

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033091.D
 Acq On : 28 Nov 2022 15:10
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/29/2022
 Supervised By : Mahesh Dadoda 11/29/2022

Quant Time: Nov 29 03:44:21 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	4.903	128	12893	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90449	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	10.055	117	99588	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37290	29.980	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.933%	
60) 4-Bromofluorobenzene	11.079	95	57117	29.983	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.933%	
63) Toluene-d8	8.647	98	100432	29.883	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20553	18.012	ug/l	96
3) Chloromethane	1.294	50	21223	18.743	ug/l	98
4) Vinyl Chloride	1.374	62	25218	19.696	ug/l	98
5) Bromomethane	1.617	94	16100	14.164	ug/l	98
6) Chloroethane	1.691	64	18406	18.201	ug/l	93
7) Trichlorofluoromethane	1.892	101	49605	20.098	ug/l	99
8) Diethyl Ether	2.130	74	15232	19.088	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	26175	19.937	ug/l	97
10) 1,1-Dichloroethene	2.319	96	24428	19.476	ug/l	94
11) Methyl Iodide	2.453	142	20056	14.874	ug/l	99
12) Methyl Acetate	2.703	43	33432	17.994	ug/l	89
13) Acrolein	2.239	56	24395	98.463	ug/l	95
14) Acrylonitrile	3.068	53	60887	91.417	ug/l	99
15) Acetone	2.398	58	16765	96.800	ug/l	83
16) Carbon Disulfide	2.514	76	62061	19.877	ug/l	100
17) Allyl chloride	2.666	41	37723	18.929	ug/l	88
18) Methylene Chloride	2.788	84	27008	18.672	ug/l	91
19) trans-1,2-Dichloroethene	3.093	96	26446	19.141	ug/l	# 83
20) Diisopropyl ether	3.757	45	82162	18.386	ug/l	92
21) 1,1-Dichloroethane	3.611	63	46982	18.728	ug/l	96
22) cis-1,2-Dichloroethene	4.489	96	30593	18.964	ug/l	88
23) tert-Butyl Alcohol	3.007	59	25103m	116.079	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	83375	18.564	ug/l	# 91
25) Chloroform	5.092	83	53034	18.955	ug/l	98
26) Cyclohexane	5.470	56	41717	19.042	ug/l	# 84
29) 1,1-Dichloropropene	5.696	75	38217	19.051	ug/l	96
30) 2-Butanone	4.562	43	84718	90.574	ug/l	91
31) 2,2-Dichloropropane	4.477	77	38518	22.452	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	47976	19.013	ug/l	96
33) Carbon Tetrachloride	5.672	117	43171	19.486	ug/l	98
34) Benzene	6.037	78	107466	19.013	ug/l	# 97
35) Methacrylonitrile	4.916	41	19261	18.182	ug/l	90
36) 1,2-Dichloroethane	6.086	62	43761	18.807	ug/l	# 93
37) Trichloroethene	7.123	130	30562	19.328	ug/l	92
38) Methylcyclohexane	7.379	83	43626	19.410	ug/l	88
39) 1,2-Dichloropropane	7.433	63	27401	19.152	ug/l	89
40) Dibromomethane	7.580	93	21064	19.284	ug/l	98
41) Bromodichloromethane	7.824	83	40675	19.536	ug/l	94
42) Vinyl Acetate	3.721	43	328816	91.488	ug/l	# 91

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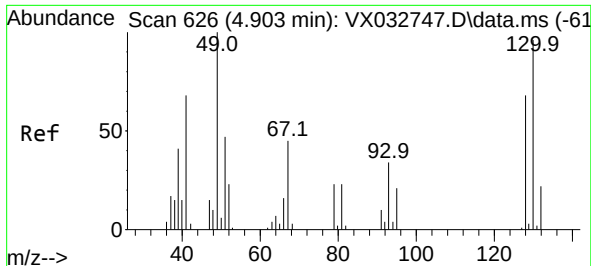
Manual Integrations
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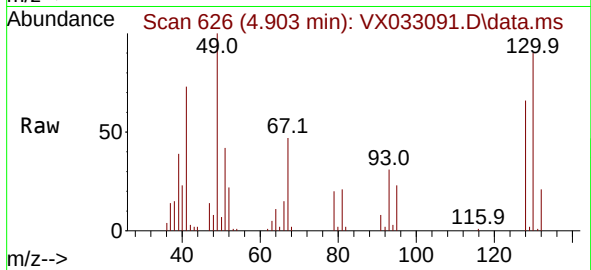
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	34026	18.084	ug/l #	90
44) Isopropyl Acetate	6.336	43	55698	17.664	ug/l	95
45) 1,4-Dioxane	7.696	88	12365	408.262	ug/l #	84
46) Methyl methacrylate	7.689	41	28595	18.014	ug/l	87
47) n-amyl Acetate	10.841	43	50174	17.899	ug/l	94
48) t-1,3-Dichloropropene	8.976	75	39638	18.557	ug/l	95
49) cis-1,3-Dichloropropene	8.366	75	43855	19.444	ug/l #	88
50) 1,1,2-Trichloroethane	9.153	97	28631	19.063	ug/l	96
51) Ethyl methacrylate	9.116	69	40280	17.958	ug/l	82
52) 1,3-Dichloropropane	9.305	76	46091	18.771	ug/l	100
53) Dibromochloromethane	9.518	129	31592	19.342	ug/l	99
54) 1,2-Dibromoethane	9.610	107	30385	18.782	ug/l	99
55) 2-Chloroethyl vinyl ether	8.238	63	92429	85.271	ug/l	93
56) Bromoform	10.799	173	21654	18.518	ug/l	98
58) 4-Methyl-2-Pentanone	8.573	43	176977	90.780	ug/l	92
59) 2-Hexanone	9.427	43	131318	91.487	ug/l	92
61) Tetrachloroethene	9.275	164	26671	19.163	ug/l	95
62) Toluene	8.720	91	121770	18.802	ug/l	99
64) Chlorobenzene	10.079	112	76732	19.164	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	29396	19.272	ug/l	100
66) Ethyl Benzene	10.195	91	139244	19.165	ug/l	96
67) m/p-Xylenes	10.299	106	108487	38.375	ug/l	91
68) o-Xylene	10.640	106	52139	18.796	ug/l	89
69) Styrene	10.658	104	85807	18.606	ug/l	93
70) Isopropylbenzene	10.963	105	141950	19.163	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	42540	18.937	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	38390m	19.677	ug/l	
73) Bromobenzene	11.201	156	34334	19.080	ug/l	90
74) n-propylbenzene	11.305	91	162140	19.265	ug/l	95
75) 2-Chlorotoluene	11.366	91	98779	19.384	ug/l	92
76) 1,3,5-Trimethylbenzene	11.451	105	120343	19.218	ug/l	95
77) t-1,4-Dichloro-2-butene	11.018	75	10978	18.439	ug/l	91
78) 4-Chlorotoluene	11.457	91	111890	19.062	ug/l	93
79) tert-butylbenzene	11.713	119	117975	19.386	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	118404	19.338	ug/l	95
81) sec-Butylbenzene	11.890	105	143362	19.568	ug/l	96
82) p-Isopropyltoluene	12.012	119	120625	19.536	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	63647	19.278	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	64175	19.357	ug/l	99
85) n-Butylbenzene	12.335	91	101363	19.369	ug/l	94
86) Hexachloroethane	12.536	117	19871	19.604	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	63195	19.255	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8948	18.775	ug/l	81
89) 1,2,4-Trichlorobenzene	13.591	180	38513	19.107	ug/l	99
90) Hexachlorobutadiene	13.725	225	16339	20.140	ug/l	99
91) Naphthalene	13.774	128	126345	18.571	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	38381	18.932	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

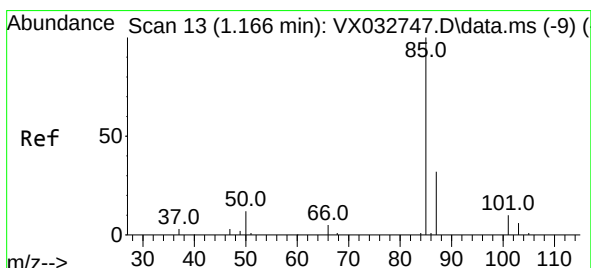
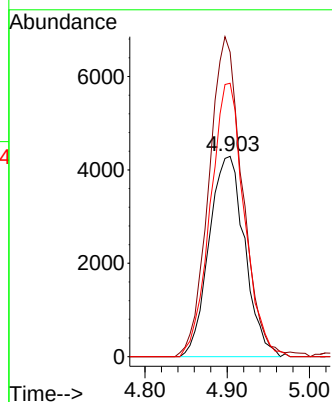
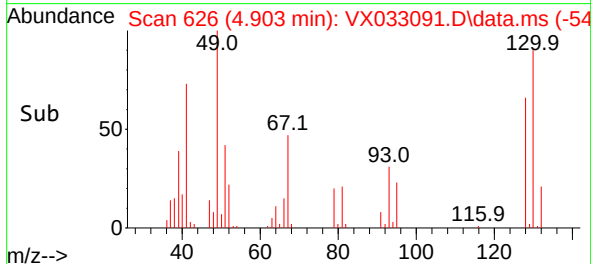
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 1289
Ion Ratio Lower Upper
128 100
49 150.7 0.0 293.0
130 130.3 0.0 321.5

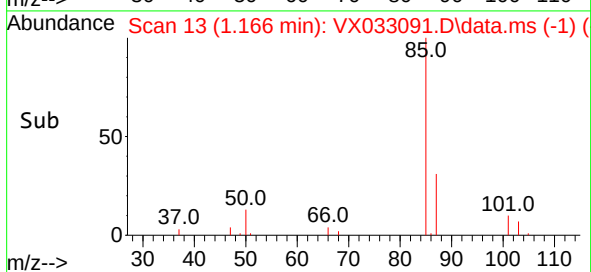
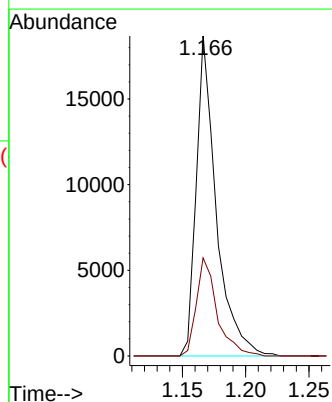
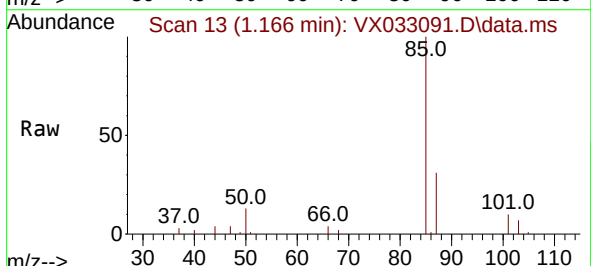
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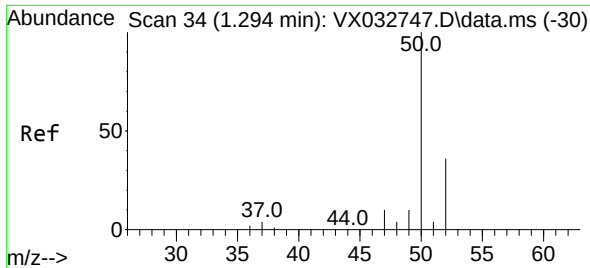
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#2
Dichlorodifluoromethane
Concen: 18.012 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

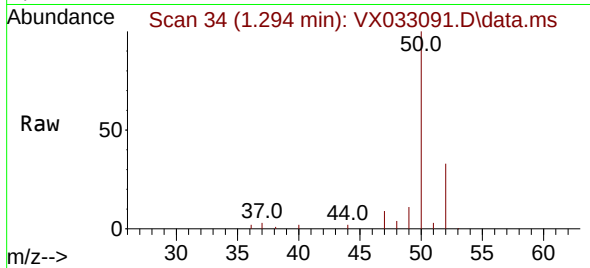
Tgt Ion: 85 Resp: 20553
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5





#3
Chloromethane
Concen: 18.743 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

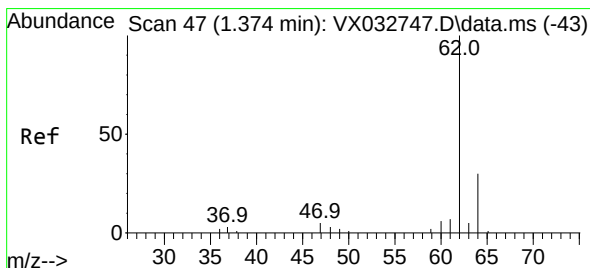
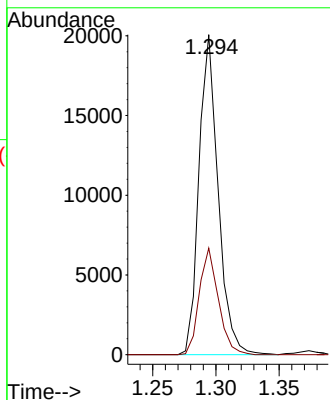
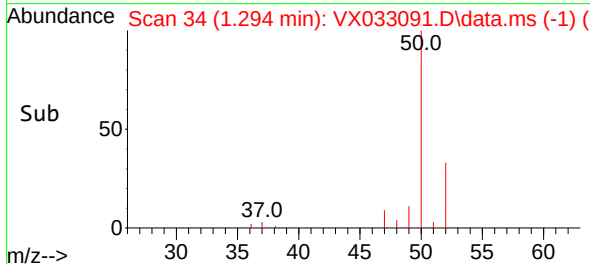
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



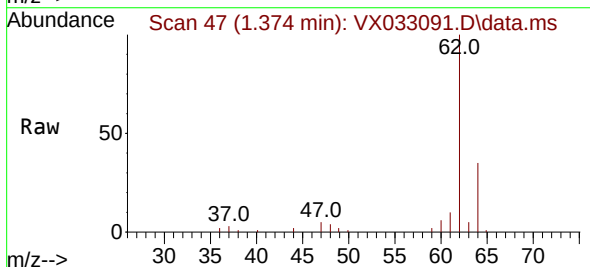
Tgt Ion: 50 Resp: 2122
Ion Ratio Lower Upper
50 100
52 33.3 27.6 41.4

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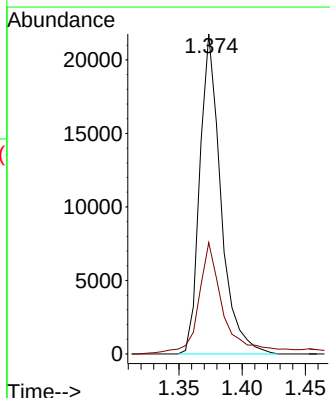
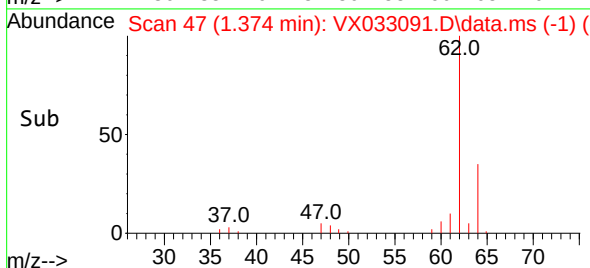
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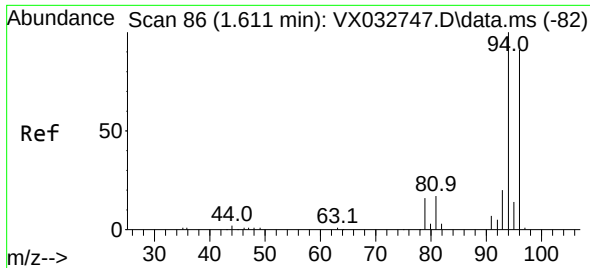


#4
Vinyl Chloride
Concen: 19.696 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



Tgt Ion: 62 Resp: 25218
Ion Ratio Lower Upper
62 100
64 33.3 25.7 38.5





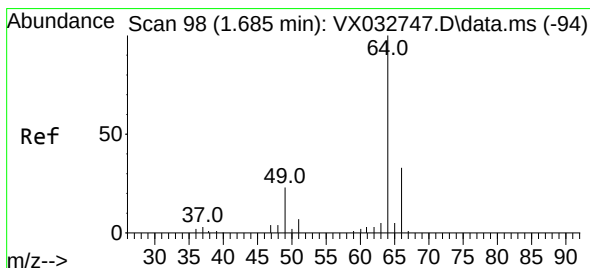
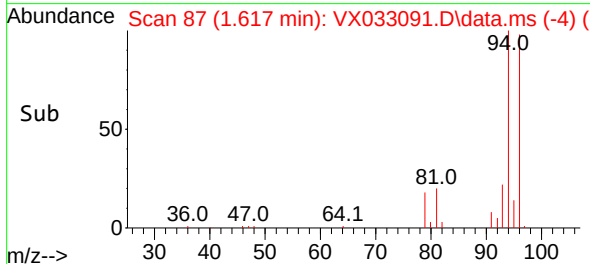
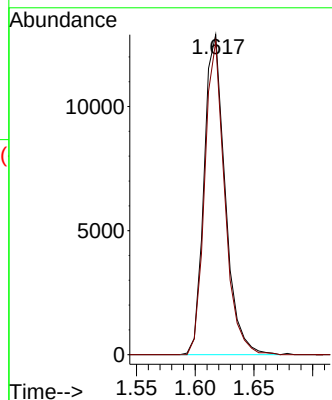
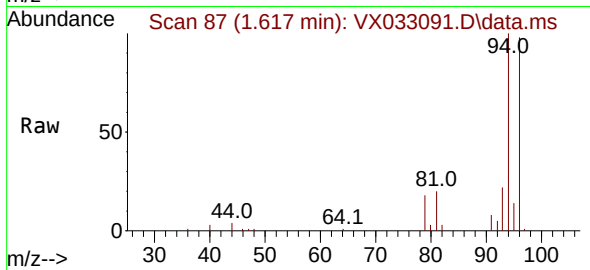
#5
Bromomethane
Concen: 14.164 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 16100
Ion Ratio Lower Upper
94 100
96 97.9 76.8 115.2

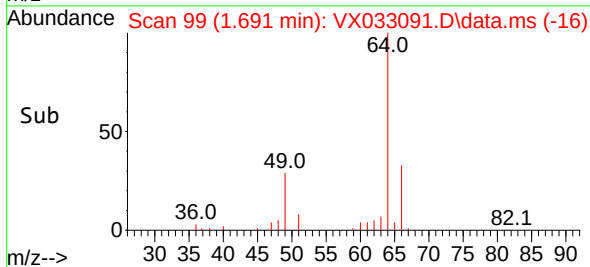
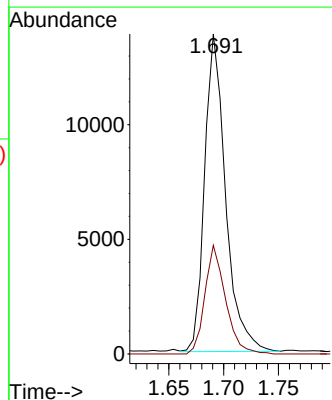
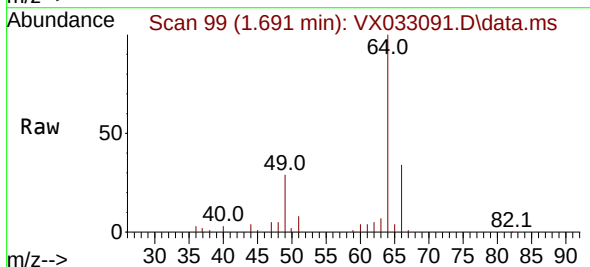
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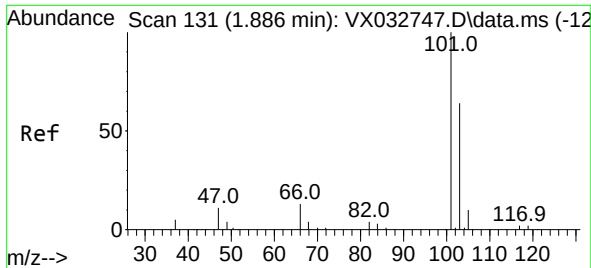
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#6
Chloroethane
Concen: 18.201 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 64 Resp: 18406
Ion Ratio Lower Upper
64 100
66 34.2 30.6 46.0





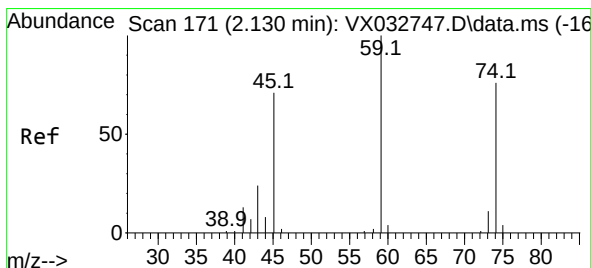
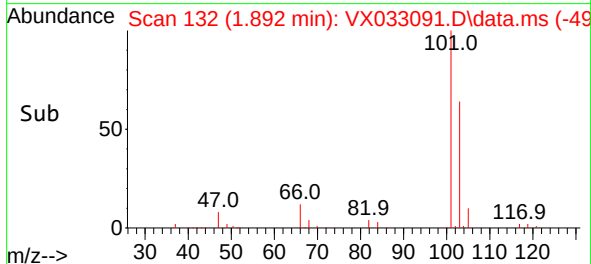
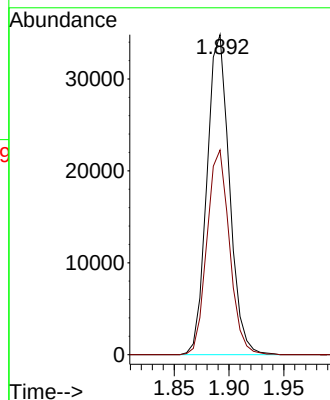
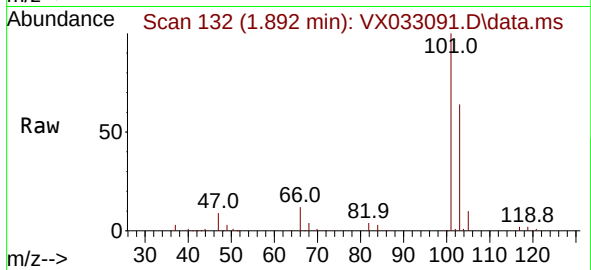
#7
 Trichlorofluoromethane
 Concen: 20.098 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Instrument :
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Tgt Ion:101 Resp: 4960
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5

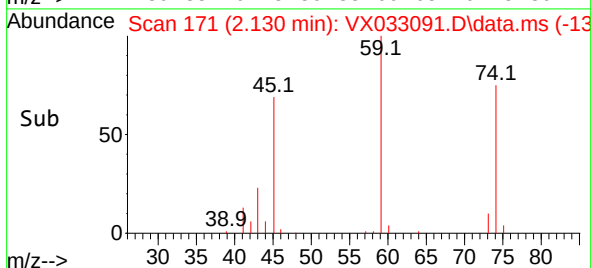
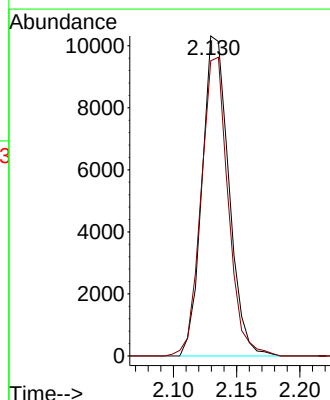
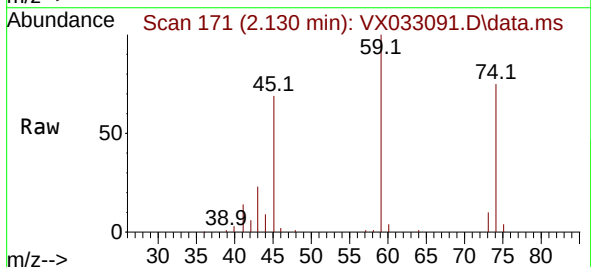
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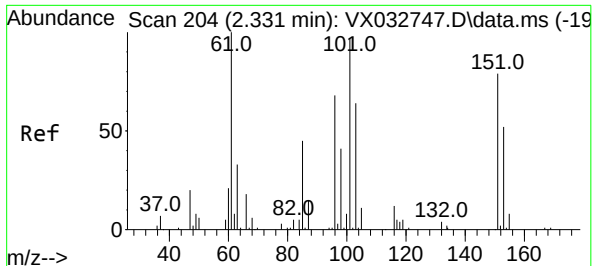
Reviewed By :John Carlone 11/29/2022
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#8
 Diethyl Ether
 Concen: 19.088 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Tgt Ion: 74 Resp: 15232
 Ion Ratio Lower Upper
 74 100
 45 94.0 14.2 127.8





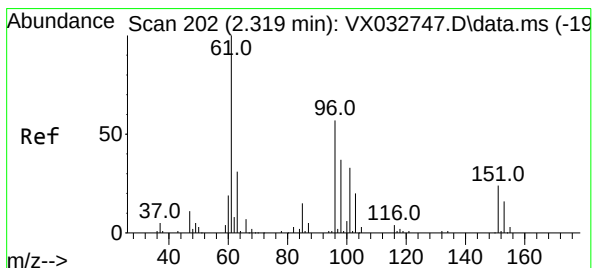
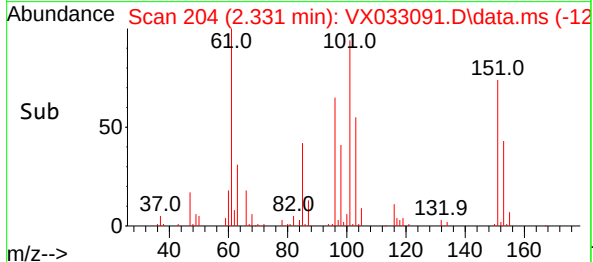
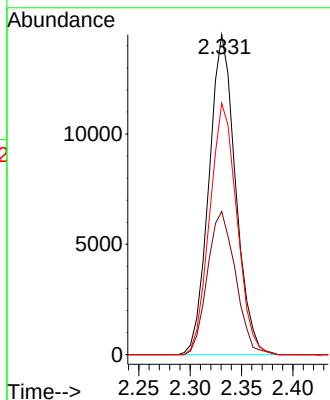
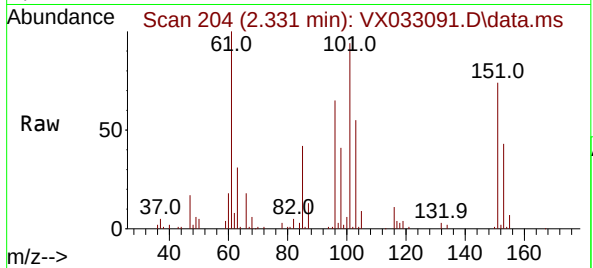
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.937 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 2617
Ion Ratio Lower Upper
101 100
85 47.0 0.0 88.8
151 80.0 0.0 156.6

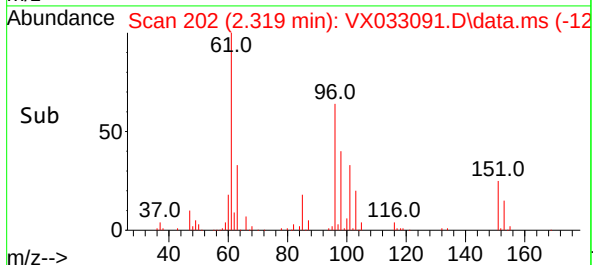
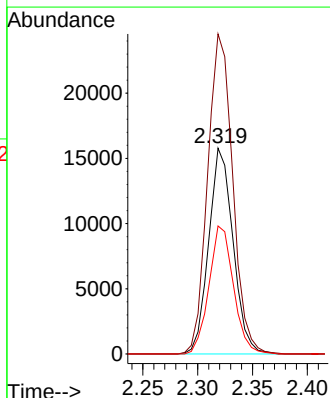
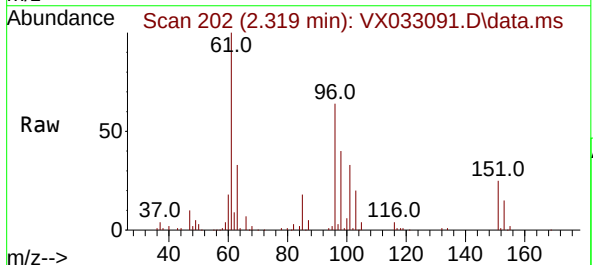
Manual Integrations
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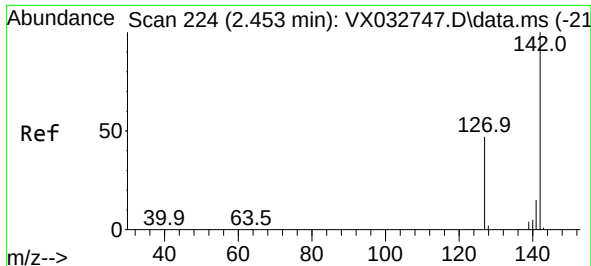
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#10
1,1-Dichloroethene
Concen: 19.476 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

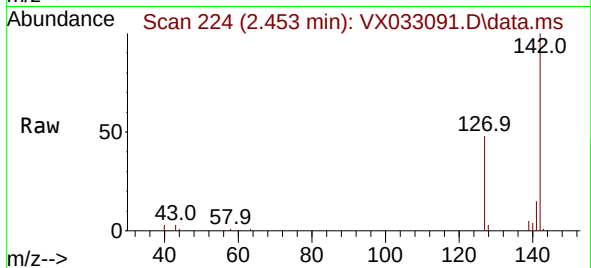
Tgt Ion: 96 Resp: 24428
Ion Ratio Lower Upper
96 100
61 155.5 115.8 173.6
98 62.2 49.7 74.5





#11
Methyl Iodide
Concen: 14.874 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

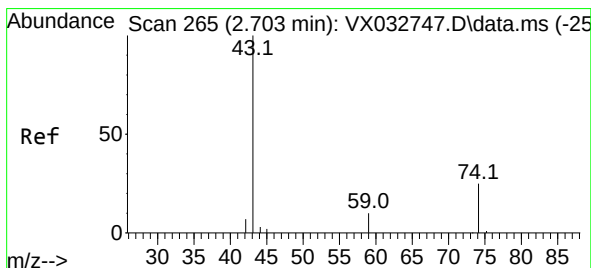
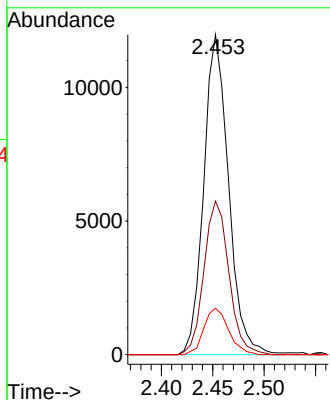
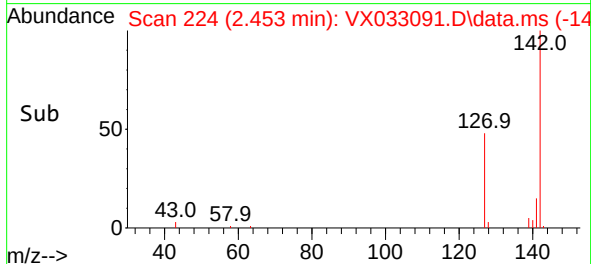
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



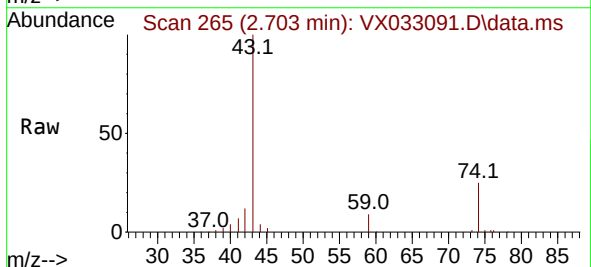
Tgt Ion:142 Resp: 20050
Ion Ratio Lower Upper
142 100
127 48.1 23.8 71.2
141 14.6 7.6 22.8

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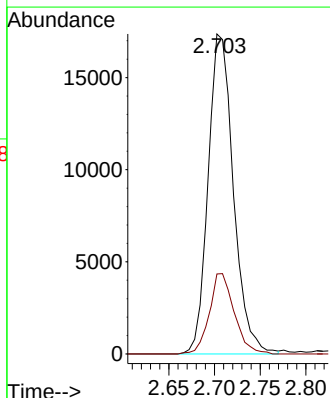
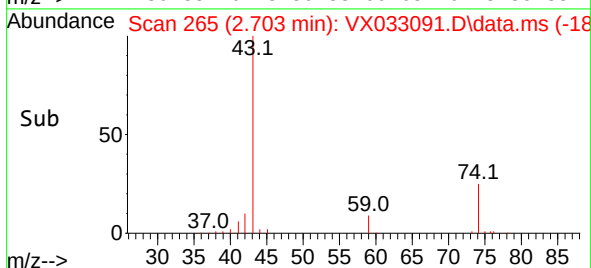
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

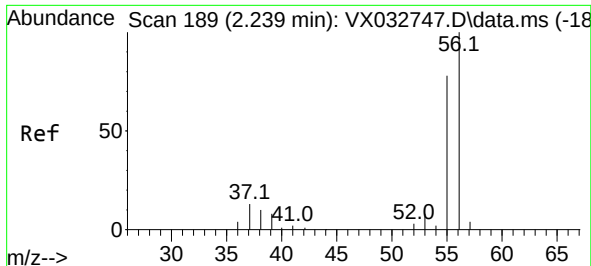


#12
Methyl Acetate
Concen: 17.994 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



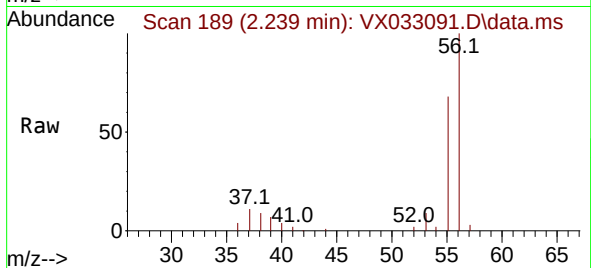
Tgt Ion: 43 Resp: 33432
Ion Ratio Lower Upper
43 100
74 25.1 24.8 37.2





#13
Acrolein
Concen: 98.463 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

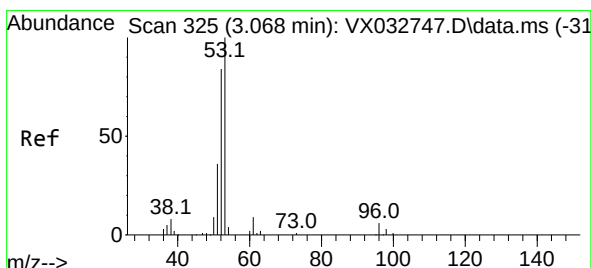
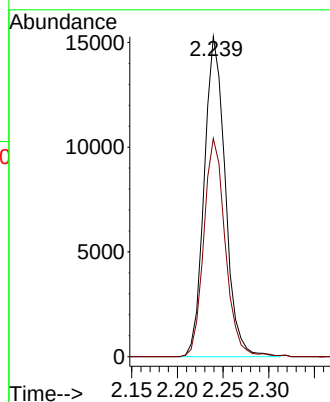
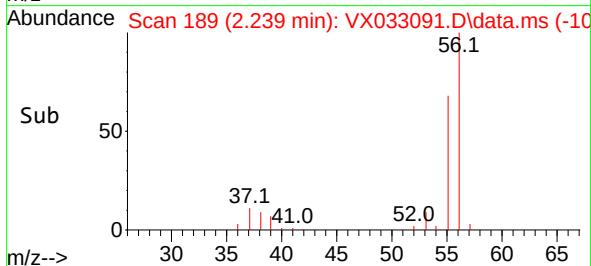
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 2439
Ion Ratio Lower Upper
56 100
55 69.0 58.4 87.6

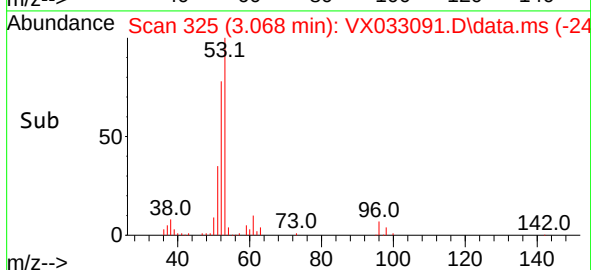
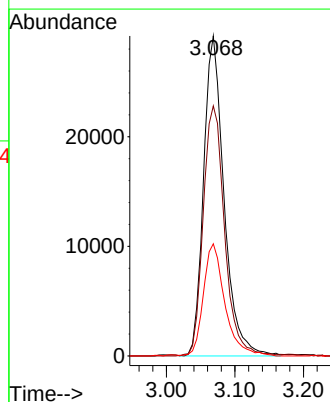
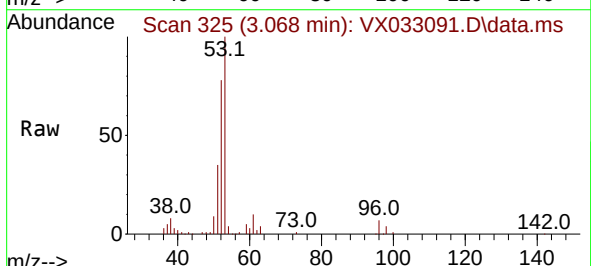
Manual Integrations
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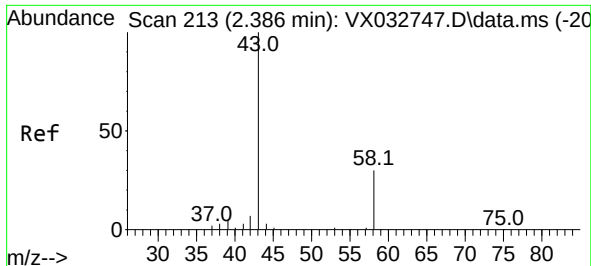
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#14
Acrylonitrile
Concen: 91.417 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 53 Resp: 60887
Ion Ratio Lower Upper
53 100
52 81.1 41.5 124.5
51 36.7 18.3 54.9





#15

Acetone

Concen: 96.800 ug/l

RT: 2.398 min Scan# 213

Delta R.T. 0.012 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 1676

Ion Ratio Lower Upper

58 100

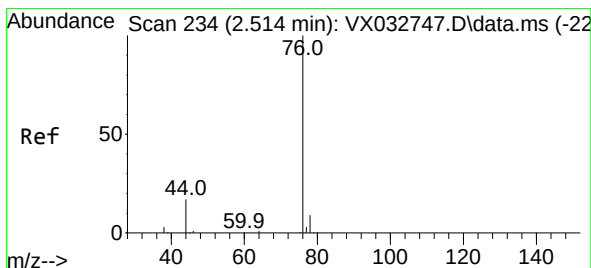
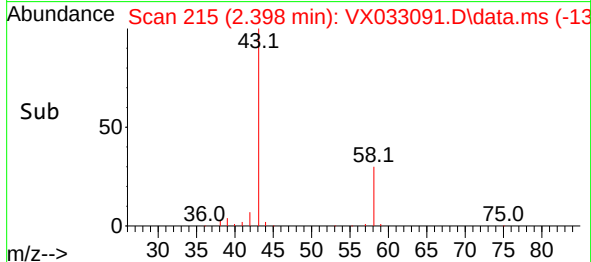
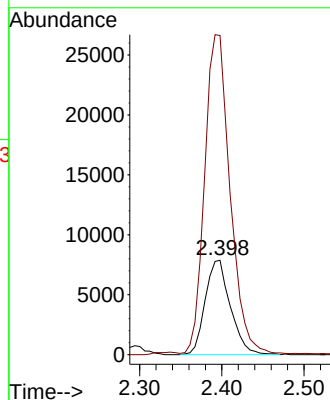
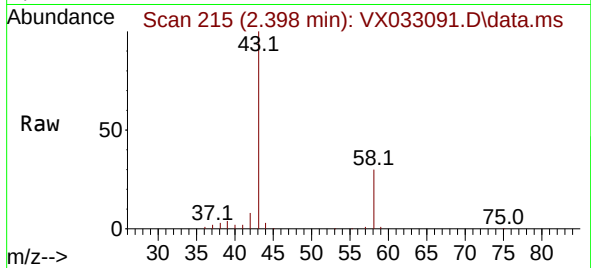
43 337.0 242.6 364.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#16

Carbon Disulfide

Concen: 19.877 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX033091.D

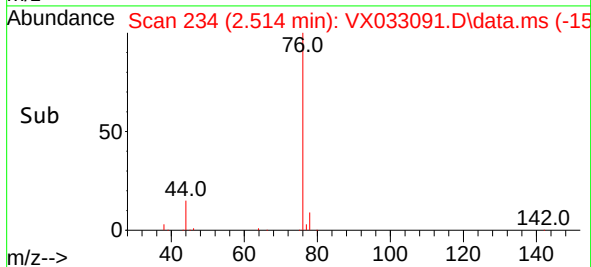
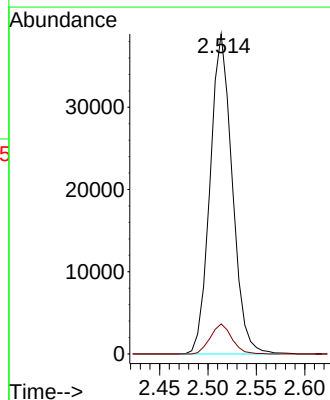
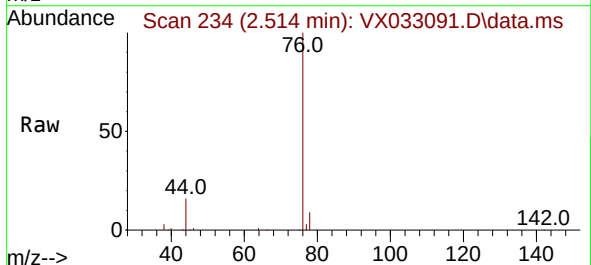
Acq: 28 Nov 2022 15:10

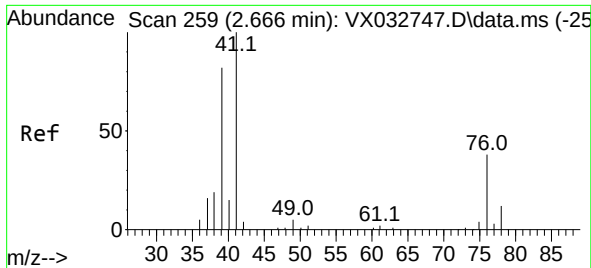
Tgt Ion: 76 Resp: 62061

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





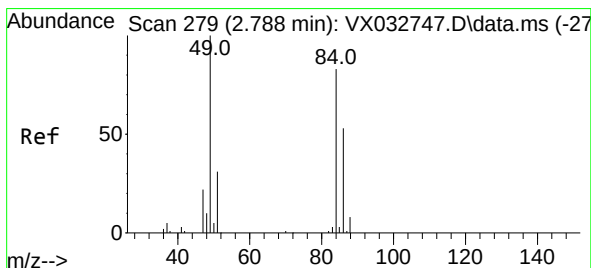
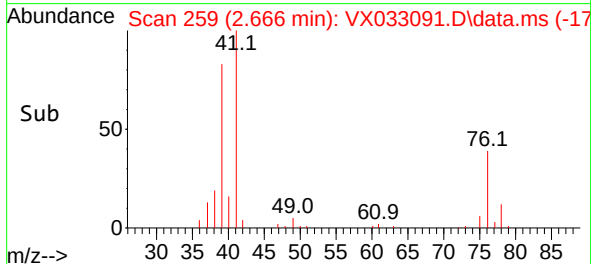
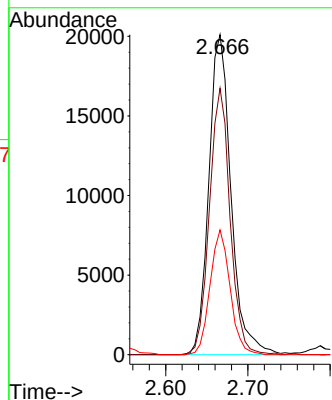
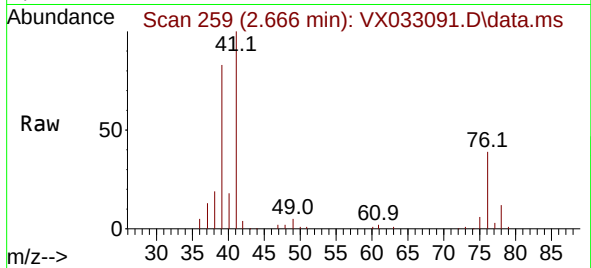
#17
 Allyl chloride
 Concen: 18.929 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 41 Resp: 3772
 Ion Ratio Lower Upper
 41 100
 39 83.2 37.0 111.0
 76 39.0 23.8 71.5

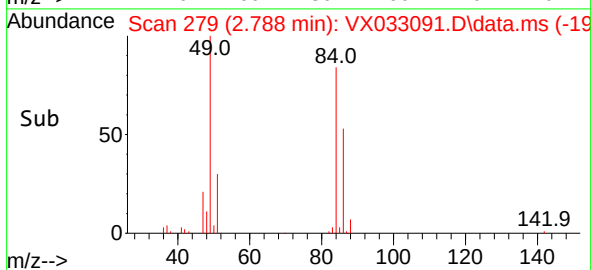
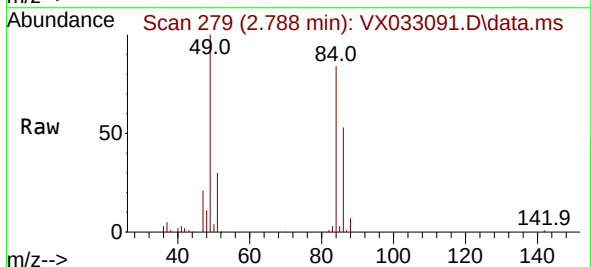
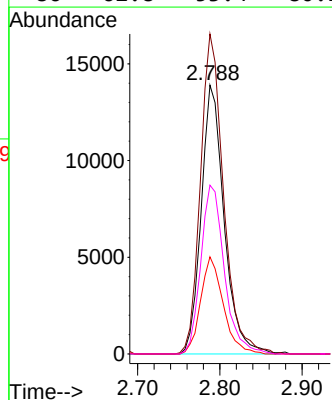
Manual Integrations
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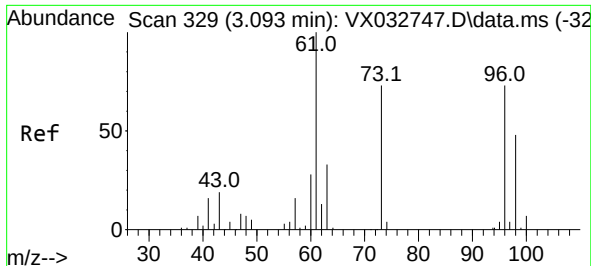
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#18
 Methylene Chloride
 Concen: 18.672 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Tgt Ion: 84 Resp: 27008
 Ion Ratio Lower Upper
 84 100
 49 118.6 84.6 127.0
 51 36.2 26.5 39.7
 86 62.8 53.4 80.2





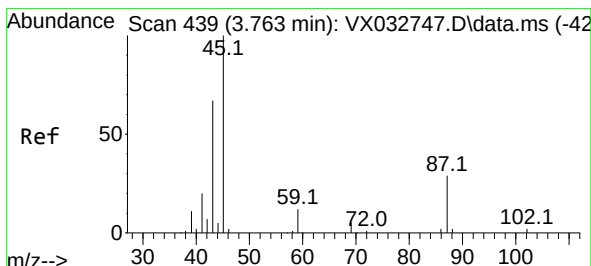
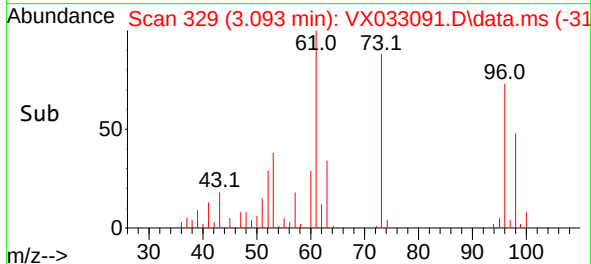
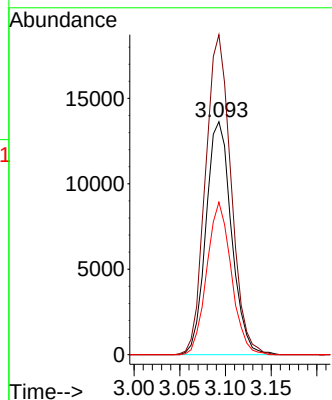
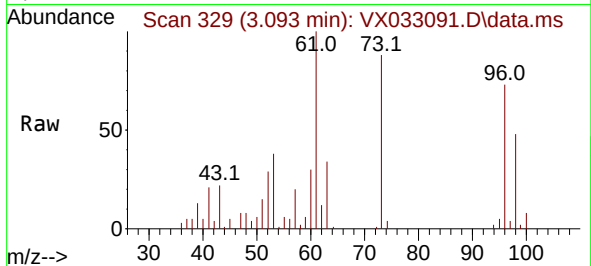
#19
trans-1,2-Dichloroethene
Concen: 19.141 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 26440
Ion Ratio Lower Upper
96 100
61 137.4 87.4 131.0
98 65.5 51.5 77.3

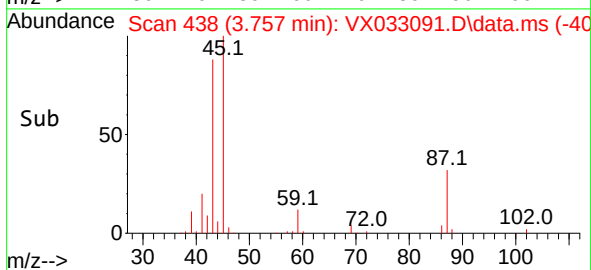
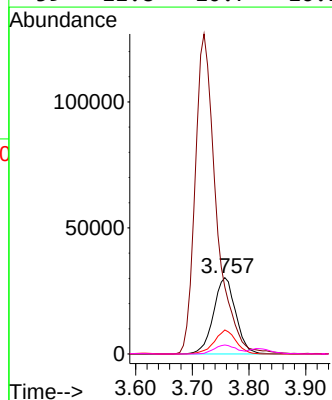
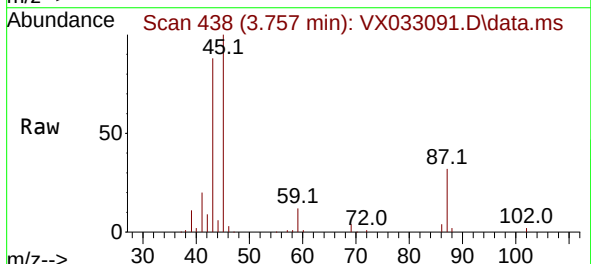
Manual Integrations
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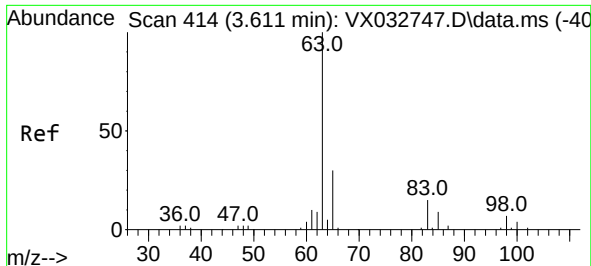
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#20
Diisopropyl ether
Concen: 18.386 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 45 Resp: 82162
Ion Ratio Lower Upper
45 100
43 86.0 74.5 111.7
87 31.6 30.4 45.6
59 11.8 10.7 16.1





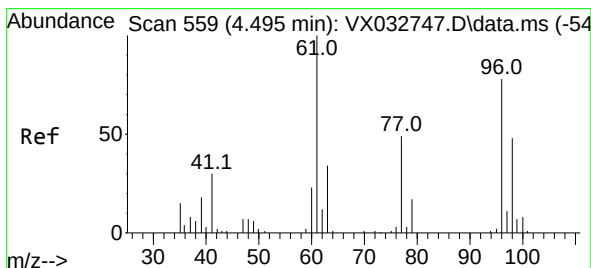
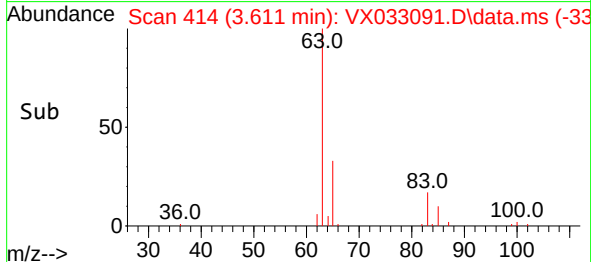
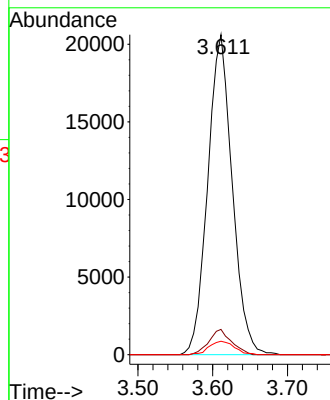
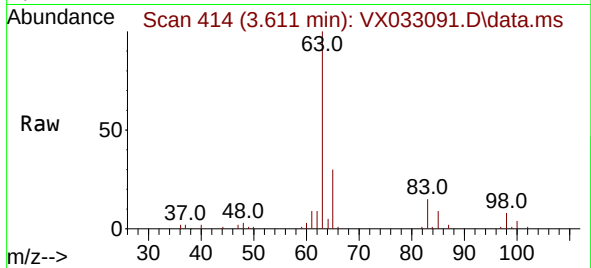
#21
1,1-Dichloroethane
Concen: 18.728 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 4698
Ion Ratio Lower Upper
63 100
98 7.9 4.5 13.7
100 4.2 2.8 8.3

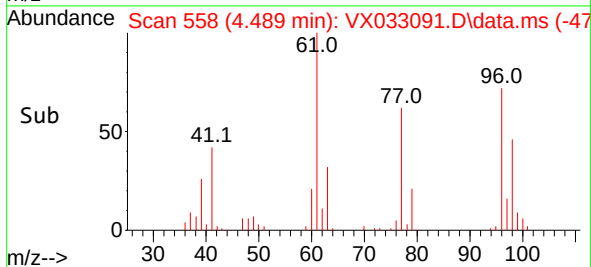
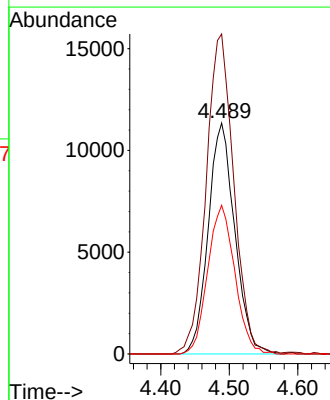
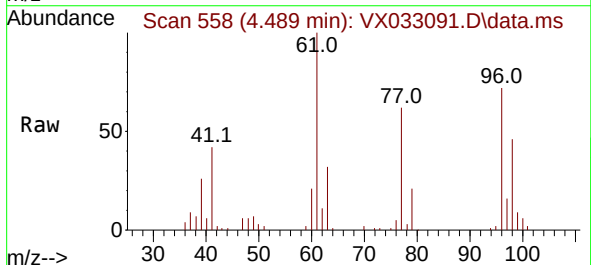
Manual Integrations
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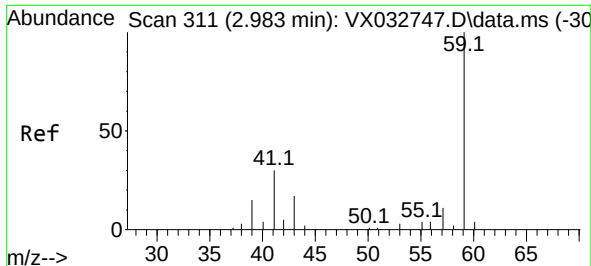
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#22
cis-1,2-Dichloroethene
Concen: 18.964 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 96 Resp: 30593
Ion Ratio Lower Upper
96 100
61 144.0 98.0 147.0
98 65.3 52.2 78.4





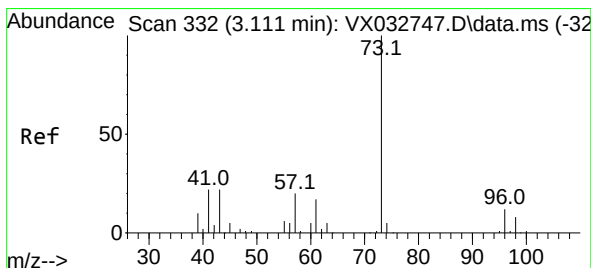
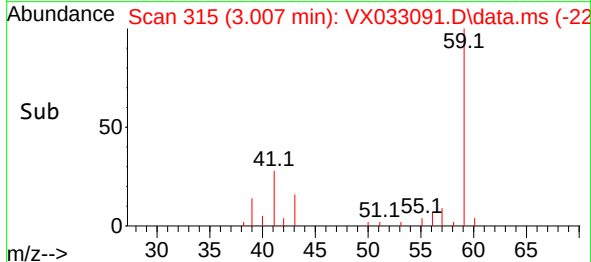
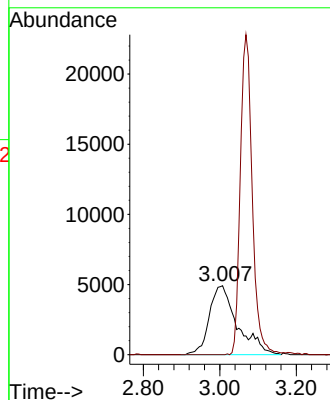
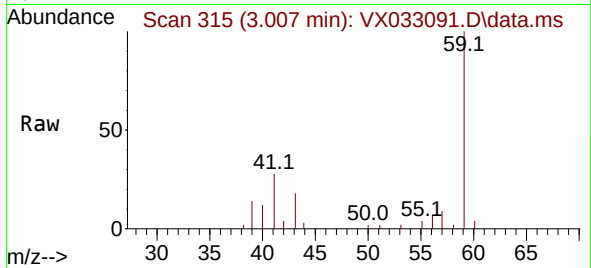
#23
tert-Butyl Alcohol
Concen: 116.079 ug/l m
RT: 3.007 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 2510
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

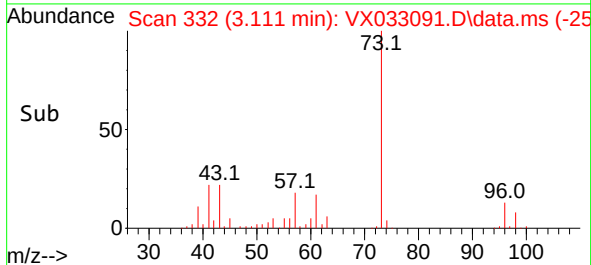
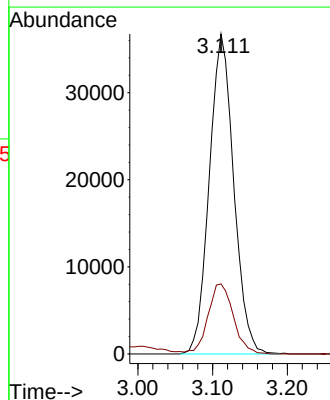
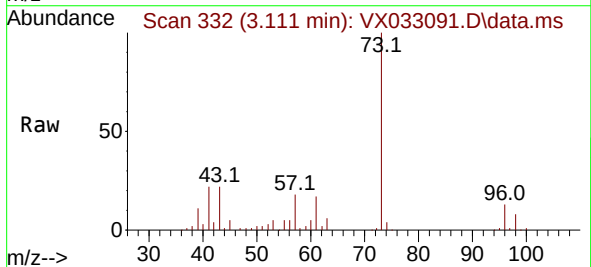
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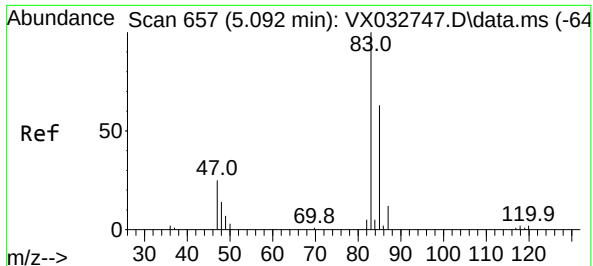
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#24
Methyl tert-Butyl Ether
Concen: 18.564 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 73 Resp: 83375
Ion Ratio Lower Upper
73 100
43 22.7 14.8 22.2#





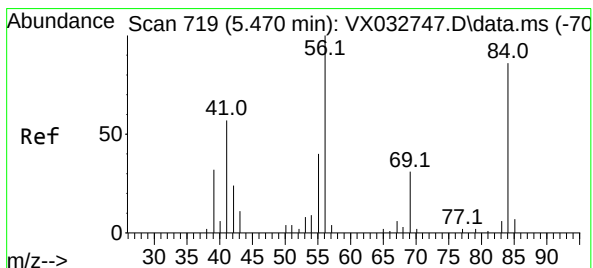
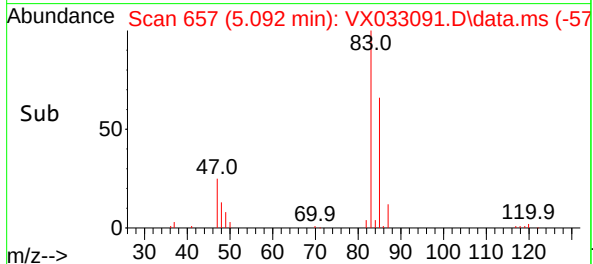
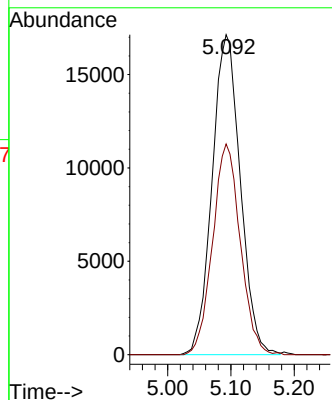
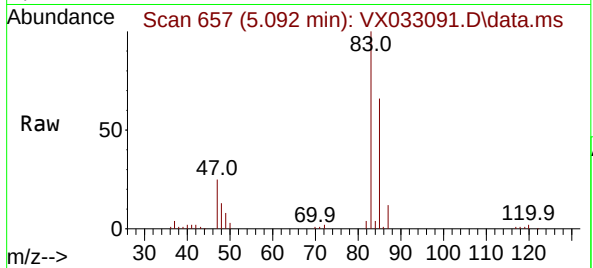
#25
Chloroform
Concen: 18.955 ug/l
RT: 5.092 min Scan# 612
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 53034
Ion Ratio Lower Upper
83 100
85 65.9 51.4 77.0

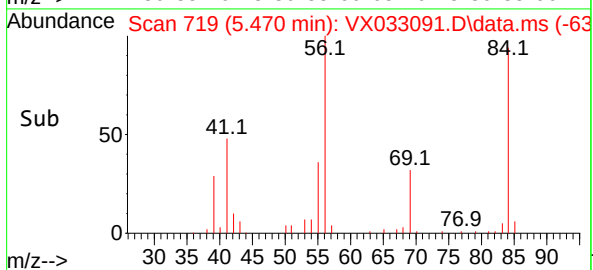
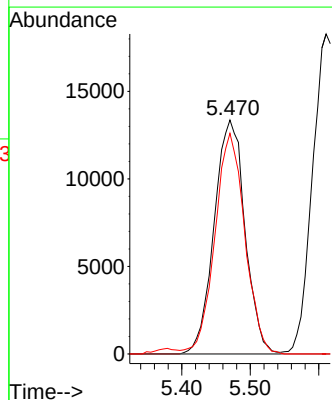
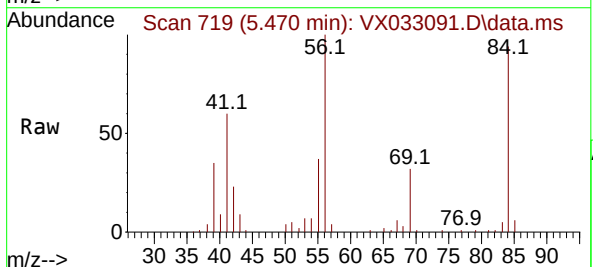
Manual Integrations
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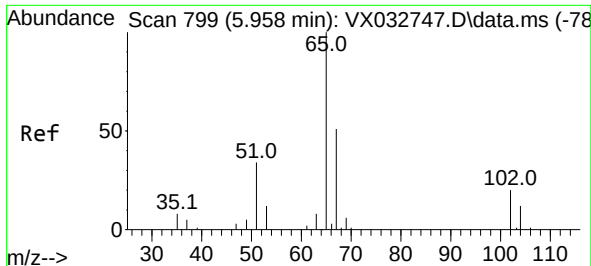
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#26
Cyclohexane
Concen: 19.042 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 56 Resp: 41717
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.6 86.6 130.0





#27

1,2-Dichloroethane-d4

Concen: 29.980 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 37290

Ion Ratio Lower Upper

65 100

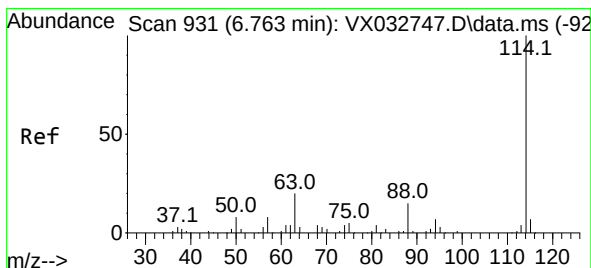
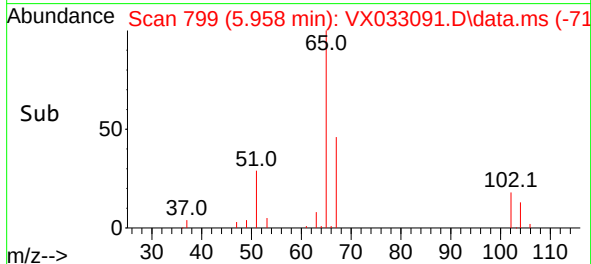
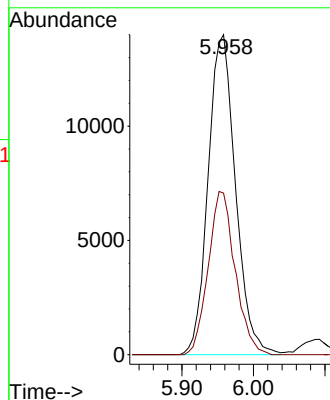
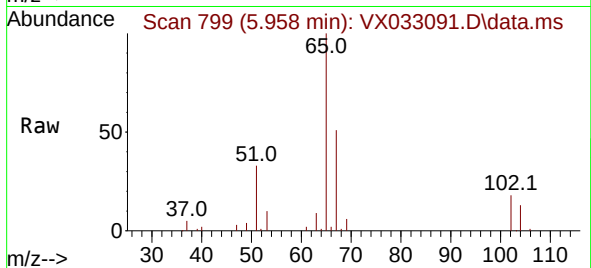
67 50.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

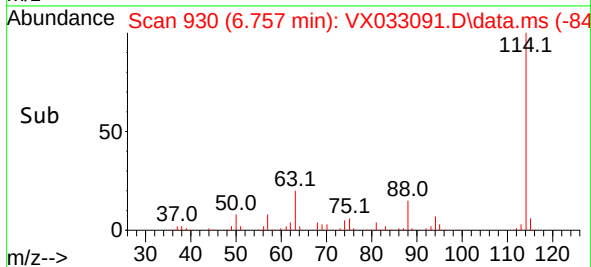
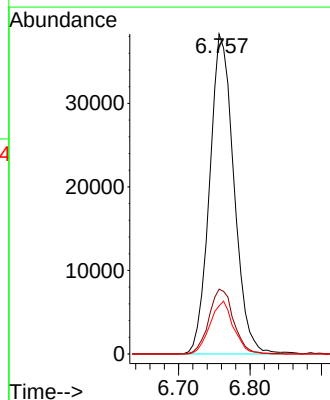
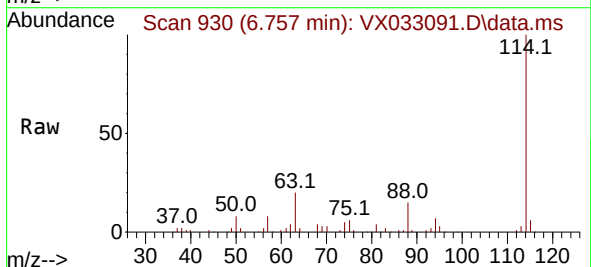
Tgt Ion:114 Resp: 90449

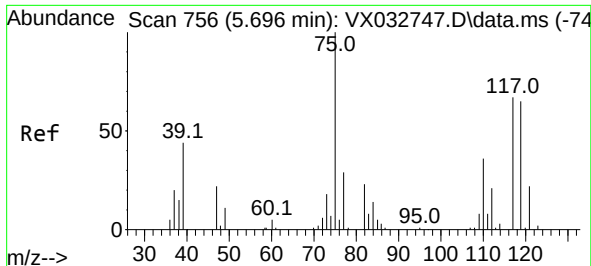
Ion Ratio Lower Upper

114 100

63 20.6 13.6 20.4

88 15.9 11.8 17.6





#29

1,1-Dichloropropene

Concen: 19.051 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

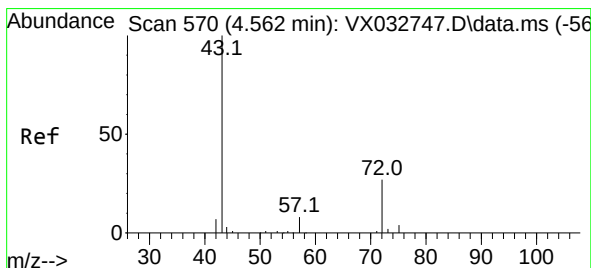
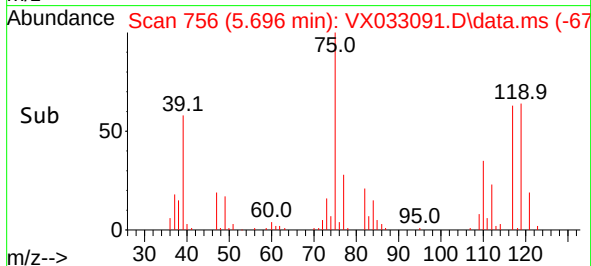
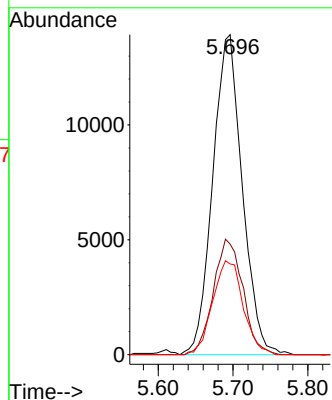
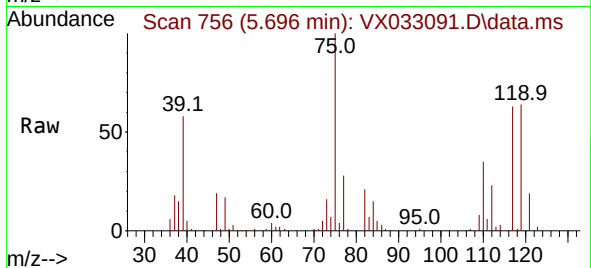
Tgt Ion: 75	Resp: 3821
Ion Ratio	Lower Upper
75 100	
110 36.1	0.0 80.4
77 30.3	0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#30

2-Butanone

Concen: 90.574 ug/l

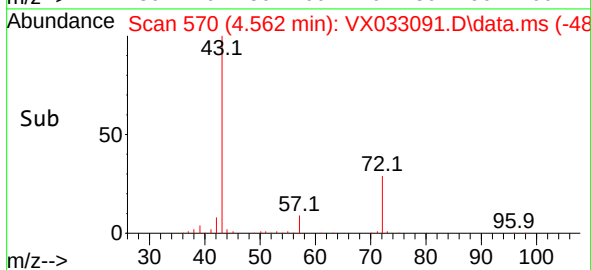
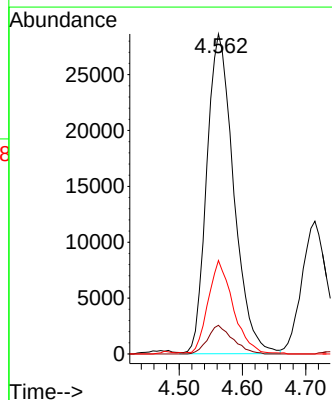
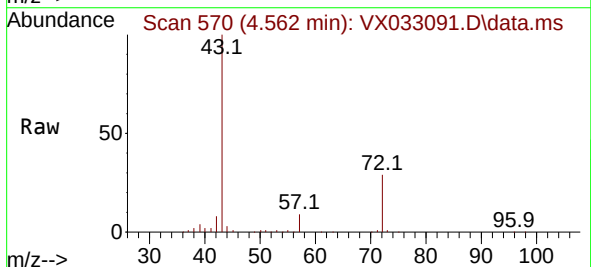
RT: 4.562 min Scan# 570

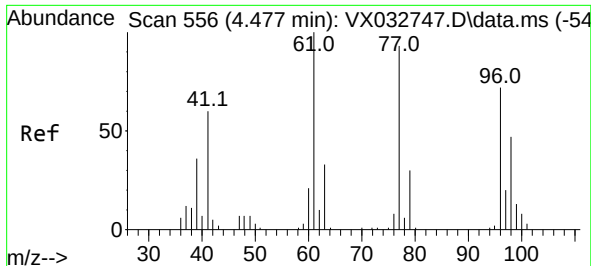
Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Tgt Ion: 43	Resp: 84718
Ion Ratio	Lower Upper
43 100	
57 8.4	7.5 11.3
72 27.3	26.6 39.8





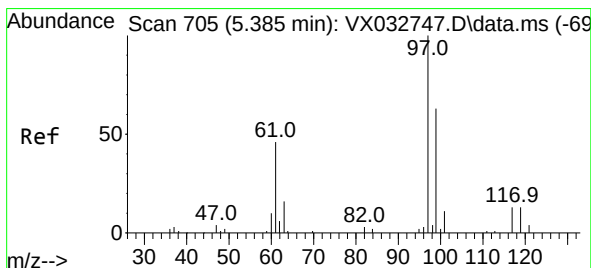
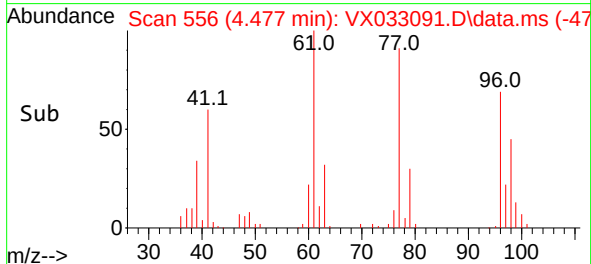
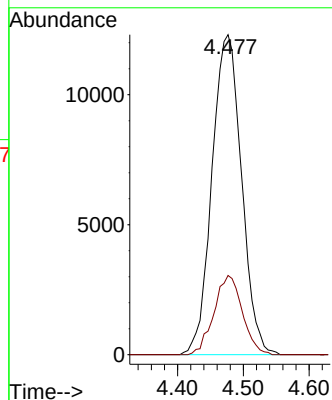
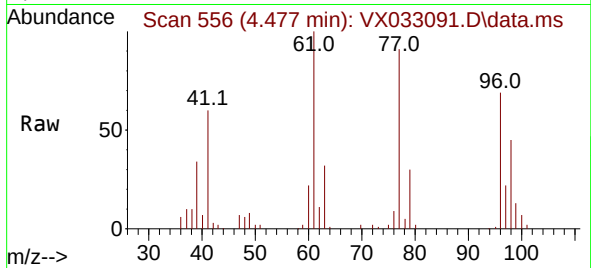
#31
2,2-Dichloropropane
Concen: 22.452 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 38518
Ion Ratio Lower Upper
77 100
97 23.7 20.0 30.0

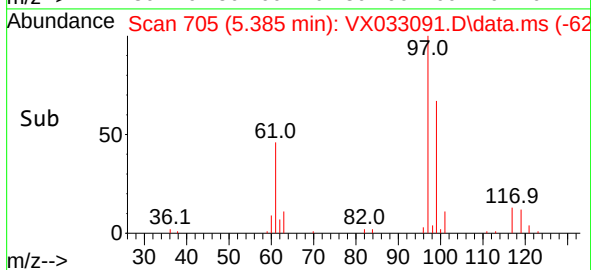
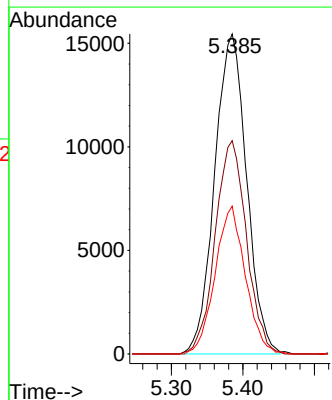
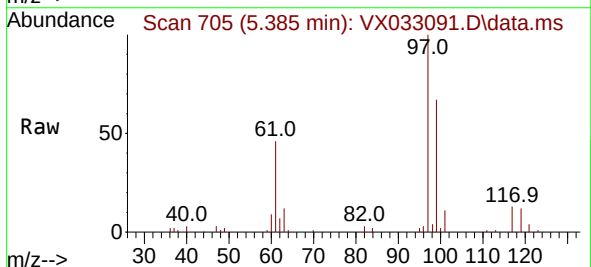
Manual Integrations
APPROVED

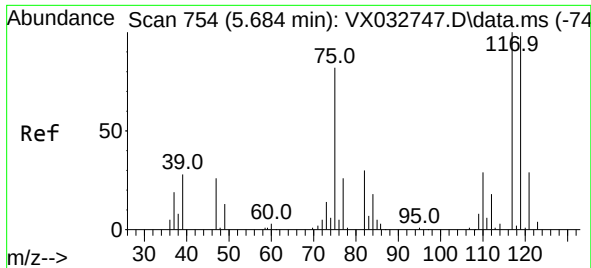
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#32
1,1,1-Trichloroethane
Concen: 19.013 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 97 Resp: 47976
Ion Ratio Lower Upper
97 100
99 65.1 53.8 80.6
61 43.6 31.3 46.9





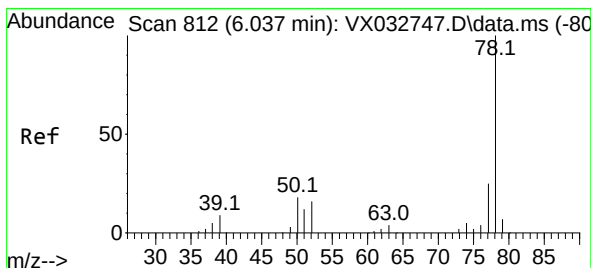
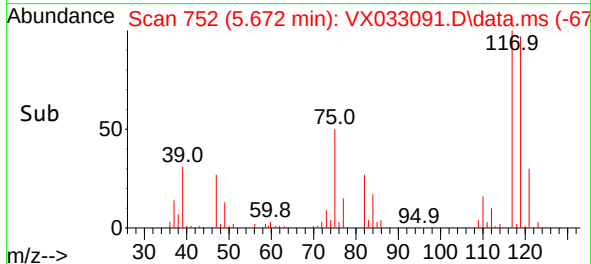
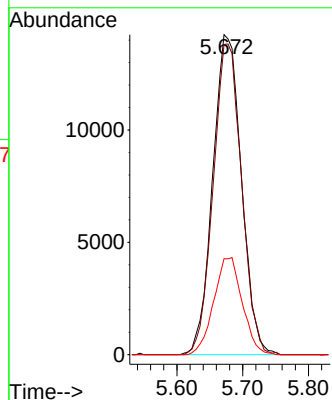
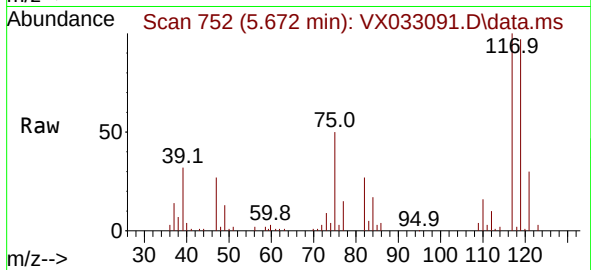
#33
Carbon Tetrachloride
Concen: 19.486 ug/l
RT: 5.672 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 4317
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.2
121 30.0 24.4 36.6

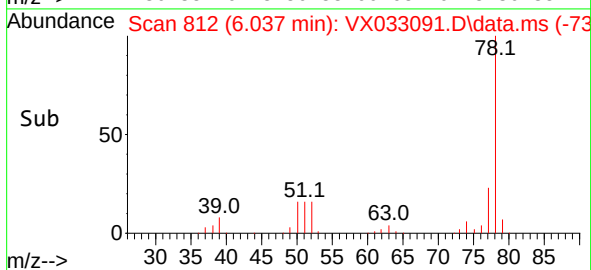
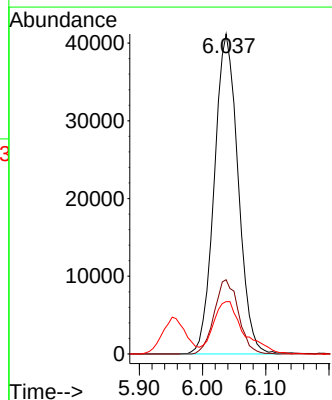
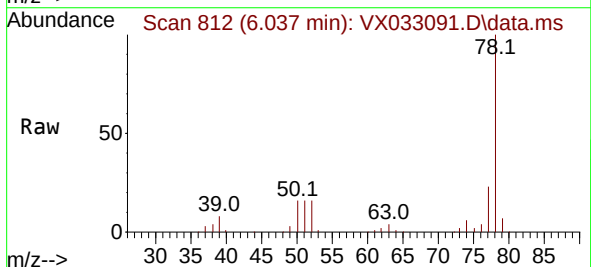
Manual Integrations
APPROVED

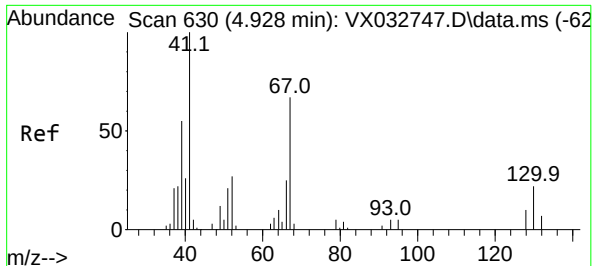
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#34
Benzene
Concen: 19.013 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

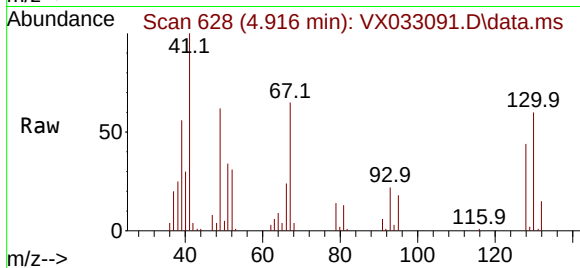
Tgt Ion: 78 Resp: 107466
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6
51 16.0 10.6 15.8#





#35
Methacrylonitrile
Concen: 18.182 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

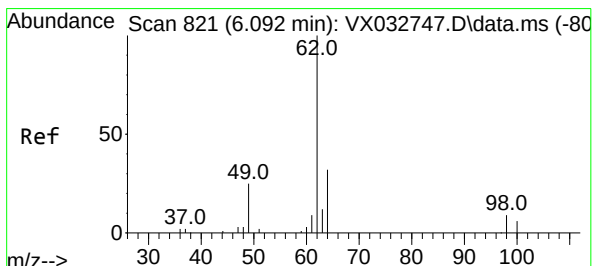
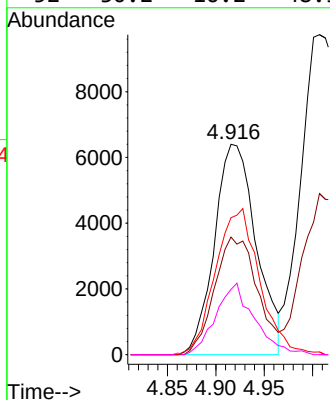
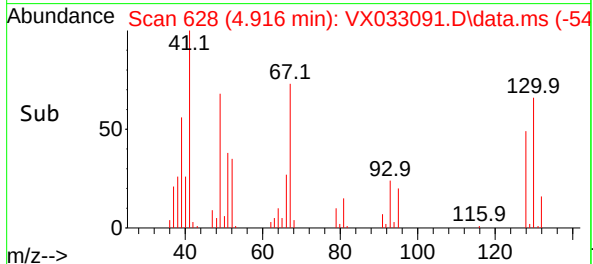
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:	41	Resp:	1926
Ion Ratio	Lower	Upper	
41	100		
39	55.9	26.9	80.7
67	65.1	40.6	121.8
52	30.2	16.2	48.5

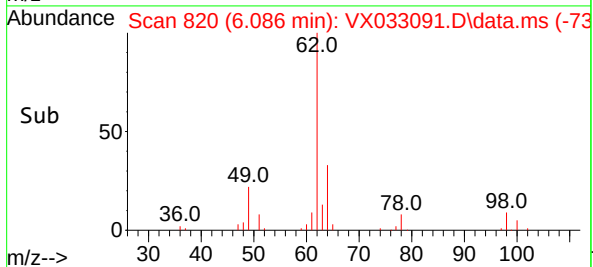
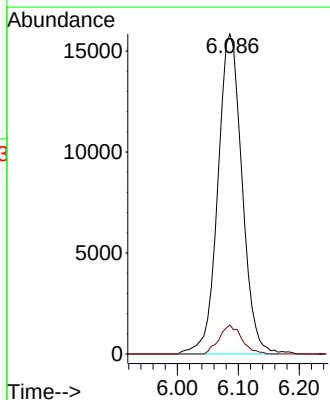
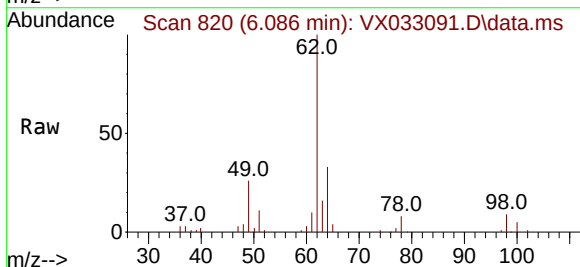
Manual Integrations
APPROVED

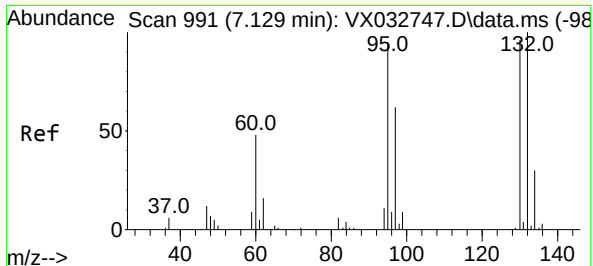
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#36
1,2-Dichloroethane
Concen: 18.807 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion:	62	Resp:	43761
Ion Ratio	Lower	Upper	
62	100		
98	8.4	8.8	13.2#





#37

Trichloroethene

Concen: 19.328 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 30562

Ion Ratio Lower Upper

130 100

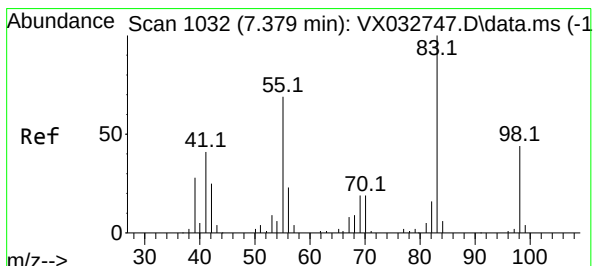
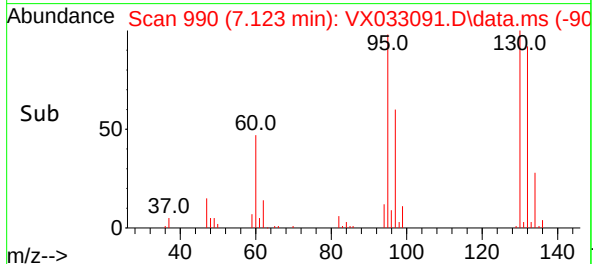
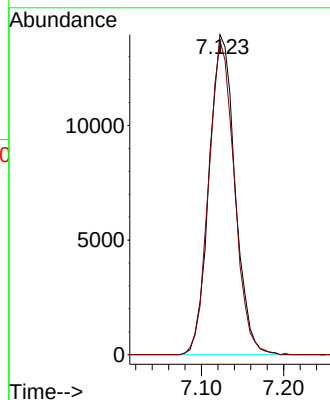
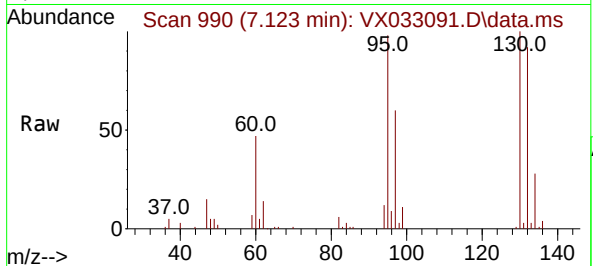
95 98.1 72.4 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#38

Methylcyclohexane

Concen: 19.410 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

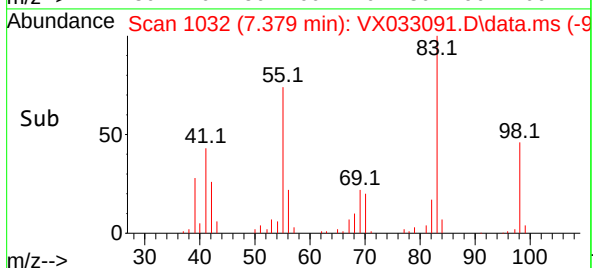
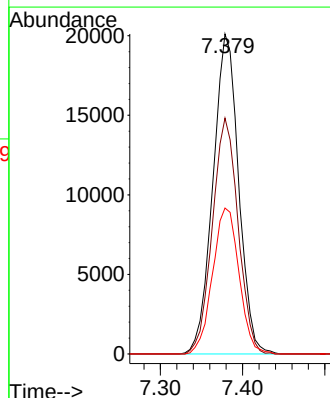
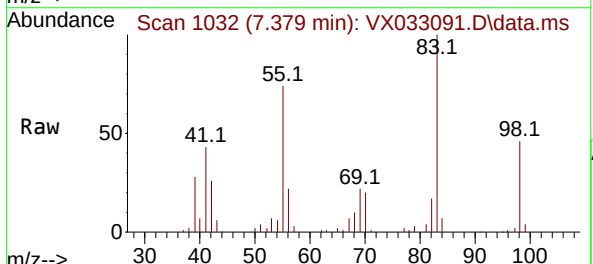
Tgt Ion: 83 Resp: 43626

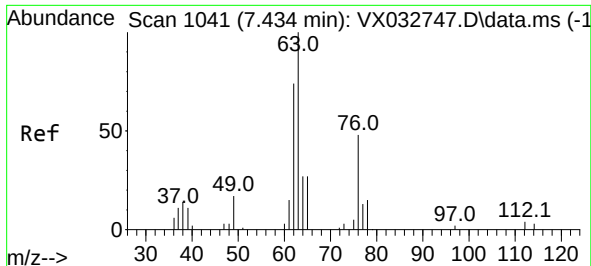
Ion Ratio Lower Upper

83 100

55 73.7 31.6 94.7

98 47.1 26.9 80.6





#39

1,2-Dichloropropane

Concen: 19.152 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 2740

Ion Ratio Lower Upper

63 100

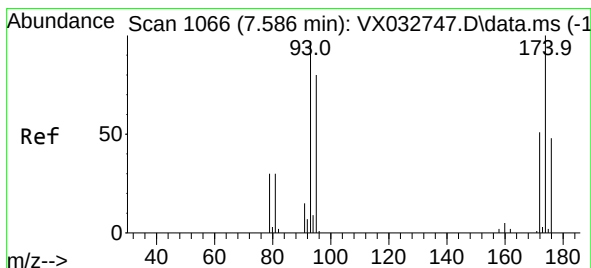
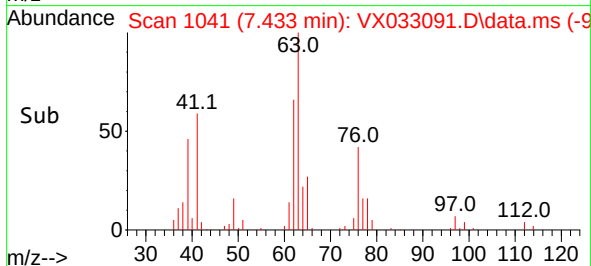
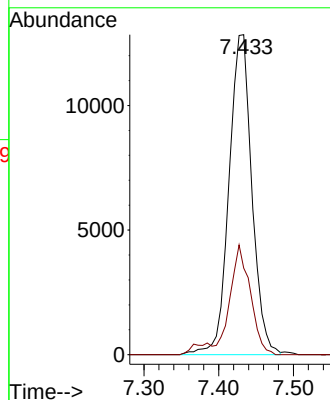
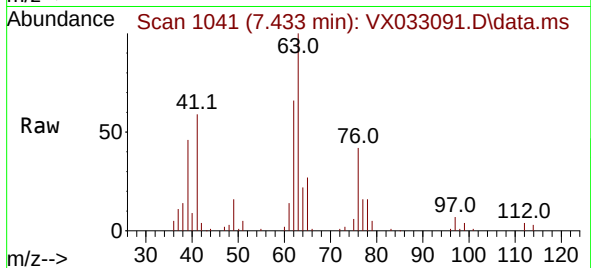
65 27.0 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#40

Dibromomethane

Concen: 19.284 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

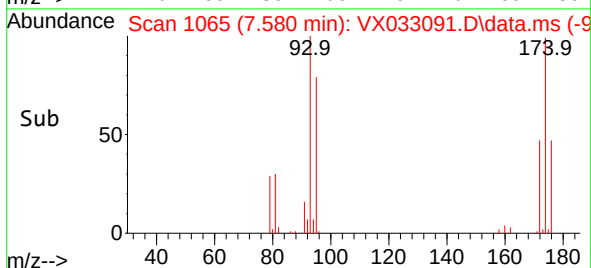
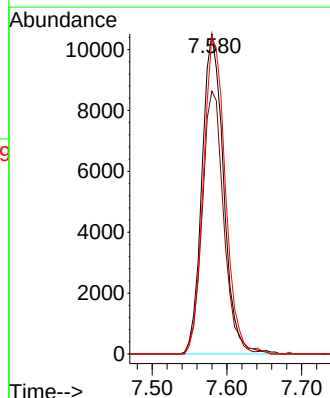
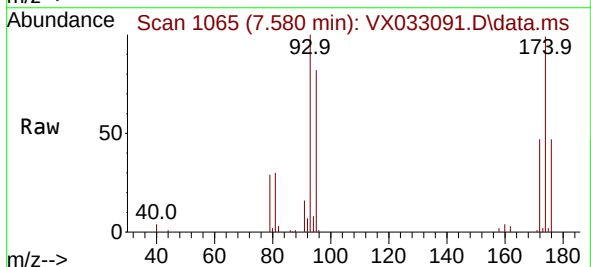
Tgt Ion: 93 Resp: 21064

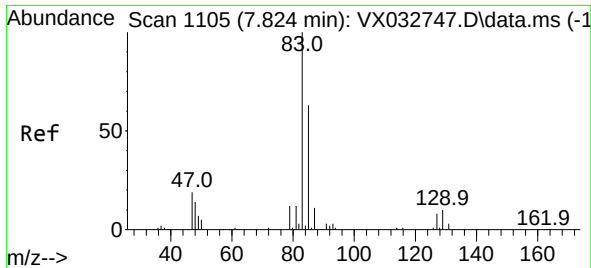
Ion Ratio Lower Upper

93 100

95 81.2 0.0 165.0

174 100.3 0.0 205.2





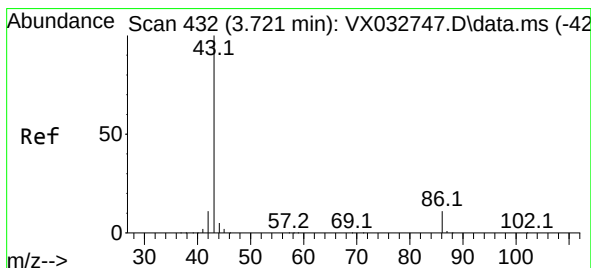
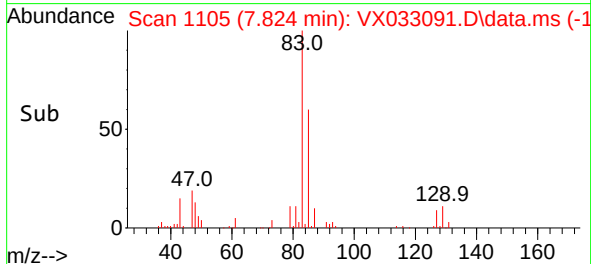
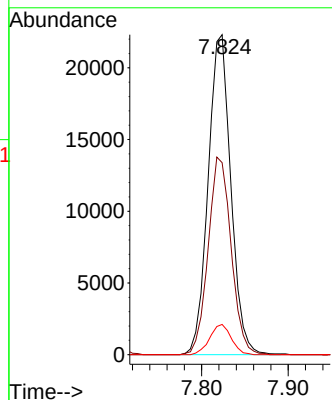
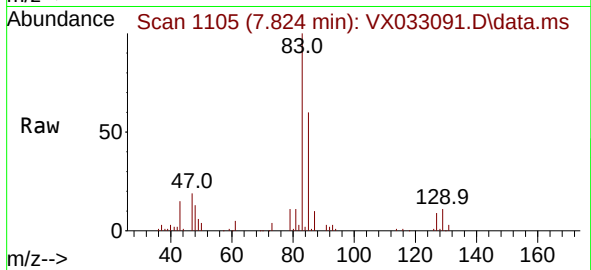
#41
Bromodichloromethane
Concen: 19.536 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 40675
Ion Ratio Lower Upper
83 100
85 60.0 52.3 78.5
127 9.4 6.8 10.2

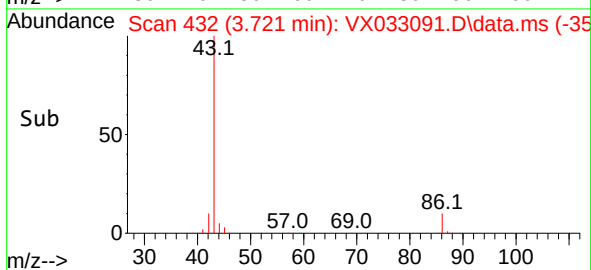
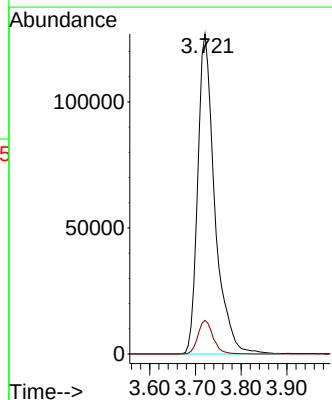
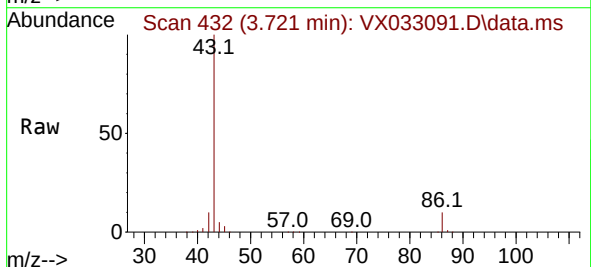
Manual Integrations
APPROVED

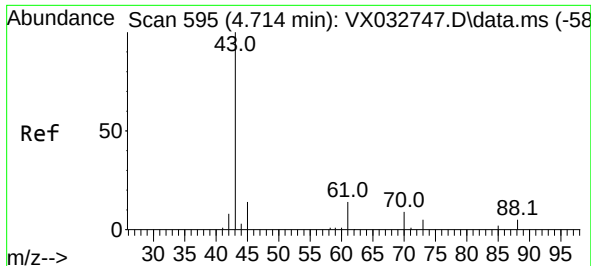
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#42
Vinyl Acetate
Concen: 91.488 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

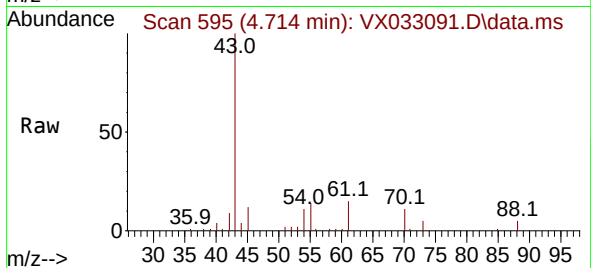
Tgt Ion: 43 Resp: 328816
Ion Ratio Lower Upper
43 100
86 9.3 10.3 15.5#





#43
Ethyl Acetate
Concen: 18.084 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

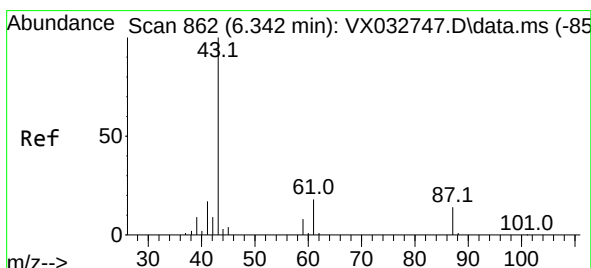
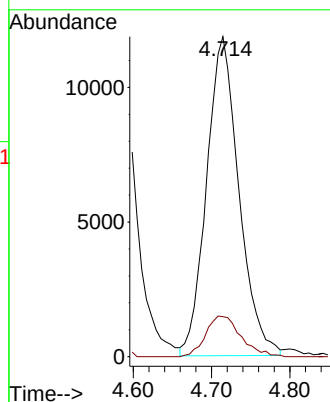
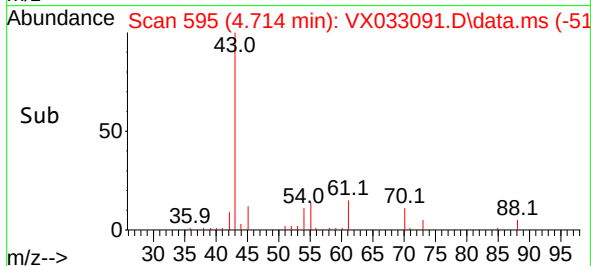
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 34020
Ion Ratio Lower Upper
43 100
45 13.8 8.2 12.2

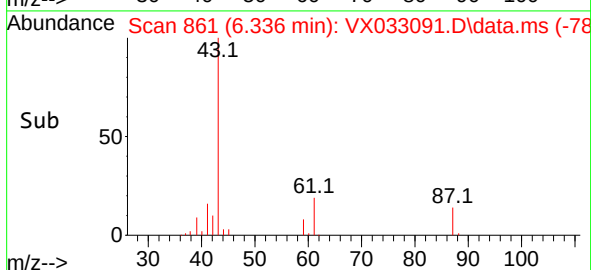
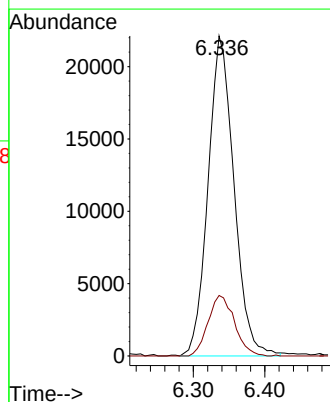
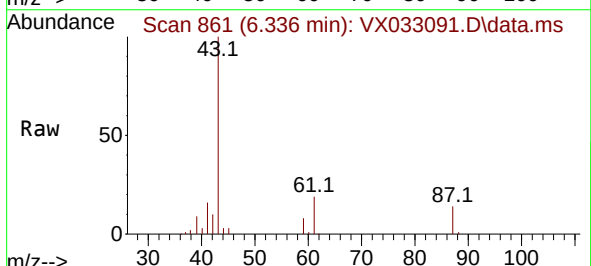
Manual Integrations
APPROVED

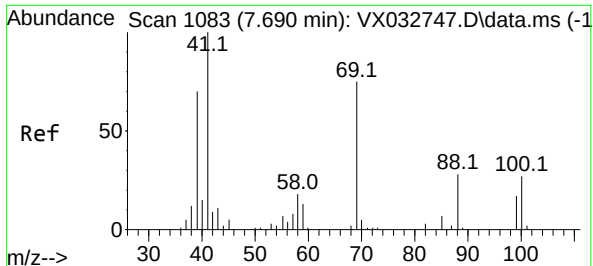
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#44
Isopropyl Acetate
Concen: 17.664 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 43 Resp: 55698
Ion Ratio Lower Upper
43 100
61 19.2 17.2 25.8





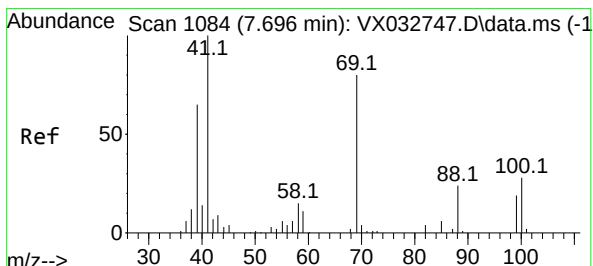
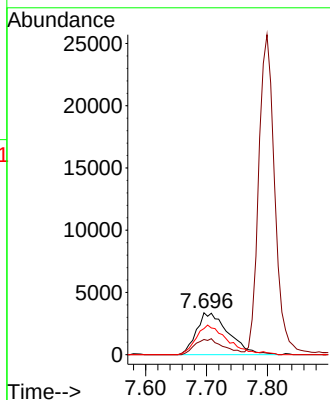
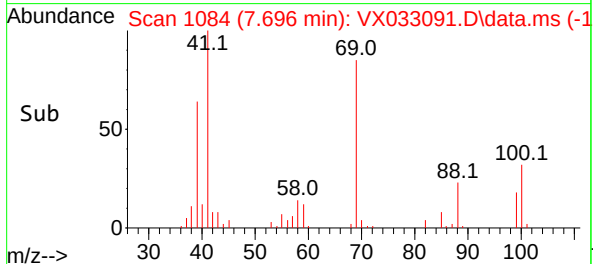
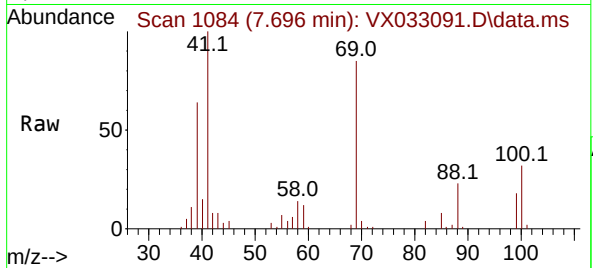
#45
1,4-Dioxane
Concen: 408.262 ug/l
RT: 7.696 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1236
Ion Ratio Lower Upper
88 100
43 33.9 20.4 30.6
58 66.8 44.0 66.0

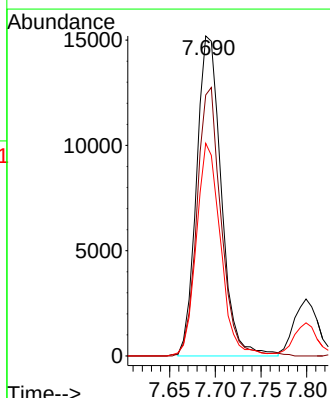
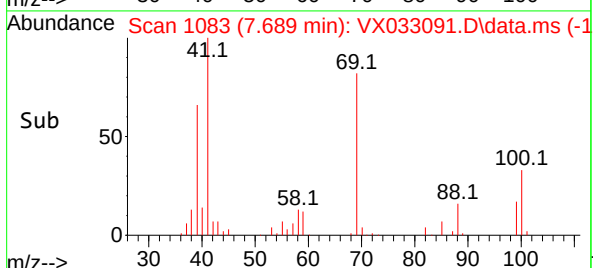
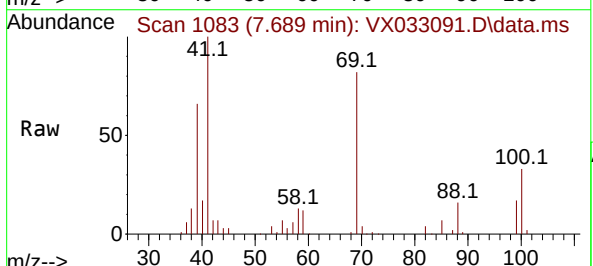
Manual Integrations
APPROVED

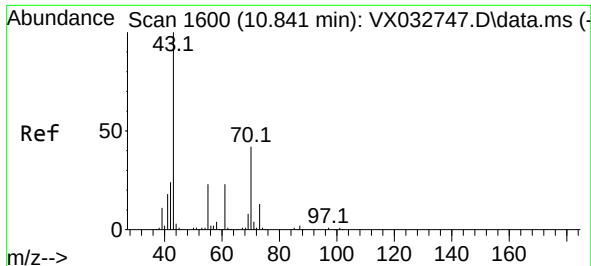
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#46
Methyl methacrylate
Concen: 18.014 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 41 Resp: 28595
Ion Ratio Lower Upper
41 100
69 81.2 50.5 151.5
39 65.8 34.6 103.8





#47

n-amy1 Acetate

Concen: 17.899 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 50174

Ion Ratio Lower Upper

43 100

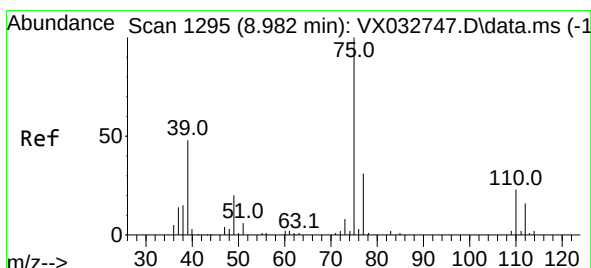
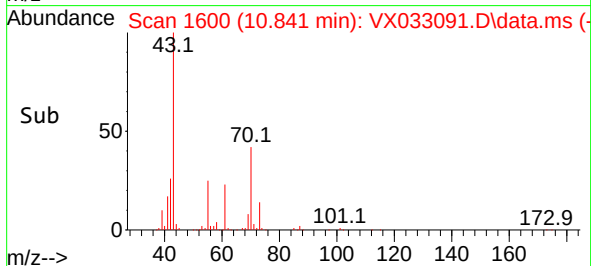
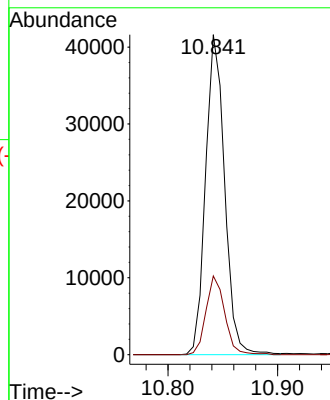
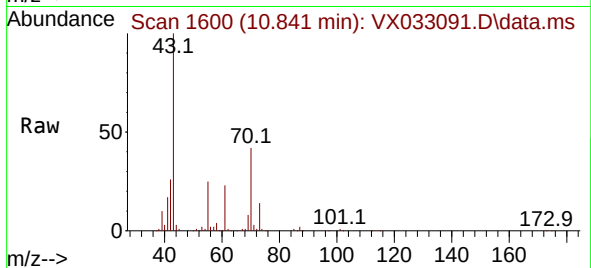
55 24.1 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#48

t-1,3-Dichloropropene

Concen: 18.557 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX033091.D

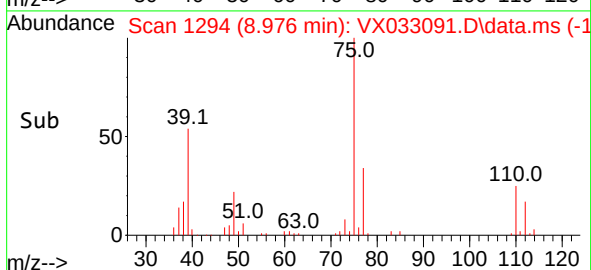
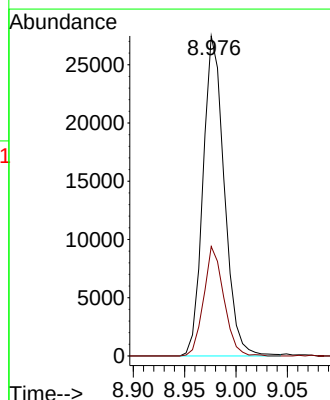
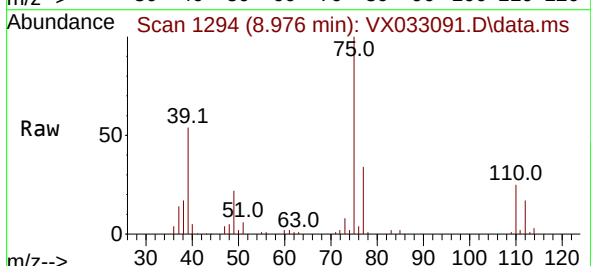
Acq: 28 Nov 2022 15:10

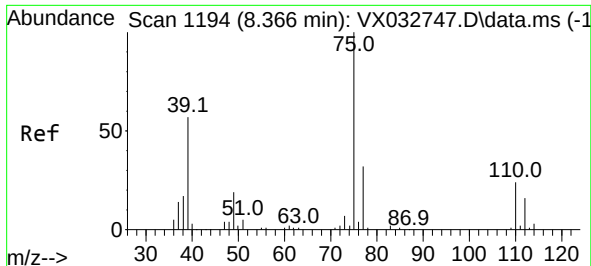
Tgt Ion: 75 Resp: 39638

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.0





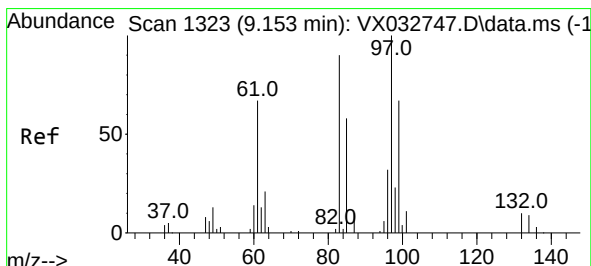
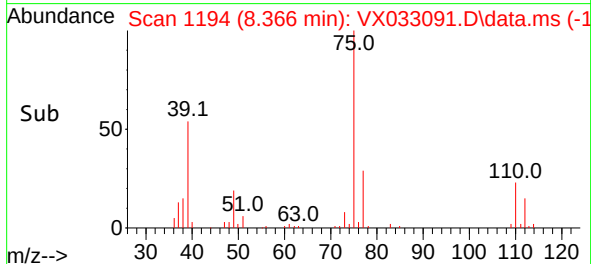
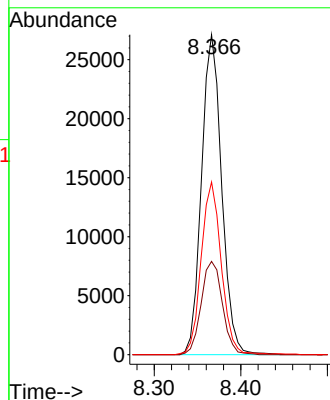
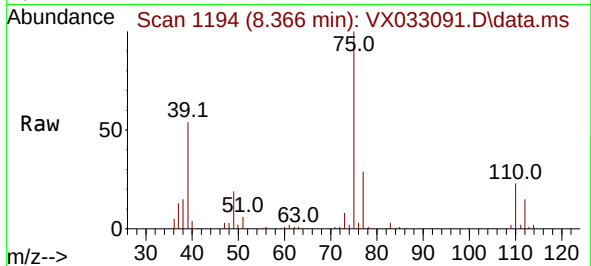
#49
 cis-1,3-Dichloropropene
 Concen: 19.444 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 75 Resp: 4385
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.7 38.5
 39 53.7 34.1 51.1

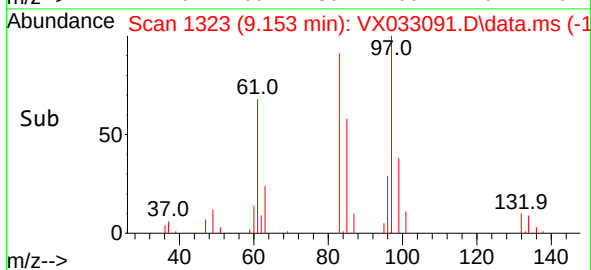
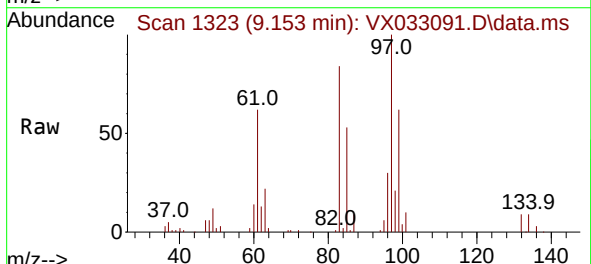
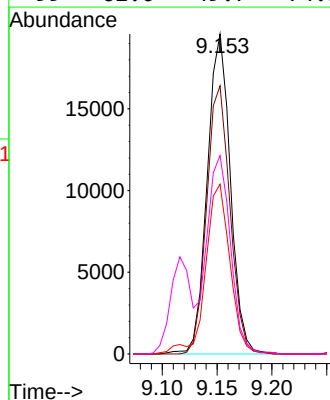
Manual Integrations
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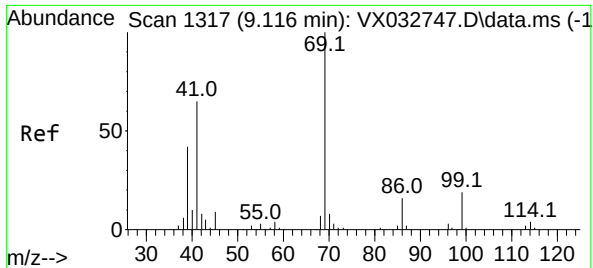
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.063 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

Tgt Ion: 97 Resp: 28631
 Ion Ratio Lower Upper
 97 100
 83 83.8 62.2 93.4
 85 53.1 44.2 66.2
 99 62.0 49.7 74.5





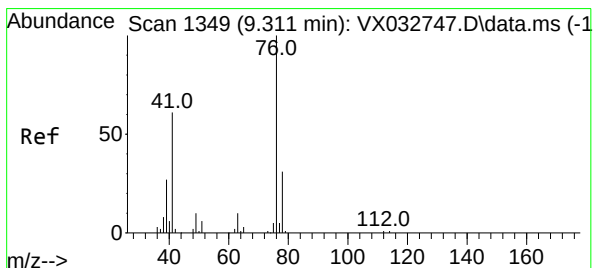
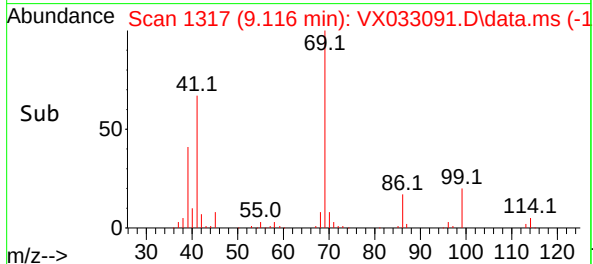
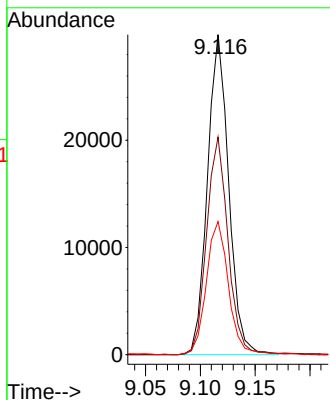
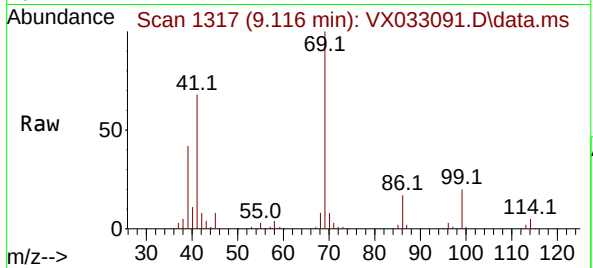
#51
Ethyl methacrylate
Concen: 17.958 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 40280
Ion Ratio Lower Upper
69 100
41 68.0 25.9 77.7
39 41.6 17.8 53.3

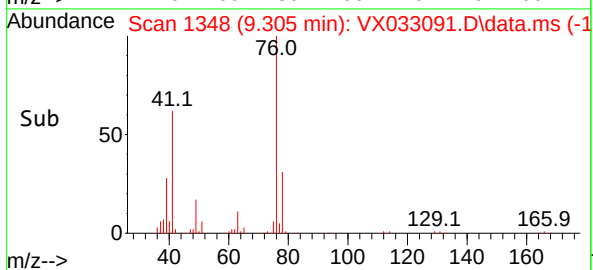
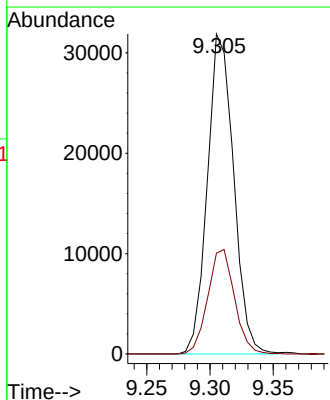
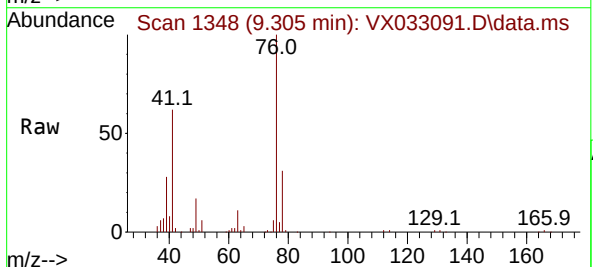
Manual Integrations
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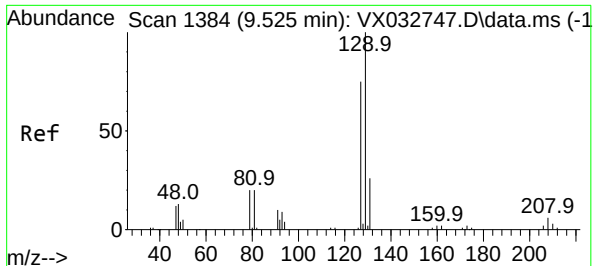
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#52
1,3-Dichloropropane
Concen: 18.771 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 76 Resp: 46091
Ion Ratio Lower Upper
76 100
78 33.2 0.0 66.0





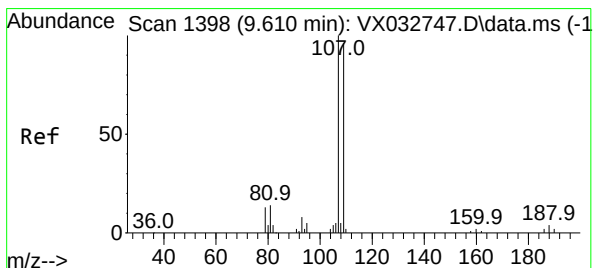
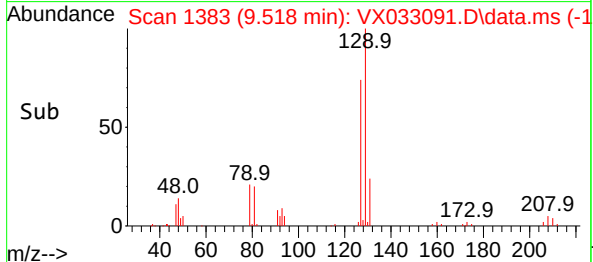
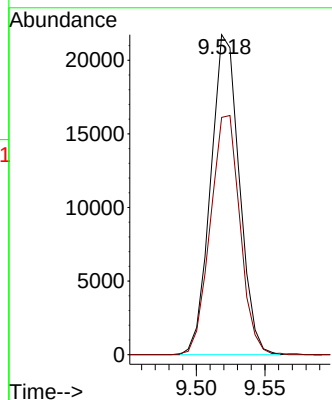
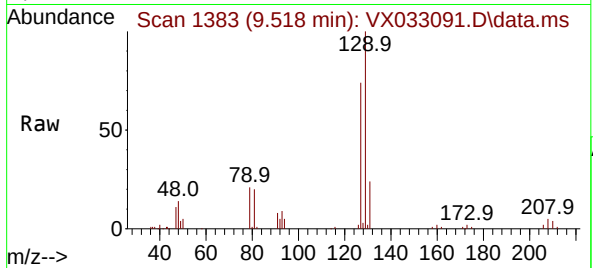
#53
Dibromochloromethane
Concen: 19.342 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 31592
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

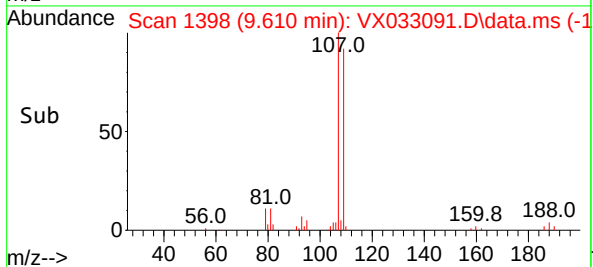
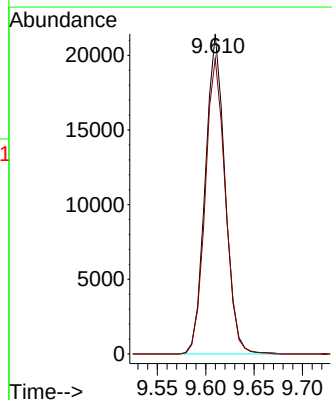
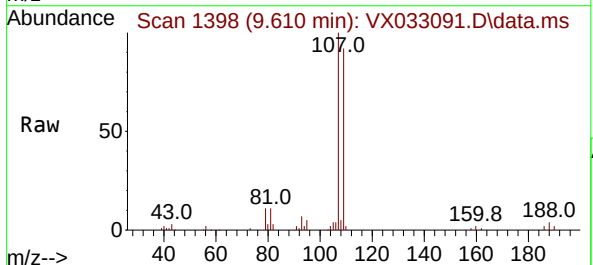
Manual Integrations
APPROVED

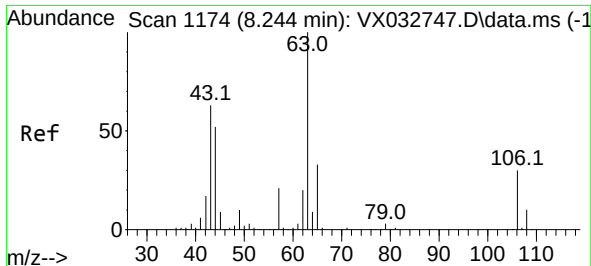
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#54
1,2-Dibromoethane
Concen: 18.782 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion:107 Resp: 30385
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6





#55

2-Chloroethyl vinyl ether

Concen: 85.271 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 92429

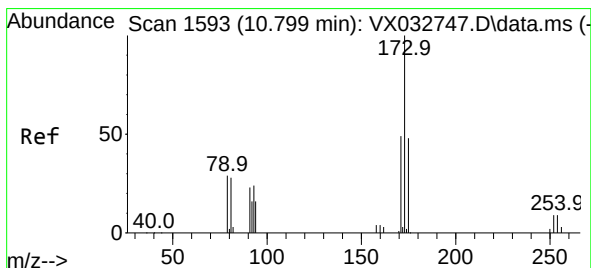
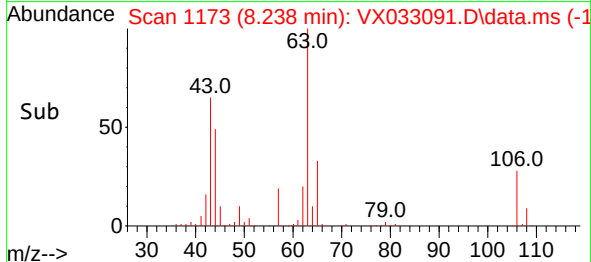
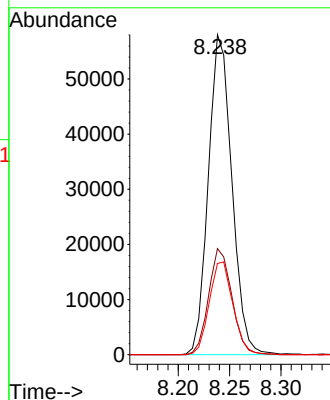
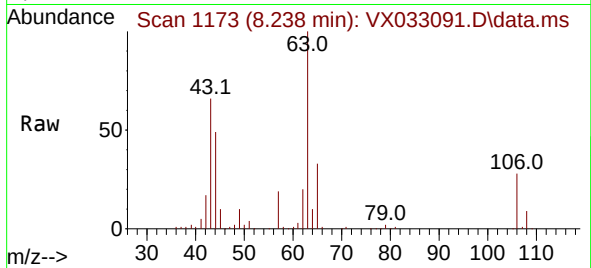
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3
106	29.3	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#56

Bromoform

Concen: 18.518 ug/l

RT: 10.799 min Scan# 1593

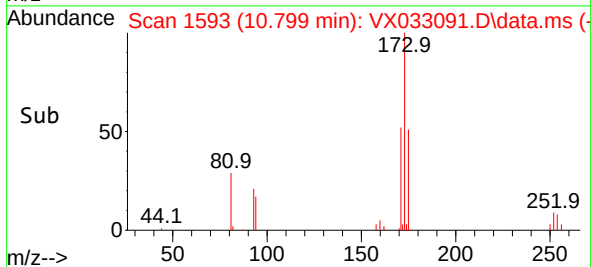
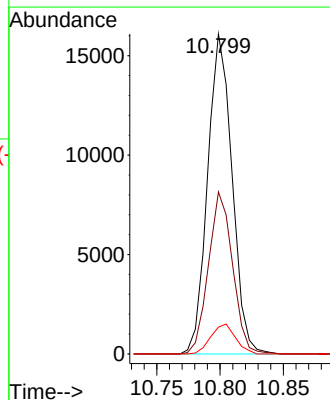
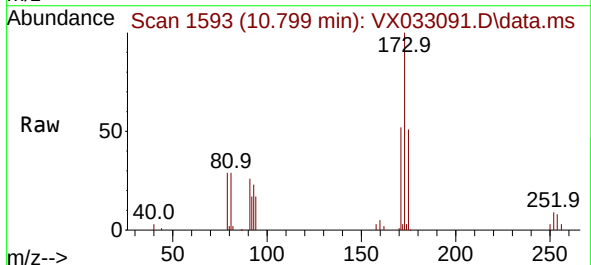
Delta R.T. -0.000 min

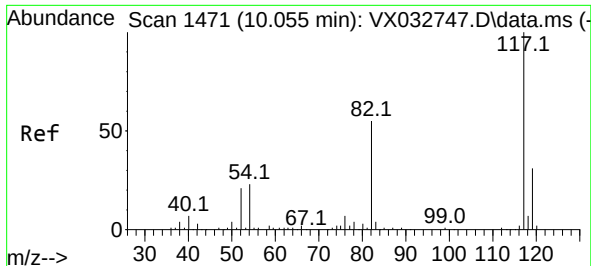
Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Tgt Ion:173 Resp: 21654

Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.6	58.0
254	9.4	6.8	10.2





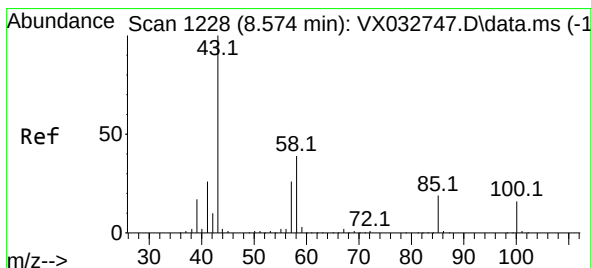
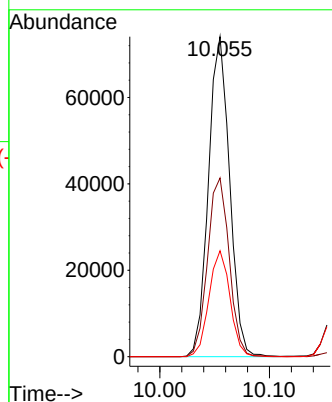
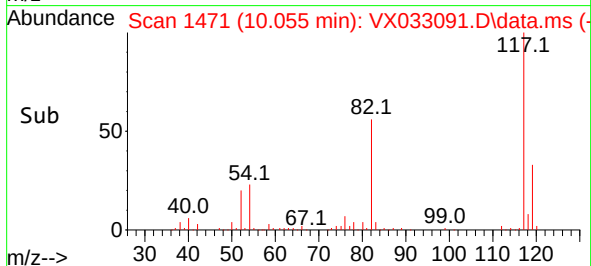
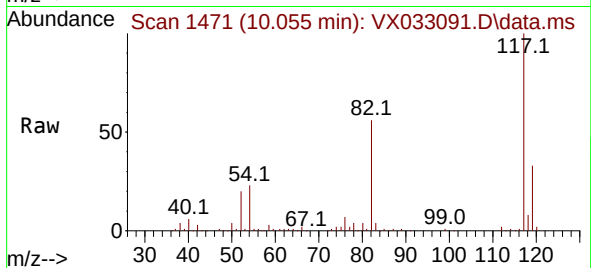
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 99588
Ion Ratio Lower Upper
117 100
82 57.0 40.0 60.0
119 32.9 26.0 39.0

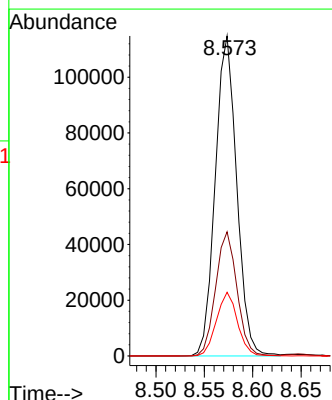
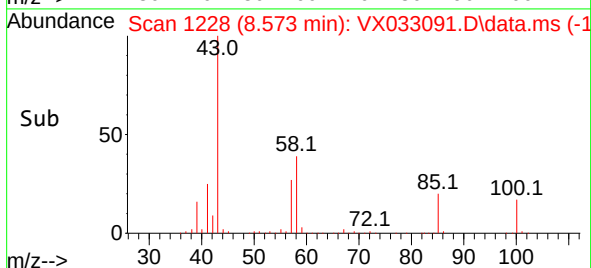
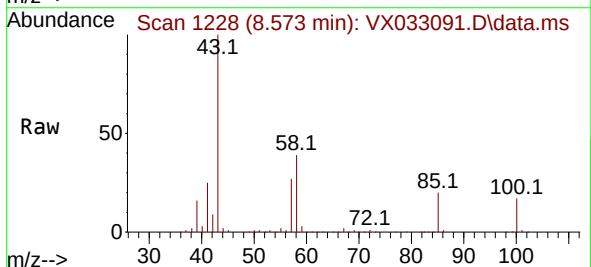
Manual Integrations
APPROVED

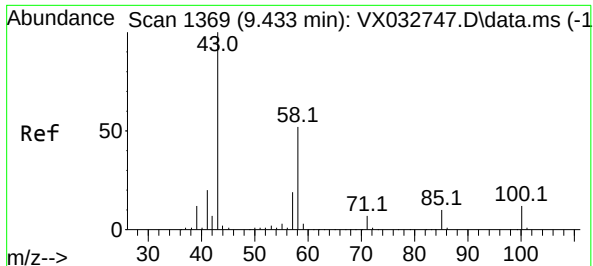
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#58
4-Methyl-2-Pentanone
Concen: 90.780 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

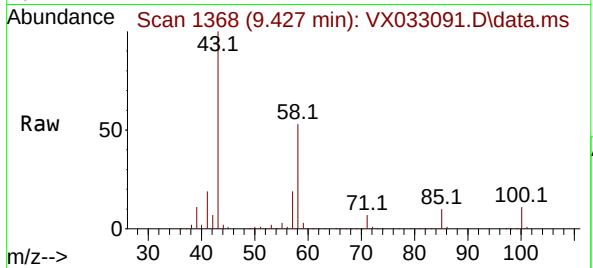
Tgt Ion: 43 Resp: 176977
Ion Ratio Lower Upper
43 100
58 38.6 34.9 52.3
85 19.6 19.4 29.2





#59
2-Hexanone
Concen: 91.487 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

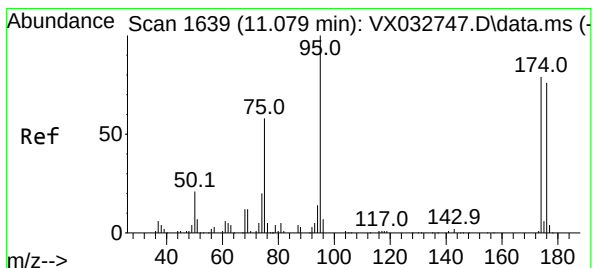
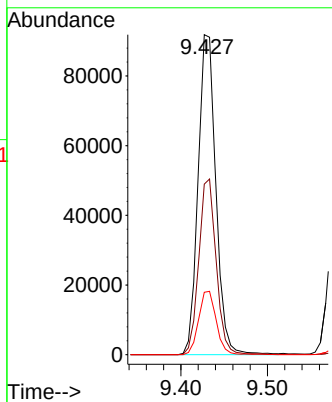
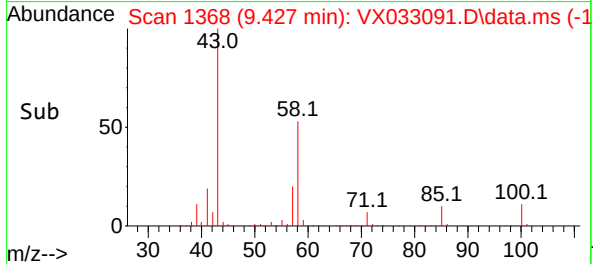
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 131318
Ion Ratio Lower Upper
43 100
58 53.6 49.0 73.6
57 19.4 17.0 25.4

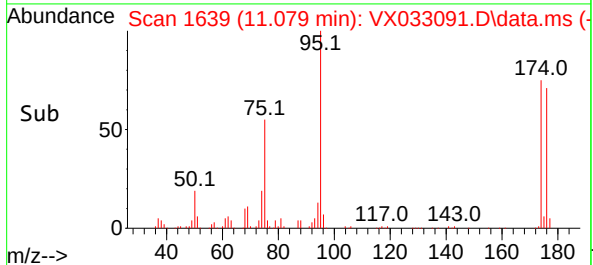
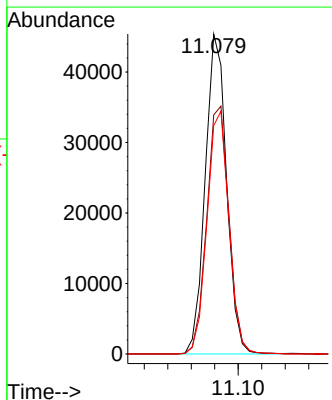
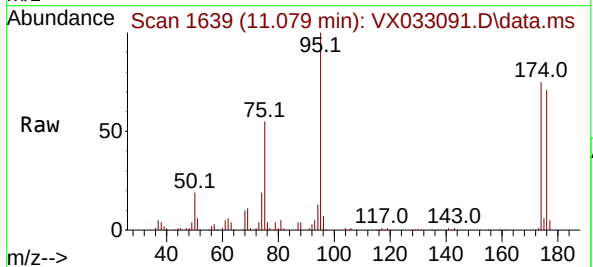
Manual Integrations
APPROVED

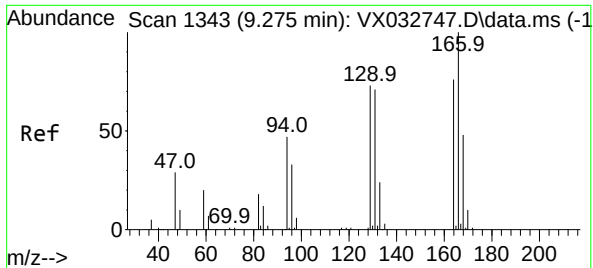
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#60
4-Bromofluorobenzene
Concen: 29.983 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

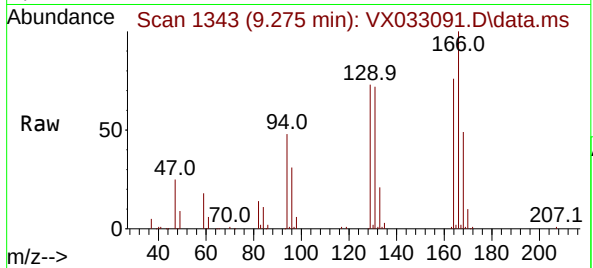
Tgt Ion: 95 Resp: 57117
Ion Ratio Lower Upper
95 100
174 81.0 68.2 102.2
176 77.9 68.1 102.1





#61
Tetrachloroethene
Concen: 19.163 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

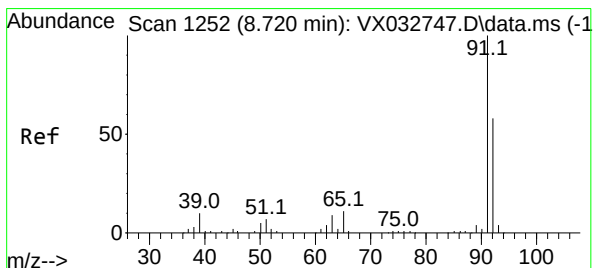
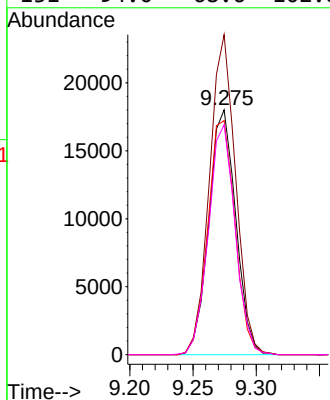
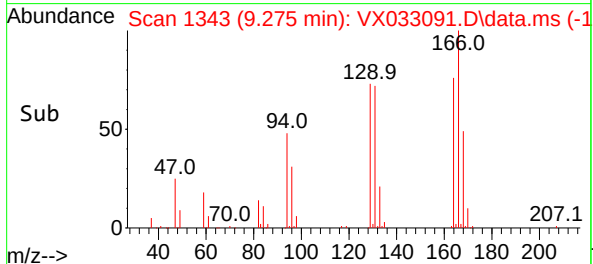
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



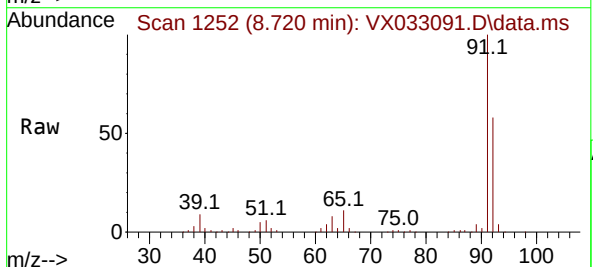
Tgt Ion:164 Resp: 2667
Ion Ratio Lower Upper
164 100
166 130.7 102.8 154.2
129 95.6 73.0 109.4
131 94.0 68.6 102.8

Manual Integrations
APPROVED

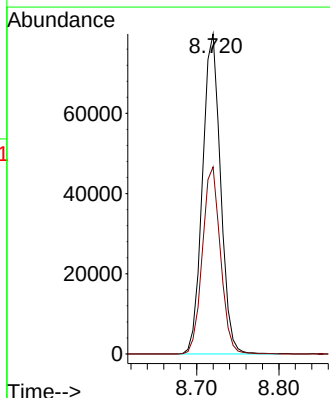
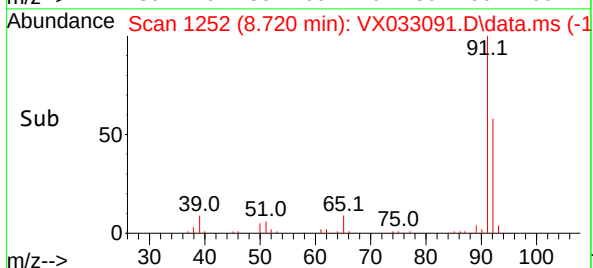
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

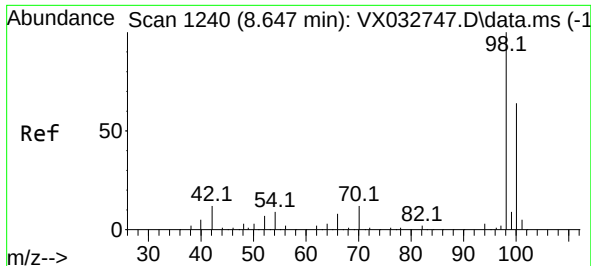


#62
Toluene
Concen: 18.802 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



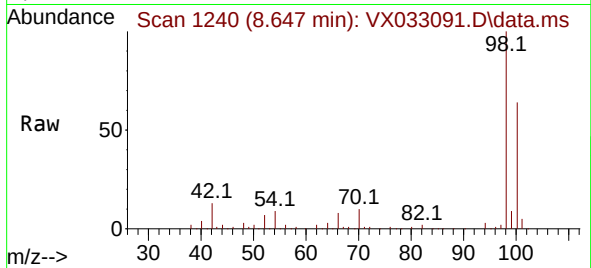
Tgt Ion: 91 Resp: 121770
Ion Ratio Lower Upper
91 100
92 58.4 47.3 70.9





#63
Toluene-d8
Concen: 29.883 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

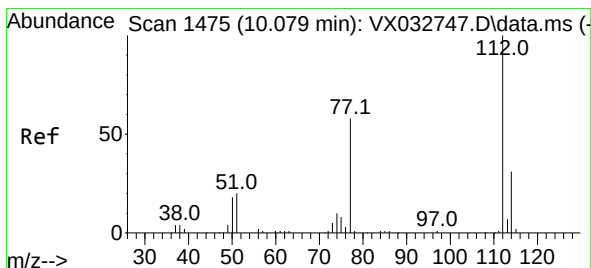
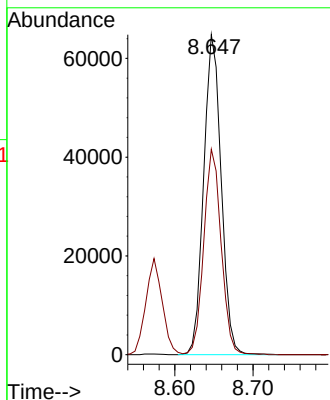
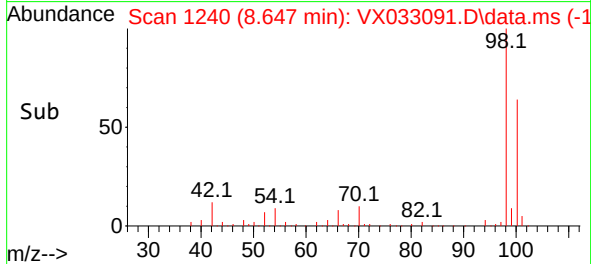
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



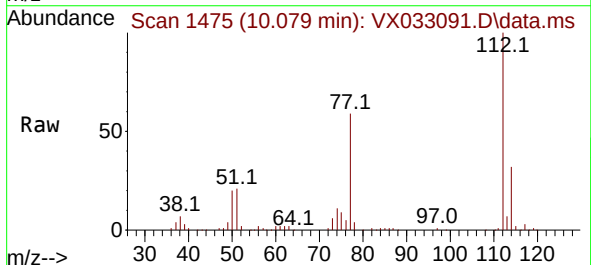
Tgt Ion: 98 Resp: 100432
Ion Ratio Lower Upper
98 100
100 63.4 53.8 80.8

Manual Integrations
APPROVED

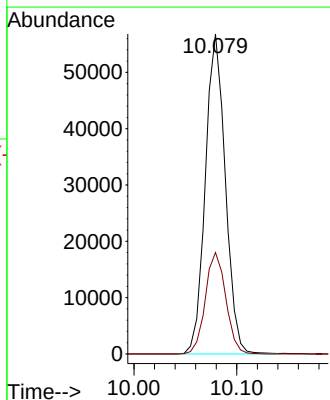
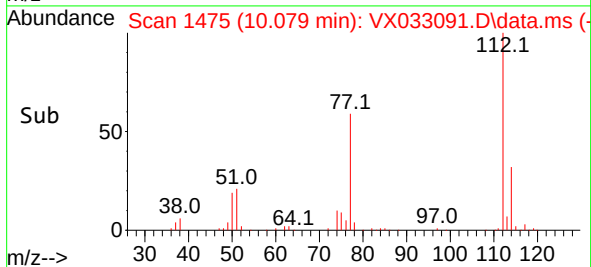
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

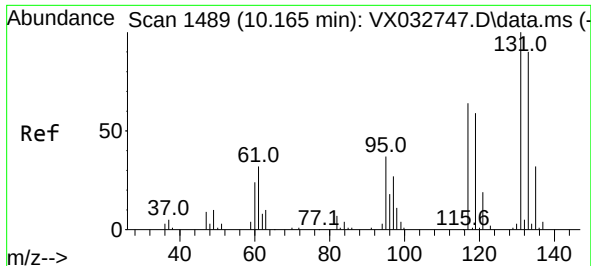


#64
Chlorobenzene
Concen: 19.164 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



Tgt Ion:112 Resp: 76732
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5





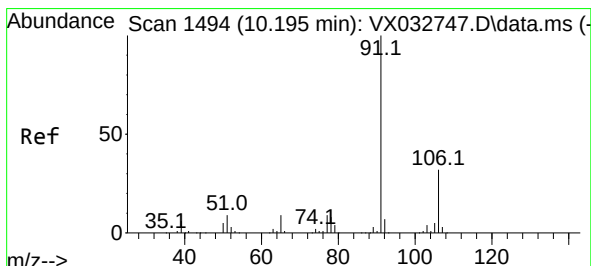
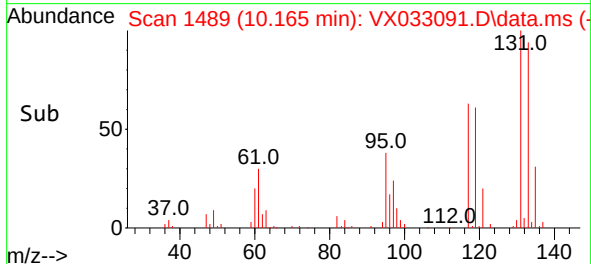
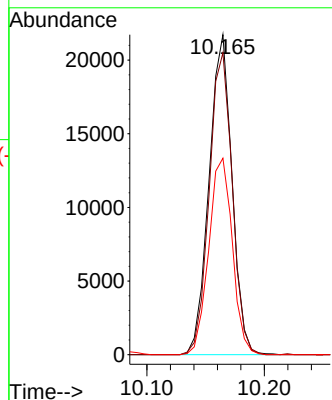
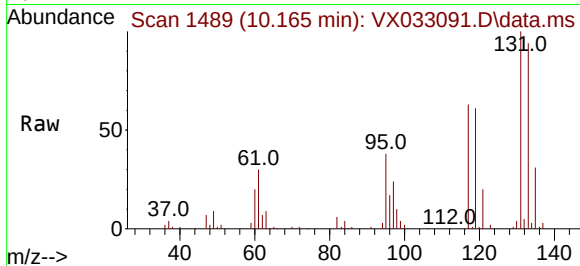
#65
1,1,1,2-Tetrachloroethane
Concen: 19.272 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 29390
Ion Ratio Lower Upper
131 100
133 94.8 0.0 189.4
119 63.3 0.0 127.0

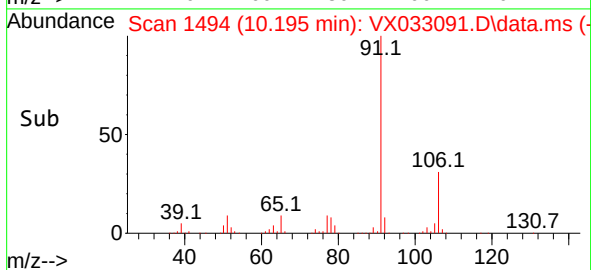
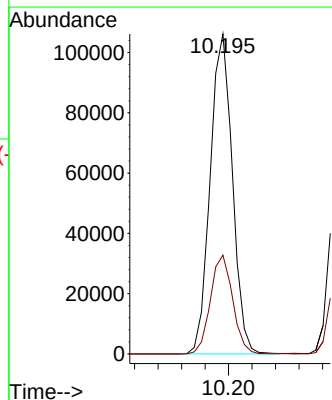
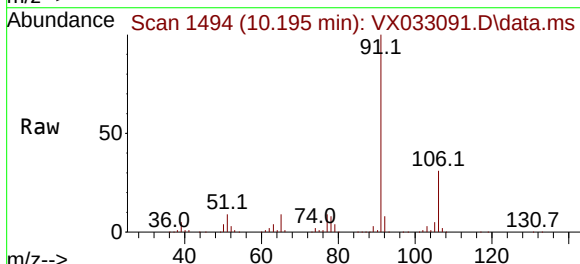
Manual Integrations
APPROVED

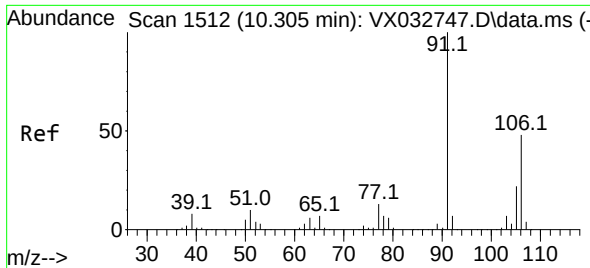
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#66
Ethyl Benzene
Concen: 19.165 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 91 Resp: 139244
Ion Ratio Lower Upper
91 100
106 30.9 26.7 40.1





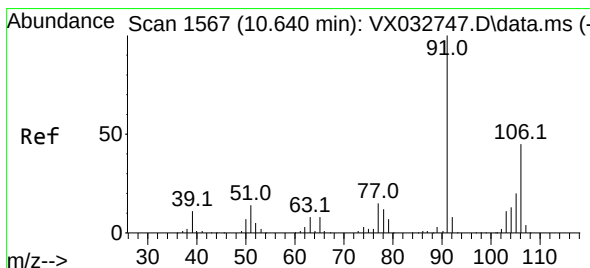
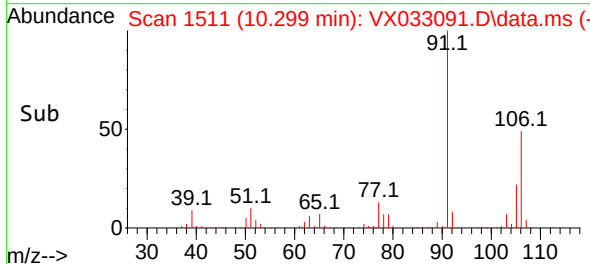
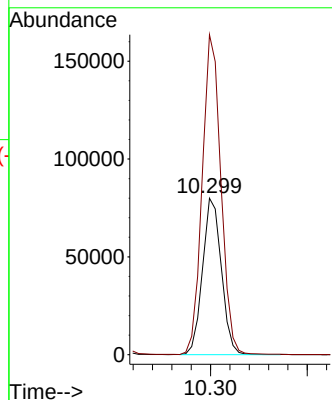
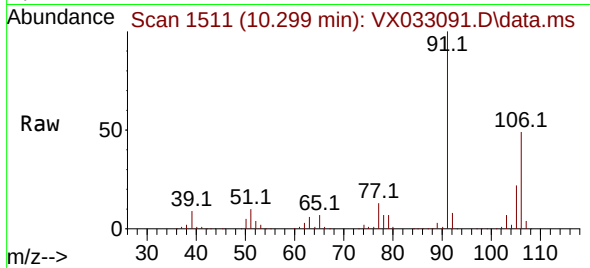
#67
m/p-Xylenes
Concen: 38.375 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 10848
Ion Ratio Lower Upper
106 100
91 203.0 152.3 228.5

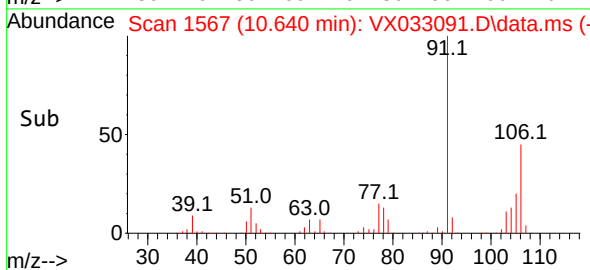
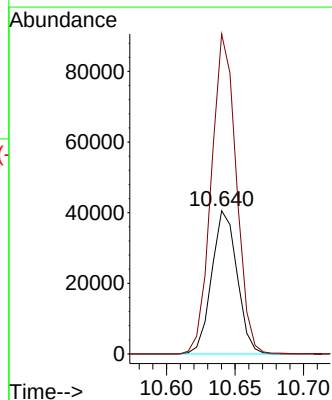
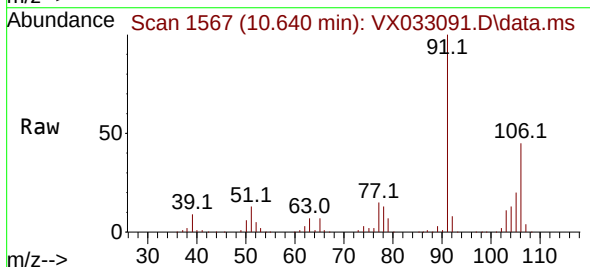
Manual Integrations
APPROVED

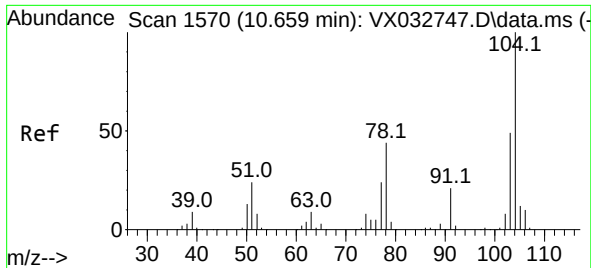
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#68
o-Xylene
Concen: 18.796 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion:106 Resp: 52139
Ion Ratio Lower Upper
106 100
91 220.3 101.9 305.7





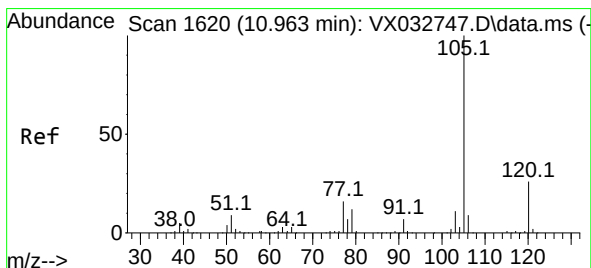
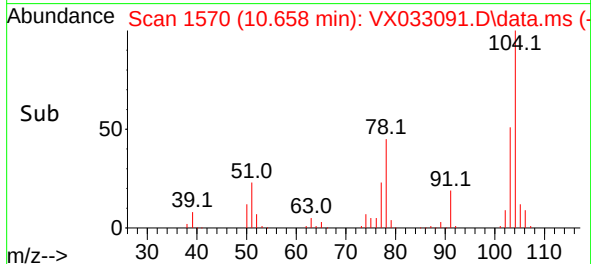
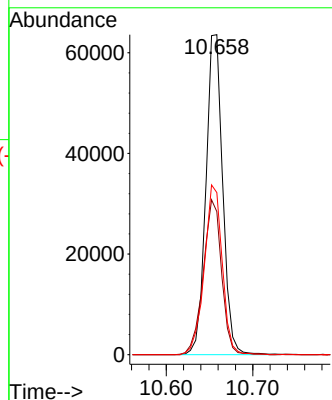
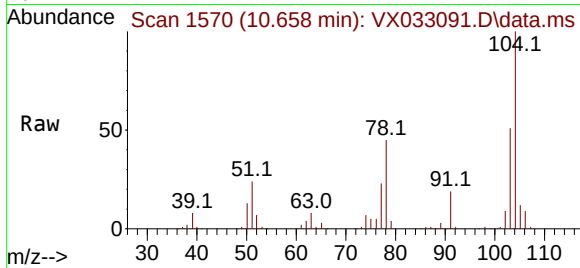
#69
Styrene
Concen: 18.606 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 8580
Ion Ratio Lower Upper
104 100
78 52.9 36.6 55.0
103 56.4 43.3 64.9

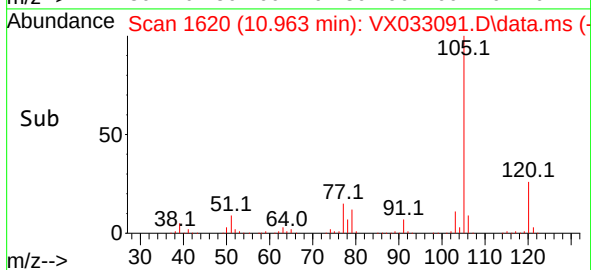
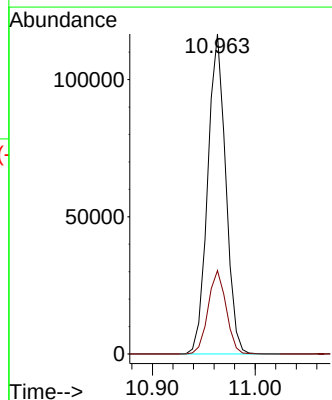
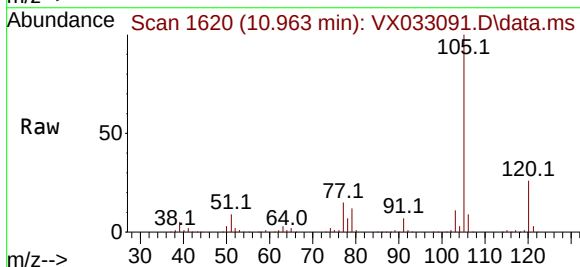
Manual Integrations
APPROVED

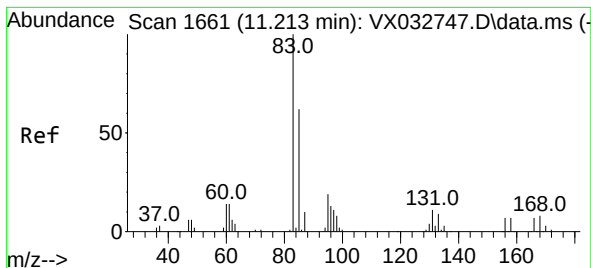
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#70
Isopropylbenzene
Concen: 19.163 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

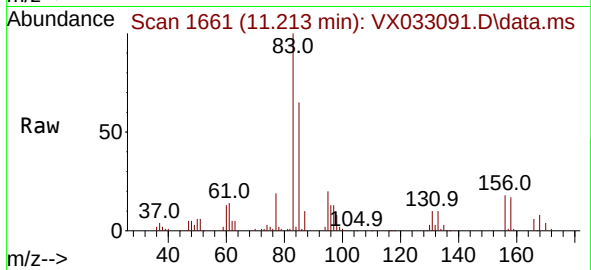
Tgt Ion:105 Resp: 141950
Ion Ratio Lower Upper
105 100
120 26.1 19.3 35.9





#71
1,1,2,2-Tetrachloroethane
Concen: 18.937 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

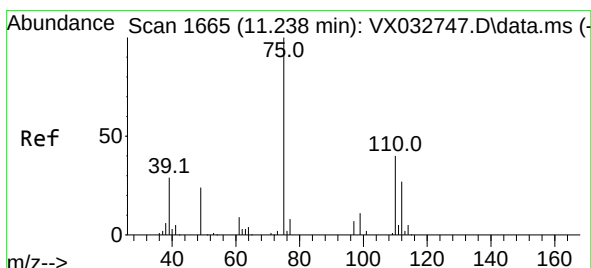
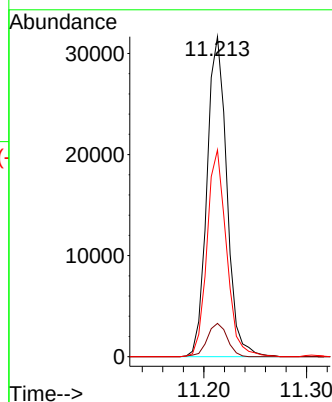
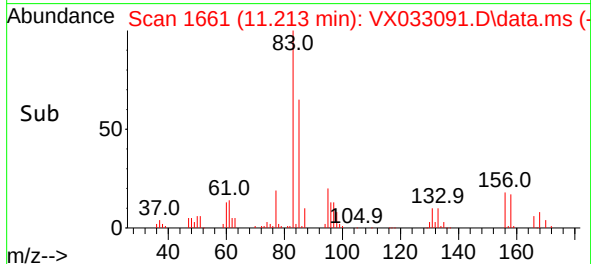
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



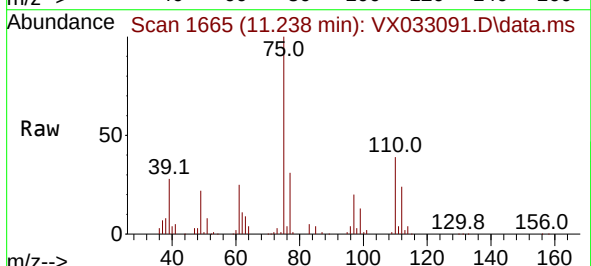
Tgt Ion: 83 Resp: 42540
Ion Ratio Lower Upper
83 100
131 10.5 6.0 18.1
85 63.5 32.8 98.3

Manual Integrations
APPROVED

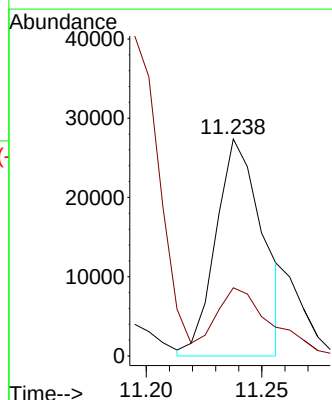
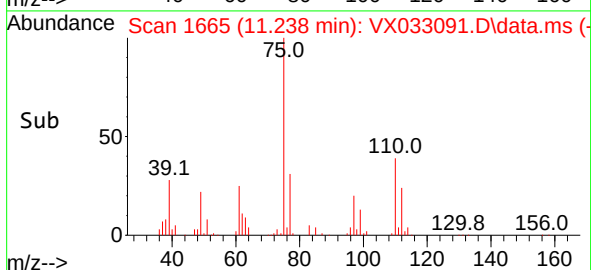
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

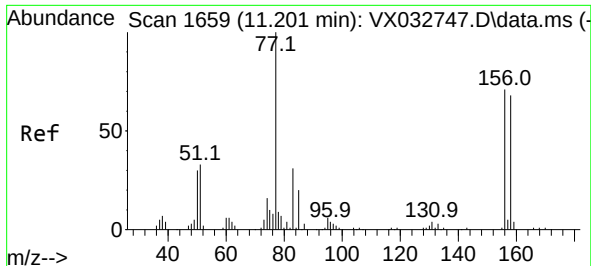


#72
1,2,3-Trichloropropane
Concen: 19.677 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



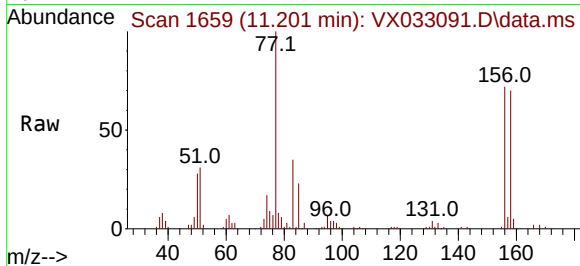
Tgt Ion: 75 Resp: 38390
Ion Ratio Lower Upper
75 100
77 37.9 0.0 76.6





#73
Bromobenzene
Concen: 19.080 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

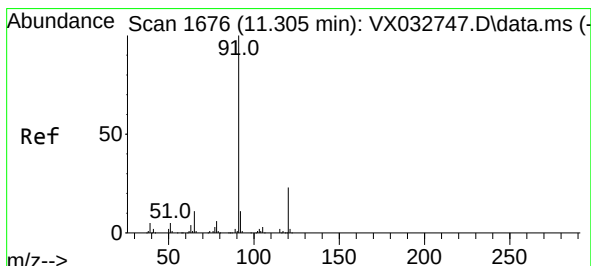
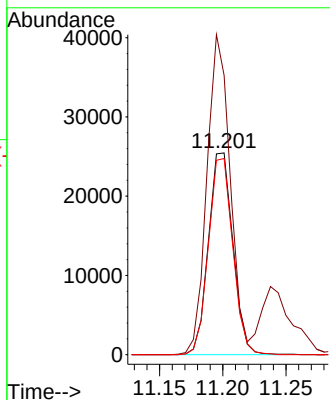
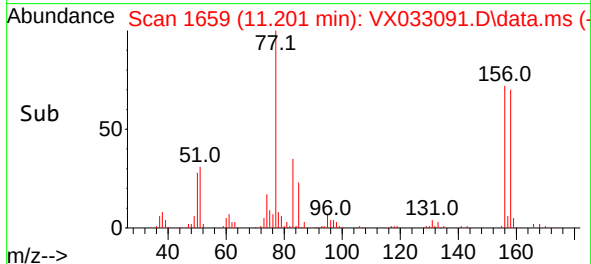
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



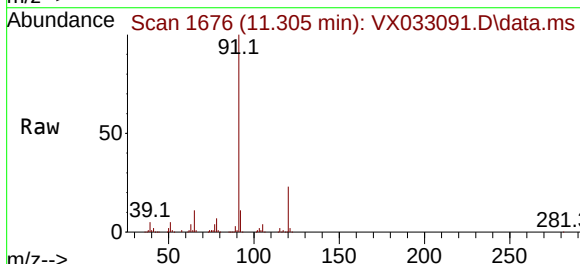
Tgt Ion:156 Resp: 34334
Ion Ratio Lower Upper
156 100
77 150.0 0.0 259.2
158 96.6 0.0 193.2

Manual Integrations
APPROVED

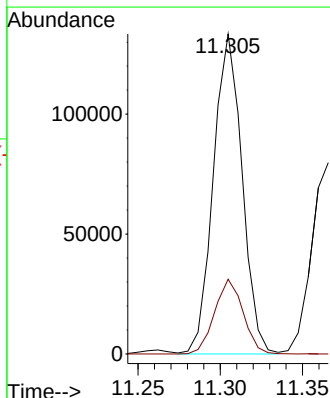
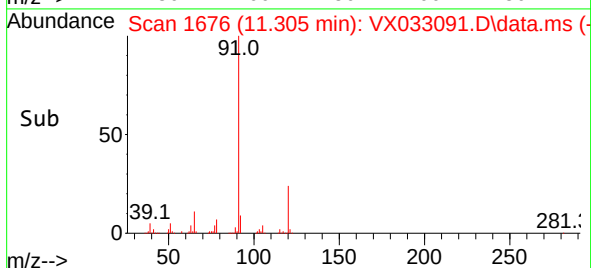
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

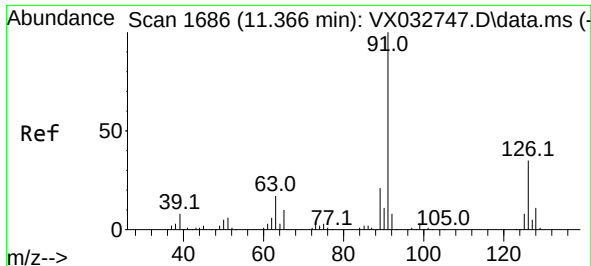


#74
n-propylbenzene
Concen: 19.265 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



Tgt Ion: 91 Resp: 162140
Ion Ratio Lower Upper
91 100
120 23.1 0.0 51.0





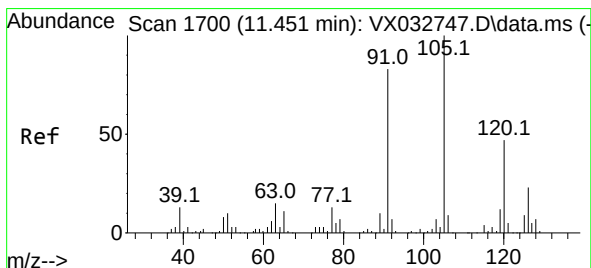
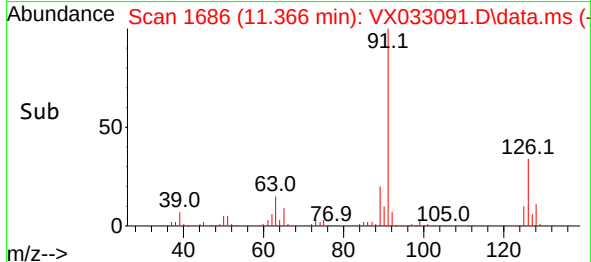
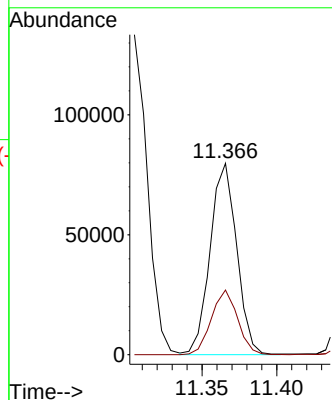
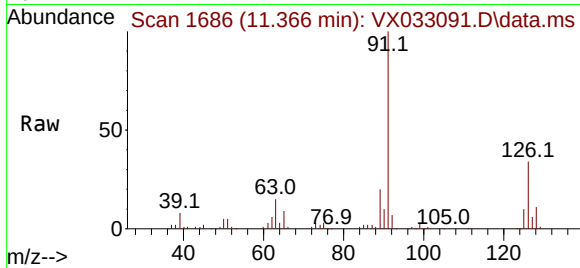
#75
2-Chlorotoluene
Concen: 19.384 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 98779
Ion Ratio Lower Upper
91 100
126 33.3 0.0 76.4

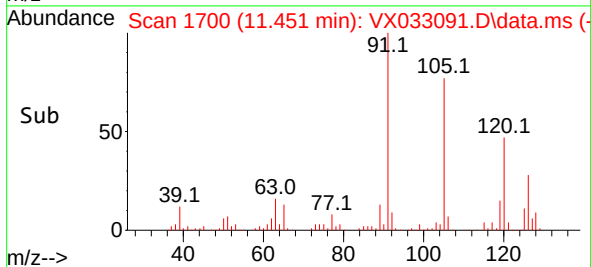
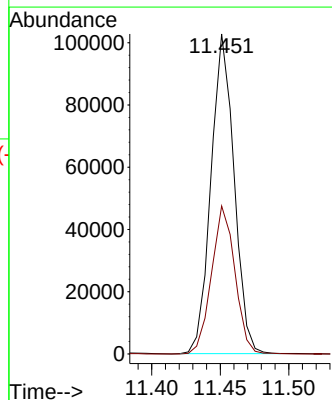
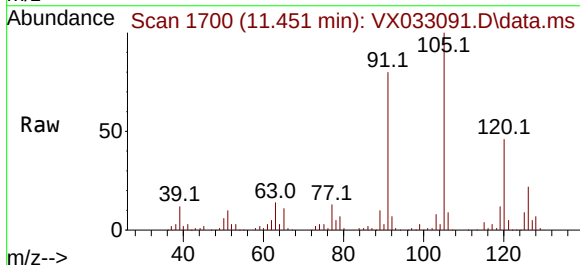
Manual Integrations
APPROVED

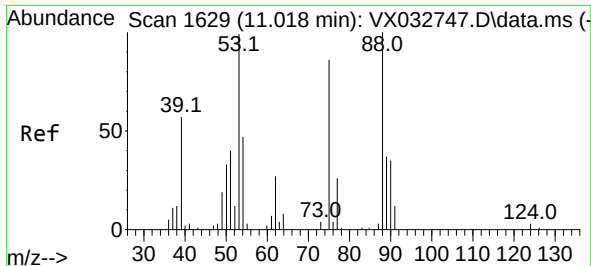
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.218 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

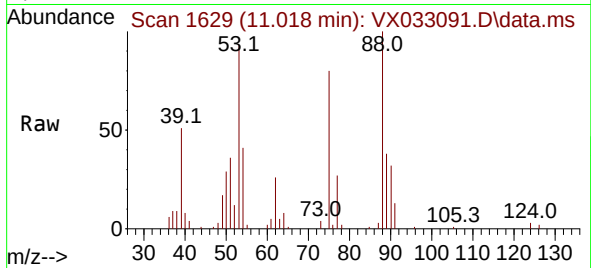
Tgt Ion:105 Resp: 120343
Ion Ratio Lower Upper
105 100
120 46.9 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.439 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

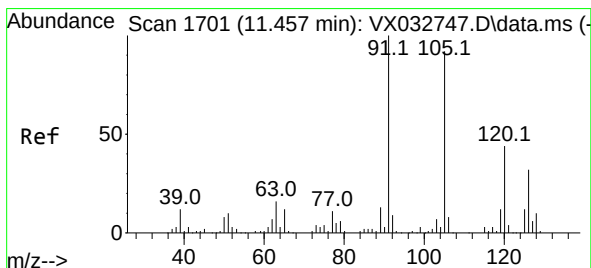
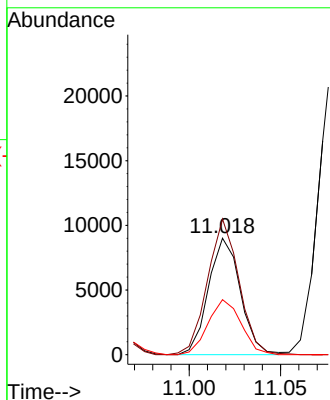
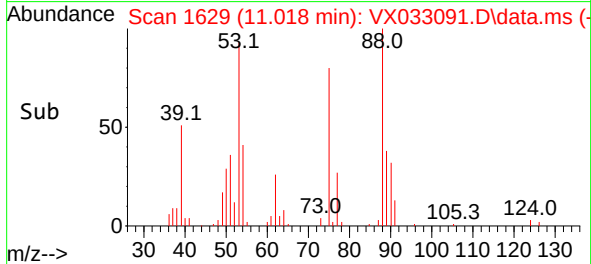
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 10978
Ion Ratio Lower Upper
75 100
53 115.4 51.8 155.4
89 47.3 22.9 68.8

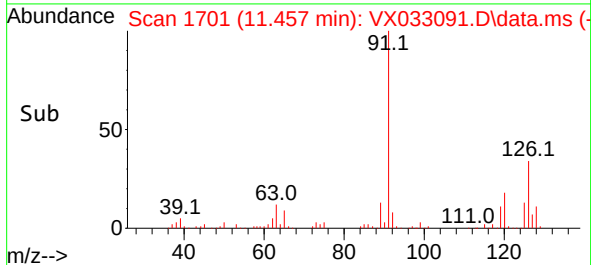
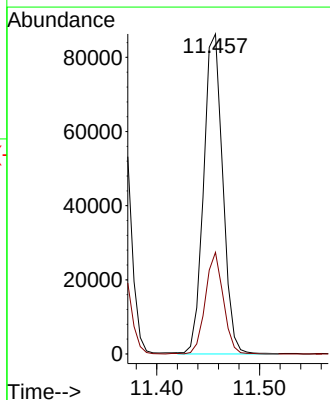
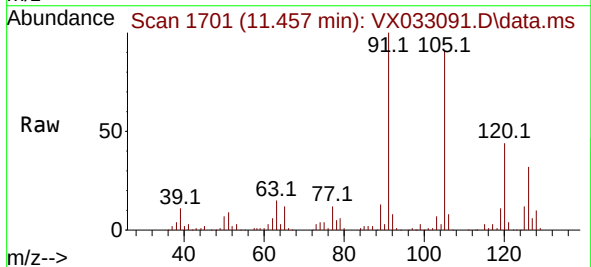
Manual Integrations
APPROVED

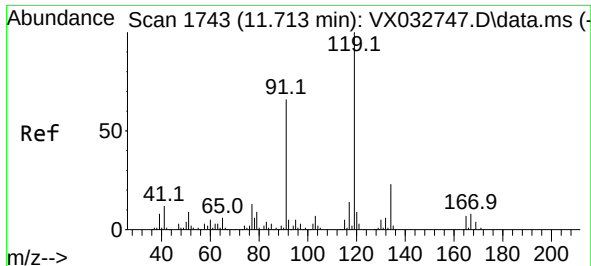
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#78
4-Chlorotoluene
Concen: 19.062 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

Tgt Ion: 91 Resp: 111890
Ion Ratio Lower Upper
91 100
126 29.6 0.0 67.0





#79

tert-butylbenzene

Concen: 19.386 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 11797

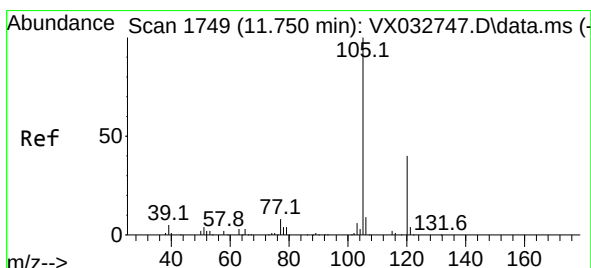
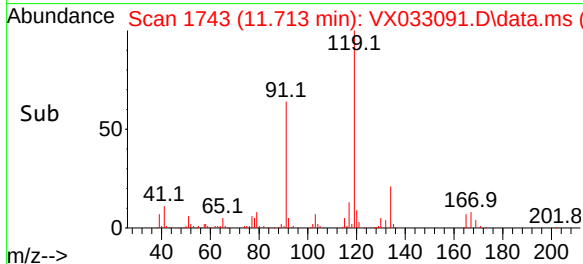
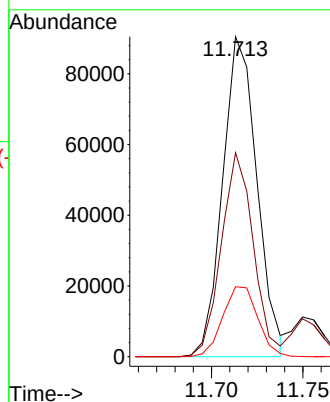
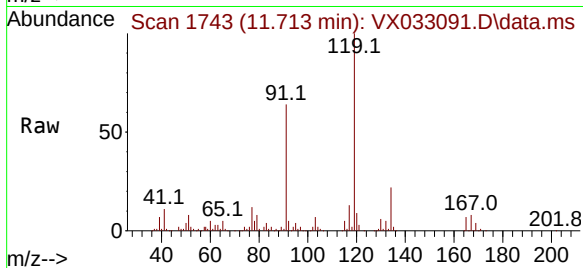
Ion	Ratio	Lower	Upper
119	100		
91	59.7	0.0	112.0
134	22.4	0.0	51.0

Manual Integrations

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Reviewed By :John Carlone 11/29/2022

Supervised By :Mahesh Dadoda 11/29/2022



#80

1,2,4-Trimethylbenzene

Concen: 19.338 ug/l

RT: 11.750 min Scan# 1749

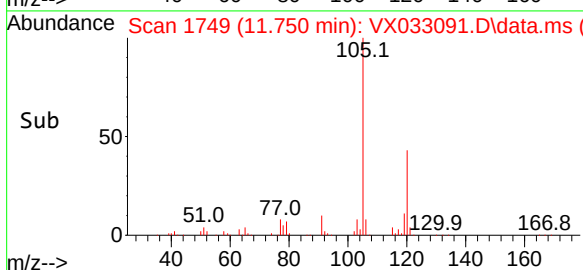
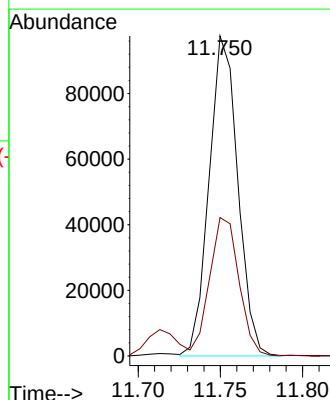
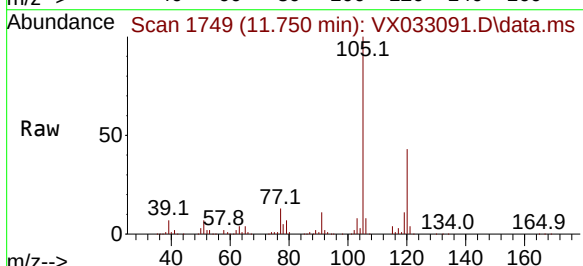
Delta R.T. -0.000 min

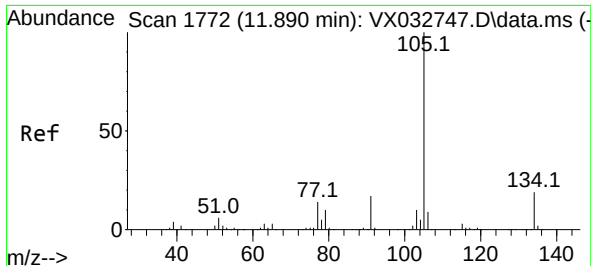
Lab File: VX033091.D

Acq: 28 Nov 2022 15:10

Tgt Ion:105 Resp: 118404

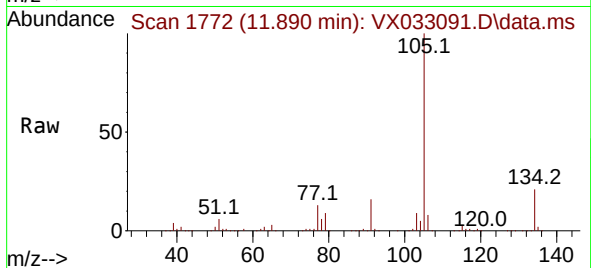
Ion	Ratio	Lower	Upper
105	100		
120	44.1	0.0	95.0





#81
 sec-Butylbenzene
 Concen: 19.568 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10

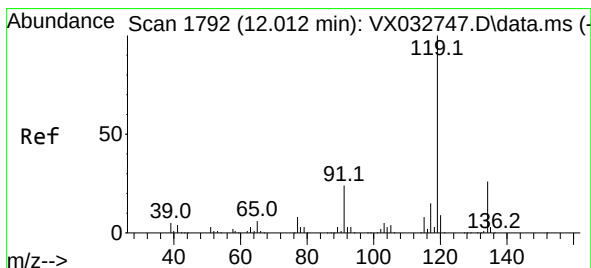
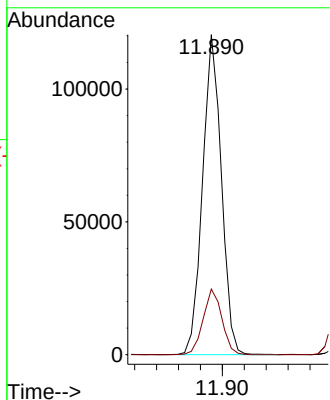
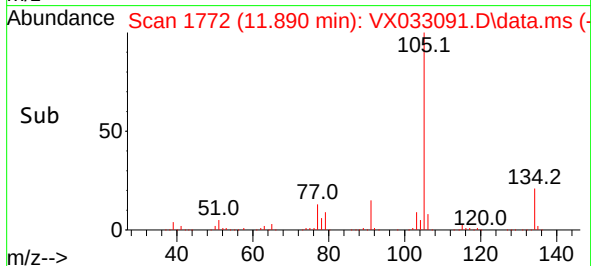
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



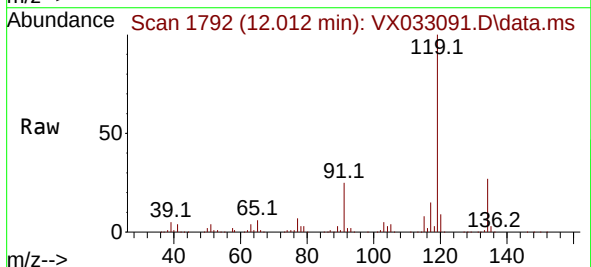
Tgt Ion:105 Resp: 143362
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 44.4

Manual Integrations
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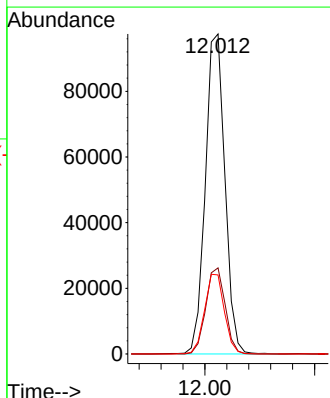
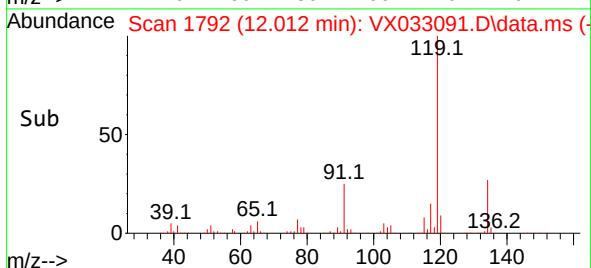
Reviewed By :John Carlone 11/29/2022
 Supervised By :Mahesh Dadoda 11/29/2022

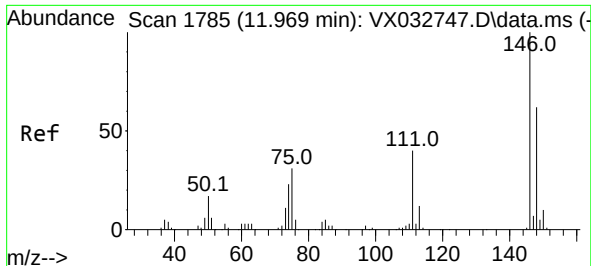


#82
 p-Isopropyltoluene
 Concen: 19.536 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033091.D
 Acq: 28 Nov 2022 15:10



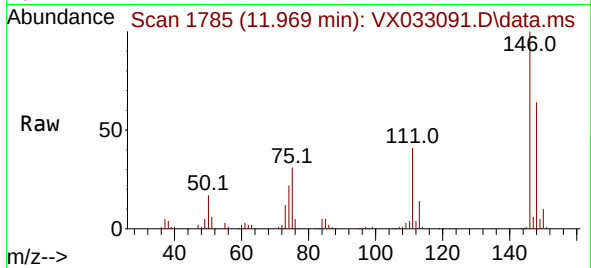
Tgt Ion:119 Resp: 120625
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 55.4
 91 25.2 0.0 45.6





#83
1,3-Dichlorobenzene
Concen: 19.278 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

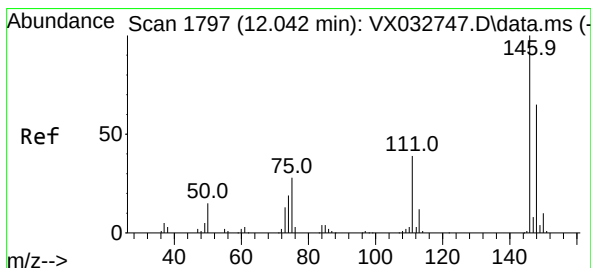
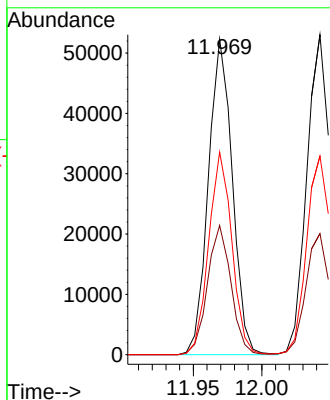
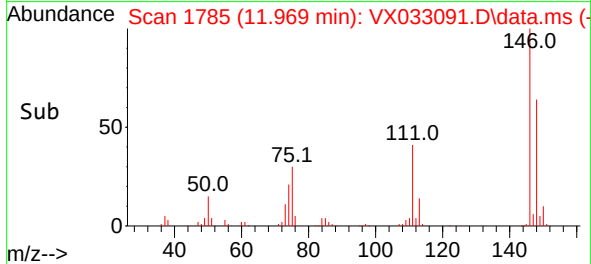
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



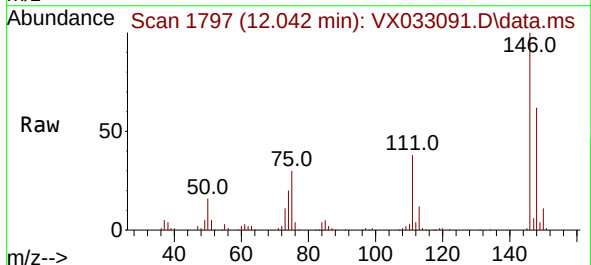
Tgt Ion:146 Resp: 6364
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.1
148 62.2 32.6 97.7

Manual Integrations
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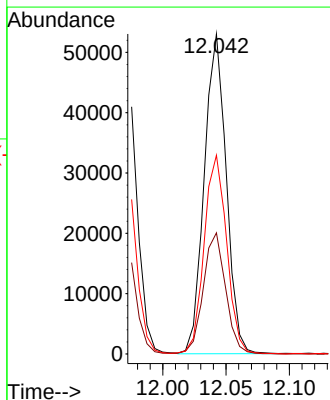
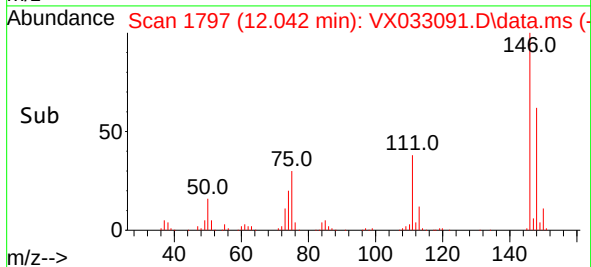
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

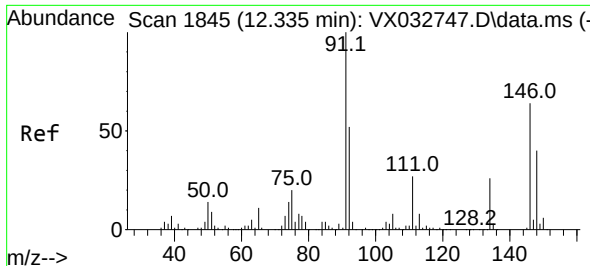


#84
1,4-Dichlorobenzene
Concen: 19.357 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



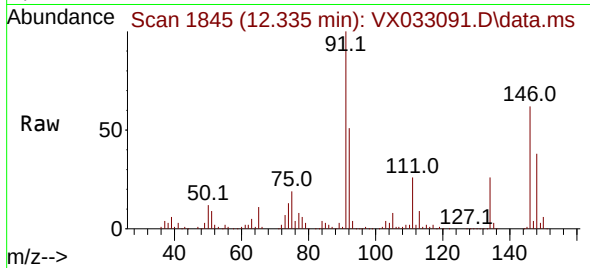
Tgt Ion:146 Resp: 64175
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.5
148 63.8 31.6 95.0





#85
n-Butylbenzene
Concen: 19.369 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

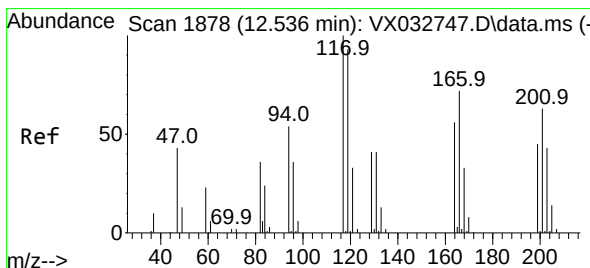
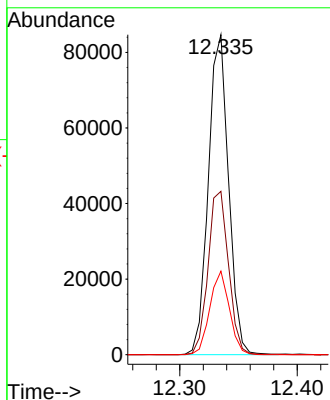
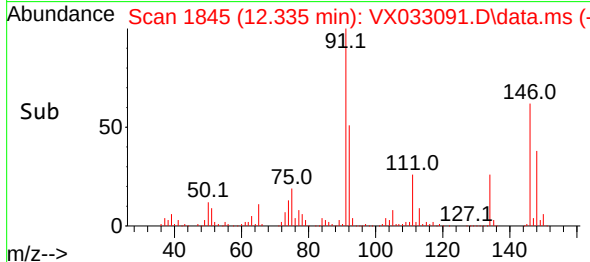
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 10136
Ion Ratio Lower Upper
91 100
92 51.6 0.0 108.4
134 25.3 0.0 60.6

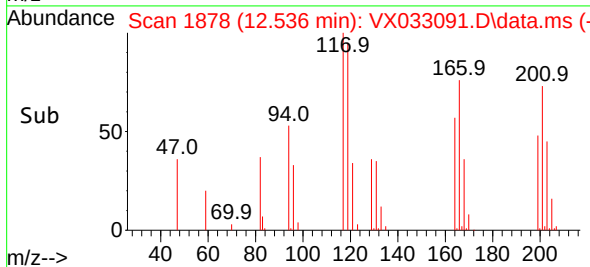
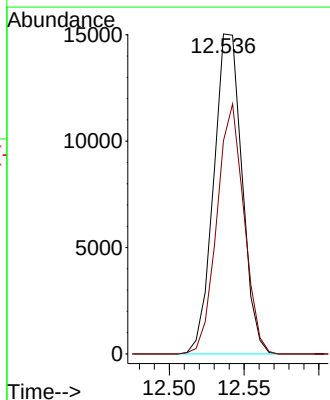
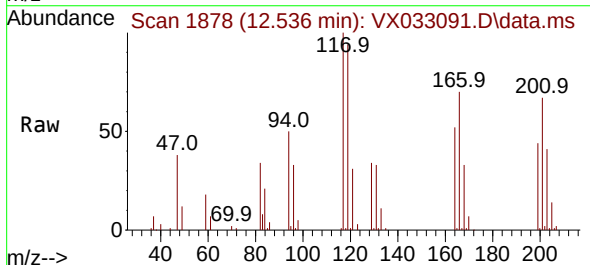
Manual Integrations
APPROVED

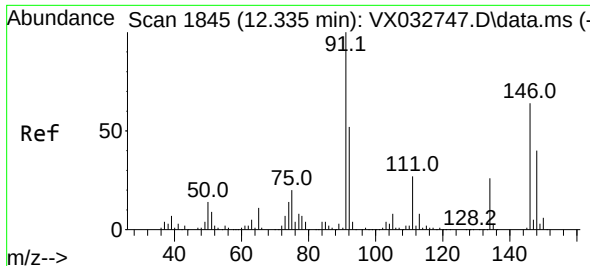
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#86
Hexachloroethane
Concen: 19.604 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

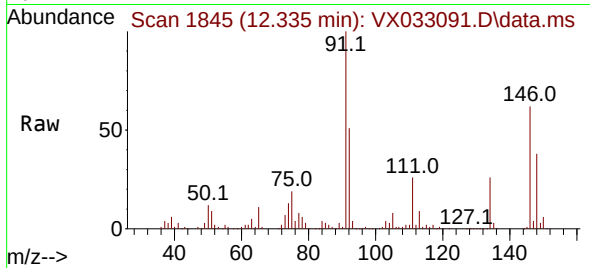
Tgt Ion:117 Resp: 19871
Ion Ratio Lower Upper
117 100
201 74.5 37.7 113.1





#87
1,2-Dichlorobenzene
Concen: 19.255 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

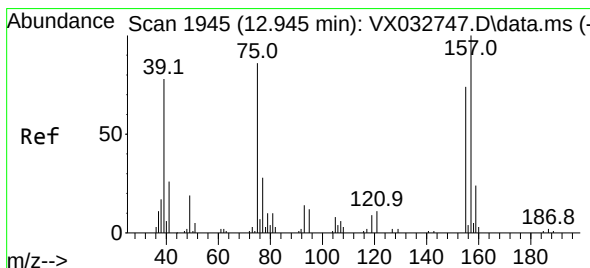
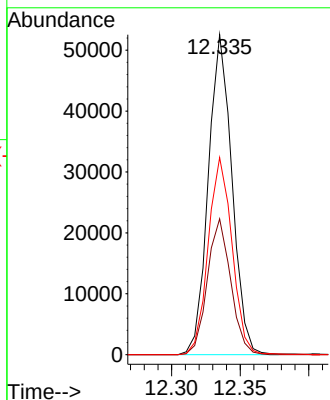
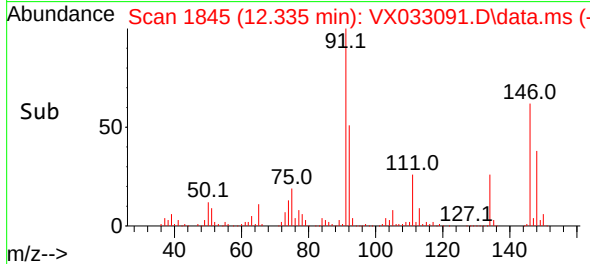
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 6319
Ion Ratio Lower Upper
146 100
111 41.8 20.0 60.0
148 62.0 33.0 99.0

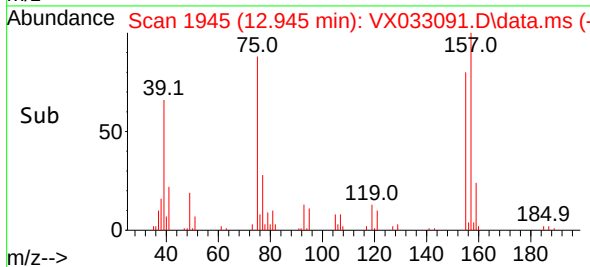
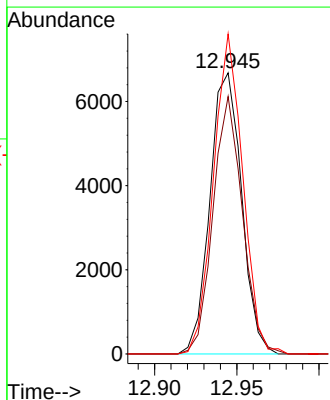
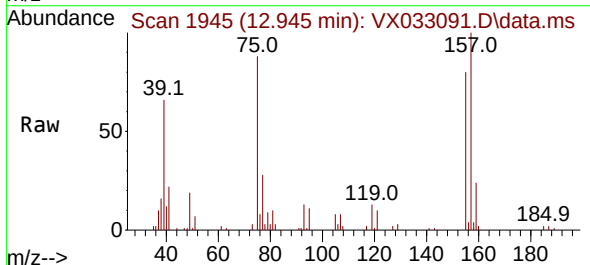
Manual Integrations
APPROVED

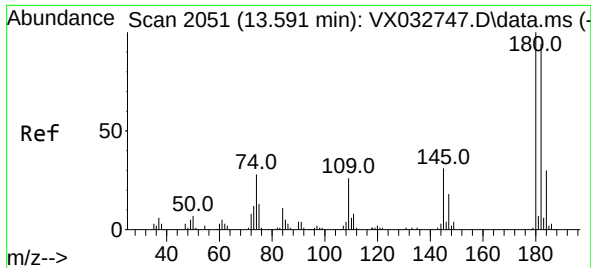
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.775 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

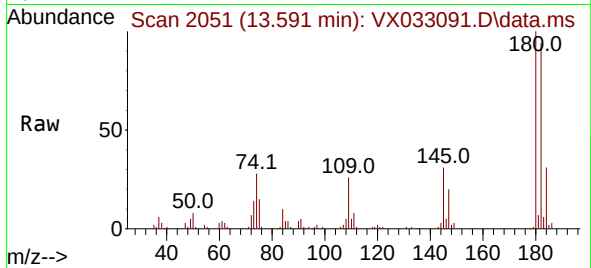
Tgt Ion: 75 Resp: 8948
Ion Ratio Lower Upper
75 100
155 85.2 85.0 127.6
157 105.3 101.0 151.6





#89
1,2,4-Trichlorobenzene
Concen: 19.107 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

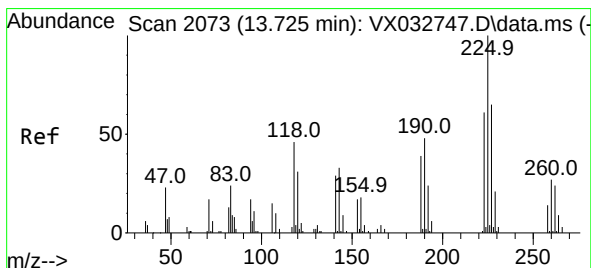
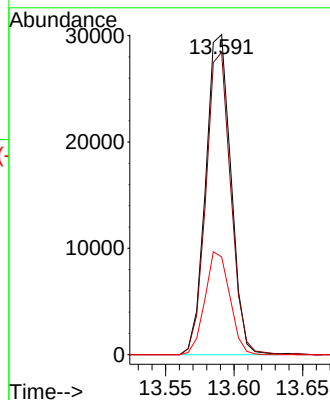
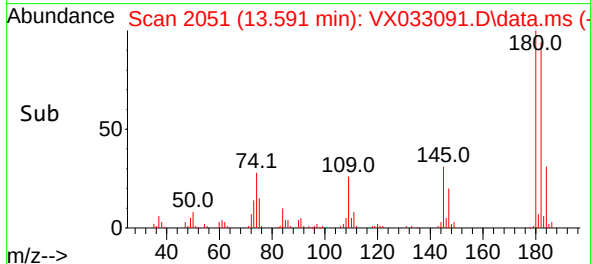
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



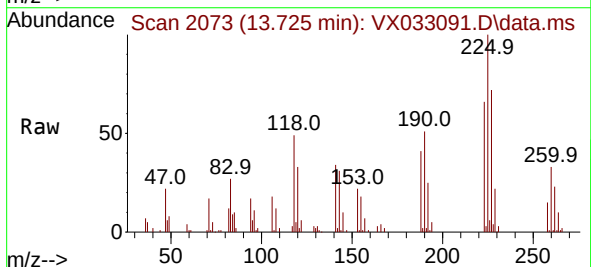
Tgt Ion:180 Resp: 3851
Ion Ratio Lower Upper
180 100
182 93.2 75.3 112.9
145 31.6 25.9 38.9

Manual Integrations
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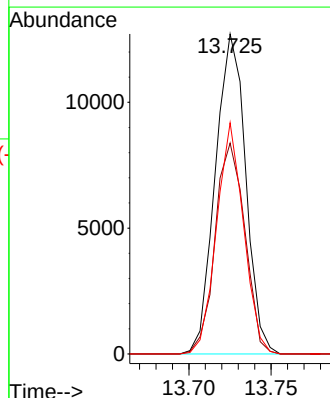
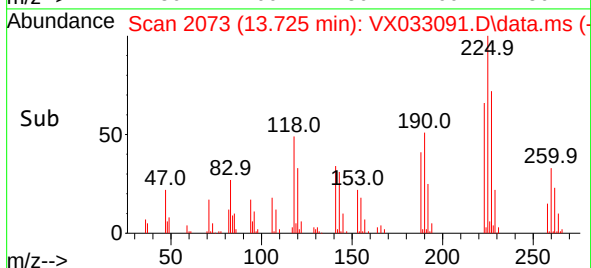
Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022

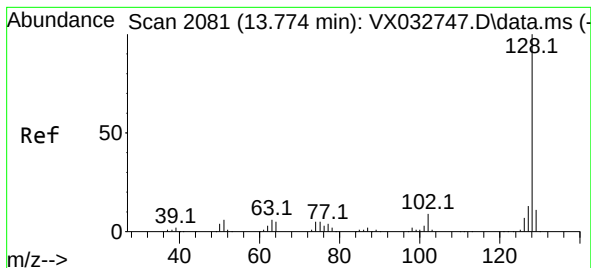


#90
Hexachlorobutadiene
Concen: 20.140 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



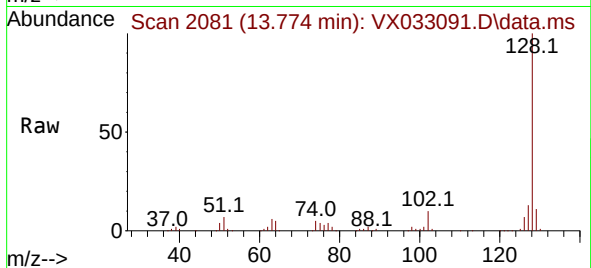
Tgt Ion:225 Resp: 16339
Ion Ratio Lower Upper
225 100
223 64.5 0.0 126.0
227 64.4 0.0 127.6





#91
Naphthalene
Concen: 18.571 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10

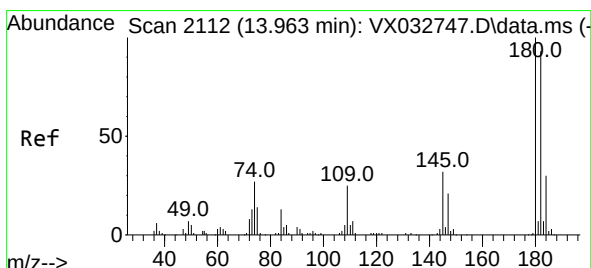
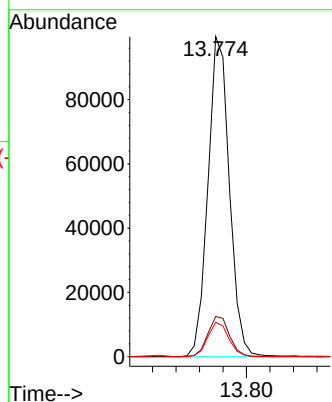
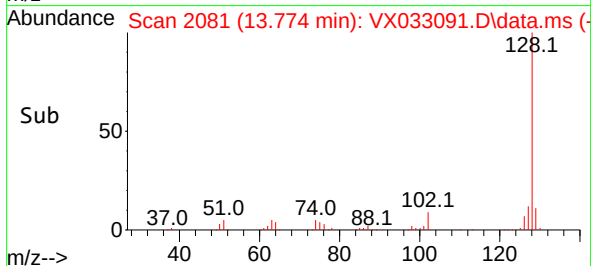
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



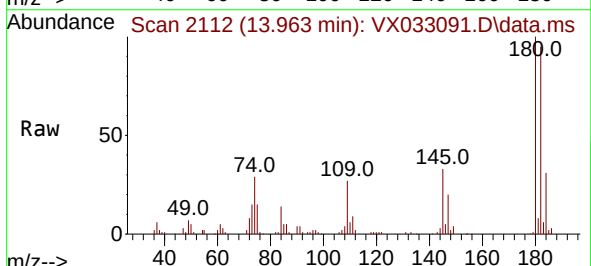
Tgt Ion:128 Resp: 126349
Ion Ratio Lower Upper
128 100
127 12.6 9.9 14.9
129 10.5 8.4 12.6

Manual Integrations
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Reviewed By :John Carlone 11/29/2022
Supervised By :Mahesh Dadoda 11/29/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.932 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033091.D
Acq: 28 Nov 2022 15:10



Tgt Ion:180 Resp: 38381
Ion Ratio Lower Upper
180 100
182 95.9 0.0 199.0
145 33.8 0.0 68.2

