

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032473.D
 Acq On : 28 Oct 2022 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 29 04:35:16 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	146079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93661	46.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.280%		
35) Dibromofluoromethane	5.385	113	78873	48.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.300%		
50) Toluene-d8	8.653	98	273648	48.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.079	95	109001	48.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90621	53.787	ug/l	95
3) Chloromethane	1.294	50	78054	54.781	ug/l	96
4) Vinyl Chloride	1.374	62	87846	56.021	ug/l	99
5) Bromomethane	1.611	94	57825	46.144	ug/l	100
6) Chloroethane	1.685	64	56951	54.137	ug/l	100
7) Trichlorofluoromethane	1.886	101	146158	49.191	ug/l	100
8) Diethyl Ether	2.130	74	50307	52.247	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	79091	50.434	ug/l	98
10) Methyl Iodide	2.453	142	100028	57.064	ug/l	97
11) Tert butyl alcohol	2.983	59	62496	211.546	ug/l	99
12) 1,1-Dichloroethene	2.319	96	76192	52.009	ug/l	98
13) Acrolein	2.239	56	92005	311.961	ug/l	100
14) Allyl chloride	2.666	41	113973	48.805	ug/l	96
15) Acrylonitrile	3.062	53	183412	228.761	ug/l	98
16) Acetone	2.386	43	154856	209.914	ug/l	98
17) Carbon Disulfide	2.514	76	162140	46.467	ug/l	98
18) Methyl Acetate	2.703	43	110881	46.220	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	256243	49.766	ug/l	100
20) Methylene Chloride	2.794	84	83331	49.266	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	79979	50.155	ug/l	99
22) Diisopropyl ether	3.757	45	246011	48.703	ug/l	89
23) Vinyl Acetate	3.721	43	953528	233.652	ug/l	98
24) 1,1-Dichloroethane	3.611	63	144124	49.605	ug/l	100
25) 2-Butanone	4.556	43	240113	210.086	ug/l	100
26) 2,2-Dichloropropane	4.477	77	101149	43.795	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	93170	50.548	ug/l	97
28) Bromochloromethane	4.904	49	47687	46.079	ug/l	95
29) Tetrahydrofuran	5.007	42	155001	212.679	ug/l	97
30) Chloroform	5.099	83	154915	48.591	ug/l	97
31) Cyclohexane	5.471	56	122166	49.641	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	139122	48.629	ug/l	99
36) 1,1-Dichloropropene	5.696	75	110827	48.581	ug/l	100
37) Ethyl Acetate	4.708	43	100754	42.430	ug/l	99
38) Carbon Tetrachloride	5.678	117	118741	46.929	ug/l	96
39) Methylcyclohexane	7.379	83	134220	49.727	ug/l	98
40) Benzene	6.038	78	318327	49.310	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	56629	46.813	ug/l	97
42) 1,2-Dichloroethane	6.086	62	125620	47.603	ug/l	98
43) Isopropyl Acetate	6.342	43	165111	45.286	ug/l	98
44) Trichloroethene	7.129	130	87860	48.346	ug/l	98
45) 1,2-Dichloropropane	7.434	63	80292	48.451	ug/l	99
46) Dibromomethane	7.580	93	59013	46.434	ug/l	98
47) Bromodichloromethane	7.824	83	112761	46.814	ug/l	98
48) Methyl methacrylate	7.696	41	84375	44.808	ug/l	97
49) 1,4-Dioxane	7.684	88	31148	867.982	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	501821	218.514	ug/l	98
52) Toluene	8.720	92	207267	49.210	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	115559	47.021	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	127936	48.670	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	84655	47.725	ug/l	99
56) Ethyl methacrylate	9.116	69	125705	49.246	ug/l	95
57) 1,3-Dichloropropane	9.311	76	136489	47.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	296420	241.167	ug/l	99
59) 2-Hexanone	9.433	43	368886	216.477	ug/l	97
60) Dibromochloromethane	9.525	129	88343	45.598	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89904	47.835	ug/l	99
64) Tetrachloroethene	9.275	164	73321	48.233	ug/l	98
65) Chlorobenzene	10.079	112	224976	48.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	83677	47.789	ug/l	99
67) Ethyl Benzene	10.195	91	408183	49.063	ug/l	100
68) m/p-Xylenes	10.305	106	317246	98.202	ug/l	99
69) o-Xylene	10.640	106	155823	49.610	ug/l	99
70) Styrene	10.659	104	260417	49.888	ug/l	99
71) Bromoform	10.799	173	62043	44.816	ug/l #	100
73) Isopropylbenzene	10.963	105	416146	47.861	ug/l	100
74) N-amyl acetate	10.842	43	152805	46.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	123919	44.401	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	111505m	45.678	ug/l	
77) Bromobenzene	11.201	156	101704	47.712	ug/l	99
78) n-propylbenzene	11.305	91	480513	47.966	ug/l	99
79) 2-Chlorotoluene	11.366	91	284839	47.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	358844	48.289	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31577	41.161	ug/l	99
82) 4-Chlorotoluene	11.457	91	333376	47.489	ug/l	99
83) tert-Butylbenzene	11.713	119	353717	47.677	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	356803	48.275	ug/l	99
85) sec-Butylbenzene	11.890	105	427840	47.926	ug/l	99
86) p-Isopropyltoluene	12.012	119	369846	48.825	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	191987	47.746	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	196194	47.032	ug/l	99
89) n-Butylbenzene	12.335	91	319049	48.414	ug/l	99
90) Hexachloroethane	12.542	117	54351	43.927	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	190996	48.173	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25602	41.838	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	122147	47.249	ug/l	98
94) Hexachlorobutadiene	13.725	225	47425	43.925	ug/l	99
95) Naphthalene	13.774	128	406682	47.211	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	120607	45.895	ug/l	98

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

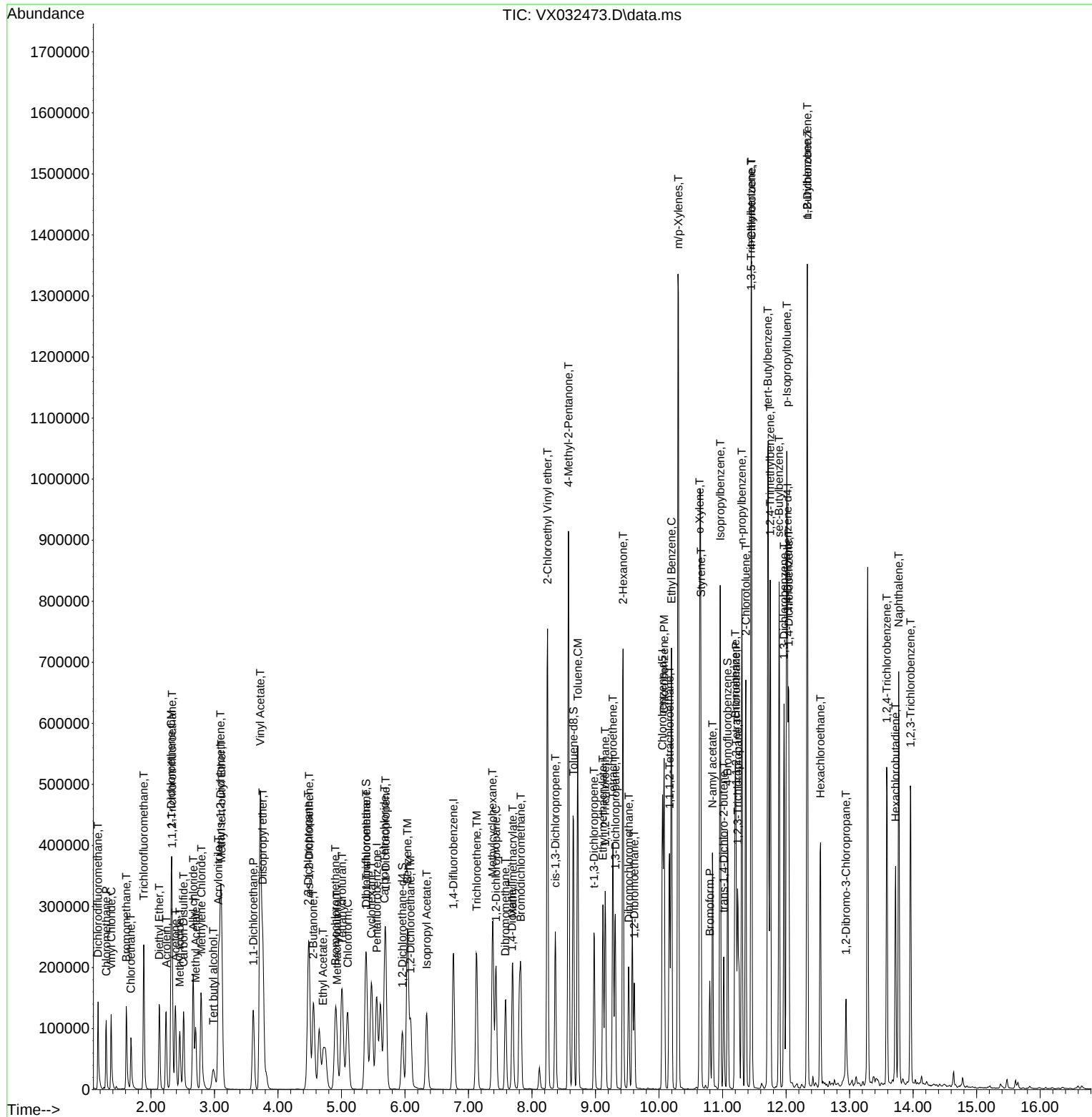
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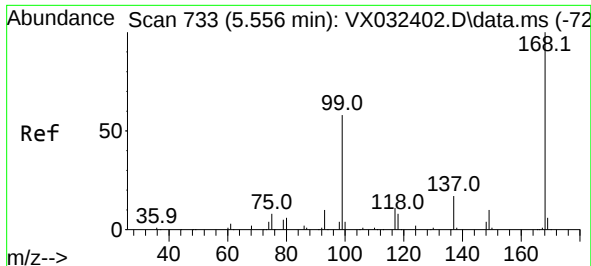
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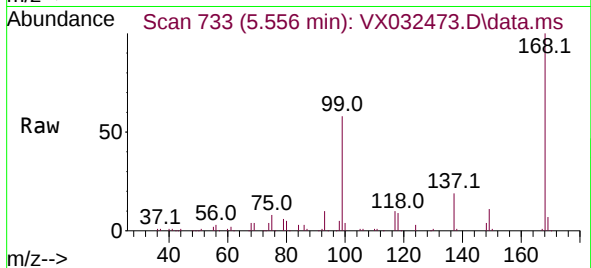
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032473.D
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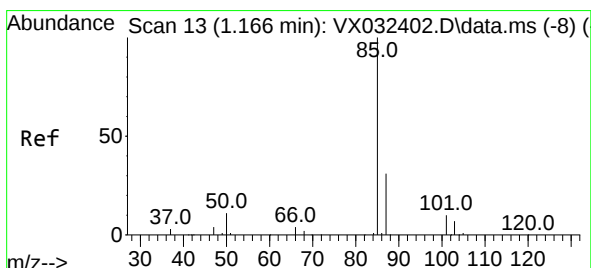
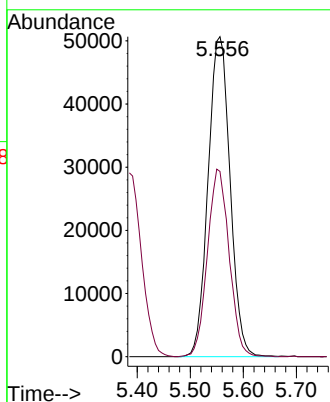
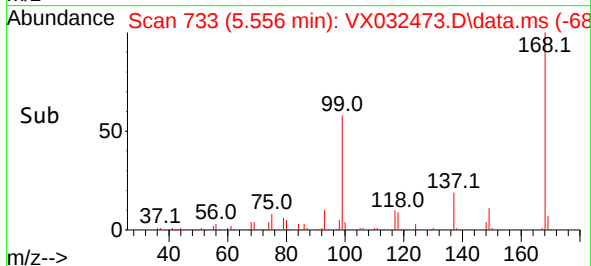
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 146079
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1

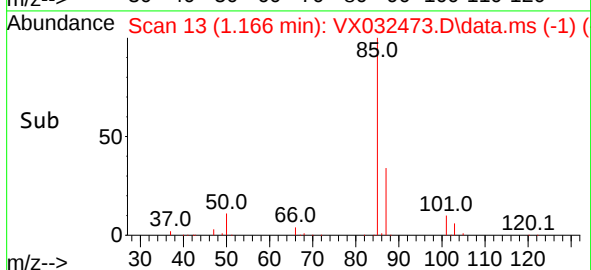
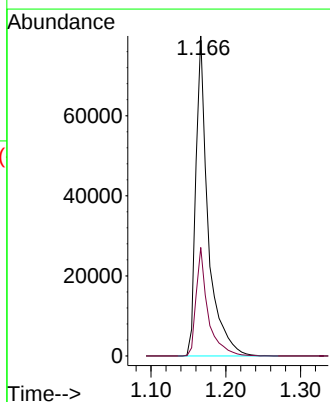
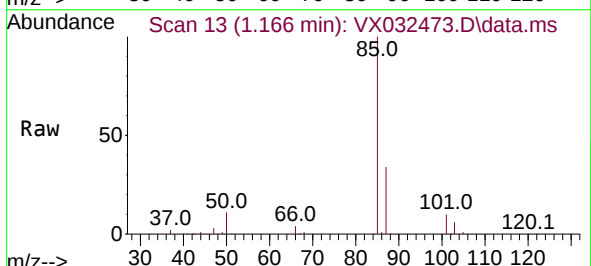
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#2
Dichlorodifluoromethane
Concen: 53.787 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

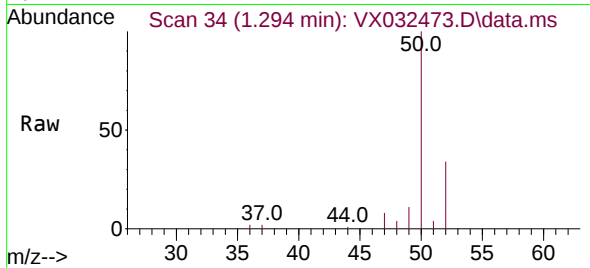
Tgt Ion: 85 Resp: 90621
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.7





#3
Chloromethane
Concen: 54.781 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

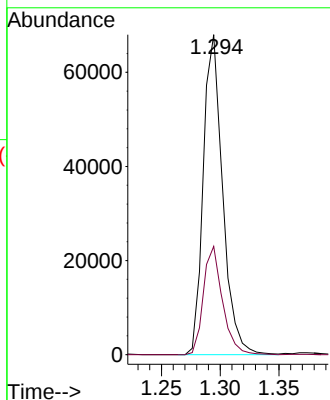
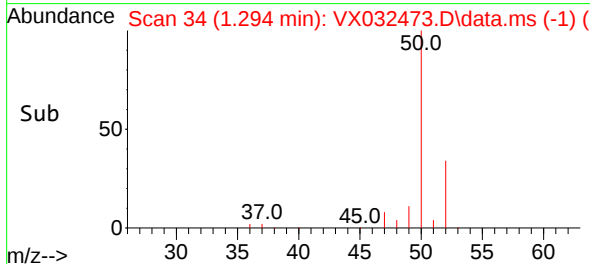
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MSVOA_X
ClientSampleId :
VSTDCCC050EC



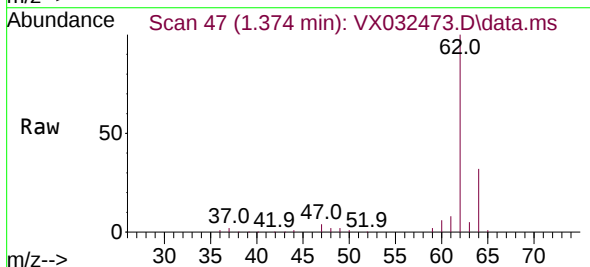
Tgt Ion: 50 Resp: 78054
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.2

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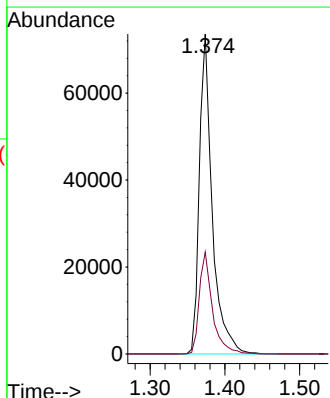
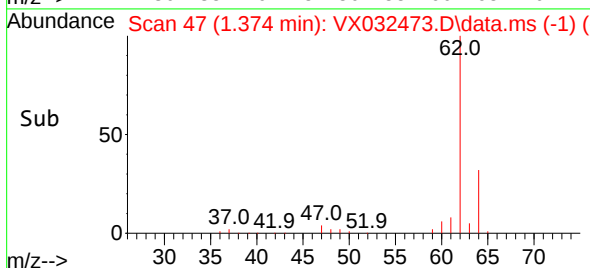
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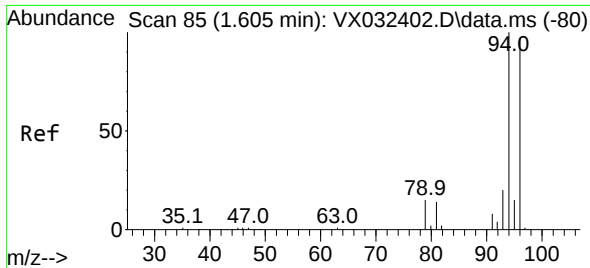


#4
Vinyl Chloride
Concen: 56.021 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 62 Resp: 87846
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





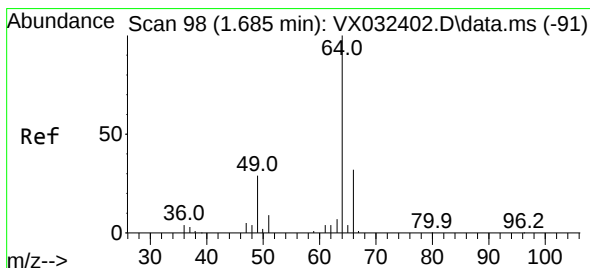
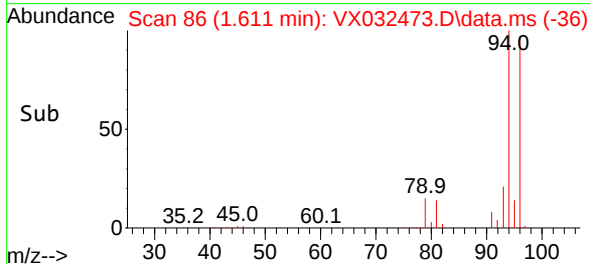
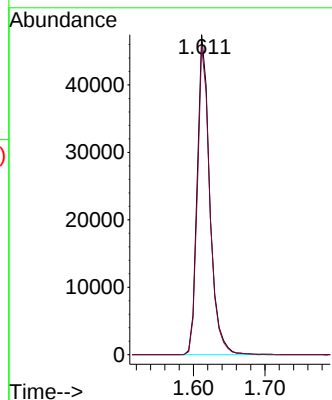
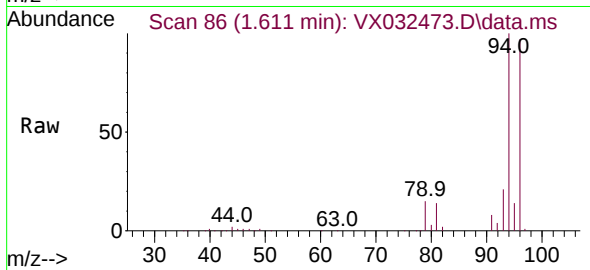
#5
Bromomethane
Concen: 46.144 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

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Tgt Ion: 94 Resp: 5782
Ion Ratio Lower Upper
94 100
96 96.5 77.6 116.4

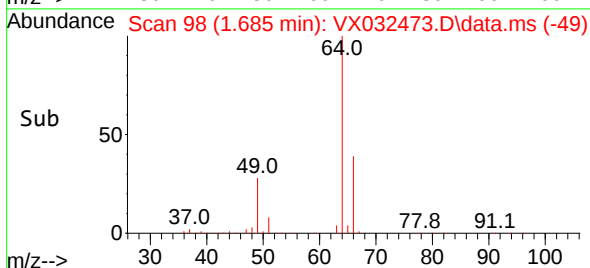
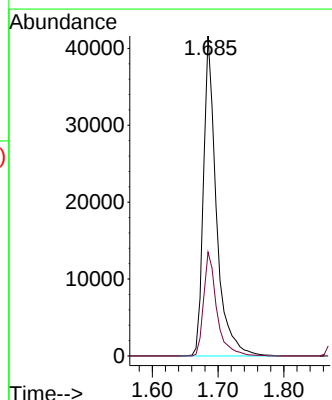
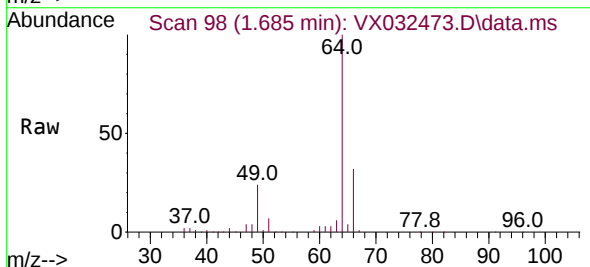
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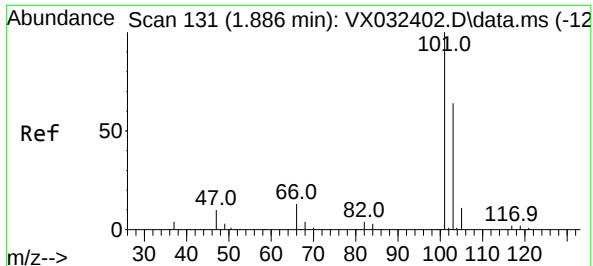
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#6
Chloroethane
Concen: 54.137 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

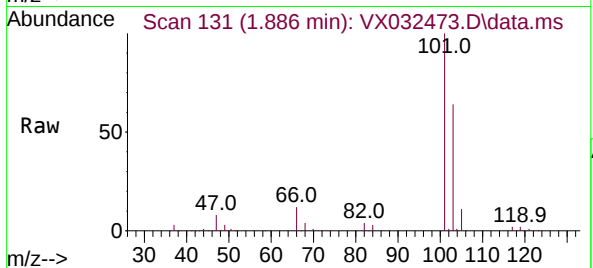
Tgt Ion: 64 Resp: 56951
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 49.191 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

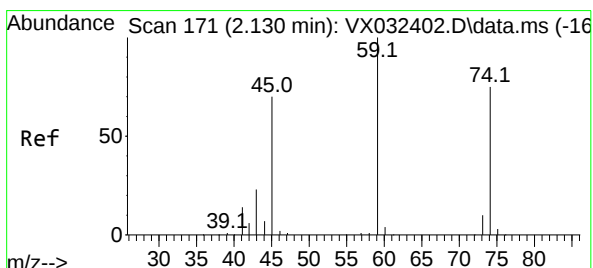
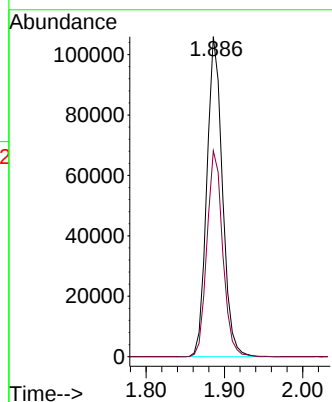
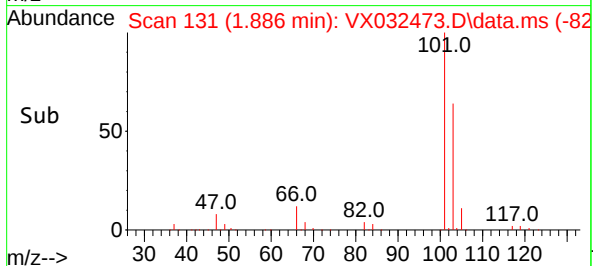
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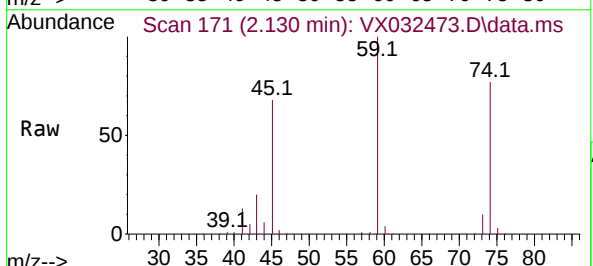
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Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

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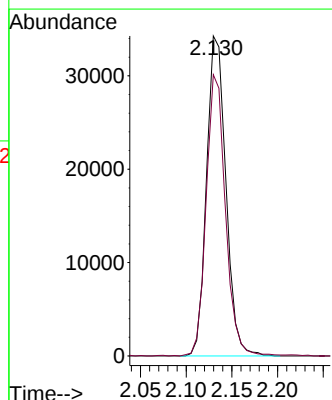
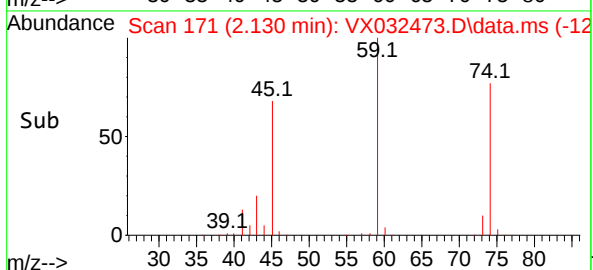
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#8
Diethyl Ether
Concen: 52.247 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 50307
Ion Ratio Lower Upper
74 100
45 87.7 46.6 139.7





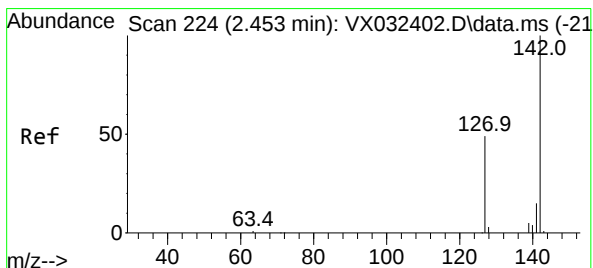
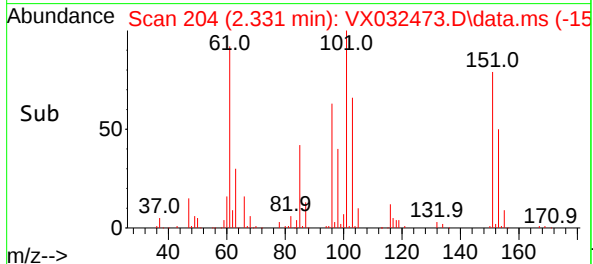
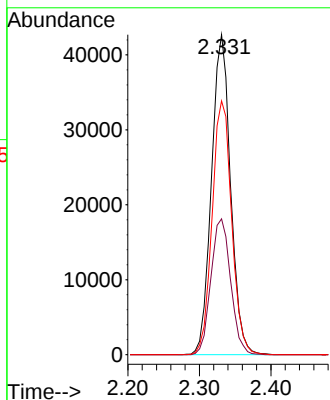
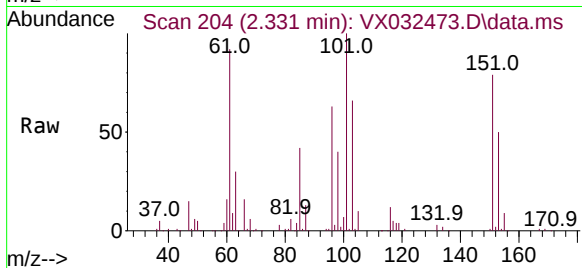
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.434 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7909
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.4
151 81.1 64.4 96.6

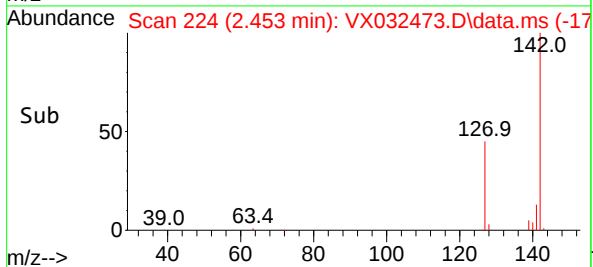
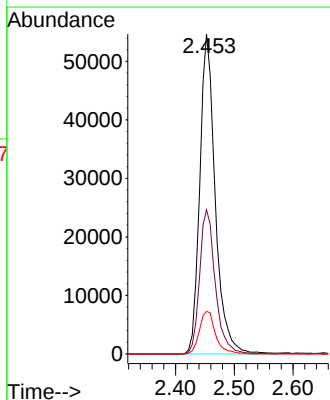
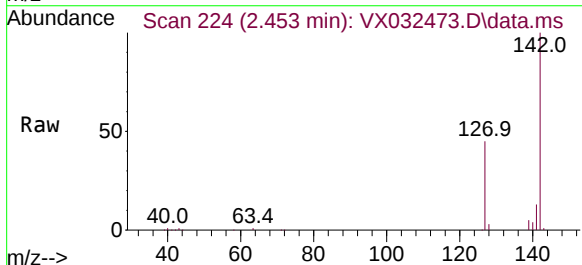
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 57.064 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:142 Resp: 100028
Ion Ratio Lower Upper
142 100
127 45.9 38.6 57.8
141 13.9 11.4 17.2





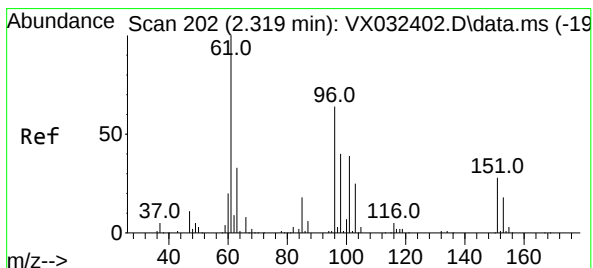
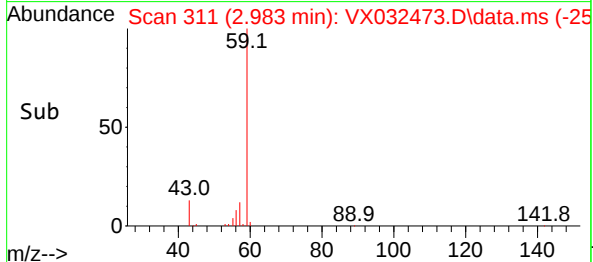
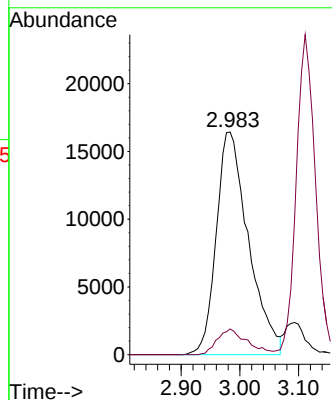
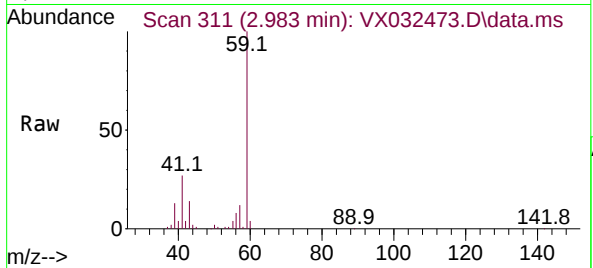
#11
Tert butyl alcohol
Concen: 211.546 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 62490
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

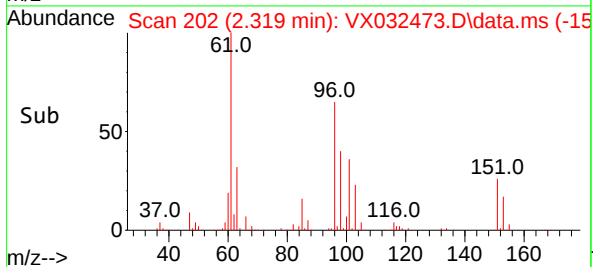
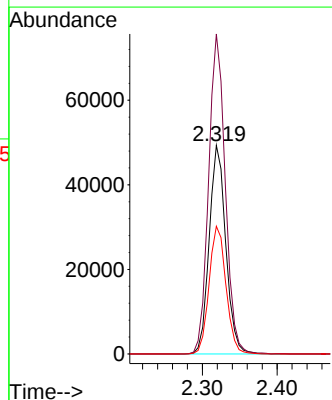
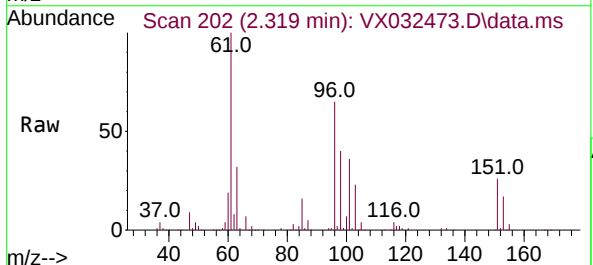
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 52.009 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

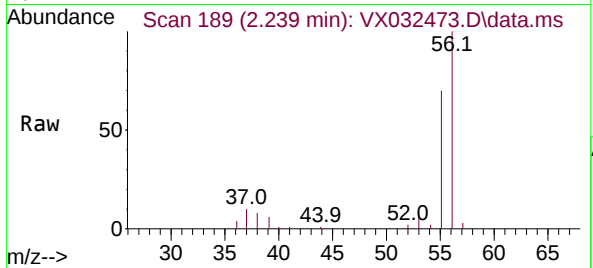
Tgt Ion: 96 Resp: 76192
Ion Ratio Lower Upper
96 100
61 153.4 125.1 187.7
98 61.2 50.6 76.0





#13
Acrolein
Concen: 311.961 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

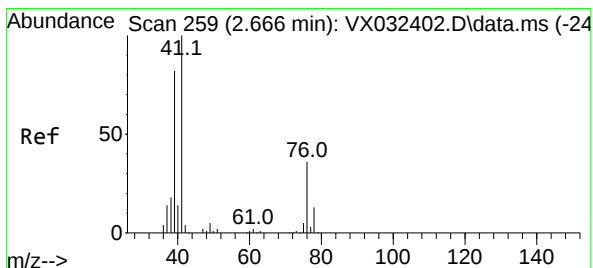
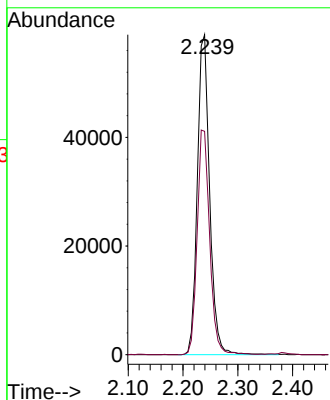
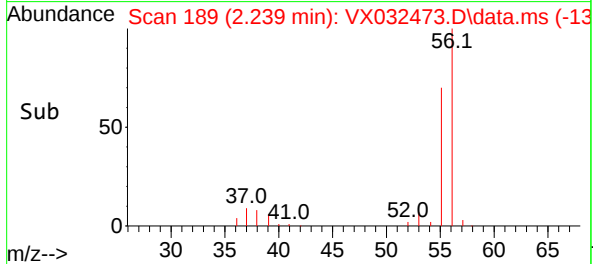
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 92000
Ion Ratio Lower Upper
56 100
55 71.5 56.9 85.3

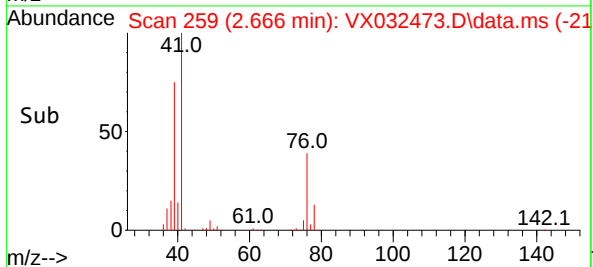
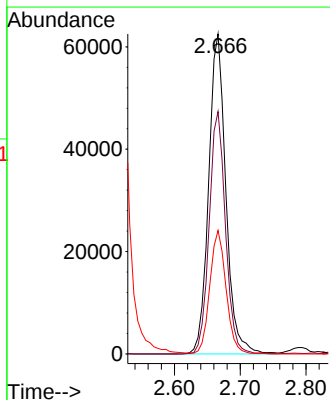
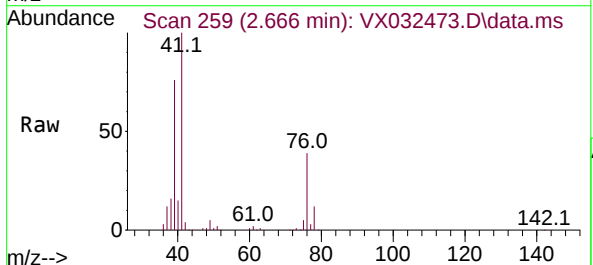
Manual Integrations
APPROVED

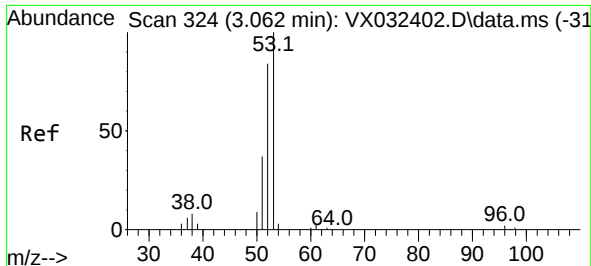
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 48.805 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

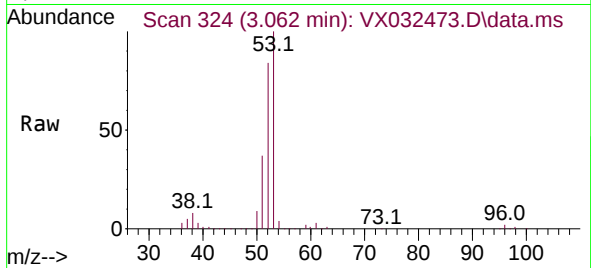
Tgt Ion: 41 Resp: 113973
Ion Ratio Lower Upper
41 100
39 71.9 61.4 92.2
76 36.5 29.2 43.8





#15
Acrylonitrile
Concen: 228.761 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

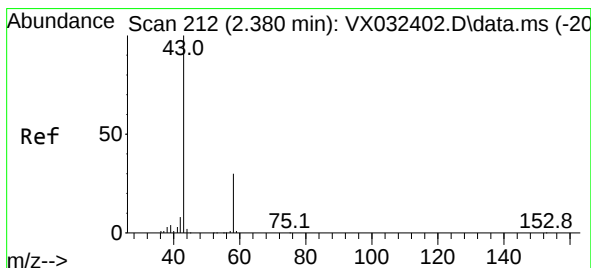
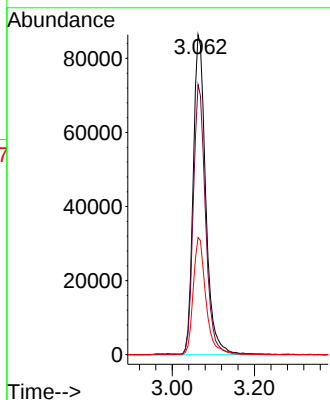
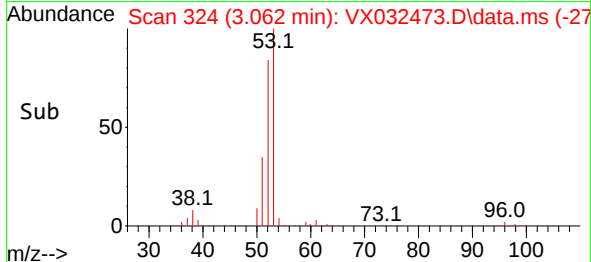
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 183412
Ion Ratio Lower Upper
53 100
52 82.6 67.4 101.0
51 36.6 30.3 45.5

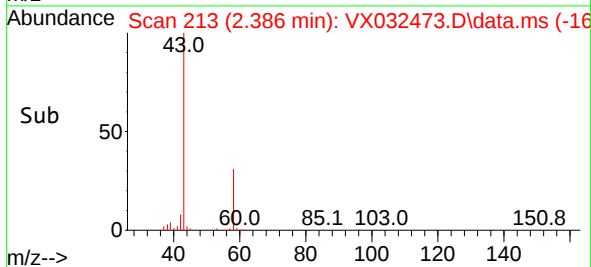
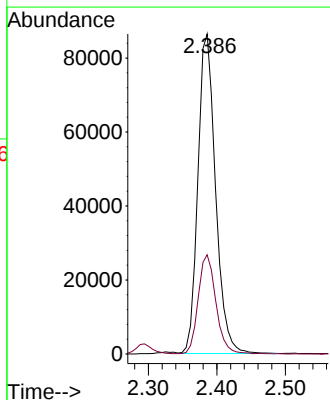
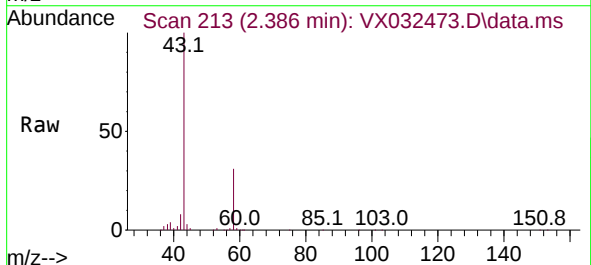
Manual Integrations
APPROVED

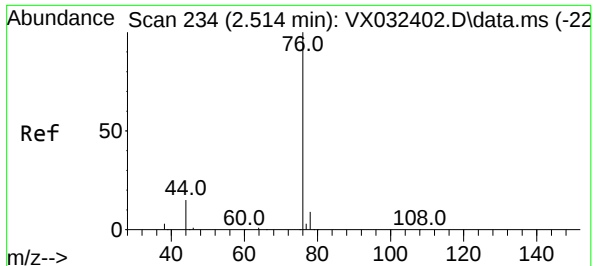
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 209.914 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

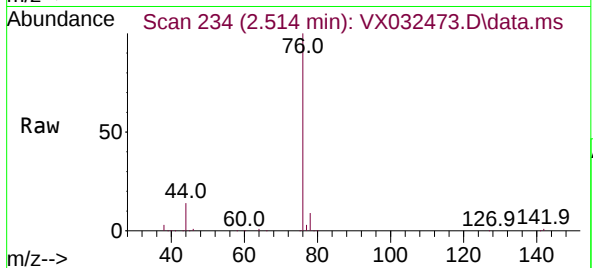
Tgt Ion: 43 Resp: 154856
Ion Ratio Lower Upper
43 100
58 30.9 23.8 35.8





#17
Carbon Disulfide
Concen: 46.467 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

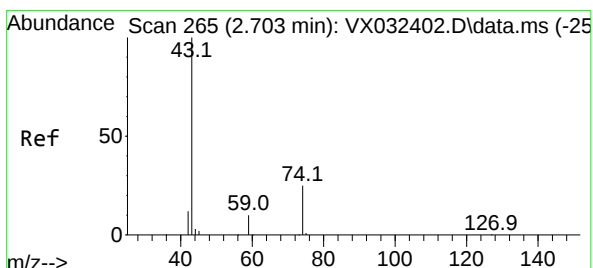
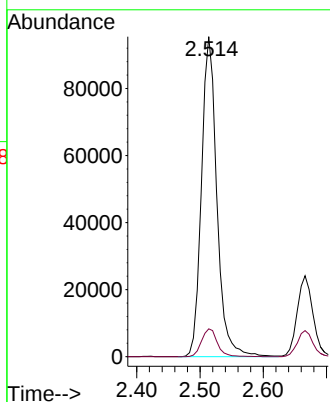
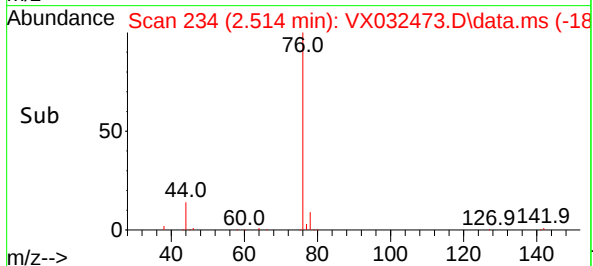
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



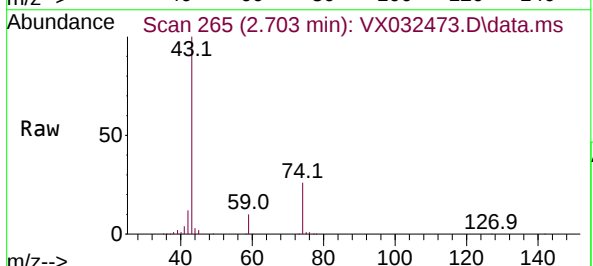
Tgt Ion: 76 Resp: 162140
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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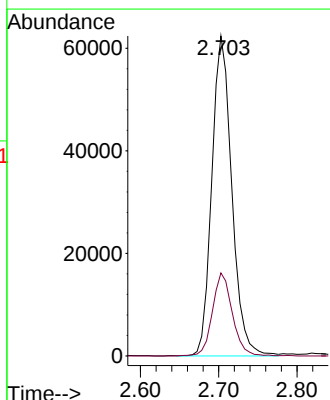
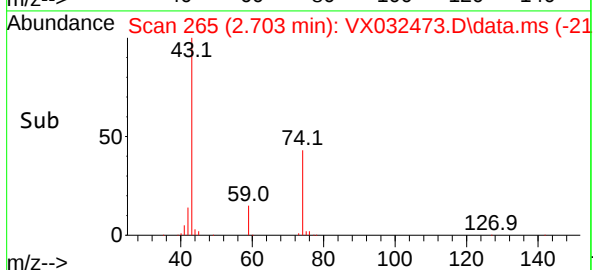
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

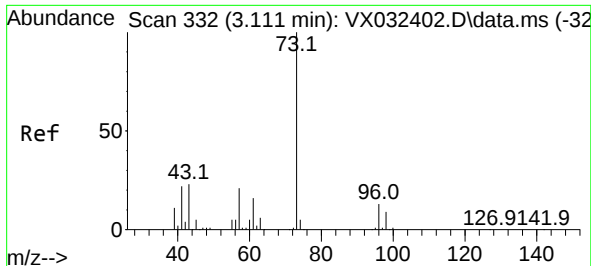


#18
Methyl Acetate
Concen: 46.220 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



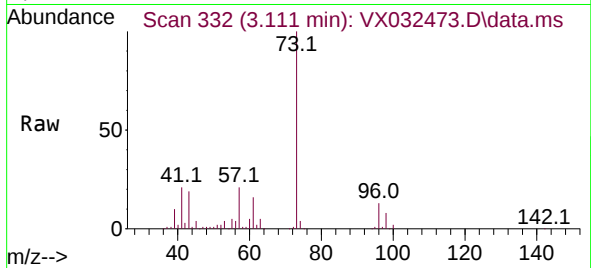
Tgt Ion: 43 Resp: 110881
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.0





#19
Methyl tert-butyl Ether
Concen: 49.766 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

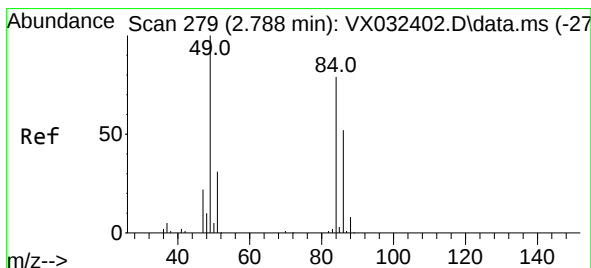
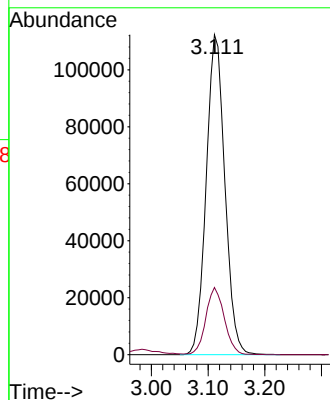
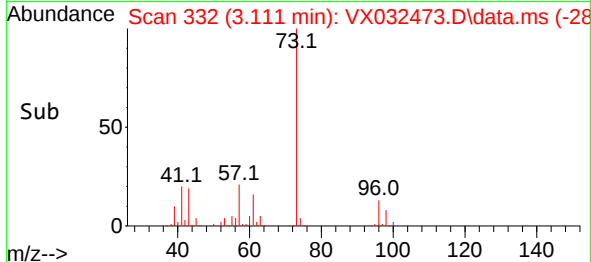
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 25624
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

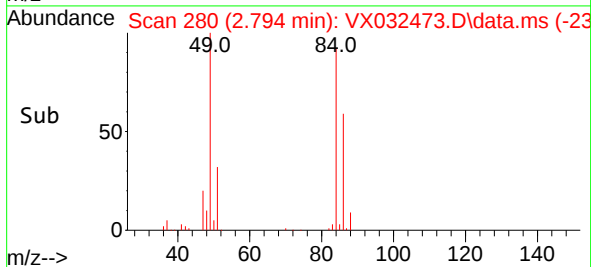
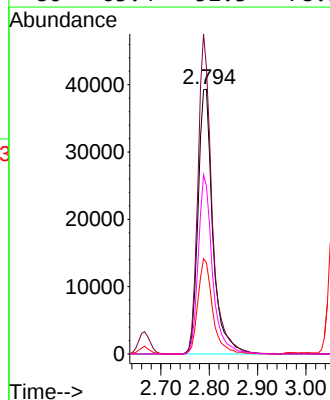
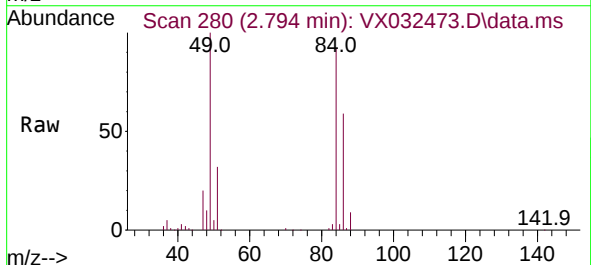
Manual Integrations
APPROVED

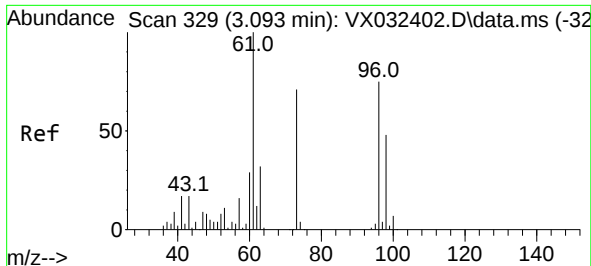
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 49.266 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

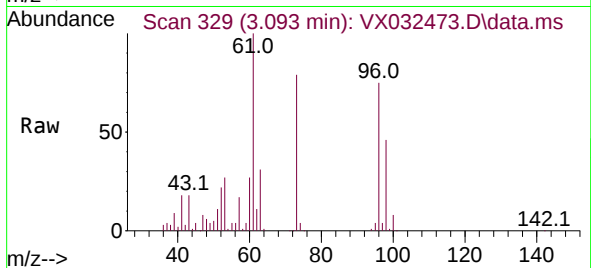
Tgt Ion: 84 Resp: 83331
Ion Ratio Lower Upper
84 100
49 108.1 101.0 151.6
51 34.5 31.1 46.7
86 63.4 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 50.155 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

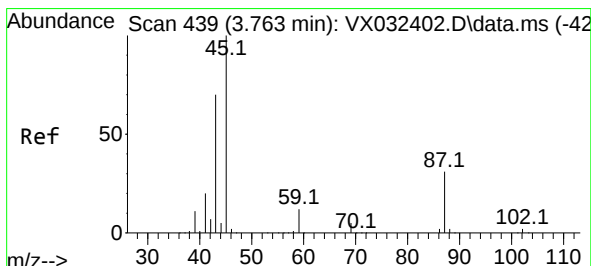
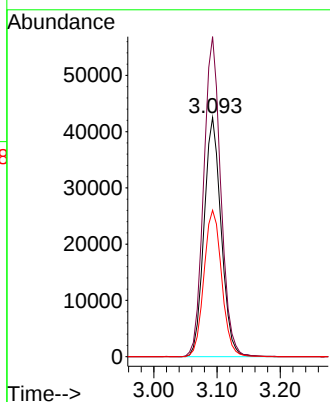
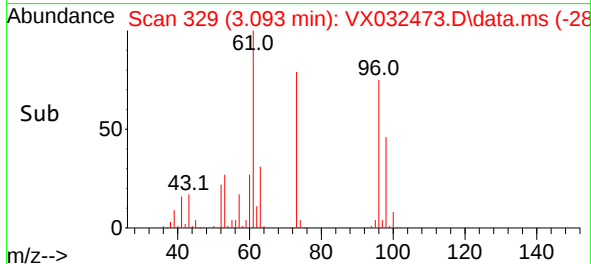
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



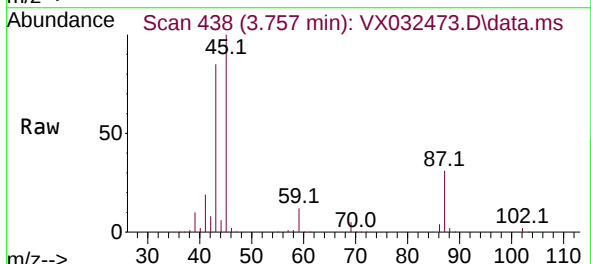
Tgt Ion: 96 Resp: 79979
Ion Ratio Lower Upper
96 100
61 133.8 106.6 160.0
98 61.2 51.0 76.6

Manual Integrations
APPROVED

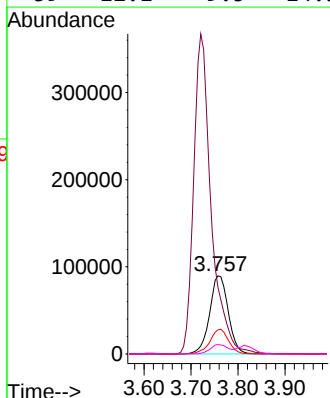
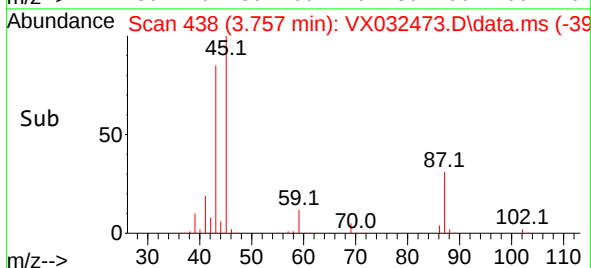
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

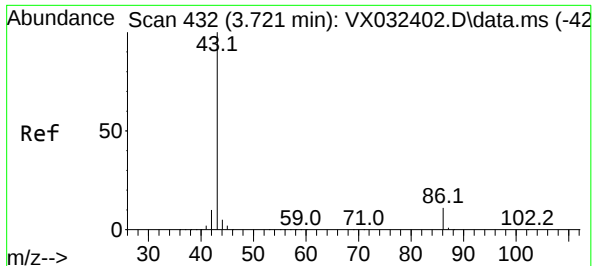


#22
Diisopropyl ether
Concen: 48.703 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



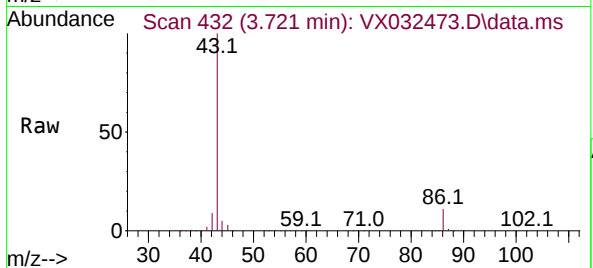
Tgt Ion: 45 Resp: 246011
Ion Ratio Lower Upper
45 100
43 84.4 56.4 84.6
87 31.0 24.4 36.6
59 12.1 9.5 14.3





#23
 Vinyl Acetate
 Concen: 233.652 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032473.D
 Acq: 28 Oct 2022 20:28

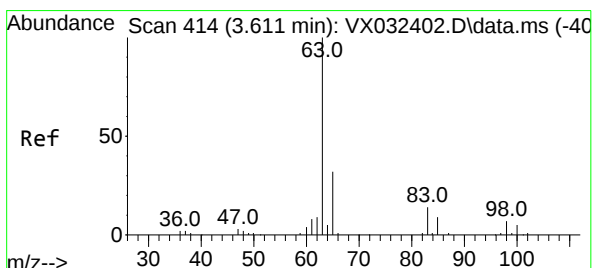
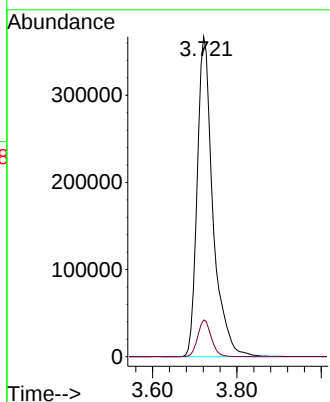
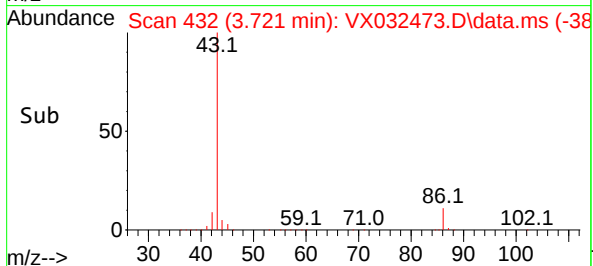
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



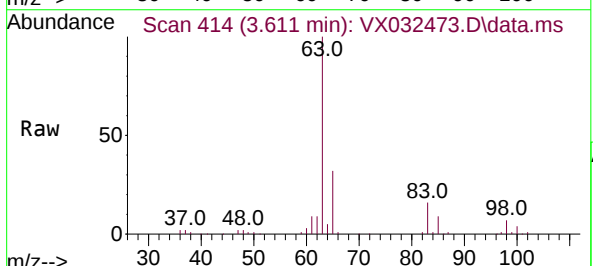
Tgt Ion: 43 Resp: 953528
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

Manual Integrations
 APPROVED

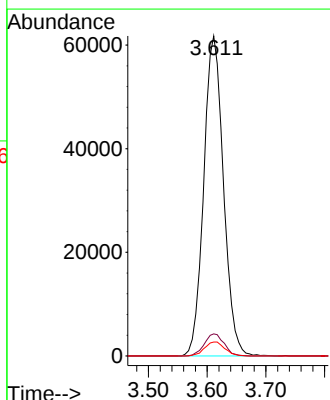
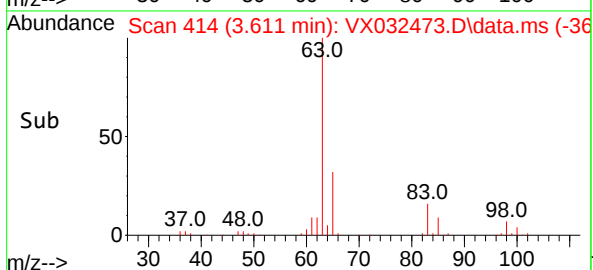
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022

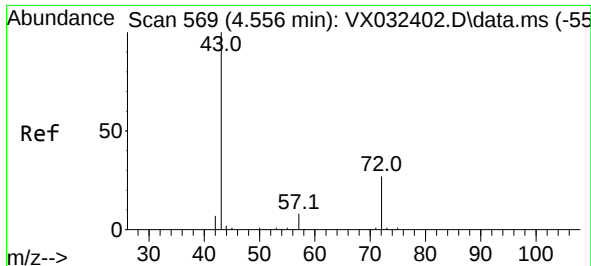


#24
 1,1-Dichloroethane
 Concen: 49.605 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032473.D
 Acq: 28 Oct 2022 20:28



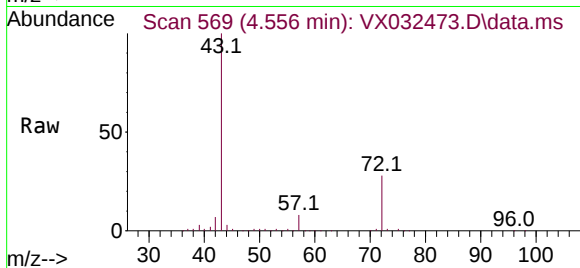
Tgt Ion: 63 Resp: 144124
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 210.086 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

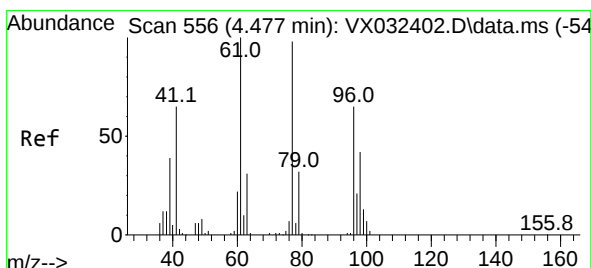
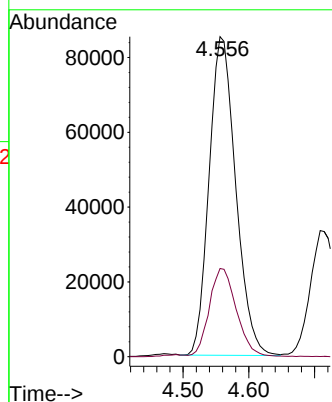
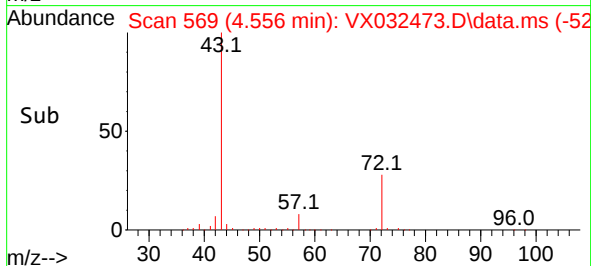
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24011
Ion Ratio Lower Upper
43 100
72 27.5 22.2 33.2

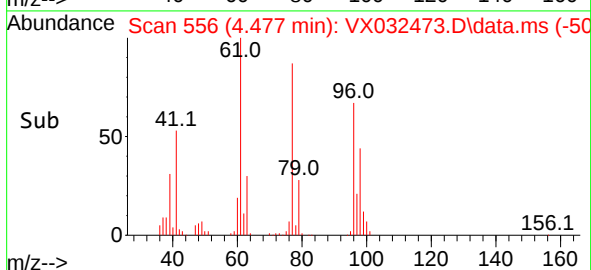
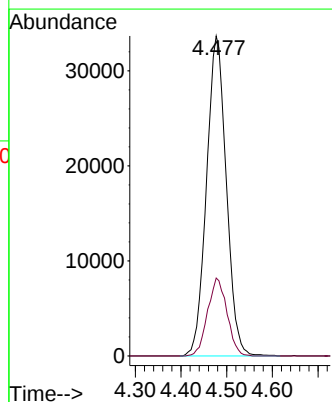
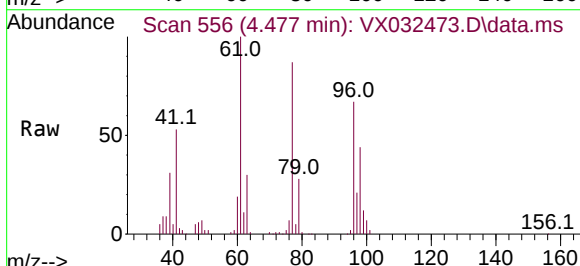
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 43.795 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion: 77 Resp: 101149
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.548 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032473.D

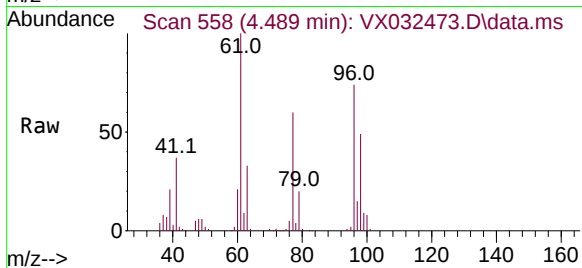
Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 93170

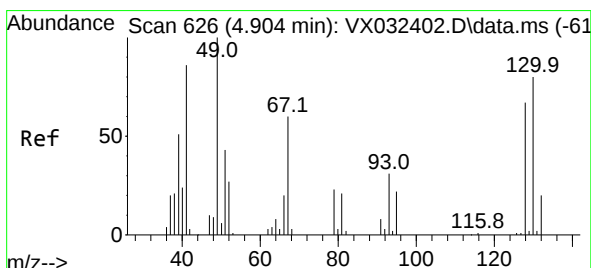
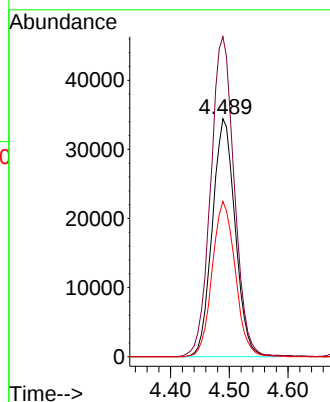
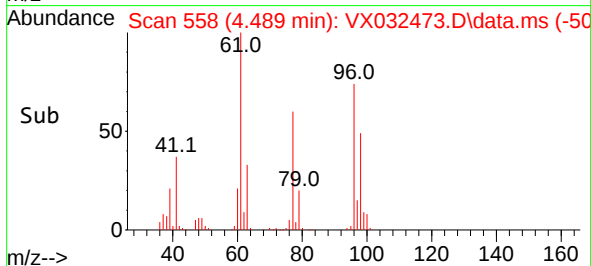
Ion	Ratio	Lower	Upper
96	100		
61	139.0	0.0	286.0
98	65.6	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 46.079 ug/l

RT: 4.904 min Scan# 626

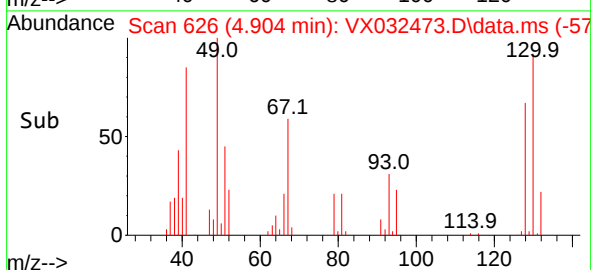
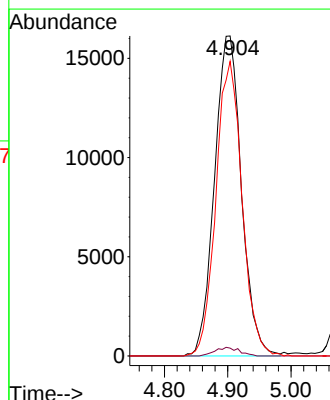
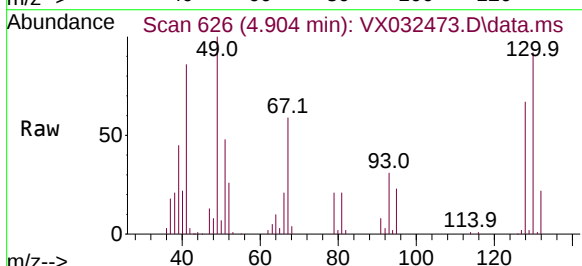
Delta R.T. 0.000 min

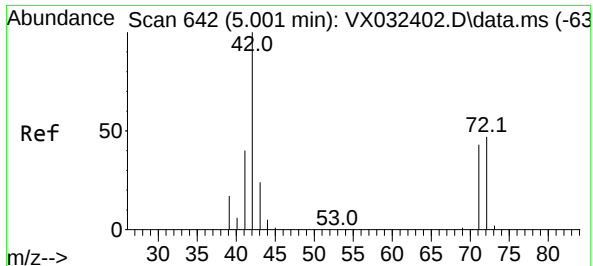
Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion: 49 Resp: 47687

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.8
130	89.3	67.5	101.3





#29

Tetrahydrofuran

Concen: 212.679 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15500

Ion Ratio Lower Upper

42 100

72 49.2 37.6 56.4

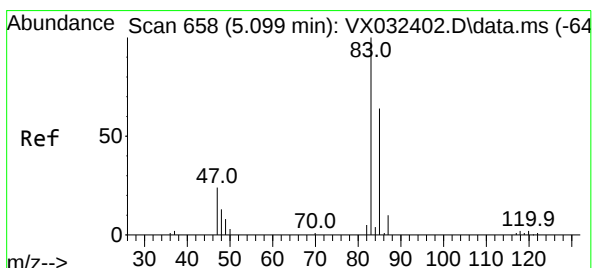
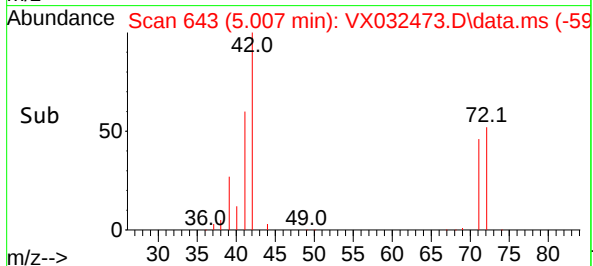
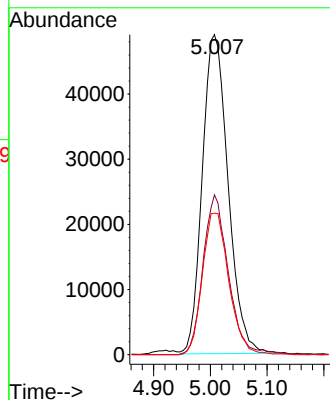
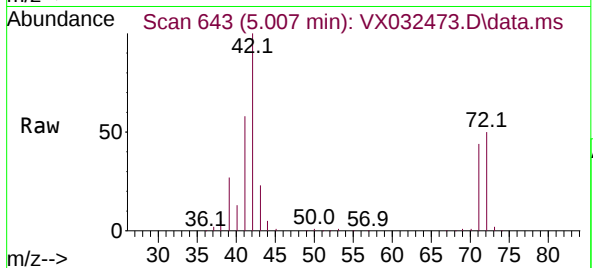
71 45.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 48.591 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032473.D

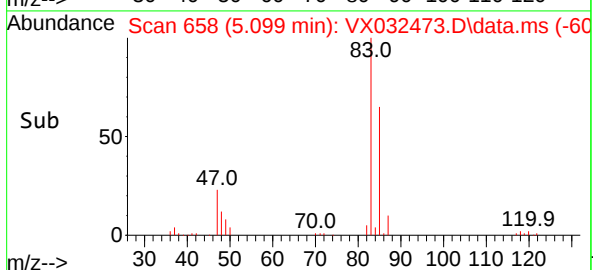
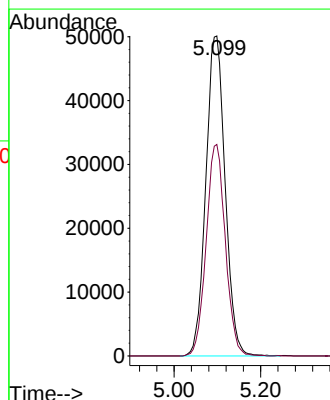
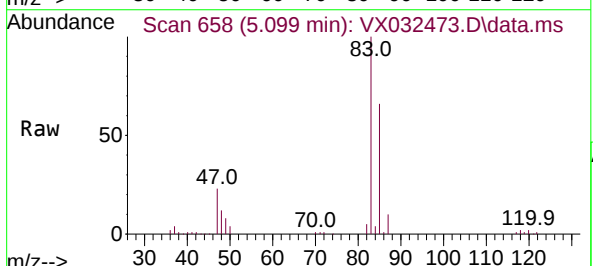
Acq: 28 Oct 2022 20:28

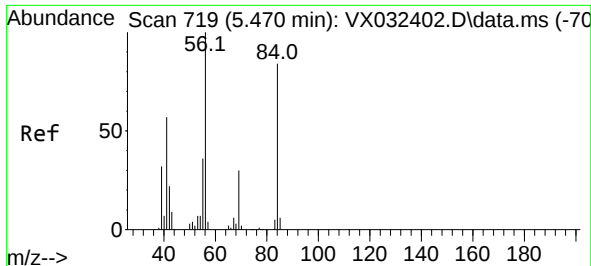
Tgt Ion: 83 Resp: 154915

Ion Ratio Lower Upper

83 100

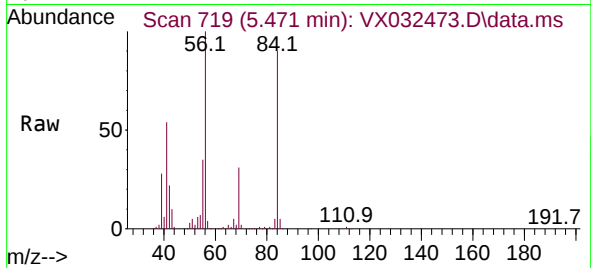
85 66.1 51.1 76.7





#31
Cyclohexane
Concen: 49.641 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

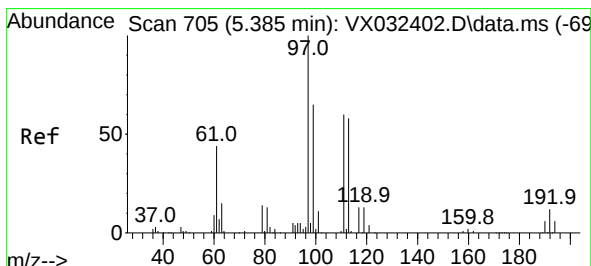
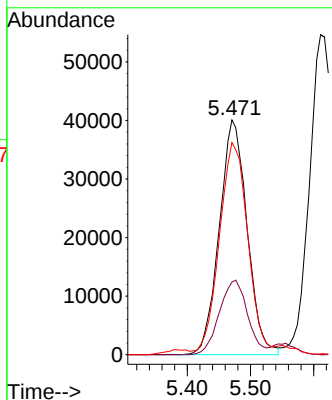
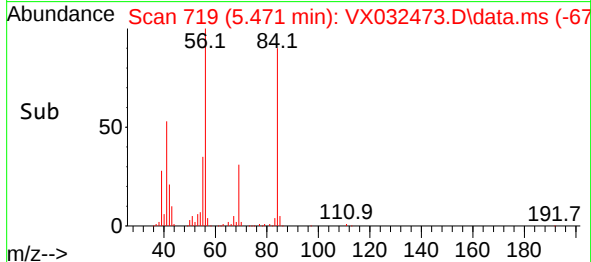
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



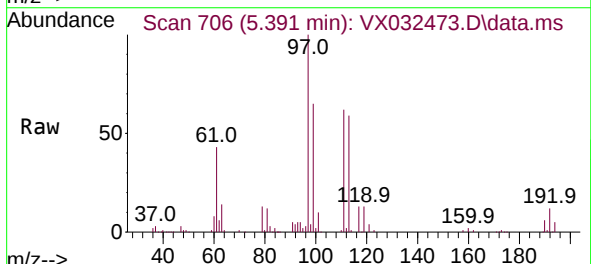
Tgt Ion: 56 Resp: 122160
Ion Ratio Lower Upper
56 100
69 30.9 24.1 36.1
84 88.3 66.9 100.3

Manual Integrations
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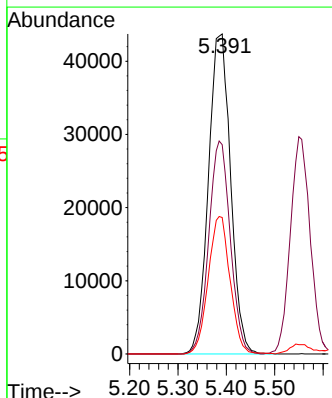
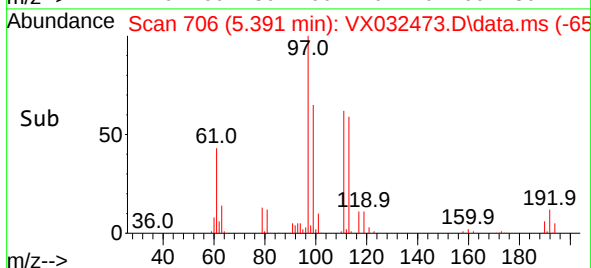
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

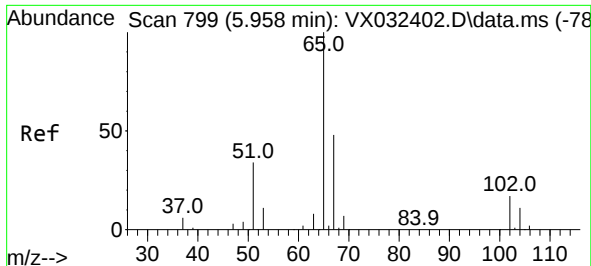


#32
1,1,1-Trichloroethane
Concen: 48.629 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 97 Resp: 139122
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.144 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 93663

Ion Ratio Lower Upper

65 100

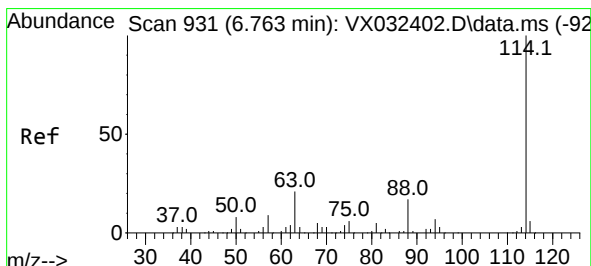
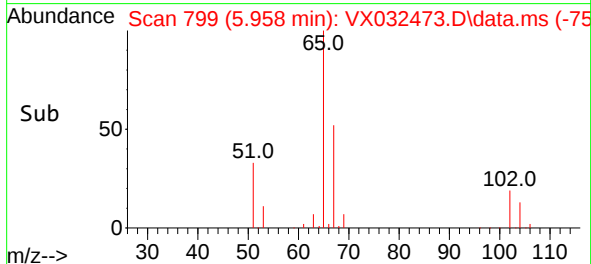
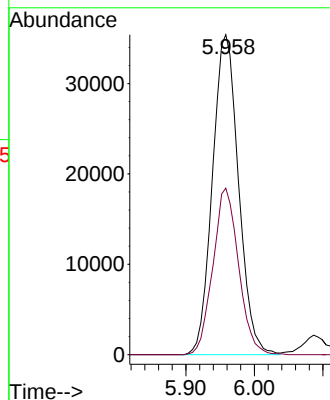
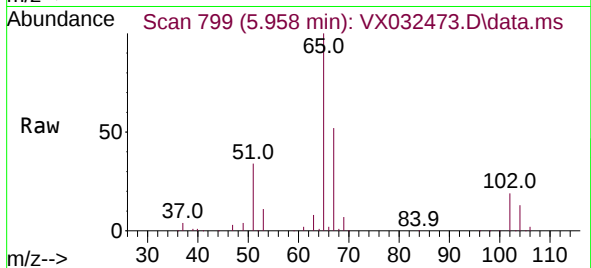
67 51.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

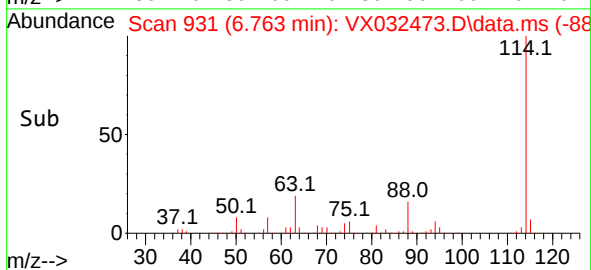
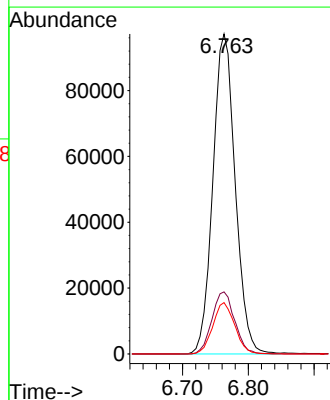
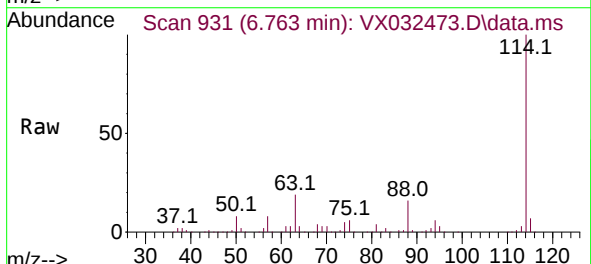
Tgt Ion:114 Resp: 229663

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

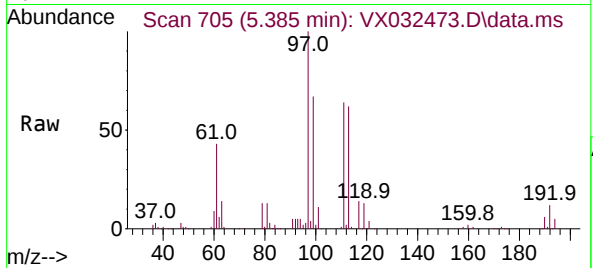
88 16.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 48.146 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

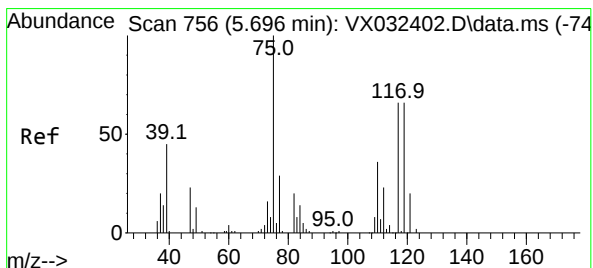
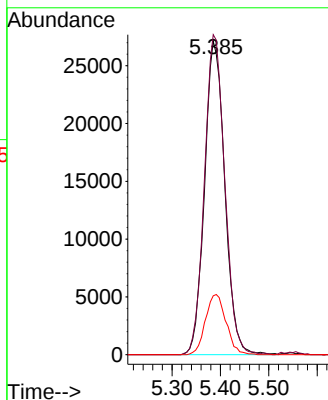
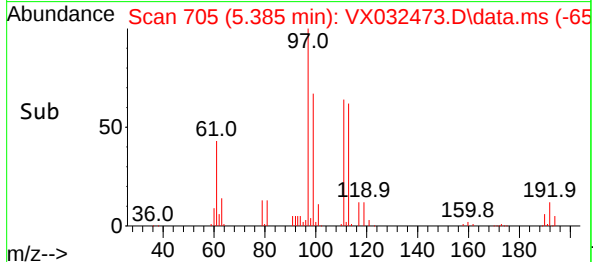
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7887
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 19.6 15.4 23.2

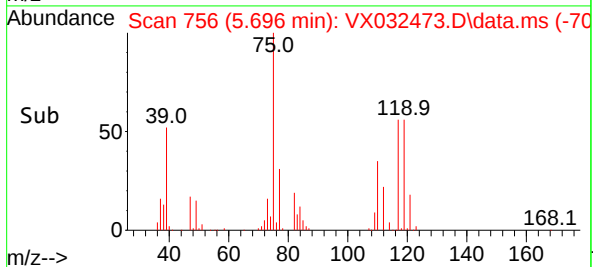
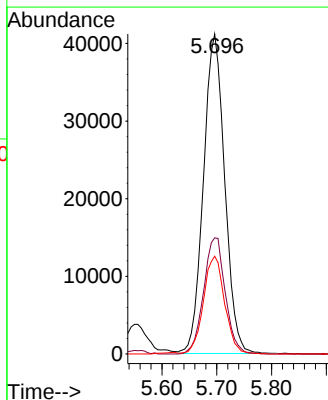
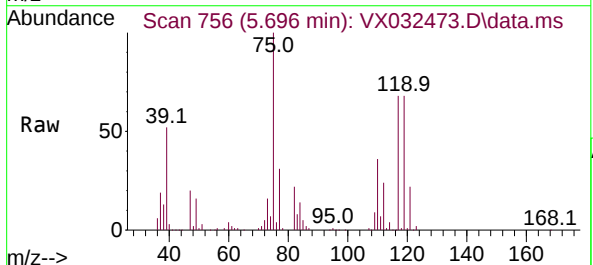
Manual Integrations
APPROVED

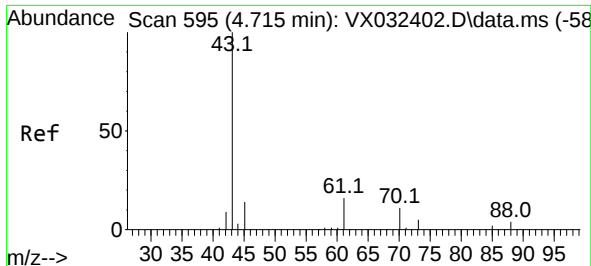
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#36
1,1-Dichloropropene
Concen: 48.581 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion: 75 Resp: 110827
Ion Ratio Lower Upper
75 100
110 36.9 18.4 55.2
77 30.6 24.5 36.7





#37

Ethyl Acetate

Concen: 42.430 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 100754

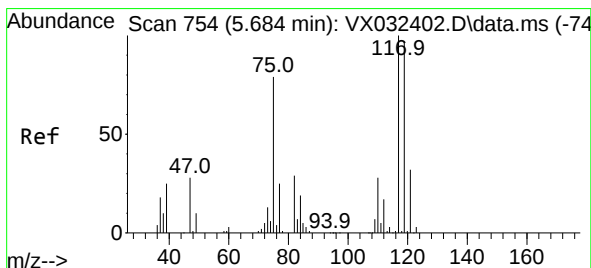
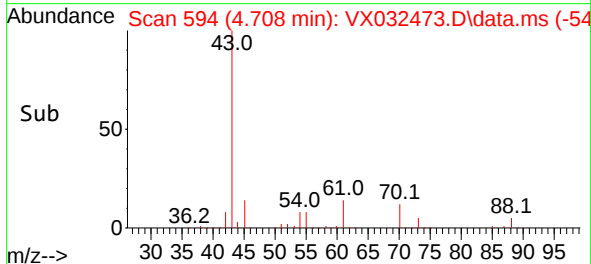
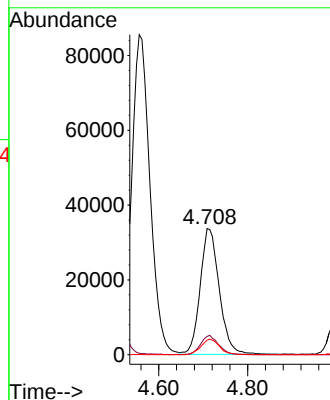
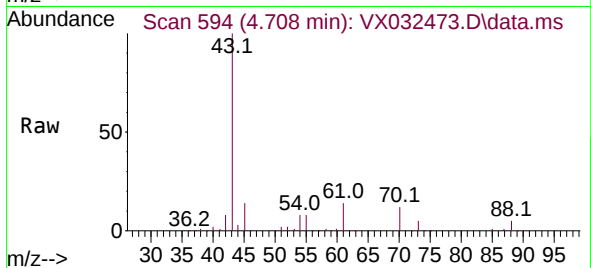
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.8	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 46.929 ug/l

RT: 5.678 min Scan# 753

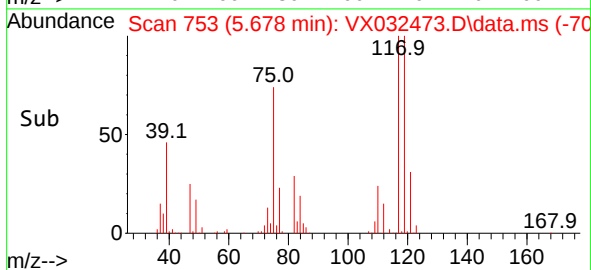
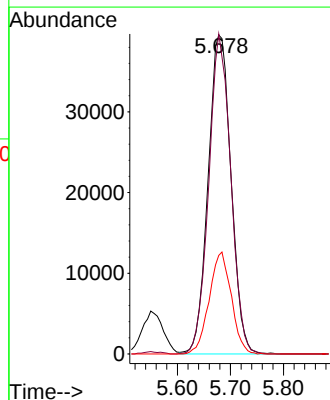
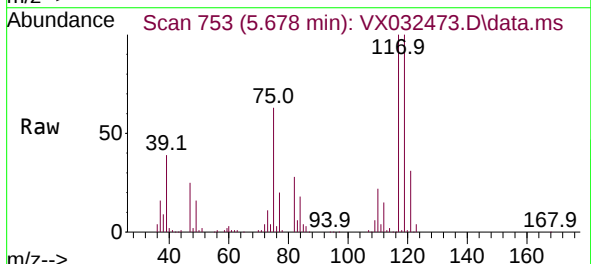
Delta R.T. -0.006 min

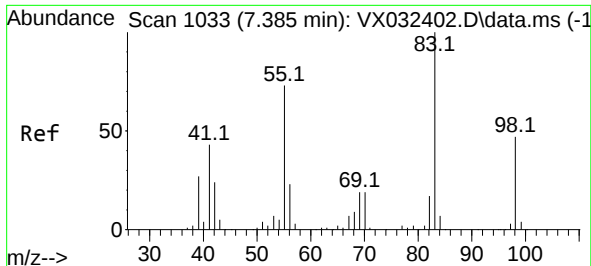
Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion:117 Resp: 118741

Ion	Ratio	Lower	Upper
117	100		
119	100.4	77.2	115.8
121	30.9	25.8	38.6





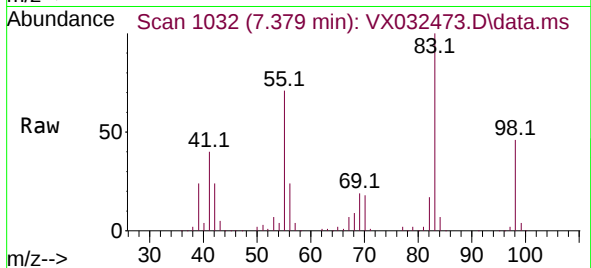
#39
Methylcyclohexane
Concen: 49.727 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



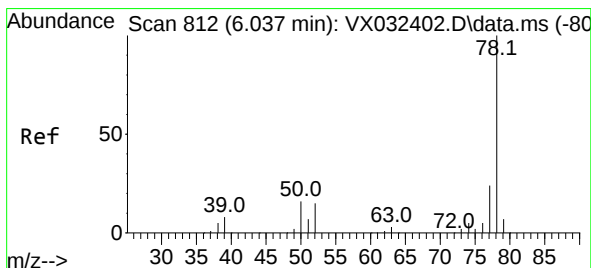
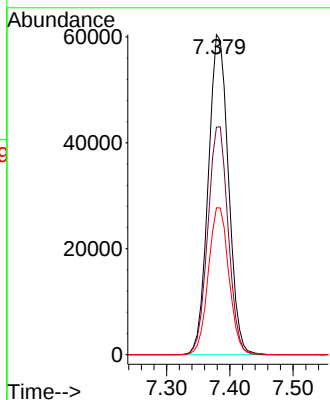
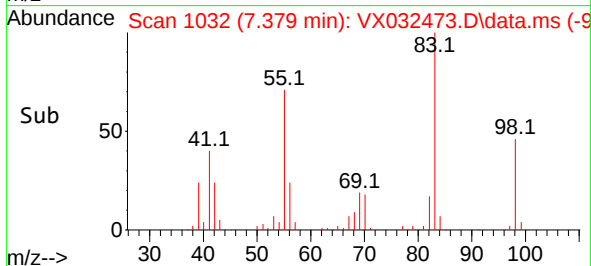
Tgt Ion: 83 Resp: 134220
Ion Ratio Lower Upper
83 100
55 71.1 58.4 87.6
98 45.9 37.2 55.8

Manual Integrations

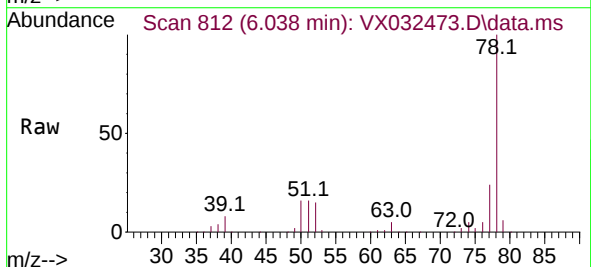
APPROVED

Reviewed By :John Carlone 10/31/2022

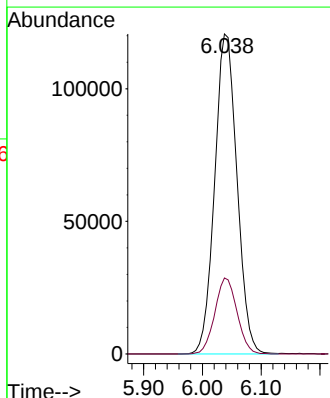
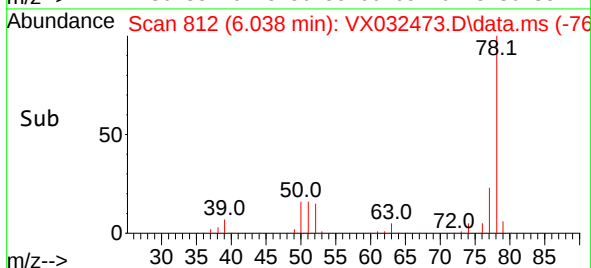
Supervised By :Mahesh Dadoda 10/31/2022



#40
Benzene
Concen: 49.310 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 78 Resp: 318327
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





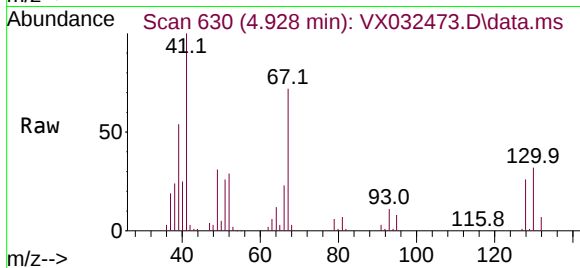
#41
Methacrylonitrile
Concen: 46.813 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



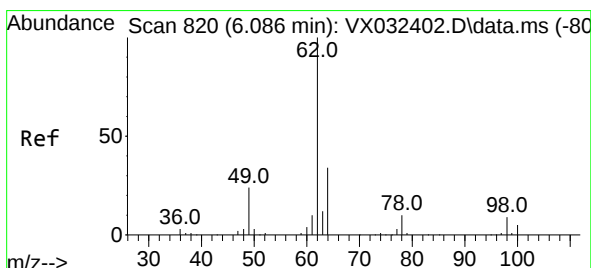
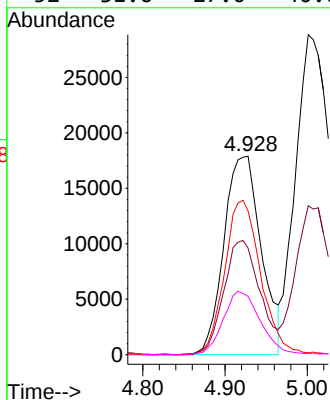
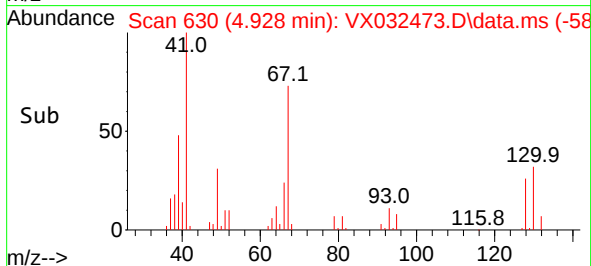
Tgt Ion: 41 Resp: 56629
Ion Ratio Lower Upper
41 100
39 56.0 47.5 71.3
67 75.2 60.5 90.7
52 31.6 27.0 40.6

Manual Integrations

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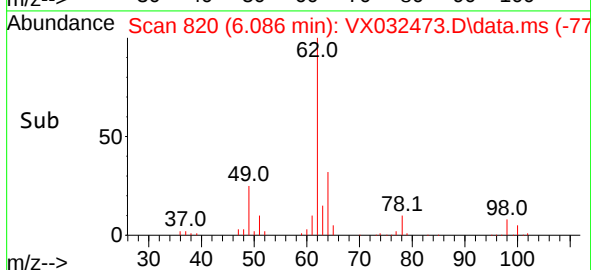
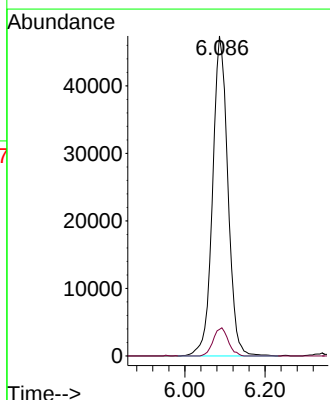
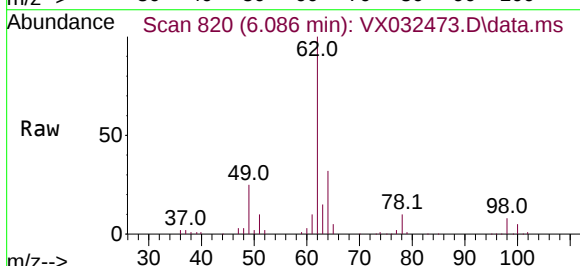
Reviewed By :John Carlone 10/31/2022

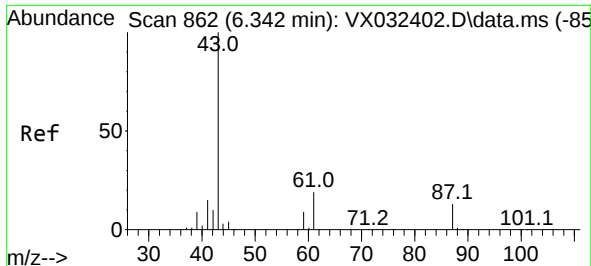
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 47.603 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion: 62 Resp: 125620
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 45.286 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 16511

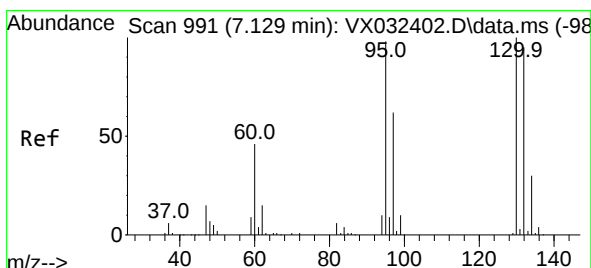
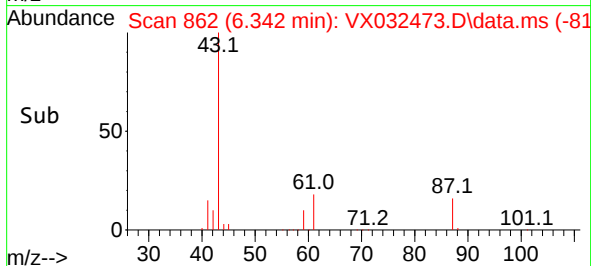
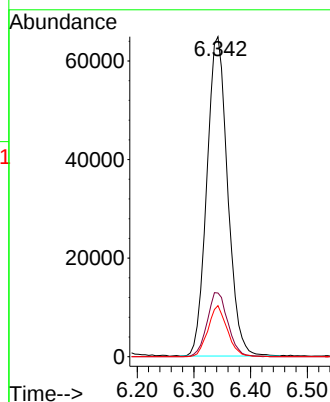
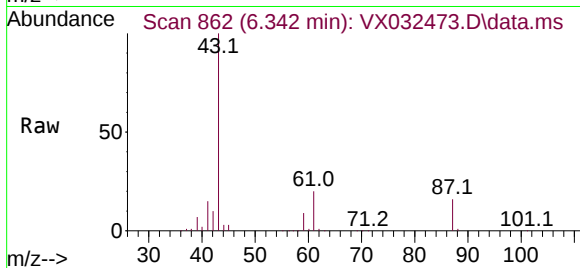
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	14.8	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 48.346 ug/l

RT: 7.129 min Scan# 991

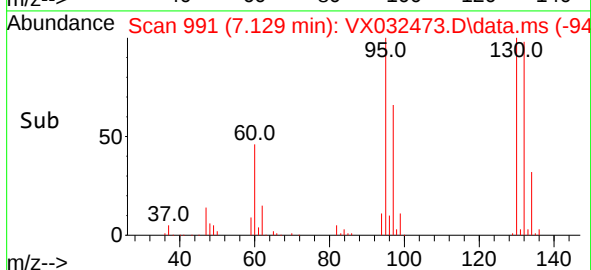
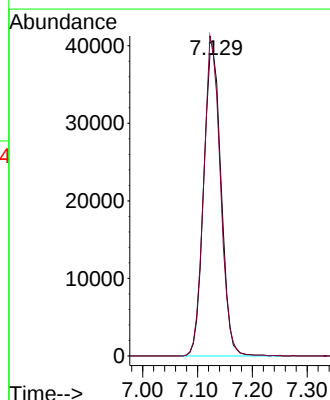
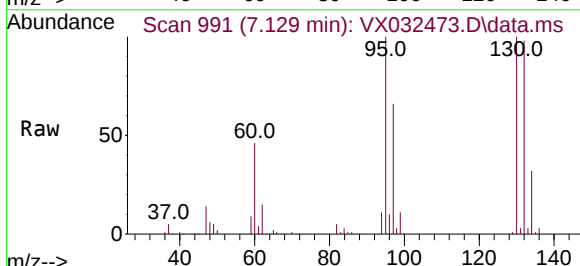
Delta R.T. 0.000 min

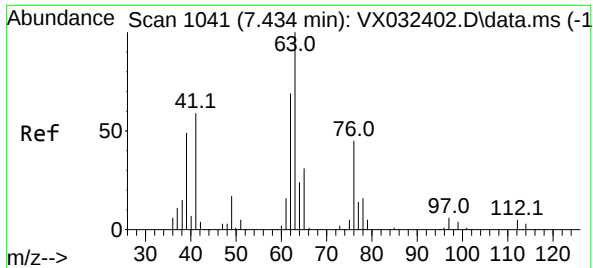
Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion:130 Resp: 87860

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	195.2





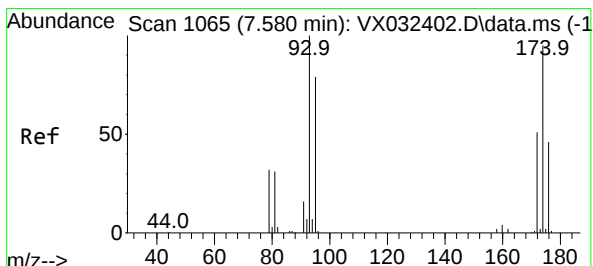
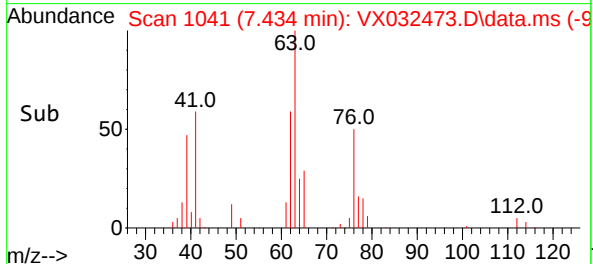
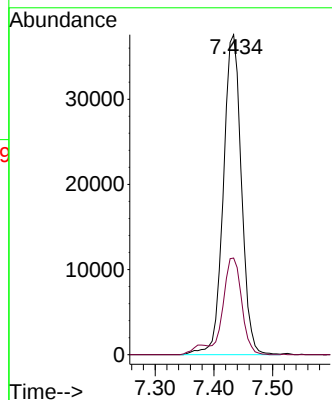
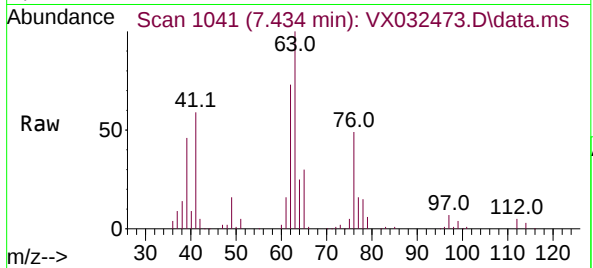
#45
1,2-Dichloropropane
Concen: 48.451 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 80292
Ion Ratio Lower Upper
63 100
65 30.2 24.6 36.8

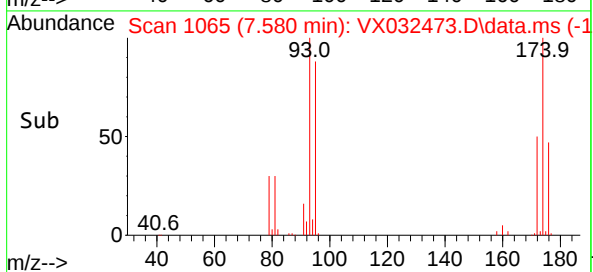
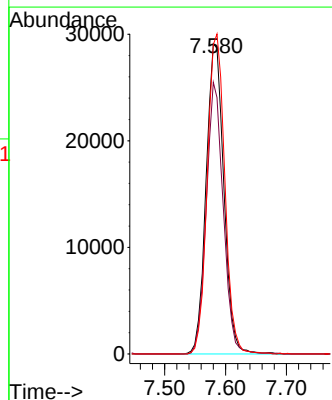
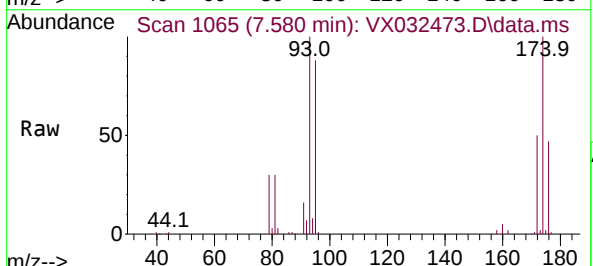
Manual Integrations
APPROVED

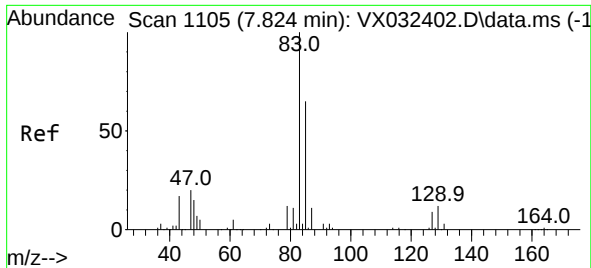
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
Dibromomethane
Concen: 46.434 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

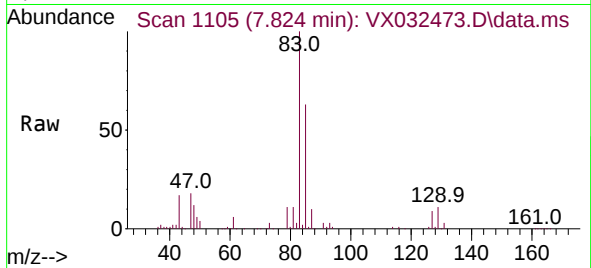
Tgt Ion: 93 Resp: 59013
Ion Ratio Lower Upper
93 100
95 83.8 65.8 98.8
174 101.5 79.8 119.6





#47
Bromodichloromethane
Concen: 46.814 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

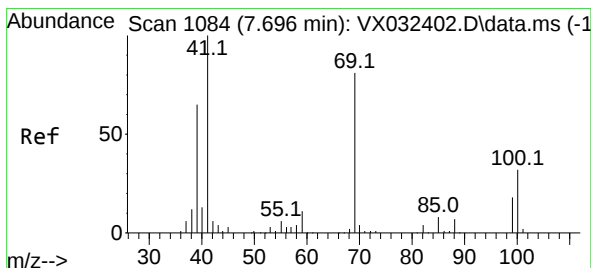
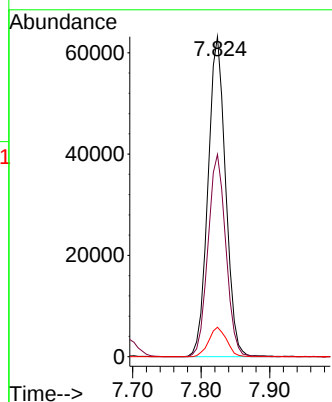
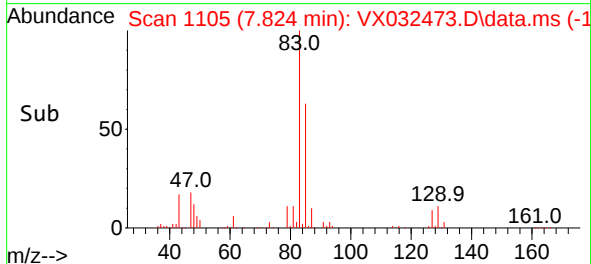
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11276
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4
127 9.2 7.4 11.2

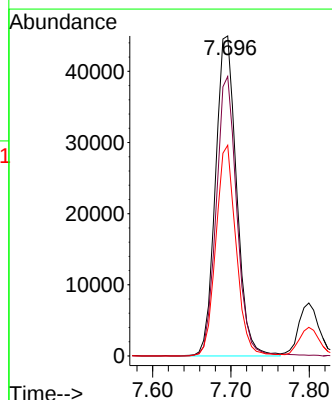
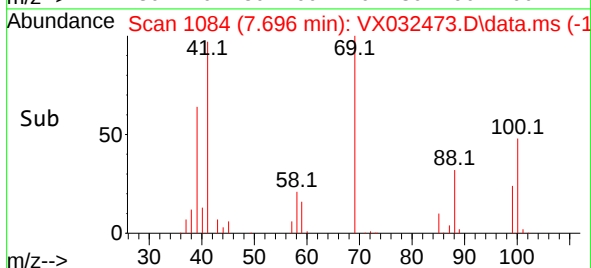
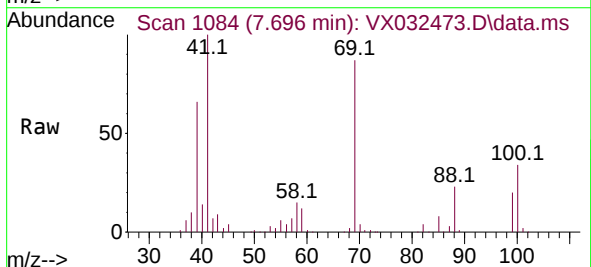
Manual Integrations
APPROVED

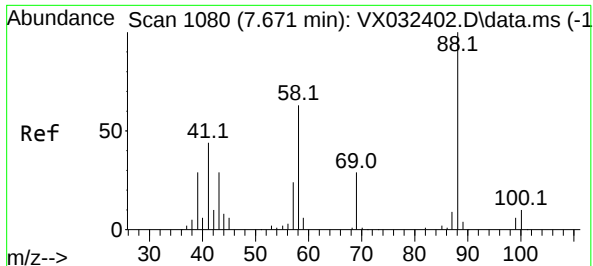
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 44.808 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion: 41 Resp: 84375
Ion Ratio Lower Upper
41 100
69 85.1 65.1 97.7
39 62.8 51.9 77.9





#49

1,4-Dioxane

Concen: 867.982 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.012 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

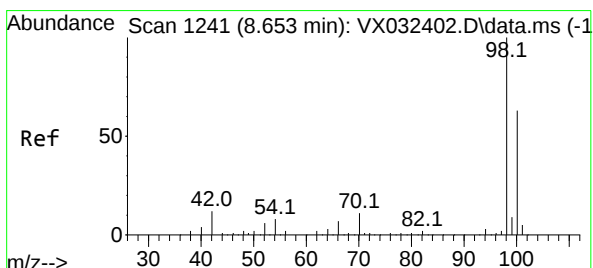
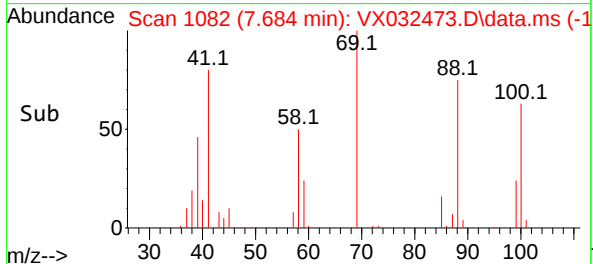
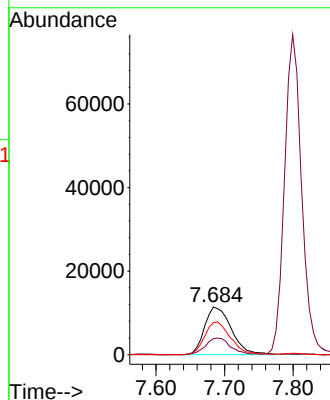
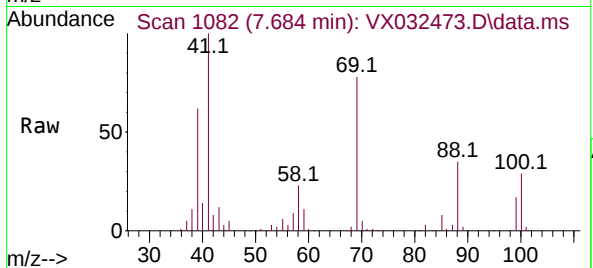
Tgt Ion: 88 Resp: 31148
 Ion Ratio Lower Upper
 88 100
 43 33.1 26.6 39.8
 58 65.9 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 48.039 ug/l

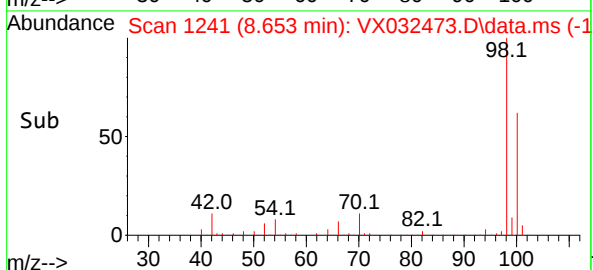
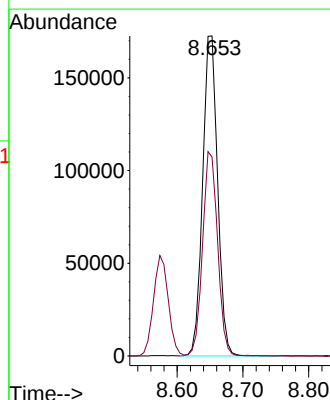
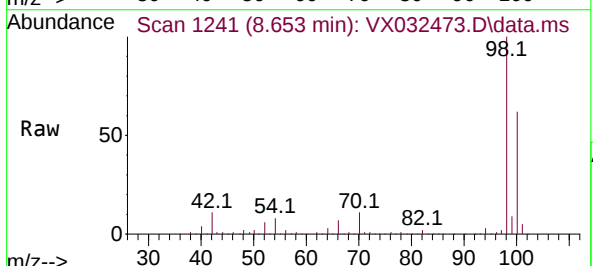
RT: 8.653 min Scan# 1241

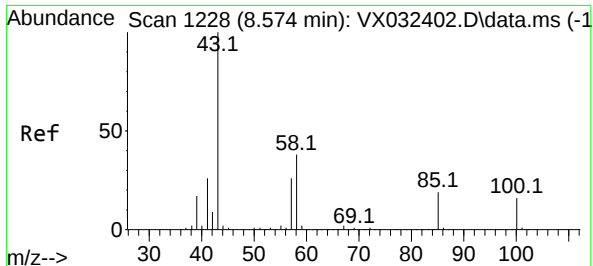
Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

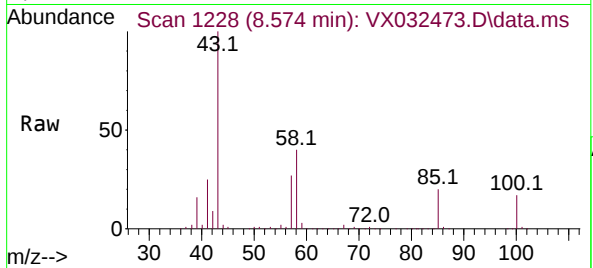
Tgt Ion: 98 Resp: 273648
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 218.514 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

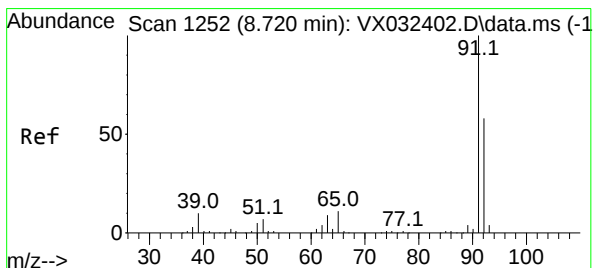
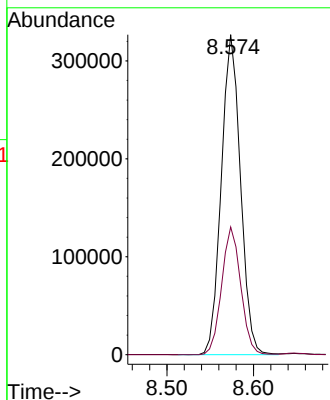
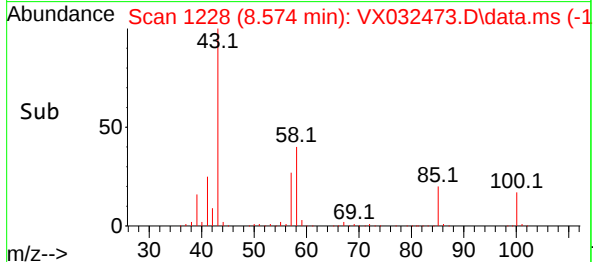
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



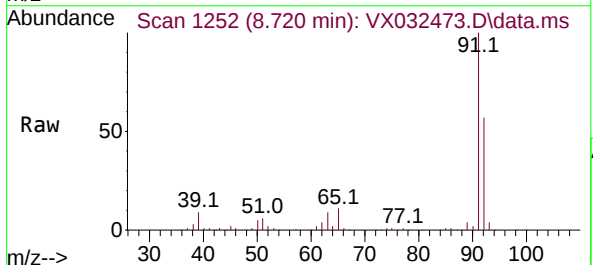
Tgt Ion: 43 Resp: 50182
Ion Ratio Lower Upper
43 100
58 39.7 30.9 46.3

Manual Integrations
APPROVED

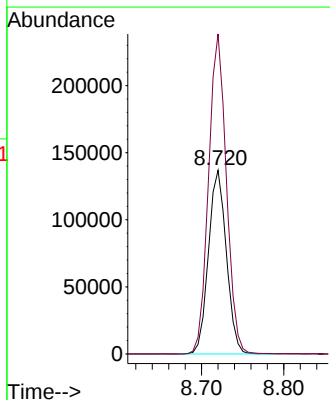
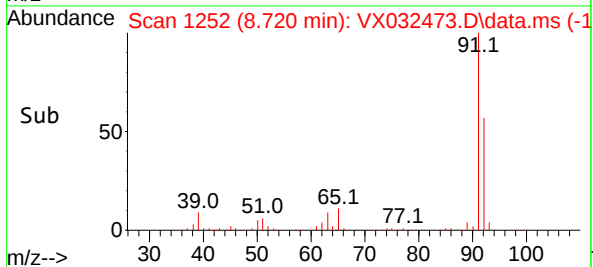
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

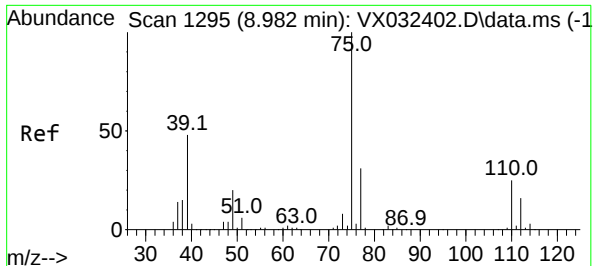


#52
Toluene
Concen: 49.210 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 92 Resp: 207267
Ion Ratio Lower Upper
92 100
91 173.4 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 47.021 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11555

Ion Ratio Lower Upper

75 100

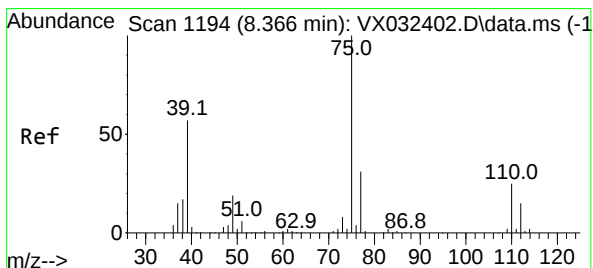
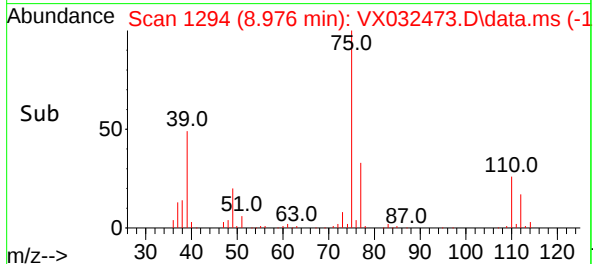
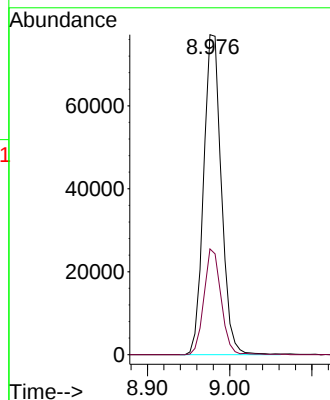
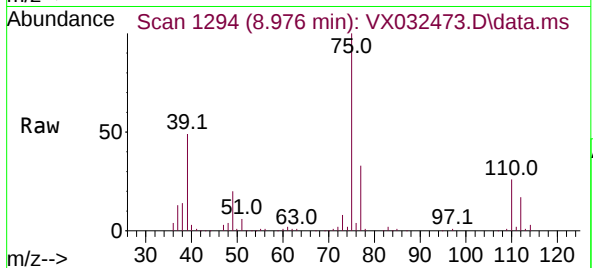
77 33.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#54

cis-1,3-Dichloropropene

Concen: 48.670 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

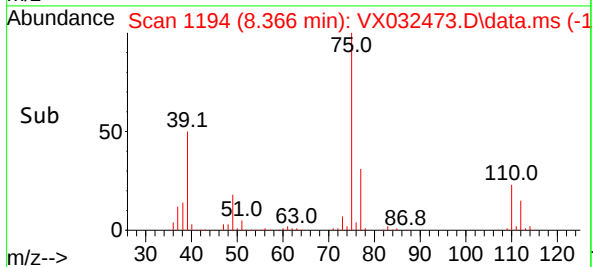
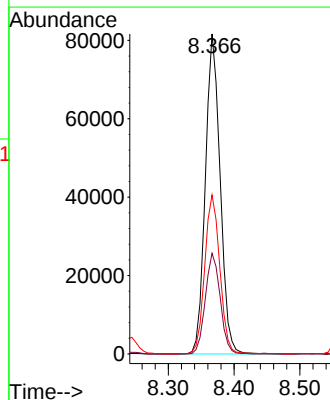
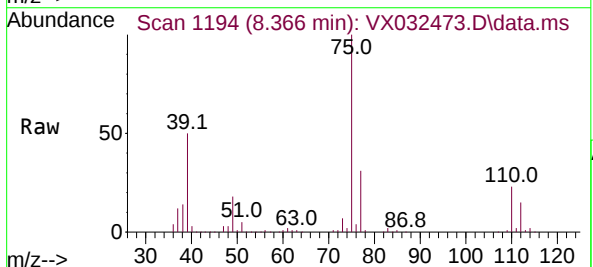
Tgt Ion: 75 Resp: 127936

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

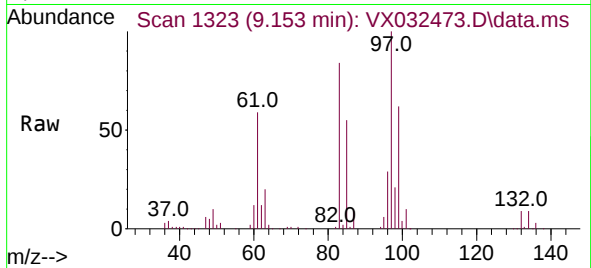
39 49.6 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 47.725 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

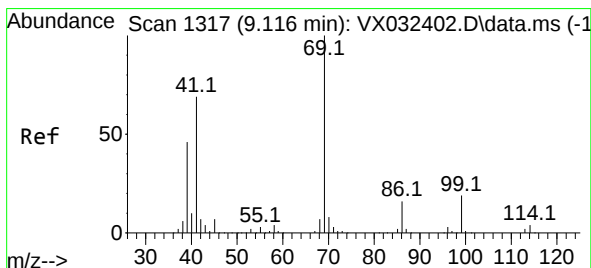
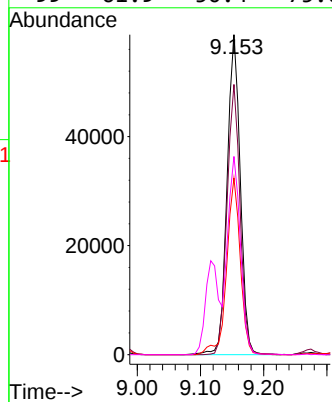
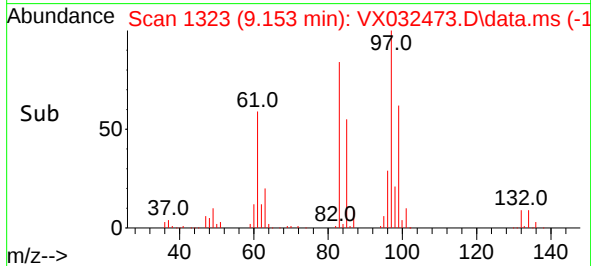
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



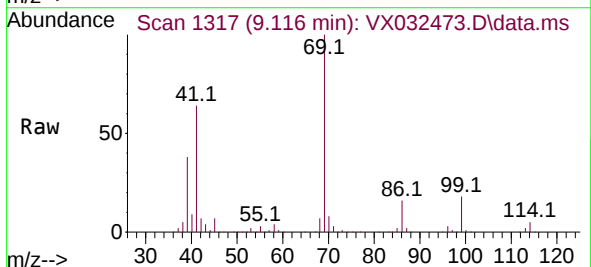
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	55.2	43.3	64.9
99	61.9	50.4	75.6

Manual Integrations
APPROVED

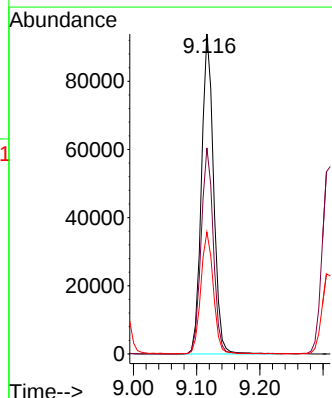
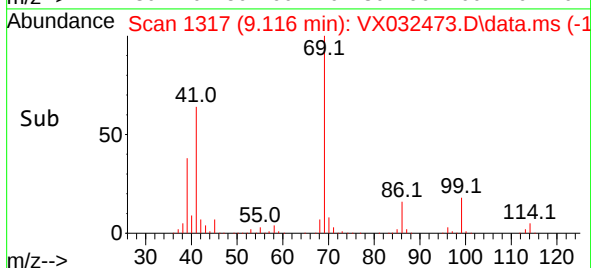
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

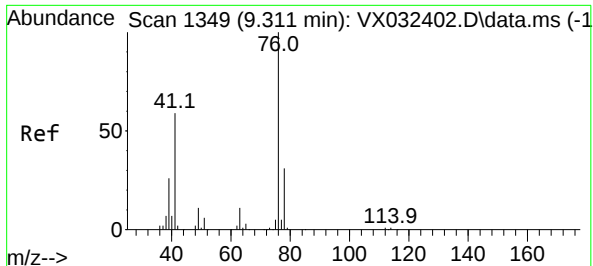


#56
Ethyl methacrylate
Concen: 49.246 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.3	81.5
39	39.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 47.649 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 136489

Ion Ratio Lower Upper

76 100

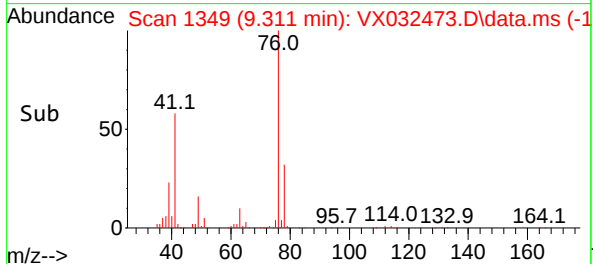
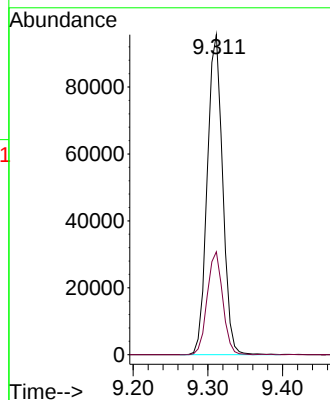
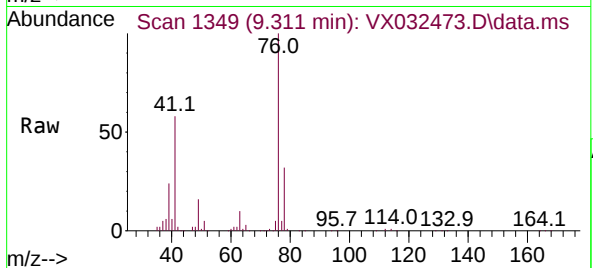
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 241.167 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX032473.D

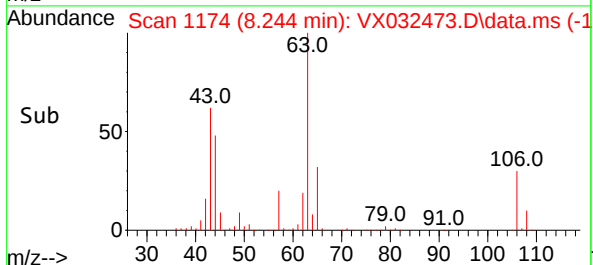
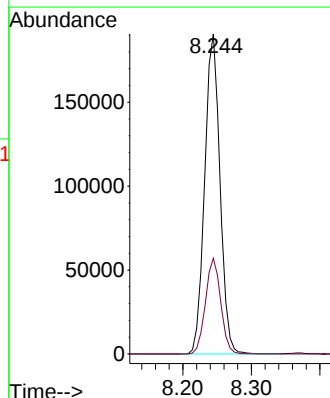
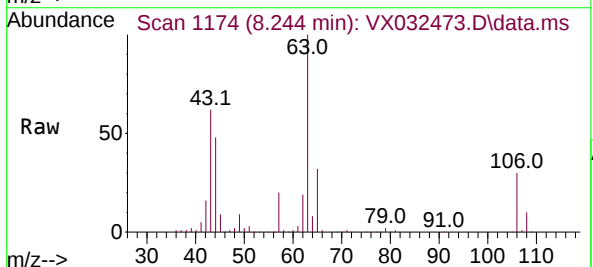
Acq: 28 Oct 2022 20:28

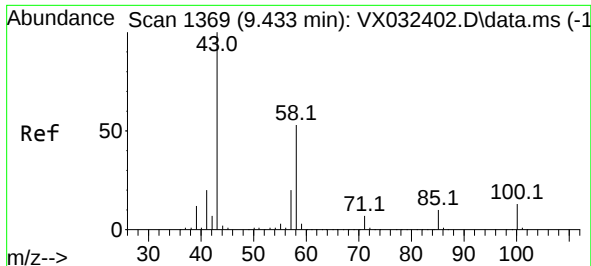
Tgt Ion: 63 Resp: 296420

Ion Ratio Lower Upper

63 100

106 29.7 23.3 34.9





#59

2-Hexanone

Concen: 216.477 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 36888

Ion Ratio Lower Upper

43 100

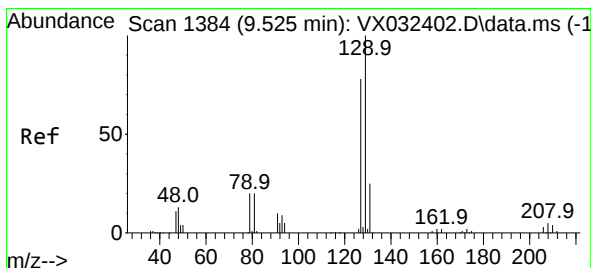
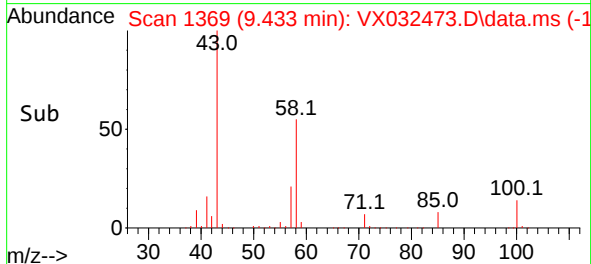
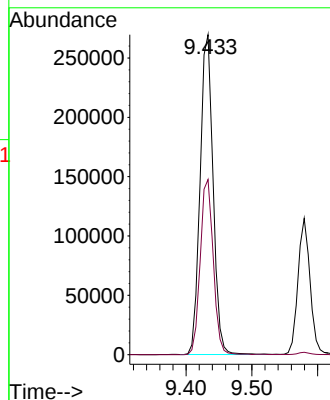
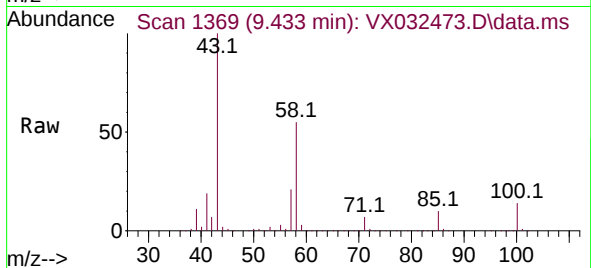
58 55.1 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#60

Dibromochloromethane

Concen: 45.598 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX032473.D

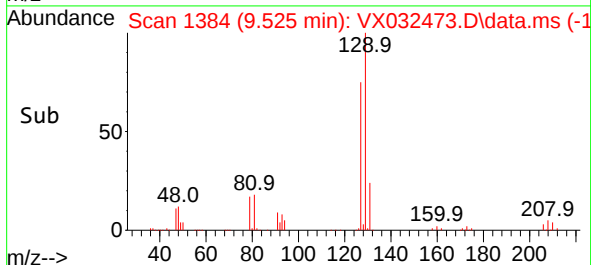
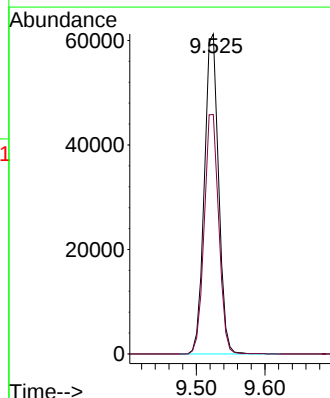
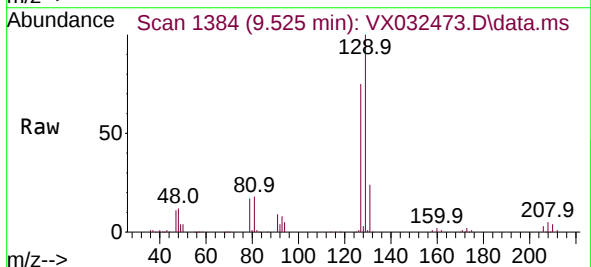
Acq: 28 Oct 2022 20:28

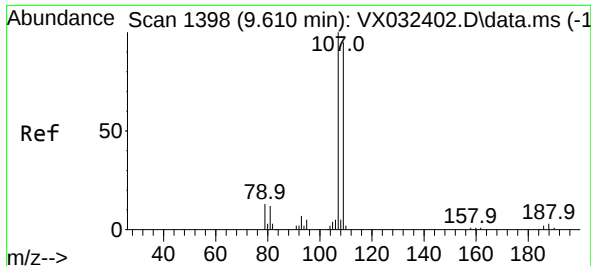
Tgt Ion:129 Resp: 88343

Ion Ratio Lower Upper

129 100

127 76.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 47.835 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

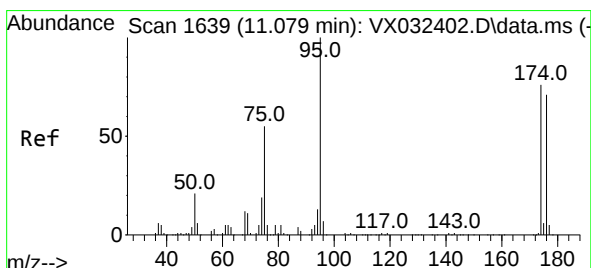
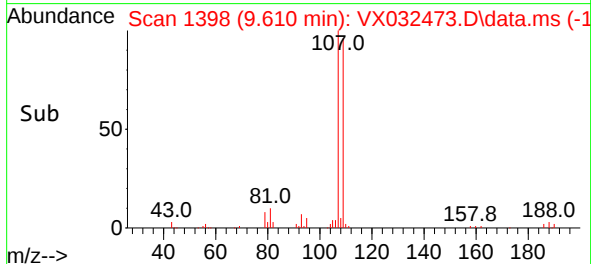
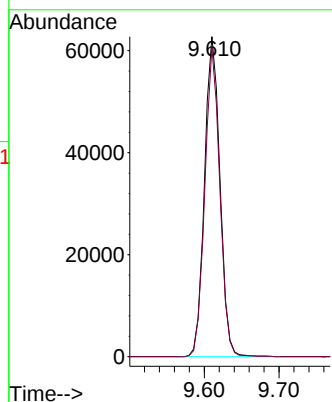
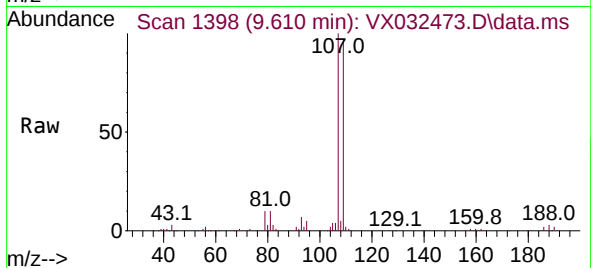
VSTDCCC050EC

Tgt Ion:107 Resp: 89904
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0

Manual Integrations

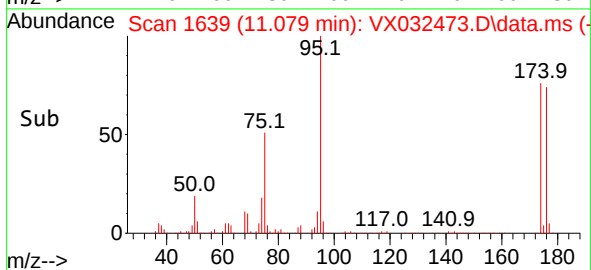
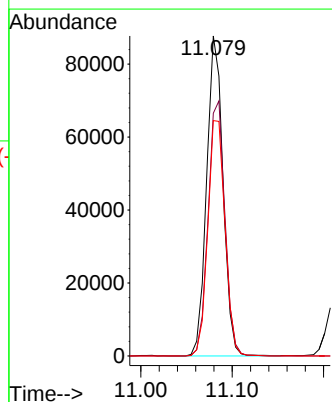
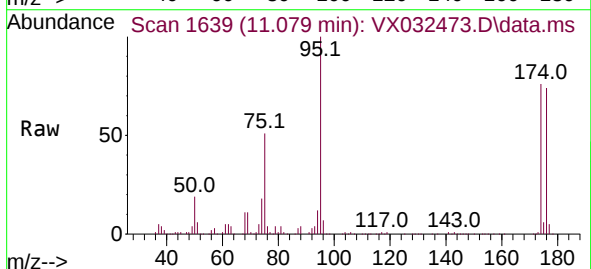
APPROVED

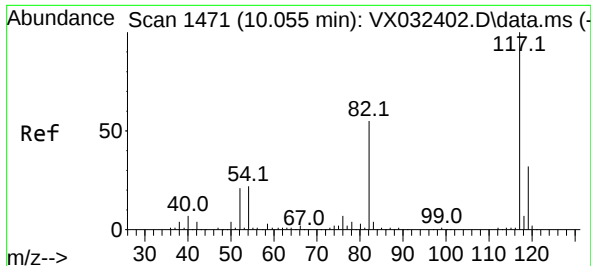
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

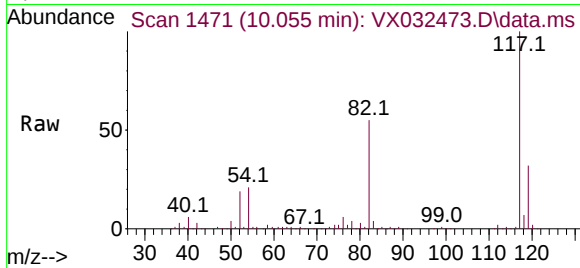
Tgt Ion: 95 Resp: 109001
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 77.5 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

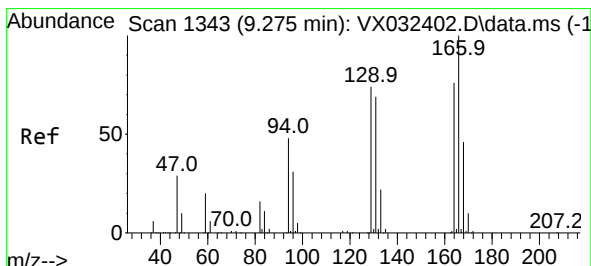
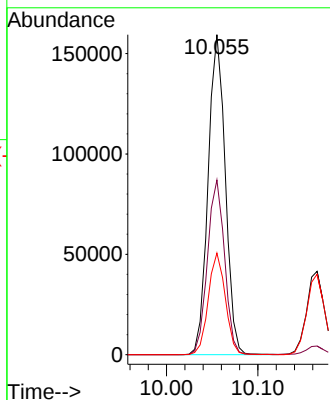
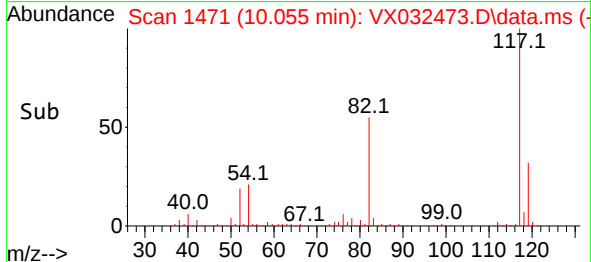
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 207691
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.8 25.7 38.5

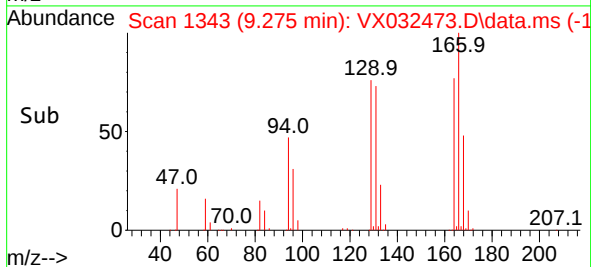
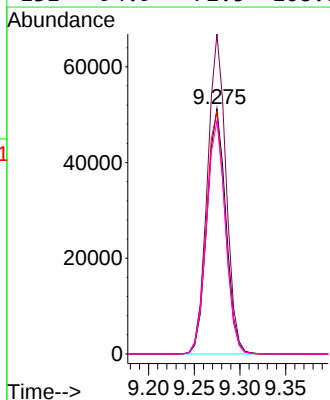
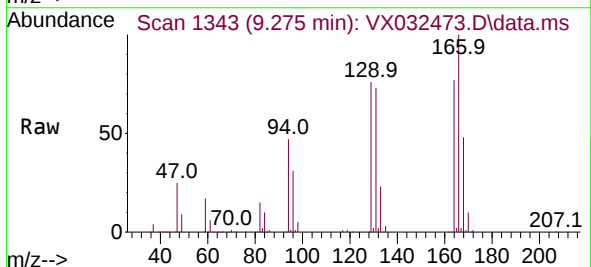
Manual Integrations
APPROVED

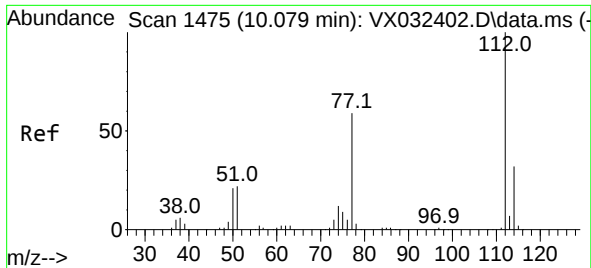
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 48.233 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:164 Resp: 73321
Ion Ratio Lower Upper
164 100
166 130.5 105.4 158.2
129 98.8 78.2 117.2
131 94.9 72.5 108.7





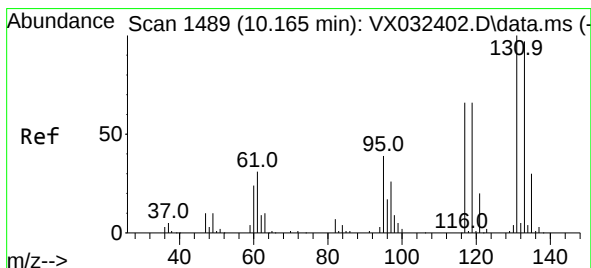
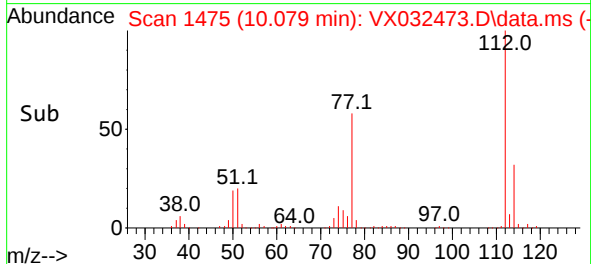
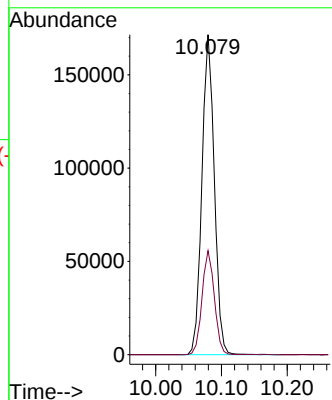
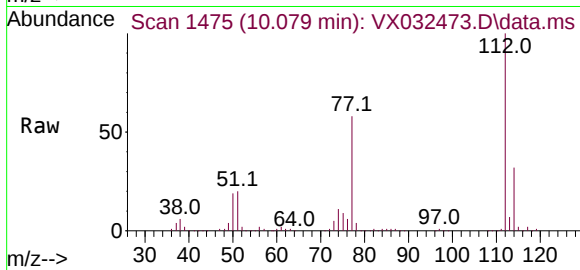
#65
Chlorobenzene
Concen: 48.357 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 224970
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

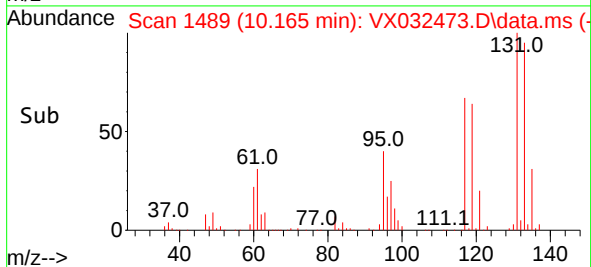
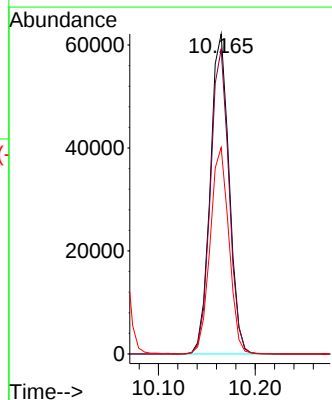
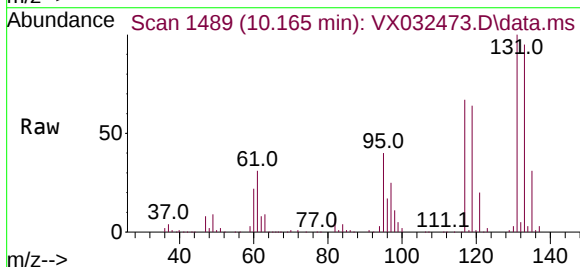
Manual Integrations
APPROVED

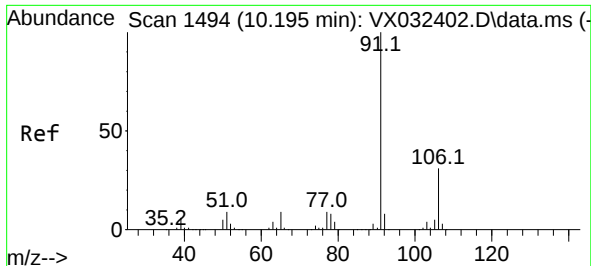
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.789 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:131 Resp: 83677
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 64.4 32.4 97.0





#67

Ethyl Benzene

Concen: 49.063 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 40818

Ion Ratio Lower Upper

91 100

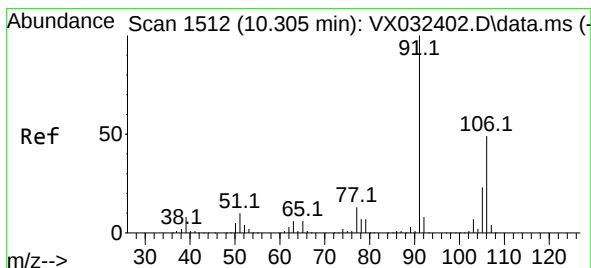
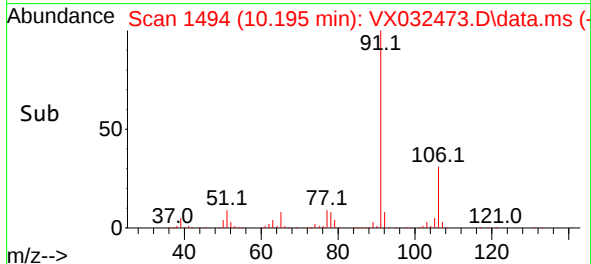
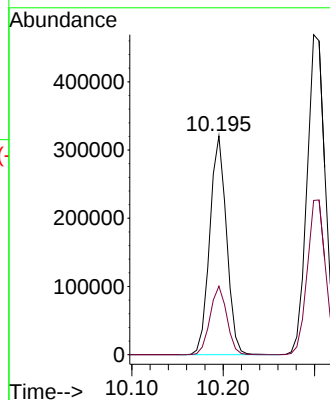
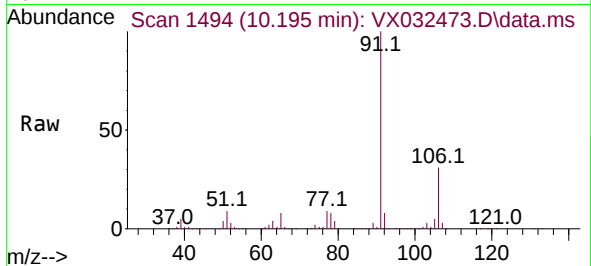
106 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#68

m/p-Xylenes

Concen: 98.202 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032473.D

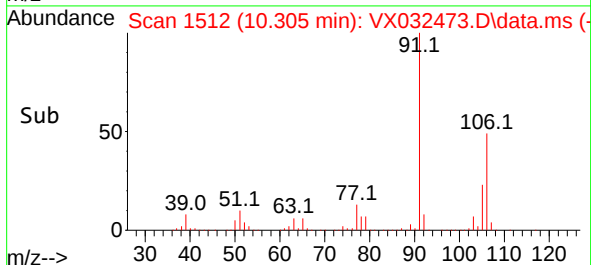
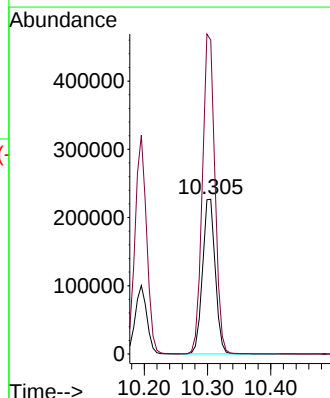
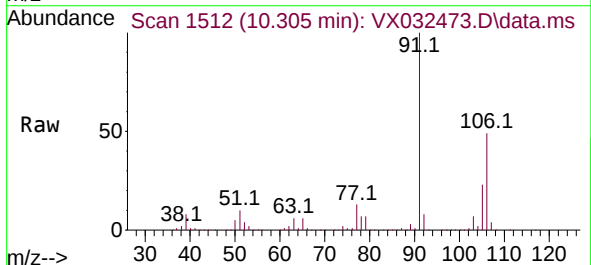
Acq: 28 Oct 2022 20:28

Tgt Ion:106 Resp: 317246

Ion Ratio Lower Upper

106 100

91 204.3 164.5 246.7





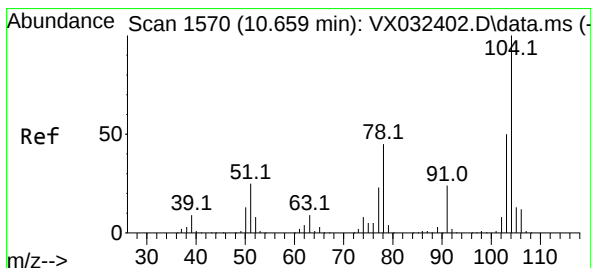
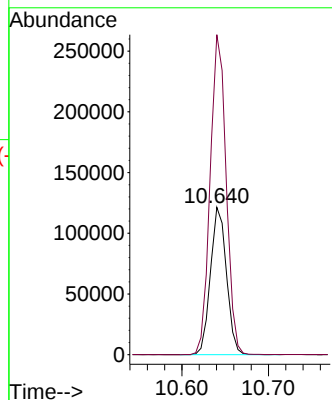
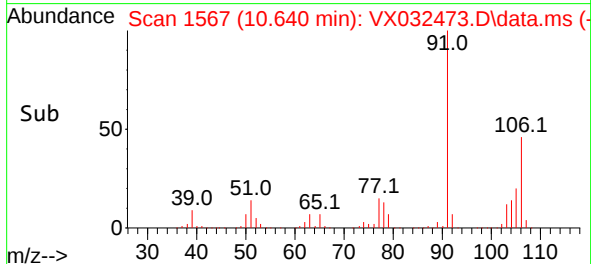
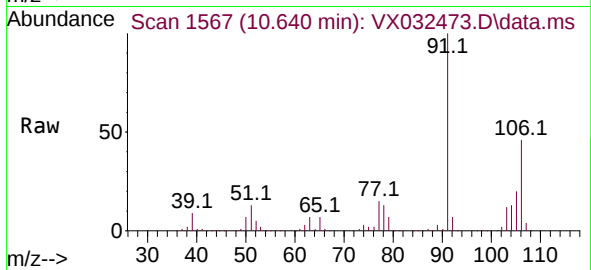
#69
o-Xylene
Concen: 49.610 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 15582
Ion Ratio Lower Upper
106 100
91 217.2 109.2 327.6

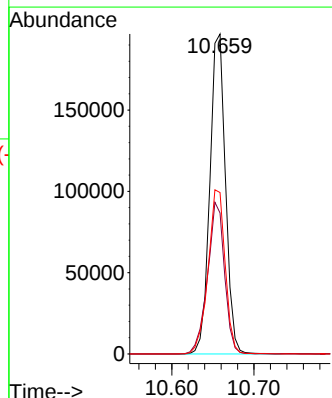
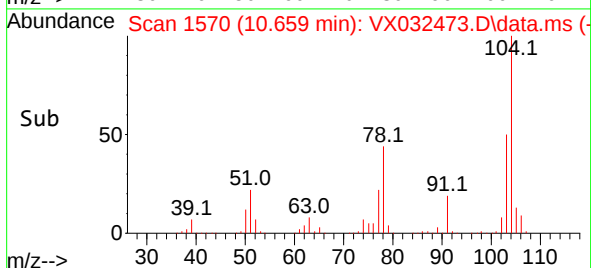
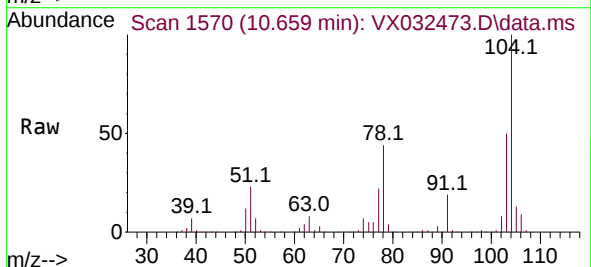
Manual Integrations
APPROVED

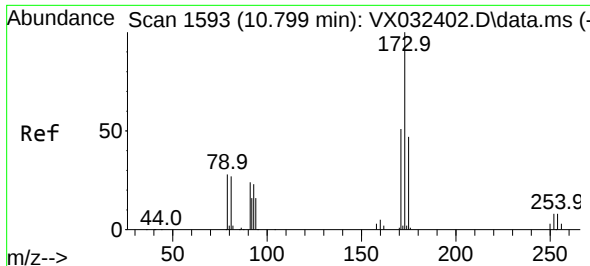
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 49.888 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

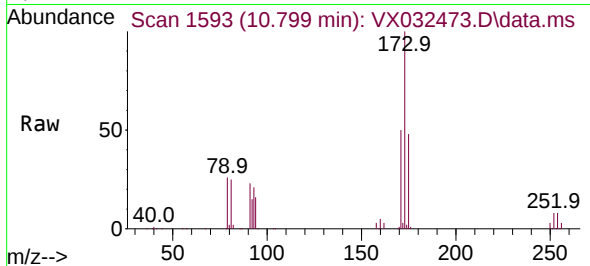
Tgt Ion:104 Resp: 260417
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 56.0 44.5 66.7





#71
Bromoform
Concen: 44.816 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

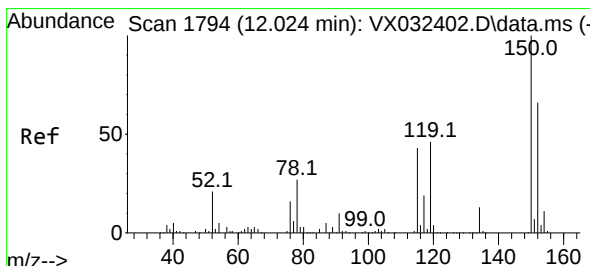
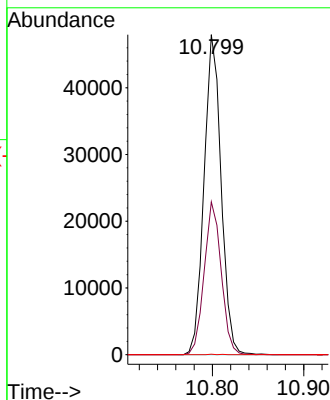
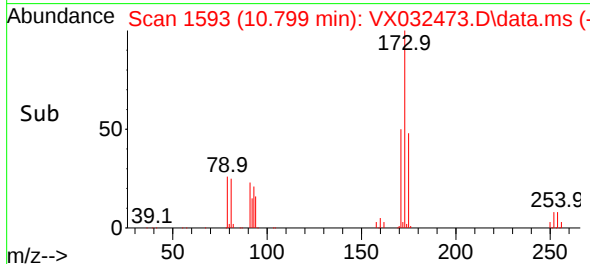
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



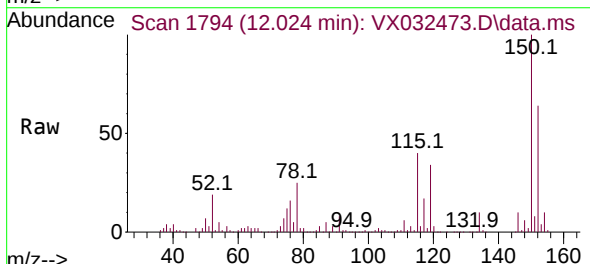
Tgt Ion:173 Resp: 6204
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

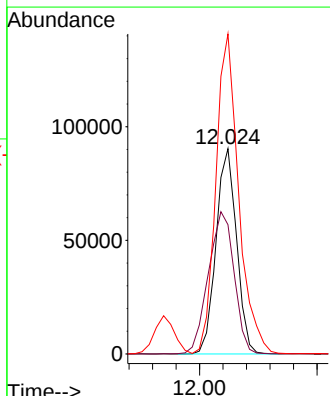
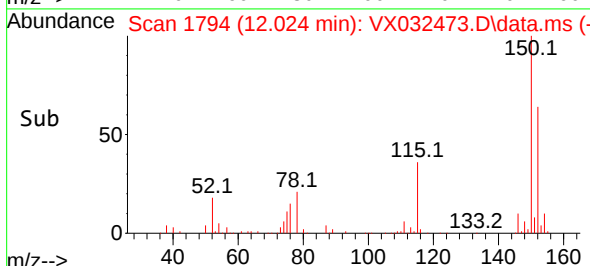
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion:152 Resp: 109726
Ion Ratio Lower Upper
152 100
115 87.1 44.0 132.0
150 173.5 0.0 351.8





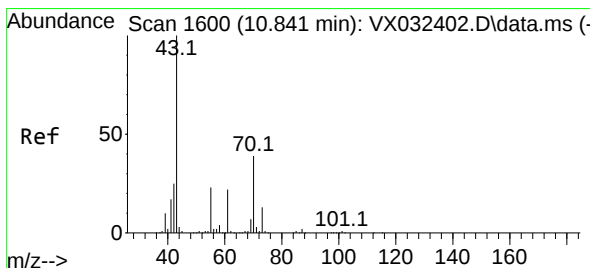
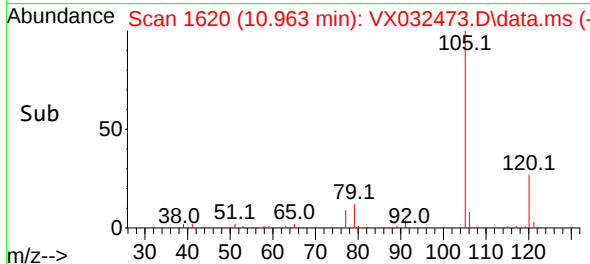
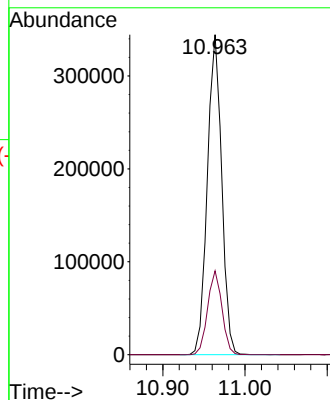
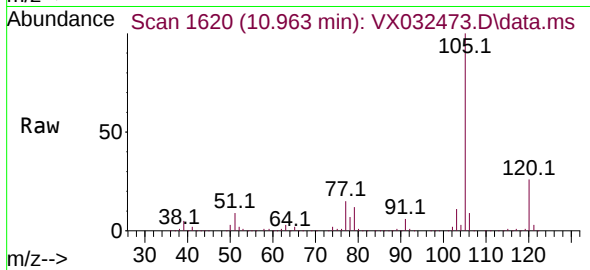
#73
Isopropylbenzene
Concen: 47.861 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 416140
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3

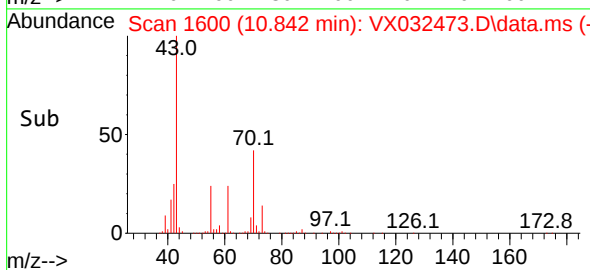
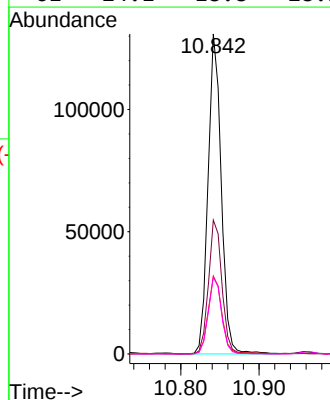
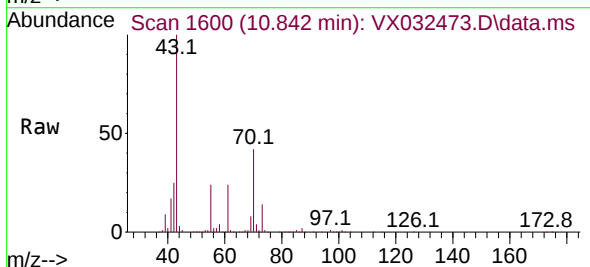
Manual Integrations
APPROVED

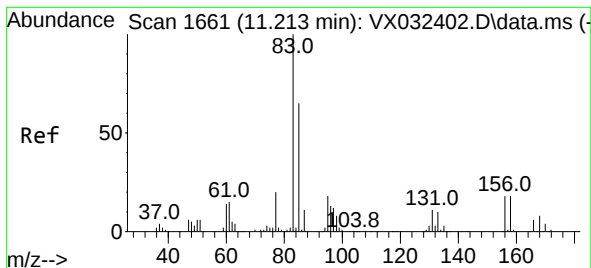
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 46.512 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

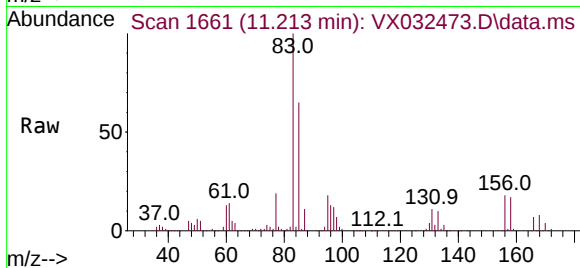
Tgt Ion: 43 Resp: 152805
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 25.1 19.4 29.2
61 24.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.401 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

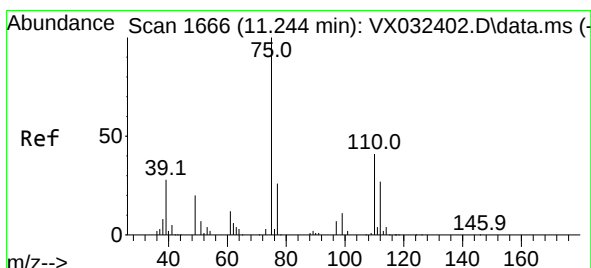
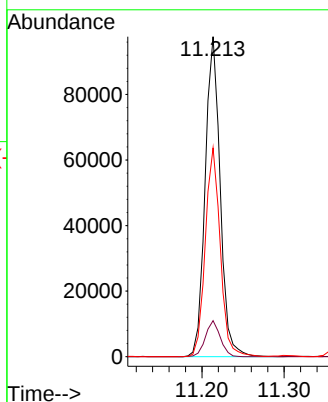
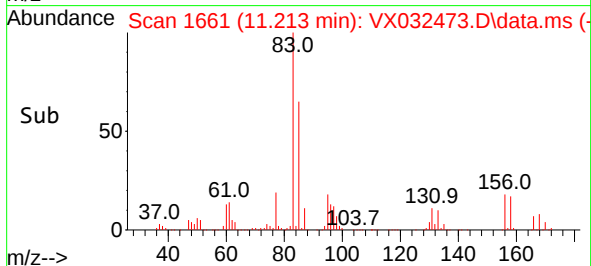
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



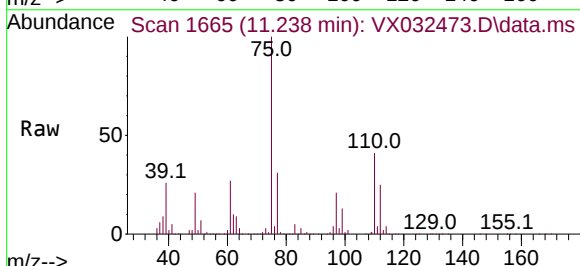
Tgt Ion: 83 Resp: 123919
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 65.1 31.9 95.9

Manual Integrations
APPROVED

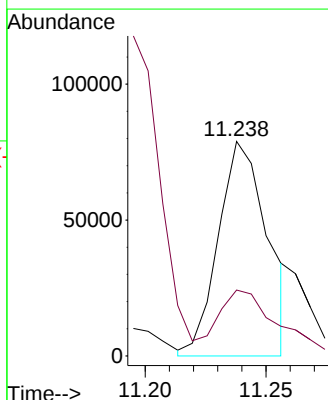
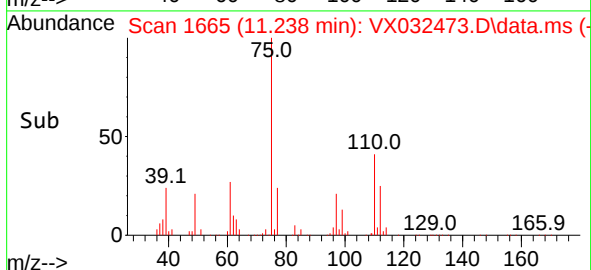
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 45.678 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 75 Resp: 111505
Ion Ratio Lower Upper
75 100
77 37.8 20.0 60.0





#77

Bromobenzene

Concen: 47.712 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 101704

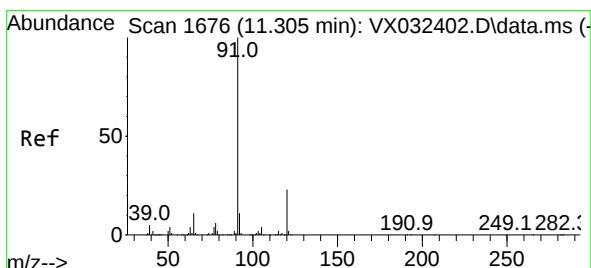
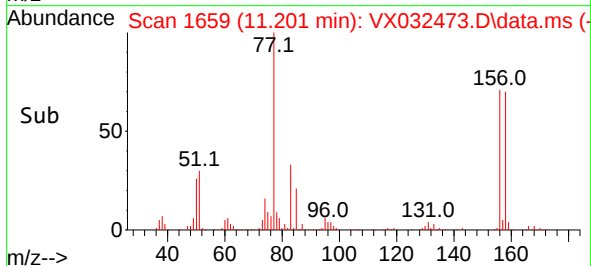
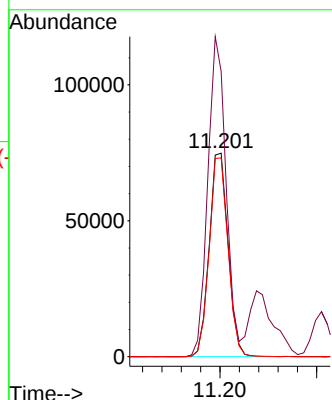
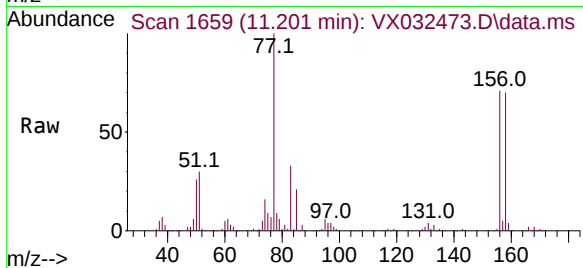
Ion	Ratio	Lower	Upper
156	100		
77	151.2	76.1	228.4
158	97.4	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#78

n-propylbenzene

Concen: 47.966 ug/l

RT: 11.305 min Scan# 1676

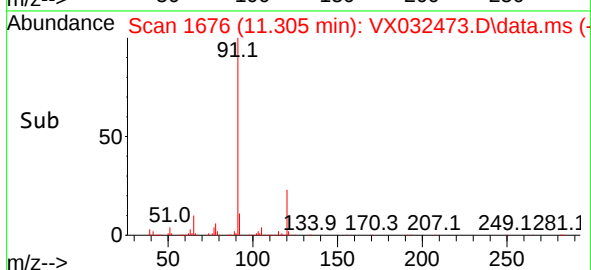
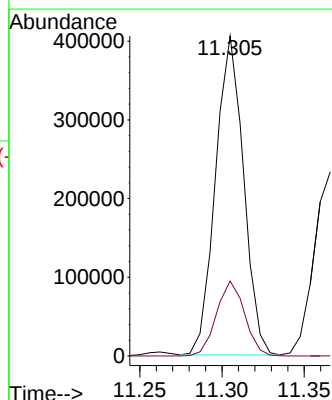
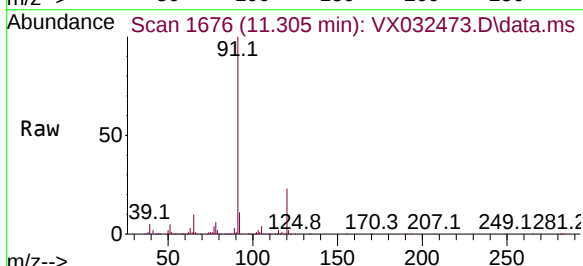
Delta R.T. 0.000 min

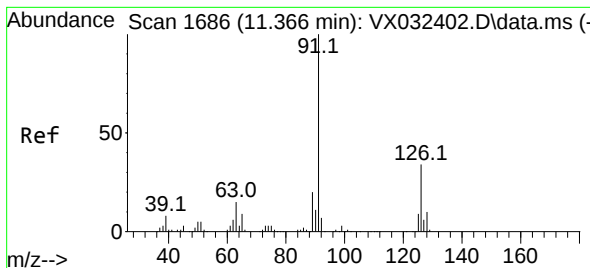
Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion: 91 Resp: 480513

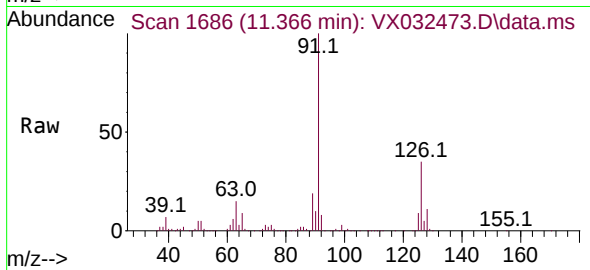
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





#79
2-Chlorotoluene
Concen: 47.478 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

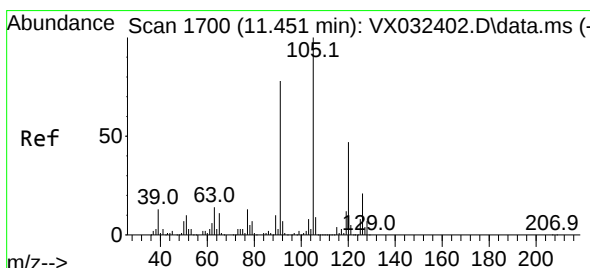
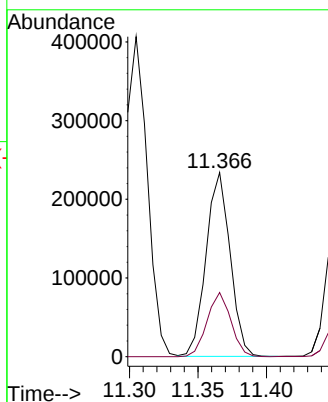
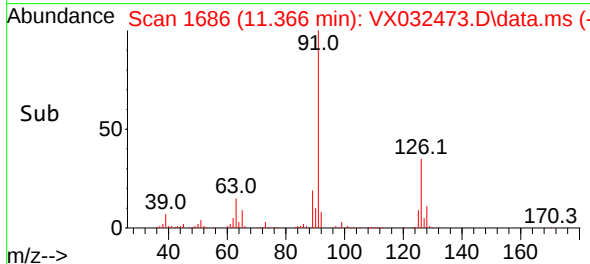
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 284839
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2

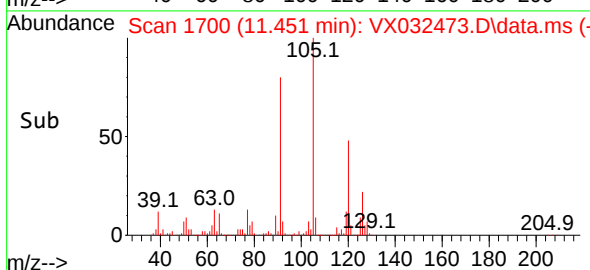
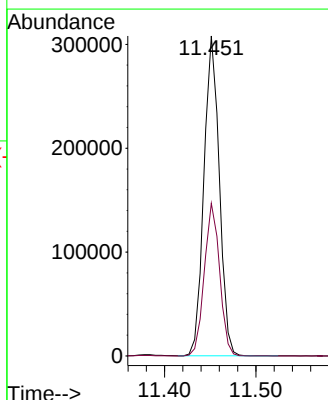
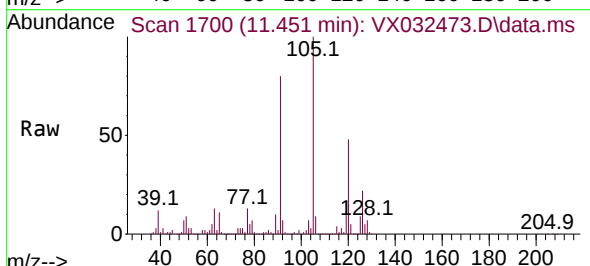
Manual Integrations
APPROVED

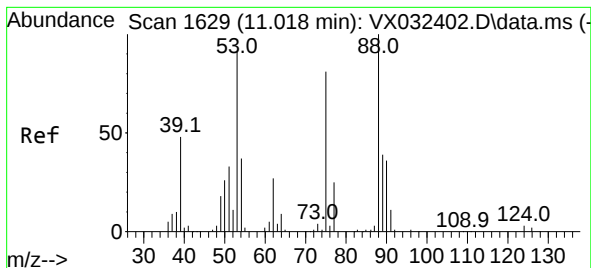
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 48.289 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:105 Resp: 358844
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





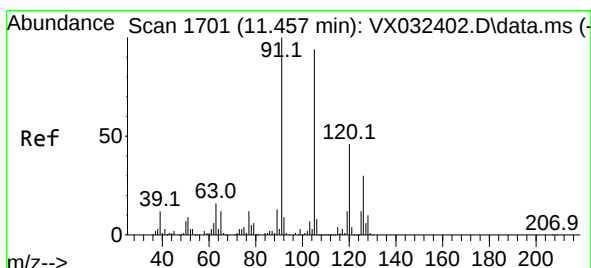
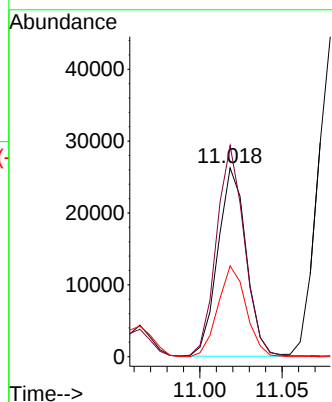
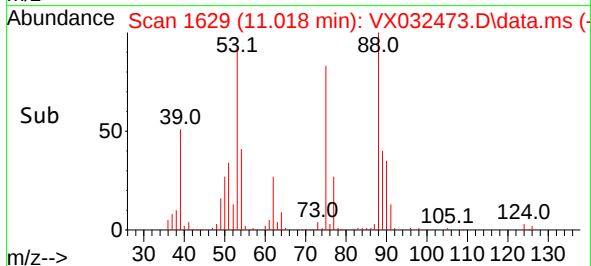
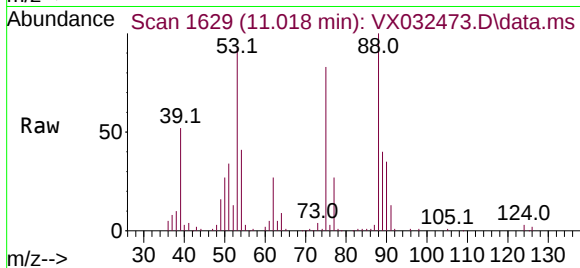
#81
trans-1,4-Dichloro-2-butene
Concen: 41.161 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 3157
Ion Ratio Lower Upper
75 100
53 109.6 86.9 130.3
89 47.6 38.3 57.5

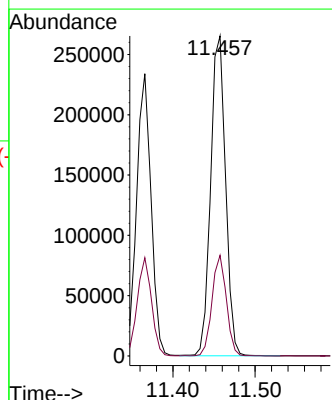
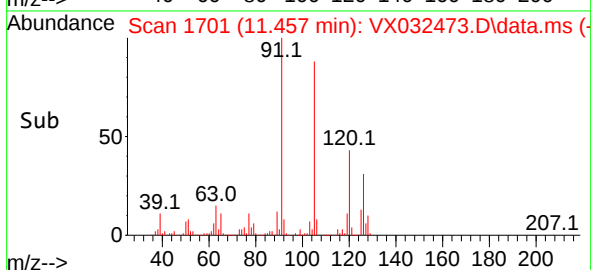
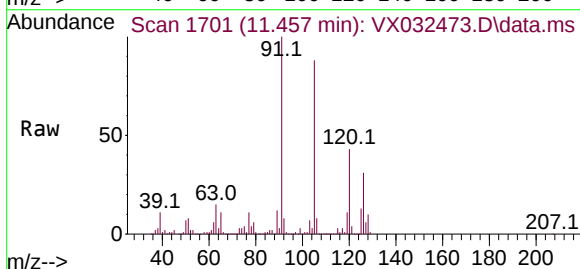
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 47.489 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

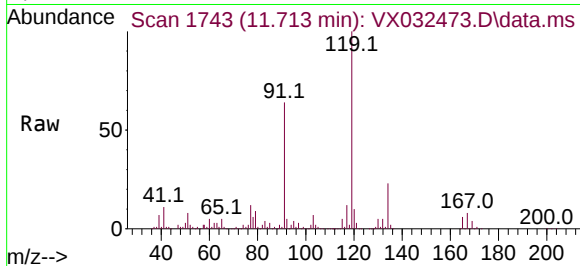
Tgt Ion: 91 Resp: 333376
Ion Ratio Lower Upper
91 100
126 30.4 14.8 44.4





#83
tert-Butylbenzene
Concen: 47.677 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

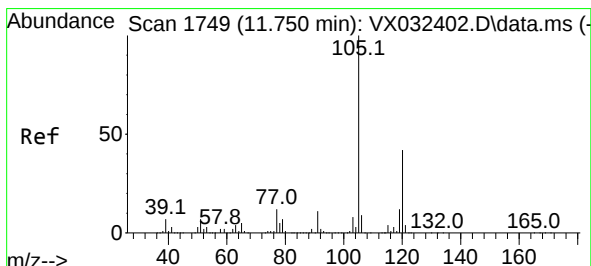
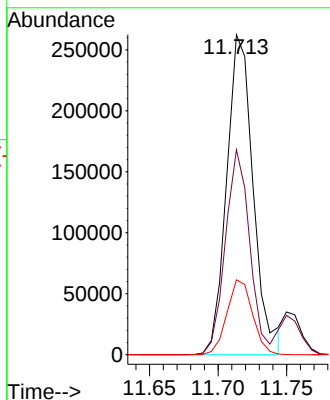
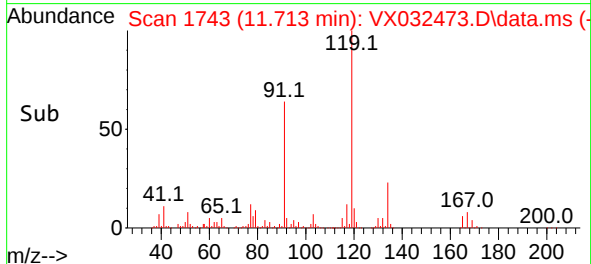
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



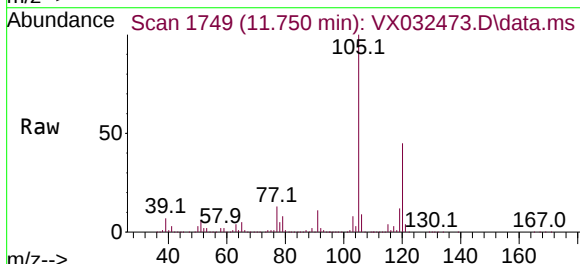
Tgt Ion:119 Resp: 35371
Ion Ratio Lower Upper
119 100
91 58.7 29.4 88.2
134 22.5 11.0 33.0

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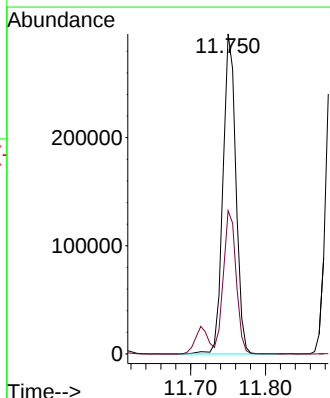
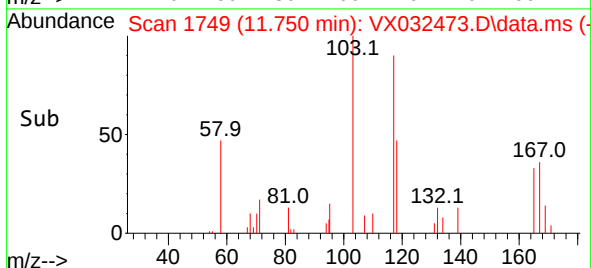
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

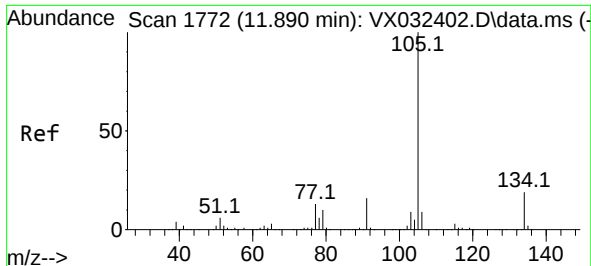


#84
1,2,4-Trimethylbenzene
Concen: 48.275 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion:105 Resp: 356803
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.5





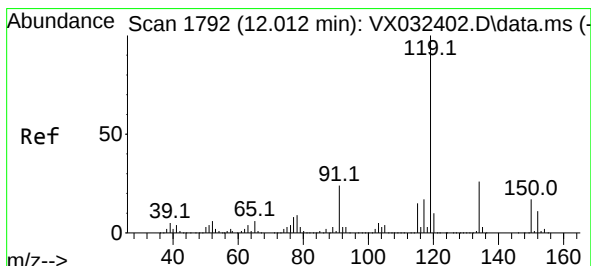
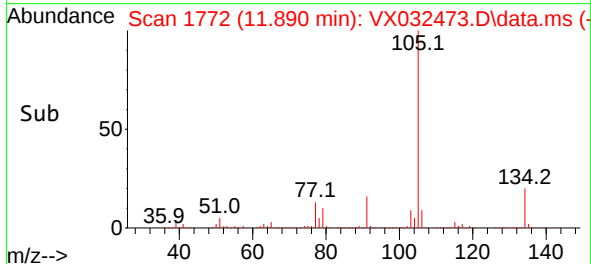
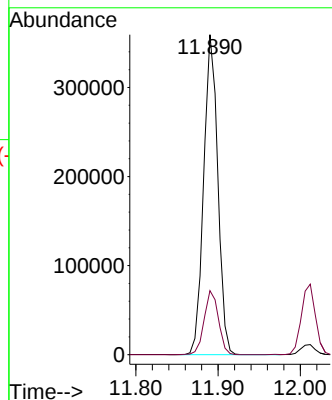
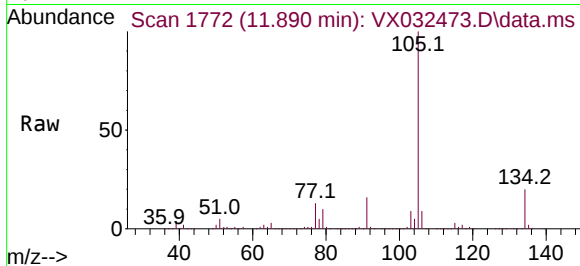
#85
 sec-Butylbenzene
 Concen: 47.926 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032473.D
 Acq: 28 Oct 2022 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 427840
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

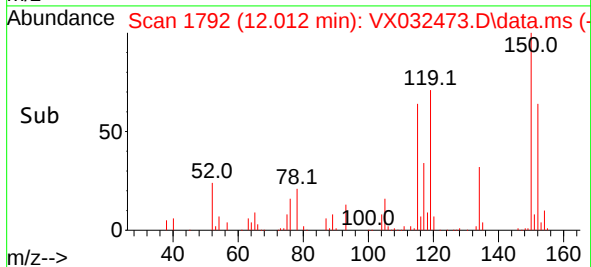
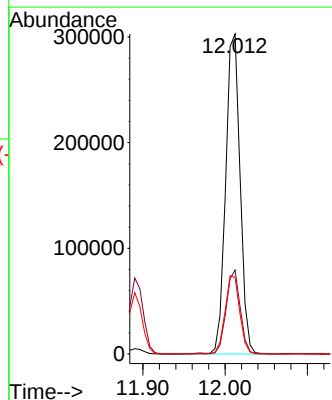
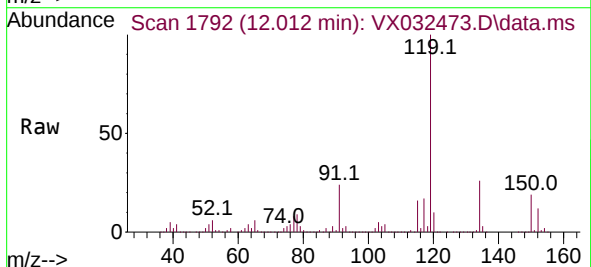
Manual Integrations
 APPROVED

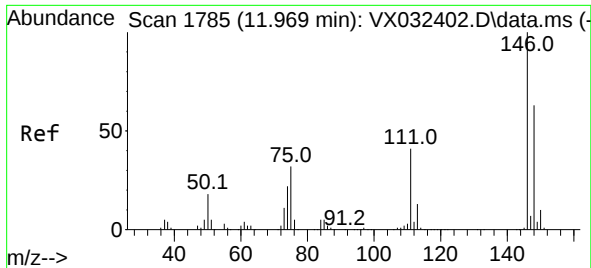
Reviewed By :John Carlone 10/31/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#86
 p-Isopropyltoluene
 Concen: 48.825 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032473.D
 Acq: 28 Oct 2022 20:28

Tgt Ion:119 Resp: 369846
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 24.7 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 47.746 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

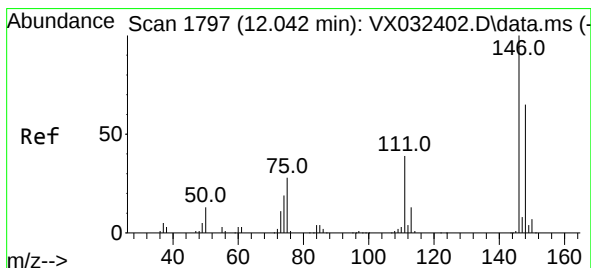
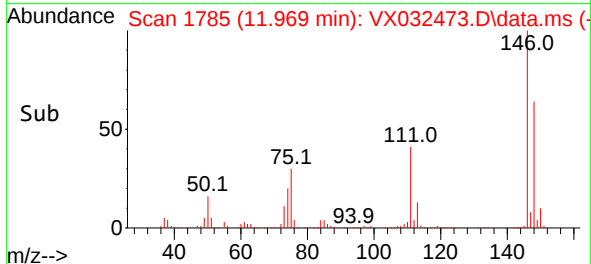
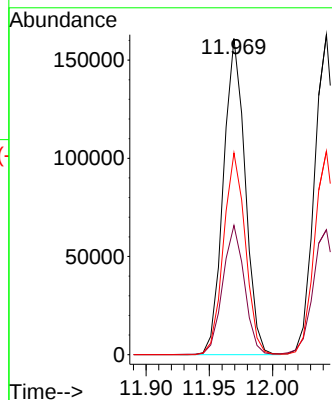
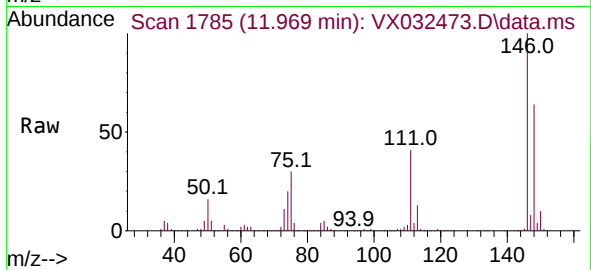
Tgt Ion:146 Resp: 19198
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 64.0 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 47.032 ug/l

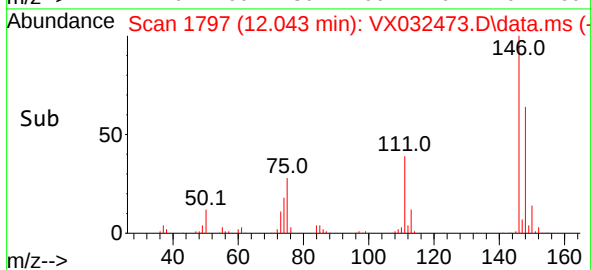
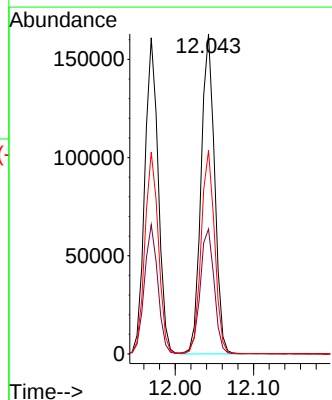
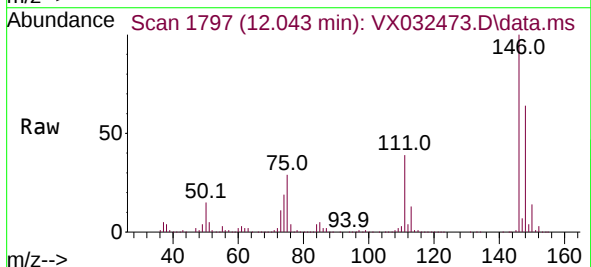
RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion:146 Resp: 196194
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.5 61.6
 148 63.4 32.2 96.6





#89

n-Butylbenzene

Concen: 48.414 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 319049

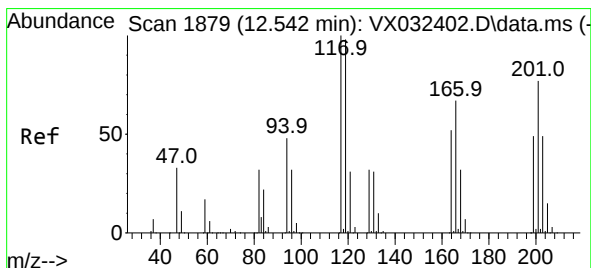
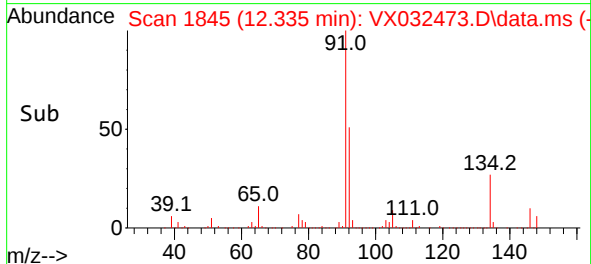
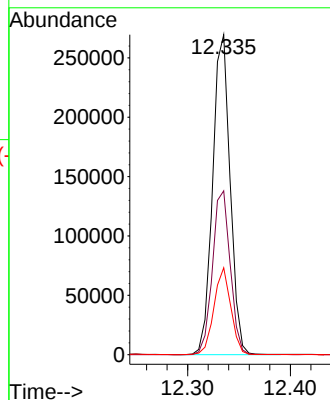
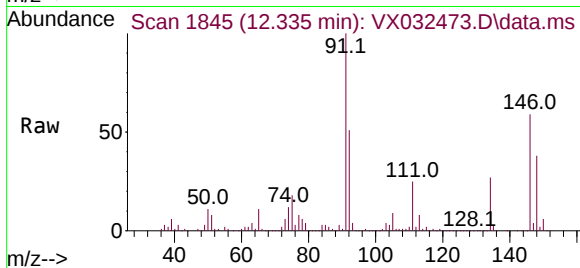
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.2	78.6
134	26.3	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2022

Supervised By :Mahesh Dadoda 10/31/2022



#90

Hexachloroethane

Concen: 43.927 ug/l

RT: 12.542 min Scan# 1879

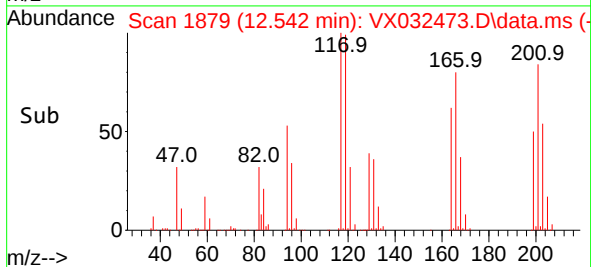
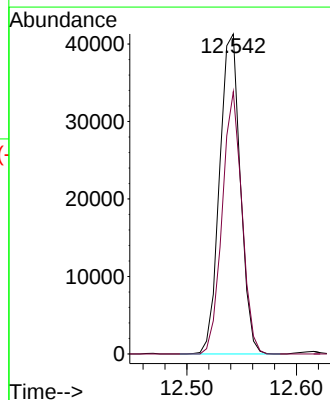
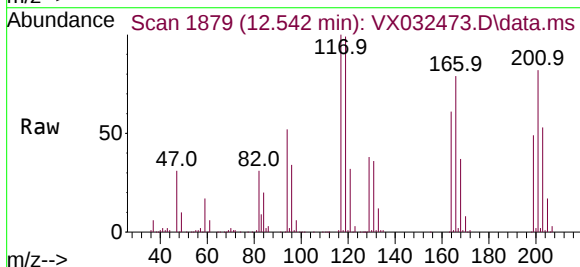
Delta R.T. 0.000 min

Lab File: VX032473.D

Acq: 28 Oct 2022 20:28

Tgt Ion:117 Resp: 54351

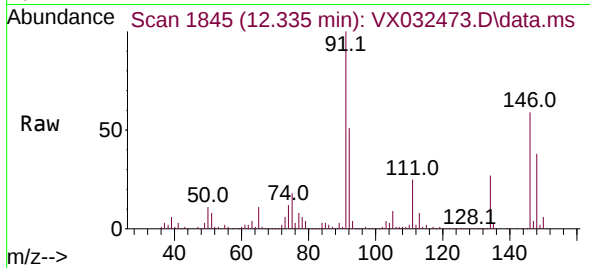
Ion	Ratio	Lower	Upper
117	100		
201	77.8	37.6	112.9





#91
1,2-Dichlorobenzene
Concen: 48.173 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

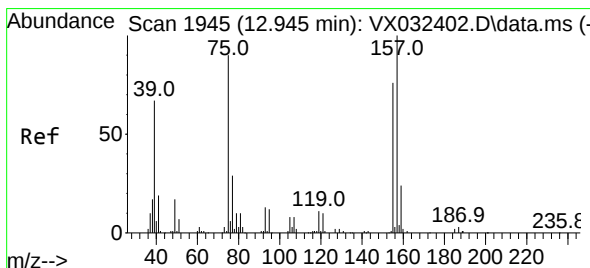
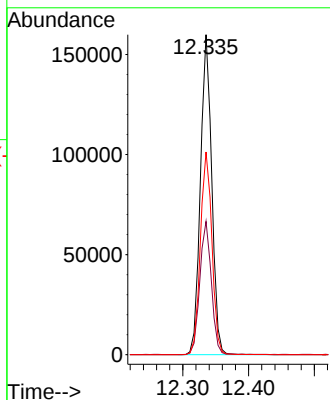
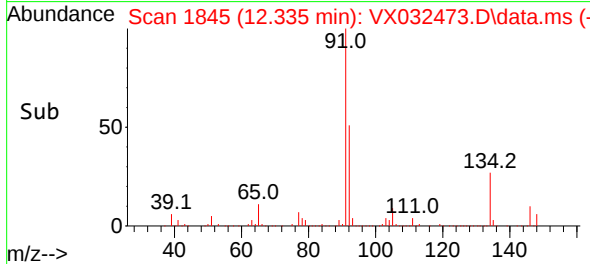
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



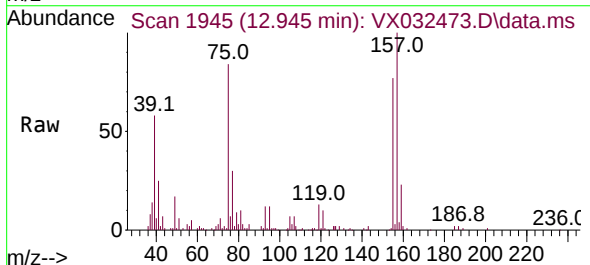
Tgt Ion:146 Resp: 190990
Ion Ratio Lower Upper
146 100
111 42.5 21.5 64.5
148 64.6 32.0 96.2

Manual Integrations
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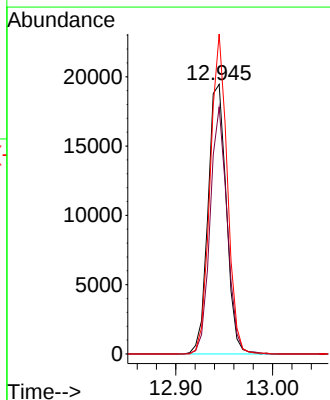
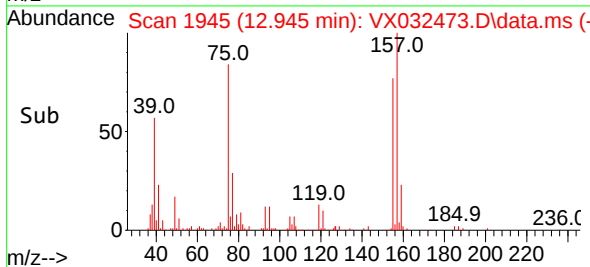
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022

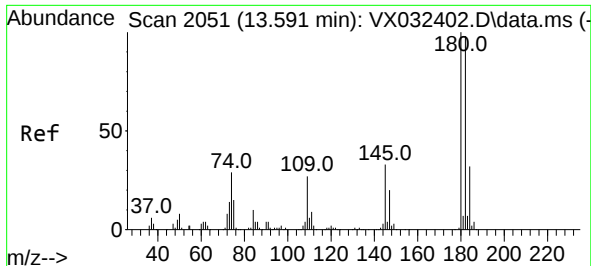


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.838 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28



Tgt Ion: 75 Resp: 25602
Ion Ratio Lower Upper
75 100
155 85.3 41.6 124.8
157 110.5 54.1 162.4





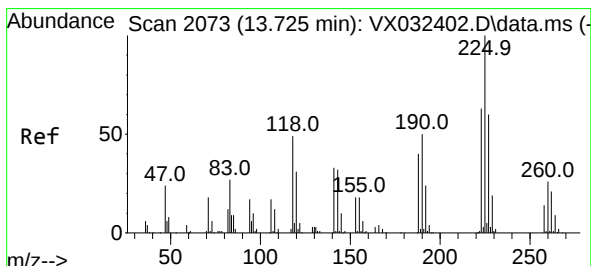
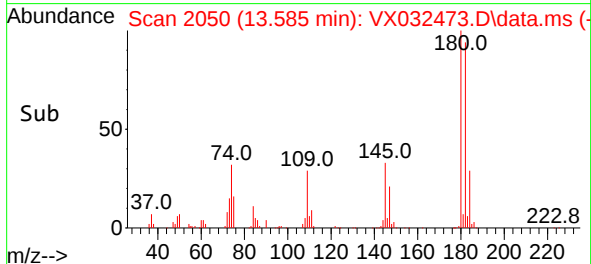
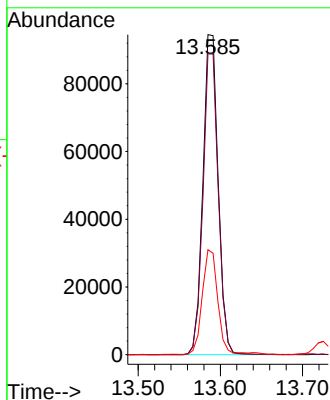
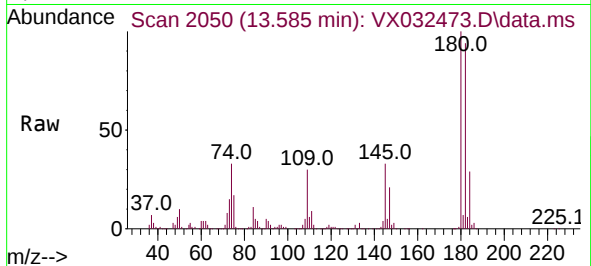
#93
1,2,4-Trichlorobenzene
Concen: 47.249 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 12214
Ion Ratio Lower Upper
180 100
182 93.9 48.4 145.0
145 33.0 16.2 48.5

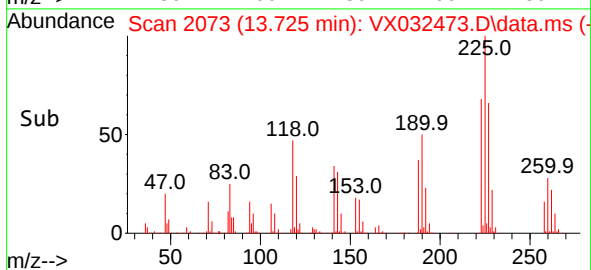
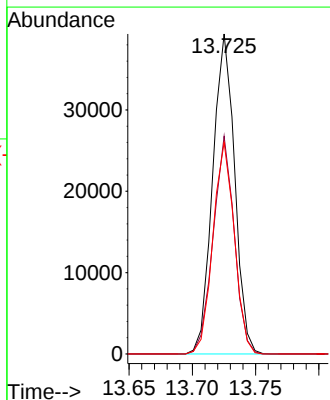
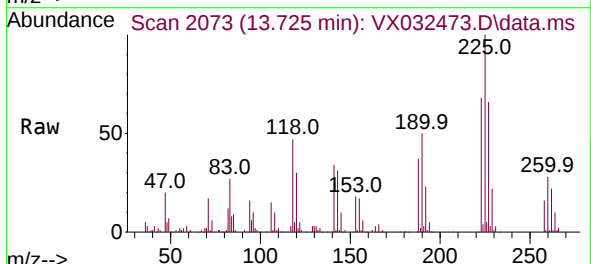
Manual Integrations
APPROVED

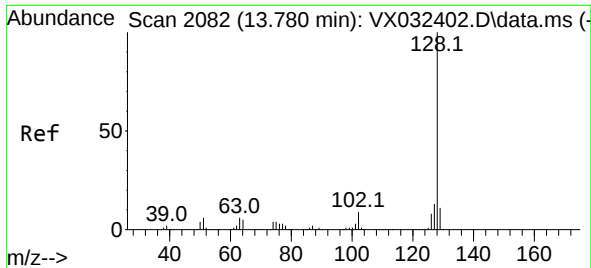
Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#94
Hexachlorobutadiene
Concen: 43.925 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:225 Resp: 47425
Ion Ratio Lower Upper
225 100
223 65.2 31.9 95.9
227 64.3 31.9 95.5





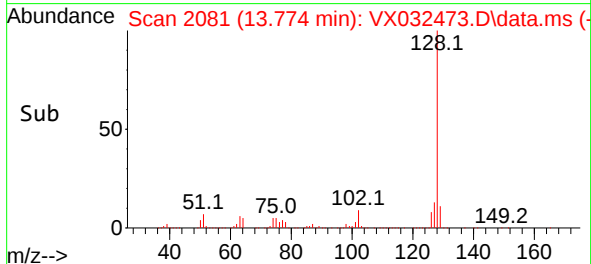
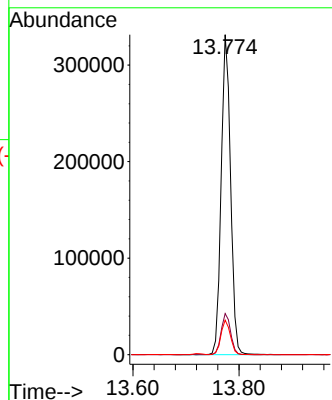
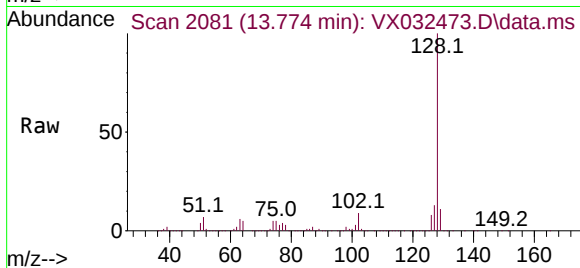
#95
Naphthalene
Concen: 47.211 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 406682
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.895 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032473.D
Acq: 28 Oct 2022 20:28

Tgt Ion:180 Resp: 120607
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.6
145 35.2 16.9 50.6

