

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032499.D
 Acq On : 31 Oct 2022 19:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 05:17:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82654	49.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.740%		
35) Dibromofluoromethane	5.385	113	65001	48.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	8.653	98	230415	49.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.079	95	92315	50.949	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	71428	51.917	ug/l	99
3) Chloromethane	1.295	50	57545	49.458	ug/l	99
4) Vinyl Chloride	1.374	62	64297	50.212	ug/l	100
5) Bromomethane	1.612	94	59684	58.324	ug/l	97
6) Chloroethane	1.685	64	41739	48.587	ug/l	99
7) Trichlorofluoromethane	1.886	101	121627	50.128	ug/l	99
8) Diethyl Ether	2.136	74	39079	49.701	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	63883	49.885	ug/l	100
10) Methyl Iodide	2.453	142	79745	55.756	ug/l	100
11) Tert butyl alcohol	2.977	59	54640	226.493	ug/l	98
12) 1,1-Dichloroethene	2.319	96	59050	49.361	ug/l	96
13) Acrolein	2.239	56	70388	292.266	ug/l	99
14) Allyl chloride	2.666	41	95138	49.889	ug/l	98
15) Acrylonitrile	3.063	53	153296	234.140	ug/l	99
16) Acetone	2.380	43	135475	224.886	ug/l	100
17) Carbon Disulfide	2.514	76	137065	48.103	ug/l	100
18) Methyl Acetate	2.703	43	95886	48.947	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	209519	49.831	ug/l	100
20) Methylene Chloride	2.794	84	65829	47.660	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	63806	49.000	ug/l	99
22) Diisopropyl ether	3.757	45	204085	49.477	ug/l #	86
23) Vinyl Acetate	3.721	43	820555	246.227	ug/l	99
24) 1,1-Dichloroethane	3.611	63	117446	49.501	ug/l	99
25) 2-Butanone	4.556	43	214055	229.350	ug/l	99
26) 2,2-Dichloropropane	4.477	77	91892	48.723	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	76398	50.757	ug/l	99
28) Bromochloromethane	4.898	49	37841	44.777	ug/l	98
29) Tetrahydrofuran	5.007	42	138115	232.072	ug/l	99
30) Chloroform	5.099	83	132249	50.798	ug/l	98
31) Cyclohexane	5.471	56	100352	49.935	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	120612	51.627	ug/l	99
36) 1,1-Dichloropropene	5.696	75	93846	50.520	ug/l	99
37) Ethyl Acetate	4.715	43	88710	45.878	ug/l	98
38) Carbon Tetrachloride	5.684	117	105714	51.309	ug/l	97
39) Methylcyclohexane	7.379	83	108784	49.496	ug/l	98
40) Benzene	6.044	78	263021	50.035	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	50054	50.816	ug/l	97
42) 1,2-Dichloroethane	6.086	62	109747	51.073	ug/l	100
43) Isopropyl Acetate	6.342	43	147281	49.609	ug/l	100
44) Trichloroethene	7.129	130	74393	50.272	ug/l	98
45) 1,2-Dichloropropane	7.428	63	67834	50.270	ug/l	96
46) Dibromomethane	7.586	93	52031	50.278	ug/l	100
47) Bromodichloromethane	7.824	83	101240	51.617	ug/l	100
48) Methyl methacrylate	7.696	41	74619	48.665	ug/l	98
49) 1,4-Dioxane	7.684	88	27939	956.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	457234	244.509	ug/l	100
52) Toluene	8.720	92	173933	50.715	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104524	52.231	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	111118	51.914	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	71565	49.548	ug/l	98
56) Ethyl methacrylate	9.116	69	106309	51.146	ug/l	99
57) 1,3-Dichloropropane	9.311	76	116178	49.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	247141	246.934	ug/l	99
59) 2-Hexanone	9.433	43	338395	243.876	ug/l	99
60) Dibromochloromethane	9.525	129	81763	51.827	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78320	51.176	ug/l	99
64) Tetrachloroethene	9.275	164	62888	49.854	ug/l	97
65) Chlorobenzene	10.080	112	190732	49.404	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	75167	51.733	ug/l	98
67) Ethyl Benzene	10.195	91	348736	50.514	ug/l	100
68) m/p-Xylenes	10.305	106	270490	100.900	ug/l	99
69) o-Xylene	10.640	106	132243	50.737	ug/l	100
70) Styrene	10.659	104	222522	51.371	ug/l	99
71) Bromoform	10.799	173	60038	52.262	ug/l #	100
73) Isopropylbenzene	10.964	105	356555	48.273	ug/l	100
74) N-amyl acetate	10.842	43	137227	49.170	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	110870	46.763	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	101006m	48.707	ug/l	
77) Bromobenzene	11.201	156	87631	48.393	ug/l	99
78) n-propylbenzene	11.305	91	411444	48.348	ug/l	100
79) 2-Chlorotoluene	11.366	91	247608	48.584	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	311060	49.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31698	48.639	ug/l	99
82) 4-Chlorotoluene	11.457	91	292204	48.998	ug/l	100
83) tert-Butylbenzene	11.713	119	311246	49.385	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	309644	49.317	ug/l	99
85) sec-Butylbenzene	11.890	105	375572	49.524	ug/l	100
86) p-Isopropyltoluene	12.012	119	321276	49.927	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	167241	48.961	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	168660	47.595	ug/l	99
89) n-Butylbenzene	12.335	91	276164	49.331	ug/l	100
90) Hexachloroethane	12.543	117	53514	50.914	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	164830	48.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24979	48.052	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	102856	46.835	ug/l	99
94) Hexachlorobutadiene	13.725	225	42297	46.116	ug/l	99
95) Naphthalene	13.774	128	343881	46.993	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102228	45.793	ug/l	98

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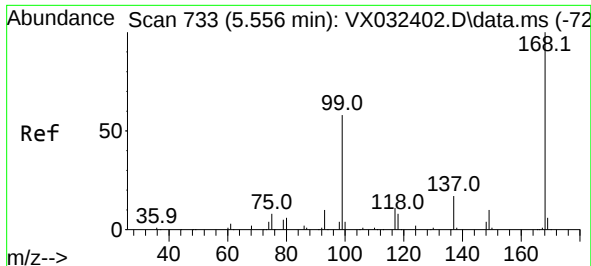
Manual Integrations
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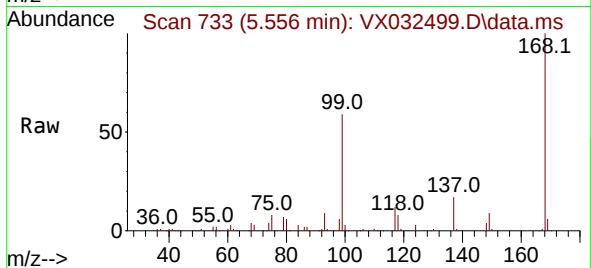
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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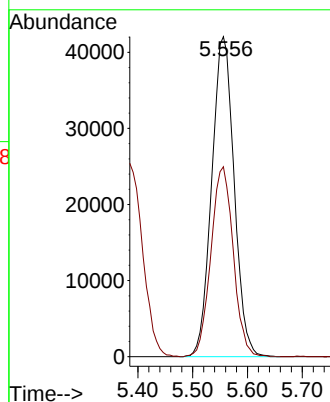
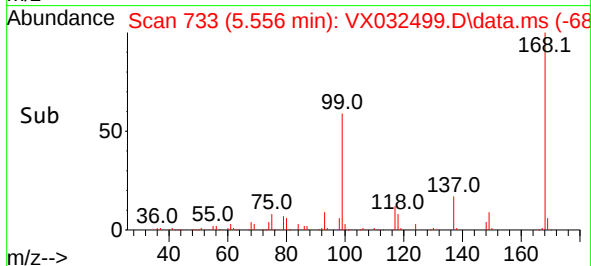
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 11928
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1

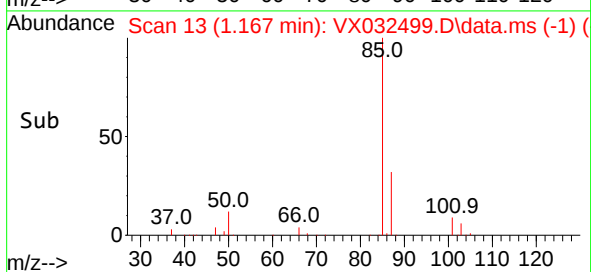
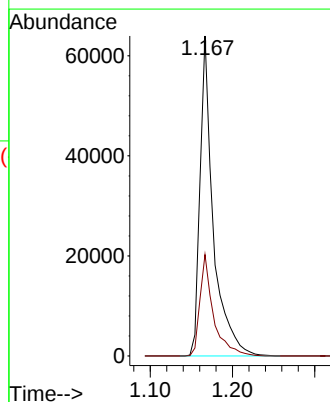
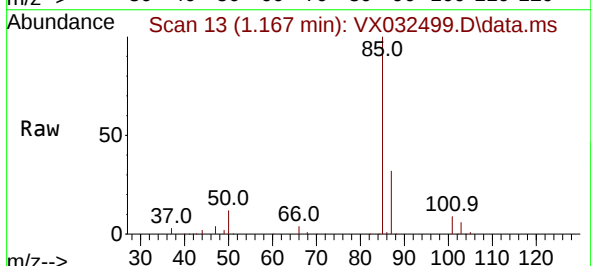
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#2
Dichlorodifluoromethane
Concen: 51.917 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 85 Resp: 71428
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.7





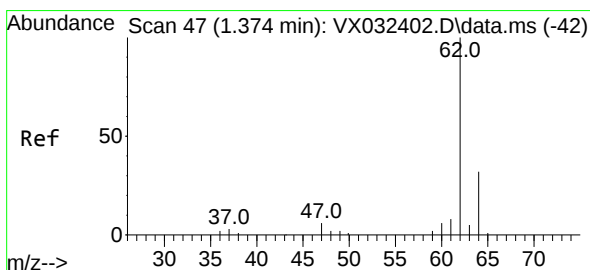
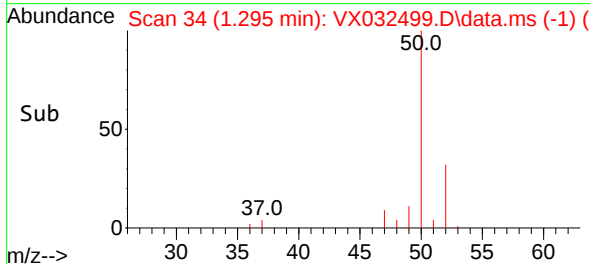
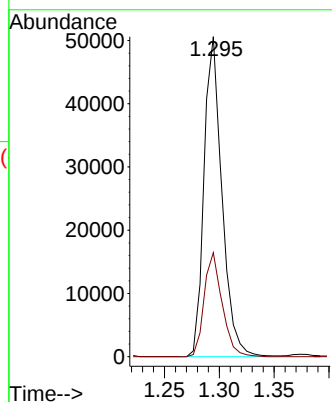
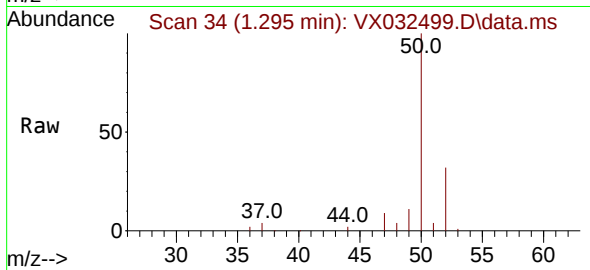
#3
Chloromethane
Concen: 49.458 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 57549
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

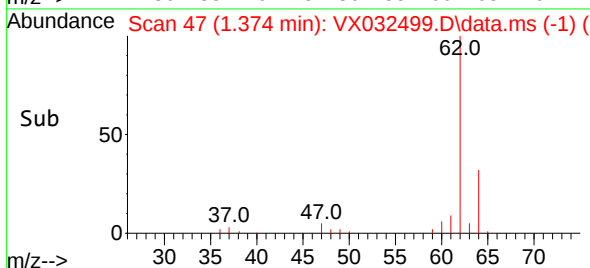
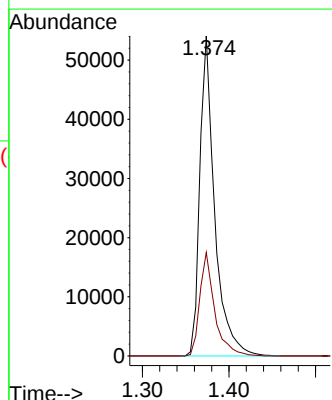
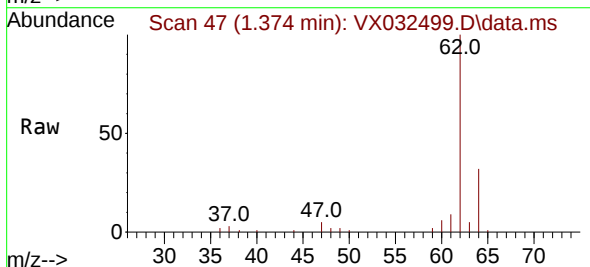
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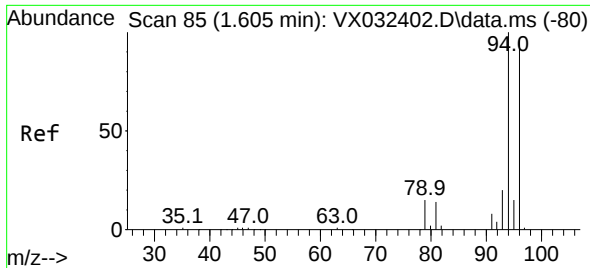
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#4
Vinyl Chloride
Concen: 50.212 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

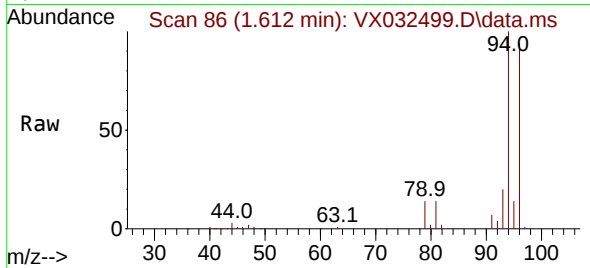
Tgt Ion: 62 Resp: 64297
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 58.324 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

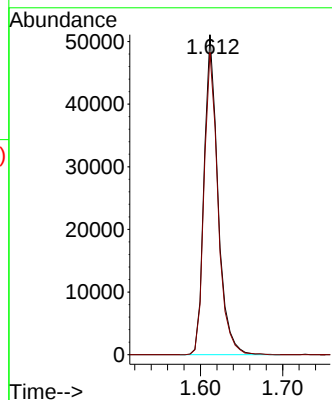
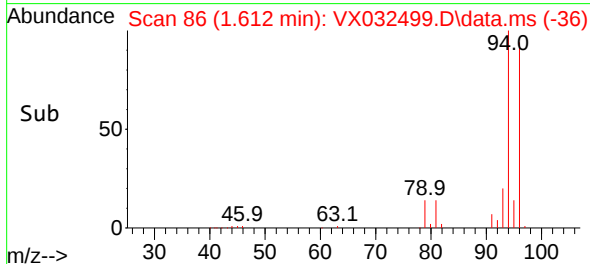
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 59684
Ion Ratio Lower Upper
94 100
96 94.4 77.6 116.4

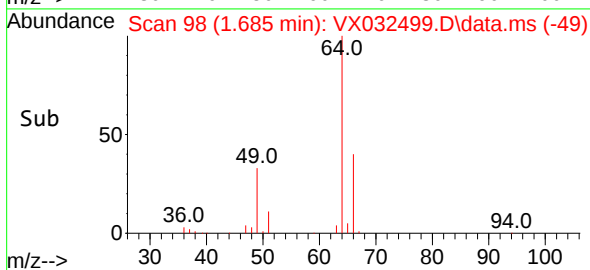
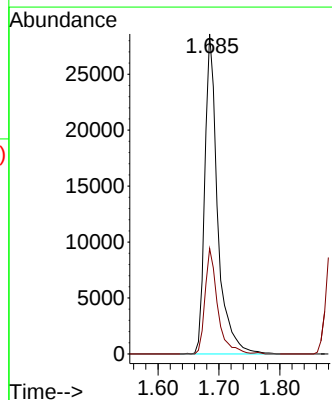
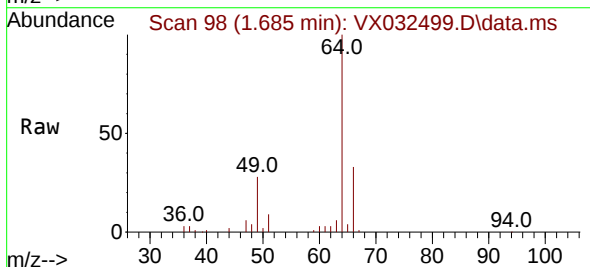
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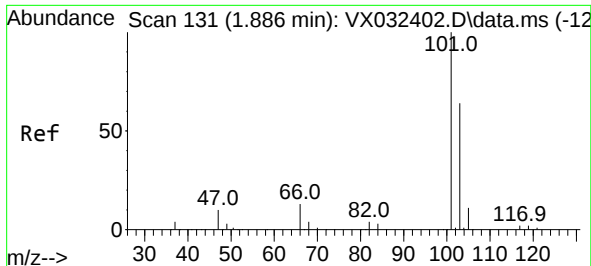
Reviewed By :John Carlone 11/01/2022
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#6
Chloroethane
Concen: 48.587 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

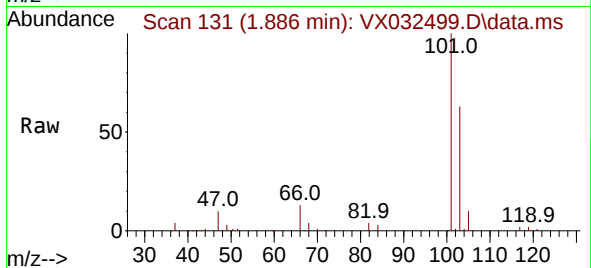
Tgt Ion: 64 Resp: 41739
Ion Ratio Lower Upper
64 100
66 32.9 26.0 39.0





#7
Trichlorofluoromethane
Concen: 50.128 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032499.D
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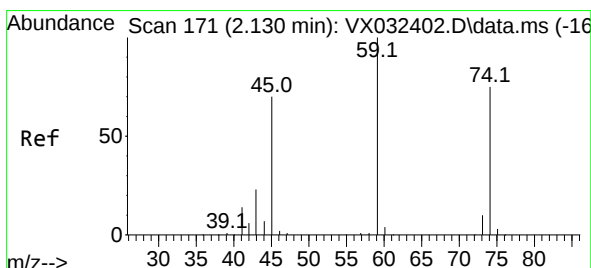
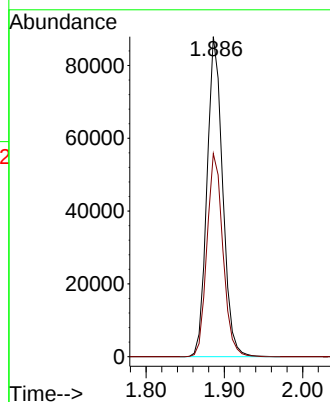
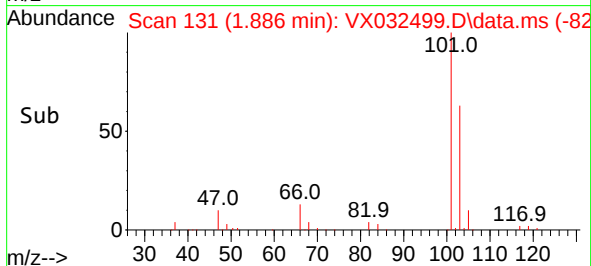
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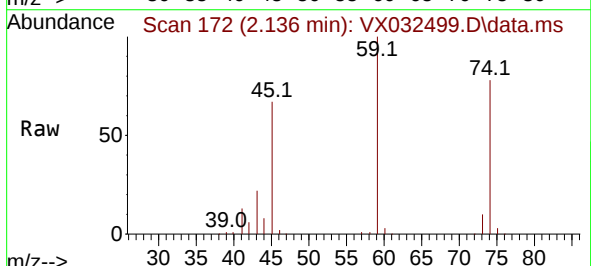
Tgt Ion:101 Resp: 12162
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

Manual Integrations
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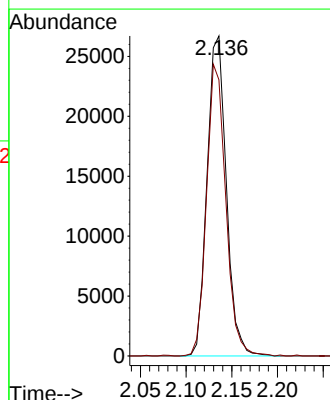
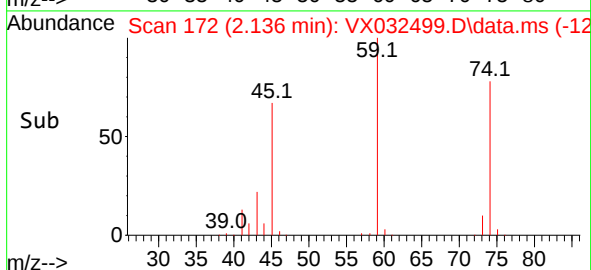
Reviewed By :John Carlone 11/01/2022
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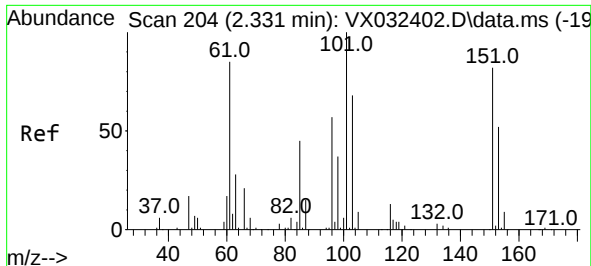


#8
Diethyl Ether
Concen: 49.701 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



Tgt Ion: 74 Resp: 39079
Ion Ratio Lower Upper
74 100
45 91.2 46.6 139.7





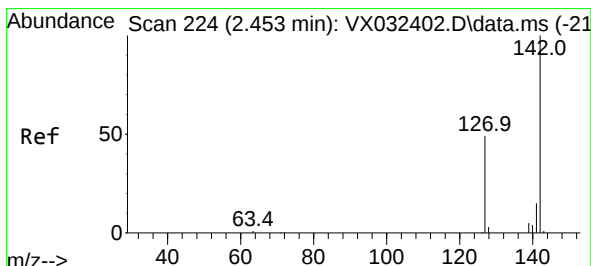
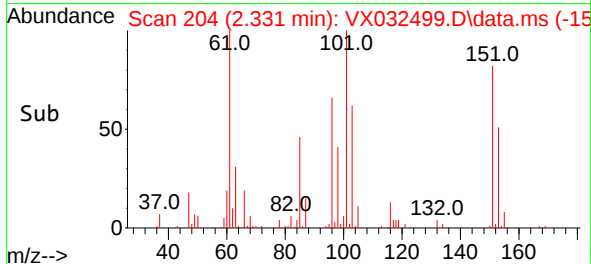
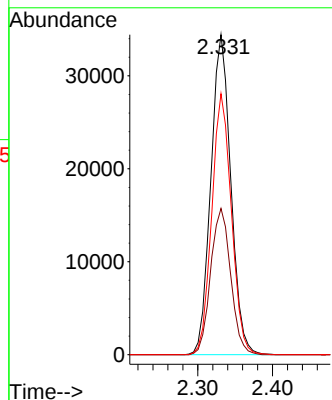
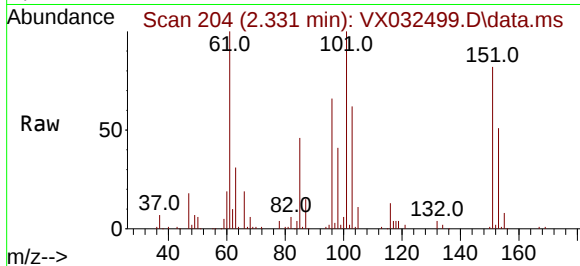
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.885 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 6388
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.4
151 80.2 64.4 96.6

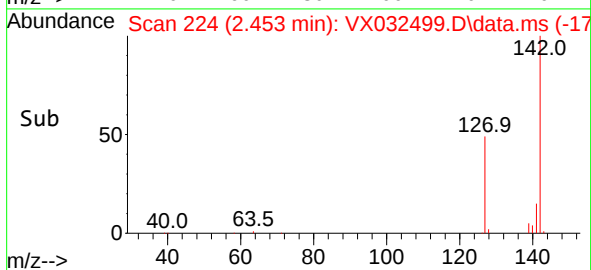
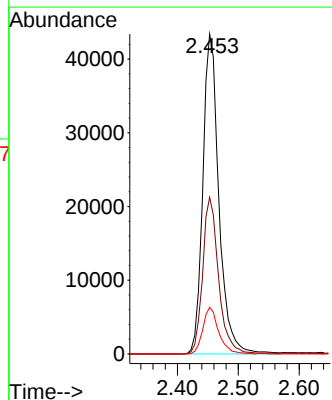
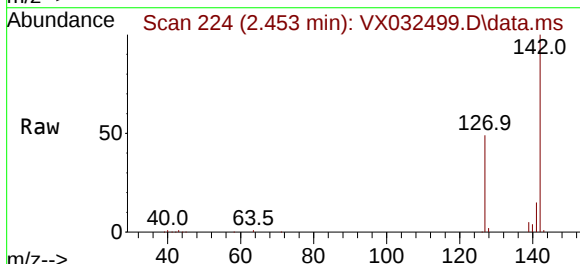
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#10
Methyl Iodide
Concen: 55.756 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:142 Resp: 79745
Ion Ratio Lower Upper
142 100
127 48.3 38.6 57.8
141 14.4 11.4 17.2





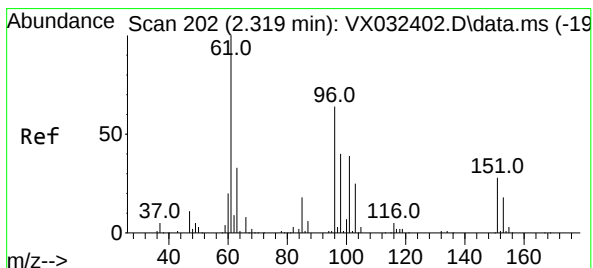
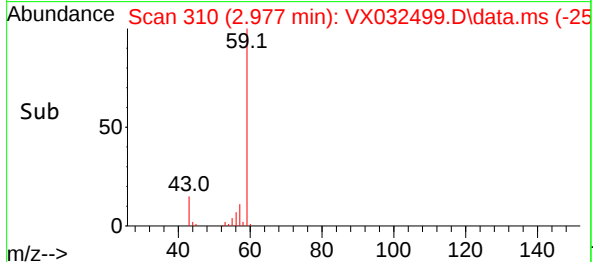
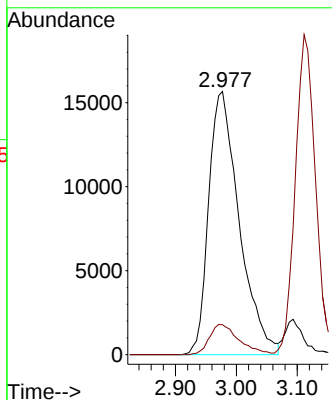
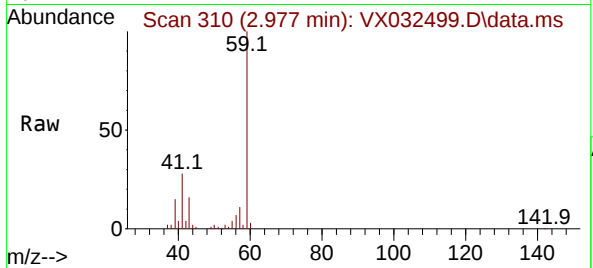
#11
Tert butyl alcohol
Concen: 226.493 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 54640
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4

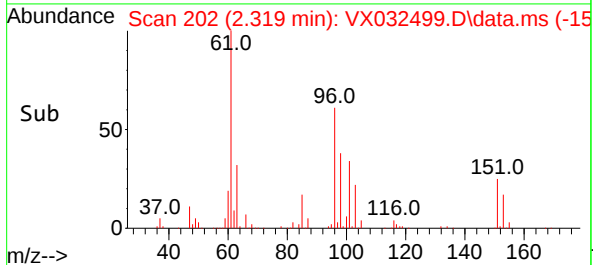
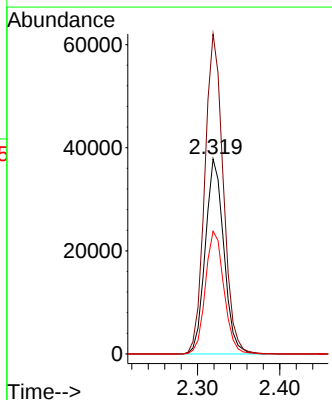
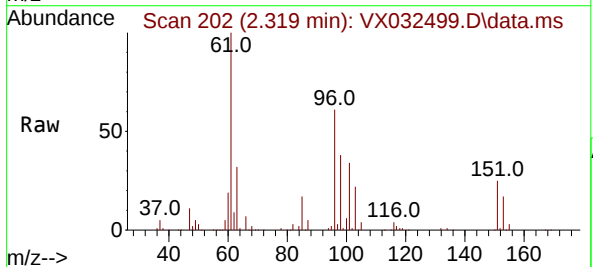
Manual Integrations
APPROVED

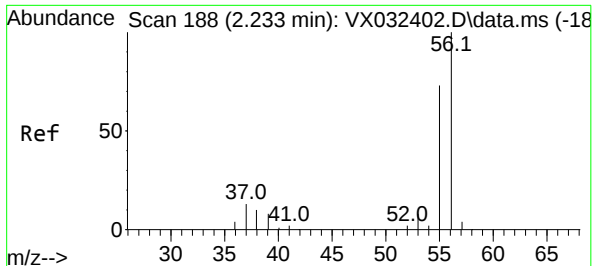
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#12
1,1-Dichloroethene
Concen: 49.361 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

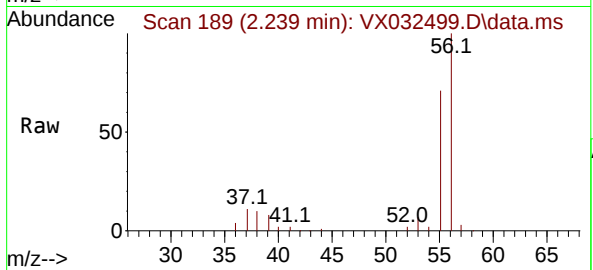
Tgt Ion: 96 Resp: 59050
Ion Ratio Lower Upper
96 100
61 164.1 125.1 187.7
98 63.0 50.6 76.0





#13
Acrolein
Concen: 292.266 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

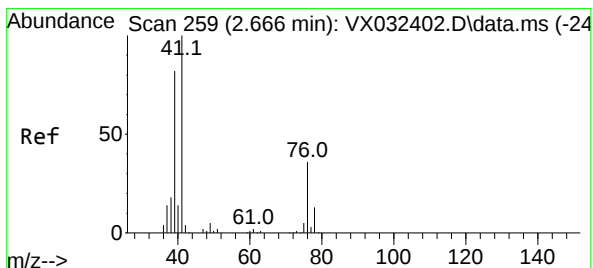
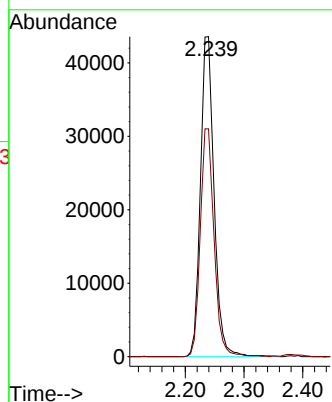
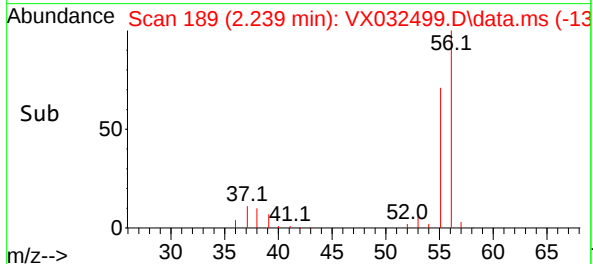
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7038
Ion Ratio Lower Upper
56 100
55 72.1 56.9 85.3

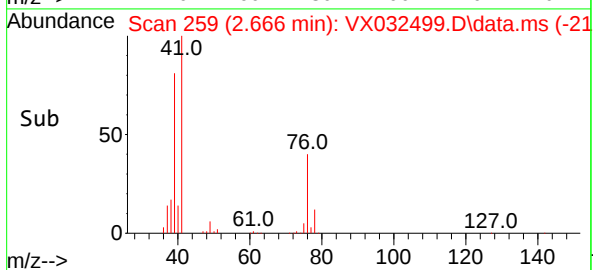
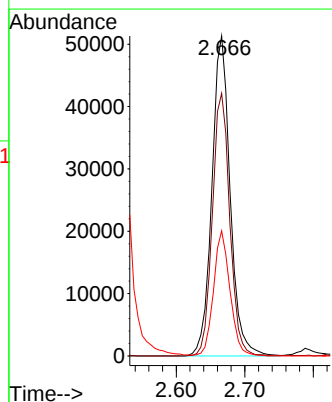
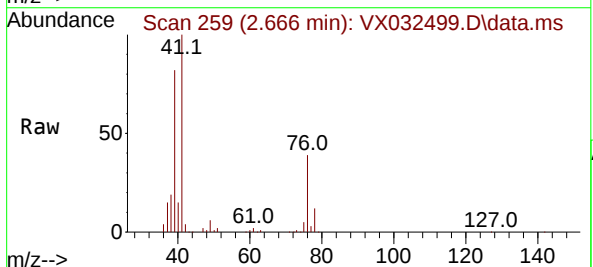
Manual Integrations
APPROVED

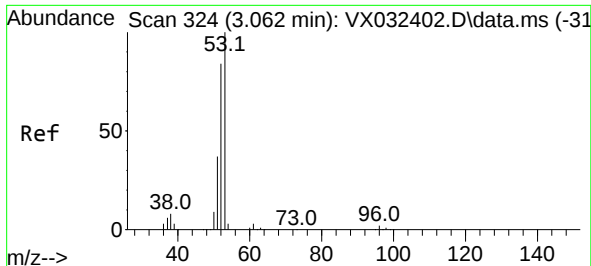
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#14
Allyl chloride
Concen: 49.889 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

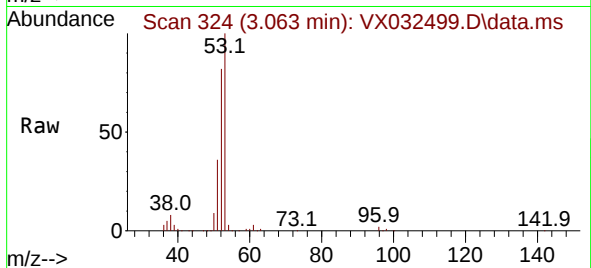
Tgt Ion: 41 Resp: 95138
Ion Ratio Lower Upper
41 100
39 78.1 61.4 92.2
76 35.2 29.2 43.8





#15
Acrylonitrile
Concen: 234.140 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

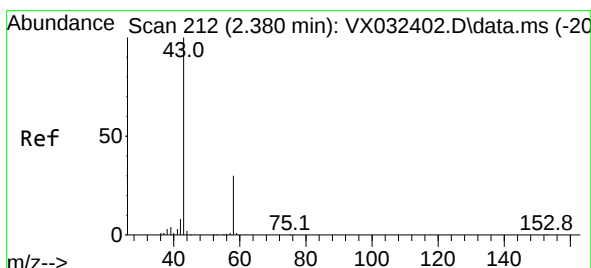
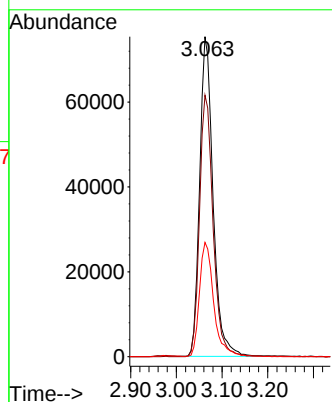
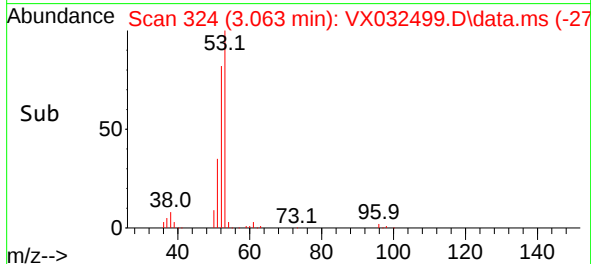
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 153290
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.0
51 38.2 30.3 45.5

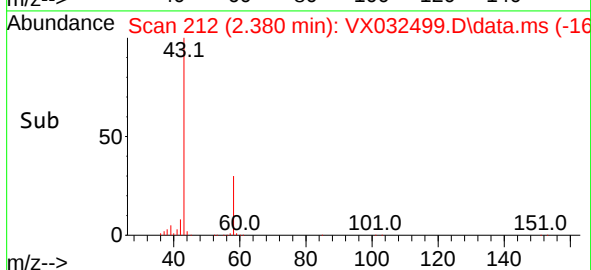
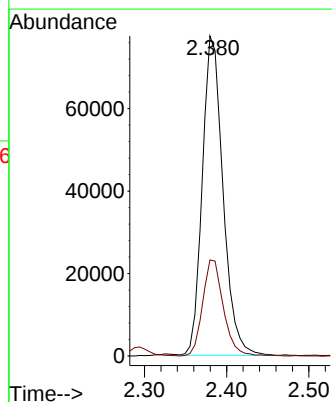
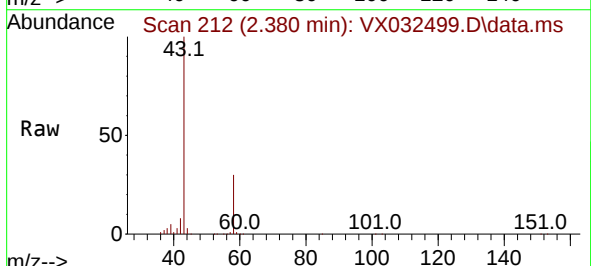
Manual Integrations
APPROVED

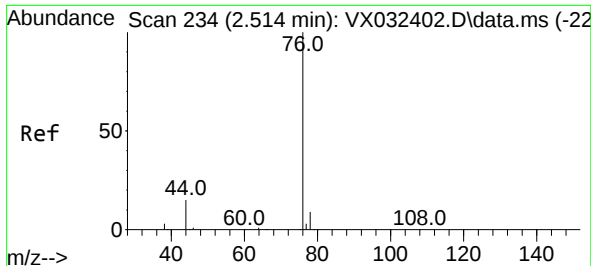
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#16
Acetone
Concen: 224.886 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 43 Resp: 135475
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





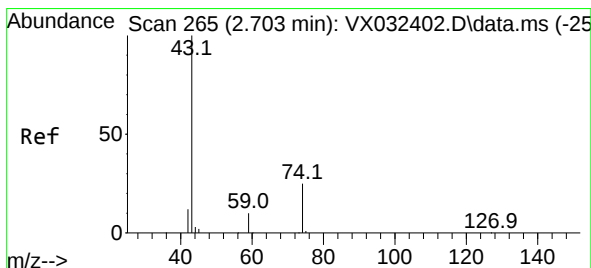
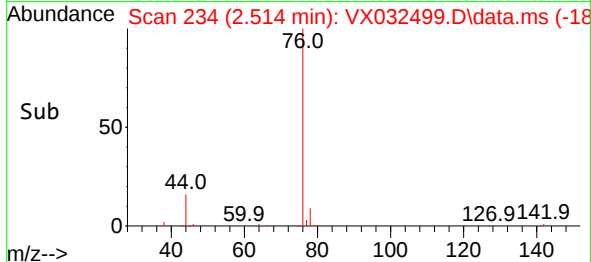
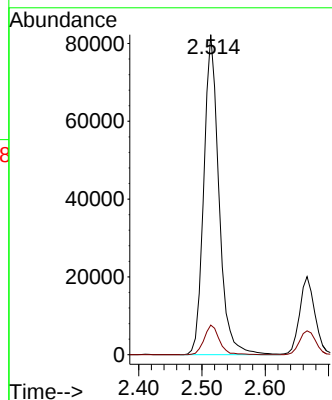
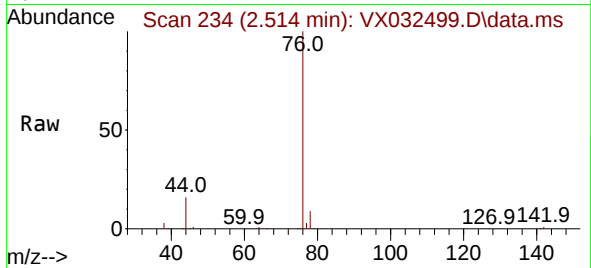
#17
Carbon Disulfide
Concen: 48.103 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 137065
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

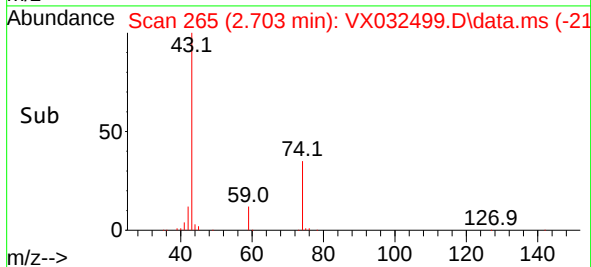
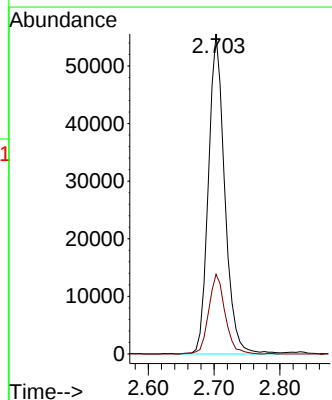
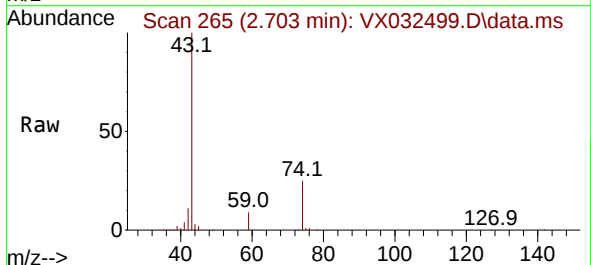
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#18
Methyl Acetate
Concen: 48.947 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 43 Resp: 95886
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.0





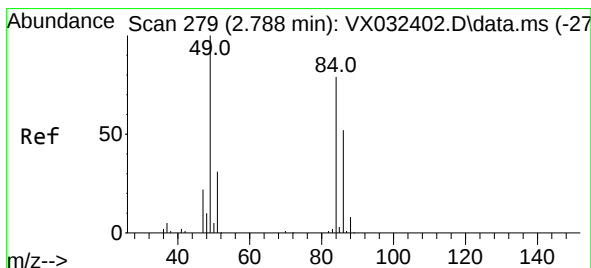
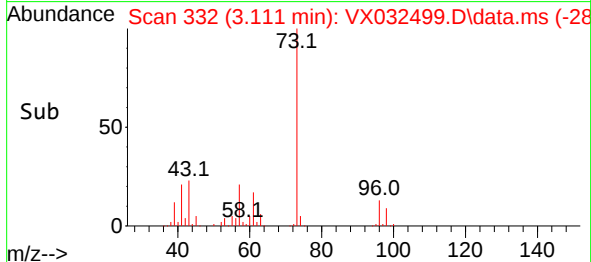
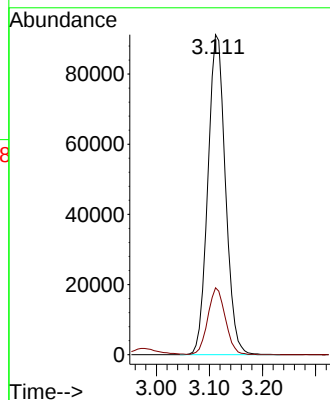
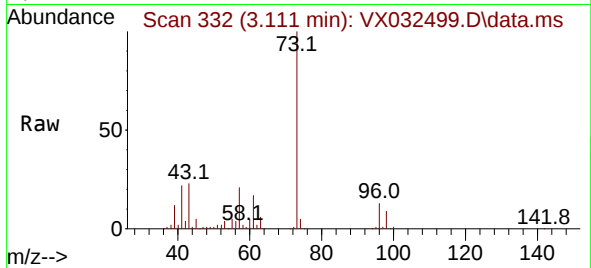
#19
Methyl tert-butyl Ether
Concen: 49.831 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 209519
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0

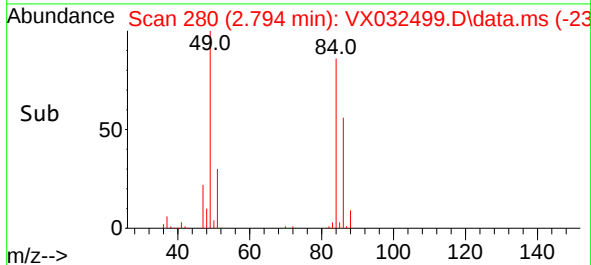
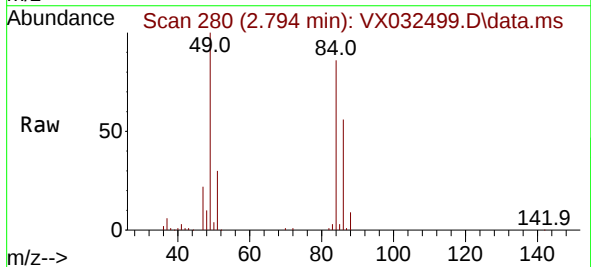
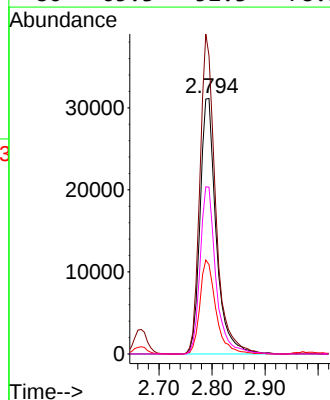
Manual Integrations
APPROVED

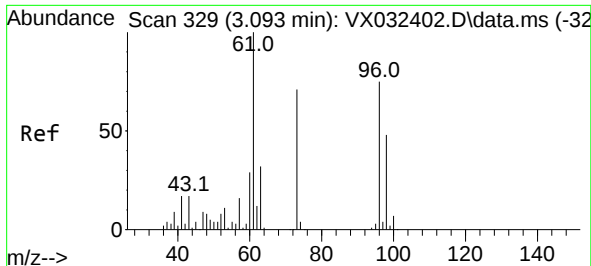
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
Methylene Chloride
Concen: 47.660 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

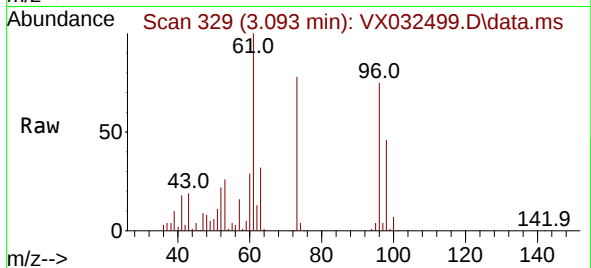
Tgt Ion: 84 Resp: 65829
Ion Ratio Lower Upper
84 100
49 116.7 101.0 151.6
51 34.9 31.1 46.7
86 65.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.000 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

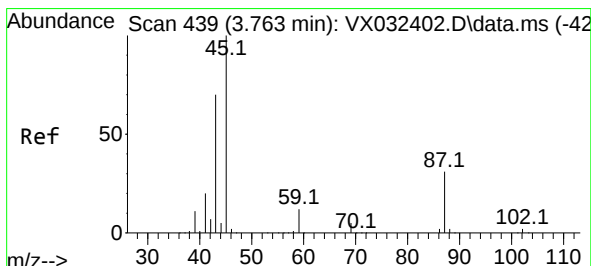
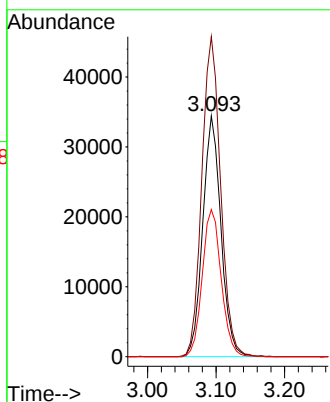
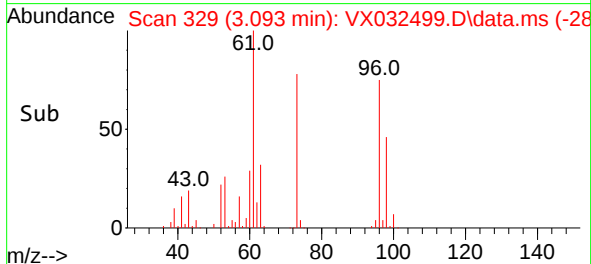
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 63800
Ion Ratio Lower Upper
96 100
61 132.9 106.6 160.0
98 61.1 51.0 76.6

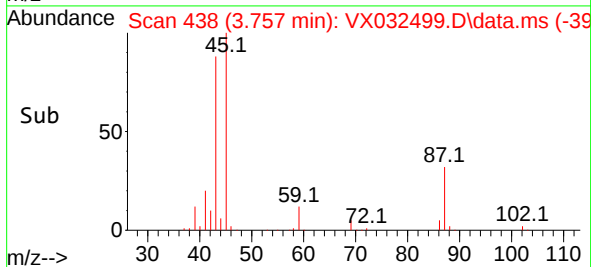
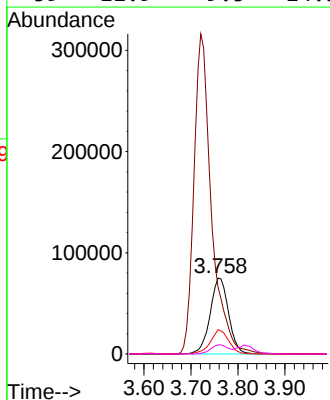
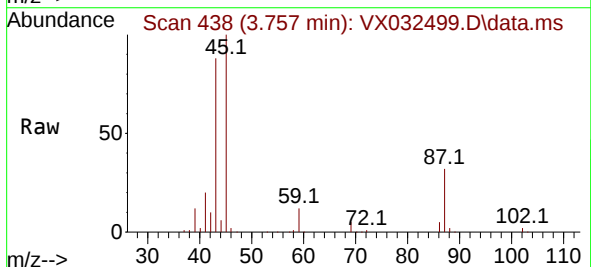
Manual Integrations
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Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#22
Diisopropyl ether
Concen: 49.477 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

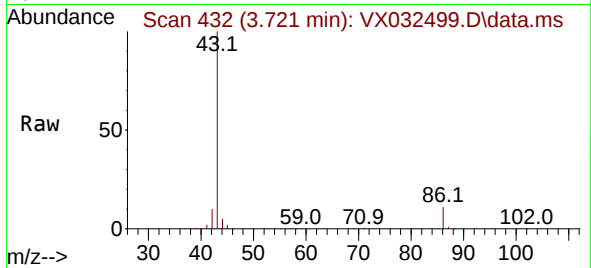
Tgt Ion: 45 Resp: 204085
Ion Ratio Lower Upper
45 100
43 87.8 56.4 84.6#
87 32.1 24.4 36.6
59 11.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 246.227 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36

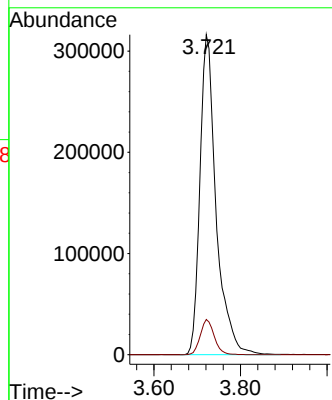
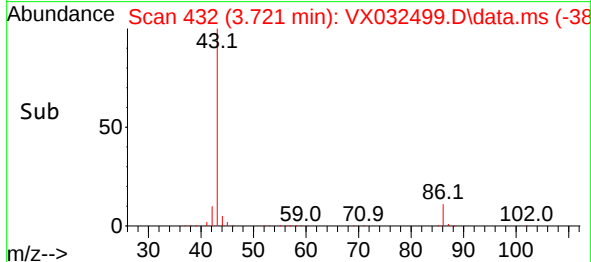
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



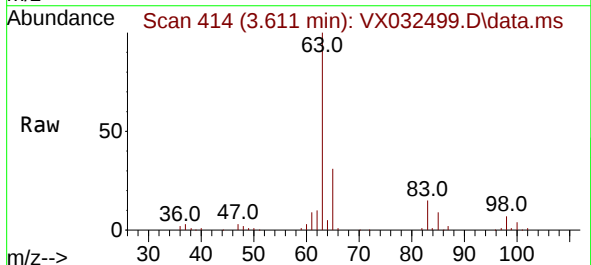
Tgt Ion: 43 Resp: 82055
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8

Manual Integrations
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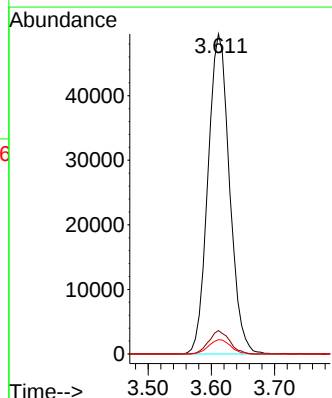
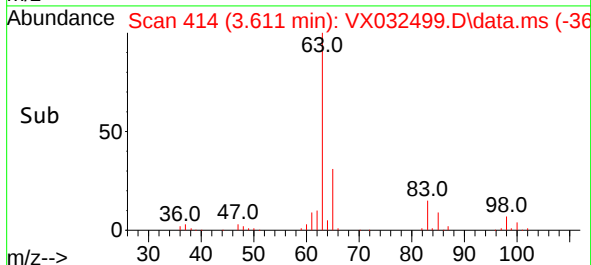
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

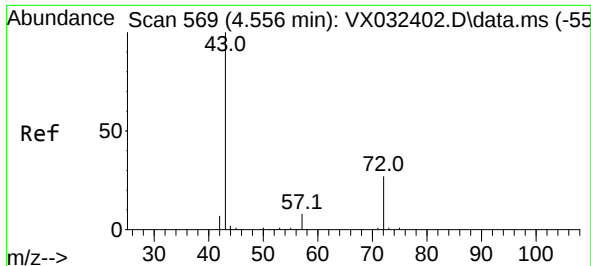


#24
 1,1-Dichloroethane
 Concen: 49.501 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36



Tgt Ion: 63 Resp: 117446
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.4 2.3 6.8





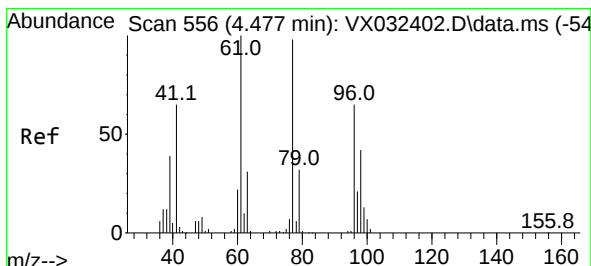
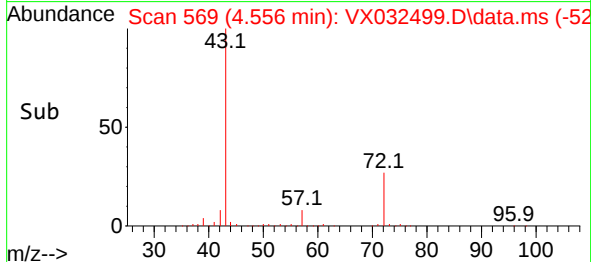
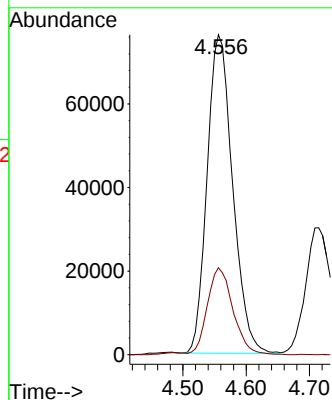
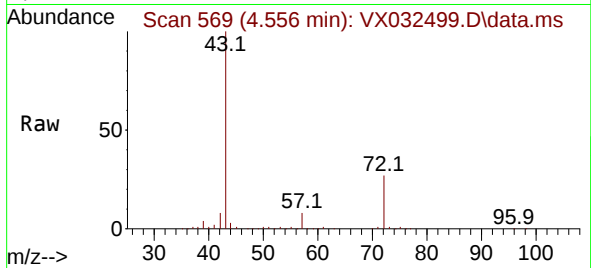
#25
2-Butanone
Concen: 229.350 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 21405
Ion Ratio Lower Upper
43 100
72 27.1 22.2 33.2

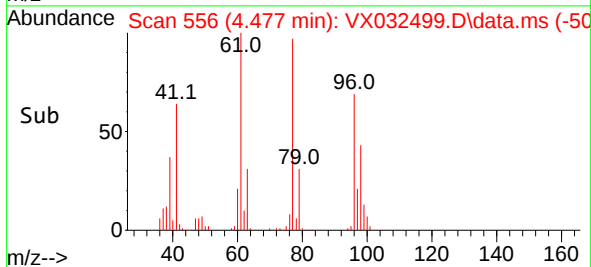
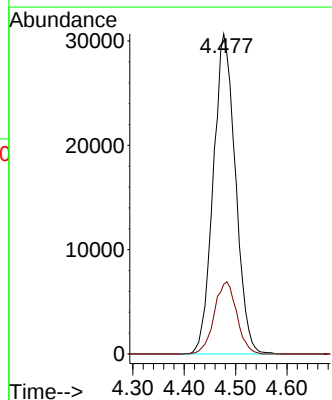
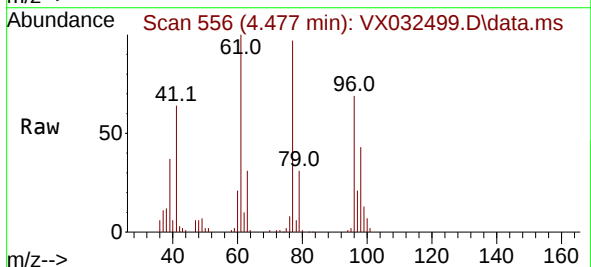
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#26
2,2-Dichloropropane
Concen: 48.723 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

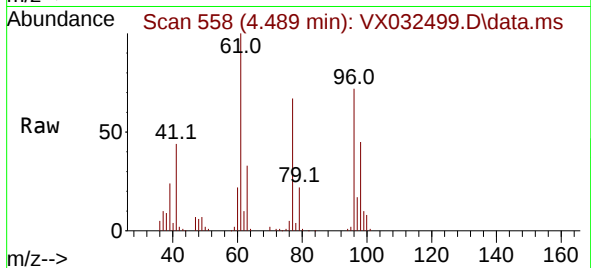
Tgt Ion: 77 Resp: 91892
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 50.757 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36

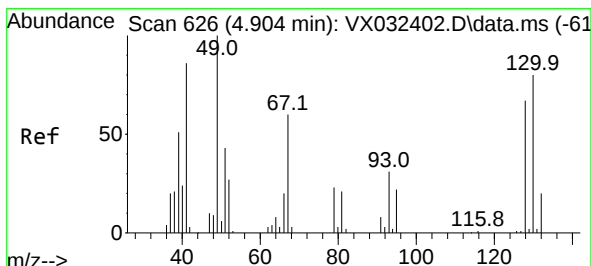
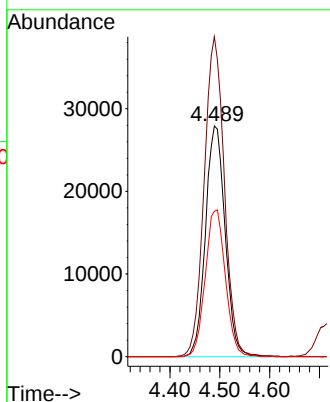
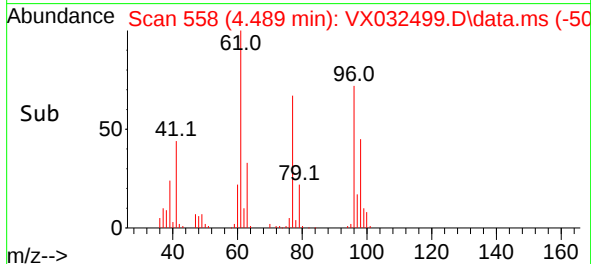
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



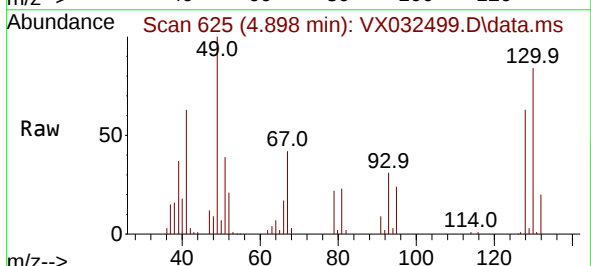
Tgt Ion: 96 Resp: 76398
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 286.0
 98 65.2 0.0 129.6

Manual Integrations
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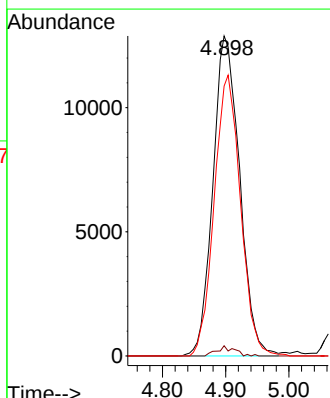
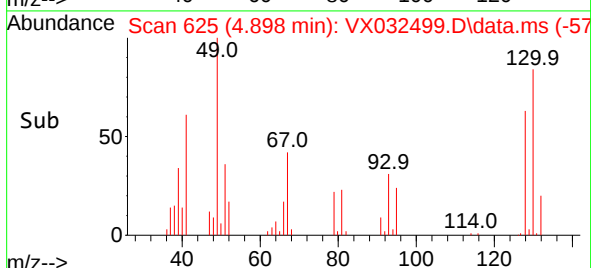
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

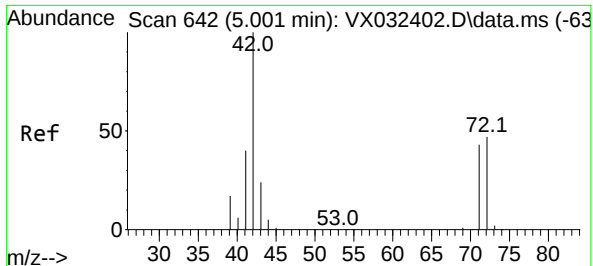


#28
 Bromochloromethane
 Concen: 44.777 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36



Tgt Ion: 49 Resp: 37841
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 86.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.072 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 13811

Ion Ratio Lower Upper

42 100

72 46.5 37.6 56.4

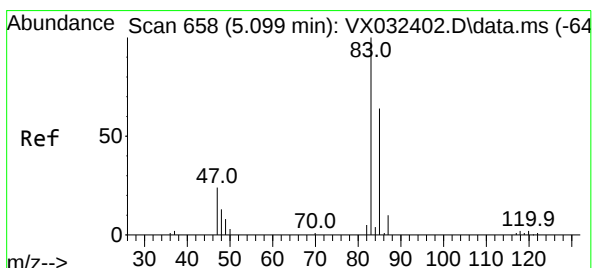
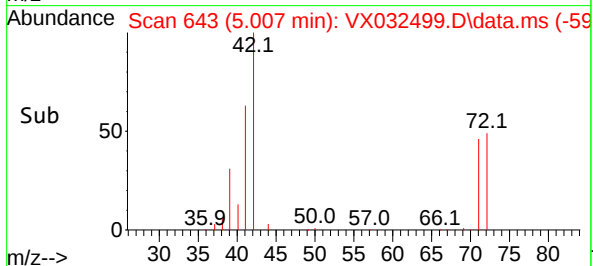
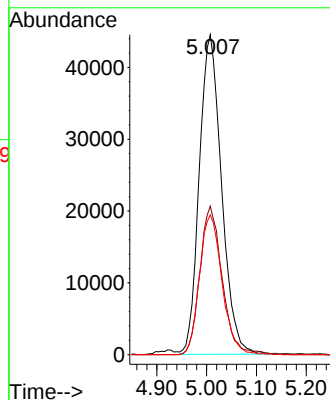
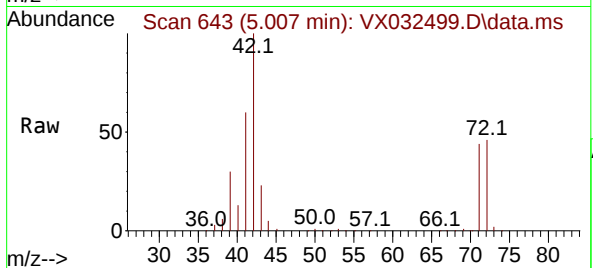
71 44.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#30

Chloroform

Concen: 50.798 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032499.D

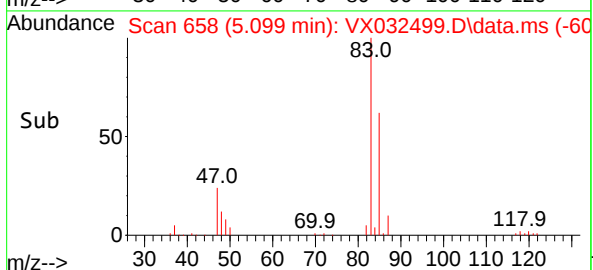
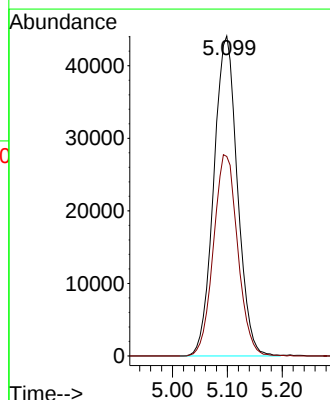
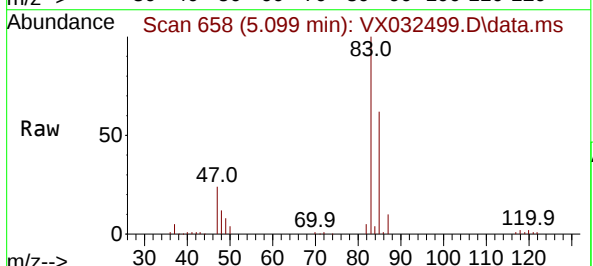
Acq: 31 Oct 2022 19:36

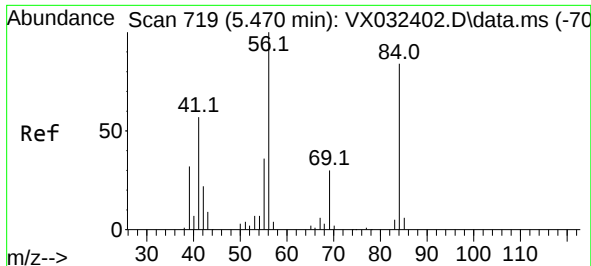
Tgt Ion: 83 Resp: 132249

Ion Ratio Lower Upper

83 100

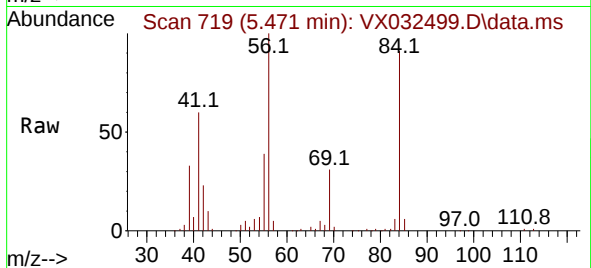
85 62.3 51.1 76.7





#31
Cyclohexane
Concen: 49.935 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

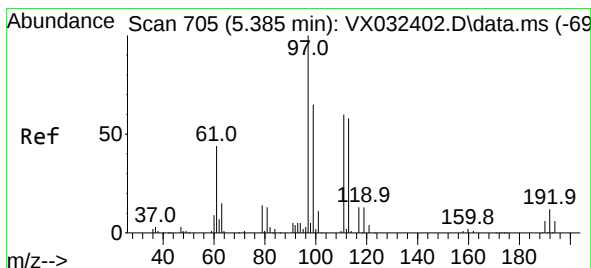
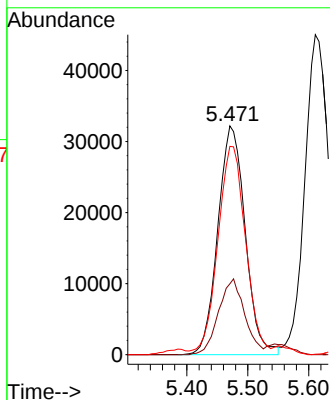
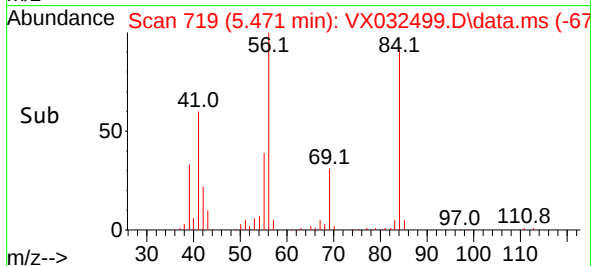
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 100352
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 88.6 66.9 100.3

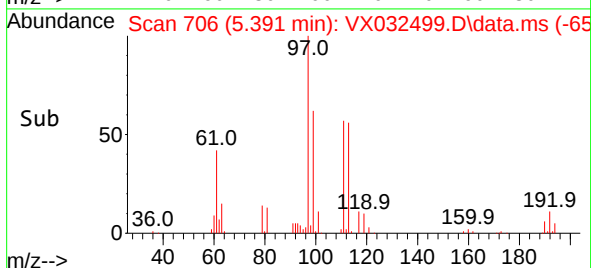
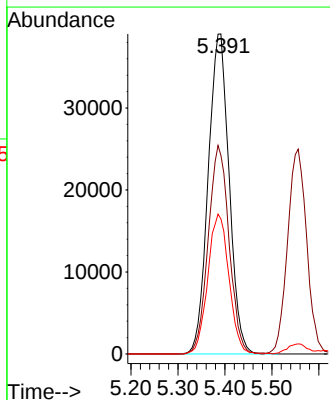
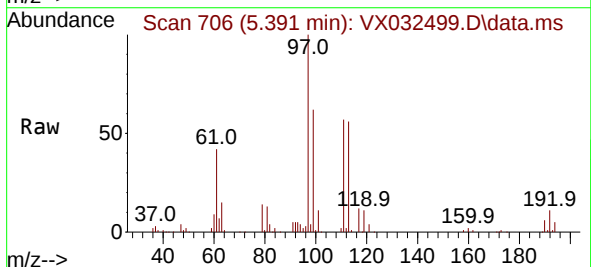
Manual Integrations
APPROVED

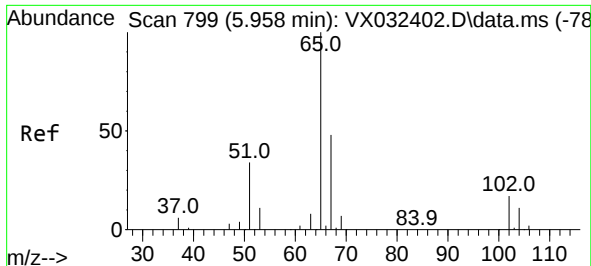
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#32
1,1,1-Trichloroethane
Concen: 51.627 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 97 Resp: 120612
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 44.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.867 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 82654

Ion Ratio Lower Upper

65 100

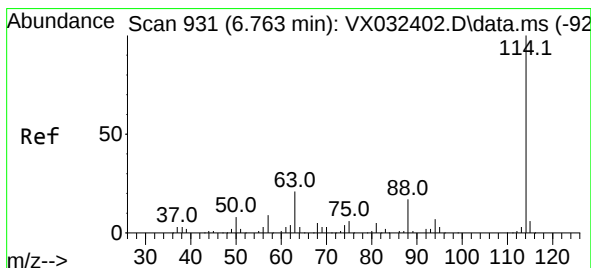
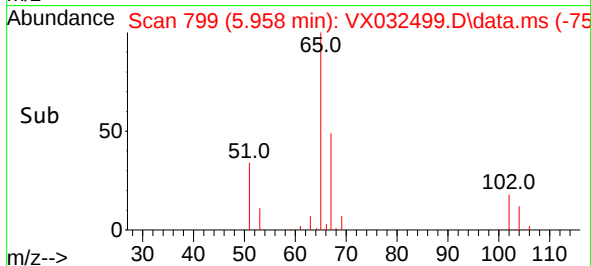
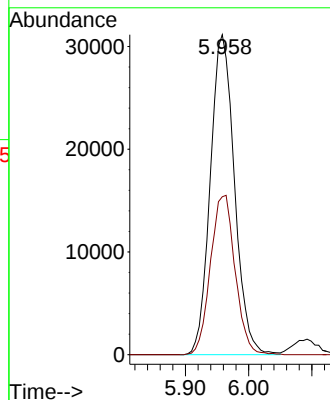
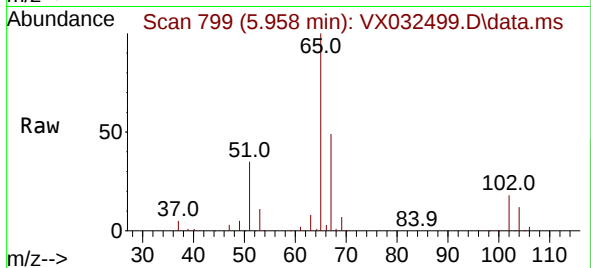
67 50.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

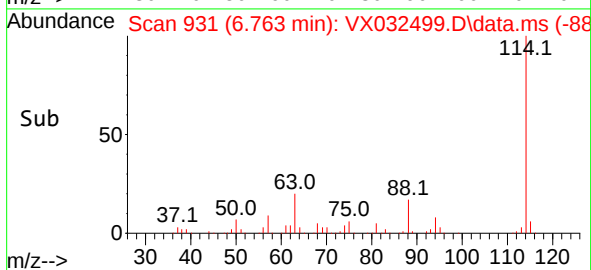
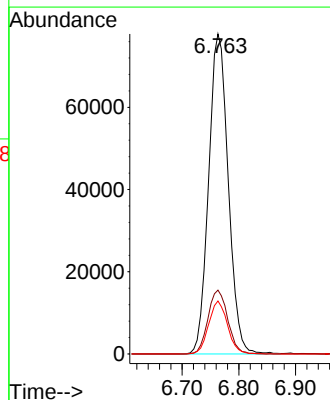
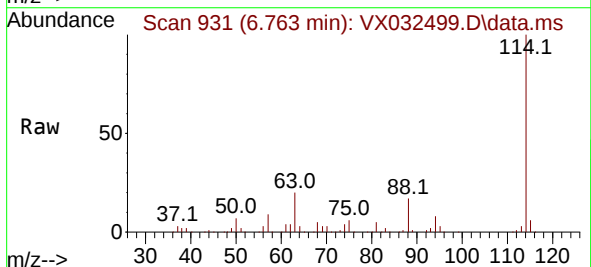
Tgt Ion:114 Resp: 187010

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.728 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 6500

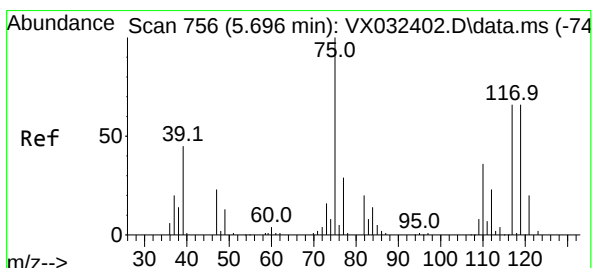
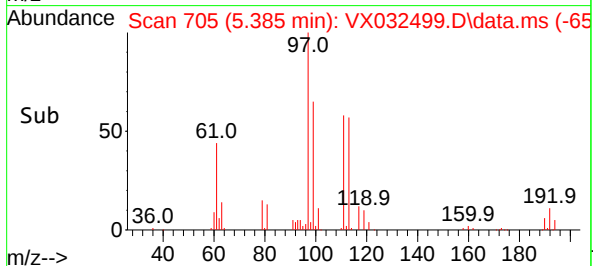
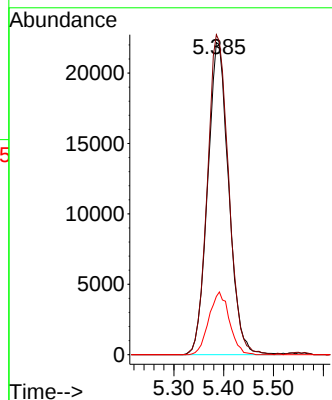
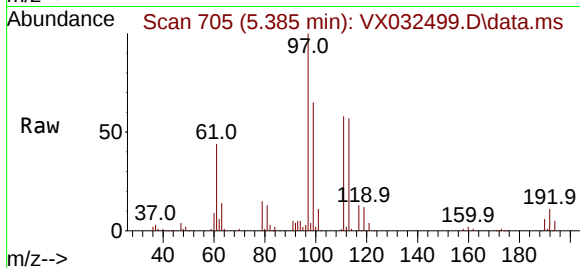
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	19.6	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#36

1,1-Dichloropropene

Concen: 50.520 ug/l

RT: 5.696 min Scan# 756

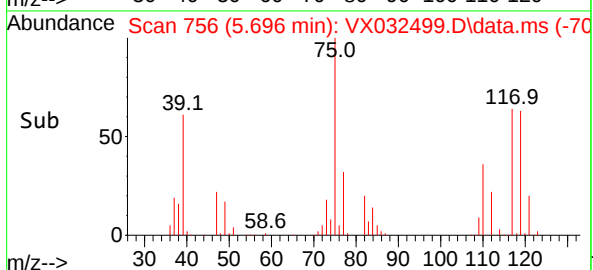
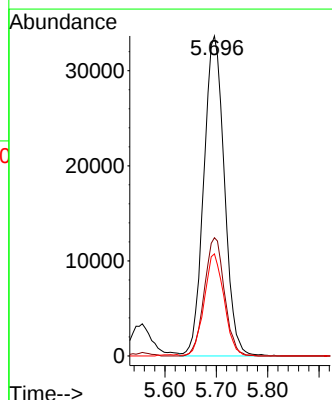
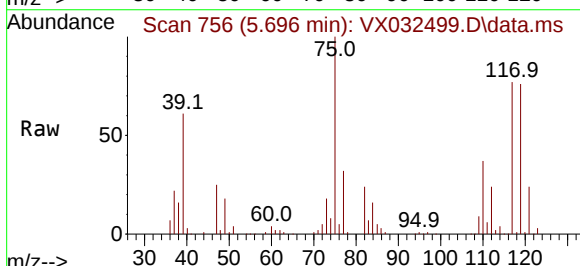
Delta R.T. 0.000 min

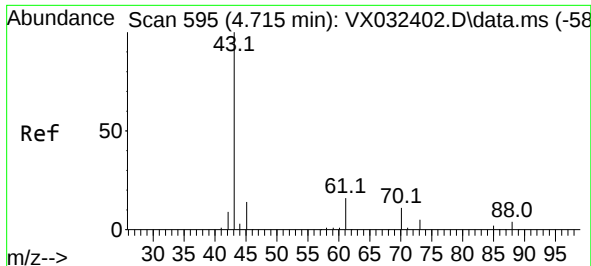
Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Tgt Ion: 75 Resp: 93846

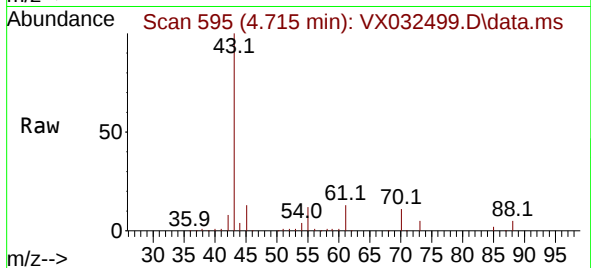
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.4	55.2
77	30.8	24.5	36.7





#37
Ethyl Acetate
Concen: 45.878 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

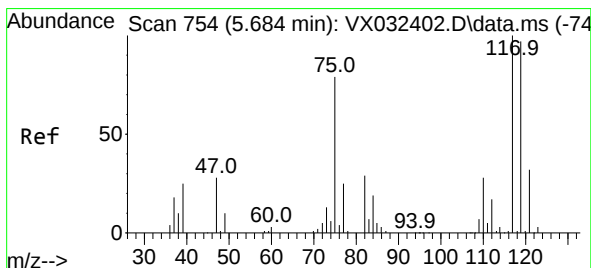
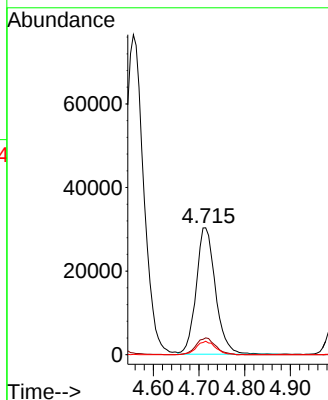
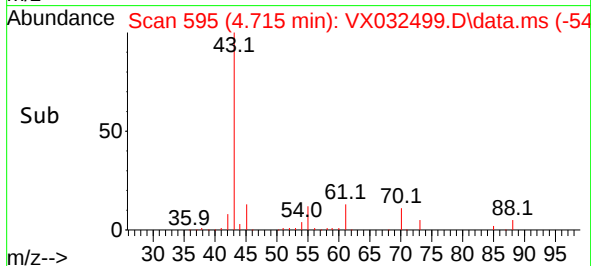
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 88710
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 10.5 9.1 13.7

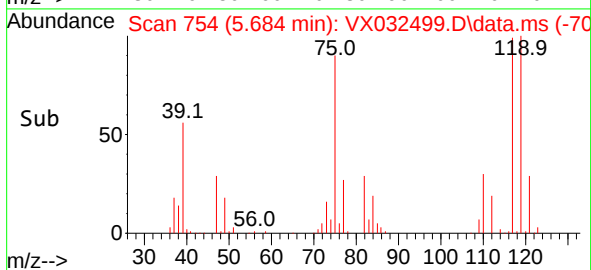
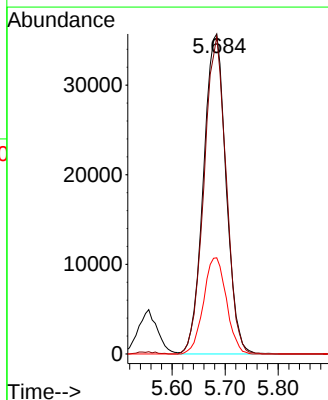
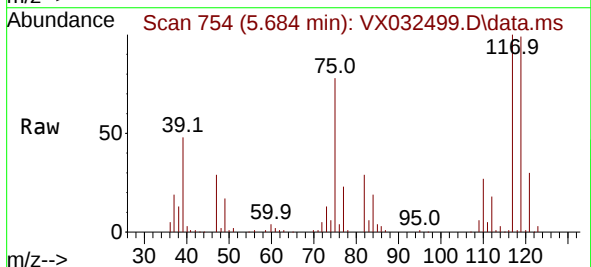
Manual Integrations
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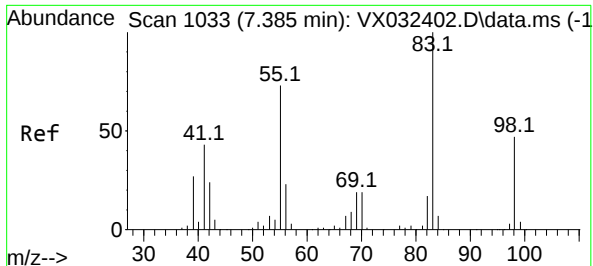
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#38
Carbon Tetrachloride
Concen: 51.309 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:117 Resp: 105714
Ion Ratio Lower Upper
117 100
119 99.1 77.2 115.8
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 49.496 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 108784

Ion Ratio Lower Upper

83 100

55 76.2 58.4 87.6

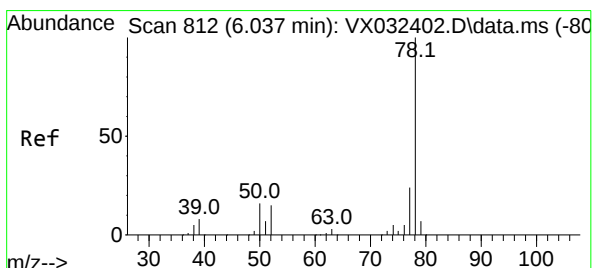
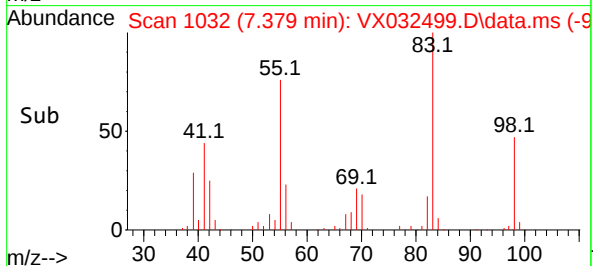
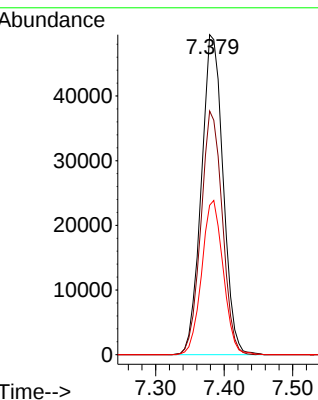
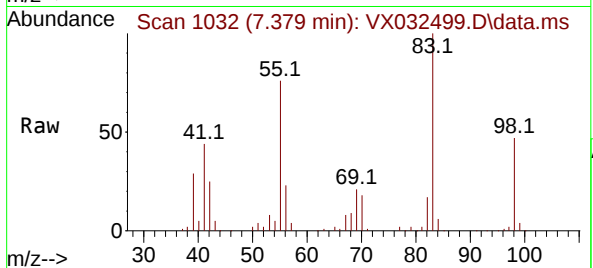
98 46.7 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#40

Benzene

Concen: 50.035 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX032499.D

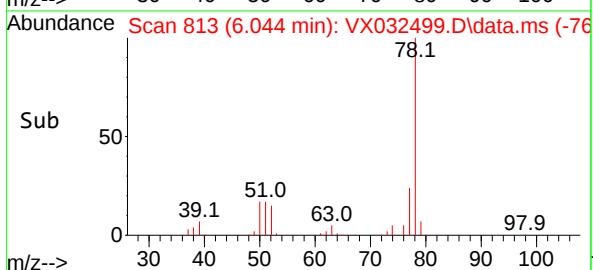
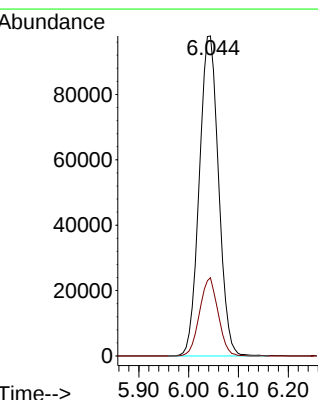
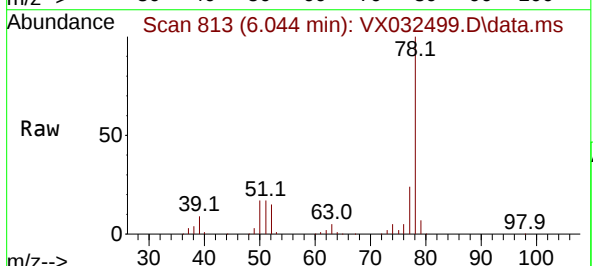
Acq: 31 Oct 2022 19:36

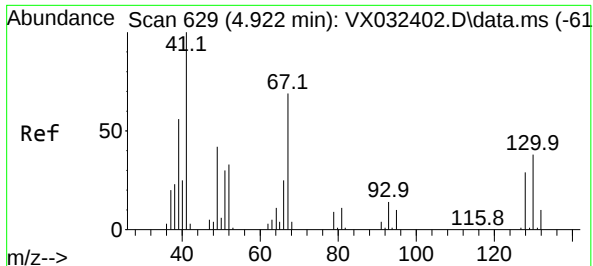
Tgt Ion: 78 Resp: 263021

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4





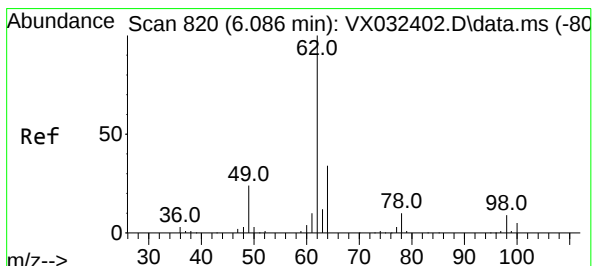
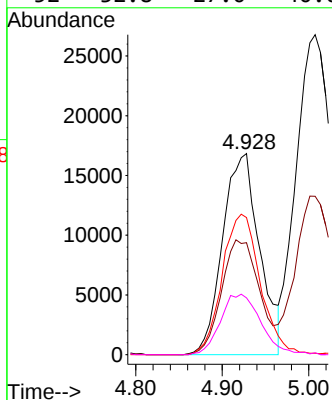
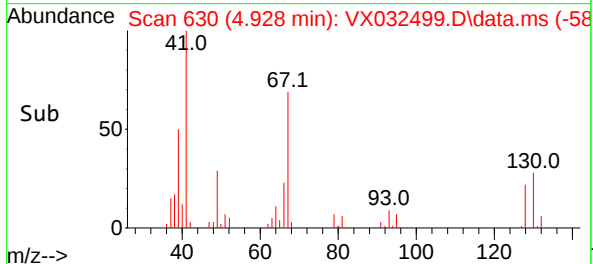
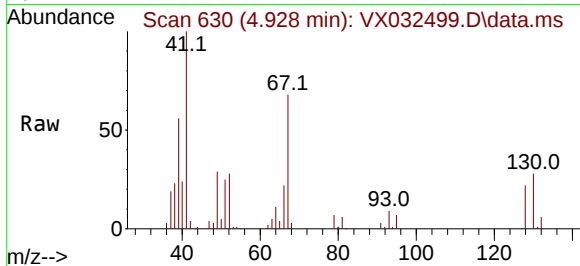
#41
Methacrylonitrile
Concen: 50.816 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	50054
Ion	Ratio	Lower	Upper
41	100		
39	57.6	47.5	71.3
67	71.7	60.5	90.7
52	32.8	27.0	40.6

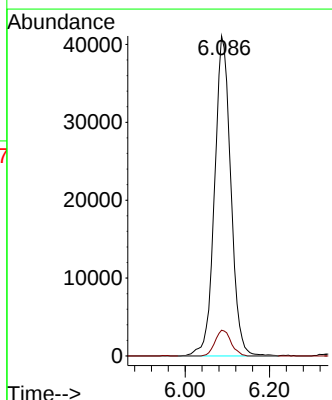
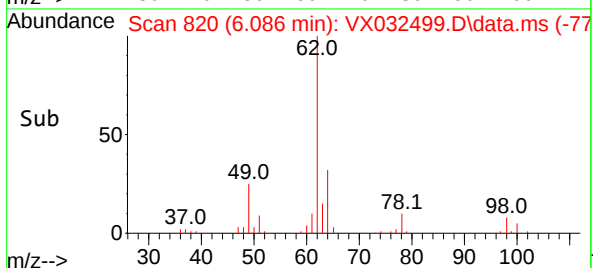
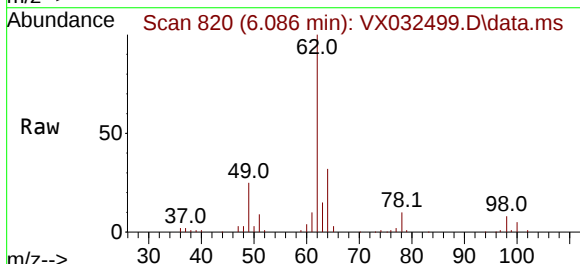
Manual Integrations
APPROVED

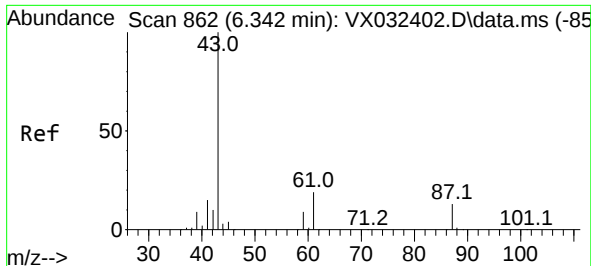
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
1,2-Dichloroethane
Concen: 51.073 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

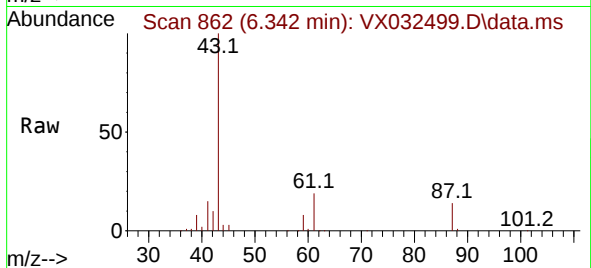
Tgt Ion:	62	Resp:	109747
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.0





#43
Isopropyl Acetate
Concen: 49.609 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

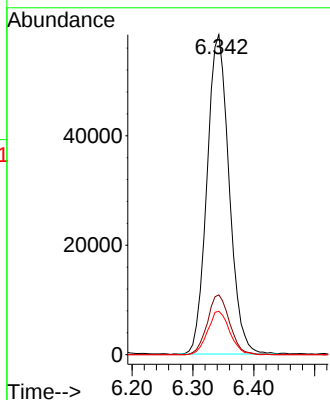
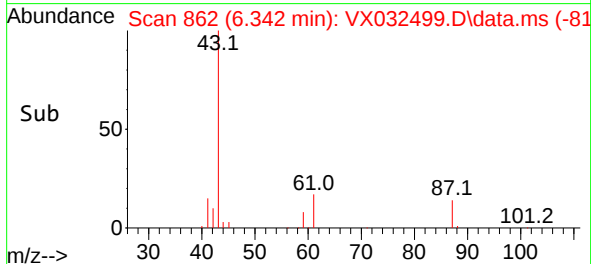
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14728
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 13.5 10.8 16.2

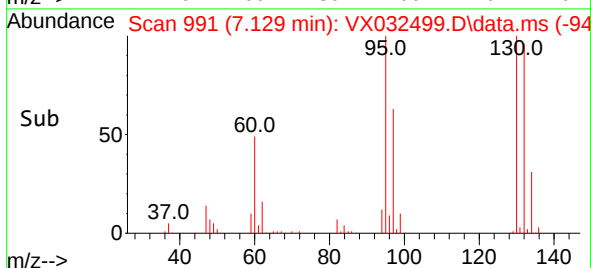
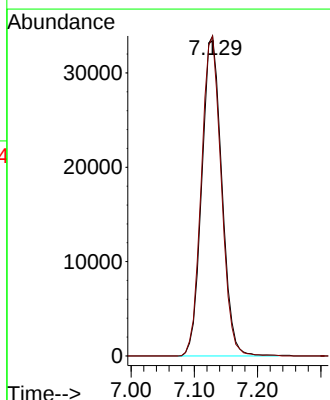
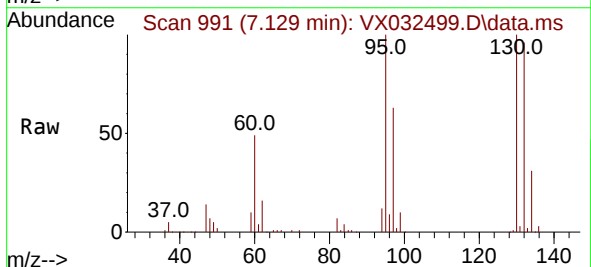
Manual Integrations
APPROVED

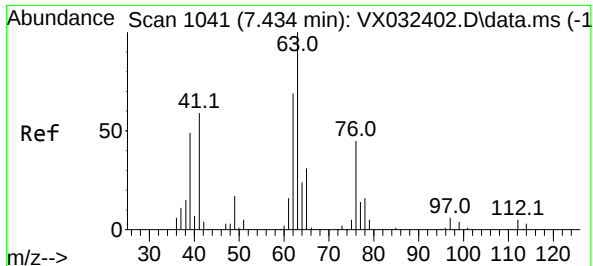
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#44
Trichloroethene
Concen: 50.272 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:130 Resp: 74393
Ion Ratio Lower Upper
130 100
95 99.9 0.0 195.2





#45

1,2-Dichloropropane

Concen: 50.270 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 67834

Ion Ratio Lower Upper

63 100

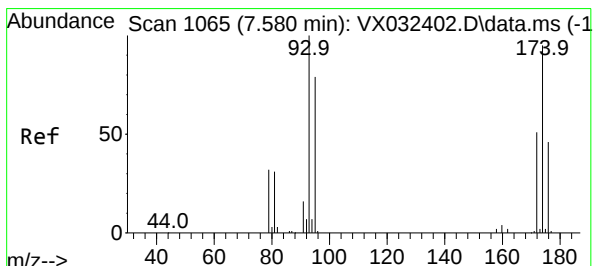
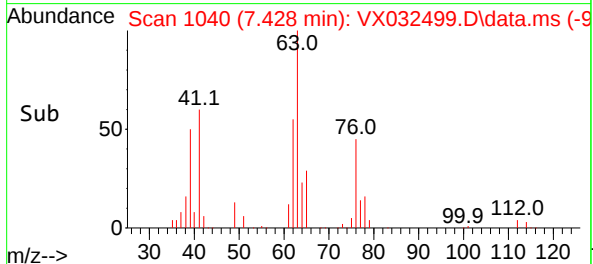
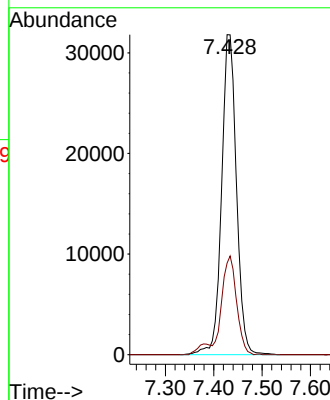
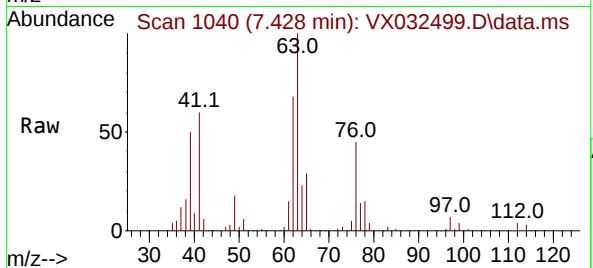
65 28.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#46

Dibromomethane

Concen: 50.278 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

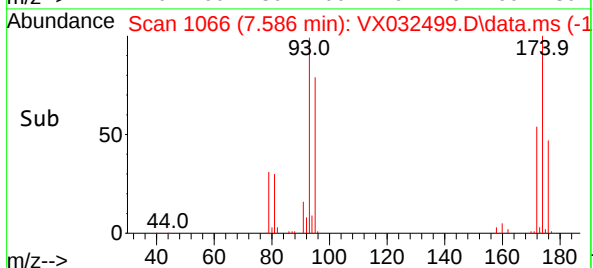
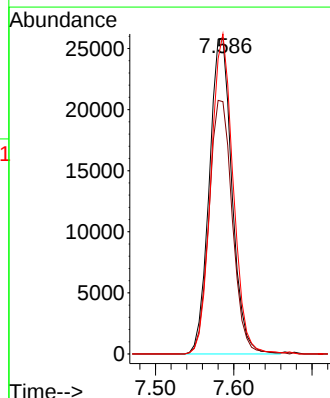
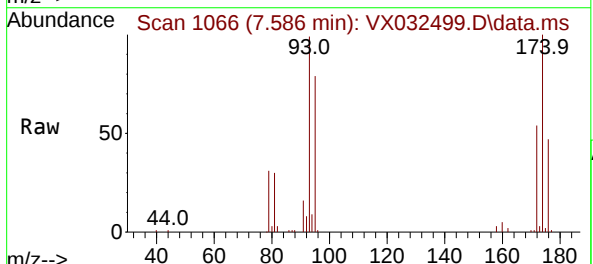
Tgt Ion: 93 Resp: 52031

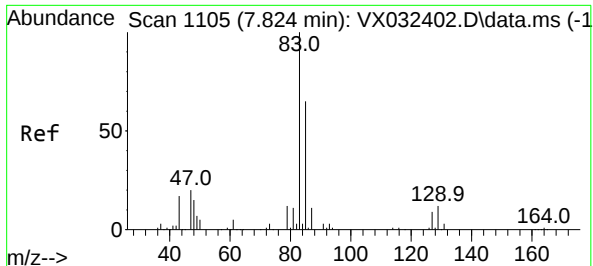
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

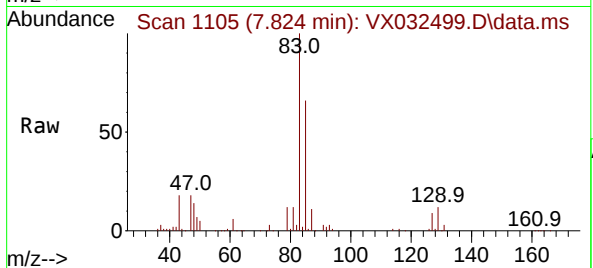
174 99.1 79.8 119.6





#47
Bromodichloromethane
Concen: 51.617 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

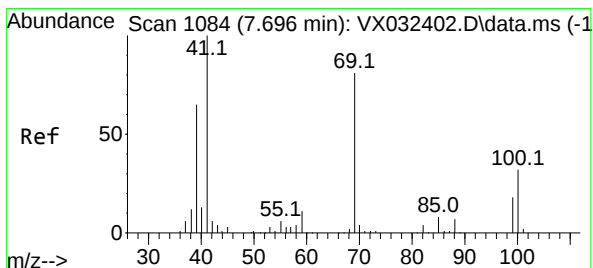
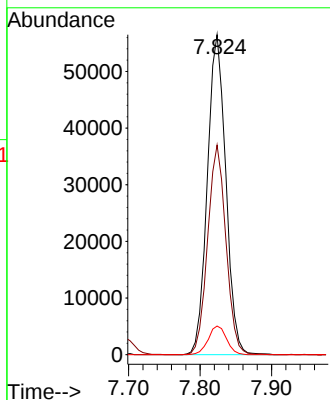
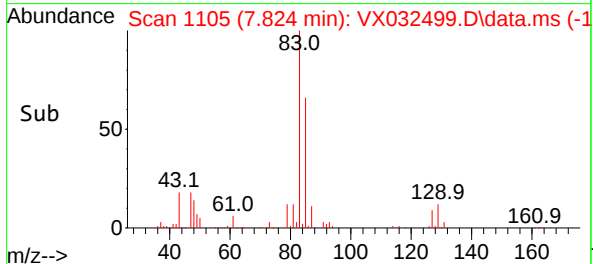
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 101240
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4
127 9.0 7.4 11.2

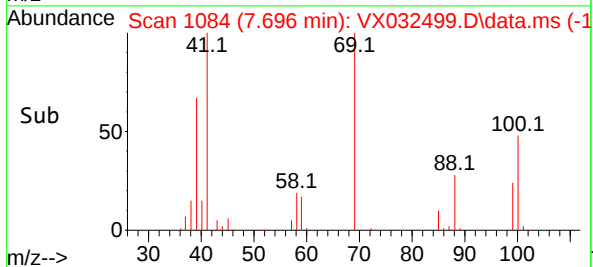
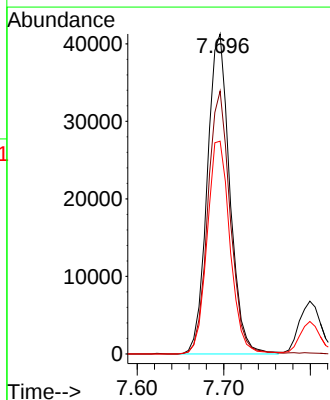
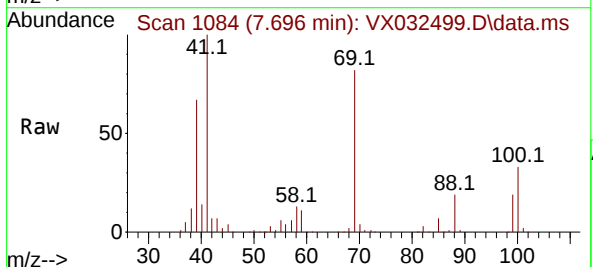
Manual Integrations
APPROVED

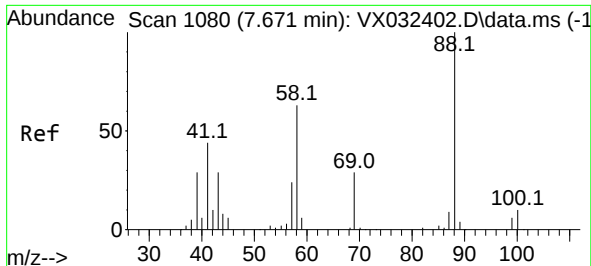
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#48
Methyl methacrylate
Concen: 48.665 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 41 Resp: 74619
Ion Ratio Lower Upper
41 100
69 81.8 65.1 97.7
39 67.7 51.9 77.9





#49

1,4-Dioxane

Concen: 956.132 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

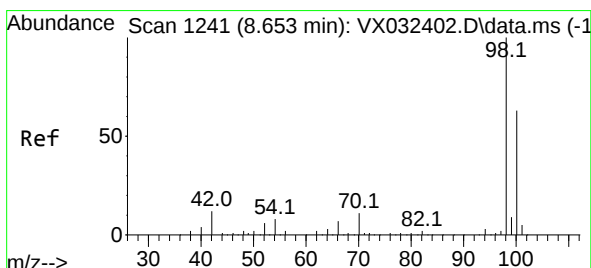
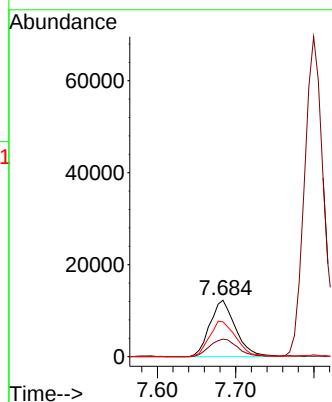
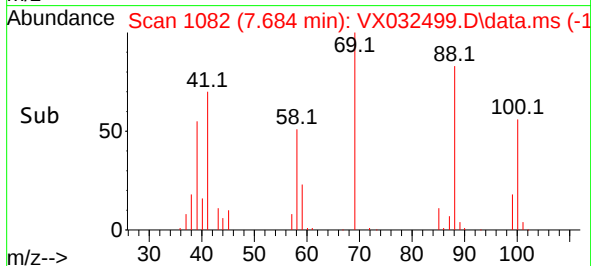
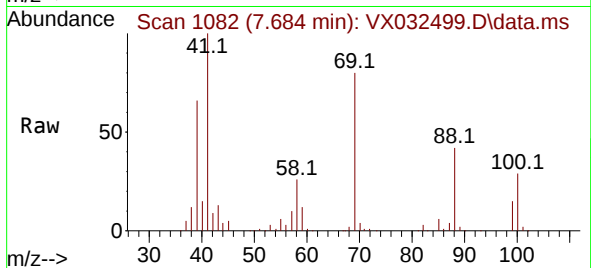
Tgt Ion:	88	Resp:	27939
Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.6	39.8
58	65.6	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#50

Toluene-d8

Concen: 49.675 ug/l

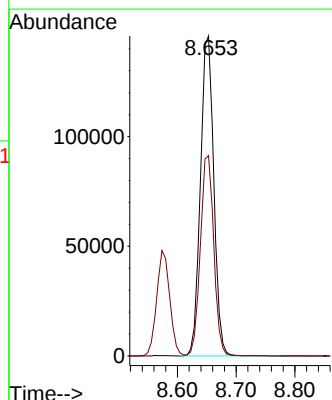
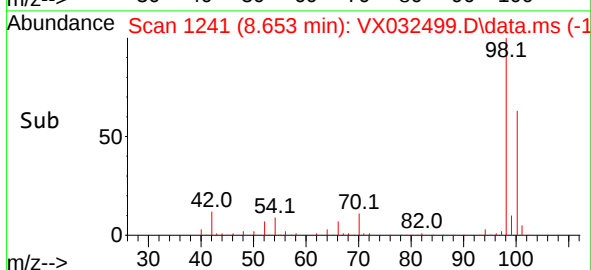
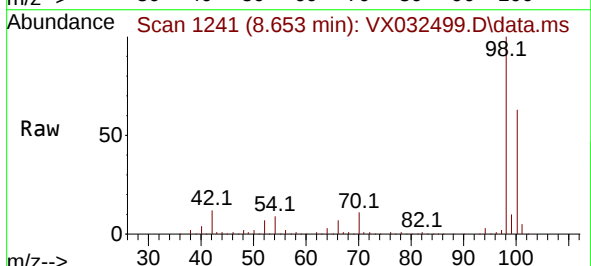
RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Tgt Ion:	98	Resp:	230415
Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.9	76.3





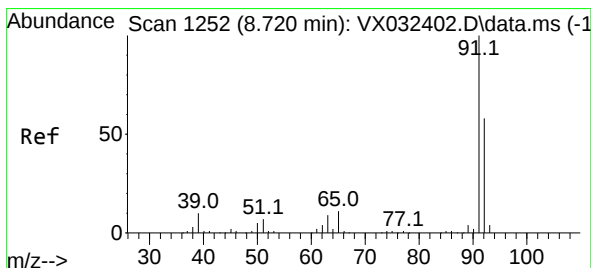
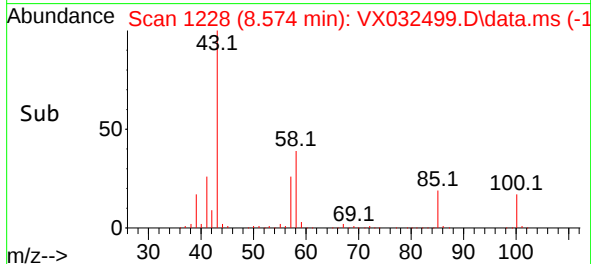
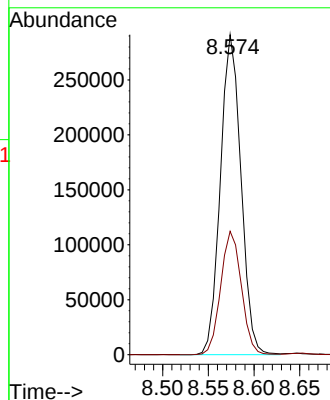
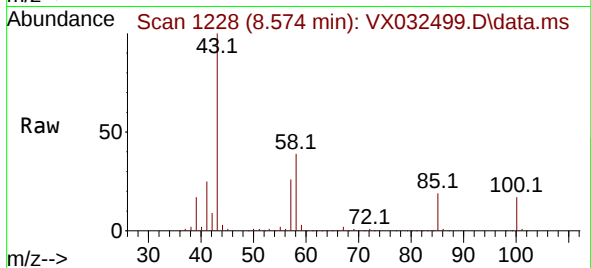
#51
4-Methyl-2-Pentanone
Concen: 244.509 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 457234
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3

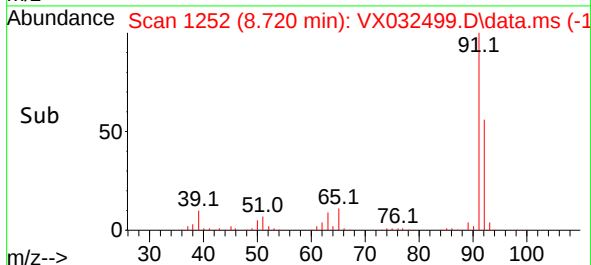
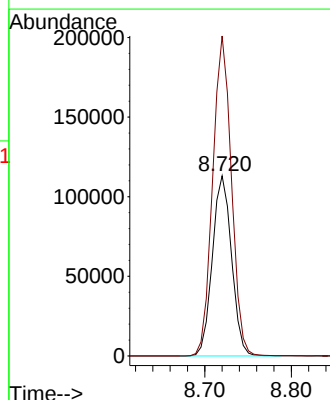
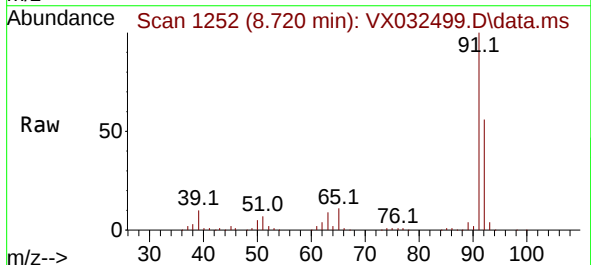
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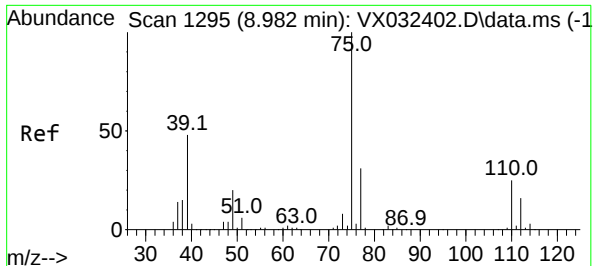
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#52
Toluene
Concen: 50.715 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 92 Resp: 173933
Ion Ratio Lower Upper
92 100
91 173.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 52.231 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 104524

Ion Ratio Lower Upper

75 100

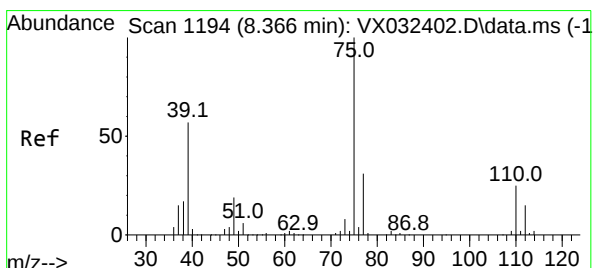
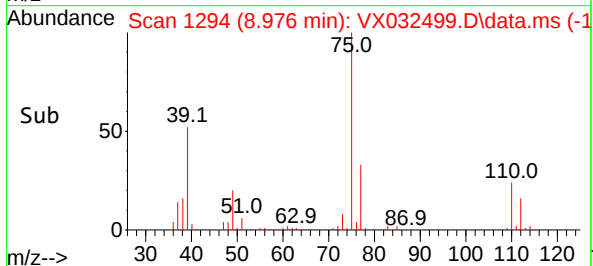
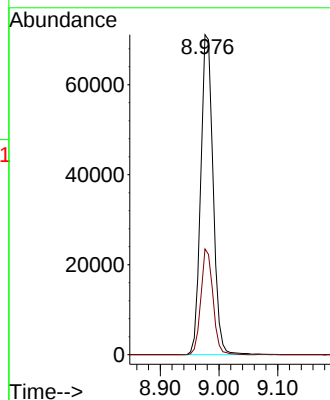
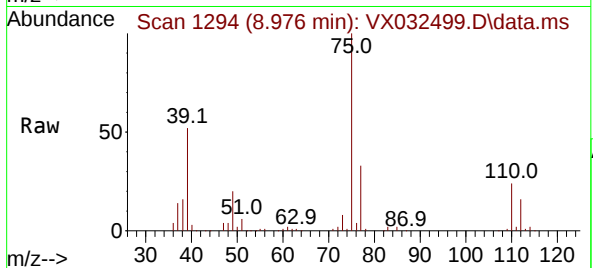
77 33.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#54

cis-1,3-Dichloropropene

Concen: 51.914 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

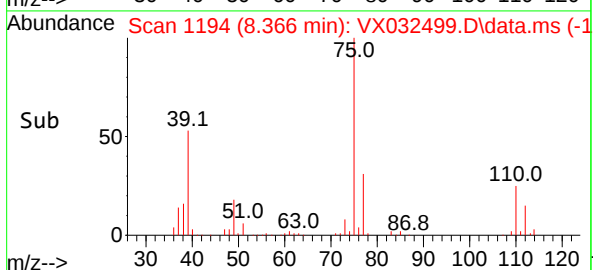
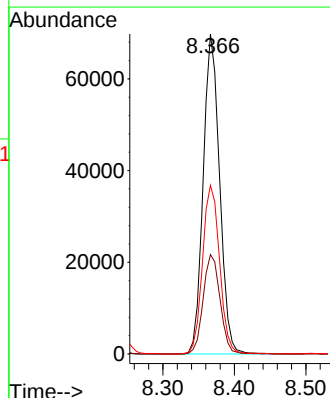
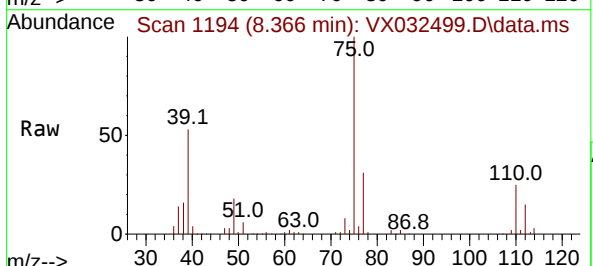
Tgt Ion: 75 Resp: 111118

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

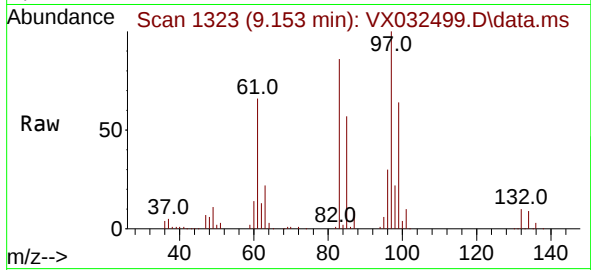
39 52.7 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 49.548 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

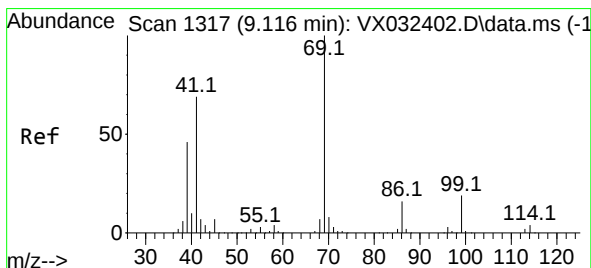
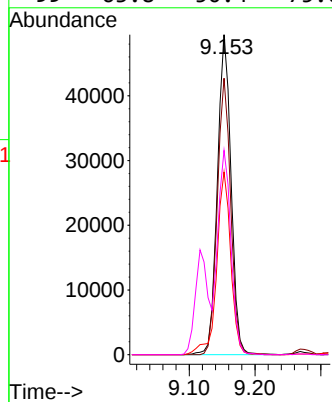
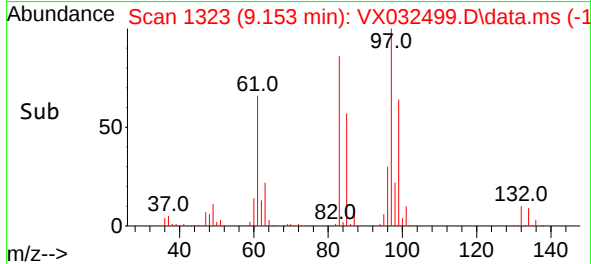


Tgt Ion: 97 Resp: 7156

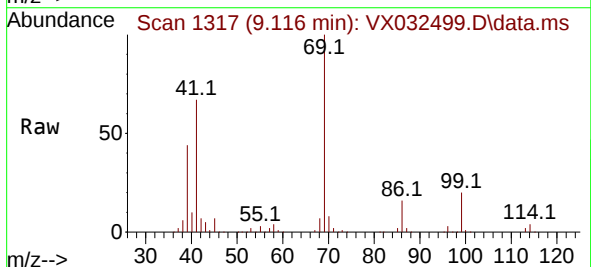
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.1	102.1
85	57.1	43.3	64.9
99	63.8	50.4	75.6

Manual Integrations
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Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

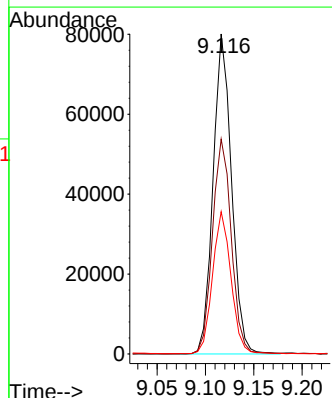
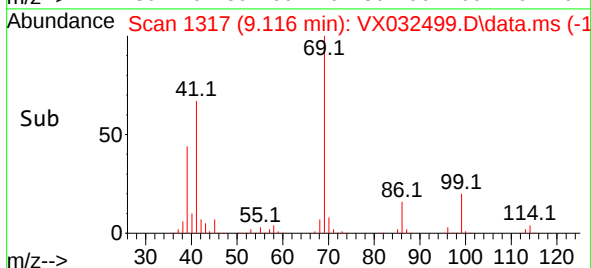


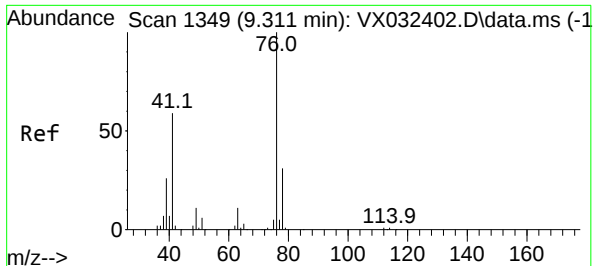
#56
Ethyl methacrylate
Concen: 51.146 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



Tgt Ion: 69 Resp: 106309

Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.3	81.5
39	44.5	35.2	52.8





#57

1,3-Dichloropropane

Concen: 49.809 ug/l

RT: 9.311 min Scan# 116178

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 116178

Ion Ratio Lower Upper

76 100

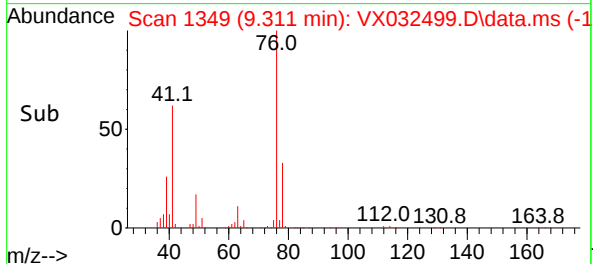
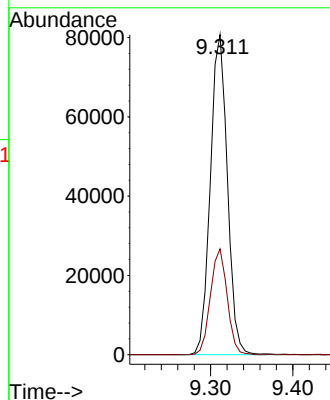
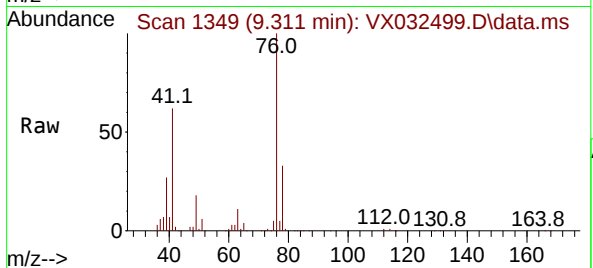
78 32.3 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 246.934 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032499.D

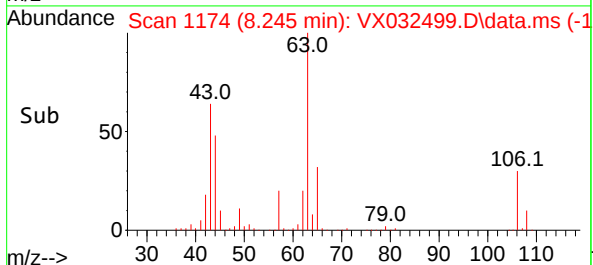
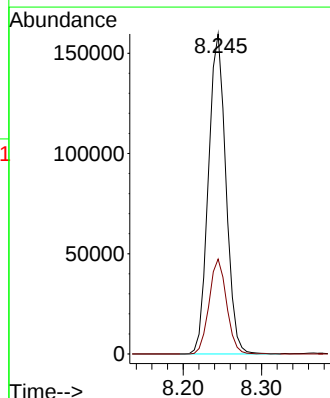
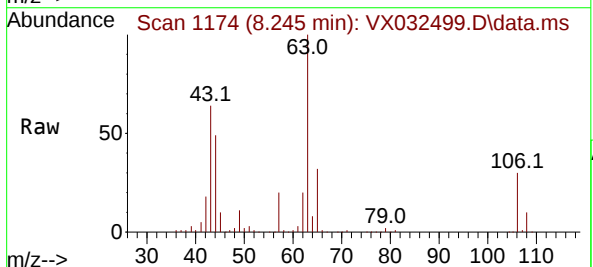
Acq: 31 Oct 2022 19:36

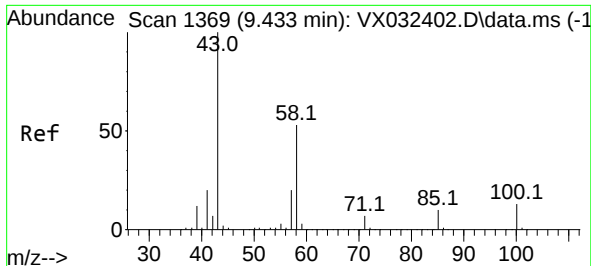
Tgt Ion: 63 Resp: 247141

Ion Ratio Lower Upper

63 100

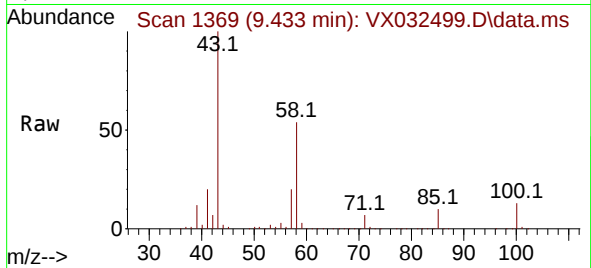
106 29.6 23.3 34.9





#59
2-Hexanone
Concen: 243.876 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

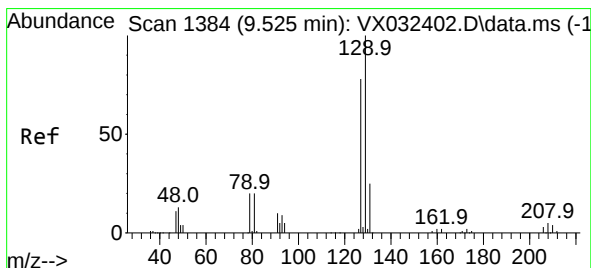
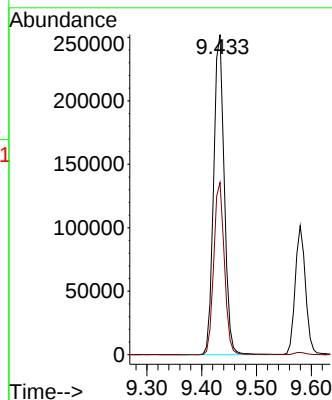
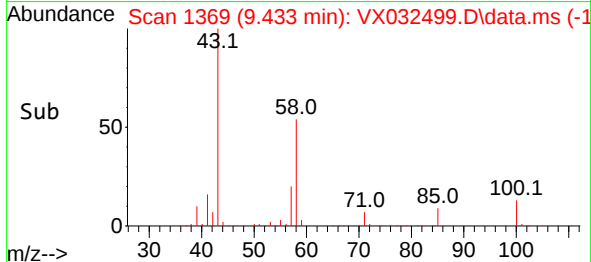
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33839
Ion Ratio Lower Upper
43 100
58 53.7 26.5 79.5

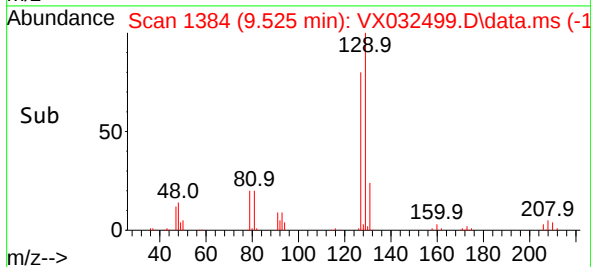
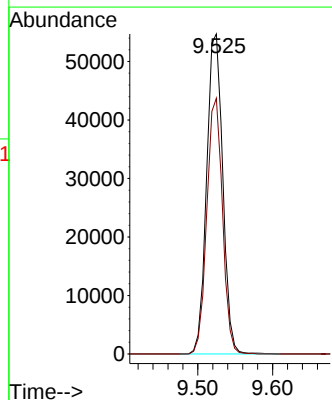
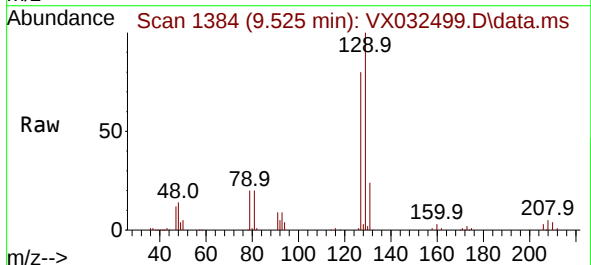
Manual Integrations
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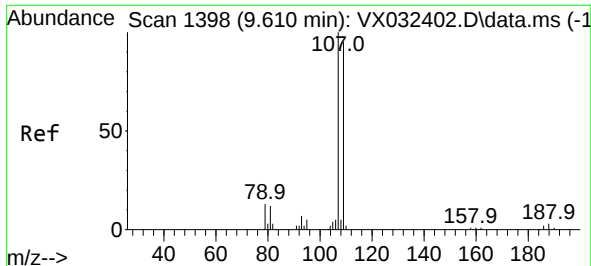
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Dibromochloromethane
Concen: 51.827 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:129 Resp: 81763
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





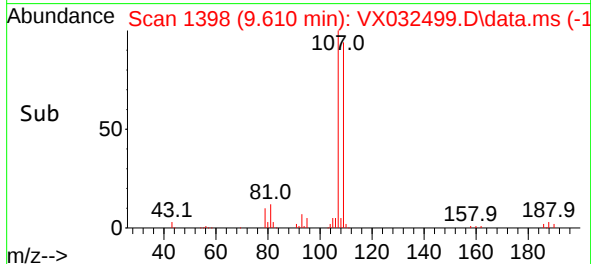
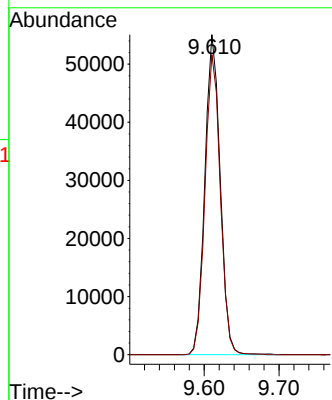
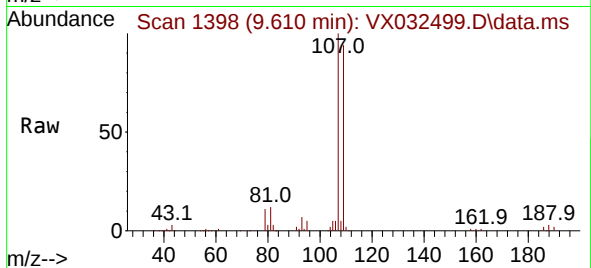
#61
1,2-Dibromoethane
Concen: 51.176 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 78320
Ion Ratio Lower Upper
107 100
109 93.7 76.0 114.0

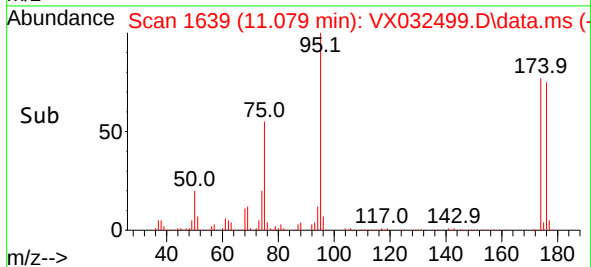
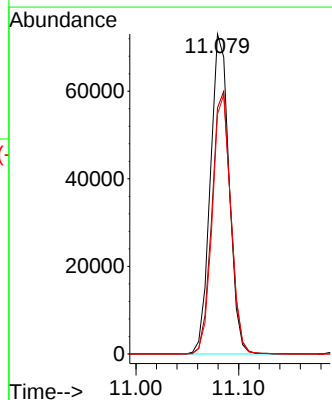
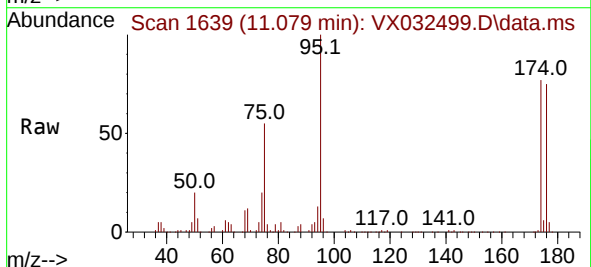
Manual Integrations
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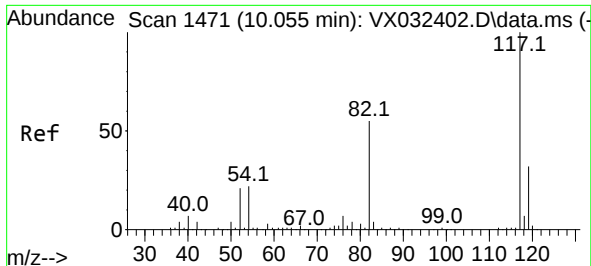
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#62
4-Bromofluorobenzene
Concen: 50.949 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

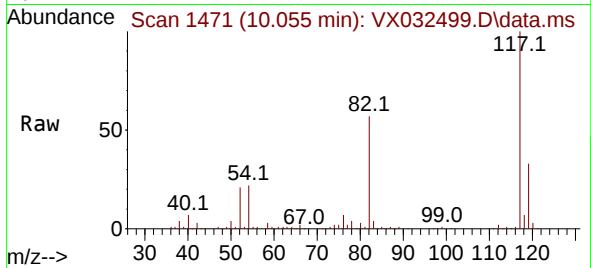
Tgt Ion: 95 Resp: 92315
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.9 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

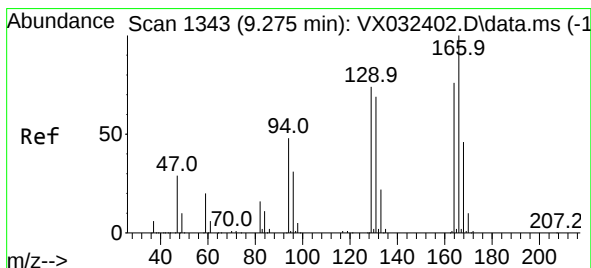
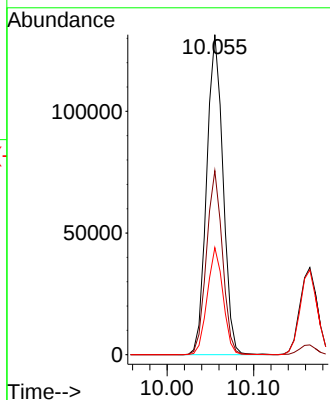
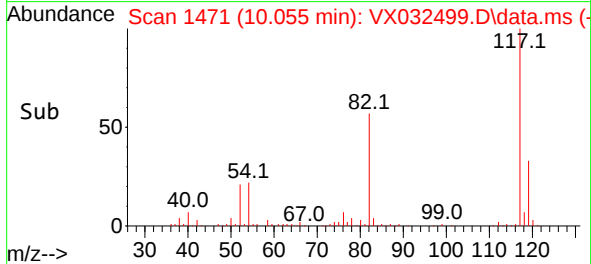
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 172340
Ion Ratio Lower Upper
117 100
82 57.5 44.3 66.5
119 33.4 25.7 38.5

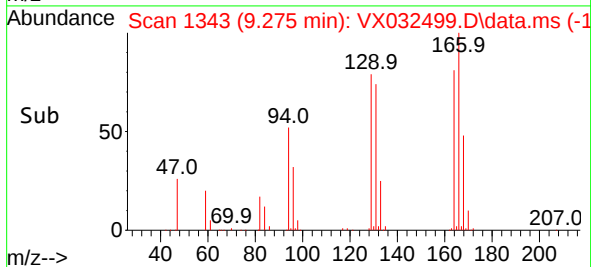
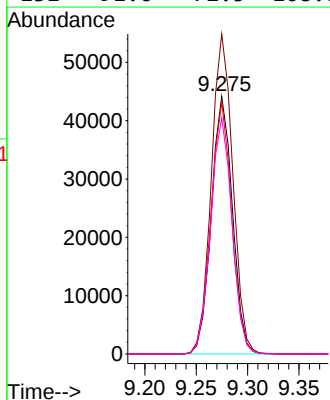
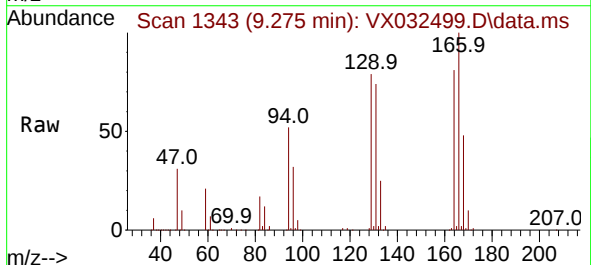
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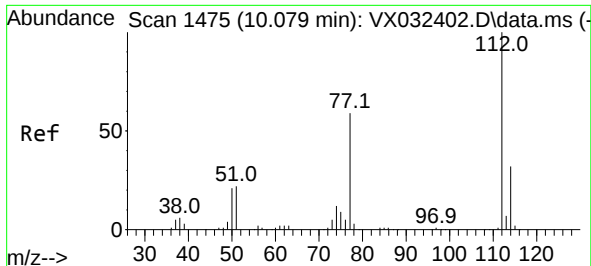
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#64
Tetrachloroethene
Concen: 49.854 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:164 Resp: 62888
Ion Ratio Lower Upper
164 100
166 124.2 105.4 158.2
129 97.7 78.2 117.2
131 91.6 72.5 108.7





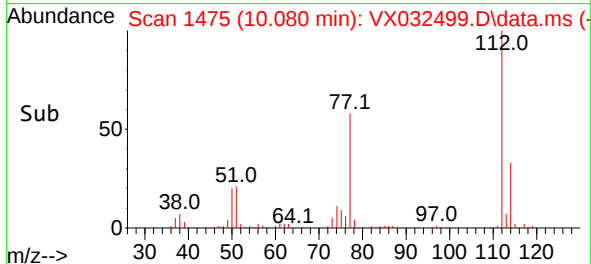
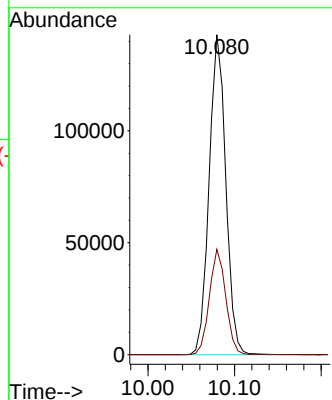
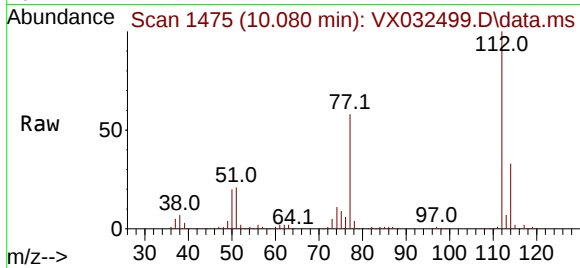
#65
Chlorobenzene
Concen: 49.404 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 190732
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

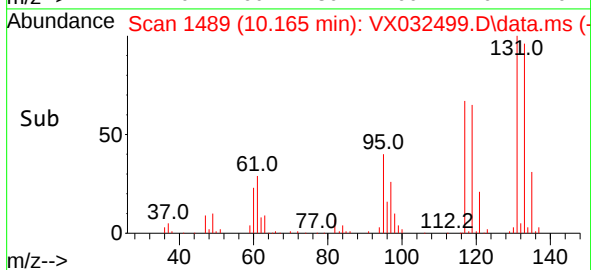
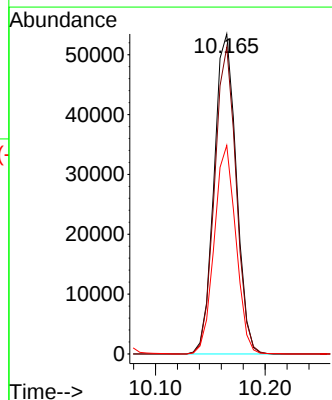
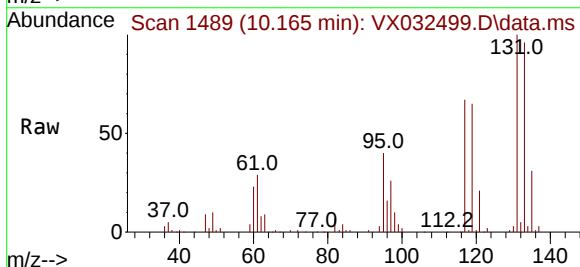
Manual Integrations
APPROVED

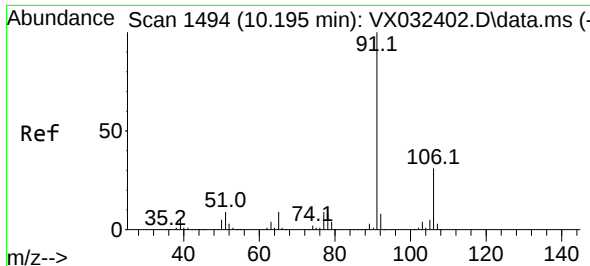
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.733 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:131 Resp: 75167
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 63.6 32.4 97.0





#67

Ethyl Benzene

Concen: 50.514 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 348730

Ion Ratio Lower Upper

91 100

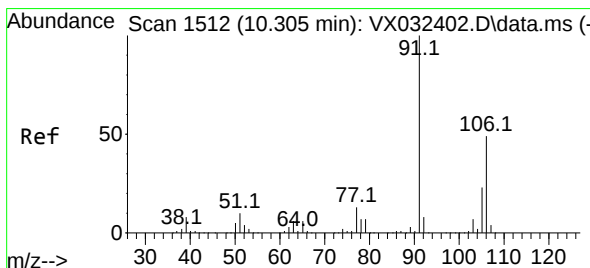
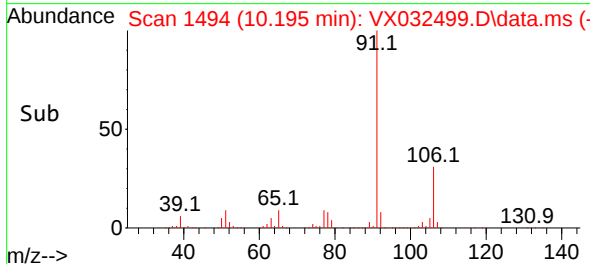
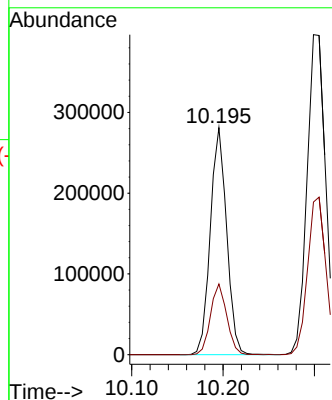
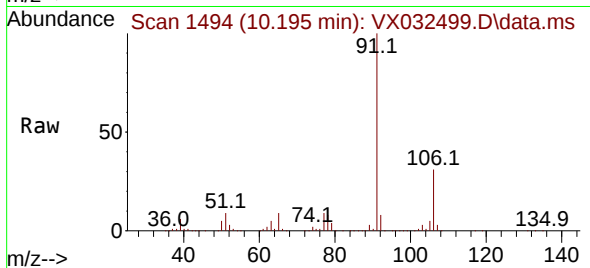
106 31.1 25.0 37.6

Manual Integrations

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Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#68

m/p-Xylenes

Concen: 100.900 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032499.D

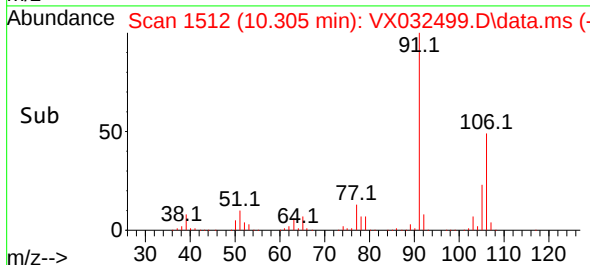
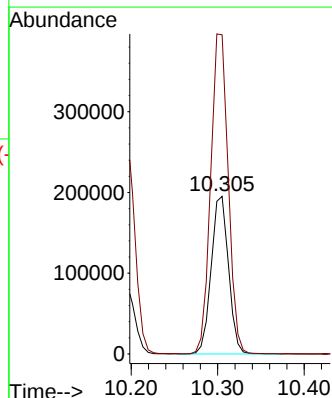
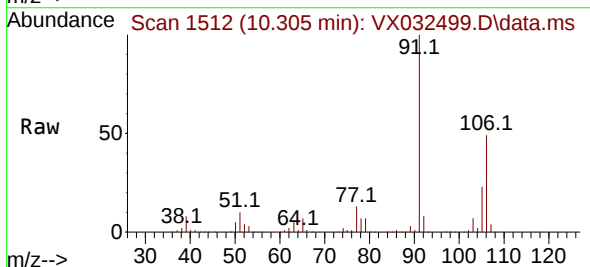
Acq: 31 Oct 2022 19:36

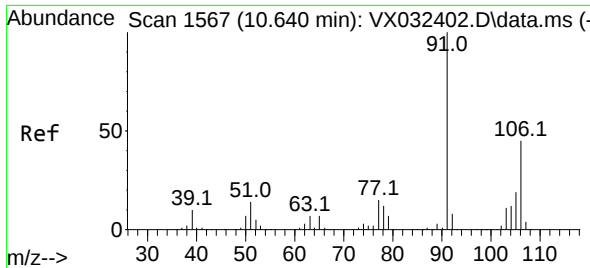
Tgt Ion:106 Resp: 270490

Ion Ratio Lower Upper

106 100

91 206.4 164.5 246.7





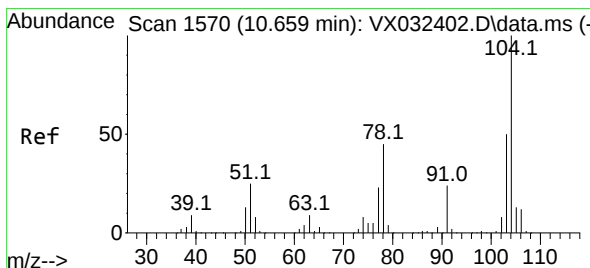
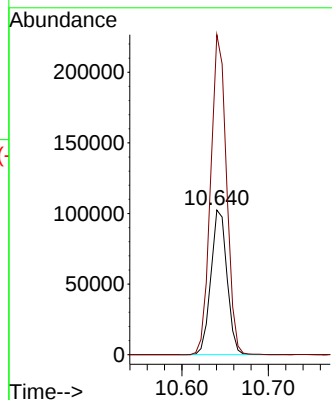
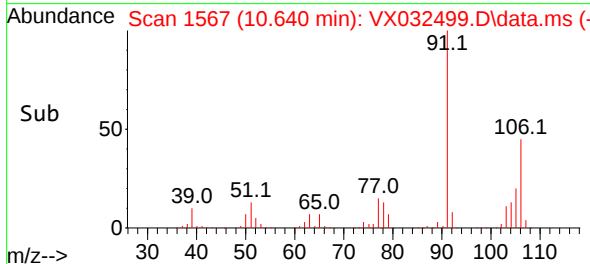
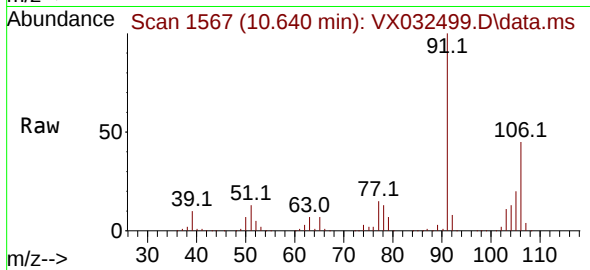
#69
o-Xylene
Concen: 50.737 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13224
Ion Ratio Lower Upper
106 100
91 218.3 109.2 327.6

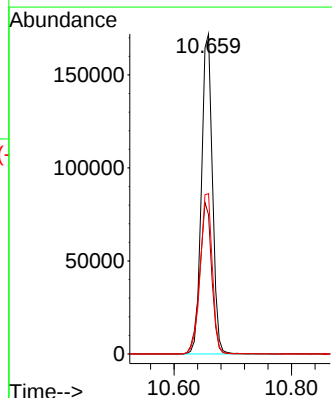
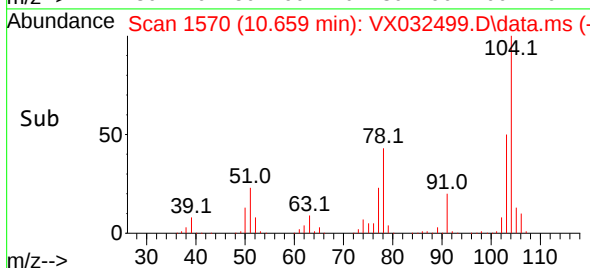
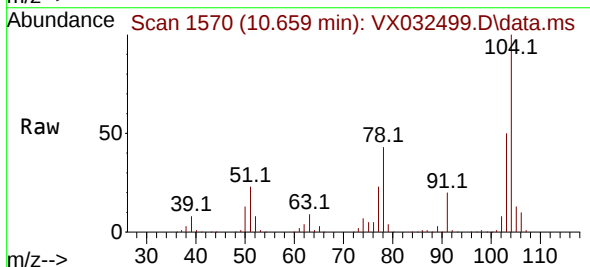
Manual Integrations
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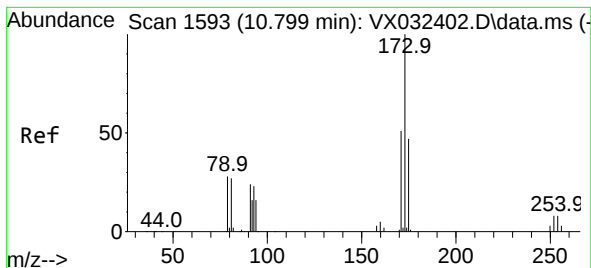
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#70
Styrene
Concen: 51.371 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion:104 Resp: 222522
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.8
103 55.2 44.5 66.7





#71

Bromoform

Concen: 52.262 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

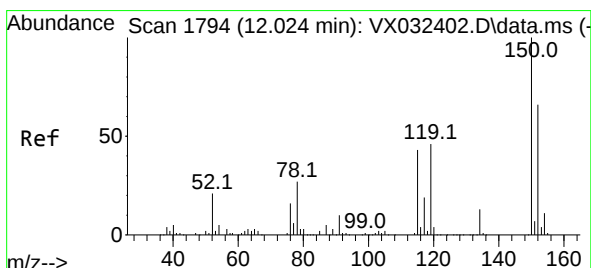
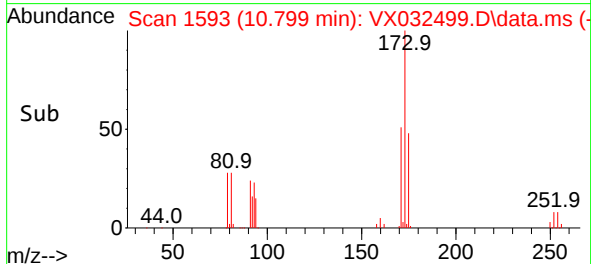
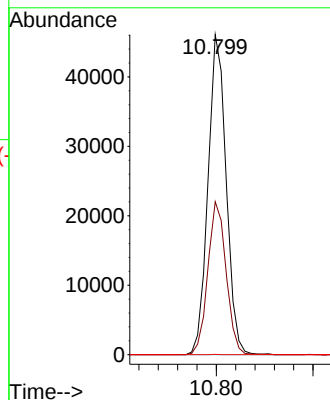
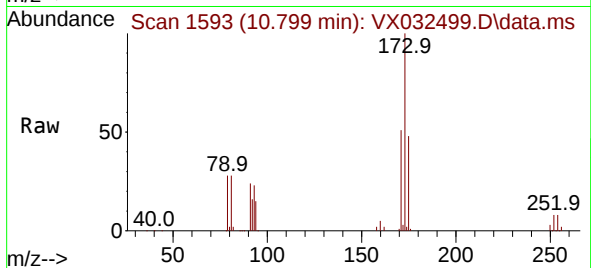
Tgt Ion:173 Resp: 60038
 Ion Ratio Lower Upper
 173 100
 175 48.2 23.9 71.8
 254 0.0 0.0 0.0

Manual Integrations

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Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

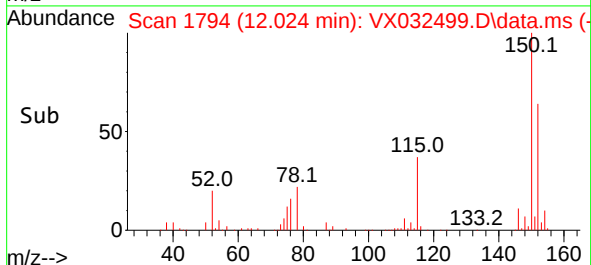
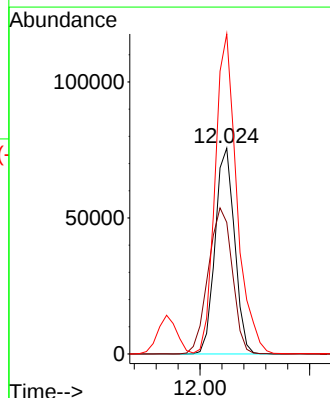
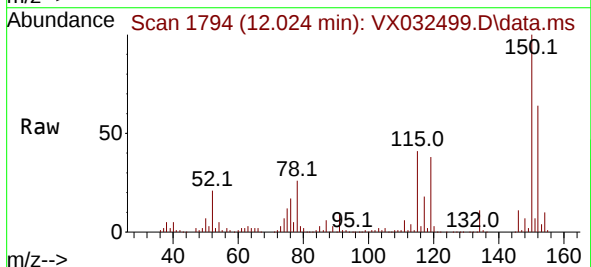
RT: 12.024 min Scan# 1794

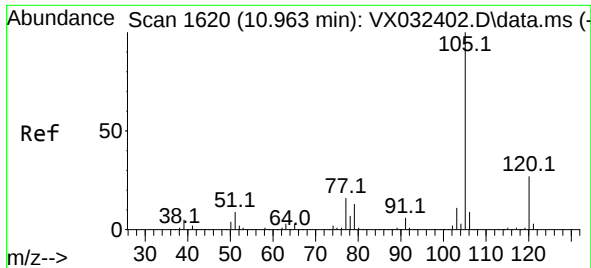
Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Tgt Ion:152 Resp: 93212
 Ion Ratio Lower Upper
 152 100
 115 88.1 44.0 132.0
 150 173.5 0.0 351.8





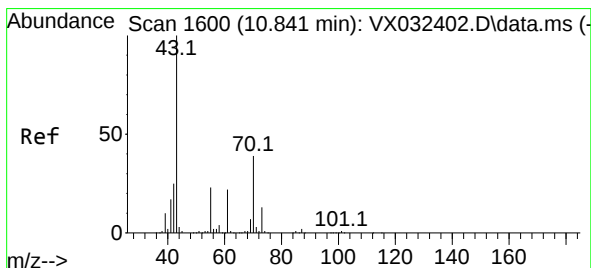
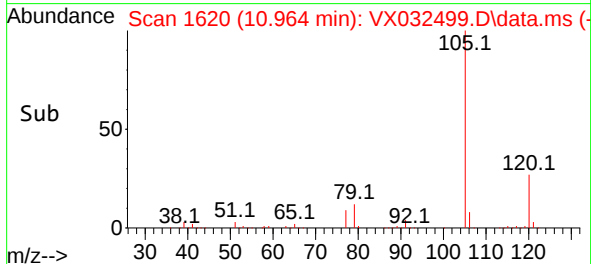
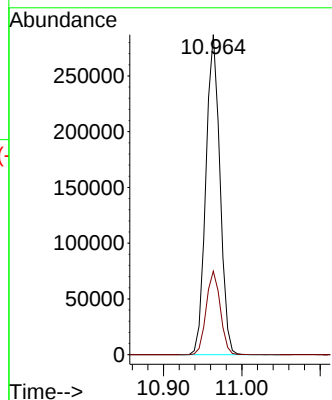
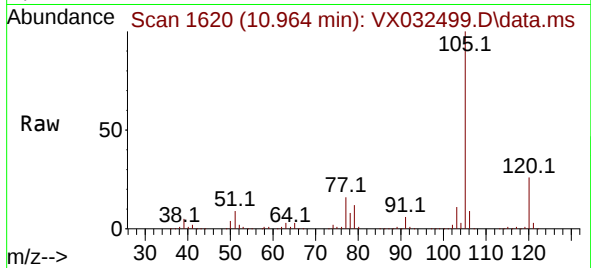
#73
Isopropylbenzene
Concen: 48.273 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 35655
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

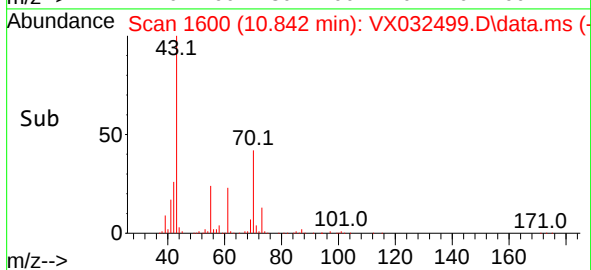
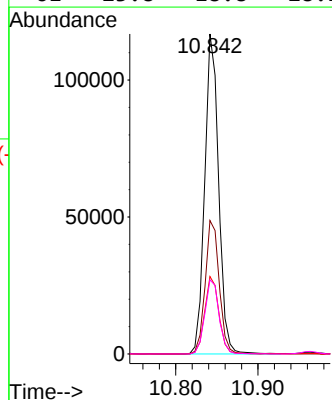
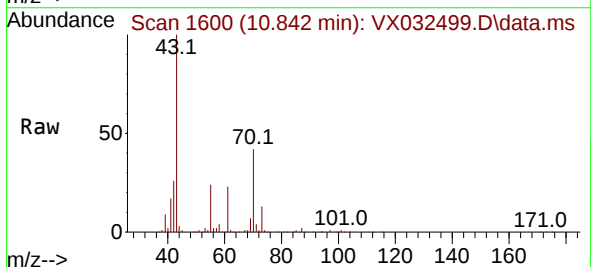
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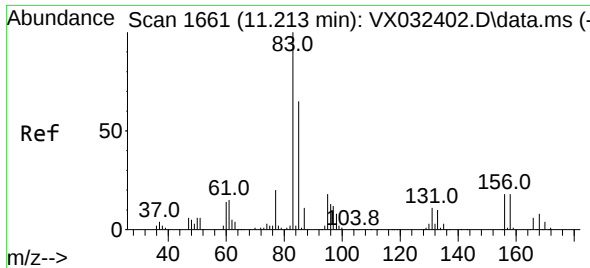
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#74
N-ethyl acetate
Concen: 49.170 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

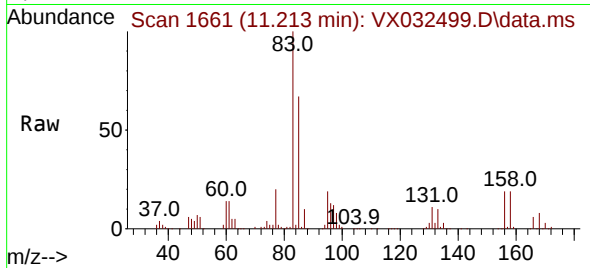
Tgt Ion: 43 Resp: 137227
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.7 19.4 29.2
61 23.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.763 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

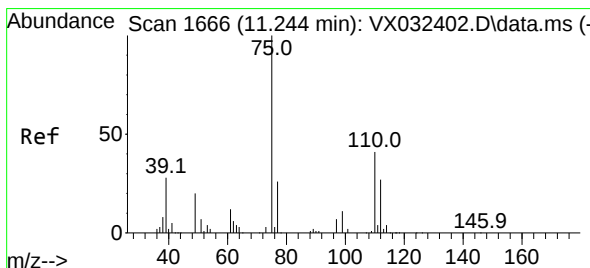
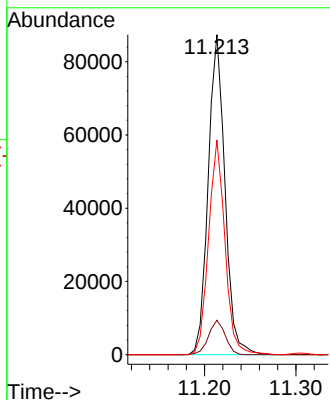
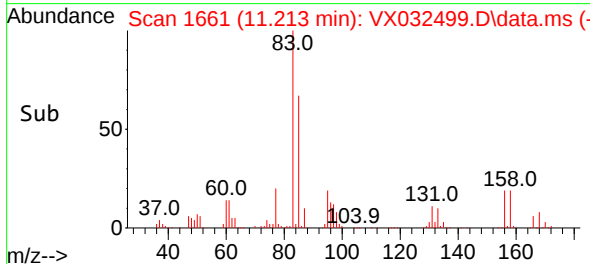
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



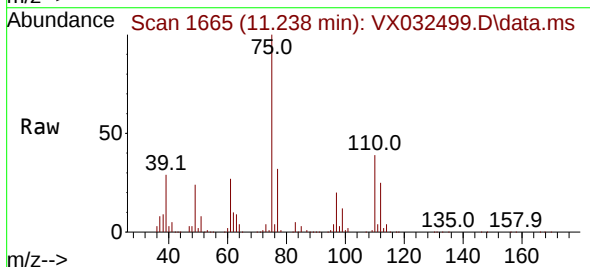
Tgt Ion: 83 Resp: 110870
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.8 31.9 95.9

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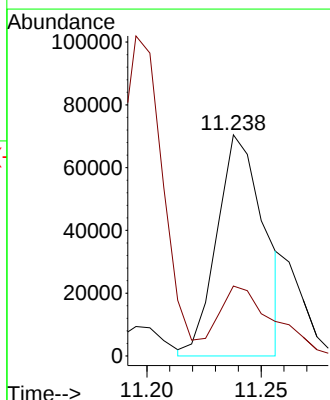
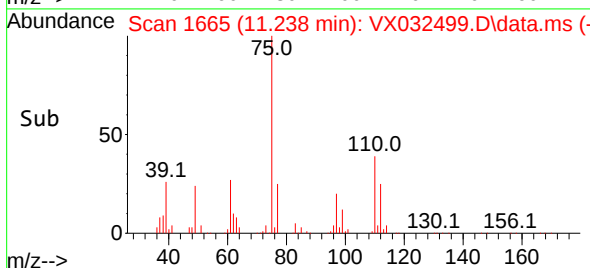
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#76
1,2,3-Trichloropropane
Concen: 48.707 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



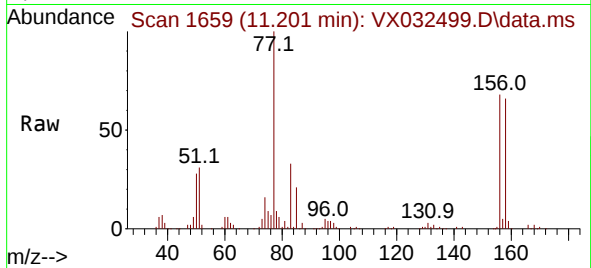
Tgt Ion: 75 Resp: 101006
Ion Ratio Lower Upper
75 100
77 38.1 20.0 60.0





#77
Bromobenzene
Concen: 48.393 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

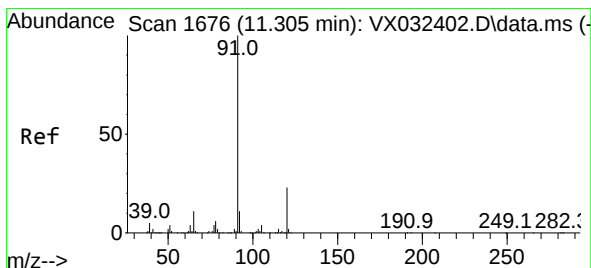
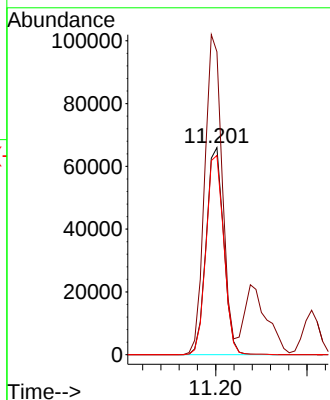
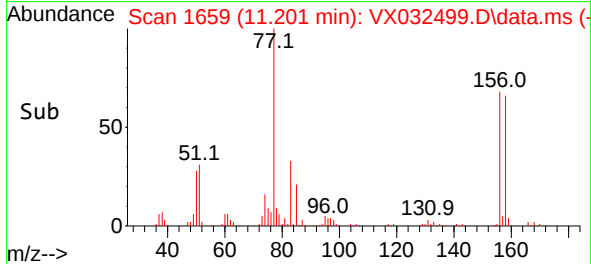
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



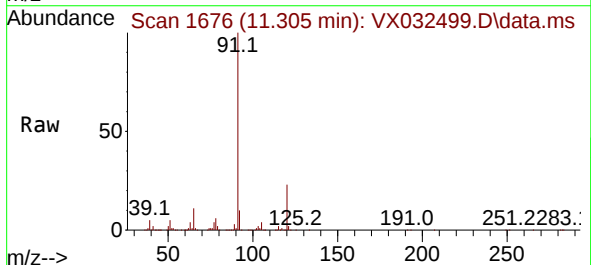
Tgt Ion:156 Resp: 8763
Ion Ratio Lower Upper
156 100
77 154.1 76.1 228.4
158 97.6 48.8 146.3

Manual Integrations
APPROVED

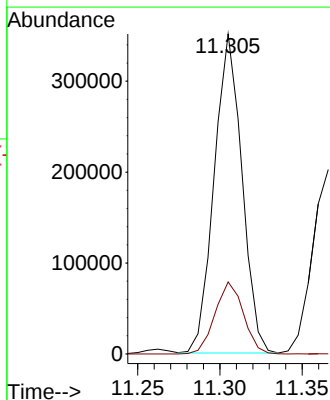
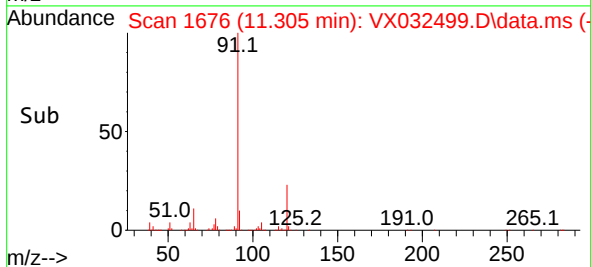
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

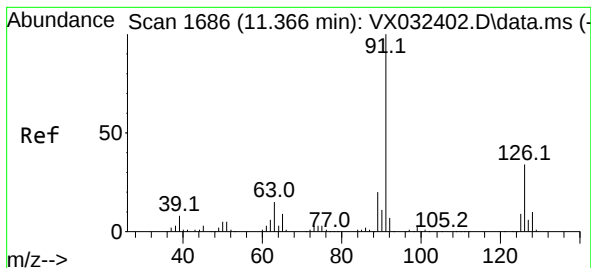


#78
n-propylbenzene
Concen: 48.348 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



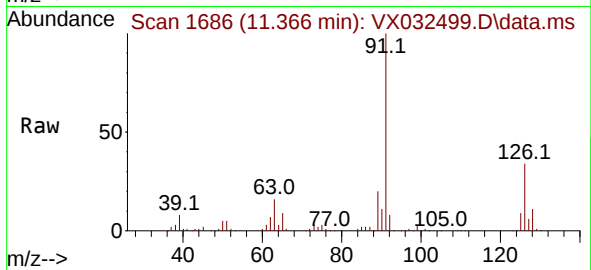
Tgt Ion: 91 Resp: 411444
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





#79
2-Chlorotoluene
Concen: 48.584 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

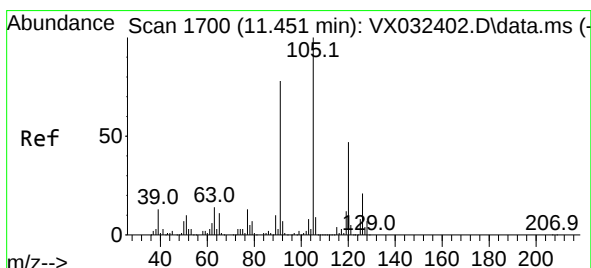
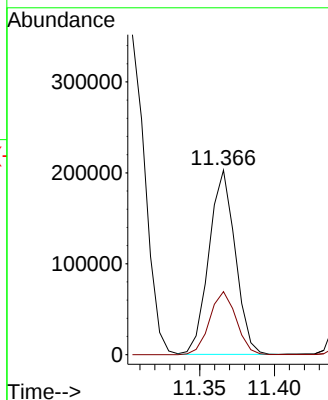
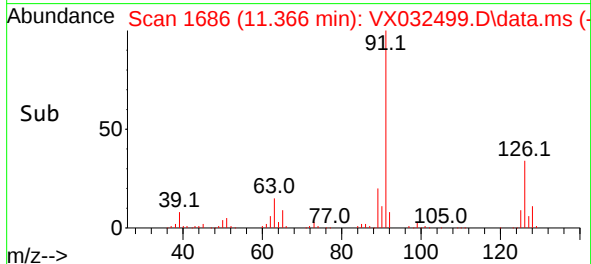
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



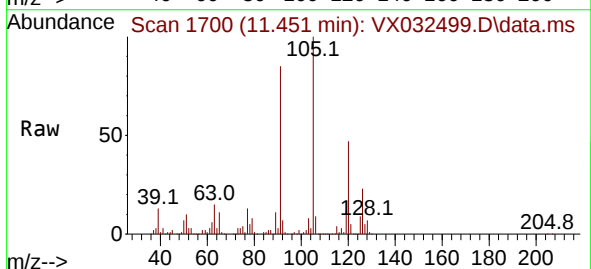
Tgt Ion: 91 Resp: 247608
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

Manual Integrations
APPROVED

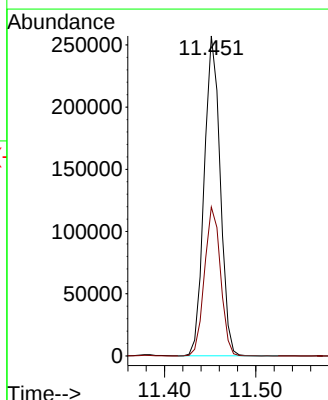
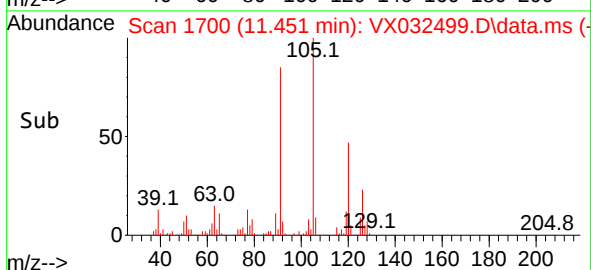
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

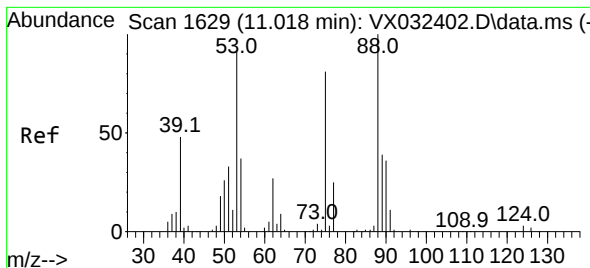


#80
1,3,5-Trimethylbenzene
Concen: 49.275 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



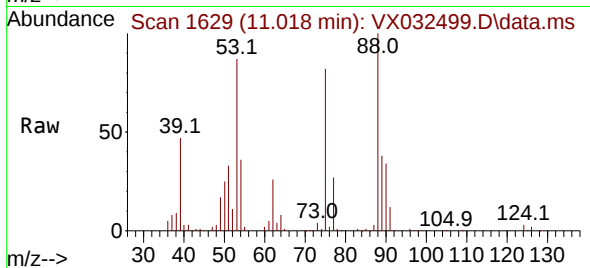
Tgt Ion:105 Resp: 311060
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 48.639 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

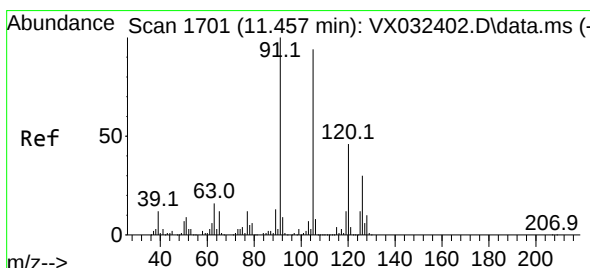
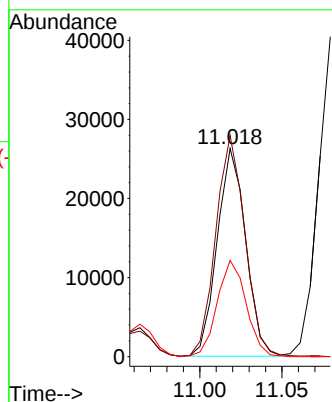
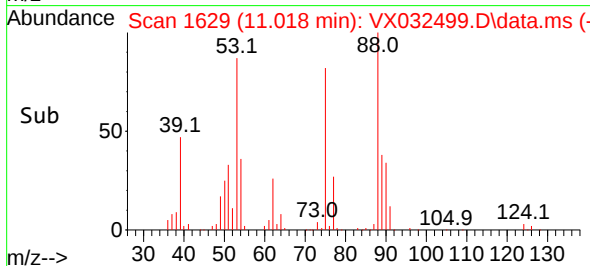
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31698
Ion Ratio Lower Upper
75 100
53 108.9 86.9 130.3
89 46.9 38.3 57.5

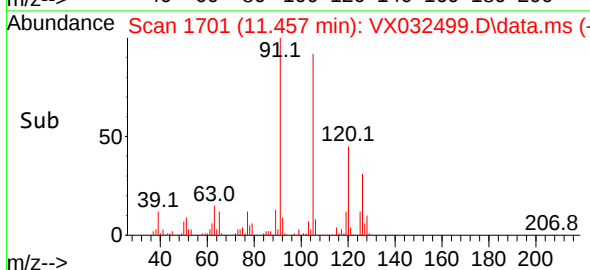
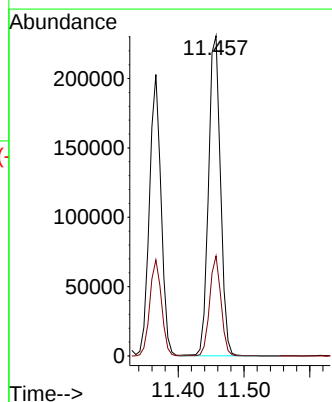
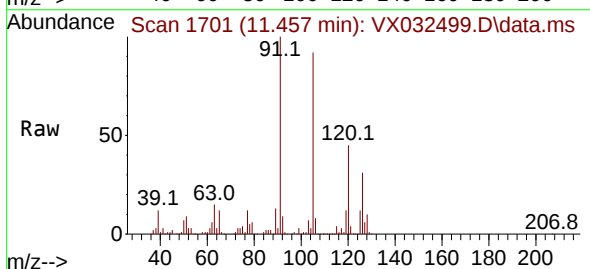
Manual Integrations
APPROVED

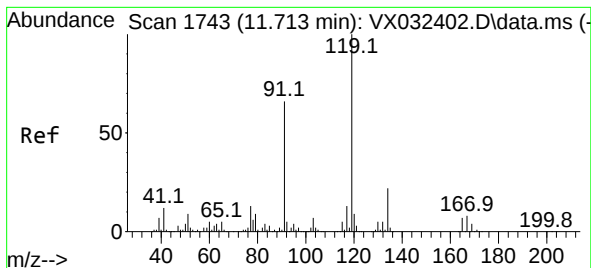
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#82
4-Chlorotoluene
Concen: 48.998 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

Tgt Ion: 91 Resp: 292204
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83

tert-Butylbenzene

Concen: 49.385 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 311240

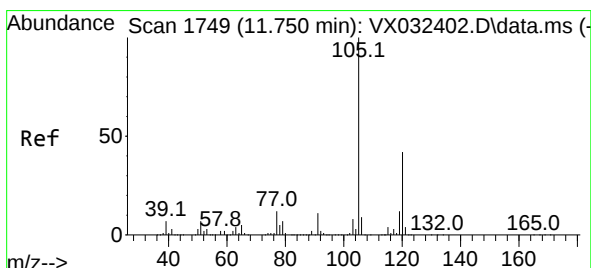
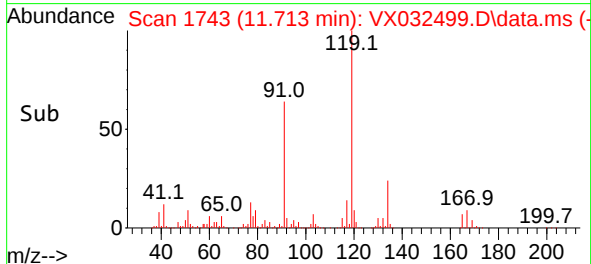
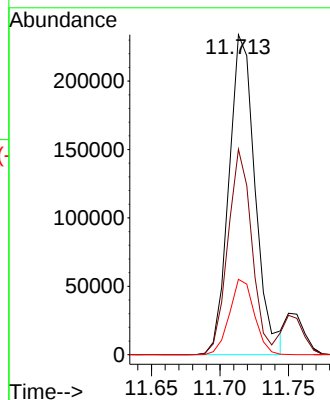
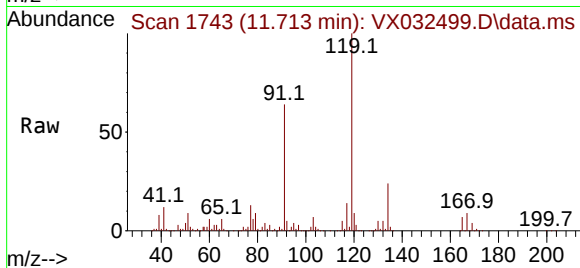
Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.4	88.2
134	22.4	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#84

1,2,4-Trimethylbenzene

Concen: 49.317 ug/l

RT: 11.750 min Scan# 1749

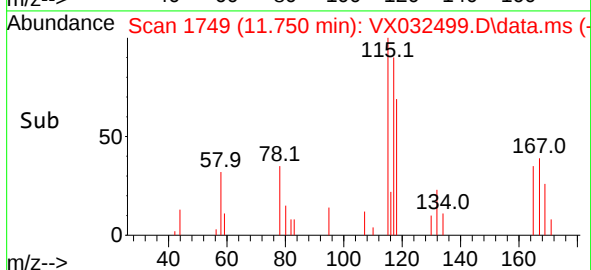
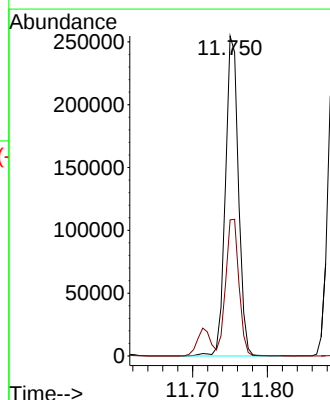
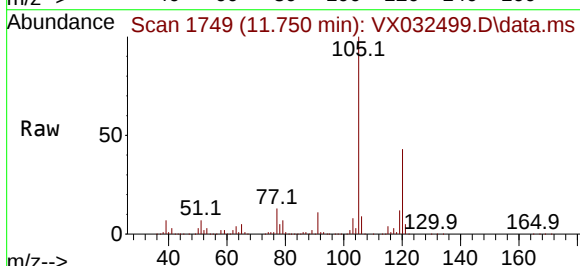
Delta R.T. 0.000 min

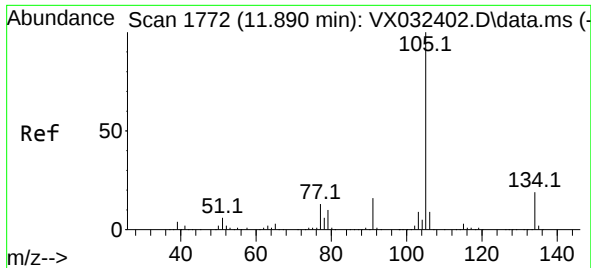
Lab File: VX032499.D

Acq: 31 Oct 2022 19:36

Tgt Ion:105 Resp: 309644

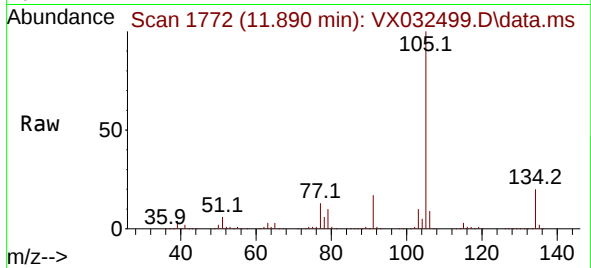
Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.9	65.5





#85
 sec-Butylbenzene
 Concen: 49.524 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36

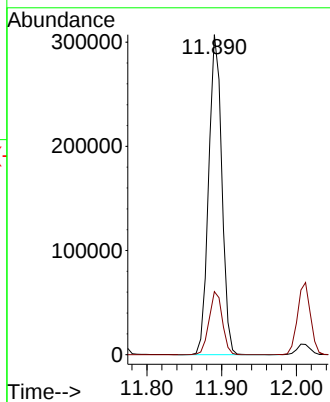
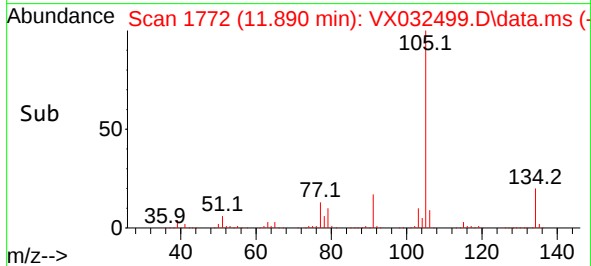
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



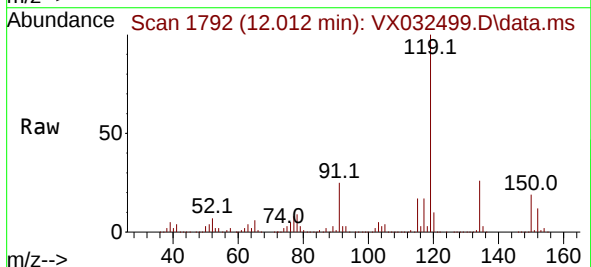
Tgt Ion:105 Resp: 375572
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

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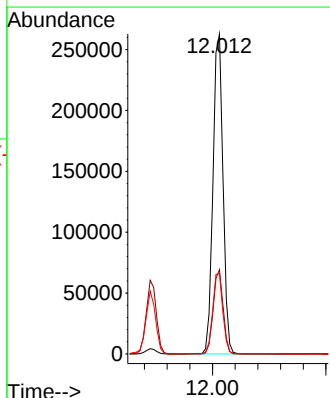
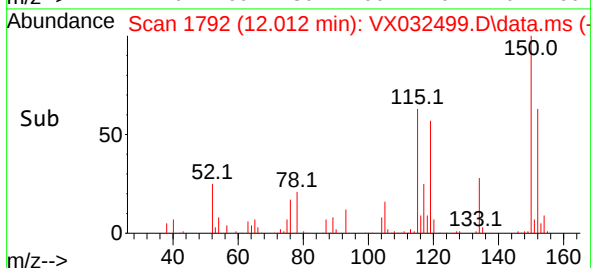
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#86
 p-Isopropyltoluene
 Concen: 49.927 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032499.D
 Acq: 31 Oct 2022 19:36



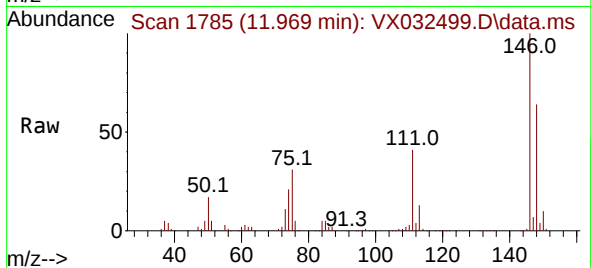
Tgt Ion:119 Resp: 321276
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 25.6 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 48.961 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

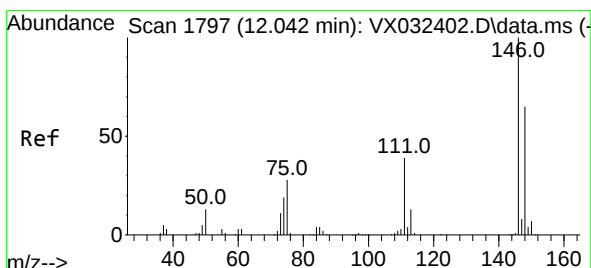
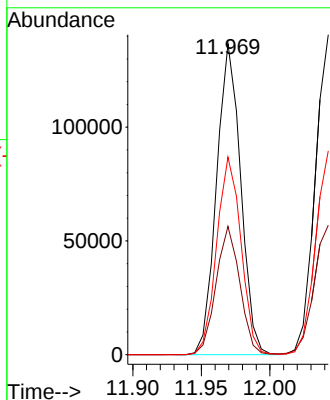
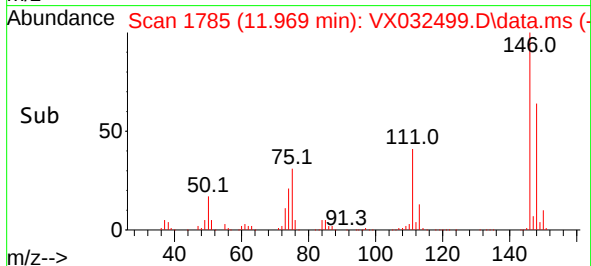
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



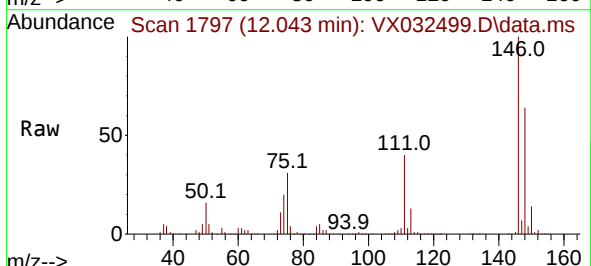
Tgt Ion:146 Resp: 16724
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 64.1 31.7 95.1

Manual Integrations
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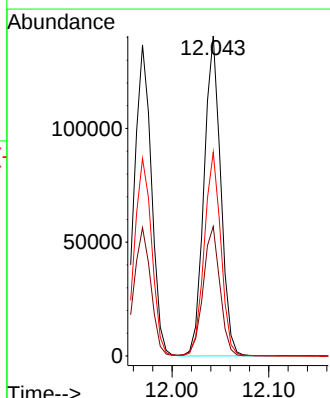
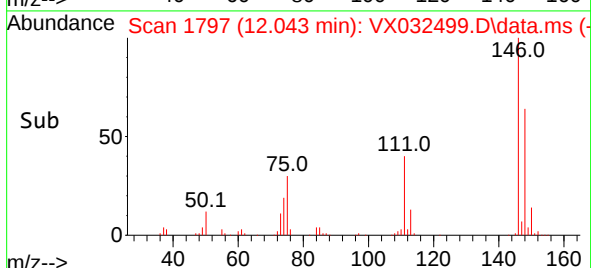
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#88
1,4-Dichlorobenzene
Concen: 47.595 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



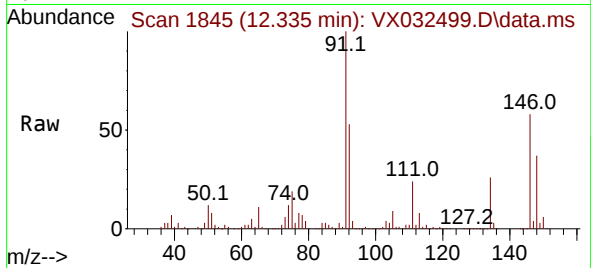
Tgt Ion:146 Resp: 168660
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.4 32.2 96.6





#89
n-Butylbenzene
Concen: 49.331 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

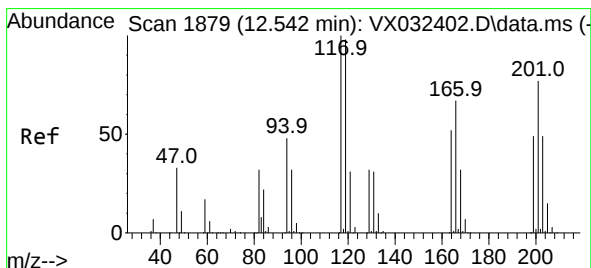
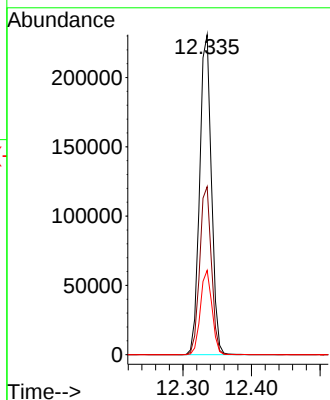
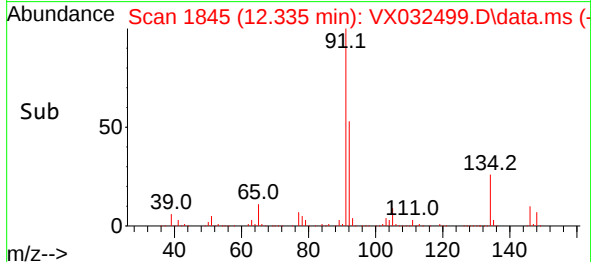
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 276164
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.6
134 26.0 12.9 38.6

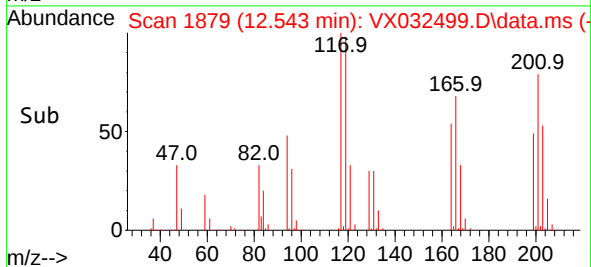
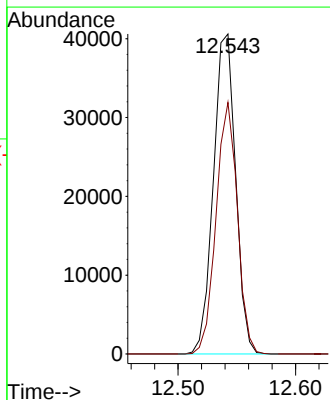
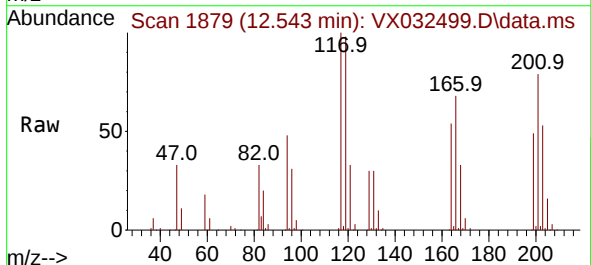
Manual Integrations
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Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#90
Hexachloroethane
Concen: 50.914 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

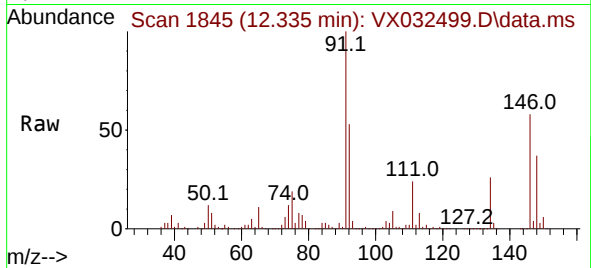
Tgt Ion:117 Resp: 53514
Ion Ratio Lower Upper
117 100
201 75.3 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 48.939 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

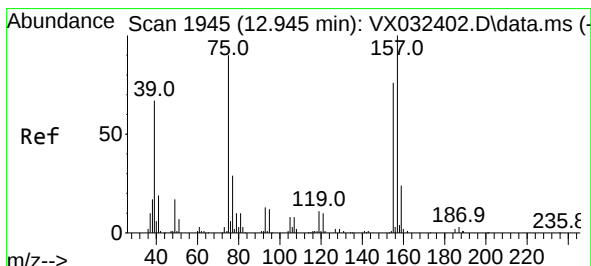
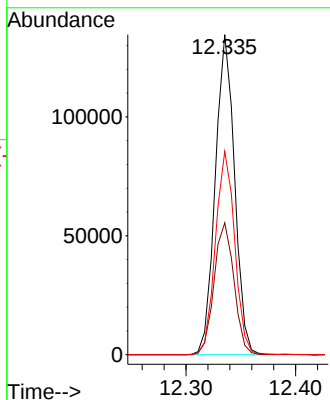
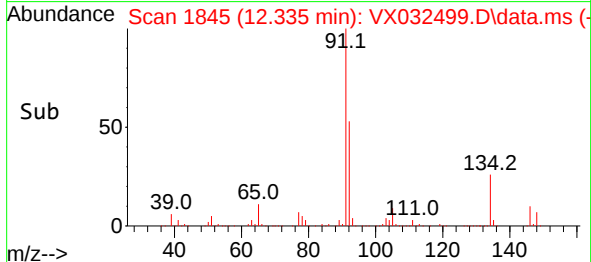
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



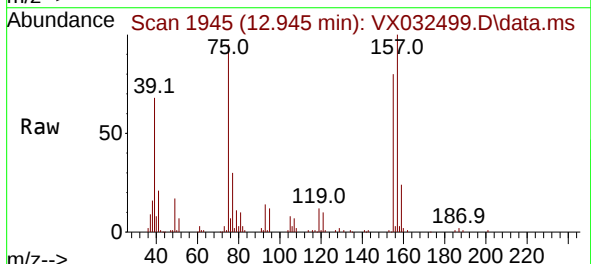
Tgt Ion:146 Resp: 164830
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 63.6 32.0 96.2

Manual Integrations
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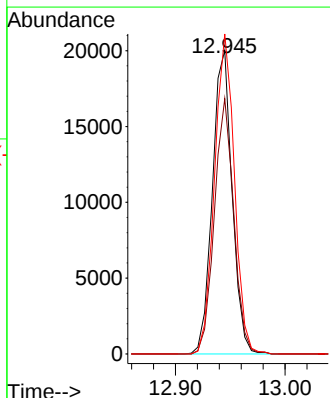
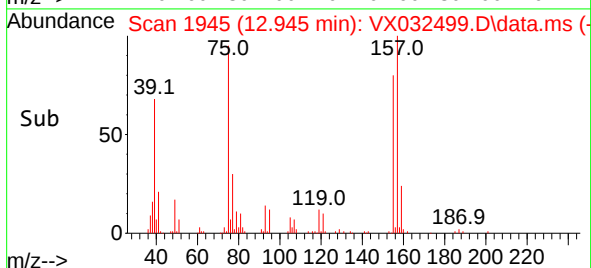
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.052 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



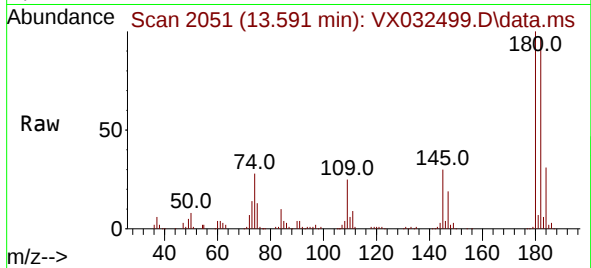
Tgt Ion: 75 Resp: 24979
Ion Ratio Lower Upper
75 100
155 83.0 41.6 124.8
157 106.3 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 46.835 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

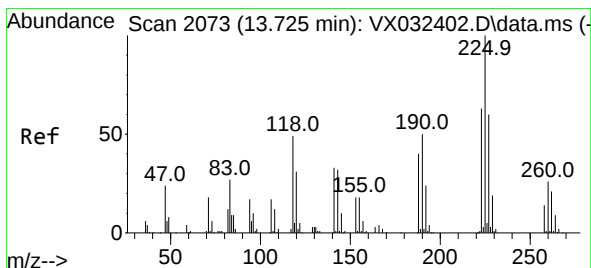
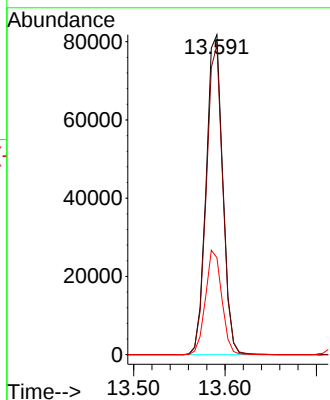
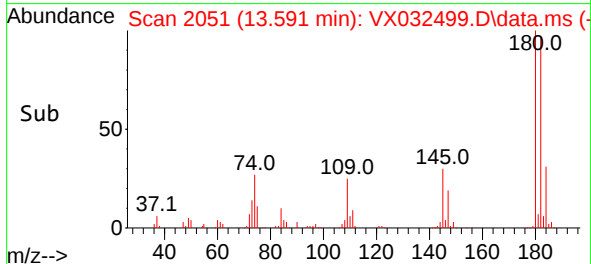
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



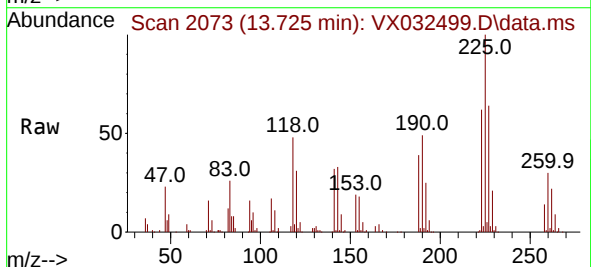
Tgt Ion:180 Resp: 102850
Ion Ratio Lower Upper
180 100
182 95.7 48.4 145.0
145 32.2 16.2 48.5

Manual Integrations
APPROVED

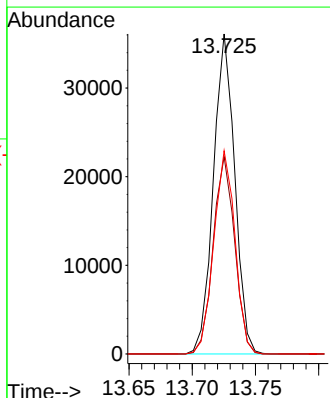
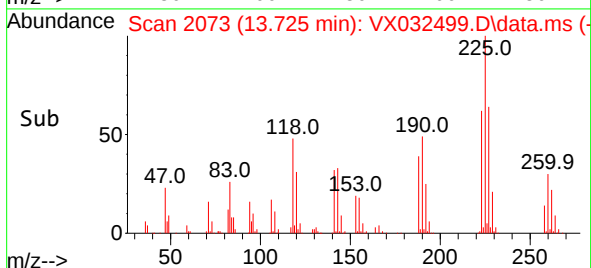
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

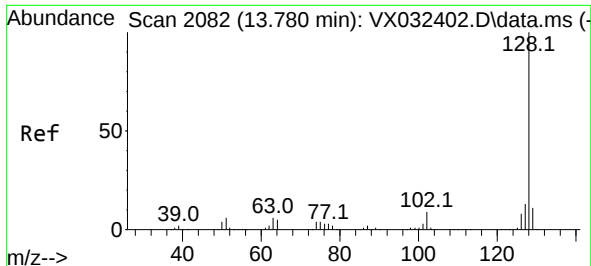


#94
Hexachlorobutadiene
Concen: 46.116 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



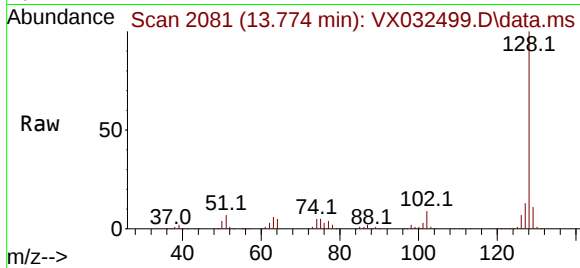
Tgt Ion:225 Resp: 42297
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.9
227 63.3 31.9 95.5





#95
Naphthalene
Concen: 46.993 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36

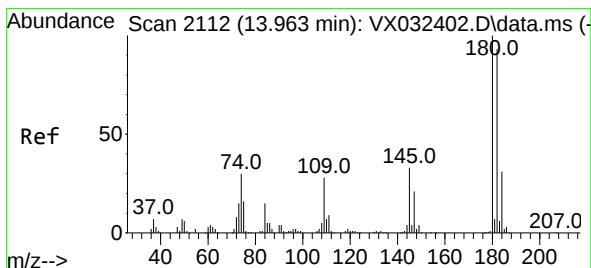
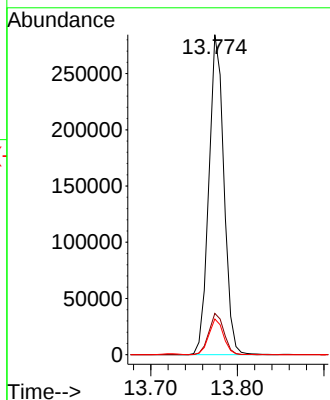
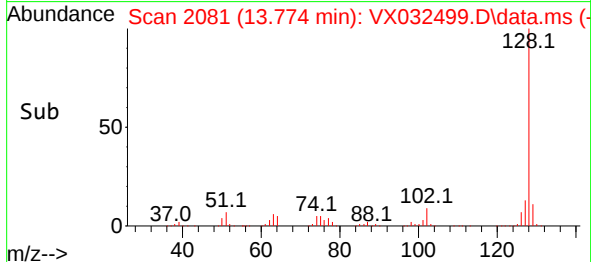
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



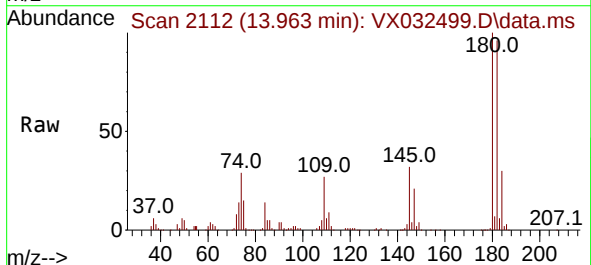
Tgt Ion:128 Resp: 34388
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.793 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032499.D
Acq: 31 Oct 2022 19:36



Tgt Ion:180 Resp: 102228
Ion Ratio Lower Upper
180 100
182 97.0 47.5 142.6
145 34.0 16.9 50.6

