

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111122\
 Data File : VX032760.D
 Acq On : 11 Nov 2022 09:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 04:54:16 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	4.904	128	11083	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	80801	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	10.055	117	87331	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	33199	31.050	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 103.500%		
60) 4-Bromofluorobenzene	11.079	95	50277	30.096	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 100.333%		
63) Toluene-d8	8.647	98	88638	30.075	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.267%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	21722	22.145	ug/l	96
3) Chloromethane	1.294	50	21404	21.990	ug/l	99
4) Vinyl Chloride	1.374	62	24133	21.927	ug/l	100
5) Bromomethane	1.611	94	20415	20.893	ug/l	94
6) Chloroethane	1.685	64	18489	21.268	ug/l	95
7) Trichlorofluoromethane	1.886	101	46837	22.076	ug/l	98
8) Diethyl Ether	2.130	74	14898	21.718	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	25419	22.523	ug/l	99
10) 1,1-Dichloroethene	2.319	96	23203	21.521	ug/l	83
11) Methyl Iodide	2.453	142	24664	21.278	ug/l	99
12) Methyl Acetate	2.703	43	34155	21.385	ug/l	# 88
13) Acrolein	2.239	56	25739	120.854	ug/l	98
14) Acrylonitrile	3.062	53	61790	107.924	ug/l	99
15) Acetone	2.386	58	19999	134.331	ug/l	78
16) Carbon Disulfide	2.514	76	56698	21.125	ug/l	99
17) Allyl chloride	2.666	41	37014	21.606	ug/l	87
18) Methylene Chloride	2.788	84	25164	20.238	ug/l	88
19) trans-1,2-Dichloroethene	3.087	96	25441	21.421	ug/l	# 83
20) Diisopropyl ether	3.757	45	79056	20.580	ug/l	91
21) 1,1-Dichloroethane	3.611	63	45864	21.268	ug/l	95
22) cis-1,2-Dichloroethene	4.483	96	29571	21.324	ug/l	87
23) tert-Butyl Alcohol	2.977	59	23289	125.278	ug/l	# 100
24) Methyl tert-Butyl Ether	3.111	73	80625	20.883	ug/l	92
25) Chloroform	5.093	83	50397	20.954	ug/l	96
26) Cyclohexane	5.464	56	40738	21.632	ug/l	# 83
29) 1,1-Dichloropropene	5.690	75	37191	20.754	ug/l	95
30) 2-Butanone	4.556	43	93827	112.290	ug/l	91
31) 2,2-Dichloropropane	4.477	77	38133	24.881	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	44949	19.940	ug/l	95
33) Carbon Tetrachloride	5.672	117	40326	20.375	ug/l	98
34) Benzene	6.037	78	102807	20.361	ug/l	# 94
35) Methacrylonitrile	4.916	41	18091	19.116	ug/l	92
36) 1,2-Dichloroethane	6.086	62	41842	20.130	ug/l	# 93
37) Trichloroethene	7.123	130	28306	20.039	ug/l	88
38) Methylcyclohexane	7.379	83	43186	21.509	ug/l	89
39) 1,2-Dichloropropane	7.427	63	25941	20.297	ug/l	97
40) Dibromomethane	7.580	93	19410	19.891	ug/l	98
41) Bromodichloromethane	7.818	83	37339	20.075	ug/l	97
42) Vinyl Acetate	3.721	43	324528	101.077	ug/l	# 91

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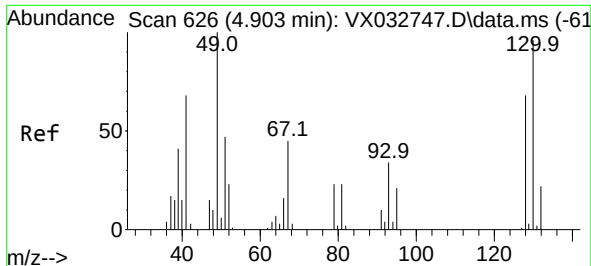
Manual Integrations
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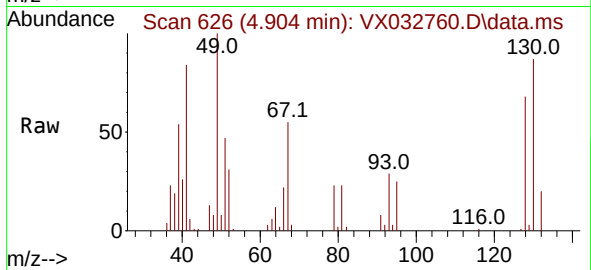
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	35142	20.907	ug/l #	89
44) Isopropyl Acetate	6.336	43	56025	19.889	ug/l	95
45) 1,4-Dioxane	7.690	88	11674	431.471	ug/l #	87
46) Methyl methacrylate	7.690	41	28238	19.914	ug/l	88
47) n-amyl Acetate	10.841	43	51100	20.406	ug/l	95
48) t-1,3-Dichloropropene	8.976	75	38844	20.357	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	40984	20.341	ug/l #	90
50) 1,1,2-Trichloroethane	9.153	97	26972	20.103	ug/l	94
51) Ethyl methacrylate	9.116	69	39890	19.908	ug/l	81
52) 1,3-Dichloropropane	9.305	76	45146	20.582	ug/l	98
53) Dibromochloromethane	9.519	129	28893	19.802	ug/l	100
54) 1,2-Dibromoethane	9.610	107	29195	20.201	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	93596	96.658	ug/l	93
56) Bromoform	10.799	173	19982	19.128	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	180625	105.655	ug/l #	91
59) 2-Hexanone	9.427	43	141629	112.519	ug/l	90
61) Tetrachloroethene	9.275	164	24975	20.463	ug/l	94
62) Toluene	8.720	91	116837	20.572	ug/l	98
64) Chlorobenzene	10.079	112	72681	20.700	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	27300	20.410	ug/l	99
66) Ethyl Benzene	10.195	91	133551	20.961	ug/l	97
67) m/p-Xylenes	10.299	106	102968	41.535	ug/l	88
68) o-Xylene	10.640	106	50158	20.620	ug/l	91
69) Styrene	10.653	104	83743	20.707	ug/l	95
70) Isopropylbenzene	10.963	105	135598	20.875	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	41449	21.041	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	36878m	21.555	ug/l	
73) Bromobenzene	11.201	156	32413	20.540	ug/l	89
74) n-propylbenzene	11.305	91	156247	21.170	ug/l	94
75) 2-Chlorotoluene	11.366	91	94902	21.237	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	114770	20.900	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	11100	21.261	ug/l	90
78) 4-Chlorotoluene	11.457	91	109404	21.254	ug/l	92
79) tert-butylbenzene	11.713	119	111121	20.823	ug/l	93
80) 1,2,4-Trimethylbenzene	11.750	105	115043	21.427	ug/l	95
81) sec-Butylbenzene	11.890	105	139099	21.650	ug/l	95
82) p-Isopropyltoluene	12.012	119	116867	21.584	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	62173	21.475	ug/l	98
84) 1,4-Dichlorobenzene	12.042	146	62071	21.350	ug/l	99
85) n-Butylbenzene	12.335	91	100077	21.807	ug/l	94
86) Hexachloroethane	12.542	117	17972	20.219	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	59883	20.806	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8982	21.491	ug/l #	80
89) 1,2,4-Trichlorobenzene	13.591	180	38037	21.519	ug/l	99
90) Hexachlorobutadiene	13.725	225	15928	22.389	ug/l	100
91) Naphthalene	13.774	128	124590	20.884	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	37548	21.121	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

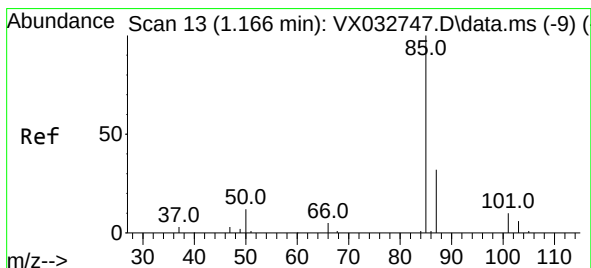
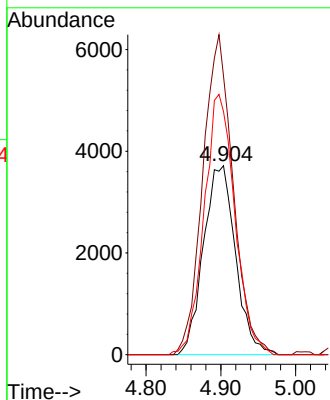
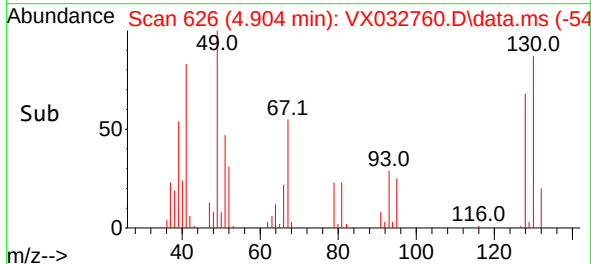
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 1108
Ion Ratio Lower Upper
128 100
49 160.1 0.0 293.0
130 132.3 0.0 321.5

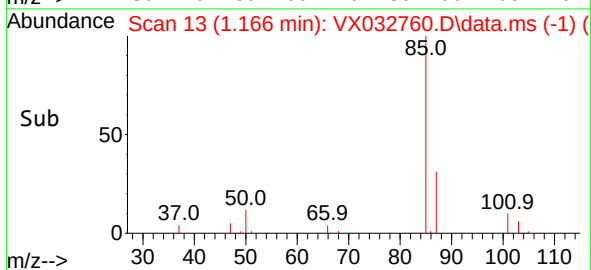
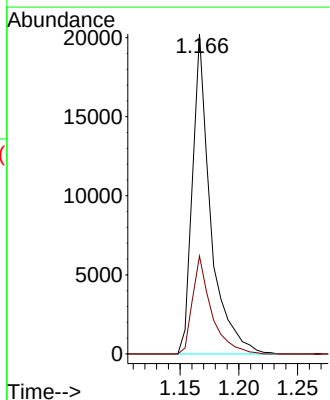
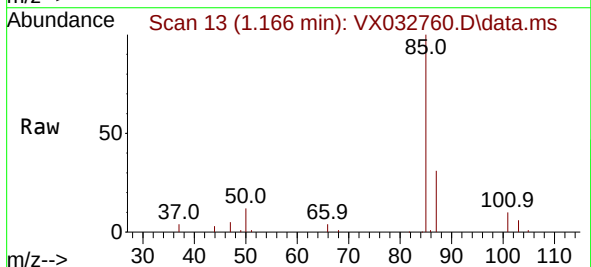
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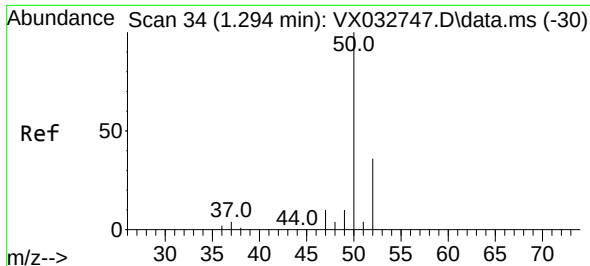
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#2
Dichlorodifluoromethane
Concen: 22.145 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

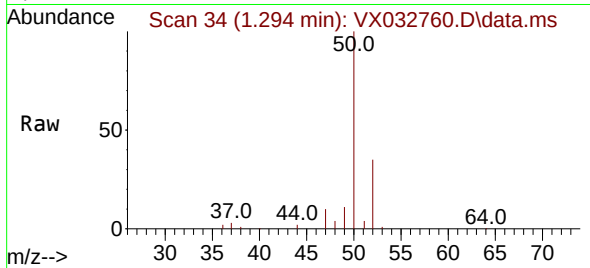
Tgt Ion: 85 Resp: 21722
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5





#3
Chloromethane
Concen: 21.990 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

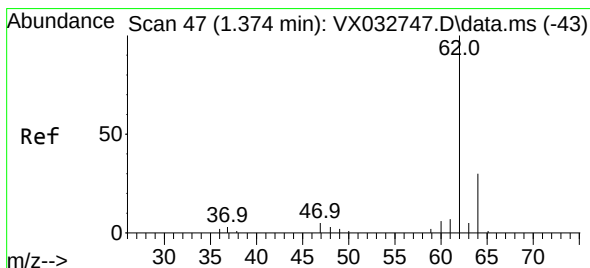
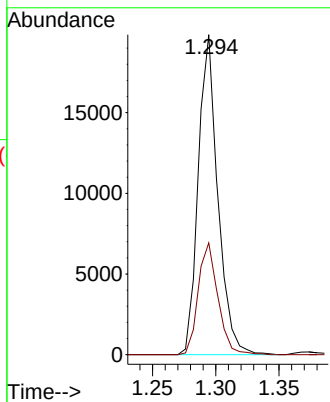
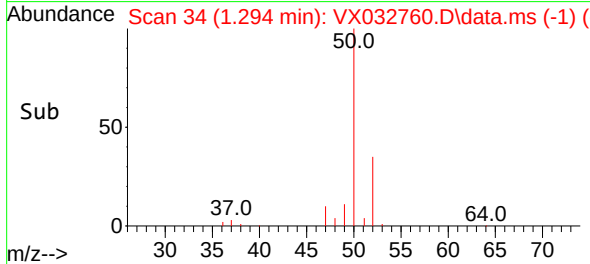
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



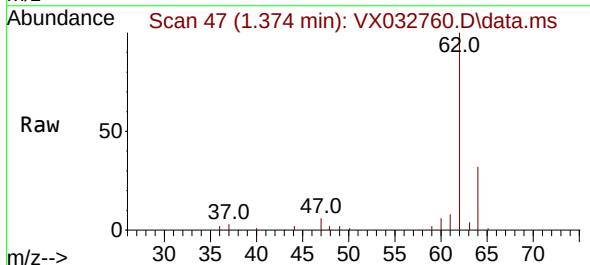
Tgt Ion: 50 Resp: 21404
Ion Ratio Lower Upper
50 100
52 35.0 27.6 41.4

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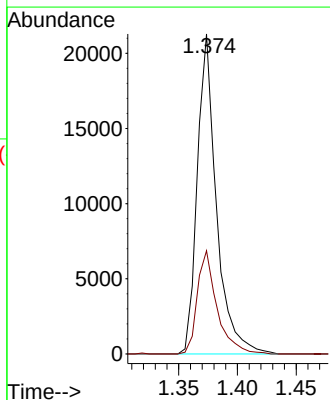
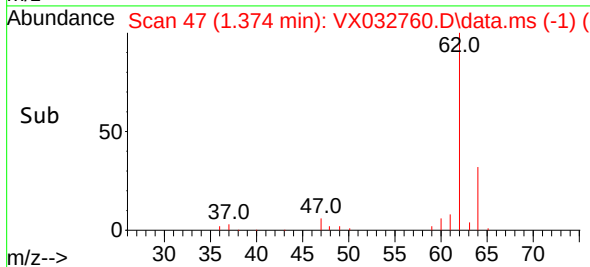
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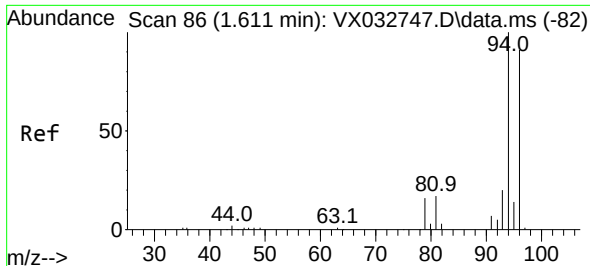


#4
Vinyl Chloride
Concen: 21.927 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



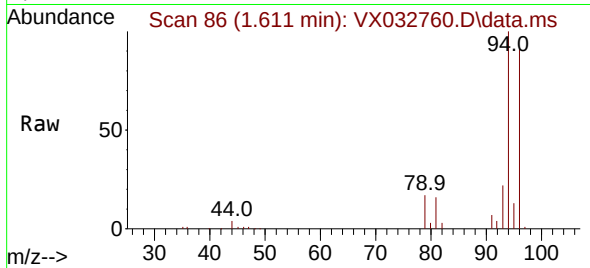
Tgt Ion: 62 Resp: 24133
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5





#5
Bromomethane
Concen: 20.893 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

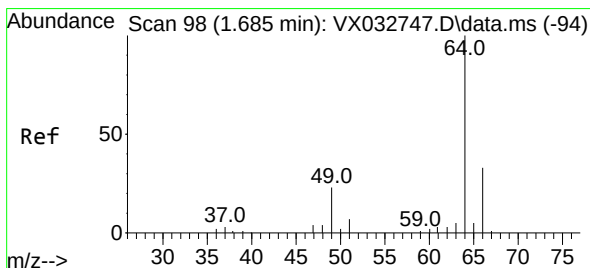
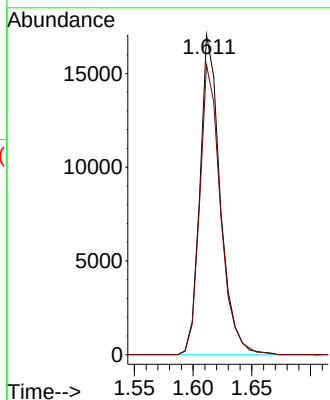
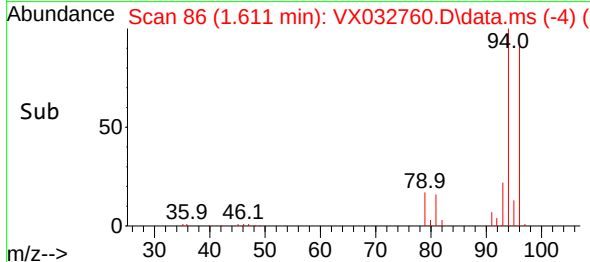
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 20415
Ion Ratio Lower Upper
94 100
96 90.6 76.8 115.2

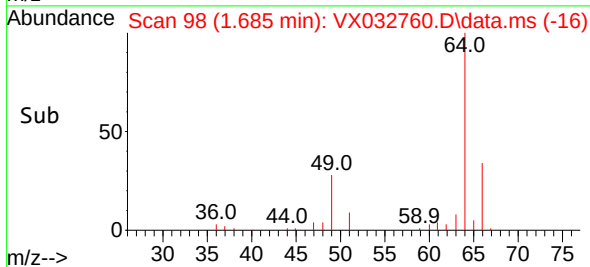
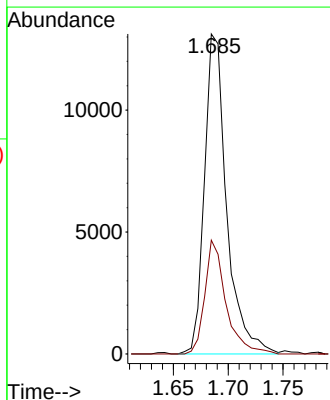
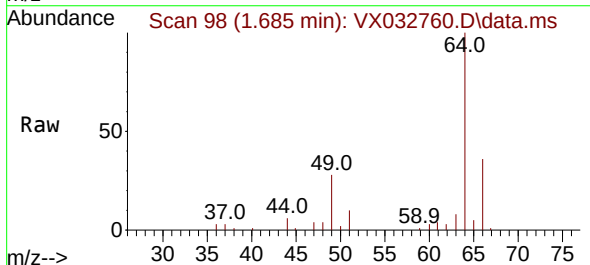
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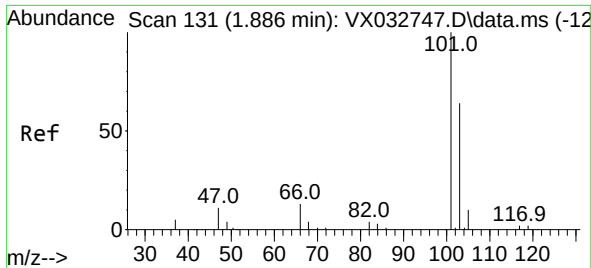
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#6
Chloroethane
Concen: 21.268 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

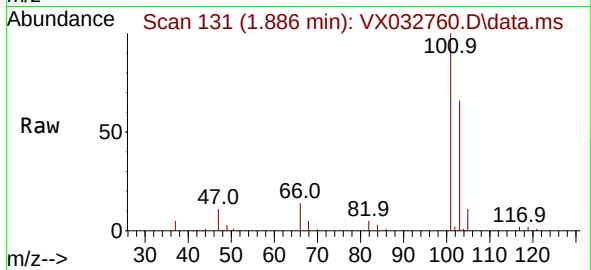
Tgt Ion: 64 Resp: 18489
Ion Ratio Lower Upper
64 100
66 35.5 30.6 46.0





#7
 Trichlorofluoromethane
 Concen: 22.076 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17

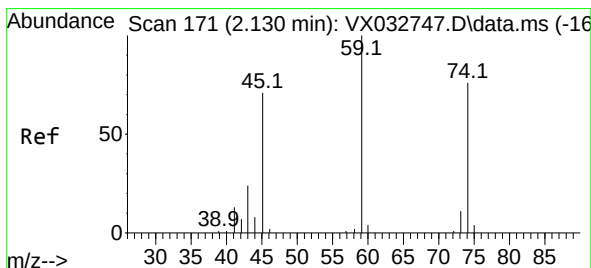
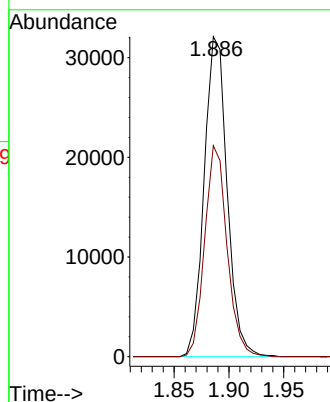
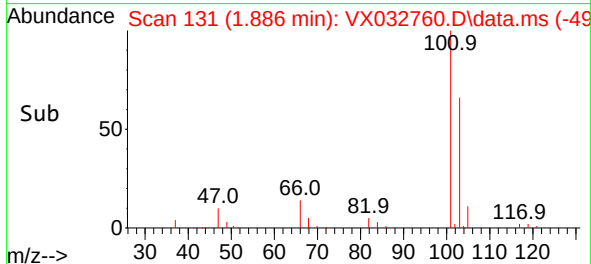
Instrument :
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Tgt Ion:101 Resp: 4683
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

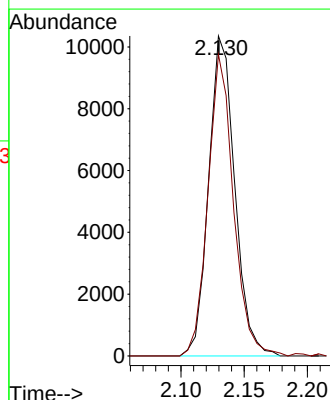
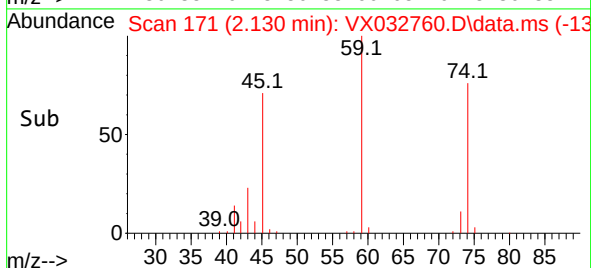
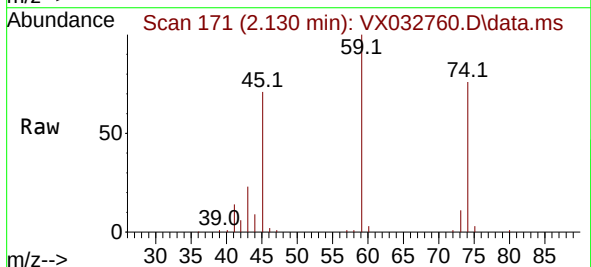
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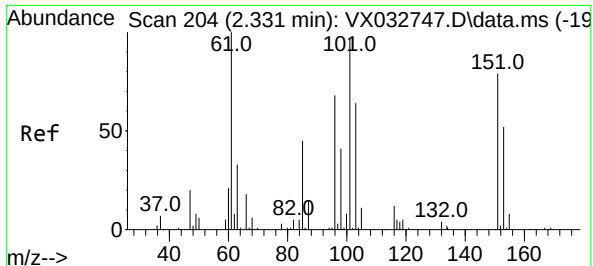
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022



#8
 Diethyl Ether
 Concen: 21.718 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17

Tgt Ion: 74 Resp: 14898
 Ion Ratio Lower Upper
 74 100
 45 91.8 14.2 127.8





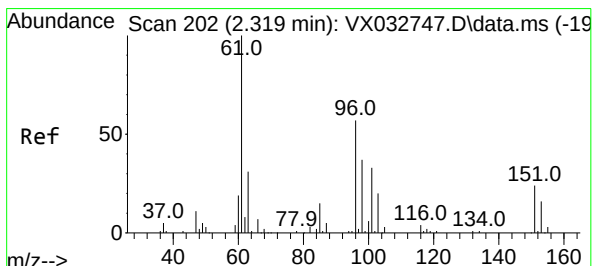
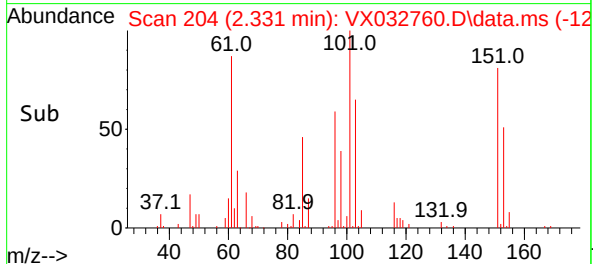
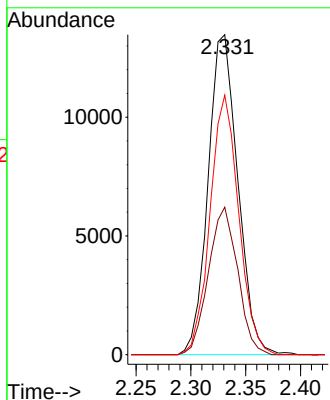
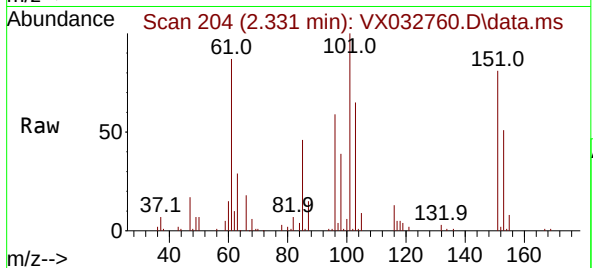
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.523 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 101 Resp: 25419
Ion Ratio Lower Upper
101 100
85 45.4 0.0 88.8
151 78.2 0.0 156.6

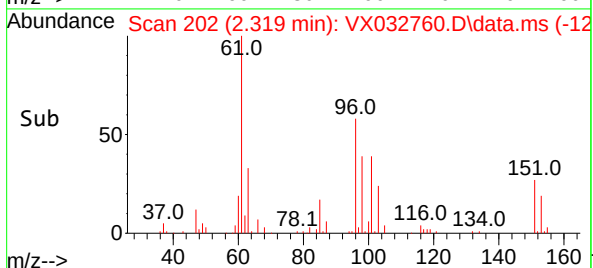
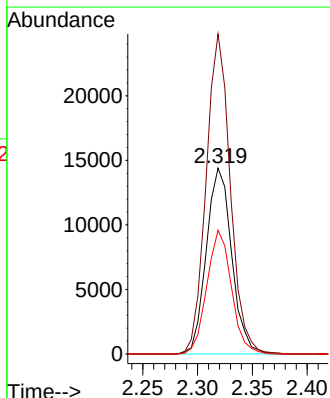
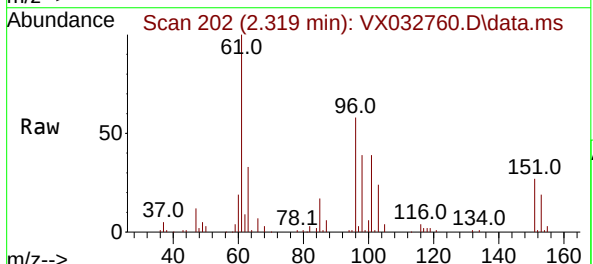
Manual Integrations
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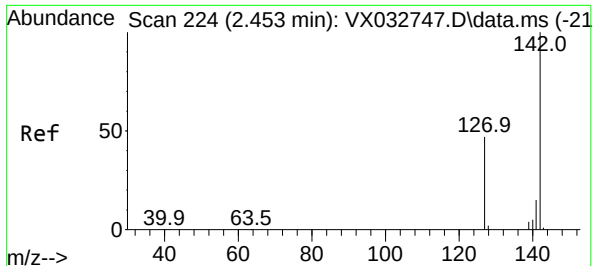
Reviewed By : John Carlone 11/14/2022
Supervised By : Mahesh Dadoda 11/14/2022



#10
1,1-Dichloroethene
Concen: 21.521 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

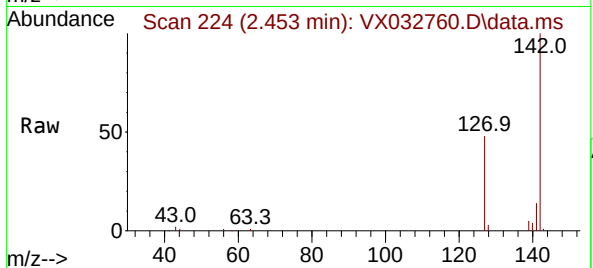
Tgt Ion: 96 Resp: 23203
Ion Ratio Lower Upper
96 100
61 172.3 115.8 173.6
98 66.5 49.7 74.5





#11
Methyl Iodide
Concen: 21.278 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

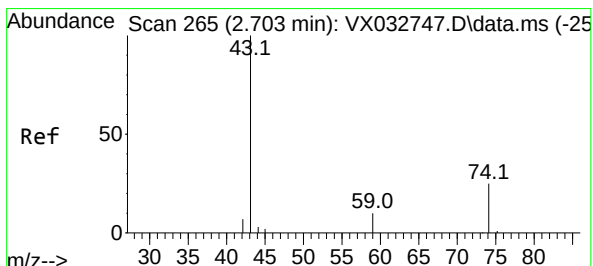
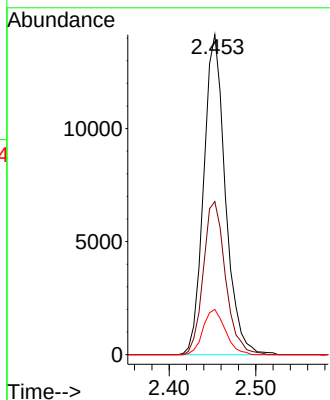
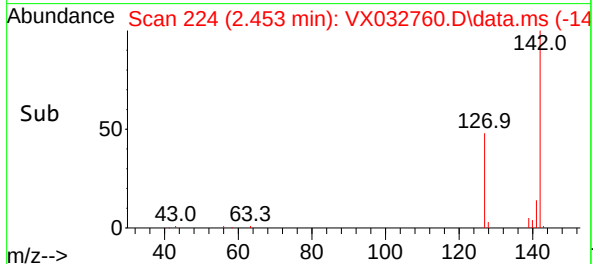
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 24664
Ion Ratio Lower Upper
142 100
127 47.9 23.8 71.2
141 14.1 7.6 22.8

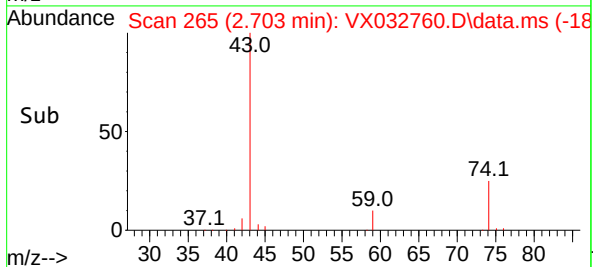
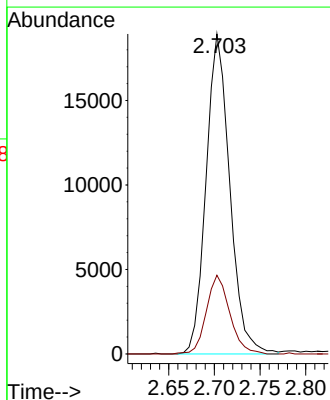
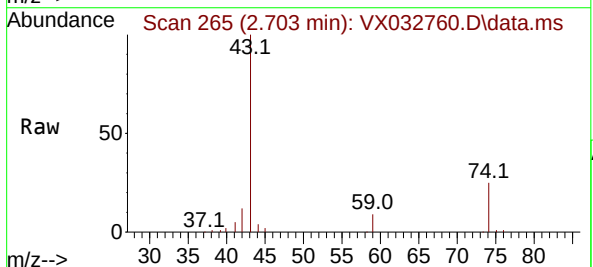
Manual Integrations
APPROVED

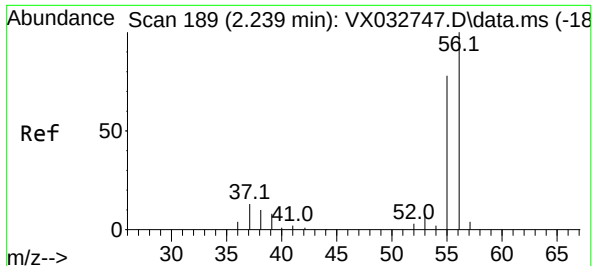
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#12
Methyl Acetate
Concen: 21.385 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 43 Resp: 34155
Ion Ratio Lower Upper
43 100
74 24.5 24.8 37.2#





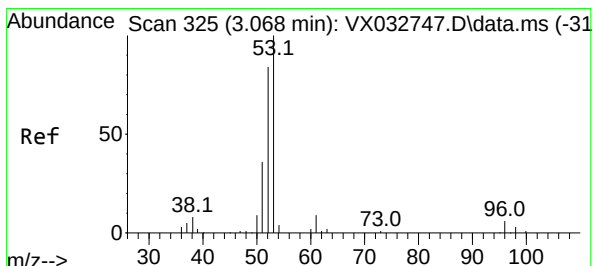
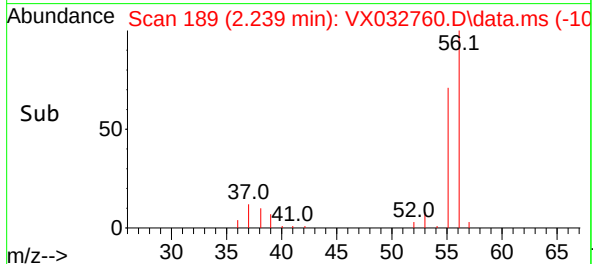
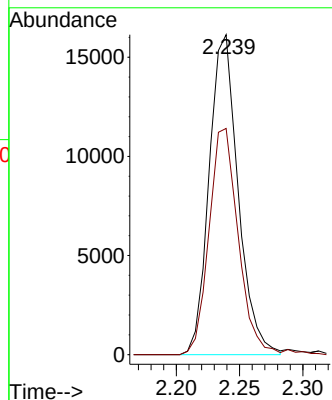
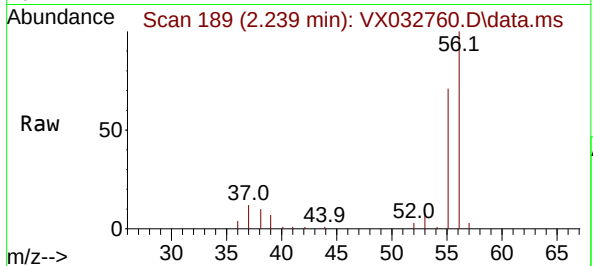
#13
Acrolein
Concen: 120.854 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 25739
Ion Ratio Lower Upper
56 100
55 71.0 58.4 87.6

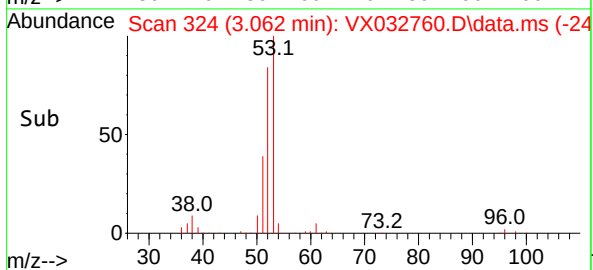
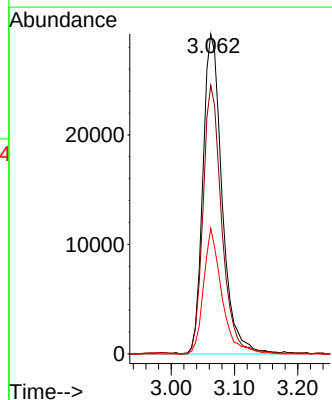
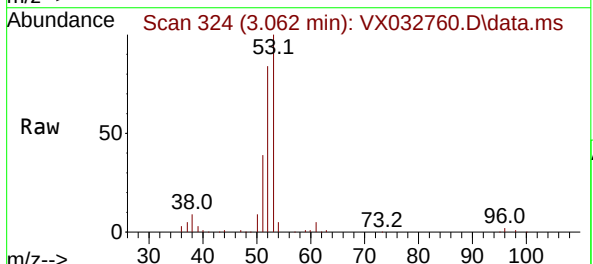
Manual Integrations
APPROVED

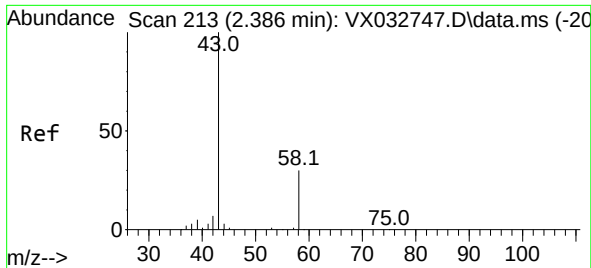
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#14
Acrylonitrile
Concen: 107.924 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

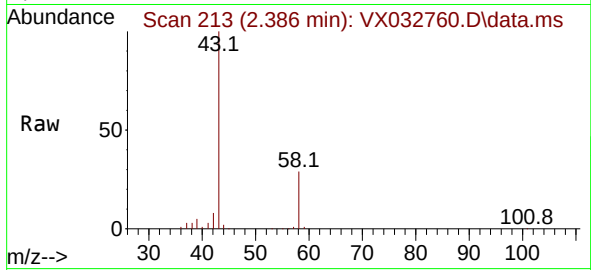
Tgt Ion: 53 Resp: 61790
Ion Ratio Lower Upper
53 100
52 81.8 41.5 124.5
51 37.3 18.3 54.9





#15
Acetone
Concen: 134.331 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

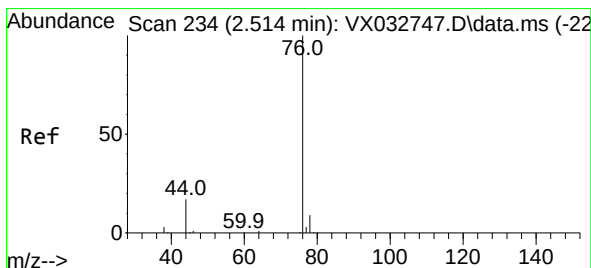
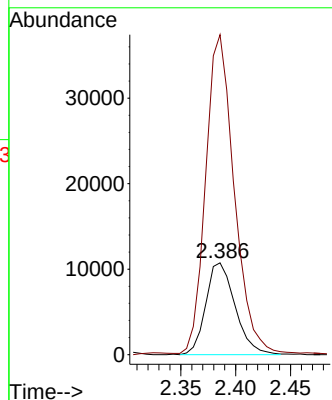
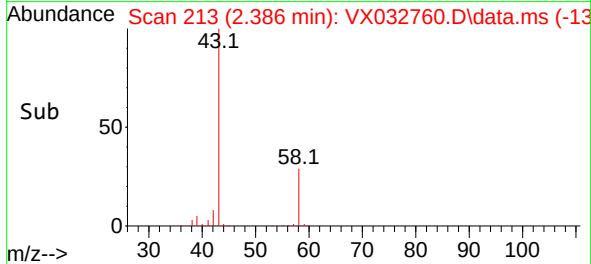
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 1999
Ion Ratio Lower Upper
58 100
43 347.1 242.6 364.0

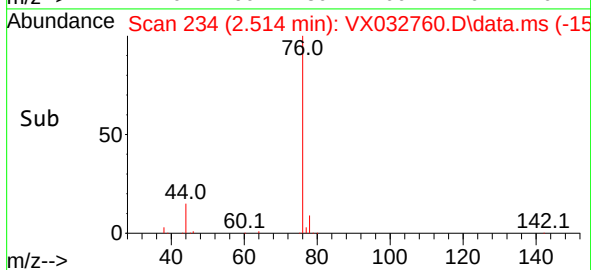
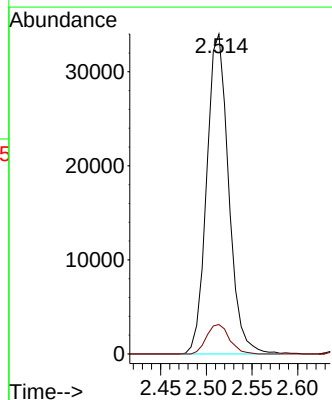
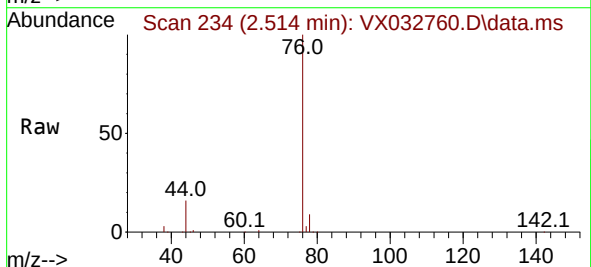
Manual Integrations
APPROVED

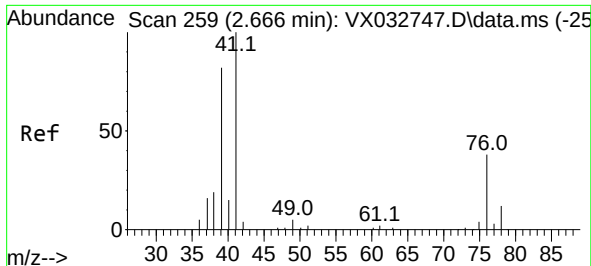
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#16
Carbon Disulfide
Concen: 21.125 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 76 Resp: 56698
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





#17

Allyl chloride

Concen: 21.606 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

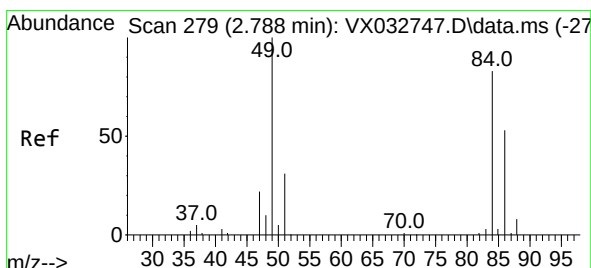
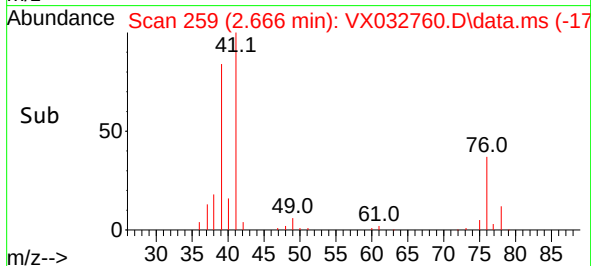
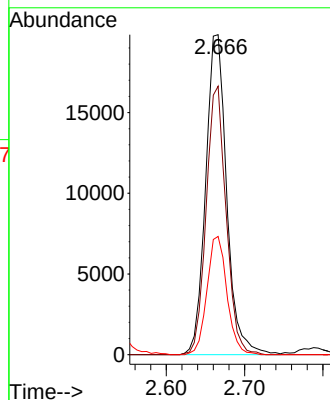
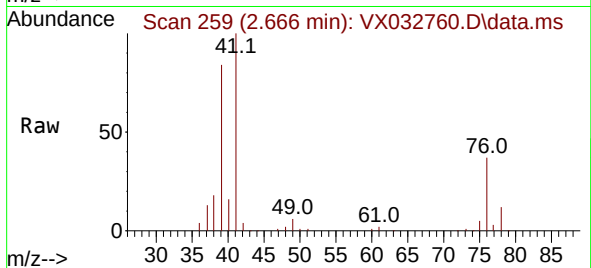
Tgt Ion:	41	Resp:	37014
Ion	Ratio	Lower	Upper
41	100		
39	83.9	37.0	111.0
76	37.0	23.8	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#18

Methylene Chloride

Concen: 20.238 ug/l

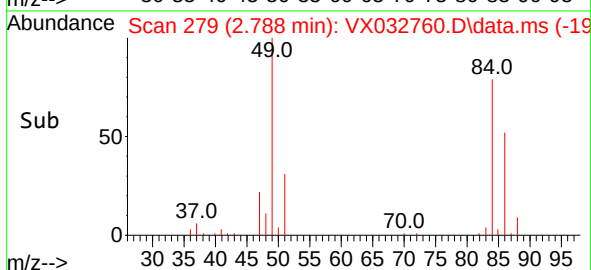
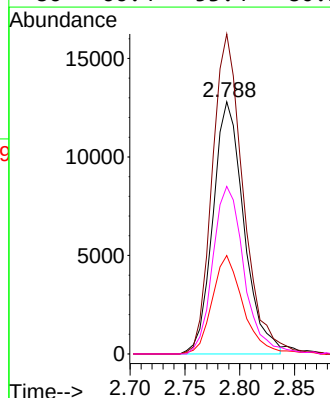
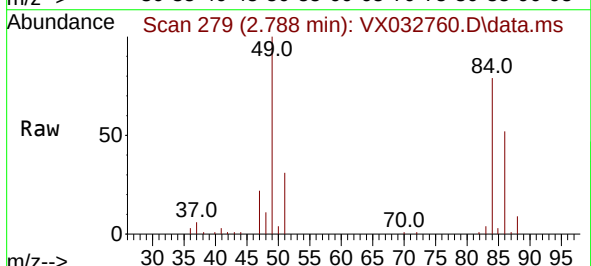
RT: 2.788 min Scan# 279

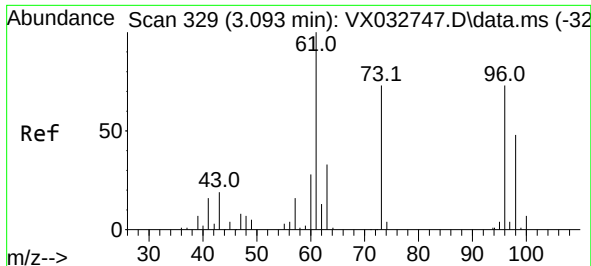
Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

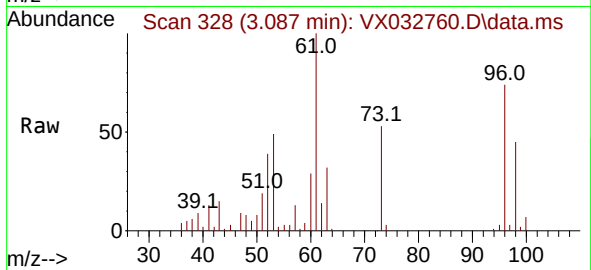
Tgt Ion:	84	Resp:	25164
Ion	Ratio	Lower	Upper
84	100		
49	126.9	84.6	127.0
51	39.0	26.5	39.7
86	66.4	53.4	80.2





#19
trans-1,2-Dichloroethene
Concen: 21.421 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

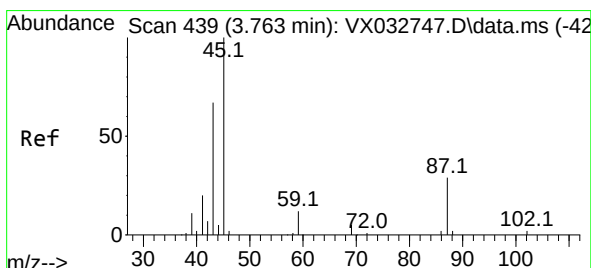
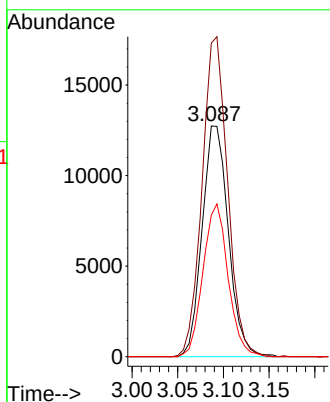
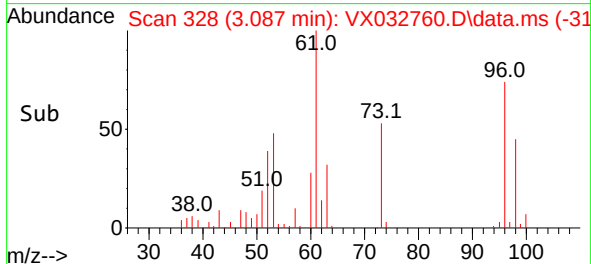
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



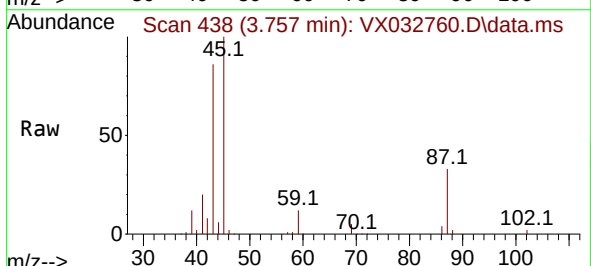
Tgt Ion: 96 Resp: 2544
Ion Ratio Lower Upper
96 100
61 135.9 87.4 131.0
98 61.3 51.5 77.3

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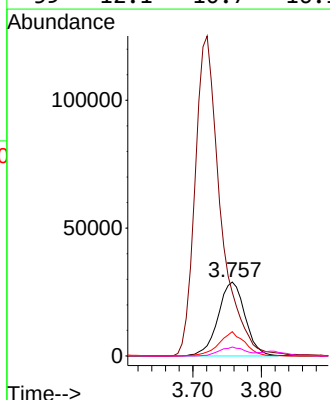
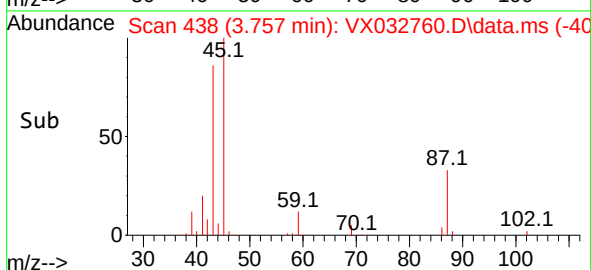
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

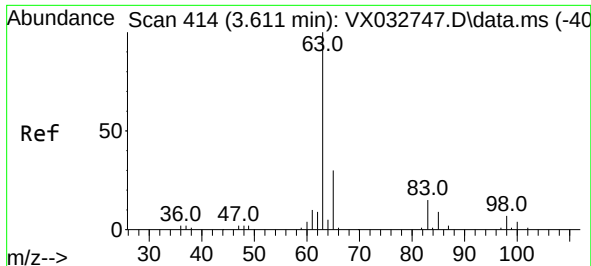


#20
Diisopropyl ether
Concen: 20.580 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion: 45 Resp: 79056
Ion Ratio Lower Upper
45 100
43 82.8 74.5 111.7
87 32.8 30.4 45.6
59 12.1 10.7 16.1





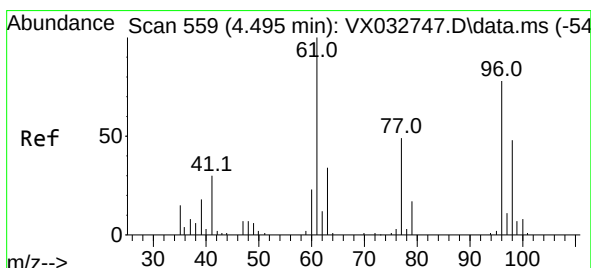
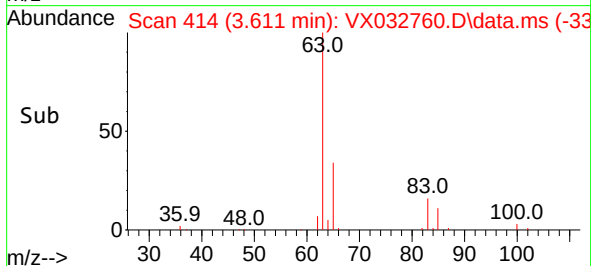
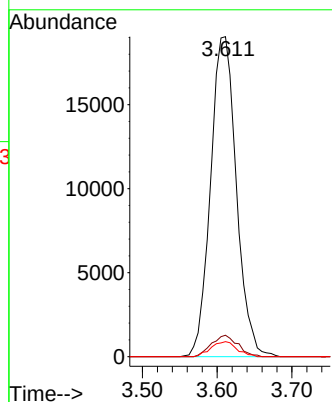
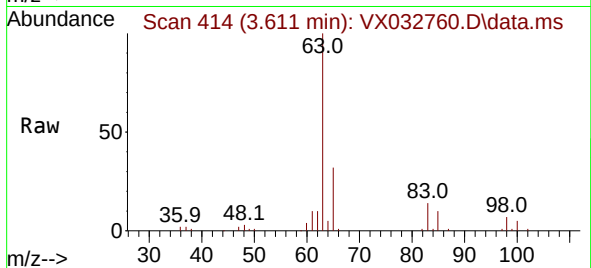
#21
1,1-Dichloroethane
Concen: 21.268 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 45864
Ion Ratio Lower Upper
63 100
98 6.7 4.5 13.7
100 4.7 2.8 8.3

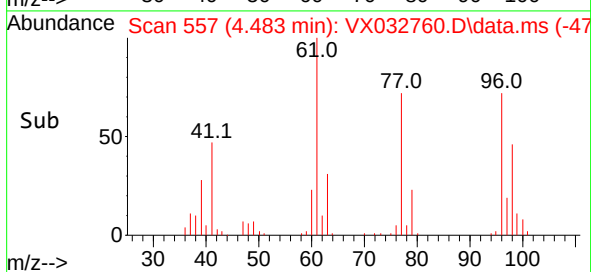
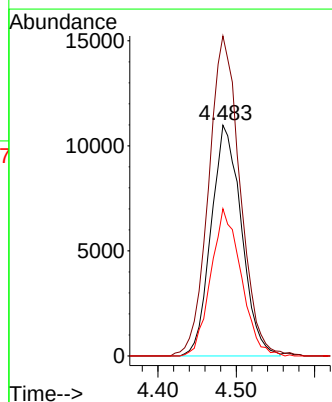
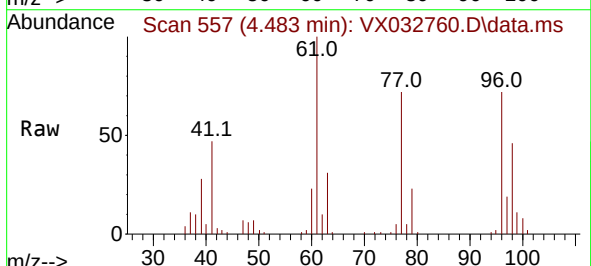
Manual Integrations
APPROVED

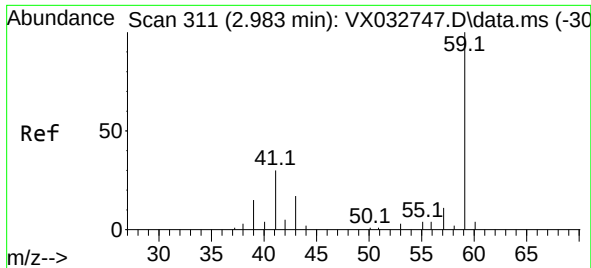
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#22
cis-1,2-Dichloroethene
Concen: 21.324 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 96 Resp: 29571
Ion Ratio Lower Upper
96 100
61 143.9 98.0 147.0
98 63.4 52.2 78.4





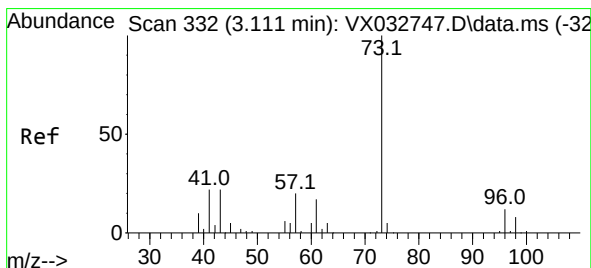
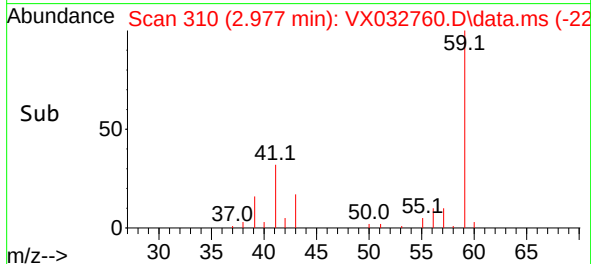
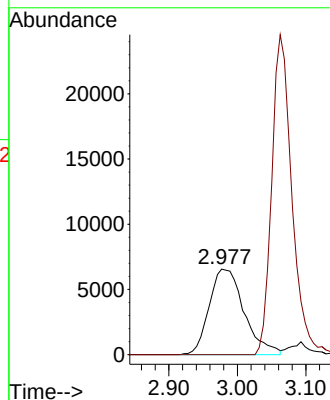
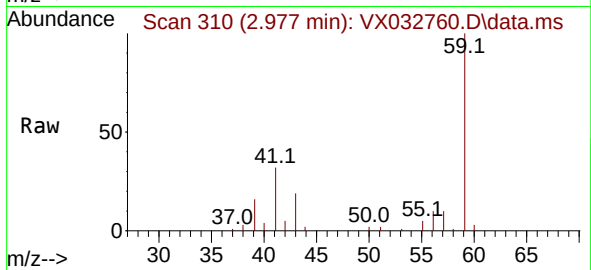
#23
tert-Butyl Alcohol
Concen: 125.278 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 23289
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

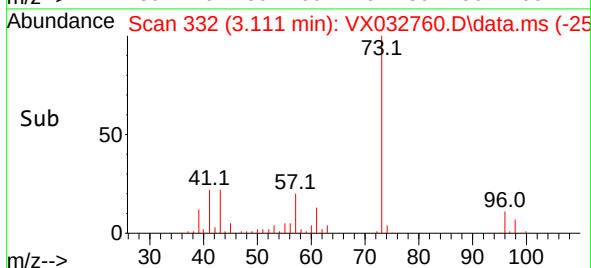
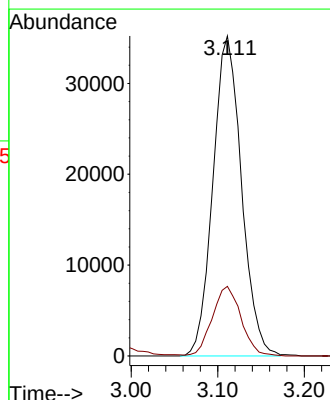
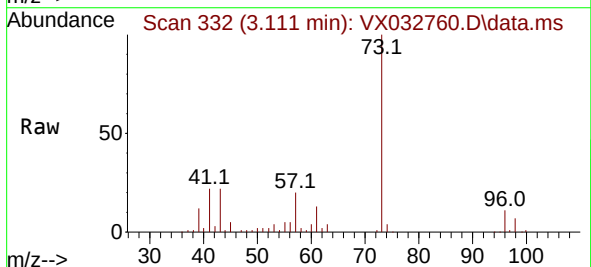
Manual Integrations
APPROVED

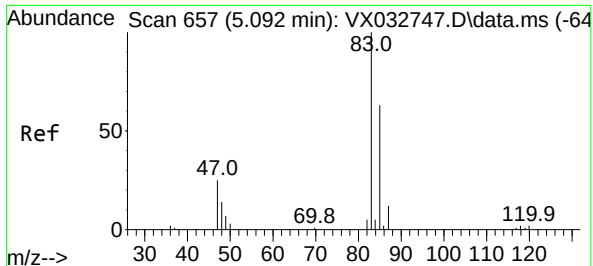
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#24
Methyl tert-Butyl Ether
Concen: 20.883 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 73 Resp: 80625
Ion Ratio Lower Upper
73 100
43 21.9 14.8 22.2





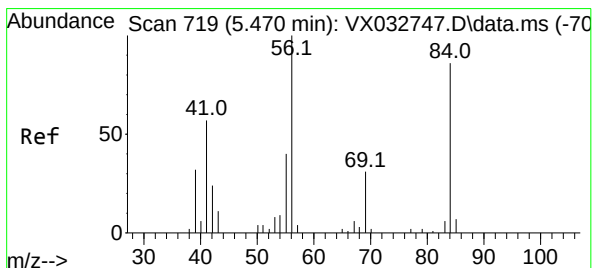
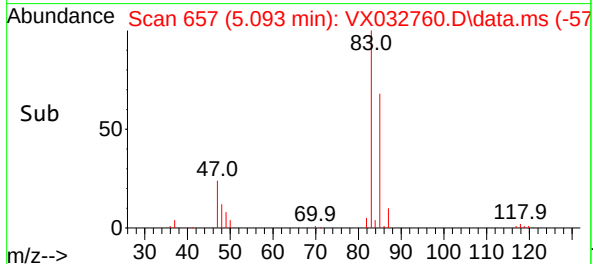
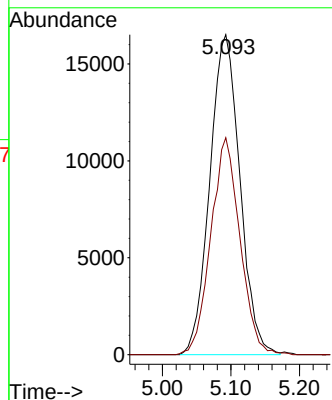
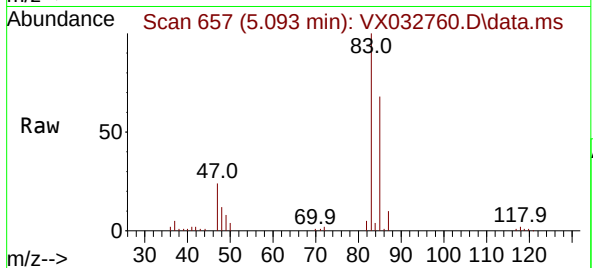
#25
Chloroform
Concen: 20.954 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5039
Ion Ratio Lower Upper
83 100
85 67.4 51.4 77.0

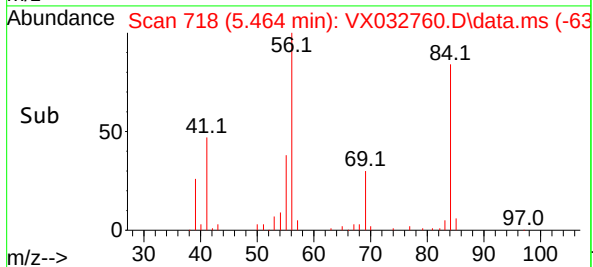
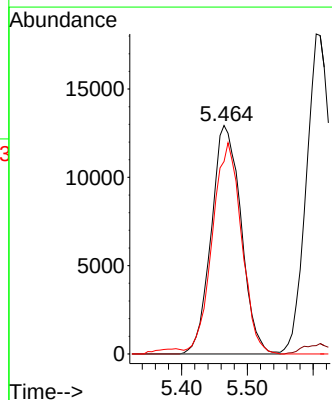
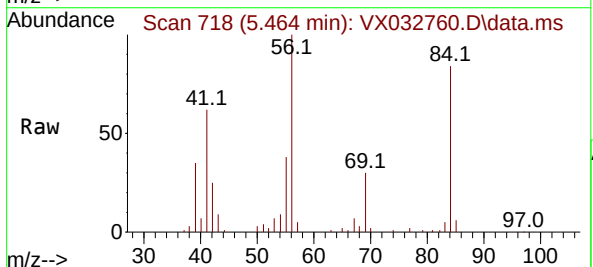
Manual Integrations
APPROVED

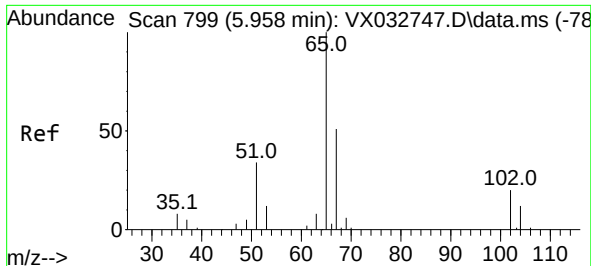
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#26
Cyclohexane
Concen: 21.632 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 56 Resp: 40738
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 31.050 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 33199

Ion Ratio Lower Upper

65 100

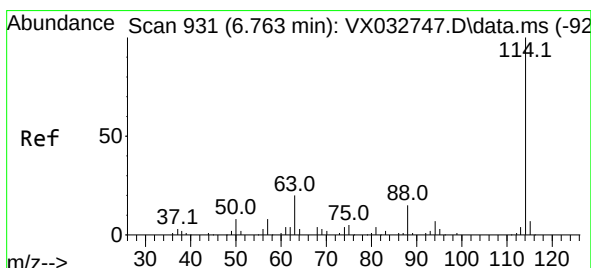
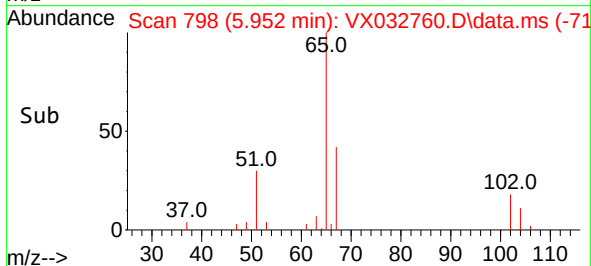
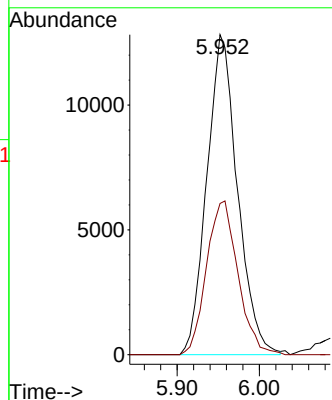
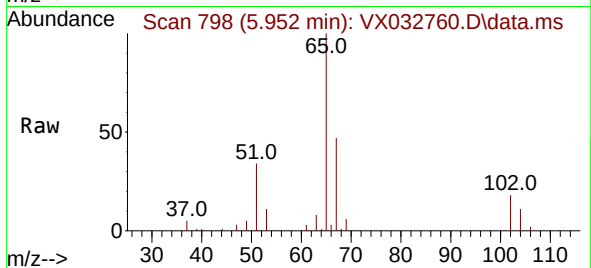
67 49.2 41.8 62.6

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

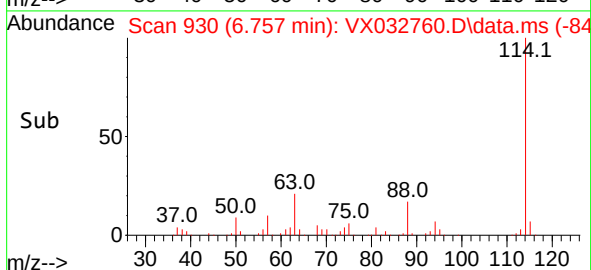
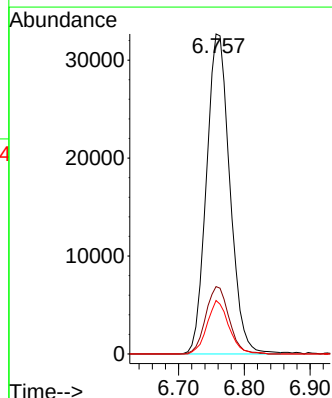
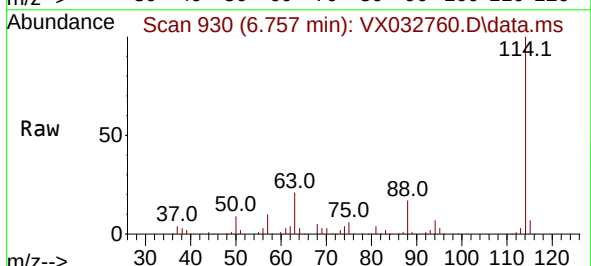
Tgt Ion:114 Resp: 80801

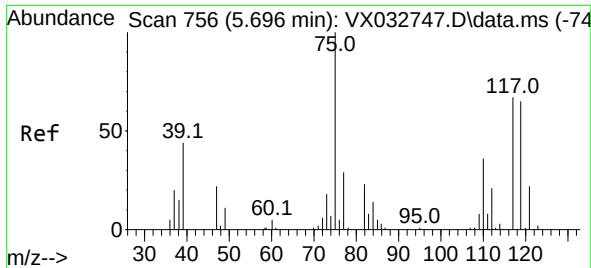
Ion Ratio Lower Upper

114 100

63 20.9 13.6 20.4#

88 15.5 11.8 17.6





#29

1,1-Dichloropropene

Concen: 20.754 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 3719

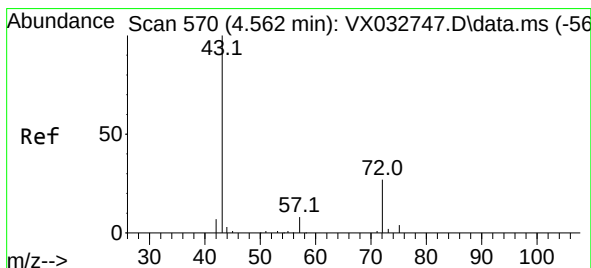
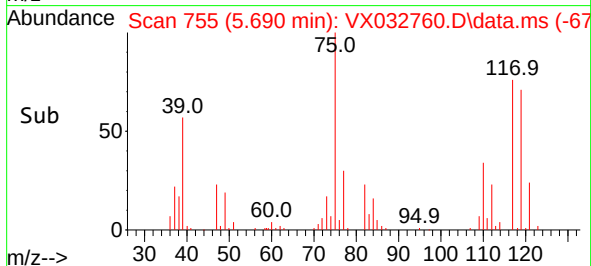
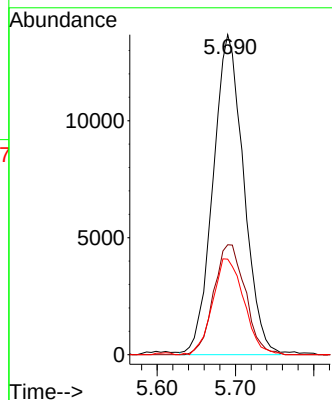
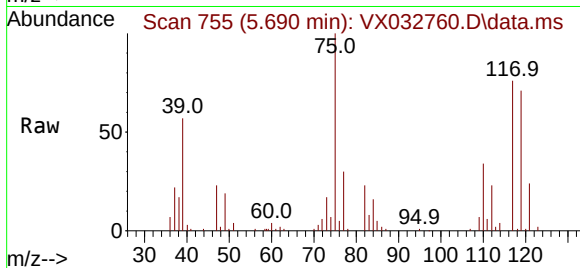
Ion	Ratio	Lower	Upper
75	100		
110	35.3	0.0	80.4
77	30.6	0.0	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#30

2-Butanone

Concen: 112.290 ug/l

RT: 4.556 min Scan# 569

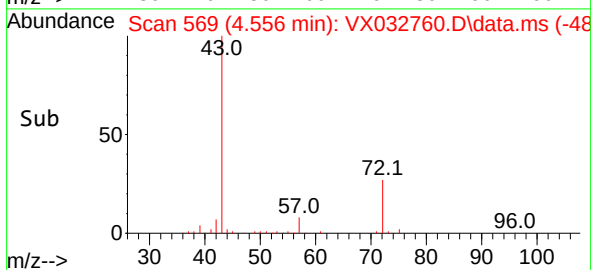
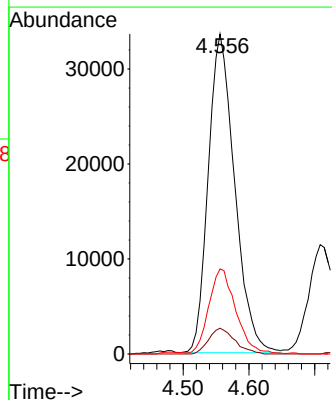
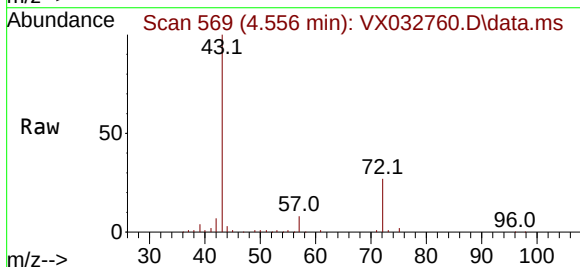
Delta R.T. -0.006 min

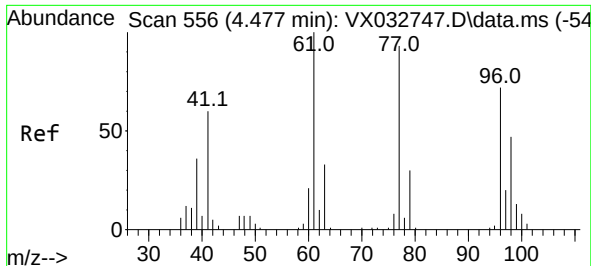
Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Tgt Ion: 43 Resp: 93827

Ion	Ratio	Lower	Upper
43	100		
57	7.9	7.5	11.3
72	27.2	26.6	39.8





#31

2,2-Dichloropropane

Concen: 24.881 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 3813

Ion Ratio Lower Upper

77 100

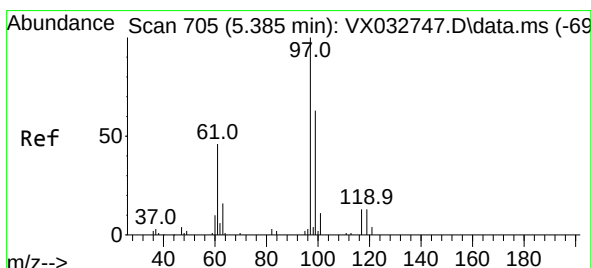
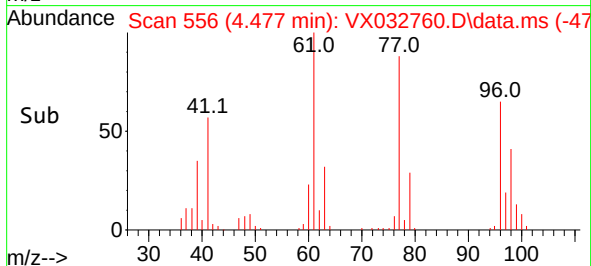
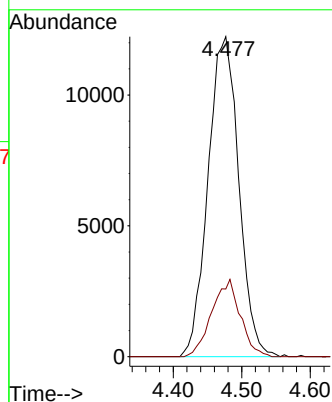
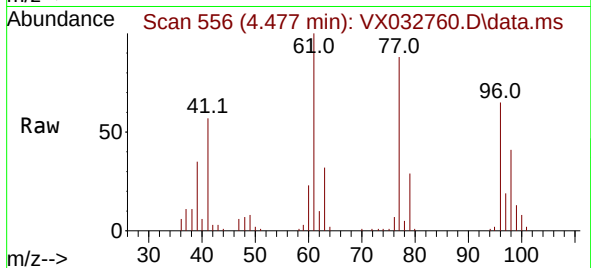
97 22.4 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#32

1,1,1-Trichloroethane

Concen: 19.940 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

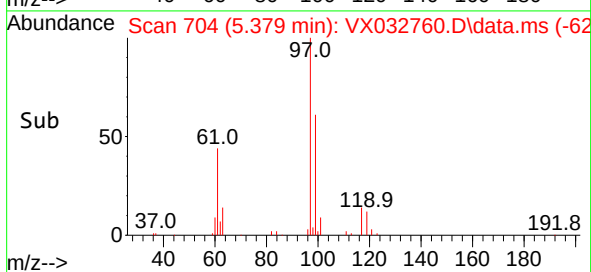
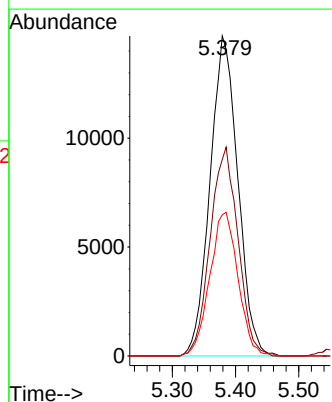
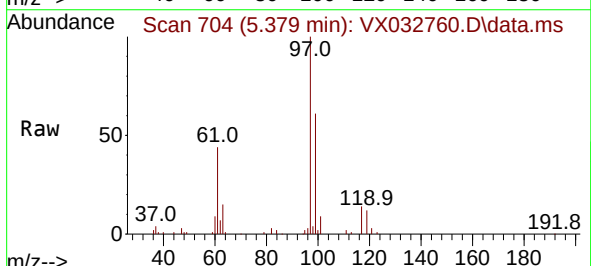
Tgt Ion: 97 Resp: 44949

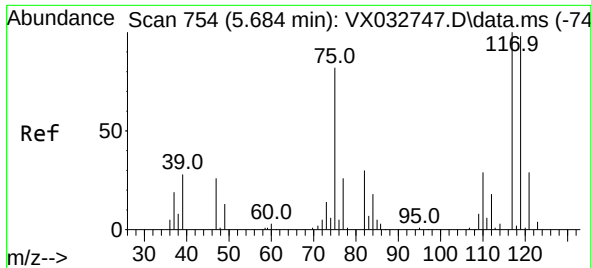
Ion Ratio Lower Upper

97 100

99 65.1 53.8 80.6

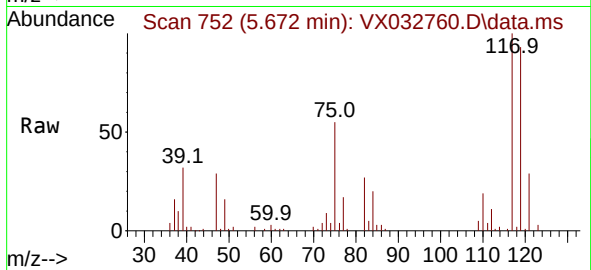
61 45.4 31.3 46.9





#33
Carbon Tetrachloride
Concen: 20.375 ug/l
RT: 5.672 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

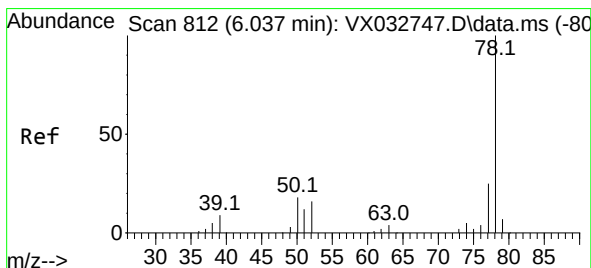
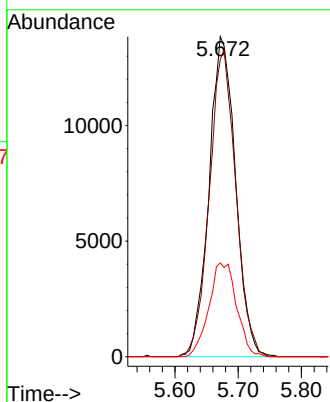
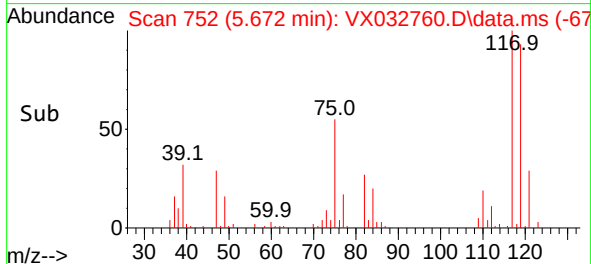
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 40320
Ion Ratio Lower Upper
117 100
119 92.9 75.4 113.2
121 29.3 24.4 36.6

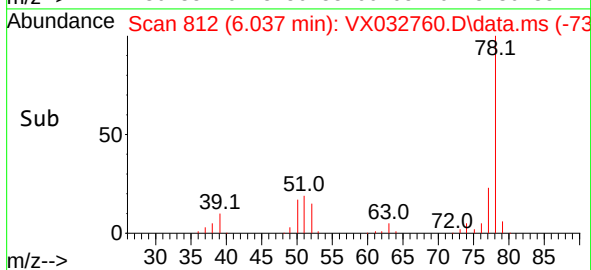
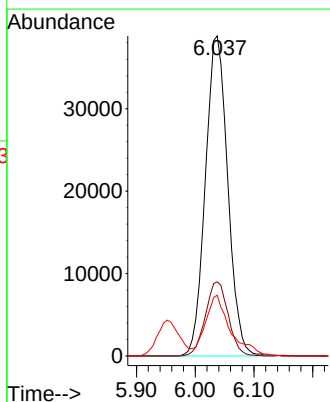
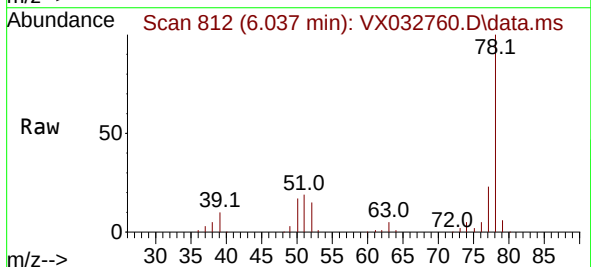
Manual Integrations
APPROVED

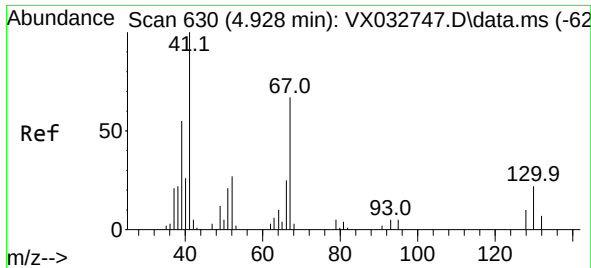
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#34
Benzene
Concen: 20.361 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

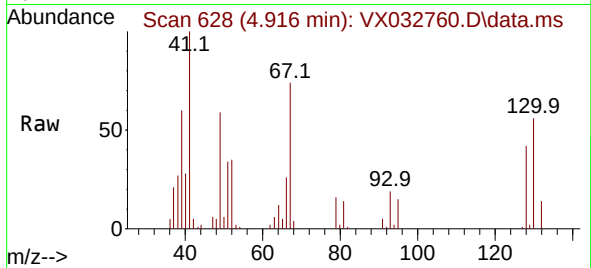
Tgt Ion: 78 Resp: 102807
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6
51 18.8 10.6 15.8#





#35
Methacrylonitrile
Concen: 19.116 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

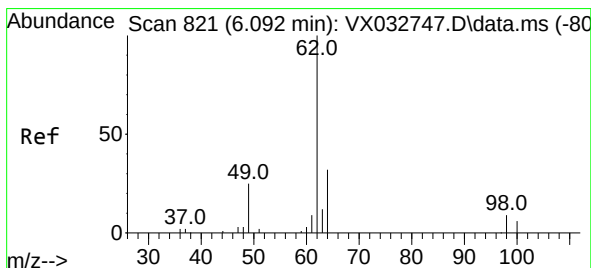
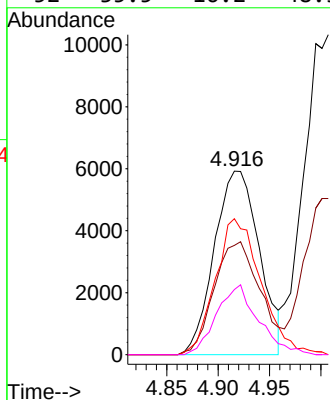
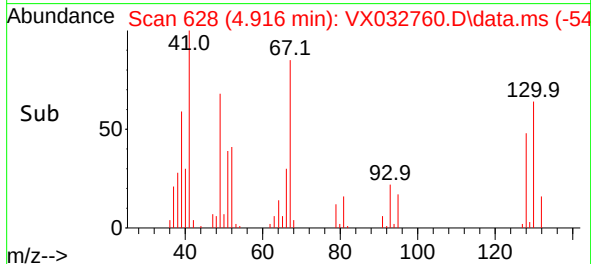
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	1809
Ion	Ratio	Lower	Upper
41	100		
39	59.6	26.9	80.7
67	74.1	40.6	121.8
52	35.5	16.2	48.5

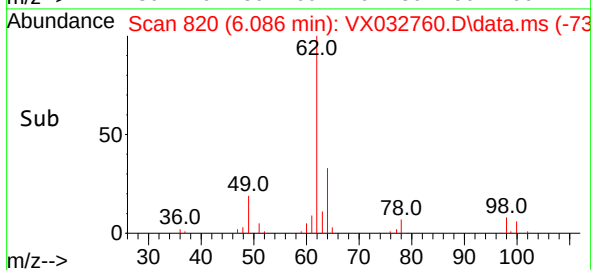
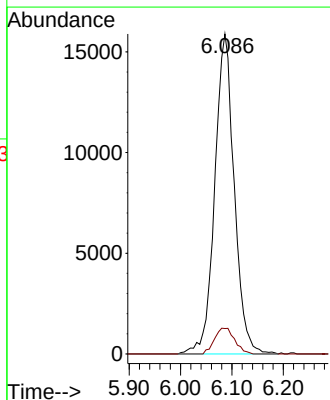
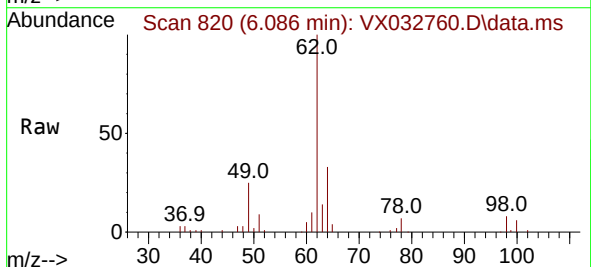
Manual Integrations
APPROVED

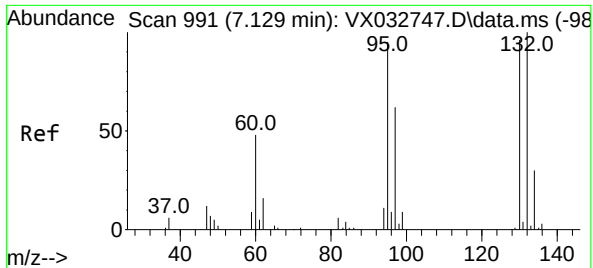
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#36
1,2-Dichloroethane
Concen: 20.130 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion:	62	Resp:	41842
Ion	Ratio	Lower	Upper
62	100		
98	8.4	8.8	13.2#





#37

Trichloroethene

Concen: 20.039 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 28300

Ion Ratio Lower Upper

130 100

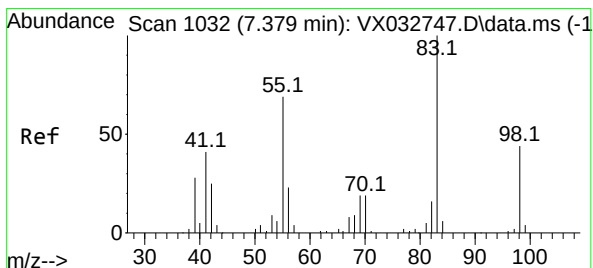
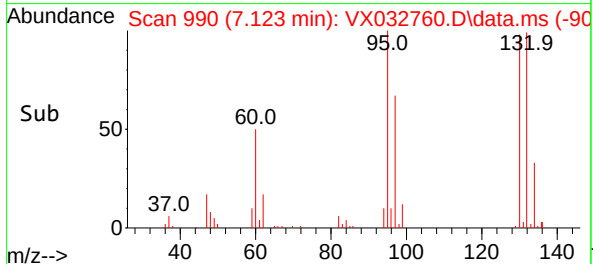
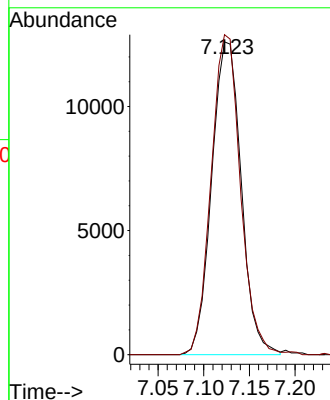
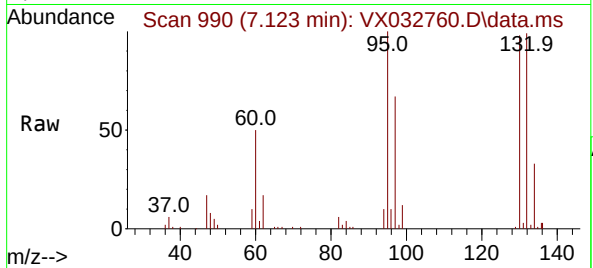
95 102.3 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#38

Methylcyclohexane

Concen: 21.509 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

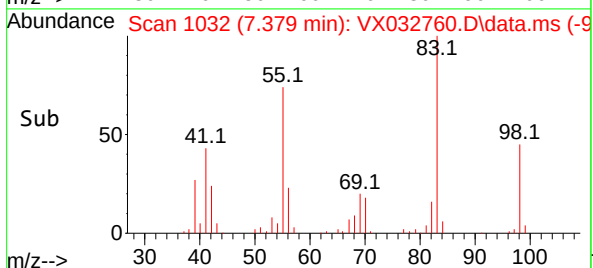
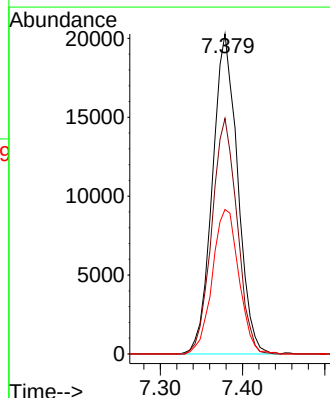
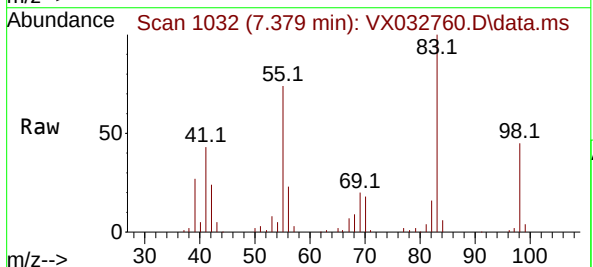
Tgt Ion: 83 Resp: 43186

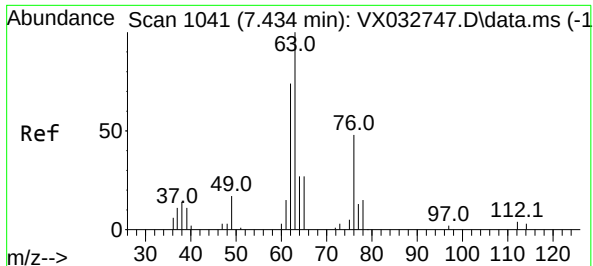
Ion Ratio Lower Upper

83 100

55 73.9 31.6 94.7

98 47.7 26.9 80.6





#39

1,2-Dichloropropane

Concen: 20.297 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2594

Ion Ratio Lower Upper

63 100

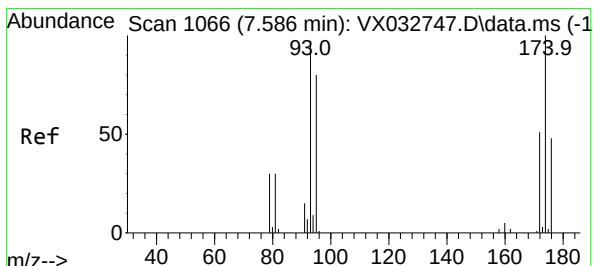
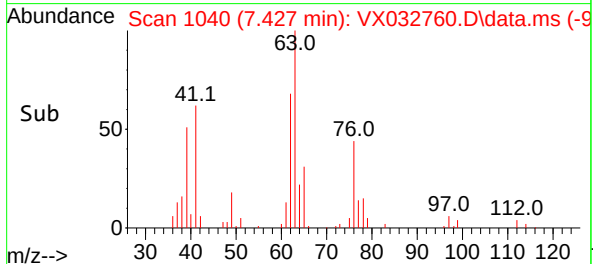
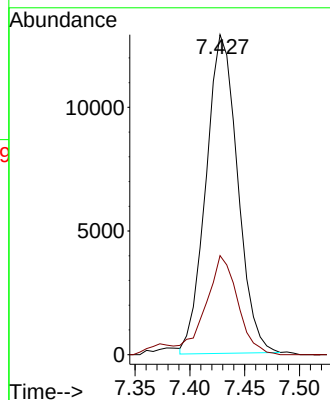
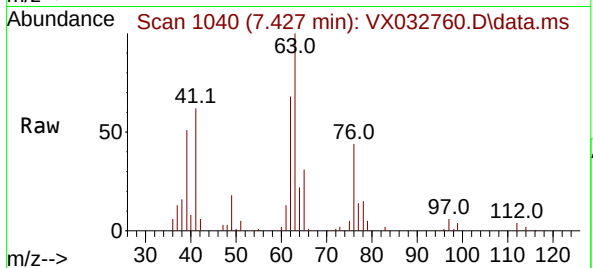
65 31.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#40

Dibromomethane

Concen: 19.891 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

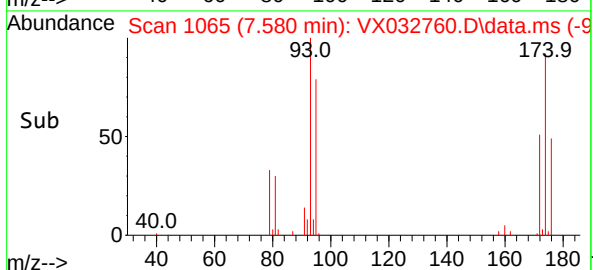
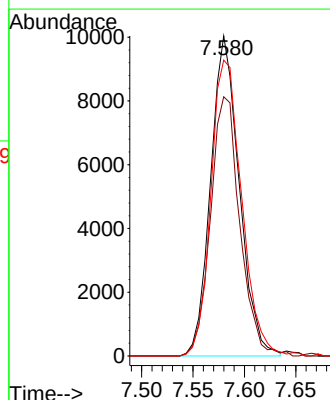
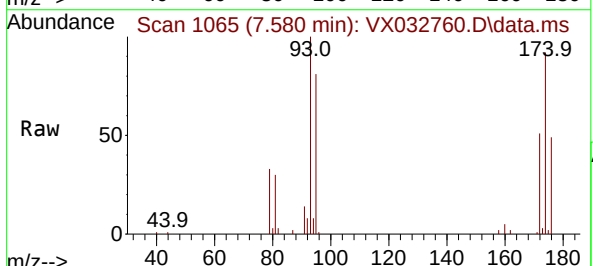
Tgt Ion: 93 Resp: 19410

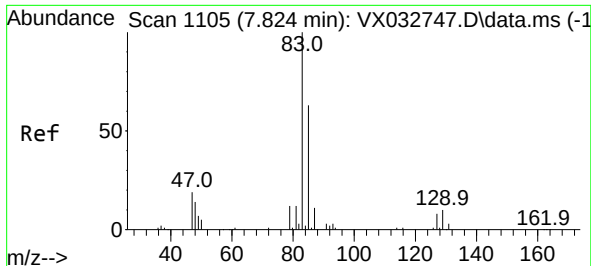
Ion Ratio Lower Upper

93 100

95 83.3 0.0 165.0

174 99.0 0.0 205.2





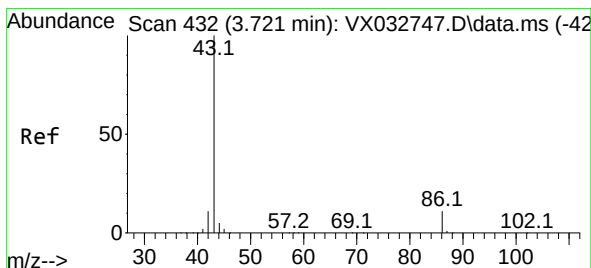
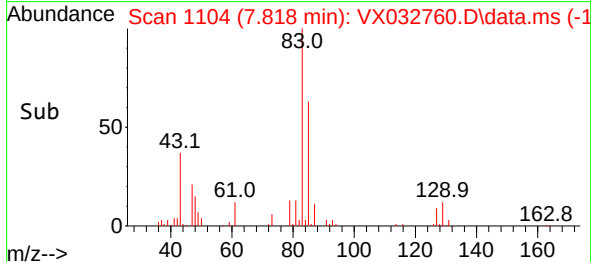
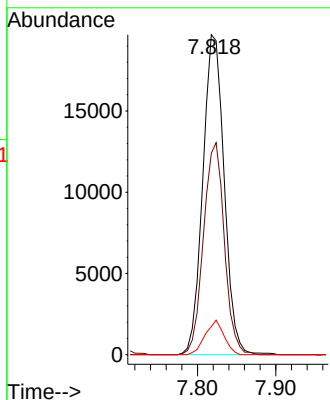
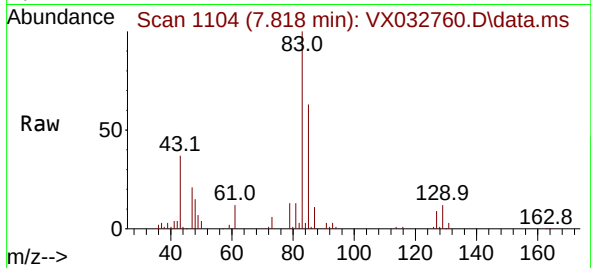
#41
Bromodichloromethane
Concen: 20.075 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 37339
Ion Ratio Lower Upper
83 100
85 62.9 52.3 78.5
127 8.8 6.8 10.2

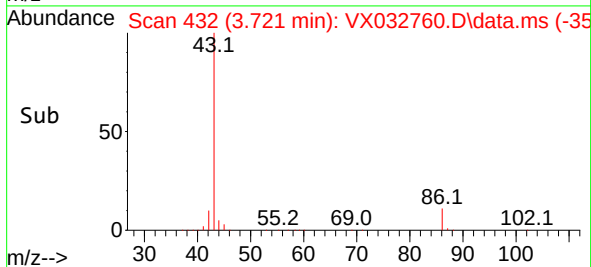
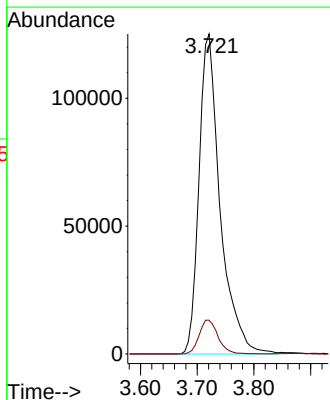
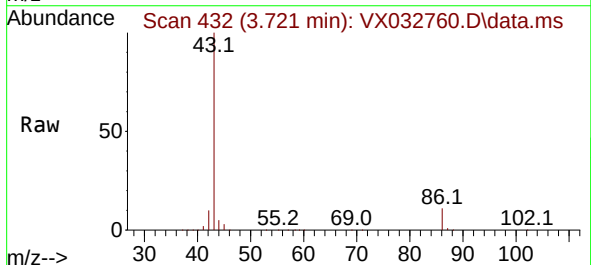
Manual Integrations
APPROVED

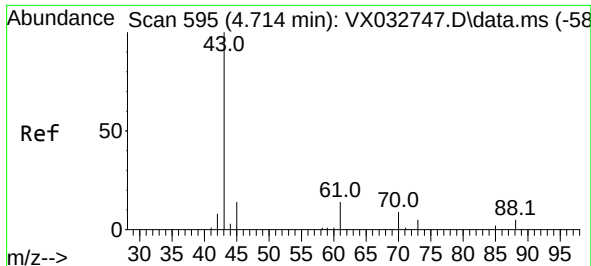
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#42
Vinyl Acetate
Concen: 101.077 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

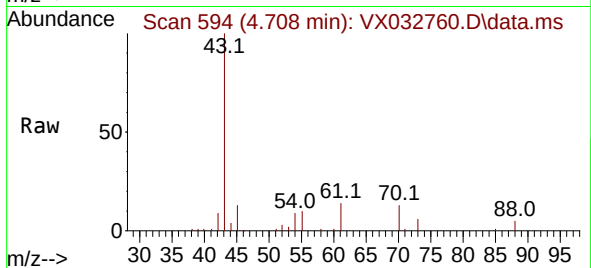
Tgt Ion: 43 Resp: 324528
Ion Ratio Lower Upper
43 100
86 9.4 10.3 15.5#





#43
Ethyl Acetate
Concen: 20.907 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

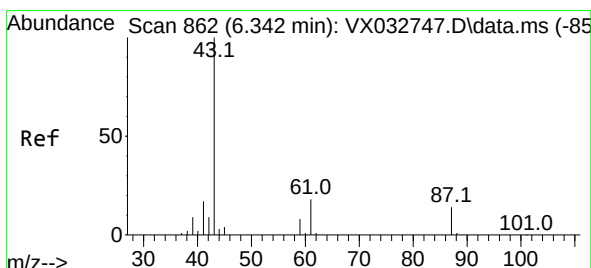
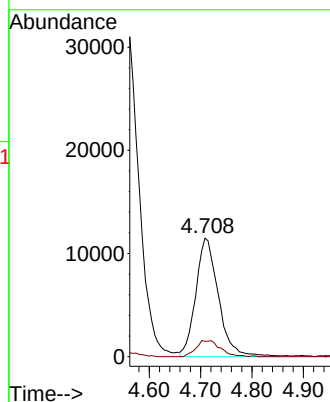
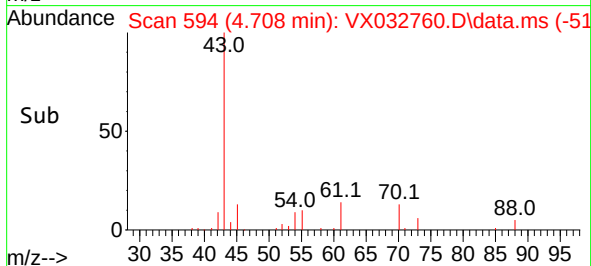
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 35142
Ion Ratio Lower Upper
43 100
45 6.2 8.2 12.2

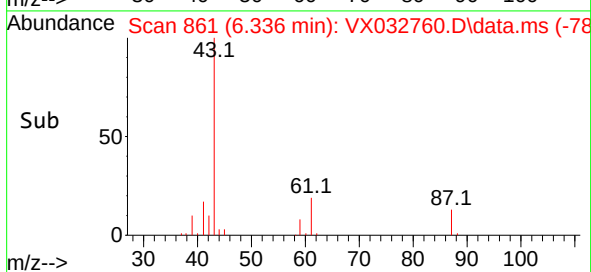
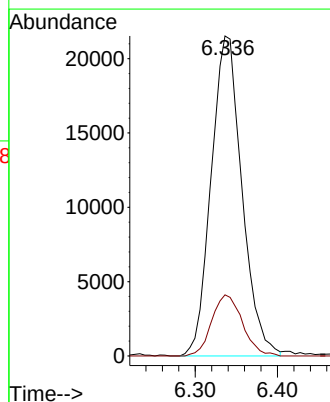
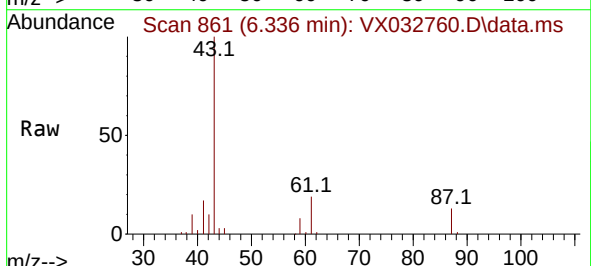
Manual Integrations
APPROVED

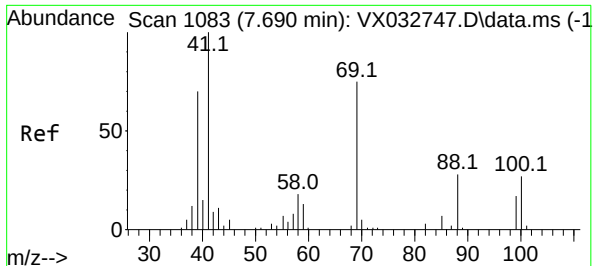
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#44
Isopropyl Acetate
Concen: 19.889 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 43 Resp: 56025
Ion Ratio Lower Upper
43 100
61 19.1 17.2 25.8





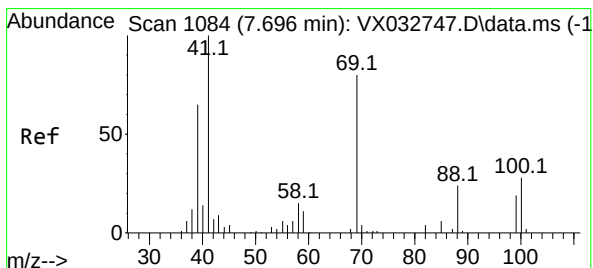
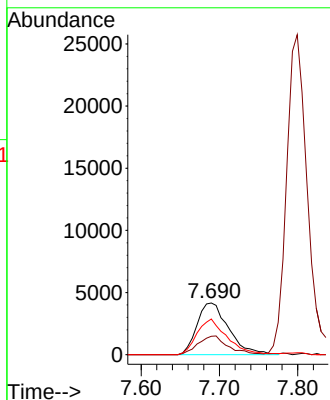
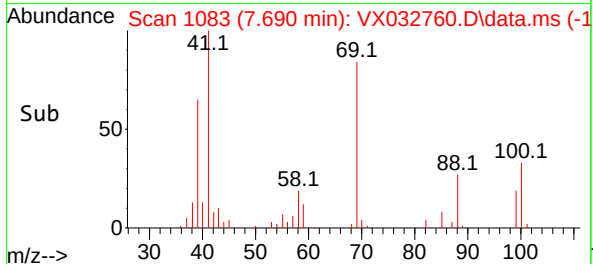
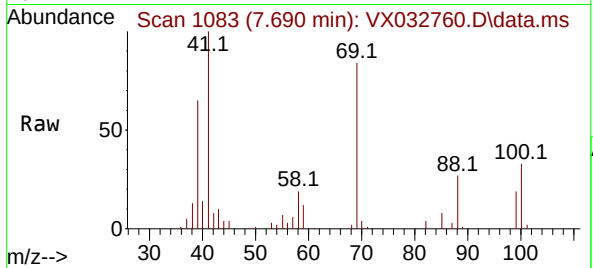
#45
1,4-Dioxane
Concen: 431.471 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 11674
Ion Ratio Lower Upper
88 100
43 30.9 20.4 30.6
58 65.2 44.0 66.0

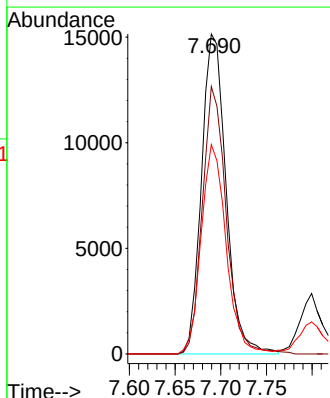
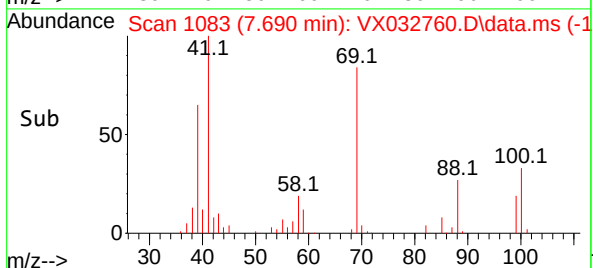
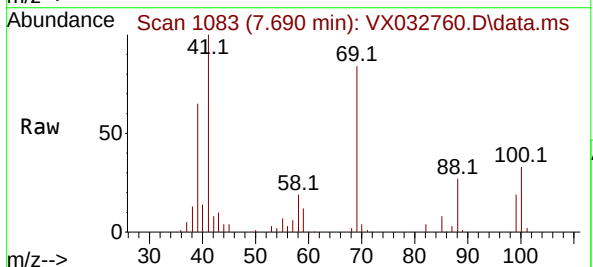
Manual Integrations
APPROVED

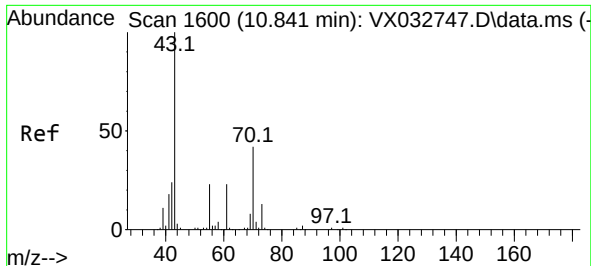
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#46
Methyl methacrylate
Concen: 19.914 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

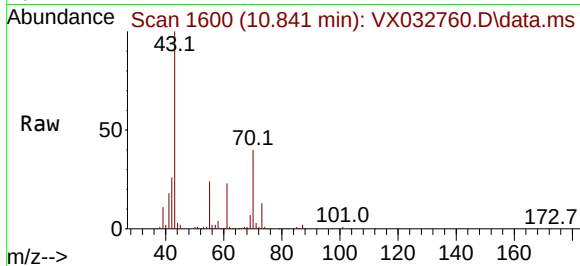
Tgt Ion: 41 Resp: 28238
Ion Ratio Lower Upper
41 100
69 83.5 50.5 151.5
39 65.4 34.6 103.8





#47
n-amyl acetate
Concen: 20.406 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

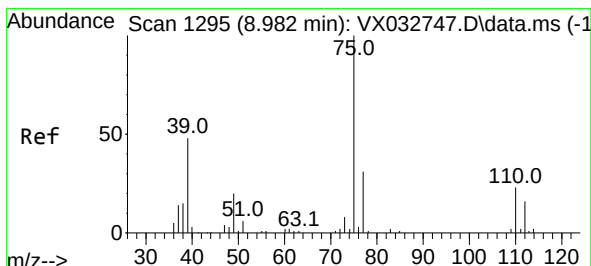
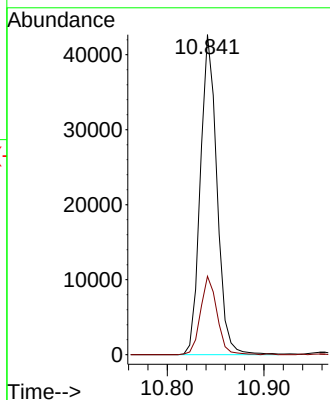
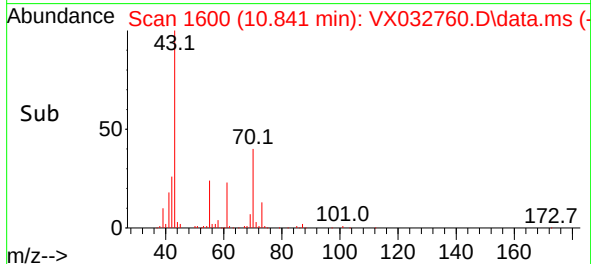
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



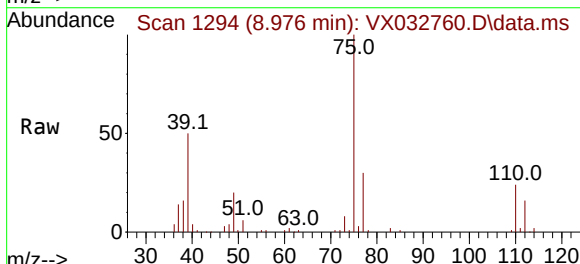
Tgt Ion: 43 Resp: 51100
Ion Ratio Lower Upper
43 100
55 24.3 21.6 32.4

Manual Integrations
APPROVED

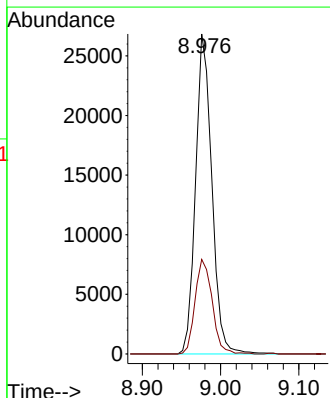
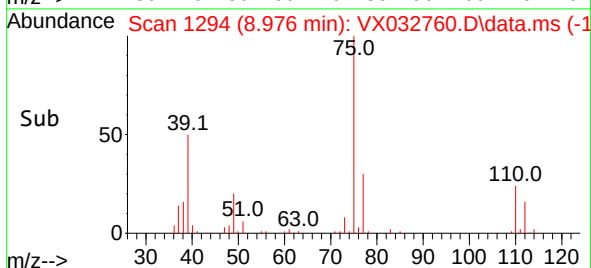
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

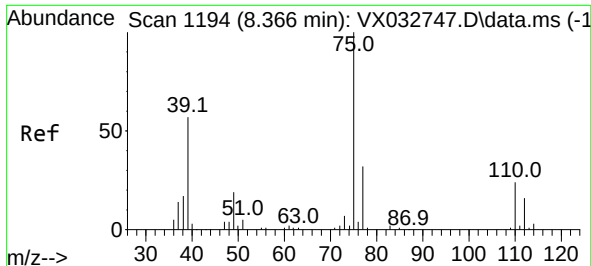


#48
t-1,3-Dichloropropene
Concen: 20.357 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion: 75 Resp: 38844
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 20.341 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 40984

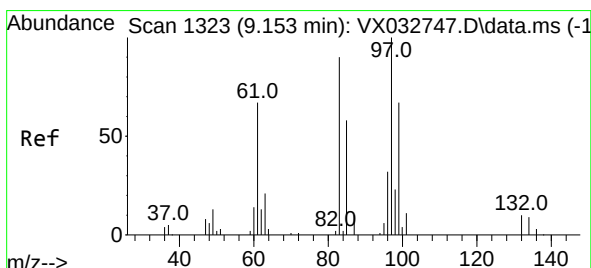
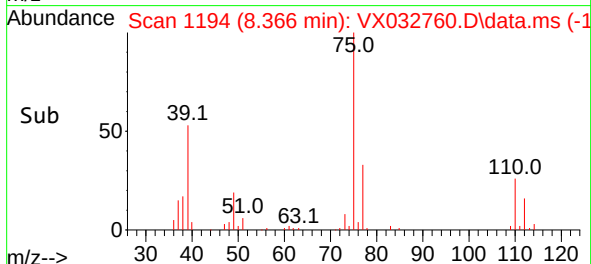
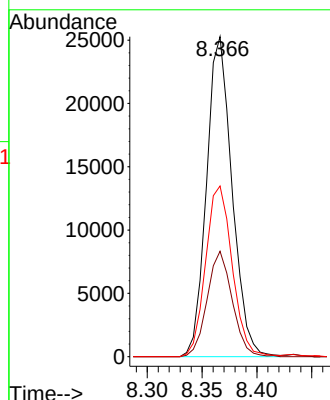
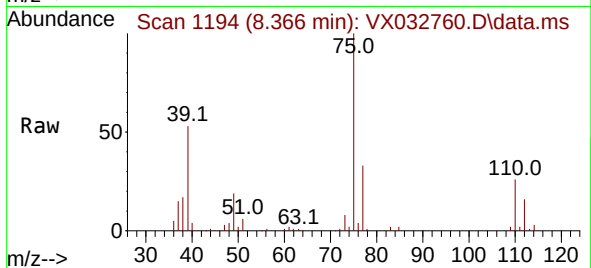
Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.7	38.5
39	53.4	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#50

1,1,2-Trichloroethane

Concen: 20.103 ug/l

RT: 9.153 min Scan# 1323

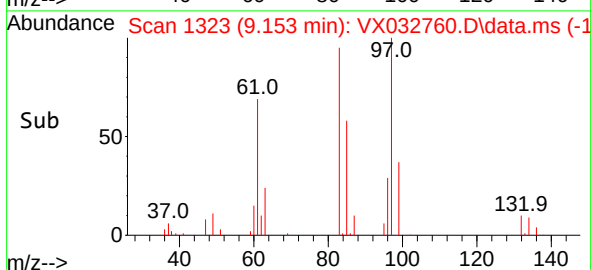
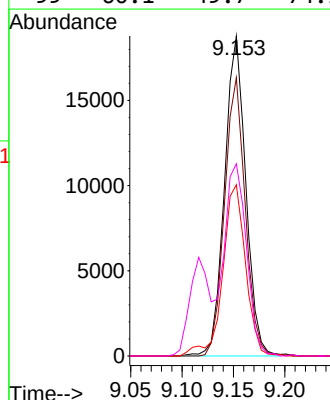
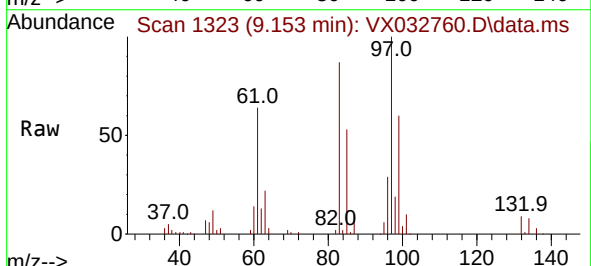
Delta R.T. 0.000 min

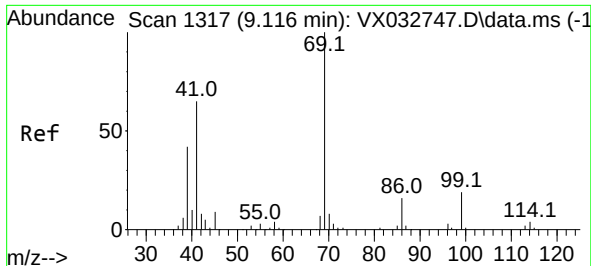
Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Tgt Ion: 97 Resp: 26972

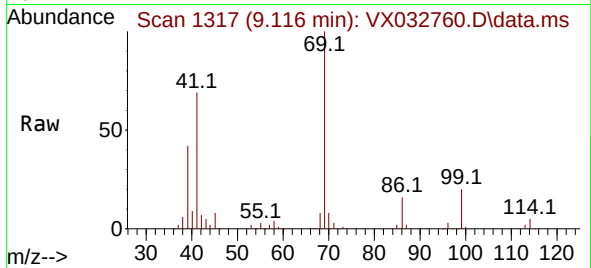
Ion	Ratio	Lower	Upper
97	100		
83	86.9	62.2	93.4
85	53.5	44.2	66.2
99	60.1	49.7	74.5





#51
Ethyl methacrylate
Concen: 19.908 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

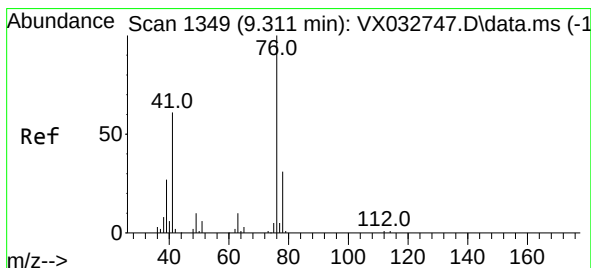
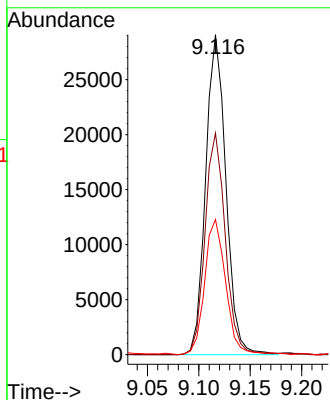
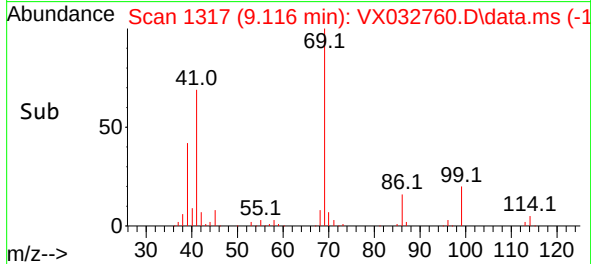
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 39890
Ion Ratio Lower Upper
69 100
41 69.2 25.9 77.7
39 42.3 17.8 53.3

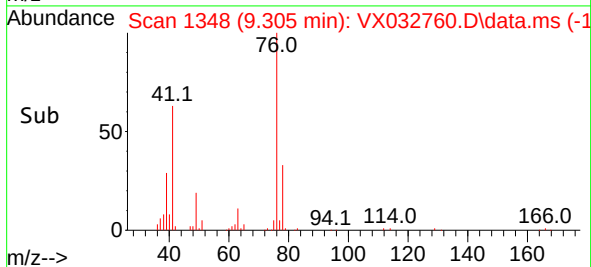
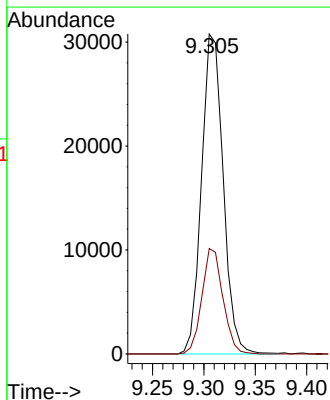
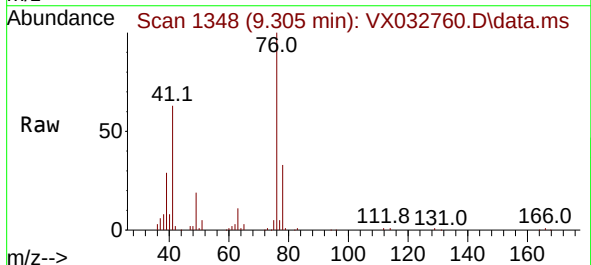
Manual Integrations
APPROVED

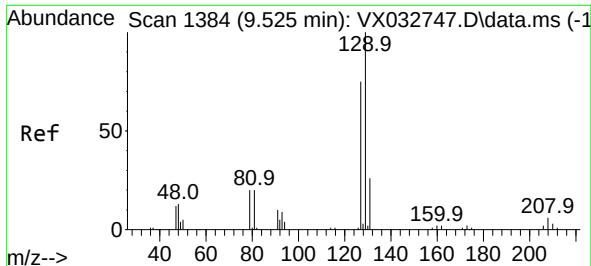
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#52
1,3-Dichloropropane
Concen: 20.582 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 76 Resp: 45146
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.0





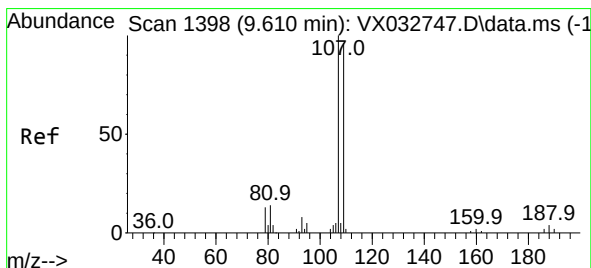
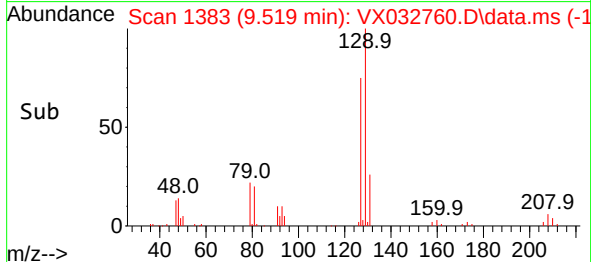
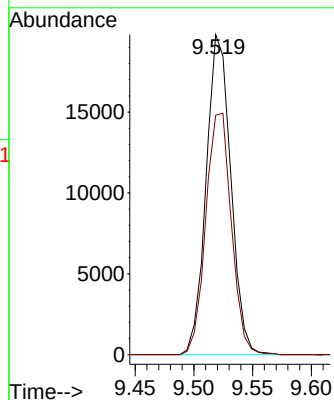
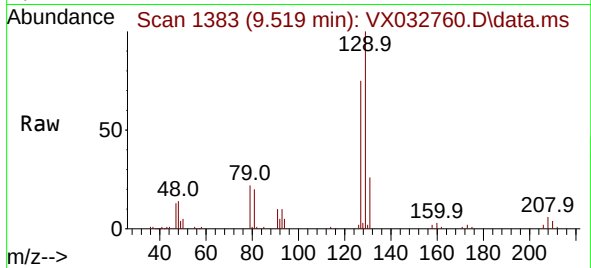
#53
Dibromochloromethane
Concen: 19.802 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 2889
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

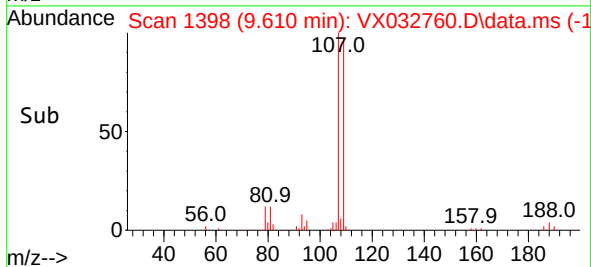
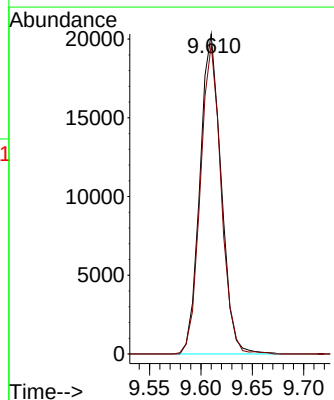
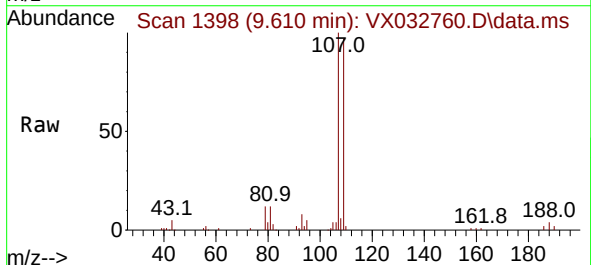
Manual Integrations
APPROVED

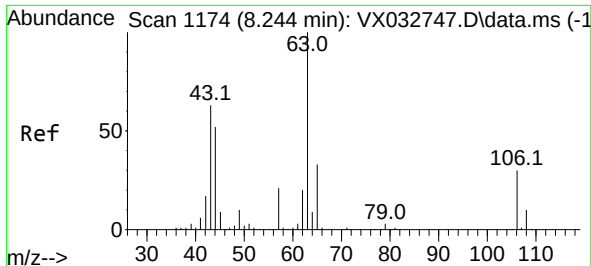
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#54
1,2-Dibromoethane
Concen: 20.201 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion:107 Resp: 29195
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 96.658 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 93590

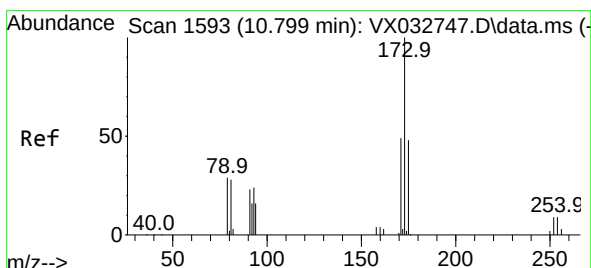
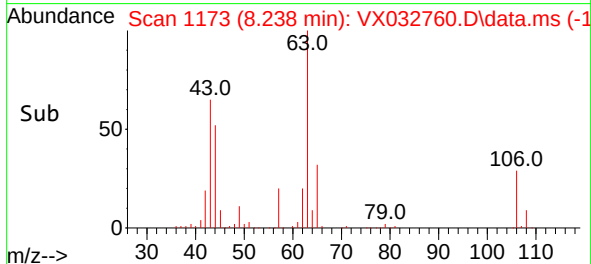
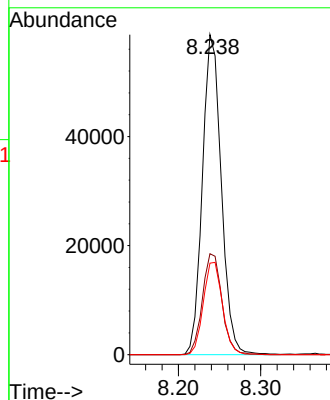
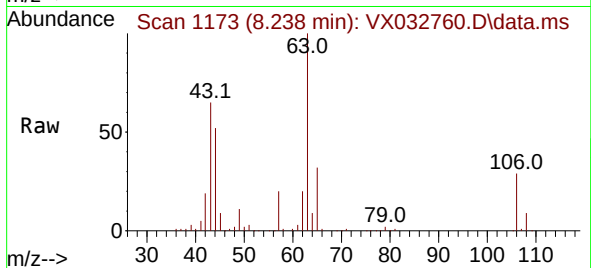
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.5	38.3
106	29.3	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#56

Bromoform

Concen: 19.128 ug/l

RT: 10.799 min Scan# 1593

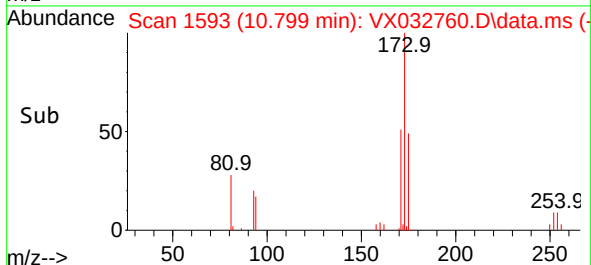
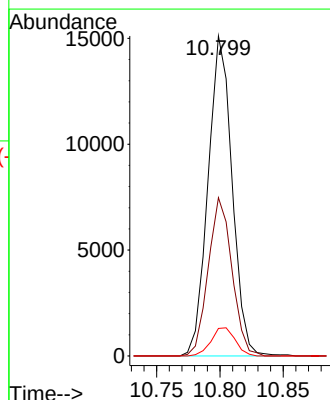
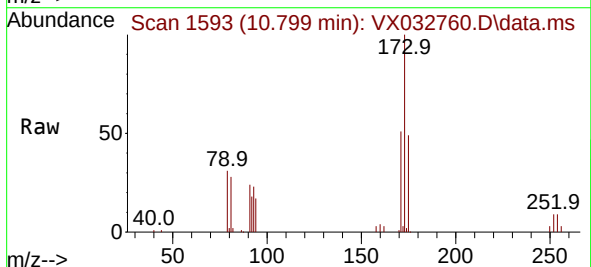
Delta R.T. 0.000 min

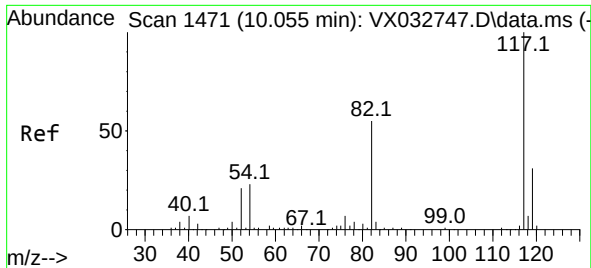
Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Tgt Ion:173 Resp: 19982

Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.6	58.0
254	8.9	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: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 8733

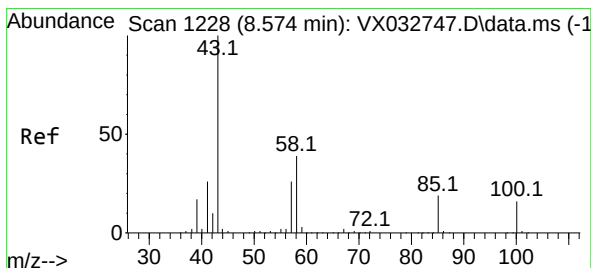
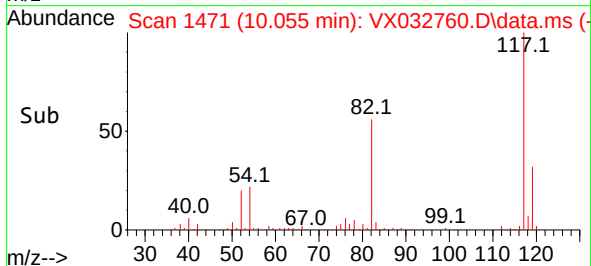
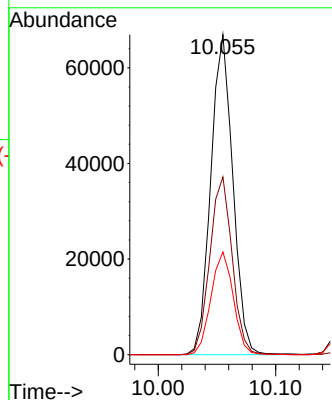
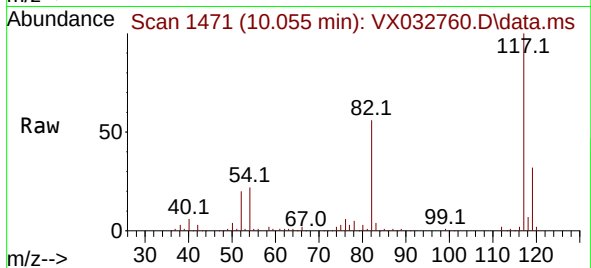
Ion	Ratio	Lower	Upper
117	100		
82	56.2	40.0	60.0
119	32.6	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#58

4-Methyl-2-Pentanone

Concen: 105.655 ug/l

RT: 8.574 min Scan# 1228

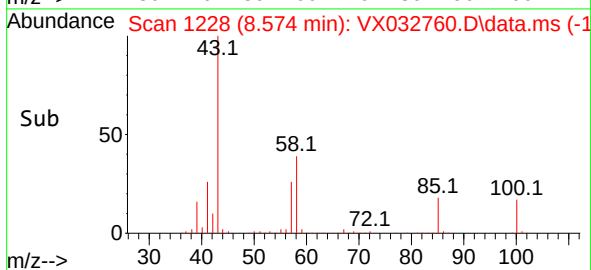
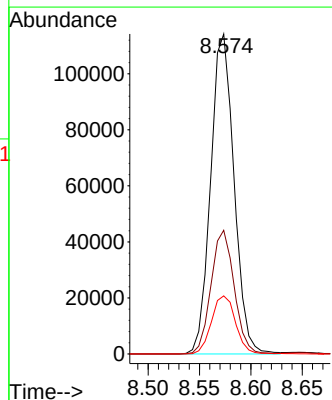
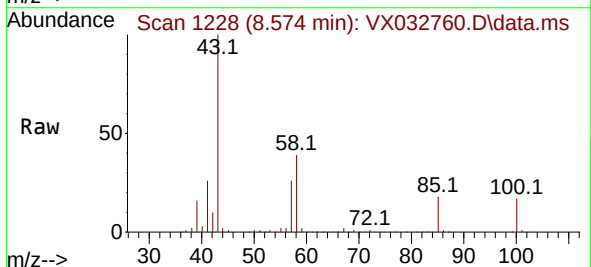
Delta R.T. 0.000 min

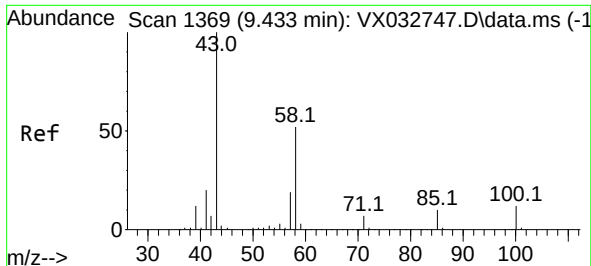
Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Tgt Ion: 43 Resp: 180625

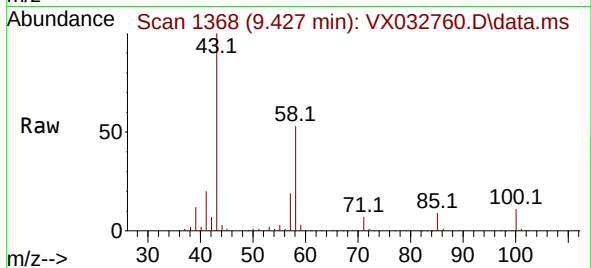
Ion	Ratio	Lower	Upper
43	100		
58	38.3	34.9	52.3
85	18.7	19.4	29.2





#59
2-Hexanone
Concen: 112.519 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

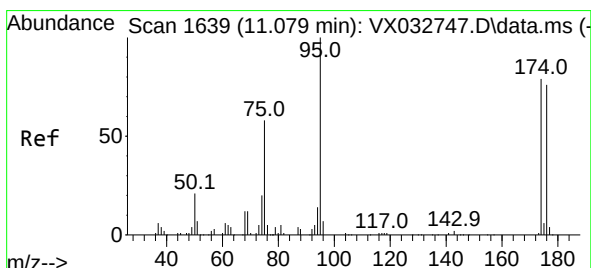
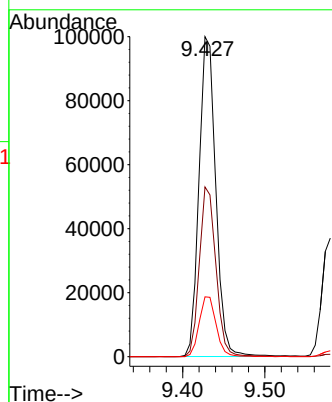
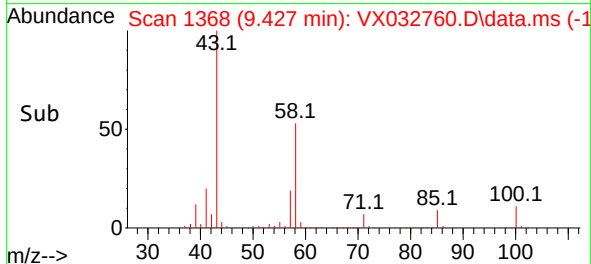
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 141629
Ion Ratio Lower Upper
43 100
58 52.5 49.0 73.6
57 18.9 17.0 25.4

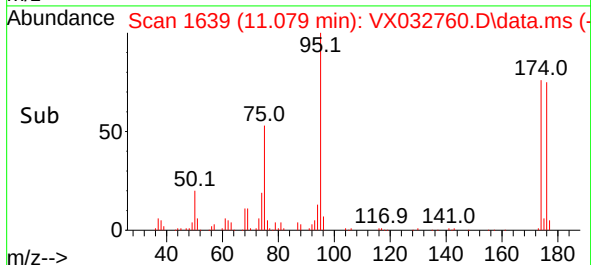
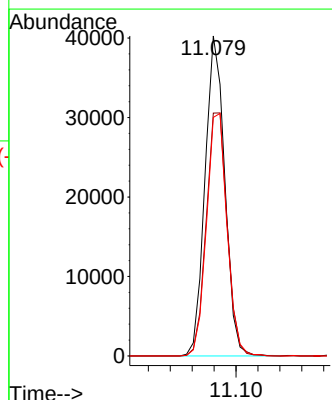
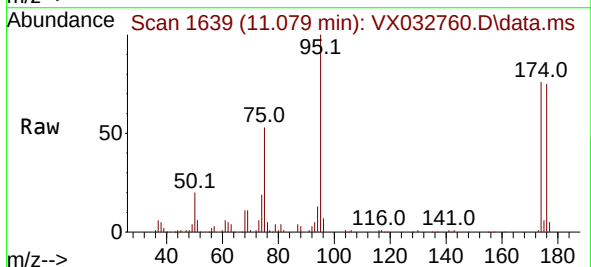
Manual Integrations
APPROVED

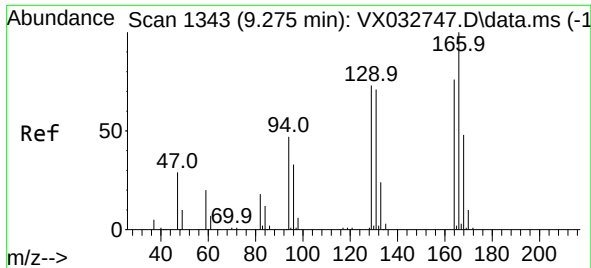
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#60
4-Bromofluorobenzene
Concen: 30.096 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

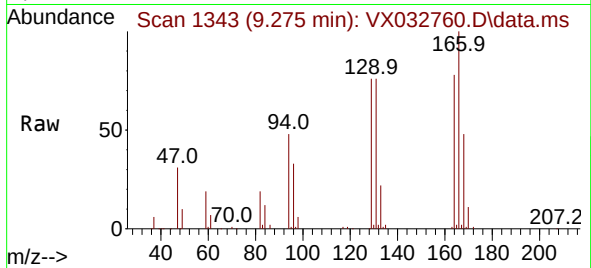
Tgt Ion: 95 Resp: 50277
Ion Ratio Lower Upper
95 100
174 80.6 68.2 102.2
176 78.6 68.1 102.1





#61
Tetrachloroethene
Concen: 20.463 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

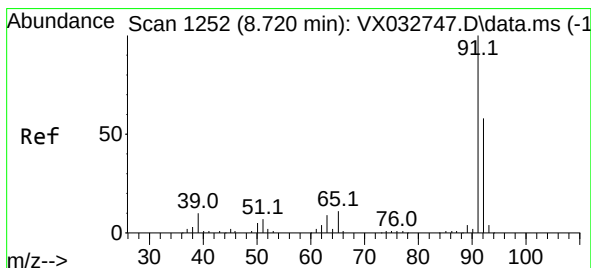
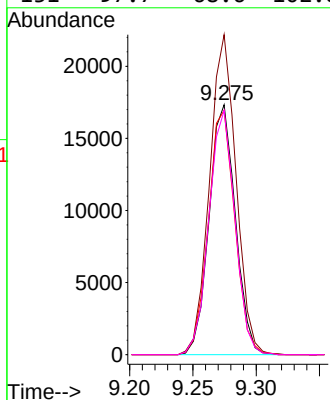
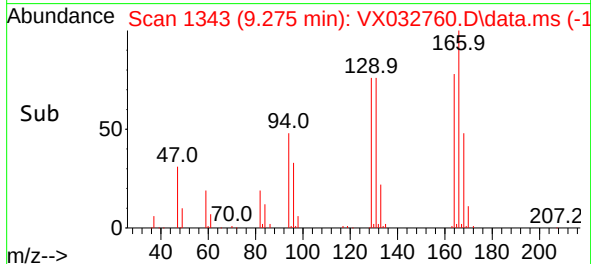
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



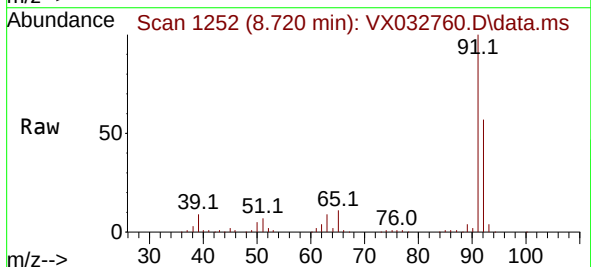
Tgt Ion:164 Resp: 2497
Ion Ratio Lower Upper
164 100
166 128.0 102.8 154.2
129 97.7 73.0 109.4
131 97.7 68.6 102.8

Manual Integrations
APPROVED

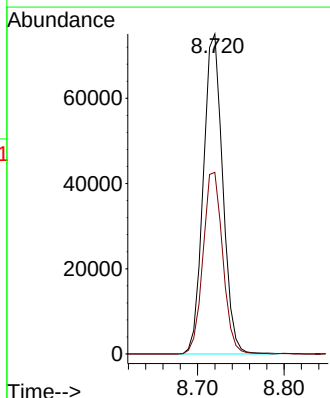
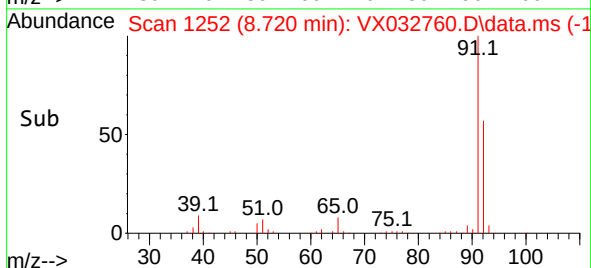
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

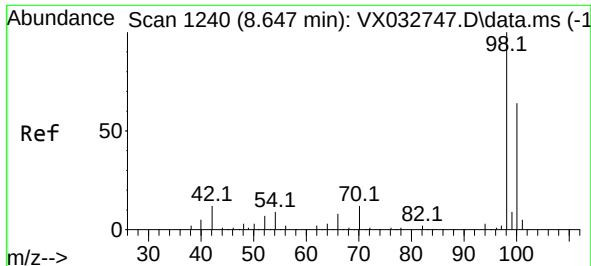


#62
Toluene
Concen: 20.572 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



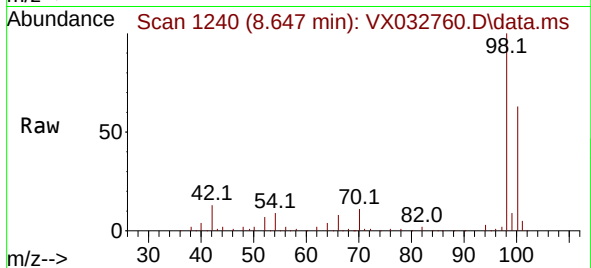
Tgt Ion: 91 Resp: 116837
Ion Ratio Lower Upper
91 100
92 57.8 47.3 70.9





#63
Toluene-d8
Concen: 30.075 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

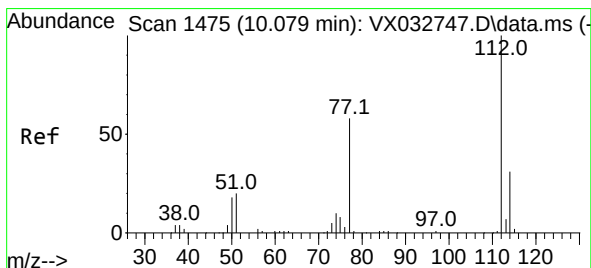
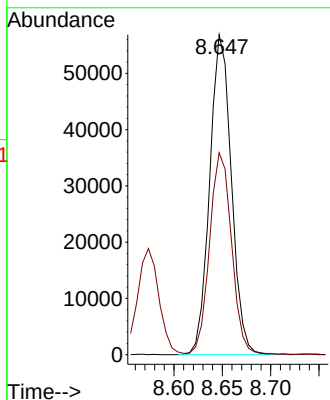
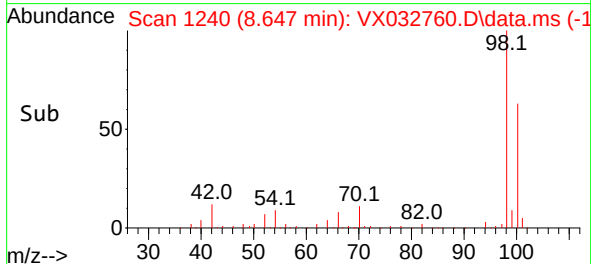
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



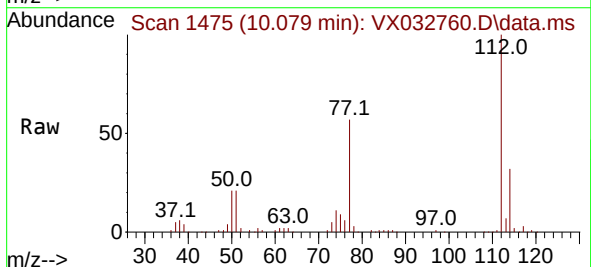
Tgt Ion: 98 Resp: 88638
Ion Ratio Lower Upper
98 100
100 64.1 53.8 80.8

Manual Integrations
APPROVED

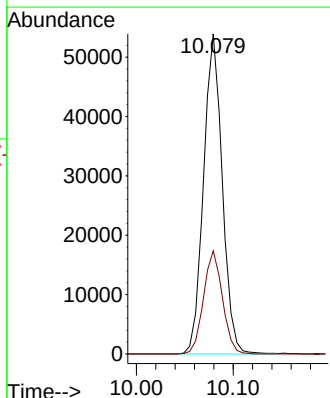
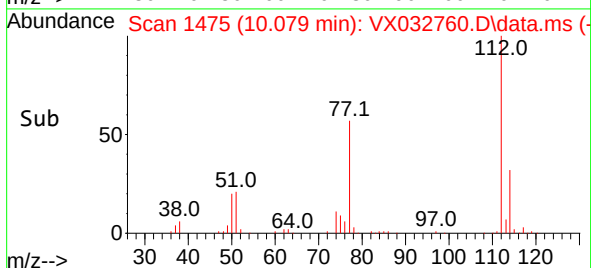
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

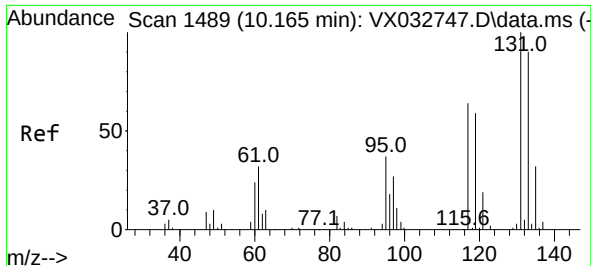


#64
Chlorobenzene
Concen: 20.700 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion:112 Resp: 72681
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5





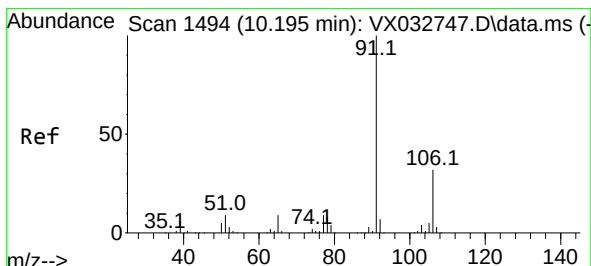
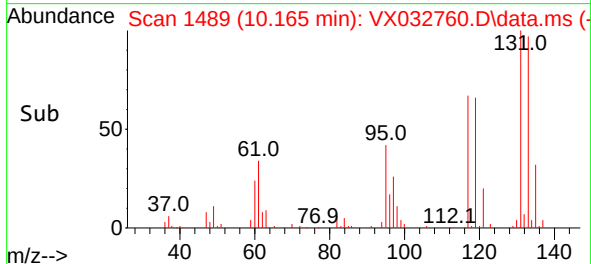
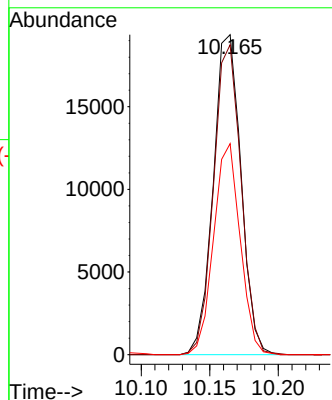
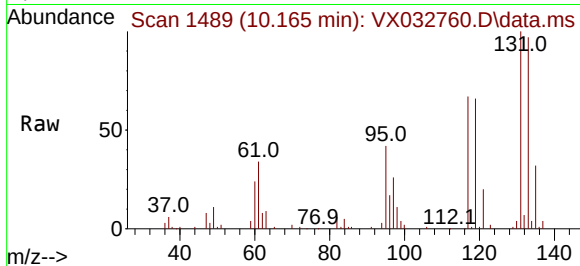
#65
1,1,1,2-Tetrachloroethane
Concen: 20.410 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 27300
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.4
119 63.1 0.0 127.0

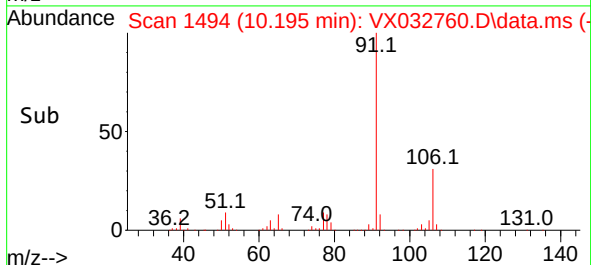
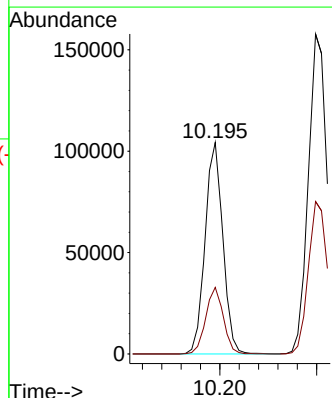
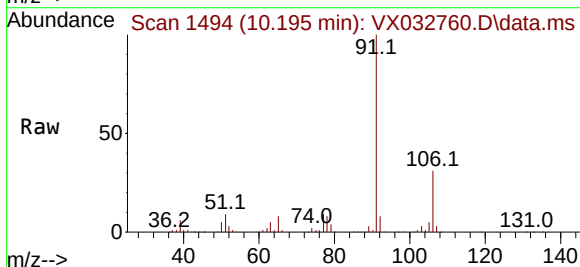
Manual Integrations
APPROVED

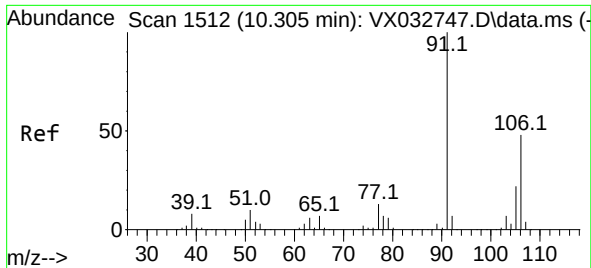
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#66
Ethyl Benzene
Concen: 20.961 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion: 91 Resp: 133551
Ion Ratio Lower Upper
91 100
106 31.4 26.7 40.1





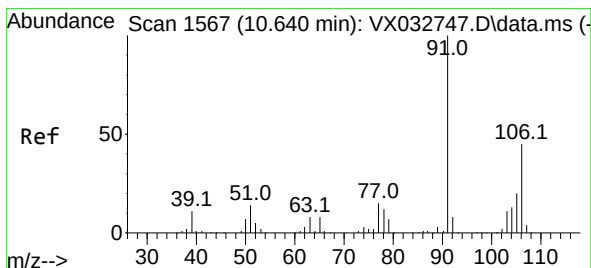
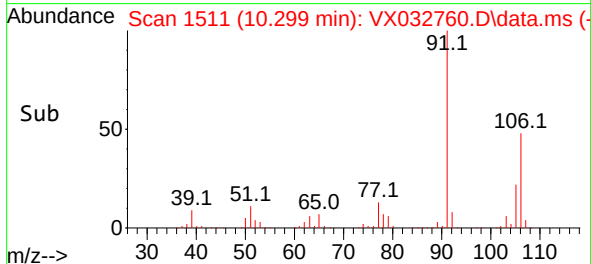
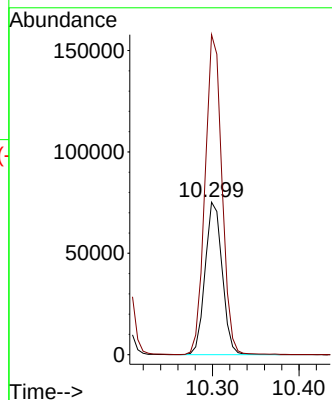
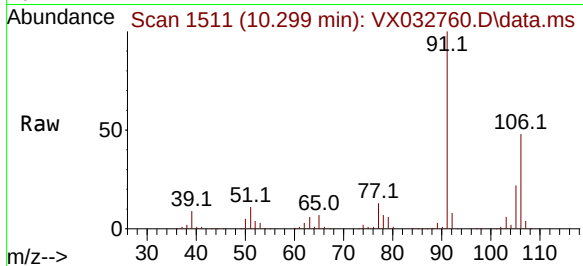
#67
m/p-Xylenes
Concen: 41.535 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 102968
Ion Ratio Lower Upper
106 100
91 207.8 152.3 228.5

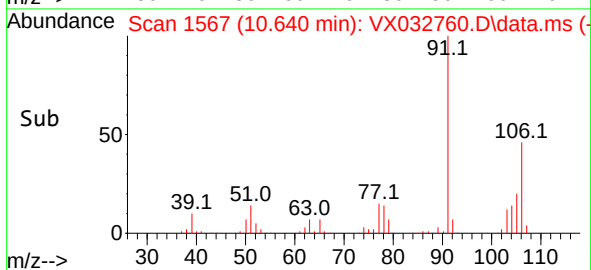
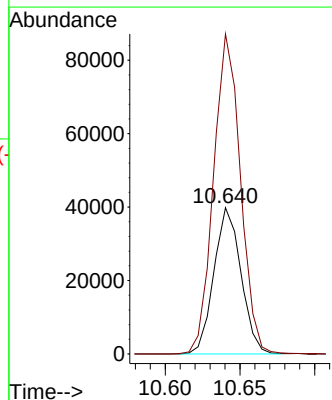
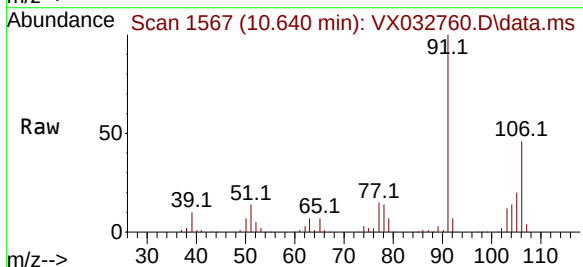
Manual Integrations
APPROVED

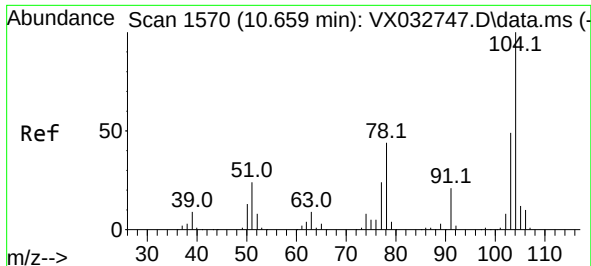
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#68
o-Xylene
Concen: 20.620 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Tgt Ion:106 Resp: 50158
Ion Ratio Lower Upper
106 100
91 217.5 101.9 305.7





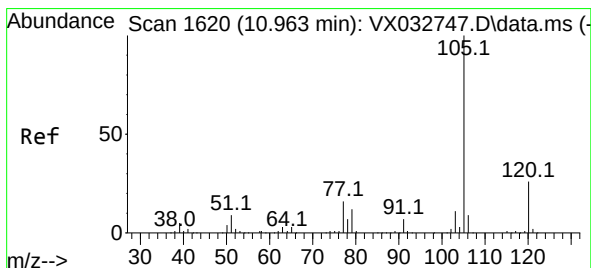
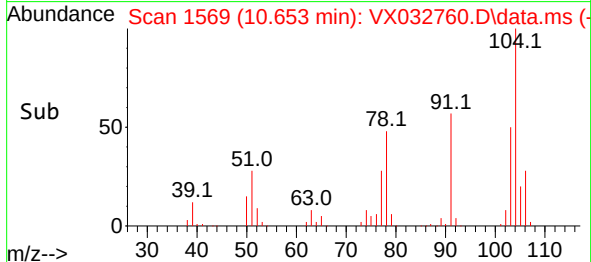
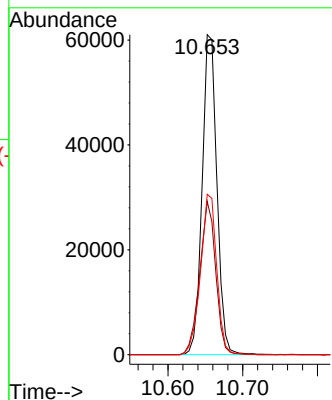
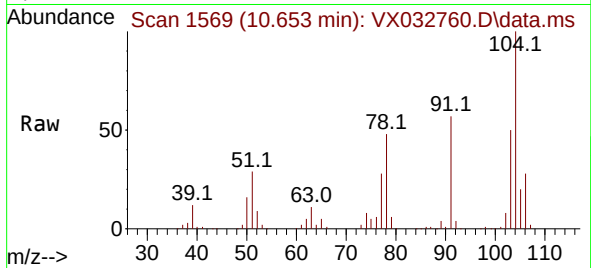
#69
Styrene
Concen: 20.707 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 8374
Ion Ratio Lower Upper
104 100
78 51.8 36.6 55.0
103 55.0 43.3 64.9

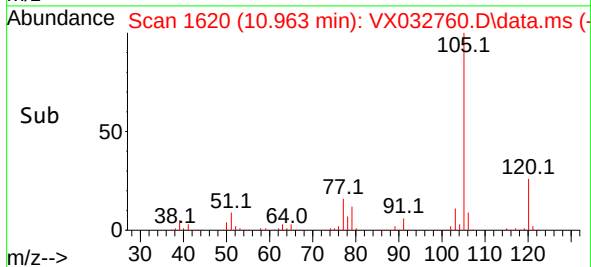
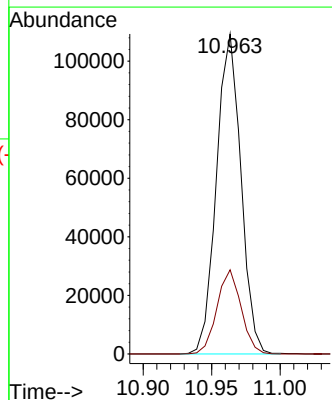
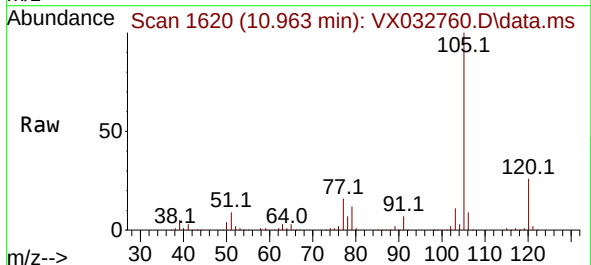
Manual Integrations
APPROVED

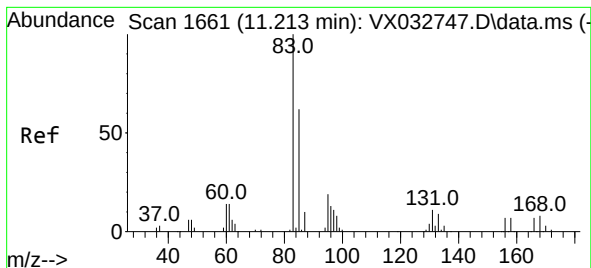
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#70
Isopropylbenzene
Concen: 20.875 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

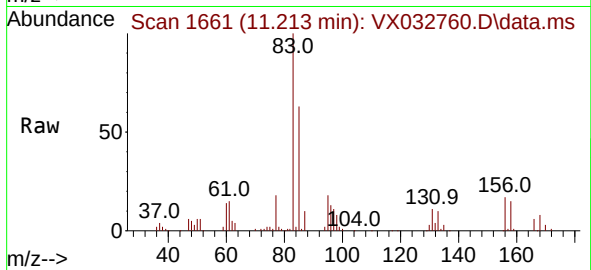
Tgt Ion:105 Resp: 135598
Ion Ratio Lower Upper
105 100
120 25.9 19.3 35.9





#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.041 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17

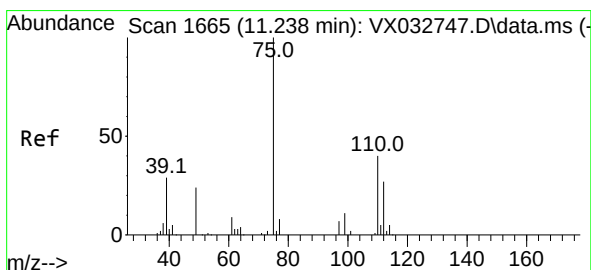
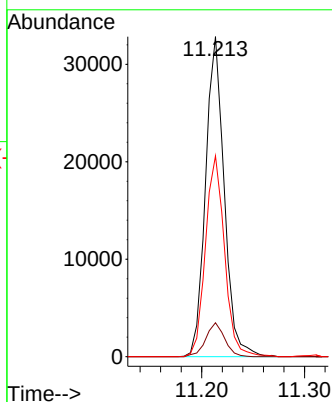
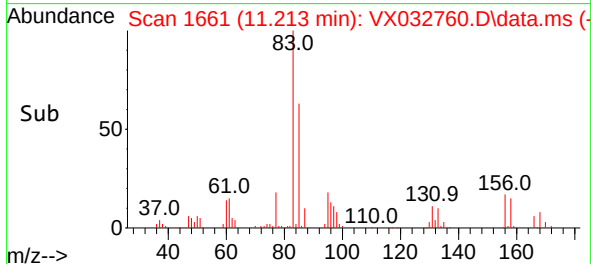
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



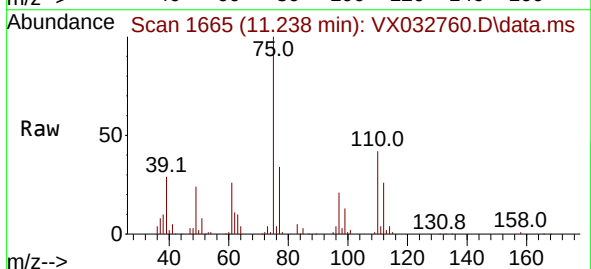
Tgt Ion: 83 Resp: 41449
 Ion Ratio Lower Upper
 83 100
 131 10.7 6.0 18.1
 85 64.2 32.8 98.3

Manual Integrations
 APPROVED

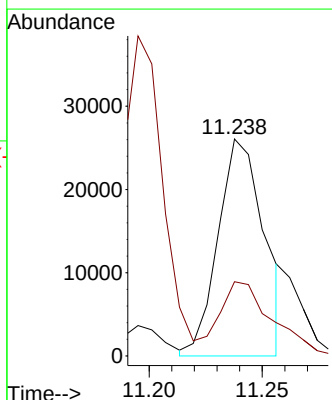
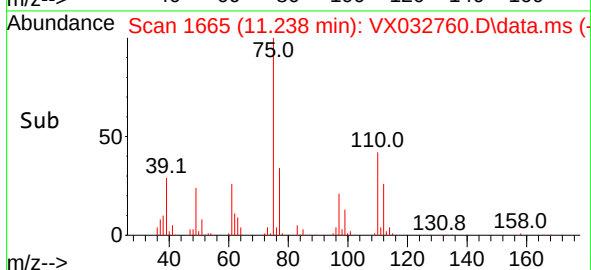
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

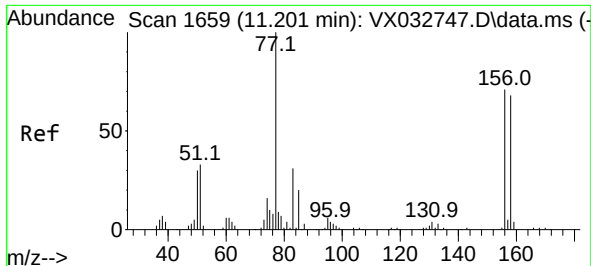


#72
 1,2,3-Trichloropropane
 Concen: 21.555 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17



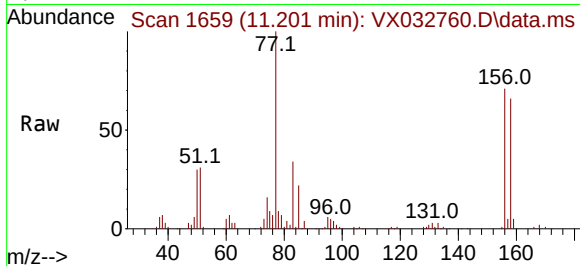
Tgt Ion: 75 Resp: 36878
 Ion Ratio Lower Upper
 75 100
 77 39.9 0.0 76.6





#73
Bromobenzene
Concen: 20.540 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

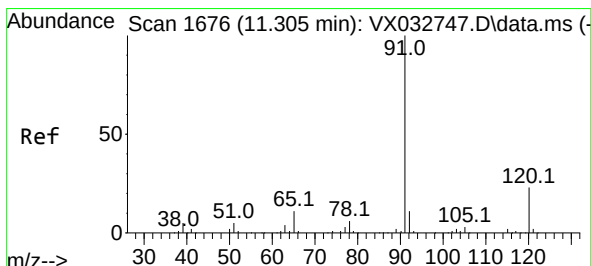
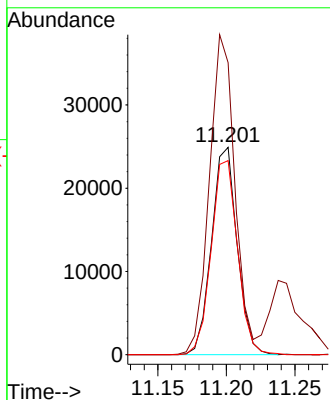
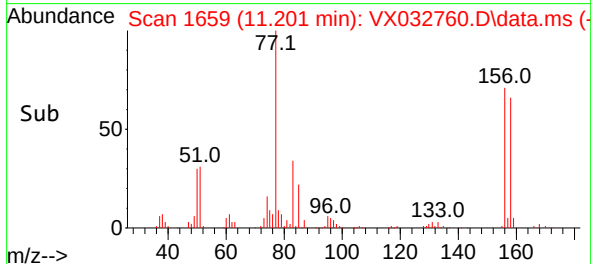
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



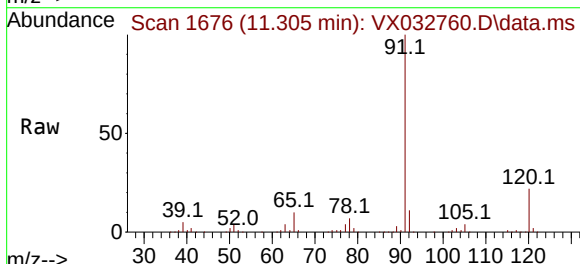
Tgt Ion:156 Resp: 3241
Ion Ratio Lower Upper
156 100
77 152.6 0.0 259.2
158 96.2 0.0 193.2

Manual Integrations
APPROVED

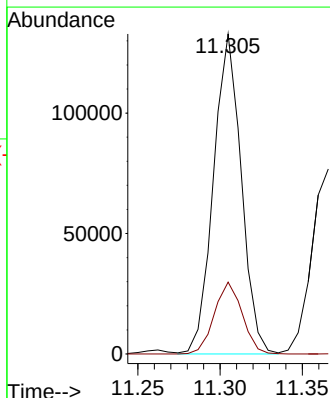
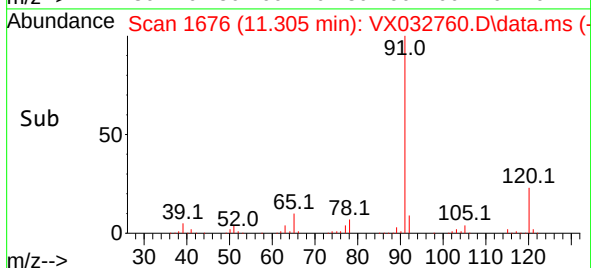
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

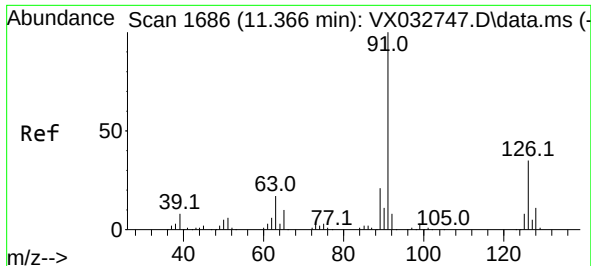


#74
n-propylbenzene
Concen: 21.170 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion: 91 Resp: 156247
Ion Ratio Lower Upper
91 100
120 22.5 0.0 51.0





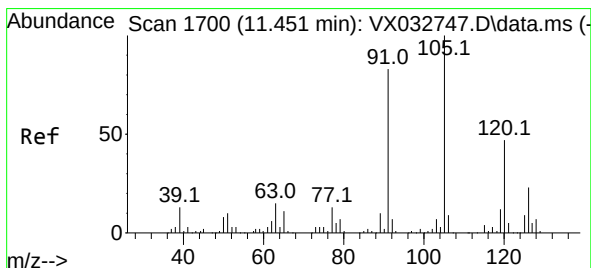
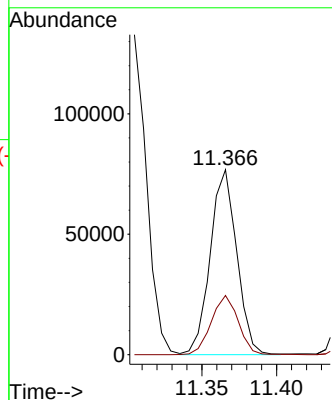
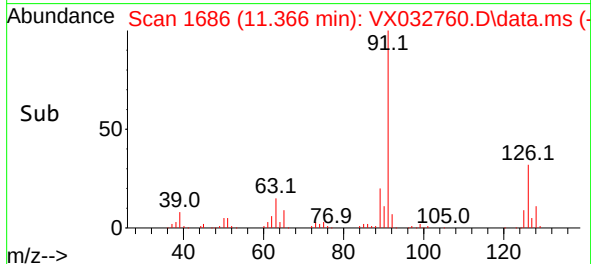
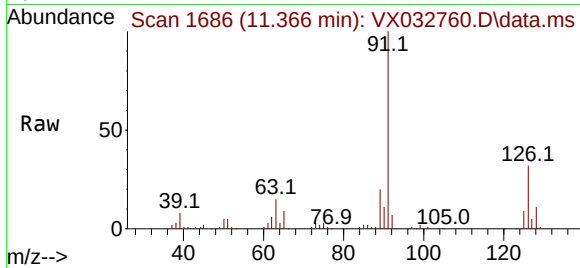
#75
2-Chlorotoluene
Concen: 21.237 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 94902
Ion Ratio Lower Upper
91 100
126 32.4 0.0 76.4

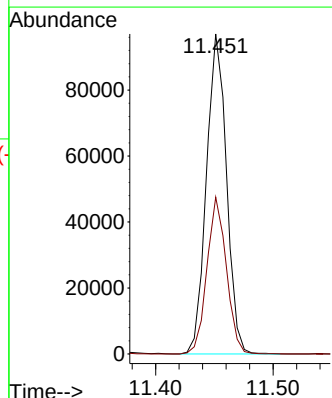
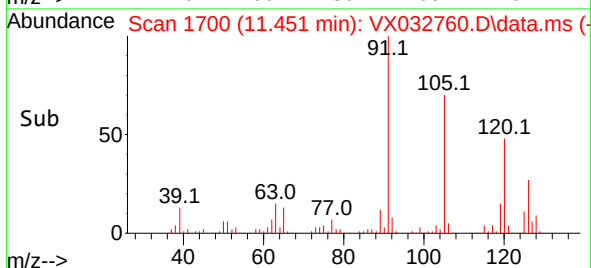
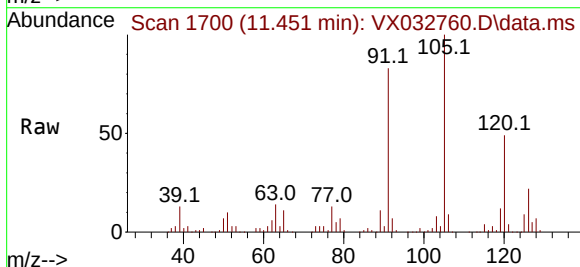
Manual Integrations
APPROVED

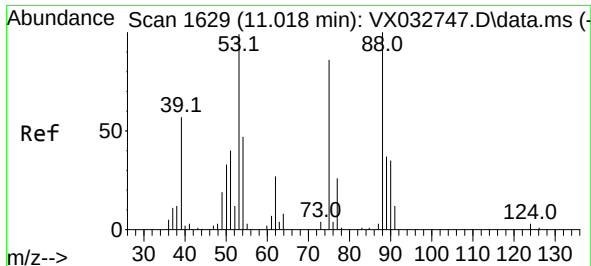
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.900 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

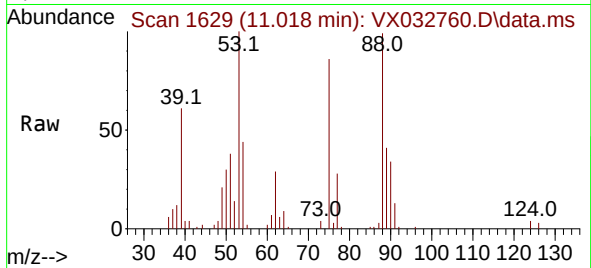
Tgt Ion:105 Resp: 114770
Ion Ratio Lower Upper
105 100
120 47.5 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 21.261 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

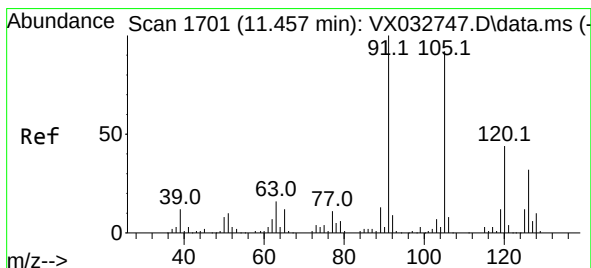
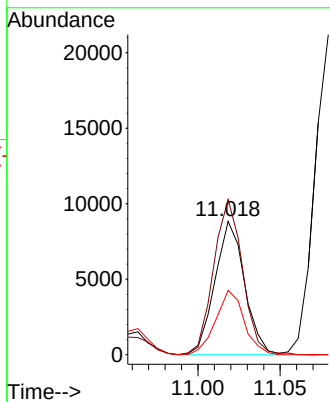
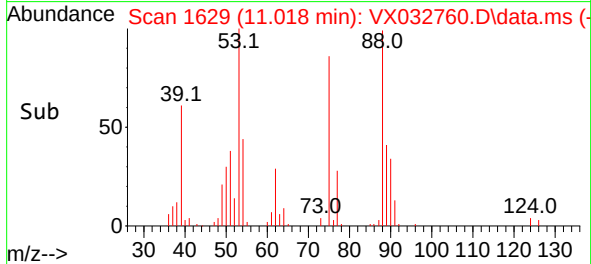
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



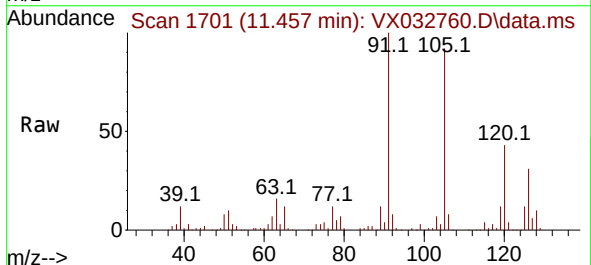
Tgt Ion: 75 Resp: 11100
Ion Ratio Lower Upper
75 100
53 116.4 51.8 155.4
89 48.3 22.9 68.8

Manual Integrations
APPROVED

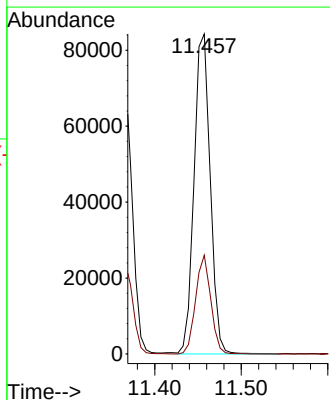
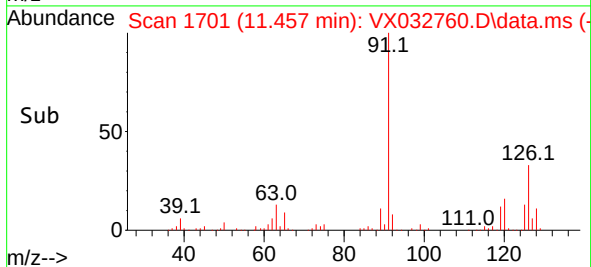
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

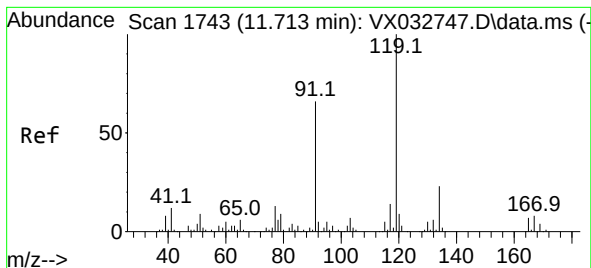


#78
4-Chlorotoluene
Concen: 21.254 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion: 91 Resp: 109404
Ion Ratio Lower Upper
91 100
126 28.8 0.0 67.0





#79

tert-butylbenzene

Concen: 20.823 ug/l

RT: 11.713 min Scan# 11112

Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

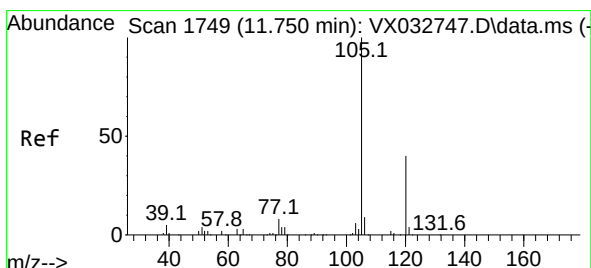
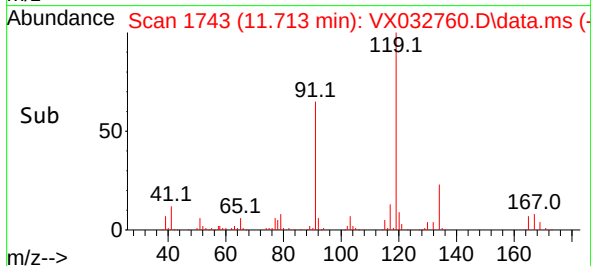
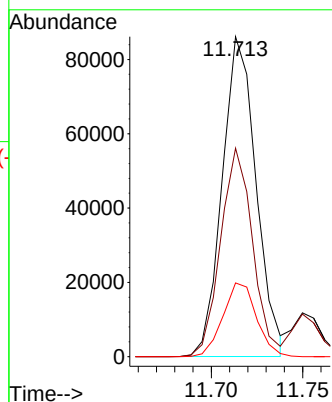
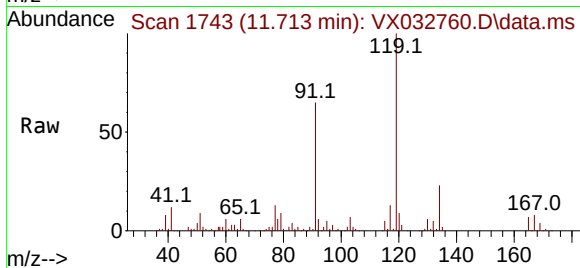
Tgt Ion:	119	Resp:	11112
Ion Ratio	Lower	Upper	
119	100		
91	61.8	0.0	112.0
134	22.9	0.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2022

Supervised By :Mahesh Dadoda 11/14/2022



#80

1,2,4-Trimethylbenzene

Concen: 21.427 ug/l

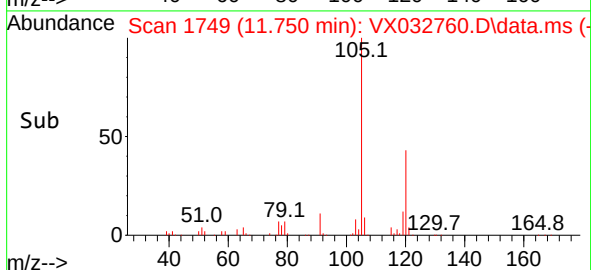
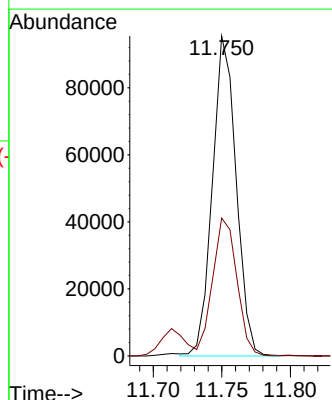
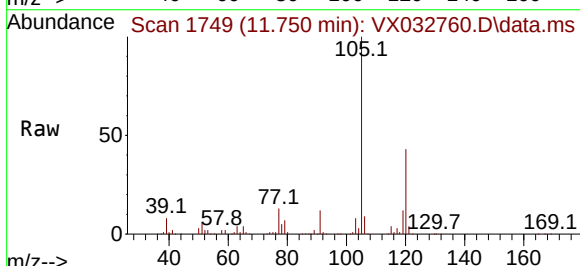
RT: 11.750 min Scan# 1749

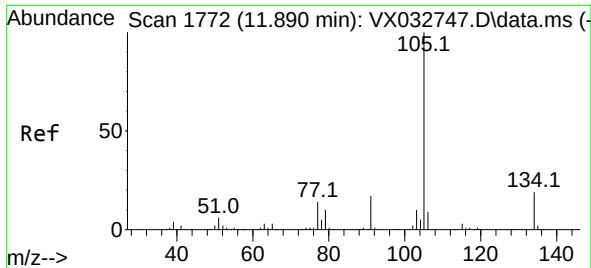
Delta R.T. 0.000 min

Lab File: VX032760.D

Acq: 11 Nov 2022 09:17

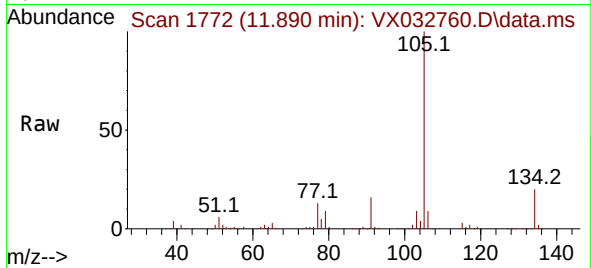
Tgt Ion:	105	Resp:	115043
Ion Ratio	Lower	Upper	
105	100		
120	43.9	0.0	95.0





#81
 sec-Butylbenzene
 Concen: 21.650 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17

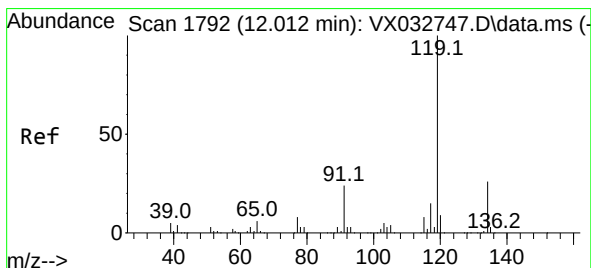
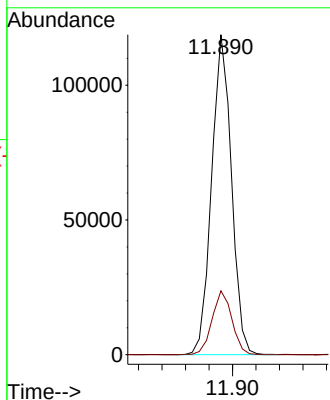
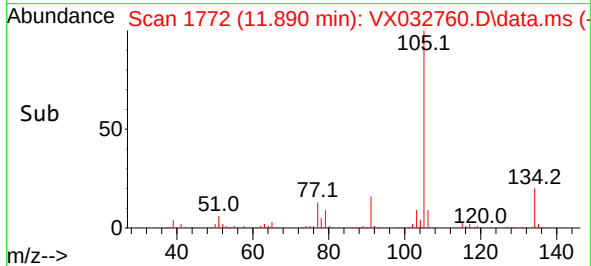
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



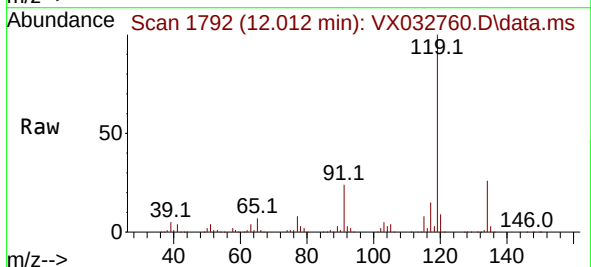
Tgt Ion:105 Resp: 139099
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 44.4

Manual Integrations
 APPROVED

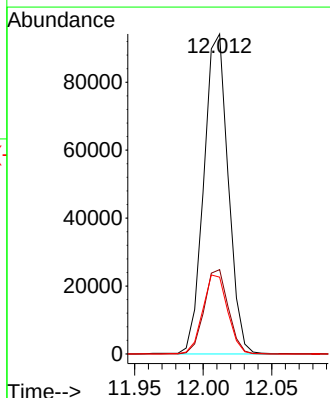
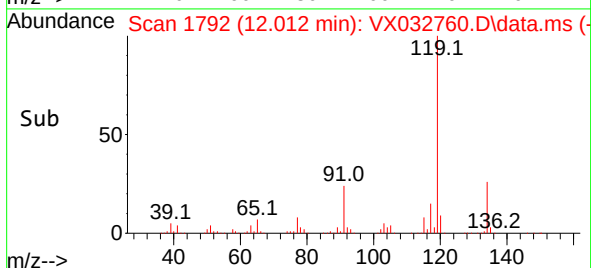
Reviewed By :John Carlone 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

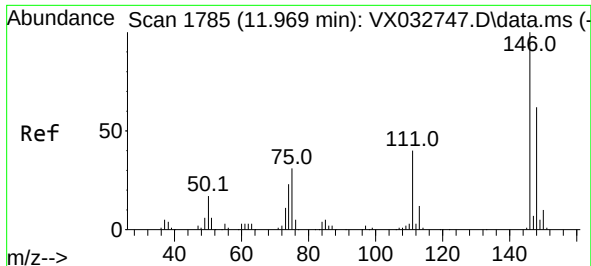


#82
 p-Isopropyltoluene
 Concen: 21.584 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032760.D
 Acq: 11 Nov 2022 09:17



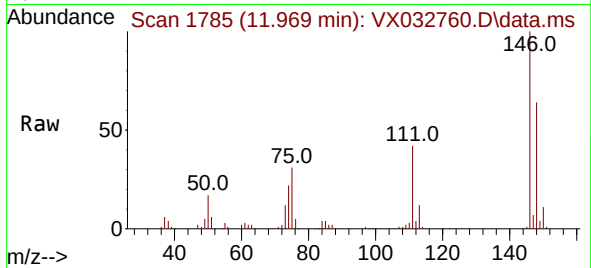
Tgt Ion:119 Resp: 116867
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 55.4
 91 25.2 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 21.475 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

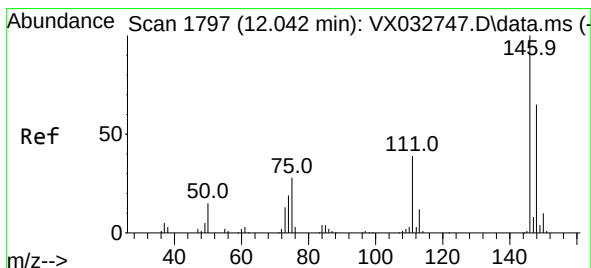
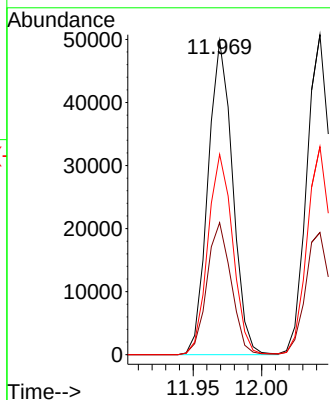
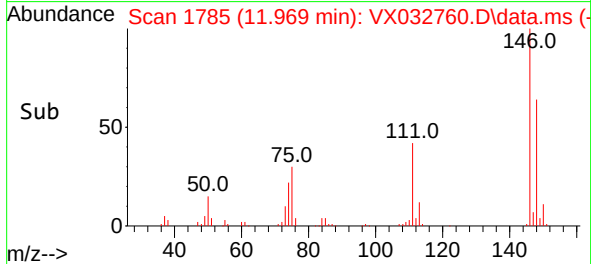
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



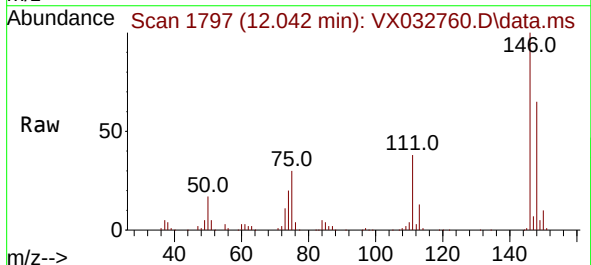
Tgt Ion:146 Resp: 6217
Ion Ratio Lower Upper
146 100
111 41.5 19.4 58.1
148 64.3 32.6 97.7

Manual Integrations
APPROVED

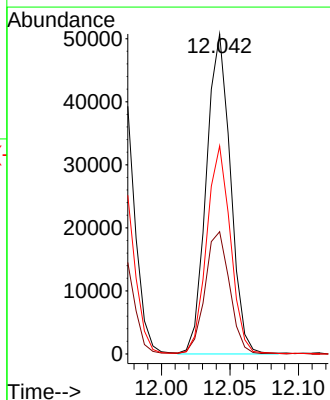
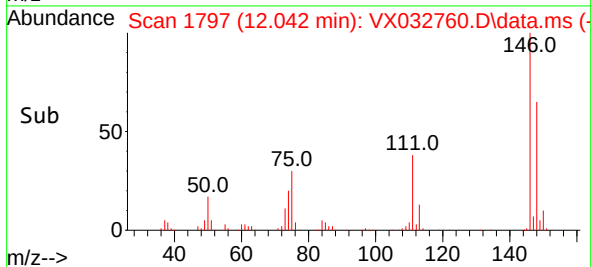
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

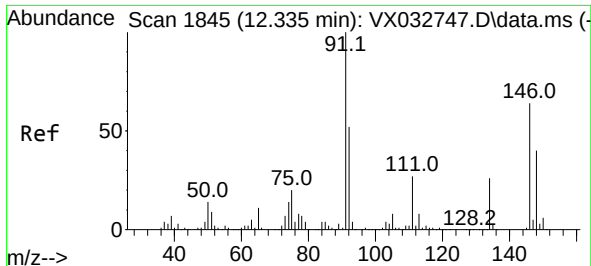


#84
1,4-Dichlorobenzene
Concen: 21.350 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



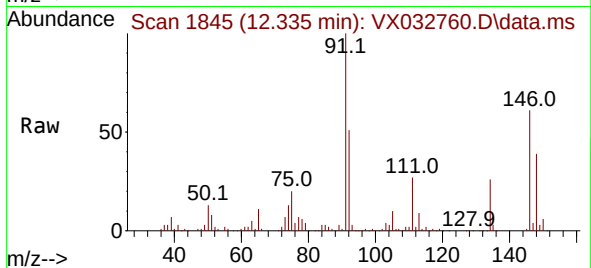
Tgt Ion:146 Resp: 62071
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.5
148 64.0 31.6 95.0





#85
n-Butylbenzene
Concen: 21.807 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

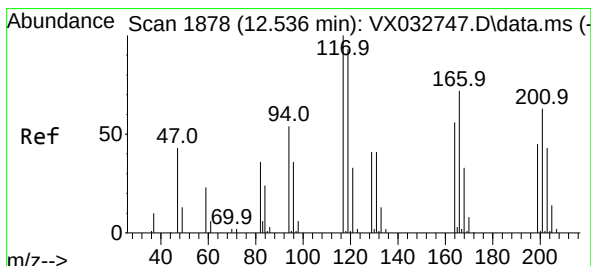
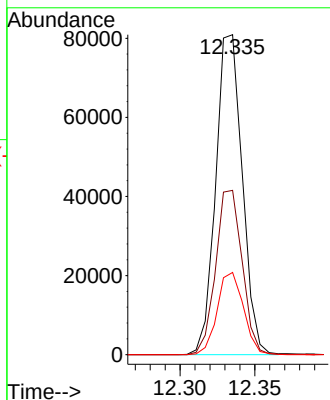
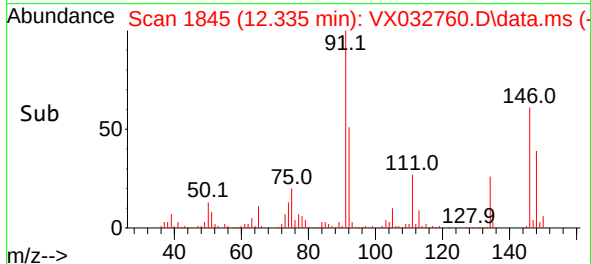
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 100072
Ion Ratio Lower Upper
91 100
92 51.4 0.0 108.4
134 25.4 0.0 60.6

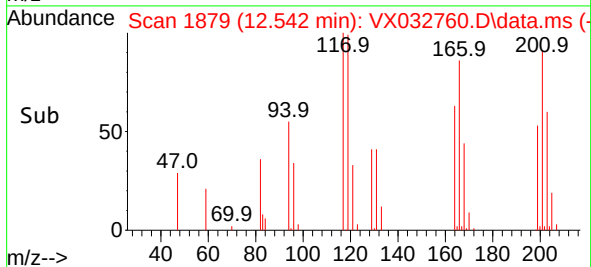
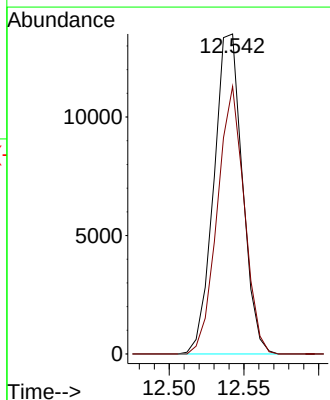
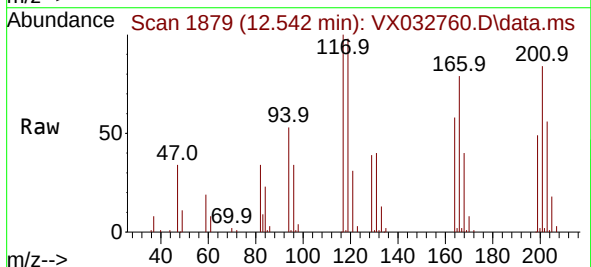
Manual Integrations
APPROVED

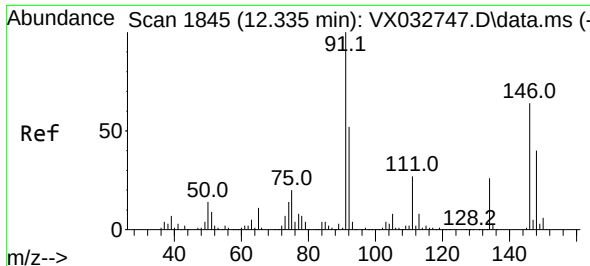
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022



#86
Hexachloroethane
Concen: 20.219 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

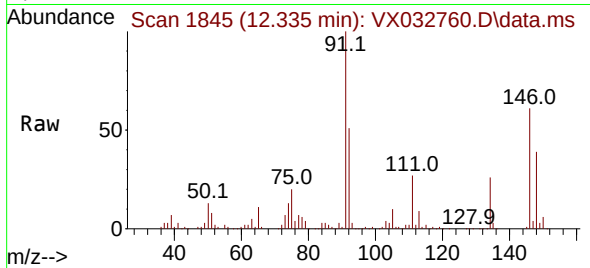
Tgt Ion:117 Resp: 17972
Ion Ratio Lower Upper
117 100
201 78.5 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 20.806 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

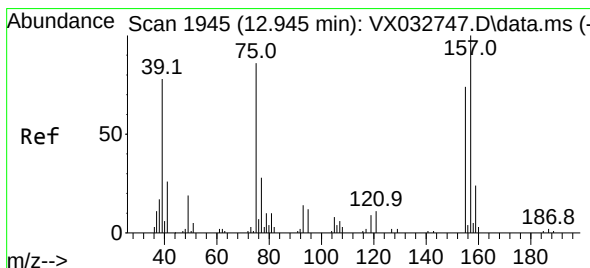
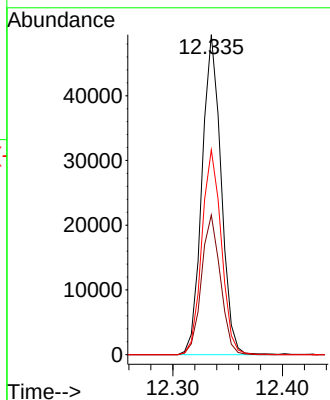
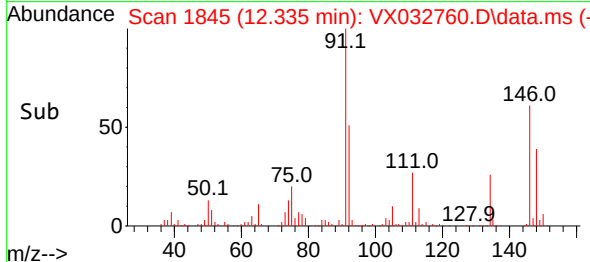
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



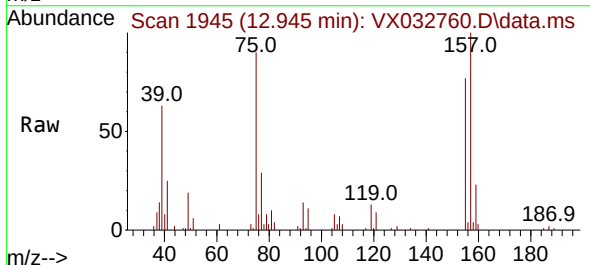
Tgt Ion:146 Resp: 5988
Ion Ratio Lower Upper
146 100
111 43.2 20.0 60.0
148 65.1 33.0 99.0

Manual Integrations
APPROVED

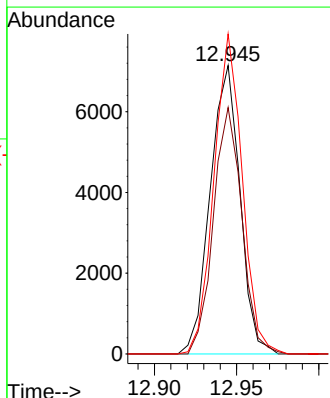
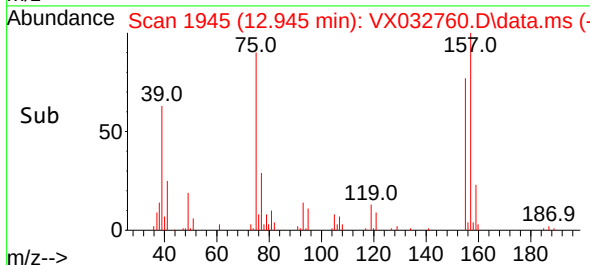
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

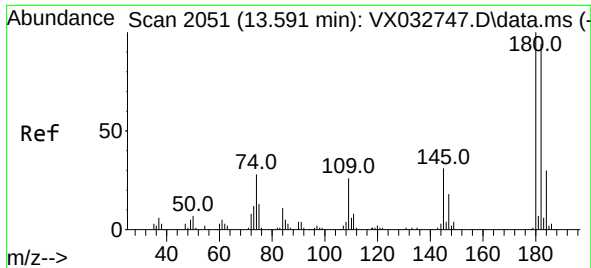


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.491 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



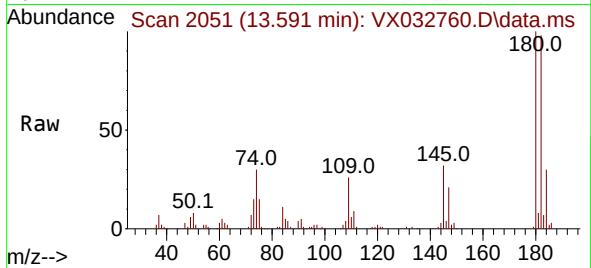
Tgt Ion: 75 Resp: 8982
Ion Ratio Lower Upper
75 100
155 81.9 85.0 127.6#
157 105.8 101.0 151.6





#89
1,2,4-Trichlorobenzene
Concen: 21.519 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

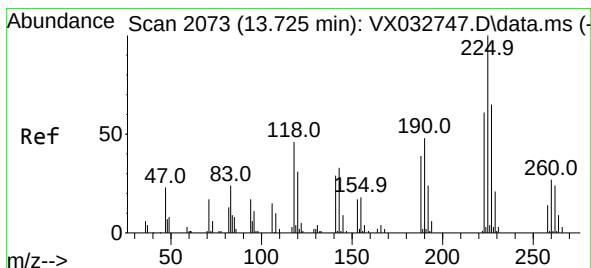
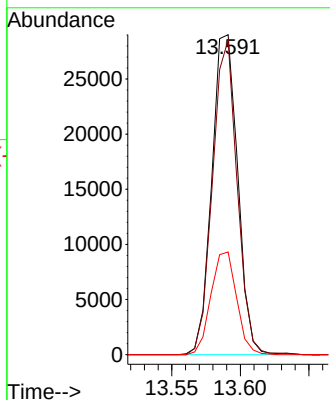
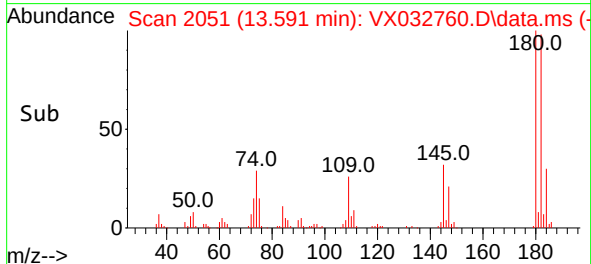
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



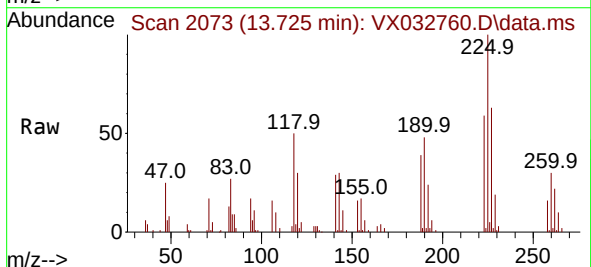
Tgt Ion:180 Resp: 3803
Ion Ratio Lower Upper
180 100
182 93.3 75.3 112.9
145 31.9 25.9 38.9

Manual Integrations
APPROVED

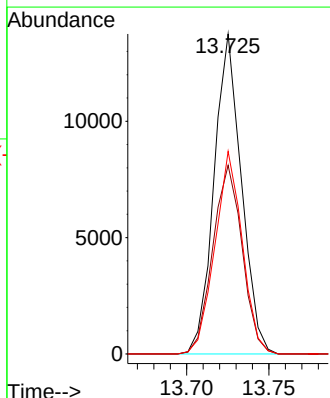
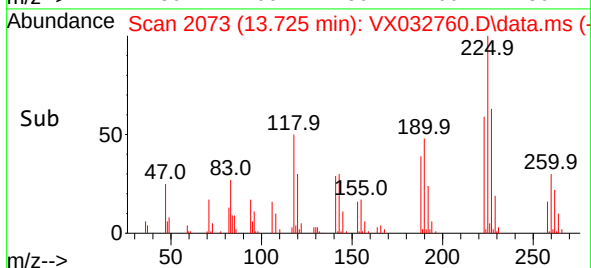
Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

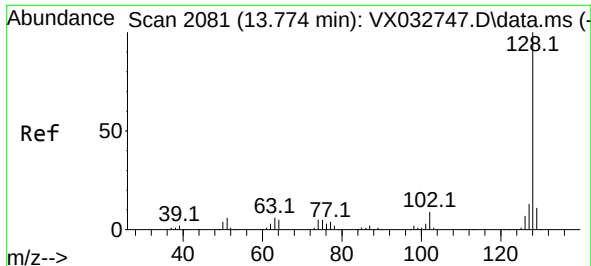


#90
Hexachlorobutadiene
Concen: 22.389 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



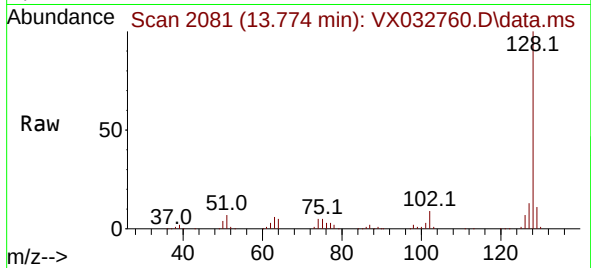
Tgt Ion:225 Resp: 15928
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.0
227 63.4 0.0 127.6





#91
Naphthalene
Concen: 20.884 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17

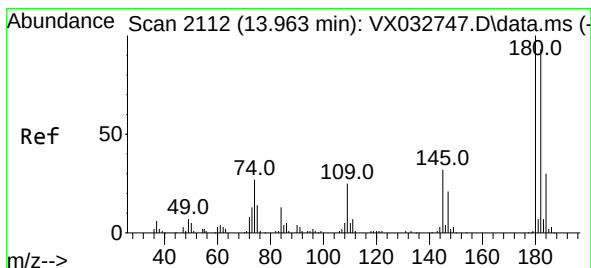
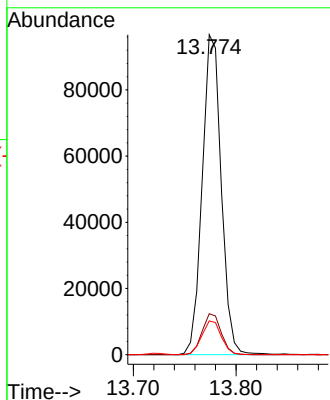
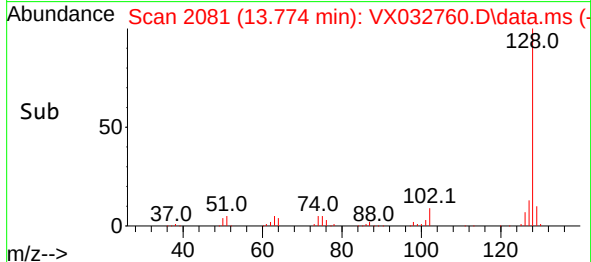
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



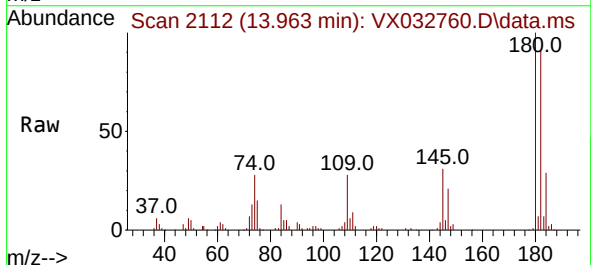
Tgt Ion:128 Resp: 124590
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 10.8 8.4 12.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 21.121 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032760.D
Acq: 11 Nov 2022 09:17



Tgt Ion:180 Resp: 37548
Ion Ratio Lower Upper
180 100
182 95.7 0.0 199.0
145 33.3 0.0 68.2

