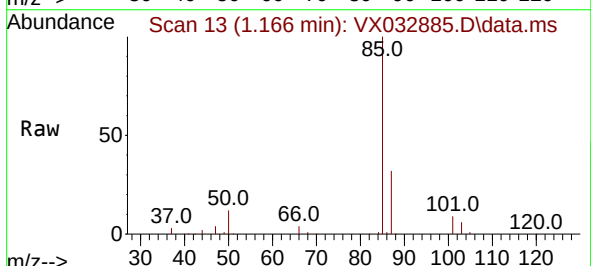
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Ion Ratio Lower Upper
168 100
99 58.9 46.1 69.1

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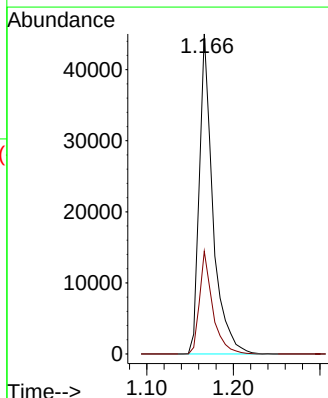
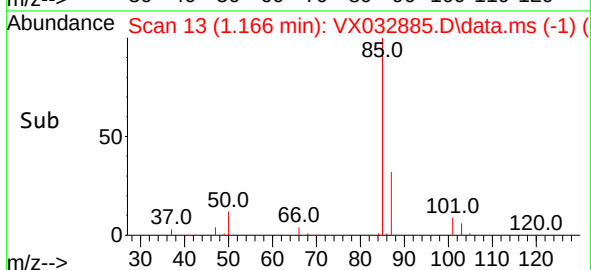
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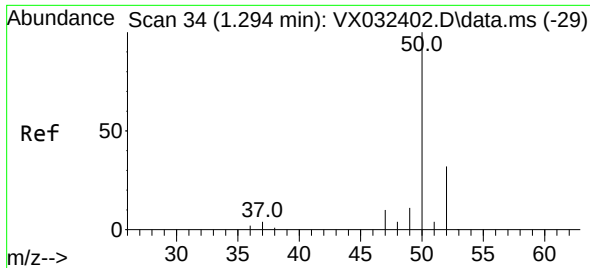


#2
Dichlorodifluoromethane
Concen: 41.132 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



Tgt Ion: 85 Resp: 48838
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.7





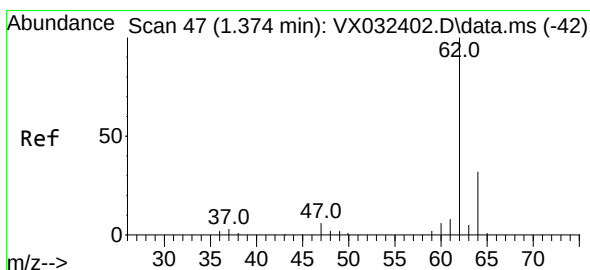
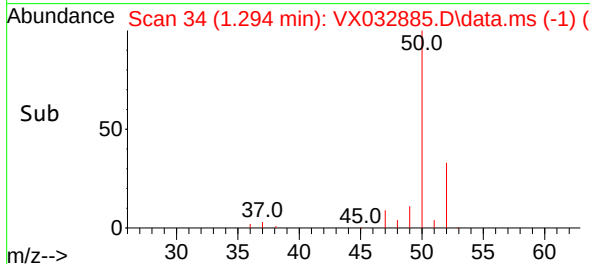
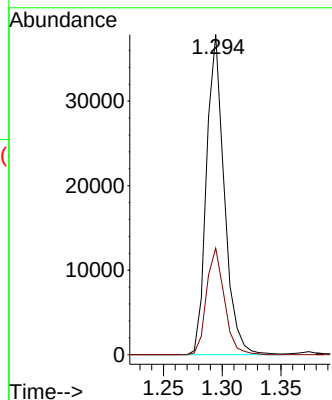
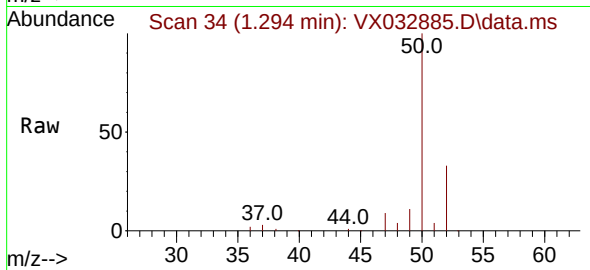
#3
Chloromethane
Concen: 39.626 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
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Tgt Ion: 50 Resp: 39790
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

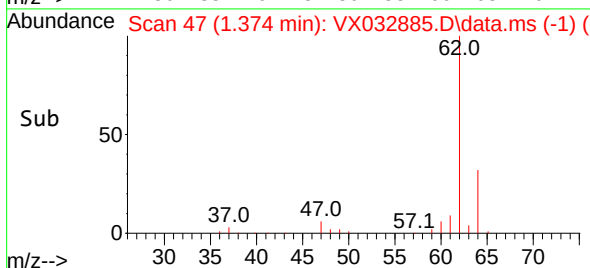
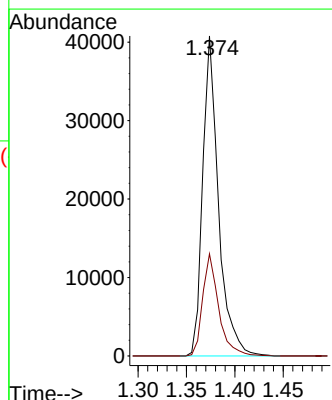
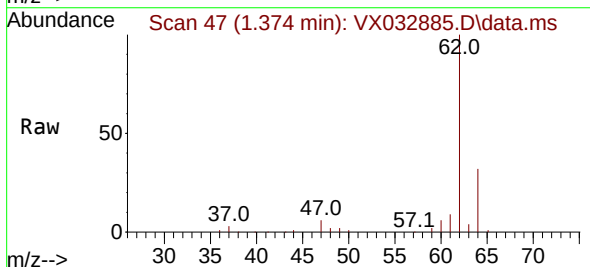
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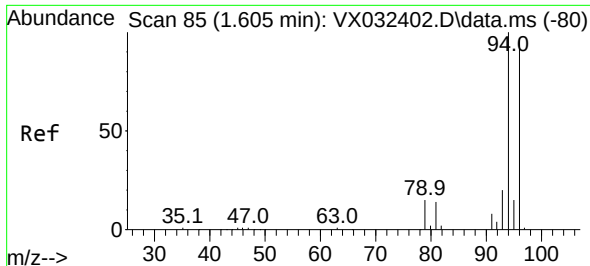
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#4
Vinyl Chloride
Concen: 42.046 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

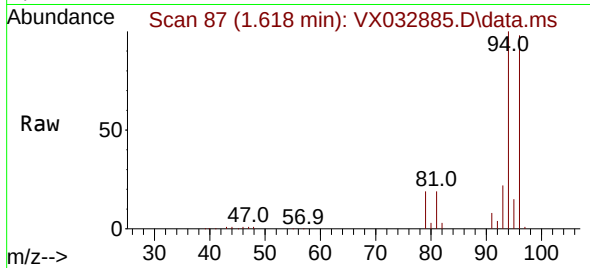
Tgt Ion: 62 Resp: 46465
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 41.910 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

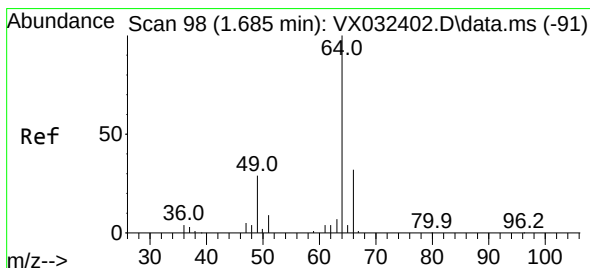
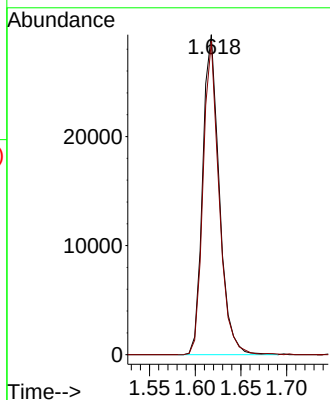
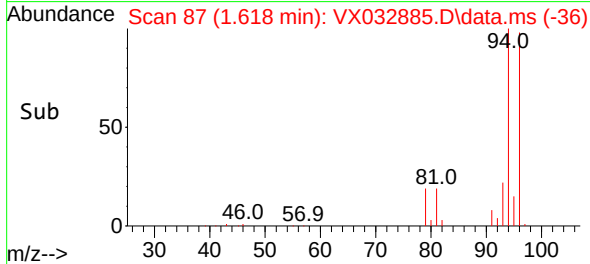
Instrument :
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Tgt Ion: 94 Resp: 37012
Ion Ratio Lower Upper
94 100
96 97.9 77.6 116.4

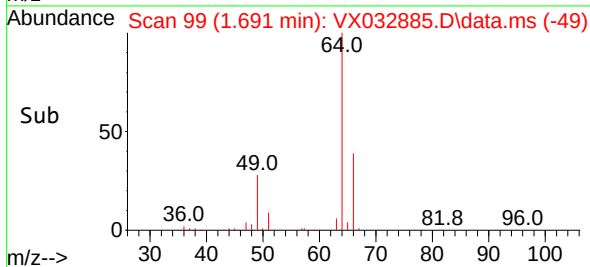
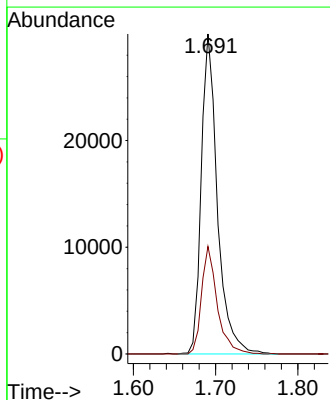
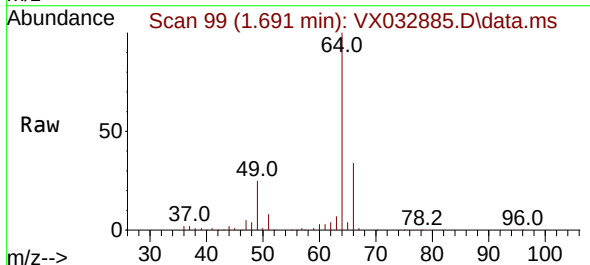
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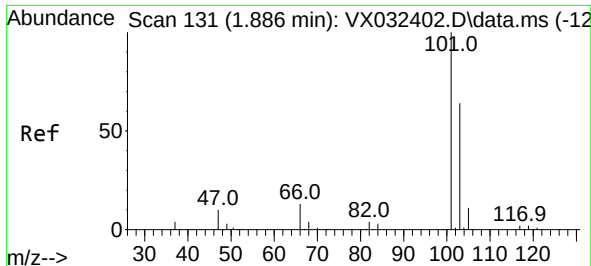
Reviewed By :John Carlone 11/17/2022
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#6
Chloroethane
Concen: 55.036 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 64 Resp: 40802
Ion Ratio Lower Upper
64 100
66 33.6 26.0 39.0





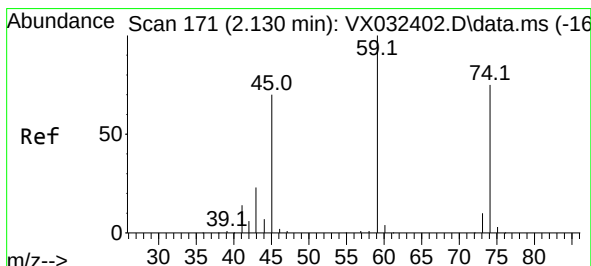
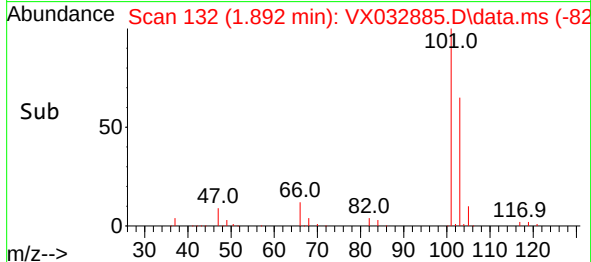
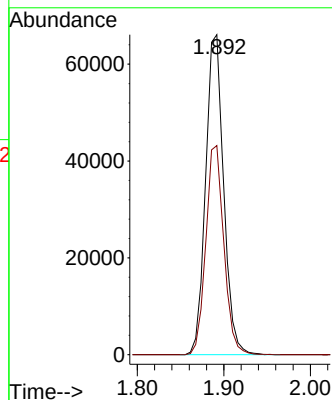
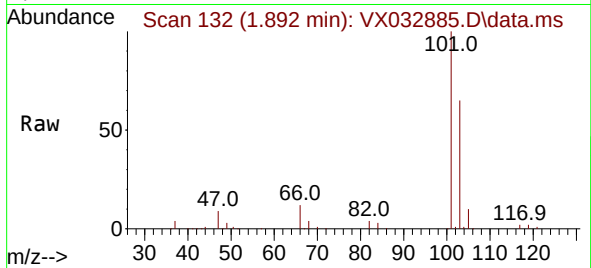
#7
Trichlorofluoromethane
Concen: 45.656 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 9560
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

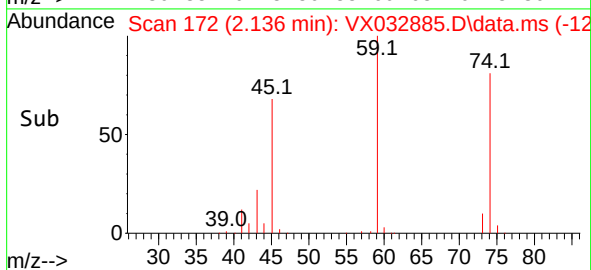
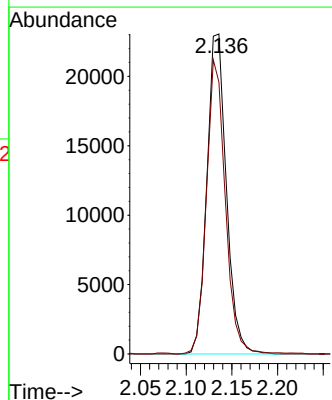
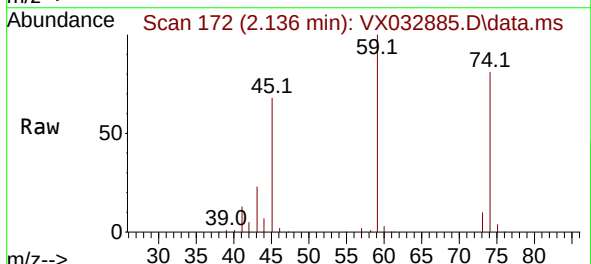
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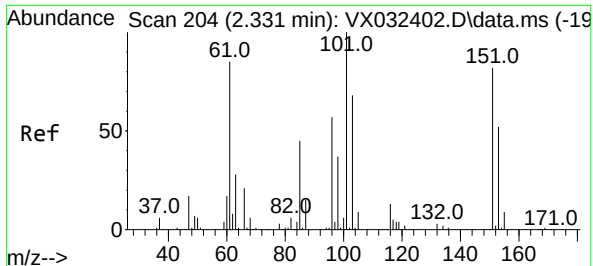
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#8
Diethyl Ether
Concen: 50.241 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 74 Resp: 34092
Ion Ratio Lower Upper
74 100
45 89.2 46.6 139.7





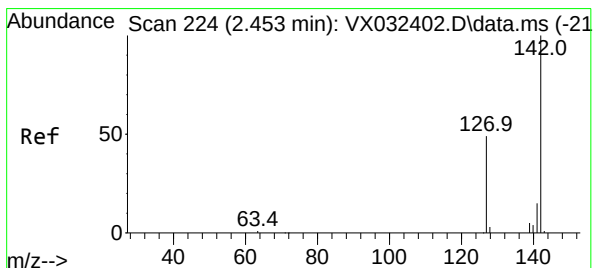
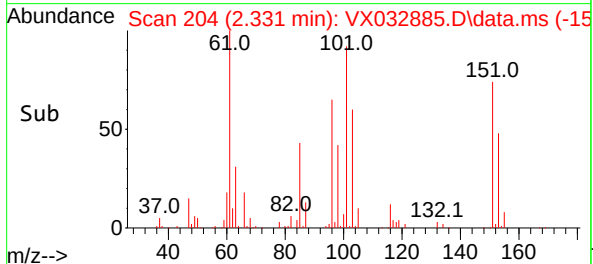
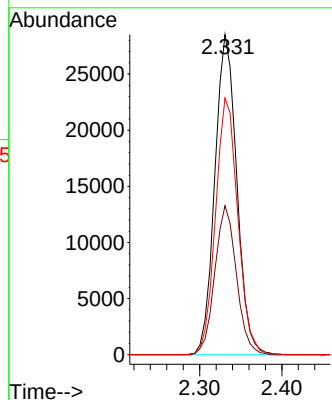
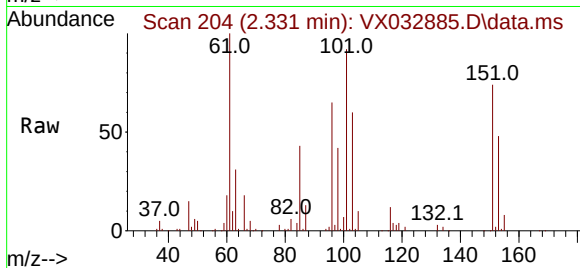
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.805 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 5283
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 81.5 64.4 96.6

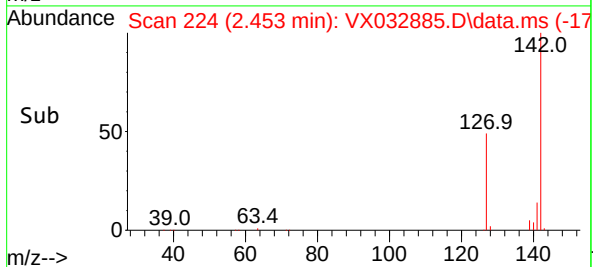
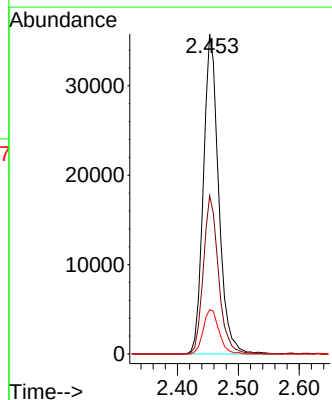
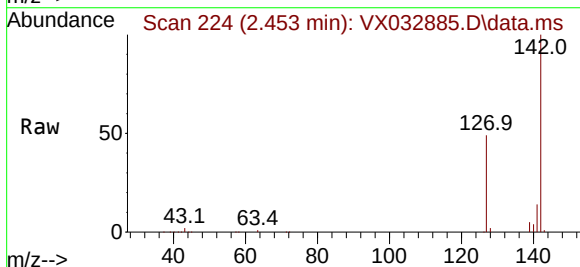
Manual Integrations
APPROVED

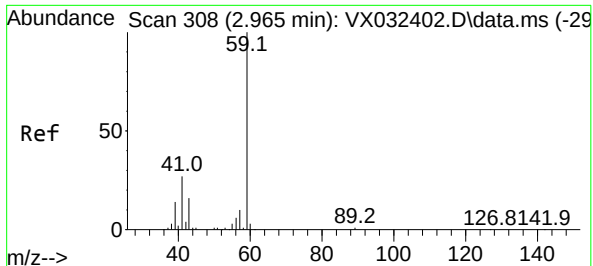
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#10
Methyl Iodide
Concen: 50.692 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:142 Resp: 62348
Ion Ratio Lower Upper
142 100
127 49.1 38.6 57.8
141 14.2 11.4 17.2





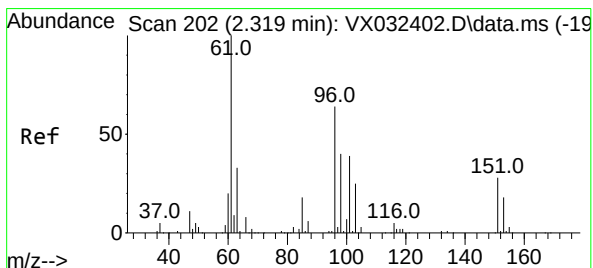
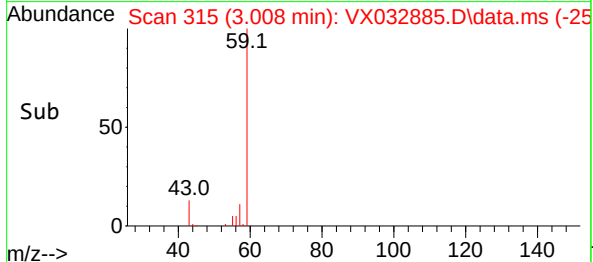
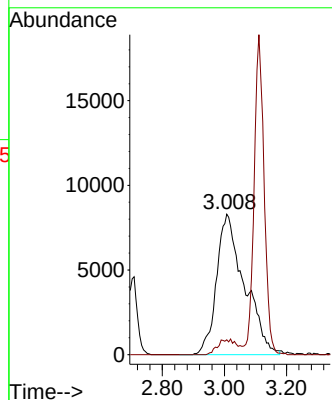
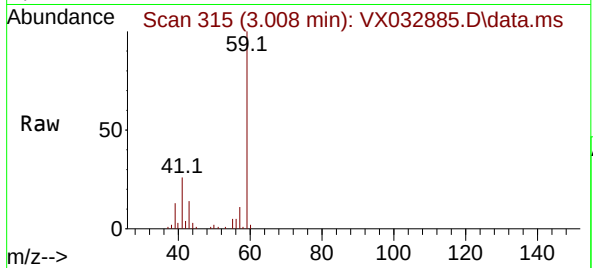
#11
Tert butyl alcohol
Concen: 248.217 ug/l m
RT: 3.008 min Scan# 315
Delta R.T. 0.043 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 51678
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.4

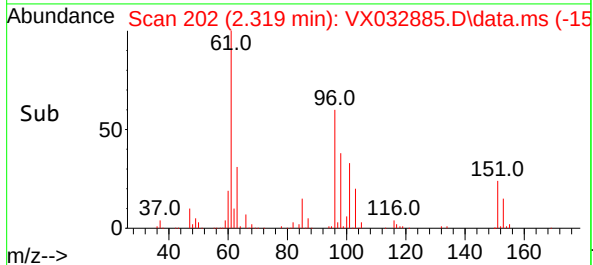
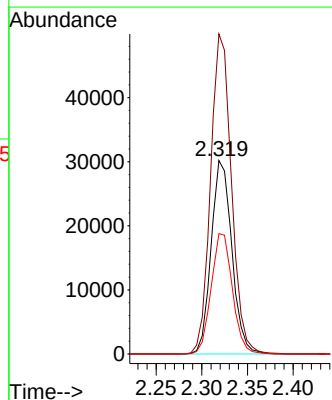
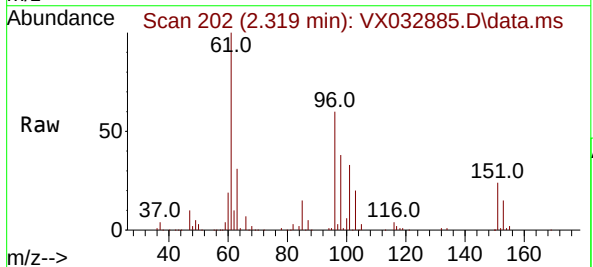
Manual Integrations
APPROVED

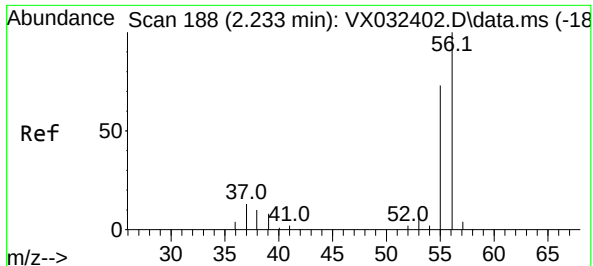
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#12
1,1-Dichloroethene
Concen: 46.091 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 96 Resp: 47585
Ion Ratio Lower Upper
96 100
61 165.4 125.1 187.7
98 62.2 50.6 76.0





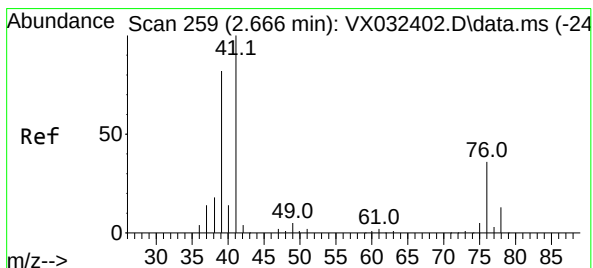
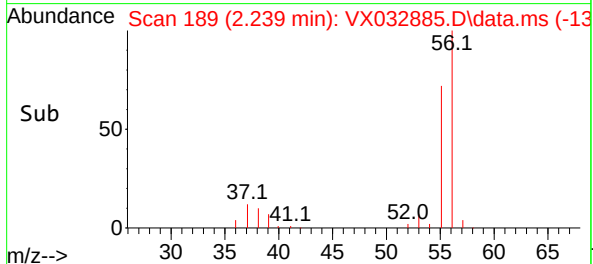
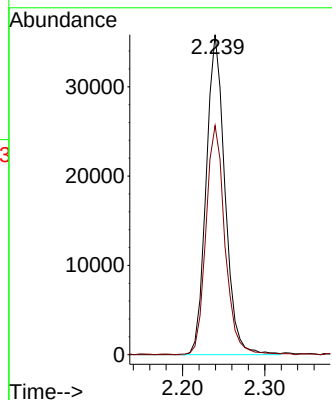
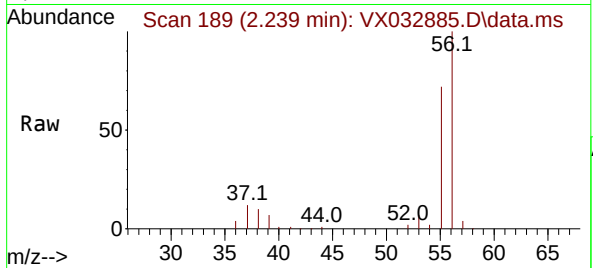
#13
Acrolein
Concen: 273.220 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 5678
Ion Ratio Lower Upper
56 100
55 72.6 56.9 85.3

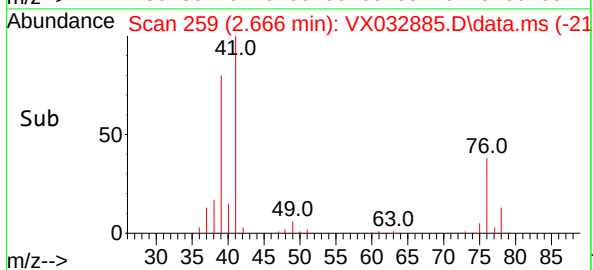
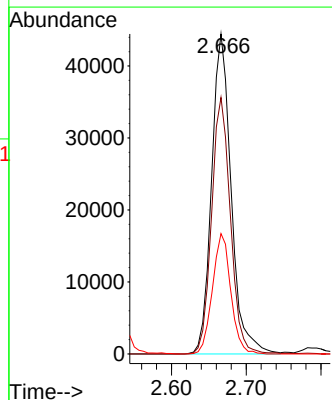
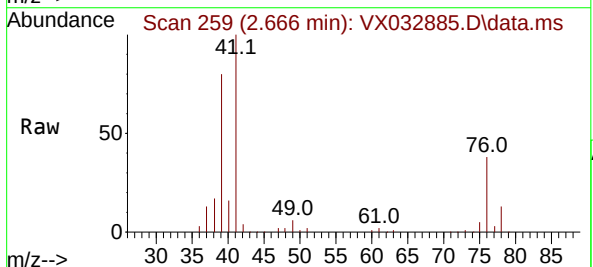
Manual Integrations
APPROVED

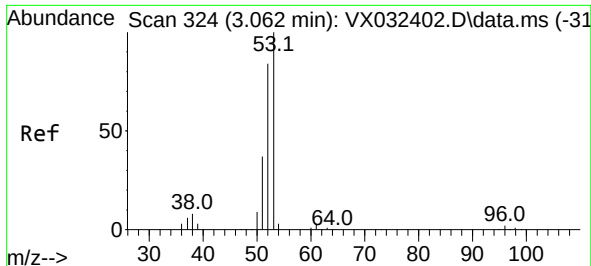
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#14
Allyl chloride
Concen: 49.304 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

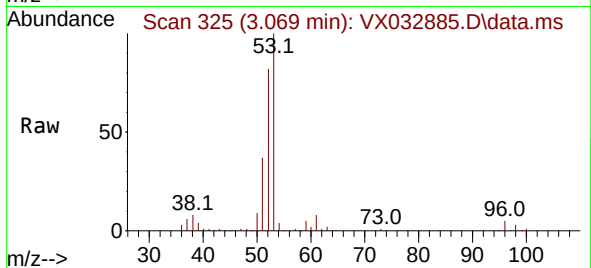
Tgt Ion: 41 Resp: 81143
Ion Ratio Lower Upper
41 100
39 77.2 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 240.219 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

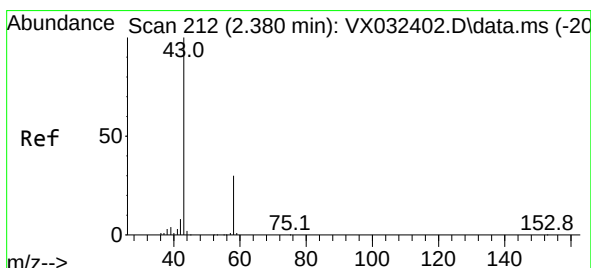
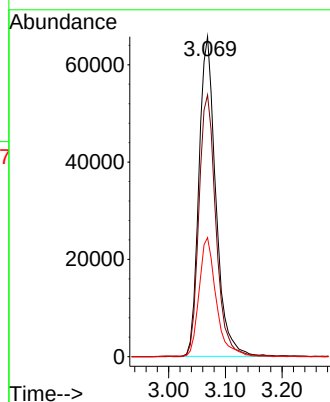
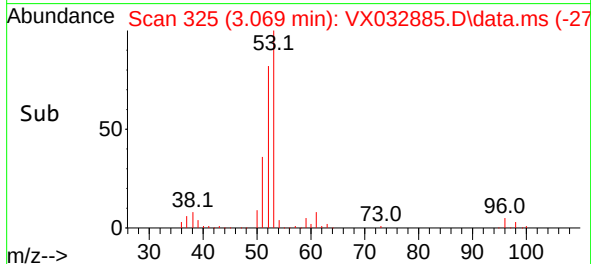
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 13573
Ion Ratio Lower Upper
53 100
52 82.7 67.4 101.0
51 38.2 30.3 45.5

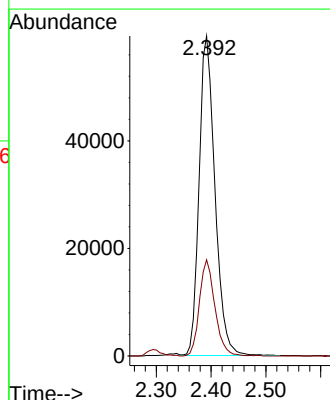
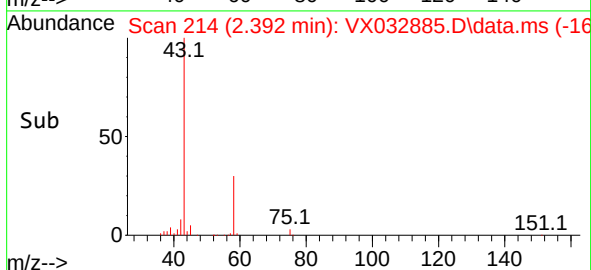
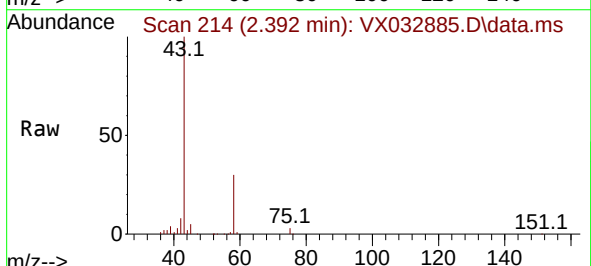
Manual Integrations
APPROVED

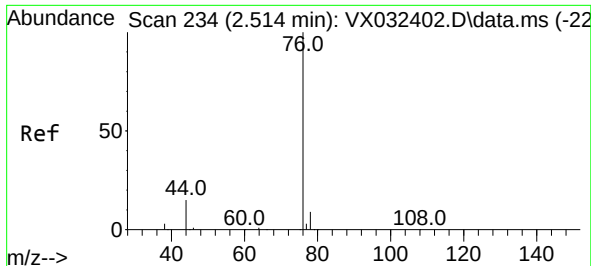
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#16
Acetone
Concen: 229.711 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 43 Resp: 119425
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





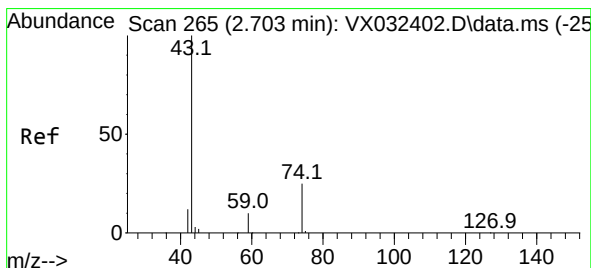
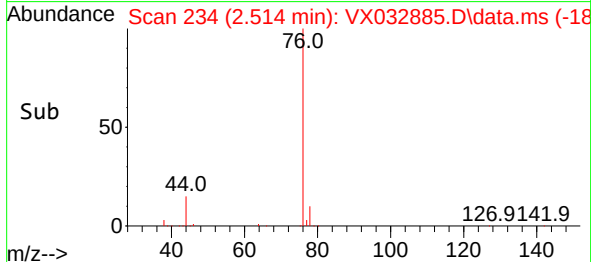
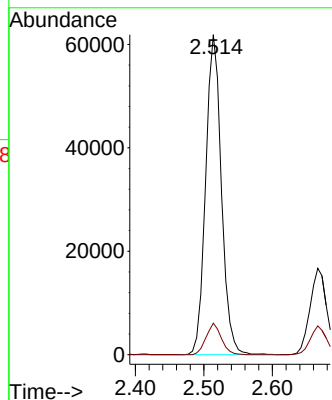
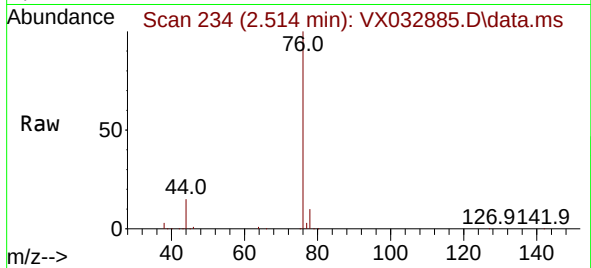
#17
Carbon Disulfide
Concen: 40.187 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9882
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

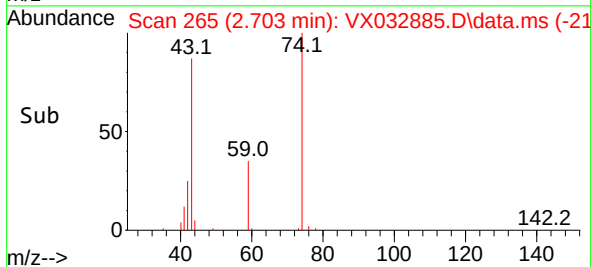
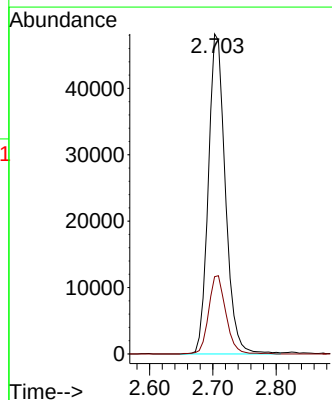
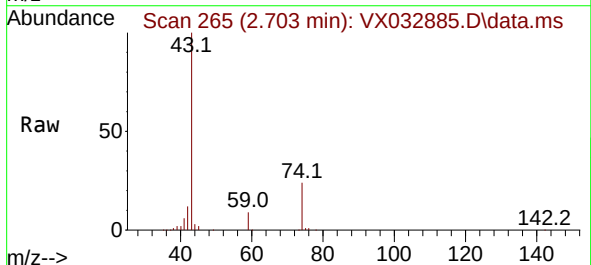
Manual Integrations
APPROVED

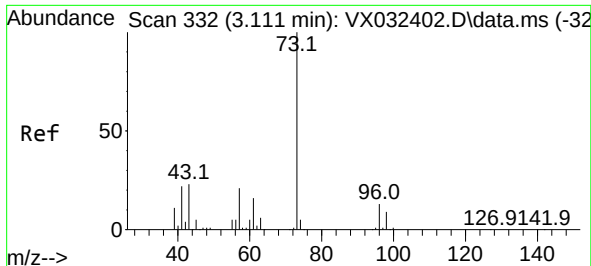
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#18
Methyl Acetate
Concen: 53.406 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 43 Resp: 90290
Ion Ratio Lower Upper
43 100
74 24.9 19.4 29.0





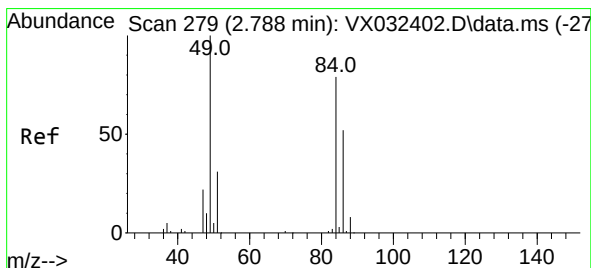
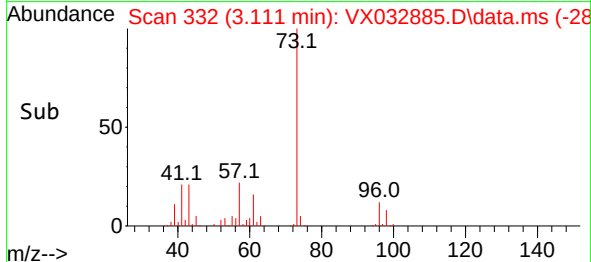
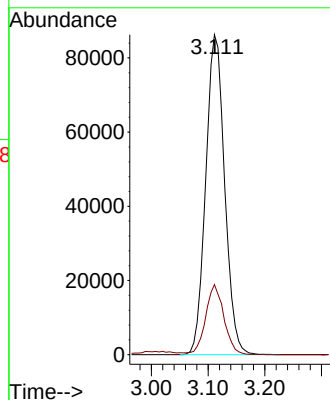
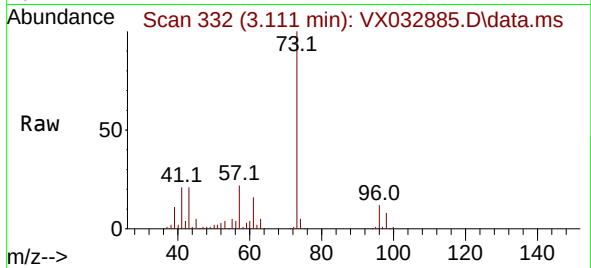
#19
Methyl tert-butyl Ether
Concen: 55.026 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 199670
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0

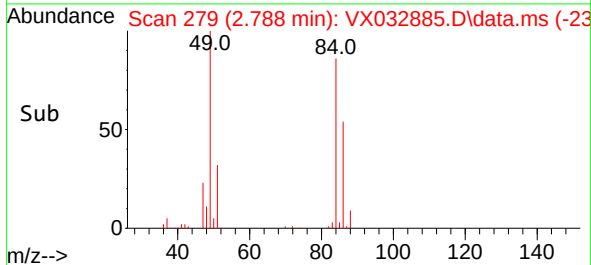
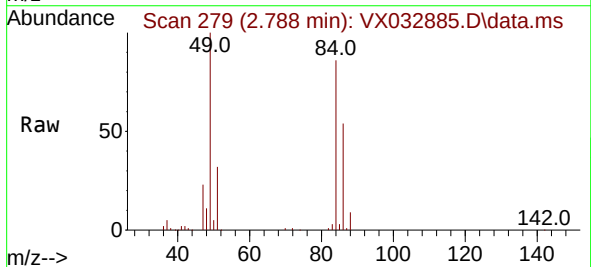
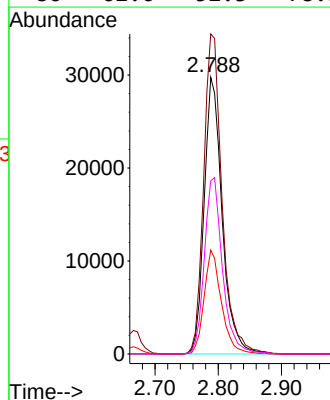
Manual Integrations
APPROVED

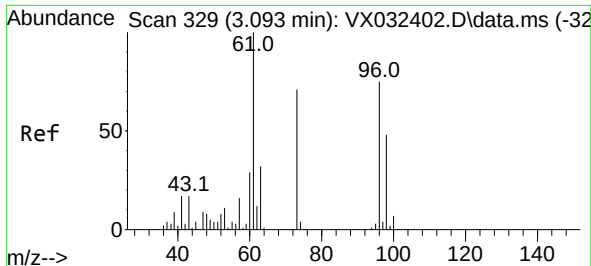
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#20
Methylene Chloride
Concen: 49.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

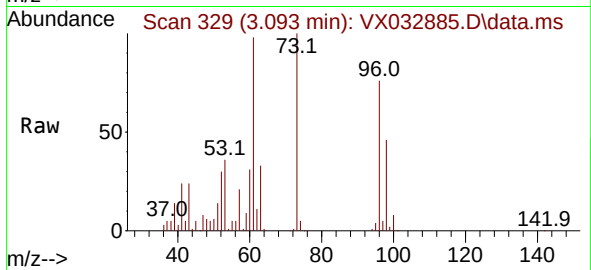
Tgt Ion: 84 Resp: 58974
Ion Ratio Lower Upper
84 100
49 115.7 101.0 151.6
51 37.5 31.1 46.7
86 62.6 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.296 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

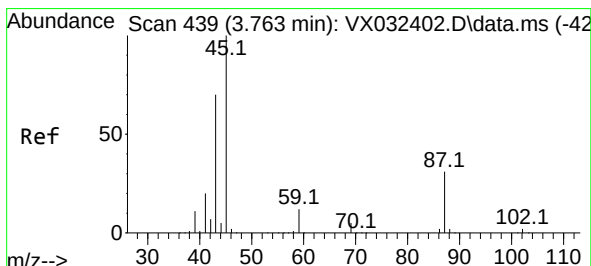
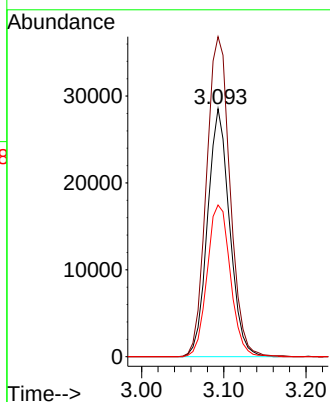
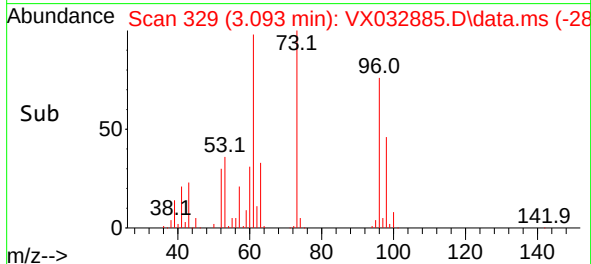
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5315
Ion Ratio Lower Upper
96 100
61 129.1 106.6 160.0
98 61.2 51.0 76.6

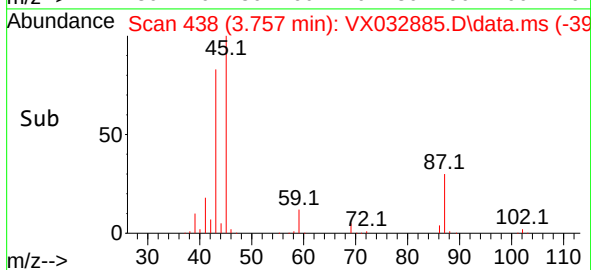
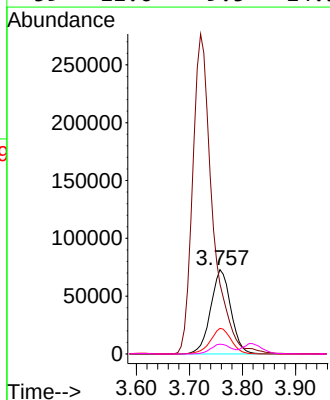
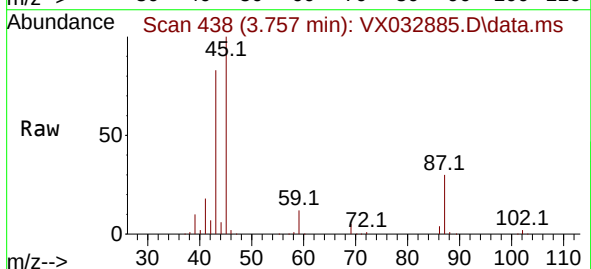
Manual Integrations
APPROVED

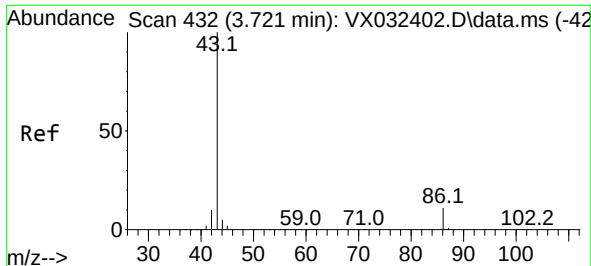
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#22
Diisopropyl ether
Concen: 54.127 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 45 Resp: 192681
Ion Ratio Lower Upper
45 100
43 82.0 56.4 84.6
87 30.4 24.4 36.6
59 11.6 9.5 14.3





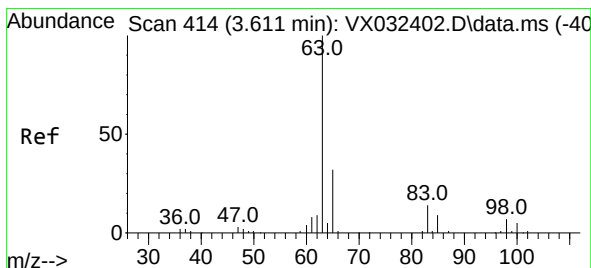
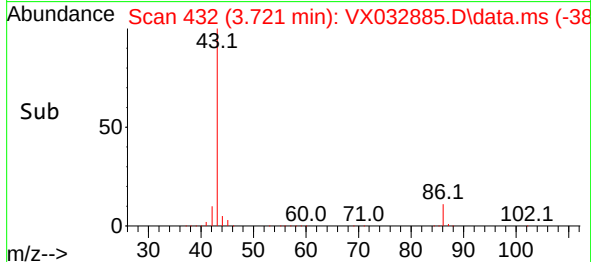
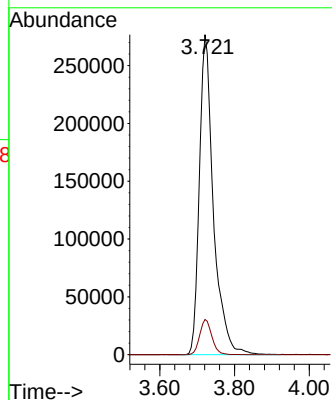
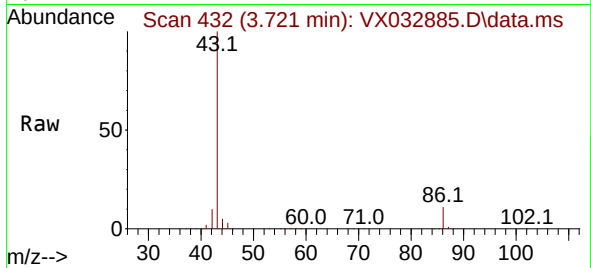
#23
 Vinyl Acetate
 Concen: 250.773 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 721225
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

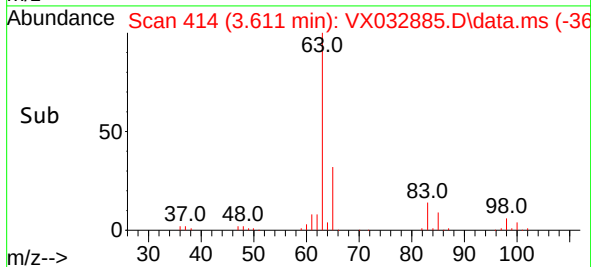
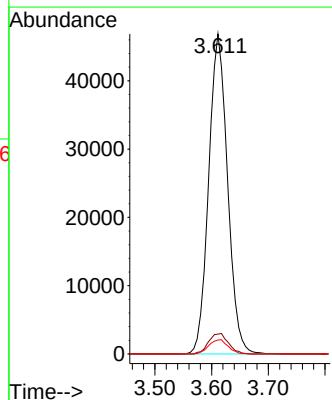
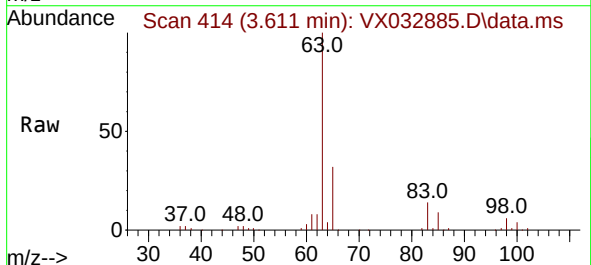
Manual Integrations
 APPROVED

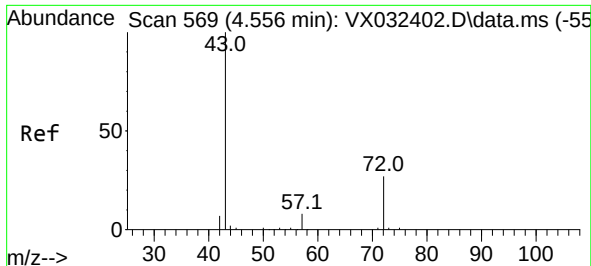
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022



#24
 1,1-Dichloroethane
 Concen: 52.914 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48

Tgt Ion: 63 Resp: 108346
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.3 2.3 6.8





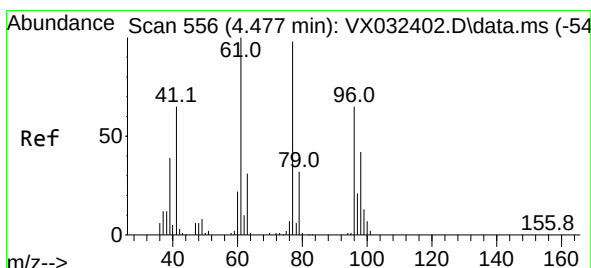
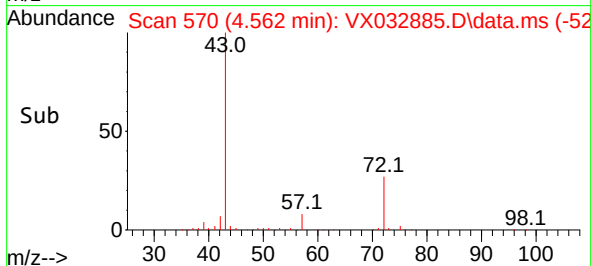
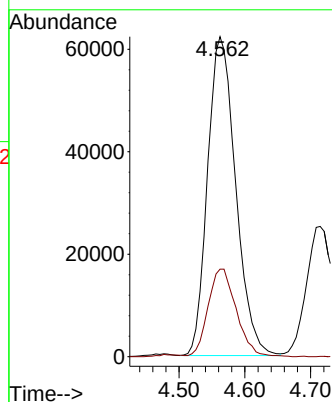
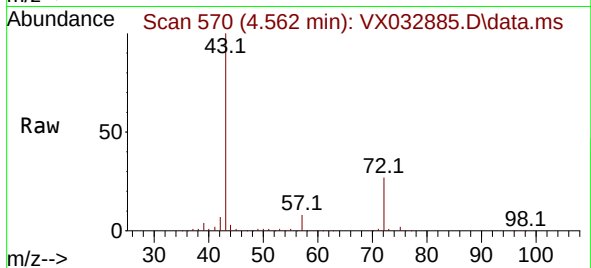
#25
2-Butanone
Concen: 229.726 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 18503
Ion Ratio Lower Upper
43 100
72 27.1 22.2 33.2

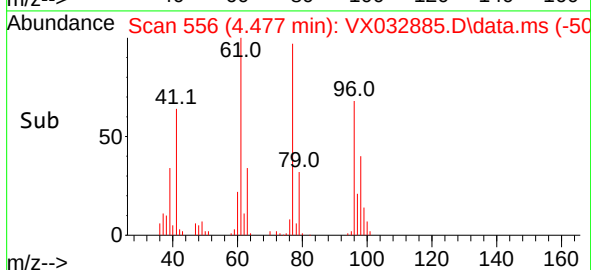
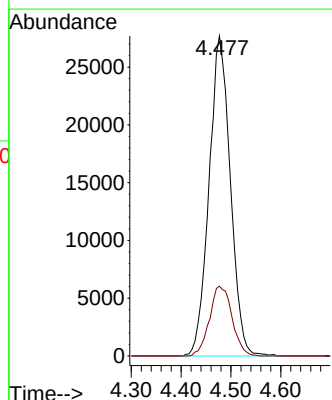
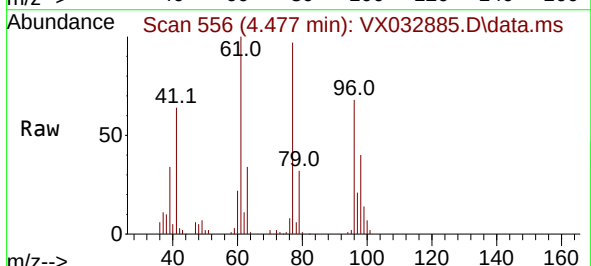
Manual Integrations
APPROVED

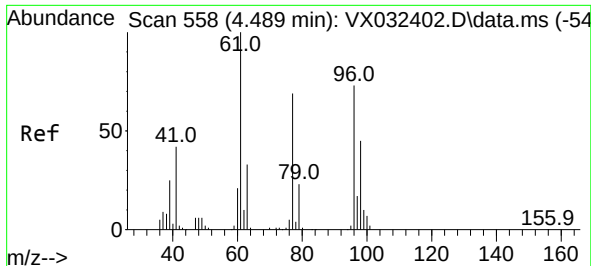
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#26
2,2-Dichloropropane
Concen: 50.473 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

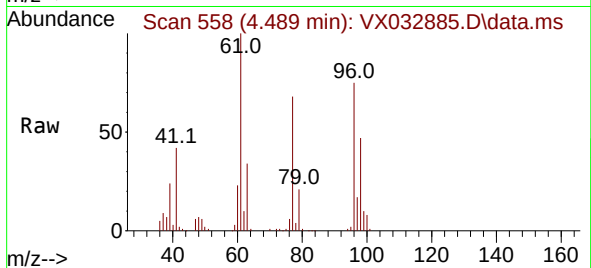
Tgt Ion: 77 Resp: 82152
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.373 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48

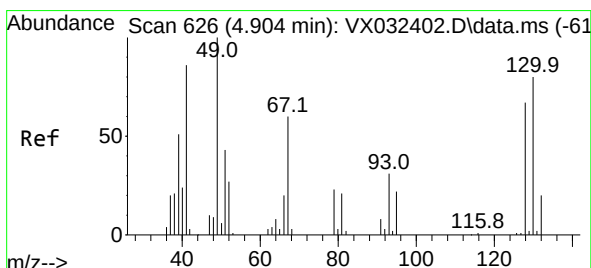
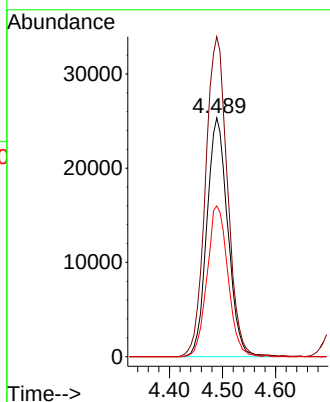
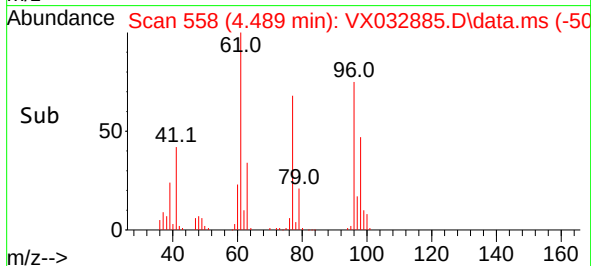
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



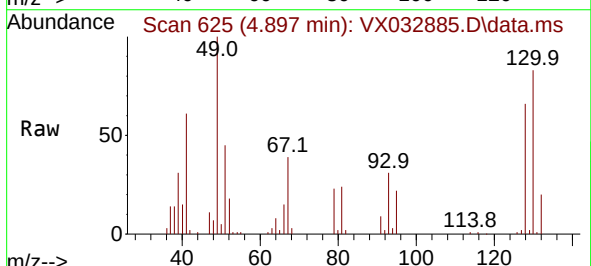
Tgt Ion: 96 Resp: 69330
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 286.0
 98 63.0 0.0 129.6

Manual Integrations
 APPROVED

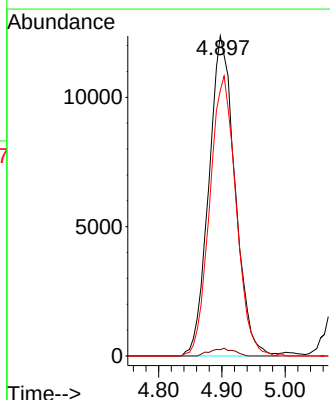
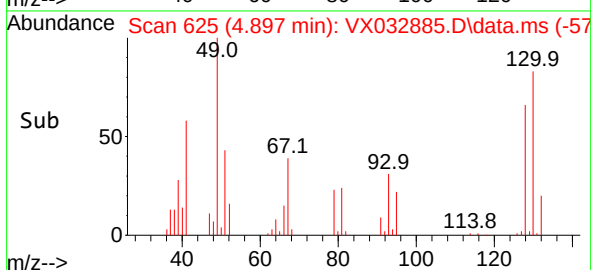
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

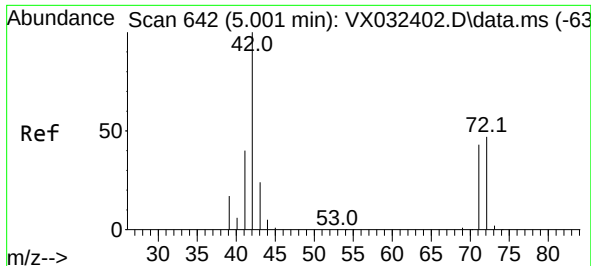


#28
 Bromochloromethane
 Concen: 48.799 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48



Tgt Ion: 49 Resp: 35591
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 87.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 231.885 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 119099

Ion Ratio Lower Upper

42 100

72 47.9 37.6 56.4

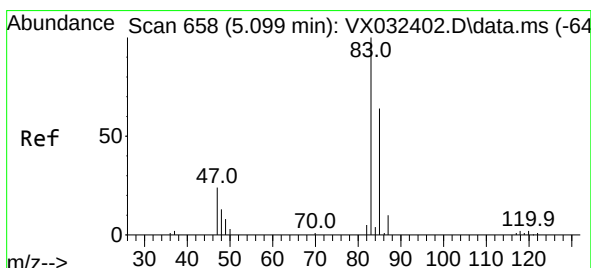
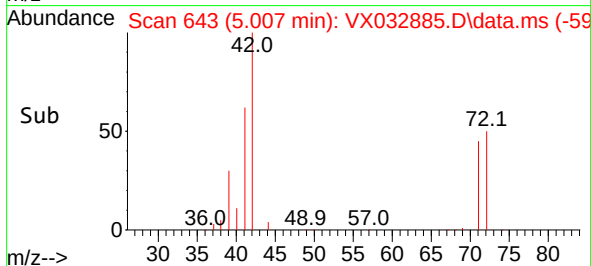
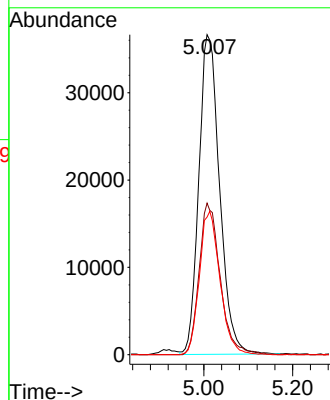
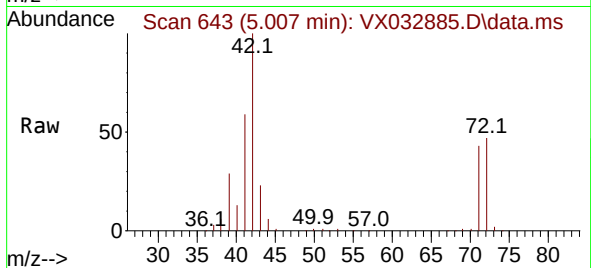
71 44.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#30

Chloroform

Concen: 55.118 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032885.D

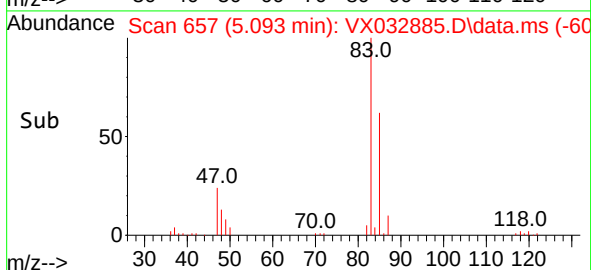
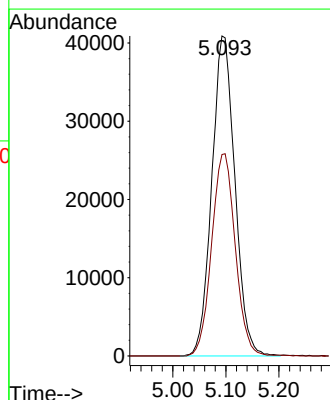
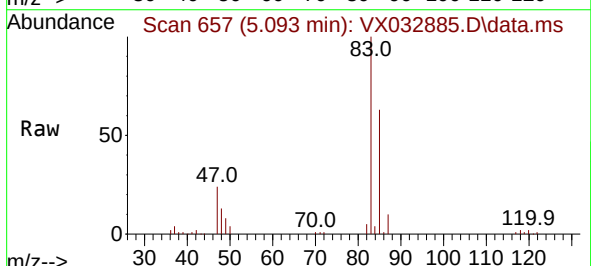
Acq: 16 Nov 2022 21:48

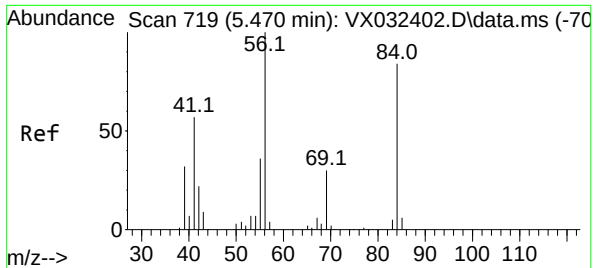
Tgt Ion: 83 Resp: 123837

Ion Ratio Lower Upper

83 100

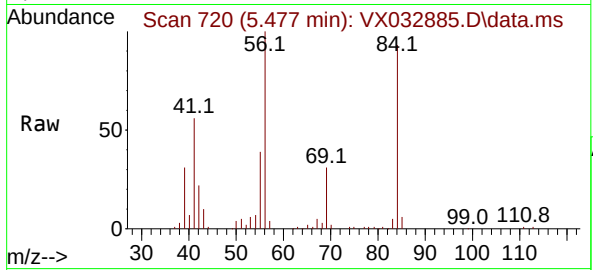
85 62.9 51.1 76.7





#31
Cyclohexane
Concen: 43.157 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

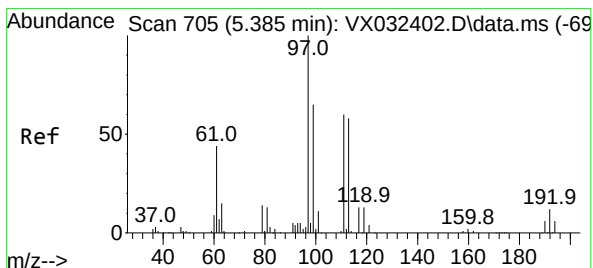
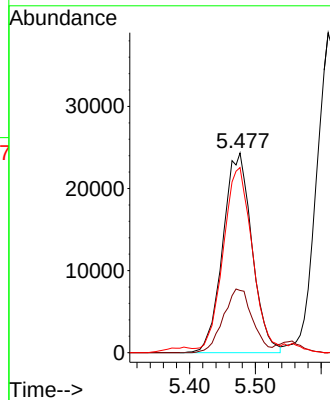
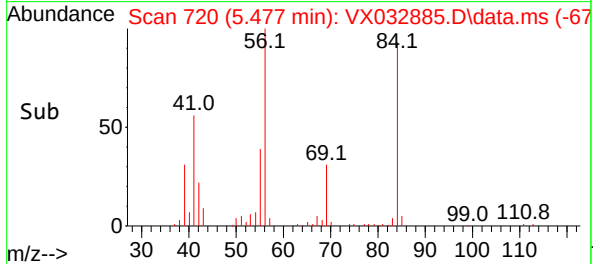
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 74850
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 90.5 66.9 100.3

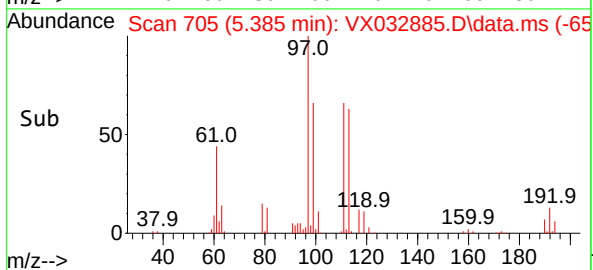
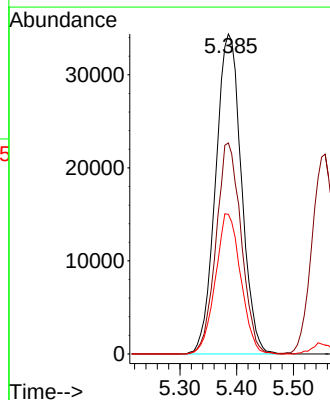
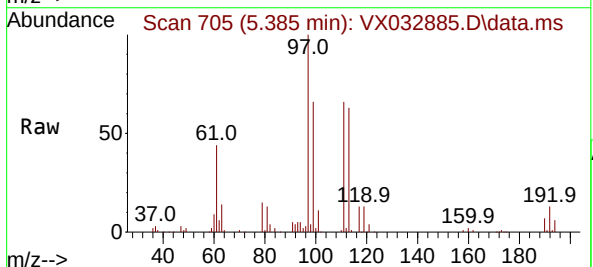
Manual Integrations
APPROVED

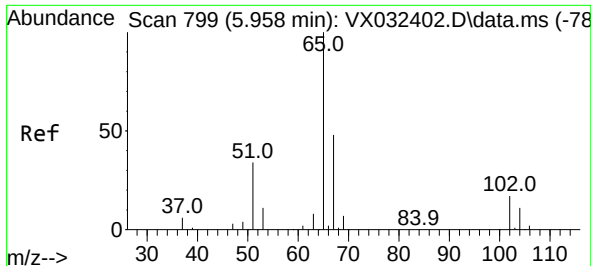
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#32
1,1,1-Trichloroethane
Concen: 53.823 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 97 Resp: 108518
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.837 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 75580

Ion Ratio Lower Upper

65 100

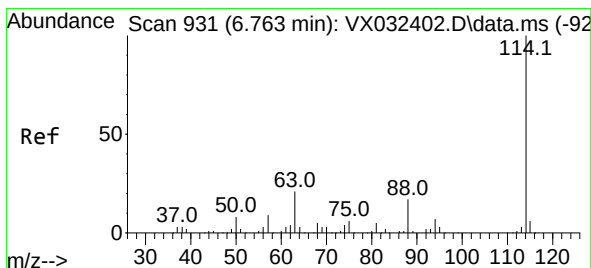
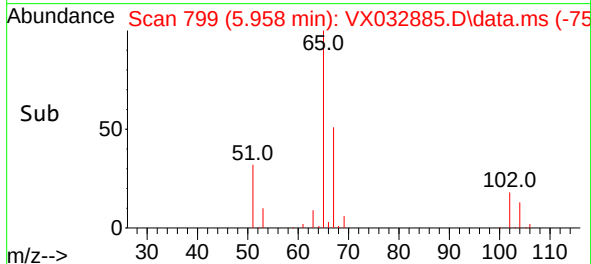
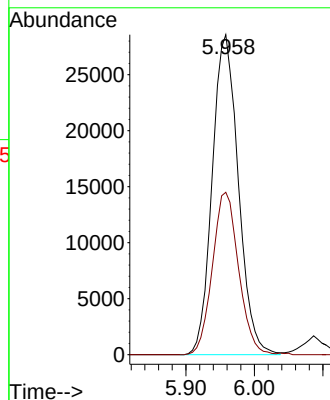
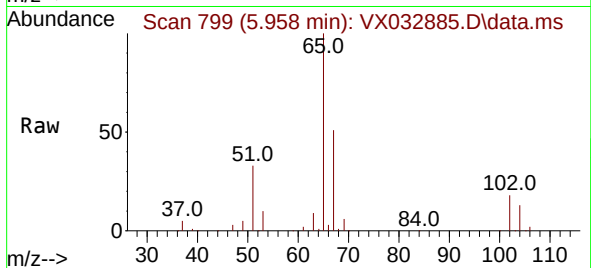
67 50.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

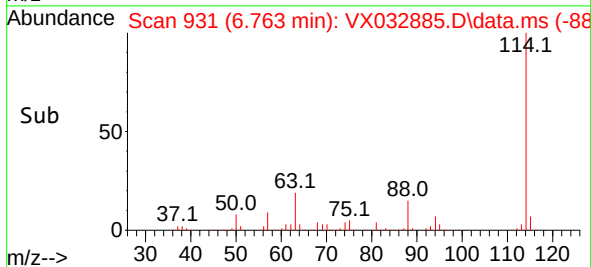
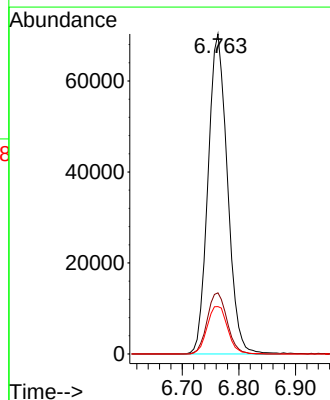
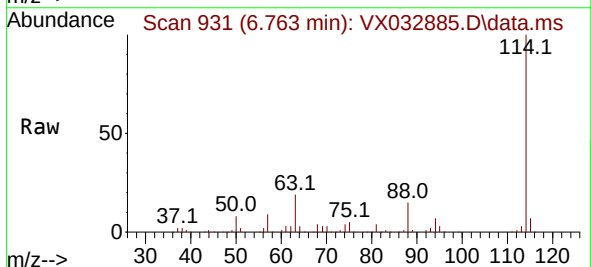
Tgt Ion:114 Resp: 167026

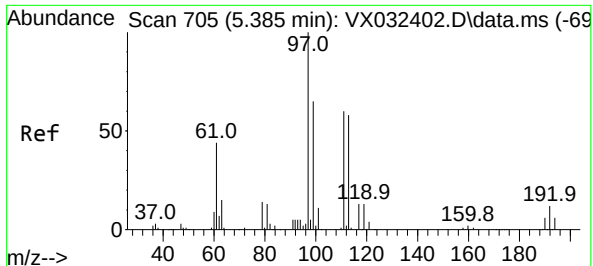
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 14.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.576 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 6383

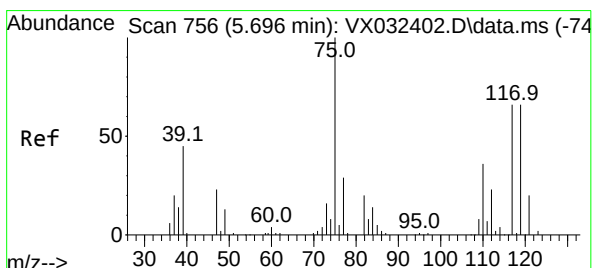
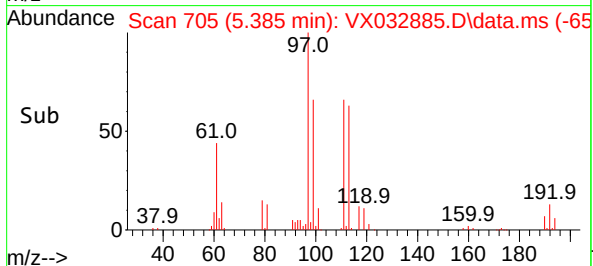
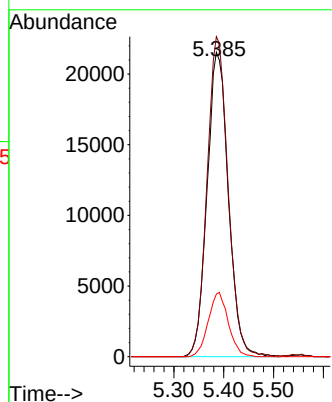
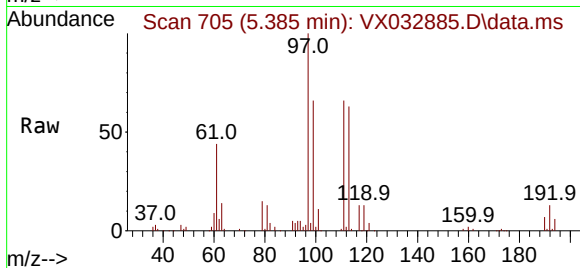
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	19.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#36

1,1-Dichloropropene

Concen: 47.452 ug/l

RT: 5.696 min Scan# 756

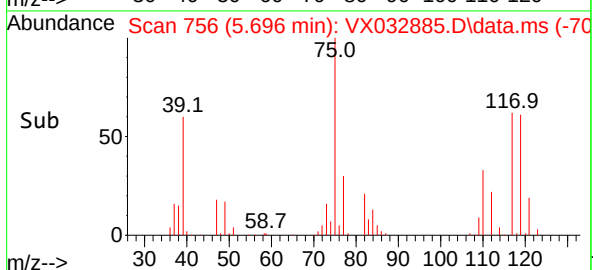
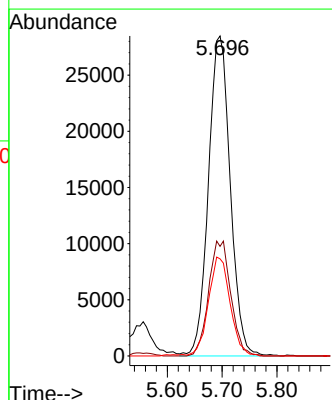
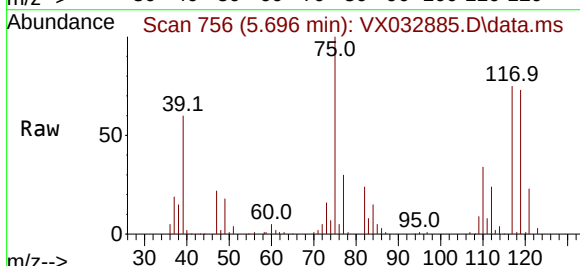
Delta R.T. 0.000 min

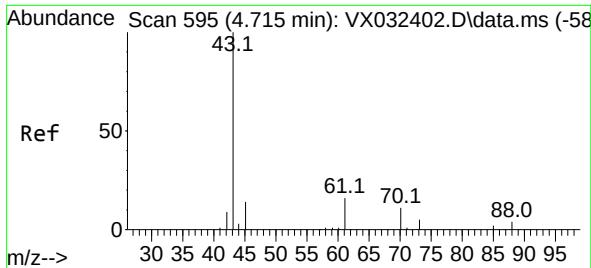
Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Tgt Ion: 75 Resp: 78728

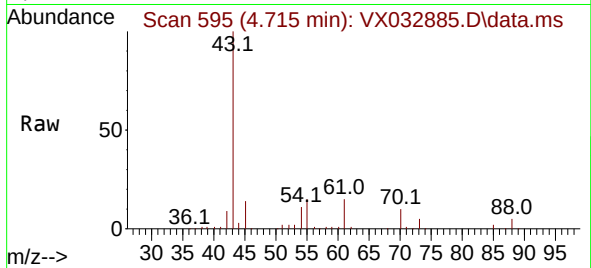
Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.4	55.2
77	31.0	24.5	36.7





#37
Ethyl Acetate
Concen: 44.561 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

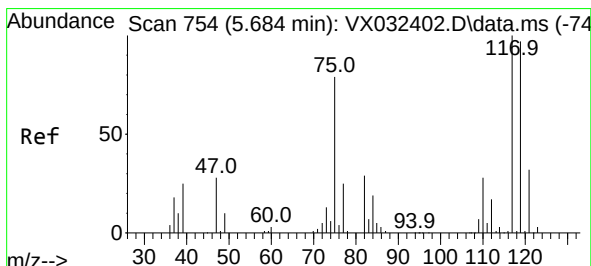
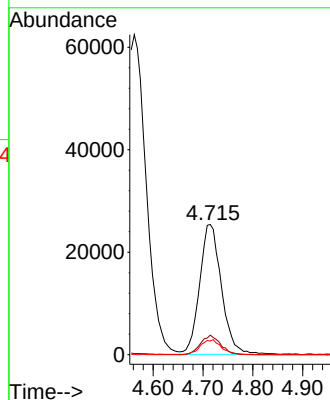
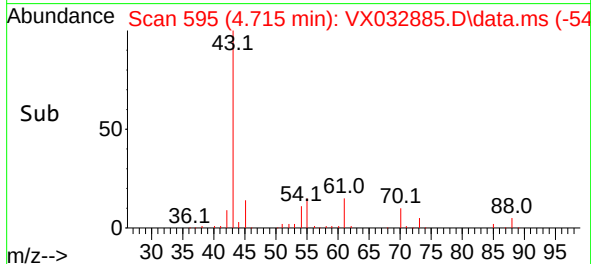
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 76950
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 10.9 9.1 13.7

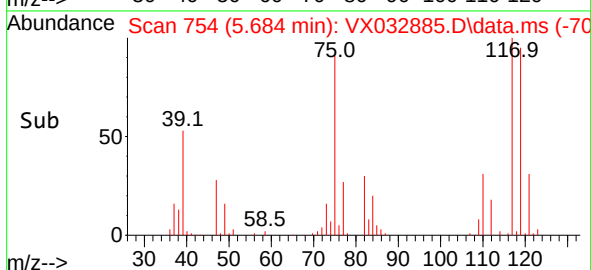
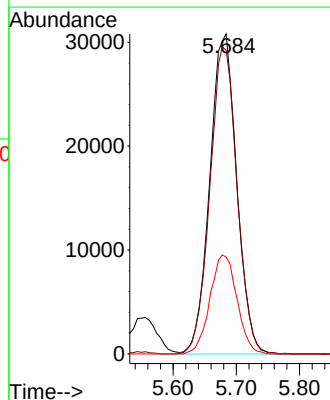
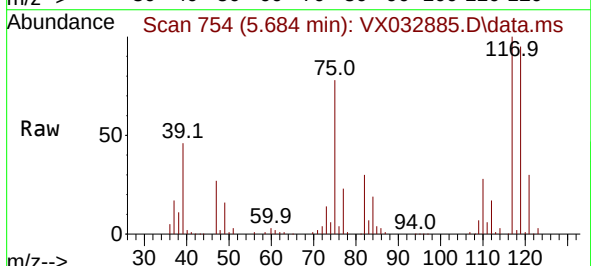
Manual Integrations
APPROVED

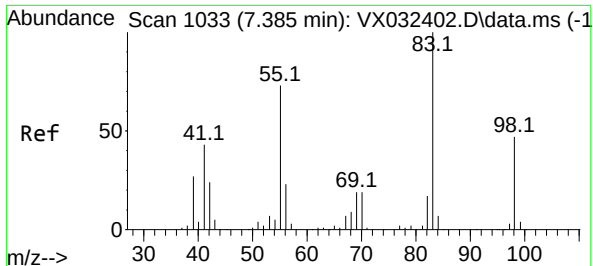
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#38
Carbon Tetrachloride
Concen: 49.404 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:117 Resp: 90911
Ion Ratio Lower Upper
117 100
119 95.0 77.2 115.8
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 41.715 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 8188

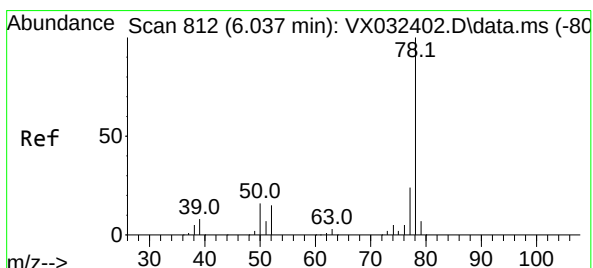
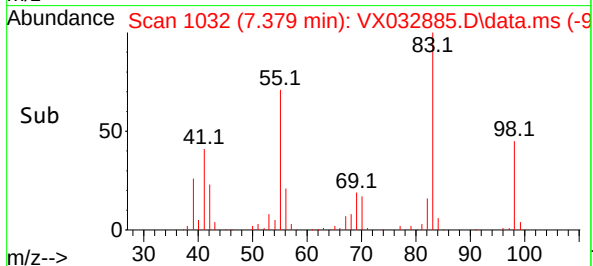
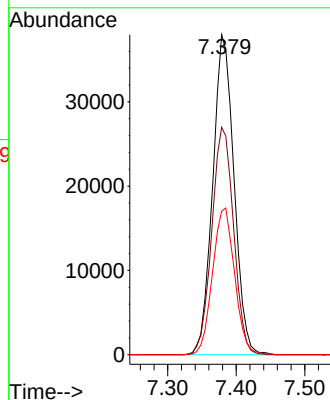
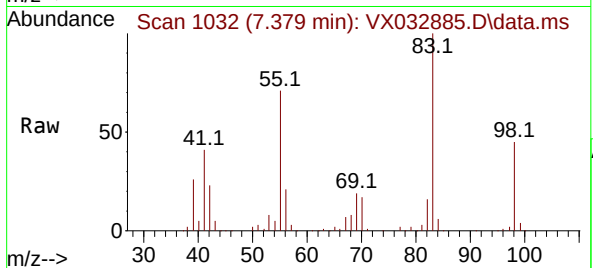
Ion	Ratio	Lower	Upper
83	100		
55	71.1	58.4	87.6
98	44.9	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#40

Benzene

Concen: 49.635 ug/l

RT: 6.037 min Scan# 812

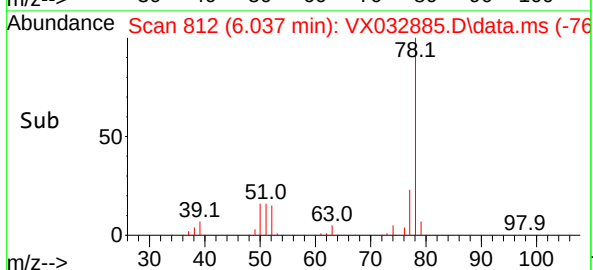
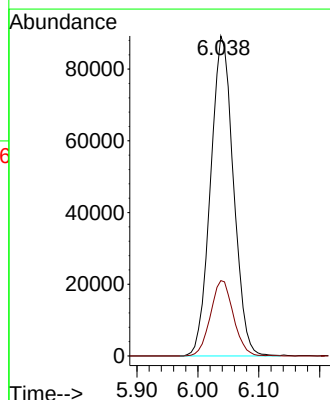
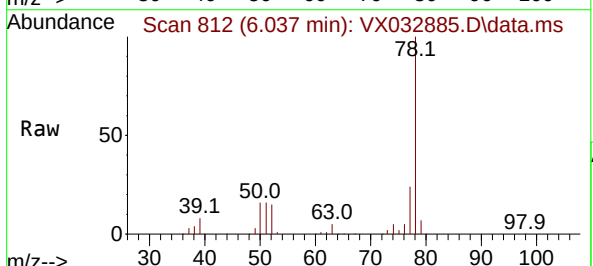
Delta R.T. 0.000 min

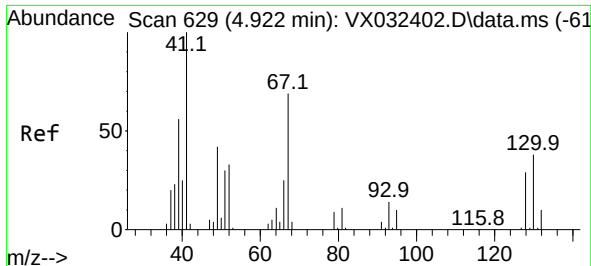
Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Tgt Ion: 78 Resp: 233033

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





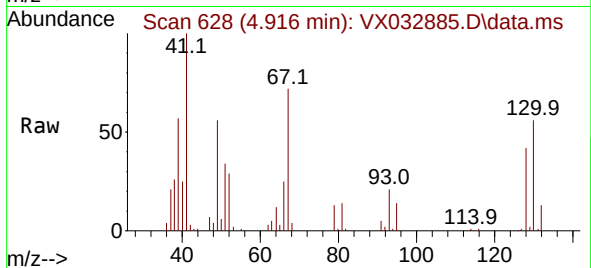
#41
Methacrylonitrile
Concen: 50.261 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



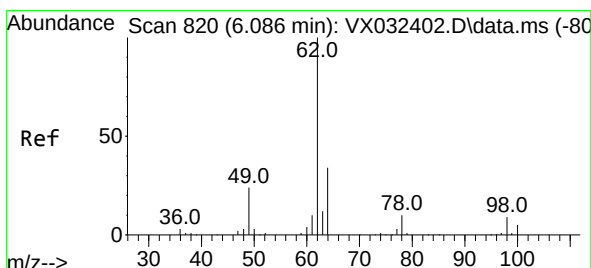
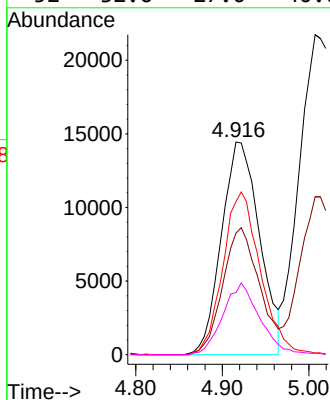
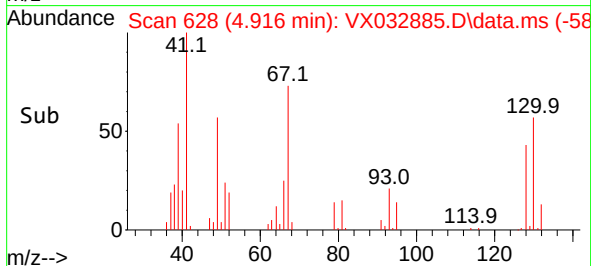
Tgt Ion: 41 Resp: 4421
Ion Ratio Lower Upper
41 100
39 57.2 47.5 71.3
67 75.5 60.5 90.7
52 32.6 27.0 40.6

Manual Integrations

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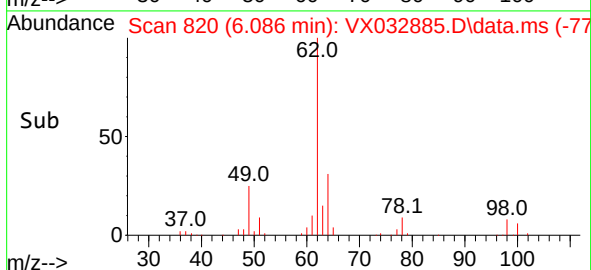
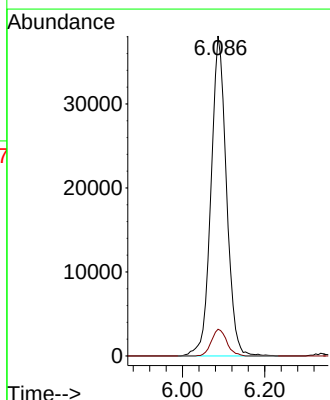
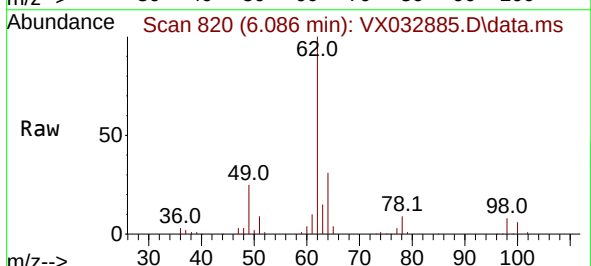
Reviewed By :John Carlone 11/17/2022

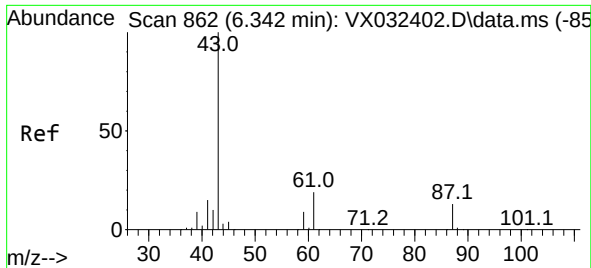
Supervised By :Mahesh Dadoda 11/17/2022



#42
1,2-Dichloroethane
Concen: 51.884 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

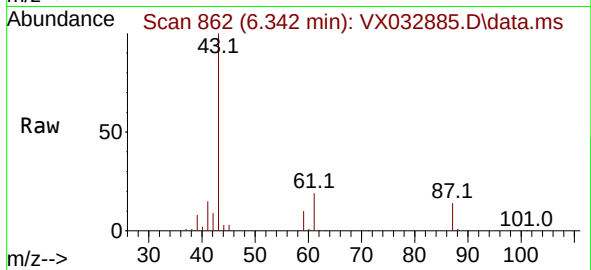
Tgt Ion: 62 Resp: 99576
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 49.753 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

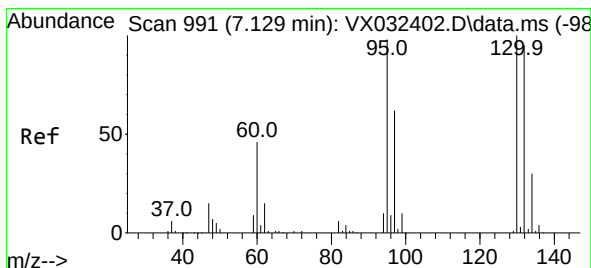
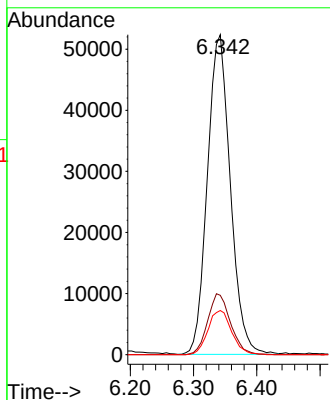
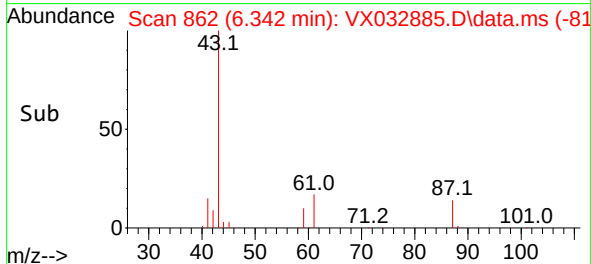
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 131920
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 14.3 10.8 16.2

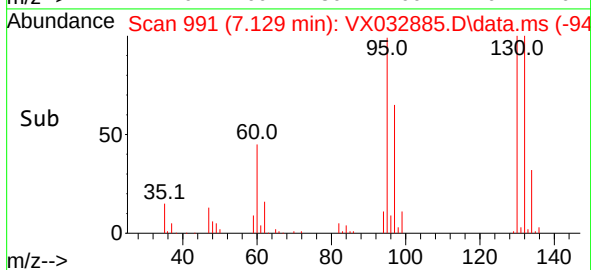
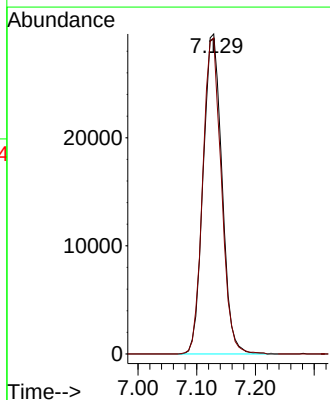
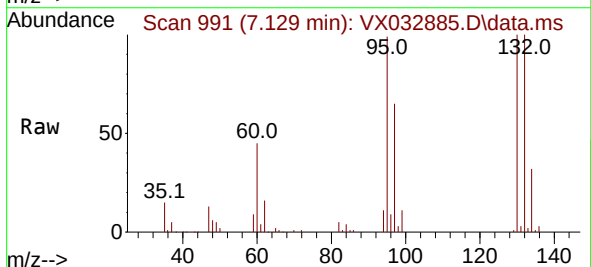
Manual Integrations
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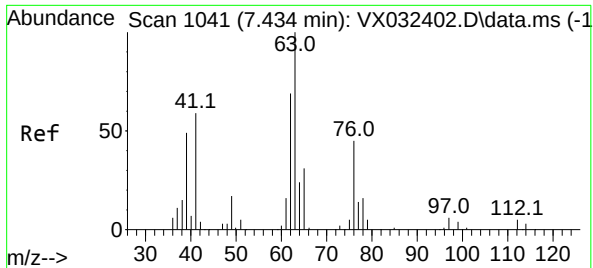
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#44
Trichloroethene
Concen: 49.700 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:130 Resp: 65687
Ion Ratio Lower Upper
130 100
95 98.8 0.0 195.2





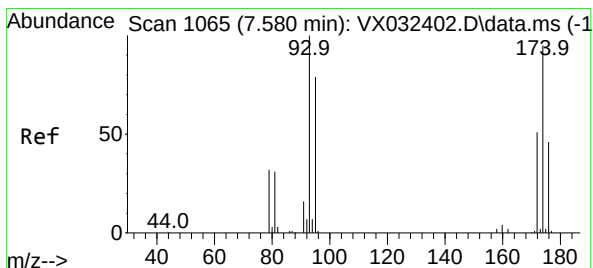
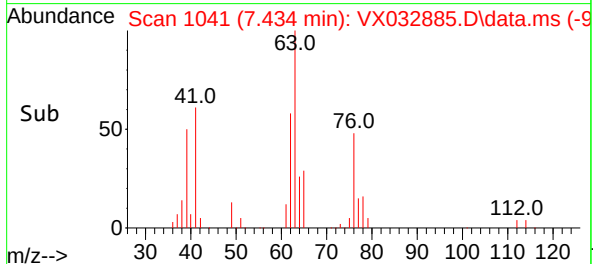
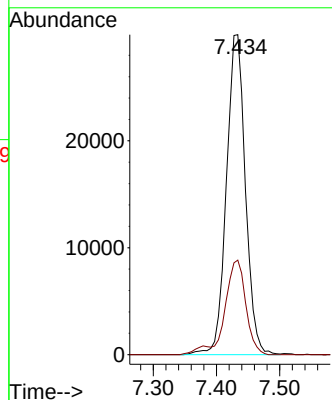
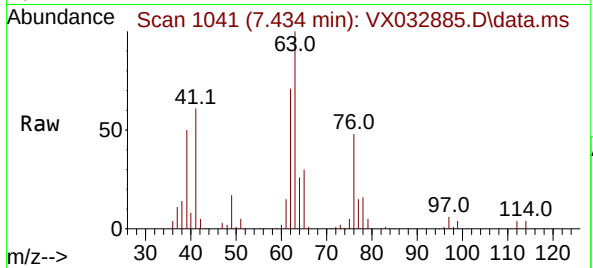
#45
1,2-Dichloropropane
Concen: 51.732 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6234
Ion Ratio Lower Upper
63 100
65 29.5 24.6 36.8

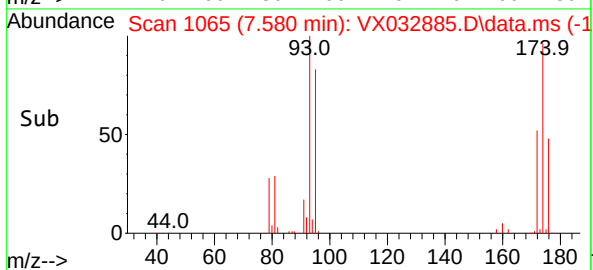
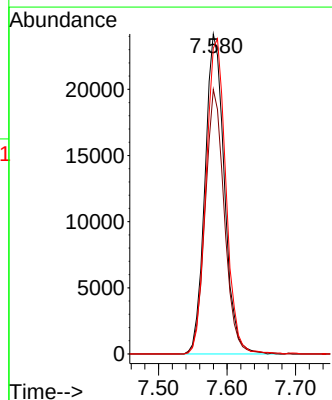
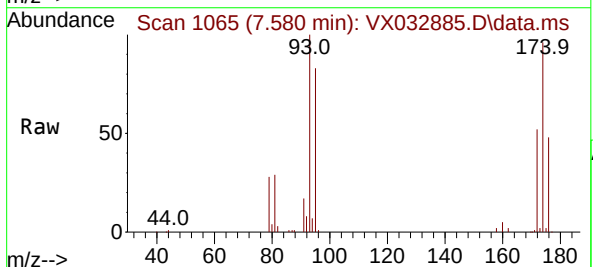
Manual Integrations
APPROVED

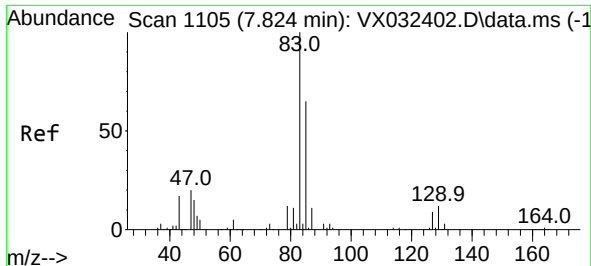
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#46
Dibromomethane
Concen: 51.530 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 93 Resp: 47628
Ion Ratio Lower Upper
93 100
95 81.4 65.8 98.8
174 100.5 79.8 119.6





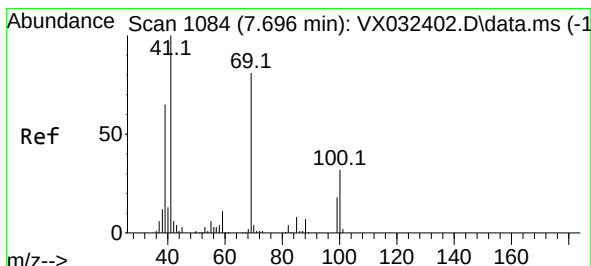
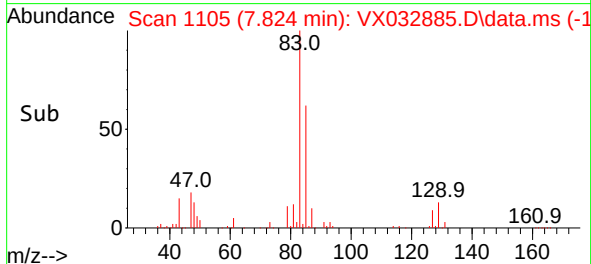
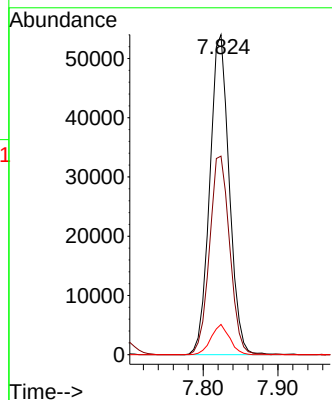
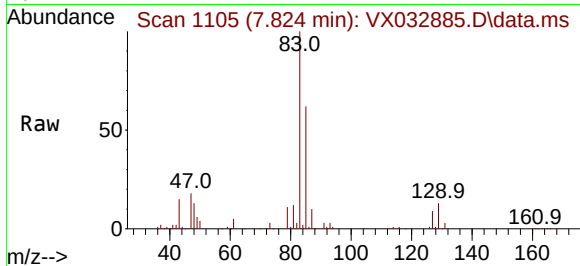
#47
Bromodichloromethane
Concen: 55.742 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9764
Ion Ratio Lower Upper
83 100
85 62.0 52.2 78.4
127 9.5 7.4 11.2

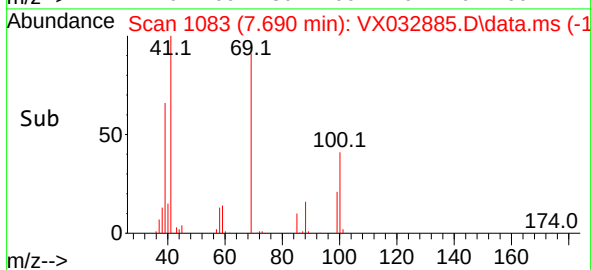
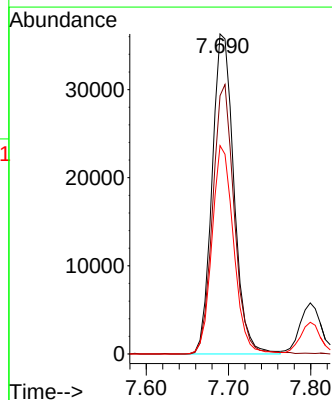
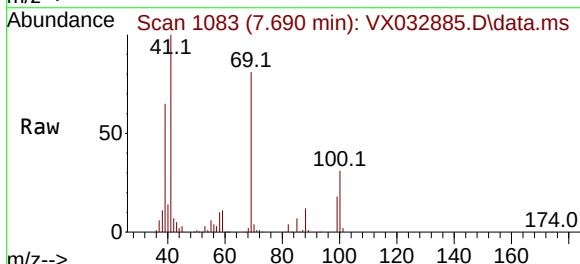
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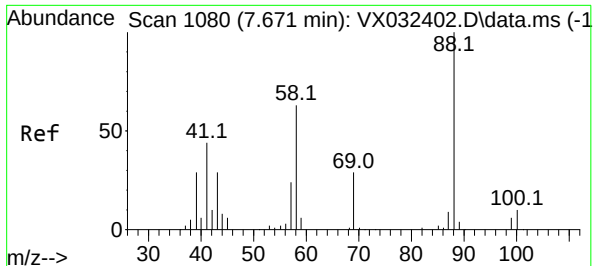
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#48
Methyl methacrylate
Concen: 48.963 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 41 Resp: 67053
Ion Ratio Lower Upper
41 100
69 82.9 65.1 97.7
39 64.5 51.9 77.9





#49

1,4-Dioxane

Concen: 918.067 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 23960

Ion Ratio Lower Upper

88 100

43 32.2 26.6 39.8

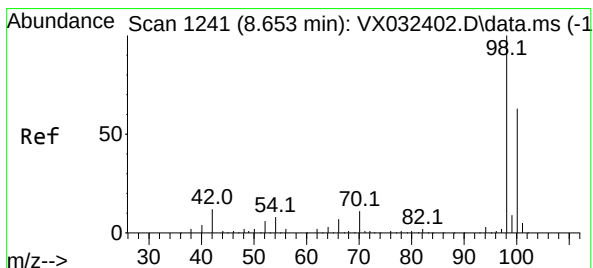
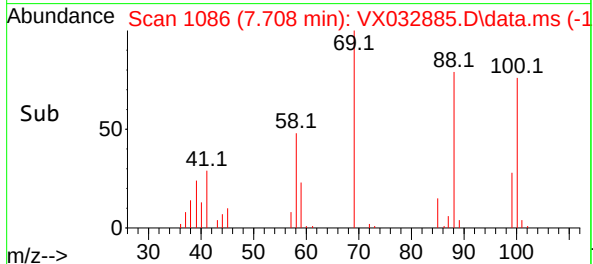
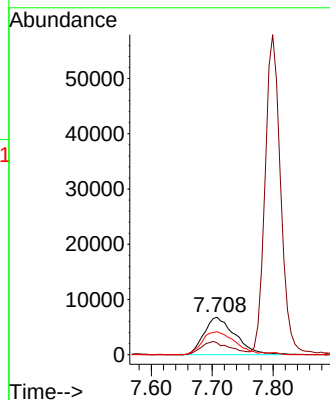
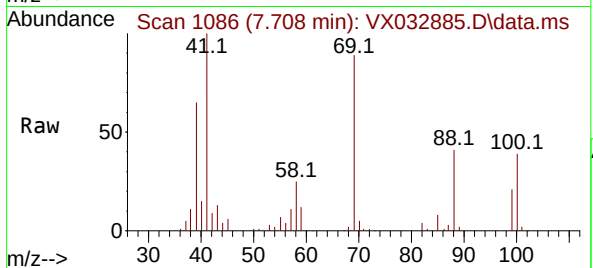
58 65.6 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#50

Toluene-d8

Concen: 49.607 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032885.D

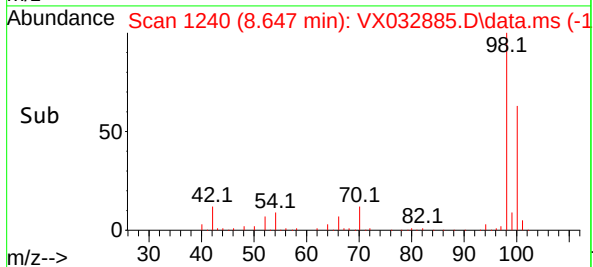
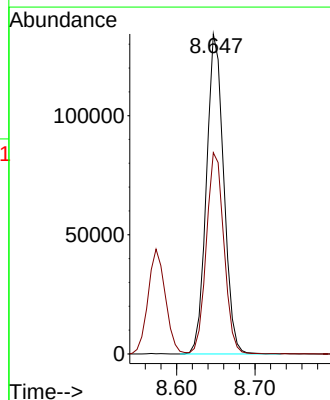
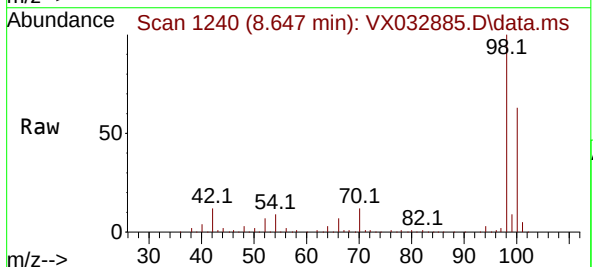
Acq: 16 Nov 2022 21:48

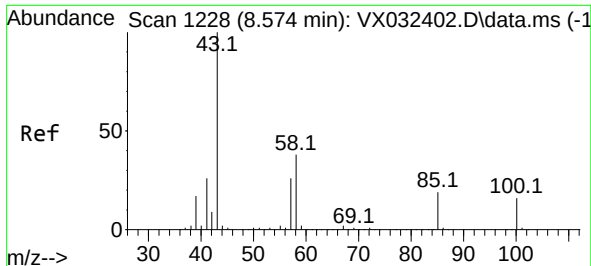
Tgt Ion: 98 Resp: 205512

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3





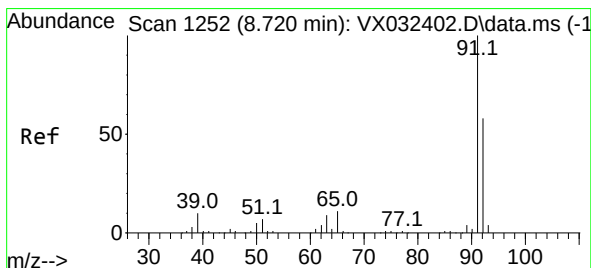
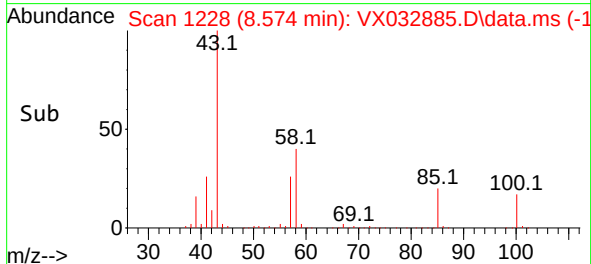
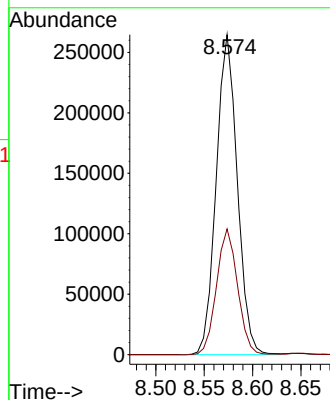
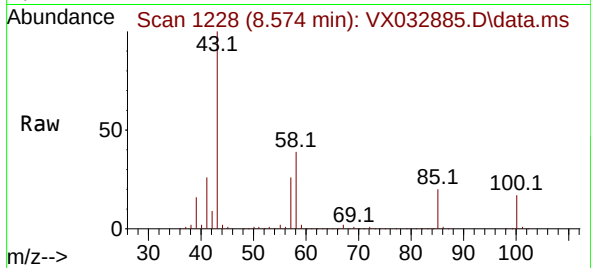
#51
4-Methyl-2-Pentanone
Concen: 239.954 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 400760
Ion Ratio Lower Upper
43 100
58 39.3 30.9 46.3

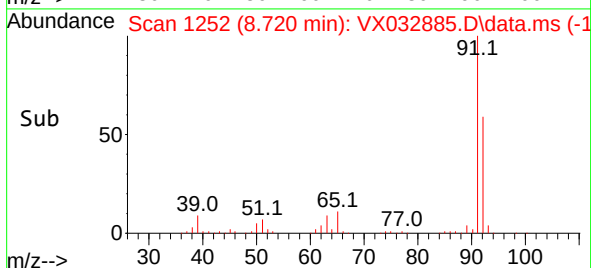
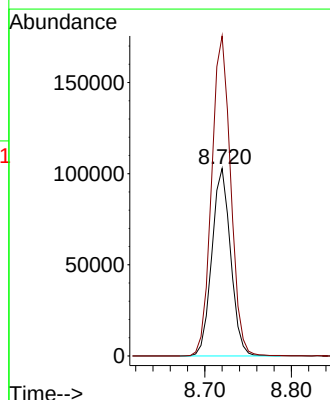
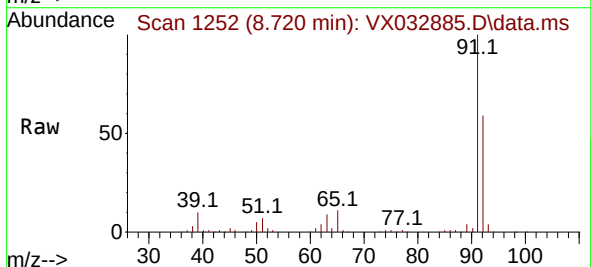
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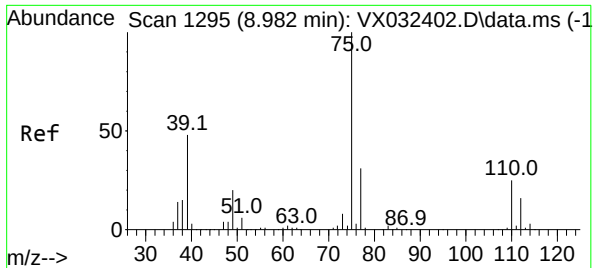
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#52
Toluene
Concen: 50.405 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion: 92 Resp: 154398
Ion Ratio Lower Upper
92 100
91 173.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 53.535 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 9568

Ion Ratio Lower Upper

75 100

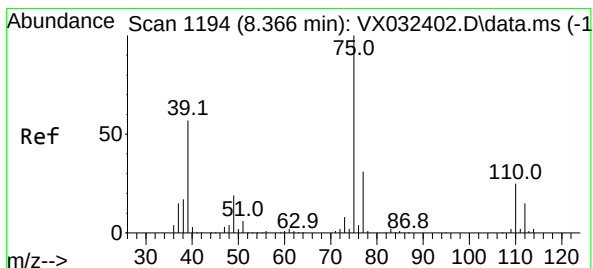
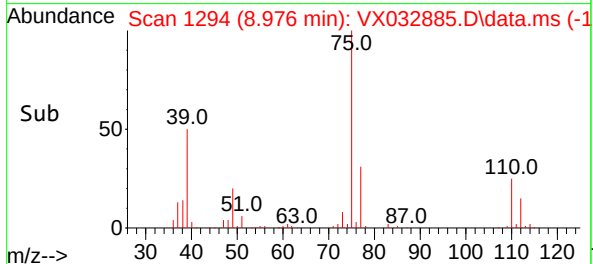
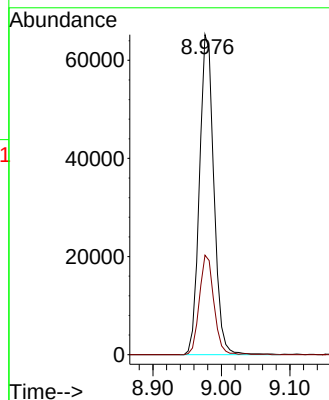
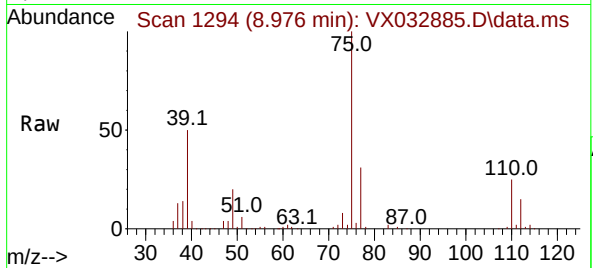
77 31.1 25.1 37.7

Manual Integrations

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Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#54

cis-1,3-Dichloropropene

Concen: 52.870 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

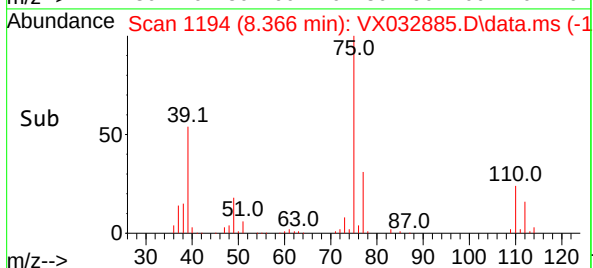
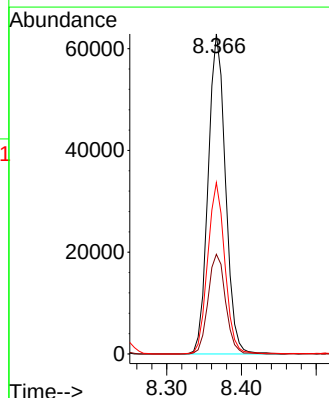
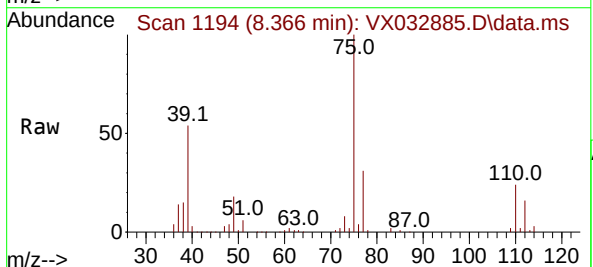
Tgt Ion: 75 Resp: 101072

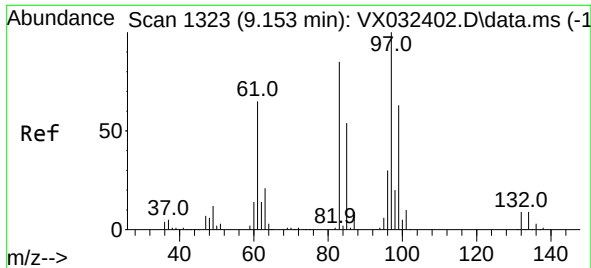
Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

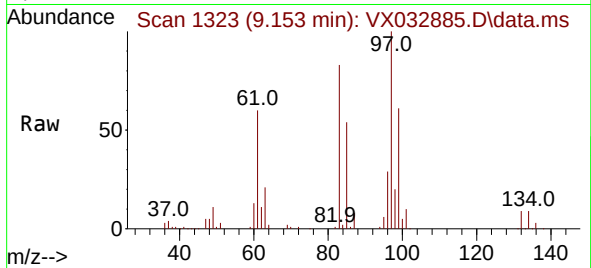
39 53.5 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 53.825 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

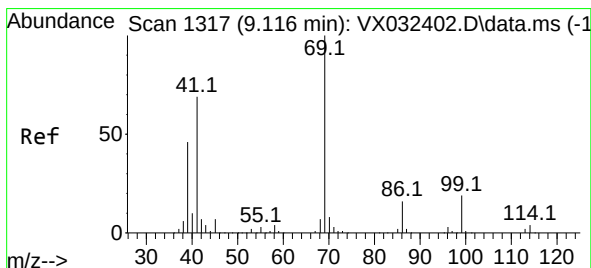
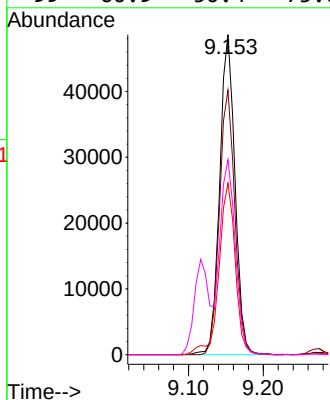
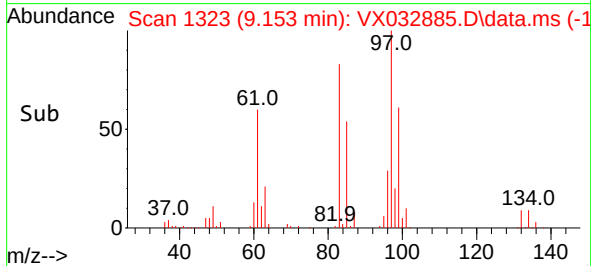


Tgt Ion: 97 Resp: 6943

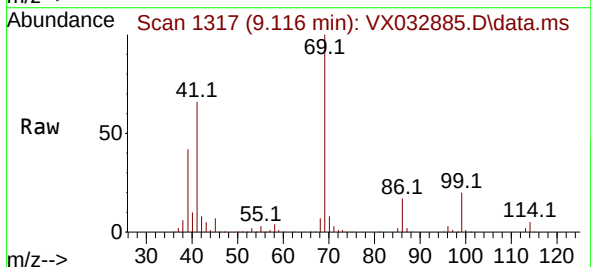
Ion	Ratio	Lower	Upper
97	100		
83	82.6	68.1	102.1
85	53.6	43.3	64.9
99	60.9	50.4	75.6

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

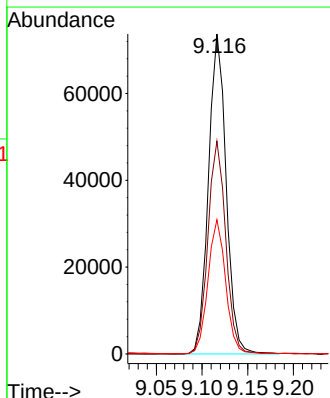
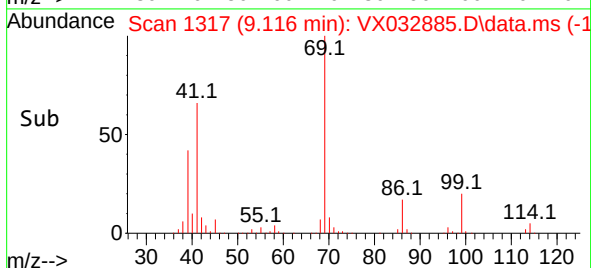


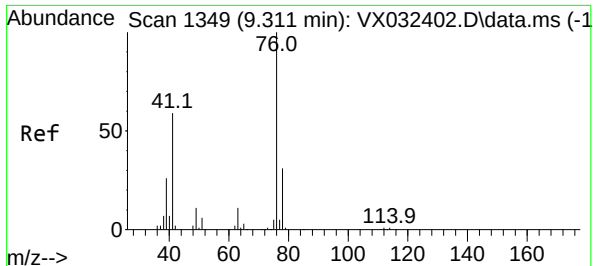
#56
Ethyl methacrylate
Concen: 53.432 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



Tgt Ion: 69 Resp: 99193

Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.3	81.5
39	42.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.099 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10853

Ion Ratio Lower Upper

76 100

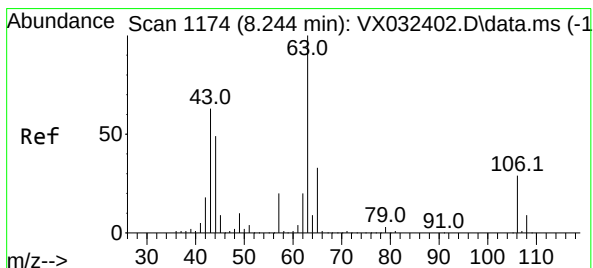
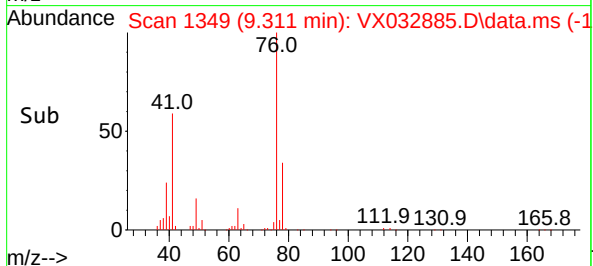
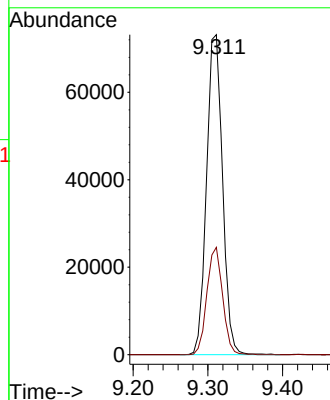
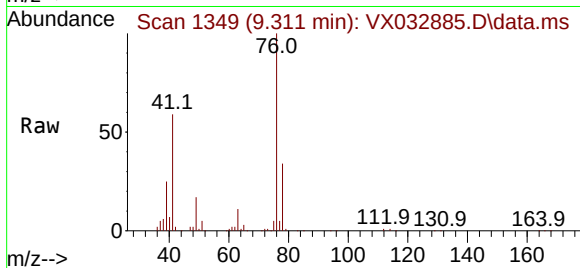
78 33.0 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 266.662 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032885.D

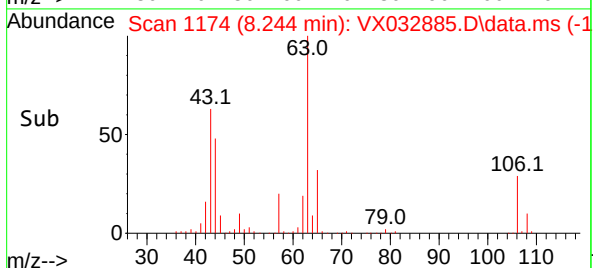
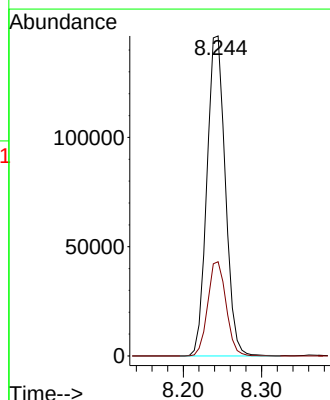
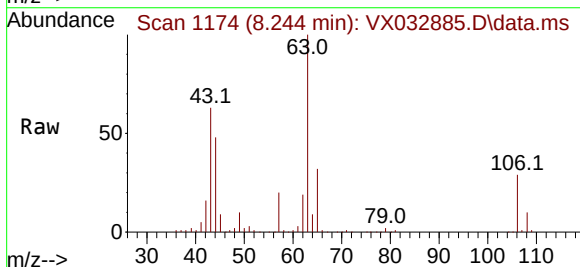
Acq: 16 Nov 2022 21:48

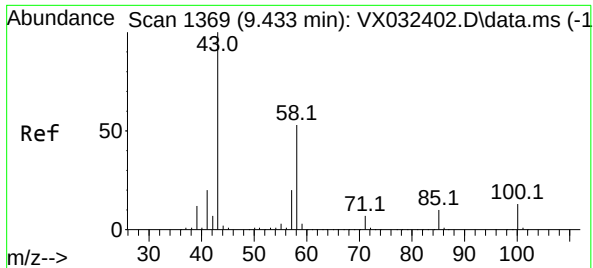
Tgt Ion: 63 Resp: 238366

Ion Ratio Lower Upper

63 100

106 29.4 23.3 34.9





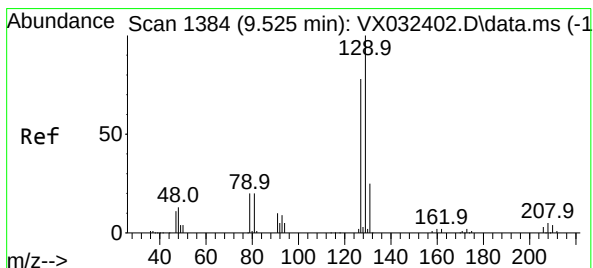
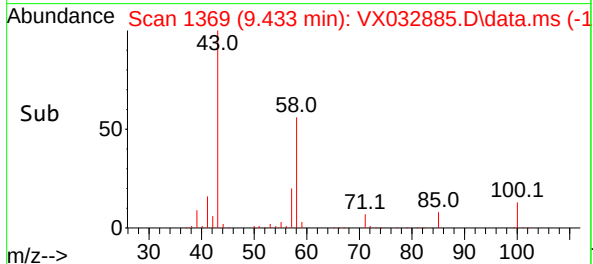
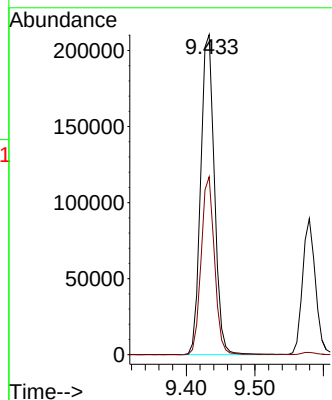
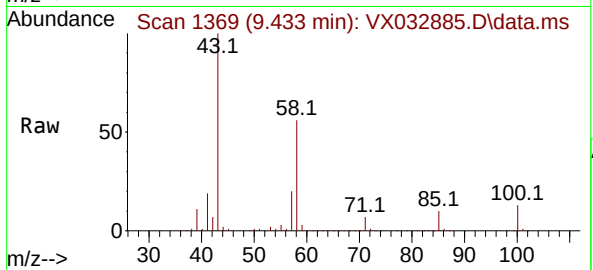
#59
2-Hexanone
Concen: 237.239 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 294009
Ion Ratio Lower Upper
43 100
58 54.1 26.5 79.5

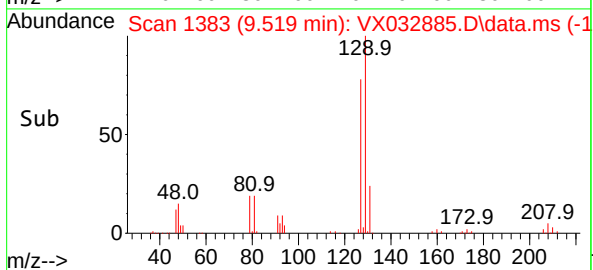
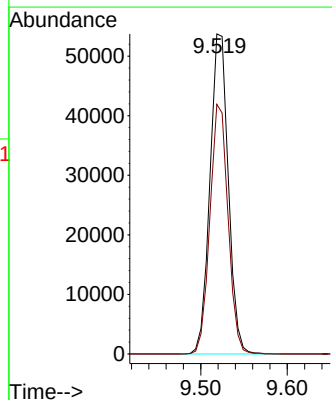
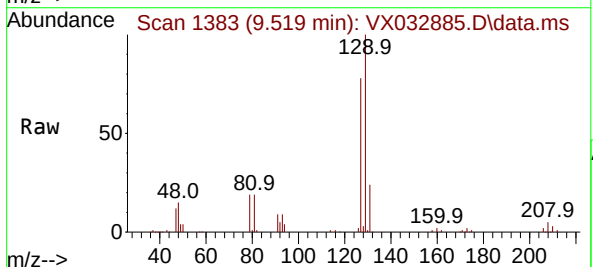
Manual Integrations
APPROVED

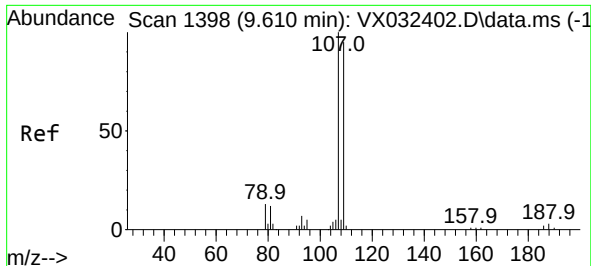
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#60
Dibromochloromethane
Concen: 56.113 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:129 Resp: 79065
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 52.426 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

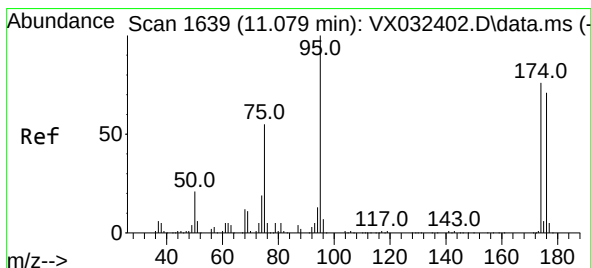
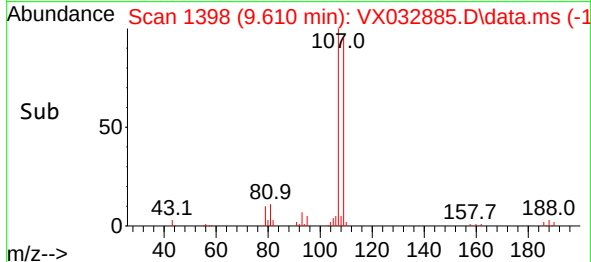
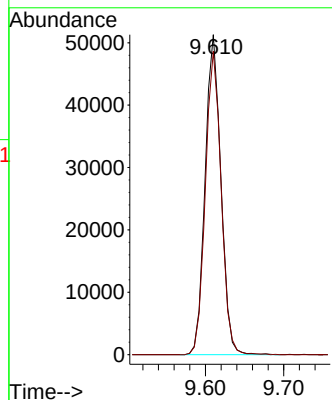
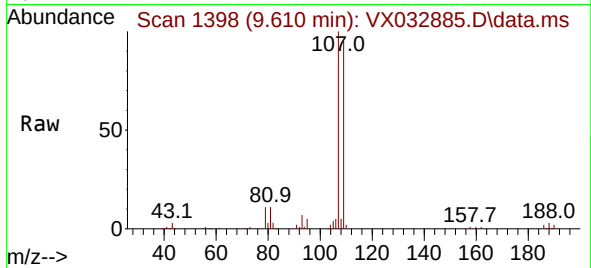
Tgt Ion:107 Resp: 71660
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

Manual Integrations

APPROVED

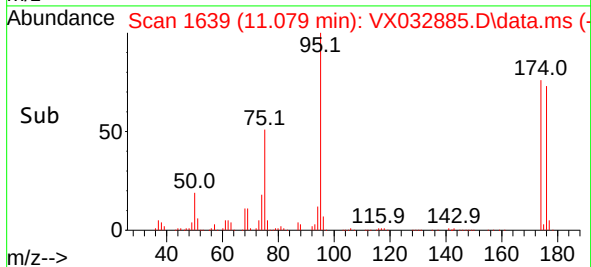
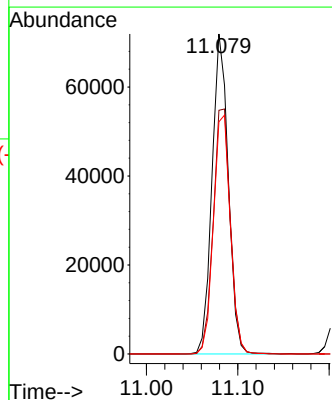
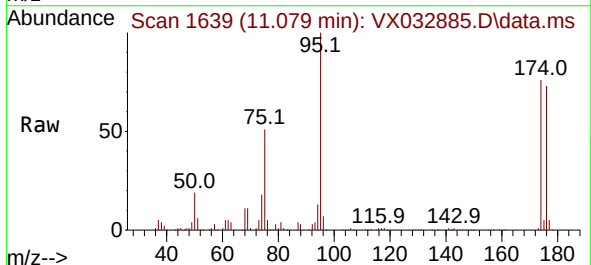
Reviewed By :John Carlone 11/17/2022

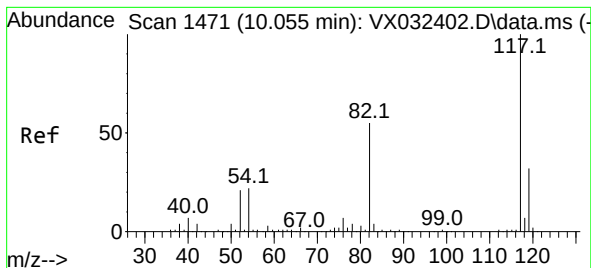
Supervised By :Mahesh Dadoda 11/17/2022



#62
4-Bromofluorobenzene
Concen: 54.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

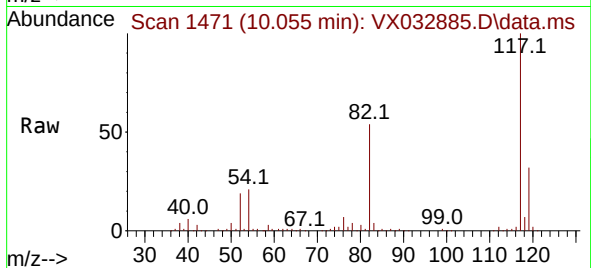
Tgt Ion: 95 Resp: 88715
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.0
176 77.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

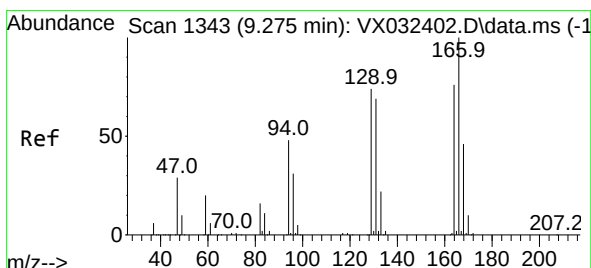
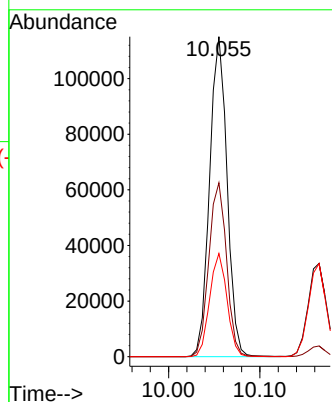
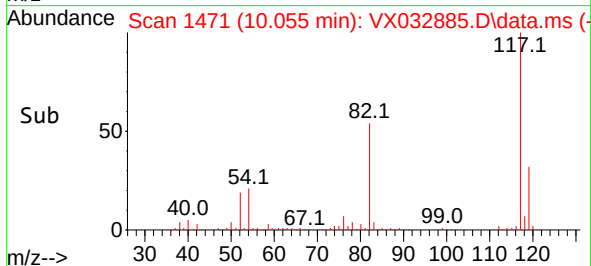
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 15328
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.3 25.7 38.5

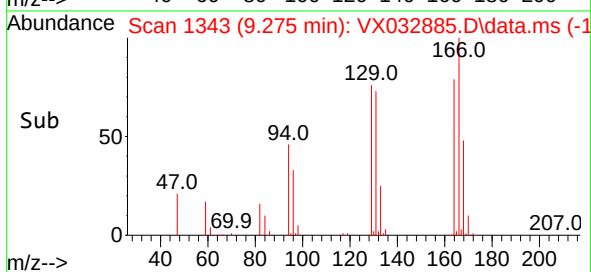
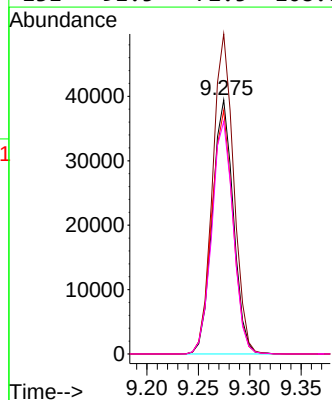
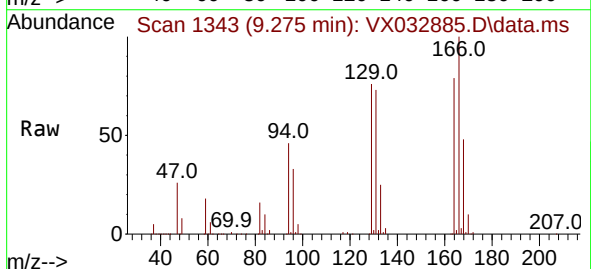
Manual Integrations
APPROVED

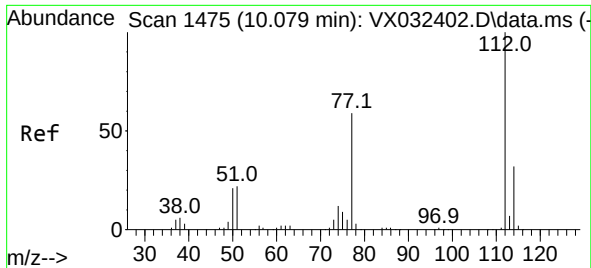
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#64
Tetrachloroethene
Concen: 49.865 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:164 Resp: 55947
Ion Ratio Lower Upper
164 100
166 126.0 105.4 158.2
129 95.8 78.2 117.2
131 91.5 72.5 108.7





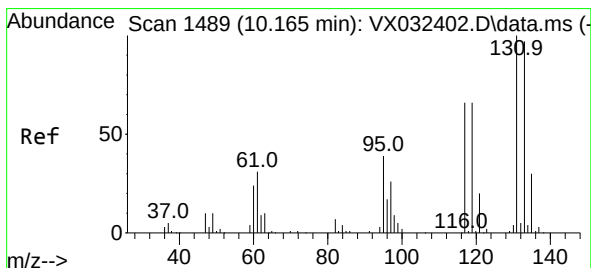
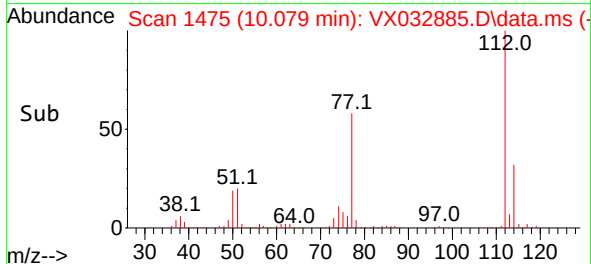
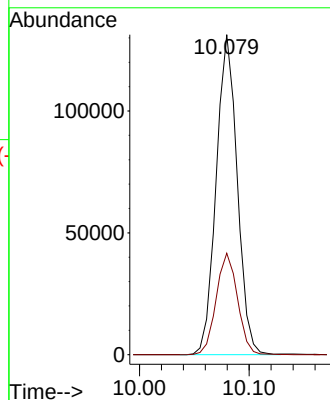
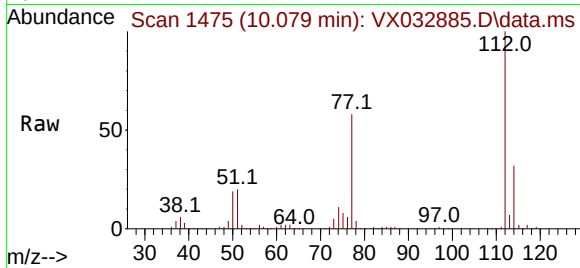
#65
Chlorobenzene
Concen: 51.008 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 17514
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

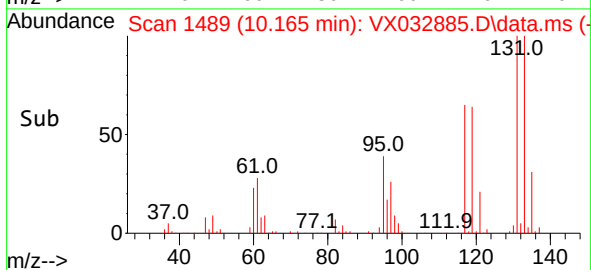
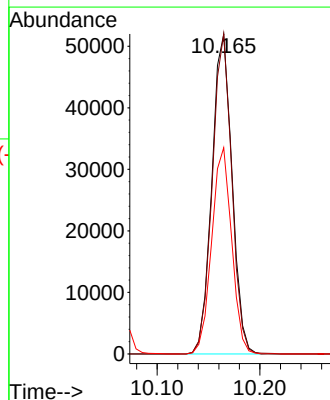
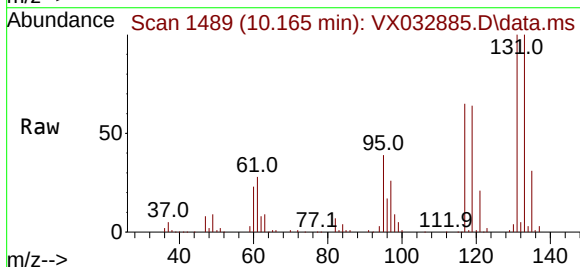
Manual Integrations
APPROVED

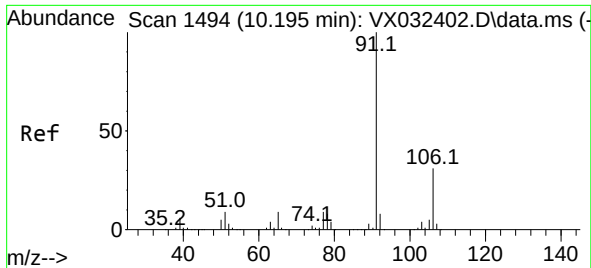
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.631 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

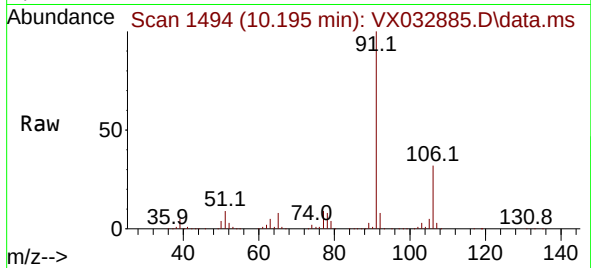
Tgt Ion:131 Resp: 70600
Ion Ratio Lower Upper
131 100
133 96.9 47.6 142.9
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 50.532 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

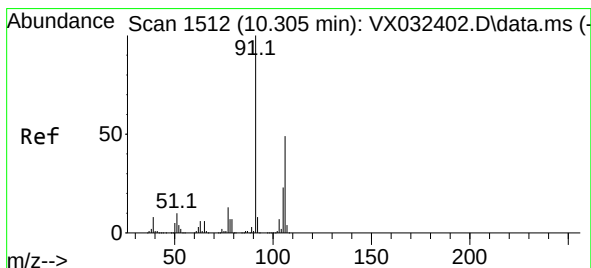
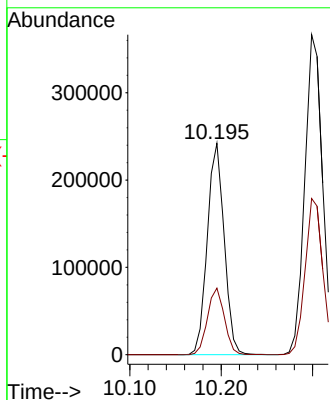
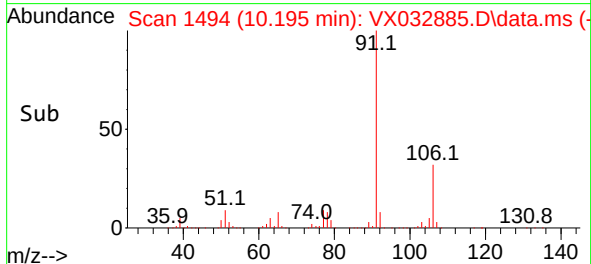
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



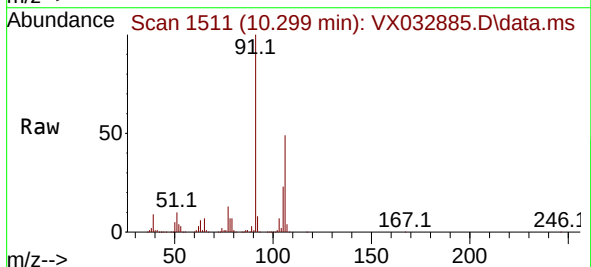
Tgt Ion: 91 Resp: 31028
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.6

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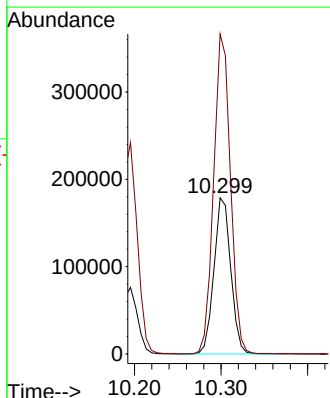
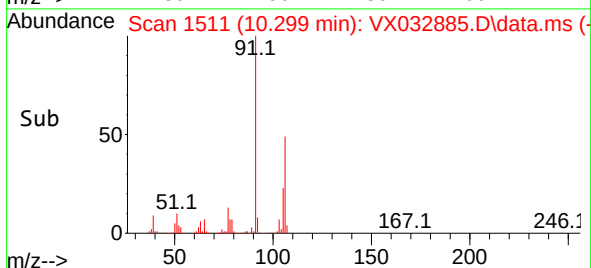
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

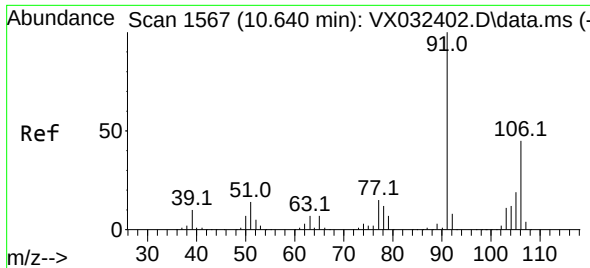


#68
m/p-Xylenes
Concen: 101.198 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



Tgt Ion:106 Resp: 241288
Ion Ratio Lower Upper
106 100
91 205.0 164.5 246.7





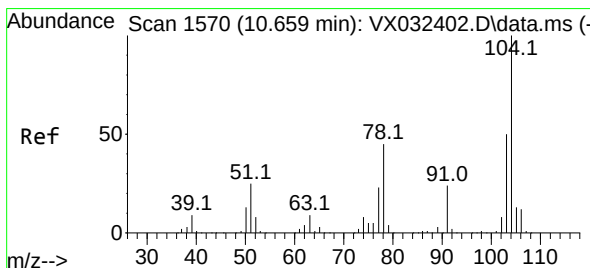
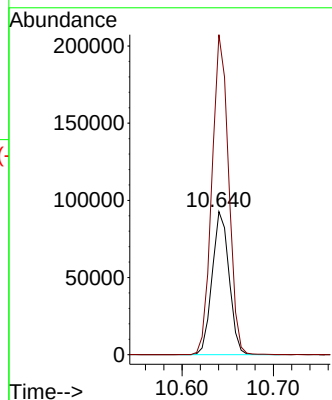
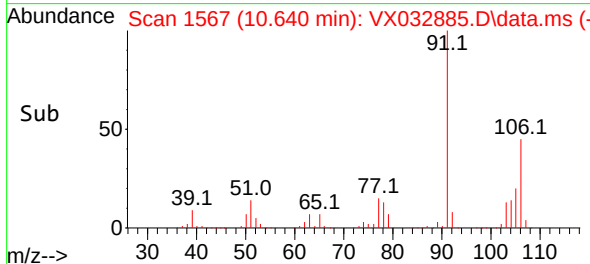
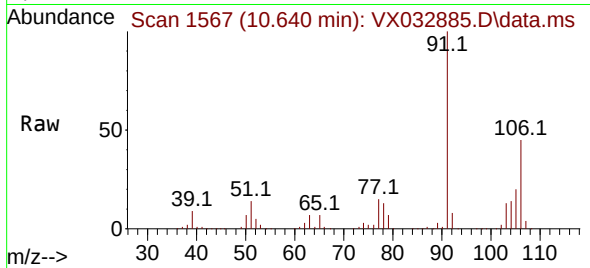
#69
o-Xylene
Concen: 51.360 ug/l
RT: 10.640 min Scan# 11906
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11906
Ion Ratio Lower Upper
106 100
91 220.8 109.2 327.6

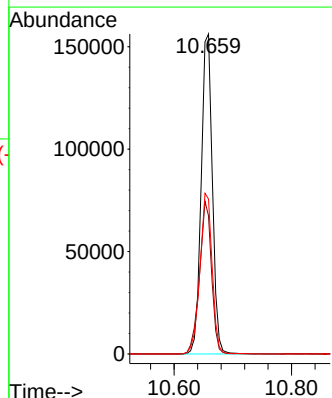
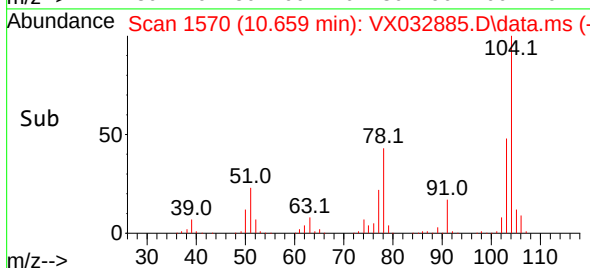
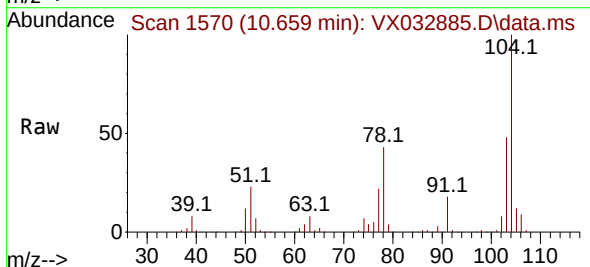
Manual Integrations
APPROVED

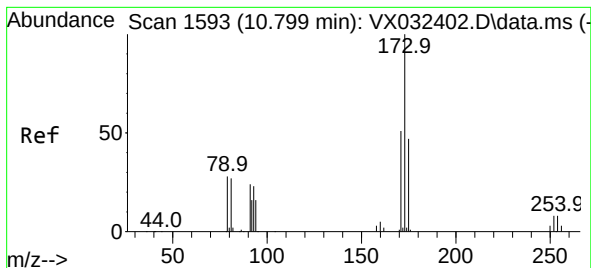
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#70
Styrene
Concen: 53.424 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:104 Resp: 205828
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 55.0 44.5 66.7





#71

Bromoform

Concen: 55.129 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

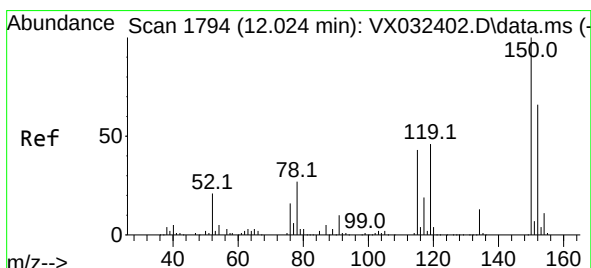
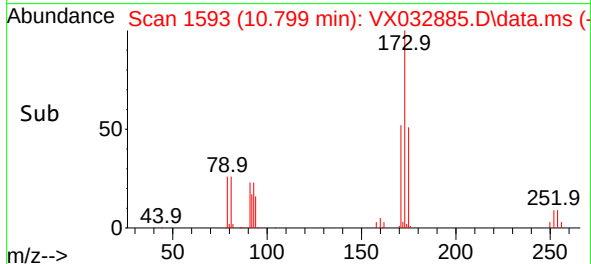
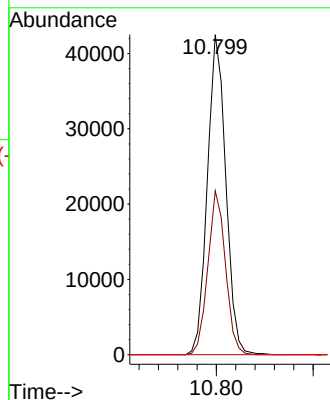
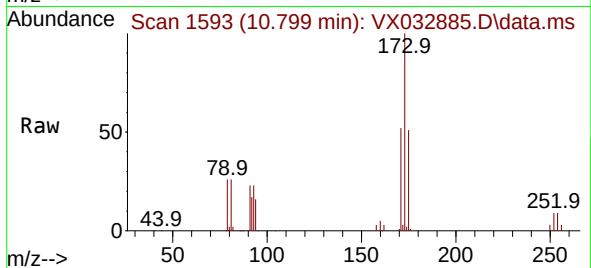
Tgt Ion:173 Resp: 56329
 Ion Ratio Lower Upper
 173 100
 175 49.0 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

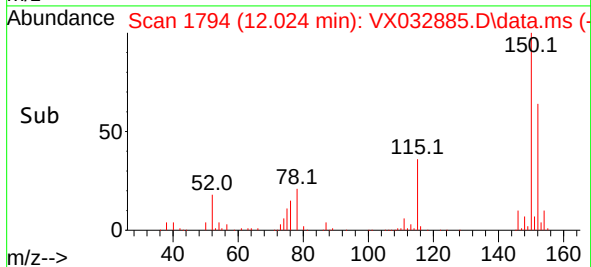
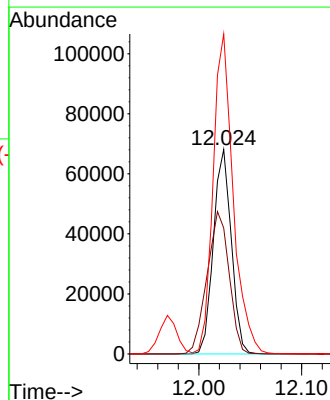
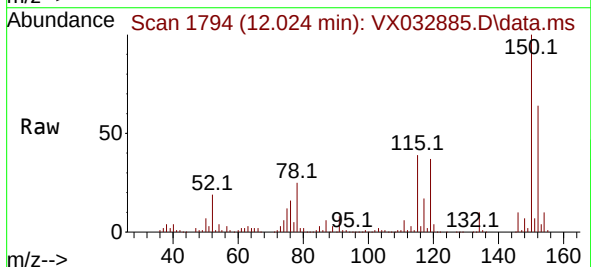
RT: 12.024 min Scan# 1794

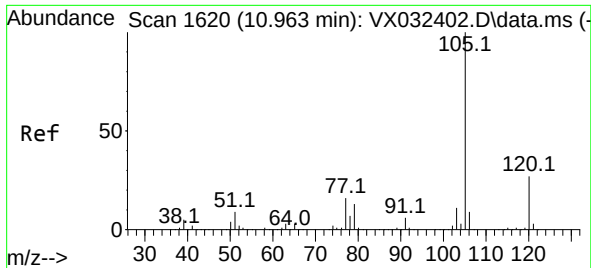
Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

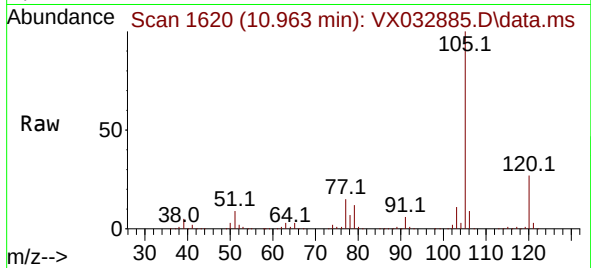
Tgt Ion:152 Resp: 82132
 Ion Ratio Lower Upper
 152 100
 115 86.2 44.0 132.0
 150 176.1 0.0 351.8





#73
Isopropylbenzene
Concen: 49.269 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

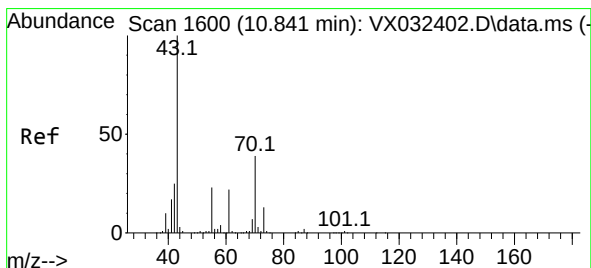
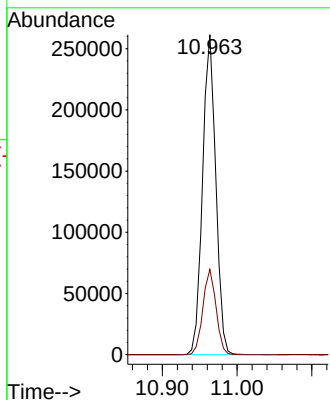
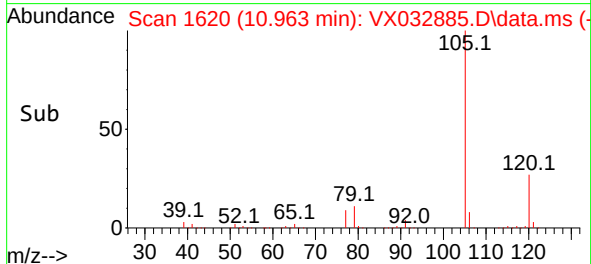
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



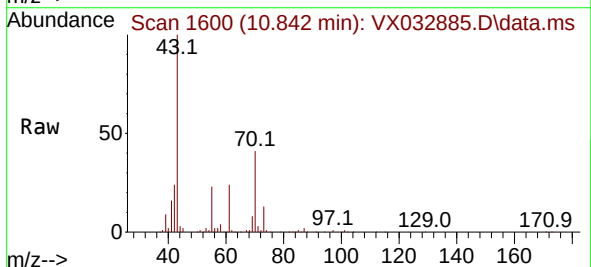
Tgt Ion:105 Resp: 320658
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

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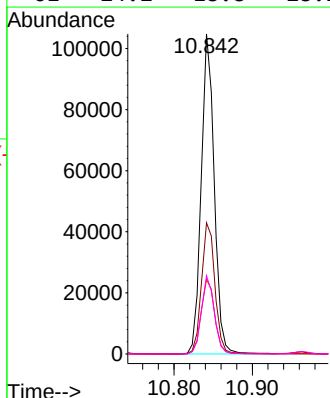
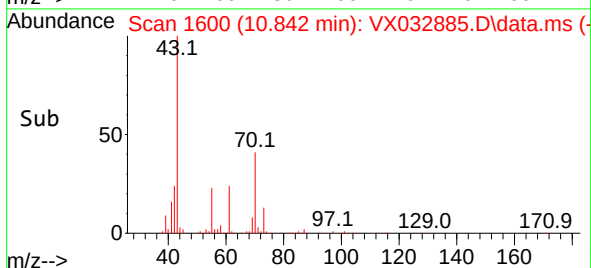
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

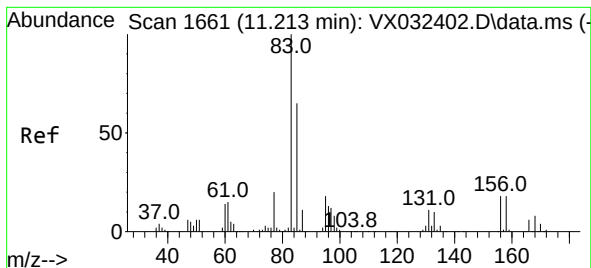


#74
N-ethyl acetate
Concen: 49.165 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



Tgt Ion: 43 Resp: 120902
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 24.3 19.4 29.2
61 24.2 18.8 28.2





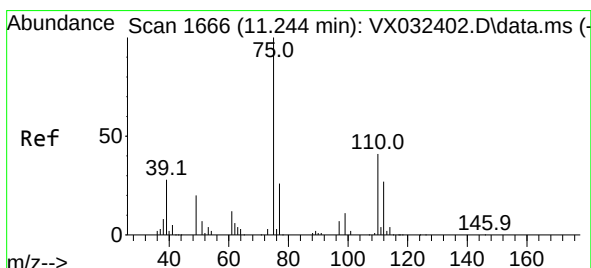
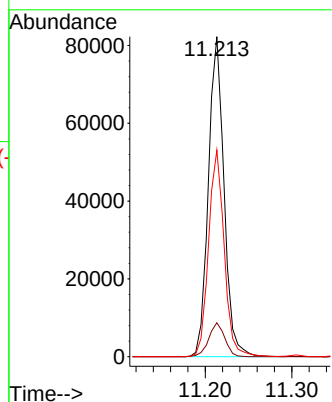
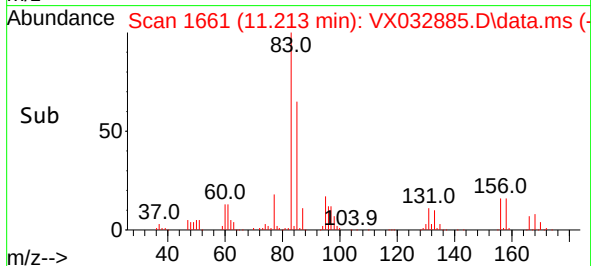
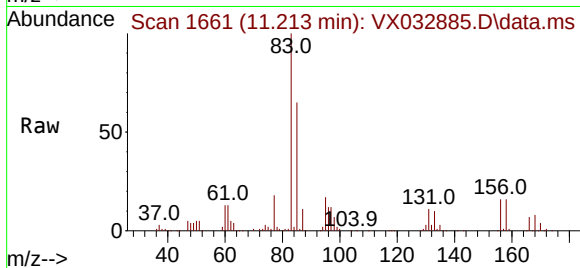
#75
1,1,2,2-Tetrachloroethane
Concen: 49.426 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 10325
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 64.5 31.9 95.9

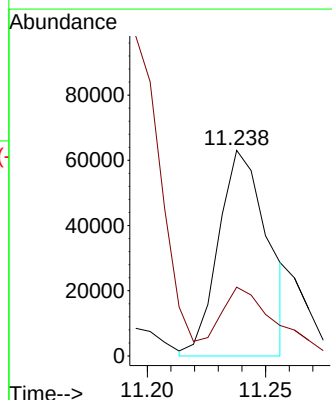
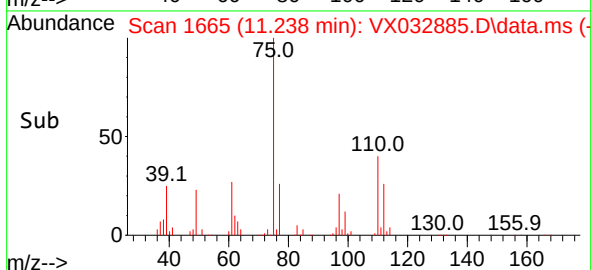
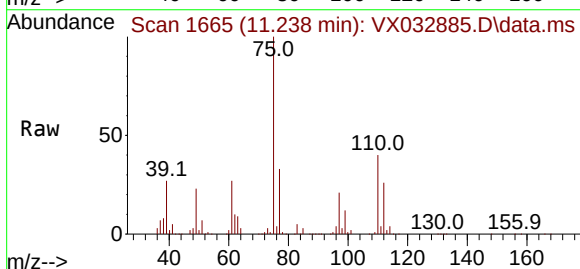
Manual Integrations
APPROVED

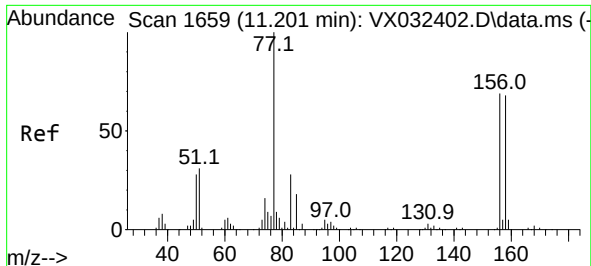
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#76
1,2,3-Trichloropropane
Concen: 49.732 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

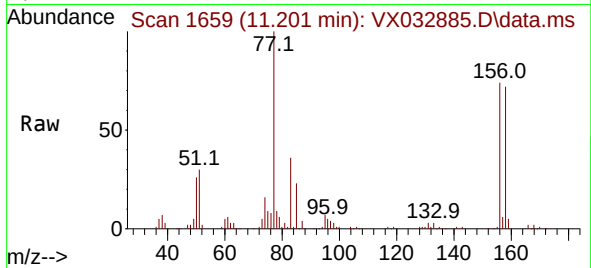
Tgt Ion: 75 Resp: 90873
Ion Ratio Lower Upper
75 100
77 38.6 20.0 60.0





#77
Bromobenzene
Concen: 51.202 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

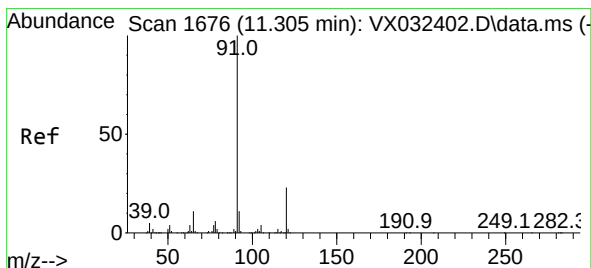
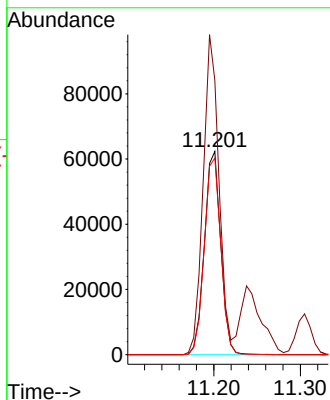
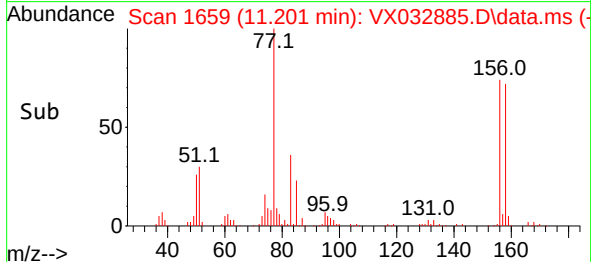
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



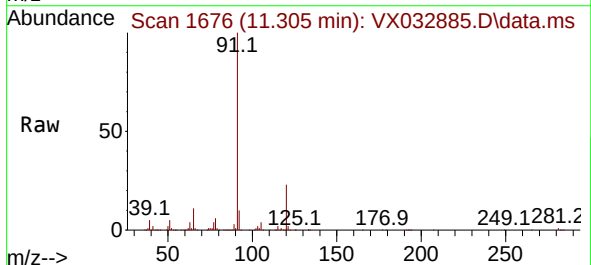
Tgt Ion:156 Resp: 81697
Ion Ratio Lower Upper
156 100
77 151.4 76.1 228.4
158 98.0 48.8 146.3

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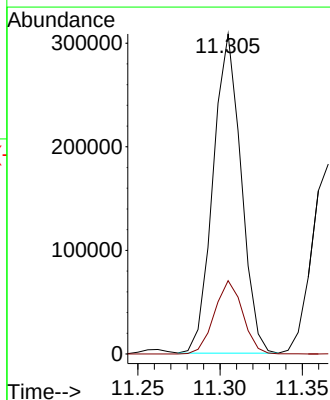
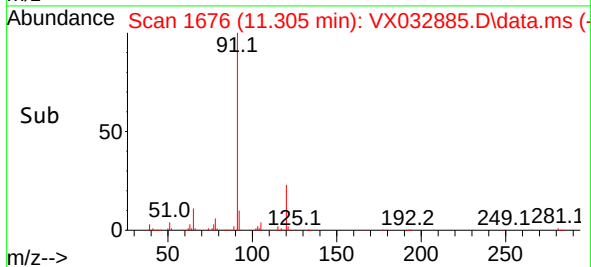
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

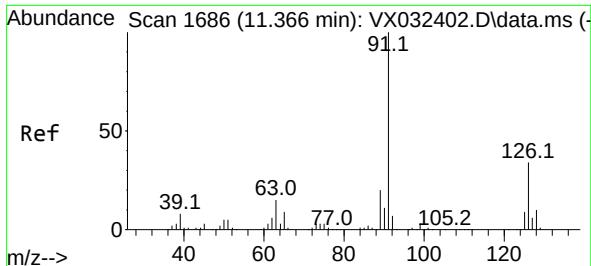


#78
n-propylbenzene
Concen: 48.623 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



Tgt Ion: 91 Resp: 364597
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8





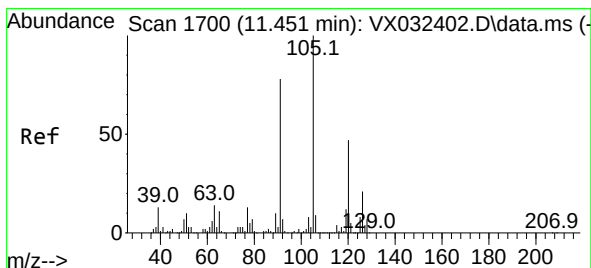
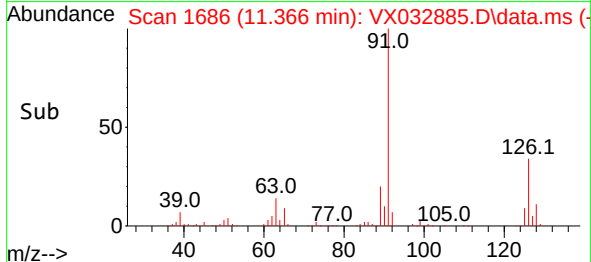
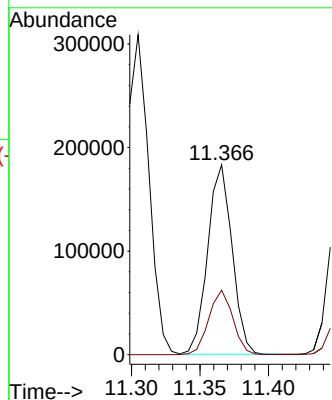
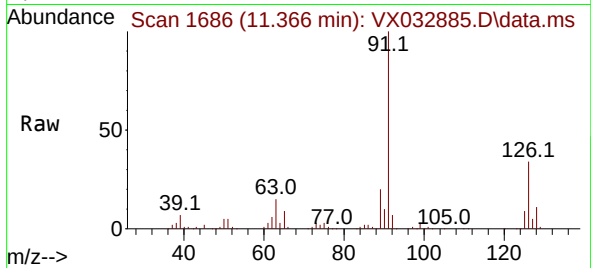
#79
2-Chlorotoluene
Concen: 50.392 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 226292
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2

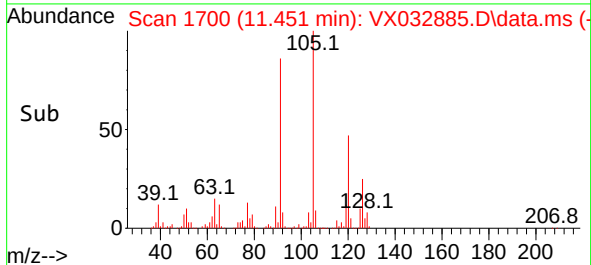
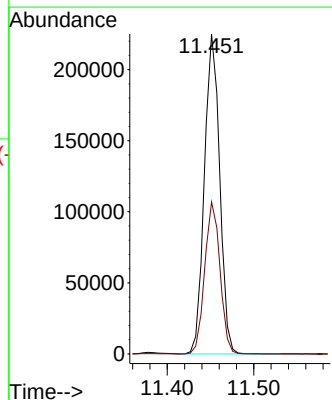
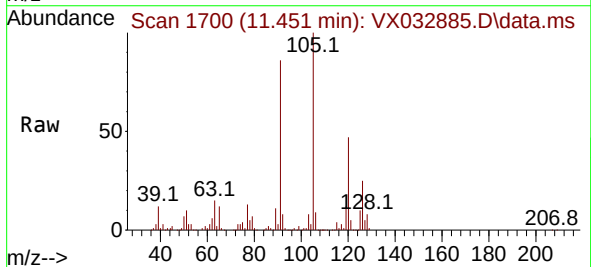
Manual Integrations
APPROVED

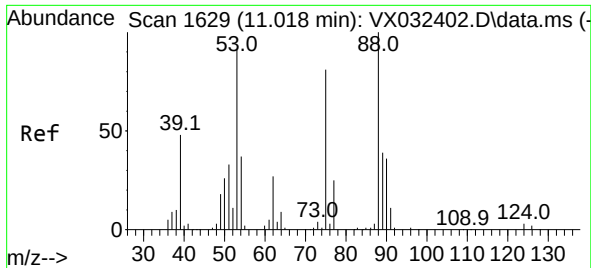
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.575 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:105 Resp: 275754
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0





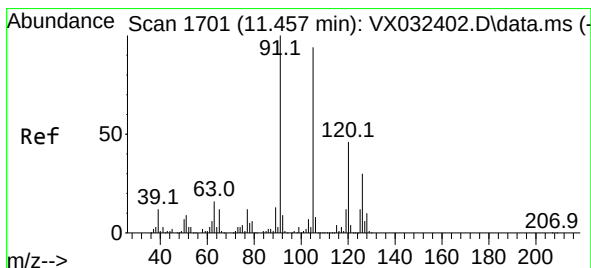
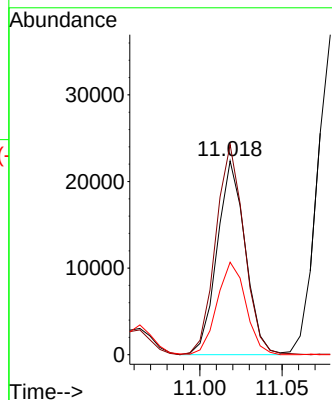
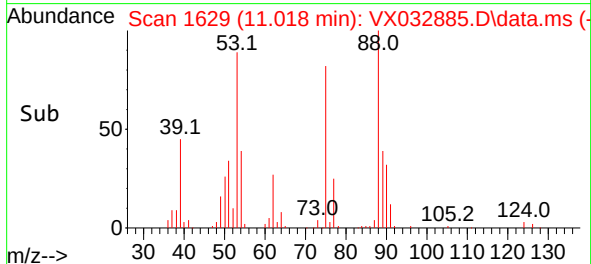
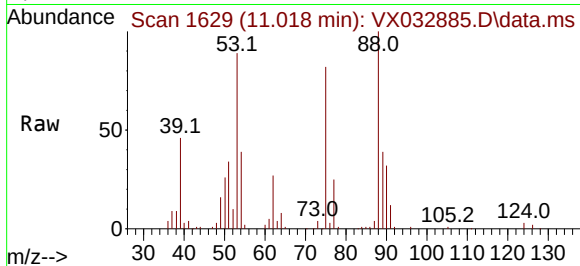
#81
trans-1,4-Dichloro-2-butene
Concen: 46.441 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 26668
Ion Ratio Lower Upper
75 100
53 109.7 86.9 130.3
89 48.5 38.3 57.5

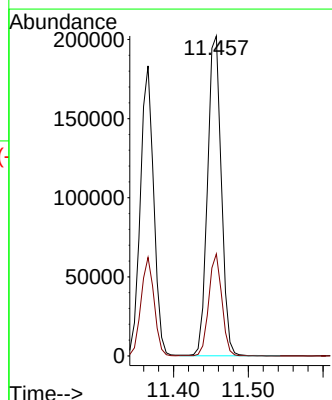
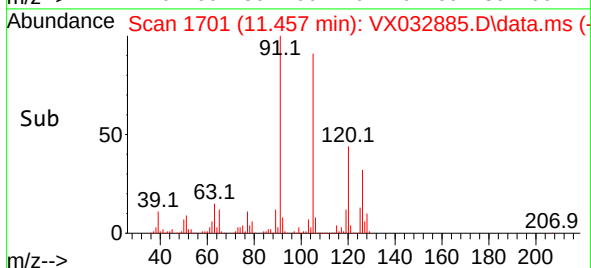
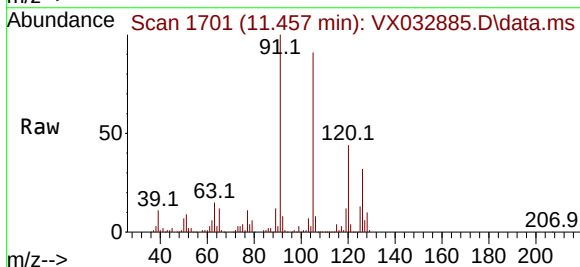
Manual Integrations
APPROVED

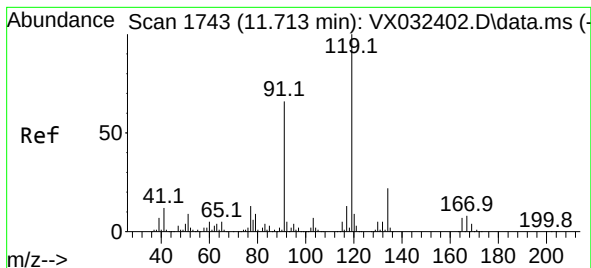
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022



#82
4-Chlorotoluene
Concen: 49.210 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

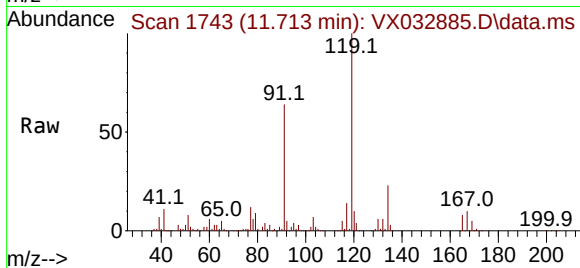
Tgt Ion: 91 Resp: 258580
Ion Ratio Lower Upper
91 100
126 30.3 14.8 44.4





#83
tert-Butylbenzene
Concen: 50.418 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

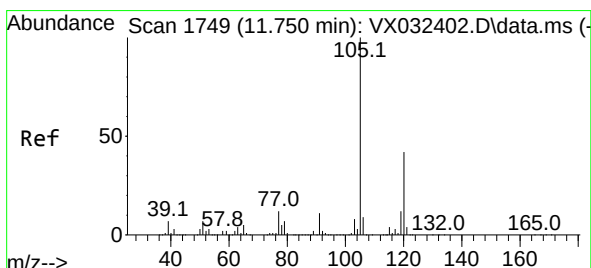
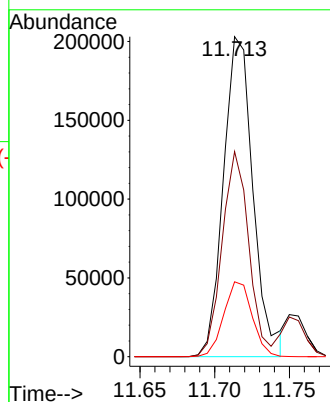
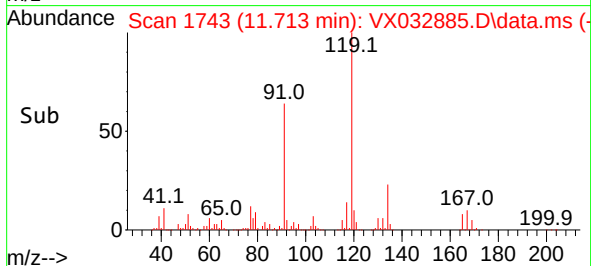
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



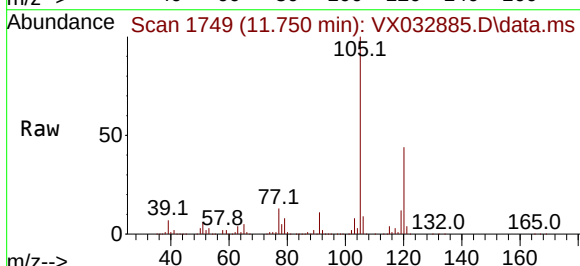
Tgt Ion:119 Resp: 27998
Ion Ratio Lower Upper
119 100
91 57.7 29.4 88.2
134 22.4 11.0 33.0

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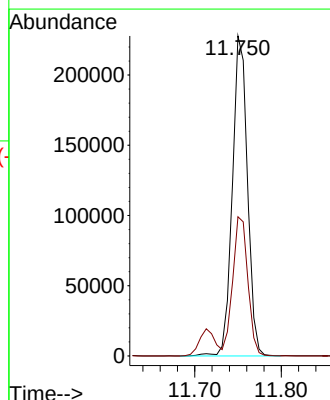
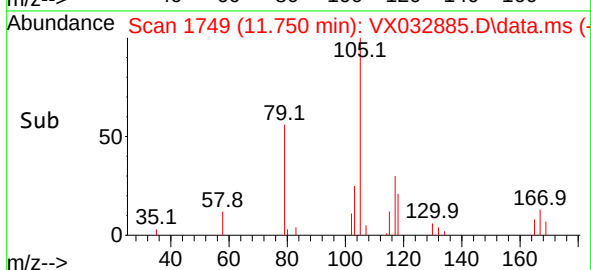
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

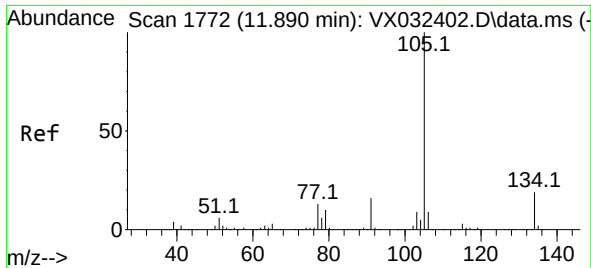


#84
1,2,4-Trimethylbenzene
Concen: 49.847 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



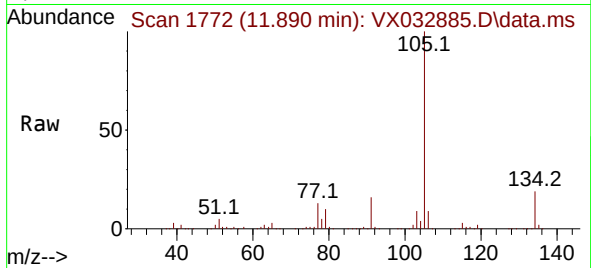
Tgt Ion:105 Resp: 275772
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 48.271 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48

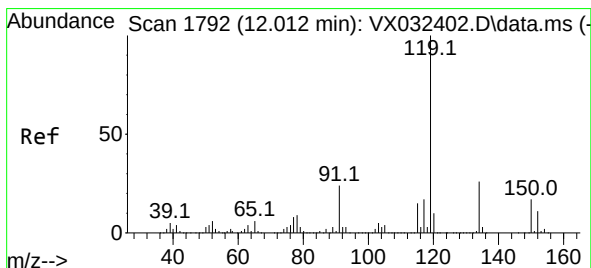
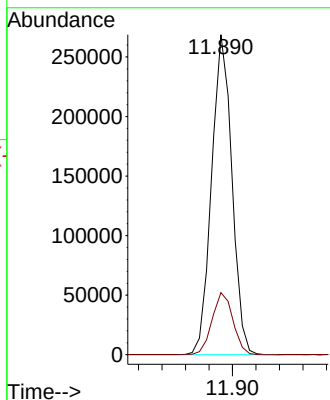
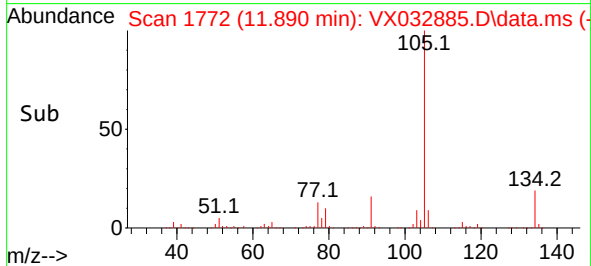
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



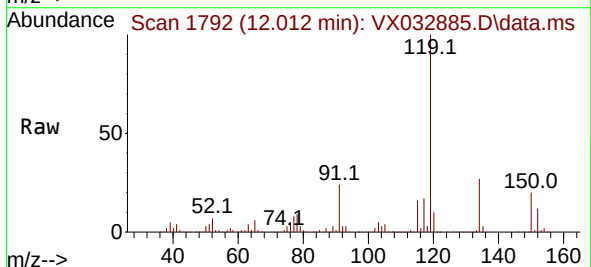
Tgt Ion:105 Resp: 32255
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

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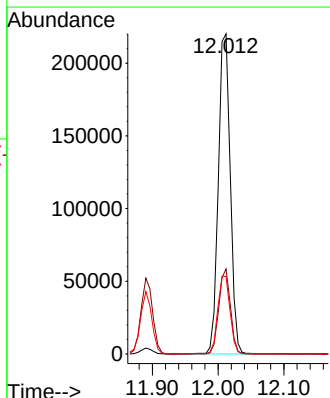
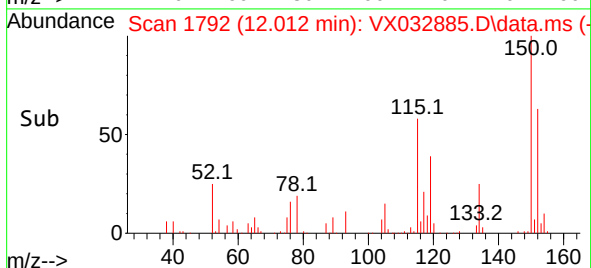
Reviewed By :John Carlone 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

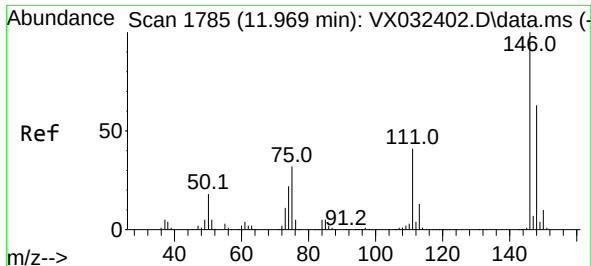


#86
 p-Isopropyltoluene
 Concen: 49.069 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032885.D
 Acq: 16 Nov 2022 21:48



Tgt Ion:119 Resp: 278222
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 50.559 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 15217

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

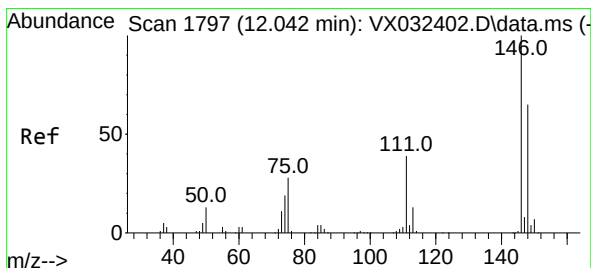
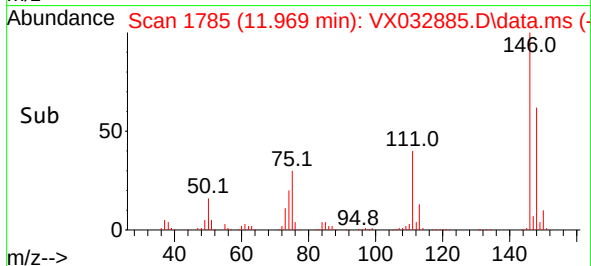
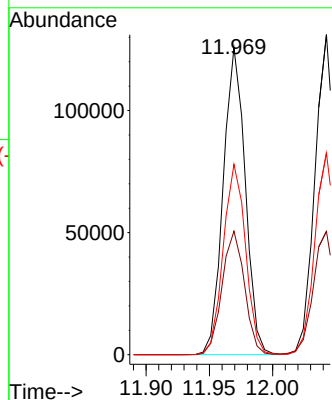
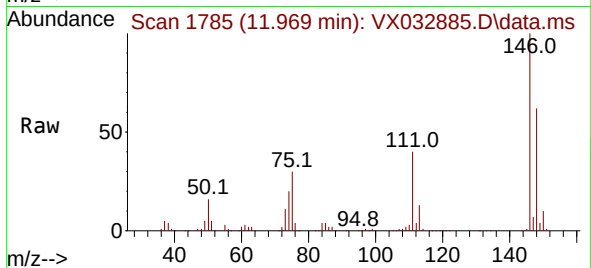
148 62.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#88

1,4-Dichlorobenzene

Concen: 48.972 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

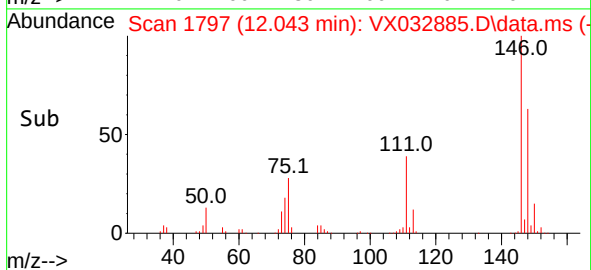
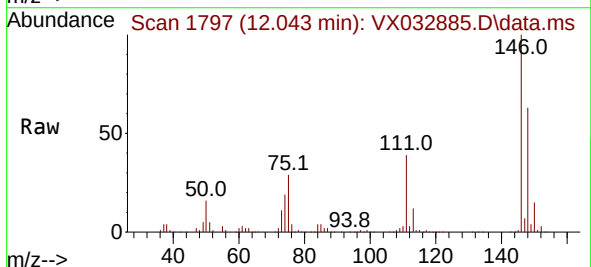
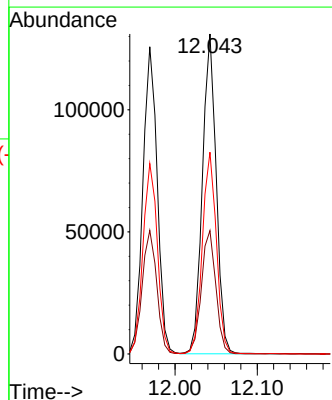
Tgt Ion:146 Resp: 152913

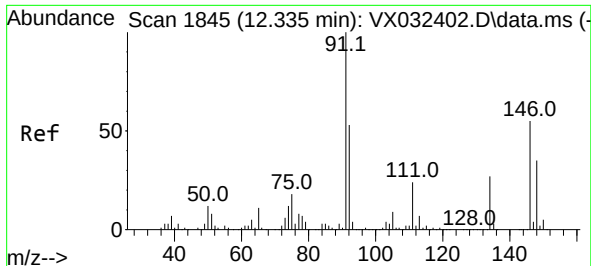
Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 64.3 32.2 96.6





#89

n-Butylbenzene

Concen: 46.660 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032885.D

Acq: 16 Nov 2022 21:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 23016

Ion Ratio Lower Upper

91 100

92 52.7 26.2 78.6

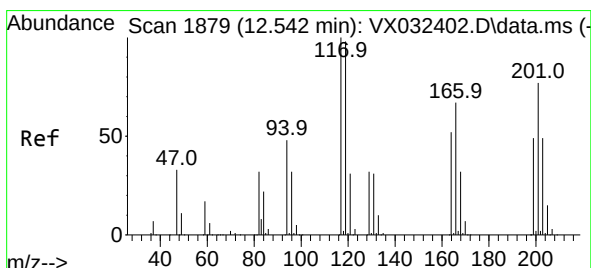
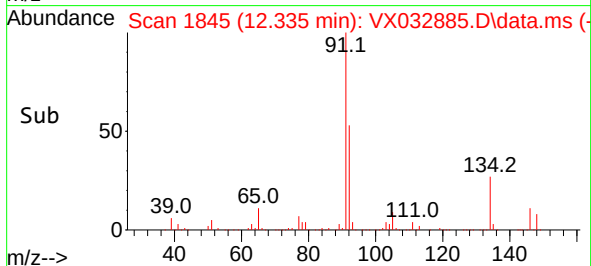
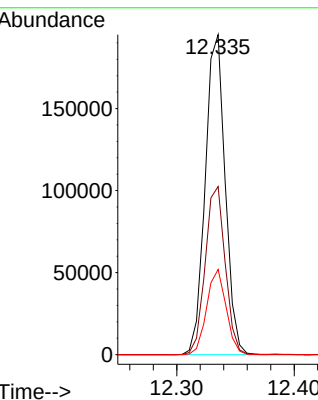
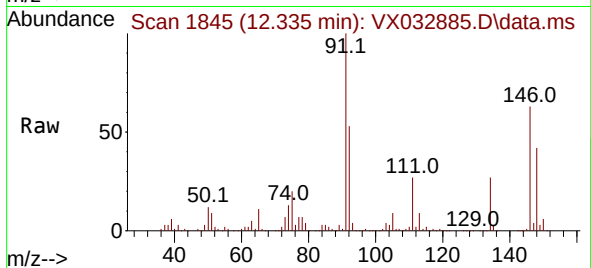
134 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2022

Supervised By :Mahesh Dadoda 11/17/2022



#90

Hexachloroethane

Concen: 49.894 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX032885.D

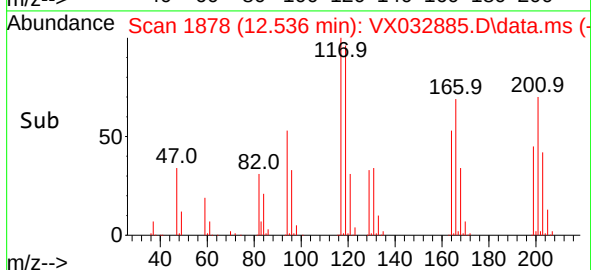
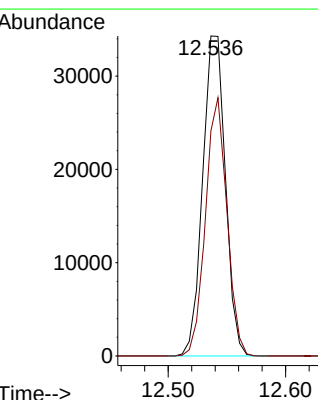
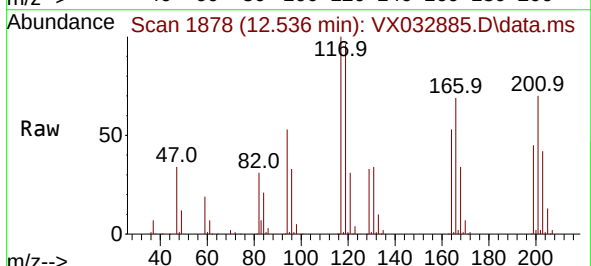
Acq: 16 Nov 2022 21:48

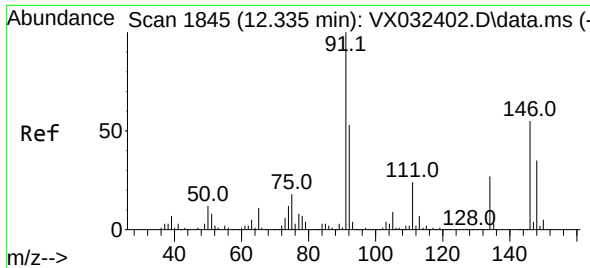
Tgt Ion:117 Resp: 46209

Ion Ratio Lower Upper

117 100

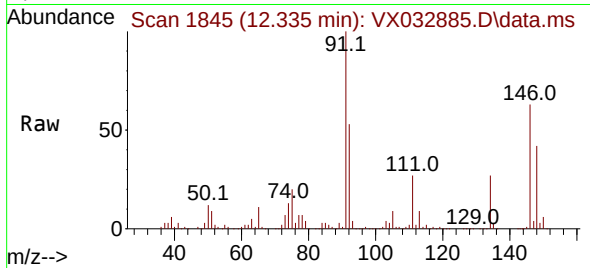
201 76.1 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 51.419 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

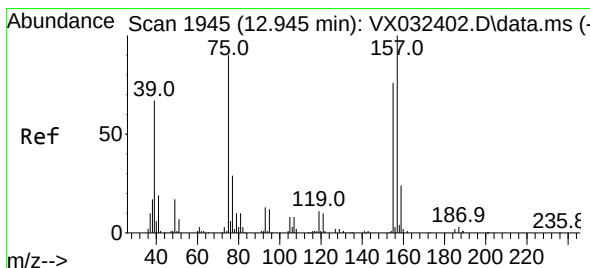
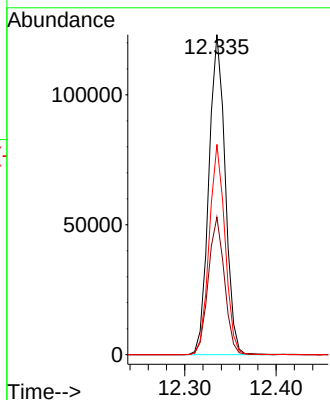
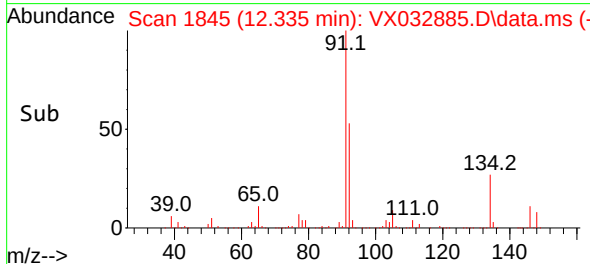
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



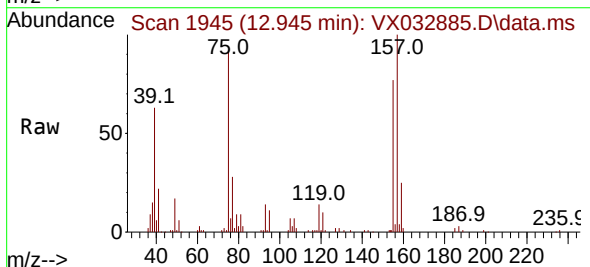
Tgt Ion:146 Resp: 152598
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 63.5 32.0 96.2

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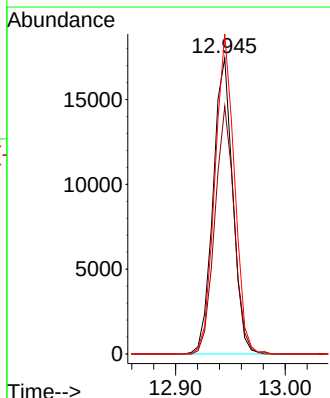
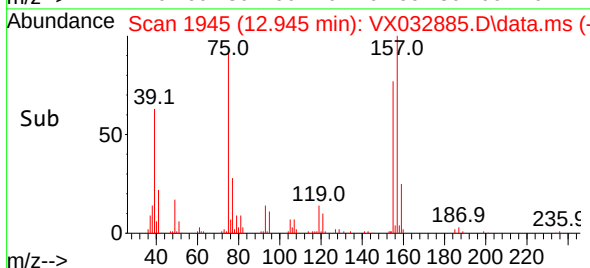
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

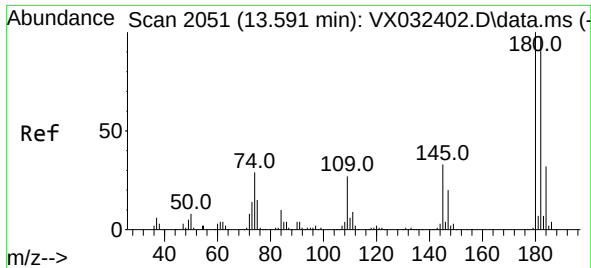


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.631 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



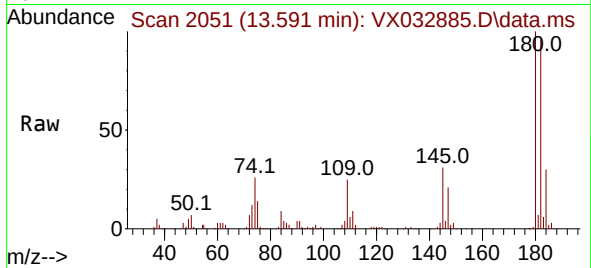
Tgt Ion: 75 Resp: 21817
Ion Ratio Lower Upper
75 100
155 82.1 41.6 124.8
157 107.6 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 48.200 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

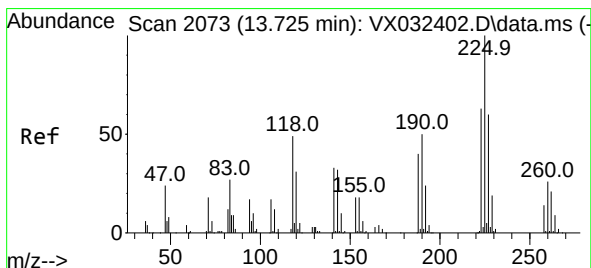
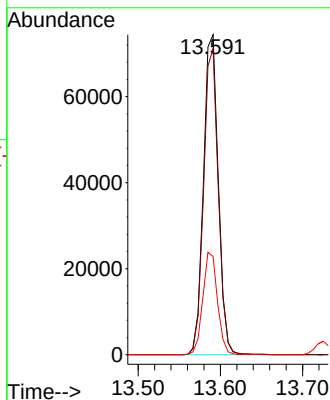
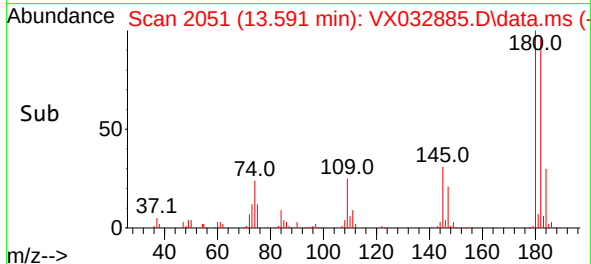
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



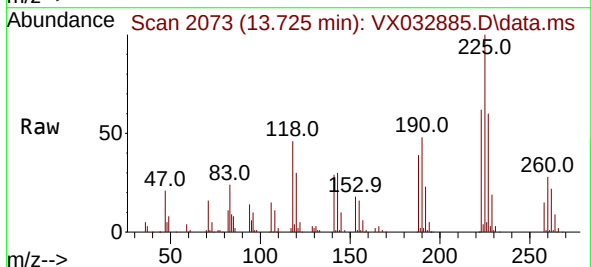
Tgt Ion:180 Resp: 9327
Ion Ratio Lower Upper
180 100
182 94.5 48.4 145.0
145 31.5 16.2 48.5

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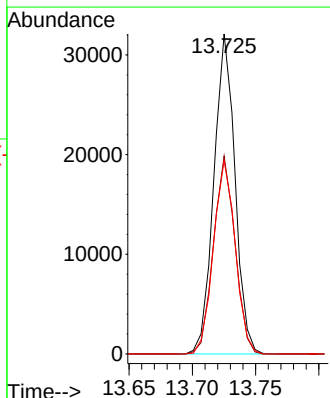
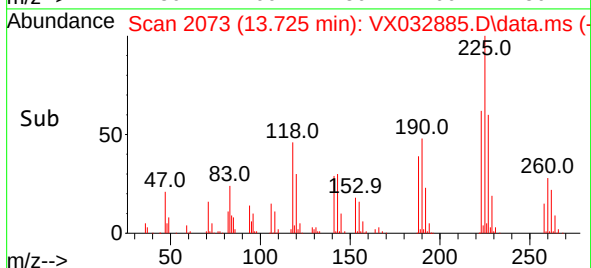
Reviewed By :John Carlone 11/17/2022
Supervised By :Mahesh Dadoda 11/17/2022

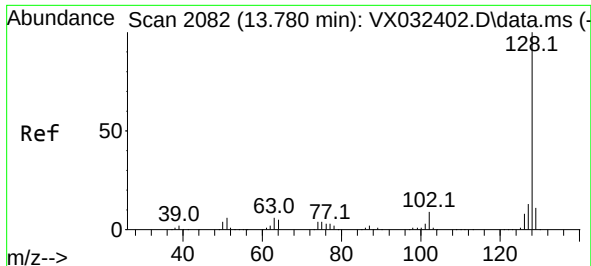


#94
Hexachlorobutadiene
Concen: 46.039 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48



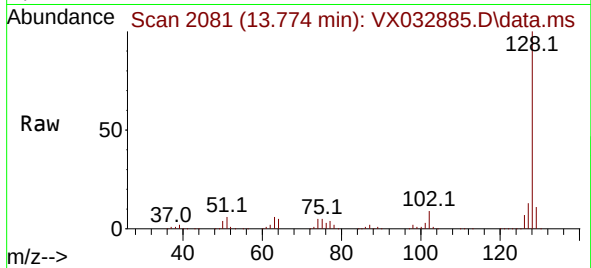
Tgt Ion:225 Resp: 37207
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 62.4 31.9 95.5





#95
Naphthalene
Concen: 47.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

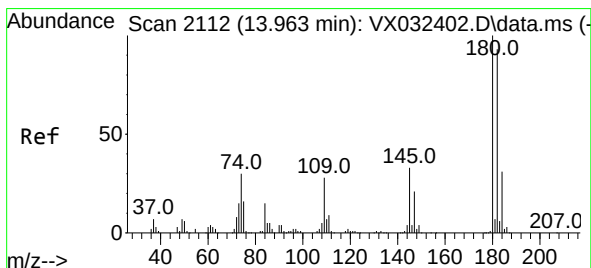
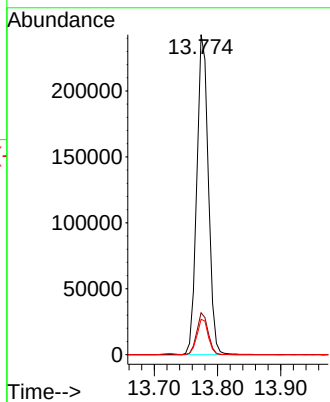
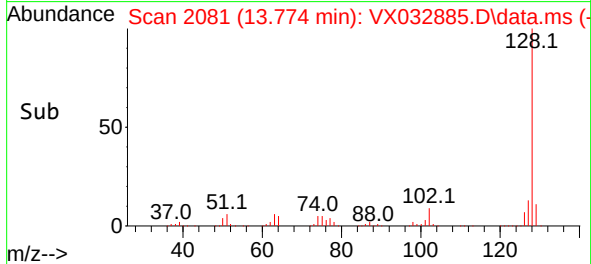
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 30876
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.011 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032885.D
Acq: 16 Nov 2022 21:48

Tgt Ion:180 Resp: 94440
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.6
145 33.0 16.9 50.6

