

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027484.D
 Acq On : 17 Mar 2022 12:59
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 17 14:56:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	347361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572703	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84446	20.847	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	41.700%#		
35) Dibromofluoromethane	5.391	113	70455	19.065	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.140%#		
50) Toluene-d8	8.653	98	284306	20.379	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.760%#		
62) 4-Bromofluorobenzene	11.085	95	92863	17.464	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	34.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68900	19.350	ug/l	100
3) Chloromethane	1.294	50	59387	15.861	ug/l	99
4) Vinyl Chloride	1.374	62	69263	17.999	ug/l	97
5) Bromomethane	1.599	94	48421	28.666	ug/l	98
6) Chloroethane	1.685	64	43691	18.169	ug/l	98
7) Trichlorofluoromethane	1.886	101	113370	21.156	ug/l	98
8) Diethyl Ether	2.136	74	42292	20.254	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	66376	18.946	ug/l	95
10) Methyl Iodide	2.453	142	82747	16.733	ug/l	94
11) Tert butyl alcohol	2.965	59	82028	103.295	ug/l	98
12) 1,1-Dichloroethene	2.319	96	63262	18.783	ug/l	98
13) Acrolein	2.239	56	60346	108.411	ug/l	98
14) Allyl chloride	2.666	41	97000	18.361	ug/l	92
15) Acrylonitrile	3.068	53	185670	88.842	ug/l	98
16) Acetone	2.380	43	171141	96.183	ug/l	93
17) Carbon Disulfide	2.508	76	154536	16.888	ug/l	99
18) Methyl Acetate	2.709	43	81472	18.296	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	214216	19.196	ug/l	99
20) Methylene Chloride	2.788	84	69495	17.561	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	66441	17.748	ug/l	98
22) Diisopropyl ether	3.763	45	195075	18.471	ug/l #	85
23) Vinyl Acetate	3.727	43	862271	97.594	ug/l	96
24) 1,1-Dichloroethane	3.611	63	117607	18.339	ug/l	99
25) 2-Butanone	4.562	43	263972	94.605	ug/l	96
26) 2,2-Dichloropropane	4.477	77	95241	20.714	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	79038	18.197	ug/l	98
28) Bromochloromethane	4.904	49	49115	18.407	ug/l	94
29) Tetrahydrofuran	5.013	42	169351	91.728	ug/l	93
30) Chloroform	5.099	83	129857	19.185	ug/l	99
31) Cyclohexane	5.470	56	103221	18.217	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	117222	20.263	ug/l	99
36) 1,1-Dichloropropene	5.696	75	92351	18.000	ug/l	98
37) Ethyl Acetate	4.721	43	99514	18.400	ug/l	98
38) Carbon Tetrachloride	5.684	117	107122	20.191	ug/l	97
39) Methylcyclohexane	7.385	83	122638	18.929	ug/l	97
40) Benzene	6.044	78	287531	18.400	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53854	18.469	ug/l	94
42) 1,2-Dichloroethane	6.092	62	102024	19.986	ug/l	99
43) Isopropyl Acetate	6.342	43	154606	18.963	ug/l	97
44) Trichloroethene	7.129	130	86784	20.220	ug/l	98
45) 1,2-Dichloropropane	7.434	63	72832	18.600	ug/l	98
46) Dibromomethane	7.586	93	53931	19.359	ug/l	97
47) Bromodichloromethane	7.824	83	100852	19.603	ug/l	99
48) Methyl methacrylate	7.696	41	77956	19.228	ug/l	92
49) 1,4-Dioxane	7.665	88	42216	397.644	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	509491	93.342	ug/l	97
52) Toluene	8.720	92	195675	19.642	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	103910	19.685	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	116324	19.632	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	80964	19.474	ug/l	99
56) Ethyl methacrylate	9.116	69	117251	19.120	ug/l	96
57) 1,3-Dichloropropane	9.311	76	128374	19.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	304997	98.507	ug/l	96
59) 2-Hexanone	9.433	43	394602	93.589	ug/l	96
60) Dibromochloromethane	9.525	129	84506	19.916	ug/l	97
61) 1,2-Dibromoethane	9.610	107	85732	19.968	ug/l	97
64) Tetrachloroethene	9.275	164	84700	22.394	ug/l	98
65) Chlorobenzene	10.079	112	214527	18.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	78611	19.801	ug/l	99
67) Ethyl Benzene	10.195	91	368327	18.809	ug/l	97
68) m/p-Xylenes	10.305	106	290433	37.812	ug/l	100
69) o-Xylene	10.646	106	131971	17.403	ug/l	100
70) Styrene	10.659	104	215747	17.140	ug/l	99
71) Bromoform	10.805	173	58071	17.911	ug/l #	100
73) Isopropylbenzene	10.963	105	346248	19.749	ug/l	99
74) N-amyl acetate	10.848	43	121717	18.995	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	109377	18.155	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	100448m	19.098	ug/l	
77) Bromobenzene	11.201	156	85752	19.383	ug/l	95
78) n-propylbenzene	11.305	91	381207	19.330	ug/l	99
79) 2-Chlorotoluene	11.366	91	231830	18.809	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	294410	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29733	18.283	ug/l #	84
82) 4-Chlorotoluene	11.457	91	268301	19.243	ug/l	99
83) tert-Butylbenzene	11.719	119	288679	19.214	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	294794	19.775	ug/l	98
85) sec-Butylbenzene	11.890	105	350515	19.343	ug/l	100
86) p-Isopropyltoluene	12.012	119	296920	19.354	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	156058	18.776	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	158307	18.812	ug/l	98
89) n-Butylbenzene	12.335	91	242372	18.861	ug/l	97
90) Hexachloroethane	12.542	117	45192	18.899	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	154790	18.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25403	20.125	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	96521	17.943	ug/l	99
94) Hexachlorobutadiene	13.725	225	41952	17.786	ug/l	97
95) Naphthalene	13.780	128	334800	18.539	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	98526	18.328	ug/l	95

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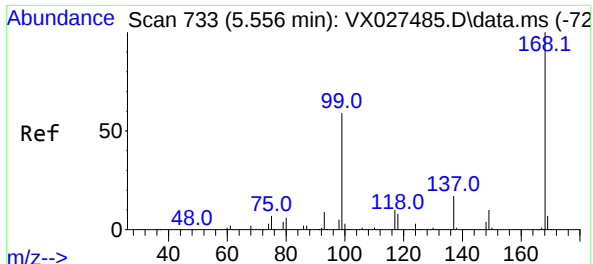
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 17 14:46:53 2022
Response via : Initial Calibration

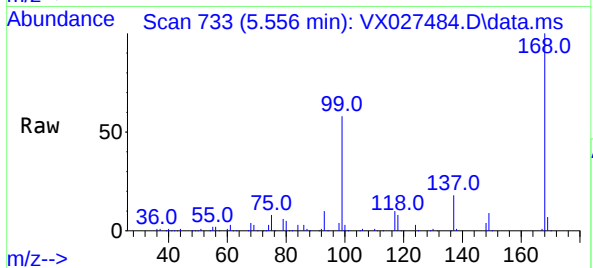
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
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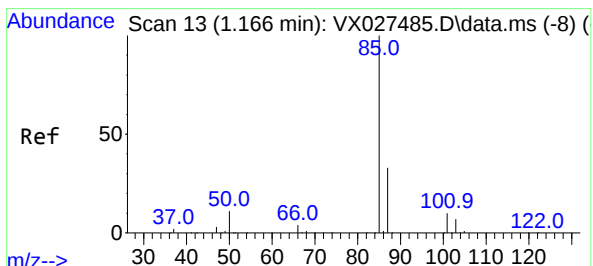
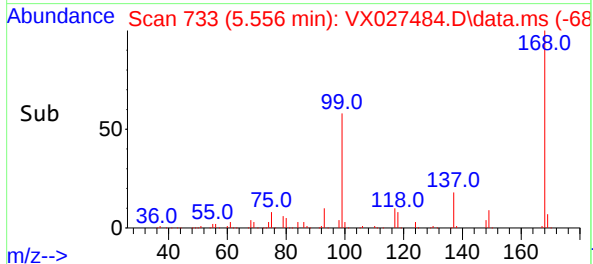
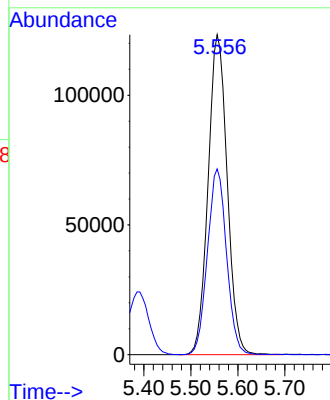
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 34736
Ion Ratio Lower Upper
168 100
99 58.0 41.7 62.5

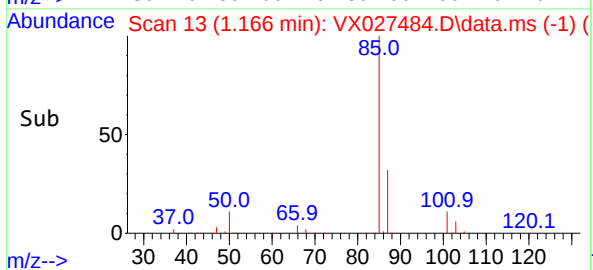
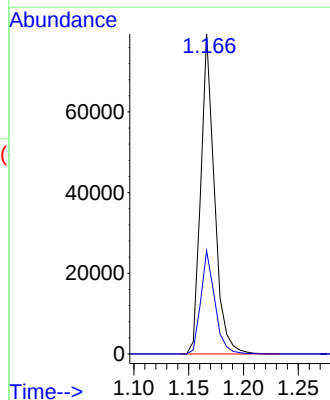
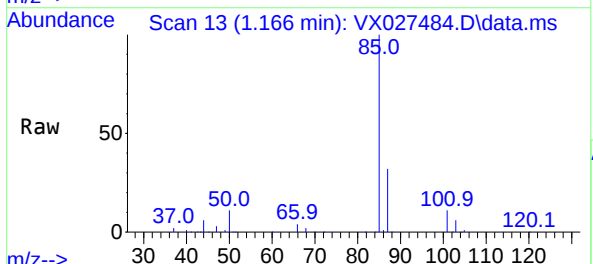
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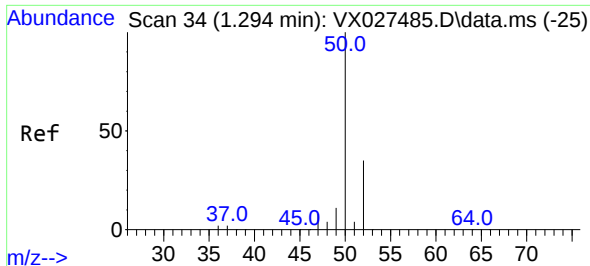
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 19.350 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion: 85 Resp: 68900
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





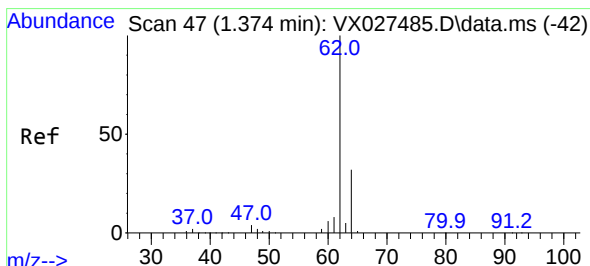
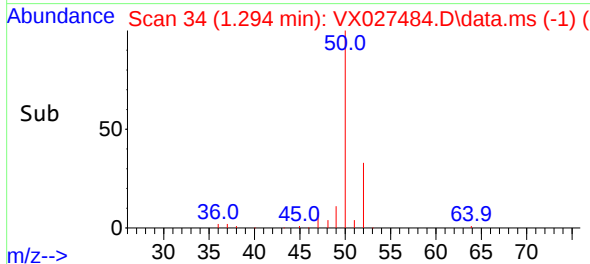
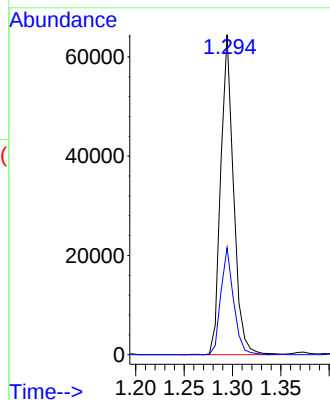
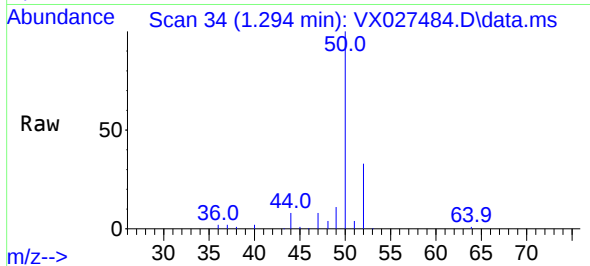
#3
Chloromethane
Concen: 15.861 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

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Tgt Ion: 50 Resp: 5938
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

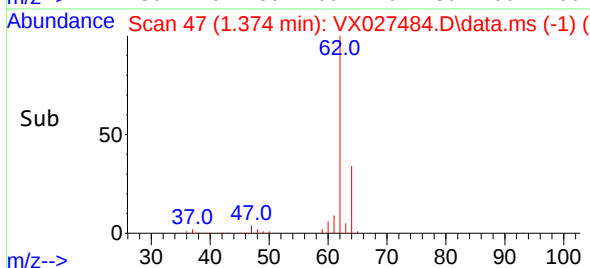
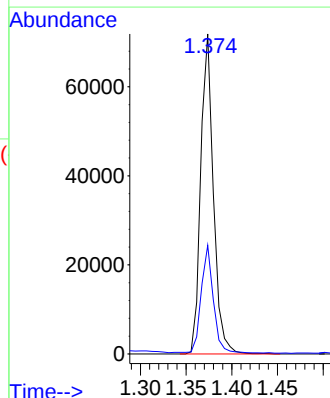
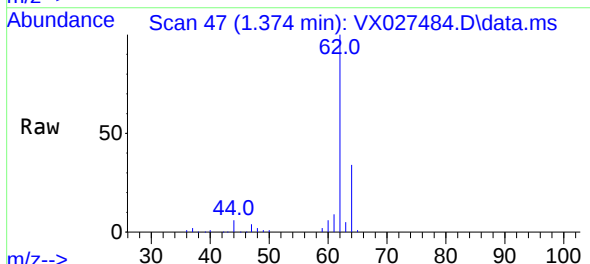
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#4
Vinyl Chloride
Concen: 17.999 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

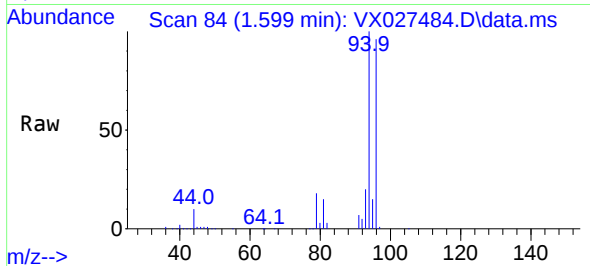
Tgt Ion: 62 Resp: 69263
Ion Ratio Lower Upper
62 100
64 33.7 25.5 38.3





#5
Bromomethane
Concen: 28.666 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

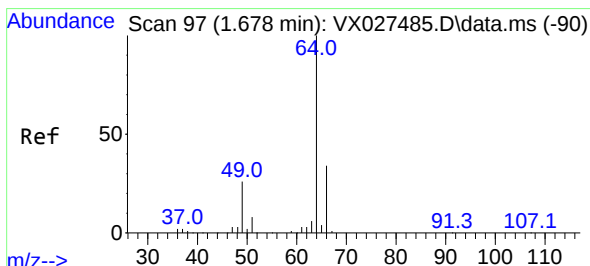
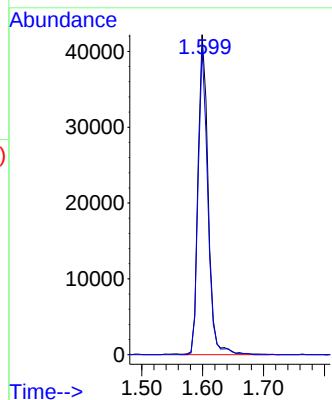
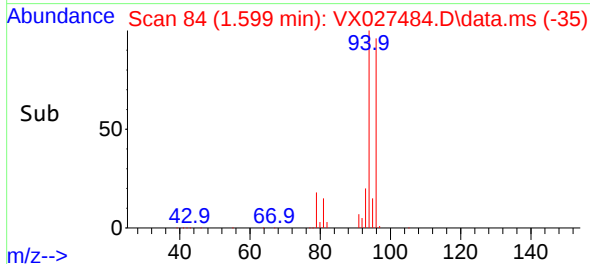
Instrument :
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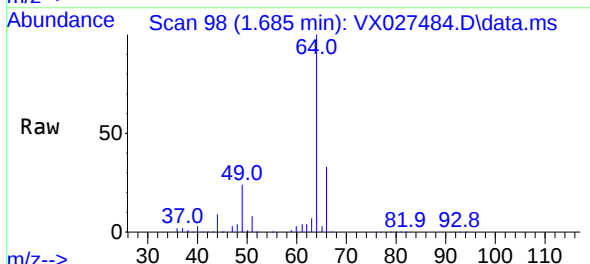
Tgt Ion: 94 Resp: 4842
Ion Ratio Lower Upper
94 100
96 95.9 75.3 112.9

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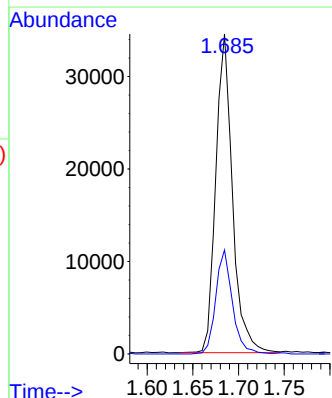
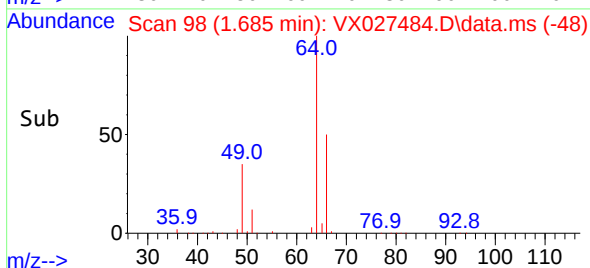
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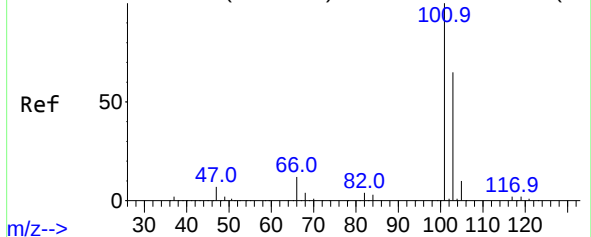
#6
Chloroethane
Concen: 18.169 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 64 Resp: 43691
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9



Abundance Scan 130 (1.880 min): VX027485.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 21.156 ug/l

RT: 1.886 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:101 Resp: 113370

Ion Ratio Lower Upper

101 100

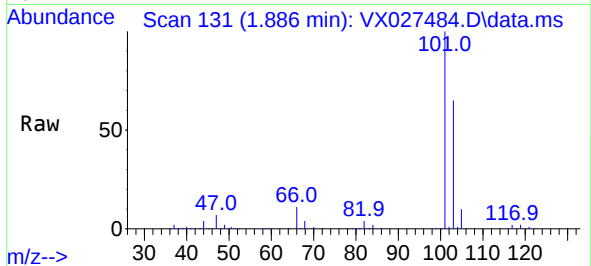
103 64.9 50.5 75.7

Manual Integrations

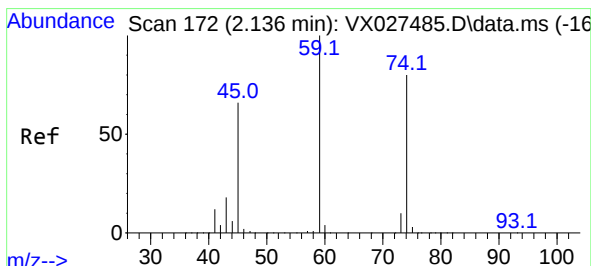
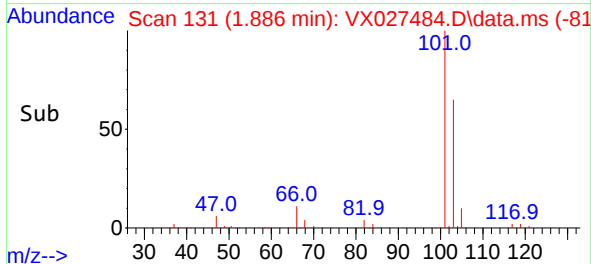
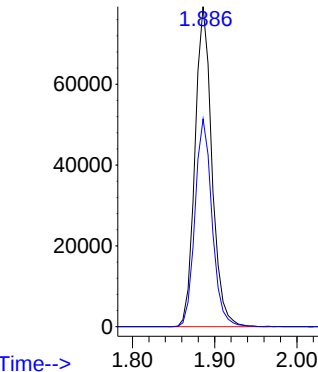
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Supervised By :Mahesh Dadoda 03/18/2022



Abundance



#8

Diethyl Ether

Concen: 20.254 ug/l

RT: 2.136 min Scan# 172

Delta R.T. 0.000 min

Lab File: VX027484.D

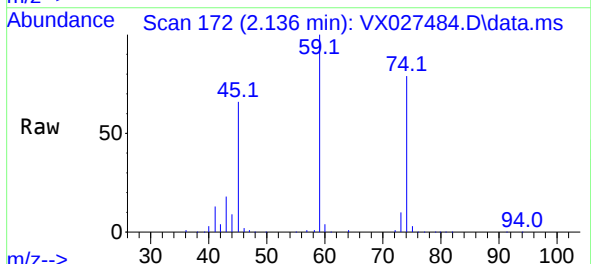
Acq: 17 Mar 2022 12:59

Tgt Ion: 74 Resp: 42292

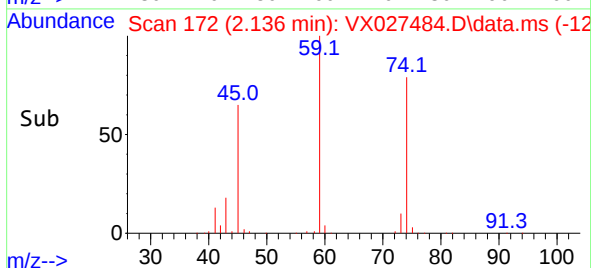
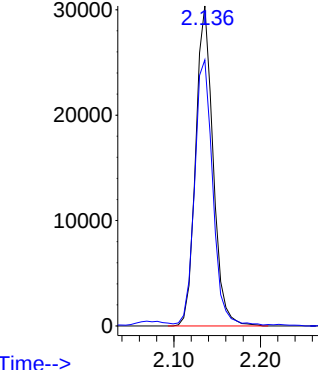
Ion Ratio Lower Upper

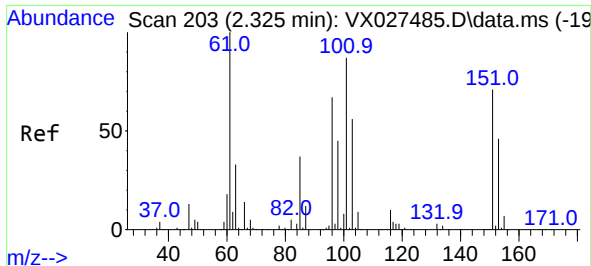
74 100

45 86.0 42.0 126.0



Abundance





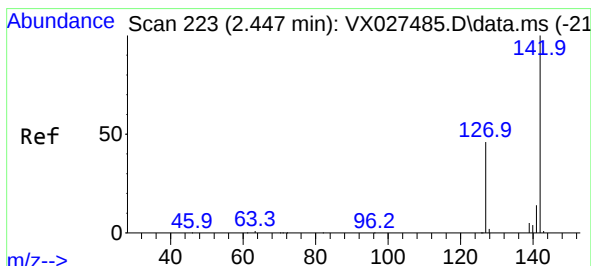
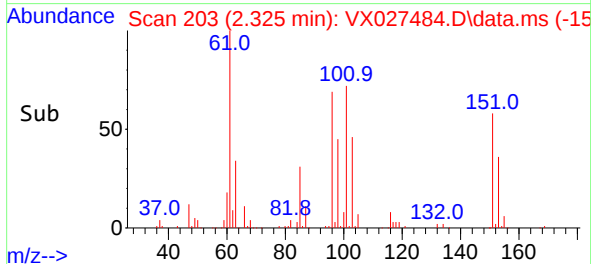
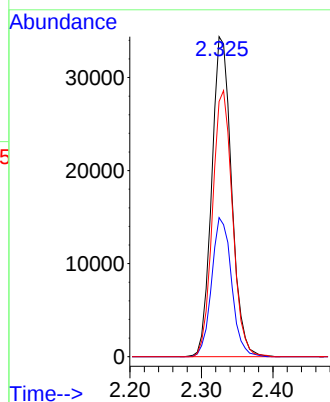
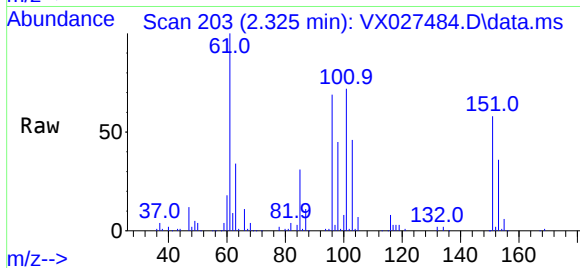
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.946 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC020

Tgt Ion:101 Resp: 66370
Ion Ratio Lower Upper
101 100
85 43.5 33.5 50.3
151 83.3 61.8 92.6

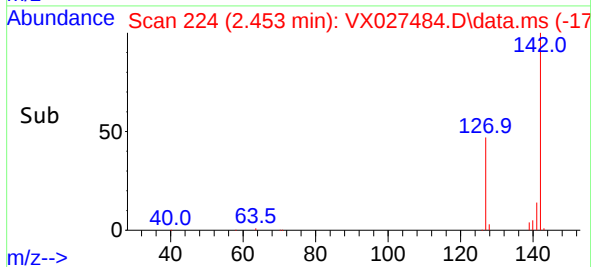
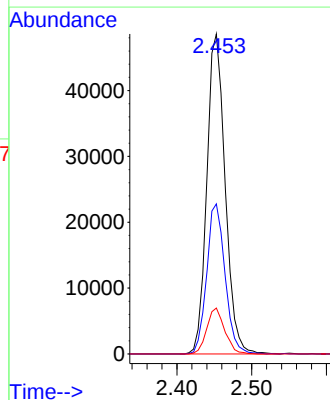
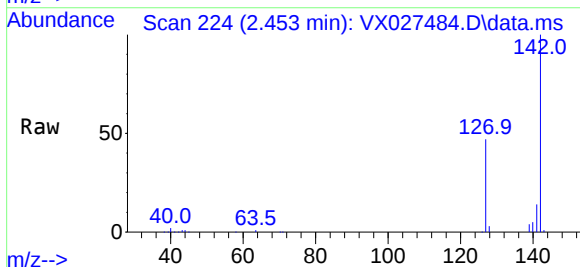
Manual Integrations
APPROVED

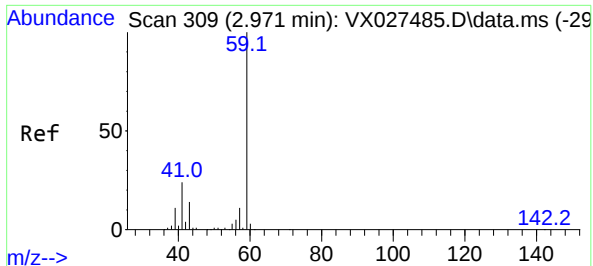
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Methyl Iodide
Concen: 16.733 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion:142 Resp: 82747
Ion Ratio Lower Upper
142 100
127 46.9 33.9 50.9
141 14.0 11.4 17.2





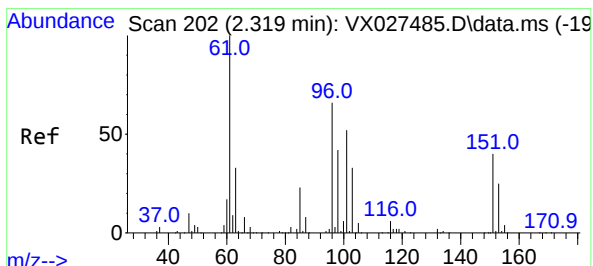
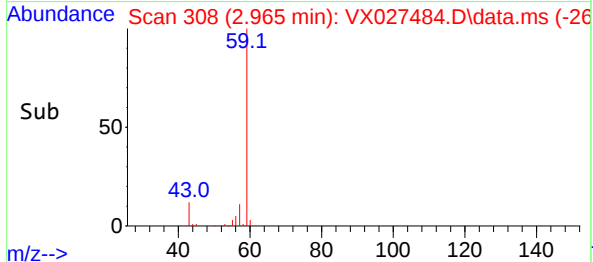
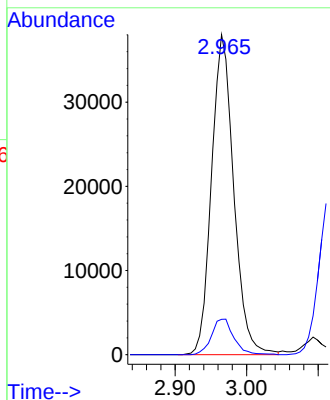
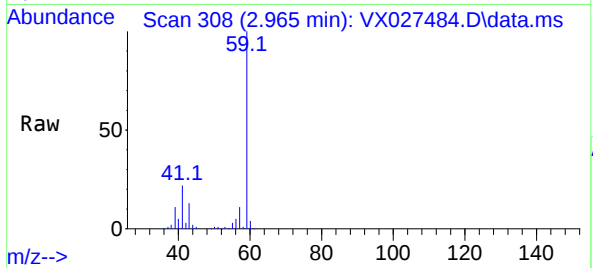
#11
Tert butyl alcohol
Concen: 103.295 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 82028
Ion Ratio Lower Upper
59 100
57 11.2 8.3 12.5

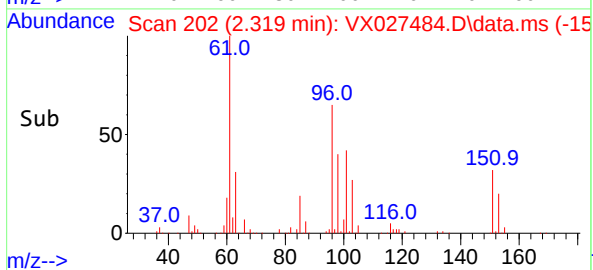
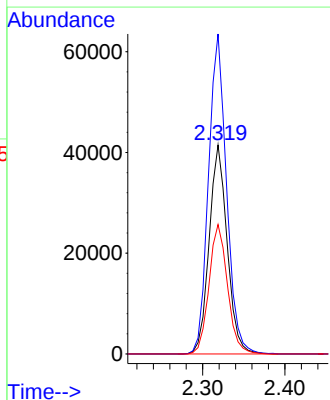
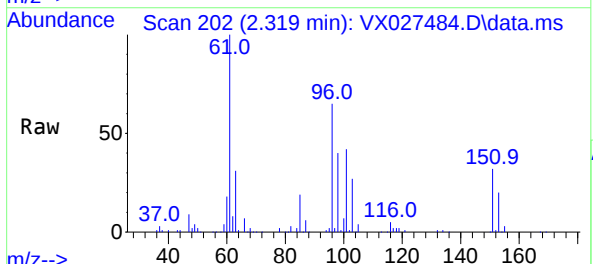
Manual Integrations
APPROVED

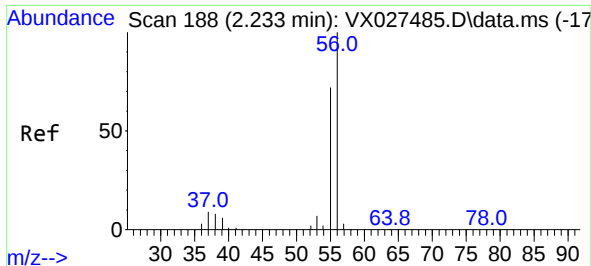
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1-Dichloroethene
Concen: 18.783 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

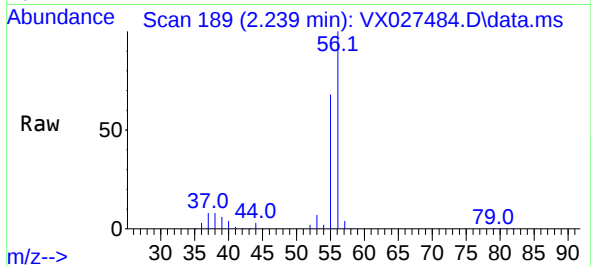
Tgt Ion: 96 Resp: 63262
Ion Ratio Lower Upper
96 100
61 153.1 124.6 187.0
98 62.0 51.0 76.4





#13
Acrolein
Concen: 108.411 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

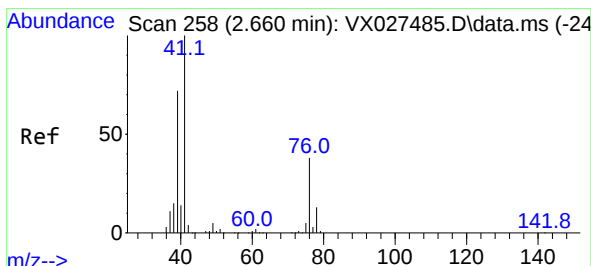
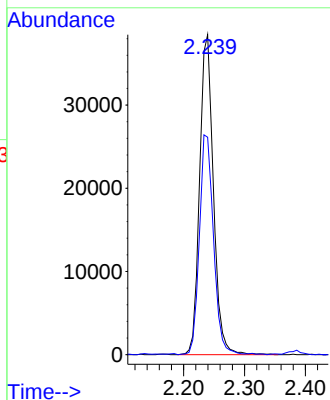
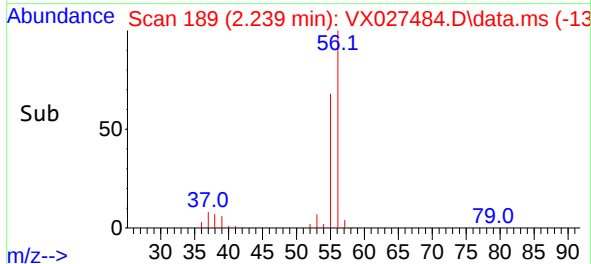
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



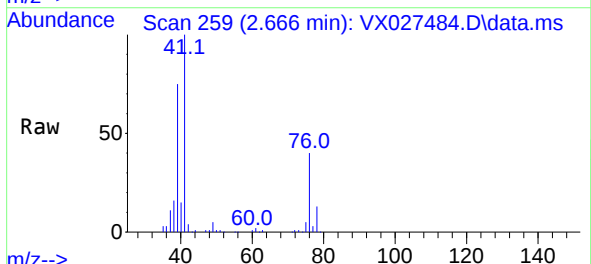
Tgt Ion: 56 Resp: 60340
Ion Ratio Lower Upper
56 100
55 70.5 55.0 82.6

Manual Integrations
APPROVED

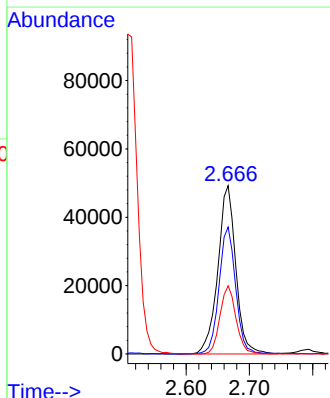
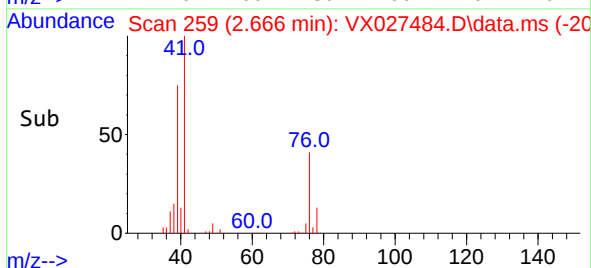
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

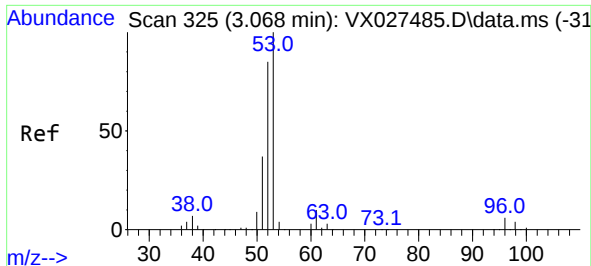


#14
Allyl chloride
Concen: 18.361 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



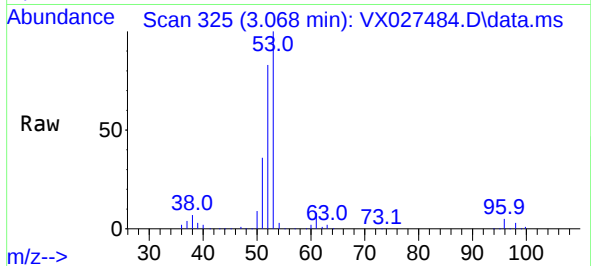
Tgt Ion: 41 Resp: 97000
Ion Ratio Lower Upper
41 100
39 69.9 50.4 75.6
76 36.1 32.7 49.1





#15
Acrylonitrile
Concen: 88.842 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

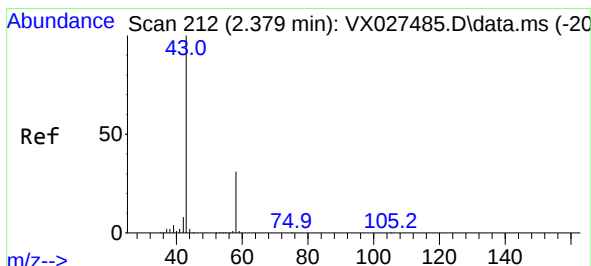
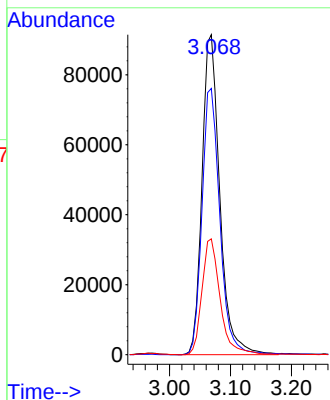
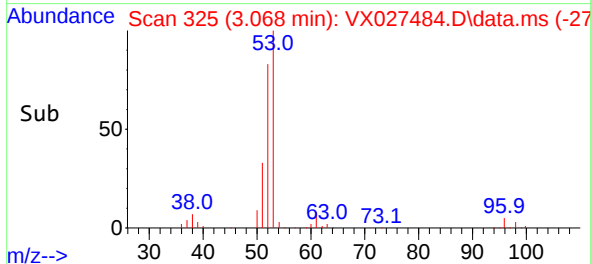
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



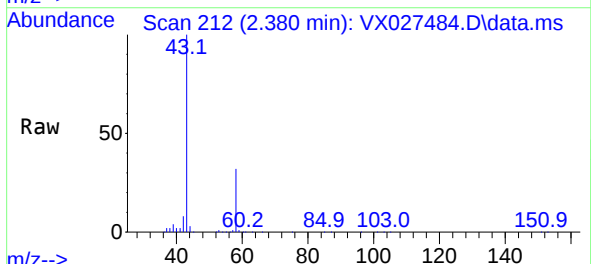
Tgt Ion: 53 Resp: 185670
Ion Ratio Lower Upper
53 100
52 83.9 65.7 98.5
51 37.0 28.4 42.6

Manual Integrations
APPROVED

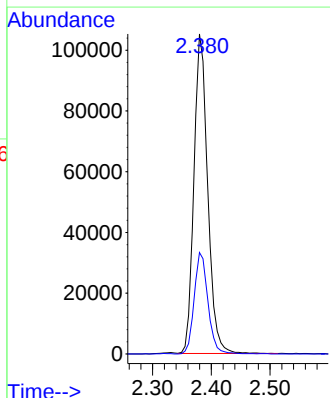
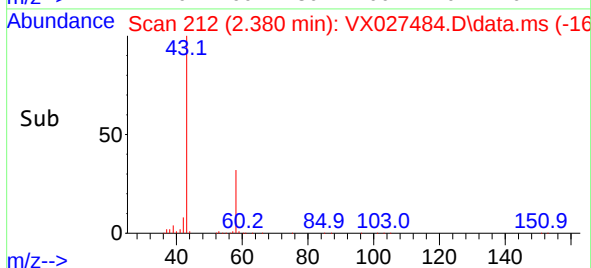
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

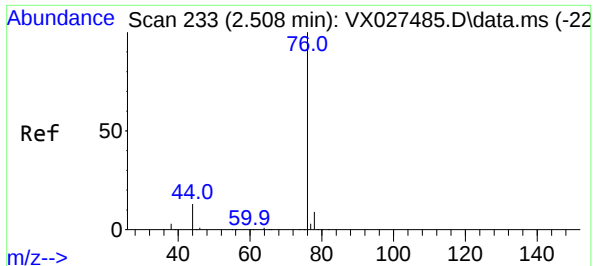


#16
Acetone
Concen: 96.183 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



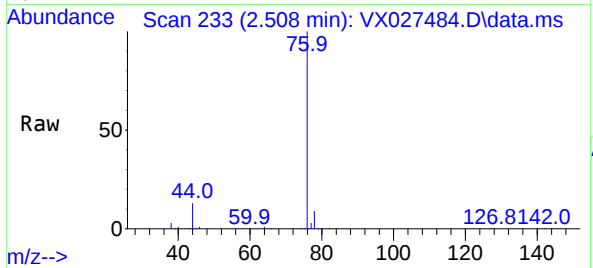
Tgt Ion: 43 Resp: 171141
Ion Ratio Lower Upper
43 100
58 31.8 28.8 43.2





#17
Carbon Disulfide
Concen: 16.888 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

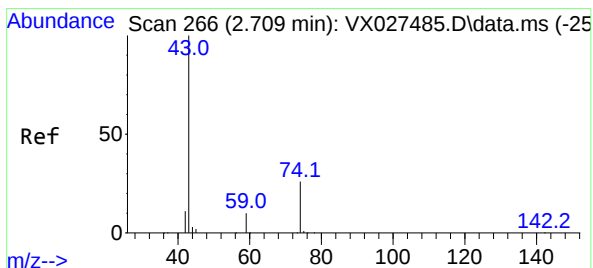
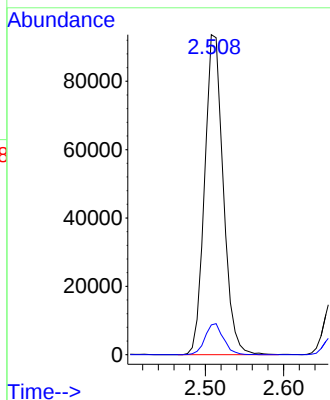
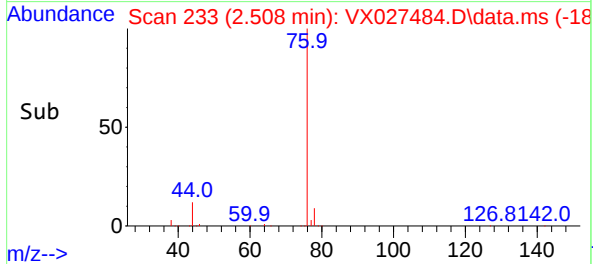
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



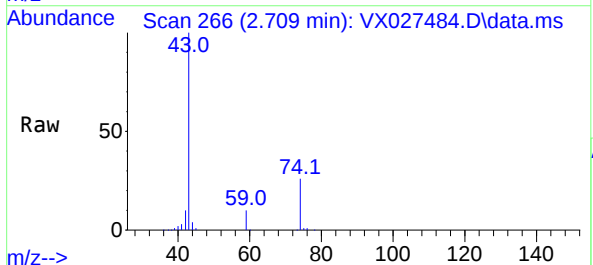
Tgt Ion: 76 Resp: 15453
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

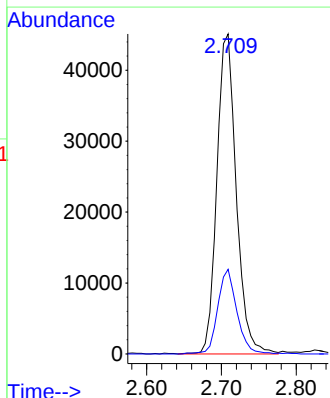
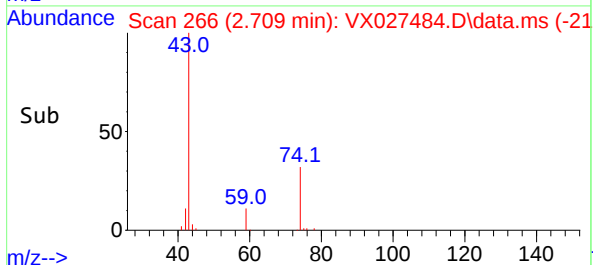
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

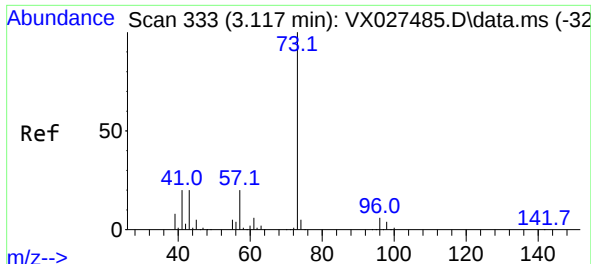


#18
Methyl Acetate
Concen: 18.296 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



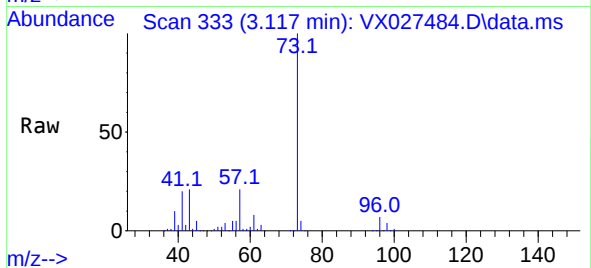
Tgt Ion: 43 Resp: 81472
Ion Ratio Lower Upper
43 100
74 26.3 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 19.196 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

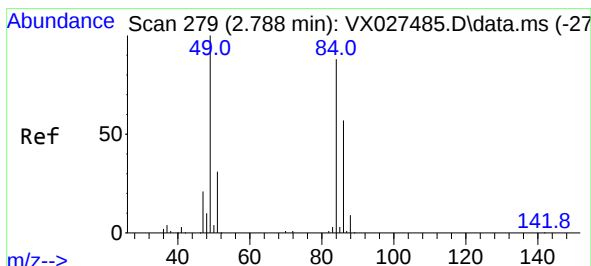
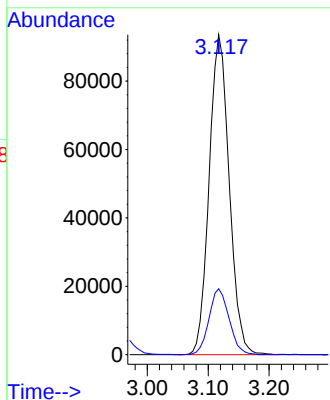
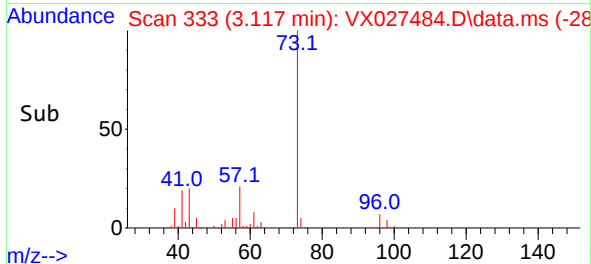
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



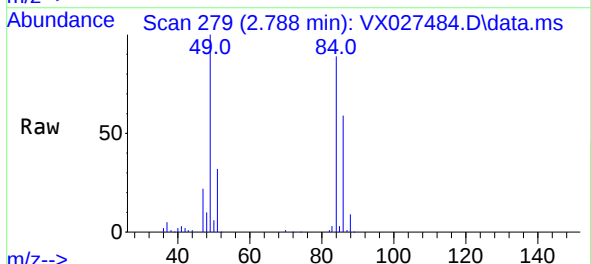
Tgt Ion: 73 Resp: 214210
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2

Manual Integrations
APPROVED

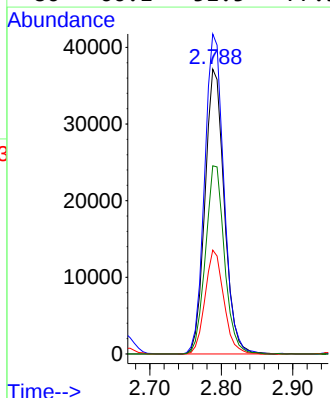
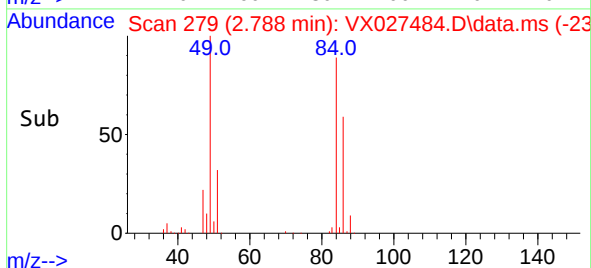
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

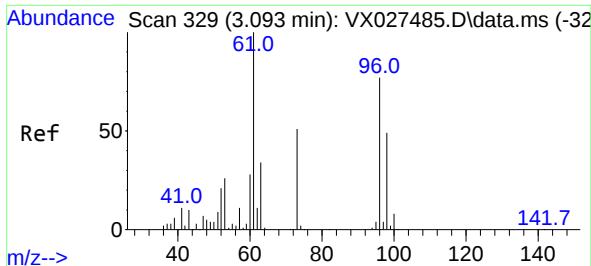


#20
Methylene Chloride
Concen: 17.561 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



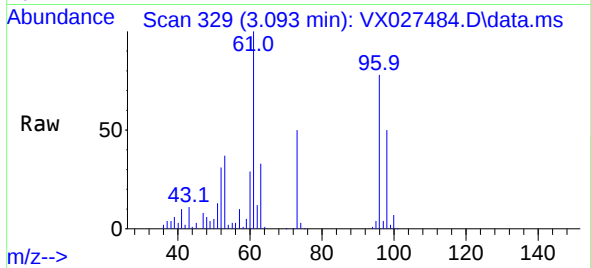
Tgt Ion: 84 Resp: 69495
Ion Ratio Lower Upper
84 100
49 112.4 85.5 128.3
51 36.5 26.6 39.8
86 66.1 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.748 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

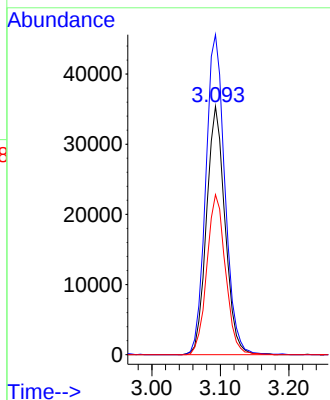
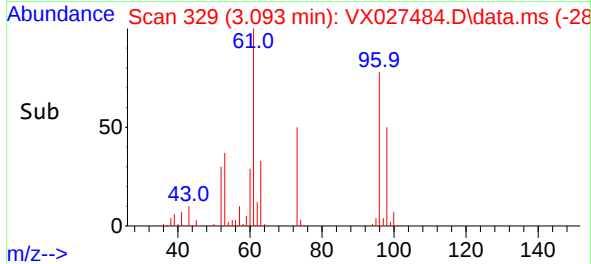
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



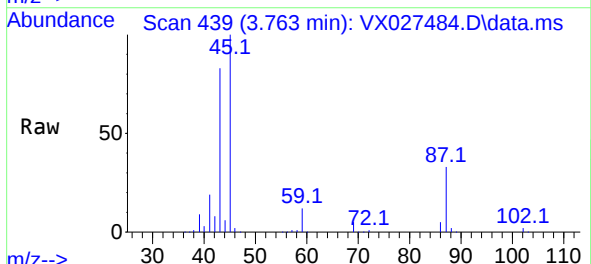
Tgt Ion: 96 Resp: 6644
Ion Ratio Lower Upper
96 100
61 128.9 105.4 158.2
98 64.4 50.0 75.0

Manual Integrations
APPROVED

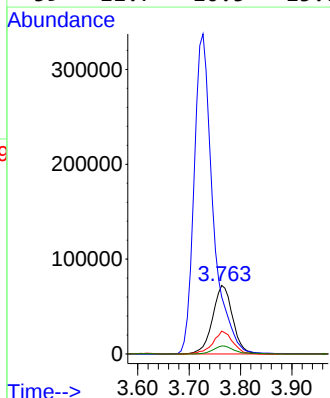
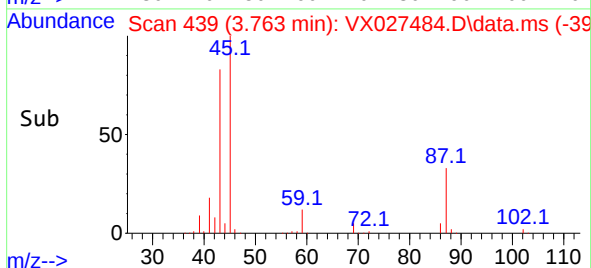
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

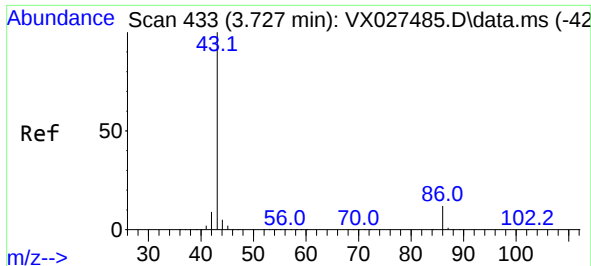


#22
Diisopropyl ether
Concen: 18.471 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 45 Resp: 195075
Ion Ratio Lower Upper
45 100
43 82.5 50.8 76.2#
87 33.4 26.6 39.8
59 11.7 10.5 15.7





#23
 Vinyl Acetate
 Concen: 97.594 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX027484.D
 Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

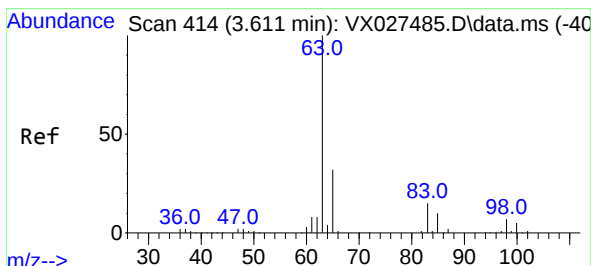
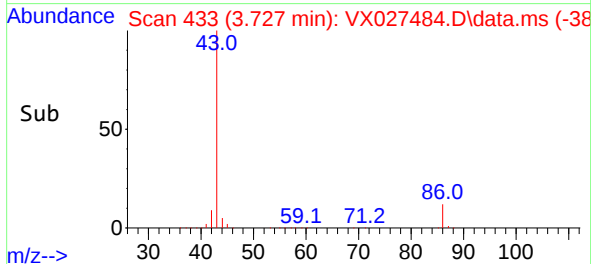
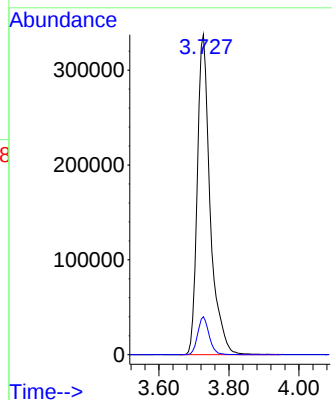
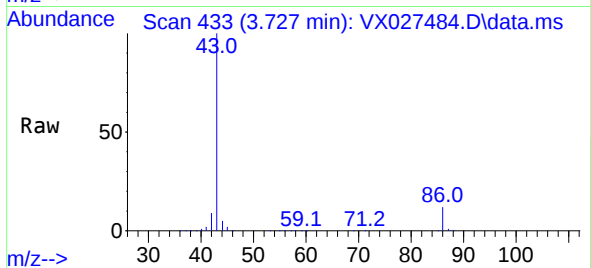
VSTDICC020

Tgt Ion: 43 Resp: 86227
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.8 16.2

Manual Integrations

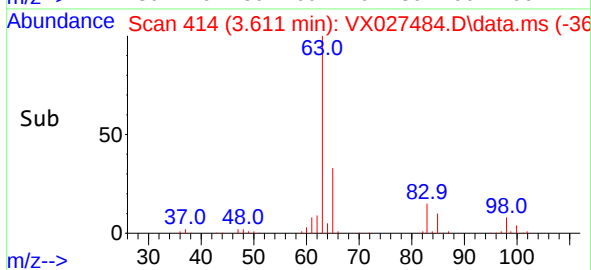
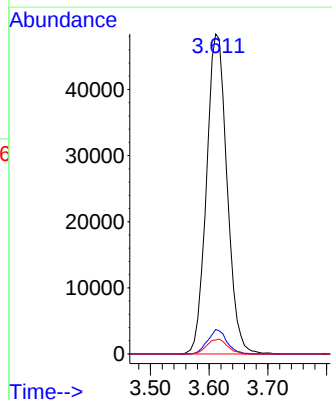
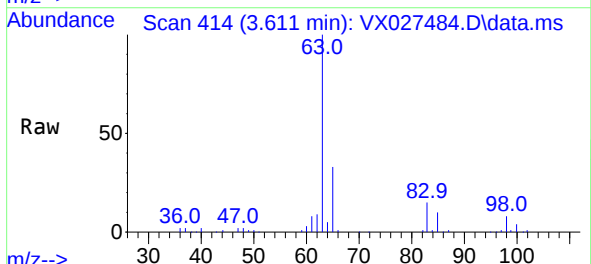
APPROVED

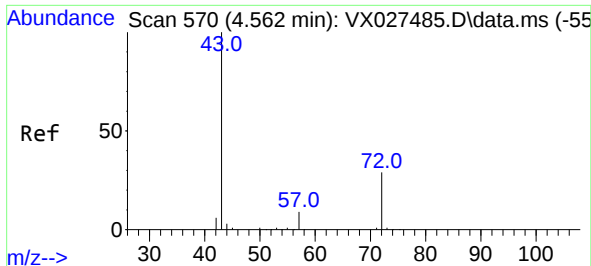
Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 18.339 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX027484.D
 Acq: 17 Mar 2022 12:59

Tgt Ion: 63 Resp: 117607
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 94.605 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 263972

Ion Ratio Lower Upper

43 100

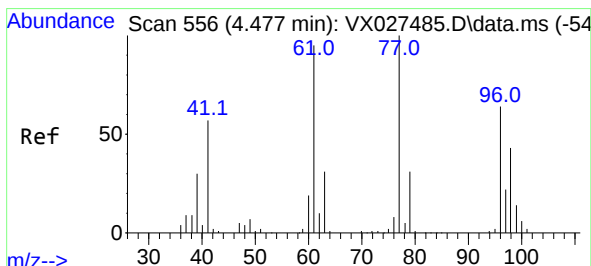
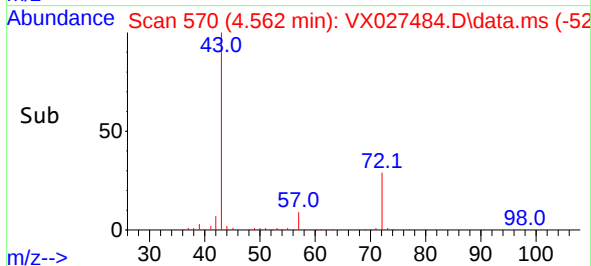
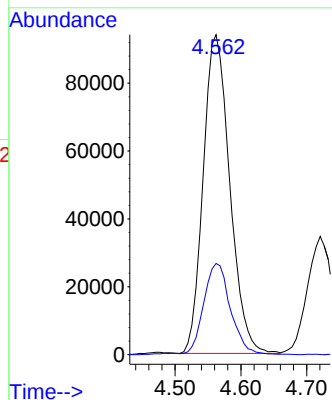
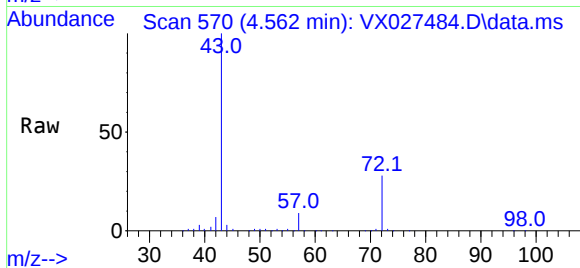
72 28.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#26

2,2-Dichloropropane

Concen: 20.714 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX027484.D

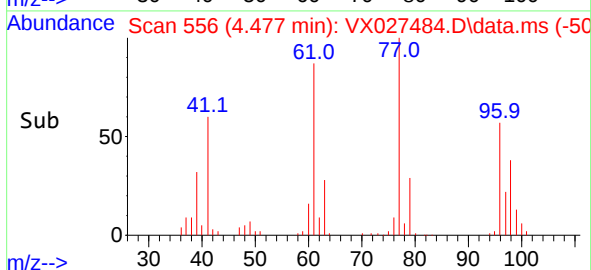
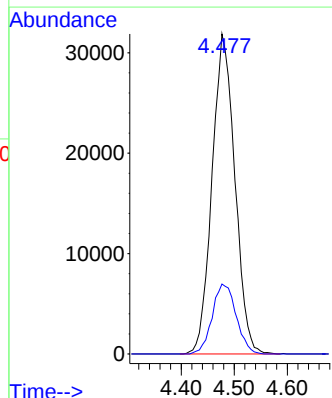
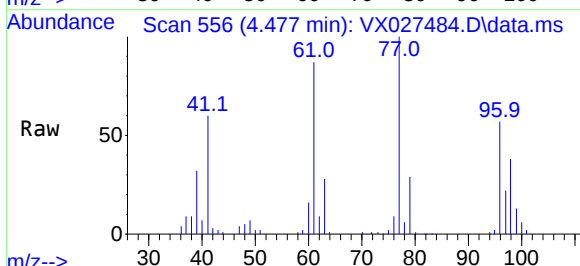
Acq: 17 Mar 2022 12:59

Tgt Ion: 77 Resp: 95241

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 18.197 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 79038

Ion Ratio Lower Upper

96 100

61 137.9 0.0 283.8

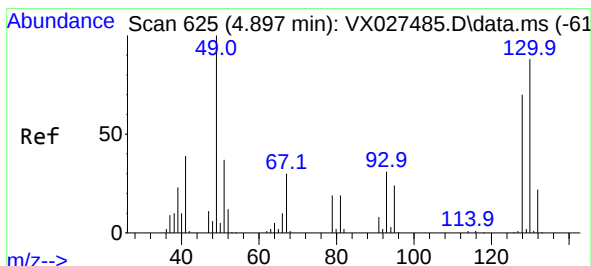
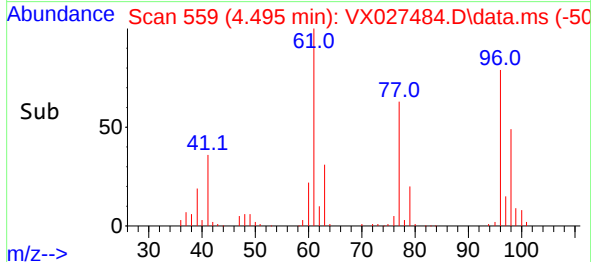
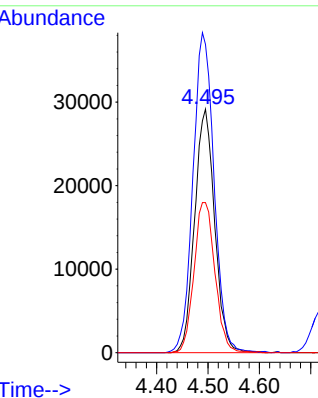
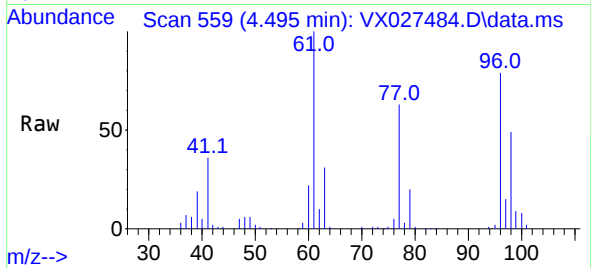
98 64.4 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#28

Bromochloromethane

Concen: 18.407 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

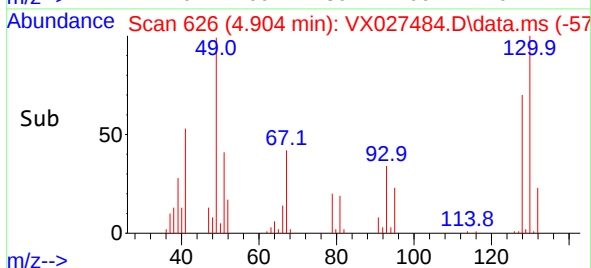
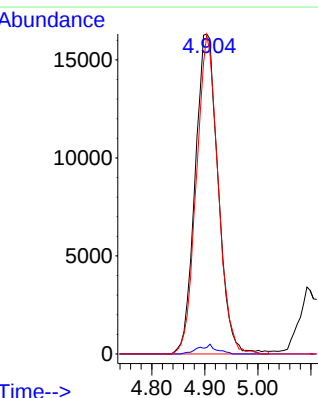
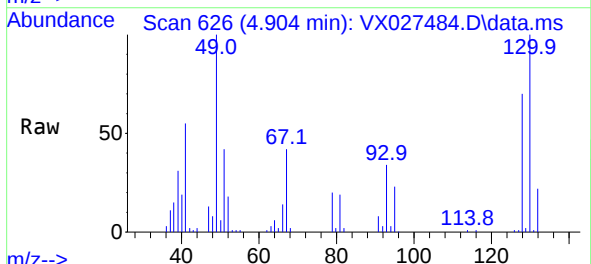
Tgt Ion: 49 Resp: 49115

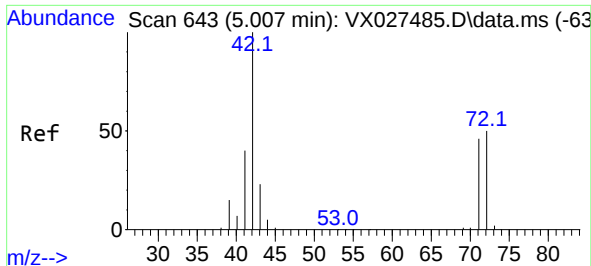
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 94.0 70.7 106.1





#29

Tetrahydrofuran

Concen: 91.728 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 16935

Ion Ratio Lower Upper

42 100

72 50.0 44.1 66.1

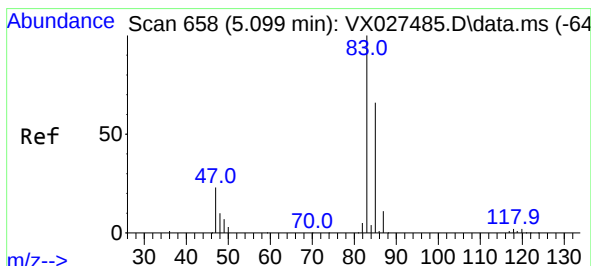
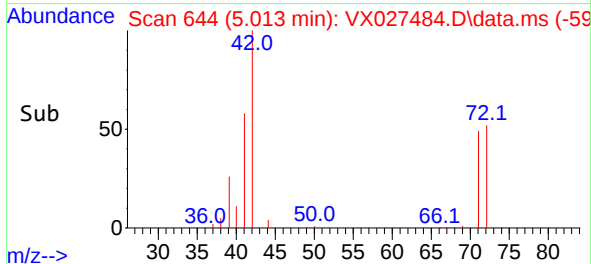
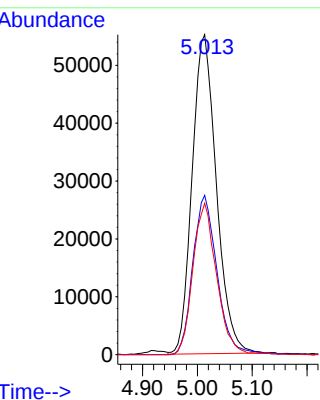
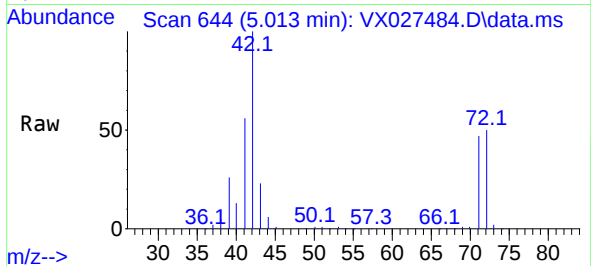
71 46.5 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#30

Chloroform

Concen: 19.185 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX027484.D

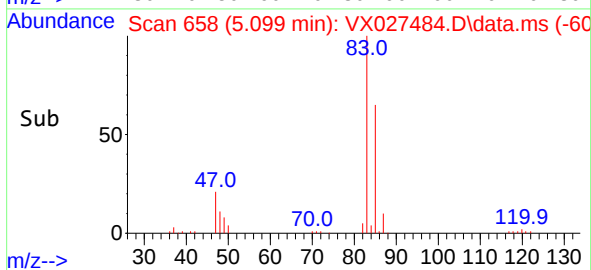
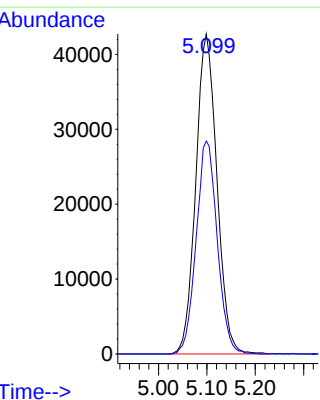
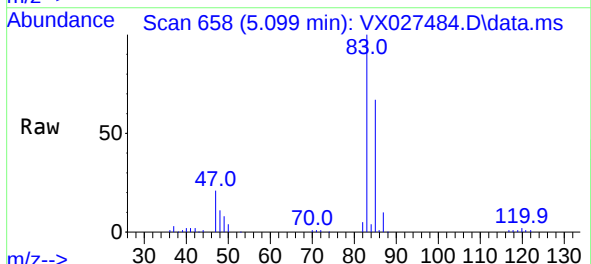
Acq: 17 Mar 2022 12:59

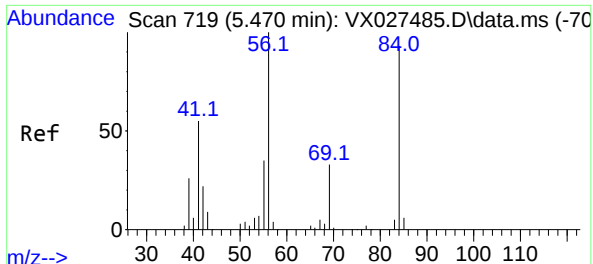
Tgt Ion: 83 Resp: 129857

Ion Ratio Lower Upper

83 100

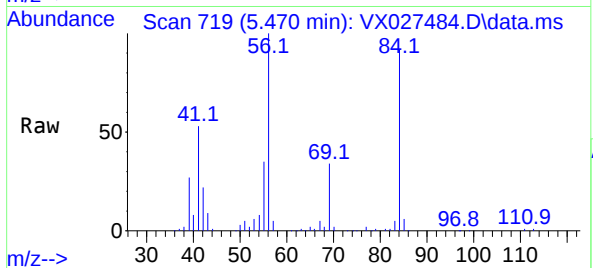
85 66.5 52.7 79.1





#31
Cyclohexane
Concen: 18.217 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

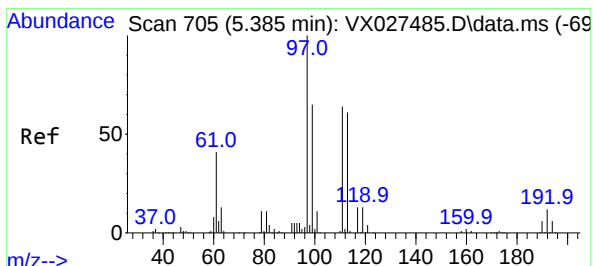
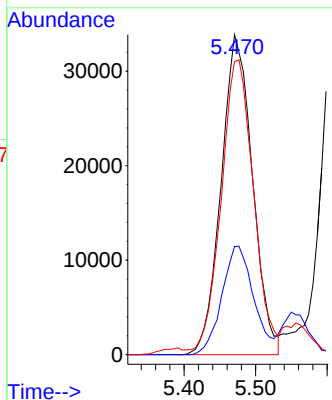
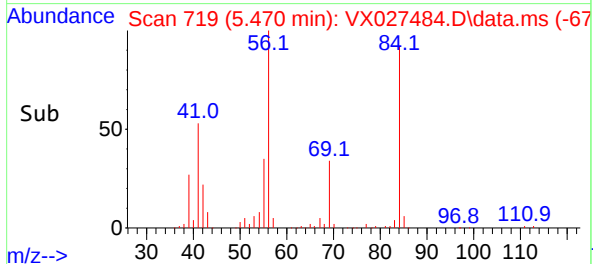
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



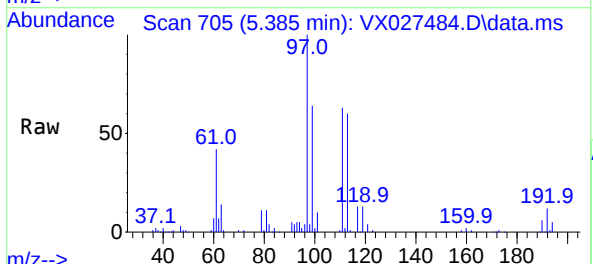
Tgt Ion: 56 Resp: 10322
Ion Ratio Lower Upper
56 100
69 33.8 26.7 40.1
84 89.5 77.2 115.8

Manual Integrations
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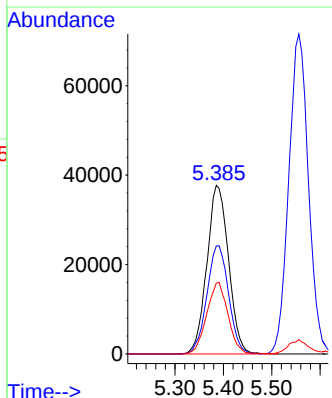
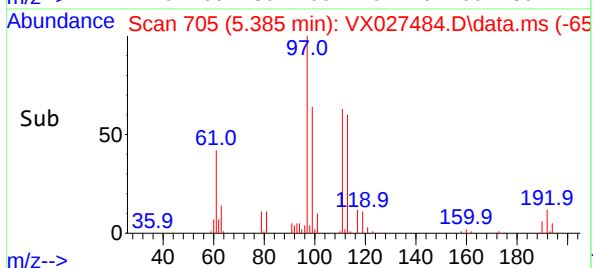
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

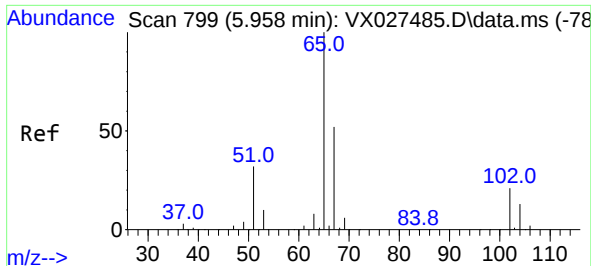


#32
1,1,1-Trichloroethane
Concen: 20.263 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 97 Resp: 117222
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 41.8 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 20.847 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 8444

Ion Ratio Lower Upper

65 100

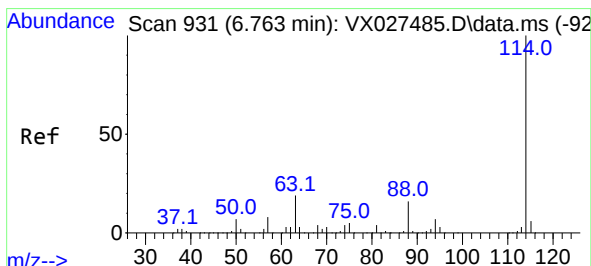
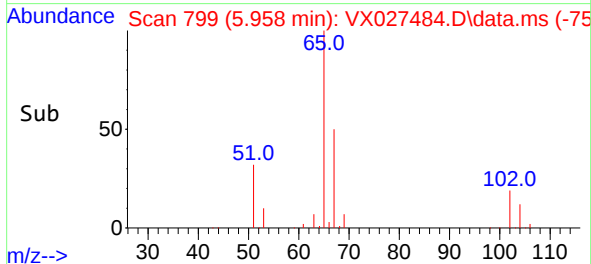
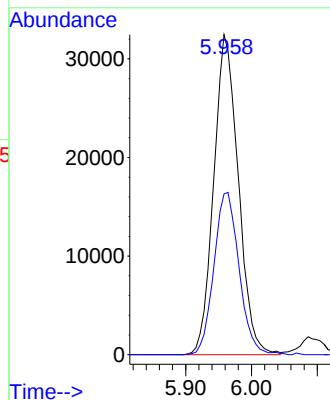
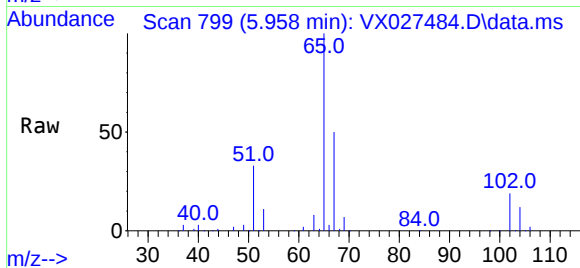
67 51.9 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

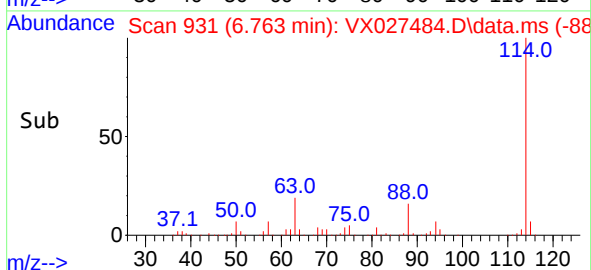
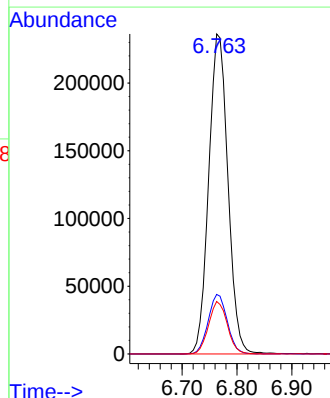
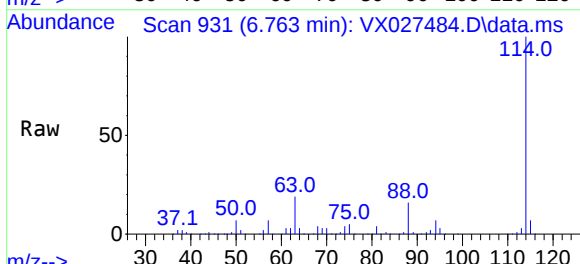
Tgt Ion:114 Resp: 572703

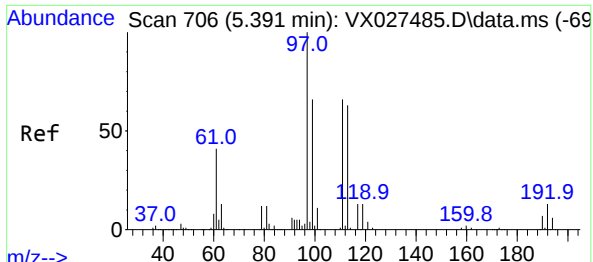
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

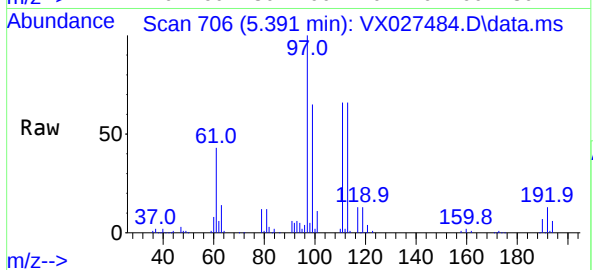
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 19.065 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

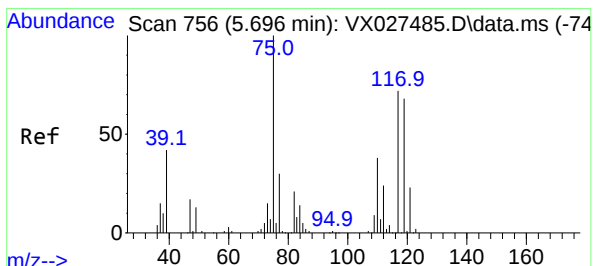
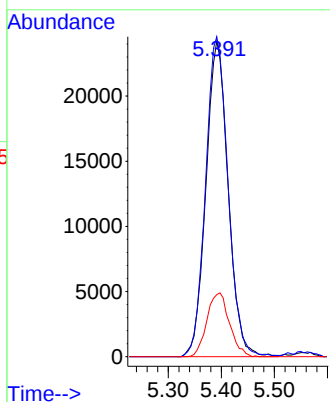
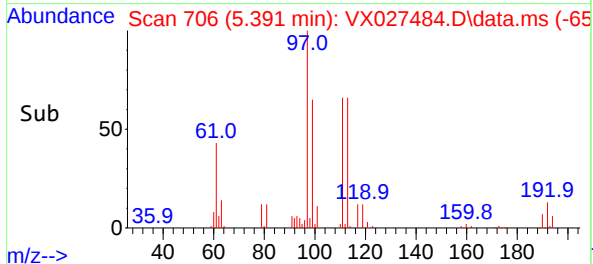
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



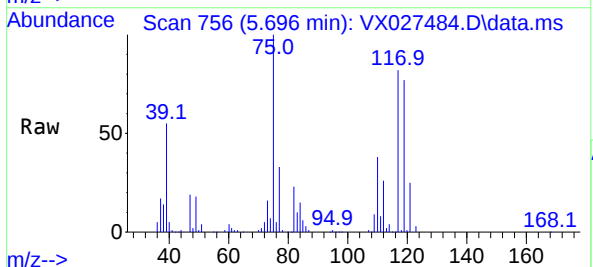
Tgt Ion: 113 Resp: 7045
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.5 16.9 25.3

Manual Integrations
APPROVED

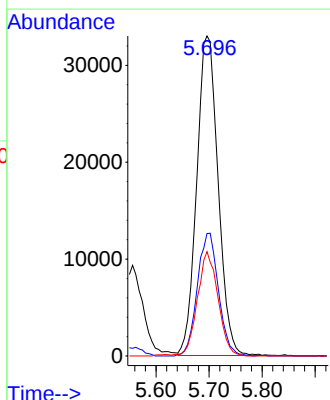
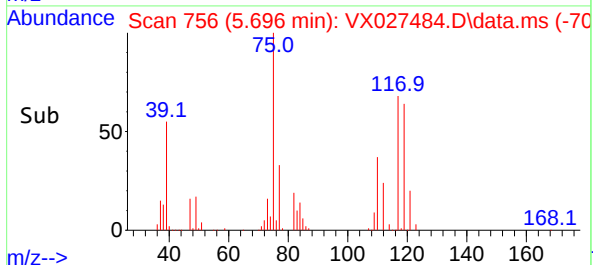
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

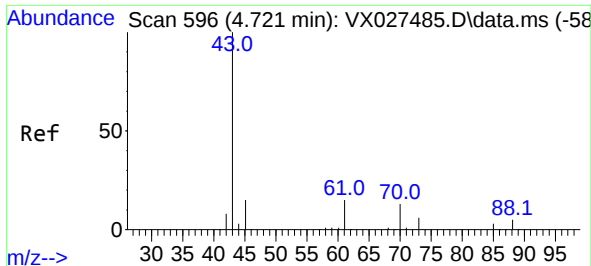


#36
1,1-Dichloropropene
Concen: 18.000 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



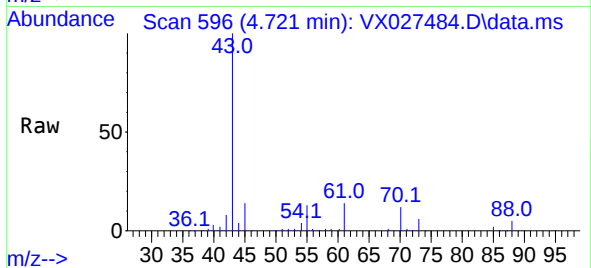
Tgt Ion: 75 Resp: 92351
Ion Ratio Lower Upper
75 100
110 38.0 18.3 54.8
77 31.2 24.8 37.2





#37
Ethyl Acetate
Concen: 18.400 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

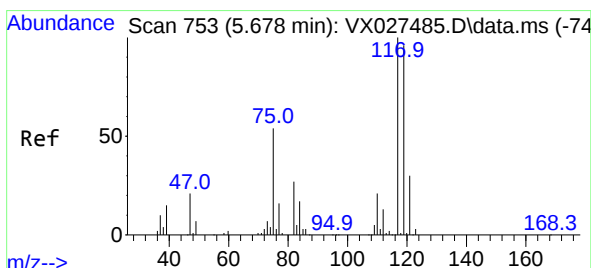
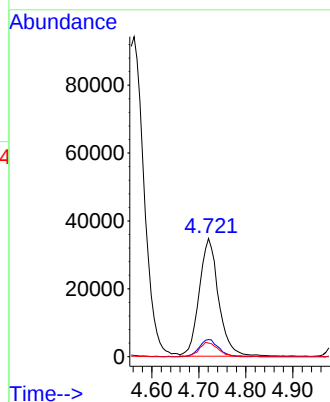
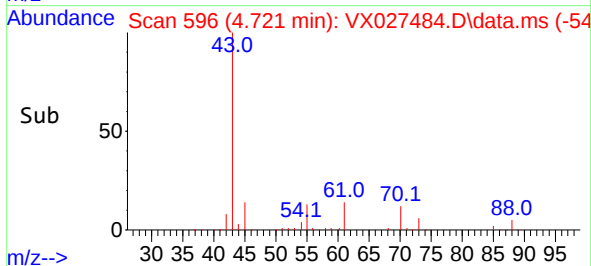
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



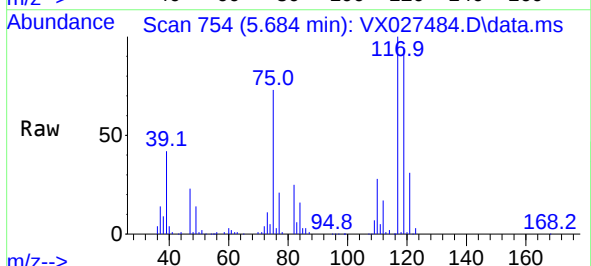
Tgt Ion: 43 Resp: 99514
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 11.7 10.2 15.2

Manual Integrations
APPROVED

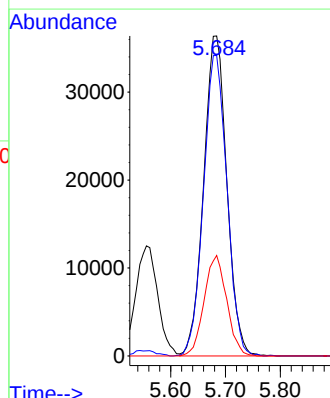
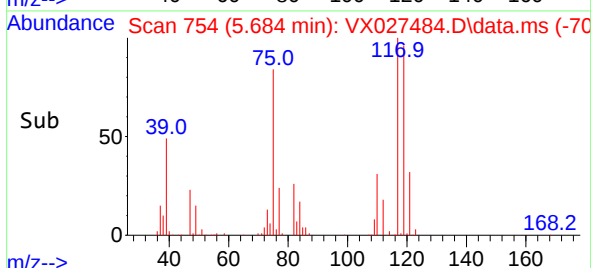
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Carbon Tetrachloride
Concen: 20.191 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion:117 Resp: 107122
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 18.929 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 122638

Ion Ratio Lower Upper

83 100

55 69.8 54.6 81.8

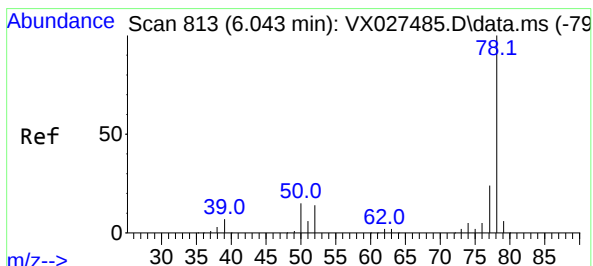
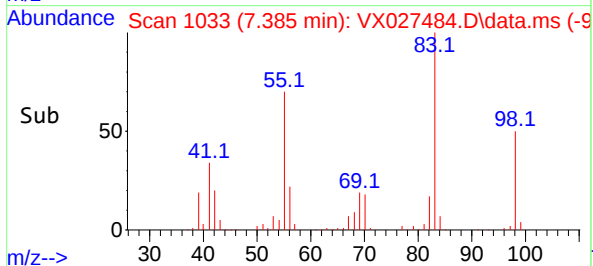
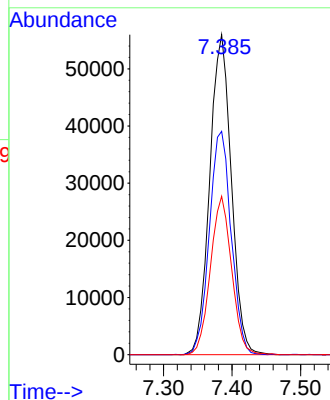
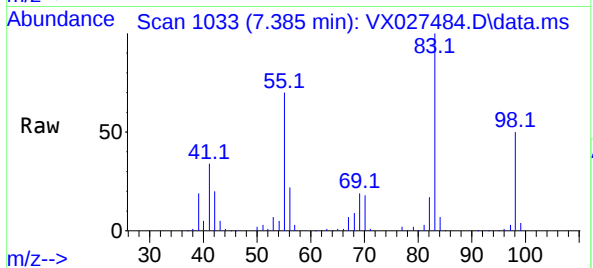
98 49.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#40

Benzene

Concen: 18.400 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027484.D

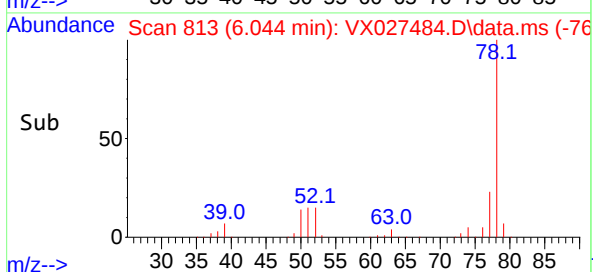
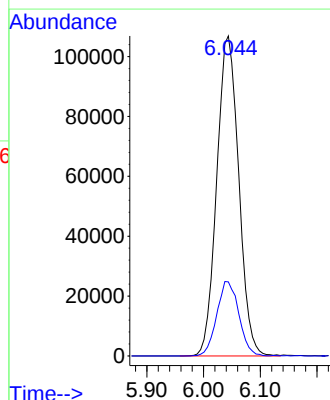
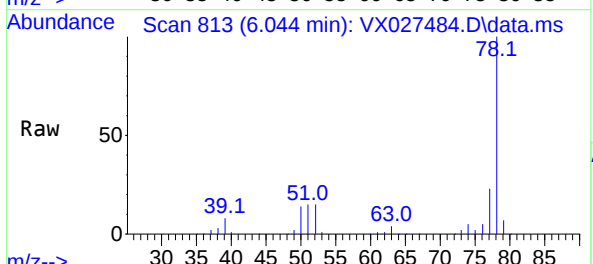
Acq: 17 Mar 2022 12:59

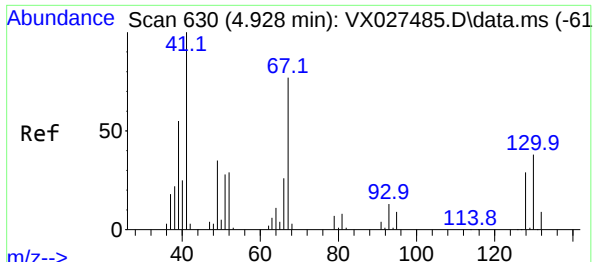
Tgt Ion: 78 Resp: 287531

Ion Ratio Lower Upper

78 100

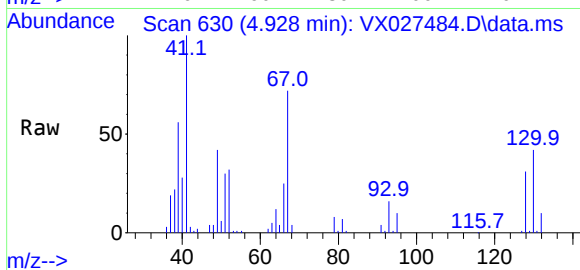
77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 18.469 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

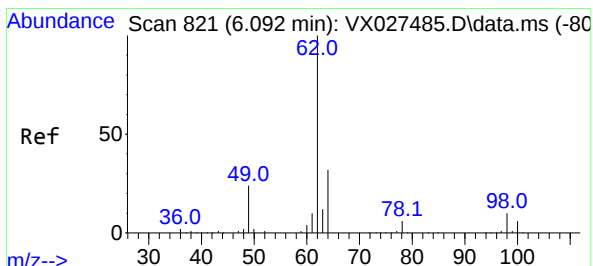
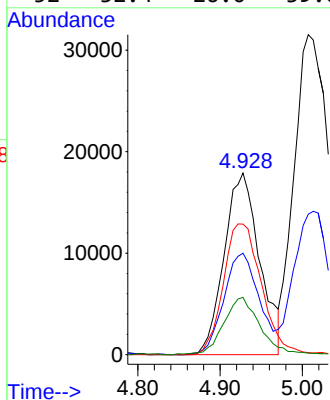
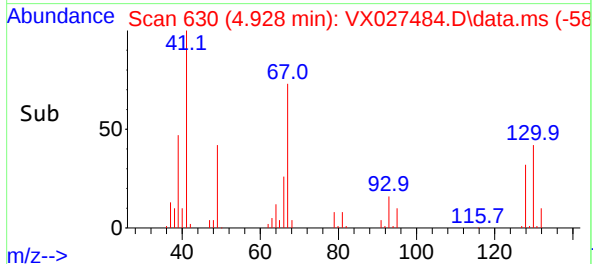
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 53854
Ion Ratio Lower Upper
41 100
39 55.0 43.0 64.4
67 77.3 70.2 105.4
52 32.4 26.0 39.0

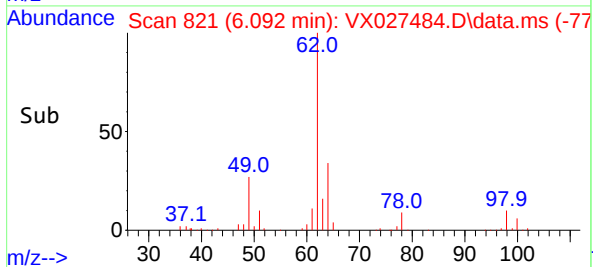
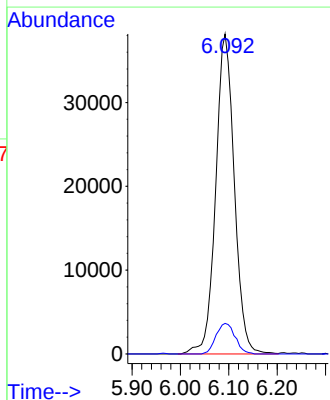
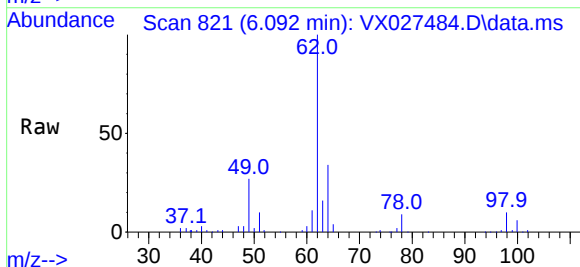
Manual Integrations
APPROVED

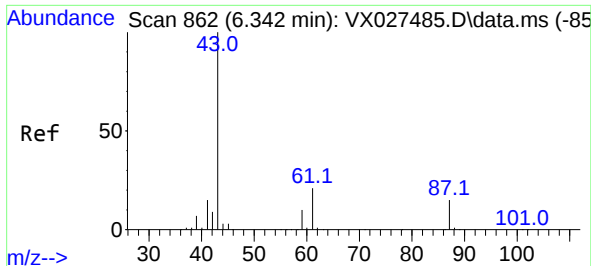
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
1,2-Dichloroethane
Concen: 19.986 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion: 62 Resp: 102024
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.4





#43

Isopropyl Acetate

Concen: 18.963 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 154600

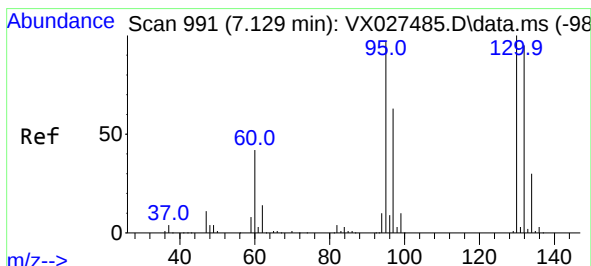
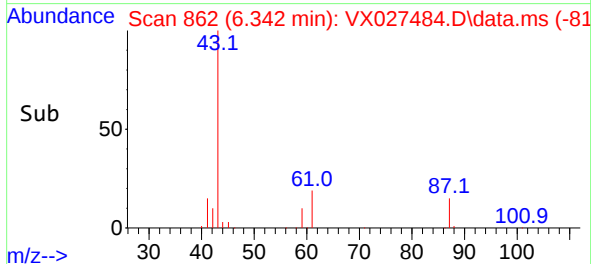
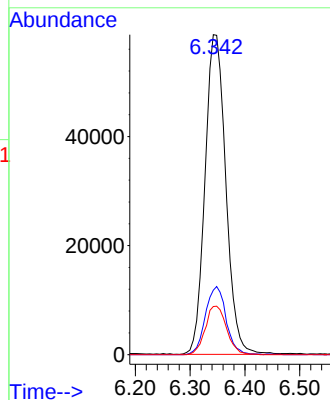
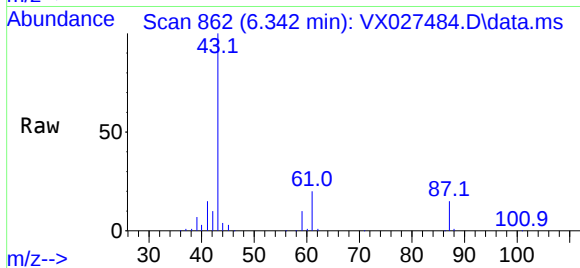
Ion	Ratio	Lower	Upper
43	100		
61	21.2	18.5	27.7
87	15.5	13.0	19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#44

Trichloroethene

Concen: 20.220 ug/l

RT: 7.129 min Scan# 991

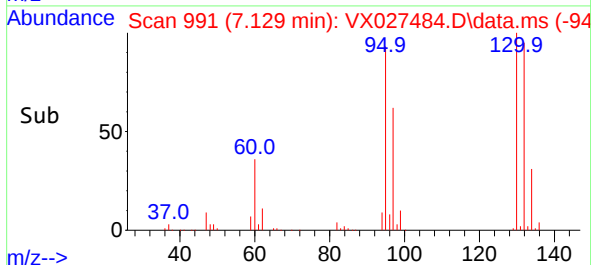
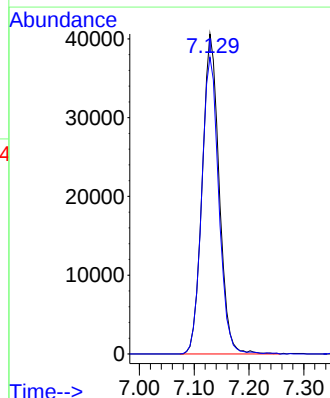
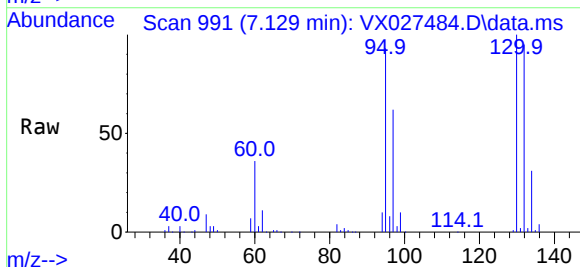
Delta R.T. 0.000 min

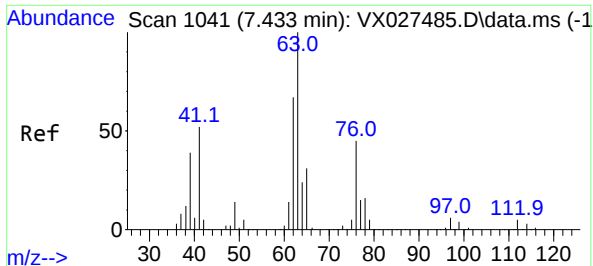
Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Tgt Ion:130 Resp: 86784

Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	188.8





#45

1,2-Dichloropropane

Concen: 18.600 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 7283

Ion Ratio Lower Upper

63 100

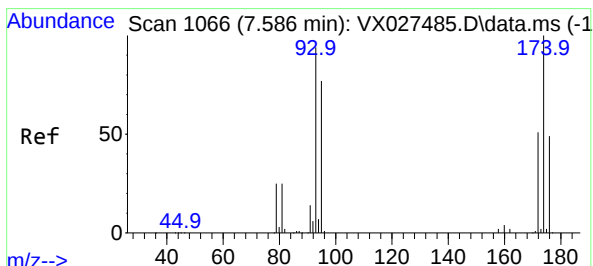
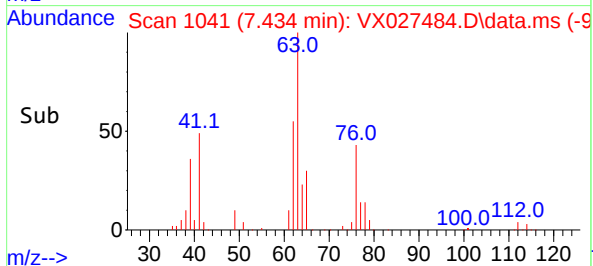
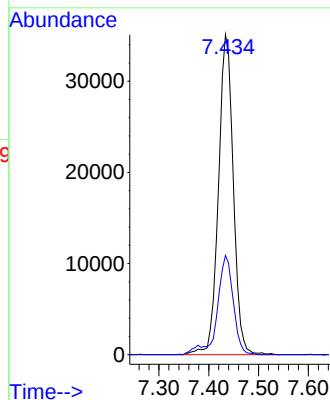
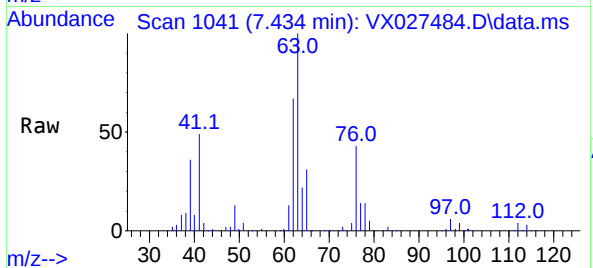
65 31.0 25.8 38.6

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Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

Dibromomethane

Concen: 19.359 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

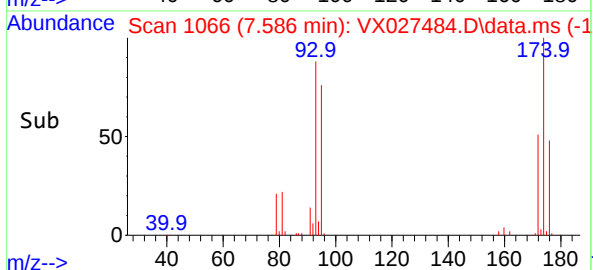
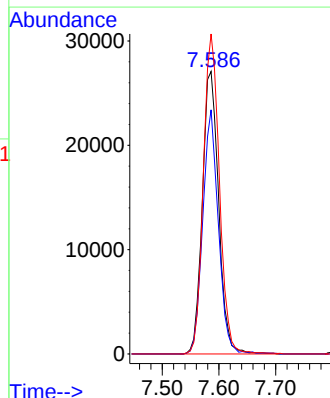
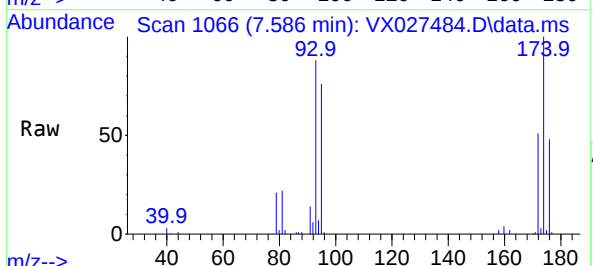
Tgt Ion: 93 Resp: 53931

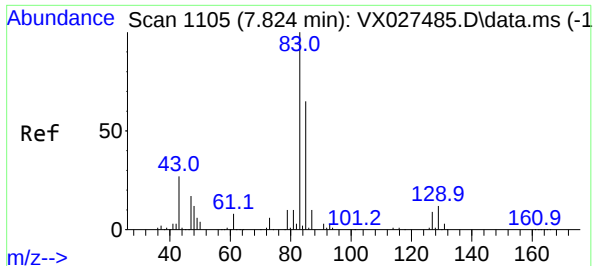
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

174 112.0 85.4 128.2





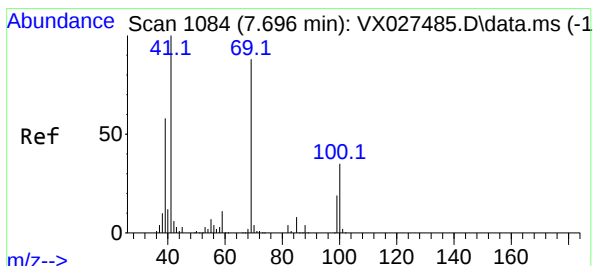
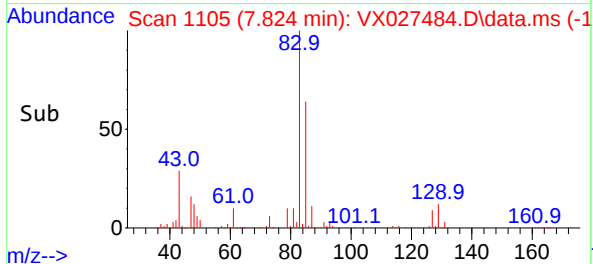
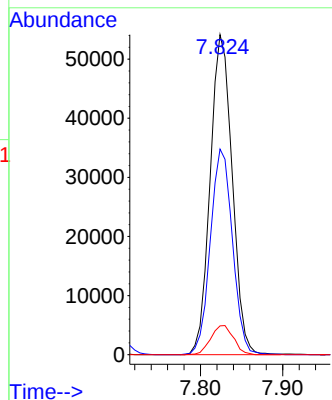
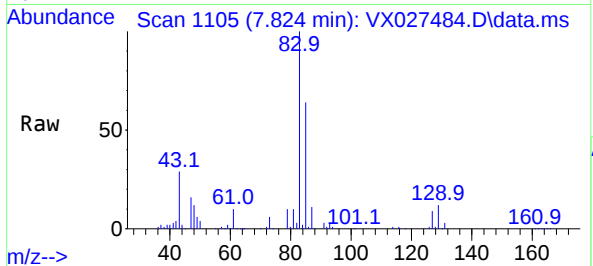
#47
Bromodichloromethane
Concen: 19.603 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 10085
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2
127 9.0 6.8 10.2

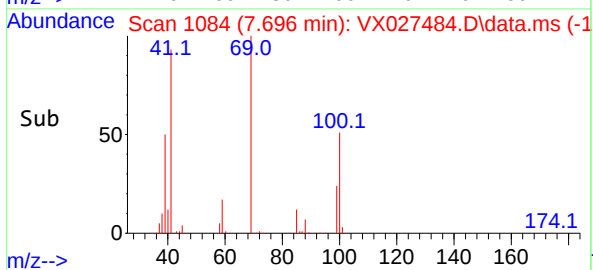
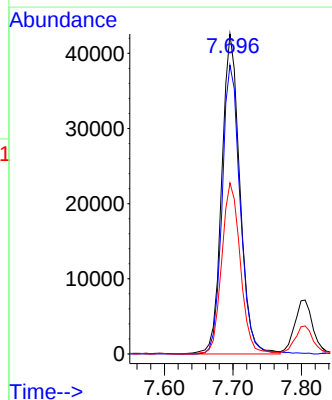
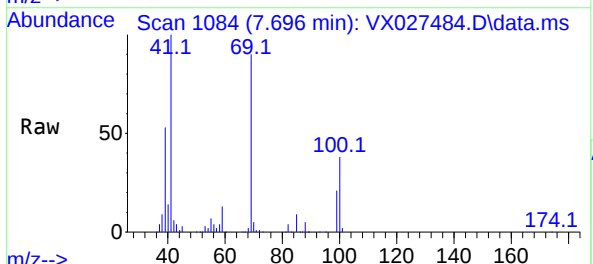
Manual Integrations
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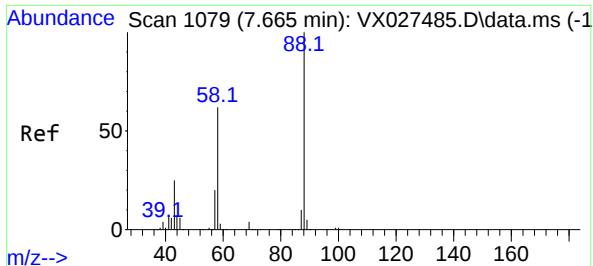
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Methyl methacrylate
Concen: 19.228 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion: 41 Resp: 77956
Ion Ratio Lower Upper
41 100
69 90.3 82.5 123.7
39 54.7 43.8 65.8





#49

1,4-Dioxane

Concen: 397.644 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

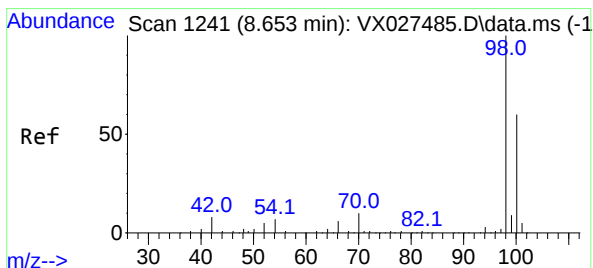
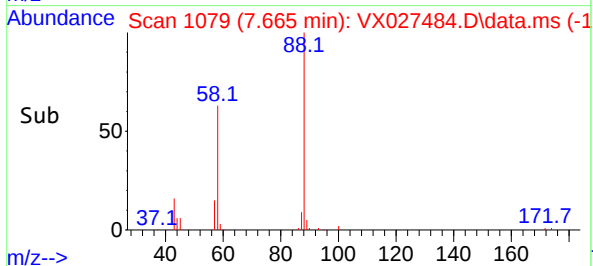
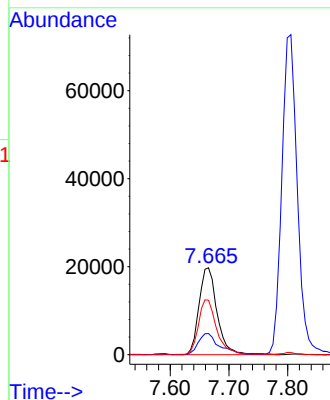
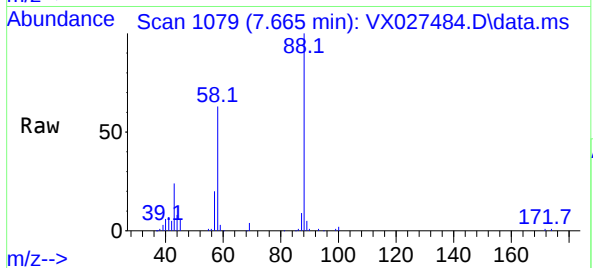
Tgt Ion: 88 Resp: 42210
 Ion Ratio Lower Upper
 88 100
 43 28.5 21.9 32.9
 58 63.8 53.7 80.5

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Supervised By :Mahesh Dadoda 03/18/2022



#50

Toluene-d8

Concen: 20.379 ug/l

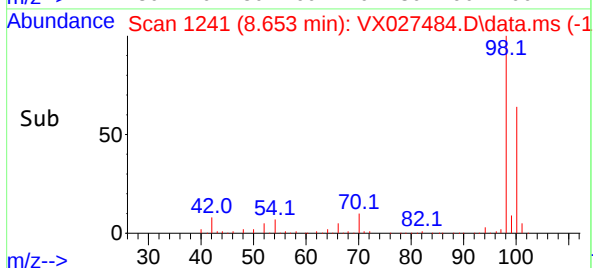
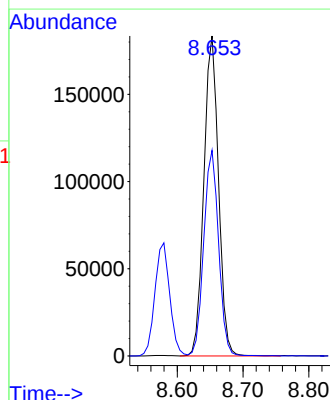
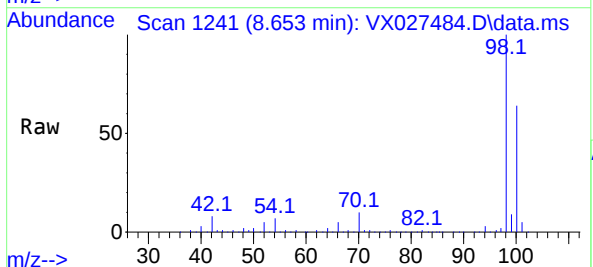
RT: 8.653 min Scan# 1241

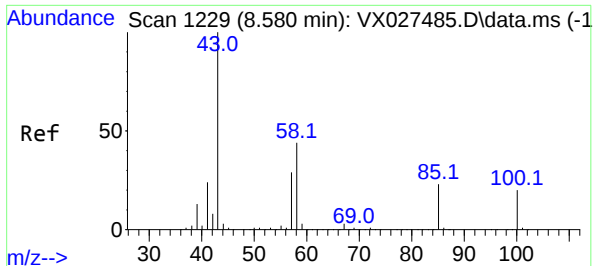
Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Tgt Ion: 98 Resp: 284306
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 93.342 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 50949

Ion Ratio Lower Upper

43 100

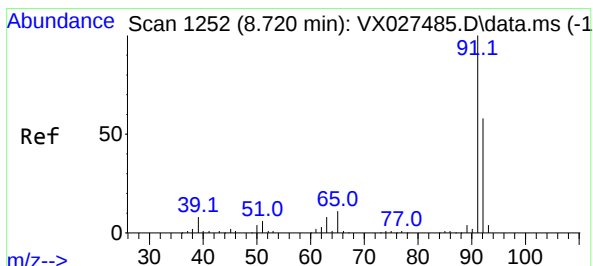
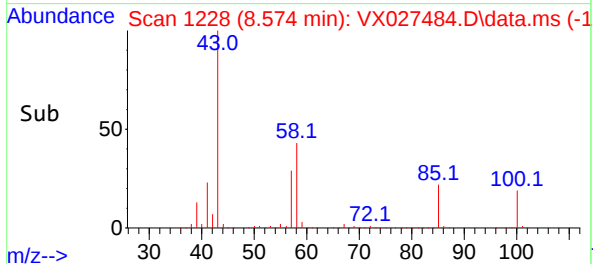
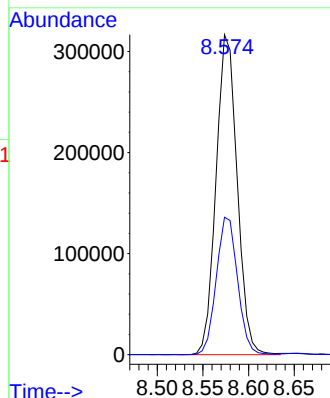
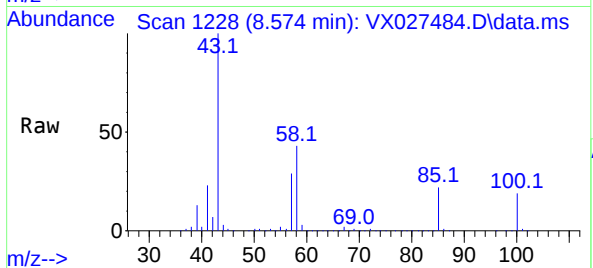
58 43.3 36.1 54.1

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Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#52

Toluene

Concen: 19.642 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027484.D

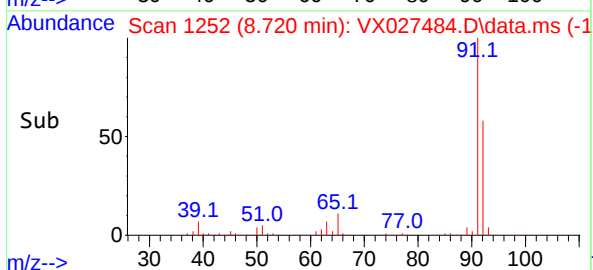
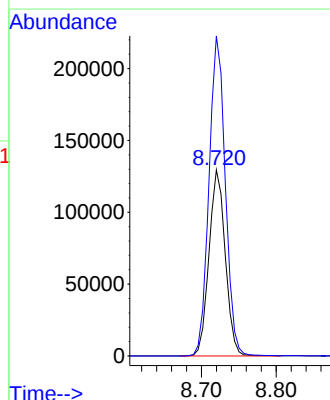
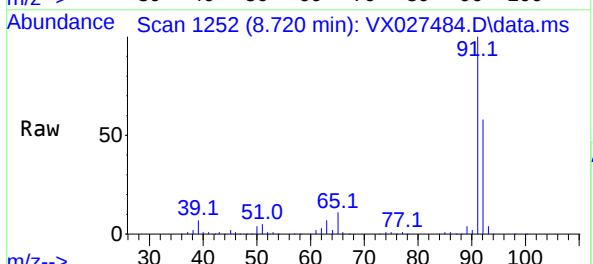
Acq: 17 Mar 2022 12:59

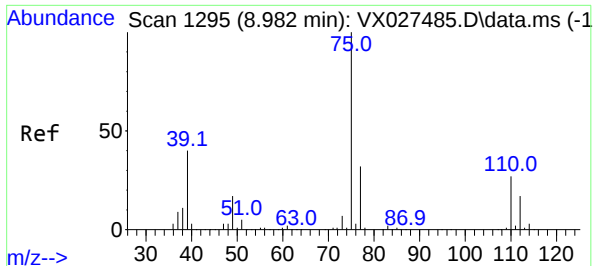
Tgt Ion: 92 Resp: 195675

Ion Ratio Lower Upper

92 100

91 172.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 19.685 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 103910

Ion Ratio Lower Upper

75 100

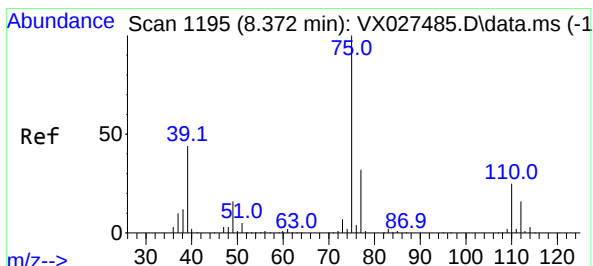
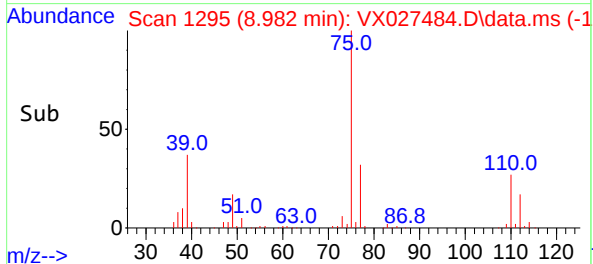
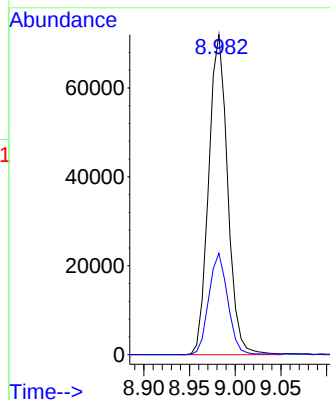
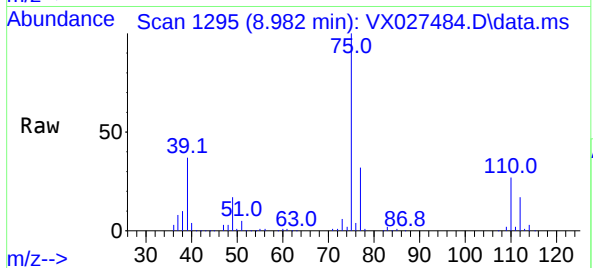
77 31.7 25.4 38.0

Manual Integrations

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Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#54

cis-1,3-Dichloropropene

Concen: 19.632 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

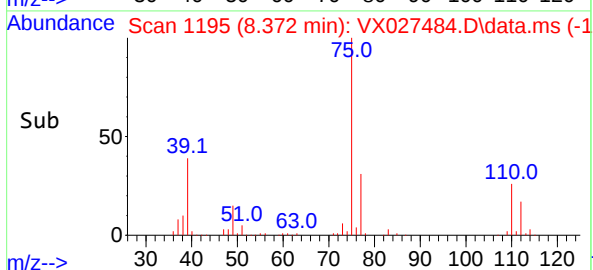
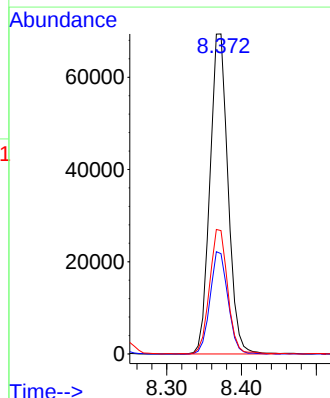
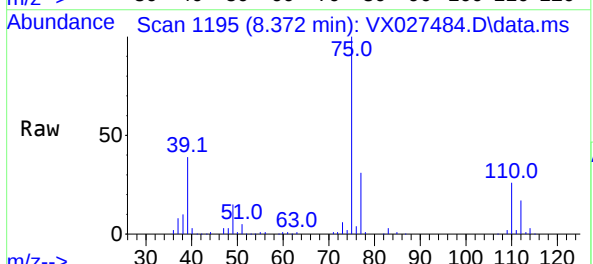
Tgt Ion: 75 Resp: 116324

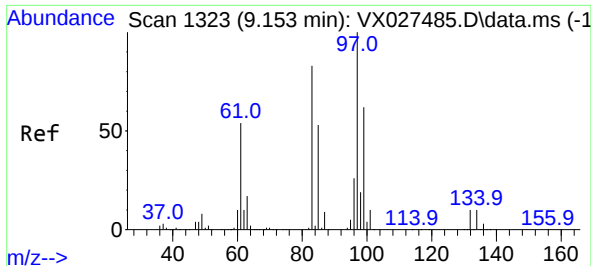
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 38.5 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 19.474 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

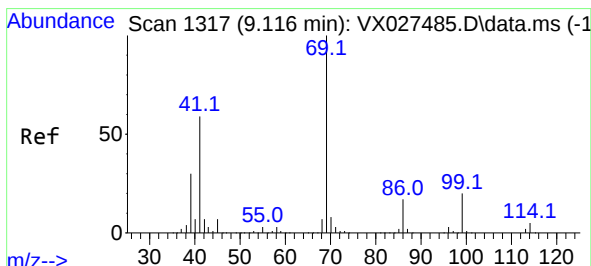
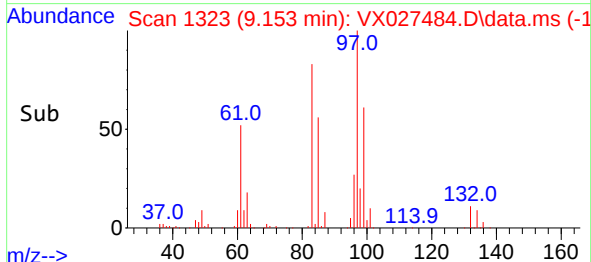
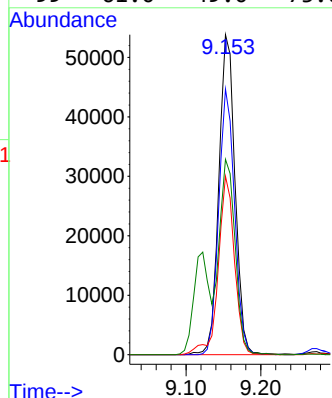
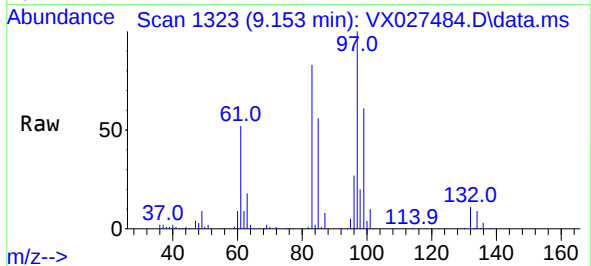
VSTDIC020

Tgt Ion: 97 Resp: 80964
Ion Ratio Lower Upper
97 100
83 83.0 66.2 99.4
85 55.8 42.9 64.3
99 61.0 49.0 73.6

Manual Integrations

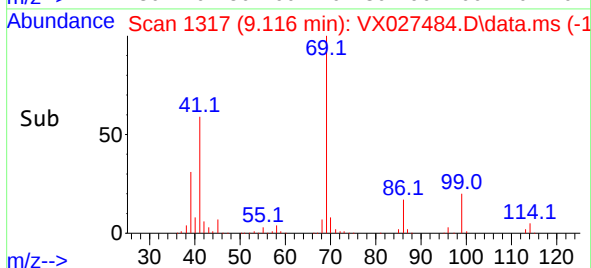
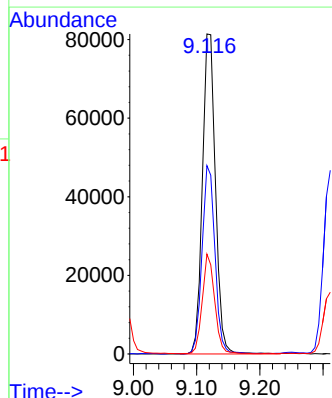
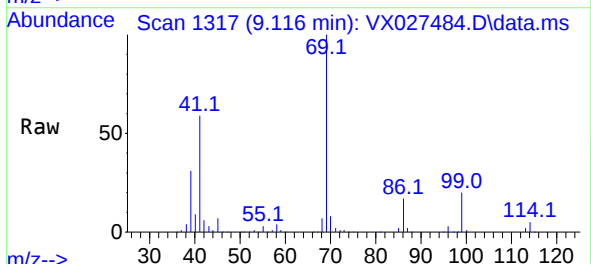
APPROVED

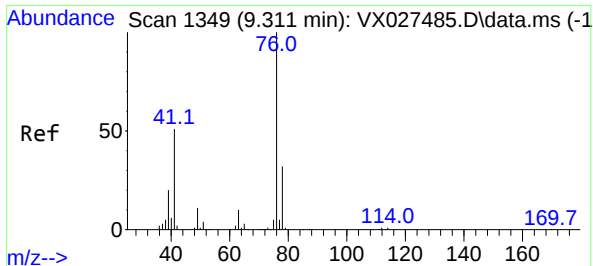
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#56
Ethyl methacrylate
Concen: 19.120 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

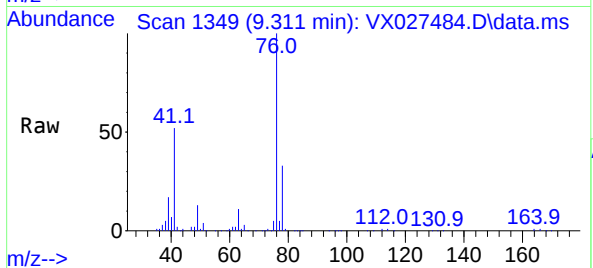
Tgt Ion: 69 Resp: 117251
Ion Ratio Lower Upper
69 100
41 58.1 43.8 65.6
39 29.6 22.2 33.2





#57
1,3-Dichloropropane
Concen: 19.127 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

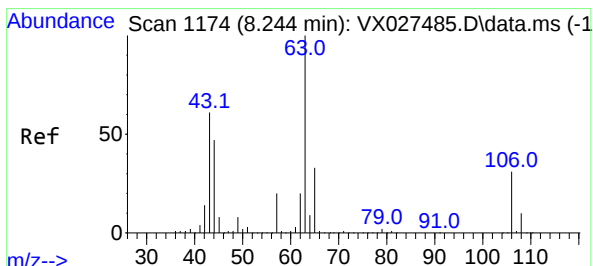
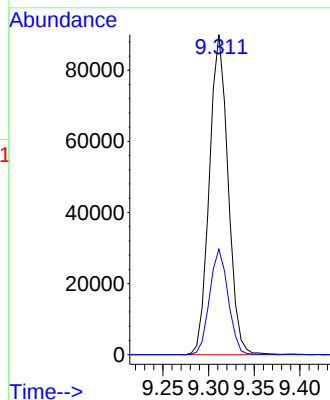
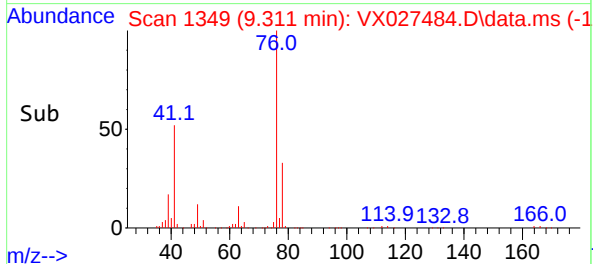
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



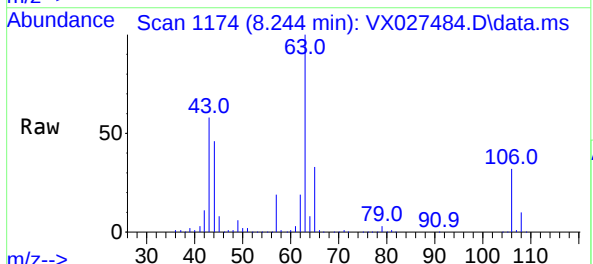
Tgt Ion: 76 Resp: 128374
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

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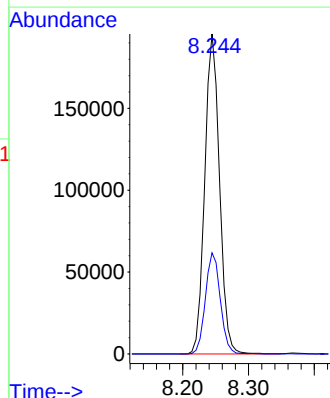
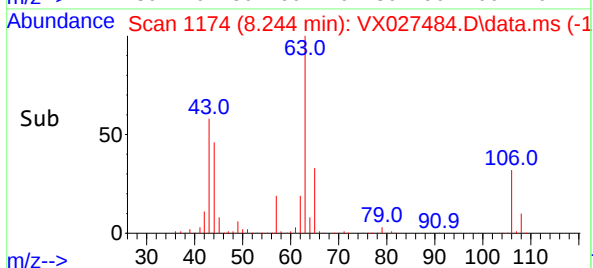
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

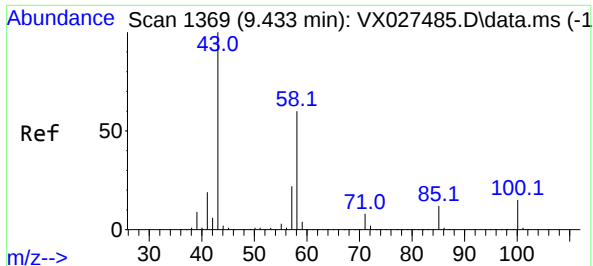


#58
2-Chloroethyl Vinyl ether
Concen: 98.507 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 63 Resp: 304997
Ion Ratio Lower Upper
63 100
106 32.0 23.9 35.9





#59

2-Hexanone

Concen: 93.589 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX027484.D

Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 394602

Ion Ratio Lower Upper

43 100

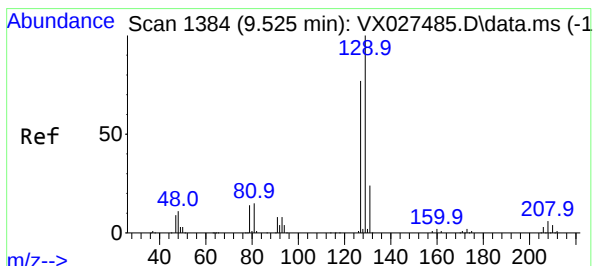
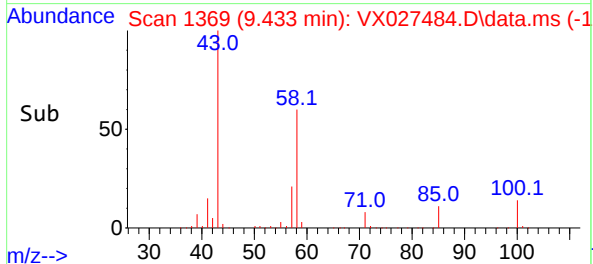
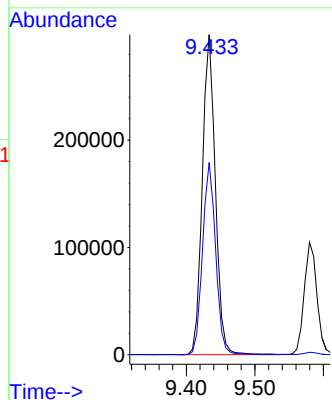
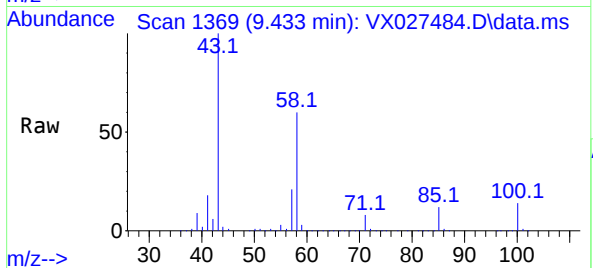
58 60.5 31.9 95.7

Manual Integrations

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Reviewed By :John Carlone 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#60

Dibromochloromethane

Concen: 19.916 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX027484.D

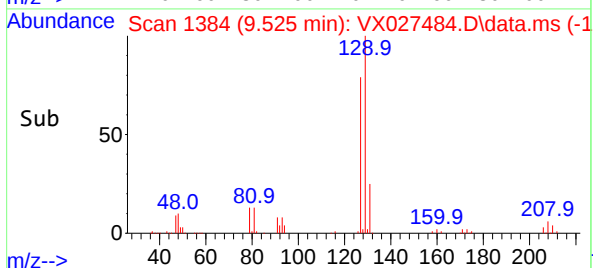
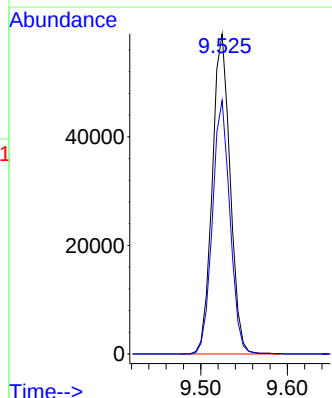
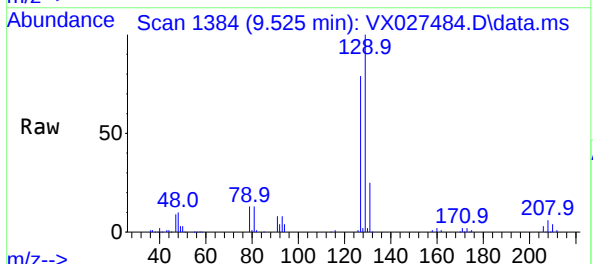
Acq: 17 Mar 2022 12:59

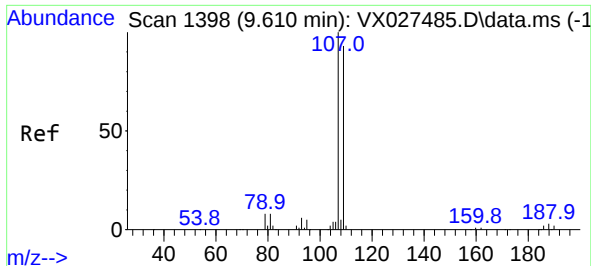
Tgt Ion:129 Resp: 84506

Ion Ratio Lower Upper

129 100

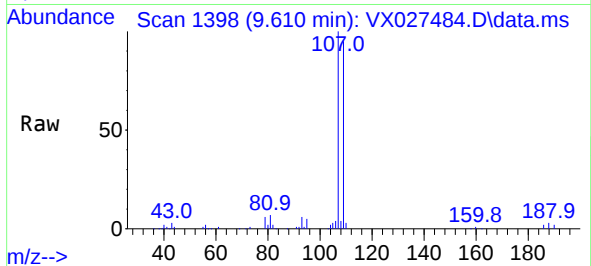
127 77.7 40.3 120.8





#61
1,2-Dibromoethane
Concen: 19.968 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

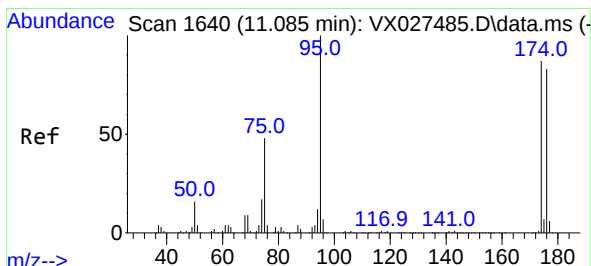
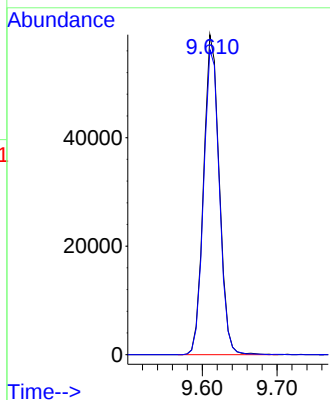
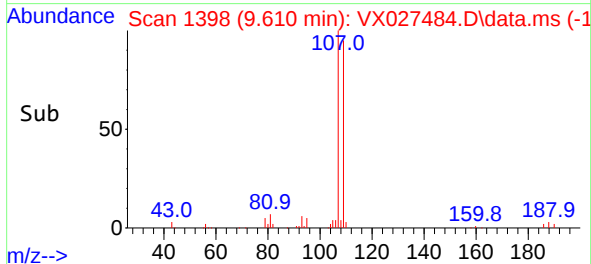
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



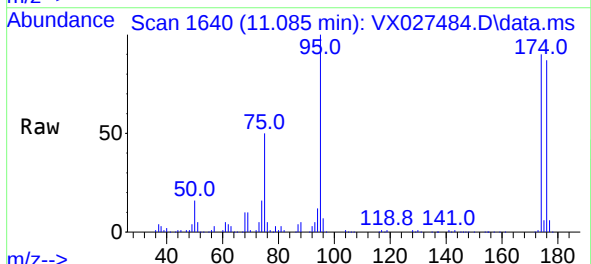
Tgt Ion:107 Resp: 85732
Ion Ratio Lower Upper
107 100
109 96.2 74.4 111.6

Manual Integrations
APPROVED

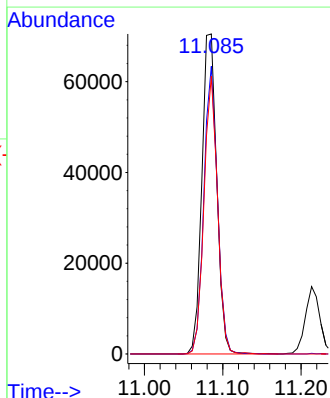
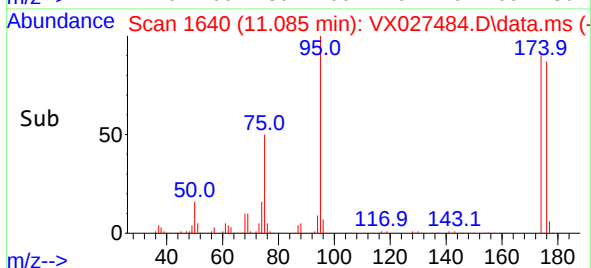
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
4-Bromofluorobenzene
Concen: 17.464 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



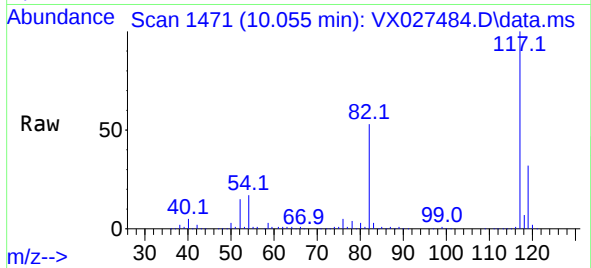
Tgt Ion: 95 Resp: 92863
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.0
176 79.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

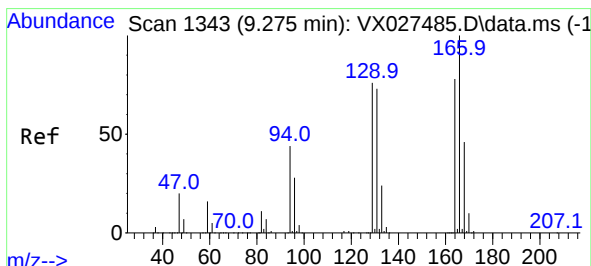
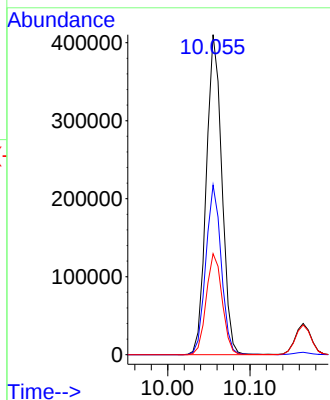
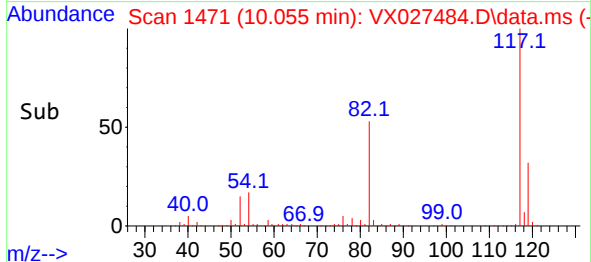
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



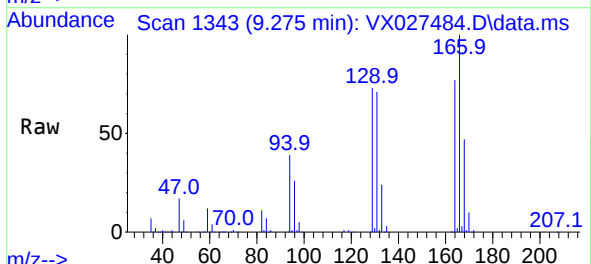
Tgt Ion:117 Resp: 53972
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 31.5 24.8 37.2

Manual Integrations
APPROVED

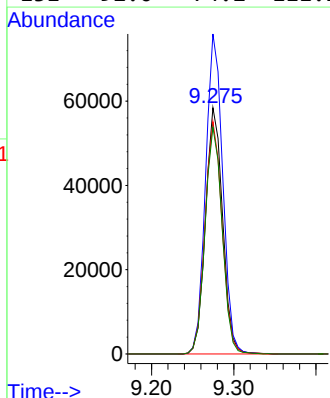
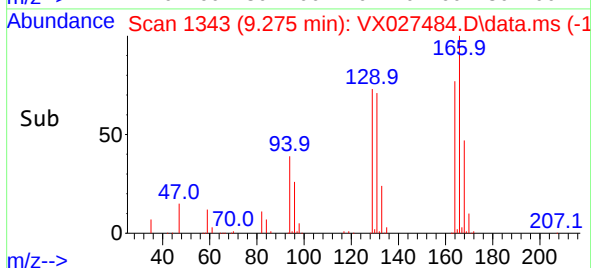
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

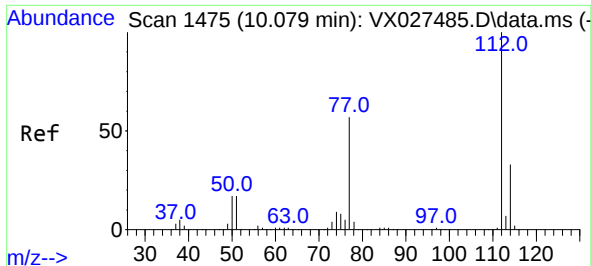


#64
Tetrachloroethene
Concen: 22.394 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion:164 Resp: 84700
Ion Ratio Lower Upper
164 100
166 130.0 101.2 151.8
129 94.4 73.0 109.4
131 92.0 74.2 111.2





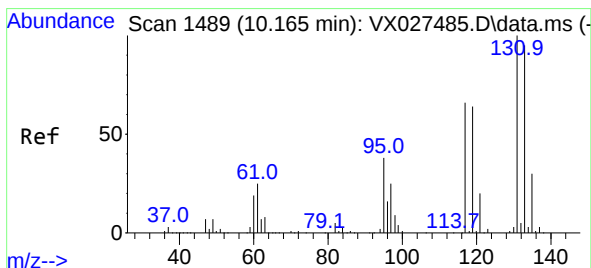
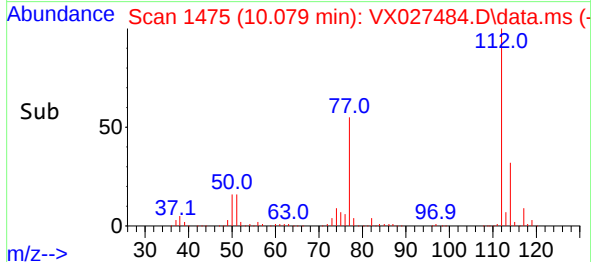
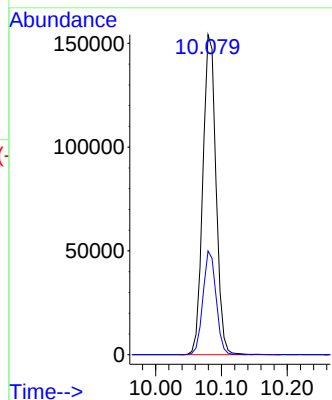
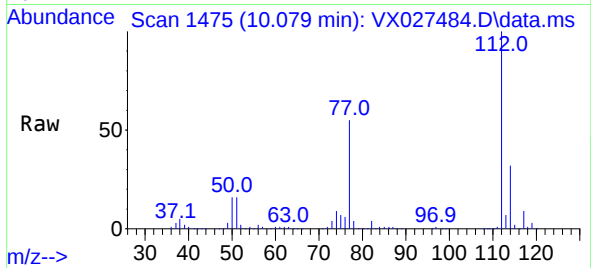
#65
Chlorobenzene
Concen: 18.893 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 21452
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

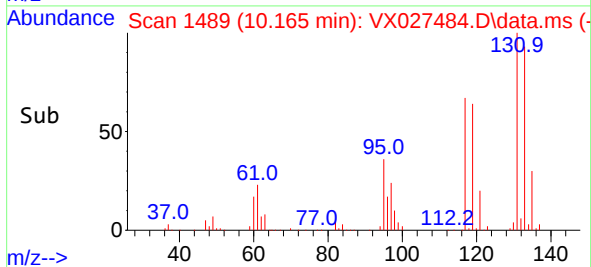
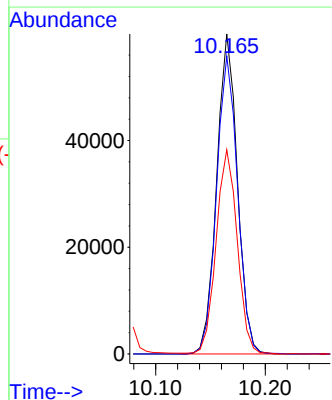
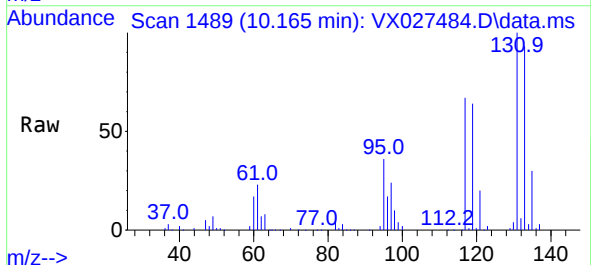
Manual Integrations
APPROVED

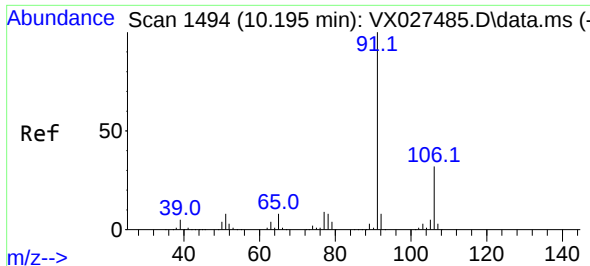
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.801 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

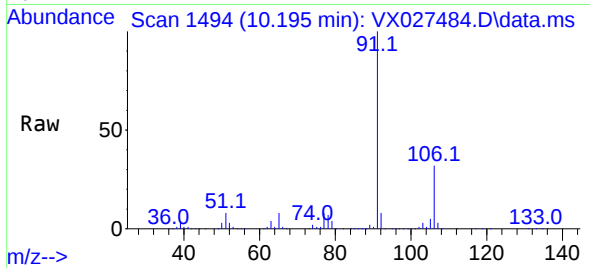
Tgt Ion:131 Resp: 78611
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.8
119 65.3 32.6 98.0





#67
Ethyl Benzene
Concen: 18.809 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

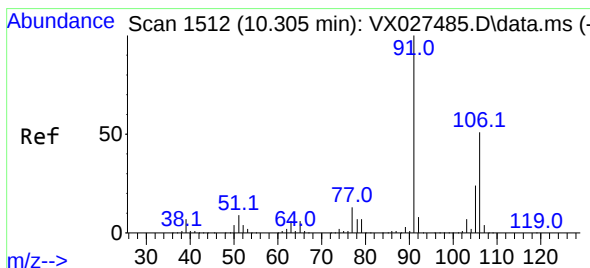
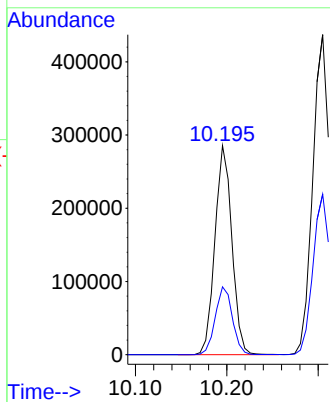
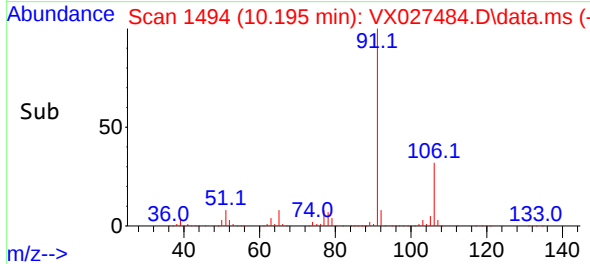
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



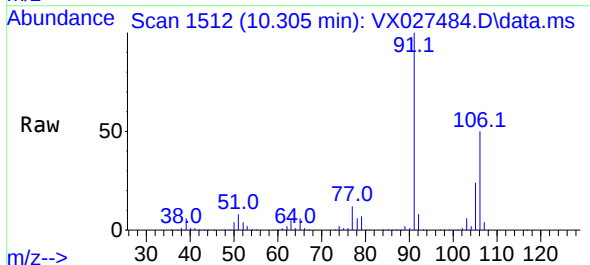
Tgt Ion: 91 Resp: 36832
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8

Manual Integrations
APPROVED

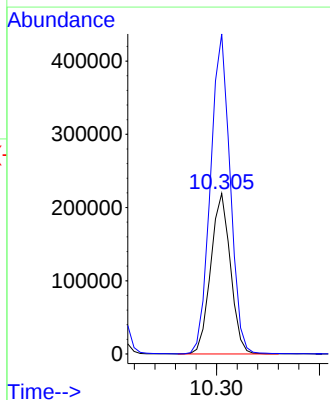
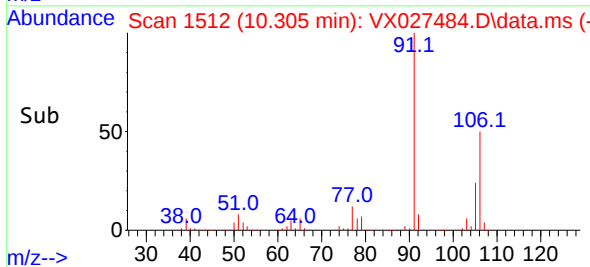
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

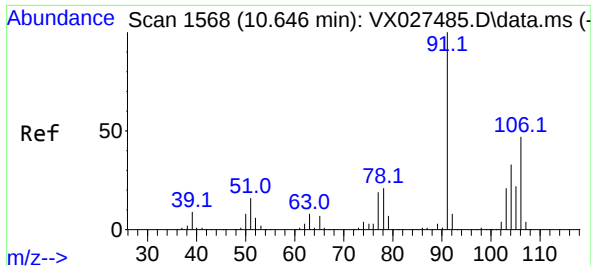


#68
m/p-Xylenes
Concen: 37.812 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion:106 Resp: 290433
Ion Ratio Lower Upper
106 100
91 199.9 160.4 240.6





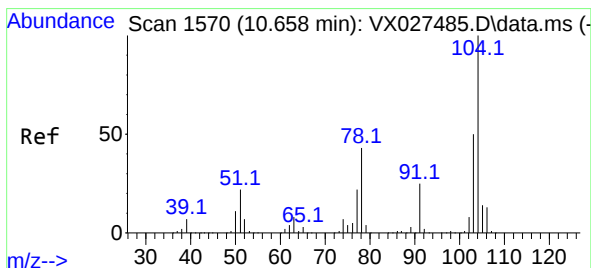
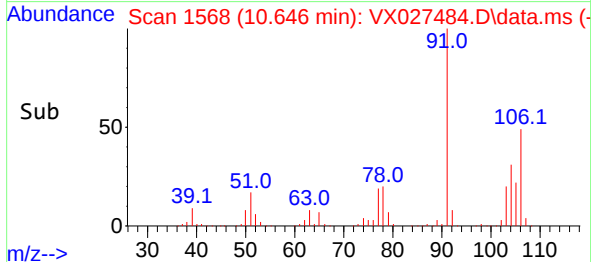
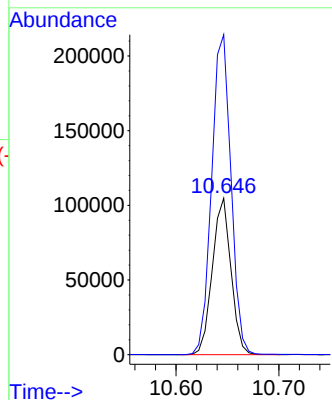
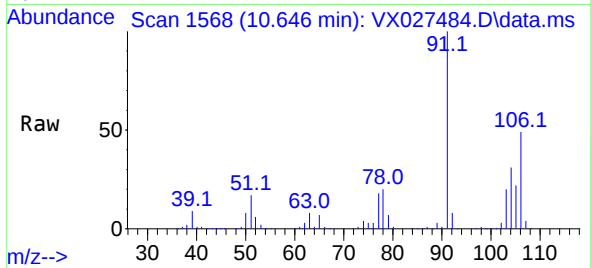
#69
o-Xylene
Concen: 17.403 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 13197
Ion Ratio Lower Upper
106 100
91 212.3 106.1 318.1

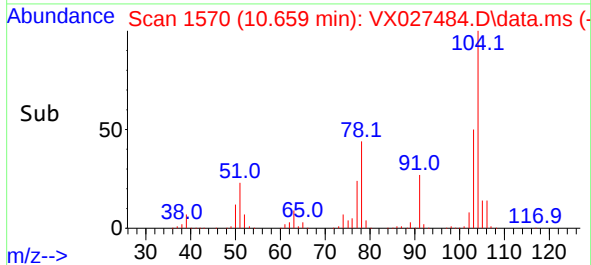
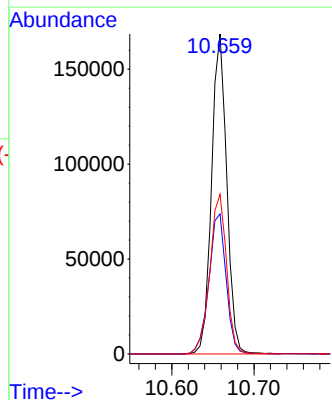
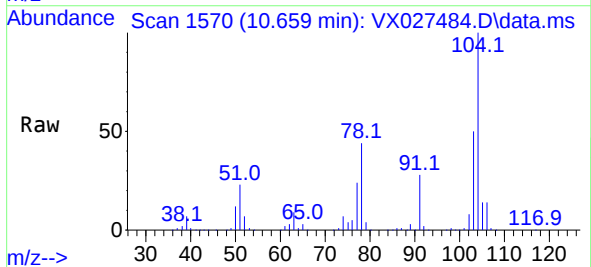
Manual Integrations
APPROVED

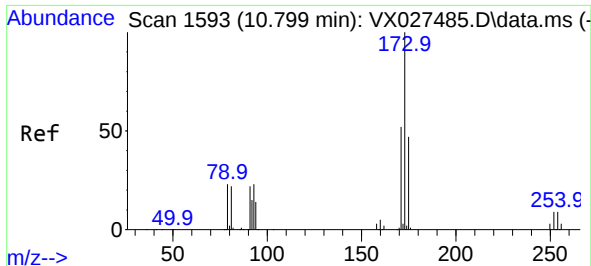
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
Styrene
Concen: 17.140 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

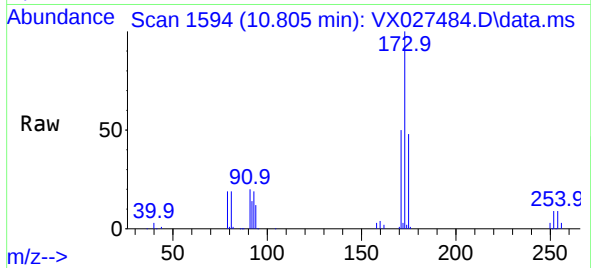
Tgt Ion:104 Resp: 215747
Ion Ratio Lower Upper
104 100
78 49.7 38.6 57.8
103 55.1 43.8 65.8





#71
Bromoform
Concen: 17.911 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

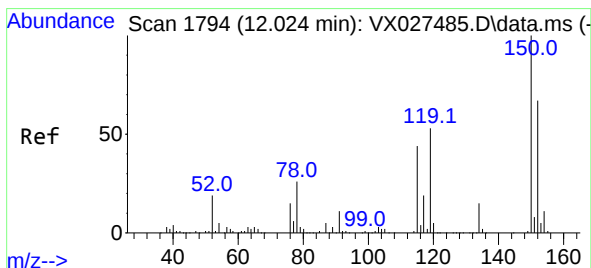
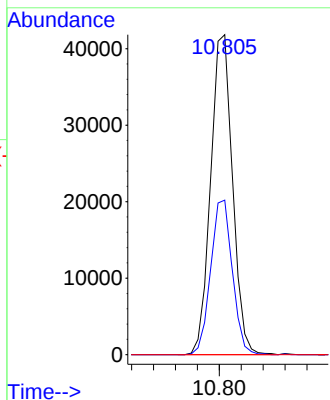
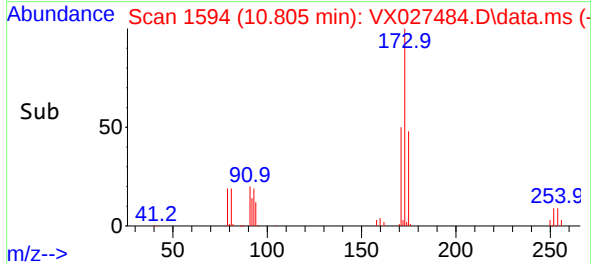
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



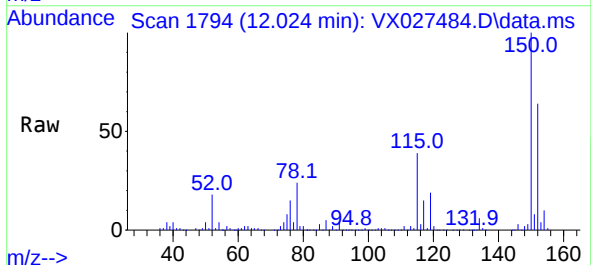
Tgt Ion:173 Resp: 5807
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

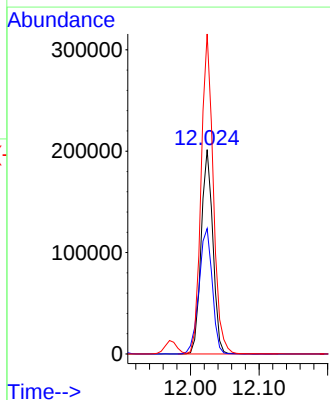
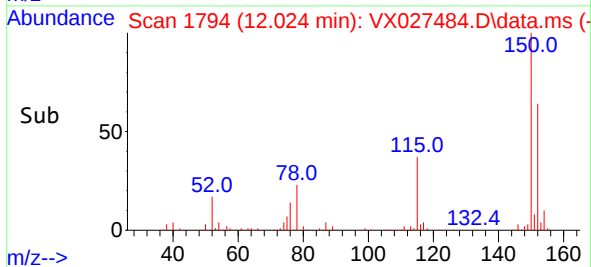
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

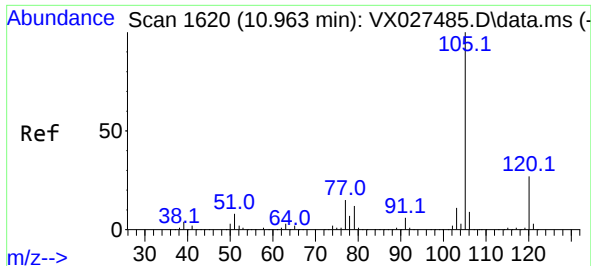


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



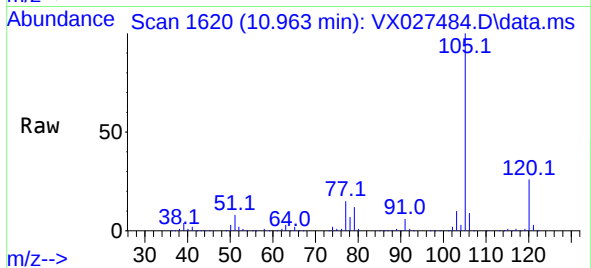
Tgt Ion:152 Resp: 239719
Ion Ratio Lower Upper
152 100
115 69.5 37.5 112.7
150 162.4 0.0 338.2





#73
Isopropylbenzene
Concen: 19.749 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

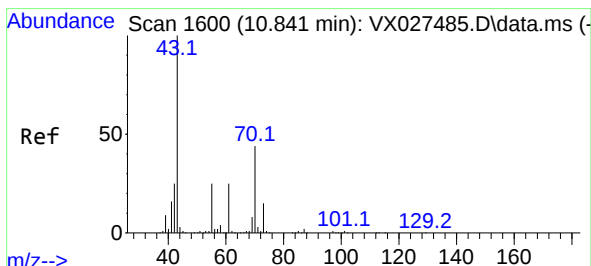
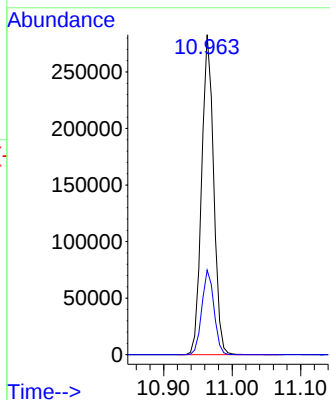
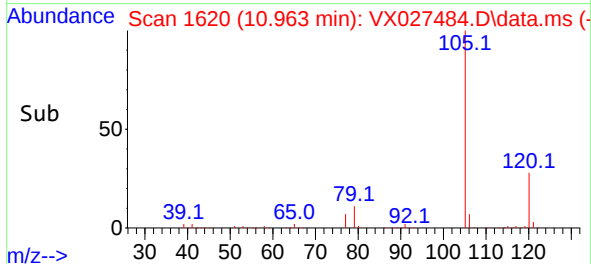
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



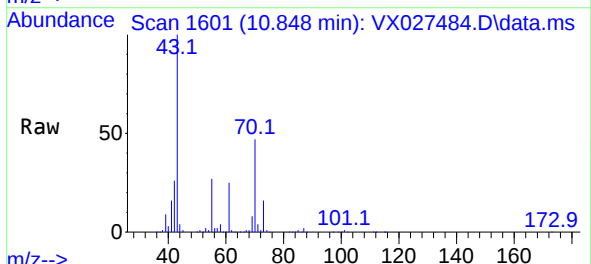
Tgt Ion:105 Resp: 346248
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

Manual Integrations
APPROVED

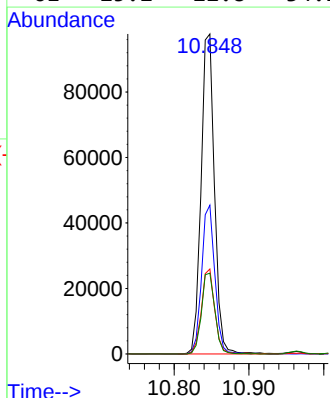
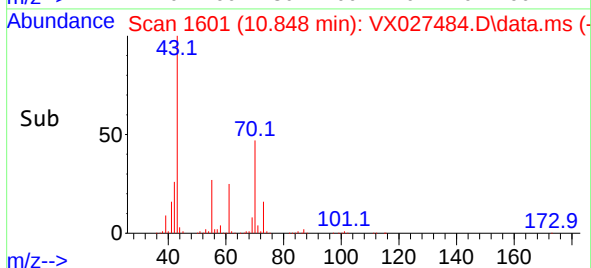
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

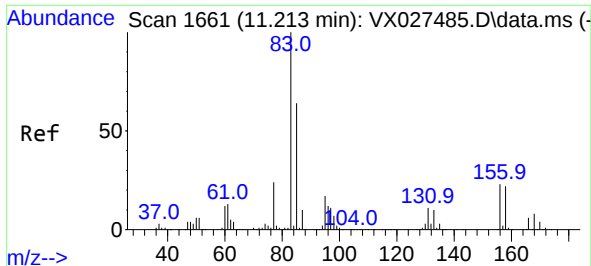


#74
N-ethyl acetate
Concen: 18.995 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 43 Resp: 121717
Ion Ratio Lower Upper
43 100
70 45.8 42.5 63.7
55 26.3 23.1 34.7
61 25.2 22.8 34.2





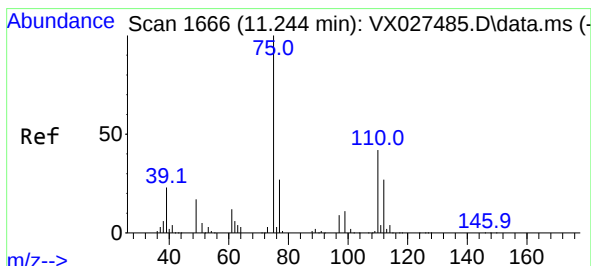
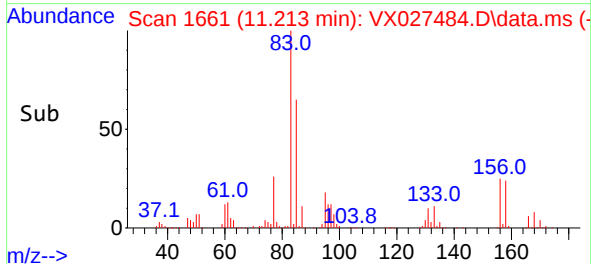
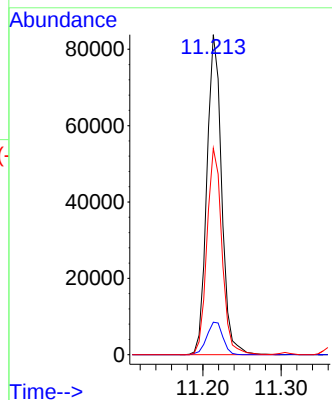
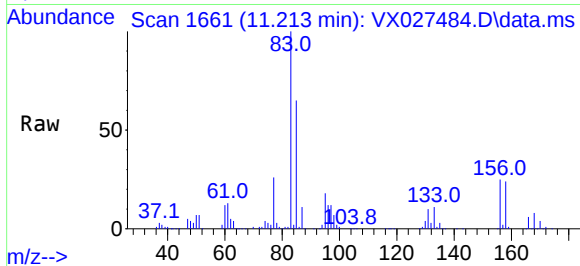
#75
1,1,2,2-Tetrachloroethane
Concen: 18.155 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 10937
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 65.5 32.6 97.7

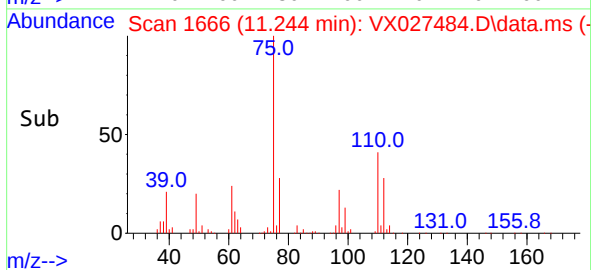
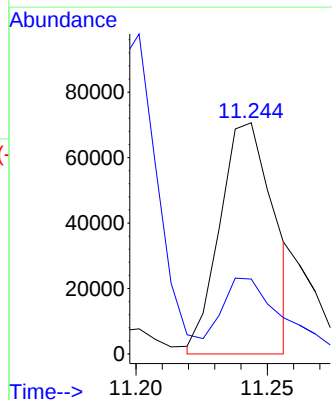
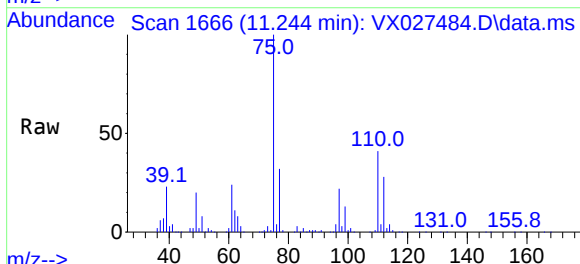
Manual Integrations
APPROVED

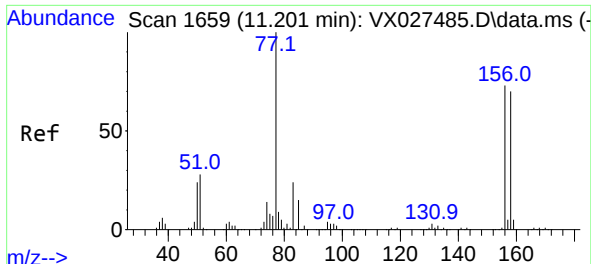
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#76
1,2,3-Trichloropropane
Concen: 19.098 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

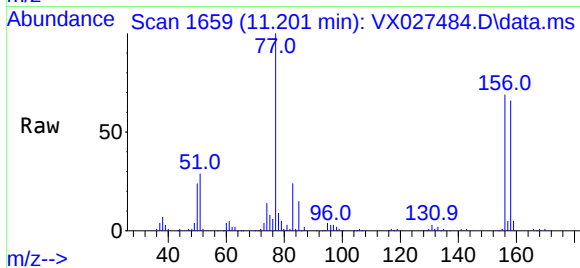
Tgt Ion: 75 Resp: 100448
Ion Ratio Lower Upper
75 100
77 37.3 19.4 58.2





#77
Bromobenzene
Concen: 19.383 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

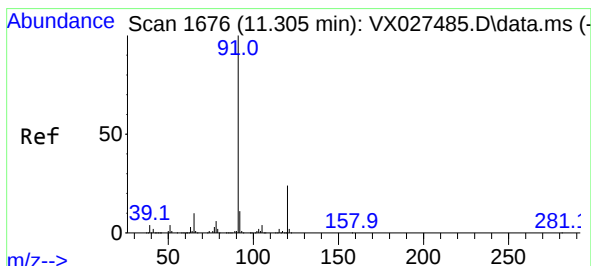
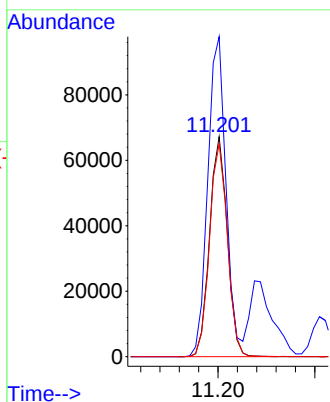
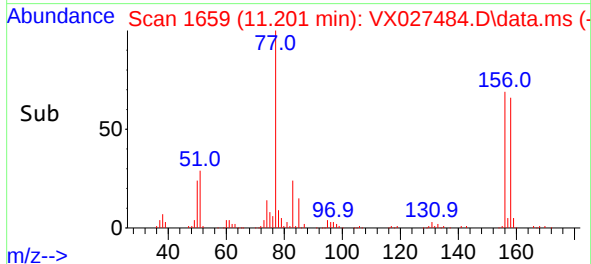
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



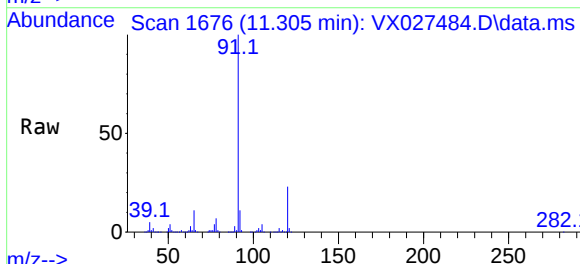
Tgt Ion:156 Resp: 85752
Ion Ratio Lower Upper
156 100
77 149.3 78.5 235.3
158 97.4 50.2 150.7

Manual Integrations
APPROVED

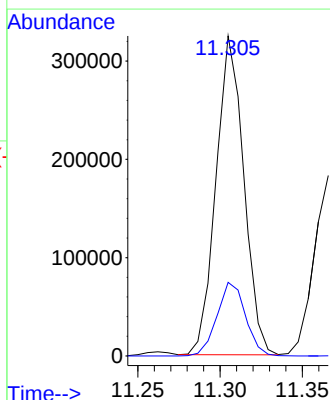
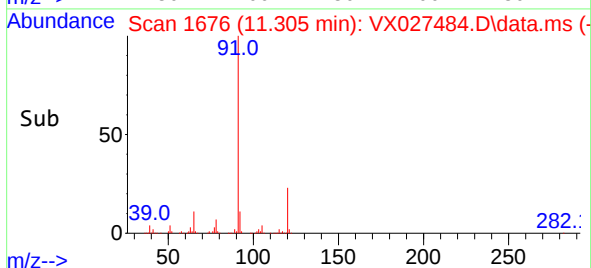
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

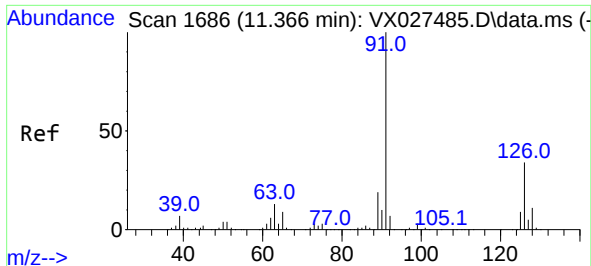


#78
n-propylbenzene
Concen: 19.330 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion: 91 Resp: 381207
Ion Ratio Lower Upper
91 100
120 23.8 11.6 34.8





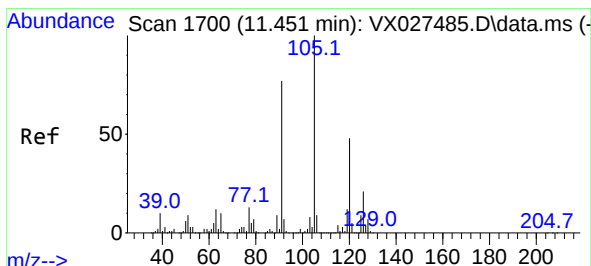
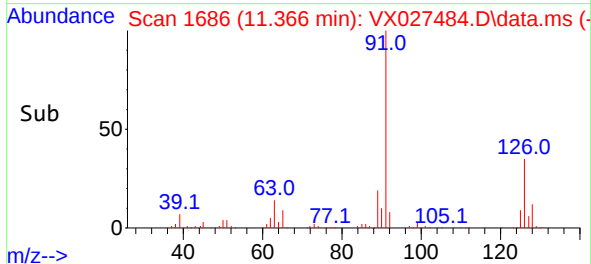
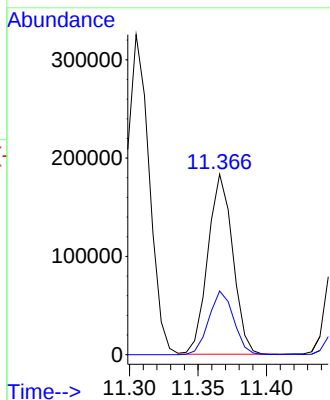
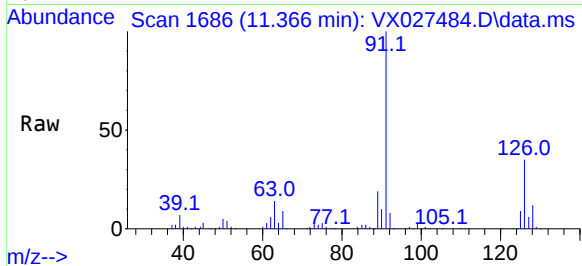
#79
2-Chlorotoluene
Concen: 18.809 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 231830
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

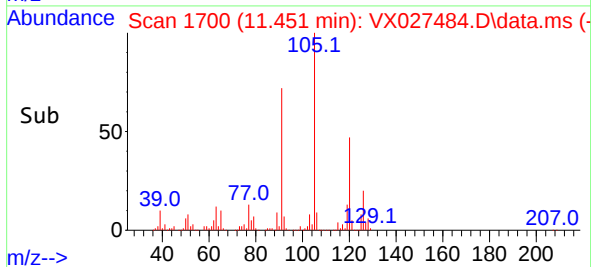
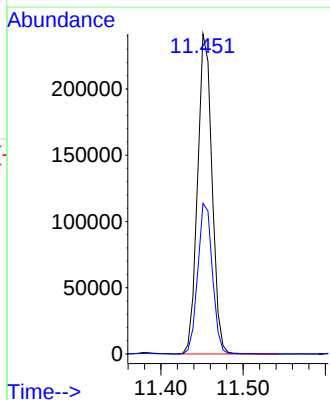
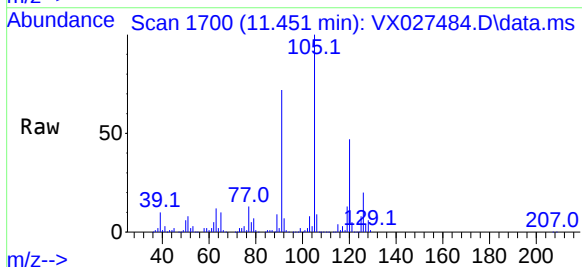
Manual Integrations
APPROVED

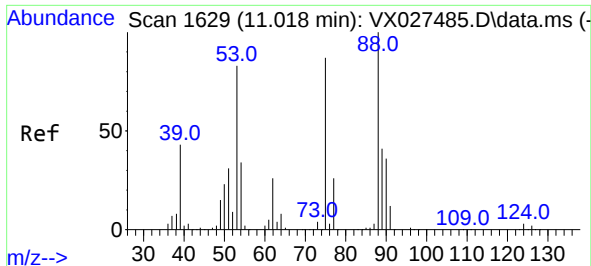
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.587 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion:105 Resp: 294410
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





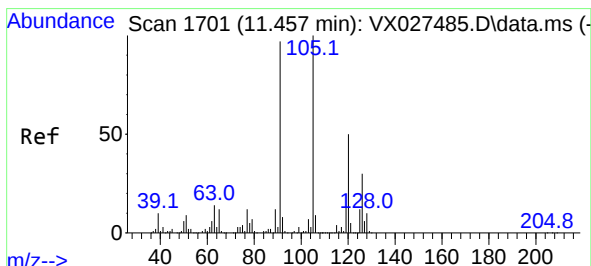
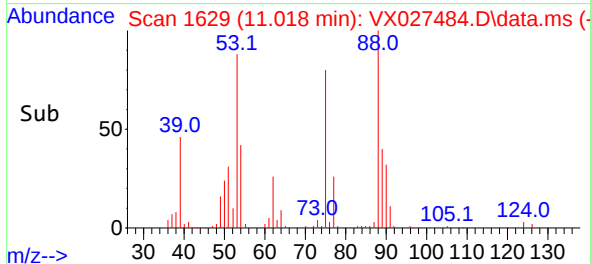
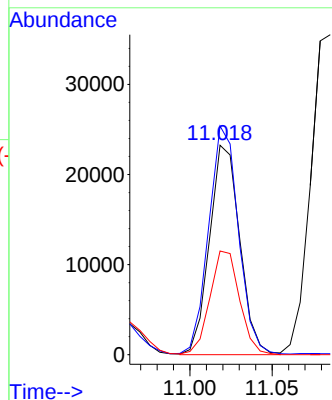
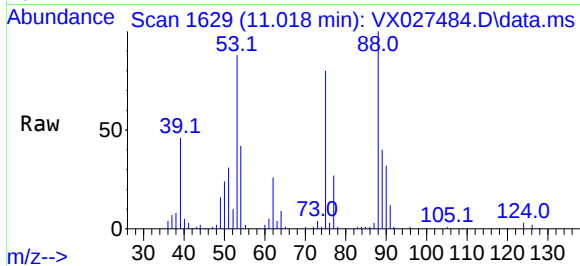
#81
trans-1,4-Dichloro-2-butene
Concen: 18.283 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 2973
Ion Ratio Lower Upper
75 100
53 107.1 69.0 103.4
89 48.6 37.0 55.6

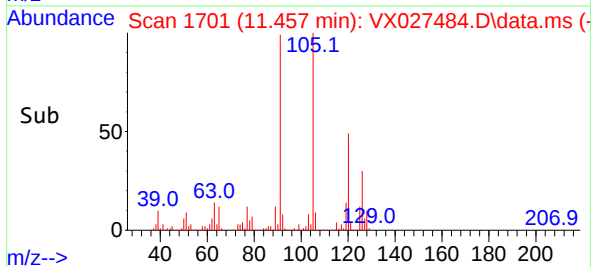
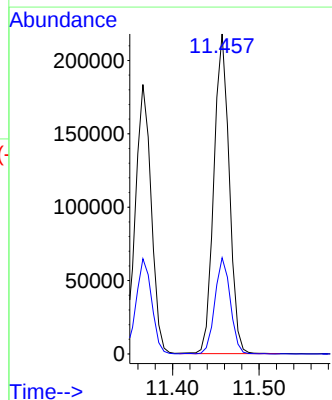
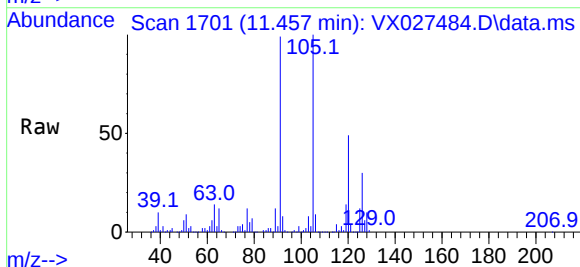
Manual Integrations
APPROVED

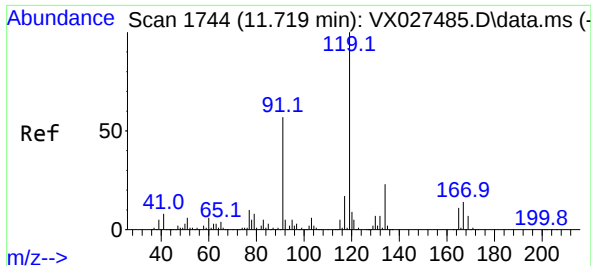
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#82
4-Chlorotoluene
Concen: 19.243 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion: 91 Resp: 268301
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.5





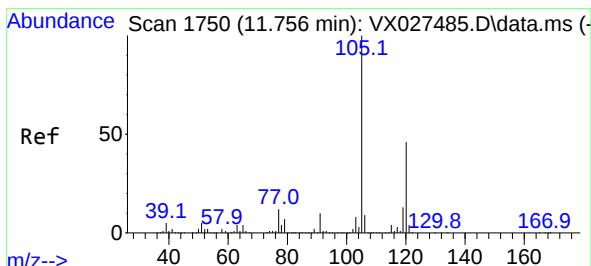
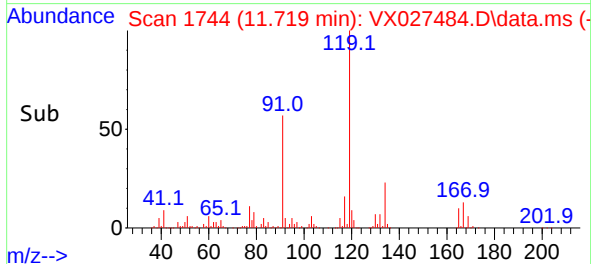
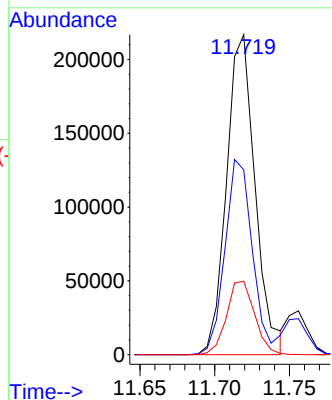
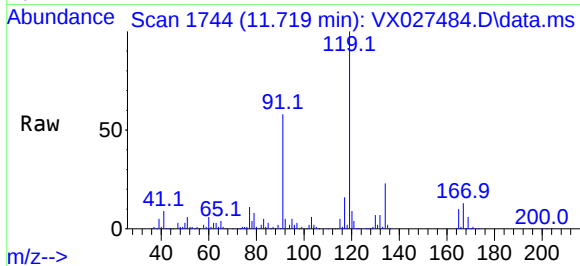
#83
tert-Butylbenzene
Concen: 19.214 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 288679
Ion Ratio Lower Upper
119 100
91 58.1 26.9 80.6
134 22.5 11.4 34.2

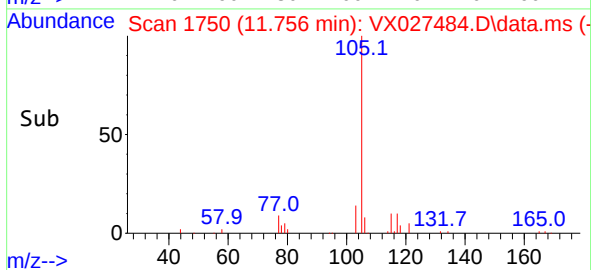
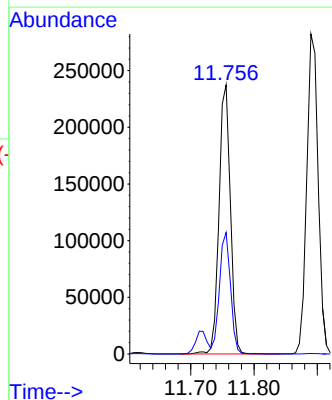
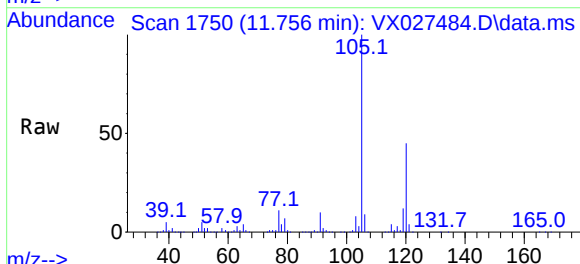
Manual Integrations
APPROVED

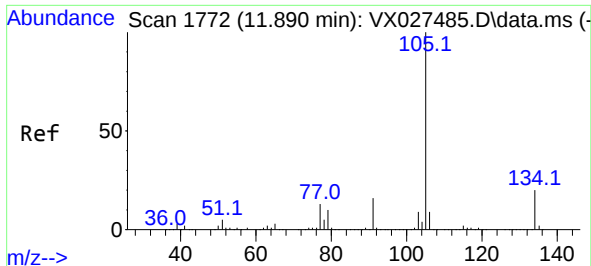
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.775 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion:105 Resp: 294794
Ion Ratio Lower Upper
105 100
120 43.9 22.6 67.8





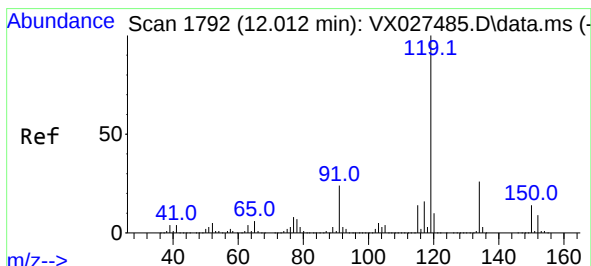
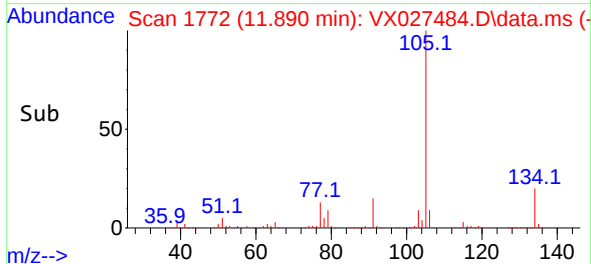
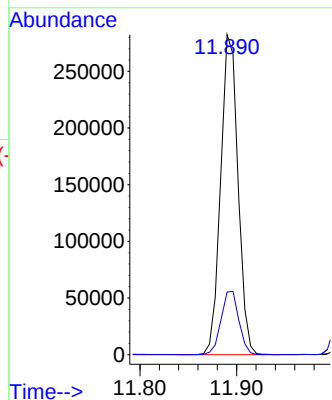
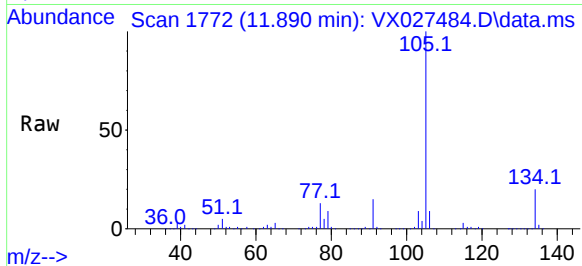
#85
 sec-Butylbenzene
 Concen: 19.343 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027484.D
 Acq: 17 Mar 2022 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 35051
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

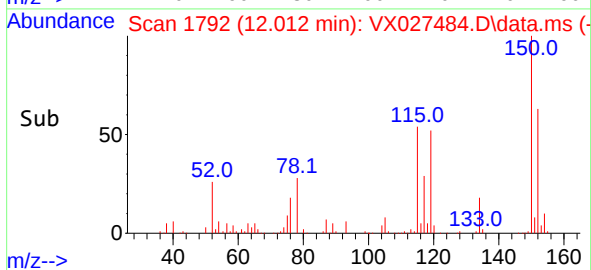
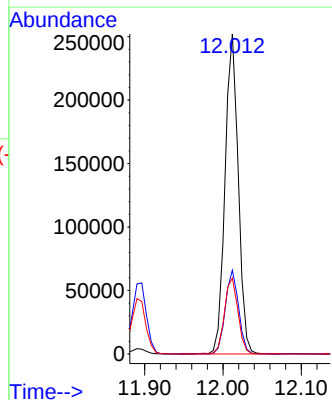
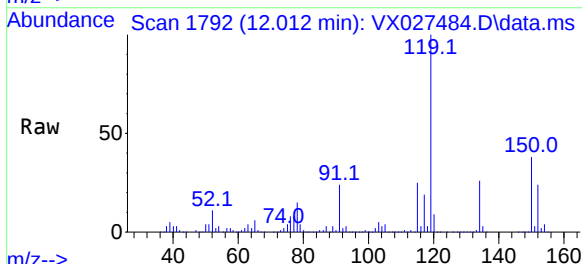
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

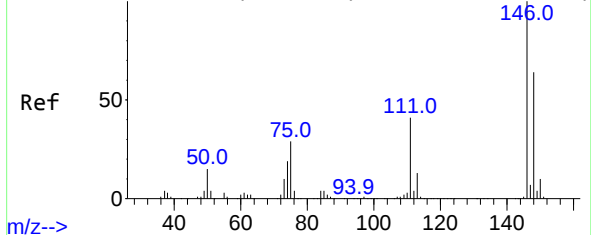


#86
 p-Isopropyltoluene
 Concen: 19.354 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027484.D
 Acq: 17 Mar 2022 12:59

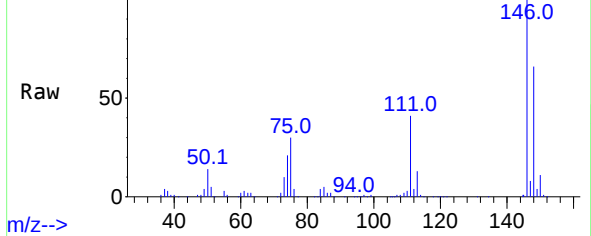
Tgt Ion:119 Resp: 296920
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.3 11.3 33.9



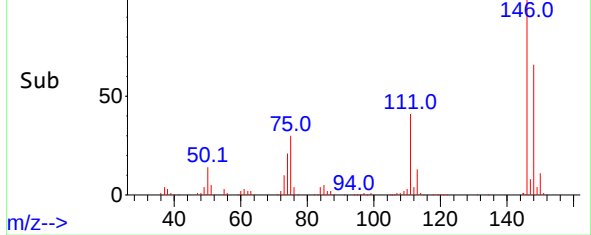
Abundance Scan 1785 (11.969 min): VX027485.D\data.ms (-



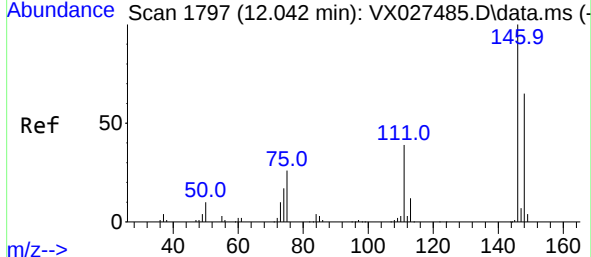
m/z--> Abundance Scan 1785 (11.969 min): VX027484.D\data.ms



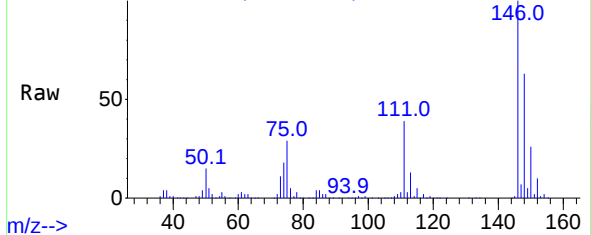
m/z--> Abundance Scan 1785 (11.969 min): VX027484.D\data.ms (-



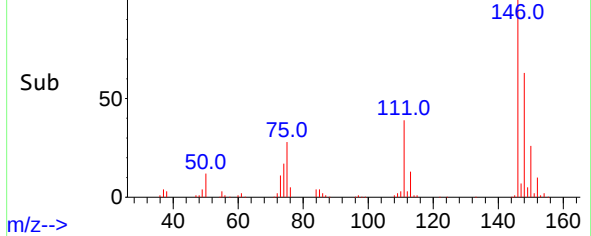
m/z--> Abundance Scan 1797 (12.042 min): VX027485.D\data.ms (-



m/z--> Abundance Scan 1797 (12.042 min): VX027484.D\data.ms



m/z--> Abundance Scan 1797 (12.042 min): VX027484.D\data.ms (-



m/z--> Abundance Scan 1797 (12.042 min): VX027484.D\data.ms (-

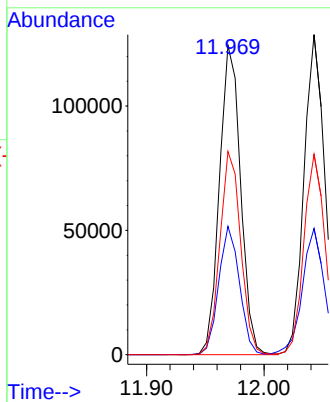
#87
1,3-Dichlorobenzene
Concen: 18.776 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 156058
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.1
148 64.7 31.6 94.7

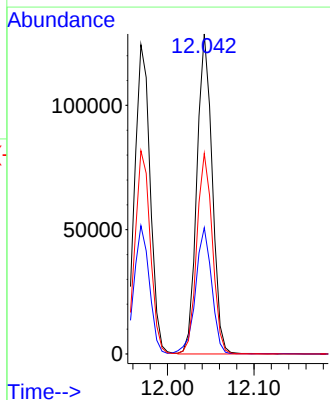
Manual Integrations
APPROVED

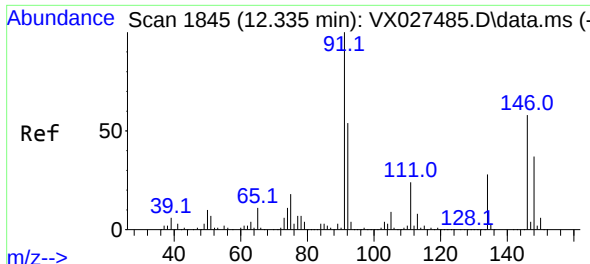
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#88
1,4-Dichlorobenzene
Concen: 18.812 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion:146 Resp: 158307
Ion Ratio Lower Upper
146 100
111 41.3 19.2 57.6
148 64.0 32.3 96.9





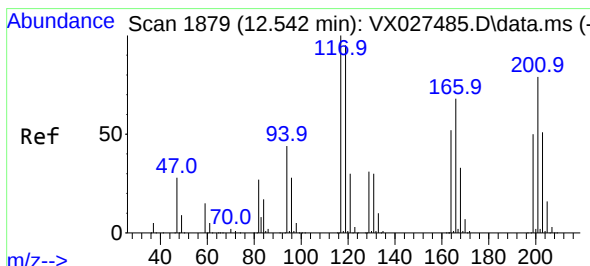
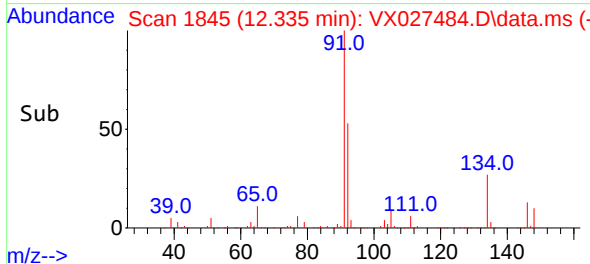
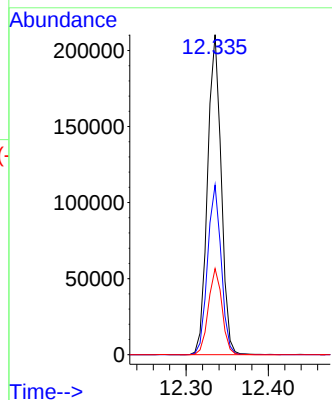
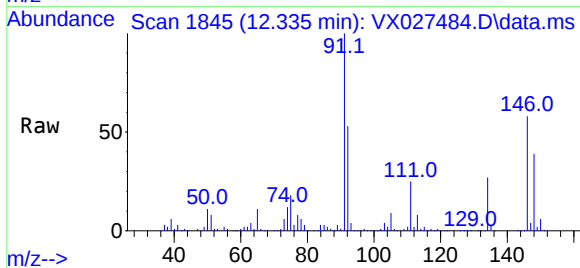
#89
n-Butylbenzene
Concen: 18.861 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 242372
Ion Ratio Lower Upper
91 100
92 52.9 27.8 83.3
134 26.8 13.3 39.8

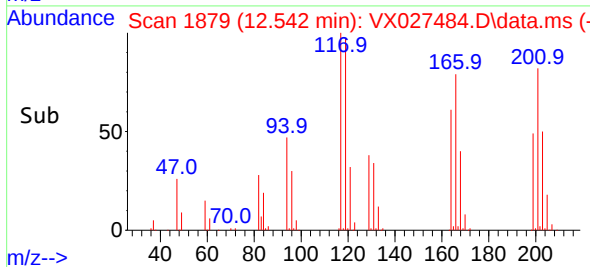
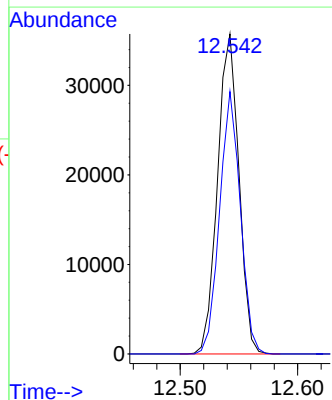
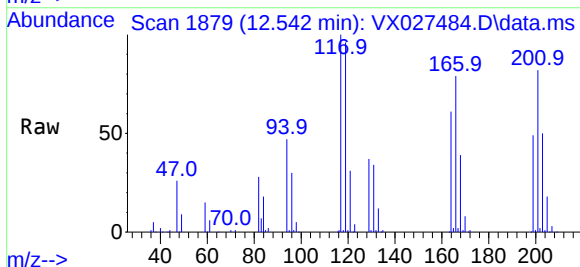
Manual Integrations
APPROVED

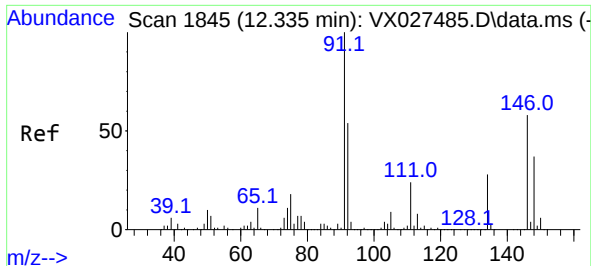
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#90
Hexachloroethane
Concen: 18.899 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion:117 Resp: 45192
Ion Ratio Lower Upper
117 100
201 79.5 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 18.888 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :

MSVOA_X

ClientSampleId :

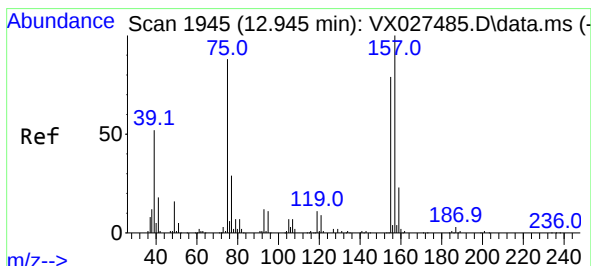
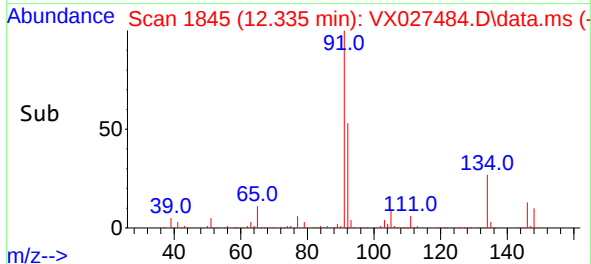
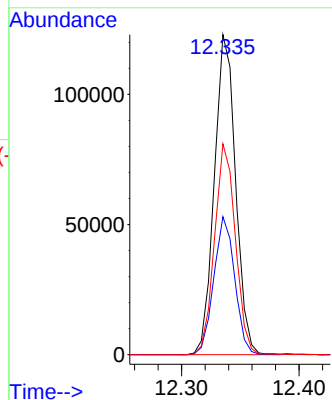
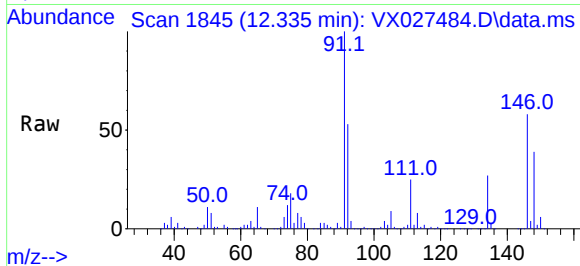
VSTDIC020

Tgt Ion:146 Resp: 154790
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 64.8 32.6 97.7

Manual Integrations

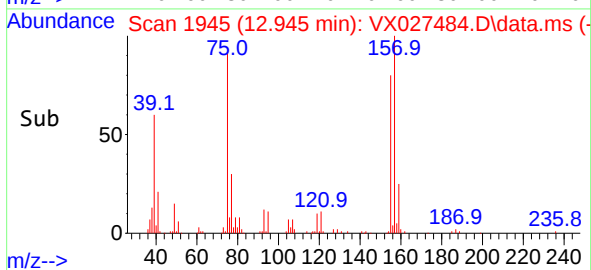
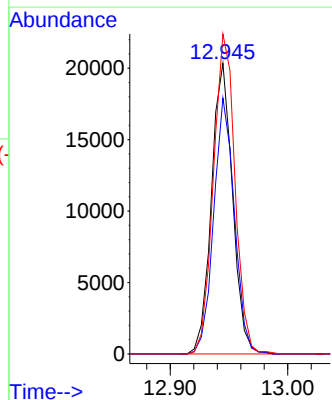
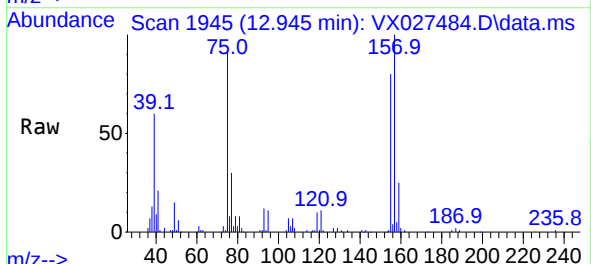
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.125 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Tgt Ion: 75 Resp: 25403
Ion Ratio Lower Upper
75 100
155 86.3 47.0 141.2
157 112.6 57.9 173.6





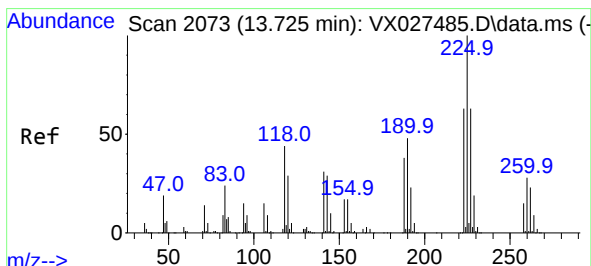
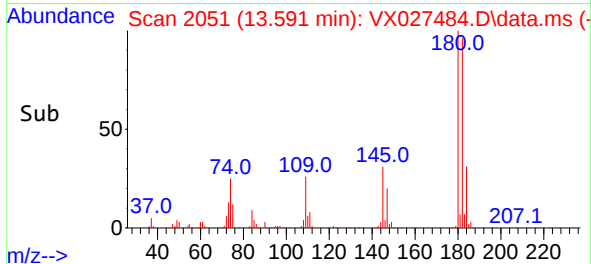
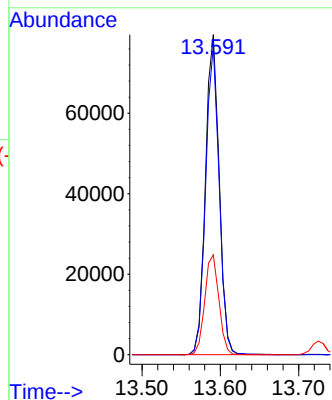
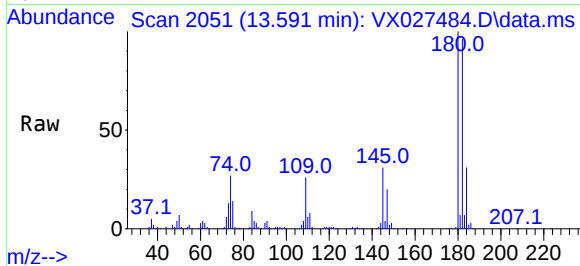
#93
1,2,4-Trichlorobenzene
Concen: 17.943 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 9652
Ion Ratio Lower Upper
180 100
182 94.8 47.7 143.1
145 32.0 15.2 45.5

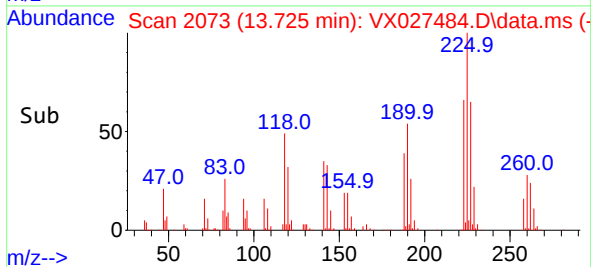
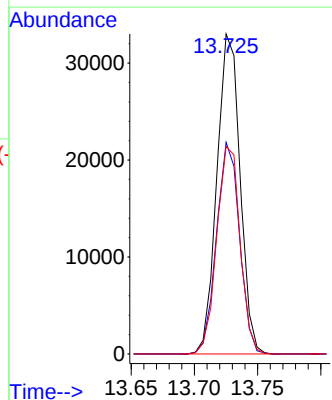
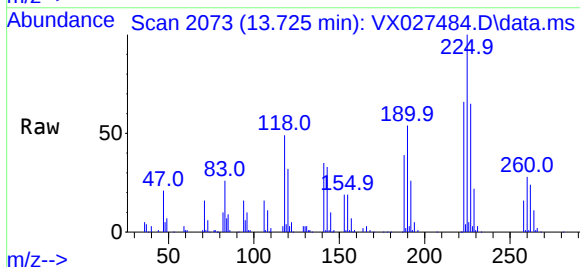
Manual Integrations
APPROVED

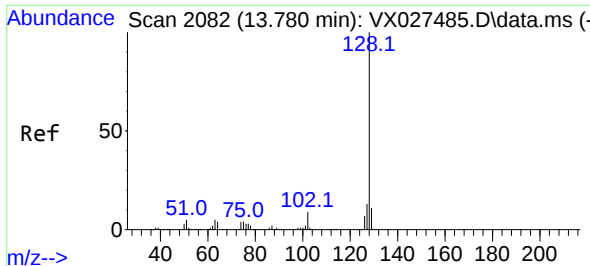
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#94
Hexachlorobutadiene
Concen: 17.786 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

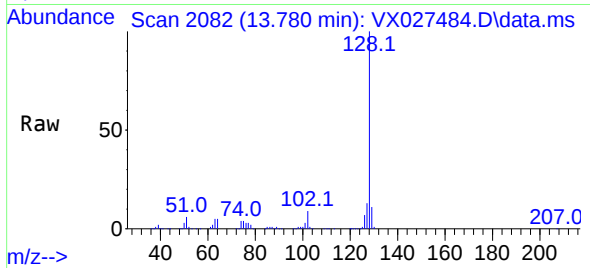
Tgt Ion:225 Resp: 41952
Ion Ratio Lower Upper
225 100
223 65.7 34.2 102.5
227 65.3 33.9 101.7





#95
Naphthalene
Concen: 18.539 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59

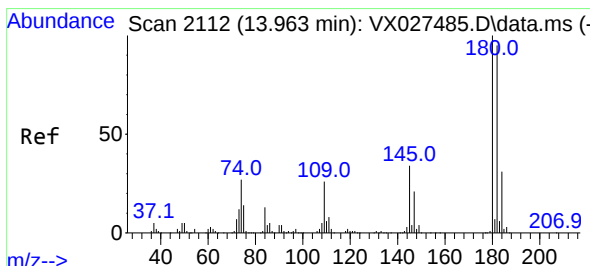
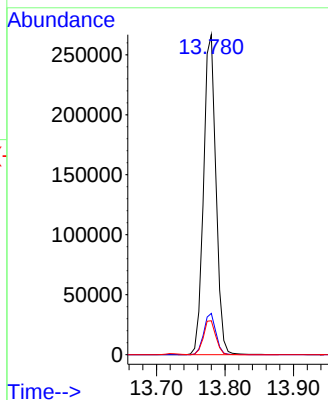
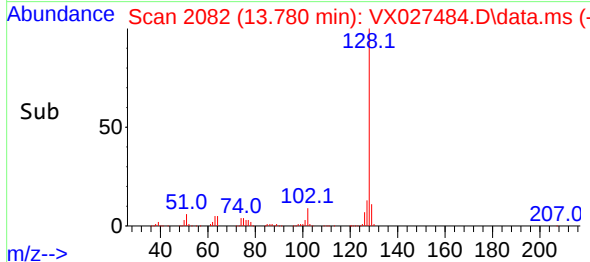
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



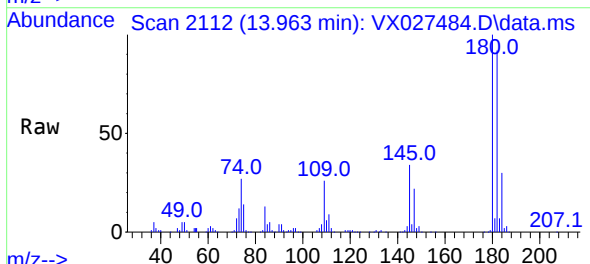
Tgt Ion:128 Resp: 334800
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.328 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027484.D
Acq: 17 Mar 2022 12:59



Tgt Ion:180 Resp: 98526
Ion Ratio Lower Upper
180 100
182 93.8 50.0 149.8
145 33.9 16.2 48.5

