

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032940.D
 Acq On : 21 Nov 2022 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/25/2022

Quant Time: Nov 22 05:09:51 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	5.549	168	106253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	164050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80327	54.409	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.820%			
35) Dibromofluoromethane	5.385	113	67681	57.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.680%			
50) Toluene-d8	8.646	98	214490	52.713	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.420%			
62) 4-Bromofluorobenzene	11.079	95	92928	58.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51890	42.343	ug/l	95
3) Chloromethane	1.294	50	41818	40.350	ug/l	97
4) Vinyl Chloride	1.373	62	50565	44.332	ug/l	99
5) Bromomethane	1.617	94	45613	50.042	ug/l	100
6) Chloroethane	1.690	64	46629	60.939	ug/l	99
7) Trichlorofluoromethane	1.892	101	109085	50.475	ug/l	98
8) Diethyl Ether	2.129	74	37136	53.024	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	61650	54.047	ug/l	99
10) Methyl Iodide	2.452	142	67422	53.021	ug/l	100
11) Tert butyl alcohol	2.989	59	47086m	219.124	ug/l	
12) 1,1-Dichloroethene	2.318	96	52039	48.837	ug/l	96
13) Acrolein	2.239	56	61088	284.768	ug/l	100
14) Allyl chloride	2.666	41	88710	52.225	ug/l	98
15) Acrylonitrile	3.062	53	140981	241.747	ug/l	99
16) Acetone	2.385	43	165958	309.284	ug/l	100
17) Carbon Disulfide	2.513	76	102170	40.256	ug/l	99
18) Methyl Acetate	2.702	43	92581	53.057	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	216791	57.885	ug/l	99
20) Methylene Chloride	2.788	84	62821	51.062	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	58042	50.041	ug/l	99
22) Diisopropyl ether	3.757	45	217936	59.317	ug/l	99
23) Vinyl Acetate	3.714	43	803728	270.765	ug/l	100
24) 1,1-Dichloroethane	3.605	63	117923	55.800	ug/l	98
25) 2-Butanone	4.556	43	212668	255.818	ug/l	97
26) 2,2-Dichloropropane	4.476	77	103590	61.664	ug/l	100
27) cis-1,2-Dichloroethene	4.482	96	74619	55.657	ug/l	97
28) Bromochloromethane	4.891	49	35177	46.731	ug/l	97
29) Tetrahydrofuran	5.007	42	121459	229.122	ug/l	100
30) Chloroform	5.092	83	136792	58.989	ug/l	97
31) Cyclohexane	5.470	56	86281	48.200	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	121026	58.160	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86895	53.325	ug/l	99
37) Ethyl Acetate	4.708	43	79815	47.055	ug/l	99
38) Carbon Tetrachloride	5.677	117	105116	58.159	ug/l	98
39) Methylcyclohexane	7.378	83	95498	49.532	ug/l	97
40) Benzene	6.037	78	251319	54.501	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	47140	54.555	ug/l	98
42) 1,2-Dichloroethane	6.086	62	109758	58.227	ug/l	100
43) Isopropyl Acetate	6.336	43	140247	53.851	ug/l	100
44) Trichloroethene	7.122	130	71153	54.812	ug/l	94
45) 1,2-Dichloropropane	7.427	63	69537	58.744	ug/l	96
46) Dibromomethane	7.580	93	52030	57.313	ug/l	99
47) Bromodichloromethane	7.817	83	110983	64.504	ug/l	98
48) Methyl methacrylate	7.689	41	72113	53.613	ug/l	98
49) 1,4-Dioxane	7.701	88	21414	835.398	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	426717	260.126	ug/l	100
52) Toluene	8.720	92	169855	56.457	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112721	64.210	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	115817	61.682	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	76417	60.312	ug/l	99
56) Ethyl methacrylate	9.116	69	106281	58.289	ug/l	98
57) 1,3-Dichloropropane	9.305	76	118803	58.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	204974	233.466	ug/l	100
59) 2-Hexanone	9.427	43	322178	264.685	ug/l	99
60) Dibromochloromethane	9.518	129	89013	64.319	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78489	58.464	ug/l	98
64) Tetrachloroethene	9.274	164	61145	55.008	ug/l	98
65) Chlorobenzene	10.079	112	192940	56.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	80005	62.488	ug/l	99
67) Ethyl Benzene	10.195	91	347679	57.152	ug/l	100
68) m/p-Xylenes	10.299	106	268333	113.593	ug/l	100
69) o-Xylene	10.640	106	132777	57.811	ug/l	99
70) Styrene	10.652	104	229053	60.009	ug/l	99
71) Bromoform	10.798	173	63916	63.140	ug/l #	99
73) Isopropylbenzene	10.963	105	363233	53.041	ug/l	99
74) N-amyl acetate	10.841	43	130594	50.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	111537	50.741	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	101612m	52.850	ug/l	
77) Bromobenzene	11.201	156	89940	53.571	ug/l	98
78) n-propylbenzene	11.304	91	425333	53.908	ug/l	100
79) 2-Chlorotoluene	11.365	91	254444	53.849	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	313174	53.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32216	53.318	ug/l	99
82) 4-Chlorotoluene	11.451	91	298380	53.966	ug/l	99
83) tert-Butylbenzene	11.713	119	320222	54.802	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	310595	53.355	ug/l	99
85) sec-Butylbenzene	11.890	105	383821	54.589	ug/l	100
86) p-Isopropyltoluene	12.012	119	324742	54.431	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	170475	53.829	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	172709	52.567	ug/l	99
89) n-Butylbenzene	12.335	91	284750	54.861	ug/l	100
90) Hexachloroethane	12.536	117	56216	57.687	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	170908	54.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	22378	46.431	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	108525	53.300	ug/l	99
94) Hexachlorobutadiene	13.725	225	47474	55.828	ug/l	98
95) Naphthalene	13.774	128	331605	48.877	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106764	51.583	ug/l	100

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

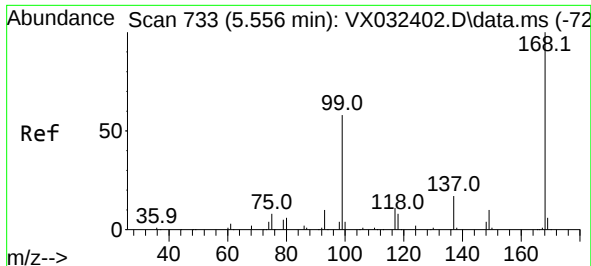
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

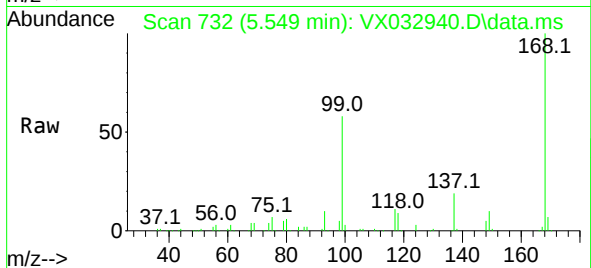
Quant Time: Nov 22 05:09:51 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX032940.D
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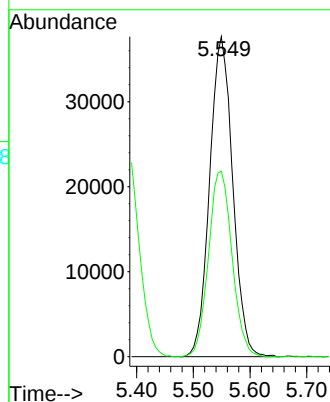
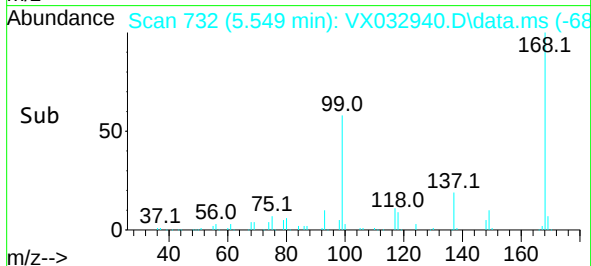
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 10625
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1

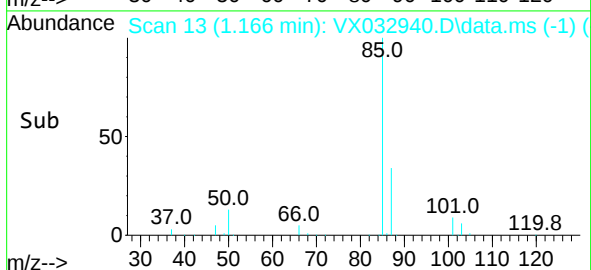
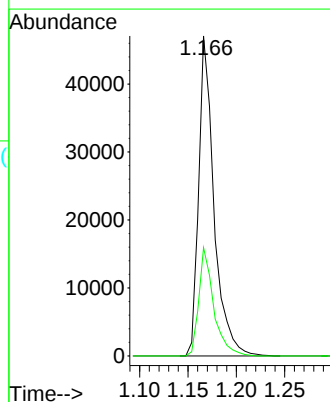
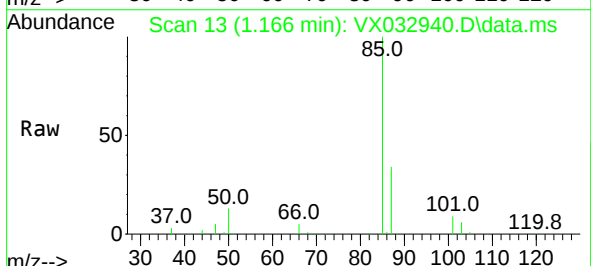
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#2
Dichlorodifluoromethane
Concen: 42.343 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

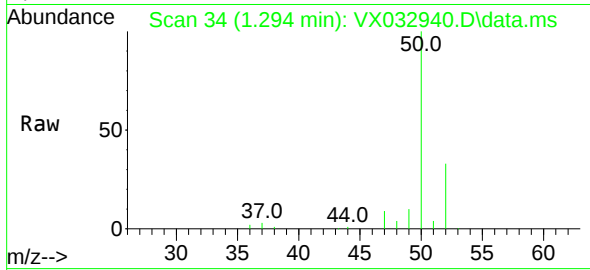
Tgt Ion: 85 Resp: 51890
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.7





#3
Chloromethane
Concen: 40.350 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

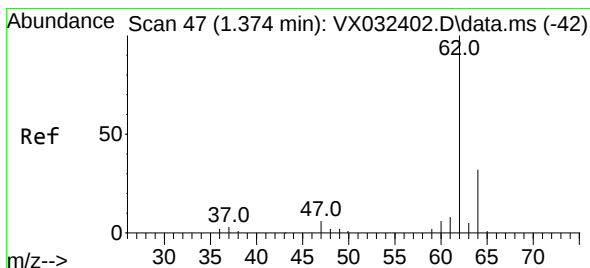
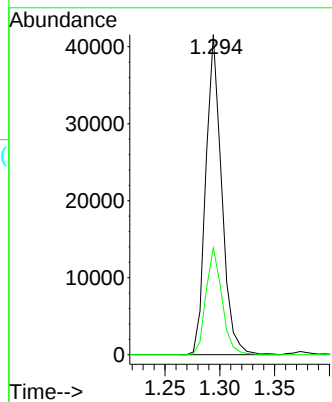
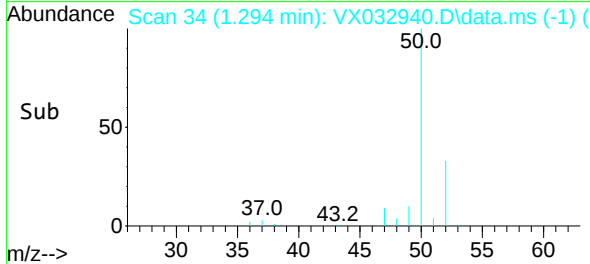
Instrument :
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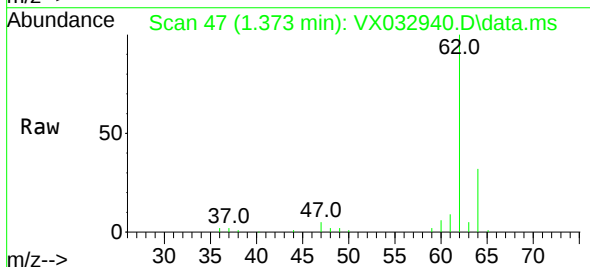
Tgt Ion: 50 Resp: 41818
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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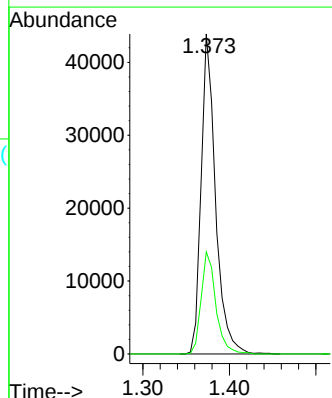
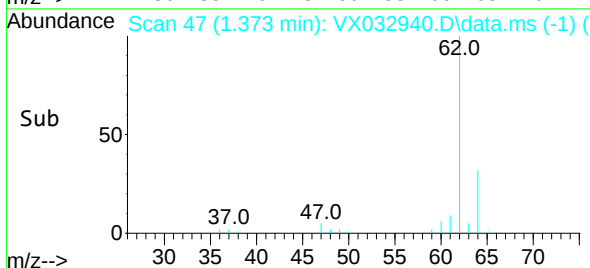
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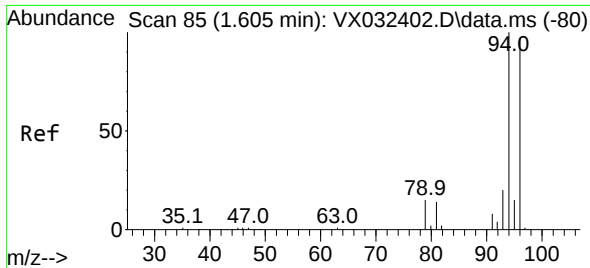


#4
Vinyl Chloride
Concen: 44.332 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



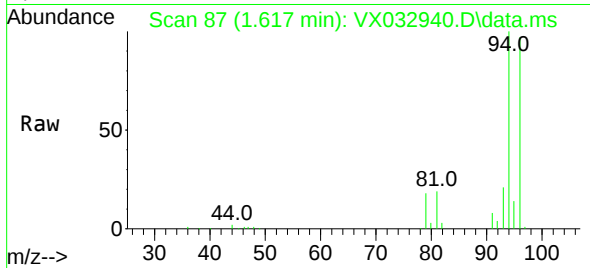
Tgt Ion: 62 Resp: 50565
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 50.042 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

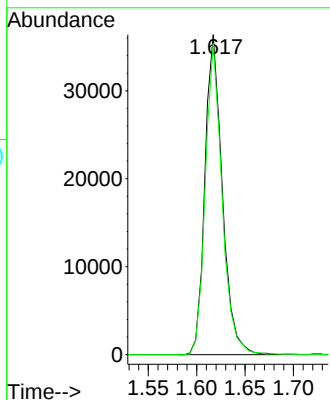
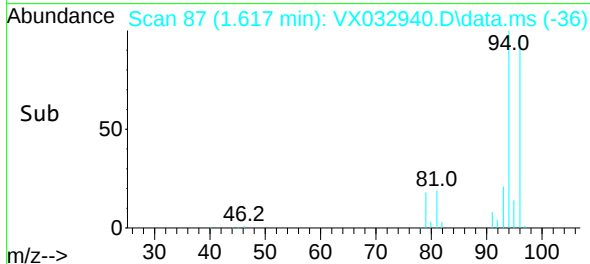
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 4561
Ion Ratio Lower Upper
94 100
96 97.2 77.6 116.4

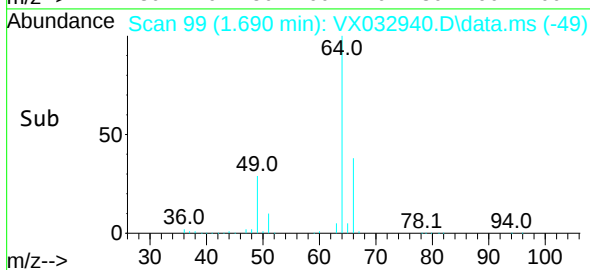
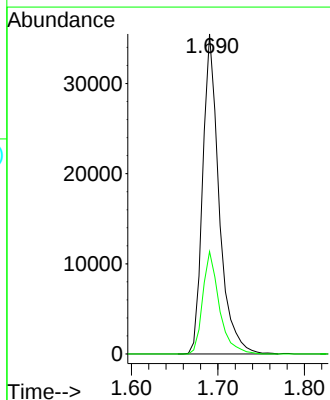
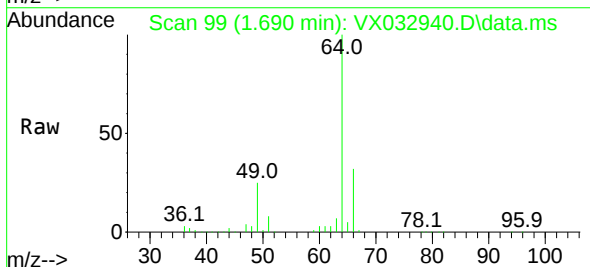
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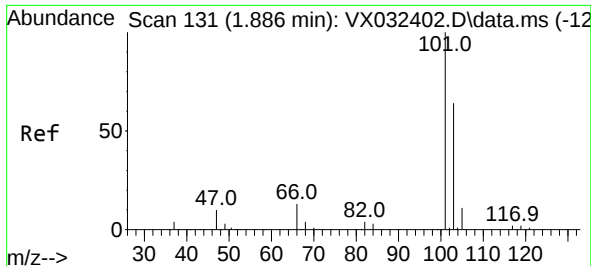
Reviewed By :John Carlone 11/22/2022
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#6
Chloroethane
Concen: 60.939 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

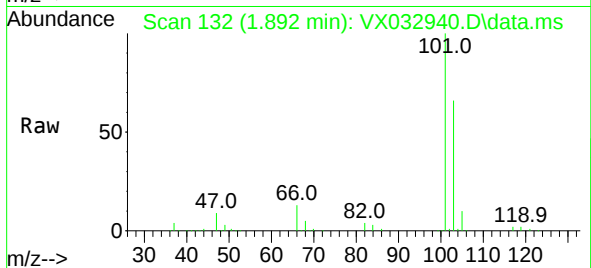
Tgt Ion: 64 Resp: 46629
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 50.475 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

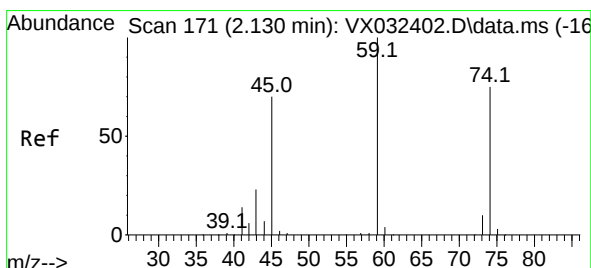
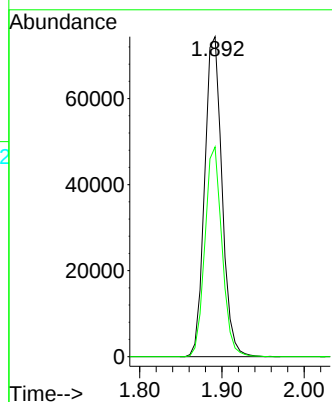
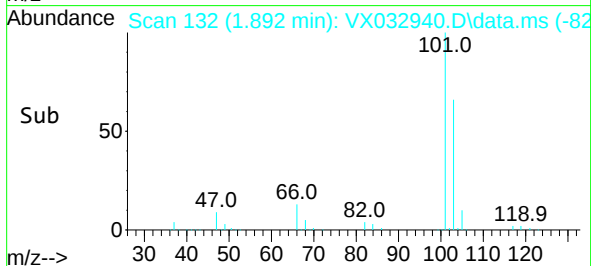
Instrument :
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Tgt Ion:101 Resp: 10908
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

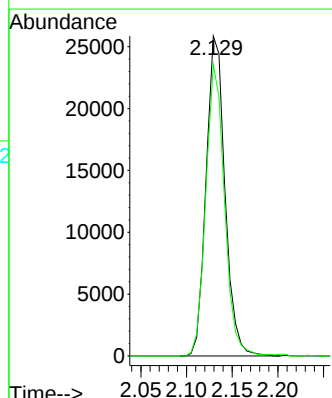
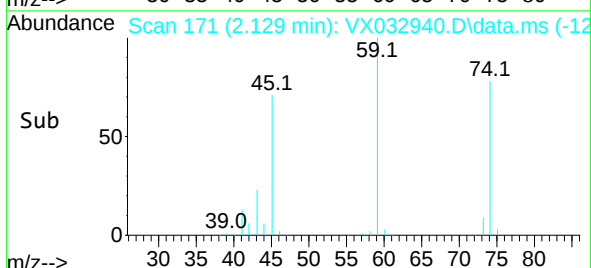
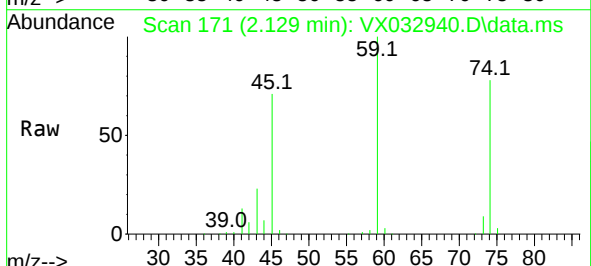
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#8
Diethyl Ether
Concen: 53.024 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

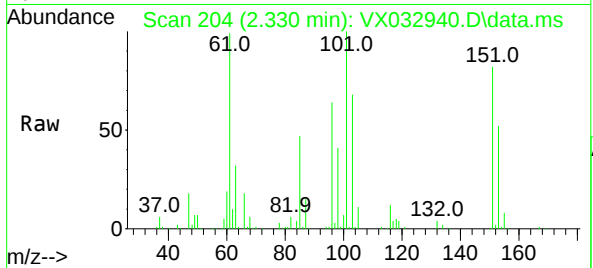
Tgt Ion: 74 Resp: 37136
Ion Ratio Lower Upper
74 100
45 90.2 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.047 ug/l
RT: 2.330 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032940.D
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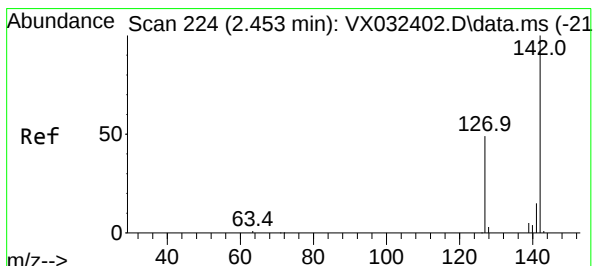
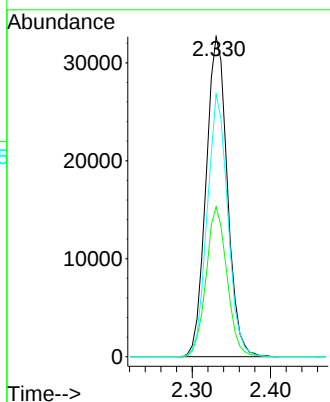
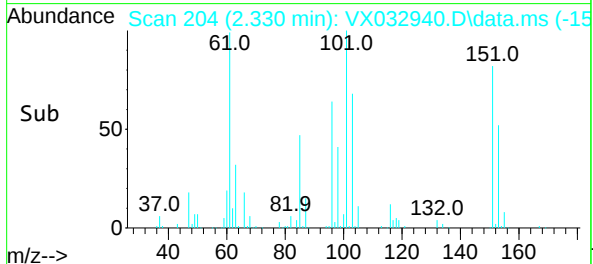
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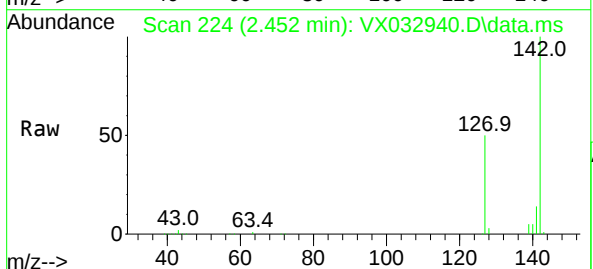
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Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 79.3 64.4 96.6

Manual Integrations
APPROVED

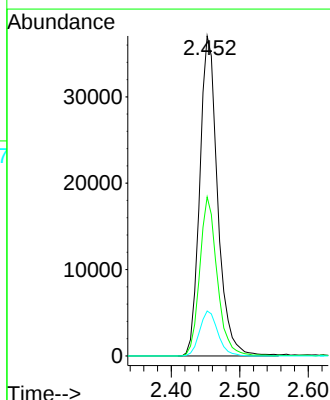
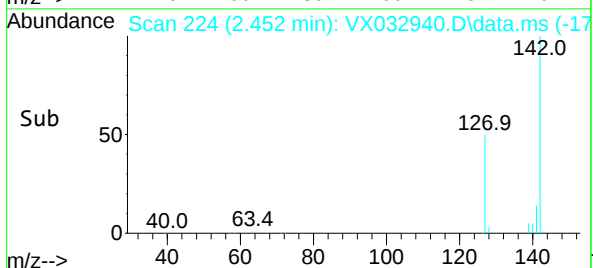
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

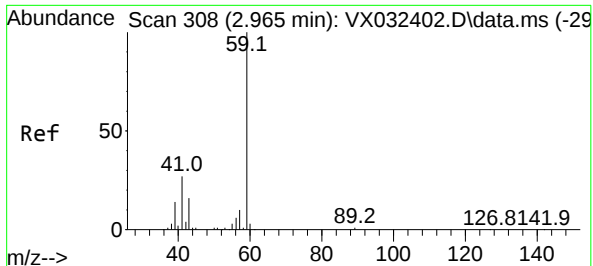


#10
Methyl Iodide
Concen: 53.021 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



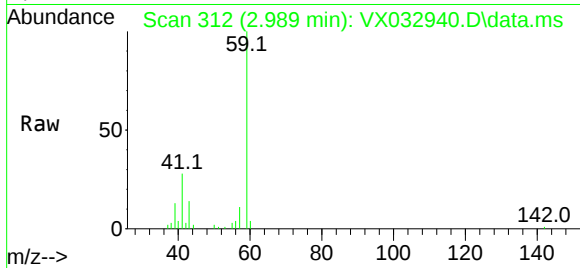
Tgt Ion:142 Resp: 67422
Ion Ratio Lower Upper
142 100
127 48.5 38.6 57.8
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 219.124 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

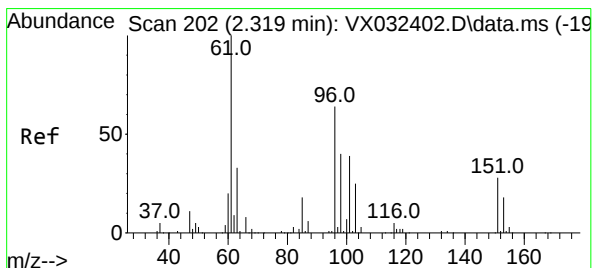
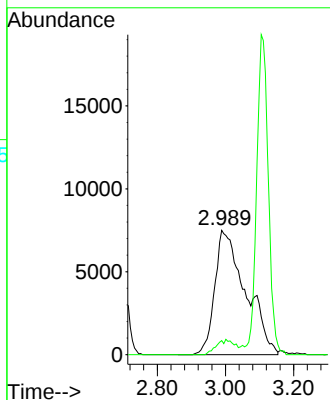
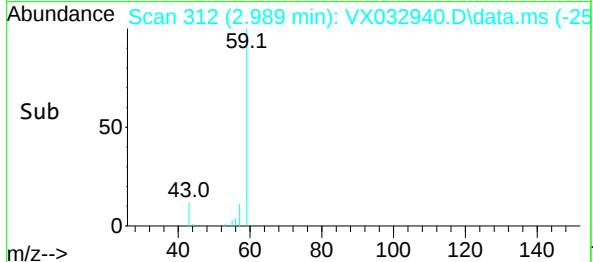
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 47080
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.4

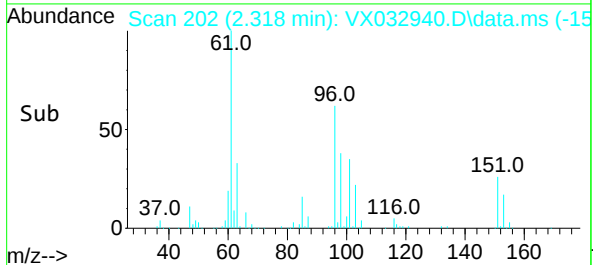
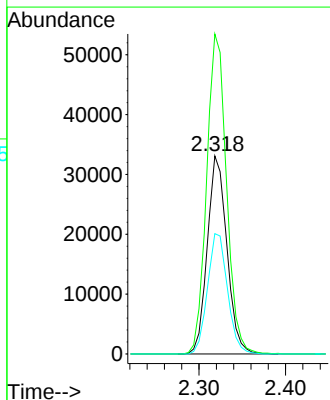
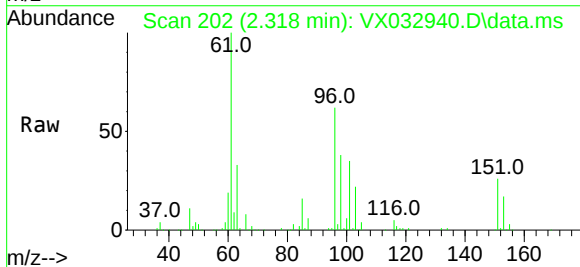
Manual Integrations
APPROVED

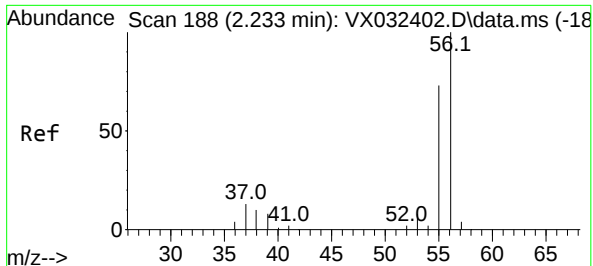
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#12
1,1-Dichloroethene
Concen: 48.837 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

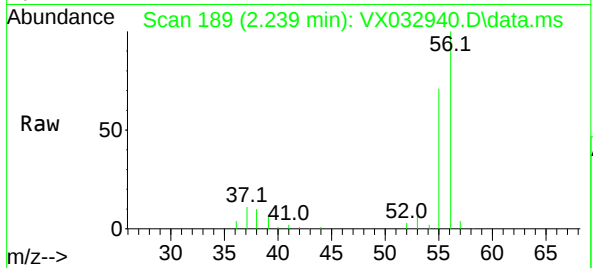
Tgt Ion: 96 Resp: 52039
Ion Ratio Lower Upper
96 100
61 161.6 125.1 187.7
98 60.8 50.6 76.0





#13
Acrolein
Concen: 284.768 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

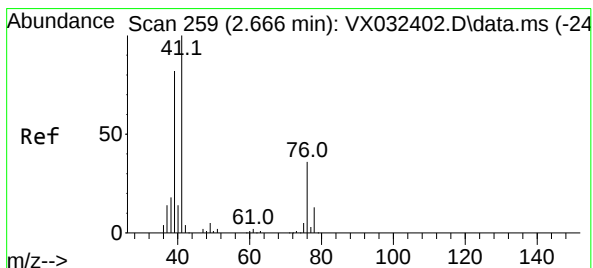
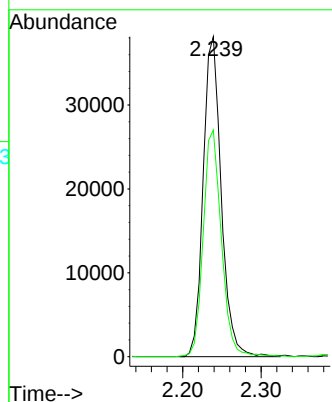
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 61088
Ion Ratio Lower Upper
56 100
55 71.2 56.9 85.3

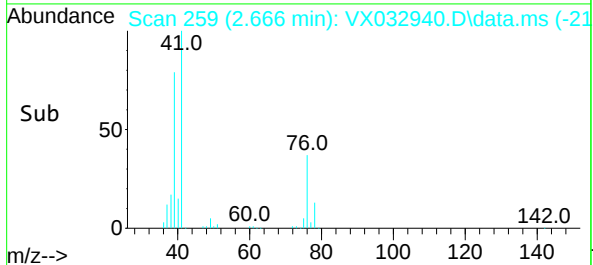
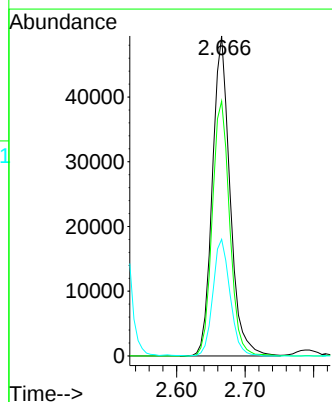
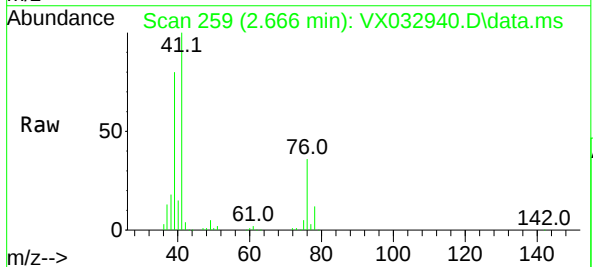
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#14
Allyl chloride
Concen: 52.225 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

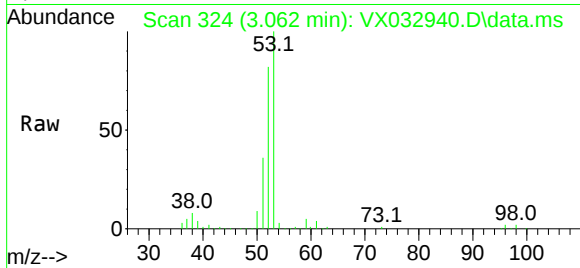
Tgt Ion: 41 Resp: 88710
Ion Ratio Lower Upper
41 100
39 78.1 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 241.747 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

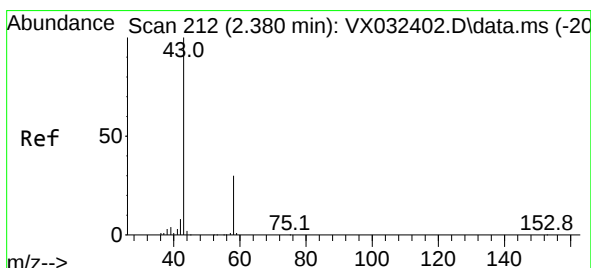
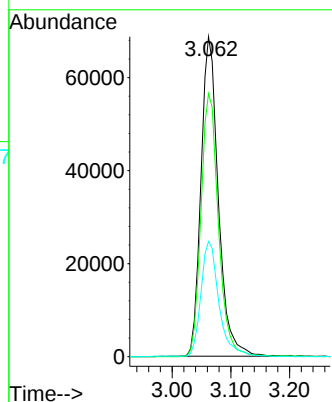
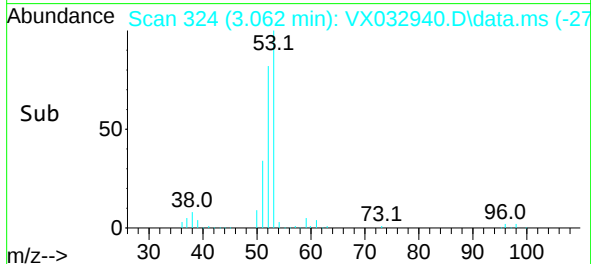
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



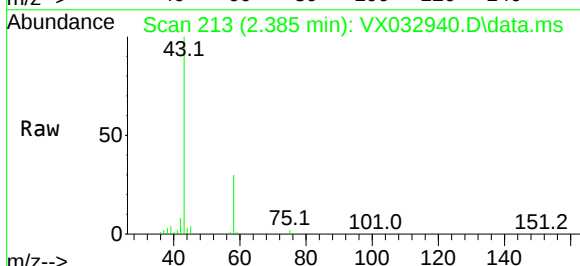
Tgt Ion: 53 Resp: 14098
Ion Ratio Lower Upper
53 100
52 82.9 67.4 101.0
51 37.8 30.3 45.5

Manual Integrations
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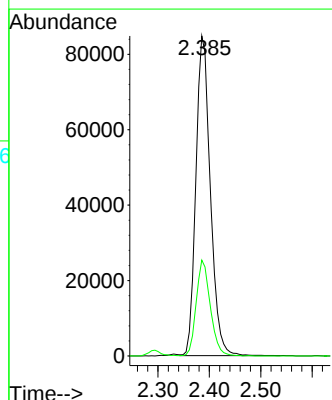
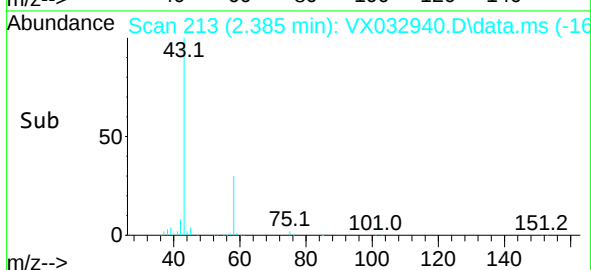
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

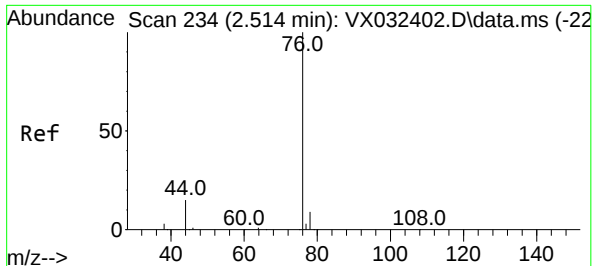


#16
Acetone
Concen: 309.284 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



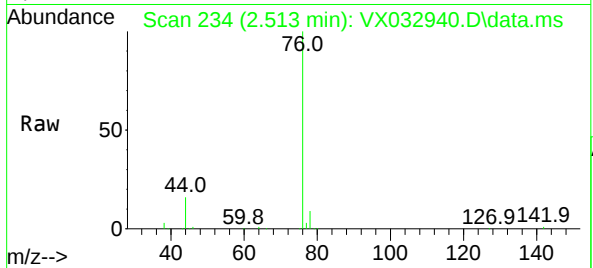
Tgt Ion: 43 Resp: 165958
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.8





#17
Carbon Disulfide
Concen: 40.256 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

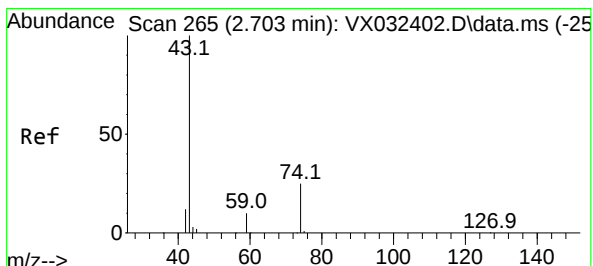
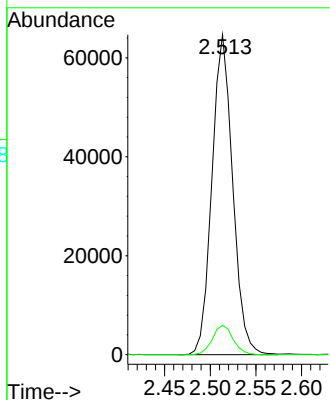
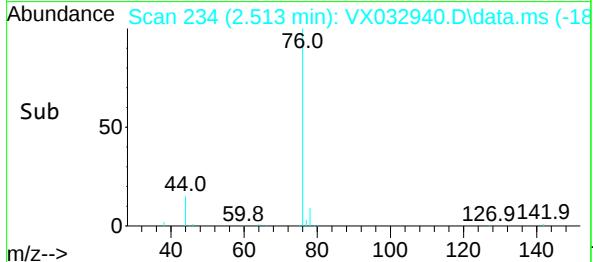
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



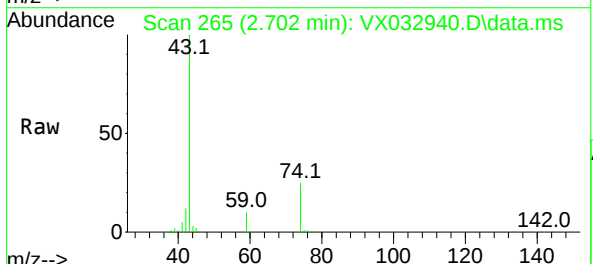
Tgt Ion: 76 Resp: 102170
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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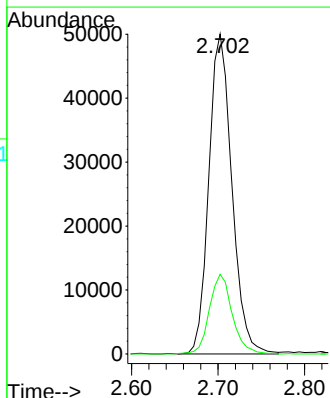
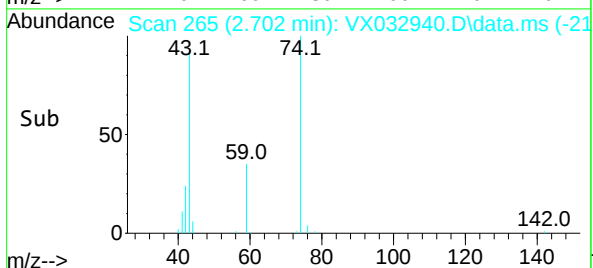
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#18
Methyl Acetate
Concen: 53.057 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion: 43 Resp: 92581
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0





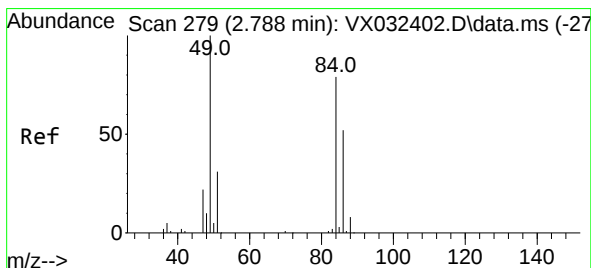
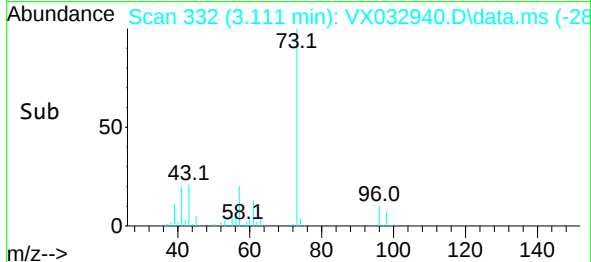
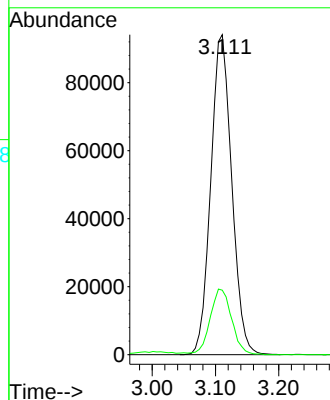
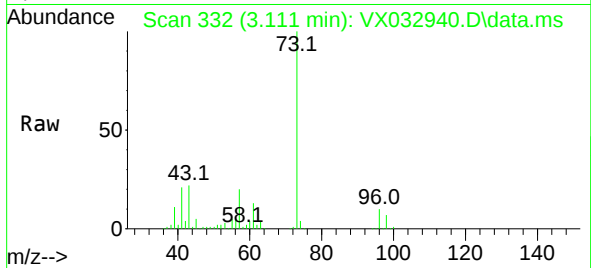
#19
Methyl tert-butyl Ether
Concen: 57.885 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21679
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0

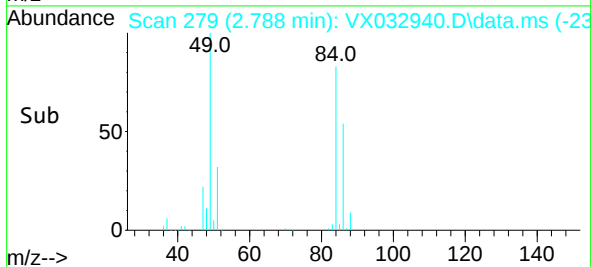
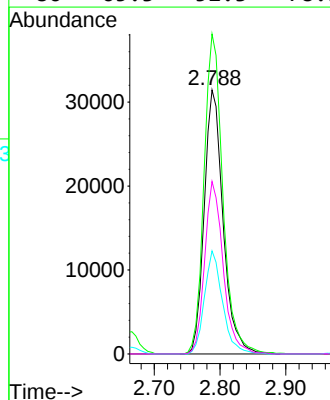
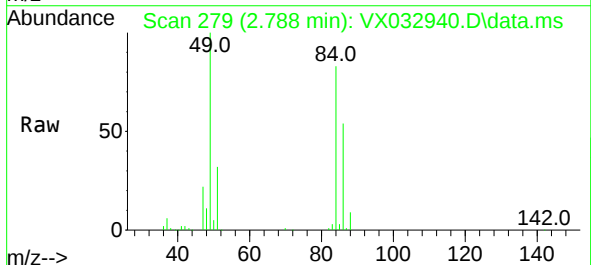
Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#20
Methylene Chloride
Concen: 51.062 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

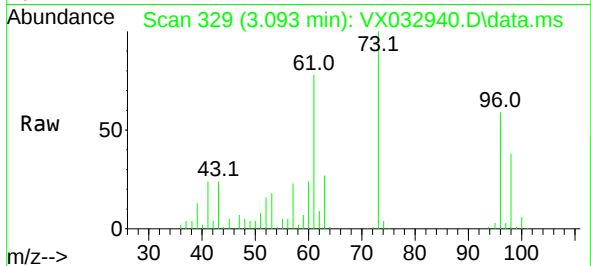
Tgt Ion: 84 Resp: 62821
Ion Ratio Lower Upper
84 100
49 121.2 101.0 151.6
51 39.0 31.1 46.7
86 65.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.041 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

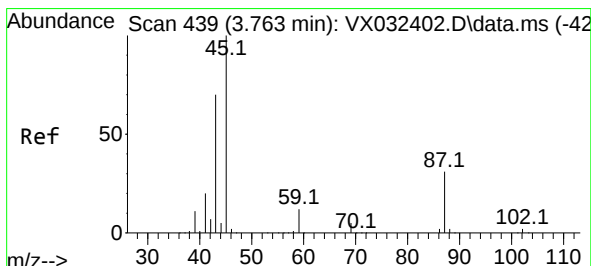
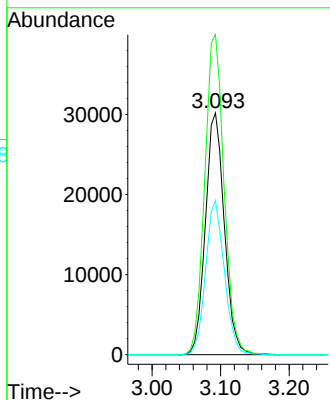
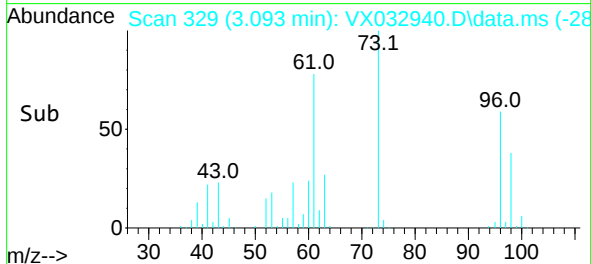
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



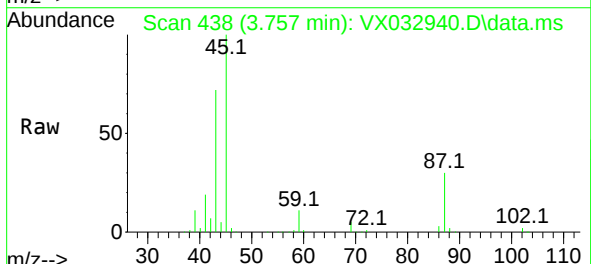
Tgt Ion: 96 Resp: 5804
Ion Ratio Lower Upper
96 100
61 132.3 106.6 160.0
98 63.8 51.0 76.6

Manual Integrations
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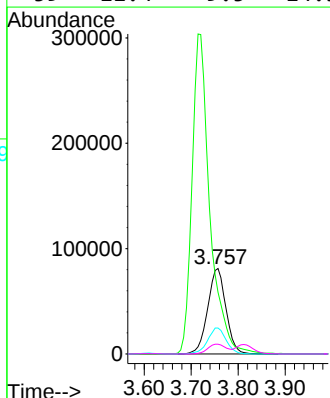
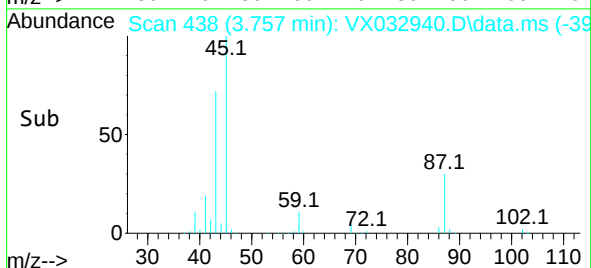
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#22
Diisopropyl ether
Concen: 59.317 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



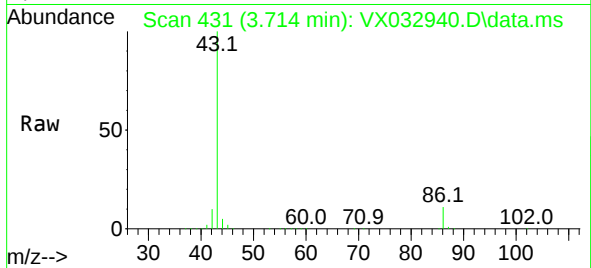
Tgt Ion: 45 Resp: 217936
Ion Ratio Lower Upper
45 100
43 71.3 56.4 84.6
87 30.3 24.4 36.6
59 11.4 9.5 14.3





#23
 Vinyl Acetate
 Concen: 270.765 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

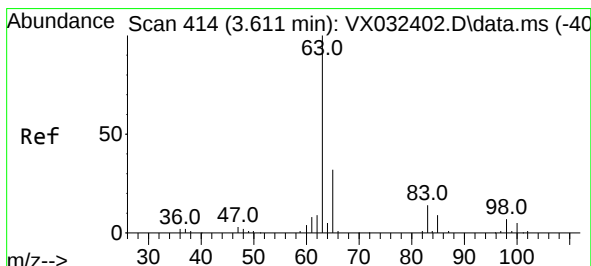
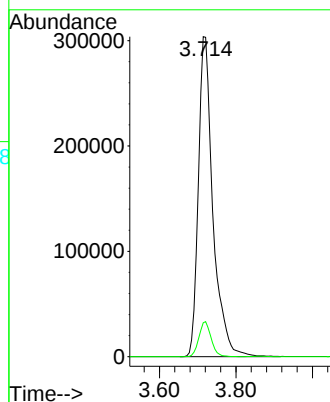
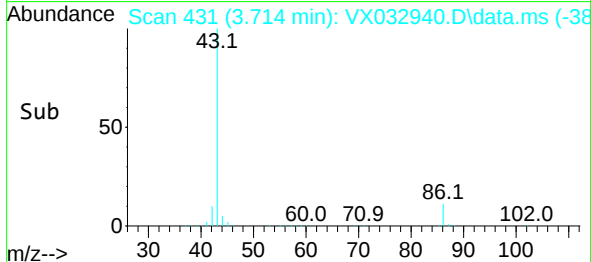
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



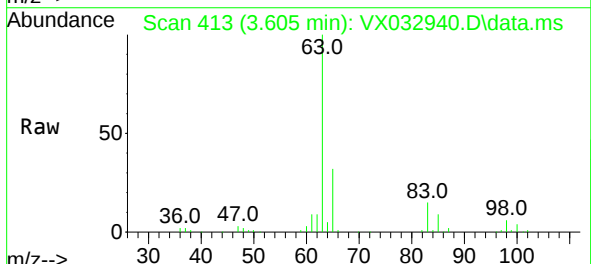
Tgt Ion: 43 Resp: 803728
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

Manual Integrations
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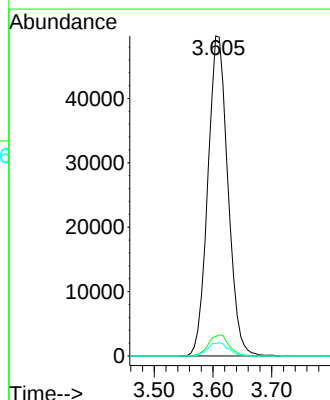
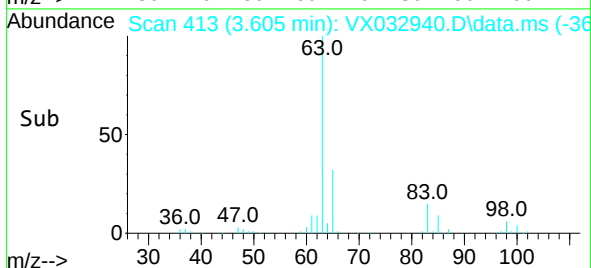
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022

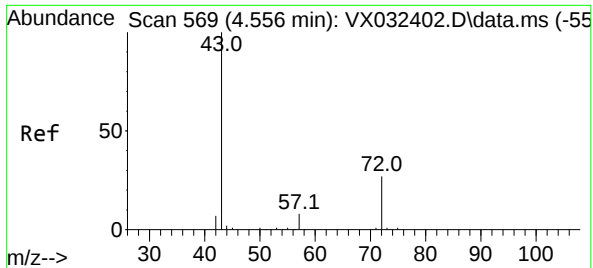


#24
 1,1-Dichloroethane
 Concen: 55.800 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18



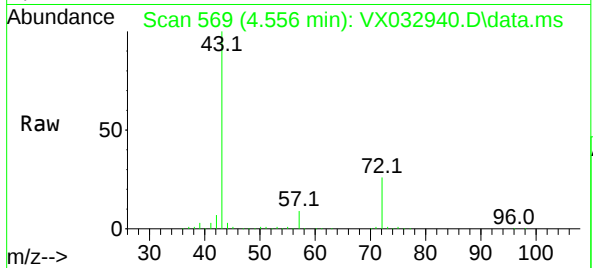
Tgt Ion: 63 Resp: 117923
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 3.9 2.3 6.8





#25
2-Butanone
Concen: 255.818 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

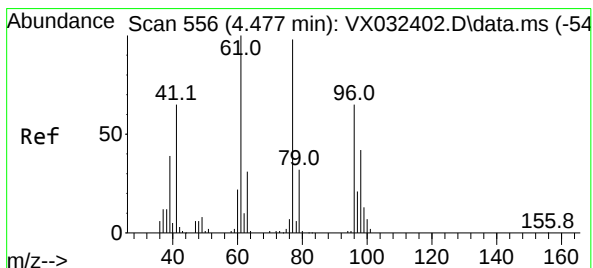
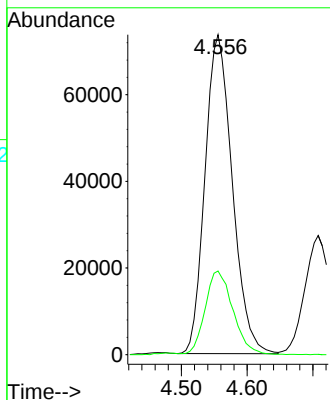
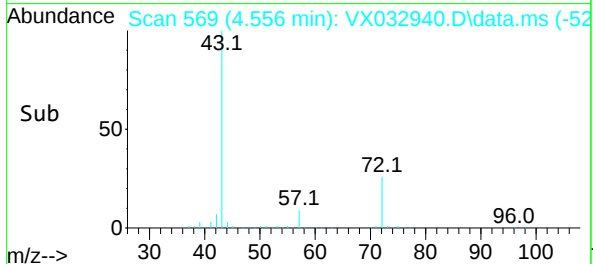
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



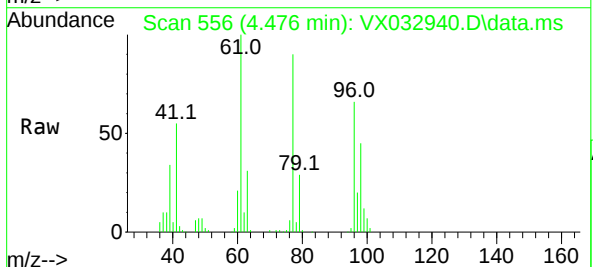
Tgt Ion: 43 Resp: 212668
Ion Ratio Lower Upper
43 100
72 26.1 22.2 33.2

Manual Integrations
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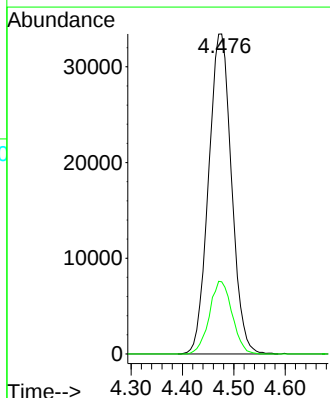
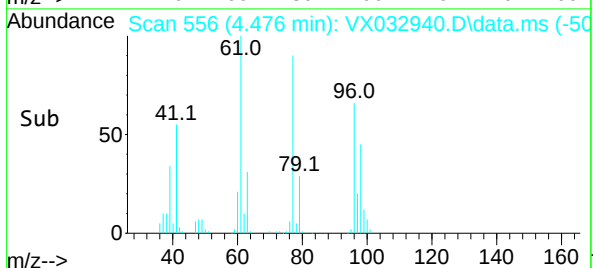
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

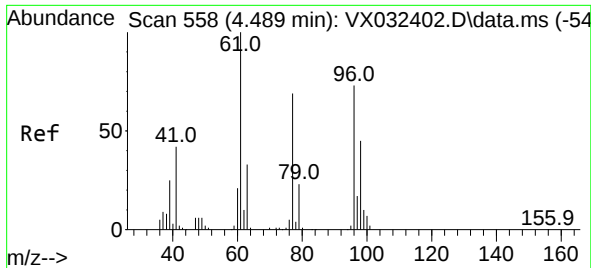


#26
2,2-Dichloropropane
Concen: 61.664 ug/l
RT: 4.476 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



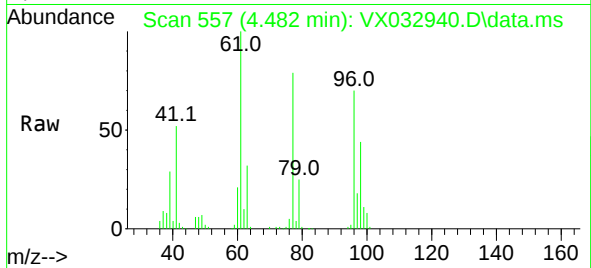
Tgt Ion: 77 Resp: 103590
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 55.657 ug/l
 RT: 4.482 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

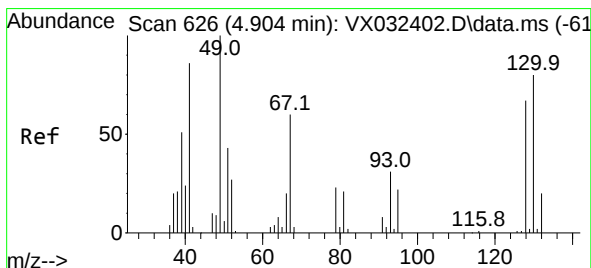
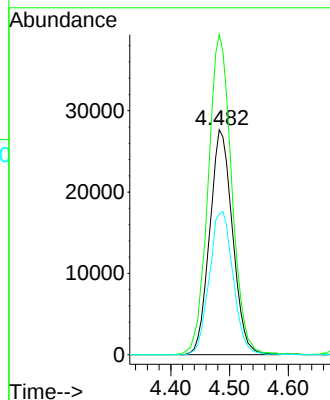
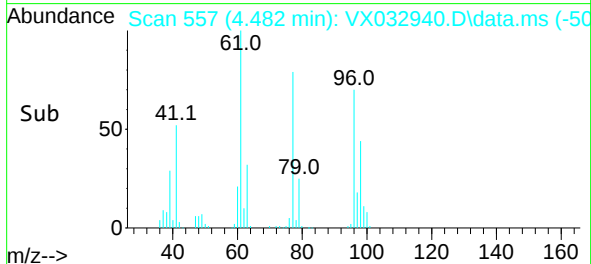
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 74619
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 286.0
 98 66.1 0.0 129.6

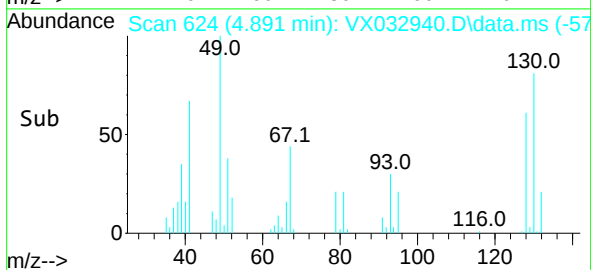
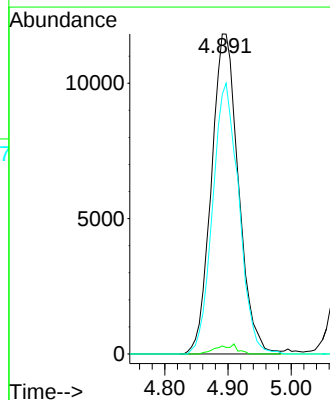
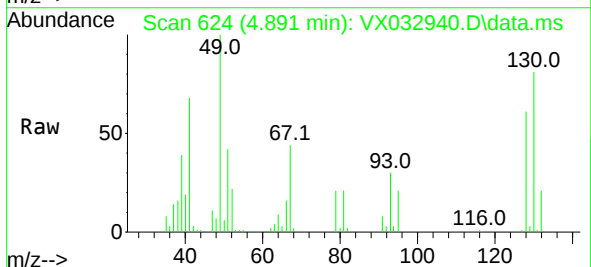
Manual Integrations
 APPROVED

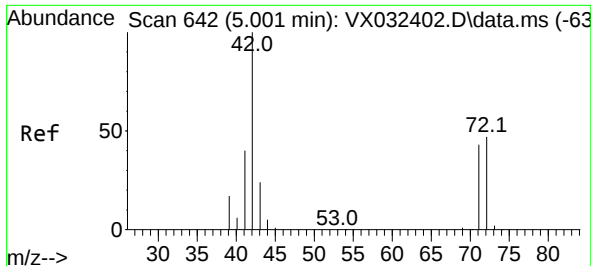
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#28
 Bromochloromethane
 Concen: 46.731 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.013 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

Tgt Ion: 49 Resp: 35177
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 81.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 229.122 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 121459

Ion Ratio Lower Upper

42 100

72 47.0 37.6 56.4

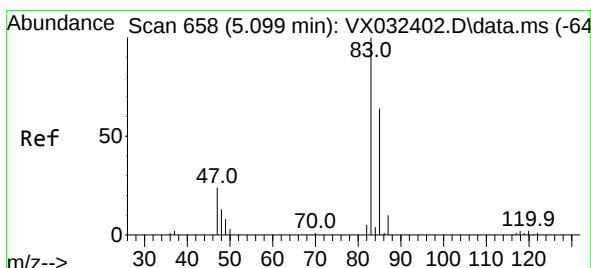
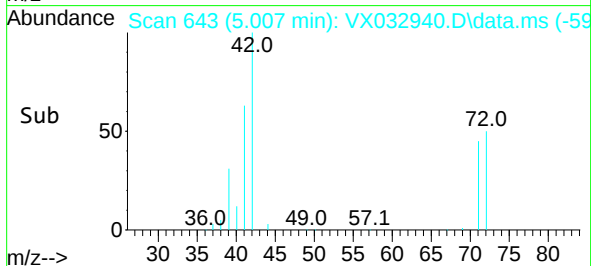
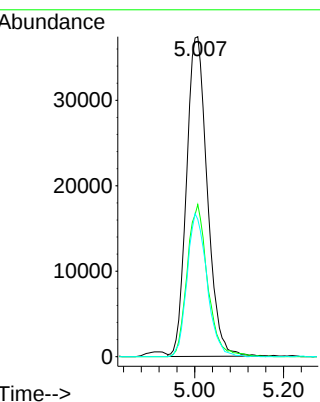
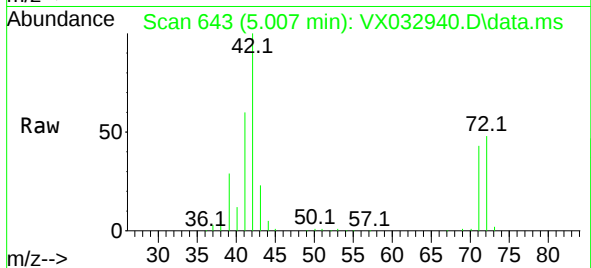
71 43.2 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#30

Chloroform

Concen: 58.989 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032940.D

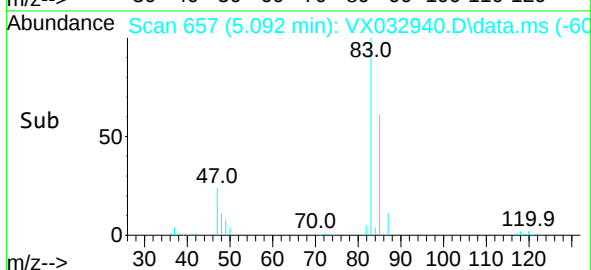
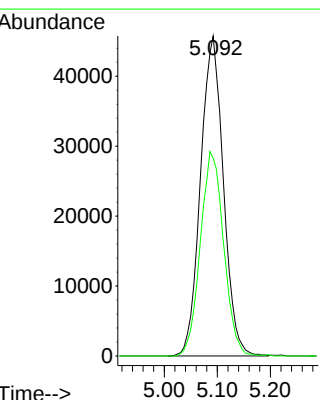
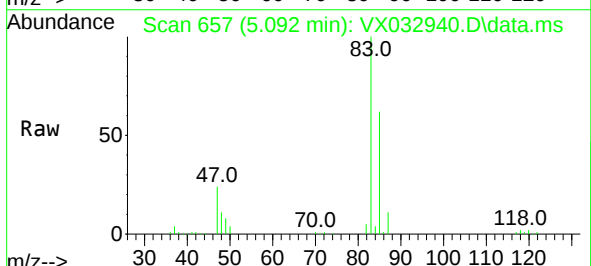
Acq: 21 Nov 2022 10:18

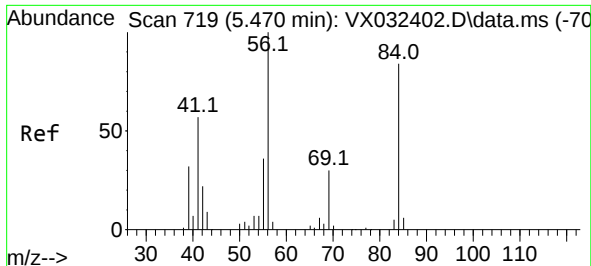
Tgt Ion: 83 Resp: 136792

Ion Ratio Lower Upper

83 100

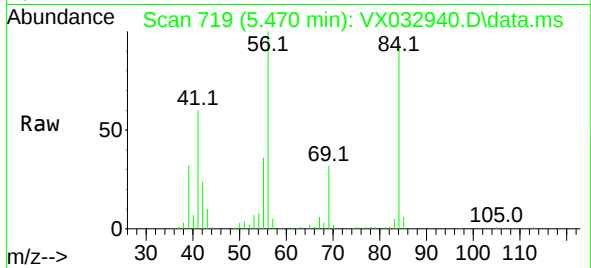
85 61.9 51.1 76.7





#31
Cyclohexane
Concen: 48.200 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

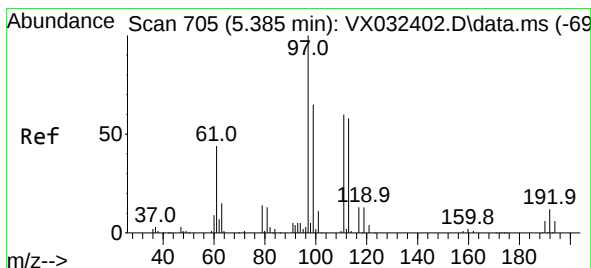
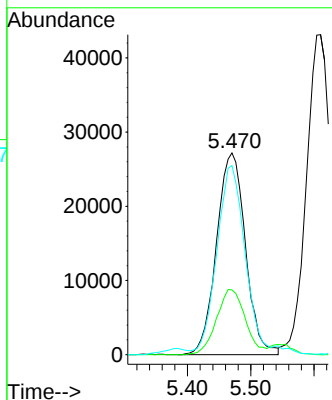
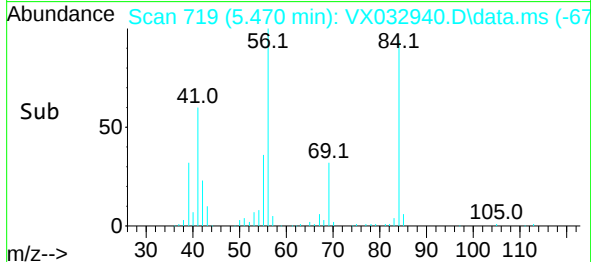
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



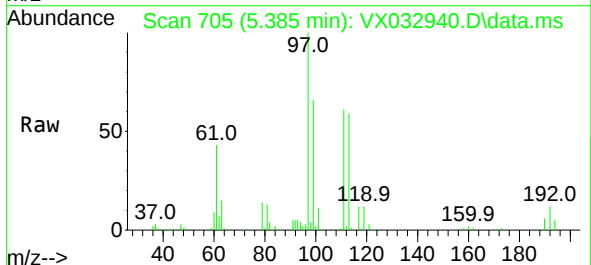
Tgt Ion: 56 Resp: 8628
Ion Ratio Lower Upper
56 100
69 32.1 24.1 36.1
84 90.6 66.9 100.3

Manual Integrations
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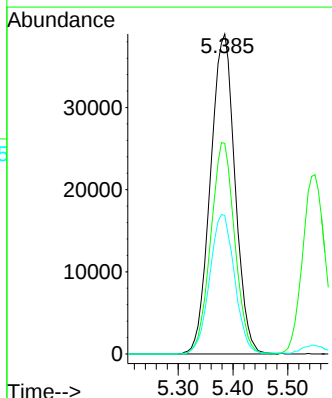
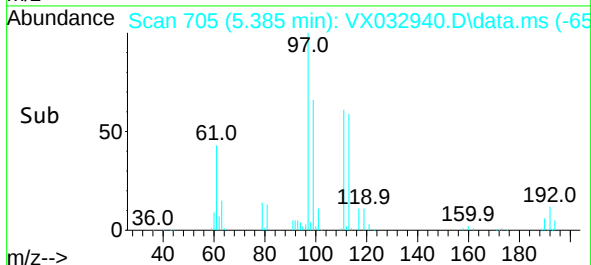
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

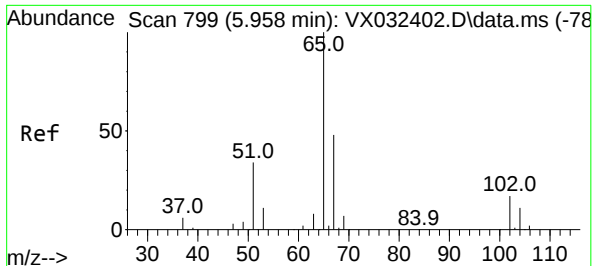


#32
1,1,1-Trichloroethane
Concen: 58.160 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion: 97 Resp: 121026
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 44.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.409 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8032

Ion Ratio Lower Upper

65 100

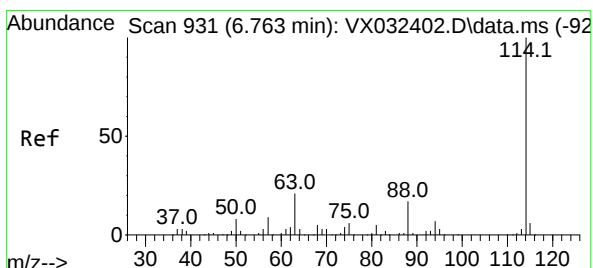
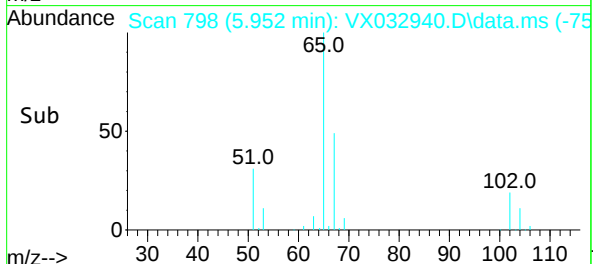
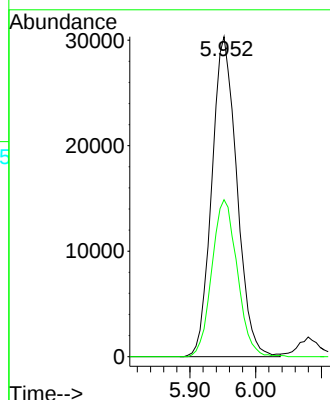
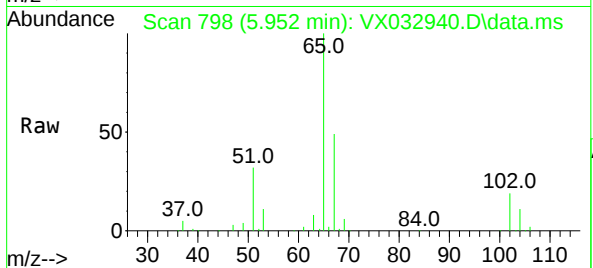
67 49.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.756 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

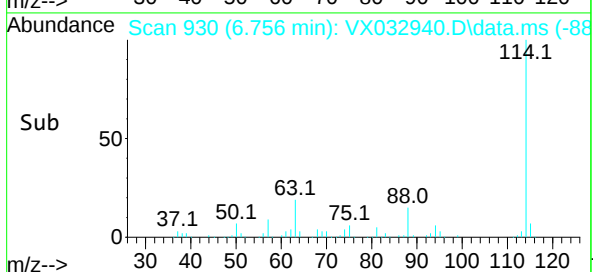
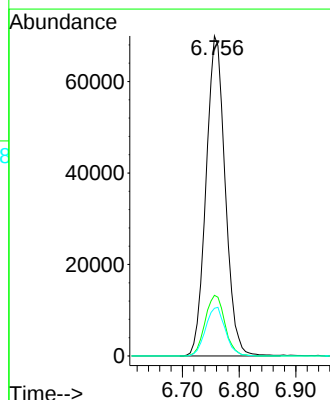
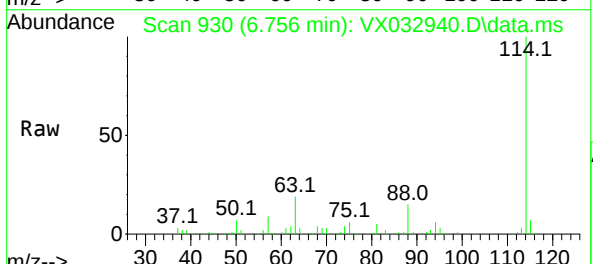
Tgt Ion:114 Resp: 164050

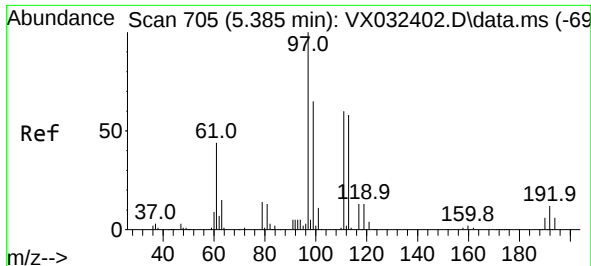
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 57.838 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 6768

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

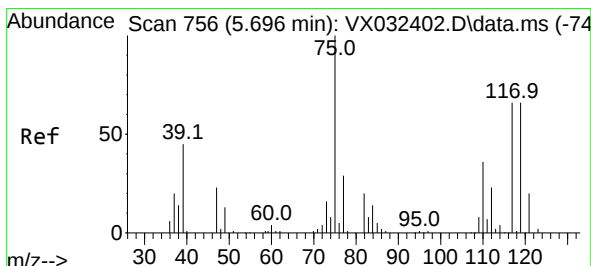
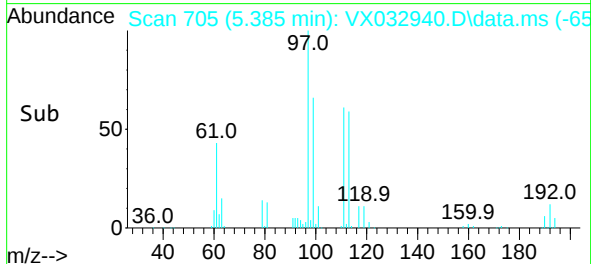
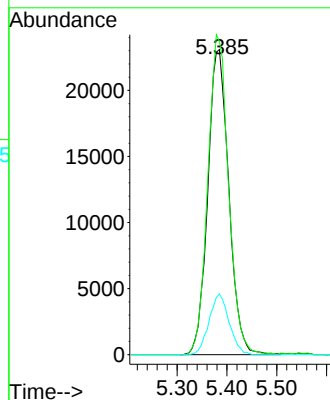
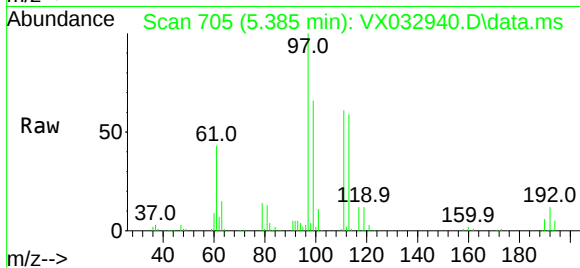
192 19.0 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#36

1,1-Dichloropropene

Concen: 53.325 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

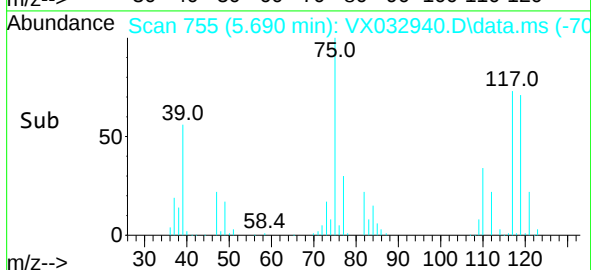
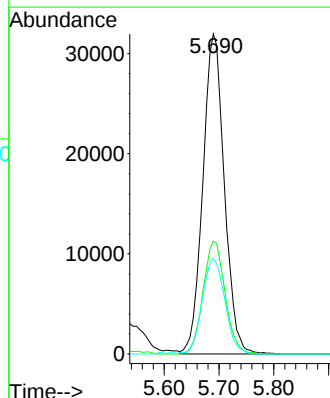
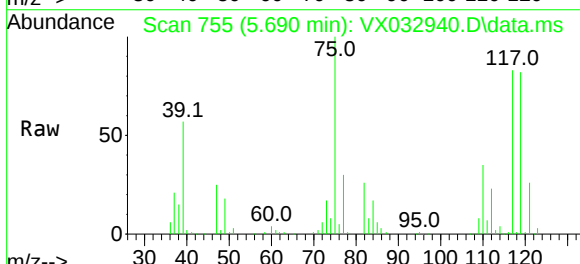
Tgt Ion: 75 Resp: 86895

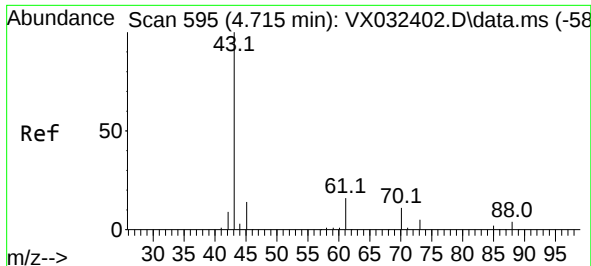
Ion Ratio Lower Upper

75 100

110 36.1 18.4 55.2

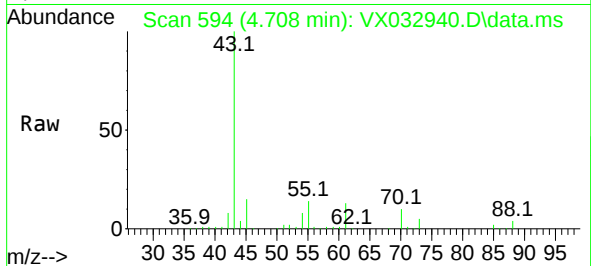
77 31.4 24.5 36.7





#37
Ethyl Acetate
Concen: 47.055 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

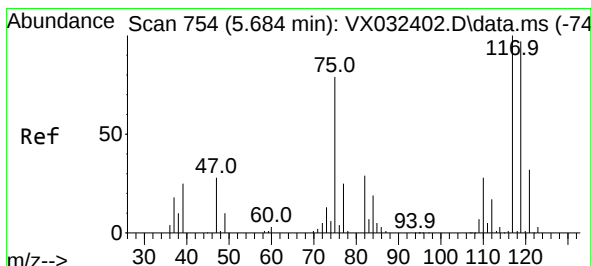
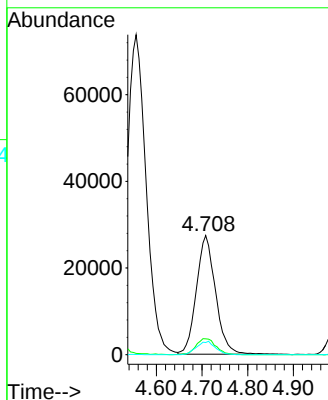
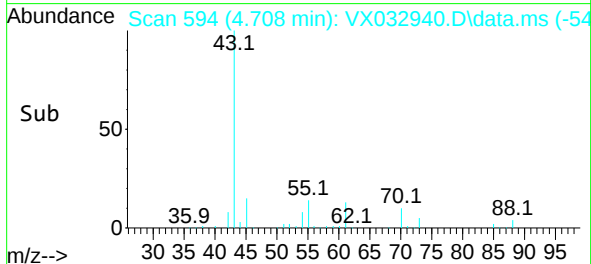
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



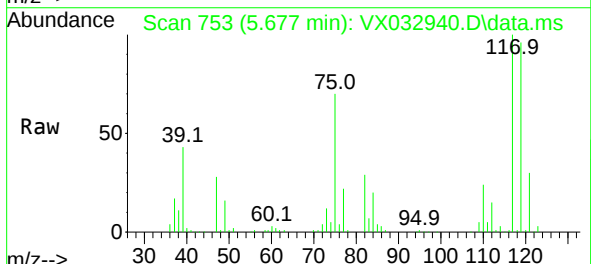
Tgt Ion: 43 Resp: 79815
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 11.0 9.1 13.7

Manual Integrations
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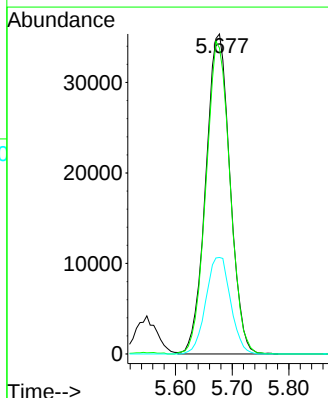
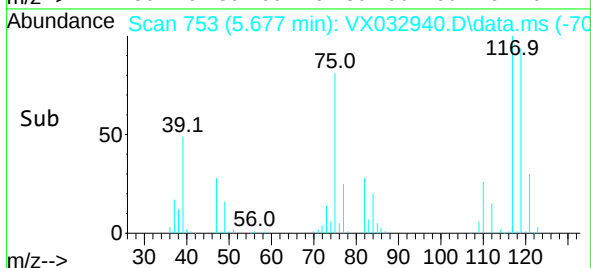
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

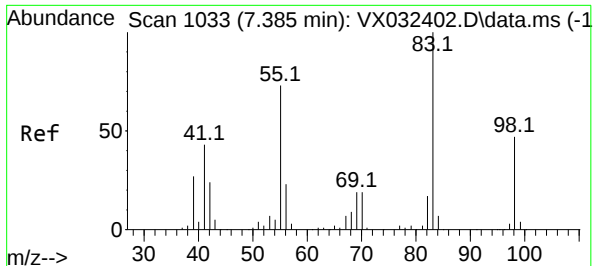


#38
Carbon Tetrachloride
Concen: 58.159 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion:117 Resp: 105116
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 49.532 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 95498

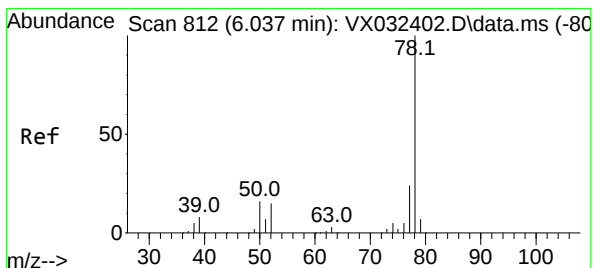
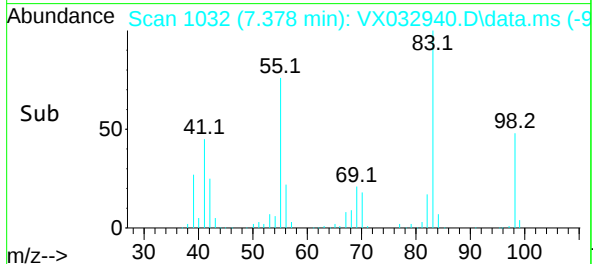
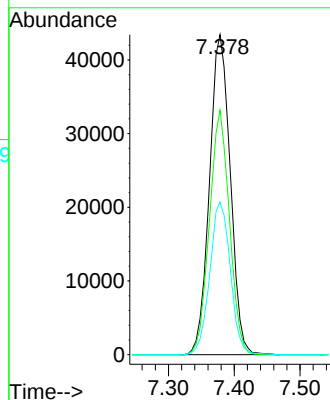
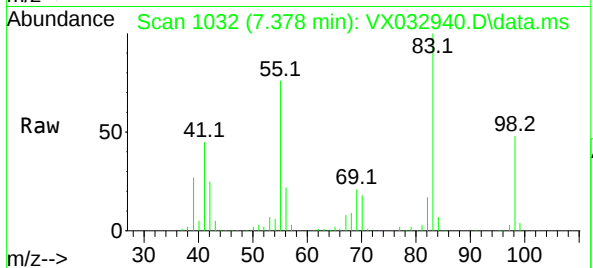
Ion	Ratio	Lower	Upper
83	100		
55	76.4	58.4	87.6
98	47.7	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#40

Benzene

Concen: 54.501 ug/l

RT: 6.037 min Scan# 812

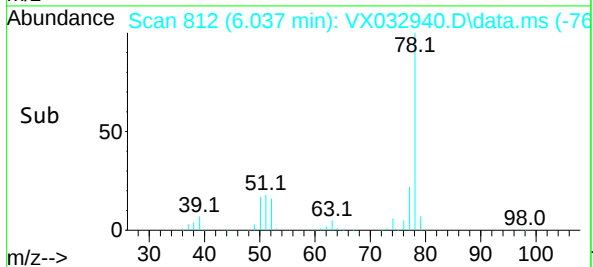
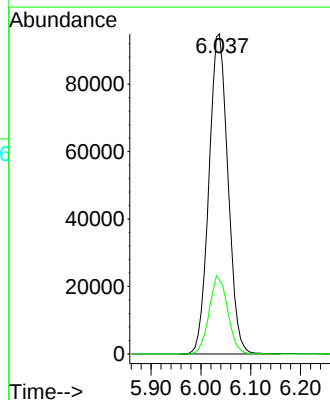
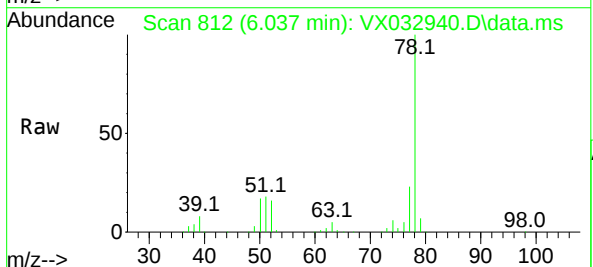
Delta R.T. -0.000 min

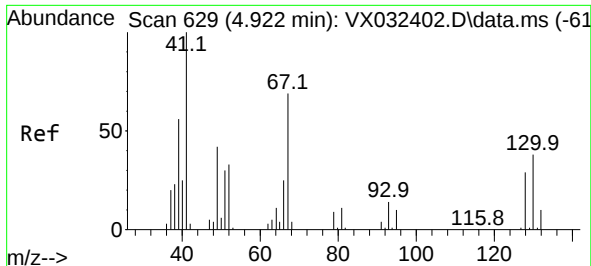
Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Tgt Ion: 78 Resp: 251319

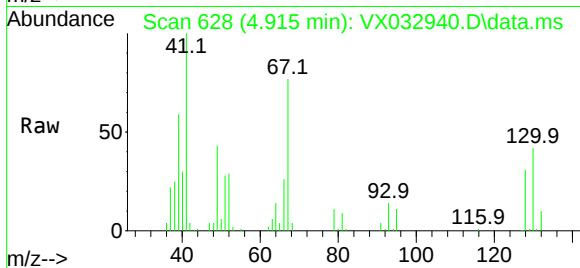
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4





#41
Methacrylonitrile
Concen: 54.555 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

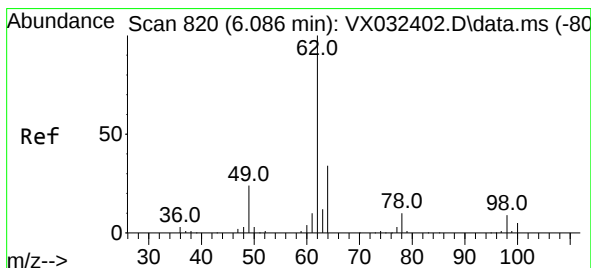
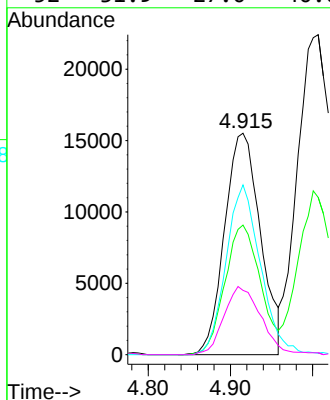
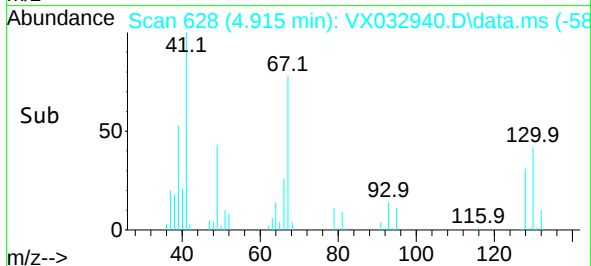
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 47140
Ion Ratio Lower Upper
41 100
39 58.0 47.5 71.3
67 73.8 60.5 90.7
52 31.9 27.0 40.6

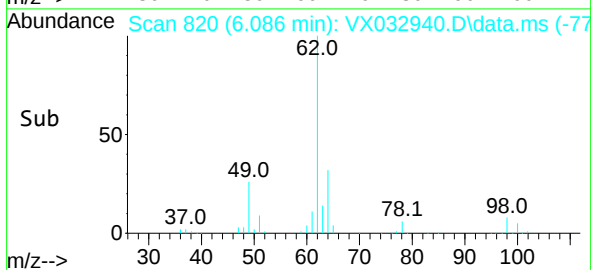
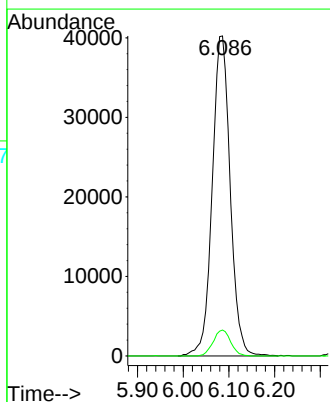
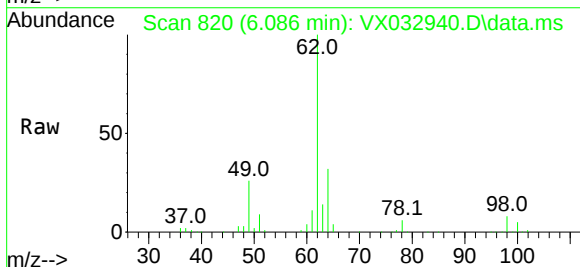
Manual Integrations
APPROVED

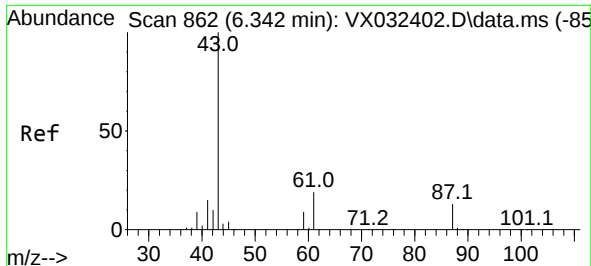
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#42
1,2-Dichloroethane
Concen: 58.227 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

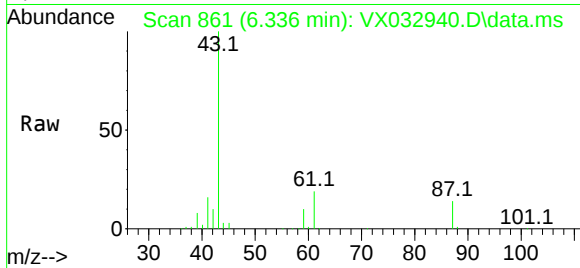
Tgt Ion: 62 Resp: 109758
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.851 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

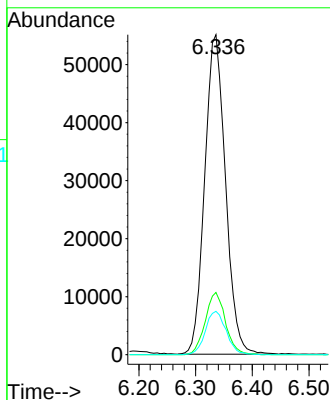
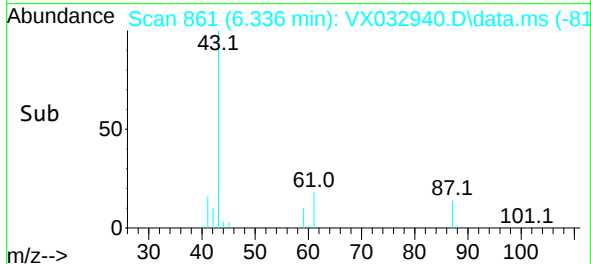
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 14024
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.0
87 13.6 10.8 16.2

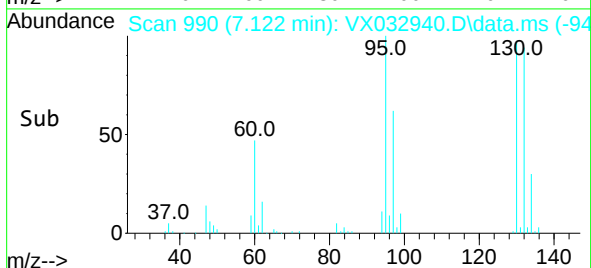
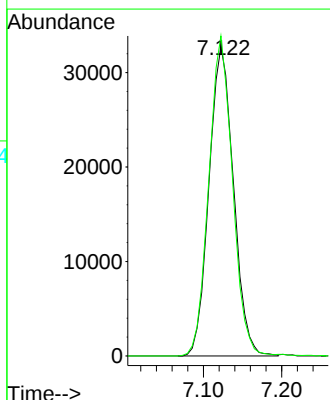
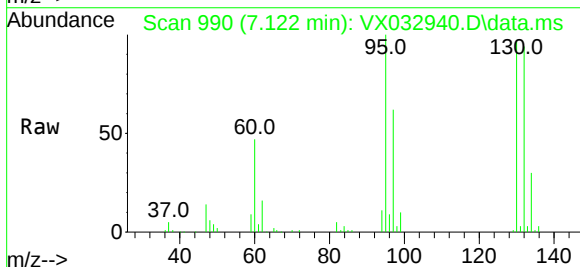
Manual Integrations
APPROVED

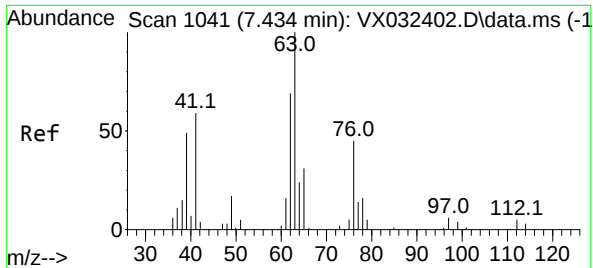
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#44
Trichloroethene
Concen: 54.812 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion:130 Resp: 71153
Ion Ratio Lower Upper
130 100
95 103.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 58.744 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6953

Ion Ratio Lower Upper

63 100

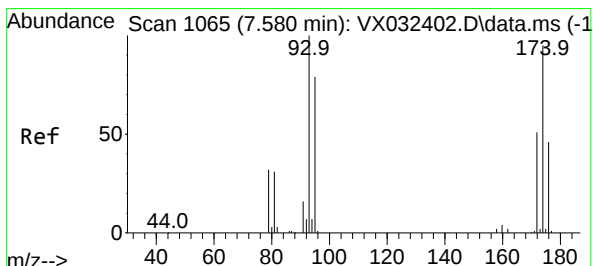
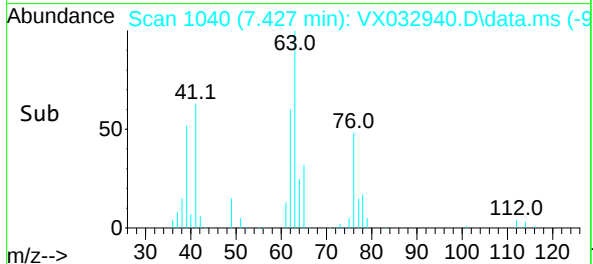
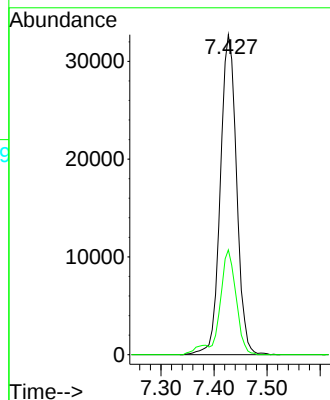
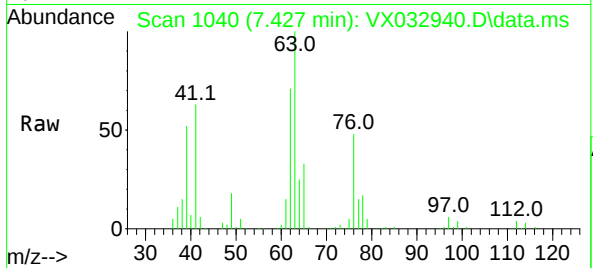
65 32.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#46

Dibromomethane

Concen: 57.313 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

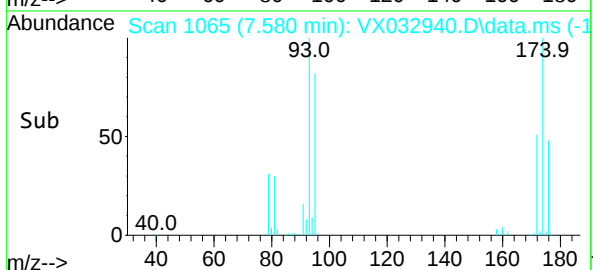
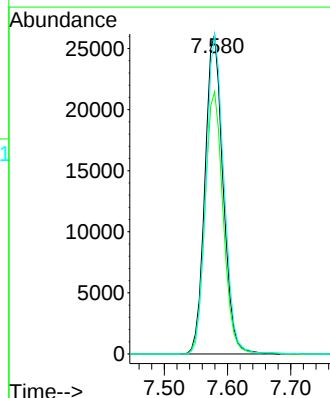
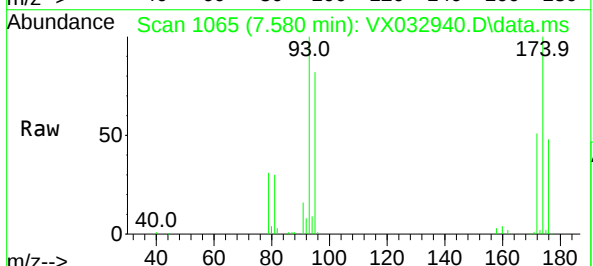
Tgt Ion: 93 Resp: 52030

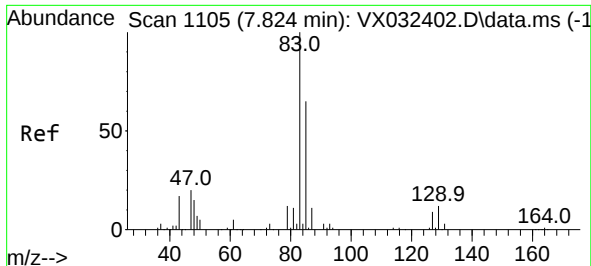
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

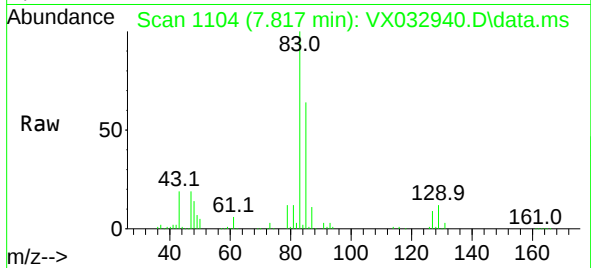
174 98.2 79.8 119.6





#47
Bromodichloromethane
Concen: 64.504 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

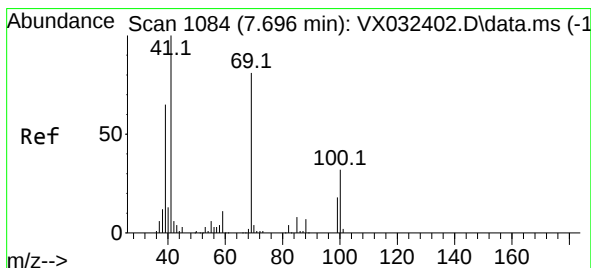
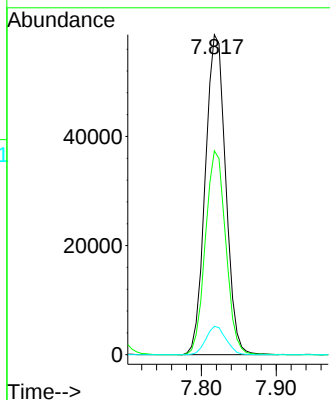
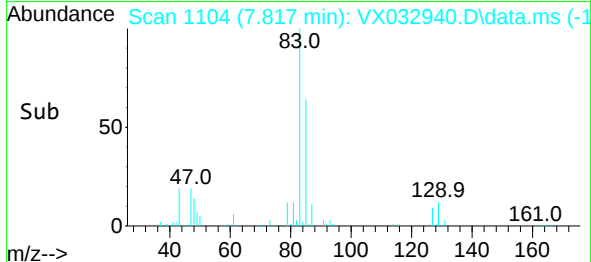
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110983
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.4
127 8.9 7.4 11.2

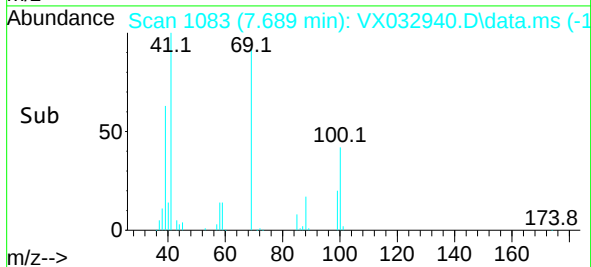
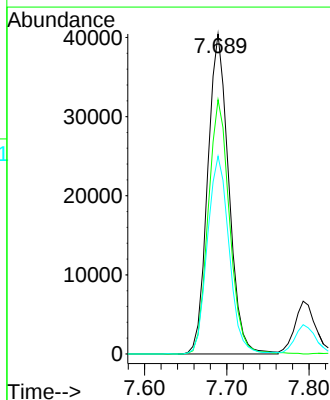
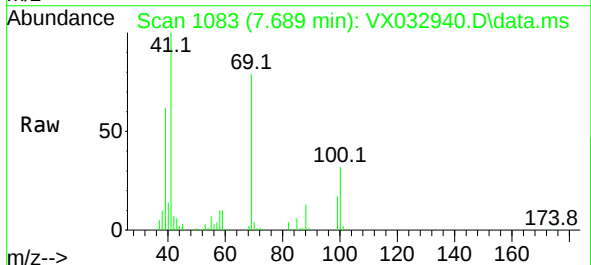
Manual Integrations
APPROVED

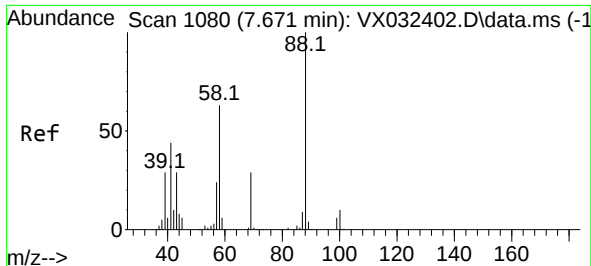
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#48
Methyl methacrylate
Concen: 53.613 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion: 41 Resp: 72113
Ion Ratio Lower Upper
41 100
69 80.2 65.1 97.7
39 63.4 51.9 77.9





#49

1,4-Dioxane

Concen: 835.398 ug/l

RT: 7.701 min Scan# 1080

Delta R.T. 0.030 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 21414

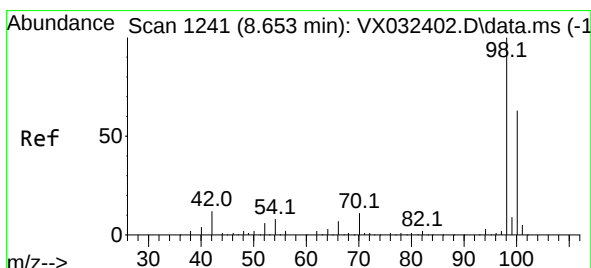
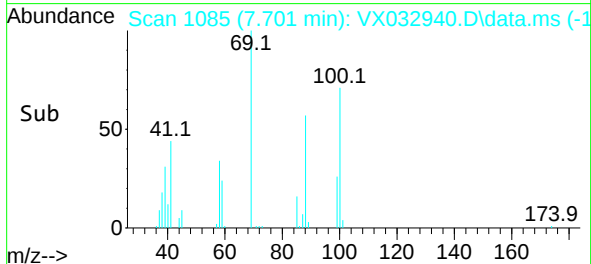
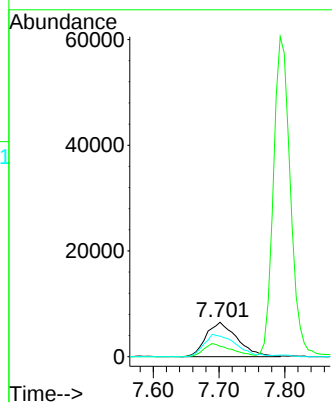
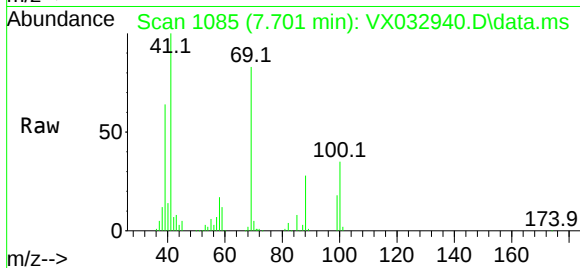
Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.6	39.8
58	66.4	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#50

Toluene-d8

Concen: 52.713 ug/l

RT: 8.646 min Scan# 1240

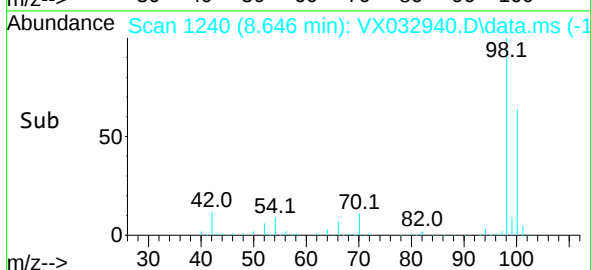
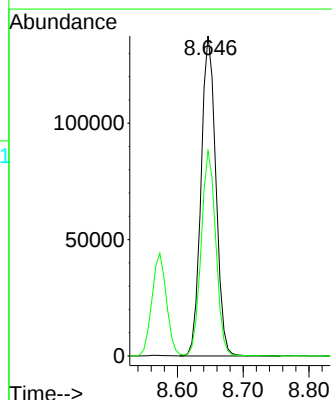
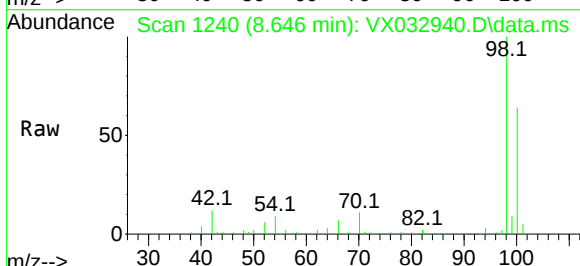
Delta R.T. -0.006 min

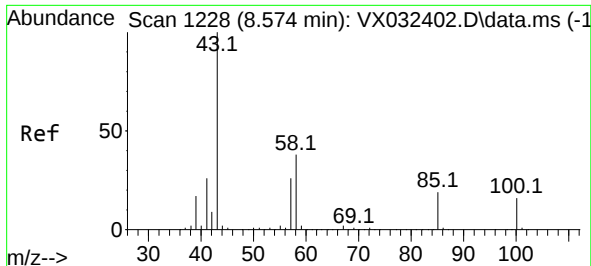
Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Tgt Ion: 98 Resp: 214490

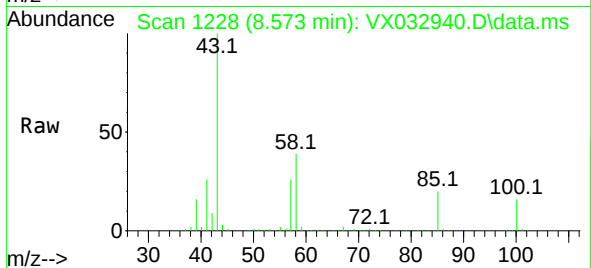
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 260.126 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

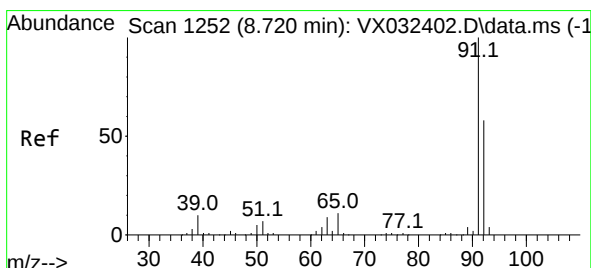
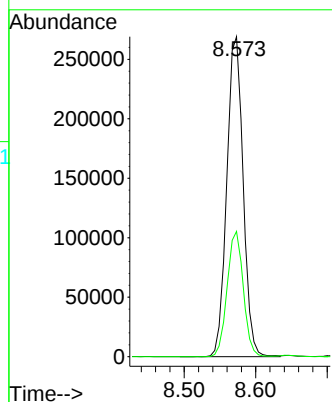
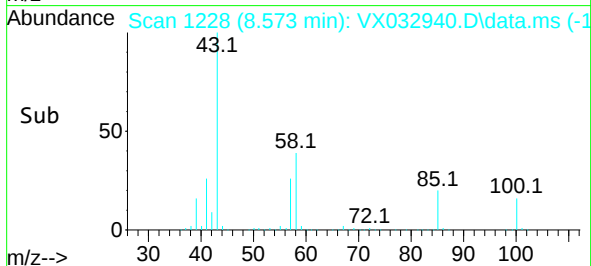
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 42671
Ion Ratio Lower Upper
43 100
58 38.7 30.9 46.3

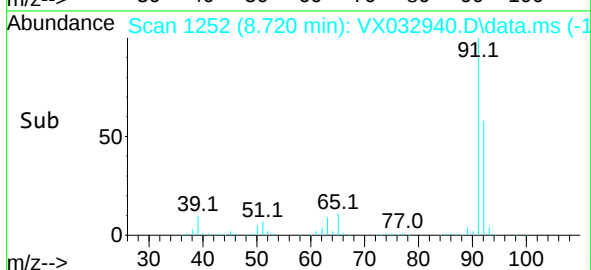
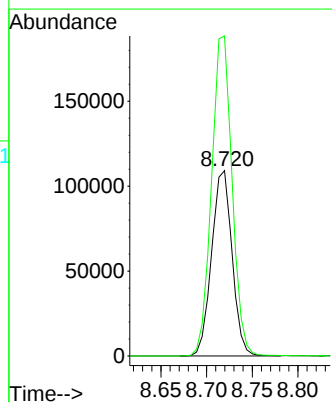
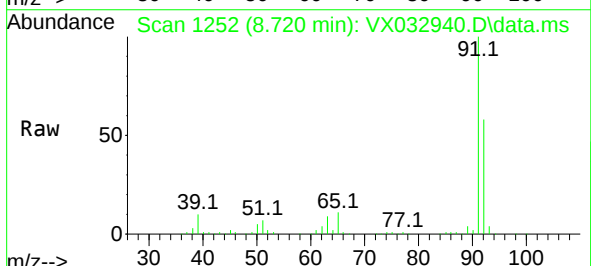
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#52
Toluene
Concen: 56.457 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion: 92 Resp: 169855
Ion Ratio Lower Upper
92 100
91 173.5 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 64.210 ug/l

RT: 8.976 min Scan# 11272

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 11272

Ion Ratio Lower Upper

75 100

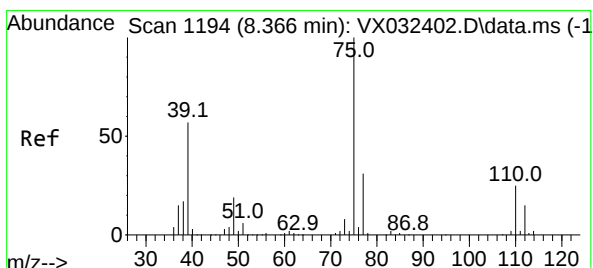
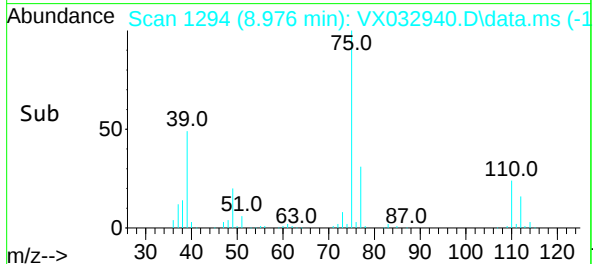
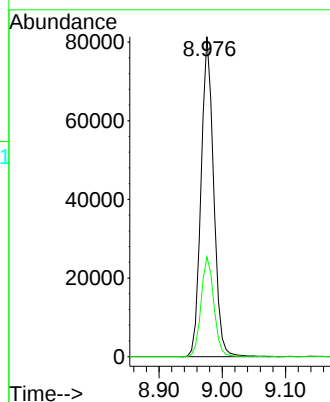
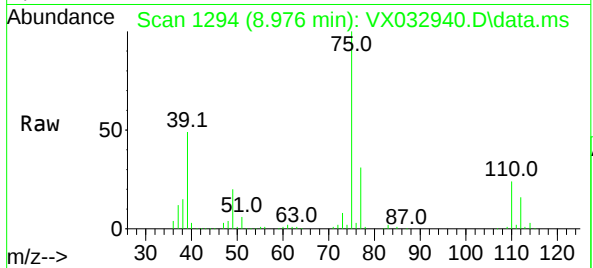
77 31.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#54

cis-1,3-Dichloropropene

Concen: 61.682 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

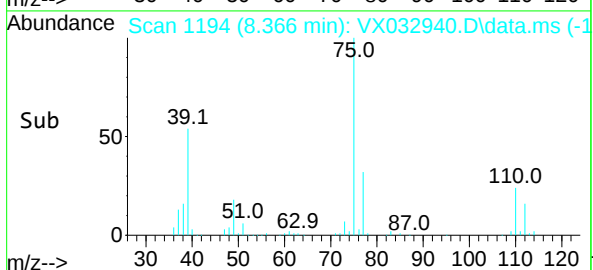
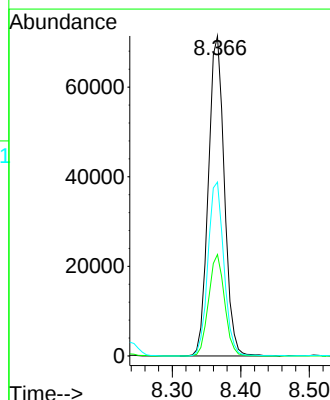
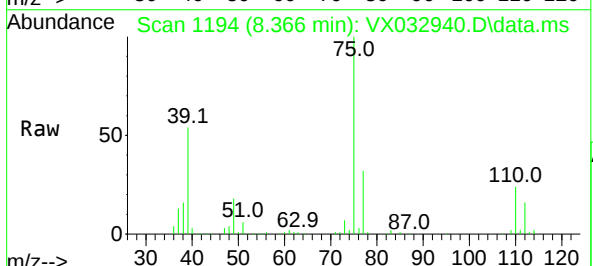
Tgt Ion: 75 Resp: 115817

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7

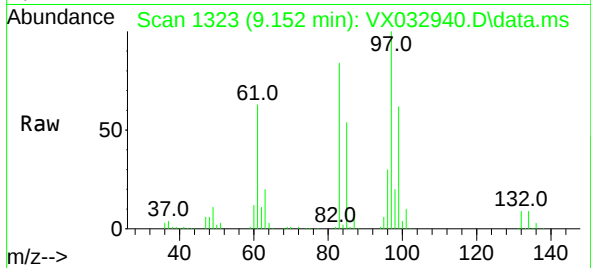
39 54.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 60.312 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

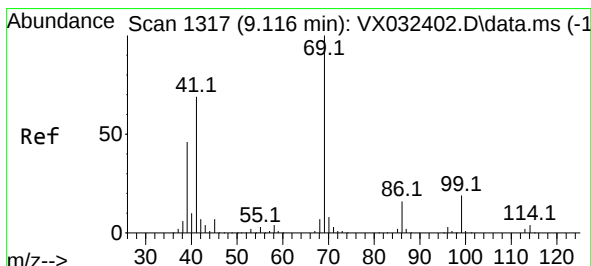
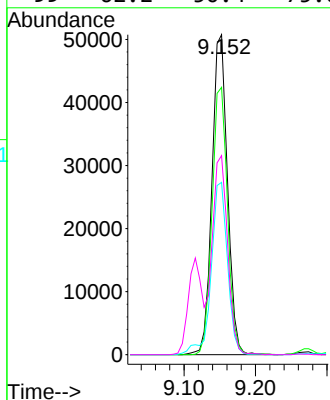
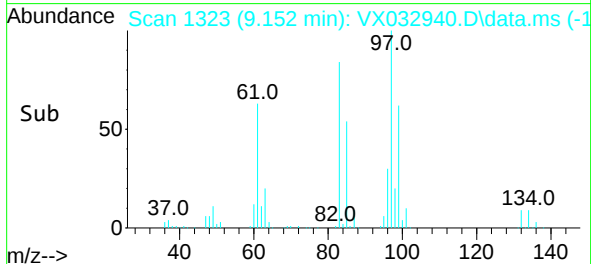
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



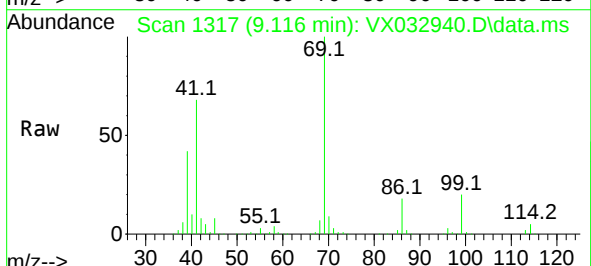
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.1	102.1
85	53.8	43.3	64.9
99	62.2	50.4	75.6

Manual Integrations
APPROVED

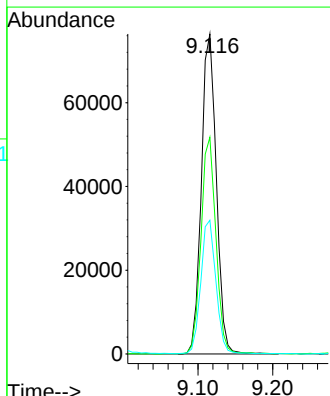
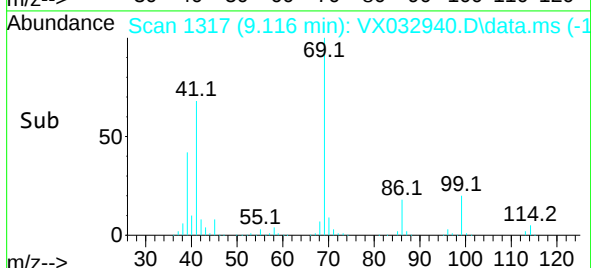
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

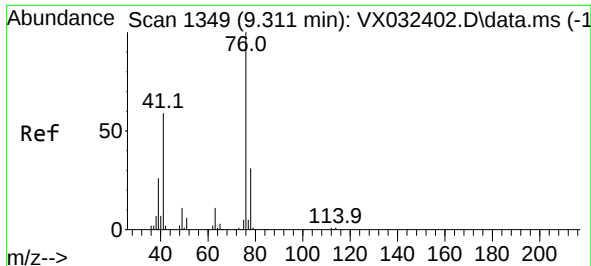


#56
Ethyl methacrylate
Concen: 58.289 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.3	81.5
39	42.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 58.063 ug/l

RT: 9.305 min Scan# 11880

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11880

Ion Ratio Lower Upper

76 100

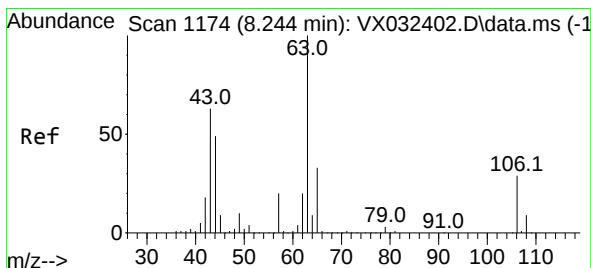
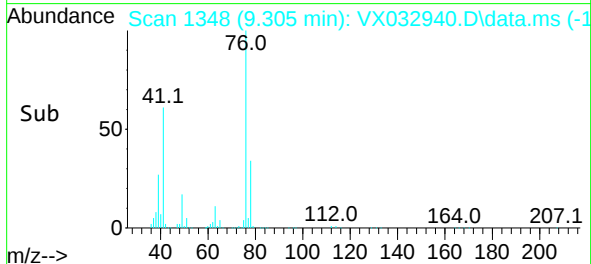
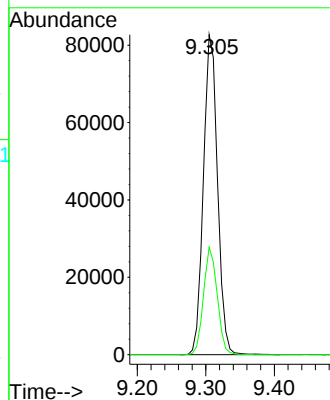
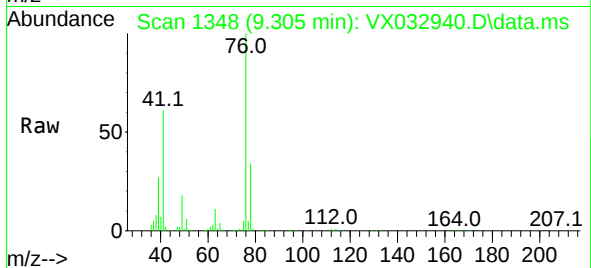
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 233.466 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032940.D

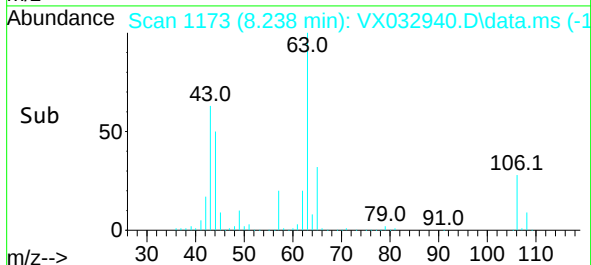
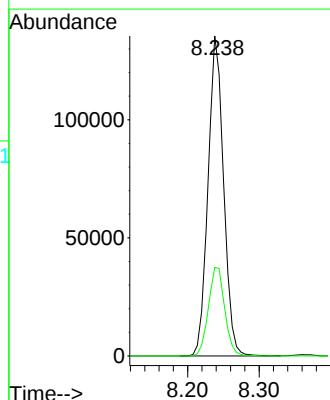
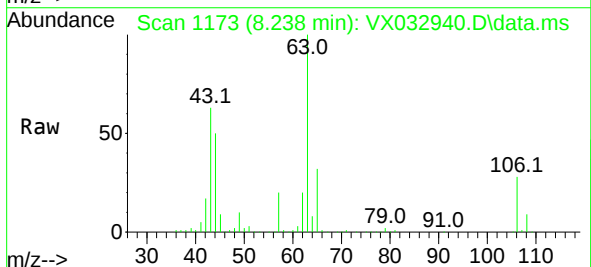
Acq: 21 Nov 2022 10:18

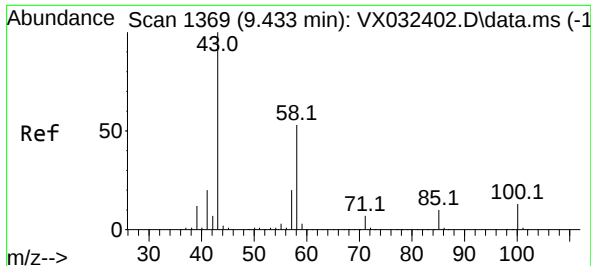
Tgt Ion: 63 Resp: 204974

Ion Ratio Lower Upper

63 100

106 29.0 23.3 34.9





#59

2-Hexanone

Concen: 264.685 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 322178

Ion Ratio Lower Upper

43 100

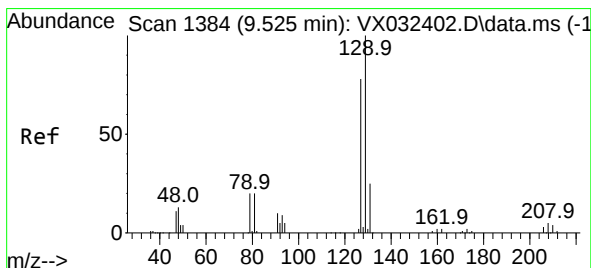
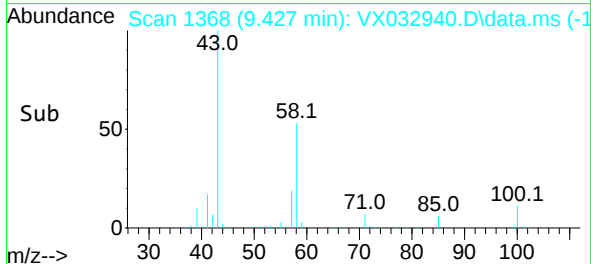
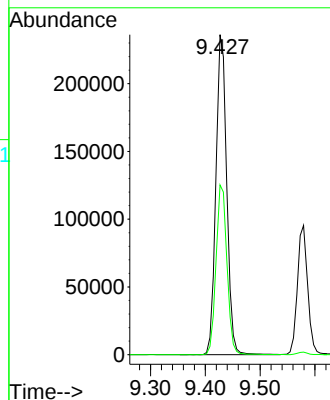
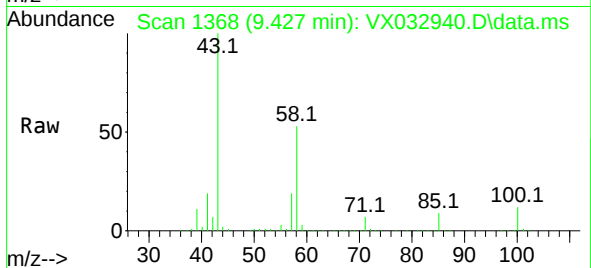
58 53.7 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#60

Dibromochloromethane

Concen: 64.319 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032940.D

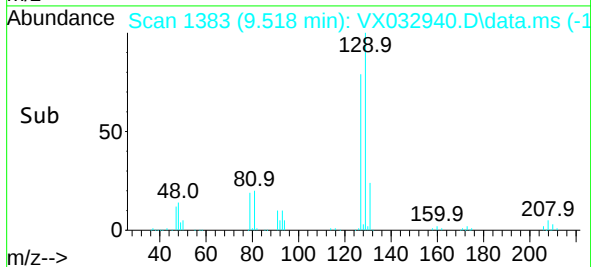
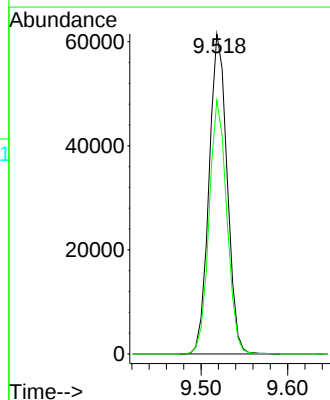
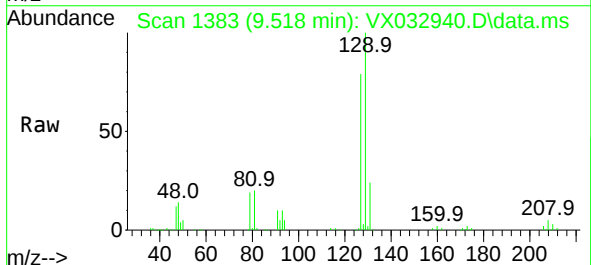
Acq: 21 Nov 2022 10:18

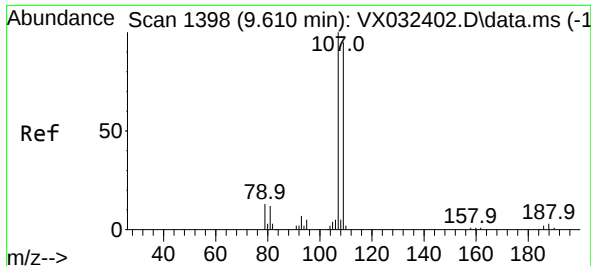
Tgt Ion:129 Resp: 89013

Ion Ratio Lower Upper

129 100

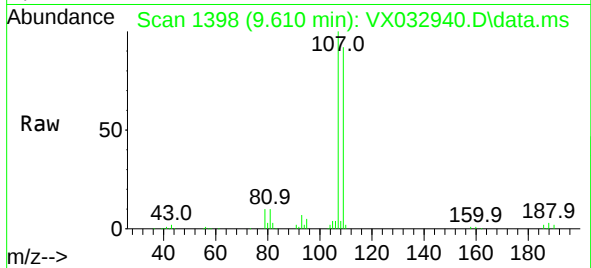
127 78.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 58.464 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

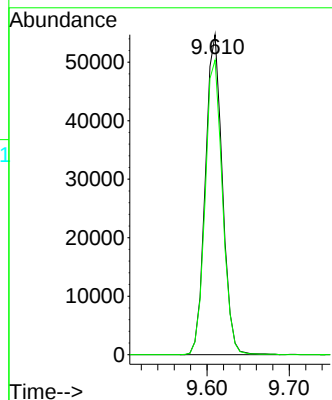
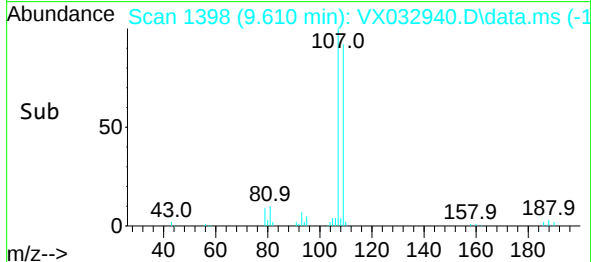
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 78489
Ion Ratio Lower Upper
107 100
109 93.3 76.0 114.0

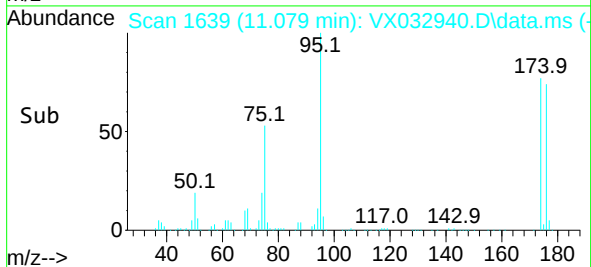
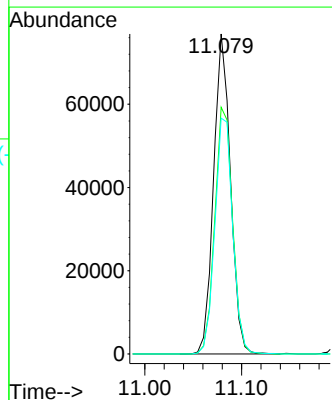
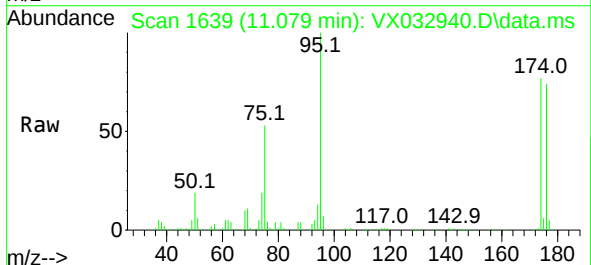
Manual Integrations
APPROVED

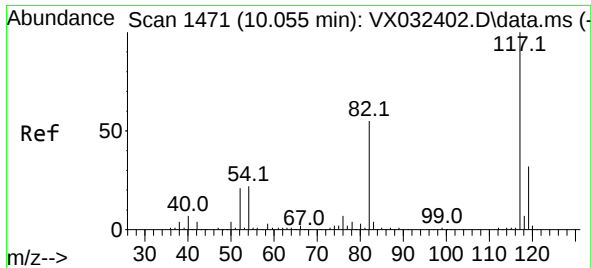
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#62
4-Bromofluorobenzene
Concen: 58.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

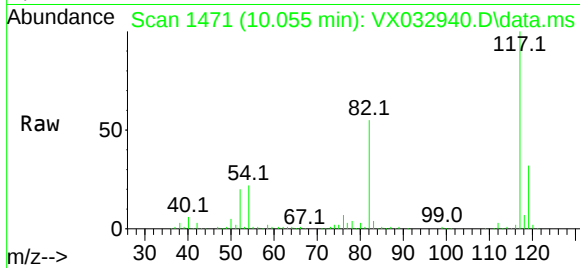
Tgt Ion: 95 Resp: 92928
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.2 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

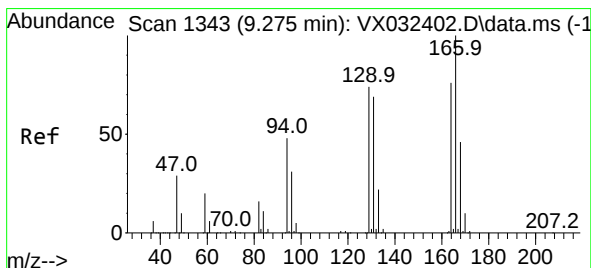
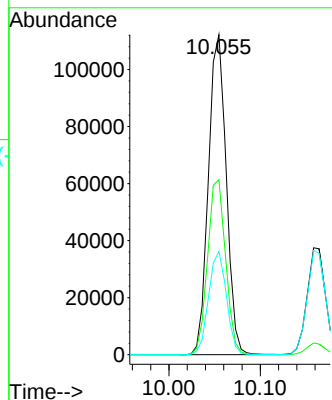
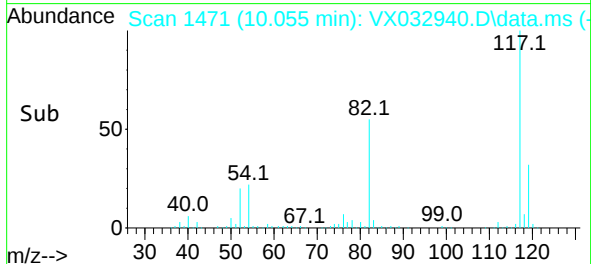
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 15186
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.3 25.7 38.5

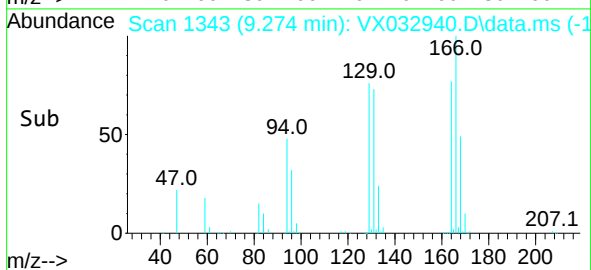
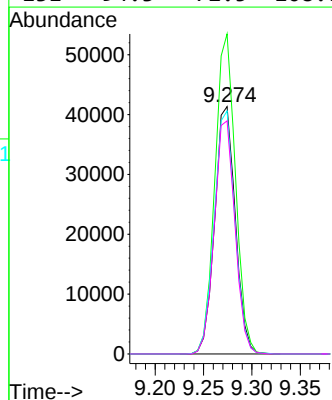
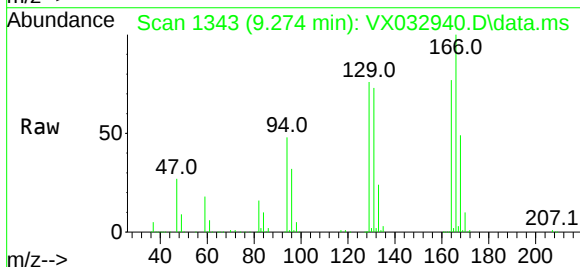
Manual Integrations
APPROVED

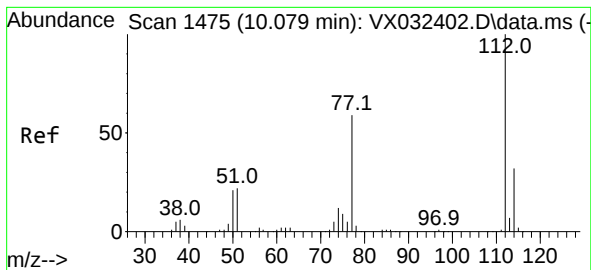
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#64
Tetrachloroethene
Concen: 55.008 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion:164 Resp: 61145
Ion Ratio Lower Upper
164 100
166 129.4 105.4 158.2
129 98.2 78.2 117.2
131 94.3 72.5 108.7





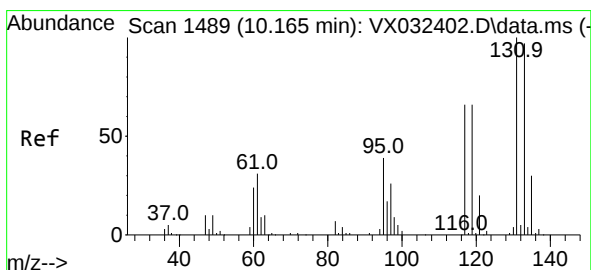
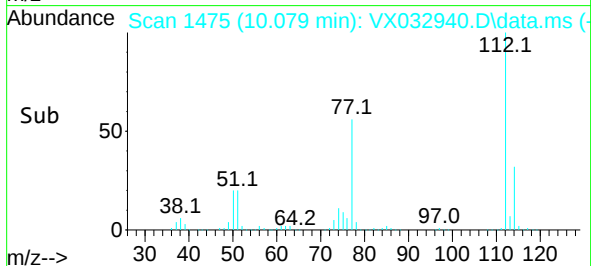
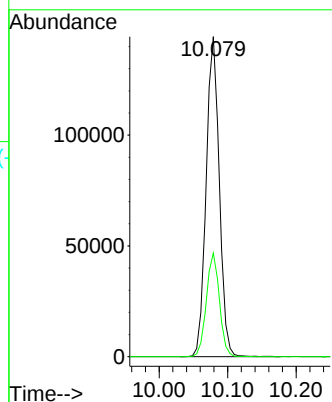
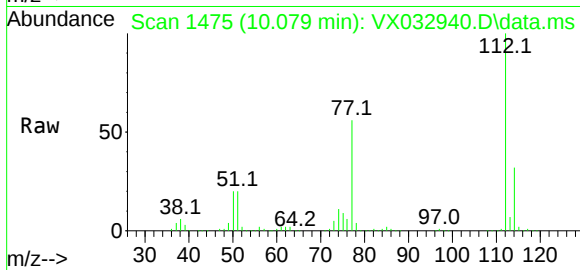
#65
Chlorobenzene
Concen: 56.716 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 192940
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

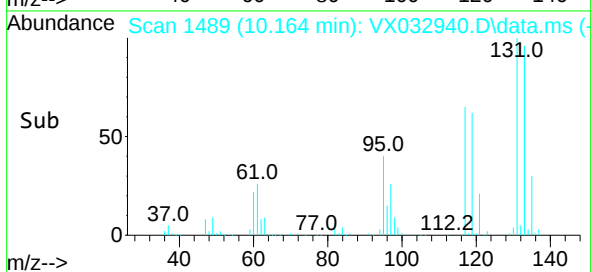
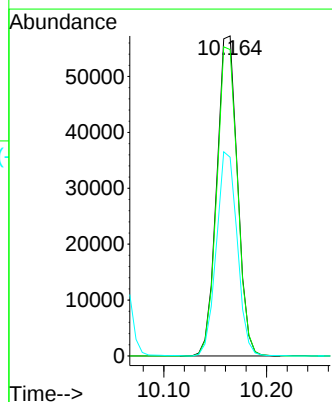
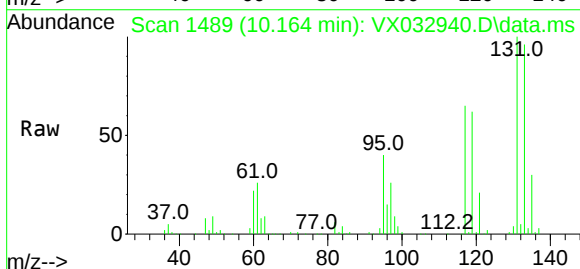
Manual Integrations
APPROVED

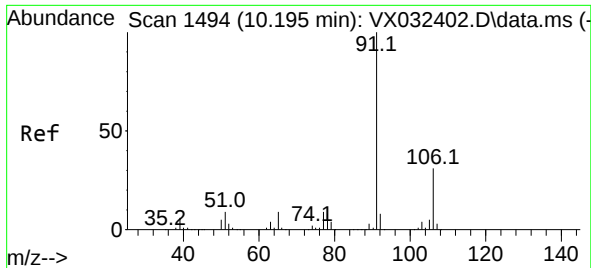
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 62.488 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

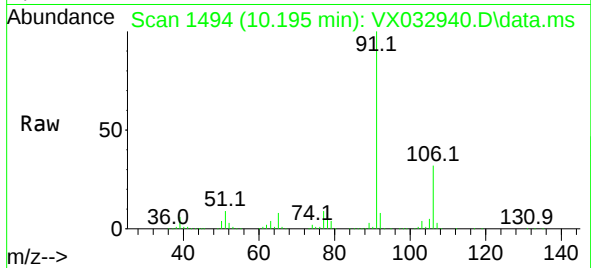
Tgt Ion:131 Resp: 80005
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.1 32.4 97.0





#67
Ethyl Benzene
Concen: 57.152 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

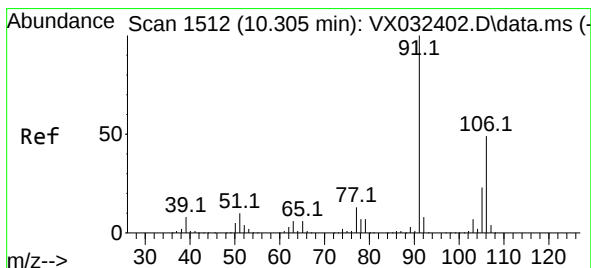
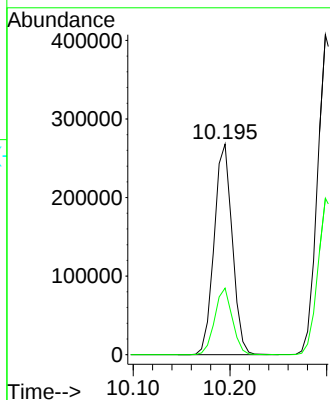
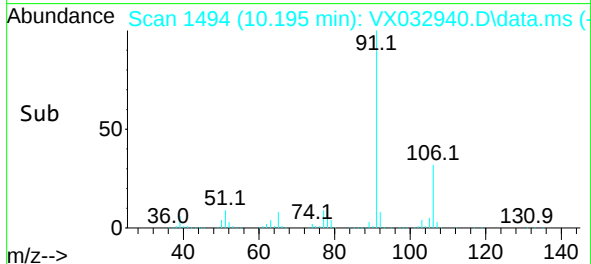
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



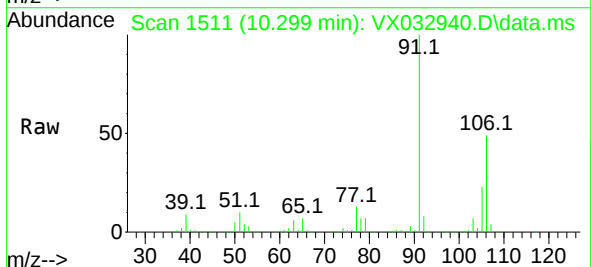
Tgt Ion: 91 Resp: 347679
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

Manual Integrations
APPROVED

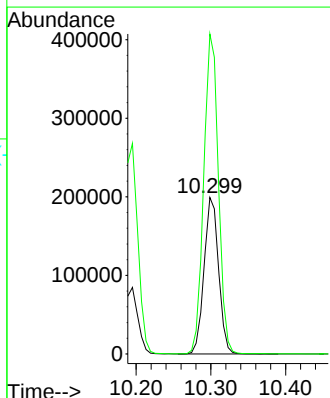
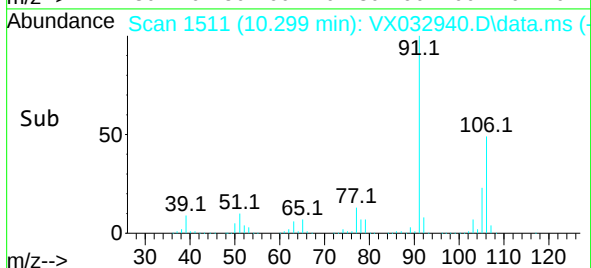
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

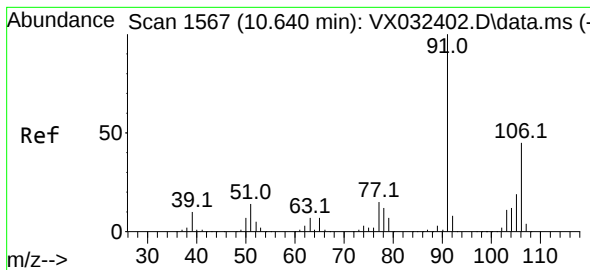


#68
m/p-Xylenes
Concen: 113.593 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion:106 Resp: 268333
Ion Ratio Lower Upper
106 100
91 206.2 164.5 246.7





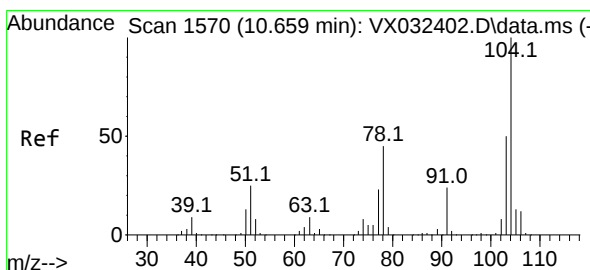
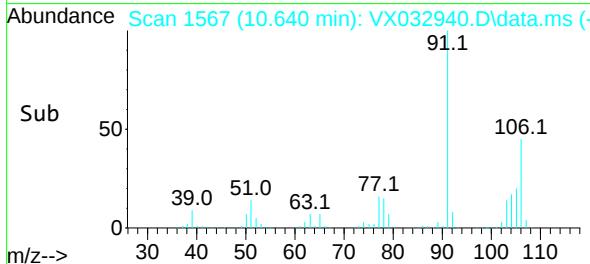
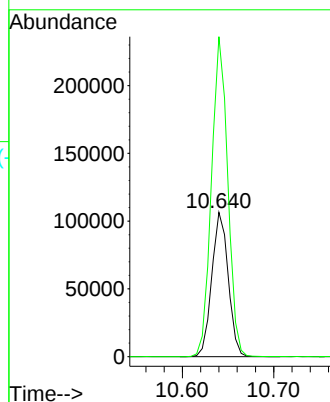
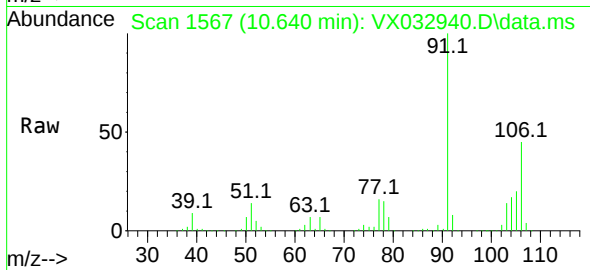
#69
o-Xylene
Concen: 57.811 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13277
Ion Ratio Lower Upper
106 100
91 219.5 109.2 327.6

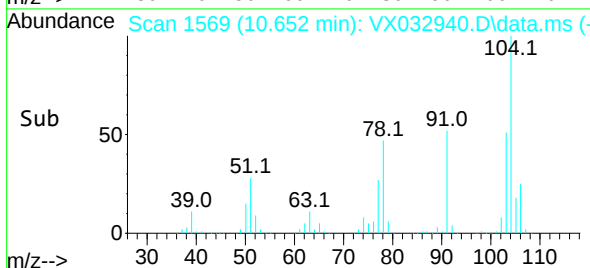
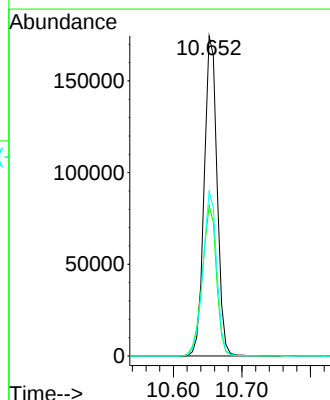
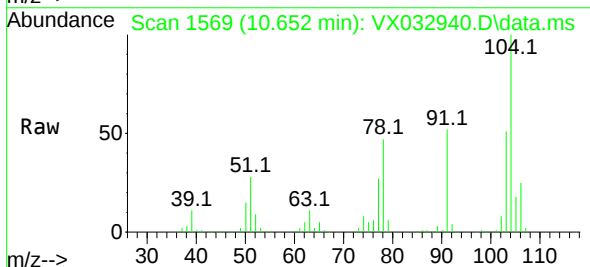
Manual Integrations
APPROVED

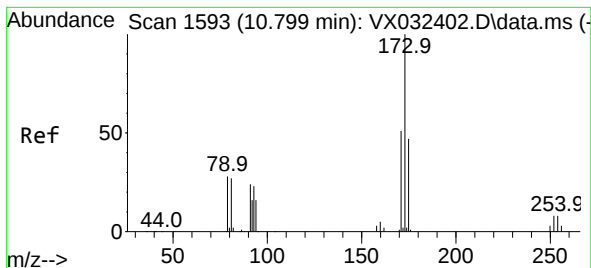
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#70
Styrene
Concen: 60.009 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

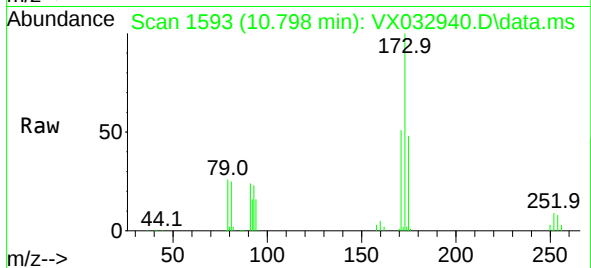
Tgt Ion:104 Resp: 229053
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 55.1 44.5 66.7





#71
Bromoform
Concen: 63.140 ug/l
RT: 10.798 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

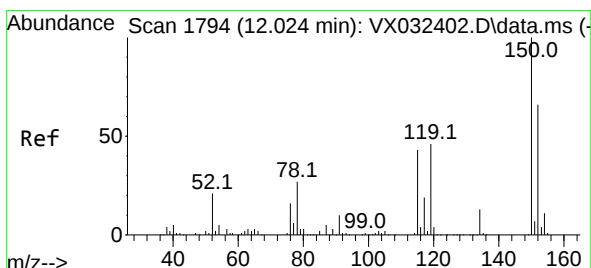
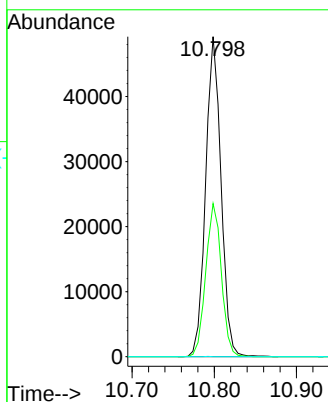
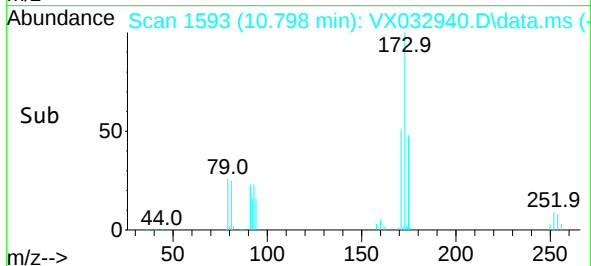
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



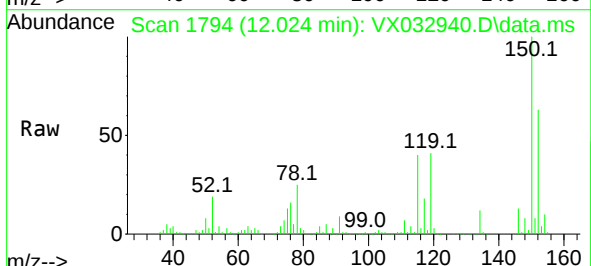
Tgt Ion:173 Resp: 63910
Ion Ratio Lower Upper
173 100
175 48.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

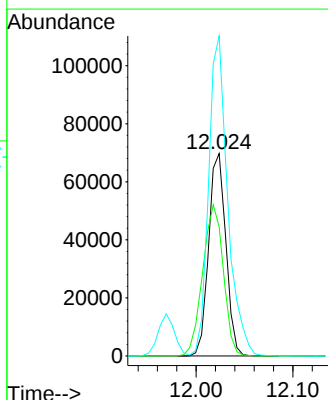
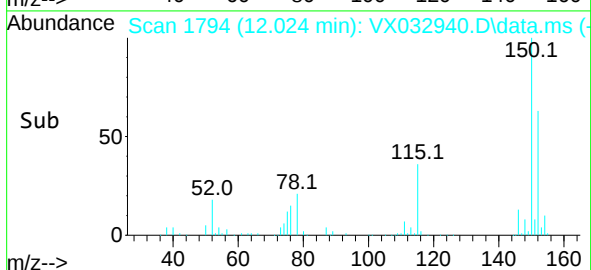
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

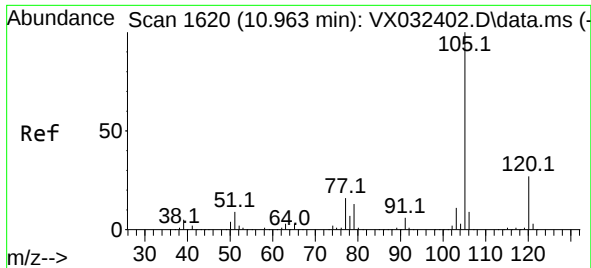


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



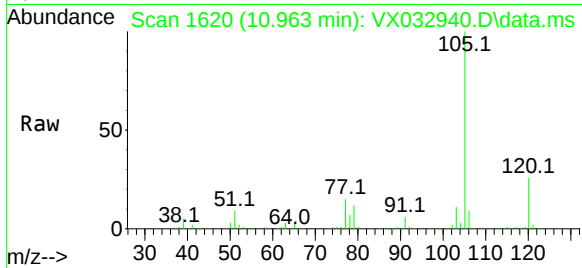
Tgt Ion:152 Resp: 86421
Ion Ratio Lower Upper
152 100
115 89.6 44.0 132.0
150 175.0 0.0 351.8





#73
Isopropylbenzene
Concen: 53.041 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

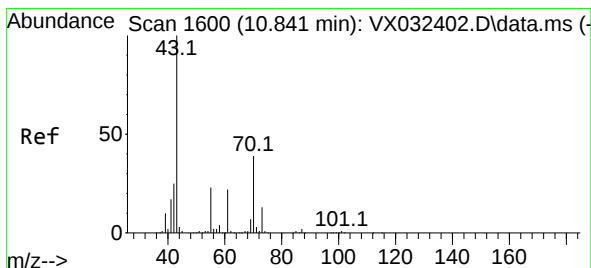
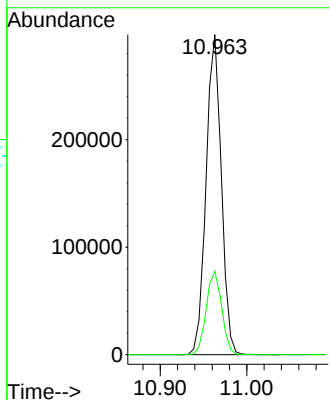
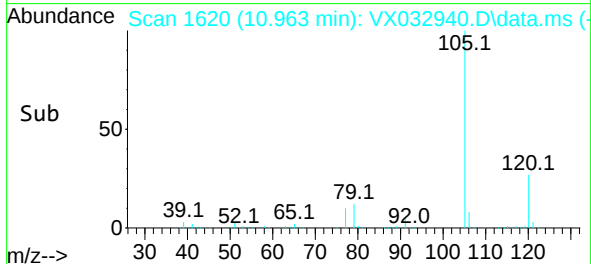
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 36323
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3

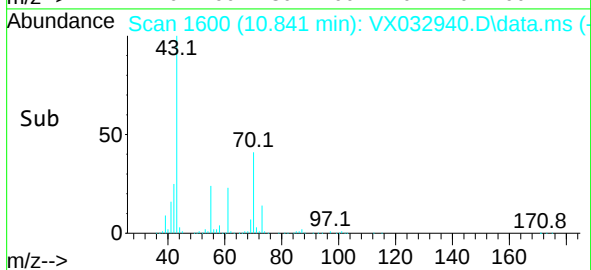
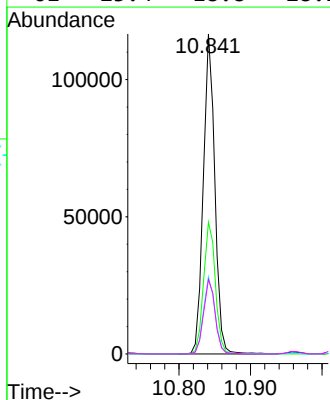
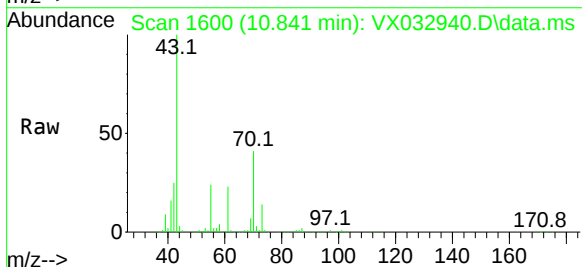
Manual Integrations
APPROVED

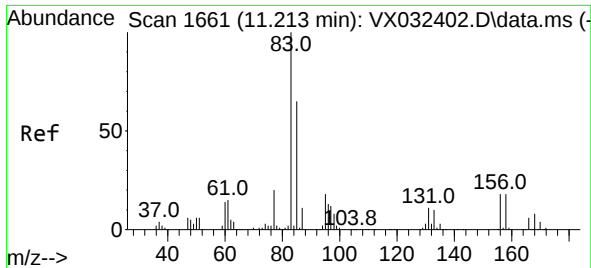
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#74
N-ethyl acetate
Concen: 50.471 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion: 43 Resp: 130594
Ion Ratio Lower Upper
43 100
70 42.5 33.6 50.4
55 24.6 19.4 29.2
61 23.4 18.8 28.2





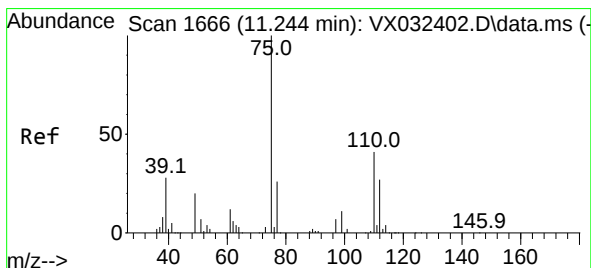
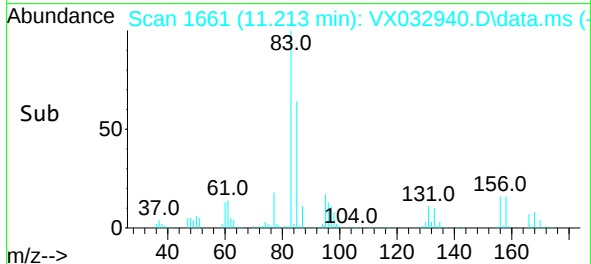
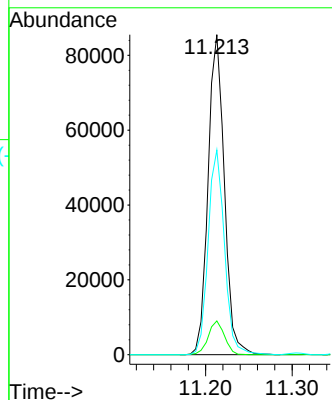
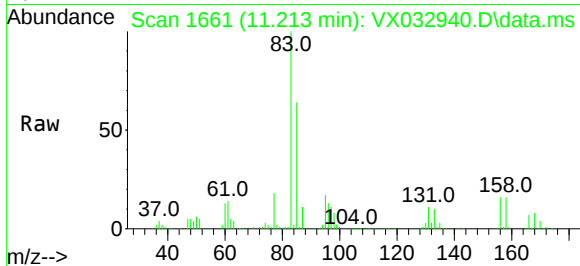
#75
1,1,2,2-Tetrachloroethane
Concen: 50.741 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11153
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 64.4 31.9 95.9

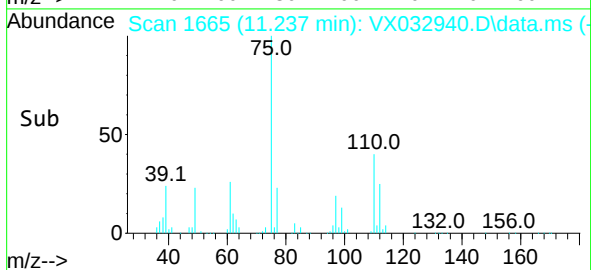
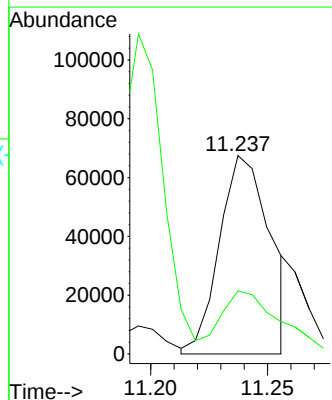
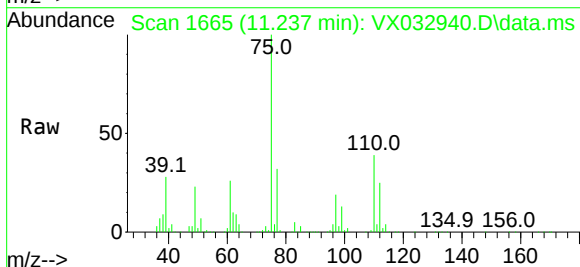
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#76
1,2,3-Trichloropropane
Concen: 52.850 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion: 75 Resp: 101612
Ion Ratio Lower Upper
75 100
77 37.8 20.0 60.0





#77

Bromobenzene

Concen: 53.571 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032940.D

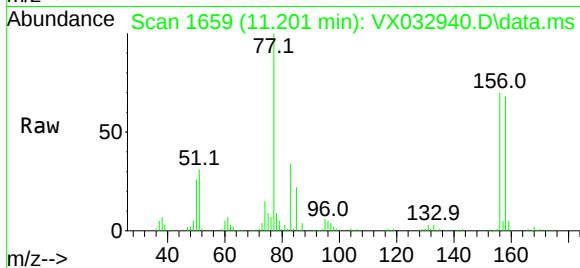
Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



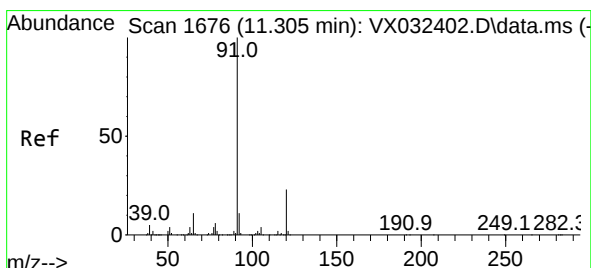
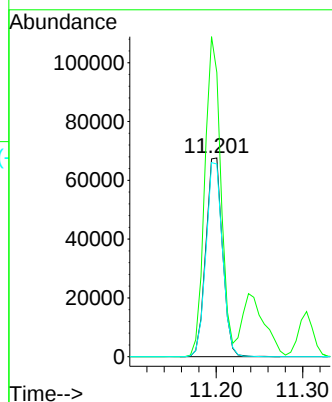
Tgt Ion:	156	Resp:	89940
Ion Ratio	100	Lower	Upper
156	100		
77	155.6	76.1	228.4
158	97.4	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#78

n-propylbenzene

Concen: 53.908 ug/l

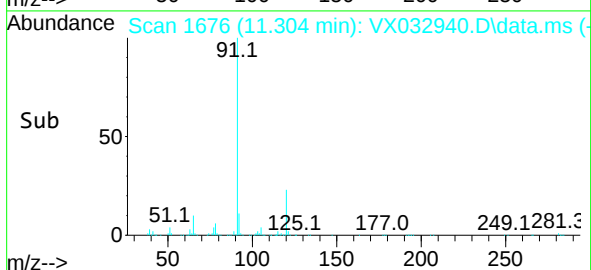
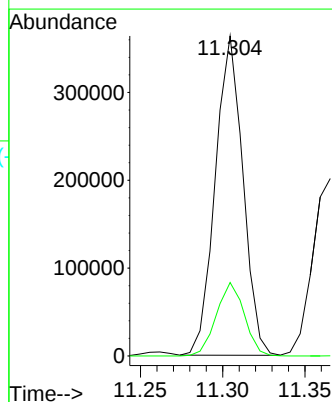
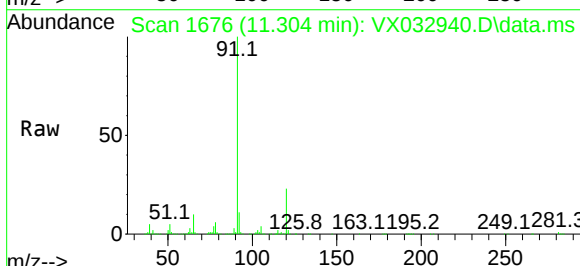
RT: 11.304 min Scan# 1676

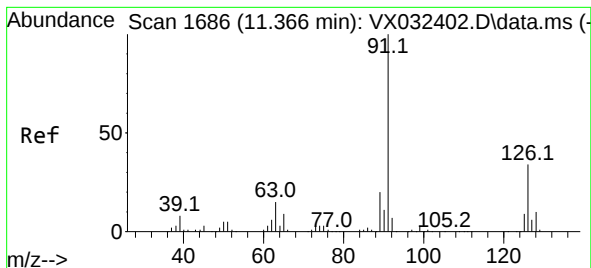
Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Tgt Ion:	91	Resp:	425333
Ion Ratio	100	Lower	Upper
91	100		
120	23.3	11.6	34.8





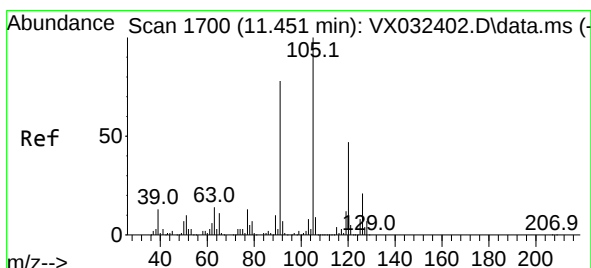
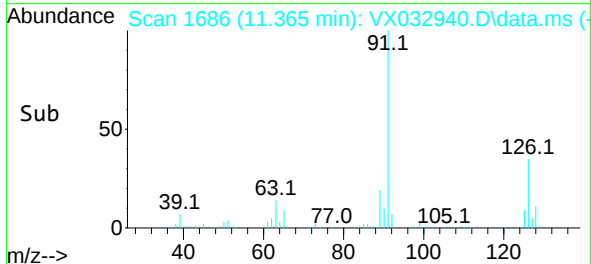
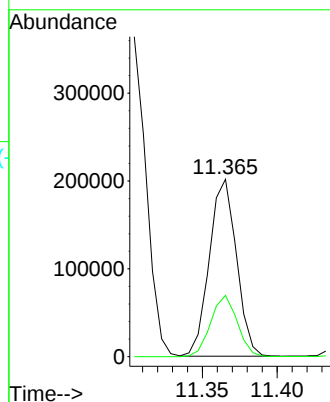
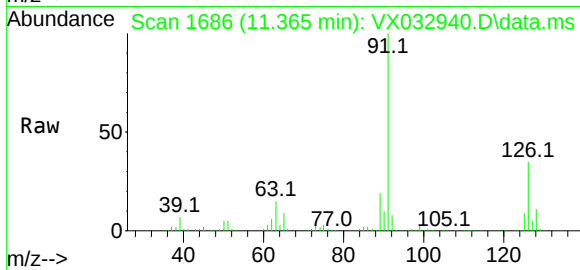
#79
2-Chlorotoluene
Concen: 53.849 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25444
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

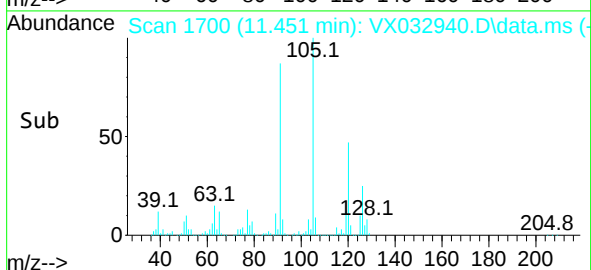
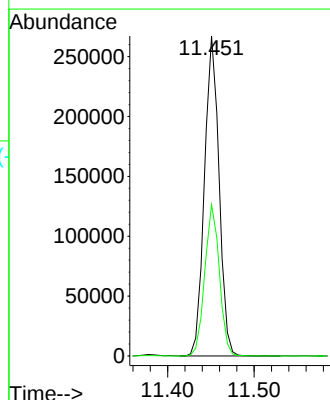
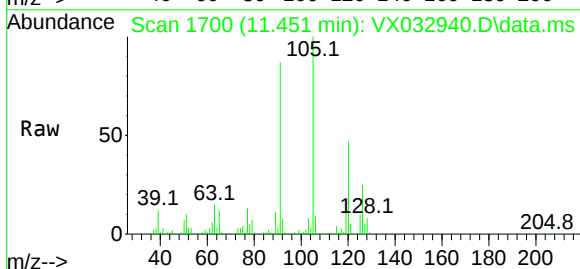
Manual Integrations
APPROVED

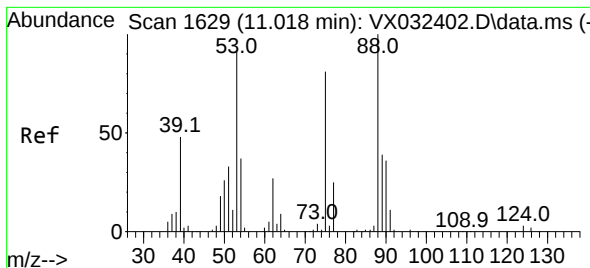
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.508 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Tgt Ion:105 Resp: 313174
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





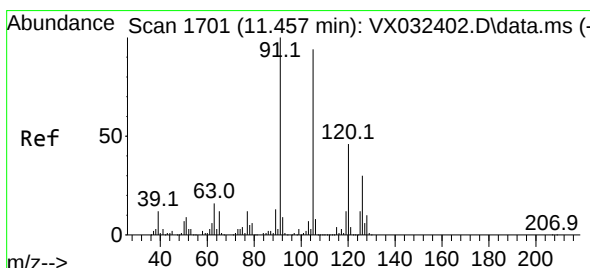
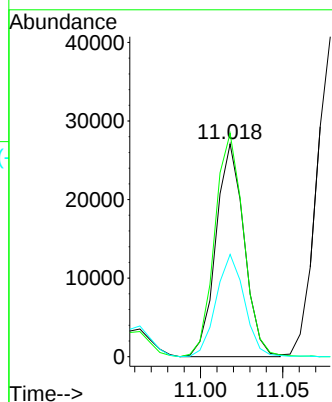
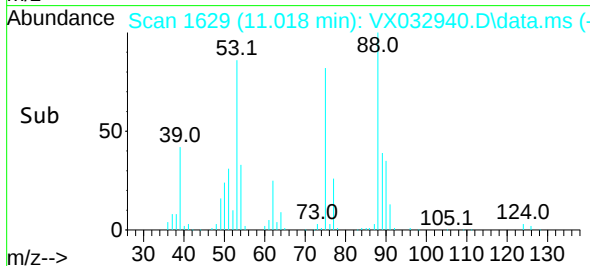
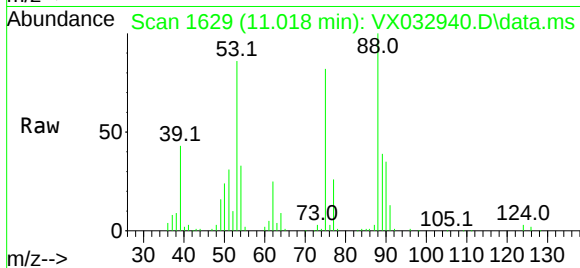
#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.318 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. -0.000 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 32210
 Ion Ratio Lower Upper
 75 100
 53 107.7 86.9 130.3
 89 48.4 38.3 57.5

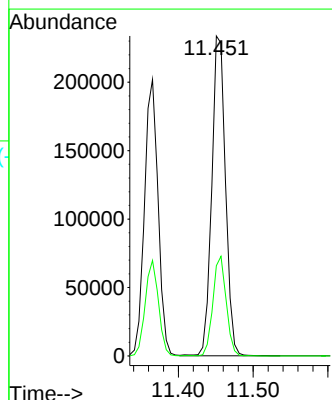
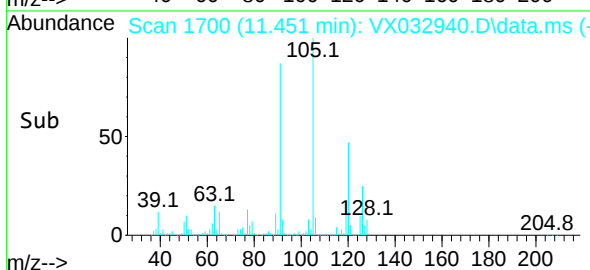
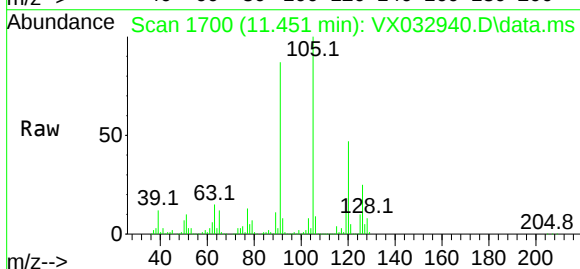
Manual Integrations
 APPROVED

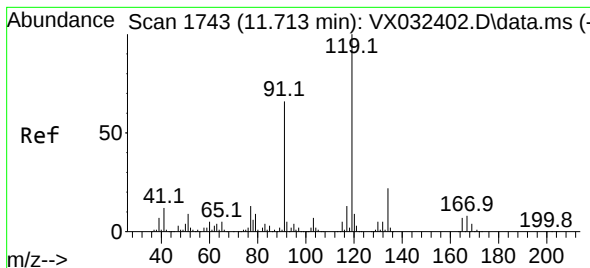
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#82
 4-Chlorotoluene
 Concen: 53.966 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.006 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

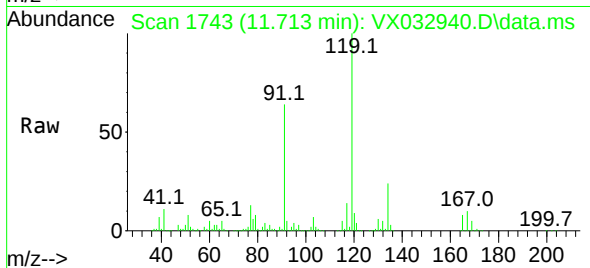
Tgt Ion: 91 Resp: 298380
 Ion Ratio Lower Upper
 91 100
 126 30.2 14.8 44.4





#83
tert-Butylbenzene
Concen: 54.802 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

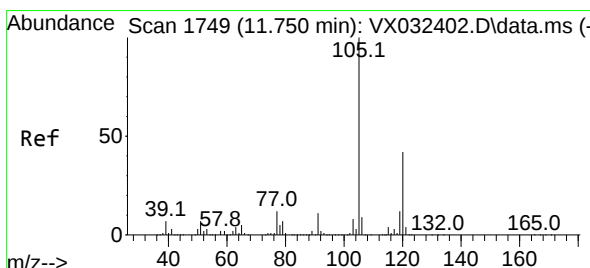
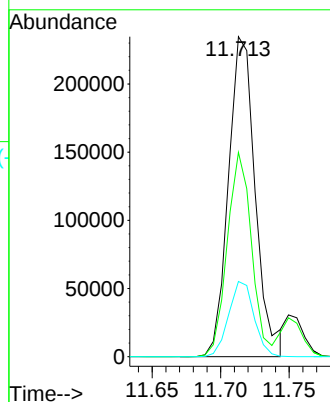
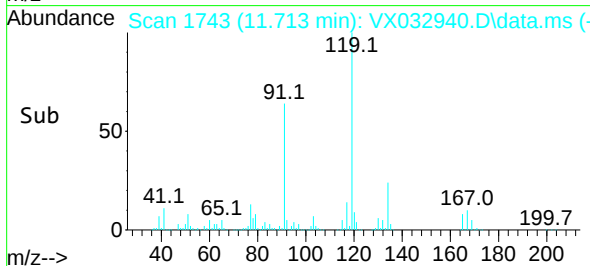
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



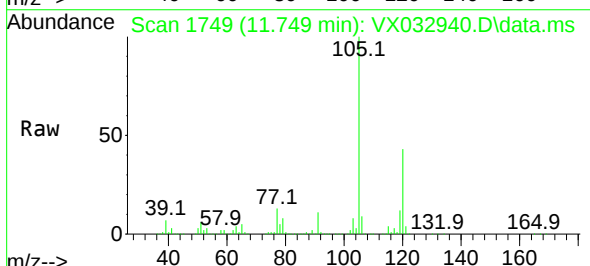
Tgt Ion:119 Resp: 32022
Ion Ratio Lower Upper
119 100
91 57.9 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

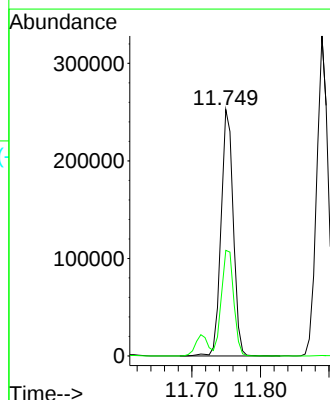
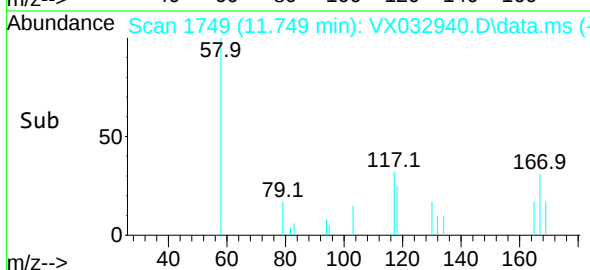
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

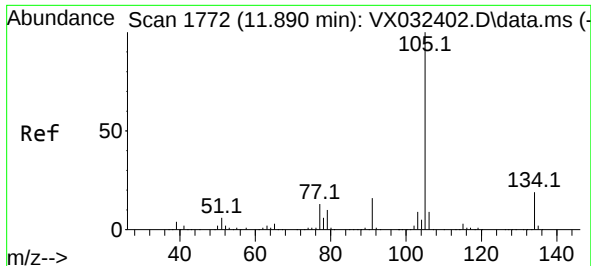


#84
1,2,4-Trimethylbenzene
Concen: 53.355 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



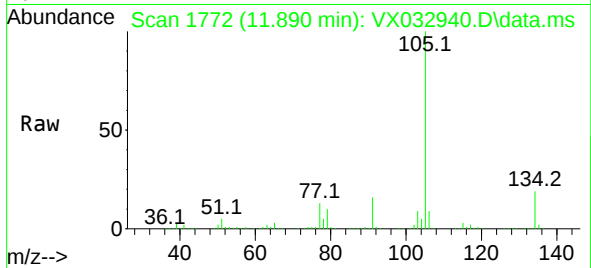
Tgt Ion:105 Resp: 310595
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 54.589 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18

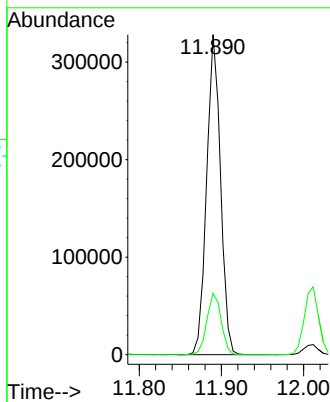
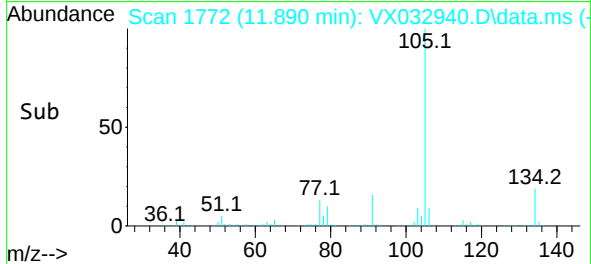
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



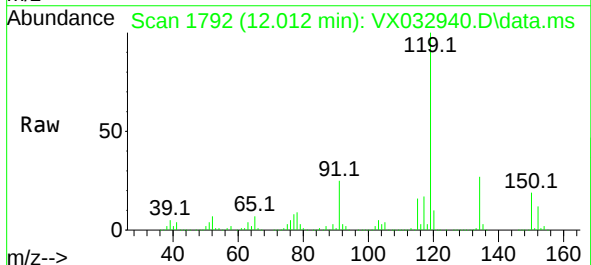
Tgt Ion:105 Resp: 38382
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

Manual Integrations
 APPROVED

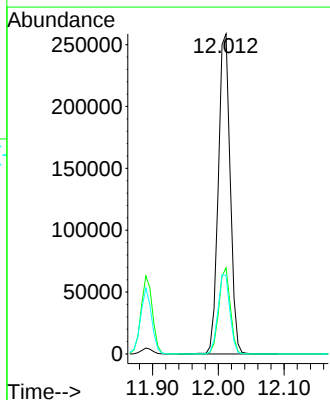
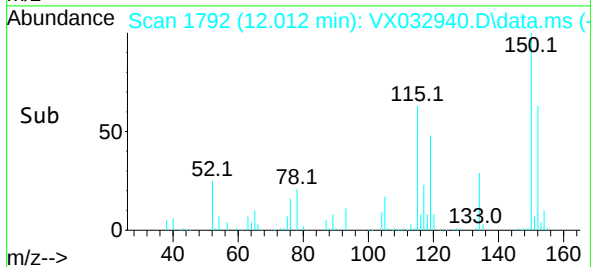
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/25/2022



#86
 p-Isopropyltoluene
 Concen: 54.431 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032940.D
 Acq: 21 Nov 2022 10:18



Tgt Ion:119 Resp: 324742
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 53.829 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 170479

Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

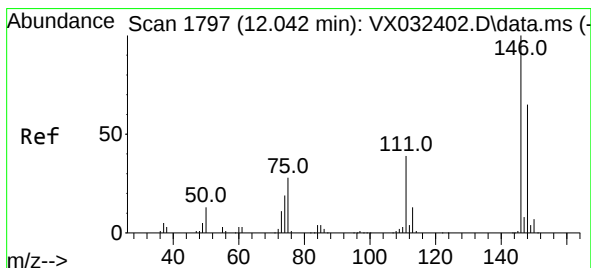
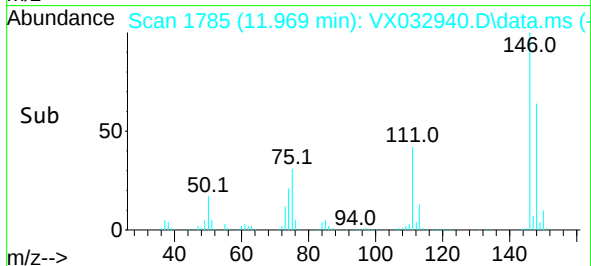
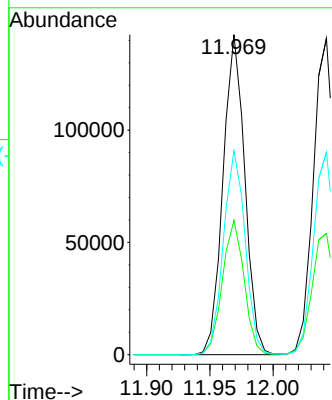
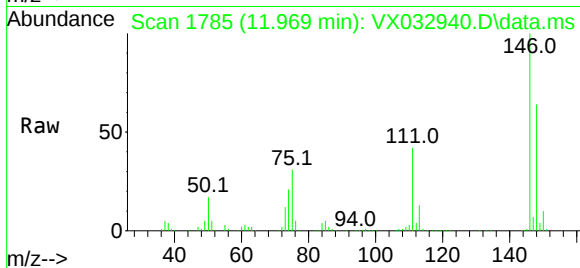
148 63.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#88

1,4-Dichlorobenzene

Concen: 52.567 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

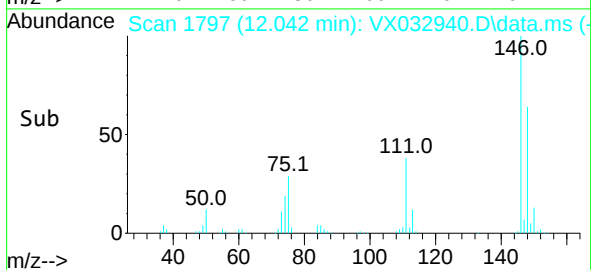
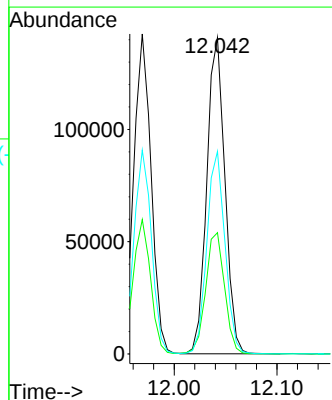
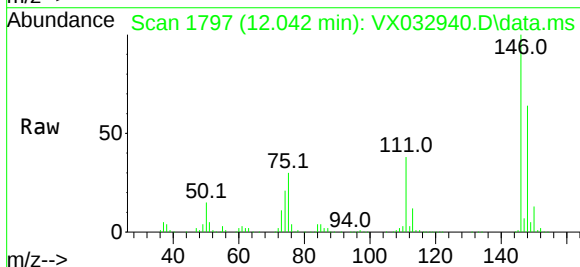
Tgt Ion:146 Resp: 172709

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 54.861 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 284750

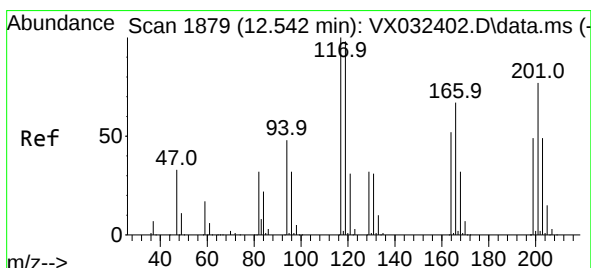
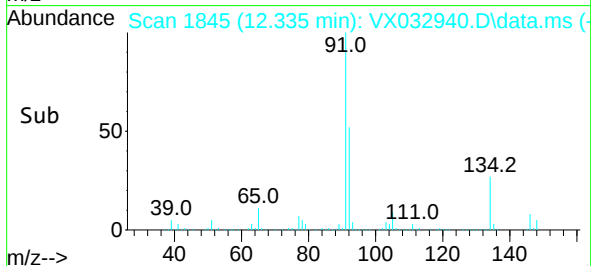
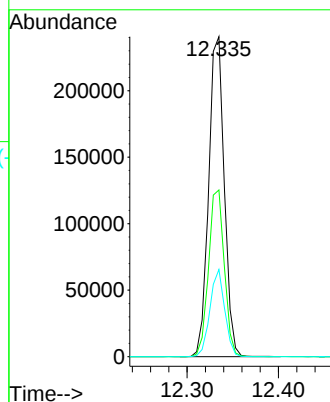
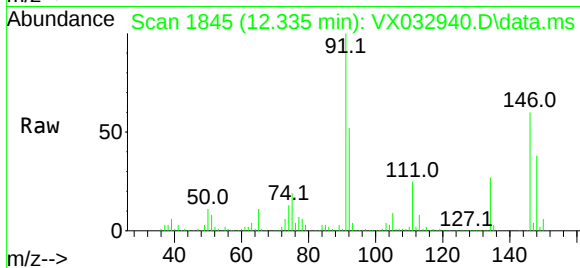
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.6
134	25.8	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/25/2022



#90

Hexachloroethane

Concen: 57.687 ug/l

RT: 12.536 min Scan# 1878

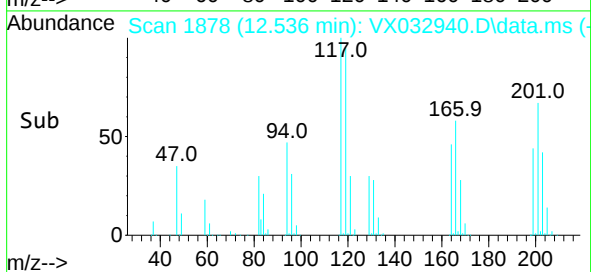
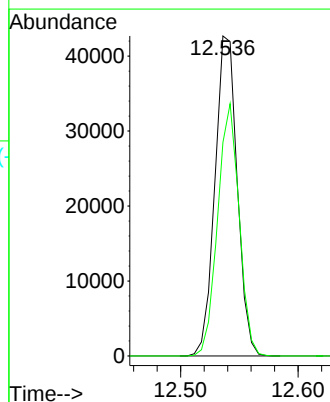
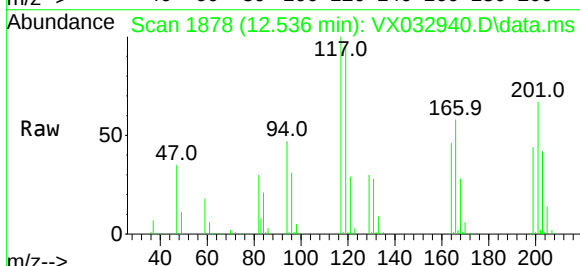
Delta R.T. -0.006 min

Lab File: VX032940.D

Acq: 21 Nov 2022 10:18

Tgt Ion:117 Resp: 56216

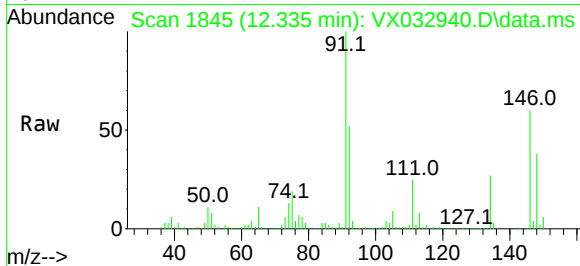
Ion	Ratio	Lower	Upper
117	100		
201	76.1	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 54.731 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

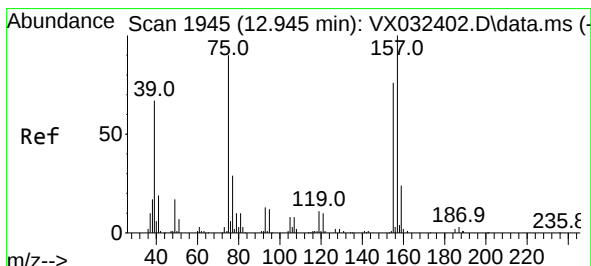
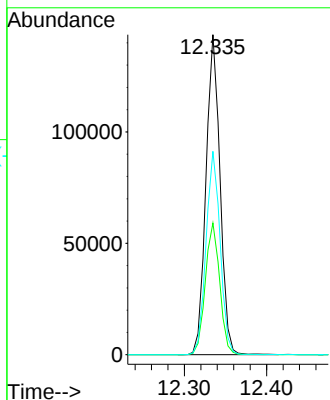
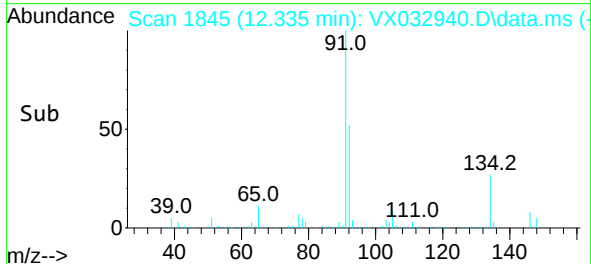
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



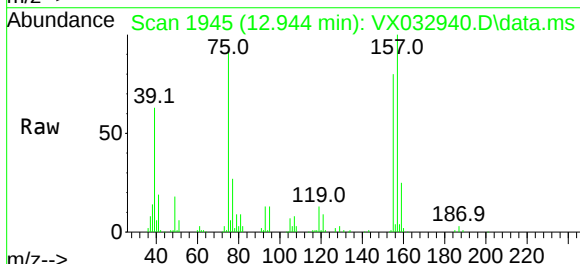
Tgt Ion:146 Resp: 170908
Ion Ratio Lower Upper
146 100
111 42.1 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations
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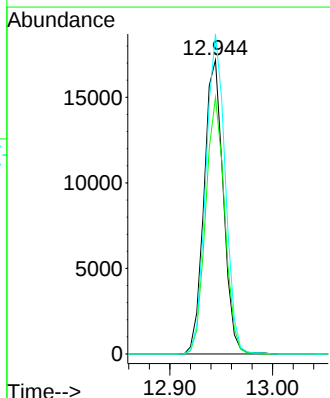
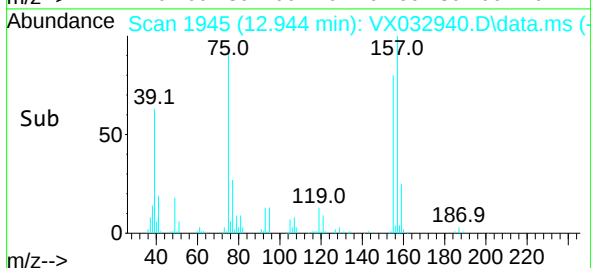
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022

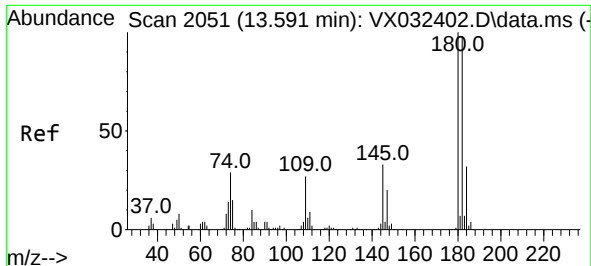


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.431 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion: 75 Resp: 22378
Ion Ratio Lower Upper
75 100
155 86.2 41.6 124.8
157 109.6 54.1 162.4





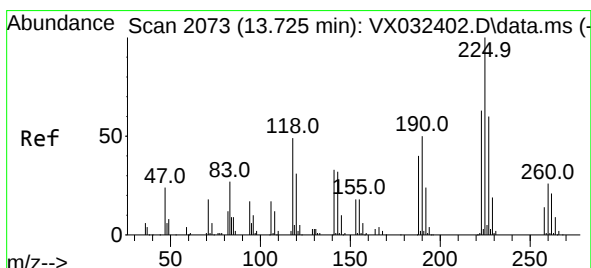
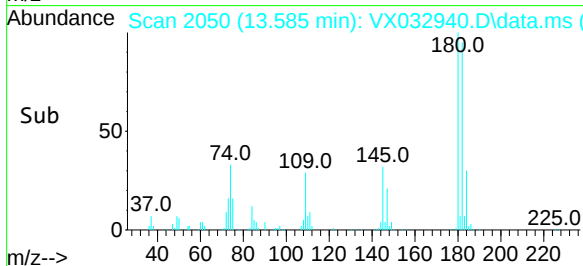
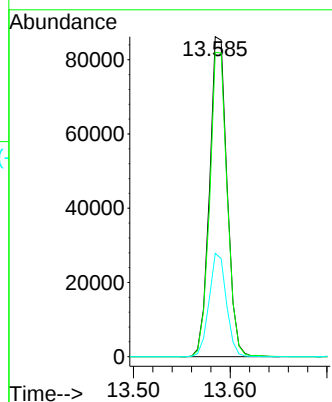
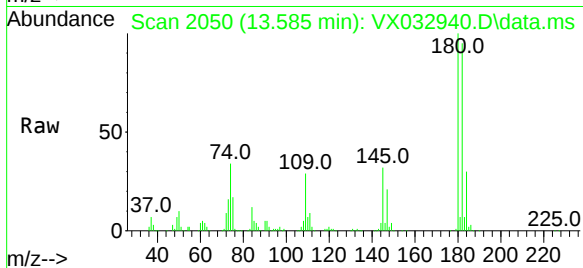
#93
1,2,4-Trichlorobenzene
Concen: 53.300 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 10852
Ion Ratio Lower Upper
180 100
182 95.2 48.4 145.0
145 31.9 16.2 48.5

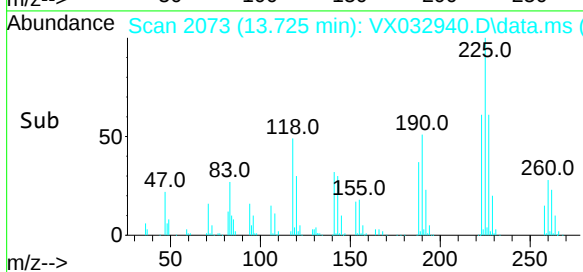
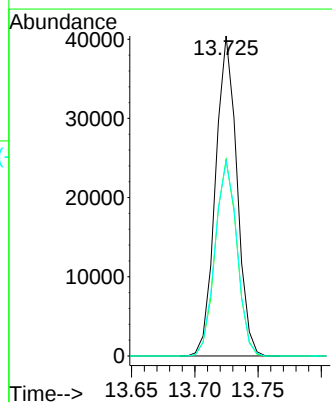
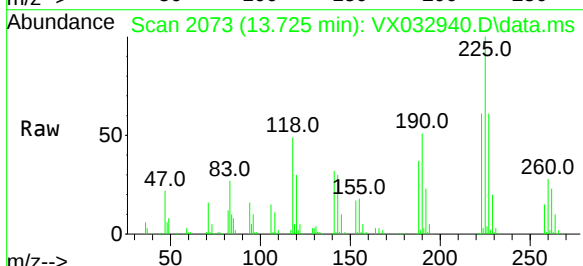
Manual Integrations
APPROVED

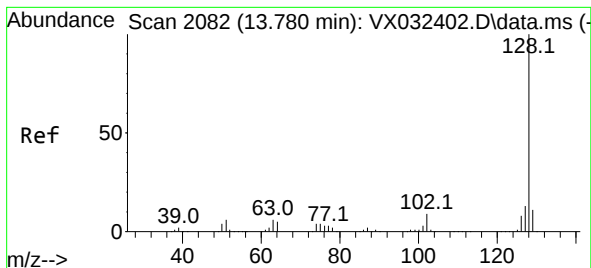
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#94
Hexachlorobutadiene
Concen: 55.828 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

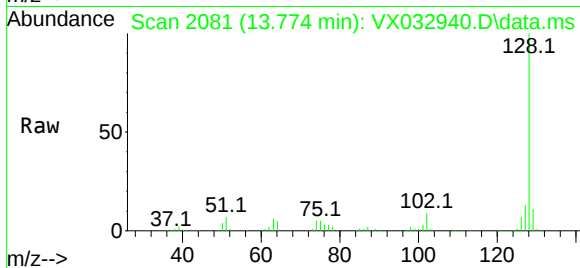
Tgt Ion:225 Resp: 47474
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.9
227 62.7 31.9 95.5





#95
Naphthalene
Concen: 48.877 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18

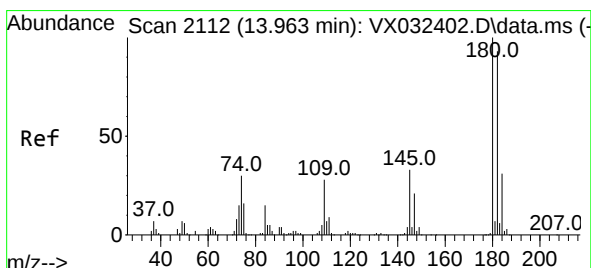
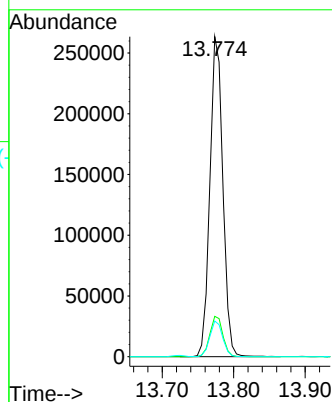
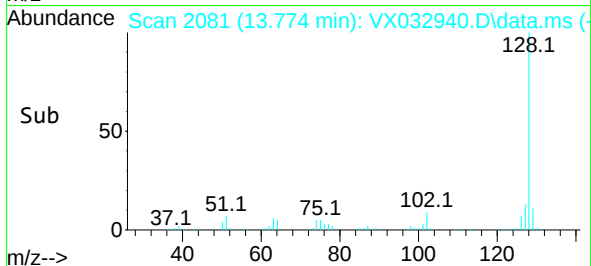
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



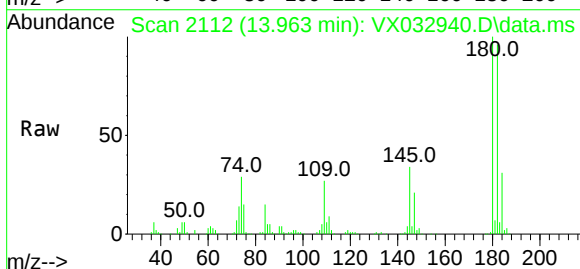
Tgt Ion:128 Resp: 331609
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.583 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032940.D
Acq: 21 Nov 2022 10:18



Tgt Ion:180 Resp: 106764
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 33.6 16.9 50.6

