

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032780.D
 Acq On : 11 Nov 2022 17:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 05:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	11179	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77360	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	10.055	117	84454	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	31831	29.515	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.367%	
60) 4-Bromofluorobenzene	11.079	95	47901	29.651	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.833%	
63) Toluene-d8	8.647	98	87048	30.542	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21100	21.327	ug/l	100
3) Chloromethane	1.294	50	20256	20.632	ug/l	97
4) Vinyl Chloride	1.374	62	23267	20.959	ug/l	96
5) Bromomethane	1.611	94	15590	15.818	ug/l	97
6) Chloroethane	1.685	64	15062	17.177	ug/l	89
7) Trichlorofluoromethane	1.886	101	44505	20.797	ug/l	99
8) Diethyl Ether	2.130	74	14245	20.588	ug/l	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	24291	21.339	ug/l	96
10) 1,1-Dichloroethene	2.319	96	22015	20.244	ug/l	88
11) Methyl Iodide	2.453	142	16311	13.951	ug/l	99
12) Methyl Acetate	2.703	43	31951	19.834	ug/l	92
13) Acrolein	2.233	56	19771	92.035	ug/l	99
14) Acrylonitrile	3.062	53	57266	99.163	ug/l	99
15) Acetone	2.380	58	14907	99.269	ug/l	90
16) Carbon Disulfide	2.514	76	53443	19.741	ug/l	99
17) Allyl chloride	2.666	41	34554	19.997	ug/l	87
18) Methylene Chloride	2.788	84	25567	20.386	ug/l	90
19) trans-1,2-Dichloroethene	3.093	96	23870	19.926	ug/l	89
20) Diisopropyl ether	3.757	45	76168	19.658	ug/l	89
21) 1,1-Dichloroethane	3.605	63	43961	20.211	ug/l	95
22) cis-1,2-Dichloroethene	4.489	96	27758	19.845	ug/l	87
23) tert-Butyl Alcohol	2.965	59	19543	104.224	ug/l	# 100
24) Methyl tert-Butyl Ether	3.111	73	77710	19.956	ug/l	# 90
25) Chloroform	5.093	83	47926	19.755	ug/l	99
26) Cyclohexane	5.471	56	38591	20.316	ug/l	# 84
29) 1,1-Dichloropropene	5.690	75	34839	20.306	ug/l	96
30) 2-Butanone	4.556	43	77978	97.473	ug/l	91
31) 2,2-Dichloropropane	4.471	77	34417	23.455	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	43306	20.066	ug/l	95
33) Carbon Tetrachloride	5.678	117	37939	20.021	ug/l	97
34) Benzene	6.031	78	97833	20.238	ug/l	95
35) Methacrylonitrile	4.922	41	17583	19.406	ug/l	91
36) 1,2-Dichloroethane	6.086	62	39792	19.995	ug/l	# 93
37) Trichloroethene	7.129	130	28017	20.716	ug/l	94
38) Methylcyclohexane	7.379	83	40716	21.181	ug/l	89
39) 1,2-Dichloropropane	7.428	63	24987	20.420	ug/l	98
40) Dibromomethane	7.580	93	18916	20.247	ug/l	97
41) Bromodichloromethane	7.818	83	35647	20.018	ug/l	96
42) Vinyl Acetate	3.721	43	308954	100.506	ug/l	# 91

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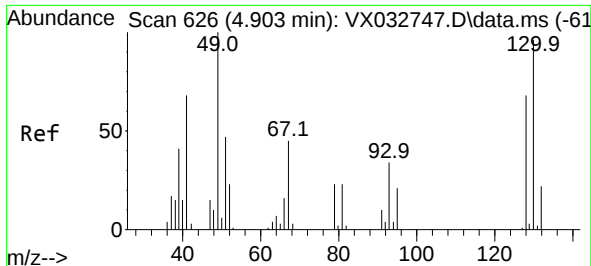
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	32116	19.957	ug/l #	88
44) Isopropyl Acetate	6.336	43	53883	19.980	ug/l	94
45) 1,4-Dioxane	7.671	88	8910	343.961	ug/l #	80
46) Methyl methacrylate	7.696	41	27255	20.075	ug/l	87
47) n-amyl Acetate	10.842	43	47767	19.924	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	36187	19.808	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	39219	20.331	ug/l #	86
50) 1,1,2-Trichloroethane	9.153	97	26254	20.438	ug/l	96
51) Ethyl methacrylate	9.116	69	38352	19.991	ug/l	84
52) 1,3-Dichloropropane	9.311	76	42895	20.425	ug/l	99
53) Dibromochloromethane	9.519	129	27551	19.722	ug/l	98
54) 1,2-Dibromoethane	9.610	107	27578	19.931	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	96702	104.307	ug/l #	92
56) Bromoform	10.799	173	18614	18.611	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	168563	101.959	ug/l #	90
59) 2-Hexanone	9.433	43	123618	101.556	ug/l	91
61) Tetrachloroethene	9.275	164	24106	20.424	ug/l	95
62) Toluene	8.720	91	111907	20.375	ug/l	97
64) Chlorobenzene	10.079	112	70012	20.619	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	25949	20.061	ug/l	99
66) Ethyl Benzene	10.195	91	126022	20.453	ug/l	97
67) m/p-Xylenes	10.299	106	98201	40.961	ug/l	89
68) o-Xylene	10.640	106	46984	19.973	ug/l	89
69) Styrene	10.659	104	79278	20.271	ug/l	95
70) Isopropylbenzene	10.963	105	129425	20.603	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.213	83	38745	20.338	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	34520m	20.864	ug/l	
73) Bromobenzene	11.201	156	31008	20.319	ug/l	89
74) n-propylbenzene	11.305	91	149735	20.979	ug/l	96
75) 2-Chlorotoluene	11.366	91	89715	20.761	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	110443	20.797	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	9243	18.307	ug/l	83
78) 4-Chlorotoluene	11.457	91	104774	21.048	ug/l	92
79) tert-butylbenzene	11.713	119	105312	20.406	ug/l	94
80) 1,2,4-Trimethylbenzene	11.756	105	109509	21.091	ug/l	93
81) sec-Butylbenzene	11.890	105	130628	21.025	ug/l	95
82) p-Isopropyltoluene	12.012	119	110668	21.135	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	59611	21.291	ug/l	98
84) 1,4-Dichlorobenzene	12.043	146	59789	21.265	ug/l	99
85) n-Butylbenzene	12.335	91	96018	21.636	ug/l	94
86) Hexachloroethane	12.542	117	15960	18.567	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	58075	20.866	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8038	19.888	ug/l #	79
89) 1,2,4-Trichlorobenzene	13.591	180	36155	21.151	ug/l	98
90) Hexachlorobutadiene	13.725	225	15064	21.896	ug/l	100
91) Naphthalene	13.774	128	120090	20.815	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	36612	21.296	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

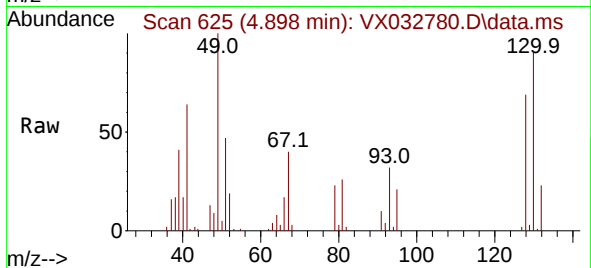
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 11 05:24:06 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

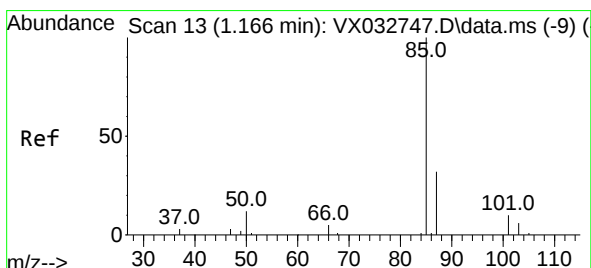
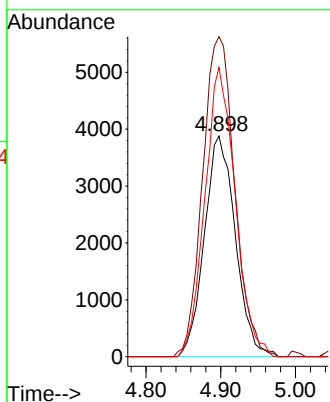
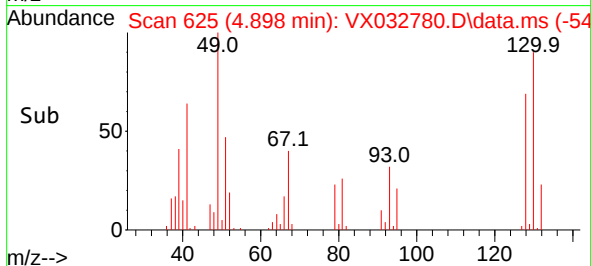
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 11179
Ion Ratio Lower Upper
128 100
49 150.6 0.0 293.0
130 128.7 0.0 321.5

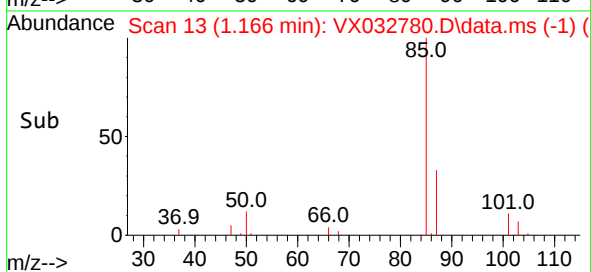
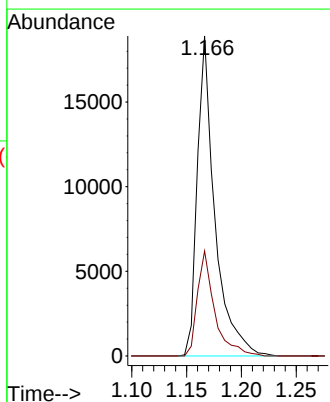
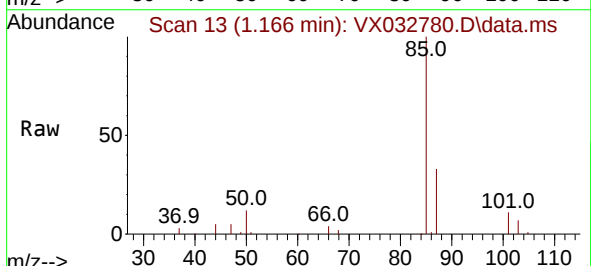
Manual Integrations
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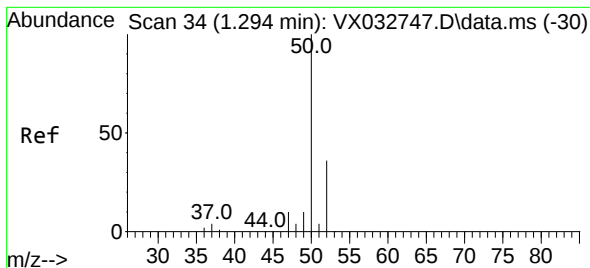
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 21.327 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 85 Resp: 21100
Ion Ratio Lower Upper
85 100
87 32.8 16.5 49.5





#3

Chloromethane

Concen: 20.632 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 50 Resp: 20250

Ion Ratio Lower Upper

50 100

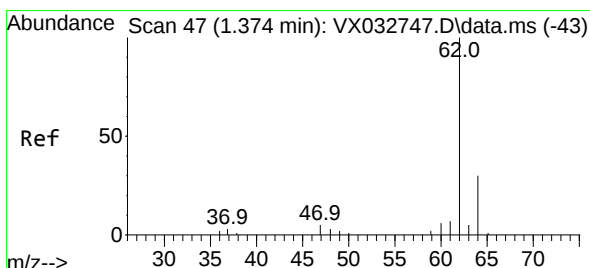
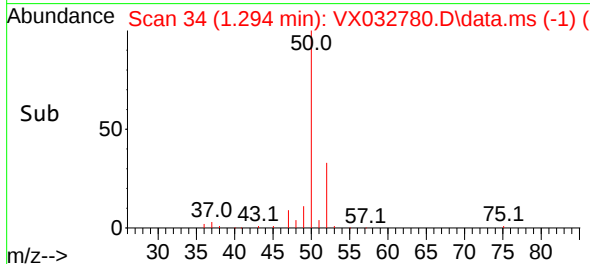
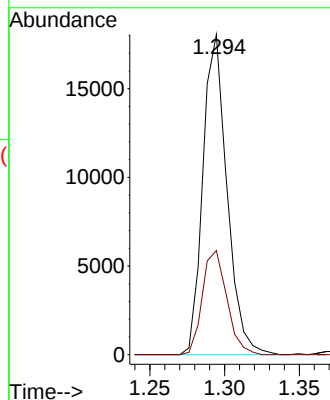
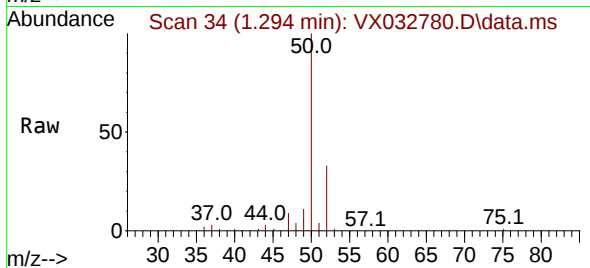
52 32.5 27.6 41.4

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/14/2022



#4

Vinyl Chloride

Concen: 20.959 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX032780.D

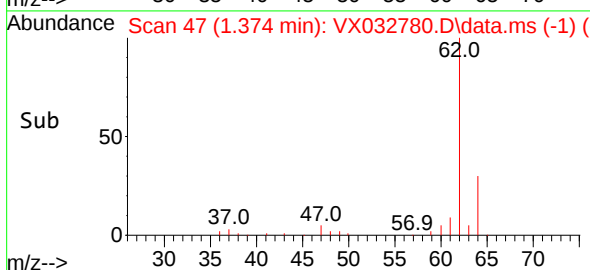
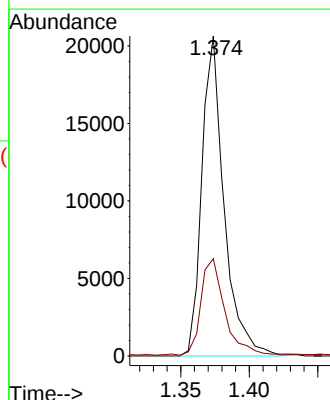
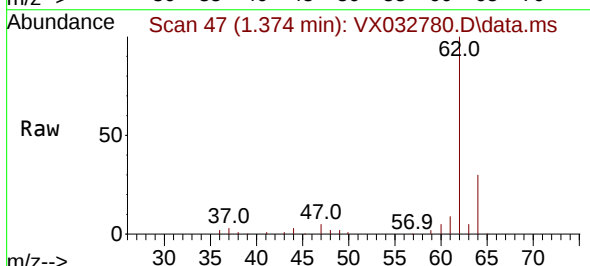
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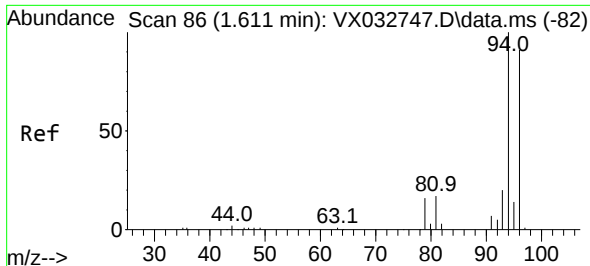
Tgt Ion: 62 Resp: 23267

Ion Ratio Lower Upper

62 100

64 30.1 25.7 38.5





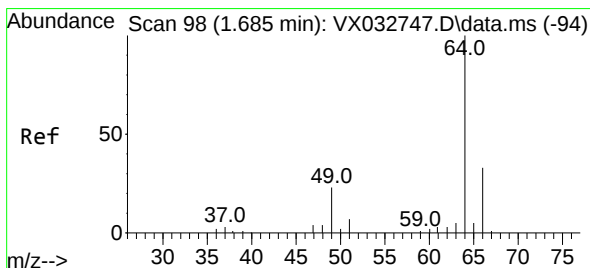
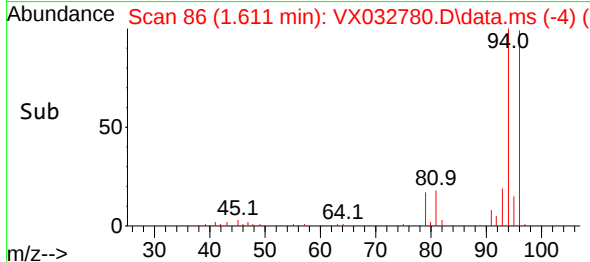
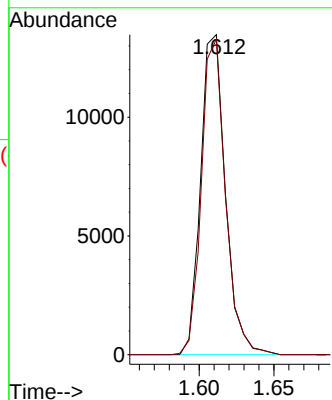
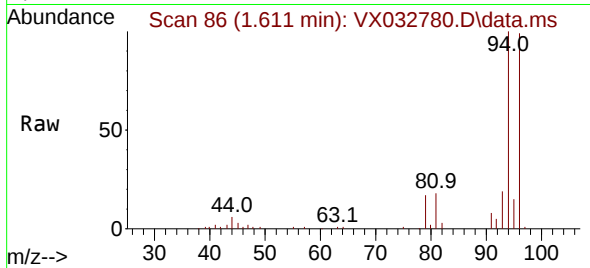
#5
Bromomethane
Concen: 15.818 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 15590
Ion Ratio Lower Upper
94 100
96 98.6 76.8 115.2

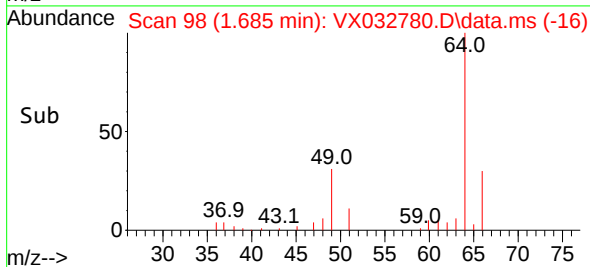
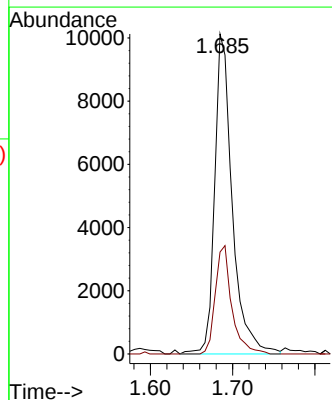
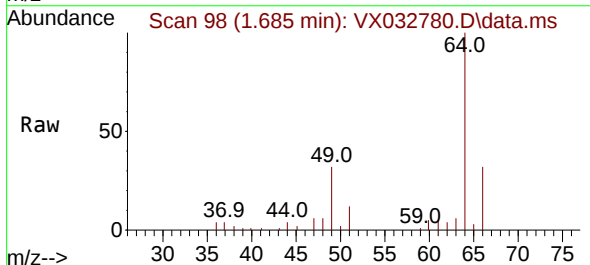
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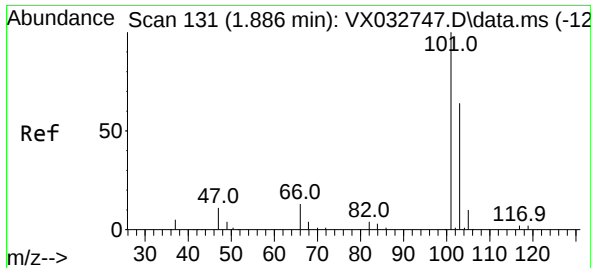
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#6
Chloroethane
Concen: 17.177 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 64 Resp: 15062
Ion Ratio Lower Upper
64 100
66 31.9 30.6 46.0





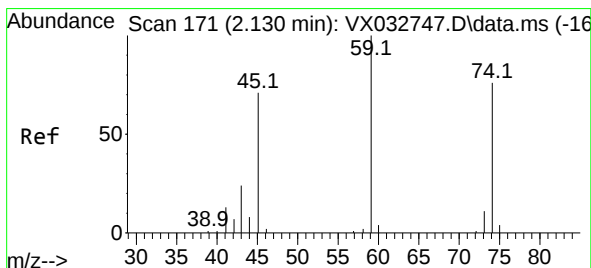
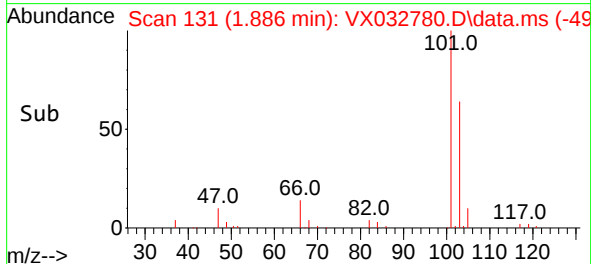
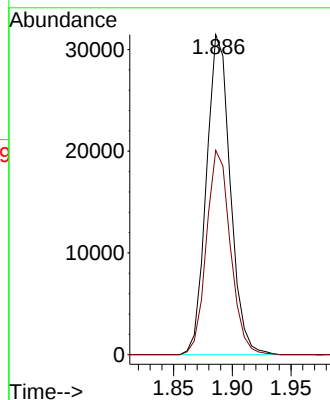
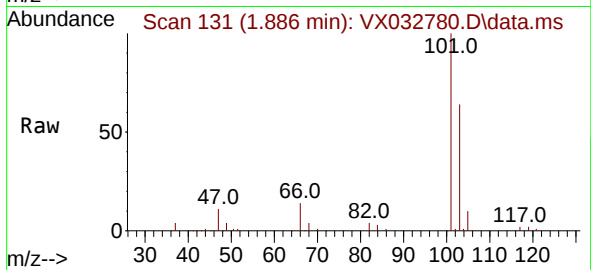
#7
Trichlorofluoromethane
Concen: 20.797 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4450
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

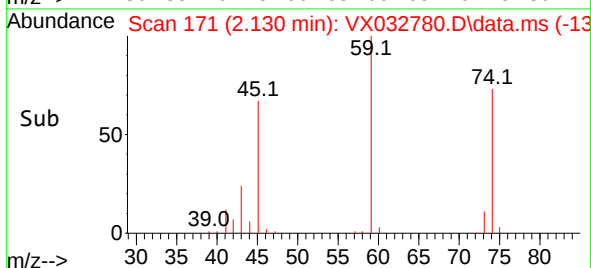
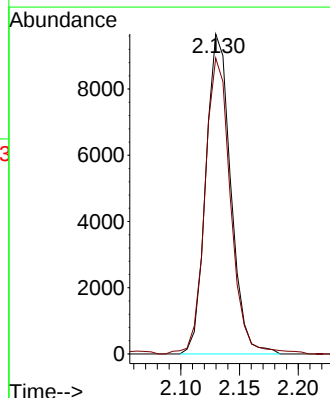
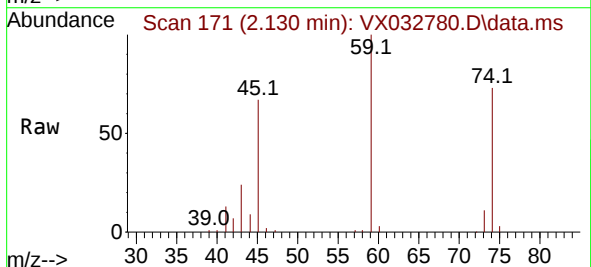
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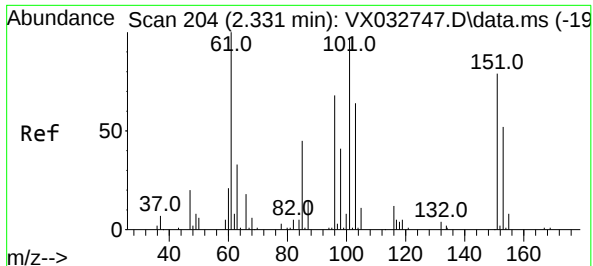
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#8
Diethyl Ether
Concen: 20.588 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 74 Resp: 14245
Ion Ratio Lower Upper
74 100
45 94.9 14.2 127.8





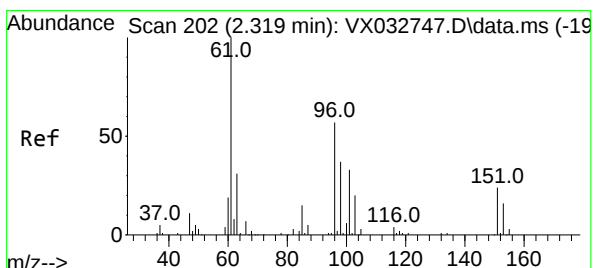
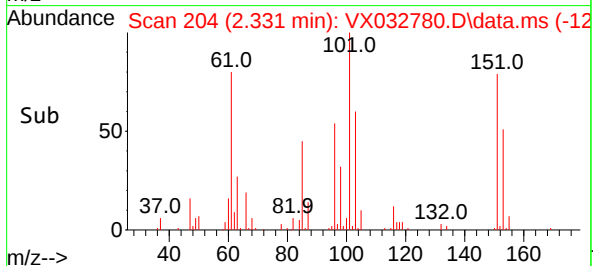
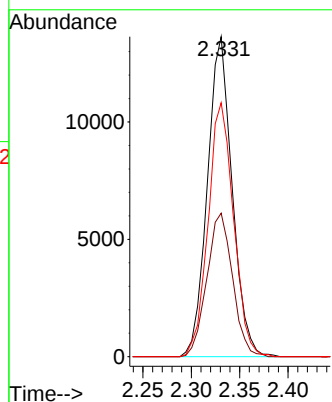
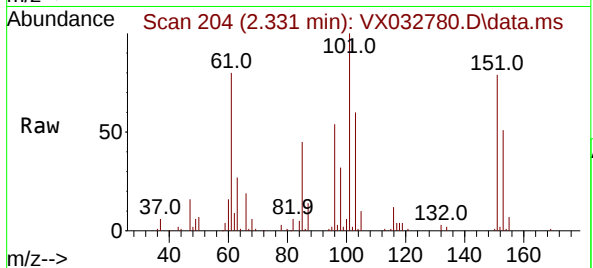
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.339 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2429
Ion Ratio Lower Upper
101 100
85 46.5 0.0 88.8
151 81.6 0.0 156.6

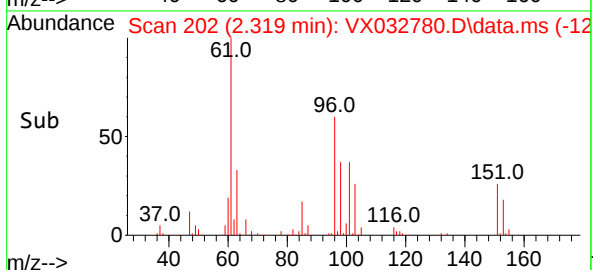
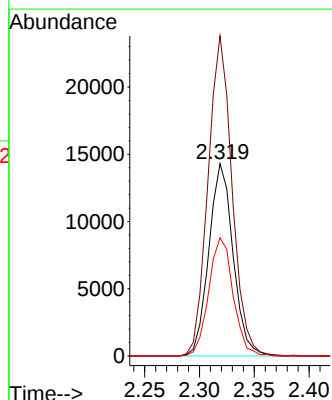
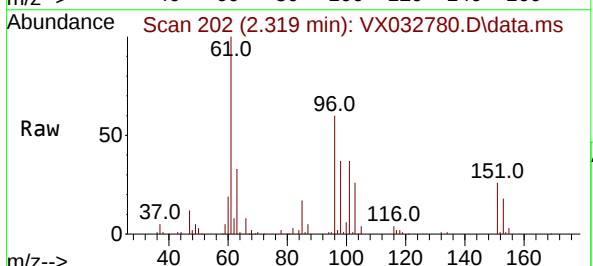
Manual Integrations
APPROVED

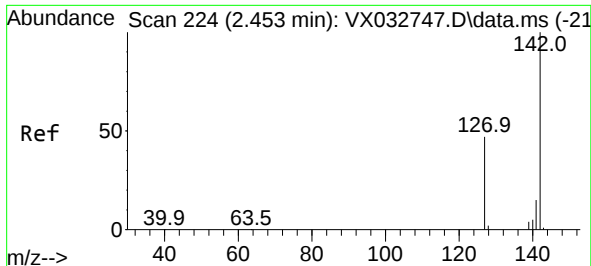
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#10
1,1-Dichloroethene
Concen: 20.244 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 96 Resp: 22015
Ion Ratio Lower Upper
96 100
61 166.4 115.8 173.6
98 61.5 49.7 74.5





#11

Methyl Iodide

Concen: 13.951 ug/l

RT: 2.453 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX032780.D

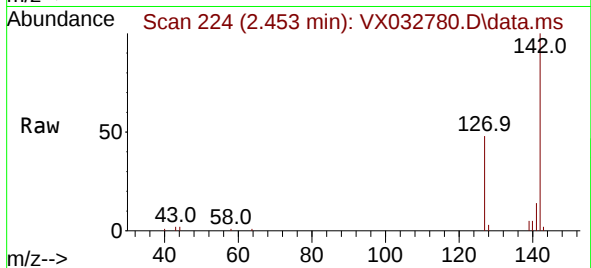
Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



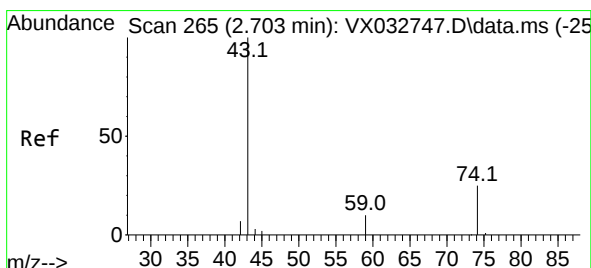
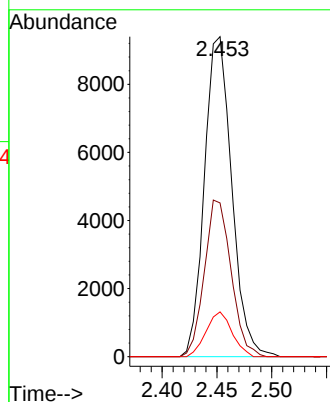
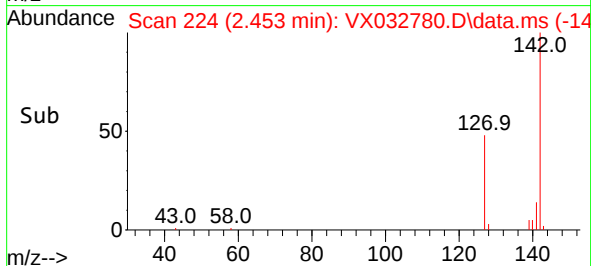
Tgt Ion:	142	Resp:	1631
Ion Ratio	Lower	Upper	
142	100		
127	48.1	23.8	71.2
141	14.0	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#12

Methyl Acetate

Concen: 19.834 ug/l

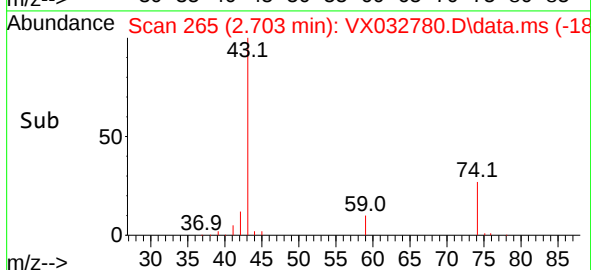
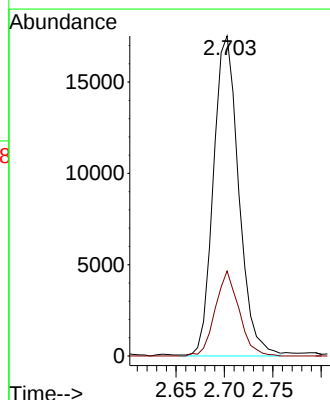
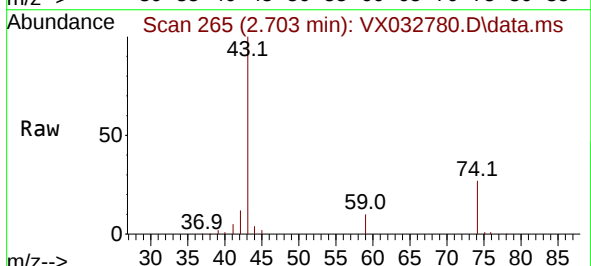
RT: 2.703 min Scan# 265

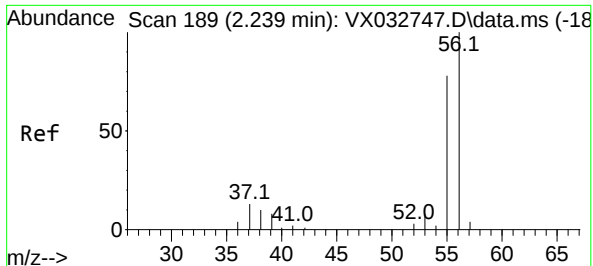
Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion:	43	Resp:	31951
Ion Ratio	Lower	Upper	
43	100		
74	26.7	24.8	37.2





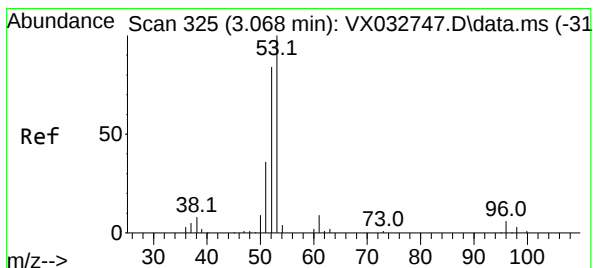
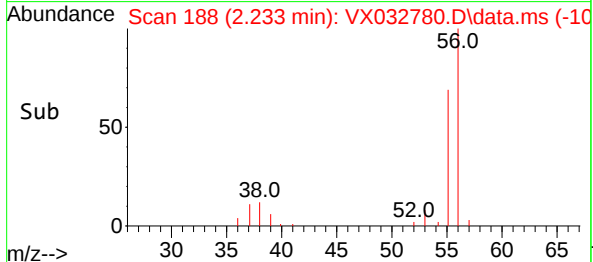
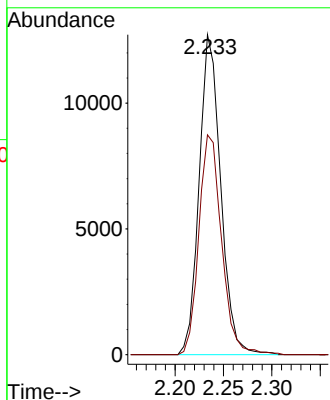
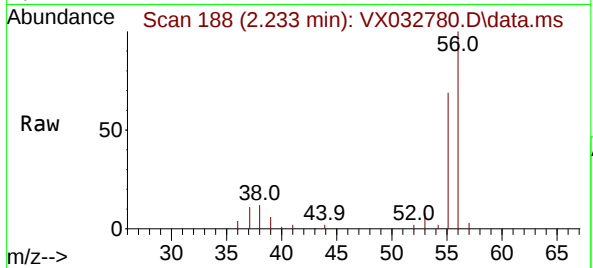
#13
Acrolein
Concen: 92.035 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
55 72.5 58.4 87.6

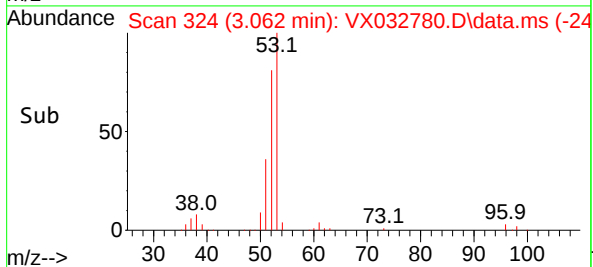
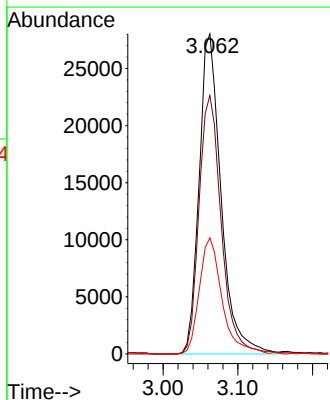
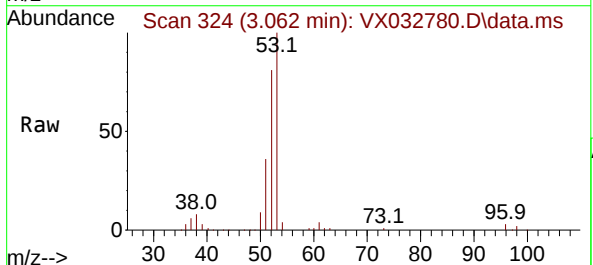
Manual Integrations
APPROVED

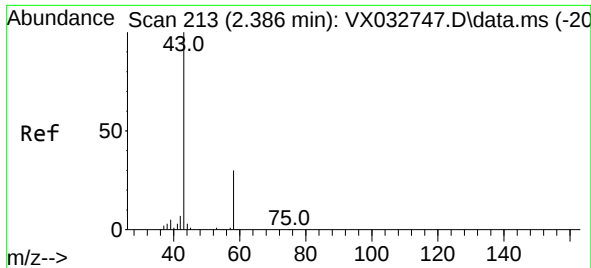
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#14
Acrylonitrile
Concen: 99.163 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 53 Resp: 57266
Ion Ratio Lower Upper
53 100
52 81.8 41.5 124.5
51 37.5 18.3 54.9





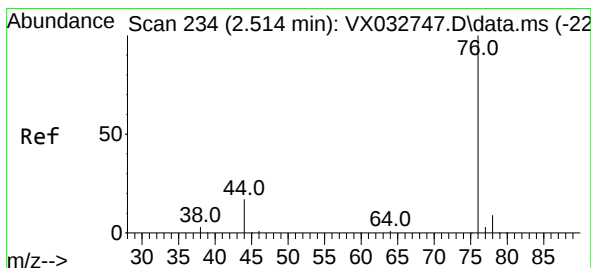
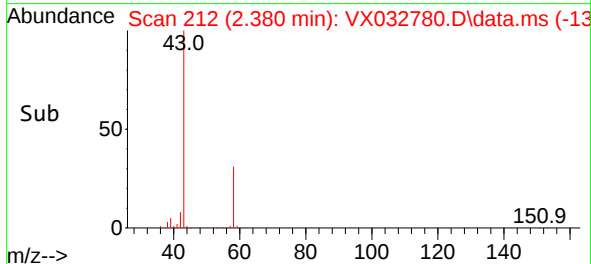
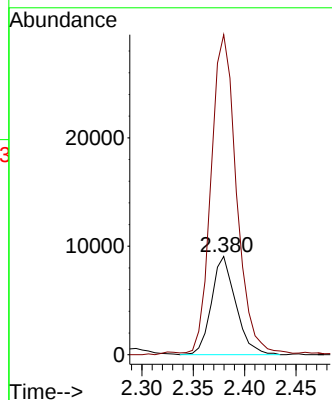
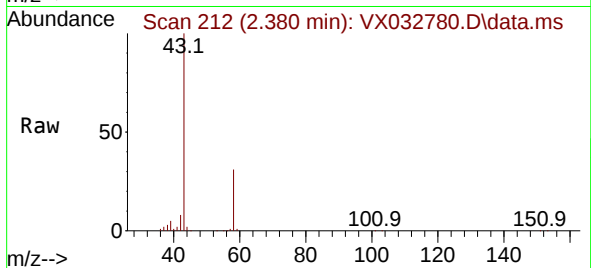
#15
Acetone
Concen: 99.269 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 1490
Ion Ratio Lower Upper
58 100
43 323.9 242.6 364.0

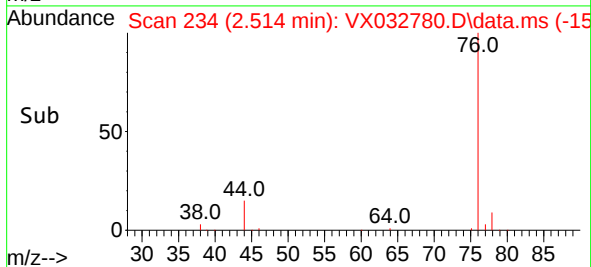
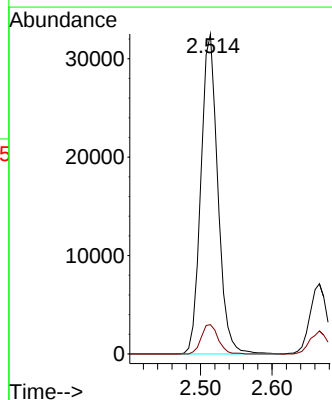
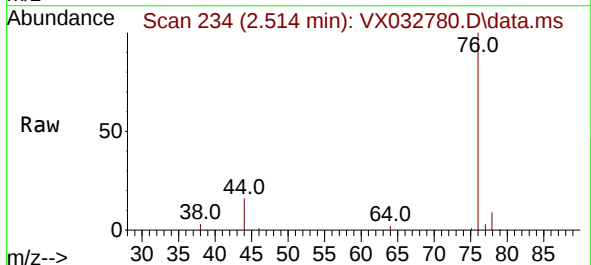
Manual Integrations
APPROVED

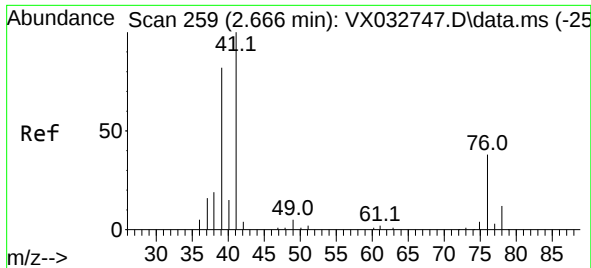
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Carbon Disulfide
Concen: 19.741 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 76 Resp: 53443
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17
 Allyl chloride
 Concen: 19.997 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX032780.D
 Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

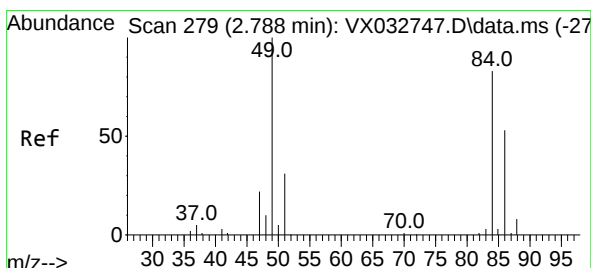
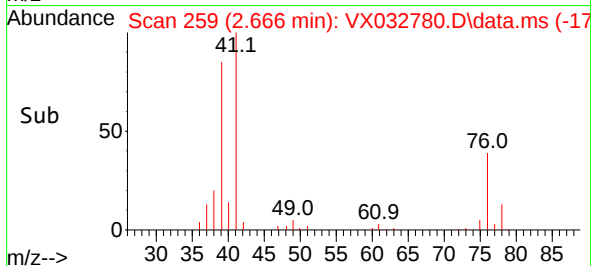
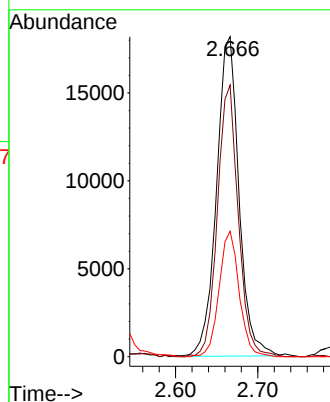
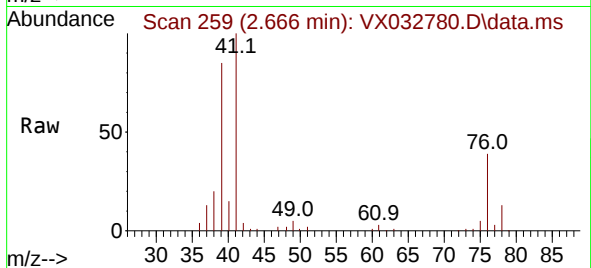
VSTDCCC020EC

Tgt Ion: 41 Resp: 34554
 Ion Ratio Lower Upper
 41 100
 39 85.1 37.0 111.0
 76 39.4 23.8 71.5

Manual Integrations

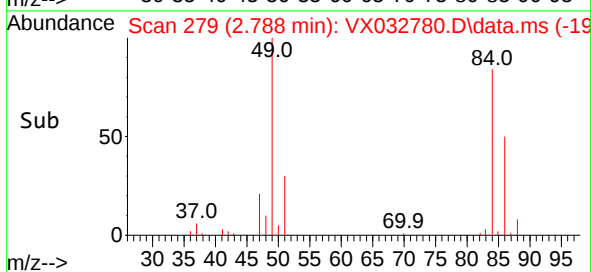
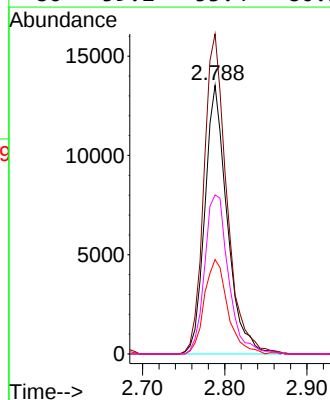
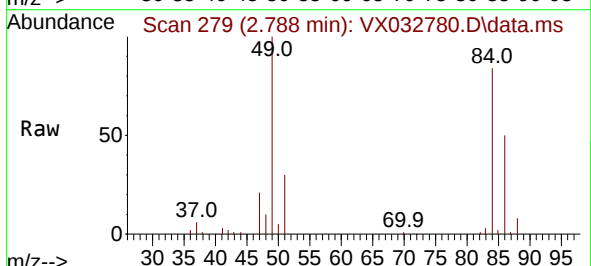
APPROVED

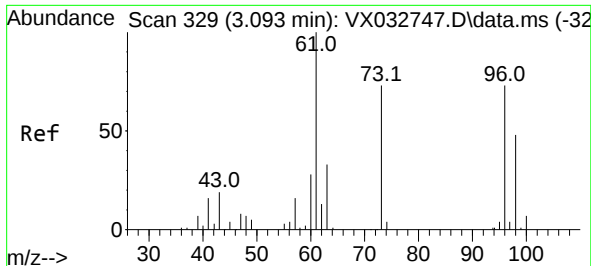
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#18
 Methylene Chloride
 Concen: 20.386 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX032780.D
 Acq: 11 Nov 2022 17:34

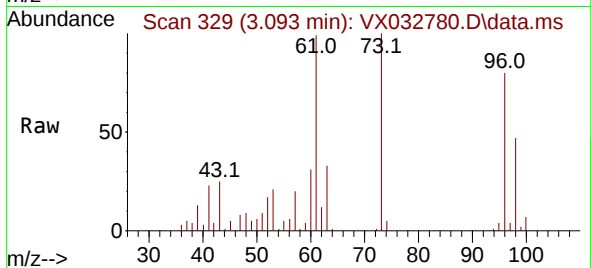
Tgt Ion: 84 Resp: 25567
 Ion Ratio Lower Upper
 84 100
 49 119.1 84.6 127.0
 51 35.1 26.5 39.7
 86 59.2 53.4 80.2





#19
trans-1,2-Dichloroethene
Concen: 19.926 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

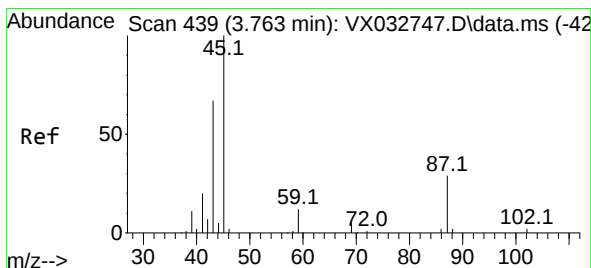
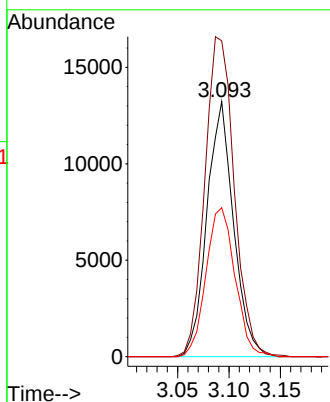
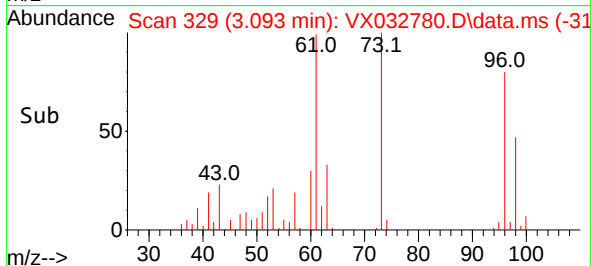
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



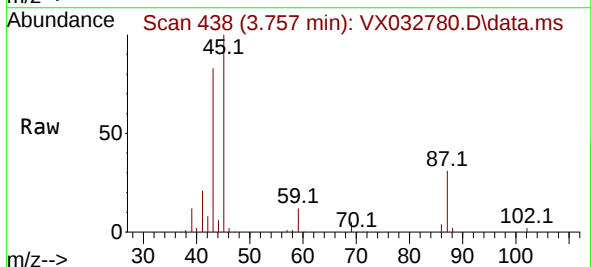
Tgt Ion: 96 Resp: 23870
Ion Ratio Lower Upper
96 100
61 123.3 87.4 131.0
98 58.4 51.5 77.3

Manual Integrations
APPROVED

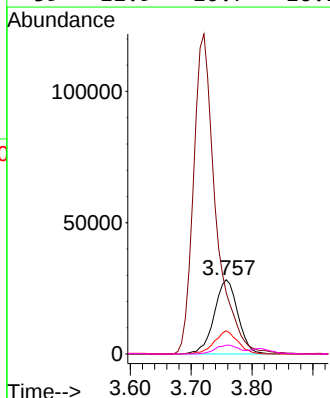
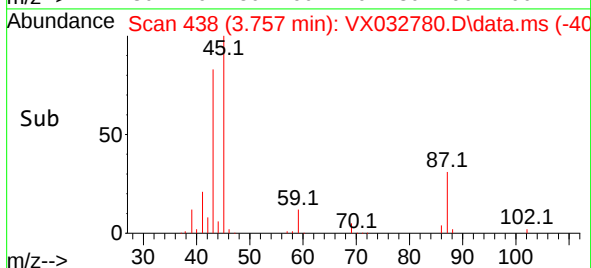
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

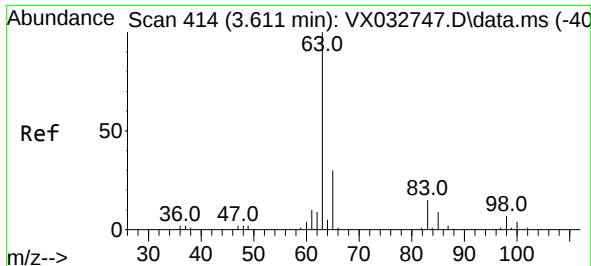


#20
Diisopropyl ether
Concen: 19.658 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



Tgt Ion: 45 Resp: 76168
Ion Ratio Lower Upper
45 100
43 81.2 74.5 111.7
87 31.3 30.4 45.6
59 11.9 10.7 16.1





#21

1,1-Dichloroethane

Concen: 20.211 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

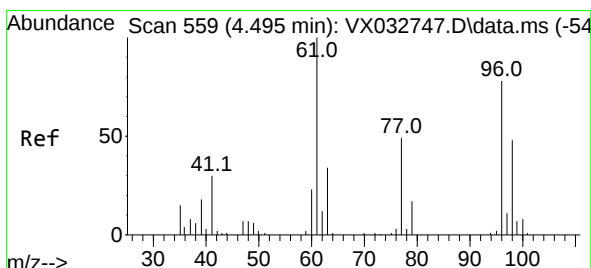
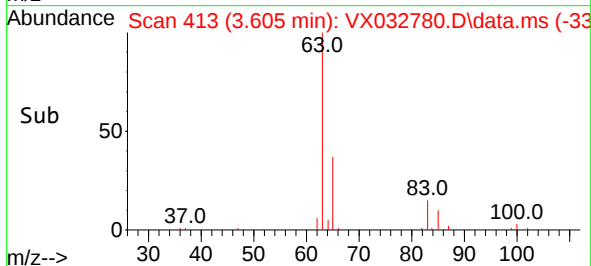
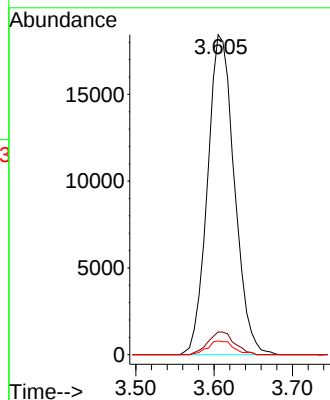
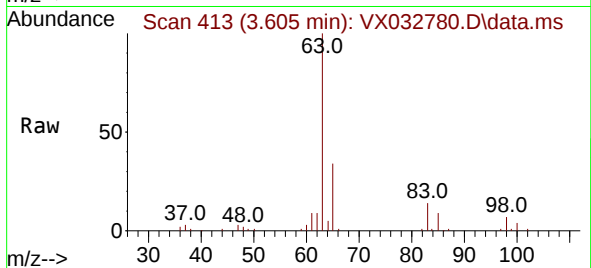
Tgt Ion: 63	Resp: 4396
Ion Ratio	Lower Upper
63 100	
98 7.1	4.5 13.7
100 4.3	2.8 8.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#22

cis-1,2-Dichloroethene

Concen: 19.845 ug/l

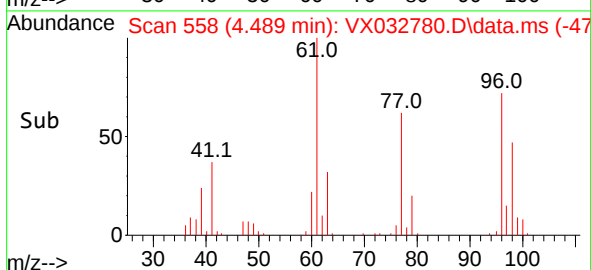
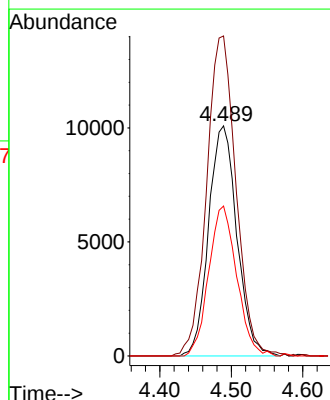
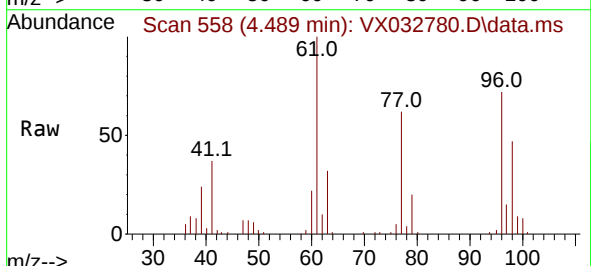
RT: 4.489 min Scan# 558

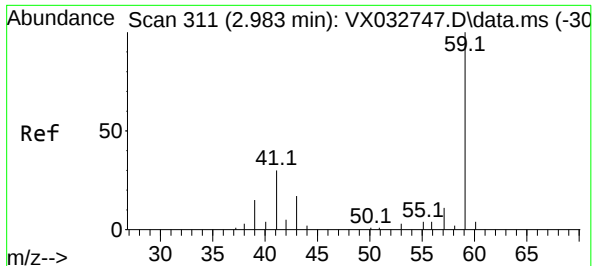
Delta R.T. -0.006 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion: 96	Resp: 27758
Ion Ratio	Lower Upper
96 100	
61 144.1	98.0 147.0
98 63.9	52.2 78.4





#23

tert-Butyl Alcohol

Concen: 104.224 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 1954

Ion Ratio Lower Upper

59 100

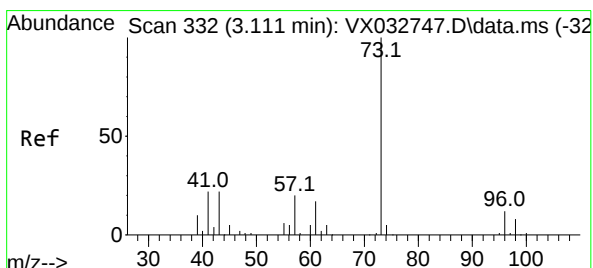
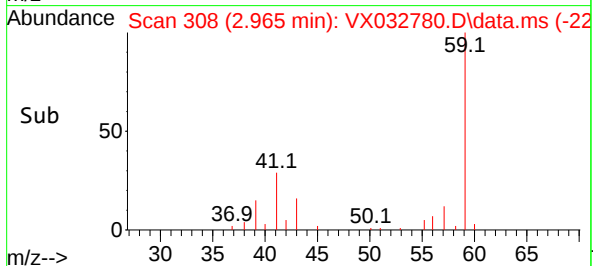
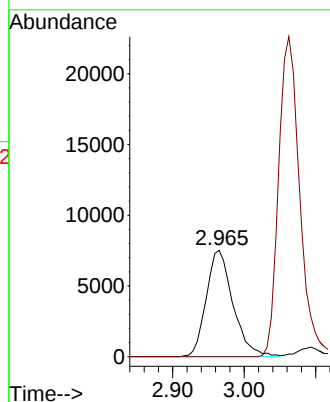
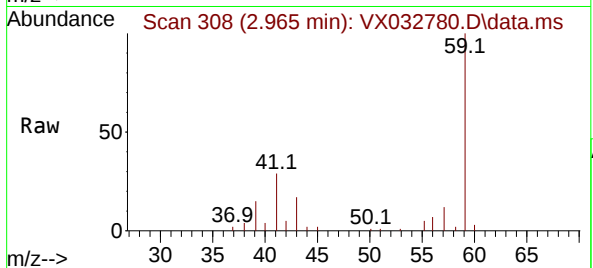
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#24

Methyl tert-Butyl Ether

Concen: 19.956 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX032780.D

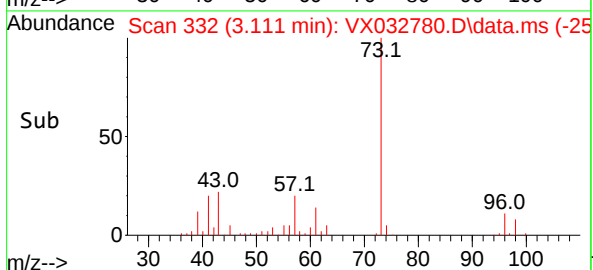
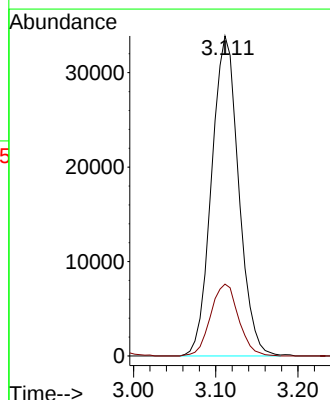
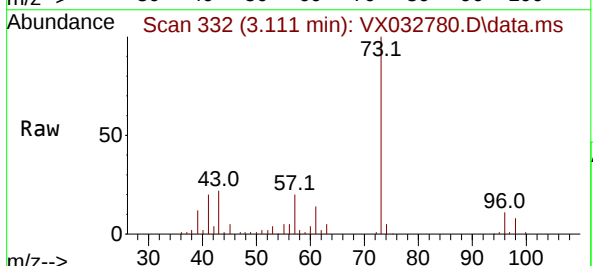
Acq: 11 Nov 2022 17:34

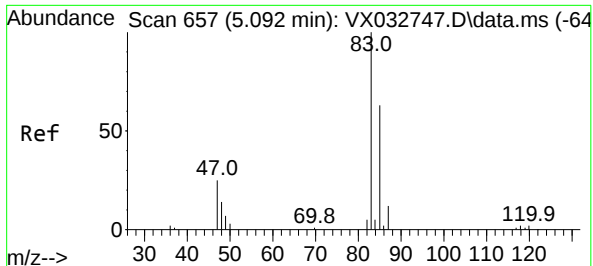
Tgt Ion: 73 Resp: 77710

Ion Ratio Lower Upper

73 100

43 23.1 14.8 22.2#





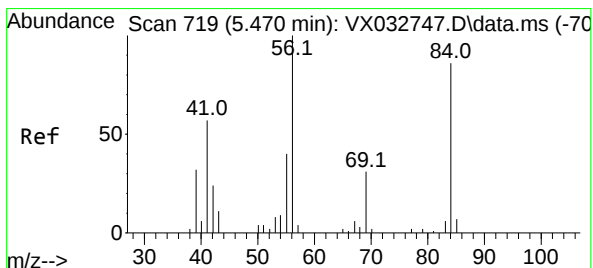
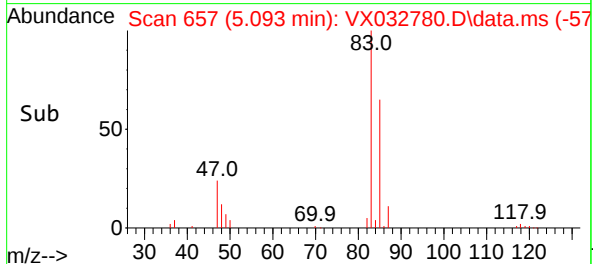
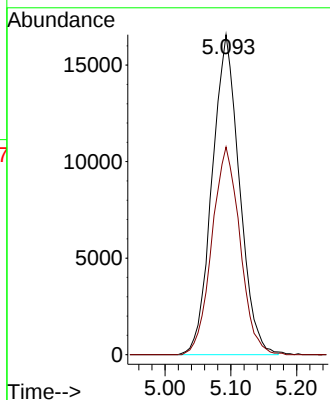
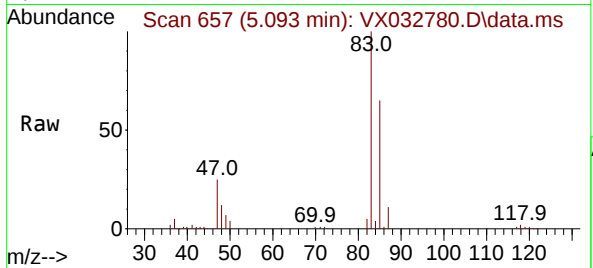
#25
Chloroform
Concen: 19.755 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 47920
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0

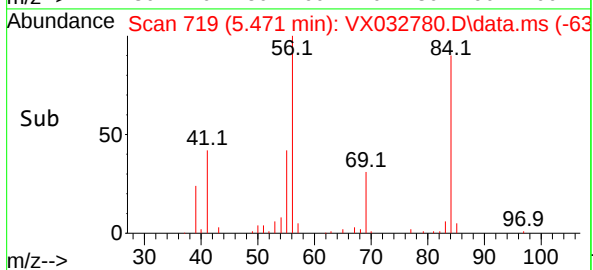
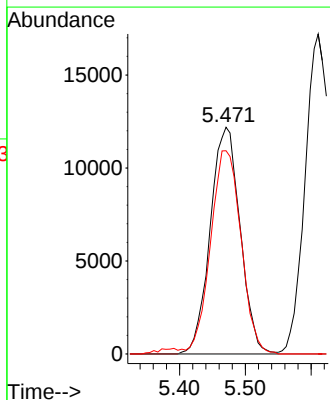
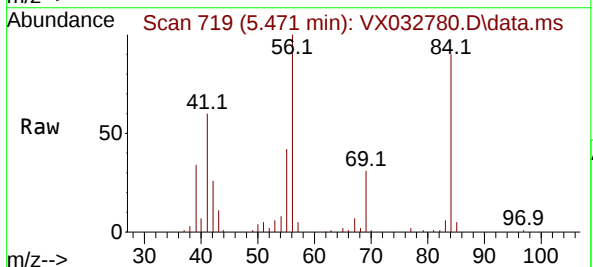
Manual Integrations
APPROVED

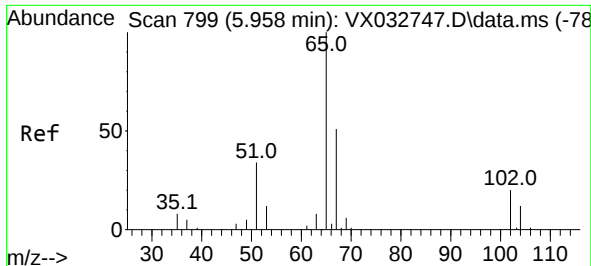
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#26
Cyclohexane
Concen: 20.316 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 56 Resp: 38591
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.2 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 29.515 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 3183

Ion Ratio Lower Upper

65 100

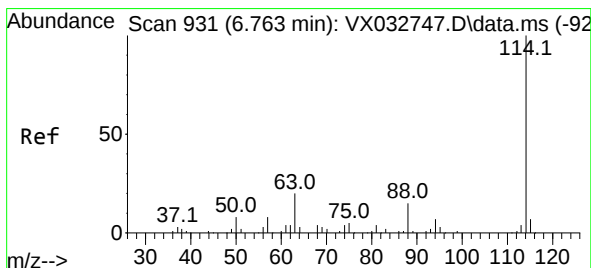
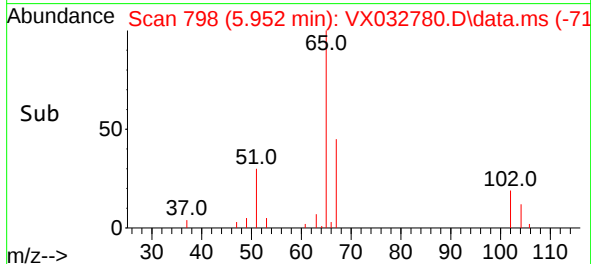
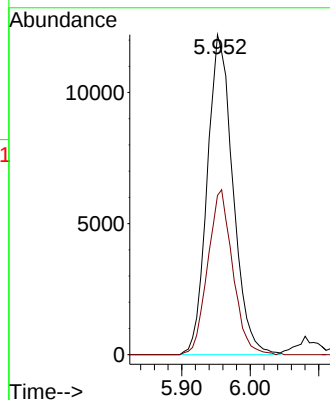
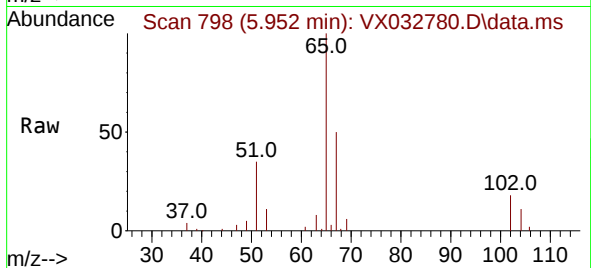
67 50.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

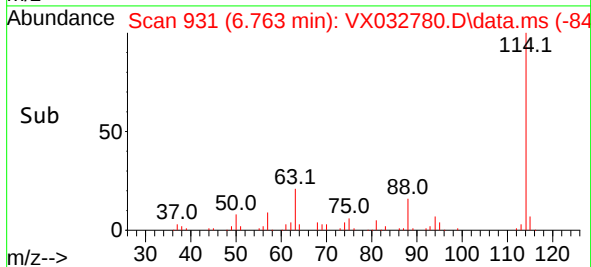
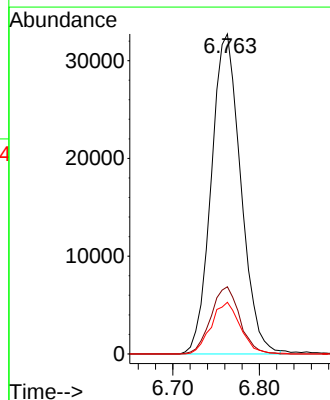
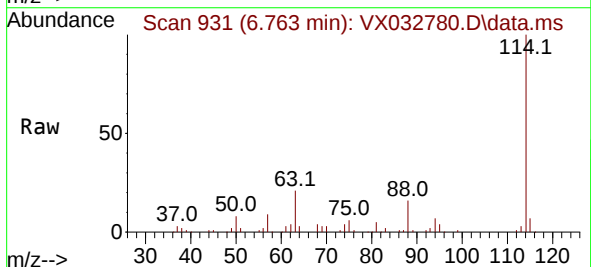
Tgt Ion:114 Resp: 77360

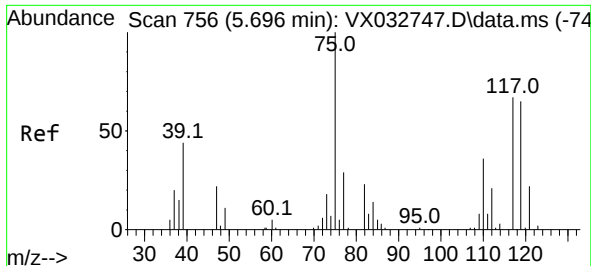
Ion Ratio Lower Upper

114 100

63 20.6 13.6 20.4

88 15.9 11.8 17.6





#29
1,1-Dichloropropene
Concen: 20.306 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

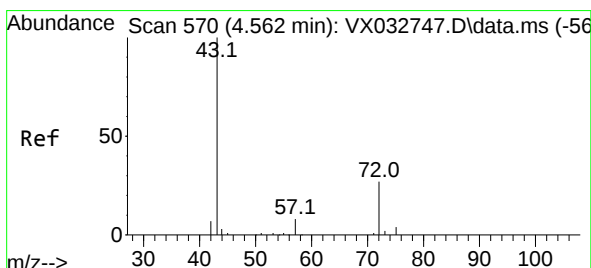
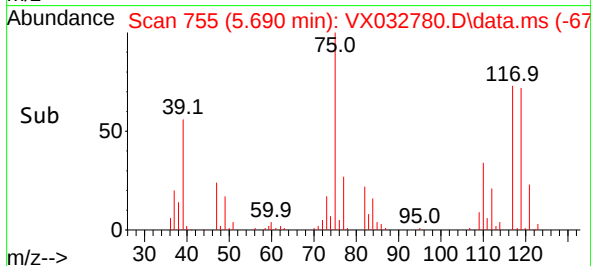
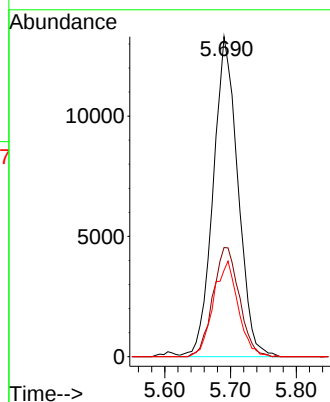
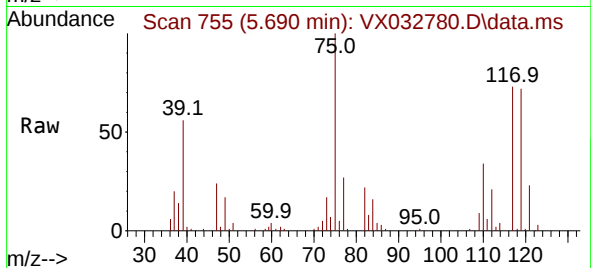
VSTDCCC020EC

Tgt Ion: 75 Resp: 34839
Ion Ratio Lower Upper
75 100
110 36.3 0.0 80.4
77 30.1 0.0 62.0

Manual Integrations

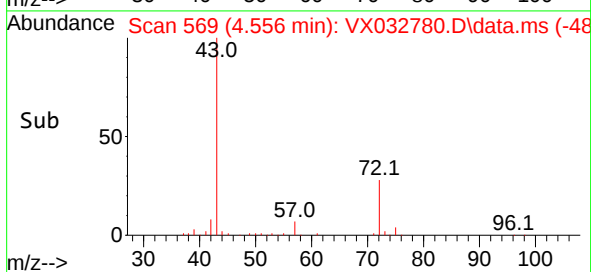
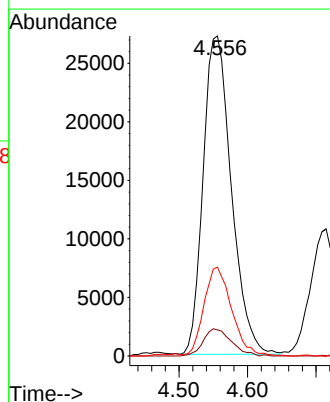
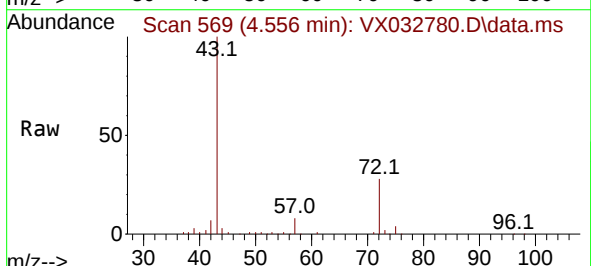
APPROVED

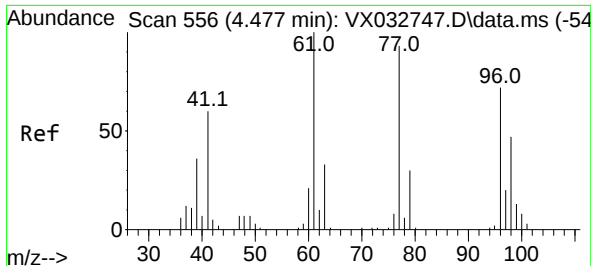
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#30
2-Butanone
Concen: 97.473 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

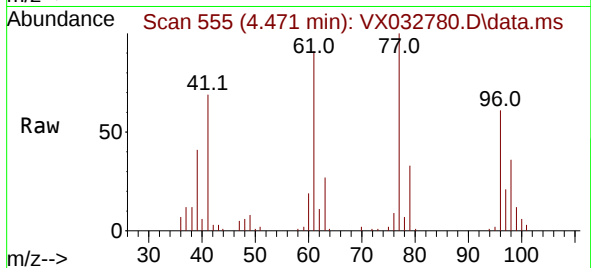
Tgt Ion: 43 Resp: 77978
Ion Ratio Lower Upper
43 100
57 8.4 7.5 11.3
72 27.3 26.6 39.8





#31
2,2-Dichloropropane
Concen: 23.455 ug/l
RT: 4.471 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

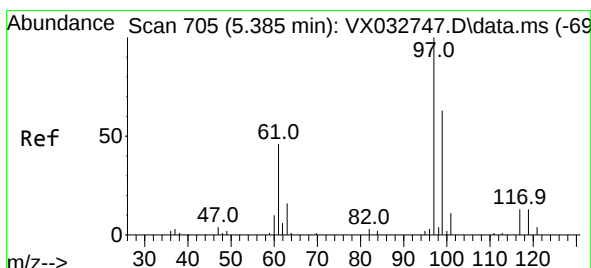
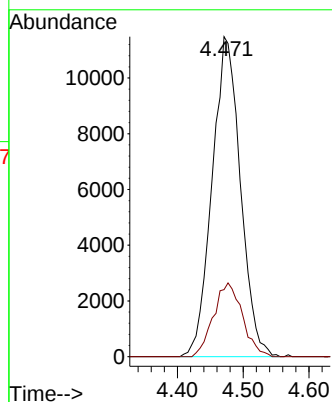
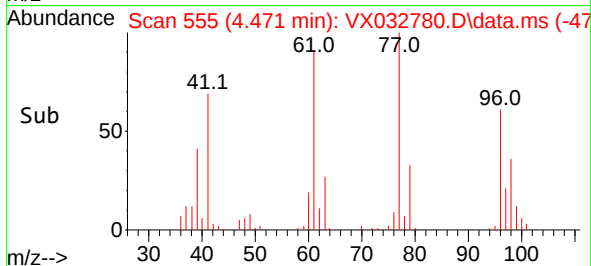
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



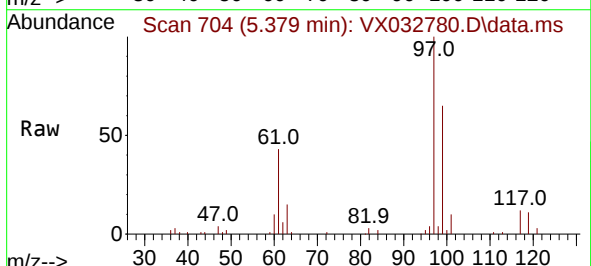
Tgt Ion: 77 Resp: 3441
Ion Ratio Lower Upper
77 100
97 23.5 20.0 30.0

Manual Integrations
APPROVED

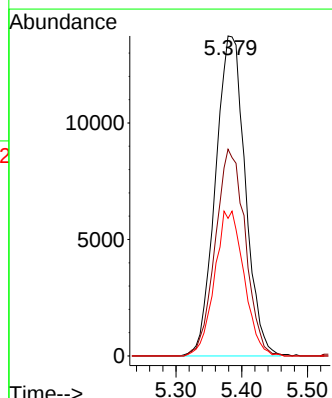
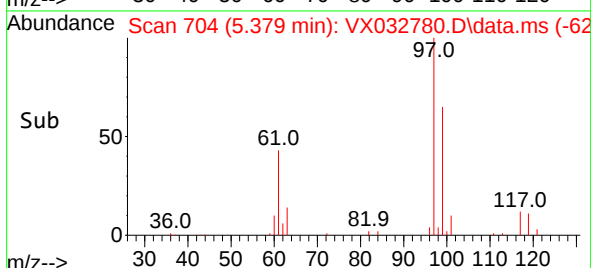
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

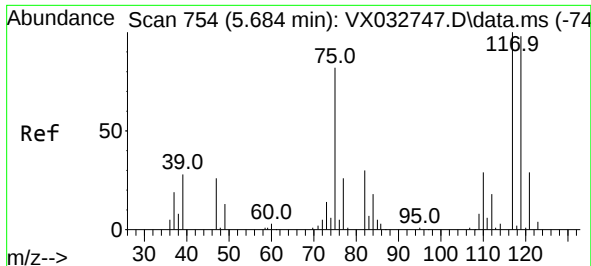


#32
1,1,1-Trichloroethane
Concen: 20.066 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



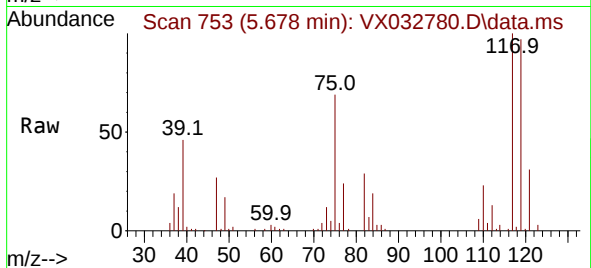
Tgt Ion: 97 Resp: 43306
Ion Ratio Lower Upper
97 100
99 64.9 53.8 80.6
61 44.7 31.3 46.9





#33
Carbon Tetrachloride
Concen: 20.021 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

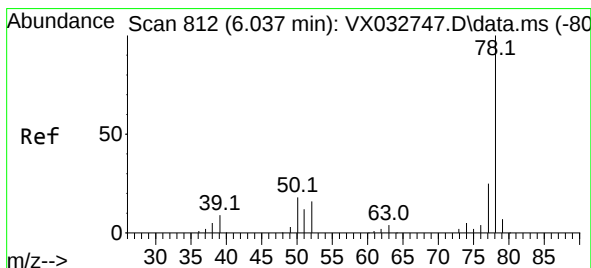
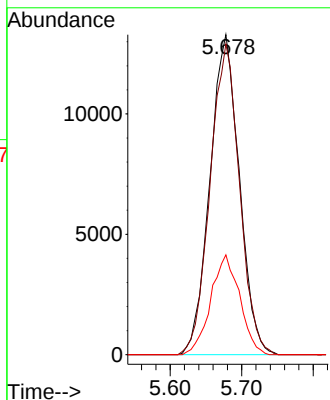
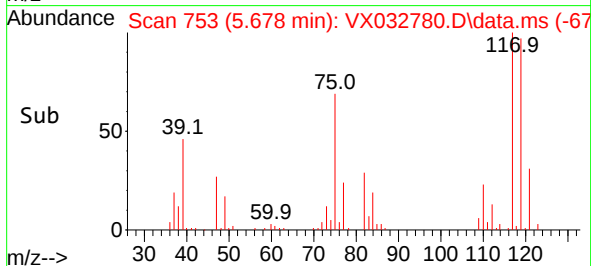
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 37939
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 31.2 24.4 36.6

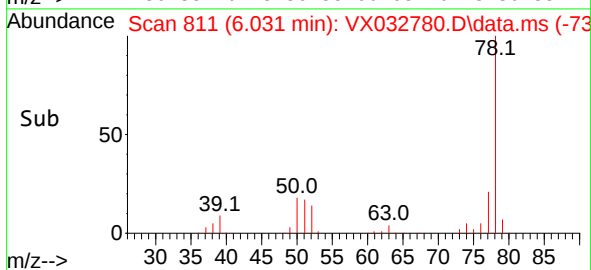
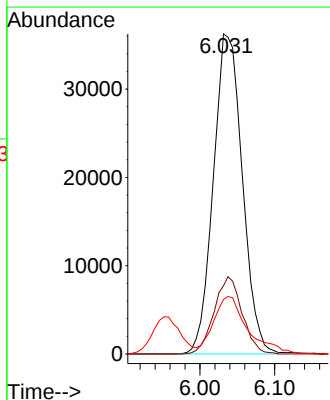
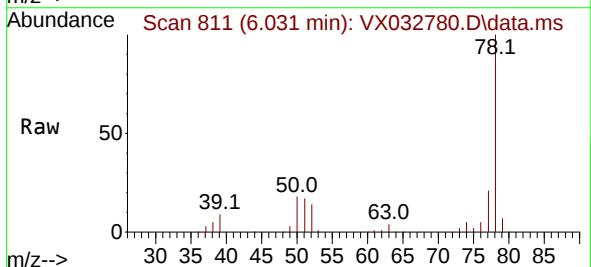
Manual Integrations
APPROVED

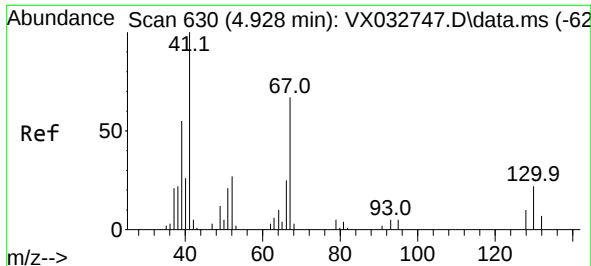
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#34
Benzene
Concen: 20.238 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

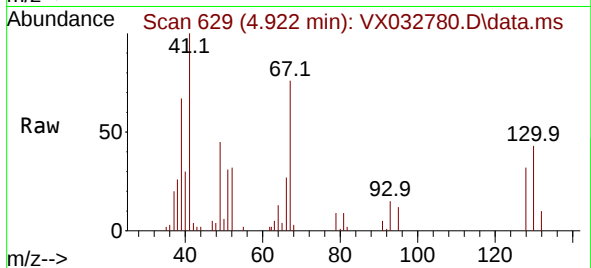
Tgt Ion: 78 Resp: 97833
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.6
51 14.7 10.6 15.8





#35
Methacrylonitrile
Concen: 19.406 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

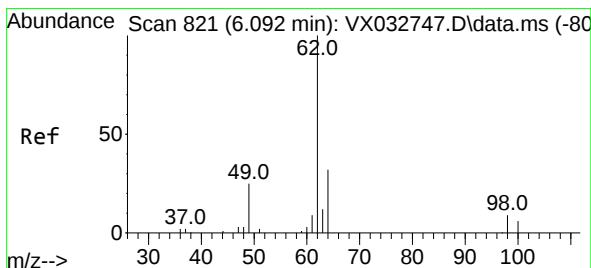
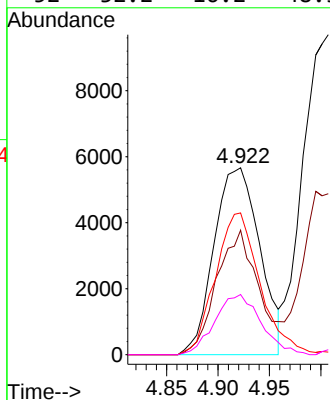
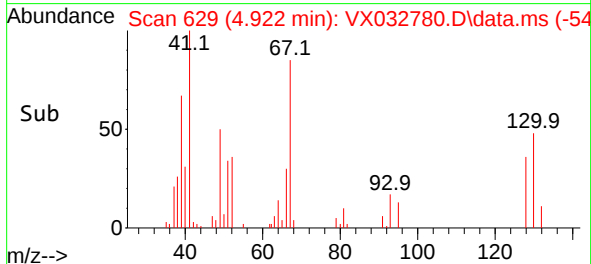
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41	Resp: 1758
Ion Ratio	Lower Upper
41 100	
39 66.6	26.9 80.7
67 75.9	40.6 121.8
52 32.2	16.2 48.5

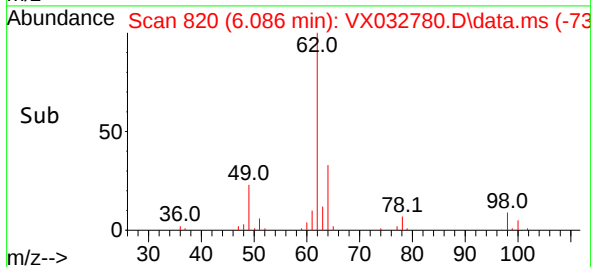
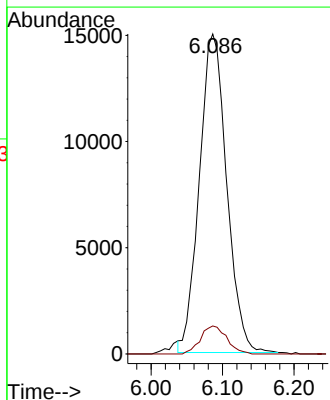
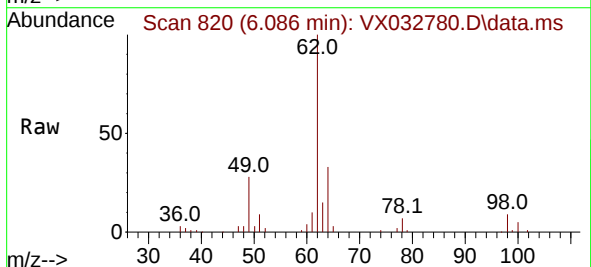
Manual Integrations
APPROVED

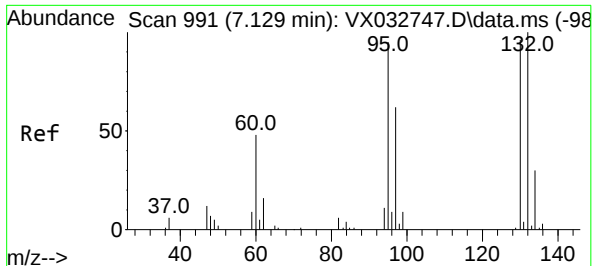
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#36
1,2-Dichloroethane
Concen: 19.995 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 62	Resp: 39792
Ion Ratio	Lower Upper
62 100	
98 8.4	8.8 13.2#





#37

Trichloroethene

Concen: 20.716 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 2801

Ion Ratio Lower Upper

130 100

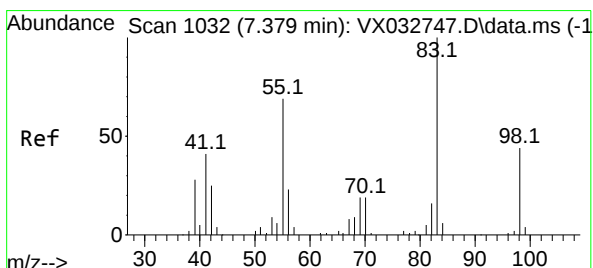
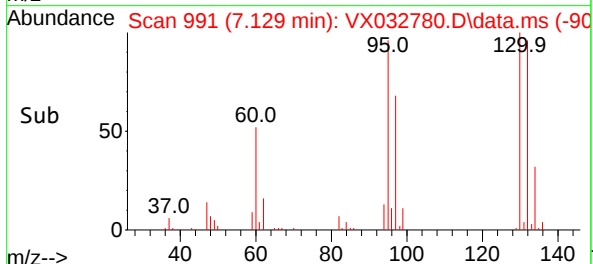
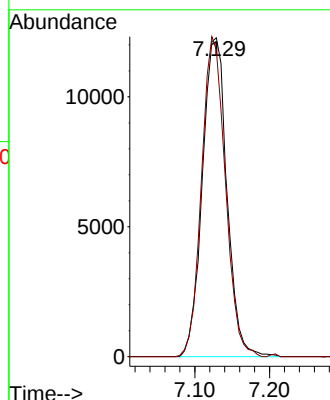
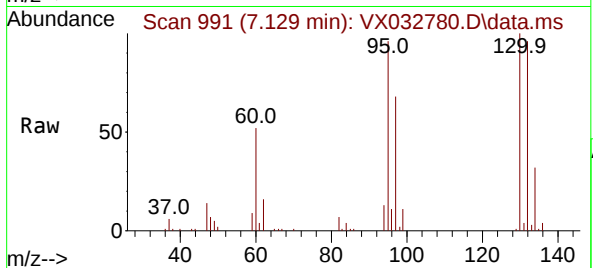
95 96.1 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Methylcyclohexane

Concen: 21.181 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

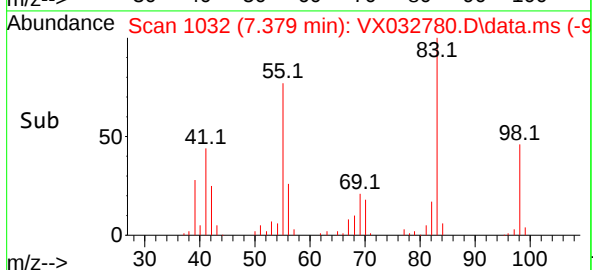
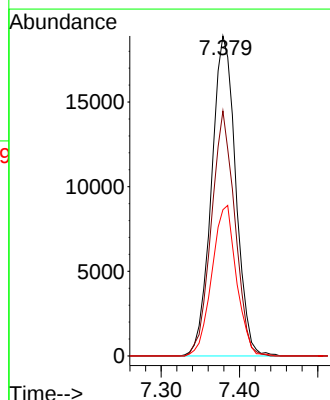
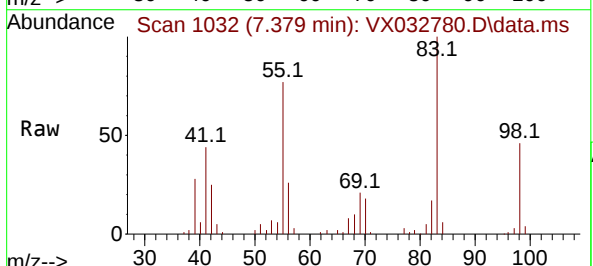
Tgt Ion: 83 Resp: 40716

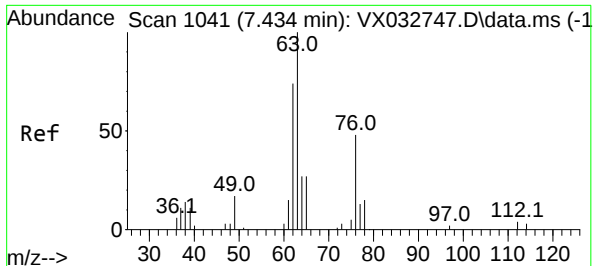
Ion Ratio Lower Upper

83 100

55 73.8 31.6 94.7

98 47.5 26.9 80.6





#39

1,2-Dichloropropane

Concen: 20.420 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2498

Ion Ratio Lower Upper

63 100

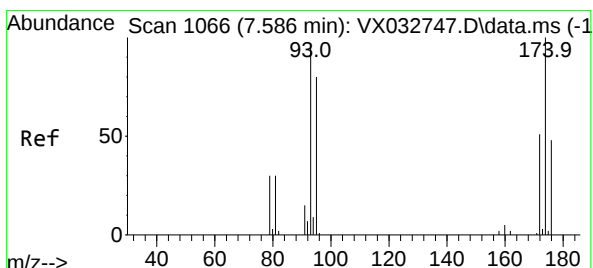
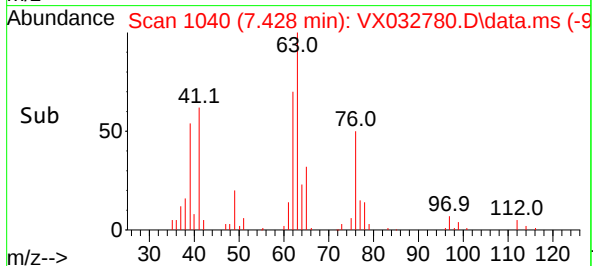
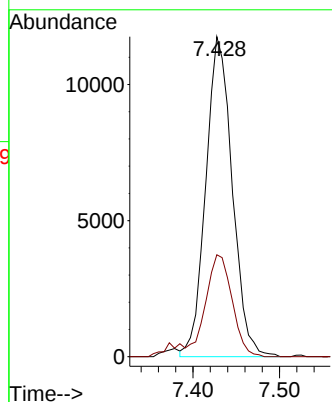
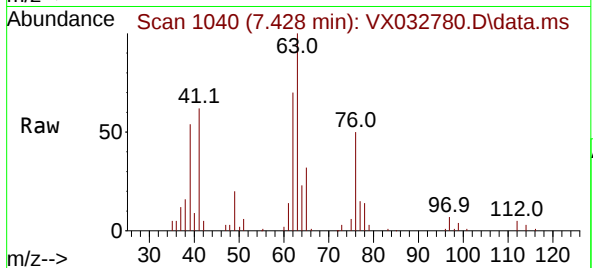
65 31.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Dibromomethane

Concen: 20.247 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

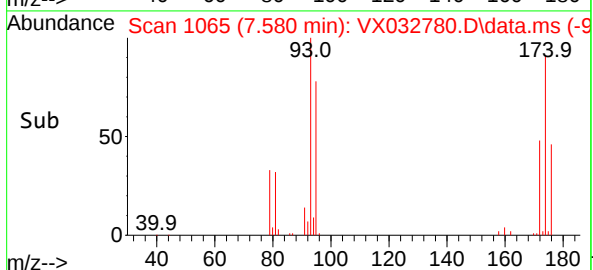
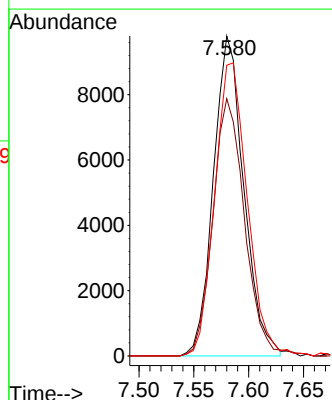
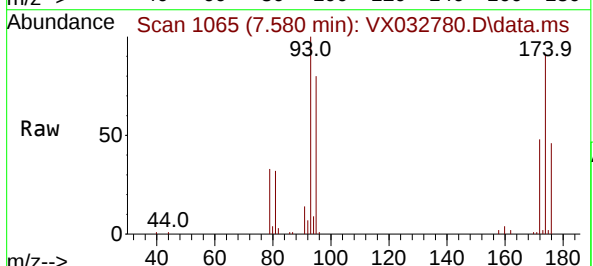
Tgt Ion: 93 Resp: 18916

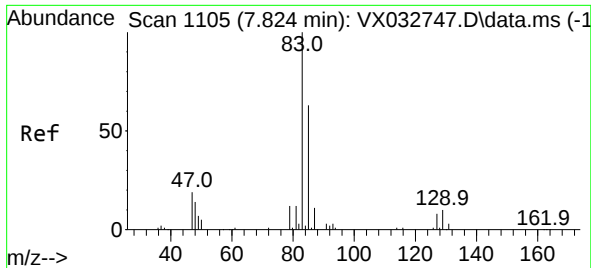
Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.0

174 98.2 0.0 205.2





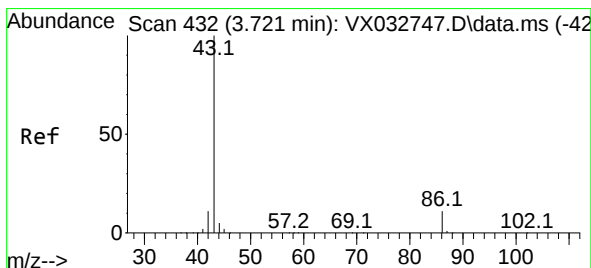
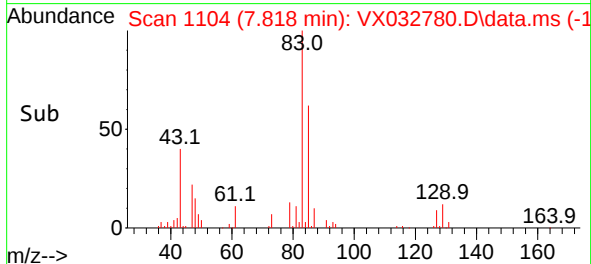
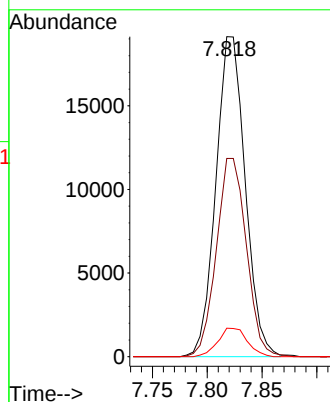
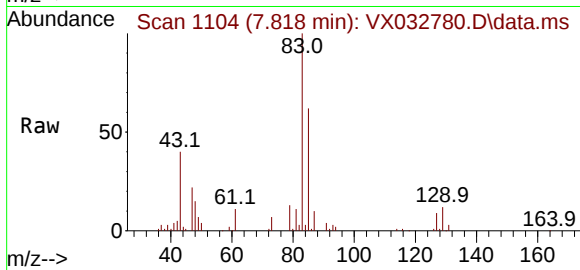
#41
Bromodichloromethane
Concen: 20.018 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3564
Ion Ratio Lower Upper
83 100
85 61.9 52.3 78.5
127 8.9 6.8 10.2

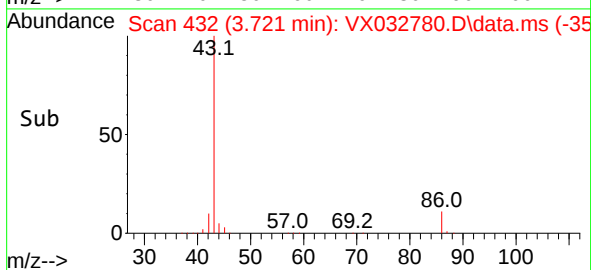
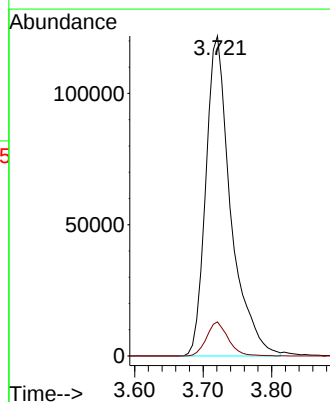
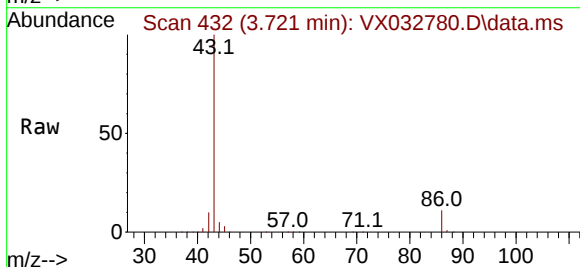
Manual Integrations
APPROVED

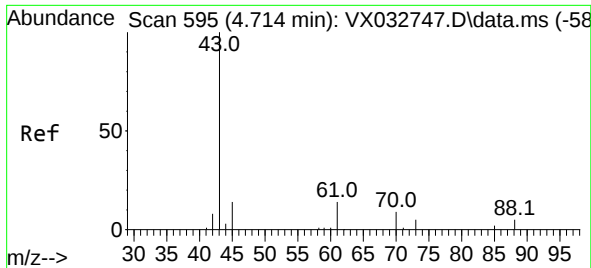
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#42
Vinyl Acetate
Concen: 100.506 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 43 Resp: 308954
Ion Ratio Lower Upper
43 100
86 9.2 10.3 15.5#





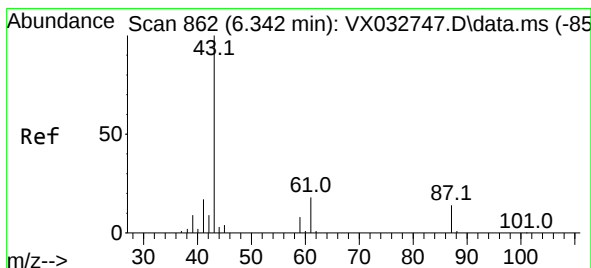
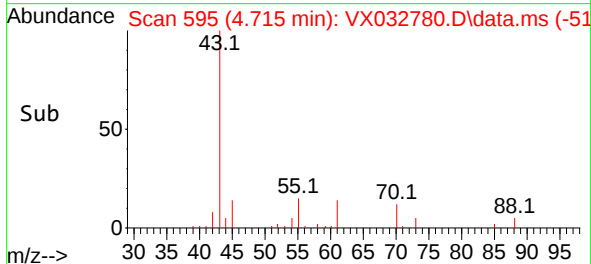
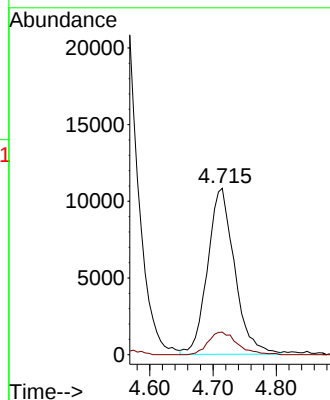
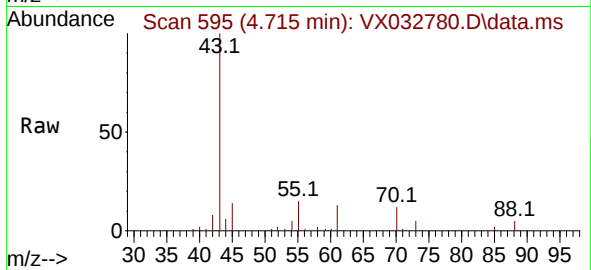
#43
Ethyl Acetate
Concen: 19.957 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 32110
Ion Ratio Lower Upper
43 100
45 14.6 8.2 12.2

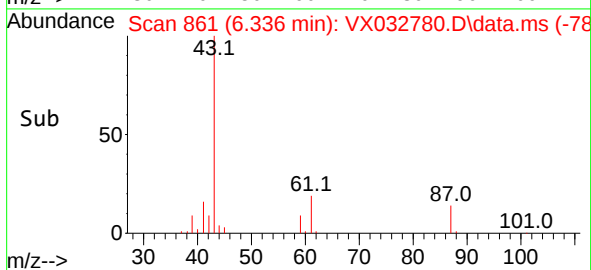
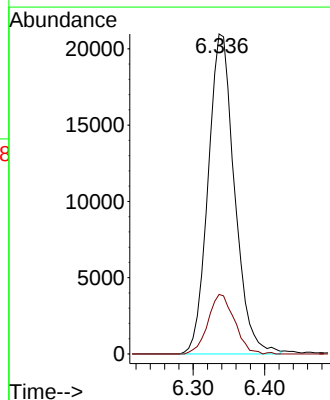
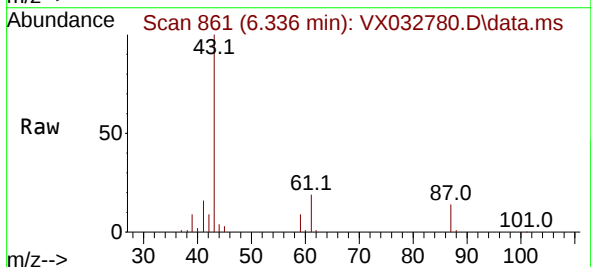
Manual Integrations
APPROVED

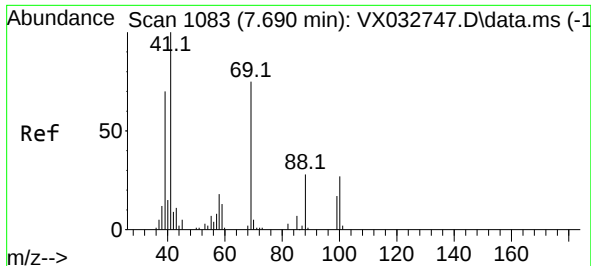
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#44
Isopropyl Acetate
Concen: 19.980 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

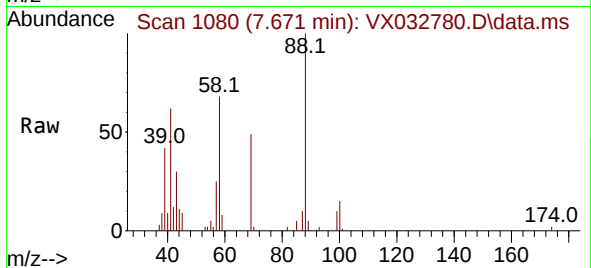
Tgt Ion: 43 Resp: 53883
Ion Ratio Lower Upper
43 100
61 18.5 17.2 25.8





#45
1,4-Dioxane
Concen: 343.961 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.018 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

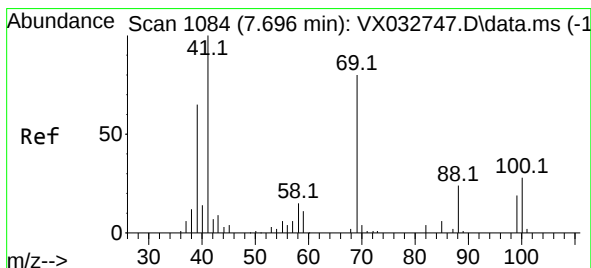
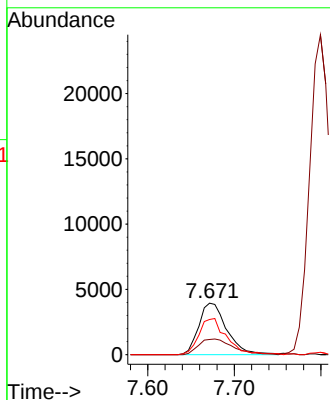
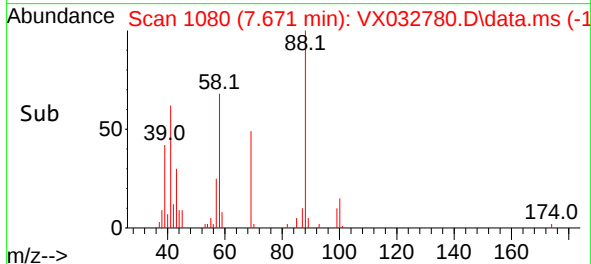
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 8910
Ion Ratio Lower Upper
88 100
43 36.8 20.4 30.6
58 68.2 44.0 66.0

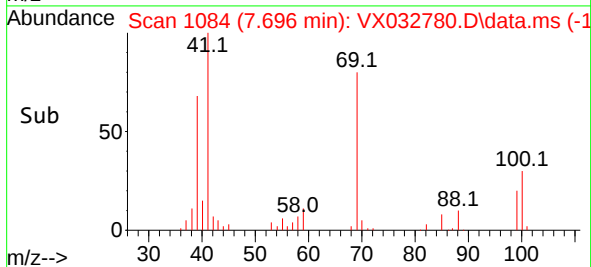
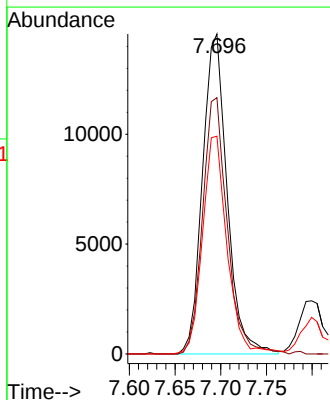
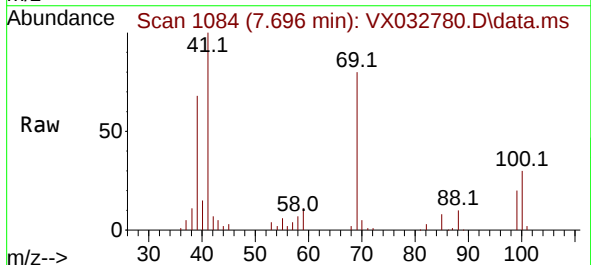
Manual Integrations
APPROVED

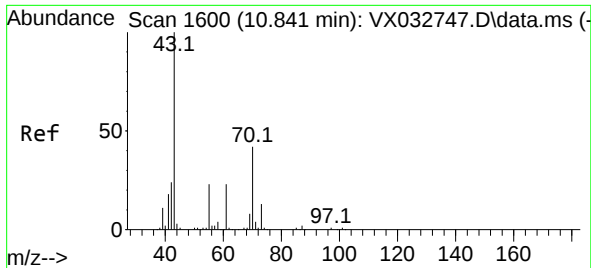
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#46
Methyl methacrylate
Concen: 20.075 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

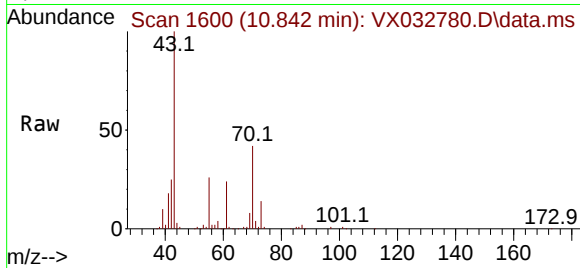
Tgt Ion: 41 Resp: 27255
Ion Ratio Lower Upper
41 100
69 80.1 50.5 151.5
39 67.7 34.6 103.8





#47
n-amy1 Acetate
Concen: 19.924 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

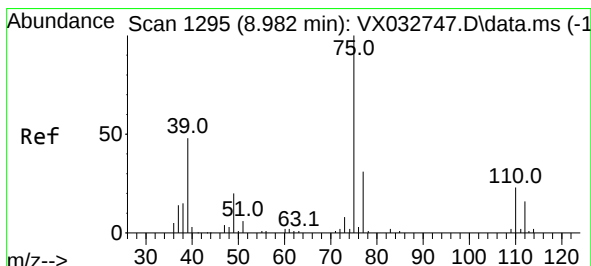
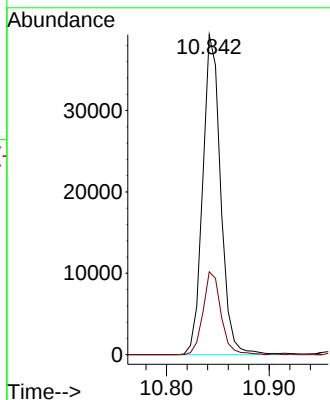
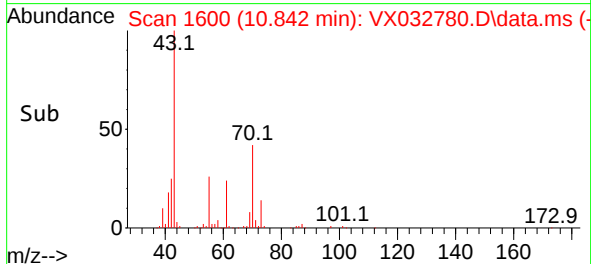
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 4776
Ion Ratio Lower Upper
43 100
55 25.9 21.6 32.4

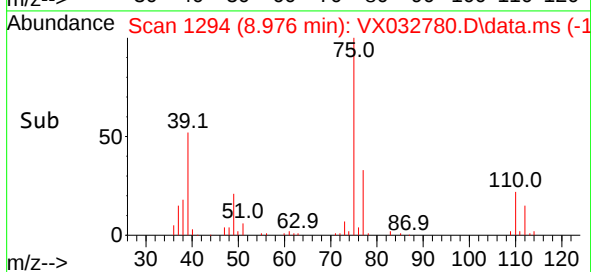
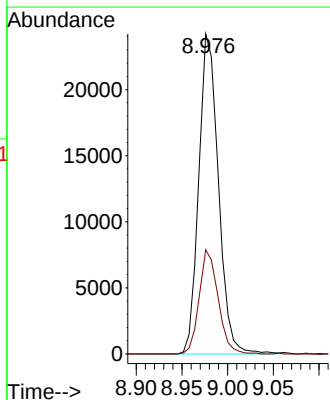
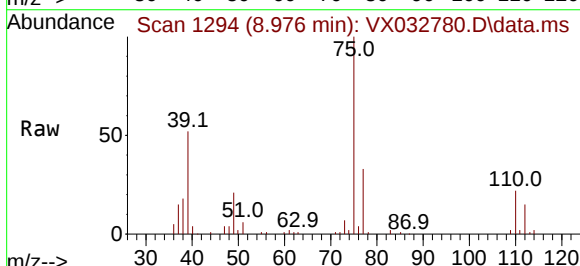
Manual Integrations
APPROVED

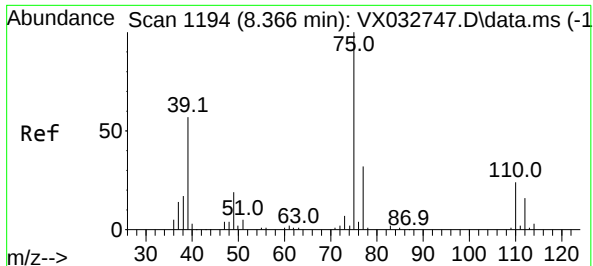
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#48
t-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 75 Resp: 36187
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 20.331 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 39219

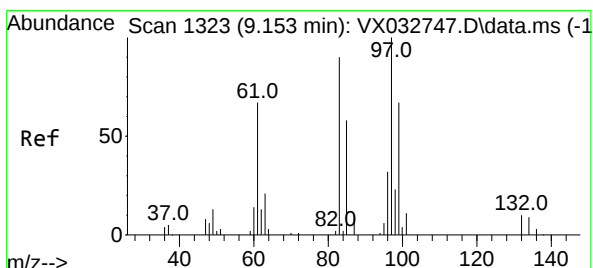
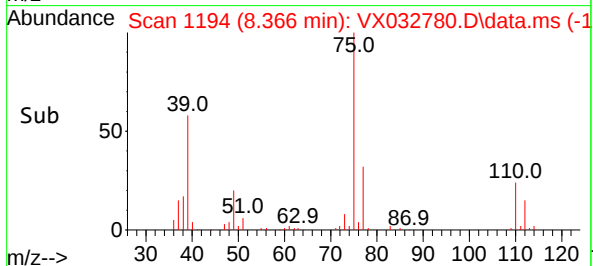
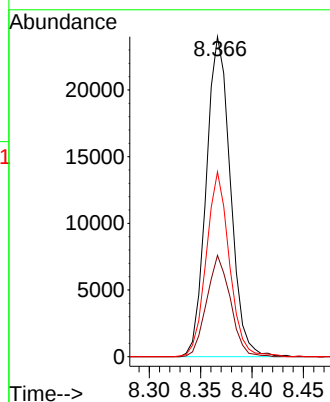
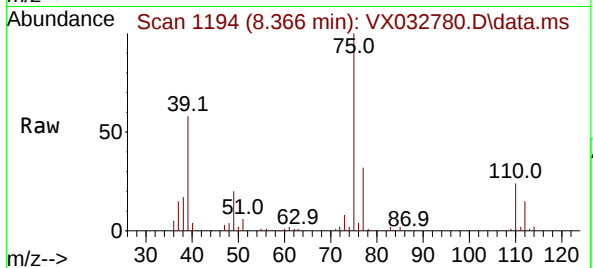
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	57.5	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

1,1,2-Trichloroethane

Concen: 20.438 ug/l

RT: 9.153 min Scan# 1323

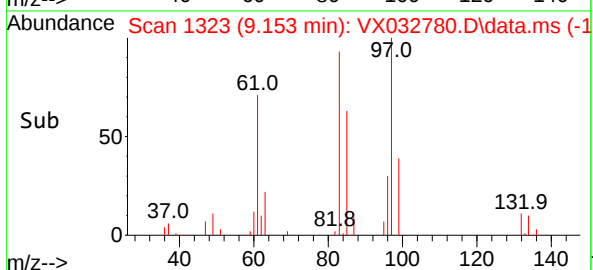
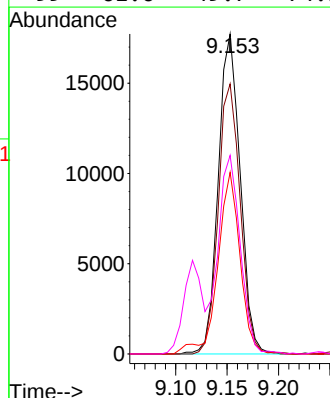
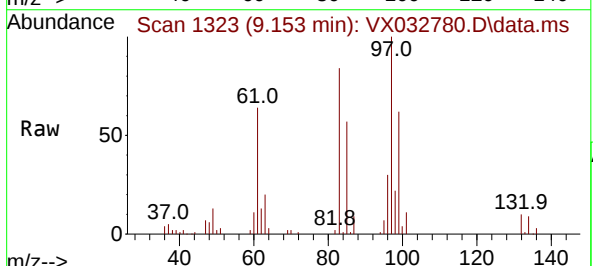
Delta R.T. 0.000 min

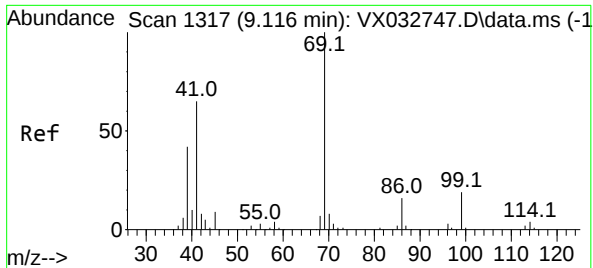
Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion: 97 Resp: 26254

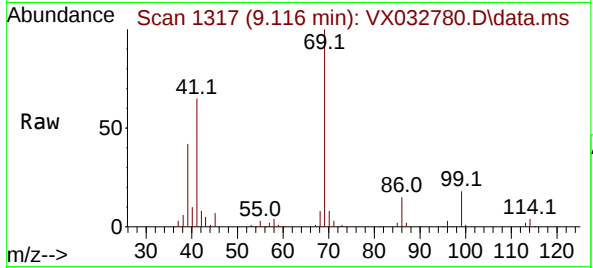
Ion	Ratio	Lower	Upper
97	100		
83	84.4	62.2	93.4
85	56.3	44.2	66.2
99	61.6	49.7	74.5





#51
Ethyl methacrylate
Concen: 19.991 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

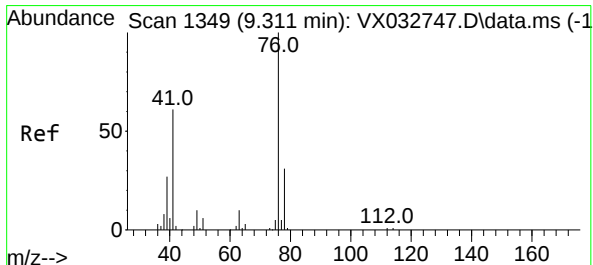
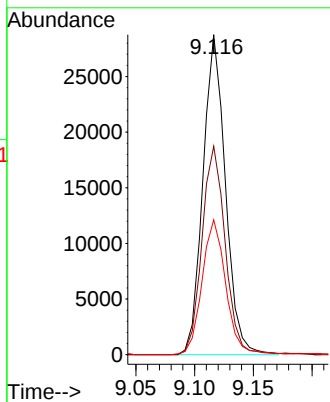
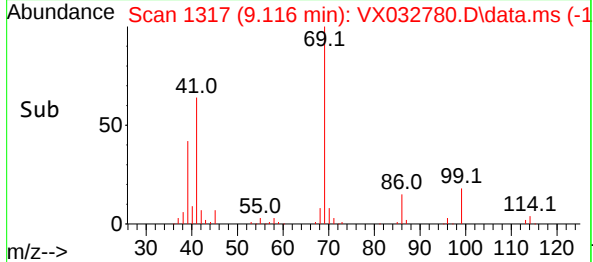
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 3835
Ion Ratio Lower Upper
69 100
41 65.2 25.9 77.7
39 41.8 17.8 53.3

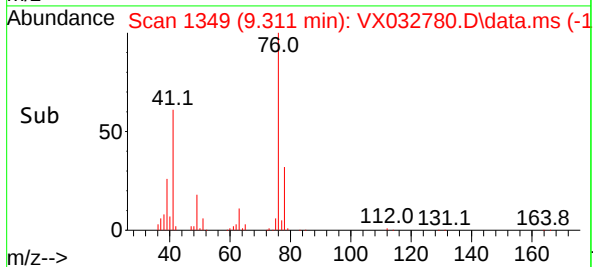
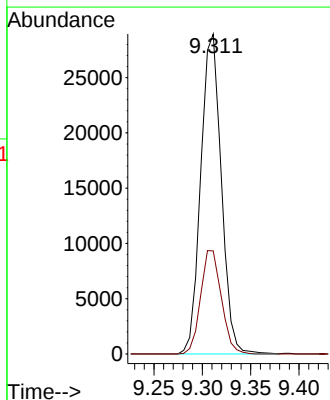
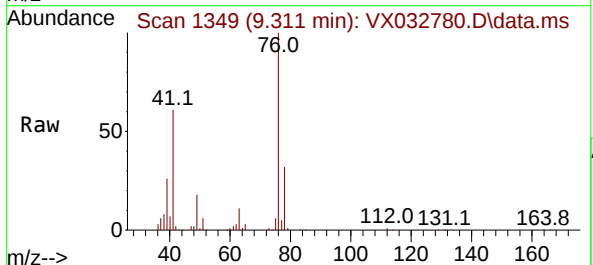
Manual Integrations
APPROVED

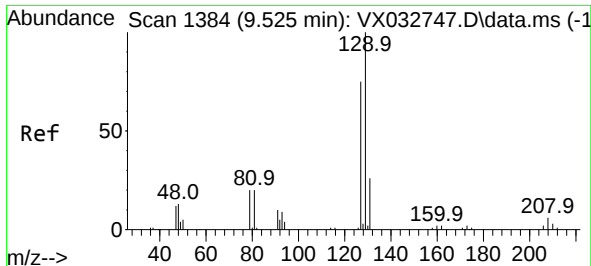
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
1,3-Dichloropropane
Concen: 20.425 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 76 Resp: 42895
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.0





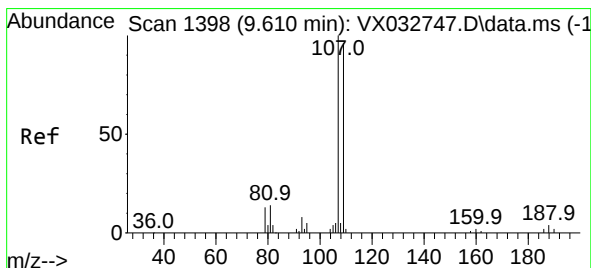
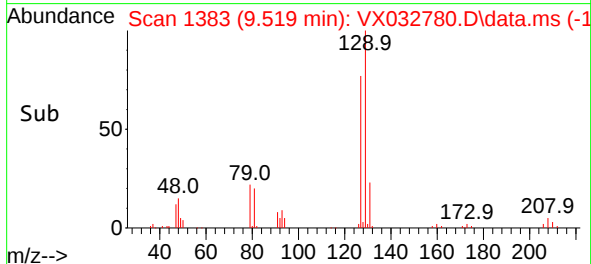
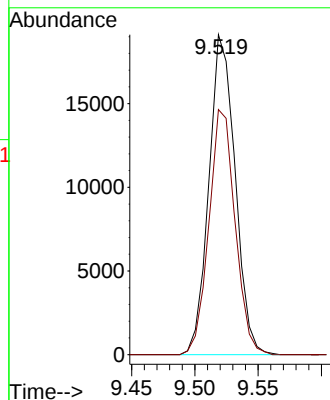
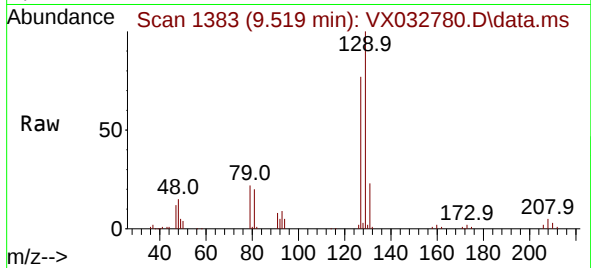
#53
Dibromochloromethane
Concen: 19.722 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 2755
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

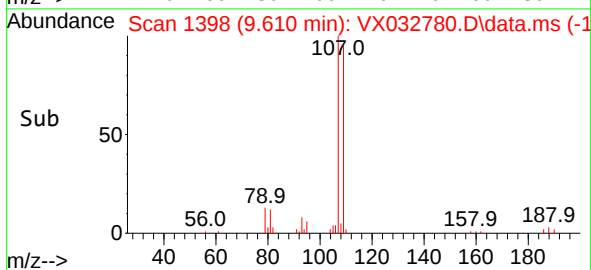
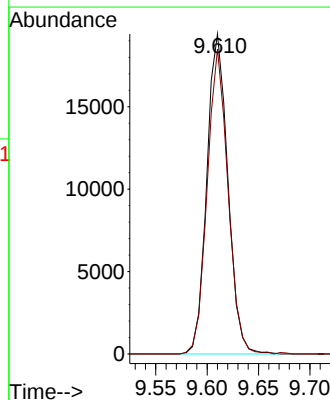
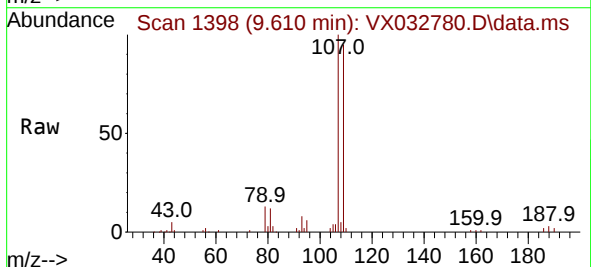
Manual Integrations
APPROVED

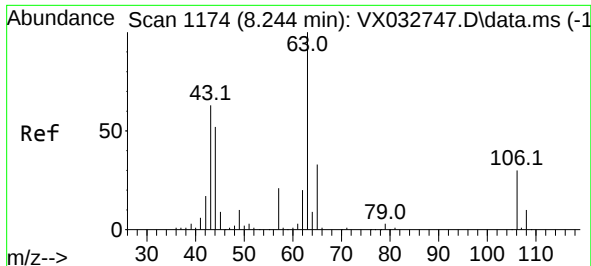
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#54
1,2-Dibromoethane
Concen: 19.931 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion:107 Resp: 27578
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6





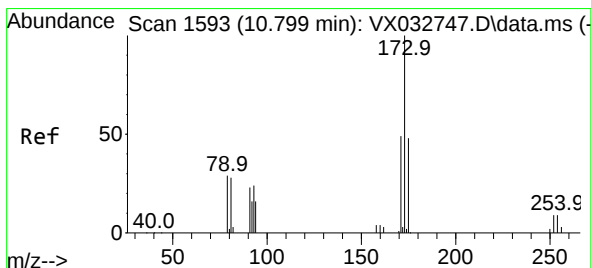
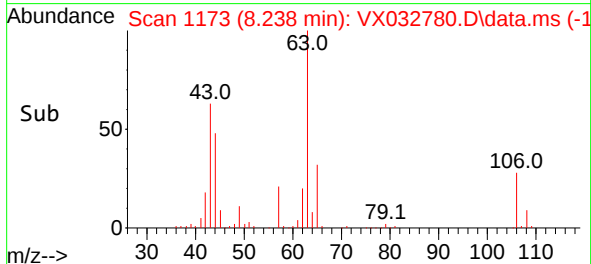
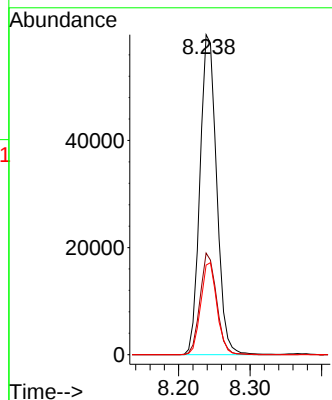
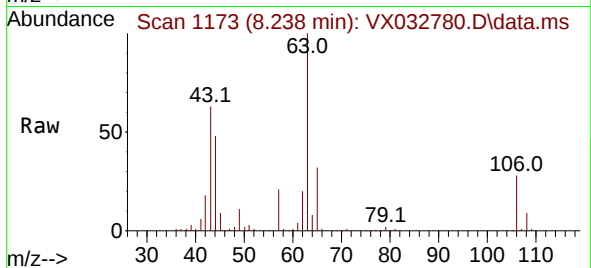
#55
2-Chloroethyl vinyl ether
Concen: 104.307 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 96702
Ion Ratio Lower Upper
63 100
65 31.2 25.5 38.3
106 28.0 28.9 43.3

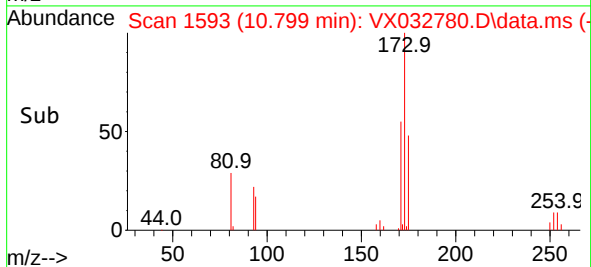
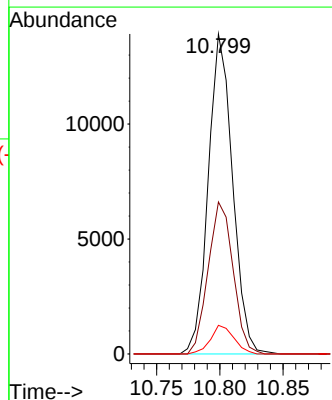
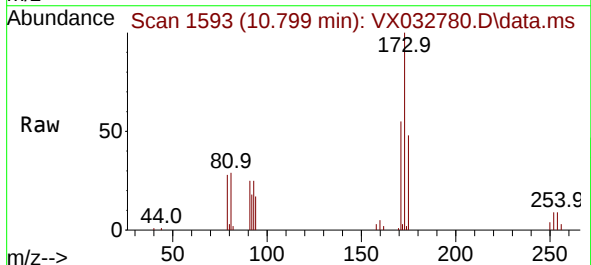
Manual Integrations
APPROVED

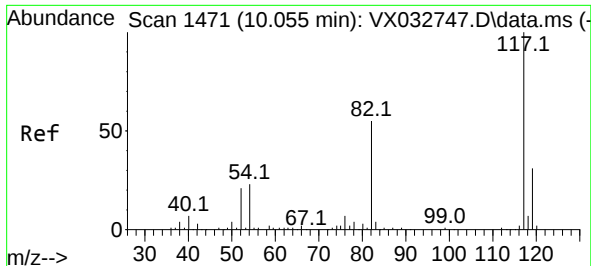
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#56
Bromoform
Concen: 18.611 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion:173 Resp: 18614
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 8.6 6.8 10.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 84454

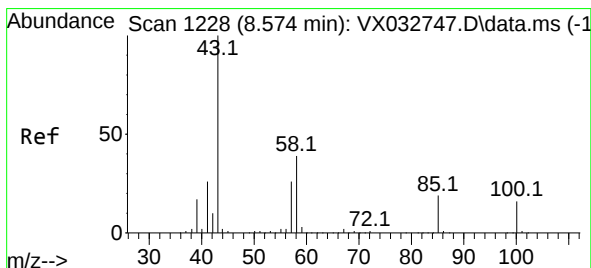
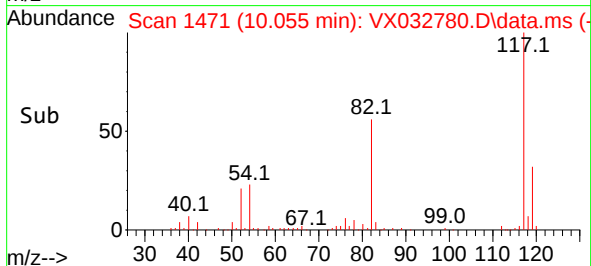
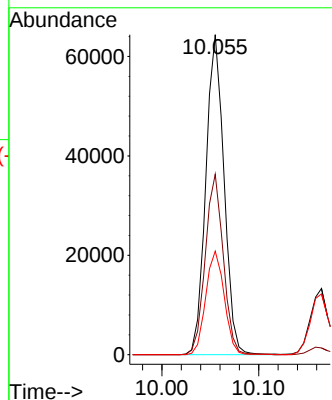
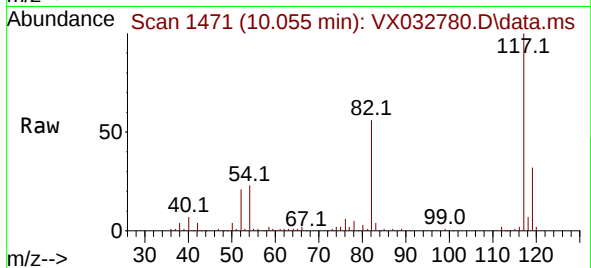
Ion	Ratio	Lower	Upper
117	100		
82	55.9	40.0	60.0
119	32.9	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

4-Methyl-2-Pentanone

Concen: 101.959 ug/l

RT: 8.574 min Scan# 1228

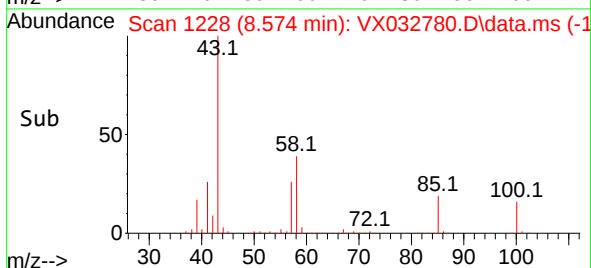
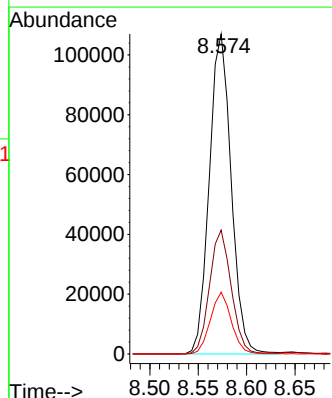
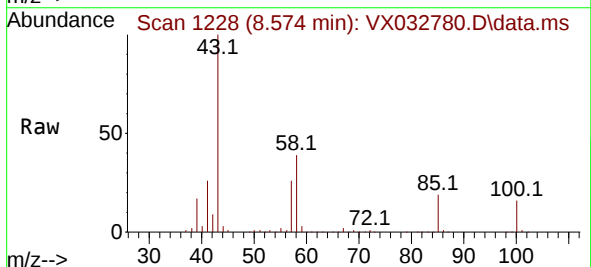
Delta R.T. 0.000 min

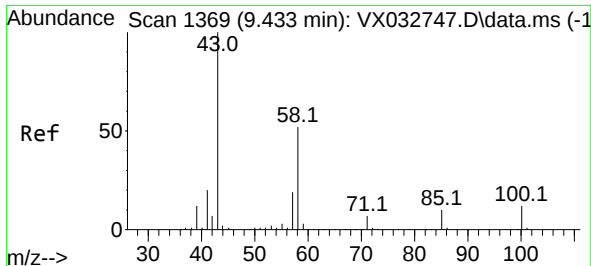
Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion: 43 Resp: 168563

Ion	Ratio	Lower	Upper
43	100		
58	38.3	34.9	52.3
85	18.4	19.4	29.2





#59

2-Hexanone

Concen: 101.556 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 123618

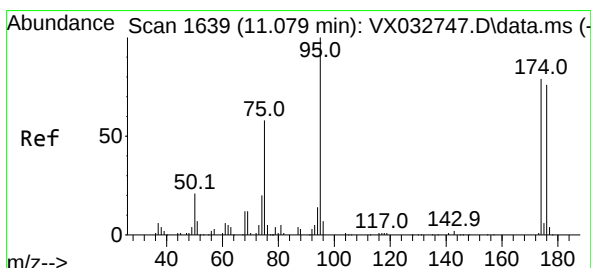
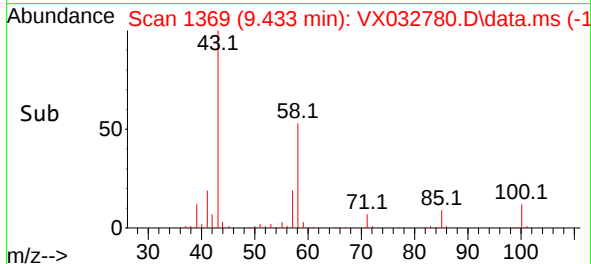
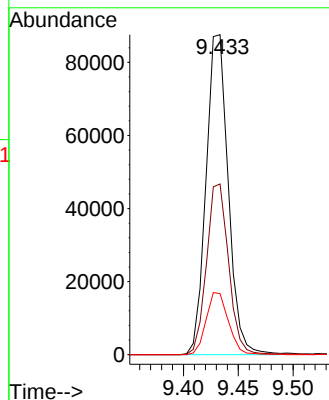
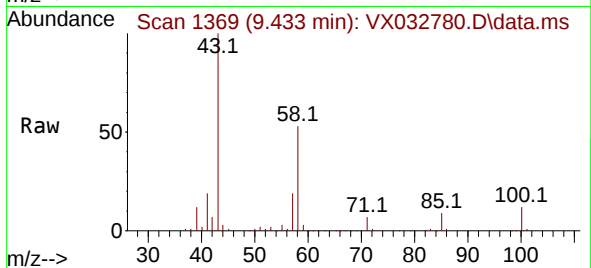
Ion	Ratio	Lower	Upper
43	100		
58	53.2	49.0	73.6
57	19.5	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#60

4-Bromofluorobenzene

Concen: 29.651 ug/l

RT: 11.079 min Scan# 1639

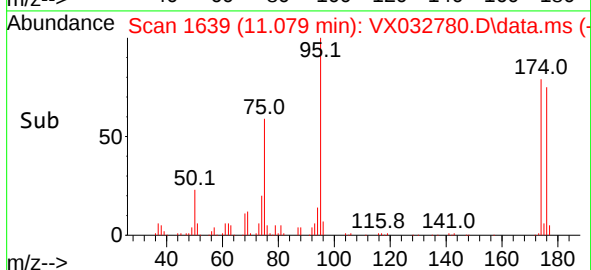
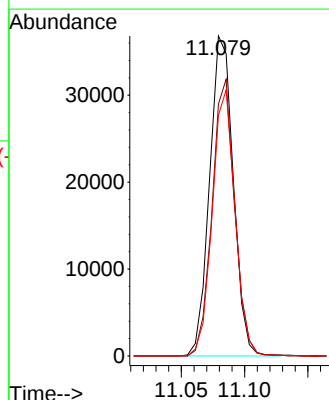
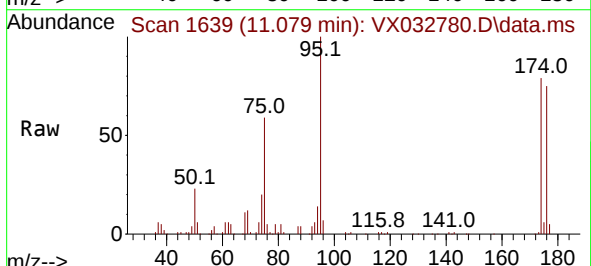
Delta R.T. 0.000 min

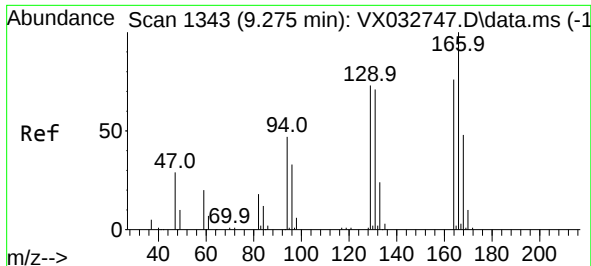
Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion: 95 Resp: 47901

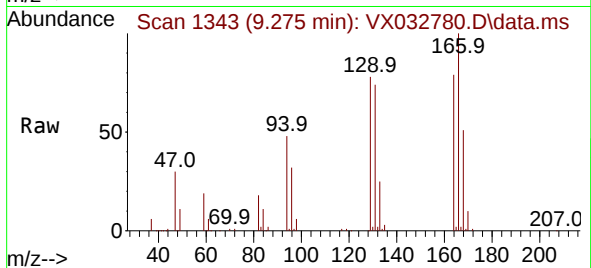
Ion	Ratio	Lower	Upper
95	100		
174	82.5	68.2	102.2
176	79.7	68.1	102.1





#61
Tetrachloroethene
Concen: 20.424 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

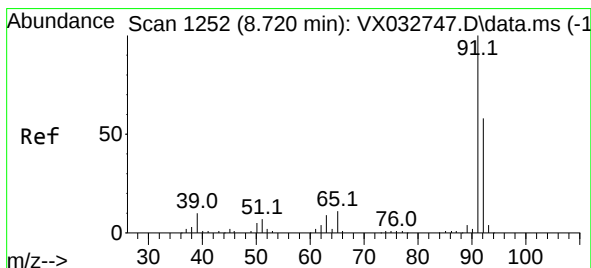
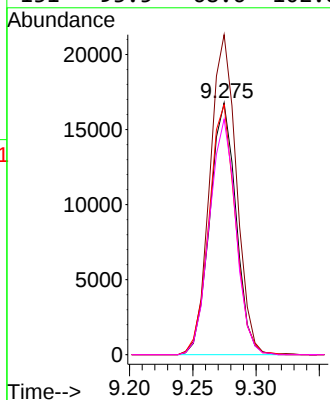
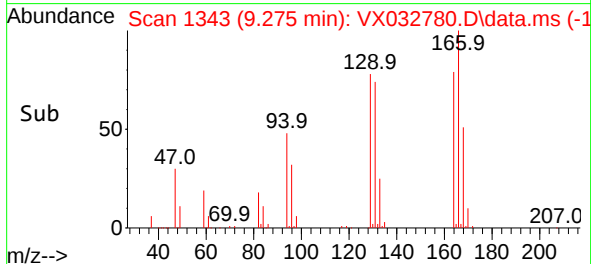
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 24100
Ion Ratio Lower Upper
164 100
166 127.1 102.8 154.2
129 99.3 73.0 109.4
131 93.5 68.6 102.8

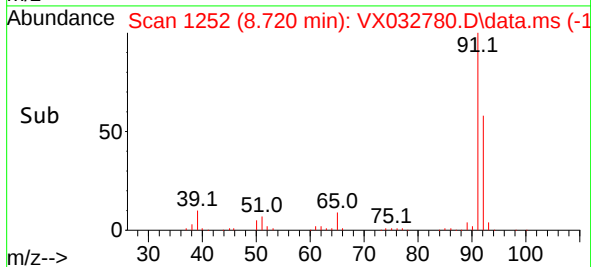
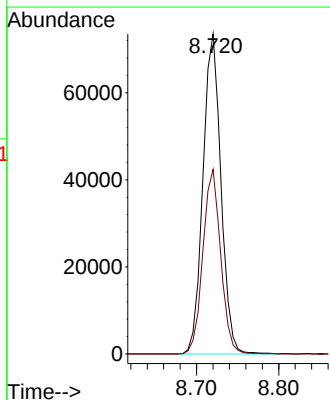
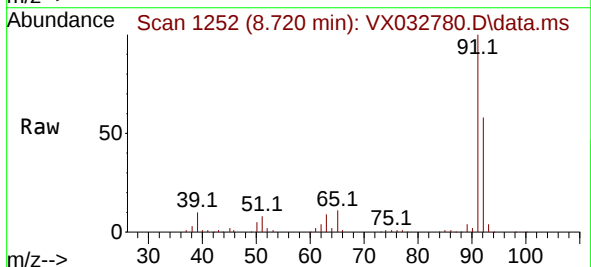
Manual Integrations
APPROVED

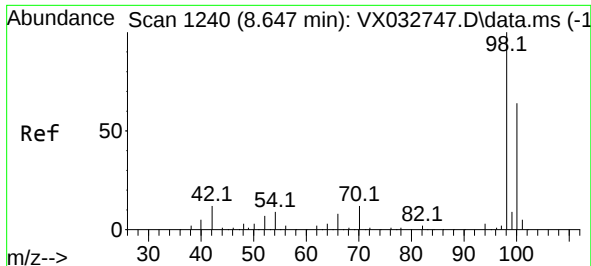
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#62
Toluene
Concen: 20.375 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

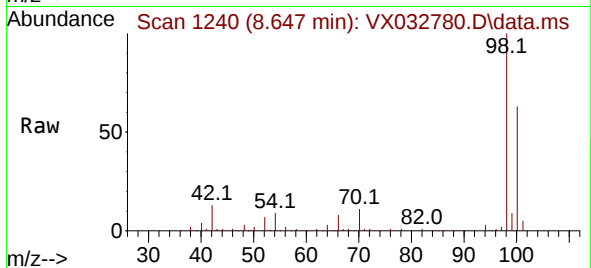
Tgt Ion: 91 Resp: 111907
Ion Ratio Lower Upper
91 100
92 57.0 47.3 70.9





#63
Toluene-d8
Concen: 30.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

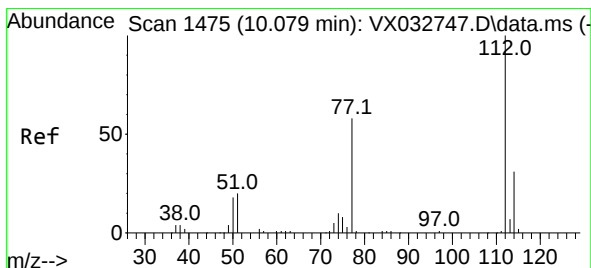
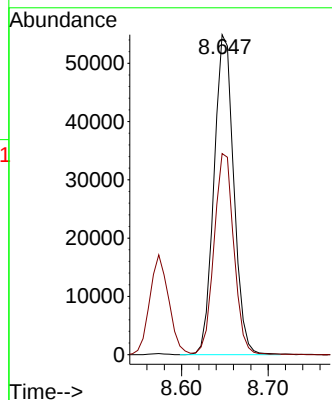
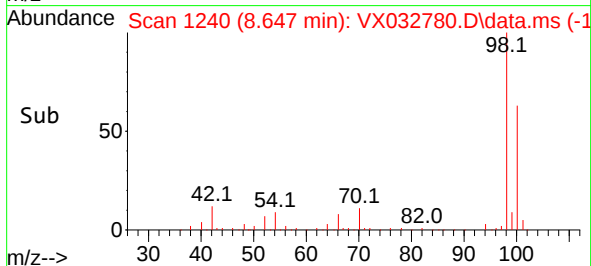
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



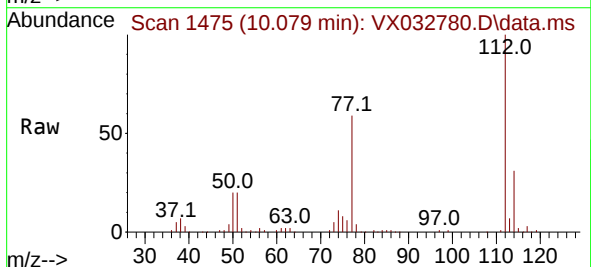
Tgt Ion: 98 Resp: 87048
Ion Ratio Lower Upper
98 100
100 62.8 53.8 80.8

Manual Integrations
APPROVED

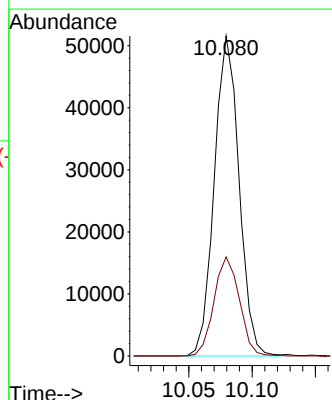
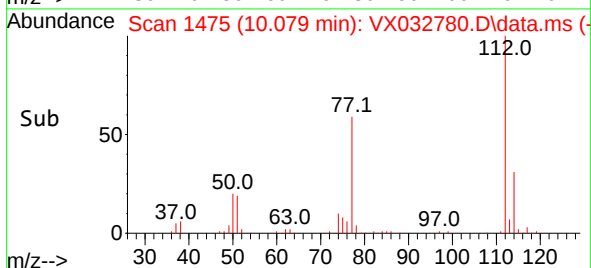
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

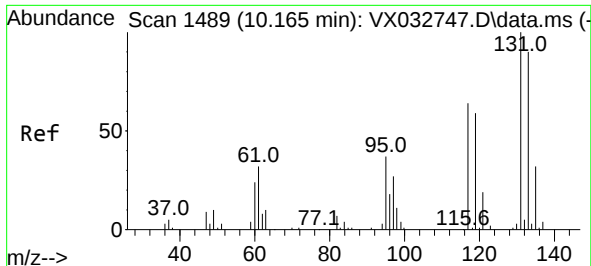


#64
Chlorobenzene
Concen: 20.619 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



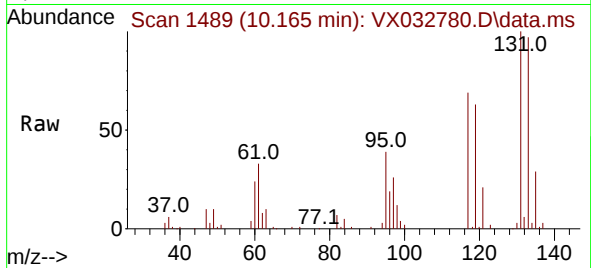
Tgt Ion:112 Resp: 70012
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 20.061 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

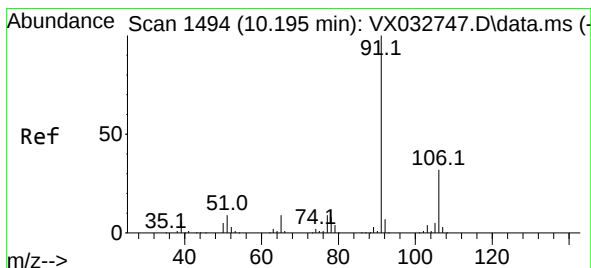
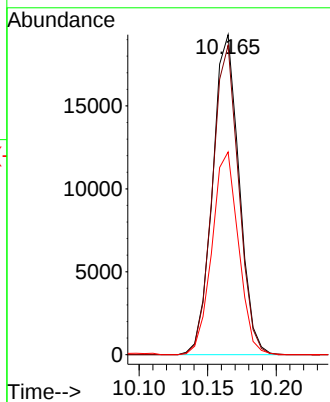
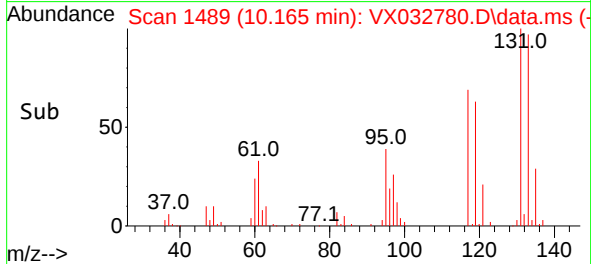
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 25949
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.4
119 63.2 0.0 127.0

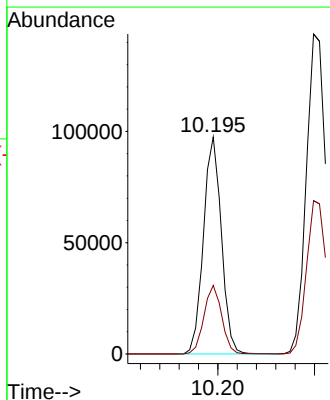
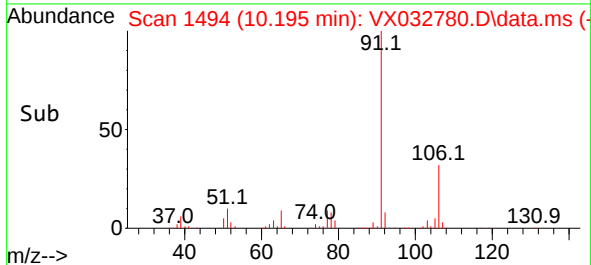
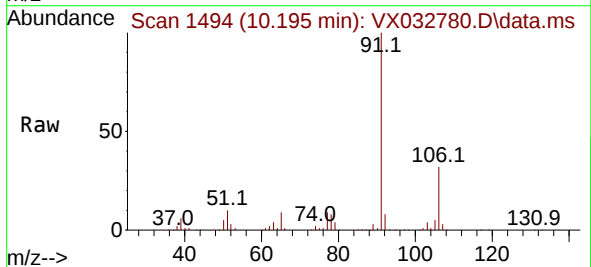
Manual Integrations
APPROVED

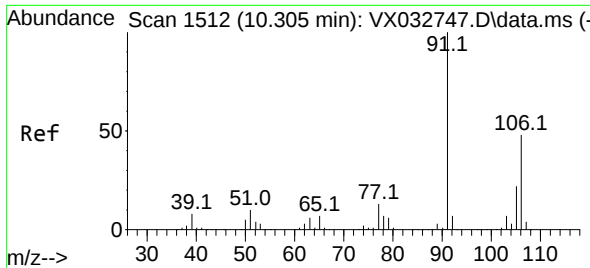
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
Ethyl Benzene
Concen: 20.453 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 91 Resp: 126022
Ion Ratio Lower Upper
91 100
106 31.6 26.7 40.1





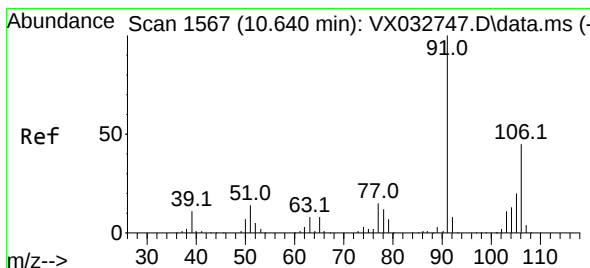
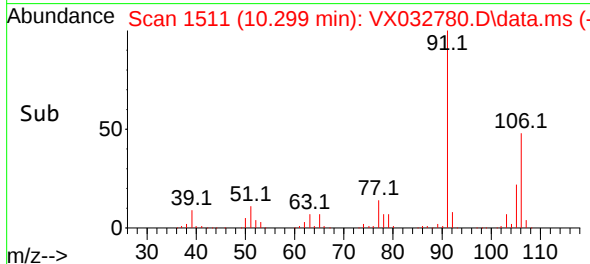
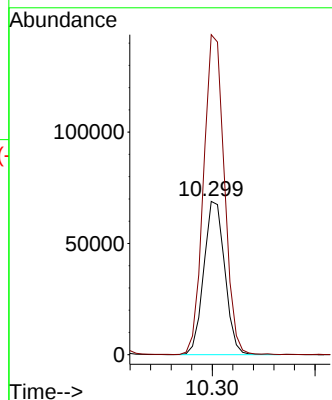
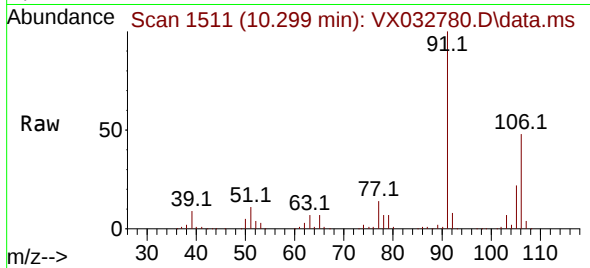
#67
m/p-Xylenes
Concen: 40.961 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 9820
Ion Ratio Lower Upper
106 100
91 206.4 152.3 228.5

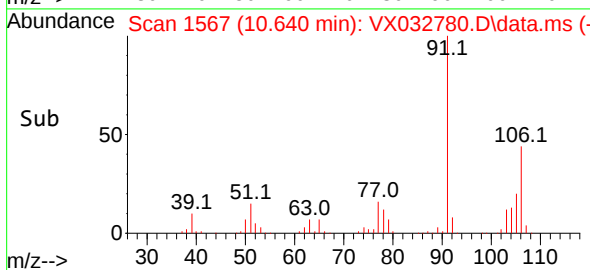
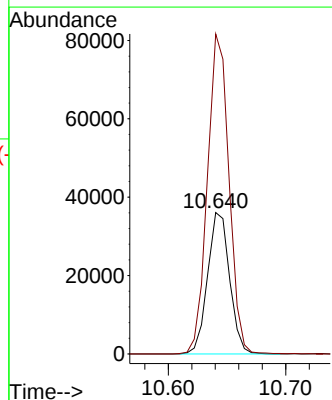
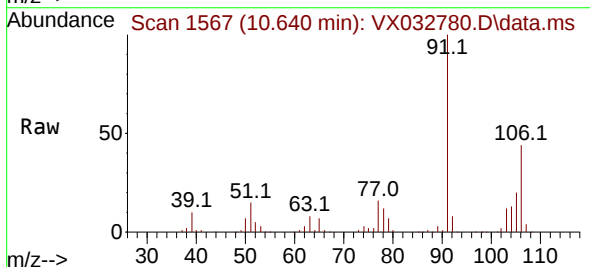
Manual Integrations
APPROVED

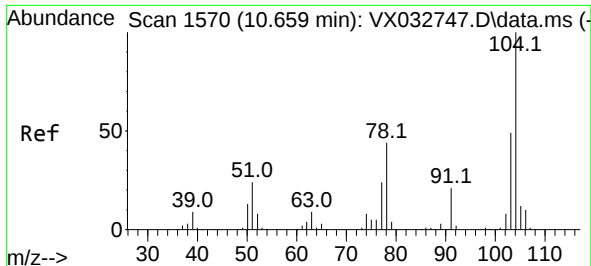
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#68
o-Xylene
Concen: 19.973 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

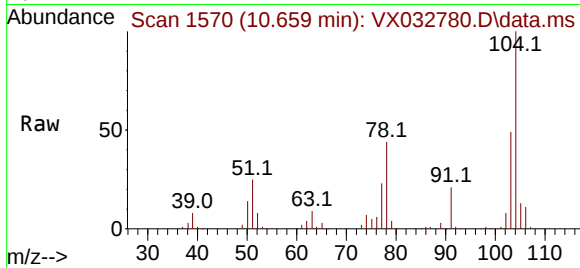
Tgt Ion:106 Resp: 46984
Ion Ratio Lower Upper
106 100
91 220.1 101.9 305.7





#69
Styrene
Concen: 20.271 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

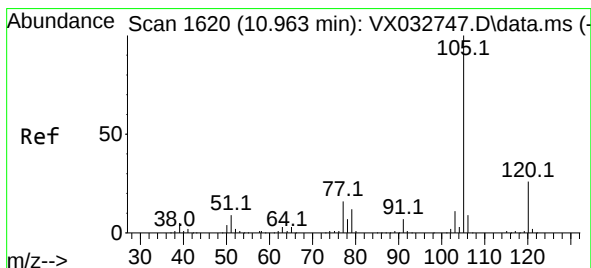
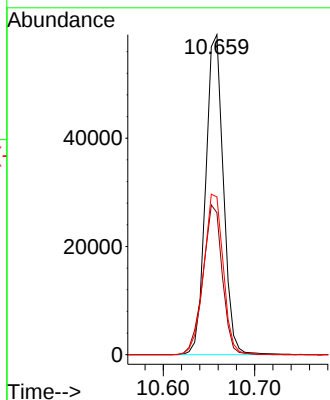
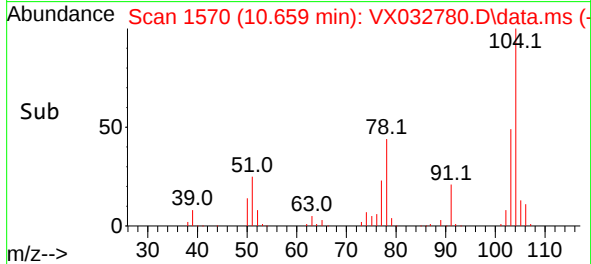
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



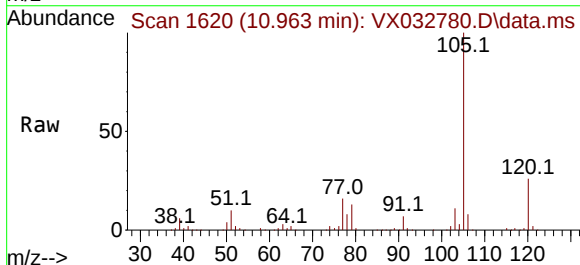
Tgt Ion:104 Resp: 79278
Ion Ratio Lower Upper
104 100
78 51.3 36.6 55.0
103 55.6 43.3 64.9

Manual Integrations
APPROVED

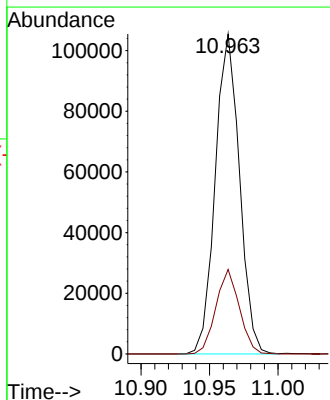
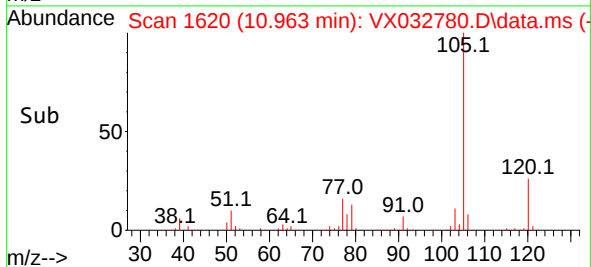
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

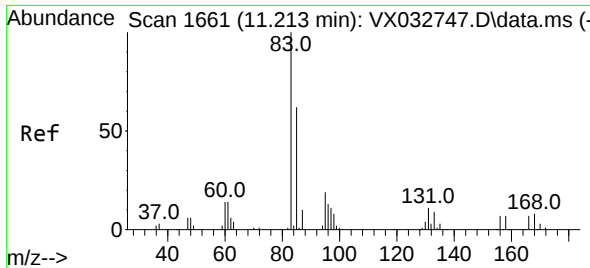


#70
Isopropylbenzene
Concen: 20.603 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



Tgt Ion:105 Resp: 129425
Ion Ratio Lower Upper
105 100
120 25.6 19.3 35.9





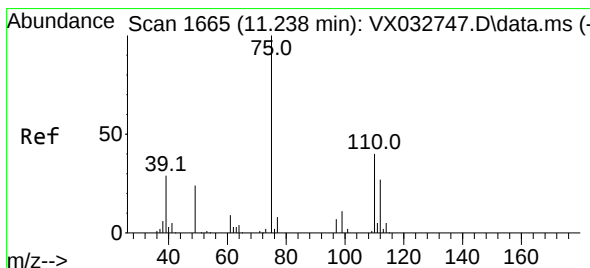
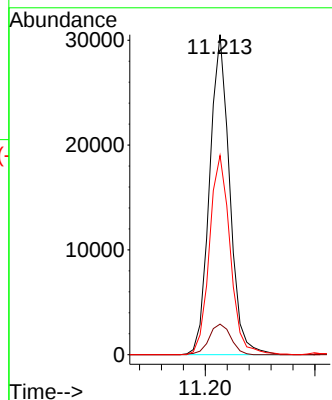
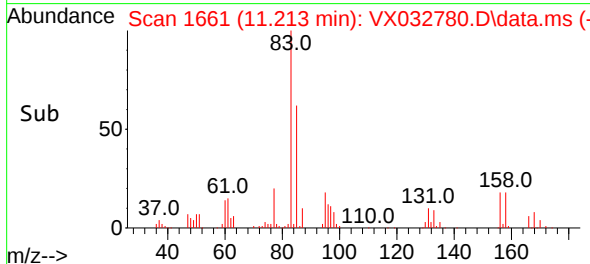
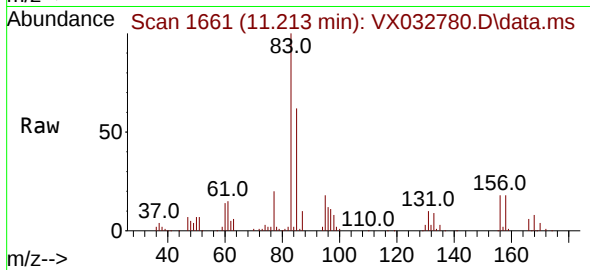
#71
1,1,2,2-Tetrachloroethane
Concen: 20.338 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 38745
Ion Ratio Lower Upper
83 100
131 10.4 6.0 18.1
85 64.5 32.8 98.3

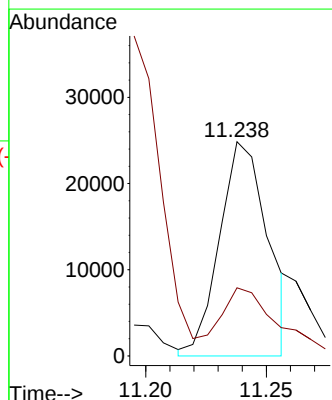
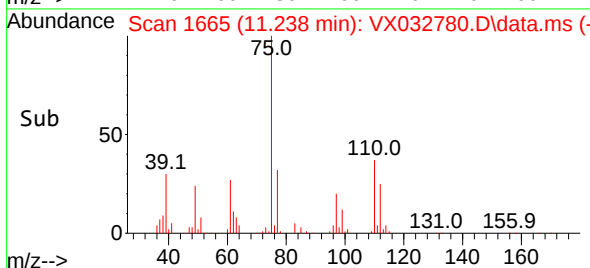
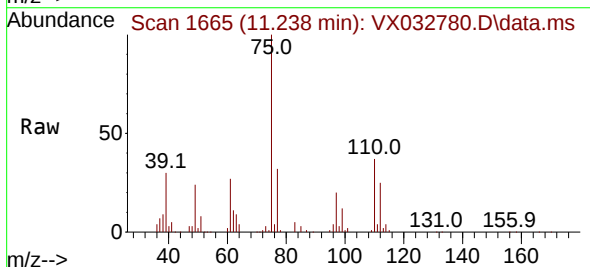
Manual Integrations
APPROVED

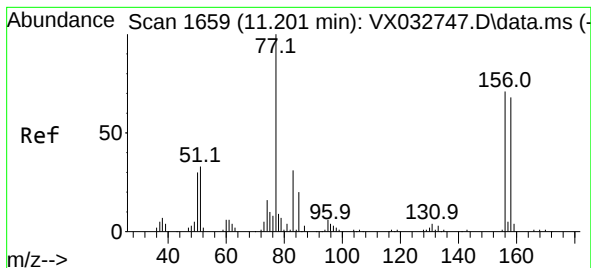
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#72
1,2,3-Trichloropropane
Concen: 20.864 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion: 75 Resp: 34520
Ion Ratio Lower Upper
75 100
77 38.8 0.0 76.6





#73

Bromobenzene

Concen: 20.319 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

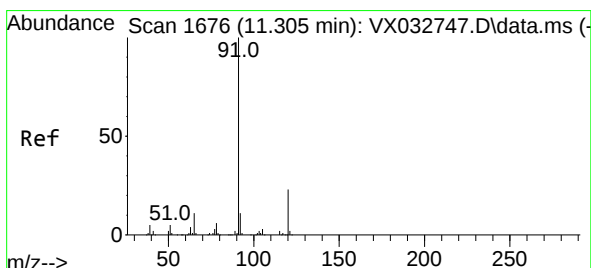
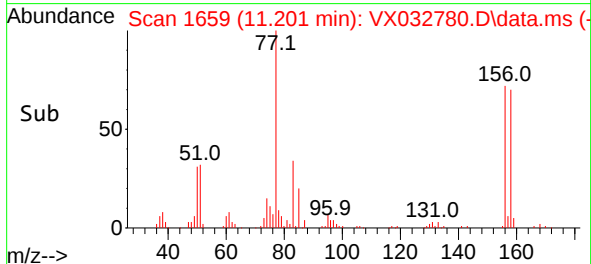
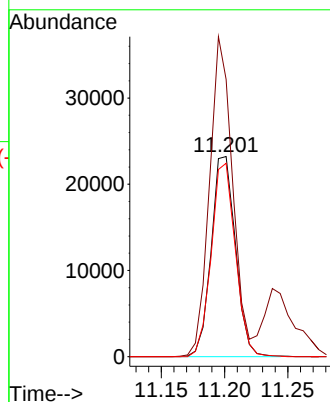
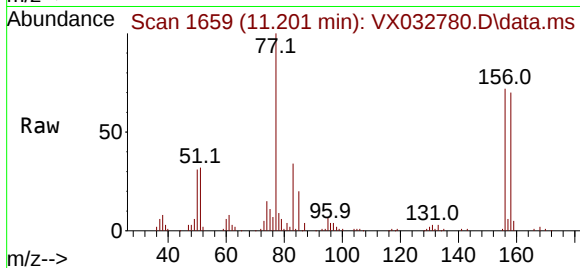
Tgt Ion:	156	Resp:	31008
Ion Ratio	Lower	Upper	
156	100		
77	151.2	0.0	259.2
158	96.1	0.0	193.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#74

n-propylbenzene

Concen: 20.979 ug/l

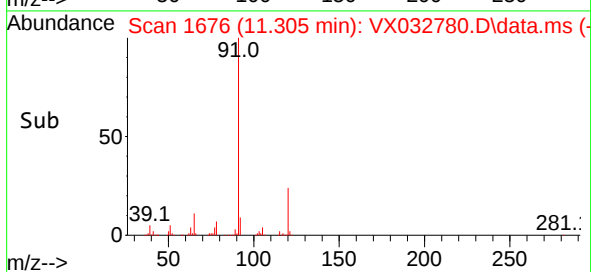
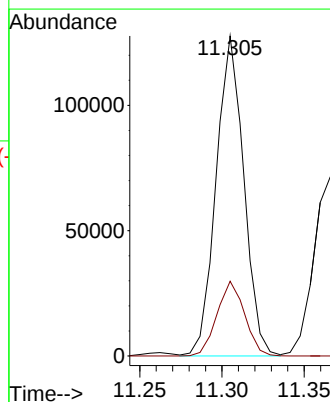
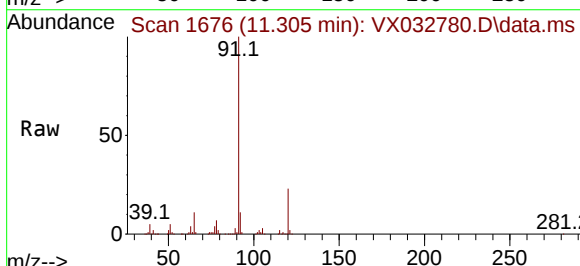
RT: 11.305 min Scan# 1676

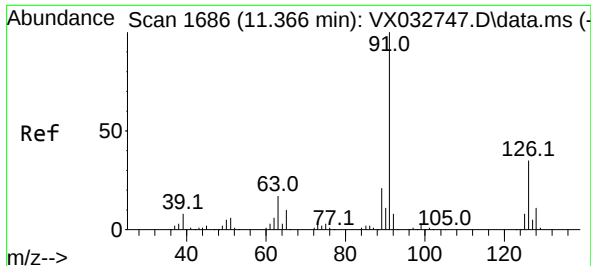
Delta R.T. 0.000 min

Lab File: VX032780.D

Acq: 11 Nov 2022 17:34

Tgt Ion:	91	Resp:	149735
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	51.0





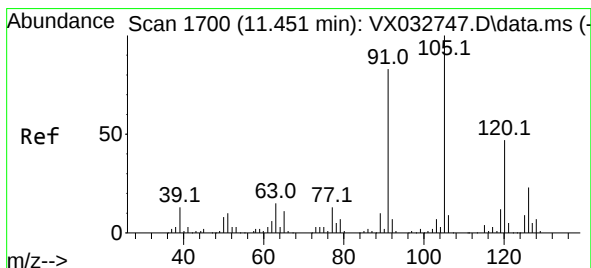
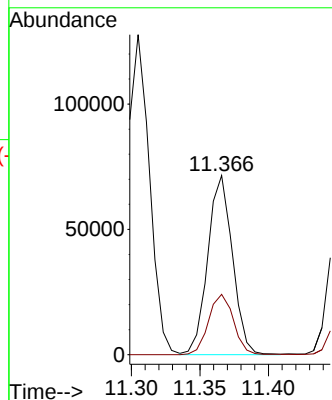
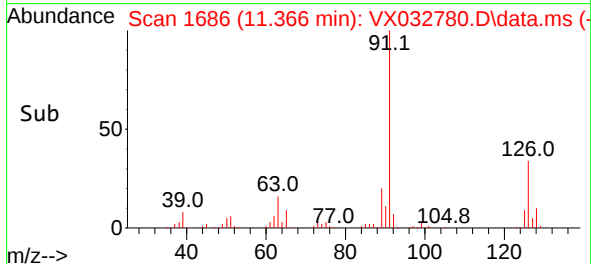
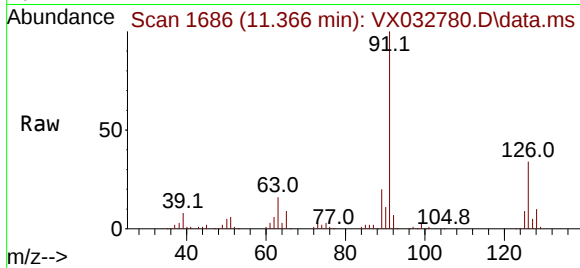
#75
2-Chlorotoluene
Concen: 20.761 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 89715
Ion Ratio Lower Upper
91 100
126 33.9 0.0 76.4

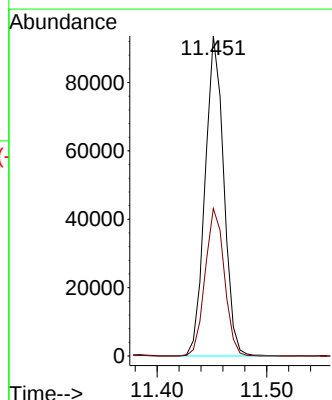
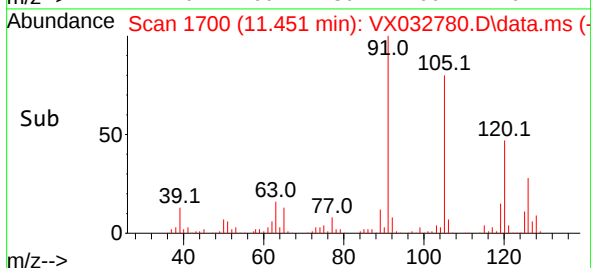
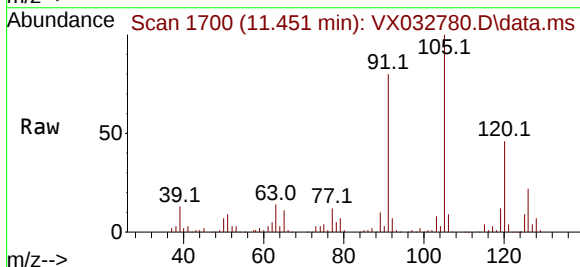
Manual Integrations
APPROVED

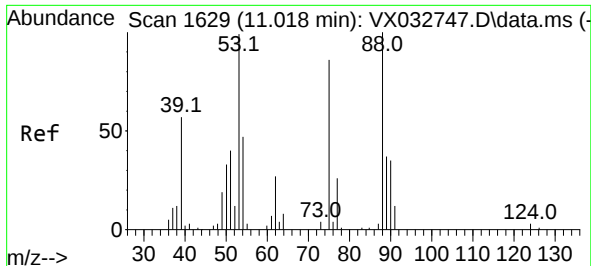
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.797 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

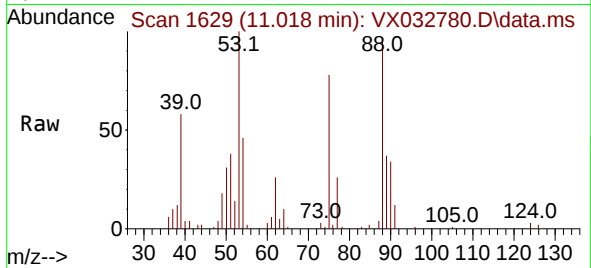
Tgt Ion:105 Resp: 110443
Ion Ratio Lower Upper
105 100
120 47.5 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.307 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

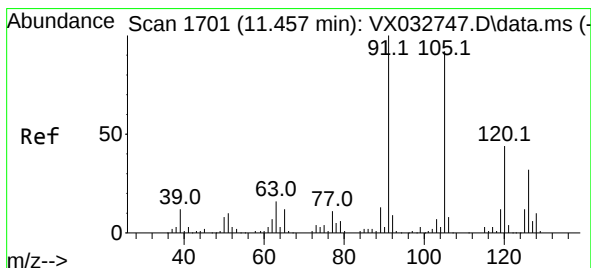
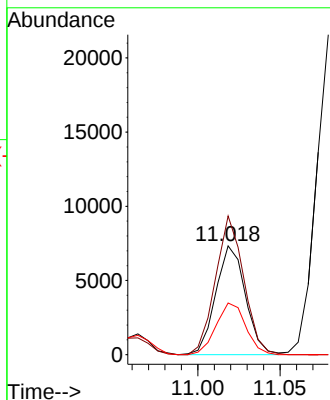
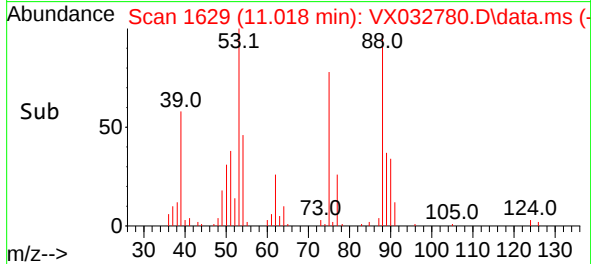
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 924
Ion Ratio Lower Upper
75 100
53 127.6 51.8 155.4
89 47.6 22.9 68.8

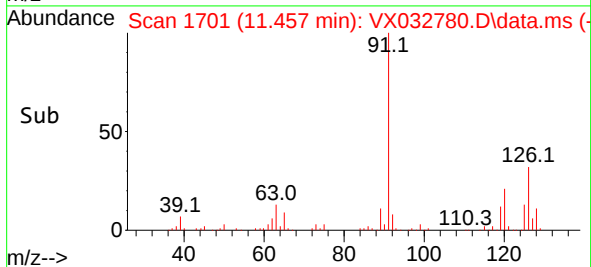
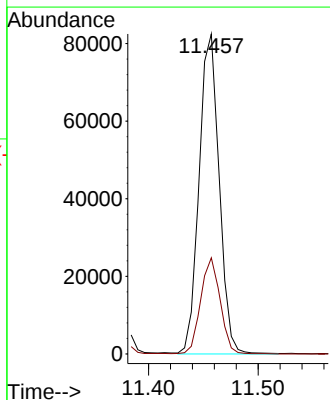
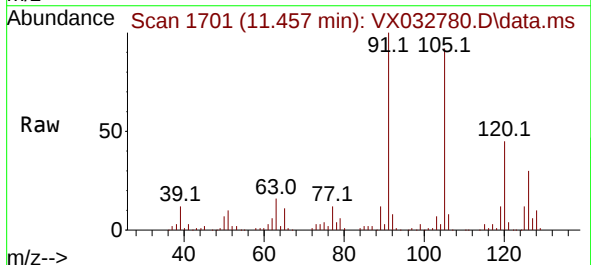
Manual Integrations
APPROVED

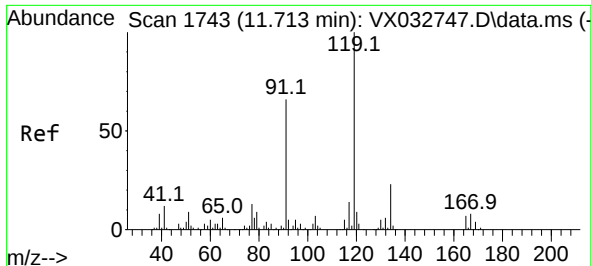
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#78
4-Chlorotoluene
Concen: 21.048 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

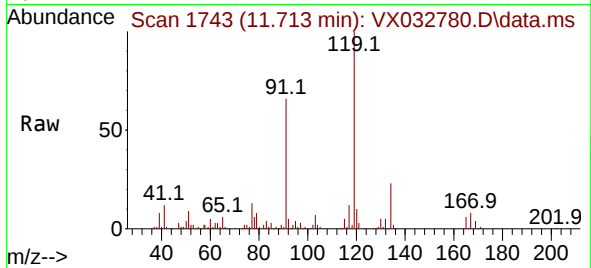
Tgt Ion: 91 Resp: 104774
Ion Ratio Lower Upper
91 100
126 29.0 0.0 67.0





#79
tert-butylbenzene
Concen: 20.406 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

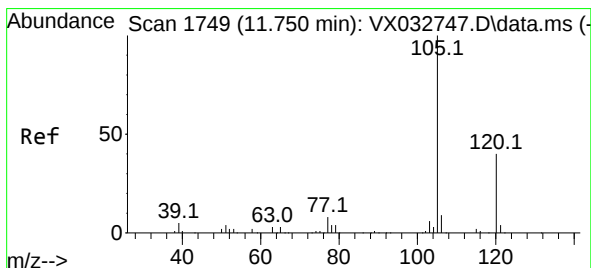
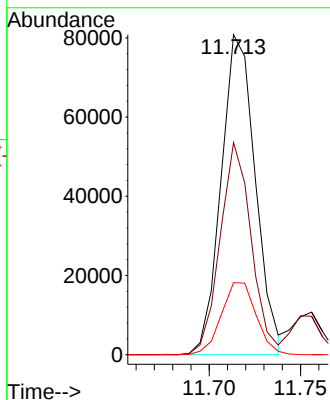
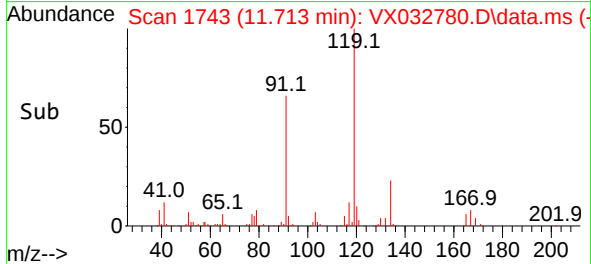
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



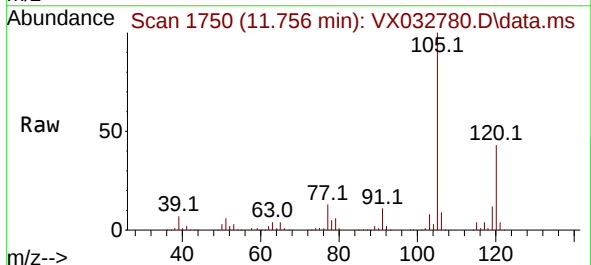
Tgt Ion:119 Resp: 105312
Ion Ratio Lower Upper
119 100
91 60.5 0.0 112.0
134 23.0 0.0 51.0

Manual Integrations
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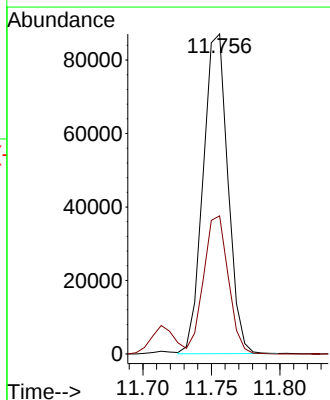
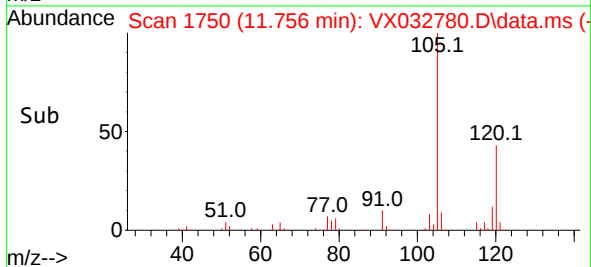
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

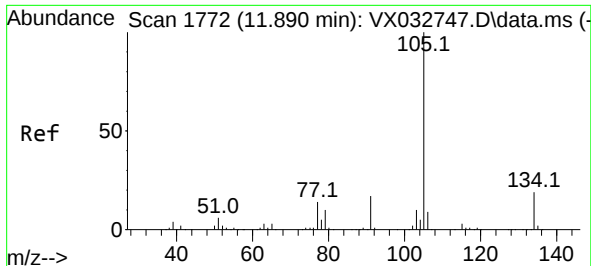


#80
1,2,4-Trimethylbenzene
Concen: 21.091 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



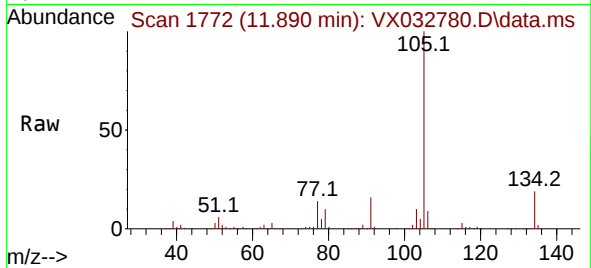
Tgt Ion:105 Resp: 109509
Ion Ratio Lower Upper
105 100
120 42.8 0.0 95.0





#81
 sec-Butylbenzene
 Concen: 21.025 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032780.D
 Acq: 11 Nov 2022 17:34

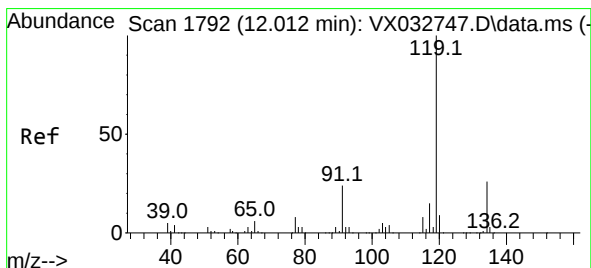
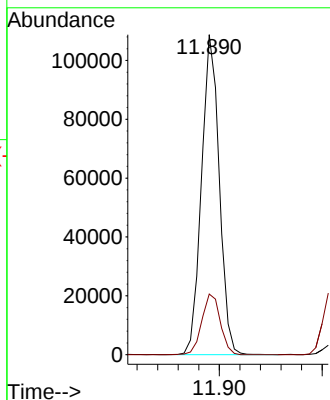
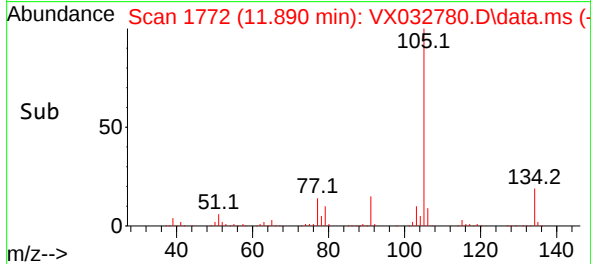
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



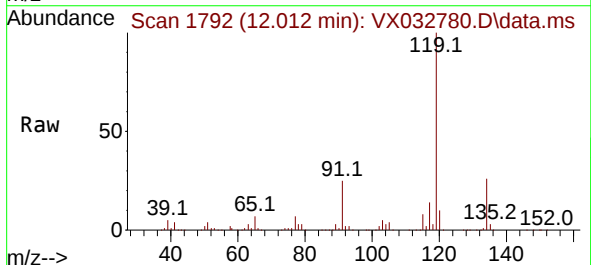
Tgt Ion:105 Resp: 130628
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 44.4

Manual Integrations
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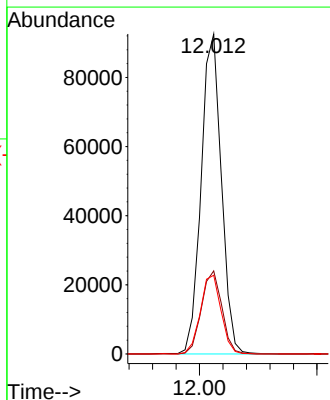
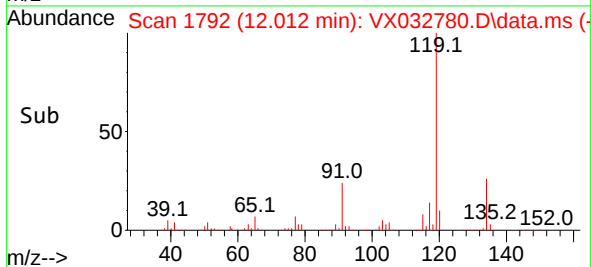
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

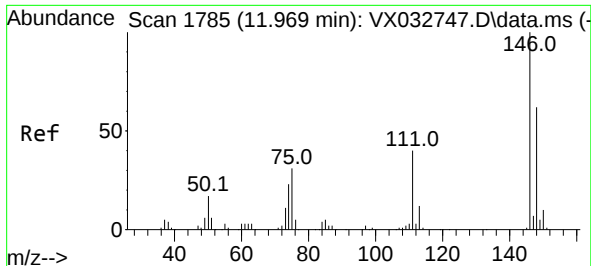


#82
 p-Isopropyltoluene
 Concen: 21.135 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032780.D
 Acq: 11 Nov 2022 17:34



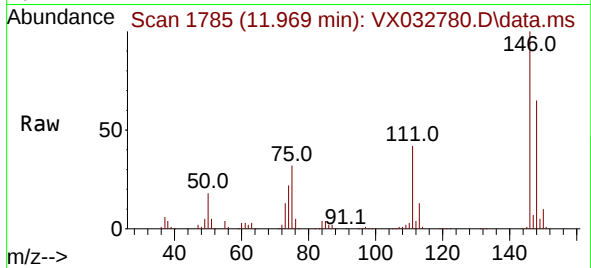
Tgt Ion:119 Resp: 110668
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 55.4
 91 25.2 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 21.291 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

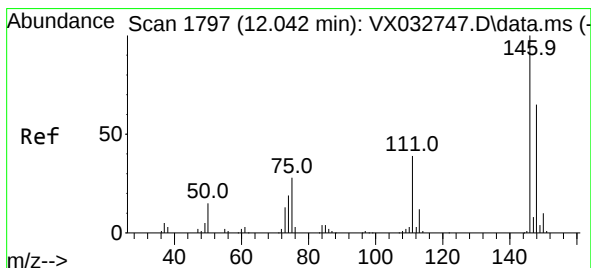
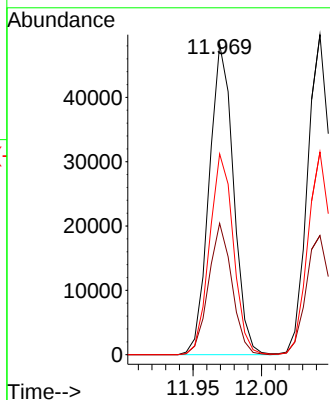
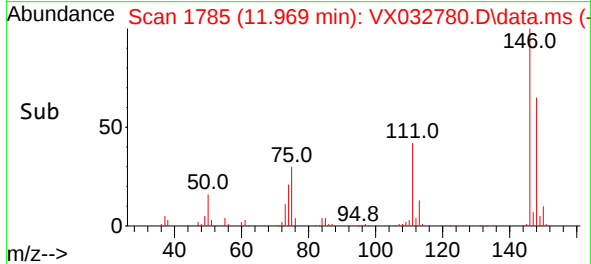
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



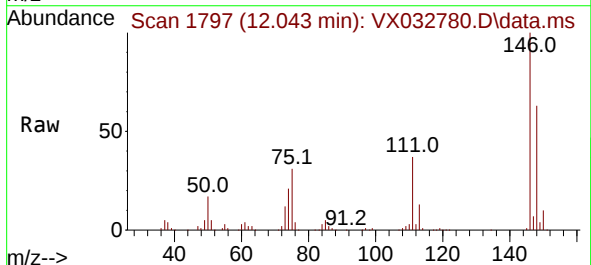
Tgt Ion:146 Resp: 5961
Ion Ratio Lower Upper
146 100
111 40.5 19.4 58.1
148 63.6 32.6 97.7

Manual Integrations
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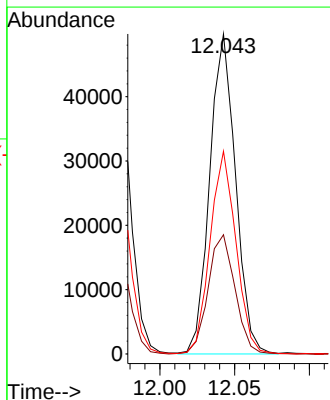
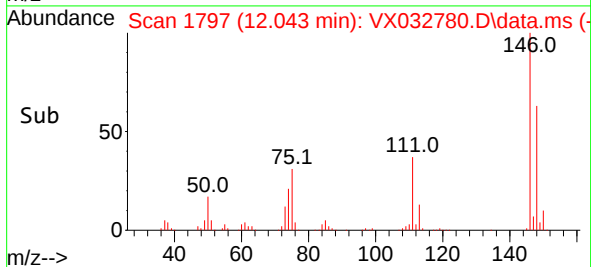
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

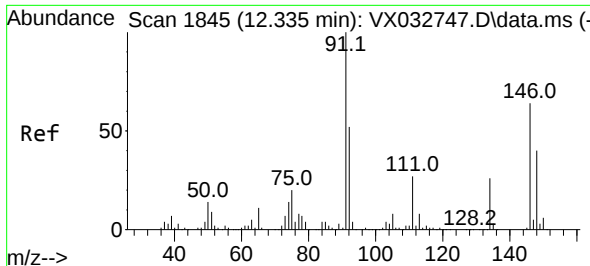


#84
1,4-Dichlorobenzene
Concen: 21.265 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



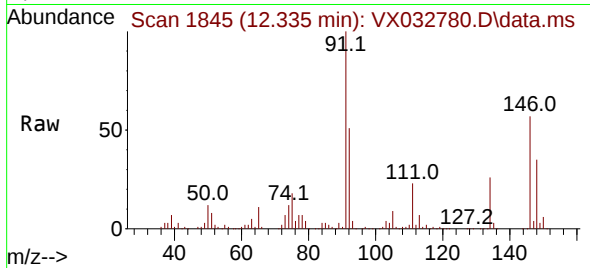
Tgt Ion:146 Resp: 59789
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.5
148 63.4 31.6 95.0





#85
n-Butylbenzene
Concen: 21.636 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

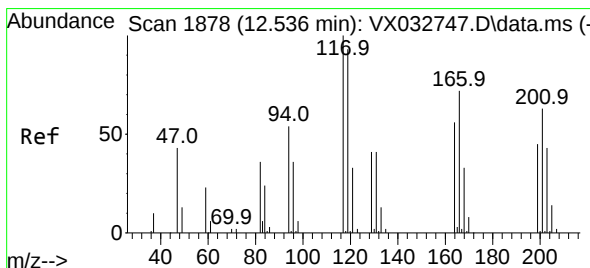
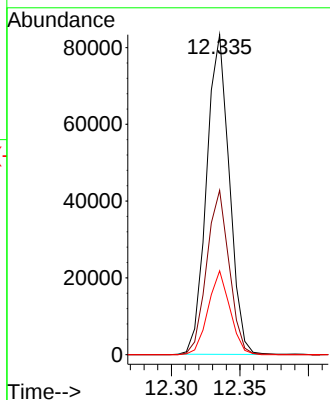
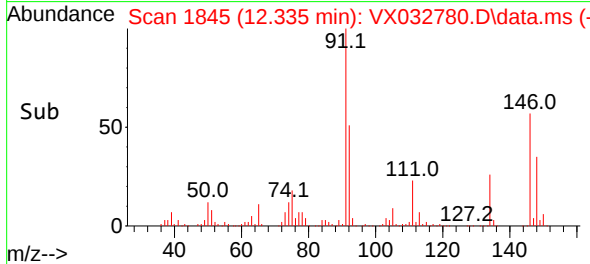
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 96018
Ion Ratio Lower Upper
91 100
92 50.8 0.0 108.4
134 25.2 0.0 60.6

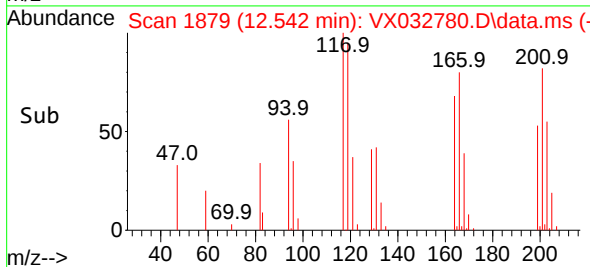
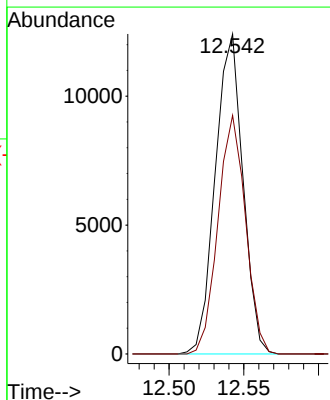
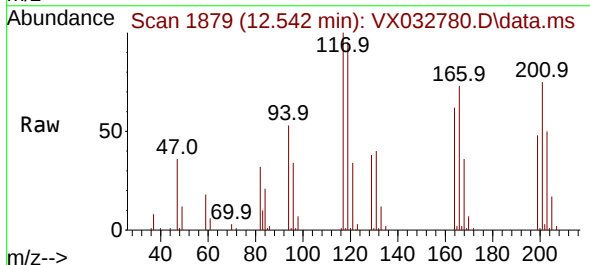
Manual Integrations
APPROVED

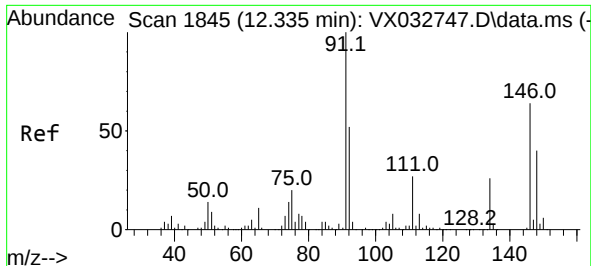
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#86
Hexachloroethane
Concen: 18.567 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

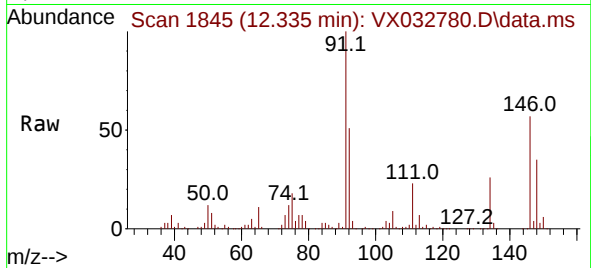
Tgt Ion:117 Resp: 15960
Ion Ratio Lower Upper
117 100
201 74.3 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 20.866 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

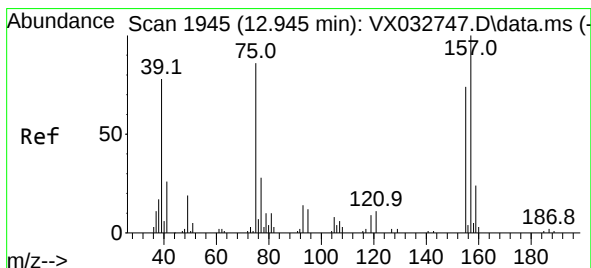
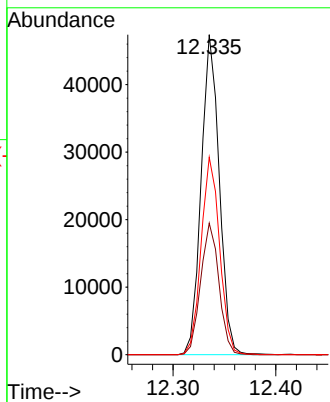
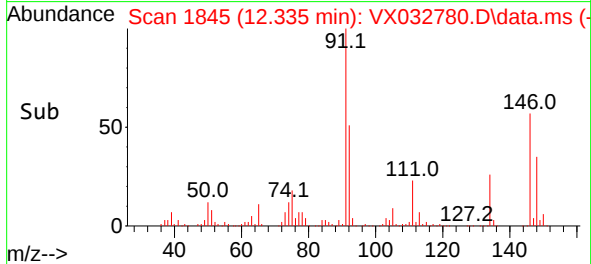
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 58079
Ion Ratio Lower Upper
146 100
111 41.6 20.0 60.0
148 63.0 33.0 99.0

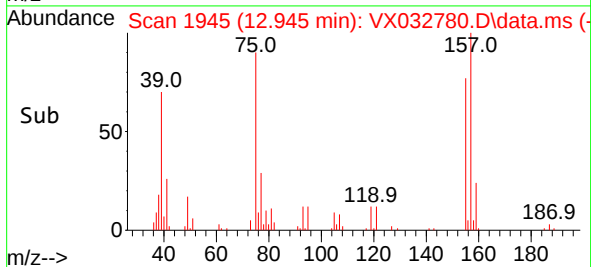
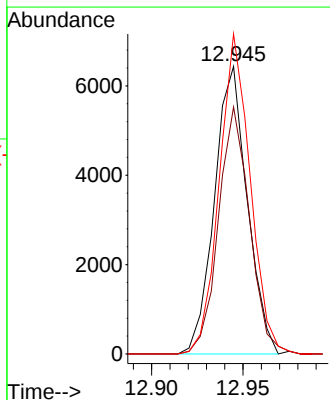
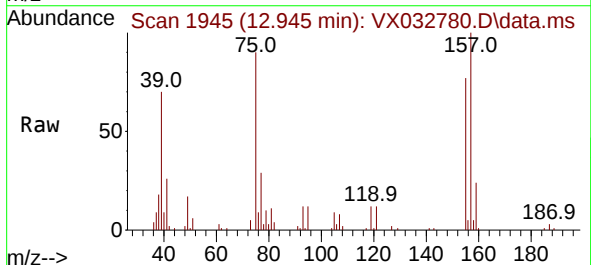
Manual Integrations
APPROVED

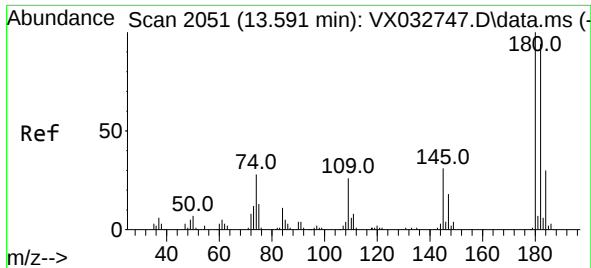
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.888 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

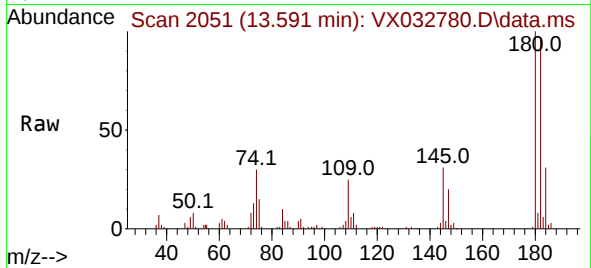
Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
155 81.4 85.0 127.6#
157 104.9 101.0 151.6





#89
1,2,4-Trichlorobenzene
Concen: 21.151 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

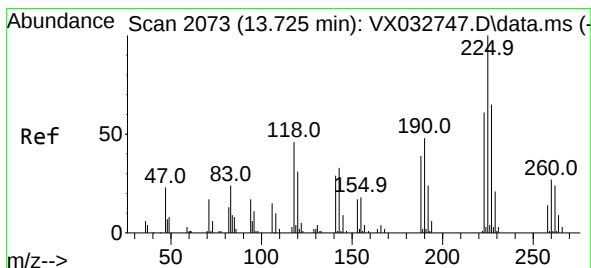
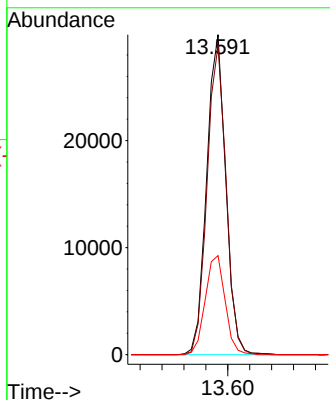
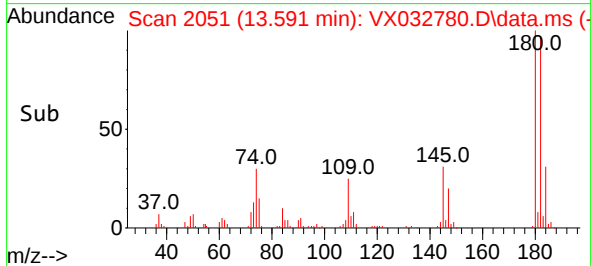
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



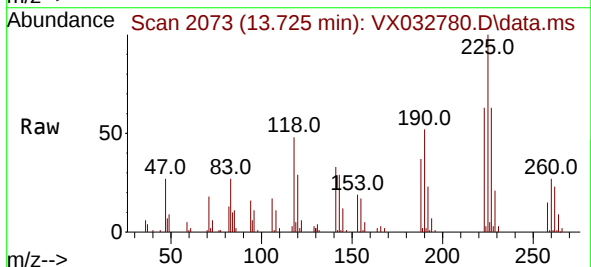
Tgt Ion:180 Resp: 3615
Ion Ratio Lower Upper
180 100
182 96.3 75.3 112.9
145 32.1 25.9 38.9

Manual Integrations
APPROVED

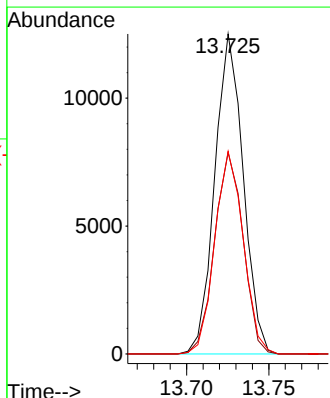
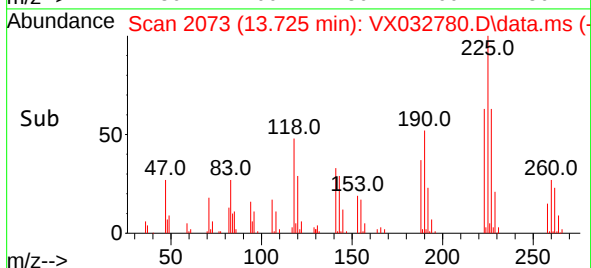
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

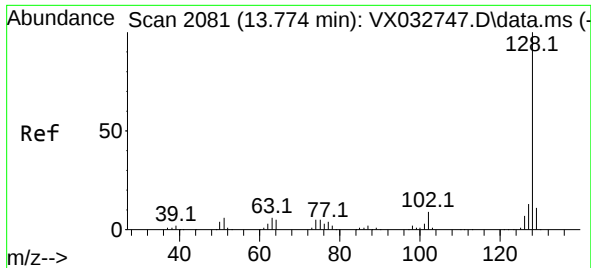


#90
Hexachlorobutadiene
Concen: 21.896 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34



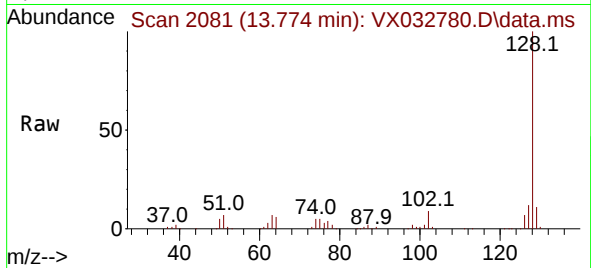
Tgt Ion:225 Resp: 15064
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.0
227 63.2 0.0 127.6





#91
Naphthalene
Concen: 20.815 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

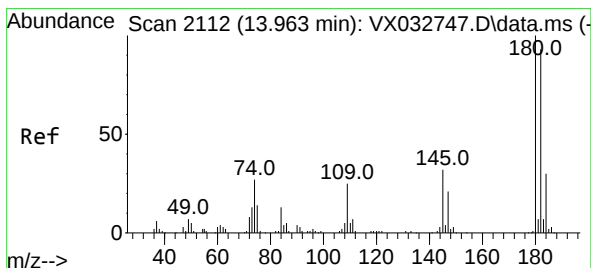
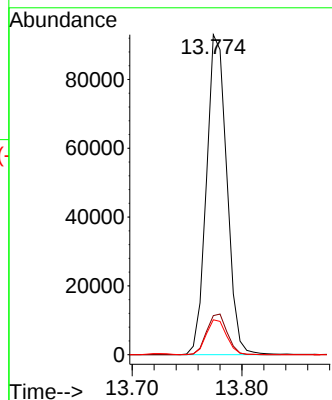
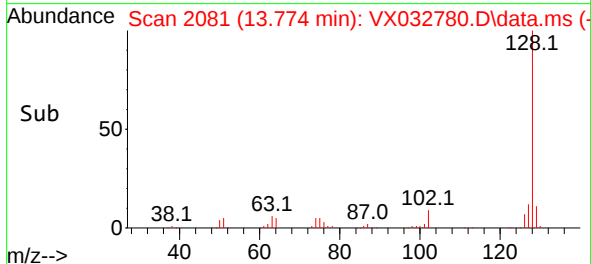
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 120090
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.296 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032780.D
Acq: 11 Nov 2022 17:34

Tgt Ion:180 Resp: 36612
Ion Ratio Lower Upper
180 100
182 94.8 0.0 199.0
145 33.5 0.0 68.2

