

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026444.D
 Acq On : 14 Jan 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 17 05:54:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	19539	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	108964	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93824	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	47334	30.127	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.433%	
60) 4-Bromofluorobenzene	11.079	95	48545	31.003	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.333%	
63) Toluene-d8	8.647	98	130400	30.254	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.833%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	25489	21.659	ug/l	96
3) Chloromethane	1.294	50	22370	21.757	ug/l	99
4) Vinyl Chloride	1.380	62	23747	20.893	ug/l	96
5) Bromomethane	1.617	94	11048	21.589	ug/l	95
6) Chloroethane	1.691	64	13653	21.168	ug/l	99
7) Trichlorofluoromethane	1.892	101	36863	20.464	ug/l	99
8) Diethyl Ether	2.136	74	13126	20.422	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	23873	21.233	ug/l	99
10) 1,1-Dichloroethene	2.325	96	21731	20.690	ug/l	98
11) Methyl Iodide	2.453	142	24415	21.404	ug/l	99
12) Methyl Acetate	2.709	43	45677	20.759	ug/l	97
13) Acrolein	2.239	56	20240	88.758	ug/l	97
14) Acrylonitrile	3.068	53	65029	105.954	ug/l	100
15) Acetone	2.386	58	28203	146.289	ug/l	99
16) Carbon Disulfide	2.514	76	60303	20.331	ug/l	99
17) Allyl chloride	2.666	41	41742	20.651	ug/l	99
18) Methylene Chloride	2.794	84	23788	20.563	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	24122	21.366	ug/l	97
20) Diisopropyl ether	3.757	45	81007	20.620	ug/l #	87
21) 1,1-Dichloroethane	3.611	63	44363	20.511	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	27060	20.486	ug/l	98
23) tert-Butyl Alcohol	2.977	59	22652	101.753	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	78482	20.093	ug/l	98
25) Chloroform	5.098	83	46350	20.681	ug/l	99
26) Cyclohexane	5.476	56	41121	20.785	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	34445	20.467	ug/l	100
30) 2-Butanone	4.556	43	115672	118.352	ug/l	99
31) 2,2-Dichloropropane	4.477	77	33490	19.212	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	41145	20.082	ug/l	99
33) Carbon Tetrachloride	5.678	117	36788	20.268	ug/l	98
34) Benzene	6.043	78	95912	20.554	ug/l	99
35) Methacrylonitrile	4.922	41	21209	20.711	ug/l	95
36) 1,2-Dichloroethane	6.086	62	38708	20.538	ug/l	100
37) Trichloroethene	7.129	130	27291	20.250	ug/l	99
38) Methylcyclohexane	7.379	83	41304	20.480	ug/l	99
39) 1,2-Dichloropropane	7.427	63	24544	20.569	ug/l	99
40) Dibromomethane	7.580	93	17370	20.722	ug/l	99
41) Bromodichloromethane	7.824	83	35400	20.462	ug/l	94
42) Vinyl Acetate	3.721	43	304448	100.542	ug/l	100

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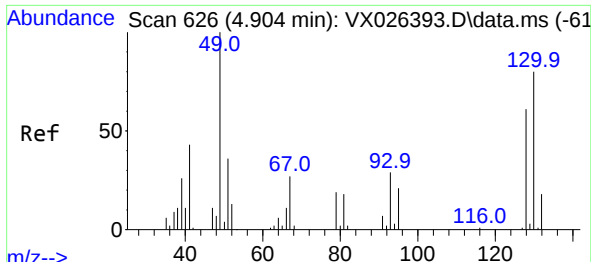
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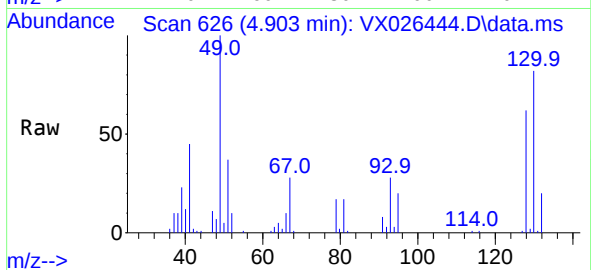
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	35995	20.256	ug/l	98
44) Isopropyl Acetate	6.336	43	58057	19.794	ug/l	99
45) 1,4-Dioxane	7.683	88	11123	489.294	ug/l	98
46) Methyl methacrylate	7.689	41	28824	20.035	ug/l	98
47) n-amyl Acetate	10.841	43	44461	20.261	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	33930	19.642	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	38066	19.928	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	24356	21.132	ug/l	98
51) Ethyl methacrylate	9.116	69	36688	19.964	ug/l	98
52) 1,3-Dichloropropane	9.311	76	41929	20.992	ug/l	99
53) Dibromochloromethane	9.518	129	26152	20.877	ug/l	97
54) 1,2-Dibromoethane	9.610	107	24793	20.283	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	99854	101.578	ug/l	99
56) Bromoform	10.799	173	17694	21.277	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	187737	107.274	ug/l	99
59) 2-Hexanone	9.433	43	156705	115.642	ug/l	100
61) Tetrachloroethene	9.275	164	27924	20.193	ug/l	94
62) Toluene	8.720	91	102335	20.430	ug/l	99
64) Chlorobenzene	10.079	112	63475	20.873	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.165	131	23934	20.669	ug/l	99
66) Ethyl Benzene	10.195	91	116031	20.703	ug/l	100
67) m/p-Xylenes	10.299	106	88403	42.455	ug/l	99
68) o-Xylene	10.640	106	43048	21.316	ug/l	99
69) Styrene	10.658	104	71111	21.184	ug/l	99
70) Isopropylbenzene	10.963	105	115336	21.286	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	32532	22.032	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	33529m	22.390	ug/l	
73) Bromobenzene	11.201	156	26403	21.288	ug/l	99
74) n-propylbenzene	11.305	91	133220	21.286	ug/l	99
75) 2-Chlorotoluene	11.366	91	80658	21.453	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	97142	21.463	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9032	20.054	ug/l	97
78) 4-Chlorotoluene	11.457	91	92345	21.544	ug/l	98
79) tert-butylbenzene	11.713	119	90060	21.497	ug/l	99
80) 1,2,4-Trimethylbenzene	11.756	105	95320	21.322	ug/l	100
81) sec-Butylbenzene	11.890	105	119225	21.726	ug/l	100
82) p-Isopropyltoluene	12.012	119	100838	21.752	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	51328	22.236	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	50496	21.832	ug/l	100
85) n-Butylbenzene	12.335	91	87055	21.697	ug/l	100
86) Hexachloroethane	12.542	117	14713	21.022	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	48849	22.024	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	8088	21.468	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	31066	21.396	ug/l	99
90) Hexachlorobutadiene	13.725	225	13635	21.516	ug/l	97
91) Naphthalene	13.780	128	105557	21.030	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	30861	21.369	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

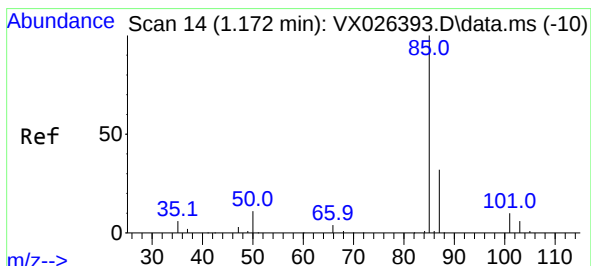
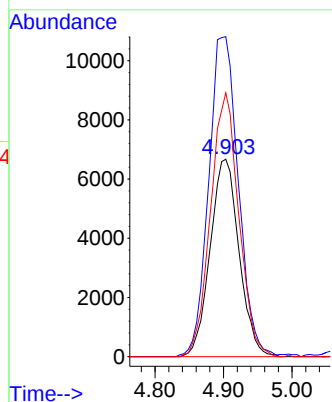
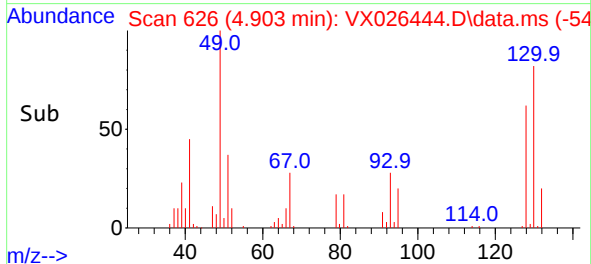
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



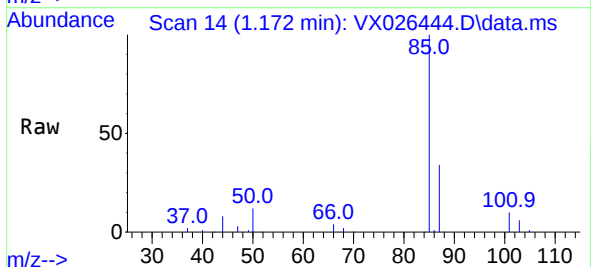
Tgt Ion:128 Resp: 19539
Ion Ratio Lower Upper
128 100
49 166.4 0.0 413.5
130 130.6 0.0 326.0

Manual Integrations
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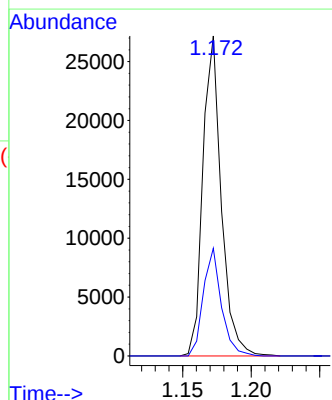
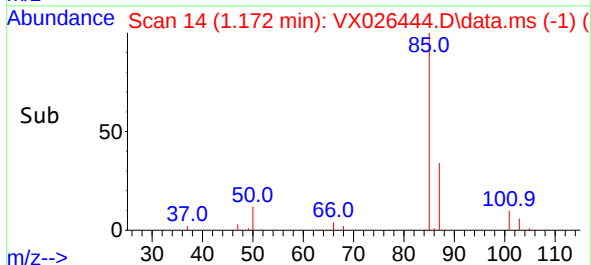
Reviewed By :John Carlone 01/17/2022
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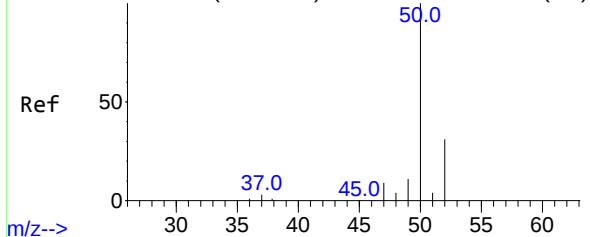
#2
Dichlorodifluoromethane
Concen: 21.659 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 85 Resp: 25489
Ion Ratio Lower Upper
85 100
87 33.7 15.8 47.3



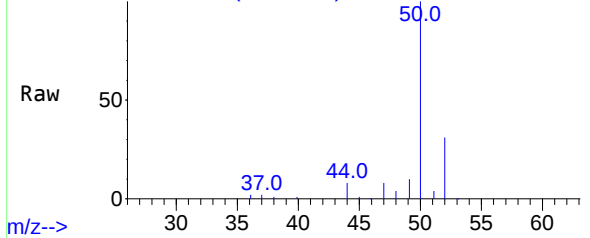
Abundance Scan 34 (1.294 min): VX026393.D\data.ms (-30)



#3
Chloromethane
Concen: 21.757 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Abundance Scan 34 (1.294 min): VX026444.D\data.ms

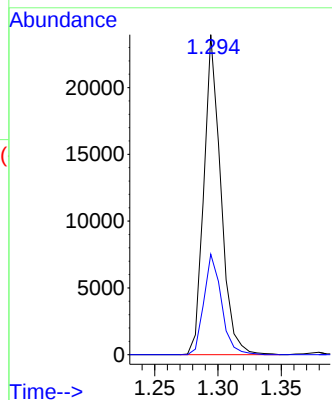
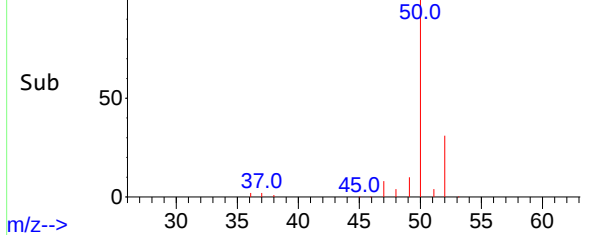


Tgt Ion: 50 Resp: 22370
Ion Ratio Lower Upper
50 100
52 31.4 24.8 37.2

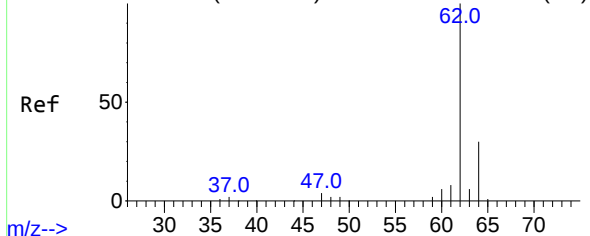
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Abundance Scan 34 (1.294 min): VX026444.D\data.ms (-1)



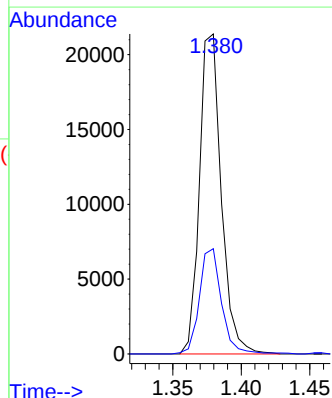
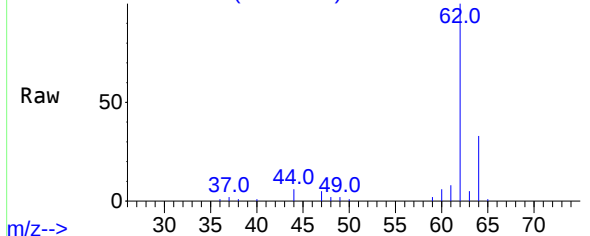
Abundance Scan 48 (1.380 min): VX026393.D\data.ms (-44)



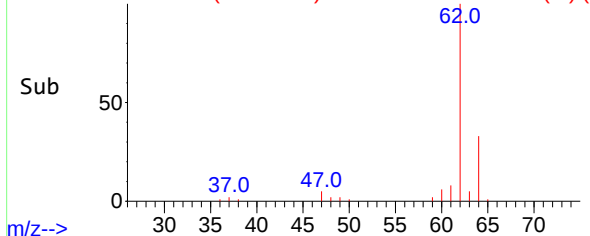
#4
Vinyl Chloride
Concen: 20.893 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

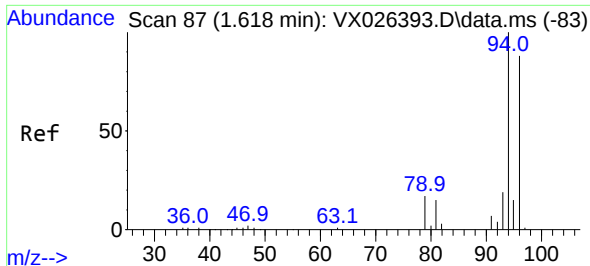
Tgt Ion: 62 Resp: 23747
Ion Ratio Lower Upper
62 100
64 32.6 24.4 36.6

Abundance Scan 48 (1.380 min): VX026444.D\data.ms



Abundance Scan 48 (1.380 min): VX026444.D\data.ms (-1)





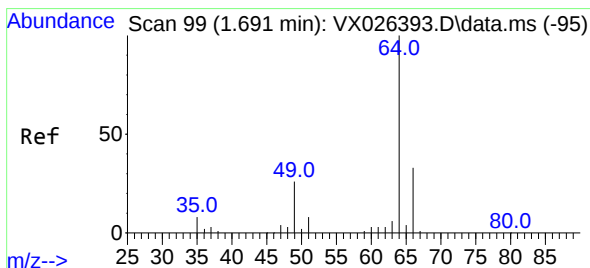
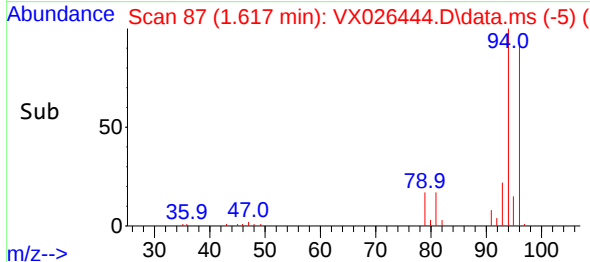
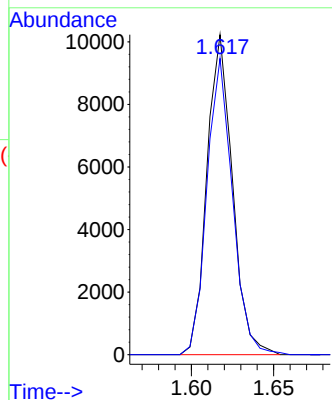
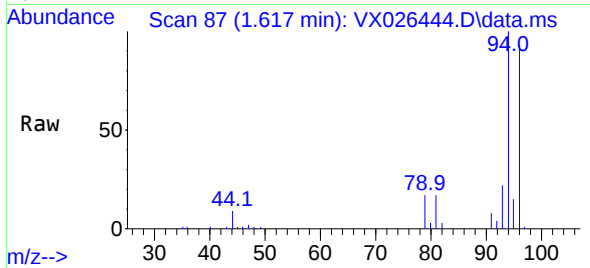
#5
Bromomethane
Concen: 21.589 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
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Tgt Ion: 94 Resp: 11048
Ion Ratio Lower Upper
94 100
96 92.6 70.3 105.5

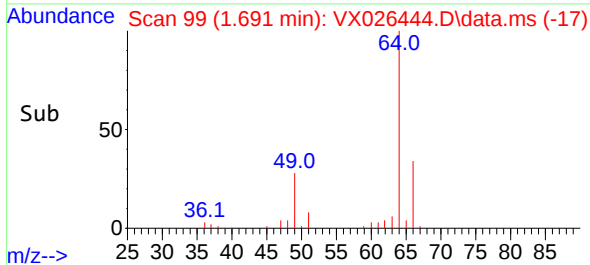
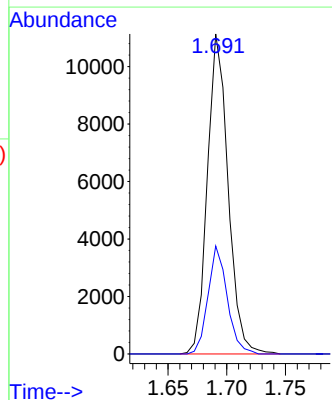
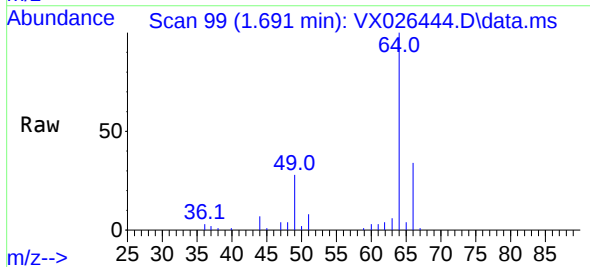
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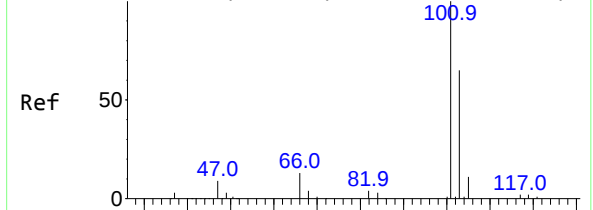


#6
Chloroethane
Concen: 21.168 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 64 Resp: 13653
Ion Ratio Lower Upper
64 100
66 33.7 26.6 39.8



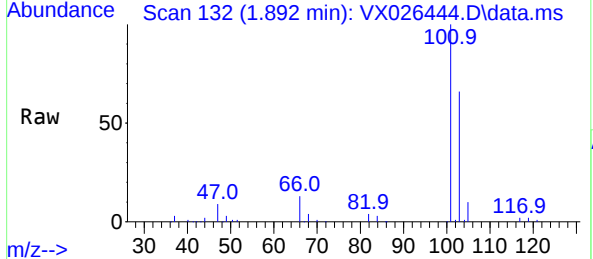
Abundance Scan 132 (1.892 min): VX026393.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 20.464 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Abundance Scan 132 (1.892 min): VX026444.D\data.ms

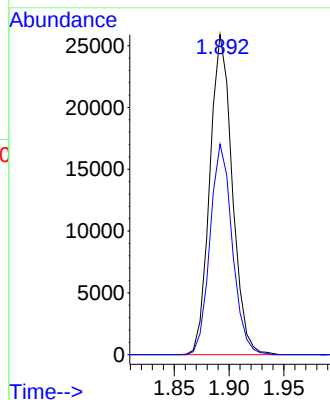
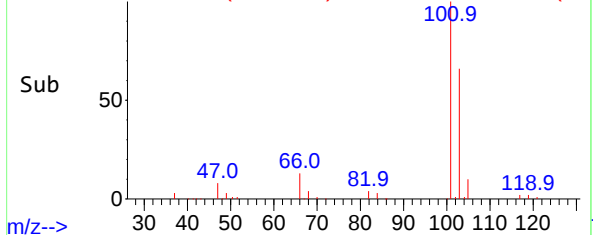


Tgt Ion:101 Resp: 3686
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

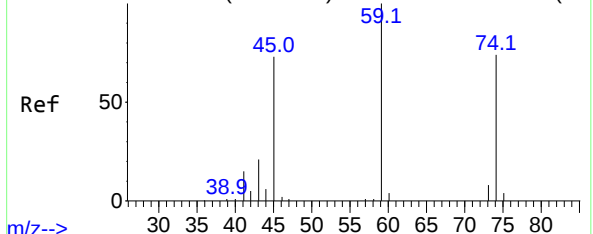
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Abundance Scan 132 (1.892 min): VX026444.D\data.ms (-50



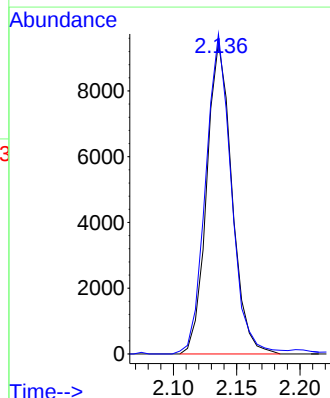
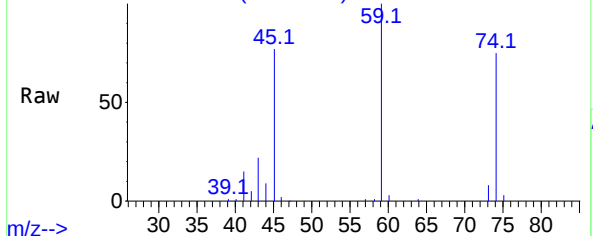
Abundance Scan 172 (2.136 min): VX026393.D\data.ms (-16



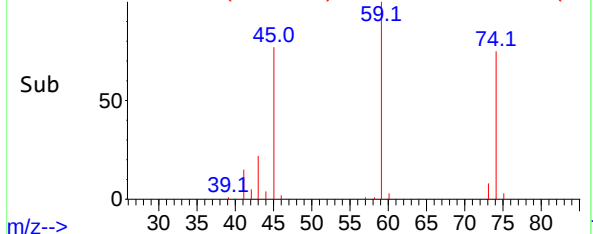
#8
Diethyl Ether
Concen: 20.422 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

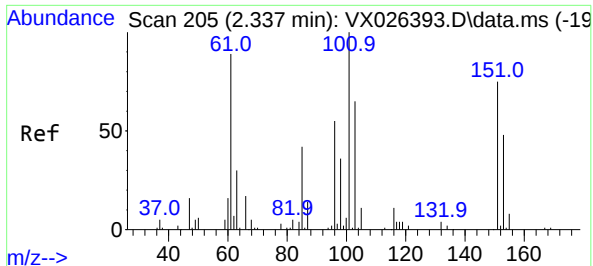
Tgt Ion: 74 Resp: 13126
Ion Ratio Lower Upper
74 100
45 104.6 19.5 175.5

Abundance Scan 172 (2.136 min): VX026444.D\data.ms



Abundance Scan 172 (2.136 min): VX026444.D\data.ms (-13





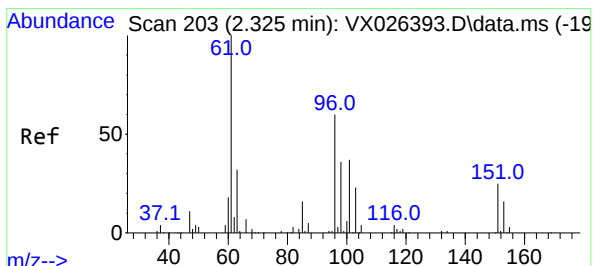
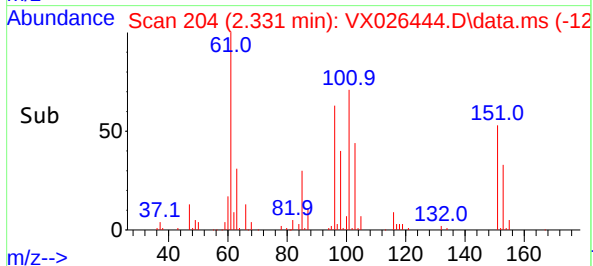
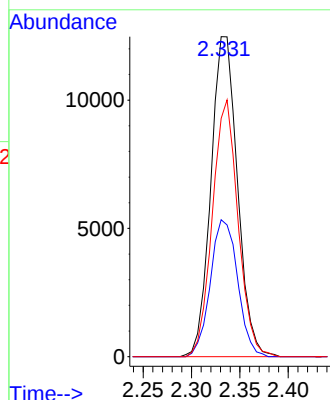
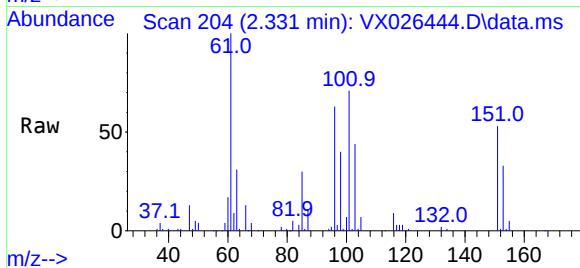
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.233 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 2387
Ion Ratio Lower Upper
101 100
85 43.9 0.0 87.6
151 77.6 0.0 151.2

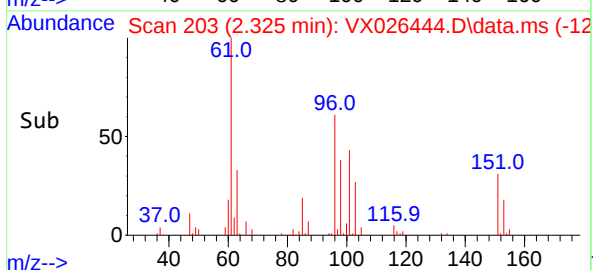
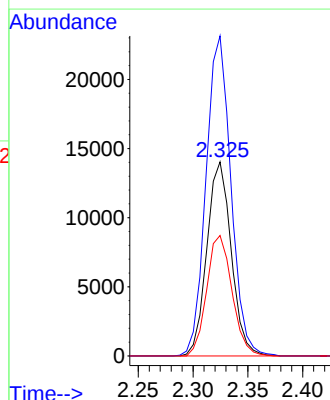
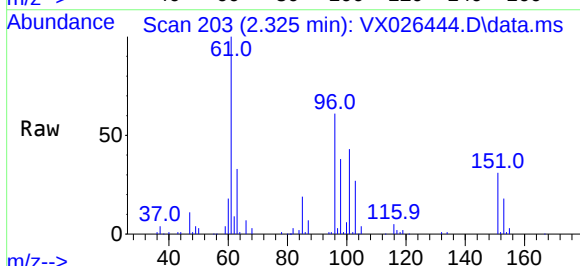
Manual Integrations
APPROVED

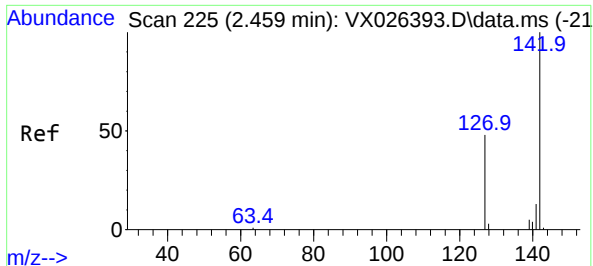
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#10
1,1-Dichloroethene
Concen: 20.690 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 96 Resp: 21731
Ion Ratio Lower Upper
96 100
61 164.9 134.1 201.1
98 62.0 47.9 71.9





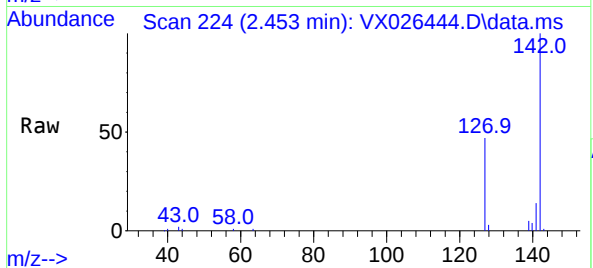
#11
Methyl Iodide
Concen: 21.404 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



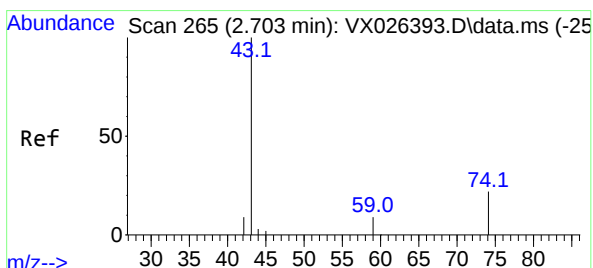
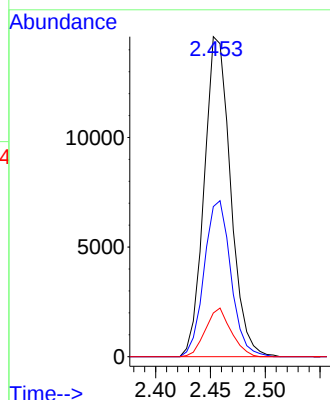
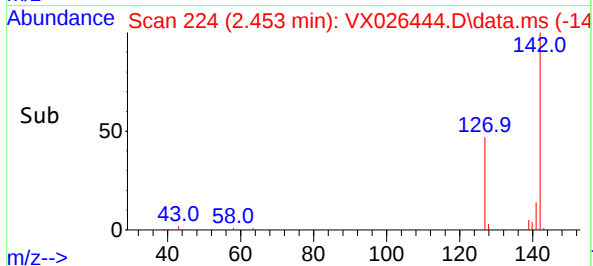
Tgt Ion:142 Resp: 2441
Ion Ratio Lower Upper
142 100
127 46.9 23.9 71.7
141 13.7 6.7 20.1

Manual Integrations

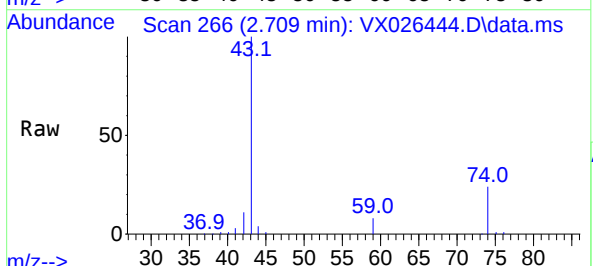
APPROVED

Reviewed By :John Carlone 01/17/2022

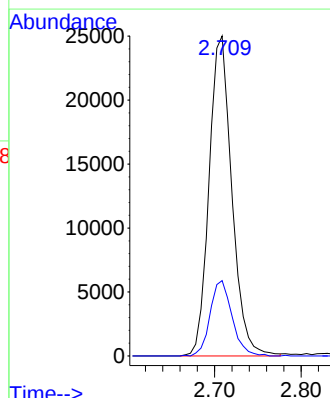
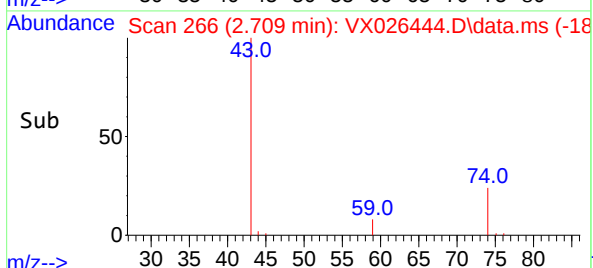
Supervised By :Mahesh Dadoda 01/18/2022

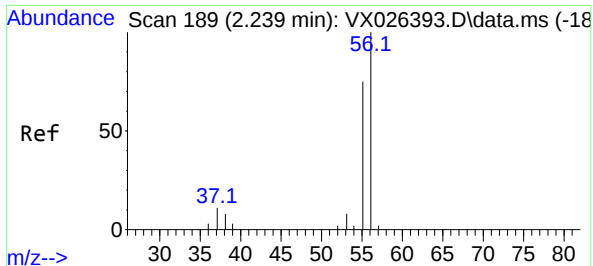


#12
Methyl Acetate
Concen: 20.759 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



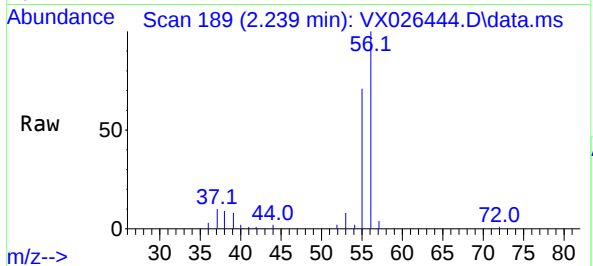
Tgt Ion: 43 Resp: 45677
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.6





#13
Acrolein
Concen: 88.758 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

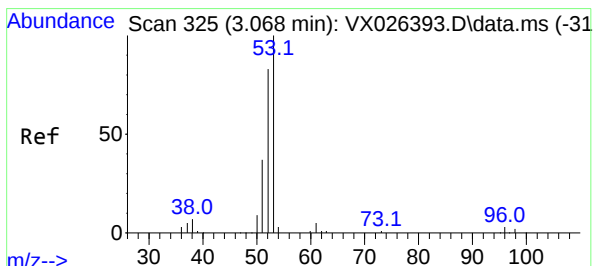
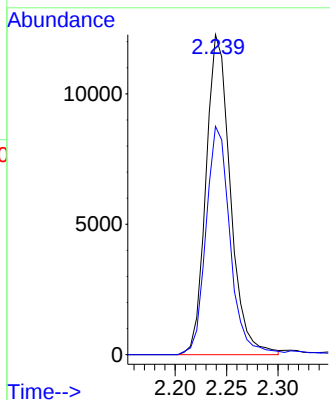
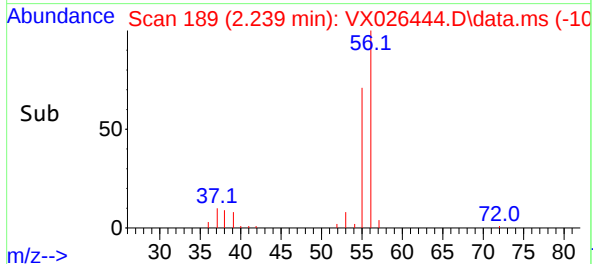
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



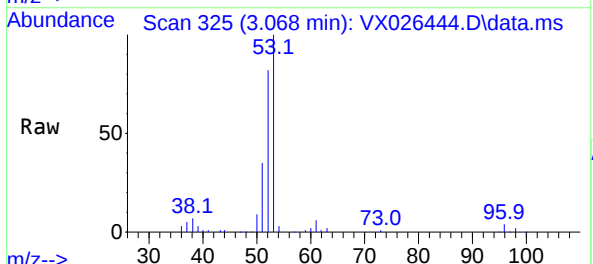
Tgt Ion: 56 Resp: 20240
Ion Ratio Lower Upper
56 100
55 70.6 58.2 87.2

Manual Integrations
APPROVED

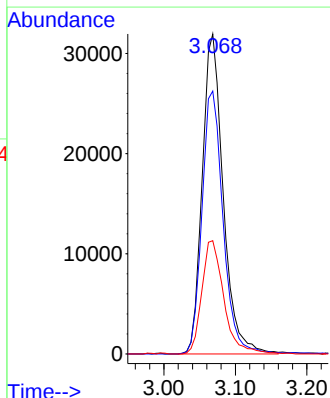
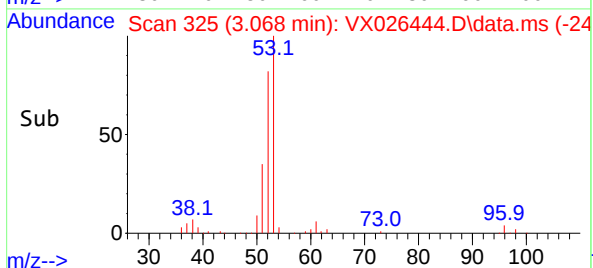
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

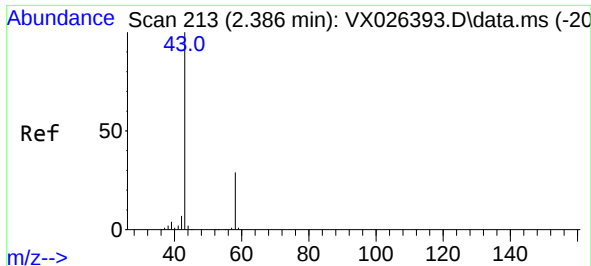


#14
Acrylonitrile
Concen: 105.954 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



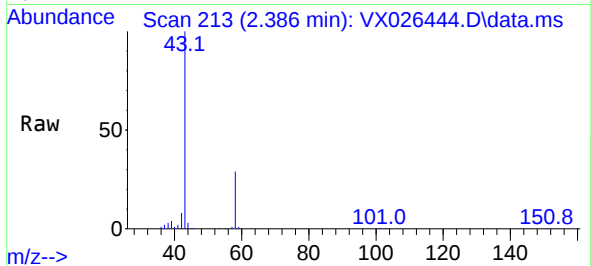
Tgt Ion: 53 Resp: 65029
Ion Ratio Lower Upper
53 100
52 82.9 41.4 124.4
51 37.2 18.6 56.0





#15
Acetone
Concen: 146.289 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

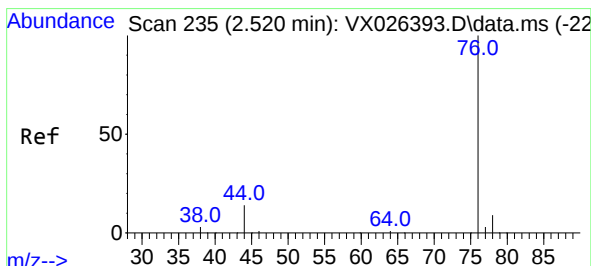
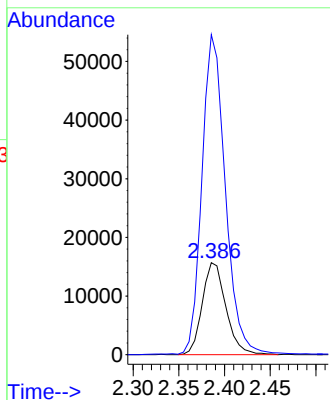
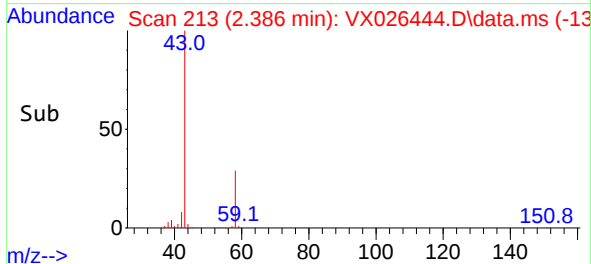
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



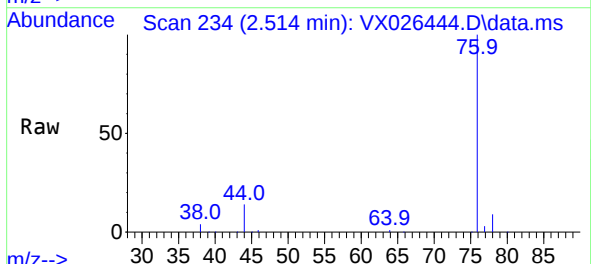
Tgt Ion: 58 Resp: 2820
Ion Ratio Lower Upper
58 100
43 347.5 276.3 414.5

Manual Integrations
APPROVED

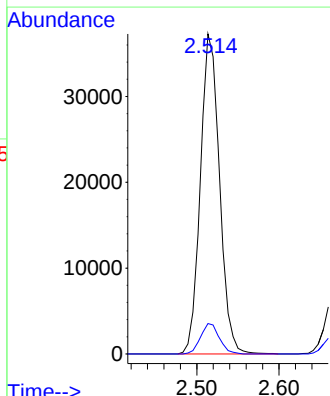
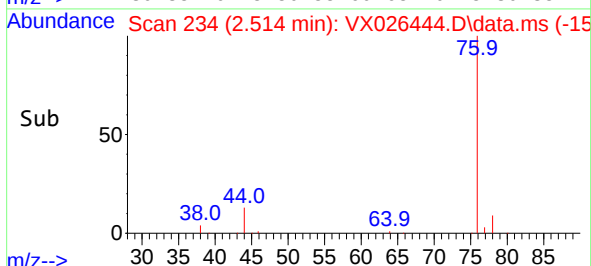
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

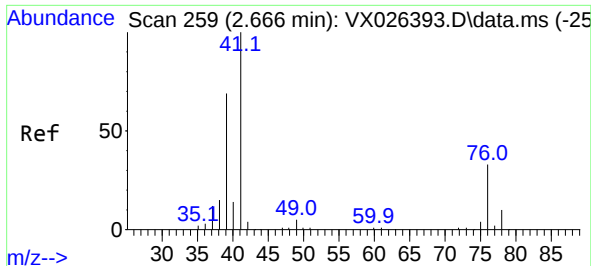


#16
Carbon Disulfide
Concen: 20.331 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 76 Resp: 60303
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9





#17

Allyl chloride

Concen: 20.651 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 4174

Ion Ratio Lower Upper

41 100

39 68.5 34.5 103.5

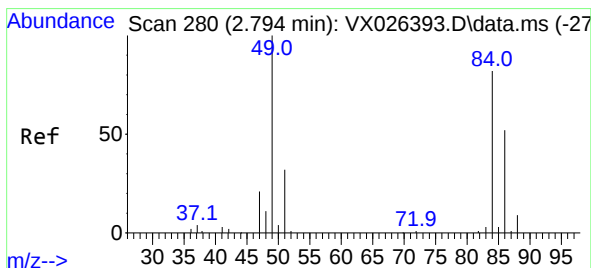
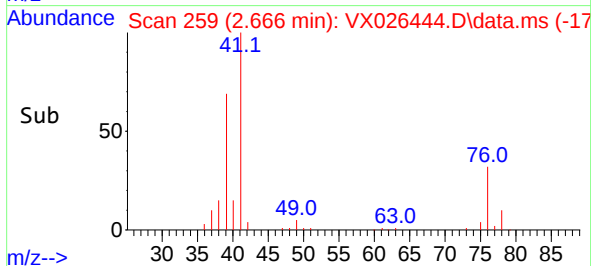
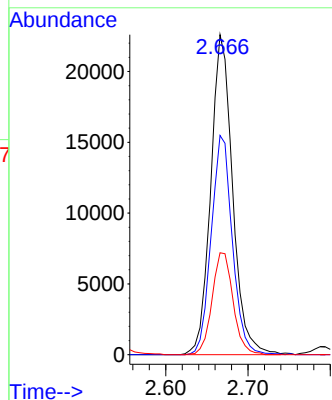
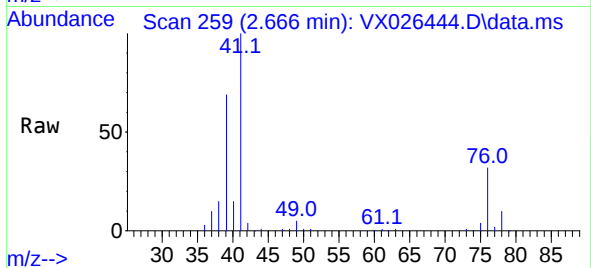
76 31.8 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#18

Methylene Chloride

Concen: 20.563 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Tgt Ion: 84 Resp: 23788

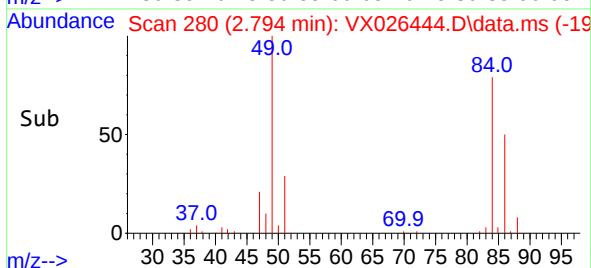
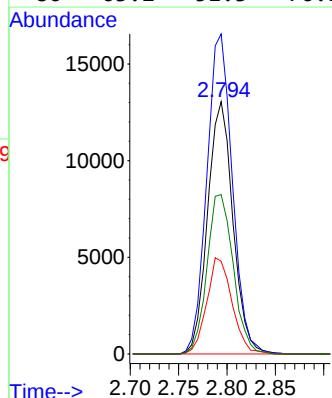
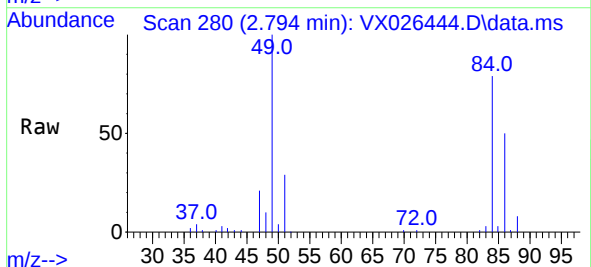
Ion Ratio Lower Upper

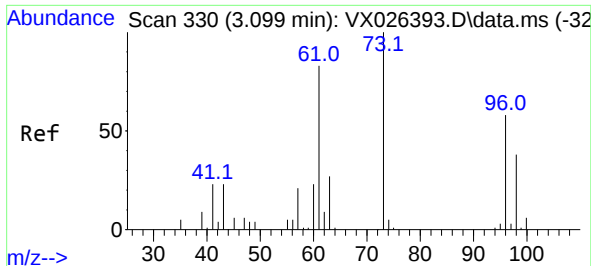
84 100

49 126.8 97.8 146.8

51 36.7 31.1 46.7

86 63.2 51.3 76.9





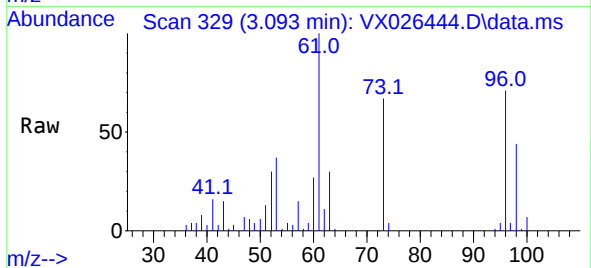
#19
trans-1,2-Dichloroethene
Concen: 21.366 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

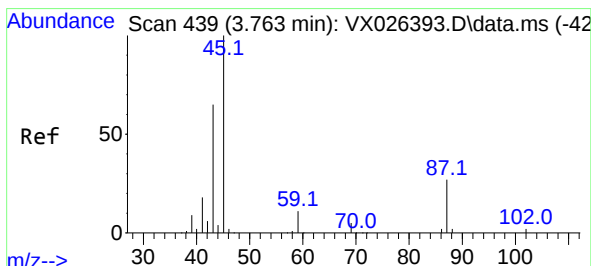
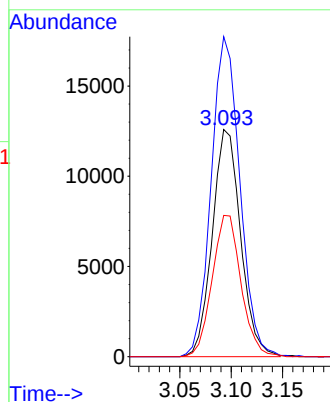
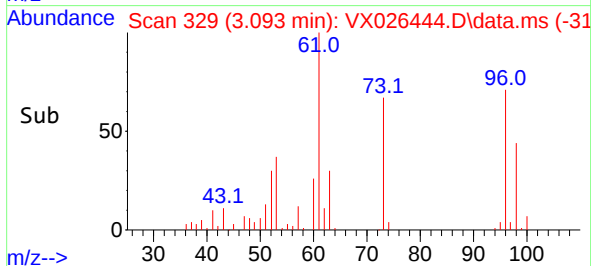


Tgt Ion: 96 Resp: 2412
Ion Ratio Lower Upper
96 100
61 140.9 114.3 171.5
98 62.2 52.6 78.8

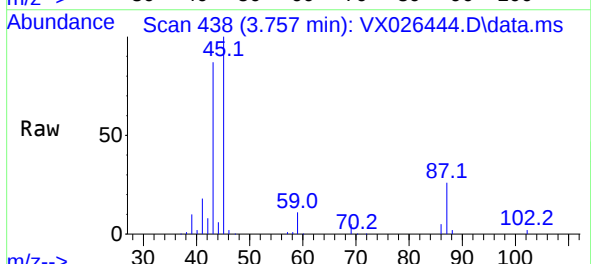
Manual Integrations

APPROVED

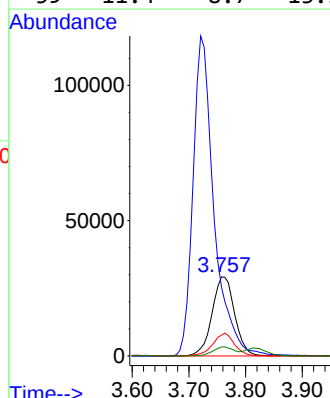
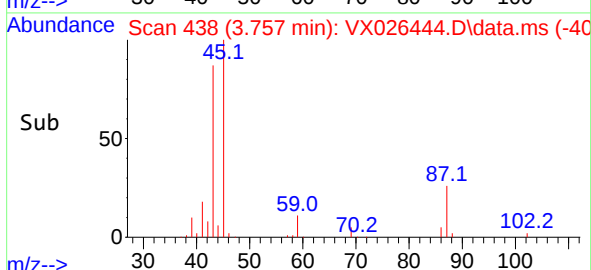
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

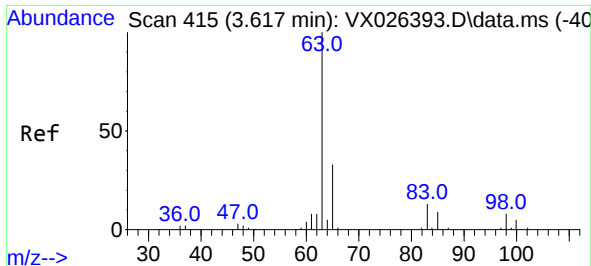


#20
Diisopropyl ether
Concen: 20.620 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 45 Resp: 81007
Ion Ratio Lower Upper
45 100
43 85.9 56.2 84.2#
87 26.1 21.5 32.3
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.511 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 4436

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

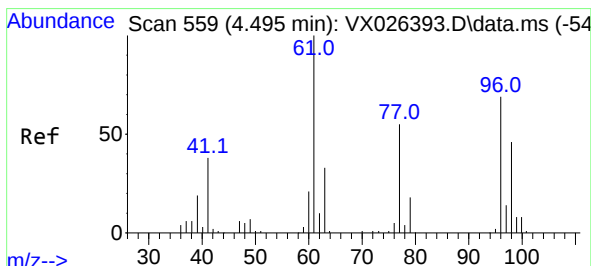
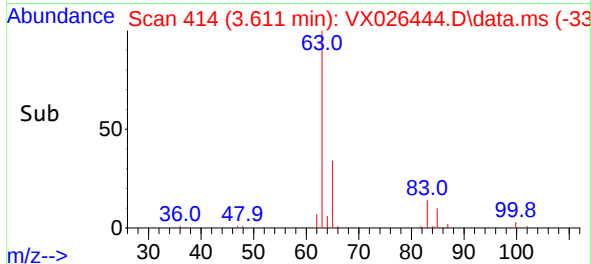
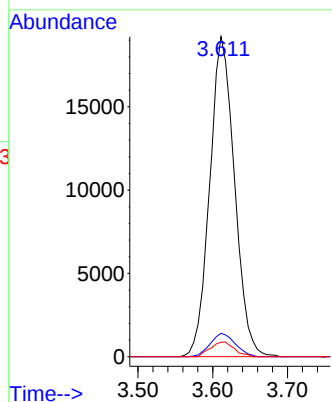
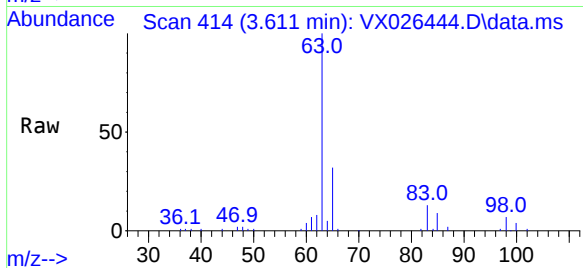
100 4.5 2.4 7.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#22

cis-1,2-Dichloroethene

Concen: 20.486 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

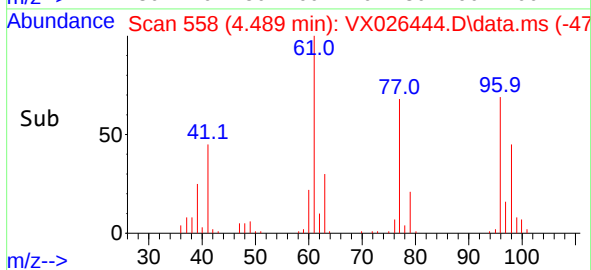
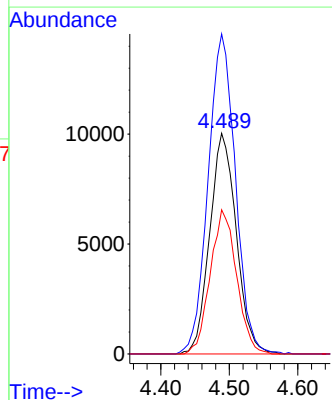
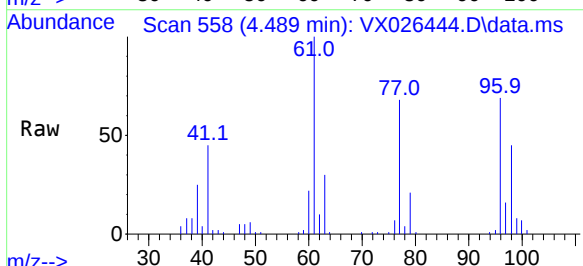
Tgt Ion: 96 Resp: 27060

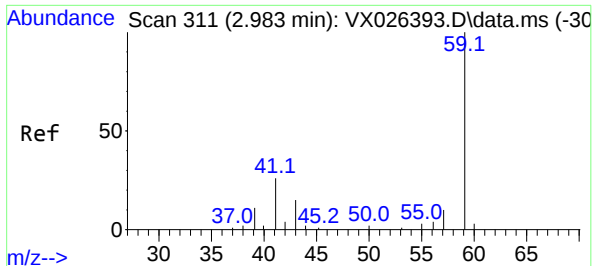
Ion Ratio Lower Upper

96 100

61 148.6 121.8 182.6

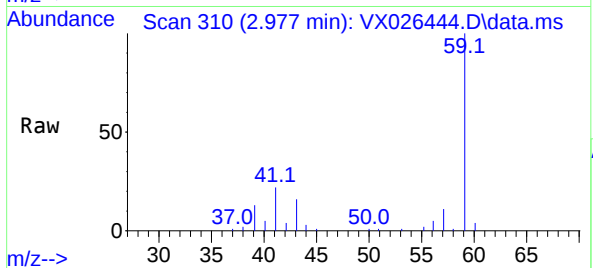
98 64.7 52.6 78.8





#23
tert-Butyl Alcohol
Concen: 101.753 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

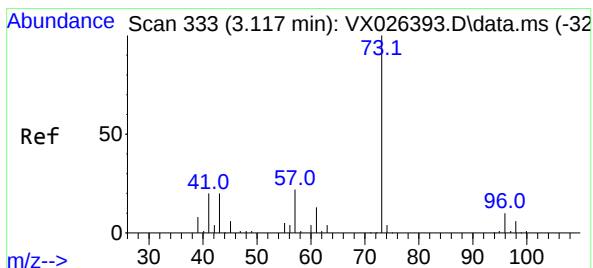
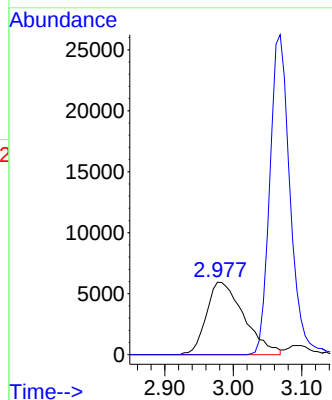
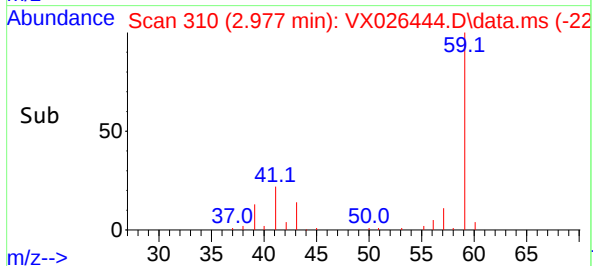
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 22652
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

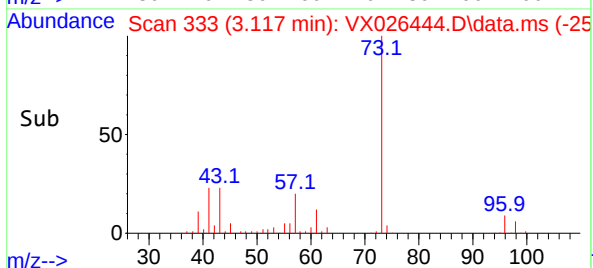
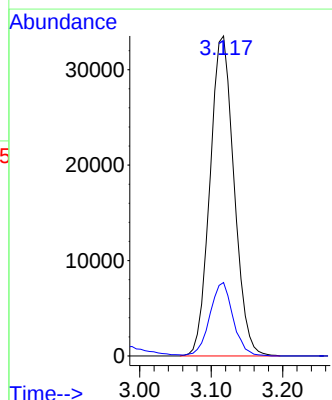
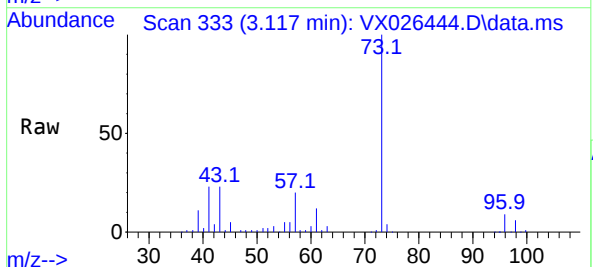
Manual Integrations
APPROVED

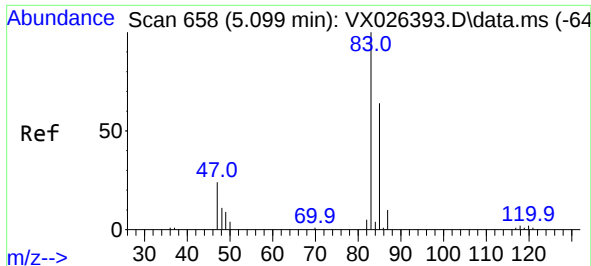
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#24
Methyl tert-Butyl Ether
Concen: 20.093 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 73 Resp: 78482
Ion Ratio Lower Upper
73 100
43 22.2 17.1 25.7





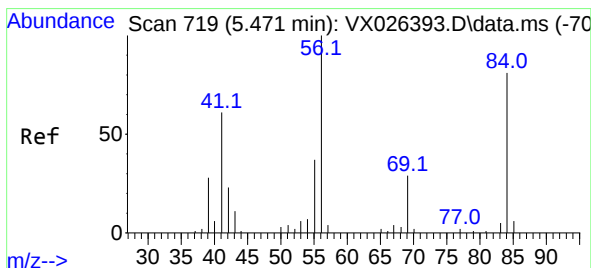
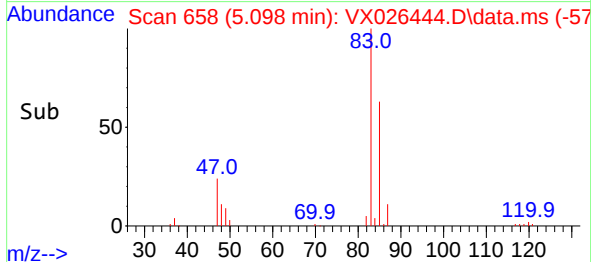
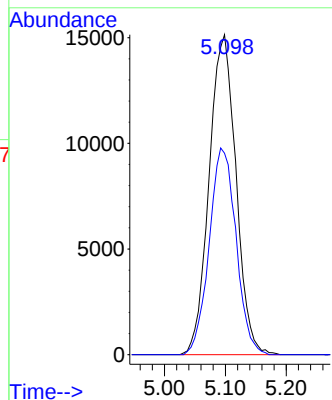
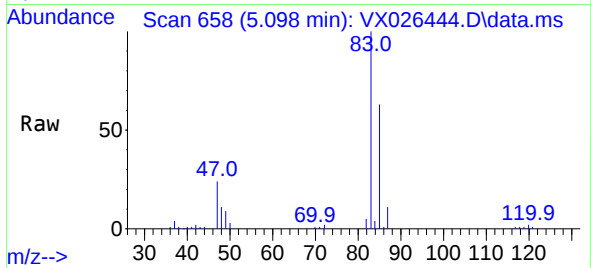
#25
Chloroform
Concen: 20.681 ug/l
RT: 5.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 46350
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2

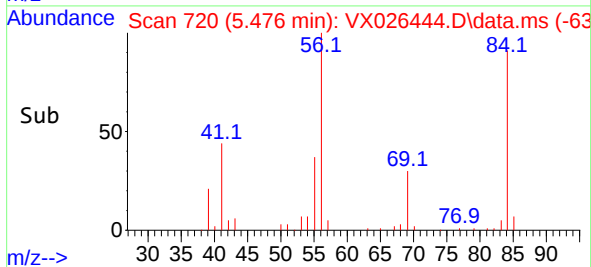
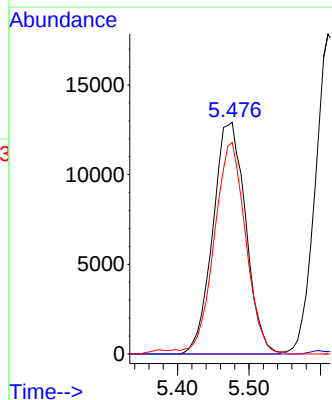
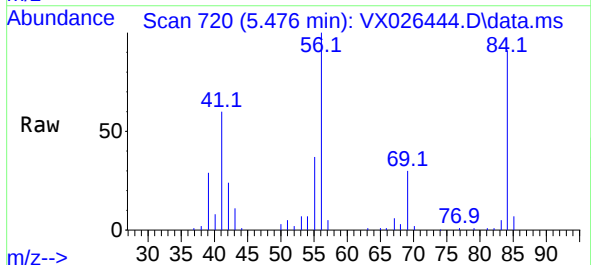
Manual Integrations
APPROVED

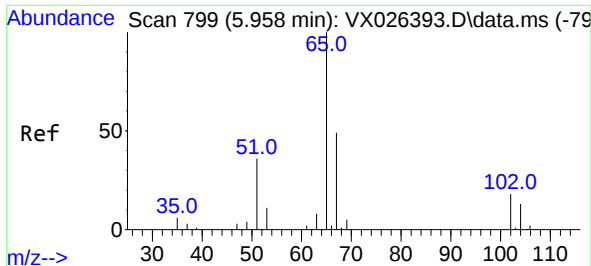
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#26
Cyclohexane
Concen: 20.785 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 56 Resp: 41121
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.1 70.6 106.0





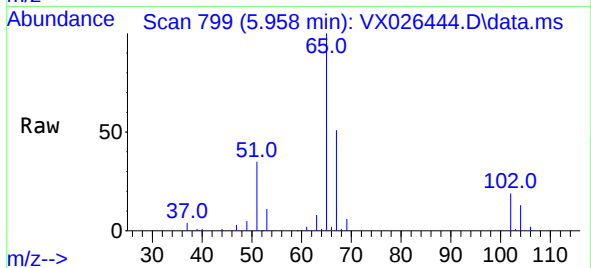
#27
1,2-Dichloroethane-d4
Concen: 30.127 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

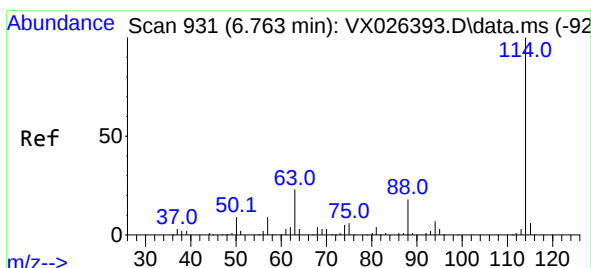
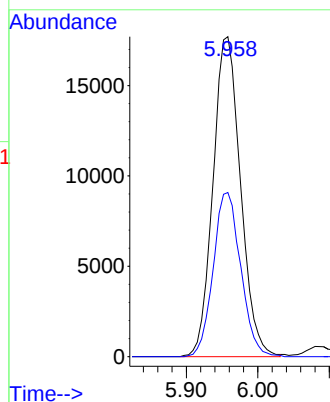
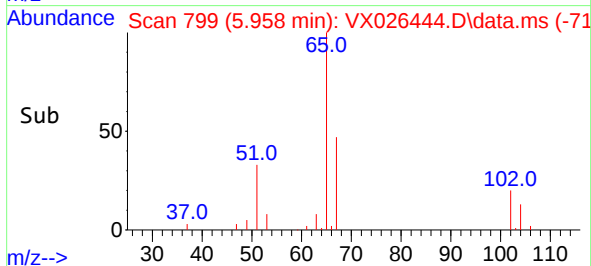


Tgt Ion: 65 Resp: 47334
Ion Ratio Lower Upper
65 100
67 51.2 39.6 59.4

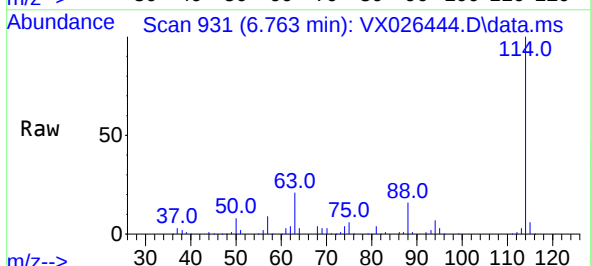
Manual Integrations

APPROVED

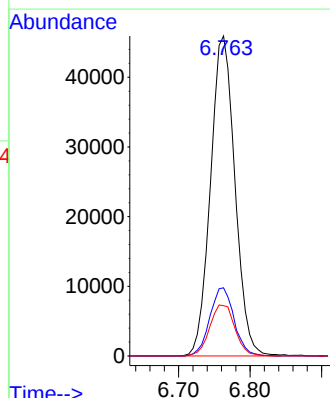
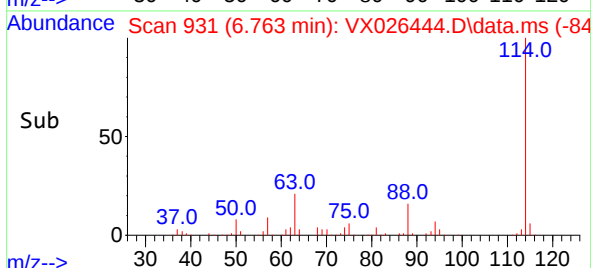
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

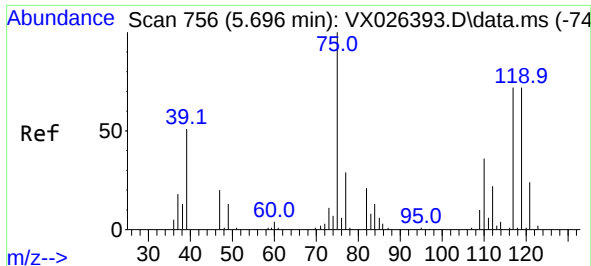


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion:114 Resp: 108964
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.2
88 16.5 13.5 20.3





#29
1,1-Dichloropropene
Concen: 20.467 ug/l
RT: 5.690 min Scan# 756
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

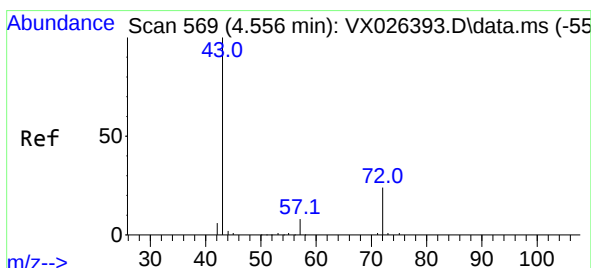
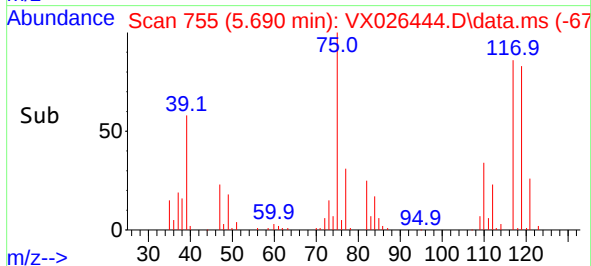
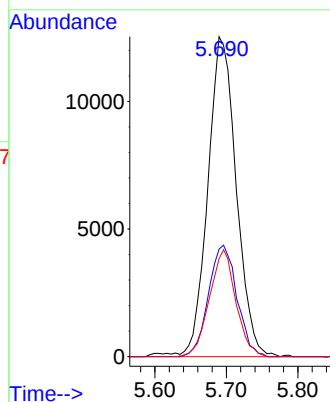
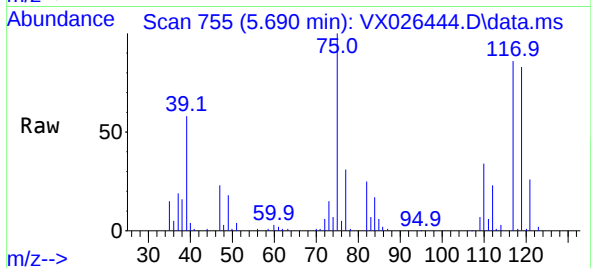
VSTDCCC020

Tgt Ion: 75 Resp: 3444
Ion Ratio Lower Upper
75 100
110 34.9 0.0 70.6
77 31.2 0.0 62.0

Manual Integrations

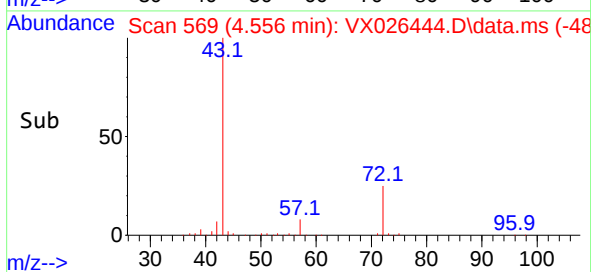
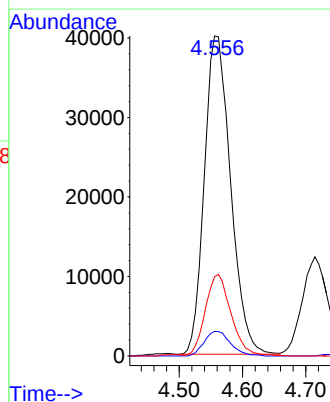
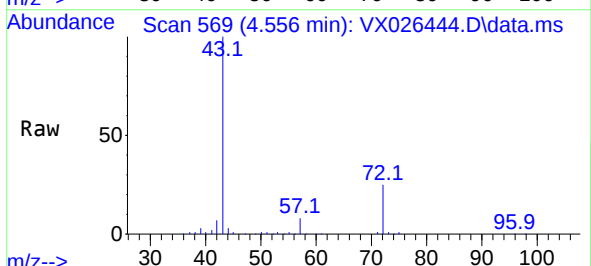
APPROVED

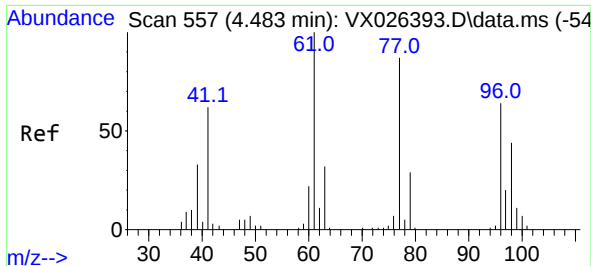
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#30
2-Butanone
Concen: 118.352 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 43 Resp: 115672
Ion Ratio Lower Upper
43 100
57 7.7 6.3 9.5
72 24.9 19.8 29.6





#31

2,2-Dichloropropane

Concen: 19.212 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 33490

Ion Ratio Lower Upper

77 100

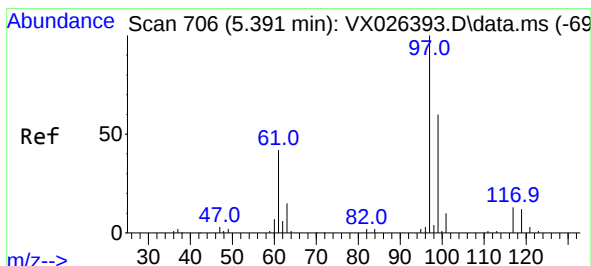
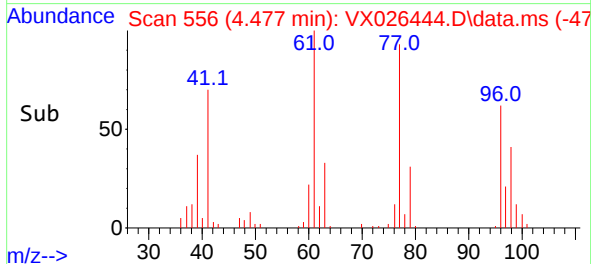
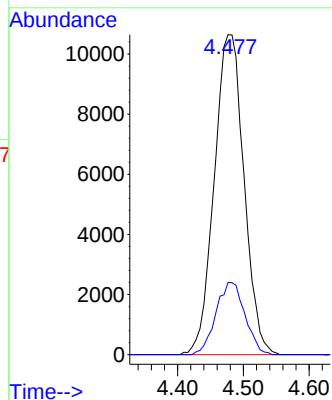
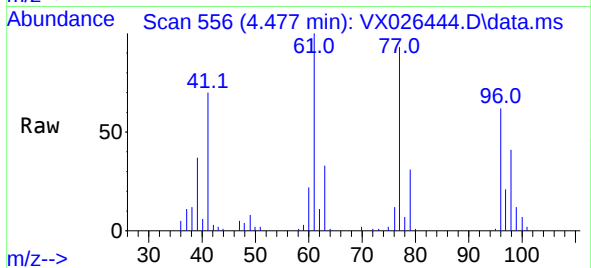
97 22.0 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#32

1,1,1-Trichloroethane

Concen: 20.082 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

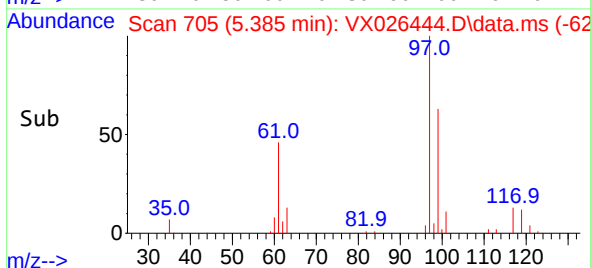
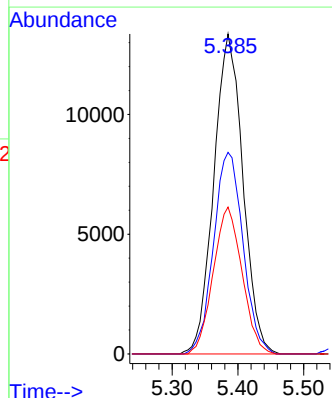
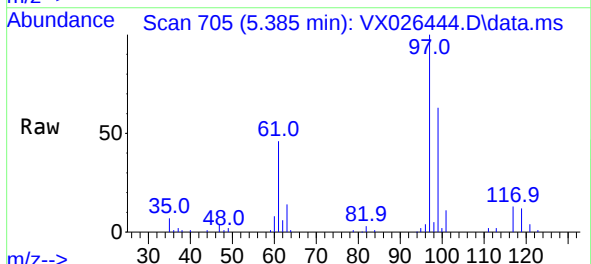
Tgt Ion: 97 Resp: 41145

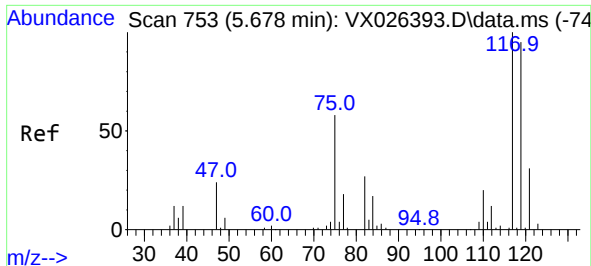
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

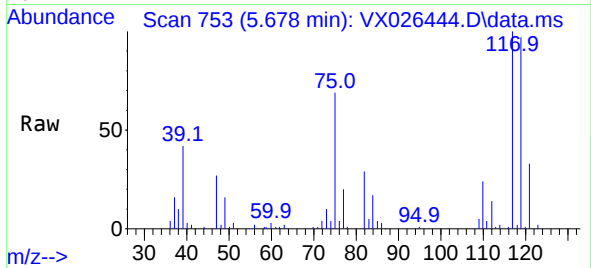
61 45.4 34.9 52.3





#33
Carbon Tetrachloride
Concen: 20.268 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

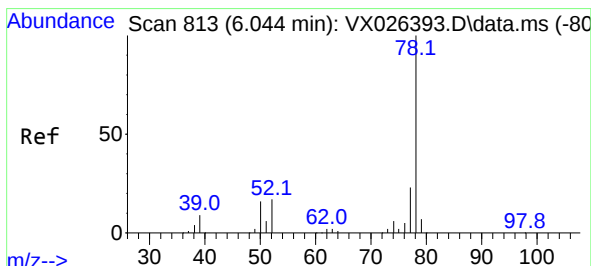
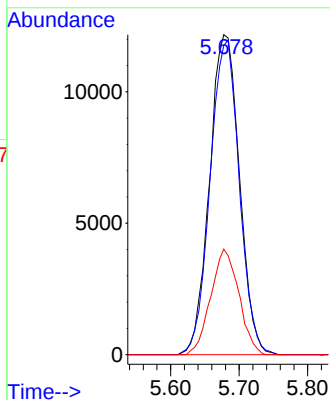
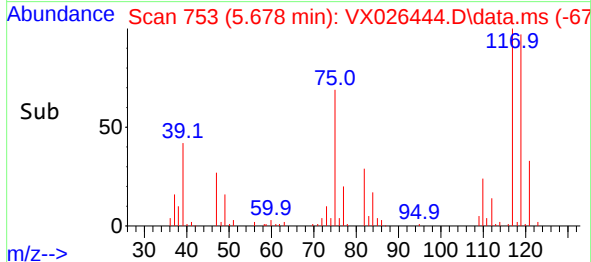
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



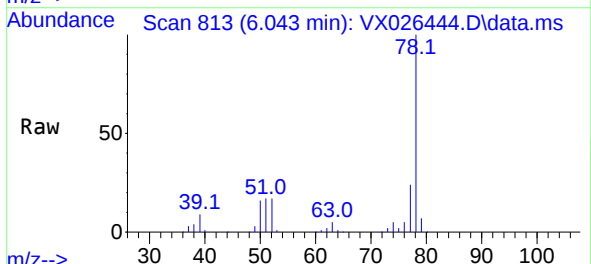
Tgt Ion:117 Resp: 3678
Ion Ratio Lower Upper
117 100
119 96.7 75.9 113.9
121 33.0 25.2 37.8

Manual Integrations
APPROVED

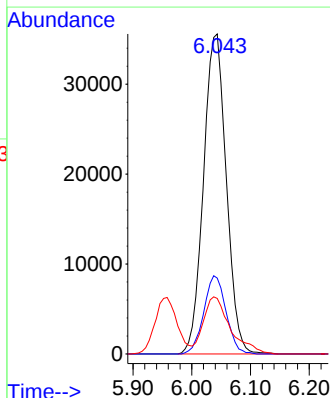
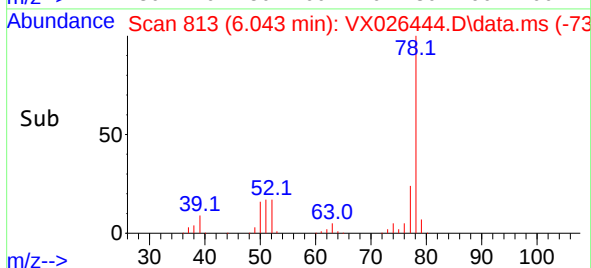
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

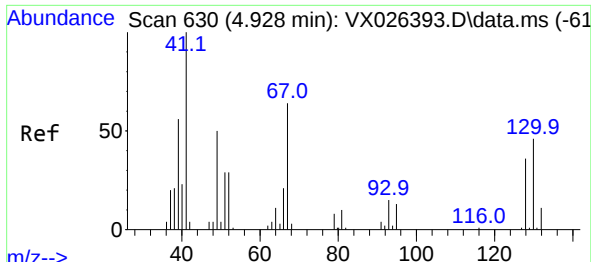


#34
Benzene
Concen: 20.554 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 78 Resp: 95912
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1
51 17.4 13.5 20.3





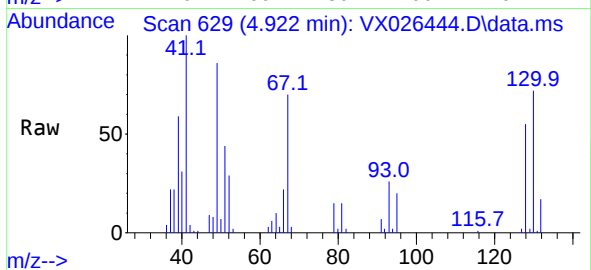
#35
Methacrylonitrile
Concen: 20.711 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



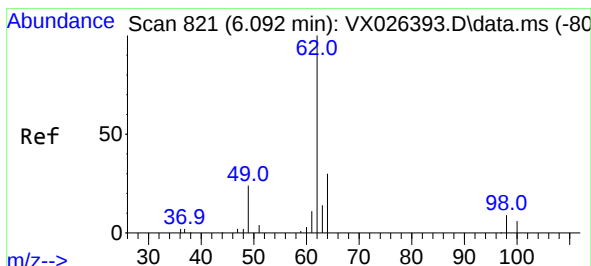
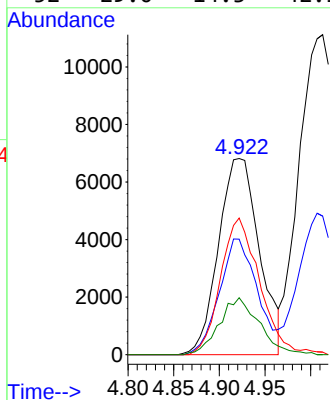
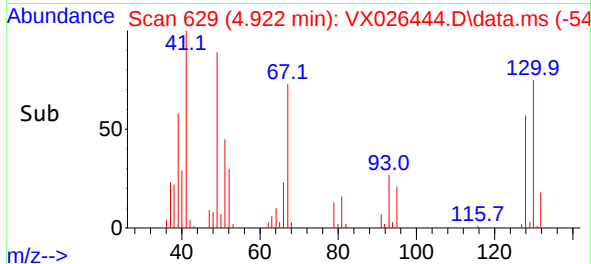
Tgt Ion: 41 Resp: 21209
Ion Ratio Lower Upper
41 100
39 58.9 27.8 83.4
67 69.6 32.1 96.3
52 29.0 14.3 42.9

Manual Integrations

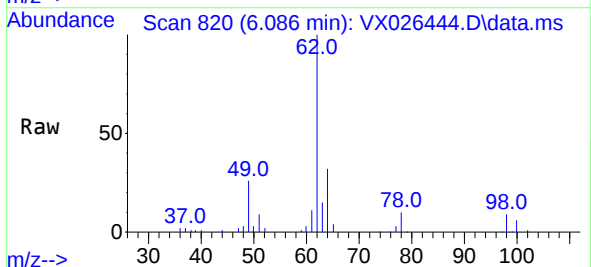
APPROVED

Reviewed By :John Carlone 01/17/2022

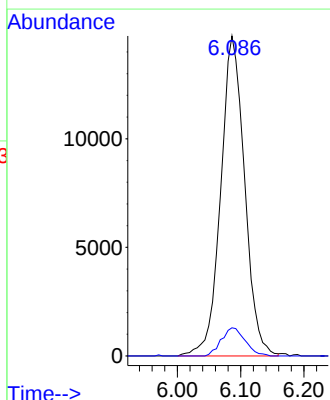
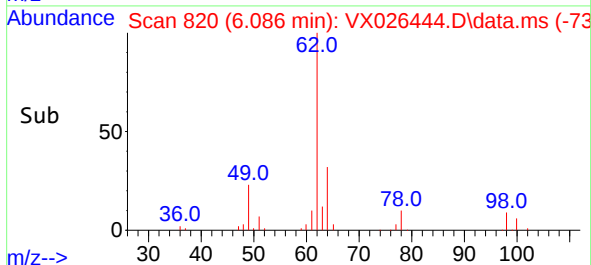
Supervised By :Mahesh Dadoda 01/18/2022

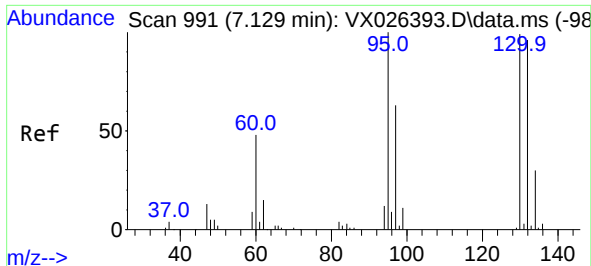


#36
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



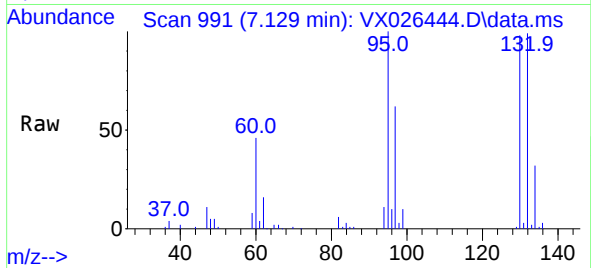
Tgt Ion: 62 Resp: 38708
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3





#37
Trichloroethene
Concen: 20.250 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

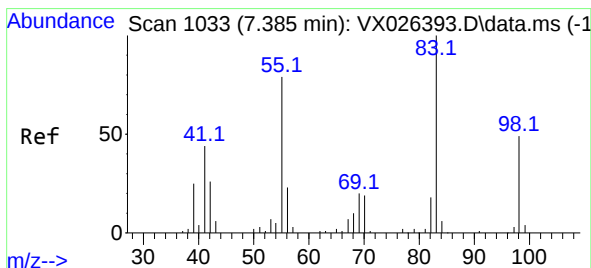
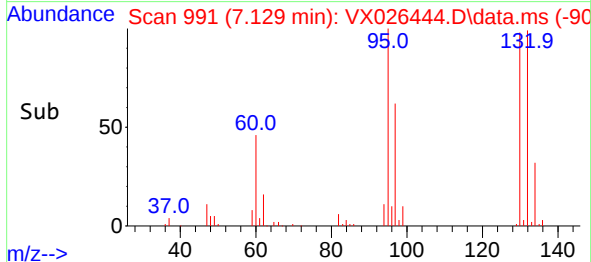
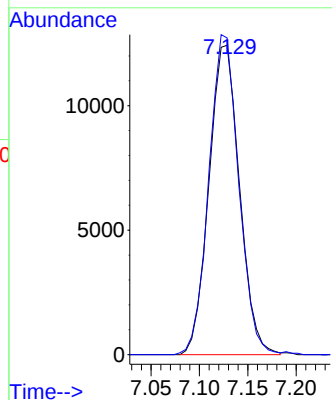
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:130 Resp: 2729
Ion Ratio Lower Upper
130 100
95 101.8 81.0 121.4

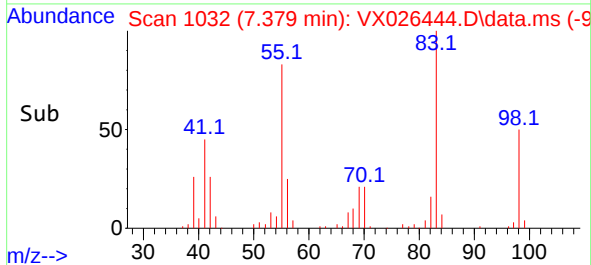
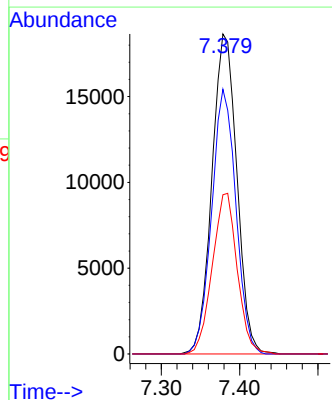
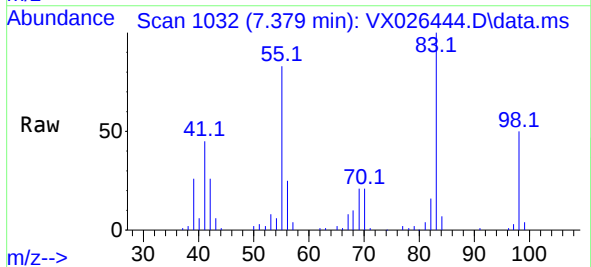
Manual Integrations
APPROVED

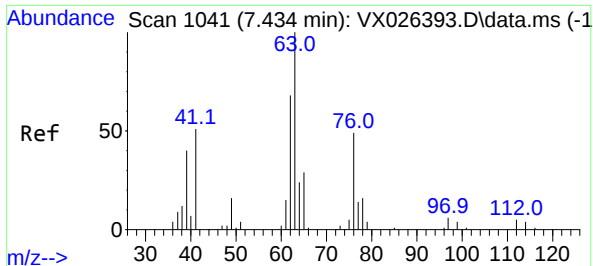
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#38
Methylcyclohexane
Concen: 20.480 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 83 Resp: 41304
Ion Ratio Lower Upper
83 100
55 80.5 39.9 119.6
98 50.1 24.6 73.6





#39
1,2-Dichloropropane
Concen: 20.569 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

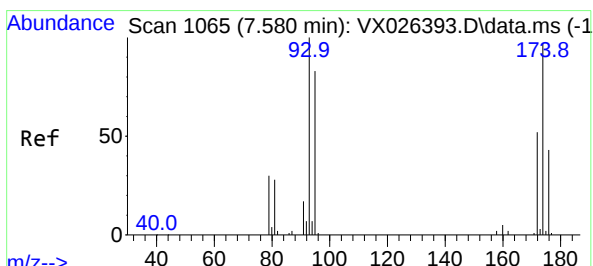
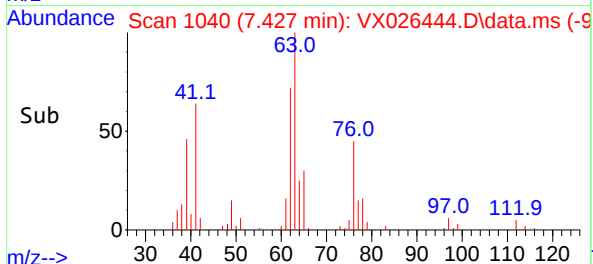
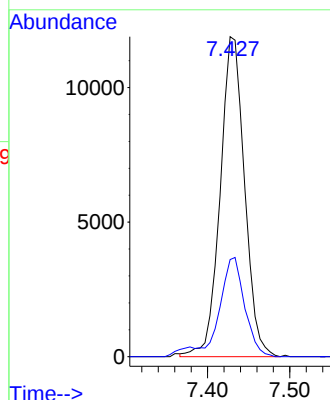
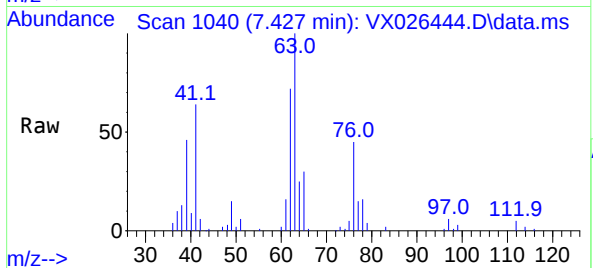
VSTDCCC020

Tgt Ion: 63 Resp: 24544
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6

Manual Integrations

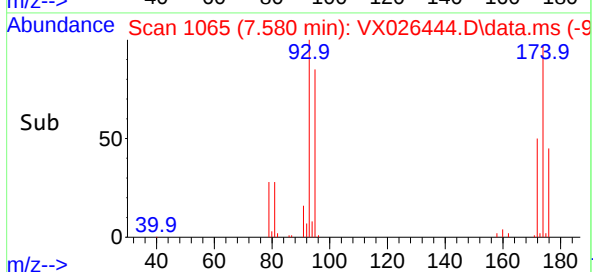
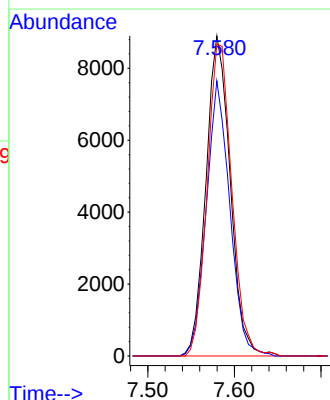
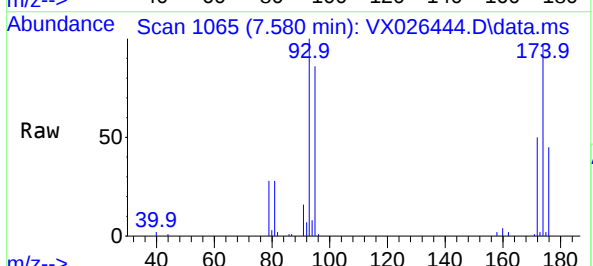
APPROVED

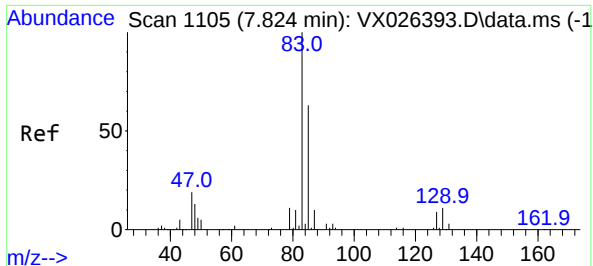
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#40
Dibromomethane
Concen: 20.722 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 93 Resp: 17370
Ion Ratio Lower Upper
93 100
95 83.1 0.0 164.6
174 98.8 0.0 198.0





#41
Bromodichloromethane
Concen: 20.462 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

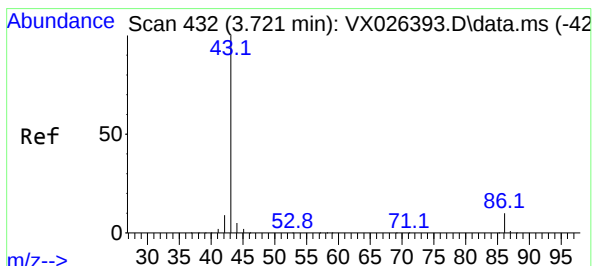
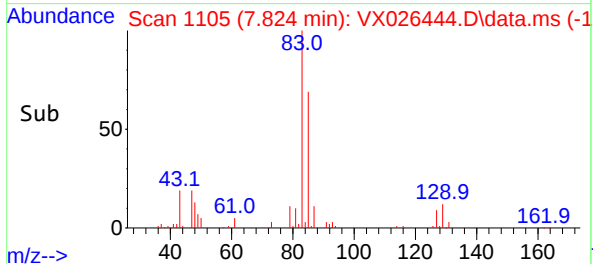
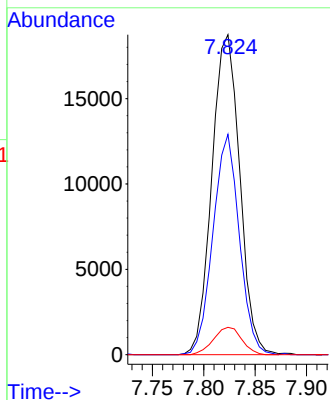
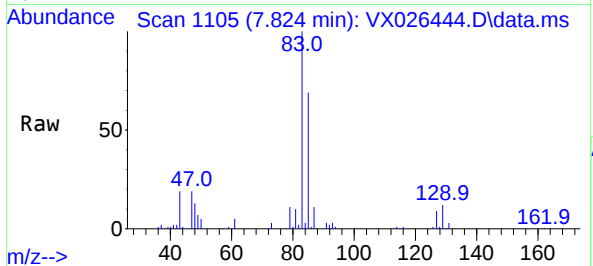
VSTDCCC020

Tgt Ion: 83 Resp: 35400
Ion Ratio Lower Upper
83 100
85 68.9 50.6 76.0
127 8.6 7.0 10.6

Manual Integrations

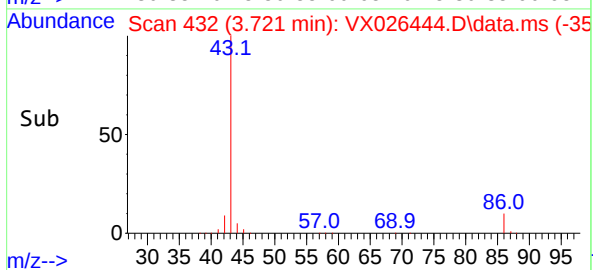
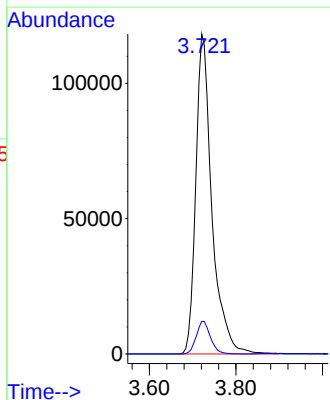
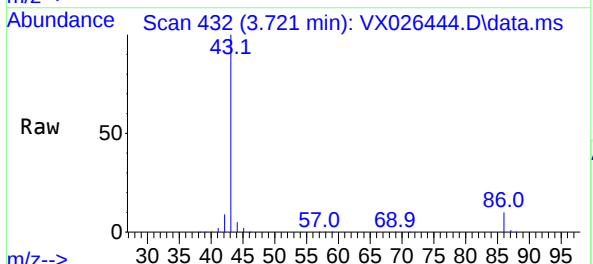
APPROVED

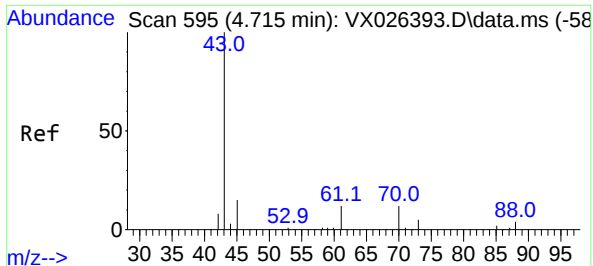
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#42
Vinyl Acetate
Concen: 100.542 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 43 Resp: 304448
Ion Ratio Lower Upper
43 100
86 9.0 7.1 10.7





#43

Ethyl Acetate

Concen: 20.256 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 3599

Ion Ratio Lower Upper

43 100

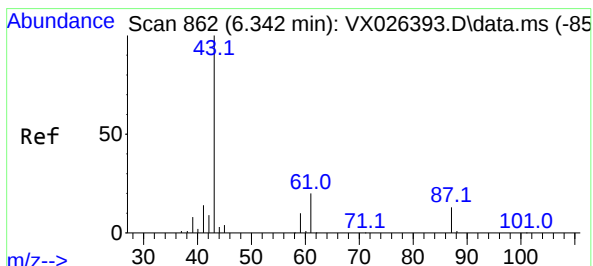
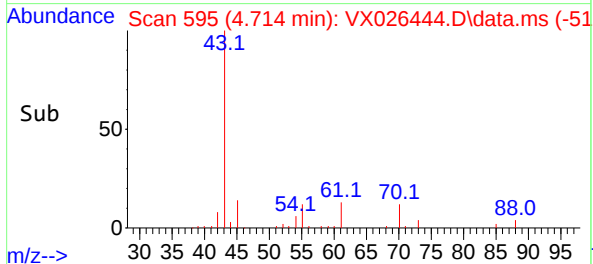
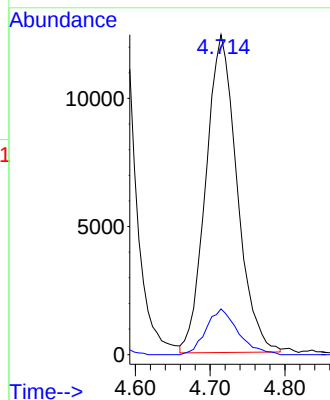
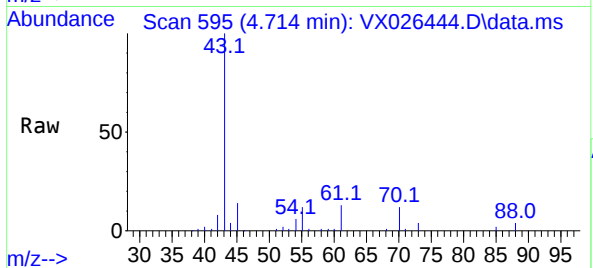
45 14.8 12.3 18.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#44

Isopropyl Acetate

Concen: 19.794 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX026444.D

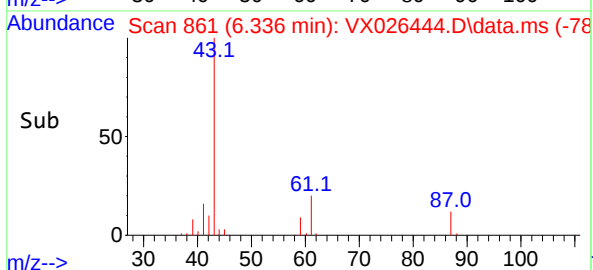
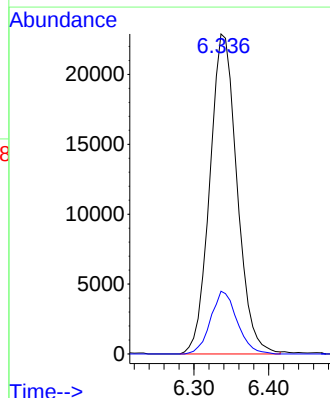
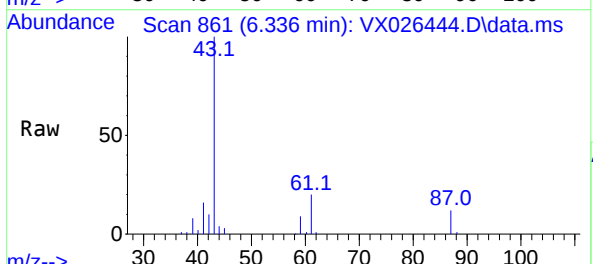
Acq: 14 Jan 2022 10:15

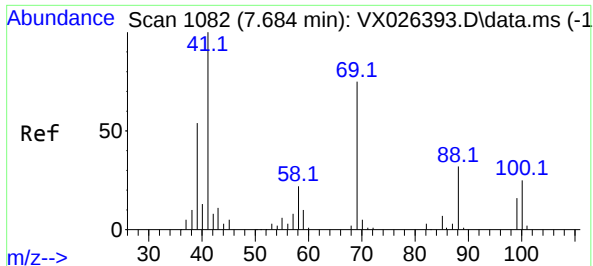
Tgt Ion: 43 Resp: 58057

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2





#45

1,4-Dioxane

Concen: 489.294 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 1112

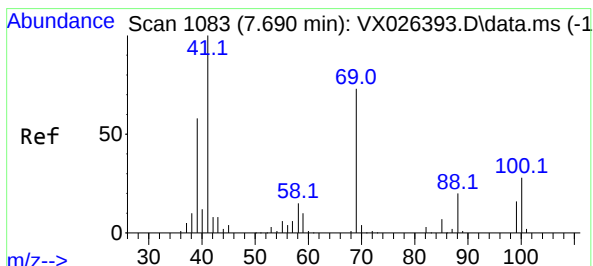
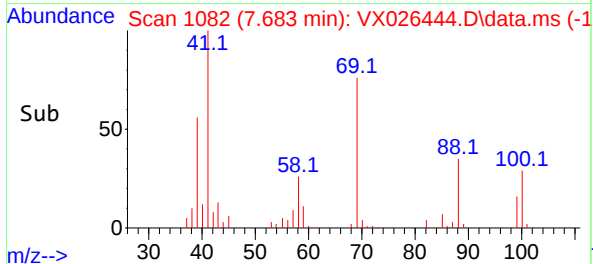
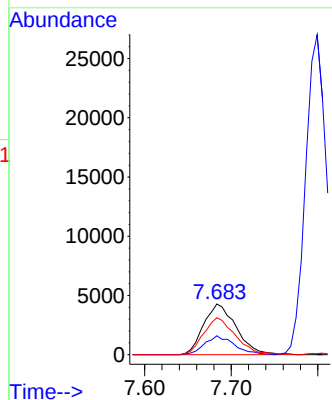
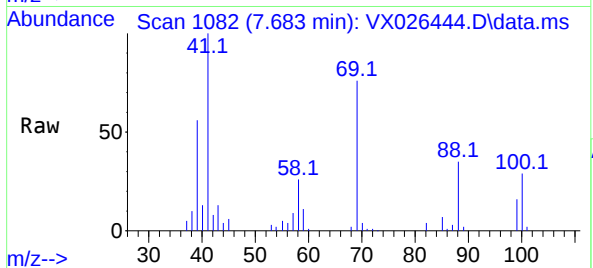
Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.0	43.6
58	71.4	56.2	84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#46

Methyl methacrylate

Concen: 20.035 ug/l

RT: 7.689 min Scan# 1083

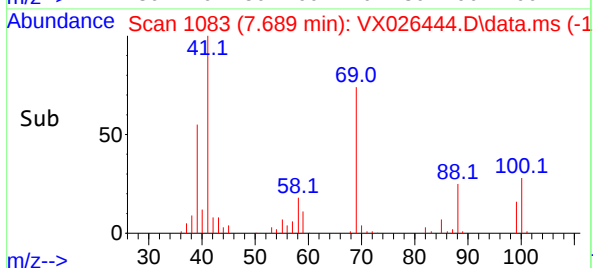
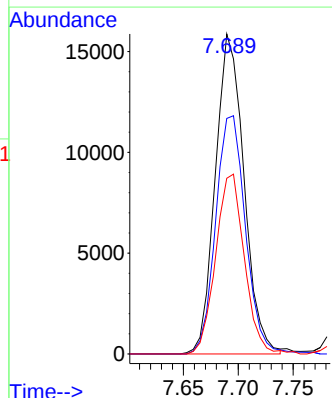
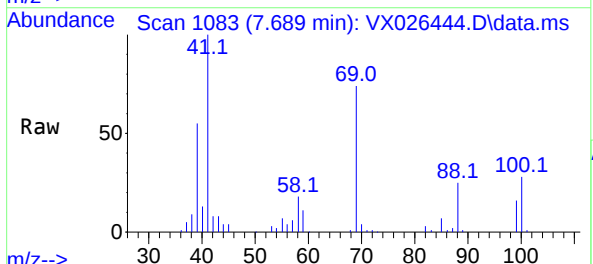
Delta R.T. -0.000 min

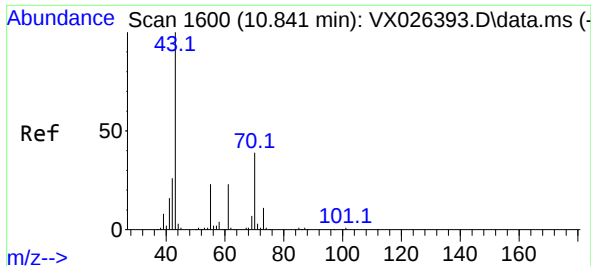
Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Tgt Ion: 41 Resp: 28824

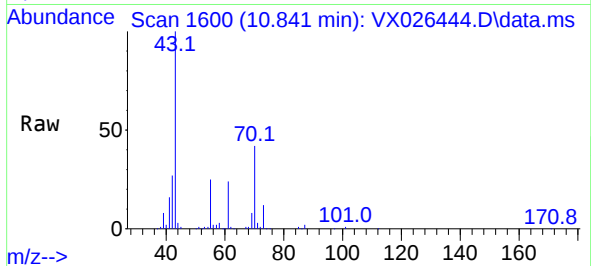
Ion	Ratio	Lower	Upper
41	100		
69	73.6	36.6	109.9
39	54.9	29.3	87.8





#47
n-amy1 Acetate
Concen: 20.261 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

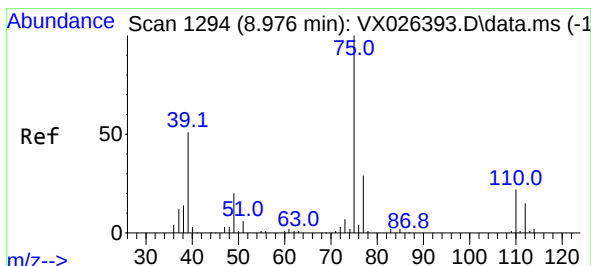
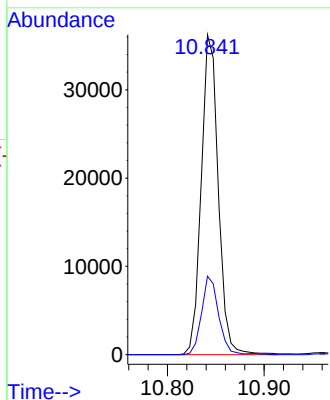
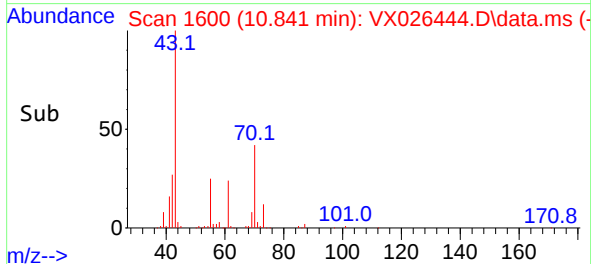
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



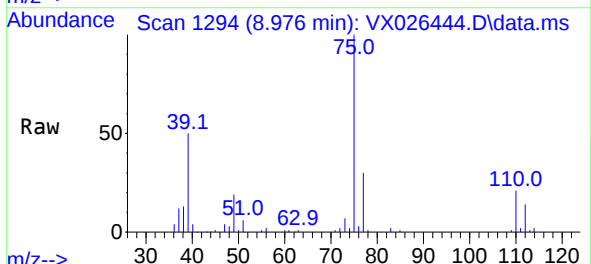
Tgt Ion: 43 Resp: 4446
Ion Ratio Lower Upper
43 100
55 24.3 18.9 28.3

Manual Integrations
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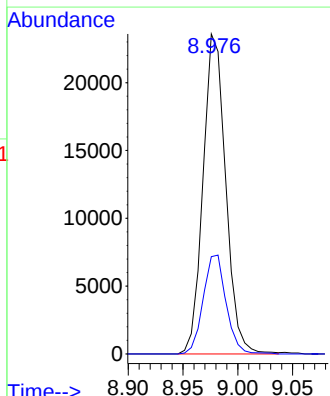
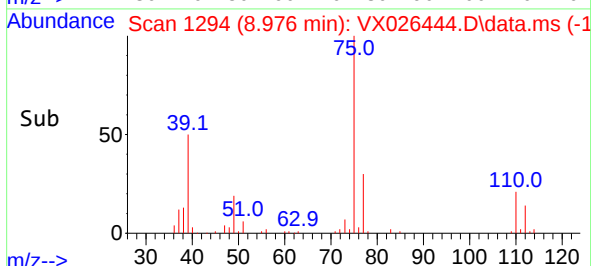
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

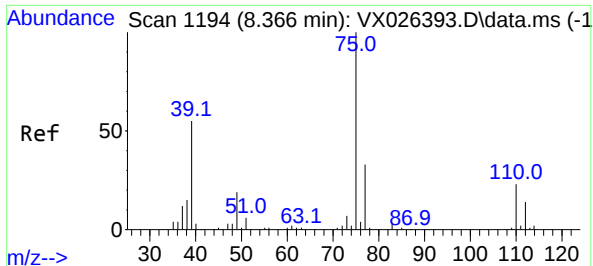


#48
t-1,3-Dichloropropene
Concen: 19.642 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



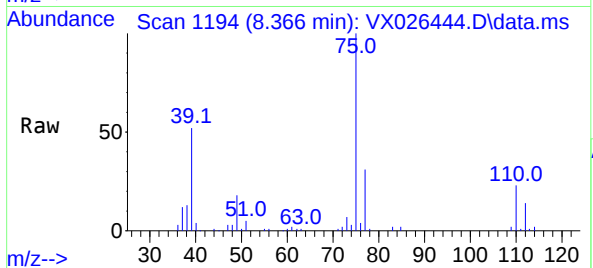
Tgt Ion: 75 Resp: 33930
Ion Ratio Lower Upper
75 100
77 30.4 23.4 35.2





#49
cis-1,3-Dichloropropene
Concen: 19.928 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

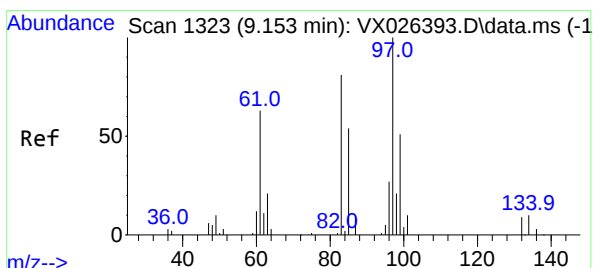
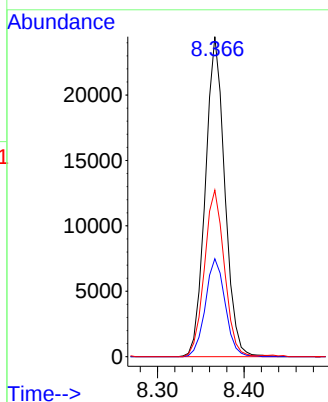
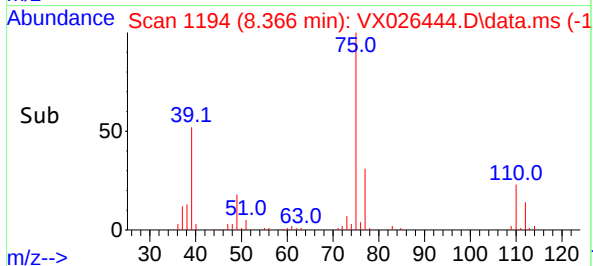
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



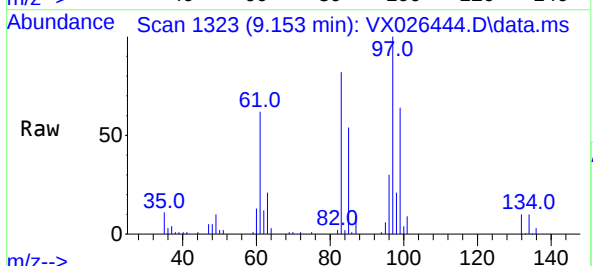
Tgt Ion: 75 Resp: 3806
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1
39 52.0 44.1 66.1

Manual Integrations
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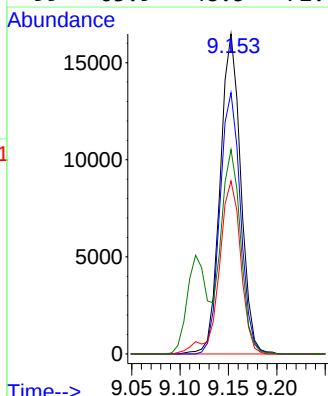
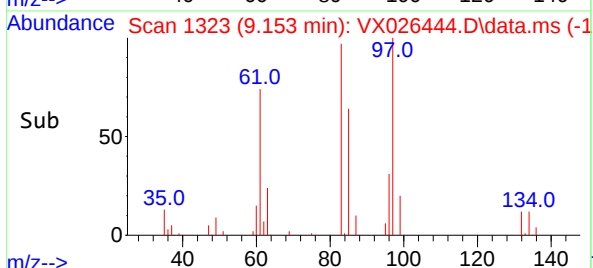
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

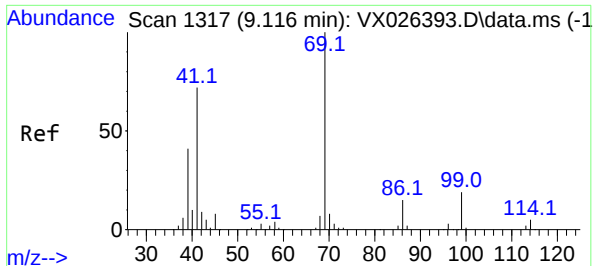


#50
1,1,2-Trichloroethane
Concen: 21.132 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



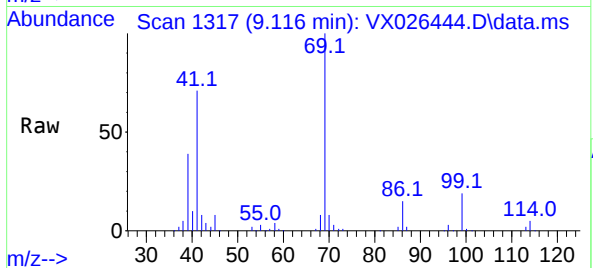
Tgt Ion: 97 Resp: 24356
Ion Ratio Lower Upper
97 100
83 81.6 64.6 96.8
85 54.1 44.1 66.1
99 63.9 48.5 72.7





#51
Ethyl methacrylate
Concen: 19.964 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

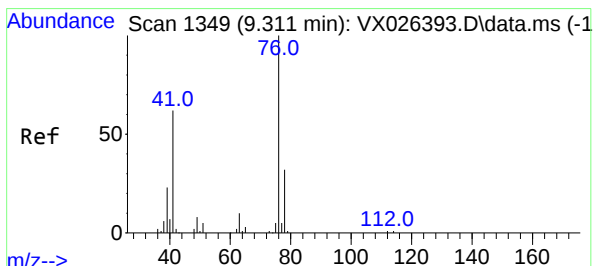
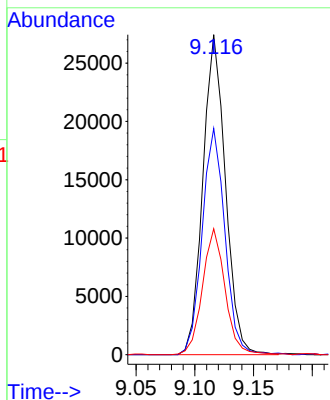
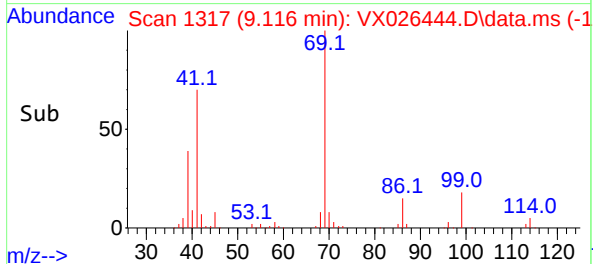
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



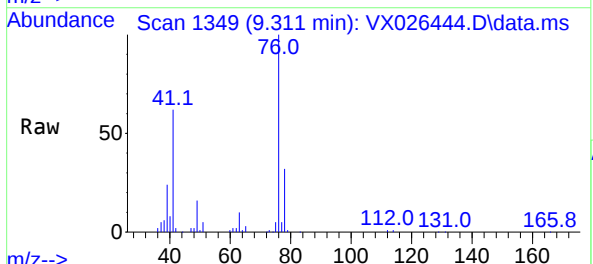
Tgt Ion: 69 Resp: 3668
Ion Ratio Lower Upper
69 100
41 70.7 35.9 107.7
39 39.1 20.3 61.0

Manual Integrations
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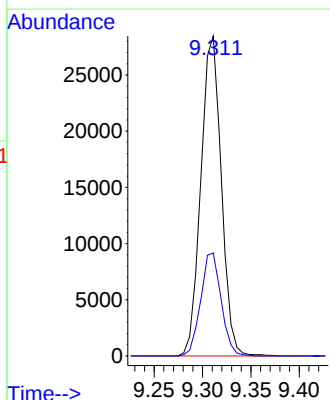
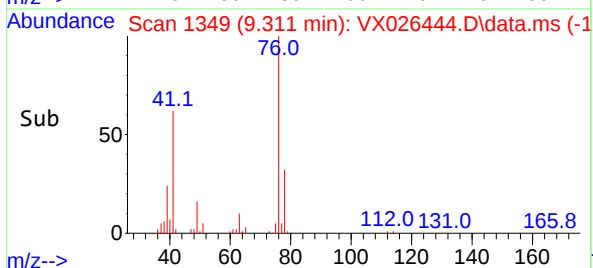
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

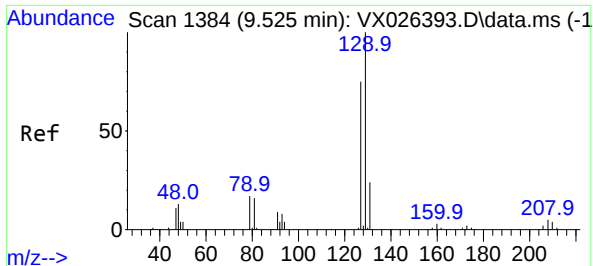


#52
1,3-Dichloropropane
Concen: 20.992 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 76 Resp: 41929
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





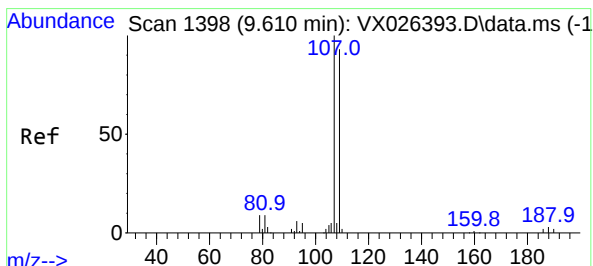
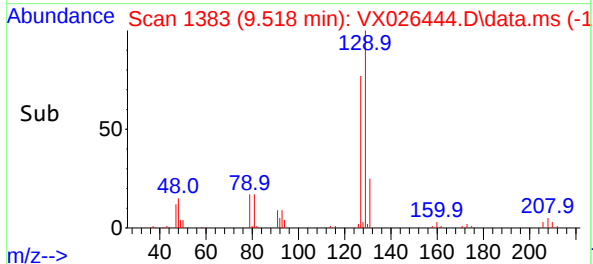
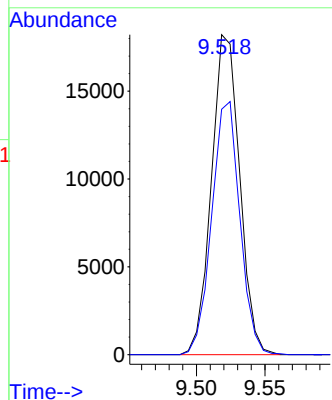
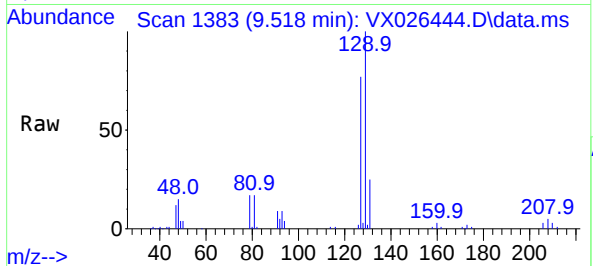
#53
Dibromochloromethane
Concen: 20.877 ug/l
RT: 9.518 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 2615
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9

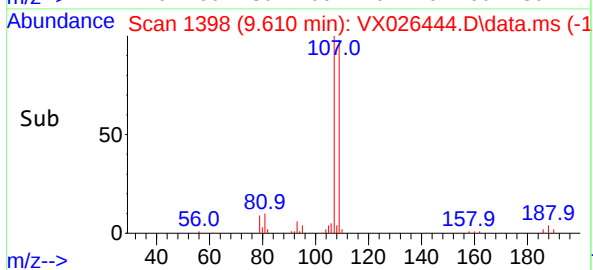
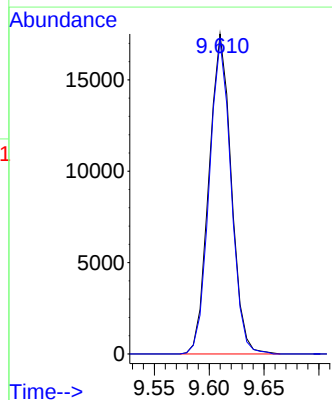
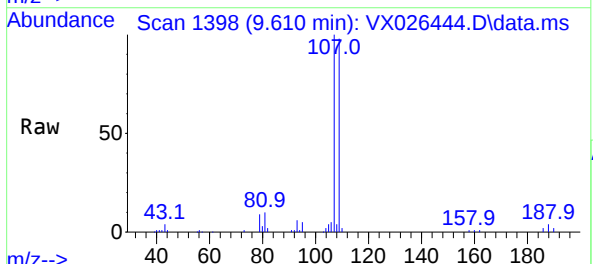
Manual Integrations
APPROVED

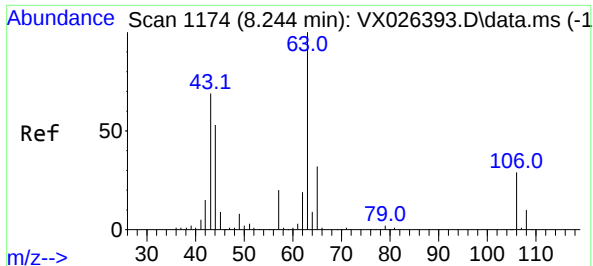
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#54
1,2-Dibromoethane
Concen: 20.283 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion:107 Resp: 24793
Ion Ratio Lower Upper
107 100
109 95.3 75.1 112.7





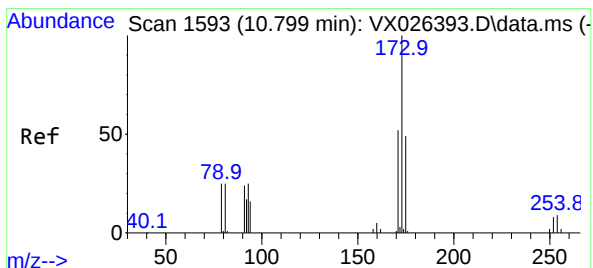
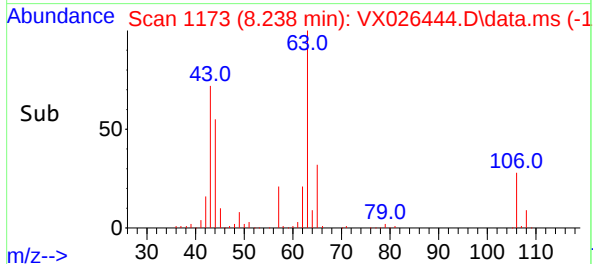
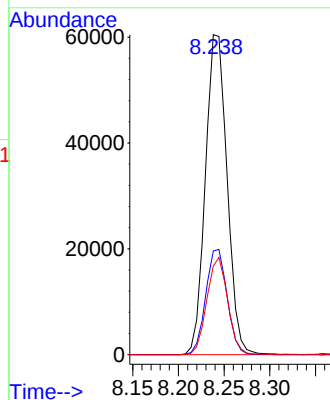
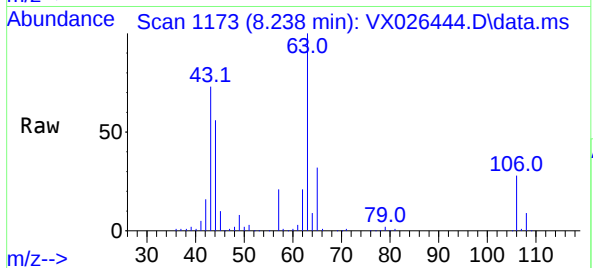
#55
2-Chloroethyl vinyl ether
Concen: 101.578 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 99854
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 29.2 23.1 34.7

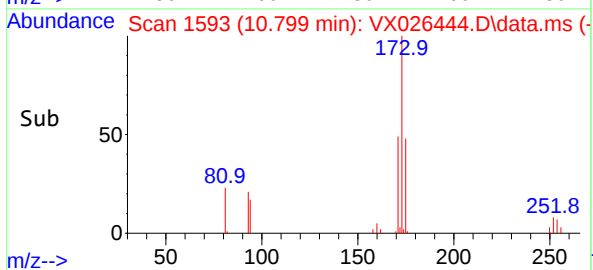
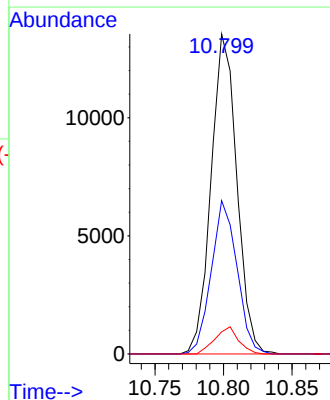
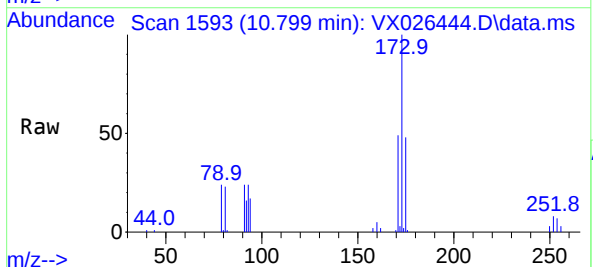
Manual Integrations
APPROVED

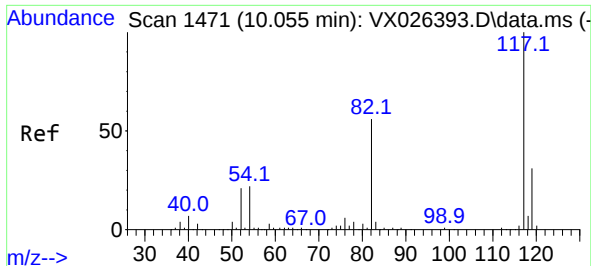
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#56
Bromoform
Concen: 21.277 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

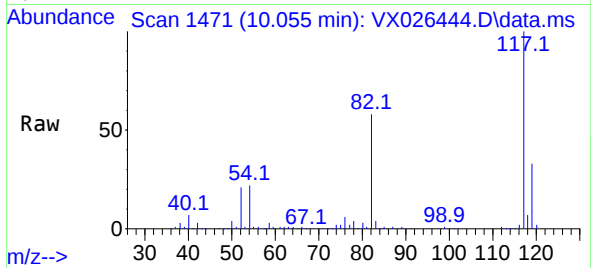
Tgt Ion:173 Resp: 17694
Ion Ratio Lower Upper
173 100
175 47.9 38.0 57.0
254 7.8 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

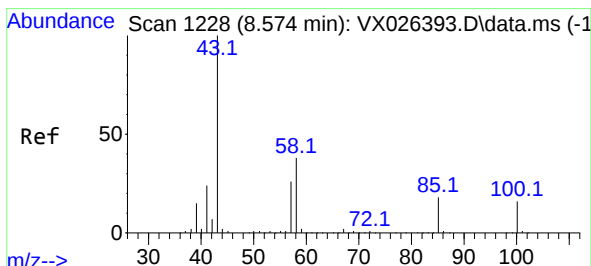
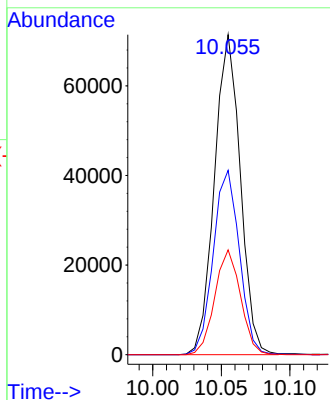
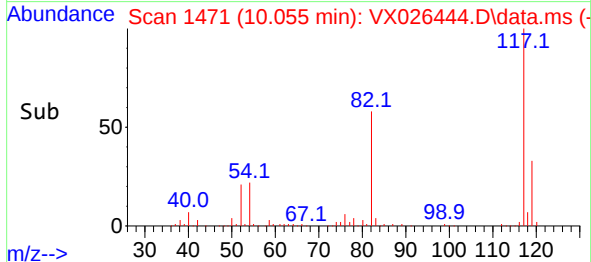
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 93824
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.7 25.4 38.2

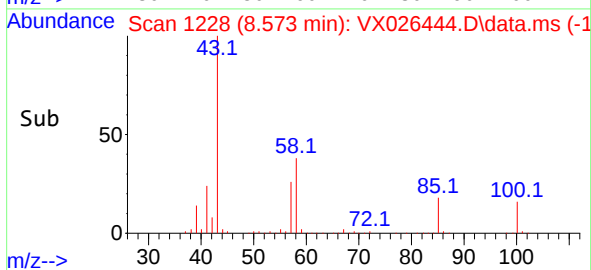
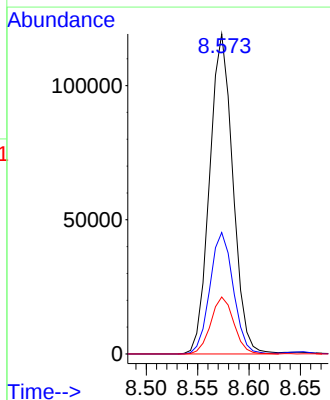
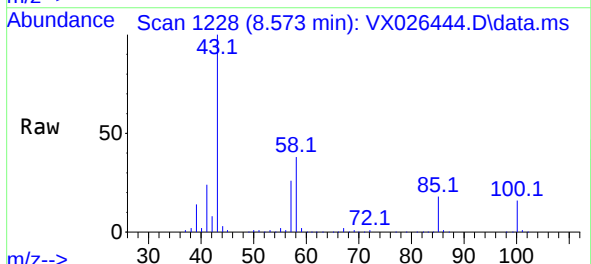
Manual Integrations
APPROVED

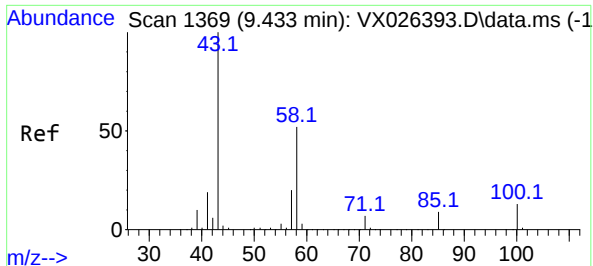
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#58
4-Methyl-2-Pentanone
Concen: 107.274 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 43 Resp: 187737
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4
85 17.7 14.1 21.1





#59

2-Hexanone

Concen: 115.642 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 15670

Ion Ratio Lower Upper

43 100

58 52.7 42.0 63.0

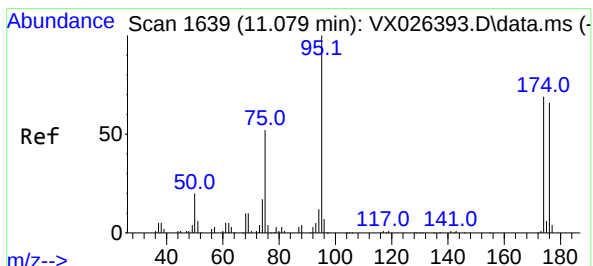
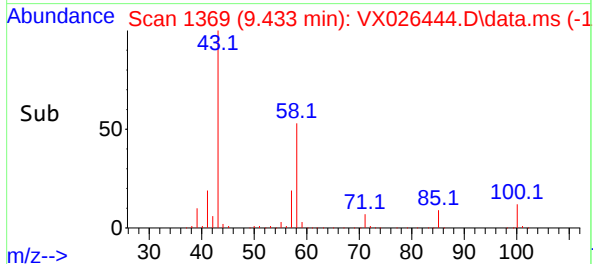
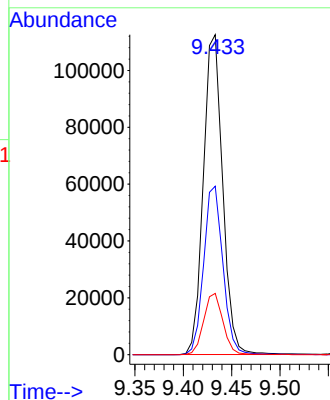
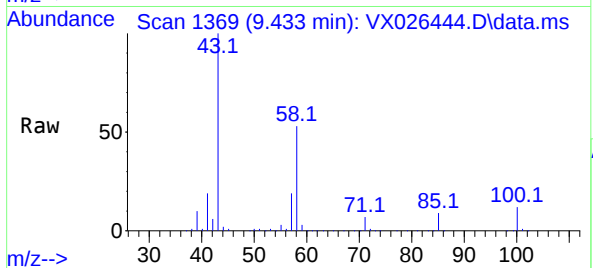
57 19.2 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#60

4-Bromofluorobenzene

Concen: 31.003 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

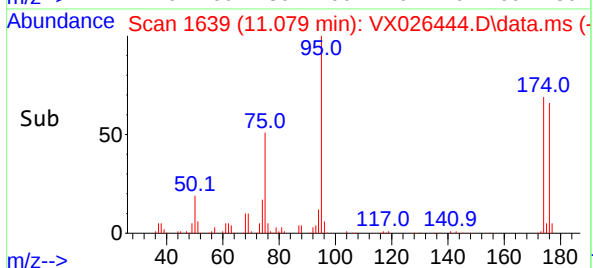
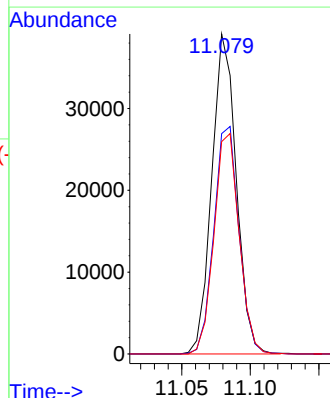
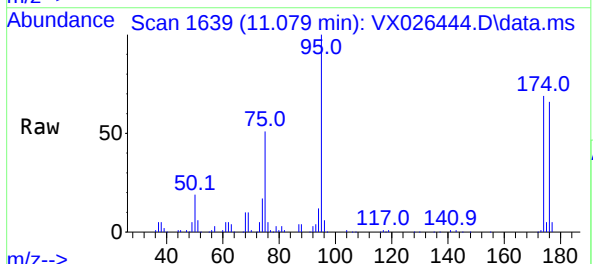
Tgt Ion: 95 Resp: 48545

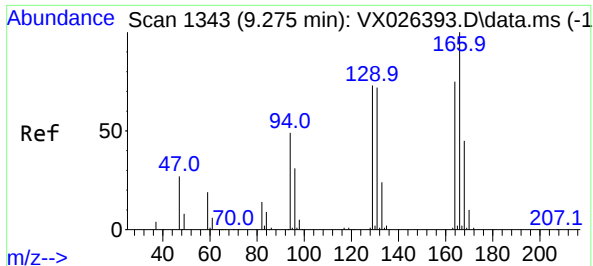
Ion Ratio Lower Upper

95 100

174 72.9 58.0 87.0

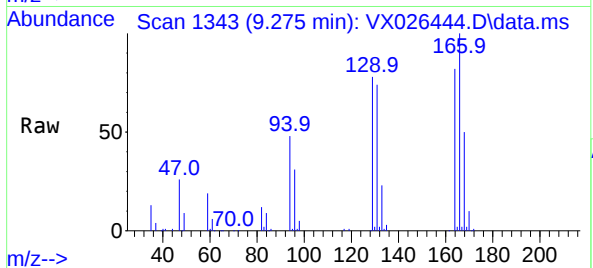
176 70.7 56.5 84.7





#61
Tetrachloroethene
Concen: 20.193 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

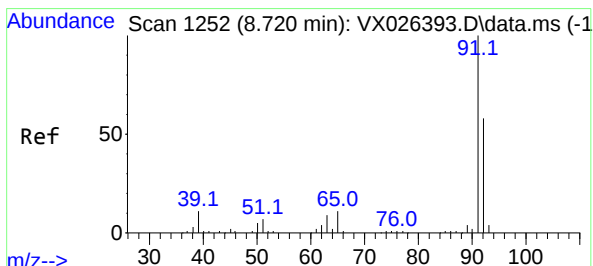
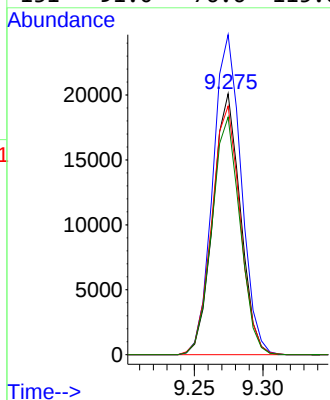
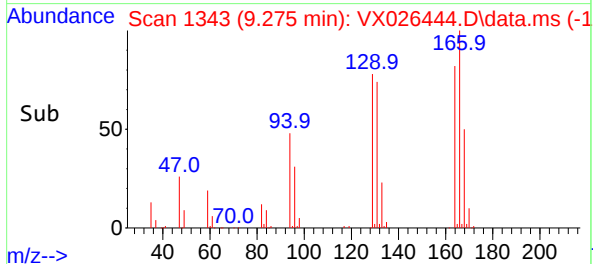
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



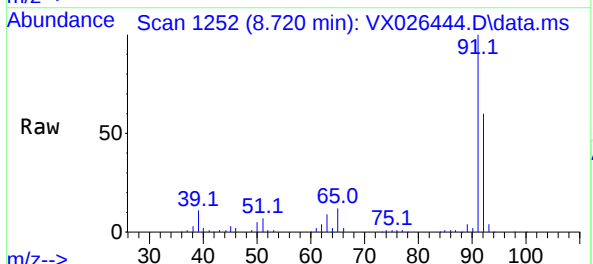
Tgt Ion:164 Resp: 27924
Ion Ratio Lower Upper
164 100
166 122.6 107.0 160.4
129 95.3 77.6 116.4
131 91.0 76.6 115.0

Manual Integrations
APPROVED

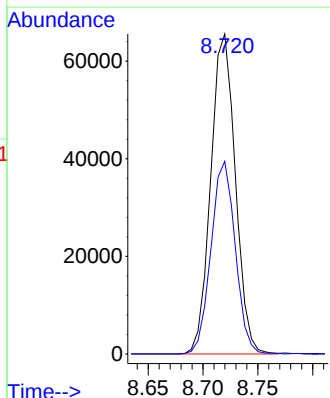
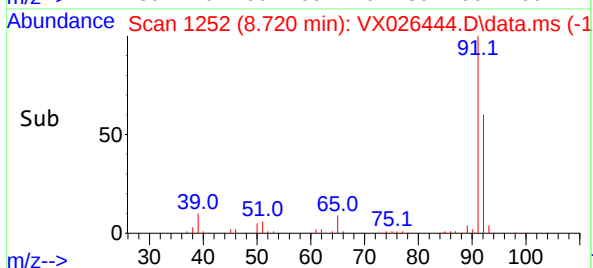
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

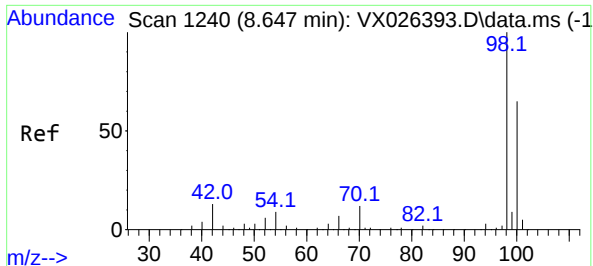


#62
Toluene
Concen: 20.430 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



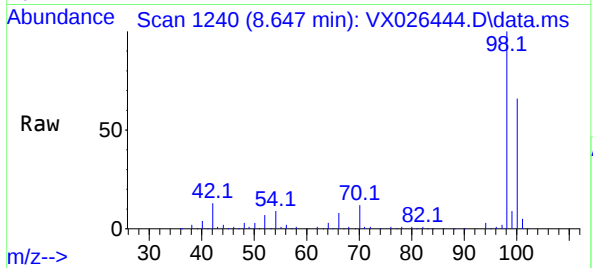
Tgt Ion: 91 Resp: 102335
Ion Ratio Lower Upper
91 100
92 59.4 47.2 70.8





#63
Toluene-d8
Concen: 30.254 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

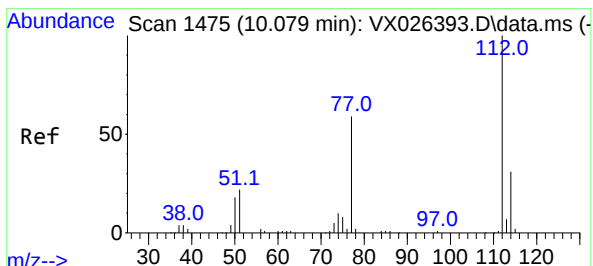
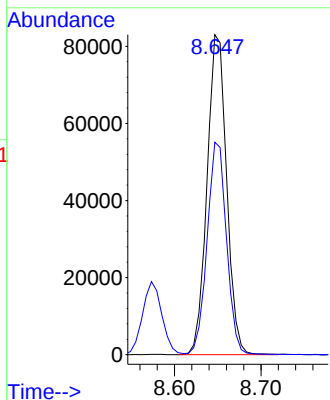
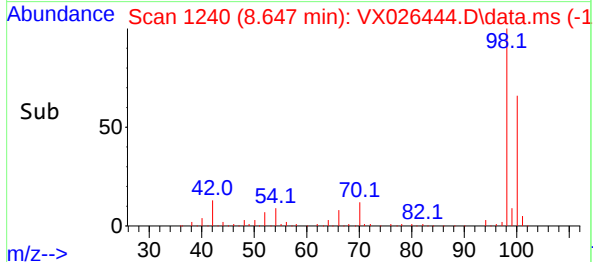
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



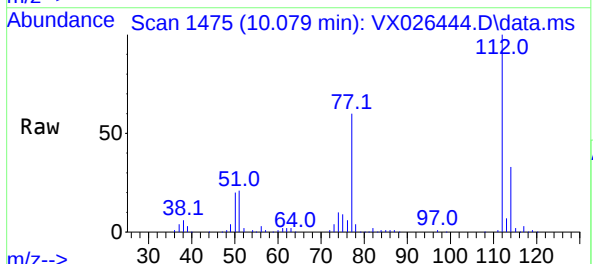
Tgt Ion: 98 Resp: 130400
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

Manual Integrations
APPROVED

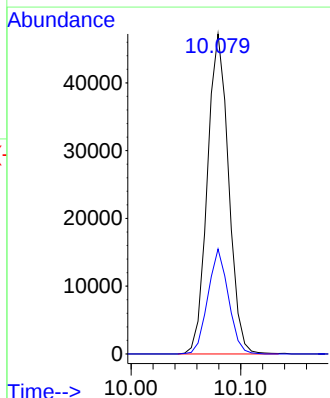
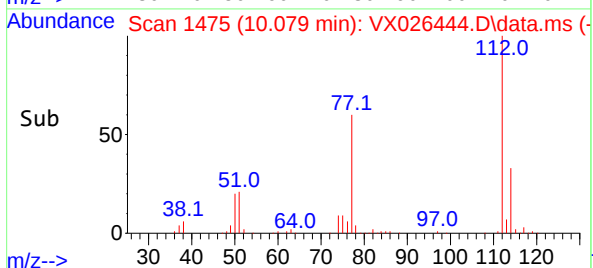
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

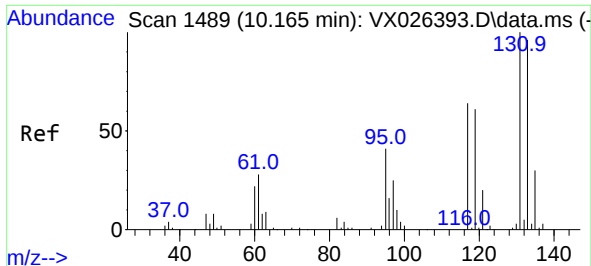


#64
Chlorobenzene
Concen: 20.873 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



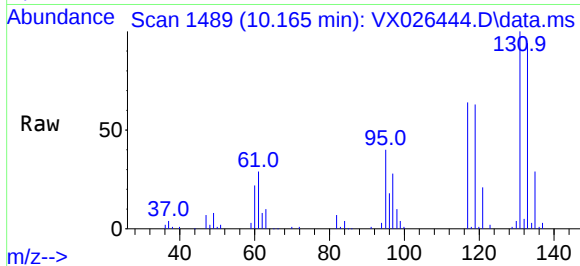
Tgt Ion:112 Resp: 63475
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.669 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

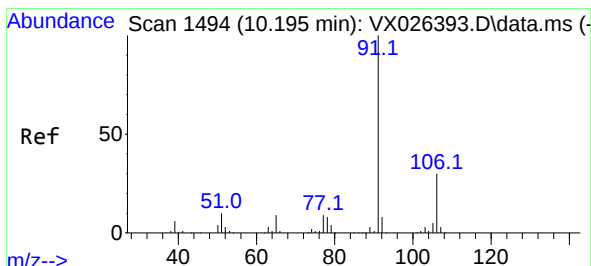
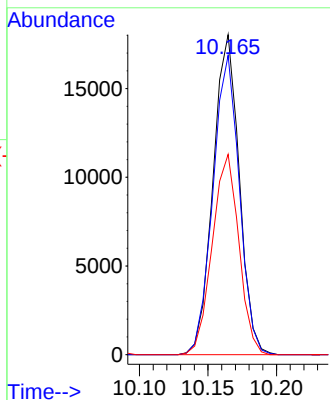
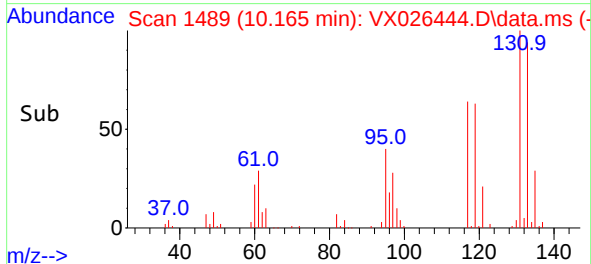
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



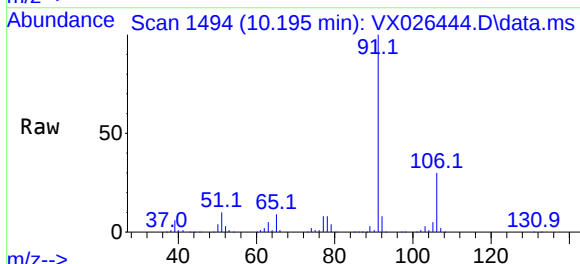
Tgt Ion:131 Resp: 23934
Ion Ratio Lower Upper
131 100
133 94.5 0.0 191.4
119 63.7 0.0 125.4

Manual Integrations
APPROVED

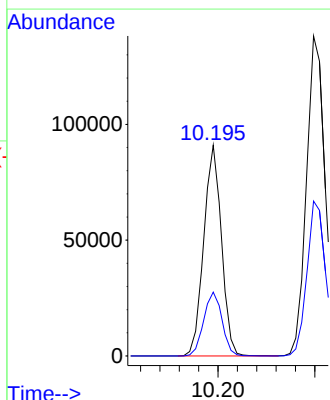
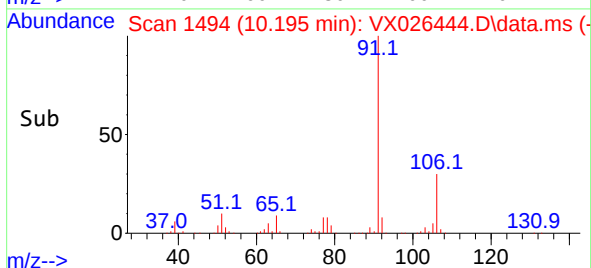
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

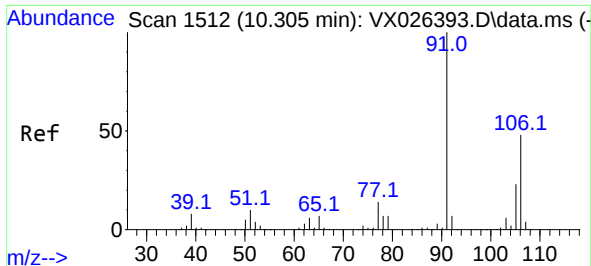


#66
Ethyl Benzene
Concen: 20.703 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 91 Resp: 116031
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6





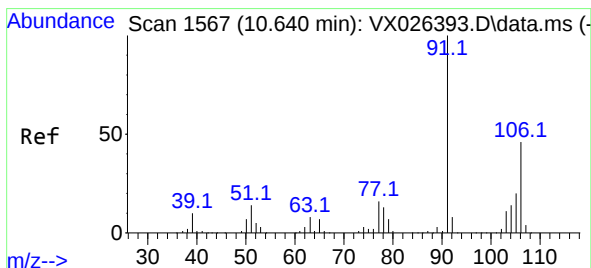
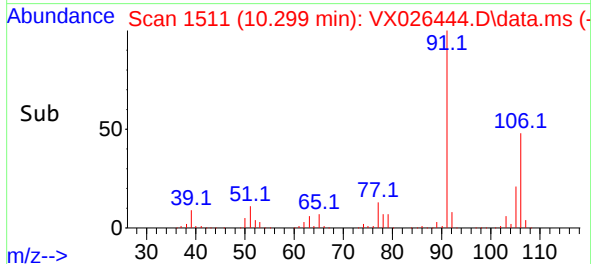
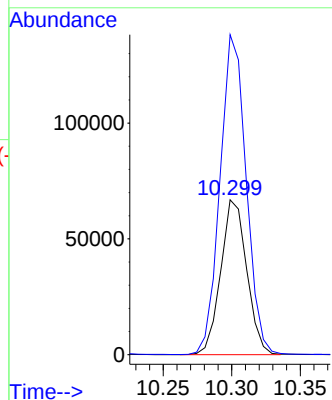
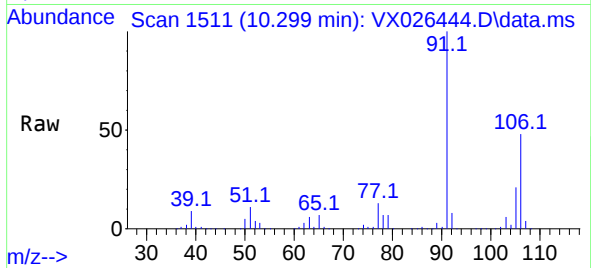
#67
m/p-Xylenes
Concen: 42.455 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 8840
Ion Ratio Lower Upper
106 100
91 207.8 167.2 250.8

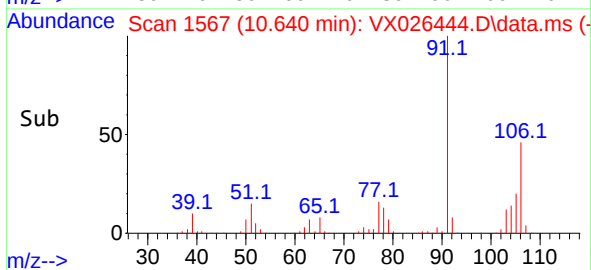
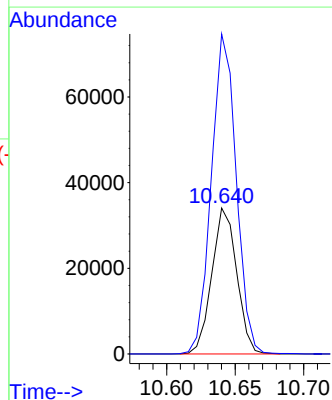
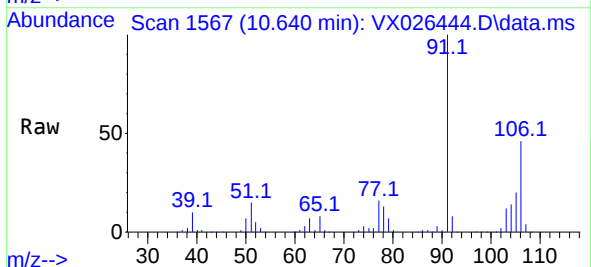
Manual Integrations
APPROVED

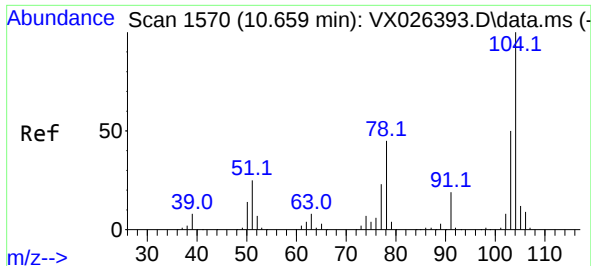
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#68
o-Xylene
Concen: 21.316 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion:106 Resp: 43048
Ion Ratio Lower Upper
106 100
91 219.0 108.7 326.3





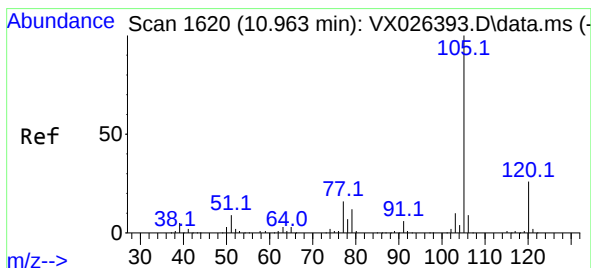
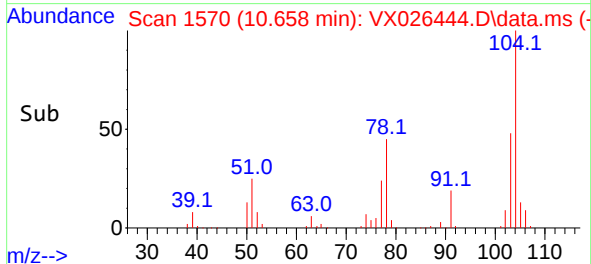
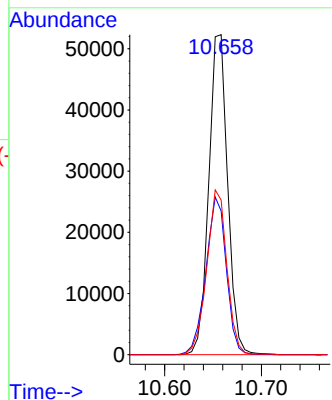
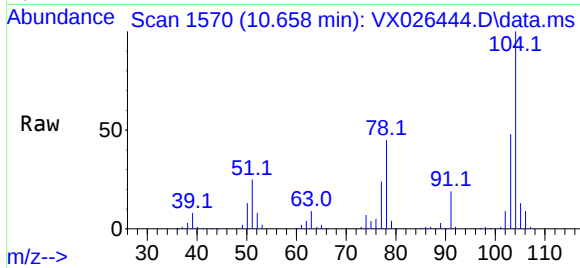
#69
Styrene
Concen: 21.184 ug/l
RT: 10.658 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 7111
Ion Ratio Lower Upper
104 100
78 53.2 43.3 64.9
103 54.8 44.6 67.0

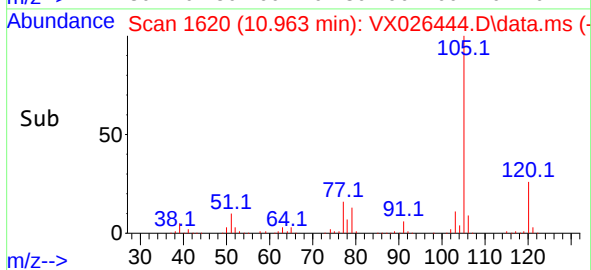
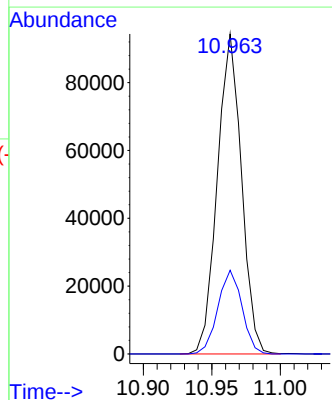
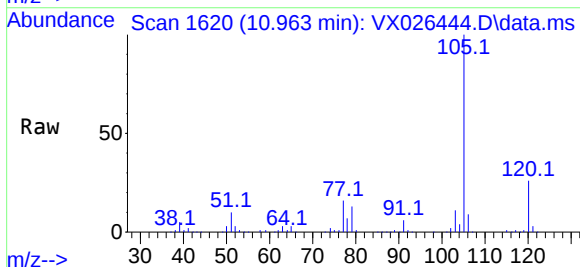
Manual Integrations
APPROVED

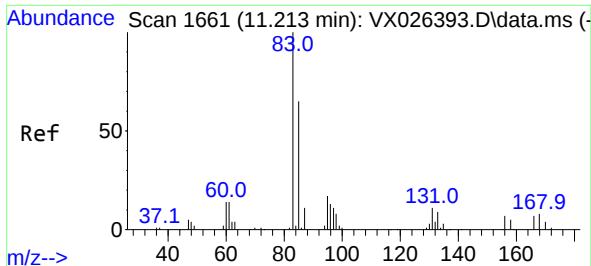
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#70
Isopropylbenzene
Concen: 21.286 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

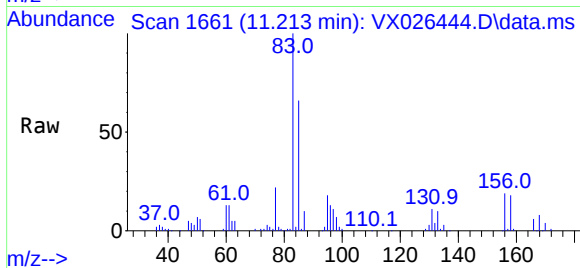
Tgt Ion:105 Resp: 115336
Ion Ratio Lower Upper
105 100
120 26.1 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 22.032 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

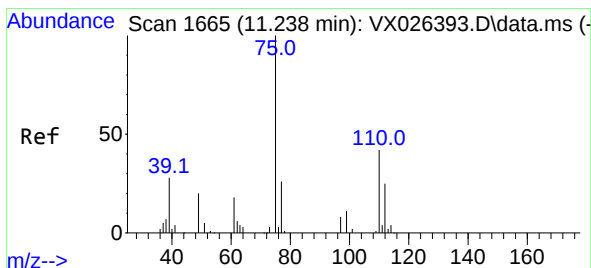
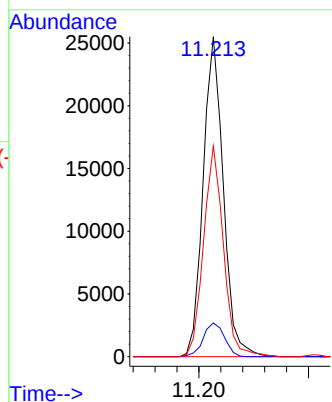
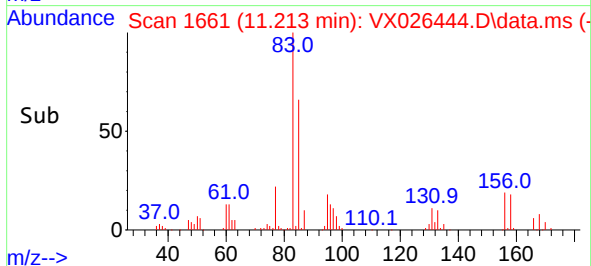
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



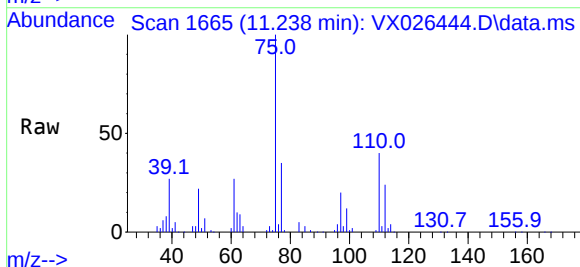
Tgt Ion: 83 Resp: 32532
Ion Ratio Lower Upper
83 100
131 11.2 5.3 16.1
85 65.0 32.3 96.9

Manual Integrations
APPROVED

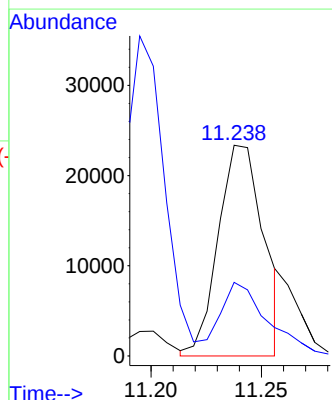
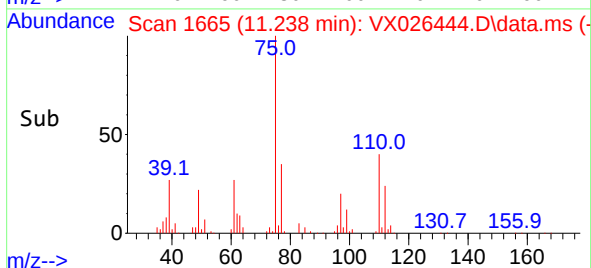
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

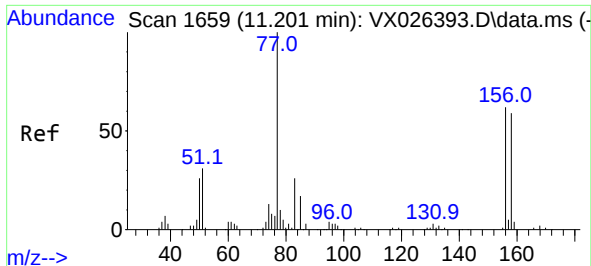


#72
1,2,3-Trichloropropane
Concen: 22.390 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 75 Resp: 33529
Ion Ratio Lower Upper
75 100
77 37.5 0.0 76.2





#73
Bromobenzene
Concen: 21.288 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

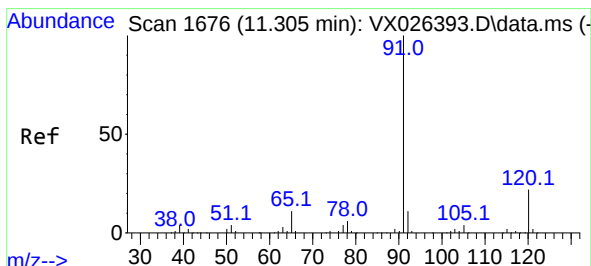
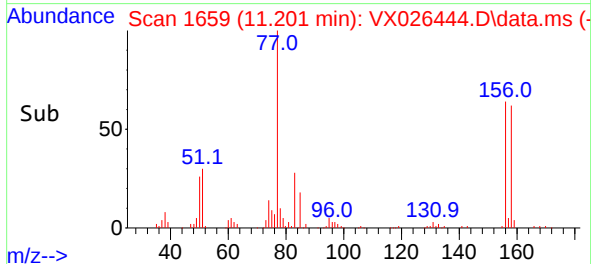
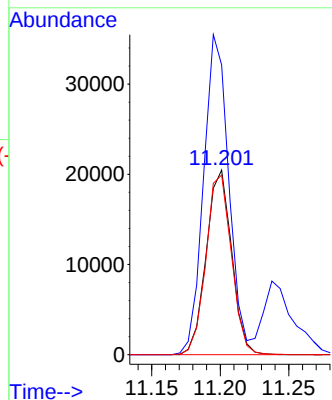
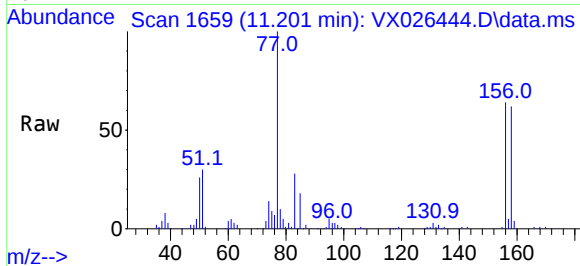
VSTDCCC020

Tgt Ion:156 Resp: 2640
Ion Ratio Lower Upper
156 100
77 171.0 0.0 342.6
158 97.7 0.0 190.2

Manual Integrations

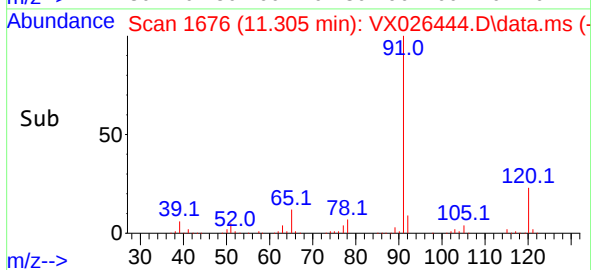
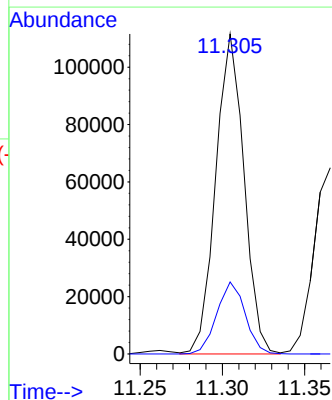
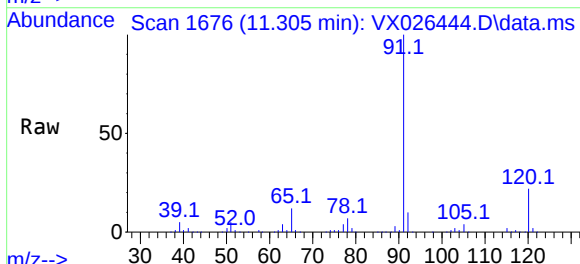
APPROVED

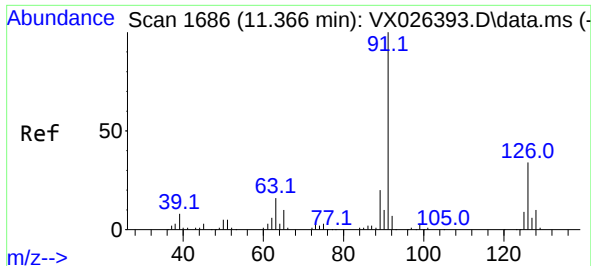
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#74
n-propylbenzene
Concen: 21.286 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Tgt Ion: 91 Resp: 133220
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.8





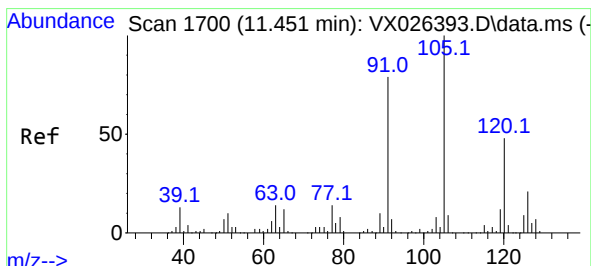
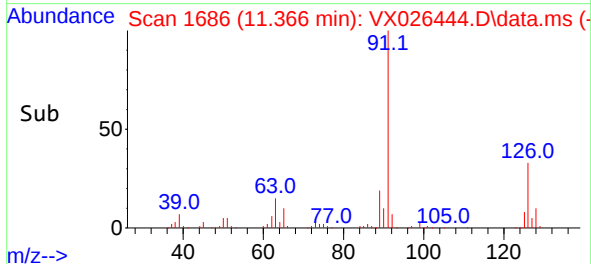
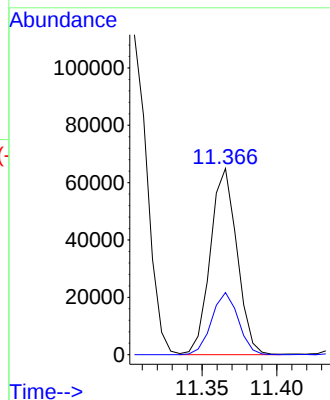
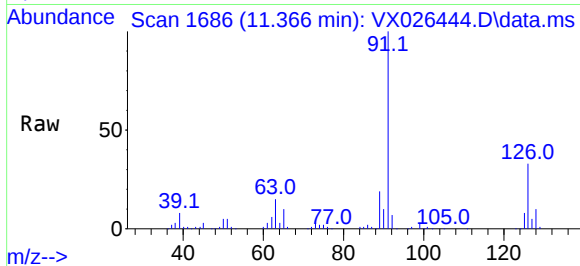
#75
2-Chlorotoluene
Concen: 21.453 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 80658
Ion Ratio Lower Upper
91 100
126 33.2 0.0 66.0

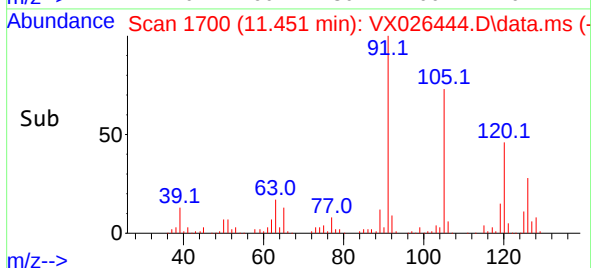
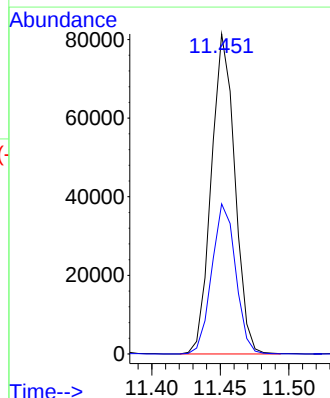
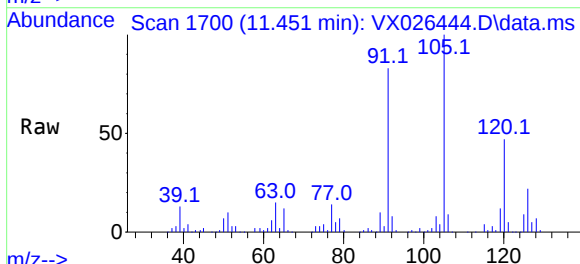
Manual Integrations
APPROVED

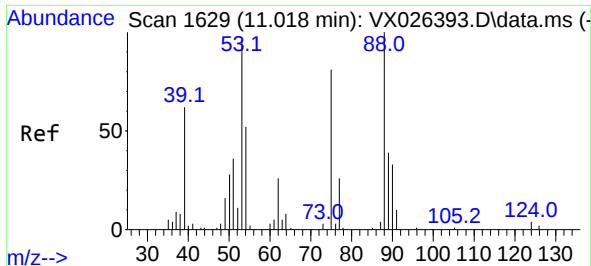
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.463 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

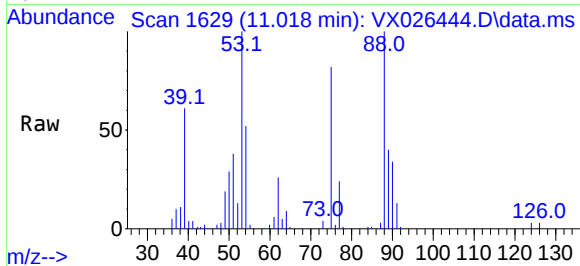
Tgt Ion:105 Resp: 97142
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.054 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

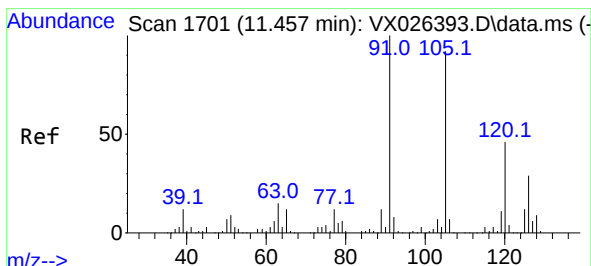
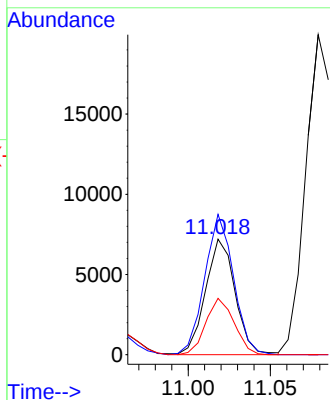
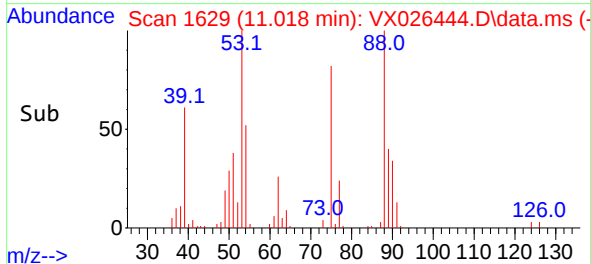
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



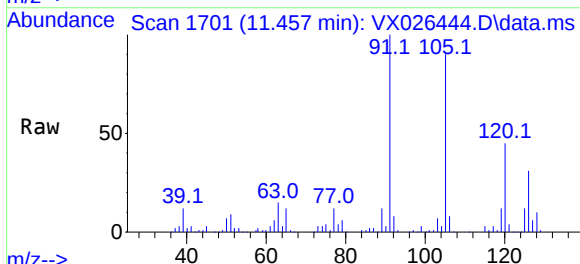
Tgt Ion: 75 Resp: 9032
Ion Ratio Lower Upper
75 100
53 122.4 59.0 176.8
89 49.1 24.0 72.0

Manual Integrations
APPROVED

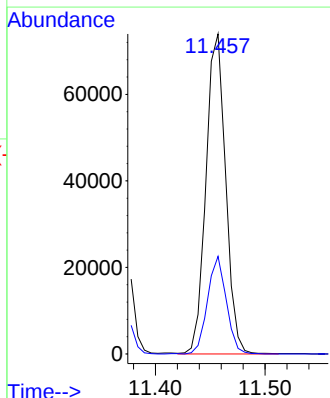
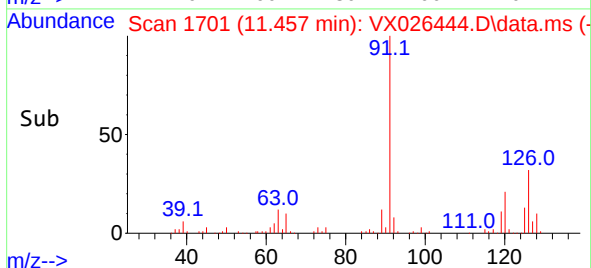
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

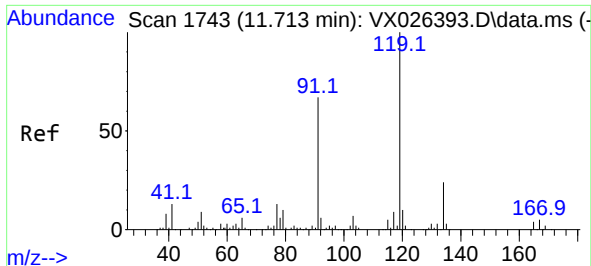


#78
4-Chlorotoluene
Concen: 21.544 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion: 91 Resp: 92345
Ion Ratio Lower Upper
91 100
126 29.0 0.0 56.2





#79

tert-butylbenzene

Concen: 21.497 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX026444.D

Acq: 14 Jan 2022 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 90060

Ion Ratio Lower Upper

119 100

91 63.2 0.0 129.0

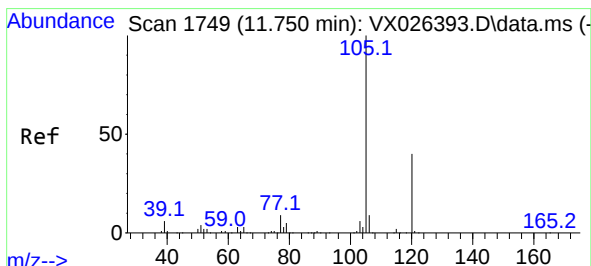
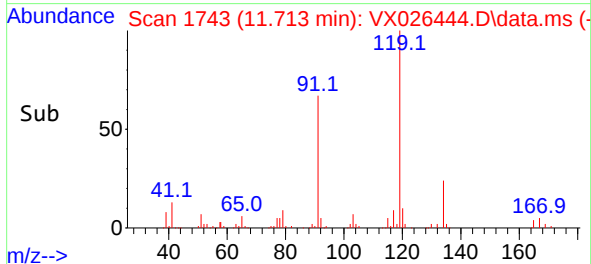
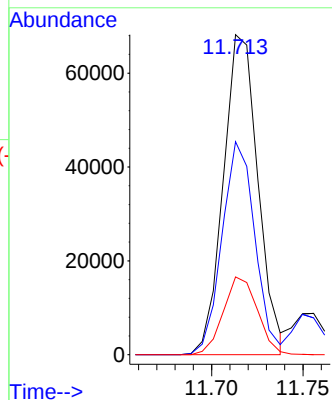
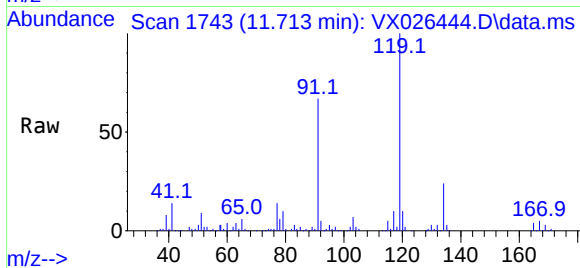
134 24.0 0.0 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#80

1,2,4-Trimethylbenzene

Concen: 21.322 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX026444.D

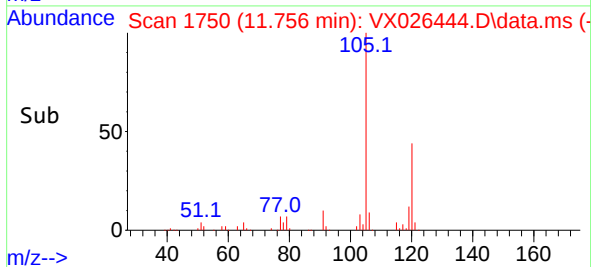
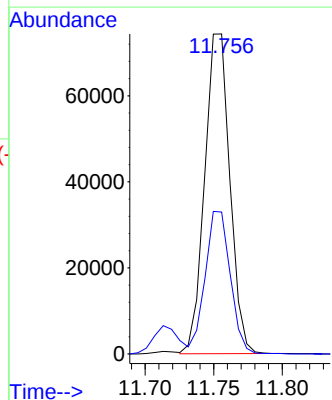
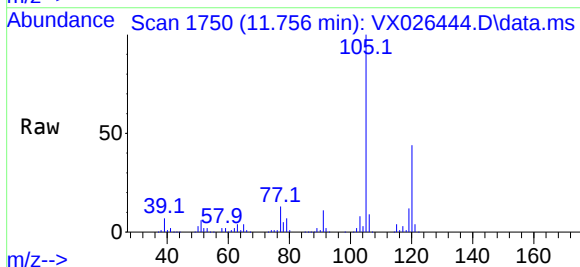
Acq: 14 Jan 2022 10:15

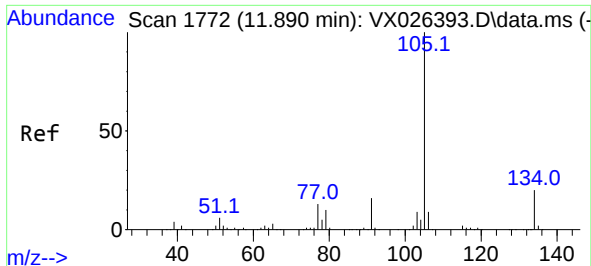
Tgt Ion:105 Resp: 95320

Ion Ratio Lower Upper

105 100

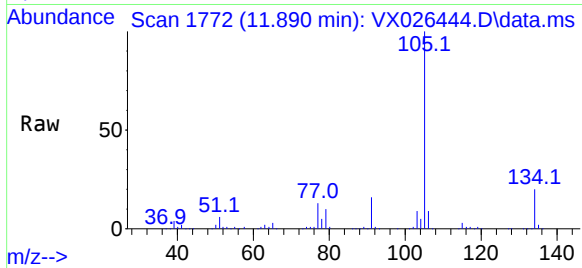
120 44.4 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 21.726 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX026444.D
 Acq: 14 Jan 2022 10:15

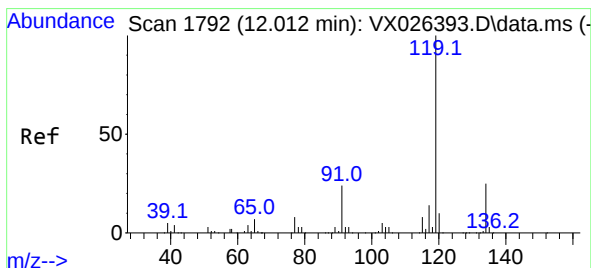
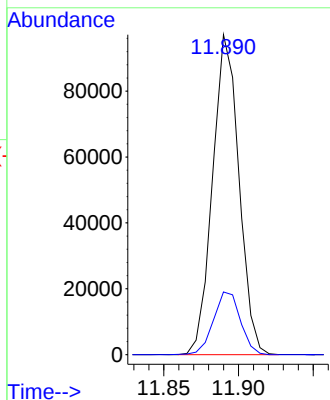
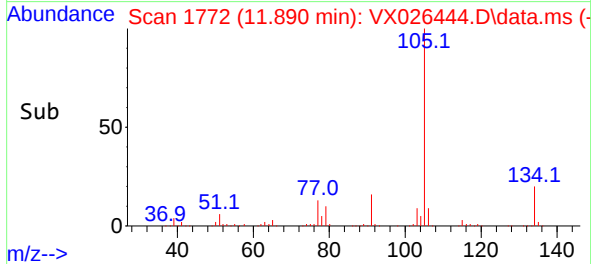
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



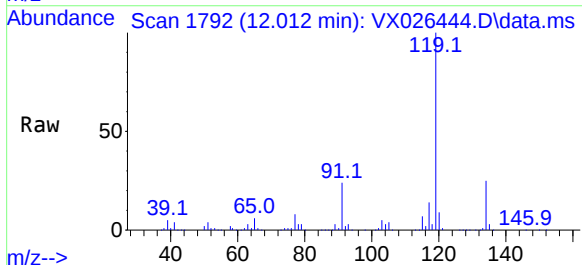
Tgt Ion:105 Resp: 119225
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 40.4

Manual Integrations
 APPROVED

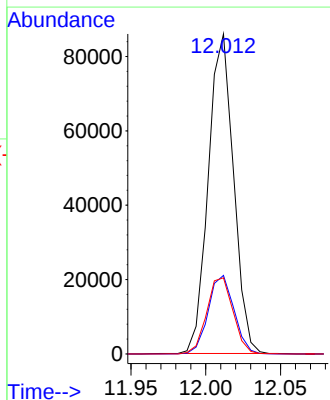
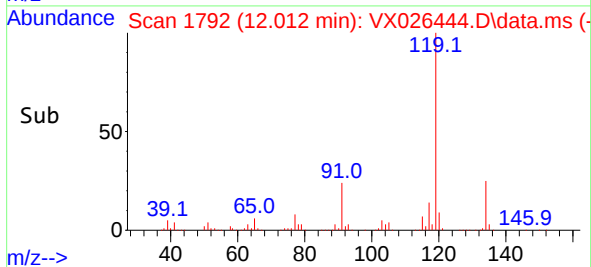
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022

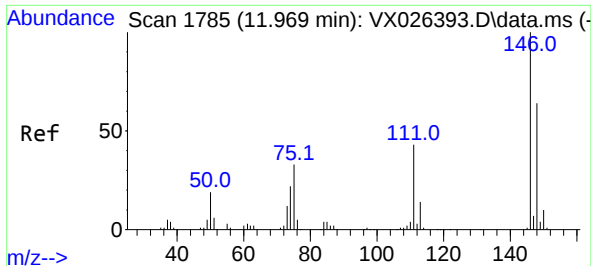


#82
 p-Isopropyltoluene
 Concen: 21.752 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX026444.D
 Acq: 14 Jan 2022 10:15



Tgt Ion:119 Resp: 100838
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.8
 91 24.9 0.0 50.2





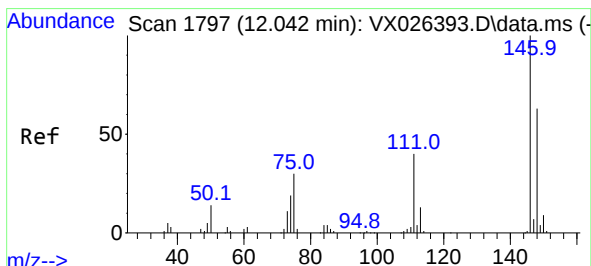
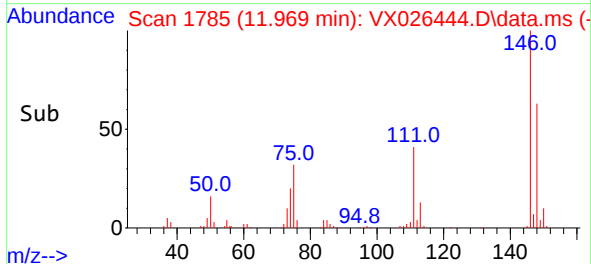
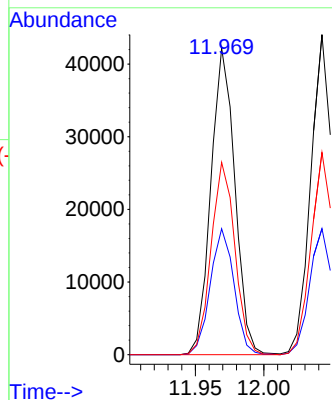
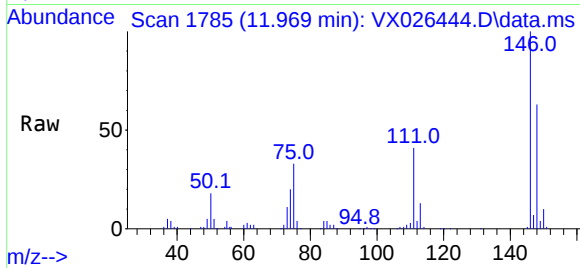
#83
1,3-Dichlorobenzene
Concen: 22.236 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:146 Resp: 51328
Ion Ratio Lower Upper
146 100
111 40.7 21.3 64.0
148 62.3 32.0 96.0

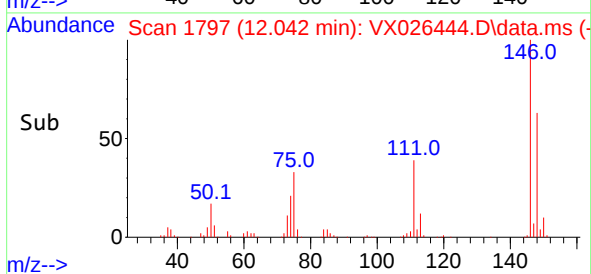
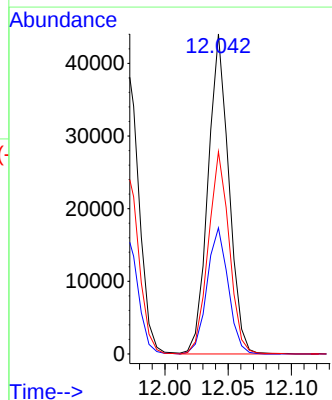
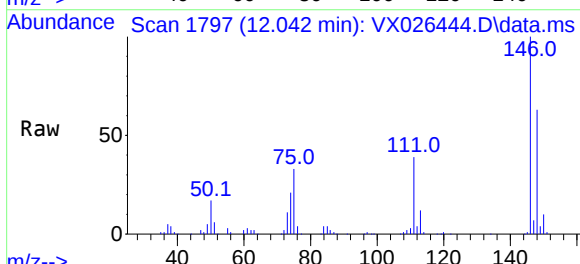
Manual Integrations
APPROVED

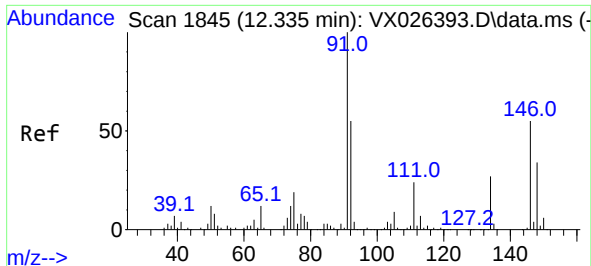
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#84
1,4-Dichlorobenzene
Concen: 21.832 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

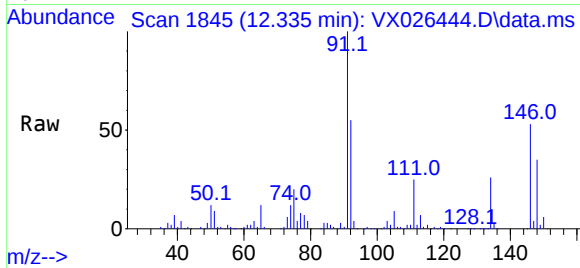
Tgt Ion:146 Resp: 50496
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.3 31.6 94.7





#85
n-Butylbenzene
Concen: 21.697 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

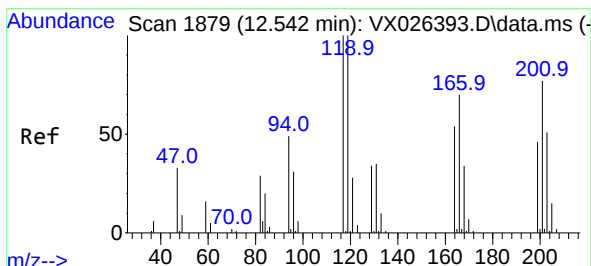
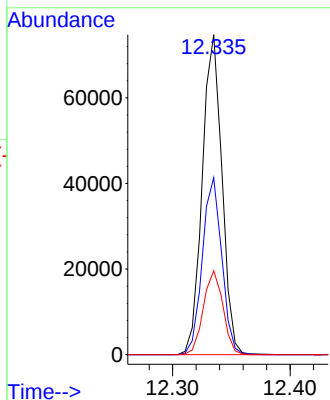
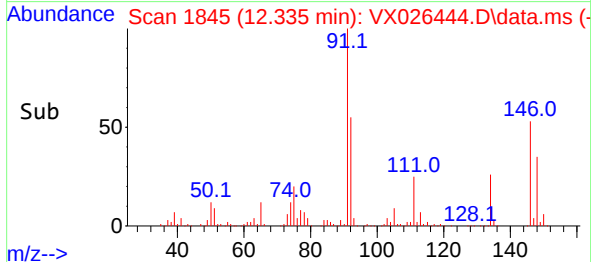
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



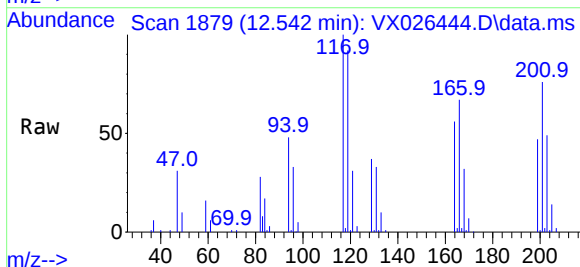
Tgt Ion: 91 Resp: 8705
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.4
134 26.1 0.0 52.6

Manual Integrations
APPROVED

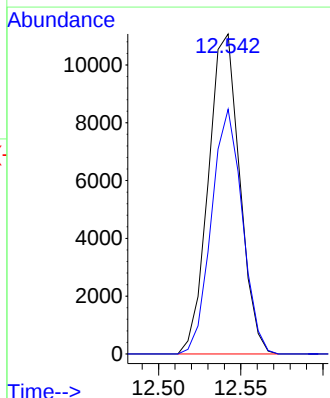
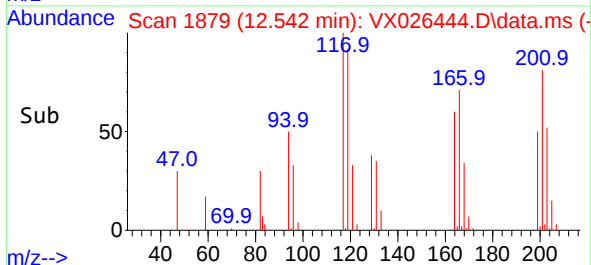
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

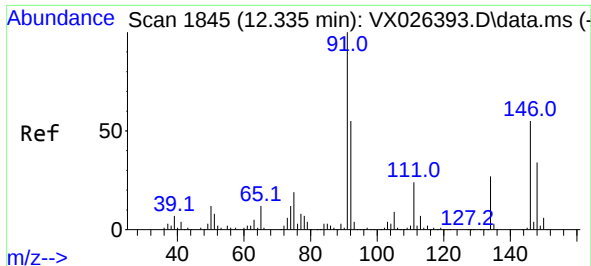


#86
Hexachloroethane
Concen: 21.022 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



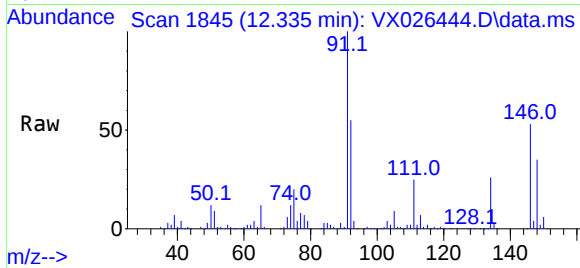
Tgt Ion:117 Resp: 14713
Ion Ratio Lower Upper
117 100
201 75.2 36.3 108.7





#87
1,2-Dichlorobenzene
Concen: 22.024 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

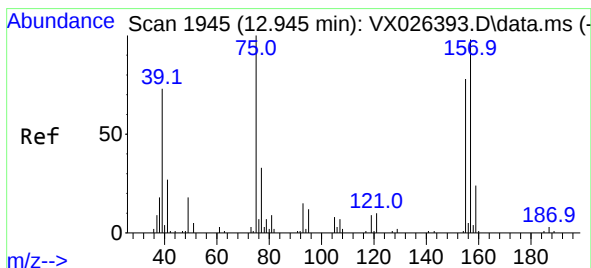
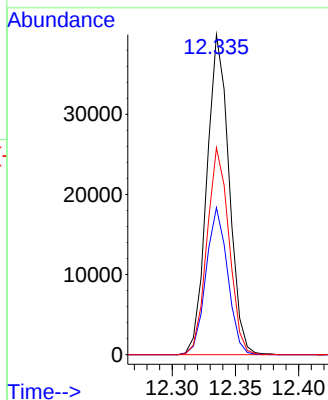
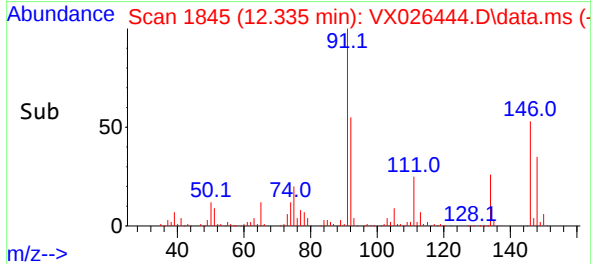
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



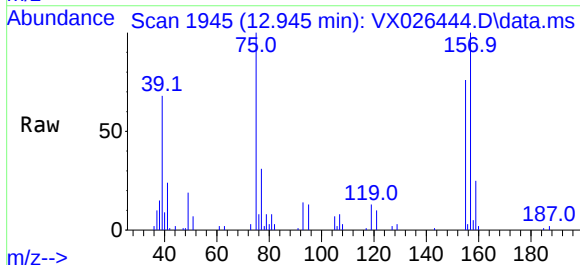
Tgt Ion:146 Resp: 48849
Ion Ratio Lower Upper
146 100
111 44.8 21.9 65.8
148 64.0 31.6 94.7

Manual Integrations
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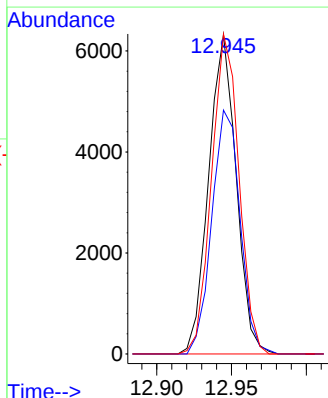
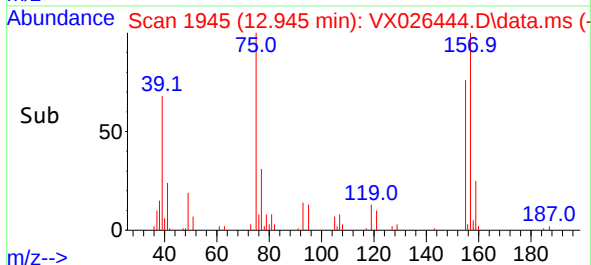
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

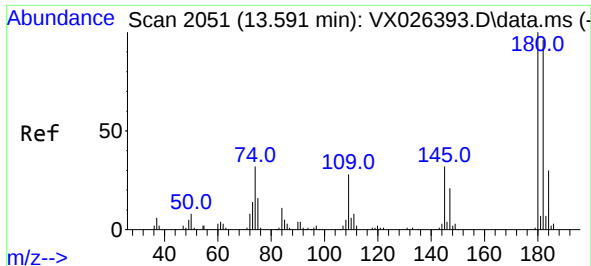


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.468 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



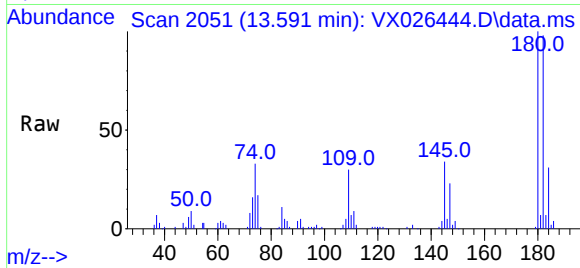
Tgt Ion: 75 Resp: 8088
Ion Ratio Lower Upper
75 100
155 78.6 65.4 98.0
157 99.9 82.1 123.1





#89
1,2,4-Trichlorobenzene
Concen: 21.396 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

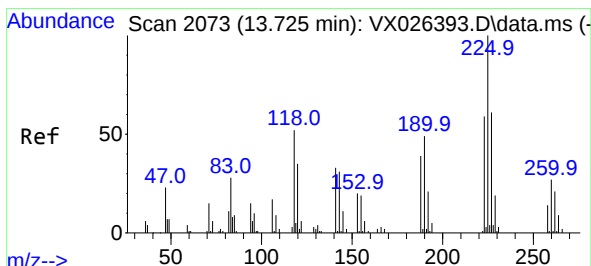
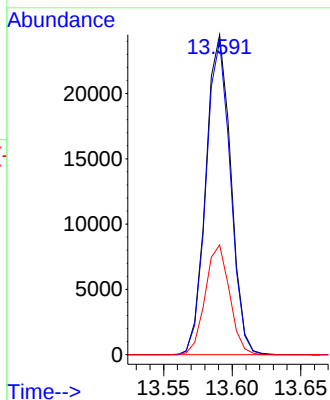
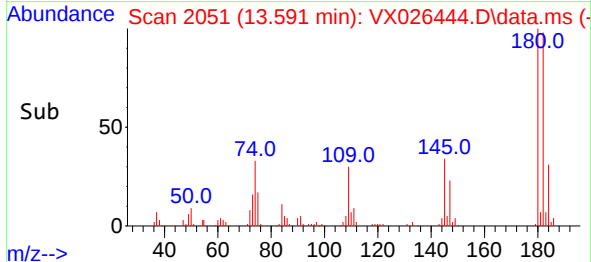
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



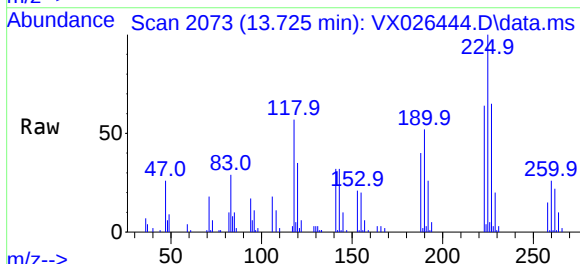
Tgt Ion:180 Resp: 31060
Ion Ratio Lower Upper
180 100
182 95.9 75.8 113.8
145 33.4 26.6 39.8

Manual Integrations
APPROVED

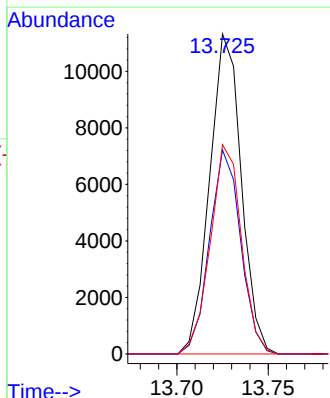
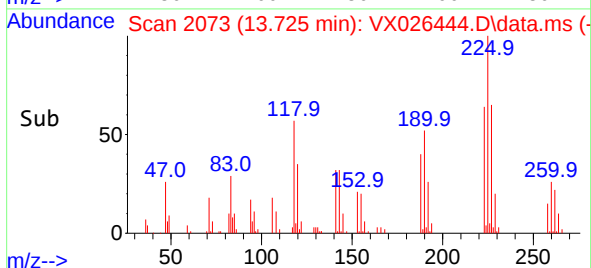
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

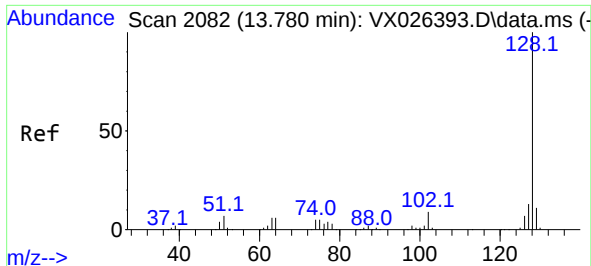


#90
Hexachlorobutadiene
Concen: 21.516 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



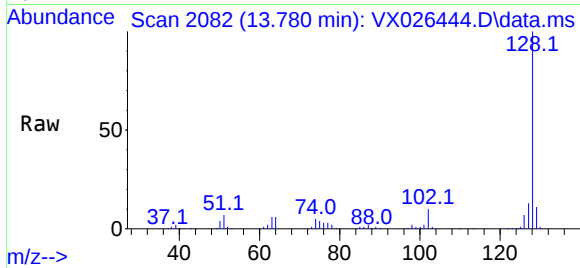
Tgt Ion:225 Resp: 13635
Ion Ratio Lower Upper
225 100
223 62.8 0.0 121.6
227 64.3 0.0 122.8





#91
Naphthalene
Concen: 21.030 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15

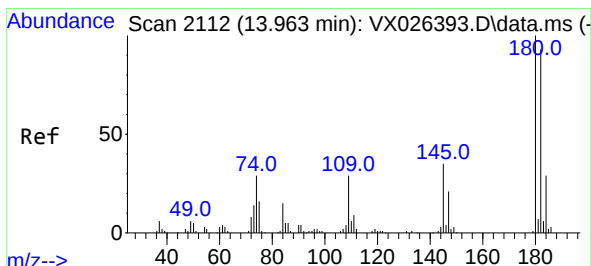
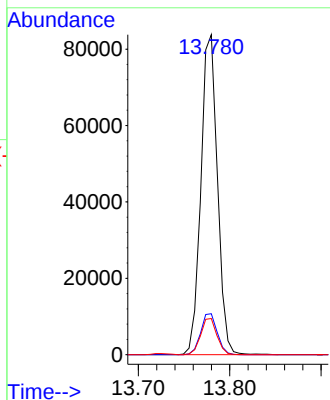
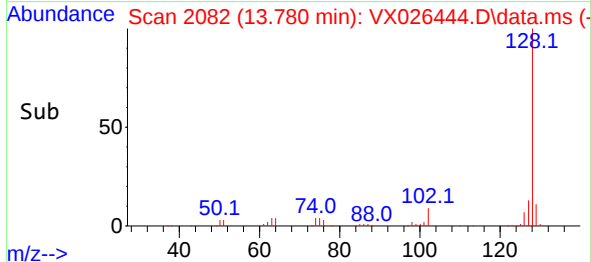
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



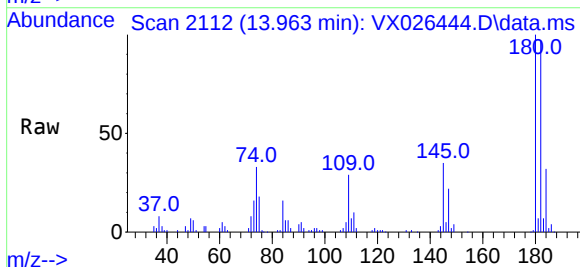
Tgt Ion:128 Resp: 10555
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.369 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX026444.D
Acq: 14 Jan 2022 10:15



Tgt Ion:180 Resp: 30861
Ion Ratio Lower Upper
180 100
182 94.8 0.0 187.4
145 35.4 0.0 70.2

