

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011422\
 Data File : VX026455.D
 Acq On : 14 Jan 2022 15:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 05:59:28 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	4.904	128	17067	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	95827	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85143	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	40280	29.350	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.833%	
60) 4-Bromofluorobenzene	11.079	95	43510	30.620	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	102.067%	
63) Toluene-d8	8.653	98	113355	28.981	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21051	20.478	ug/l	95
3) Chloromethane	1.295	50	19026	21.185	ug/l	99
4) Vinyl Chloride	1.374	62	19518	19.659	ug/l	96
5) Bromomethane	1.612	94	11083	24.794	ug/l	98
6) Chloroethane	1.691	64	11848	21.031	ug/l	97
7) Trichlorofluoromethane	1.892	101	30099	19.129	ug/l	99
8) Diethyl Ether	2.136	74	11383	20.275	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	19751	20.111	ug/l	97
10) 1,1-Dichloroethene	2.325	96	18208	19.847	ug/l	95
11) Methyl Iodide	2.453	142	19627	19.699	ug/l	97
12) Methyl Acetate	2.703	43	40916	21.289	ug/l	99
13) Acrolein	2.240	56	17103	85.865	ug/l	98
14) Acrylonitrile	3.069	53	58160	108.487	ug/l	99
15) Acetone	2.380	58	17854	106.022	ug/l	88
16) Carbon Disulfide	2.514	76	49476	19.097	ug/l	99
17) Allyl chloride	2.666	41	33578	19.018	ug/l	98
18) Methylene Chloride	2.794	84	21084	20.865	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	19739	20.016	ug/l	97
20) Diisopropyl ether	3.764	45	69881	20.364	ug/l	97
21) 1,1-Dichloroethane	3.611	63	37649	19.928	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	23288	20.184	ug/l	96
23) tert-Butyl Alcohol	2.959	59	19350	99.510	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	67698	19.843	ug/l	99
25) Chloroform	5.099	83	54362	27.770	ug/l	97
26) Cyclohexane	5.471	56	34950	20.225	ug/l #	99
29) 1,1-Dichloropropene	5.696	75	29143	19.691	ug/l	99
30) 2-Butanone	4.562	43	84681	98.521	ug/l	98
31) 2,2-Dichloropropane	4.483	77	25348	16.535	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	33402	18.538	ug/l	98
33) Carbon Tetrachloride	5.684	117	29200	18.293	ug/l	97
34) Benzene	6.044	78	83510	20.349	ug/l	98
35) Methacrylonitrile	4.922	41	18261	20.277	ug/l	98
36) 1,2-Dichloroethane	6.086	62	31889	19.240	ug/l	98
37) Trichloroethene	7.129	130	23769	20.055	ug/l	99
38) Methylcyclohexane	7.385	83	35698	20.127	ug/l	100
39) 1,2-Dichloropropane	7.434	63	21151	20.155	ug/l	100
40) Dibromomethane	7.586	93	14818	20.100	ug/l	99
41) Bromodichloromethane	7.824	83	30117	19.795	ug/l	99
42) Vinyl Acetate	3.727	43	264516	99.330	ug/l	99

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Instrument :
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 ClientSampleId :
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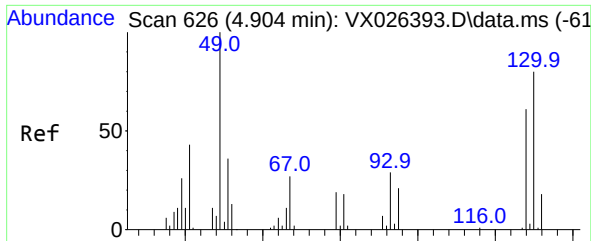
Manual Integrations
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Reviewed By : John Carlone 01/17/2022
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Quant Time: Jan 17 05:59:28 2022
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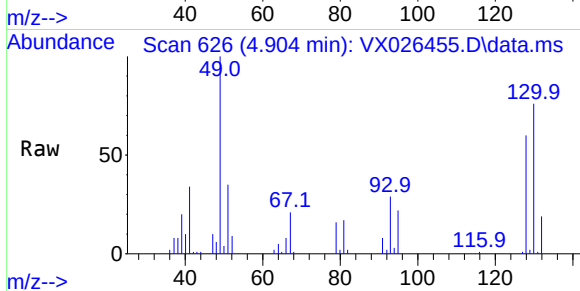
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	32864	21.030	ug/l	98
44) Isopropyl Acetate	6.349	43	51370	19.916	ug/l	99
45) 1,4-Dioxane	7.665	88	8361	418.217	ug/l	97
46) Methyl methacrylate	7.696	41	25856	20.436	ug/l	96
47) n-amyl Acetate	10.848	43	40950	21.219	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	26880	17.694	ug/l	95
49) cis-1,3-Dichloropropene	8.373	75	30771	18.318	ug/l	94
50) 1,1,2-Trichloroethane	9.153	97	21062	20.779	ug/l	99
51) Ethyl methacrylate	9.116	69	33223	20.557	ug/l	98
52) 1,3-Dichloropropane	9.311	76	36678	20.880	ug/l	100
53) Dibromochloromethane	9.525	129	21161	19.209	ug/l	100
54) 1,2-Dibromoethane	9.610	107	22103	20.561	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	89754	103.820	ug/l	99
56) Bromoform	10.799	173	13916	19.028	ug/l	97
58) 4-Methyl-2-Pentanone	8.574	43	167699	105.595	ug/l	99
59) 2-Hexanone	9.433	43	126487	102.859	ug/l	99
61) Tetrachloroethene	9.275	164	24432	19.469	ug/l	94
62) Toluene	8.720	91	90125	19.827	ug/l	100
64) Chlorobenzene	10.080	112	55968	20.281	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	19689	18.736	ug/l	97
66) Ethyl Benzene	10.195	91	101188	19.895	ug/l	98
67) m/p-Xylenes	10.305	106	78100	41.331	ug/l	98
68) o-Xylene	10.647	106	37875	20.666	ug/l	98
69) Styrene	10.659	104	63595	20.877	ug/l	98
70) Isopropylbenzene	10.964	105	101977	20.740	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	29761	22.210	ug/l	100
72) 1,2,3-Trichloropropane	11.244	75	28926m	21.286	ug/l	
73) Bromobenzene	11.201	156	23559	20.932	ug/l	99
74) n-propylbenzene	11.305	91	118291	20.828	ug/l	100
75) 2-Chlorotoluene	11.366	91	71058	20.826	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	86469	21.053	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	6739	16.489	ug/l	88
78) 4-Chlorotoluene	11.457	91	80863	20.789	ug/l	99
79) tert-butylbenzene	11.713	119	81599	21.464	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	85160	20.991	ug/l	99
81) sec-Butylbenzene	11.890	105	105638	21.212	ug/l	99
82) p-Isopropyltoluene	12.012	119	89404	21.251	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	45101	21.531	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	46236	22.028	ug/l	99
85) n-Butylbenzene	12.335	91	77022	21.154	ug/l	99
86) Hexachloroethane	12.543	117	11847	18.653	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	44596	22.157	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	6894	20.164	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	28609	21.713	ug/l	100
90) Hexachlorobutadiene	13.725	225	12127	21.087	ug/l	98
91) Naphthalene	13.780	128	99708	21.890	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	28518	21.760	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

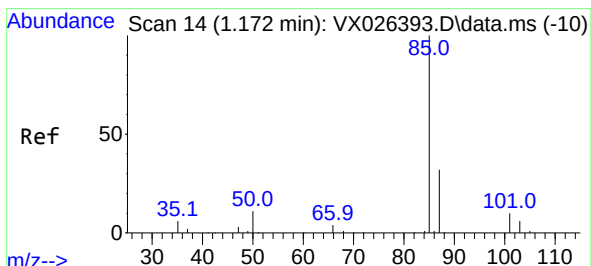
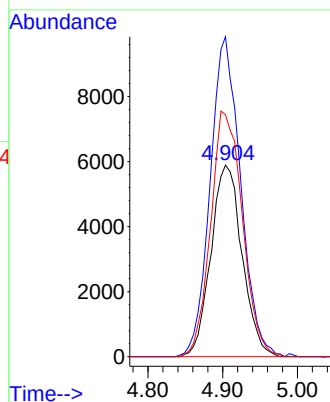
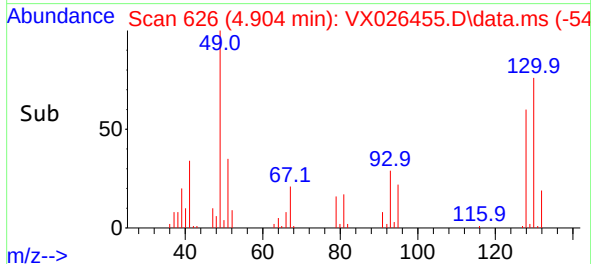
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



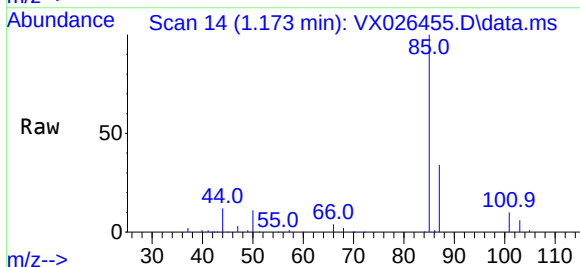
Tgt Ion:128 Resp: 1706
Ion Ratio Lower Upper
128 100
49 163.0 0.0 413.5
130 130.7 0.0 326.0

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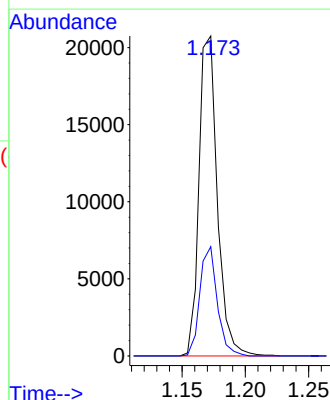
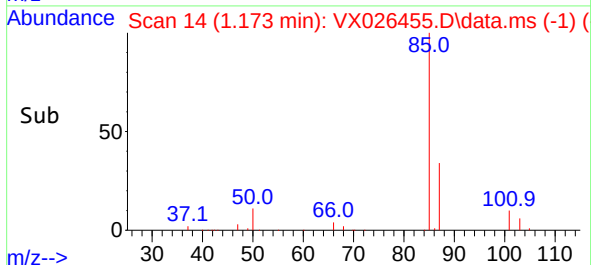
Reviewed By :John Carlone 01/17/2022
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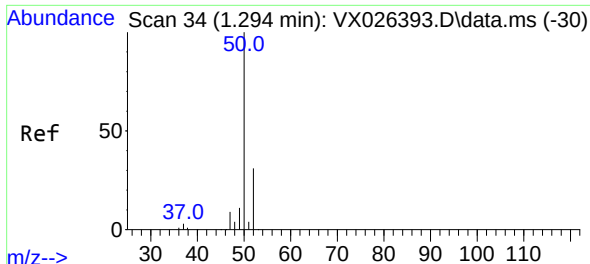


#2
Dichlorodifluoromethane
Concen: 20.478 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



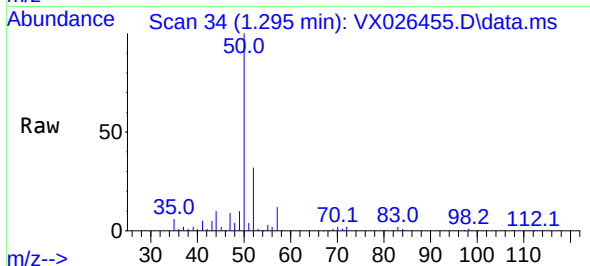
Tgt Ion: 85 Resp: 21051
Ion Ratio Lower Upper
85 100
87 34.2 15.8 47.3





#3
Chloromethane
Concen: 21.185 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

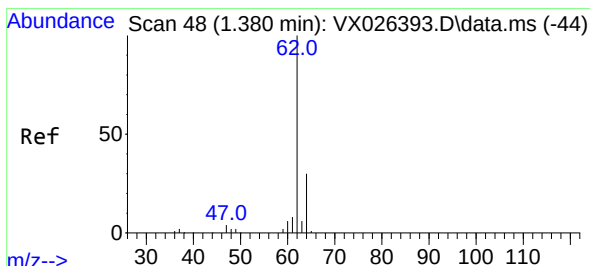
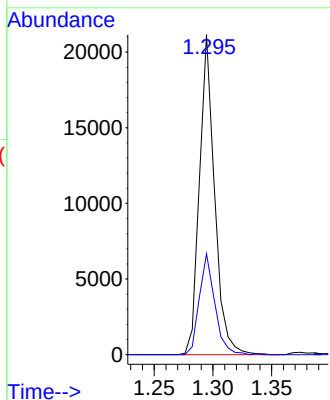
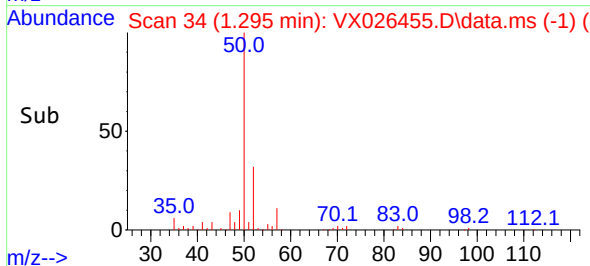
Instrument :
MSVOA_X
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VSTDCCC020EC



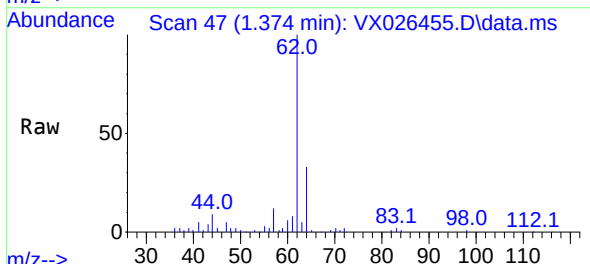
Tgt Ion: 50 Resp: 19020
Ion Ratio Lower Upper
50 100
52 31.5 24.8 37.2

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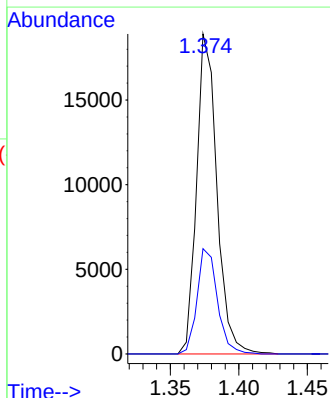
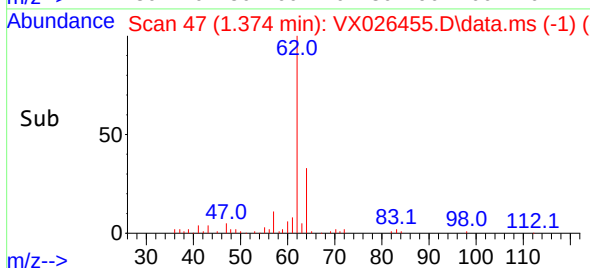
Reviewed By :John Carlone 01/17/2022
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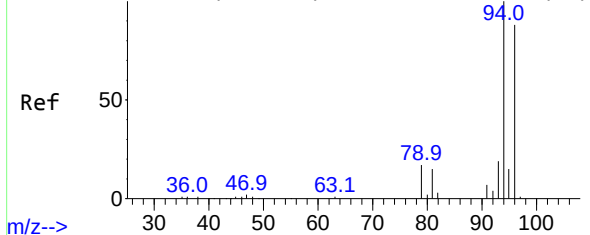
#4
Vinyl Chloride
Concen: 19.659 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 62 Resp: 19518
Ion Ratio Lower Upper
62 100
64 32.9 24.4 36.6



Abundance Scan 87 (1.618 min): VX026393.D\data.ms (-83)



#5

Bromomethane

Concen: 24.794 ug/l

RT: 1.612 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 94 Resp: 1108

Ion Ratio Lower Upper

94 100

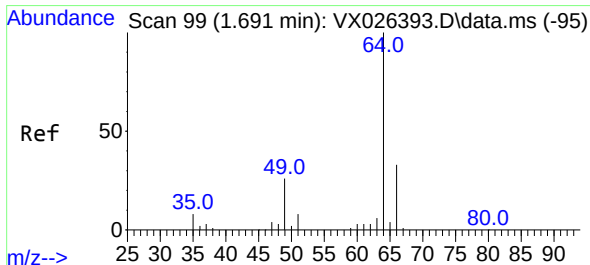
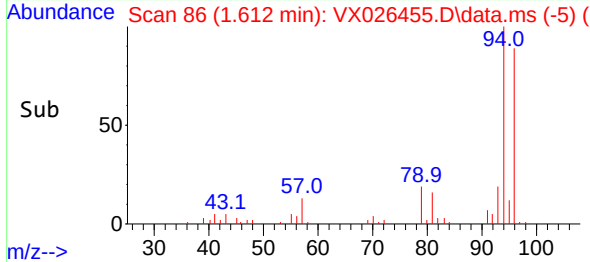
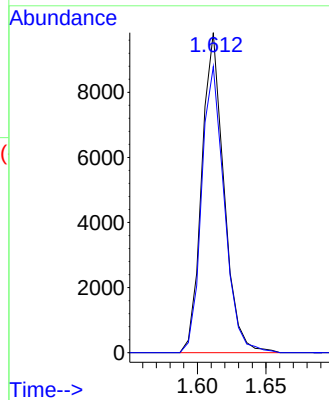
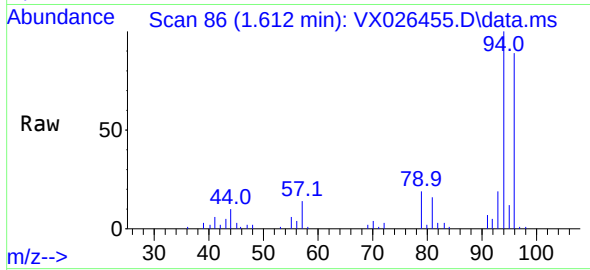
96 89.4 70.3 105.5

Manual Integrations

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#6

Chloroethane

Concen: 21.031 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX026455.D

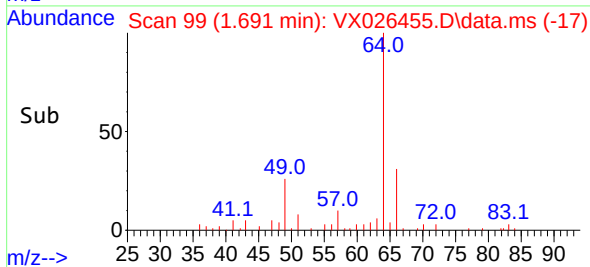
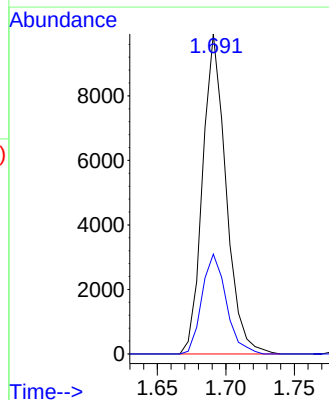
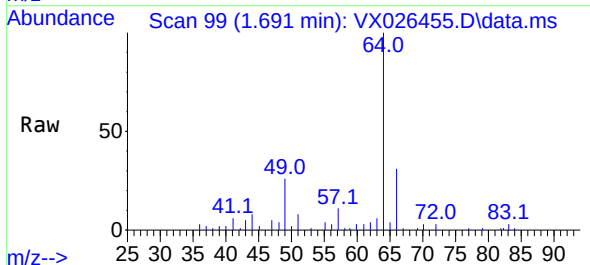
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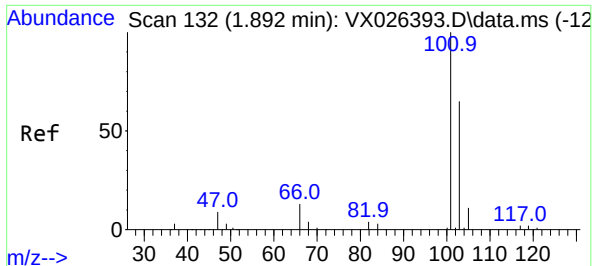
Tgt Ion: 64 Resp: 11848

Ion Ratio Lower Upper

64 100

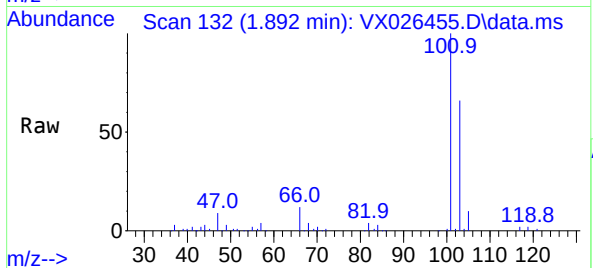
66 31.2 26.6 39.8





#7
Trichlorofluoromethane
Concen: 19.129 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

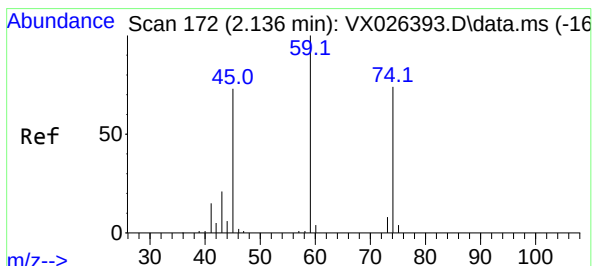
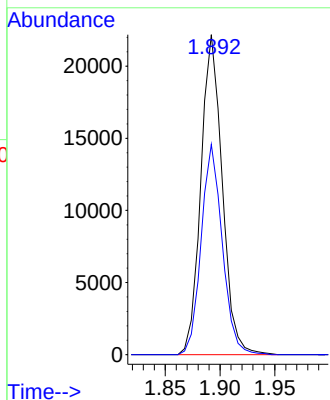
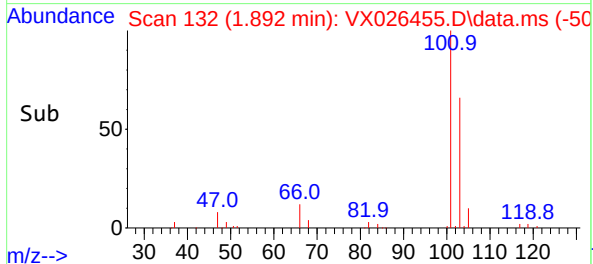
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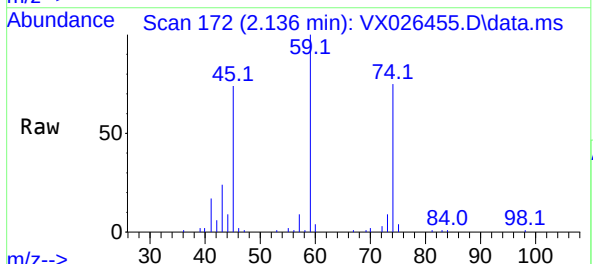
Tgt Ion:101 Resp: 3009
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.4

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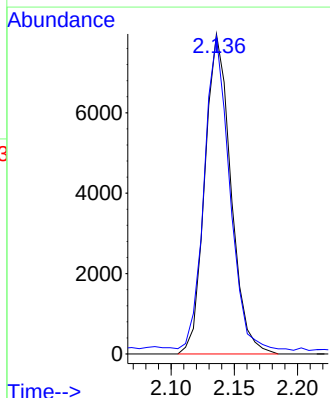
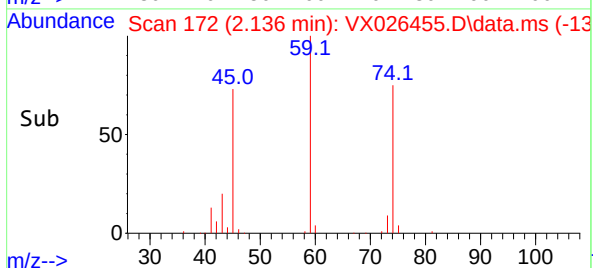
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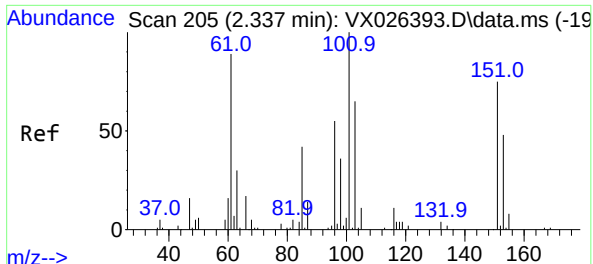


#8
Diethyl Ether
Concen: 20.275 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 74 Resp: 11383
Ion Ratio Lower Upper
74 100
45 98.2 19.5 175.5





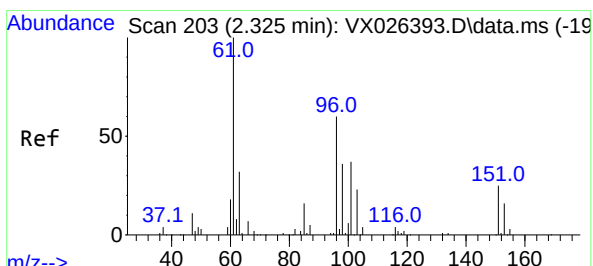
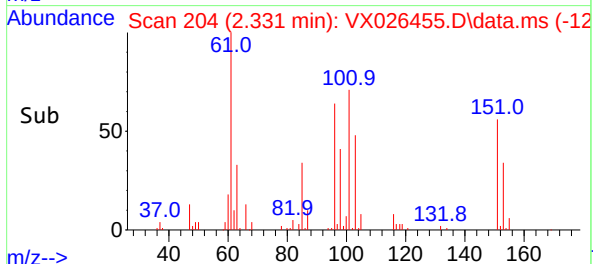
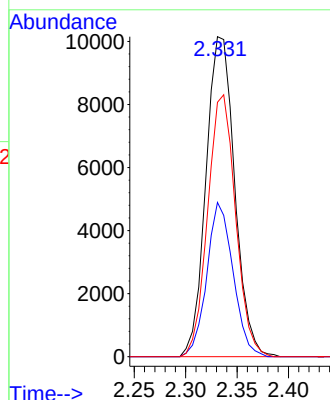
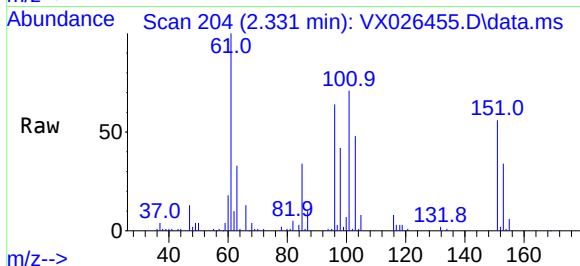
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.111 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 1975
Ion Ratio Lower Upper
101 100
85 44.0 0.0 87.6
151 79.4 0.0 151.2

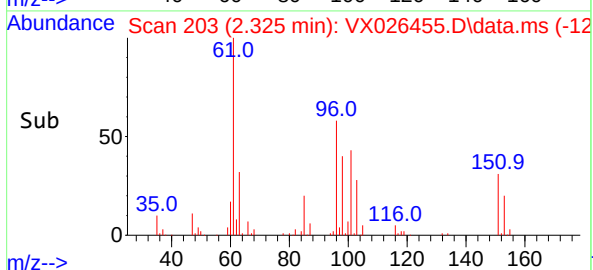
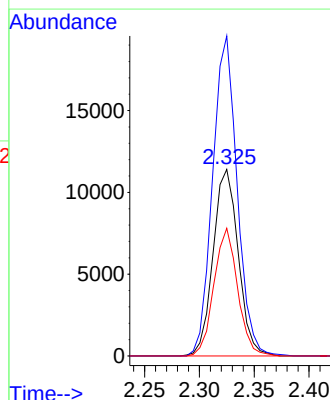
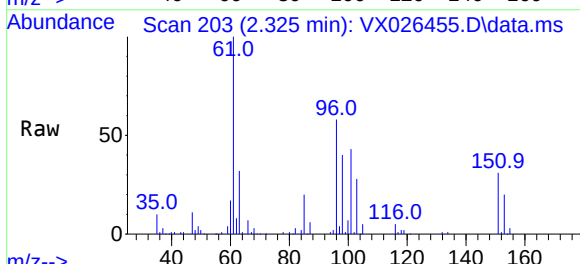
Manual Integrations
APPROVED

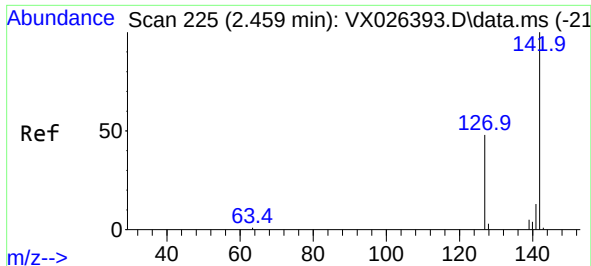
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#10
1,1-Dichloroethene
Concen: 19.847 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

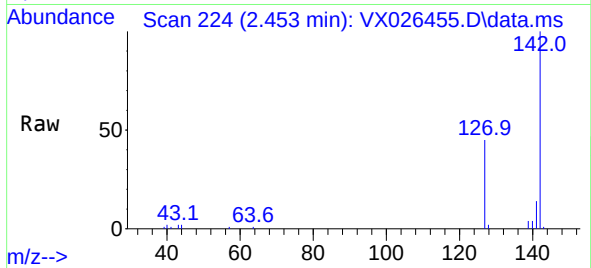
Tgt Ion: 96 Resp: 18208
Ion Ratio Lower Upper
96 100
61 171.5 134.1 201.1
98 68.4 47.9 71.9





#11
Methyl Iodide
Concen: 19.699 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

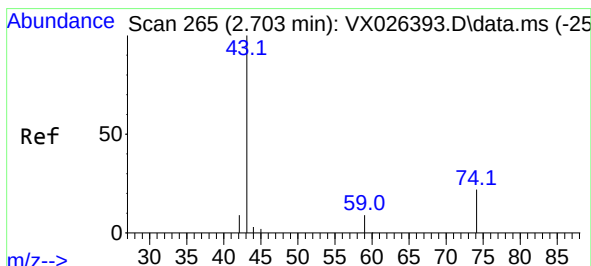
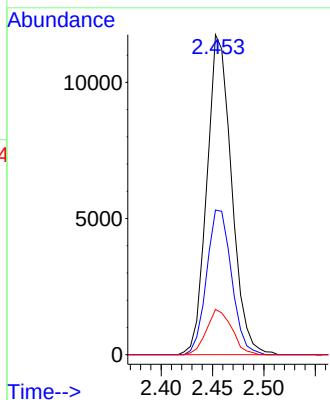
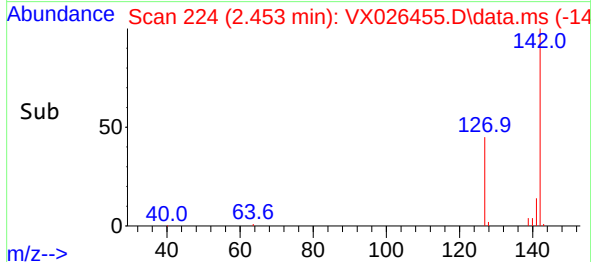
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 1962
Ion Ratio Lower Upper
142 100
127 45.2 23.9 71.7
141 14.1 6.7 20.1

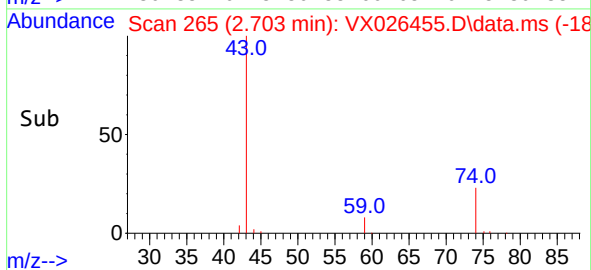
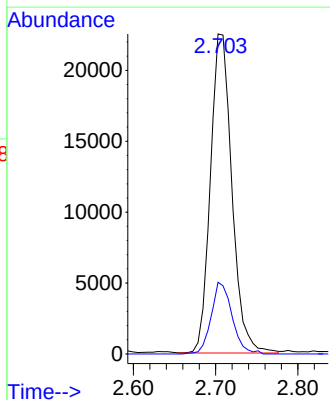
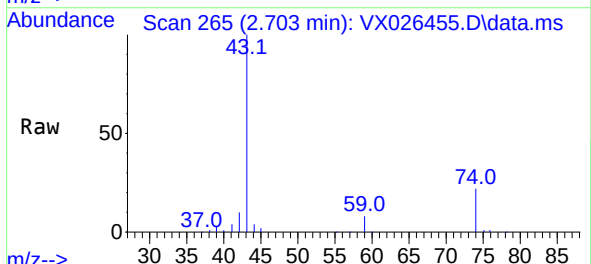
Manual Integrations
APPROVED

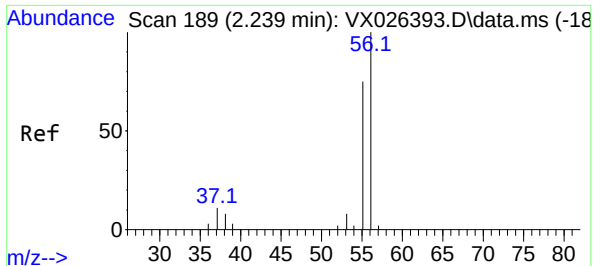
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#12
Methyl Acetate
Concen: 21.289 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

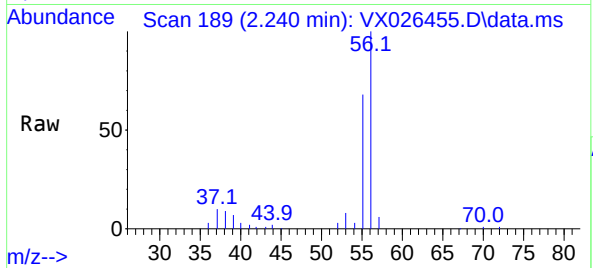
Tgt Ion: 43 Resp: 40916
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6





#13
Acrolein
Concen: 85.865 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

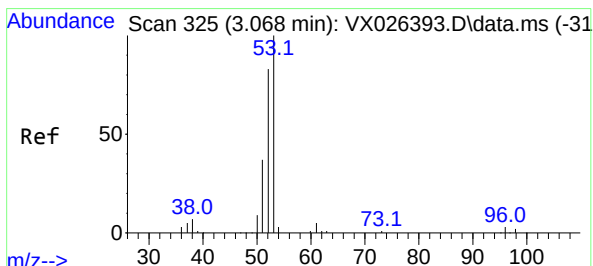
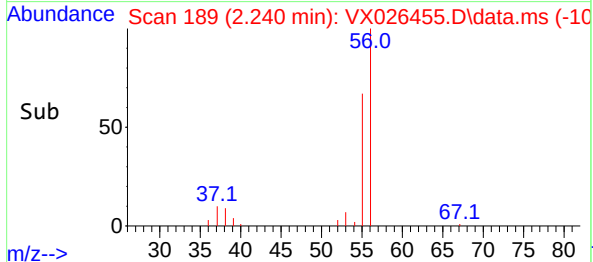
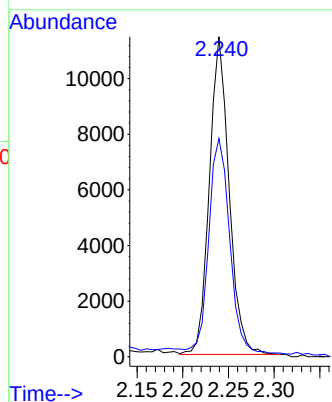
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
55 70.9 58.2 87.2

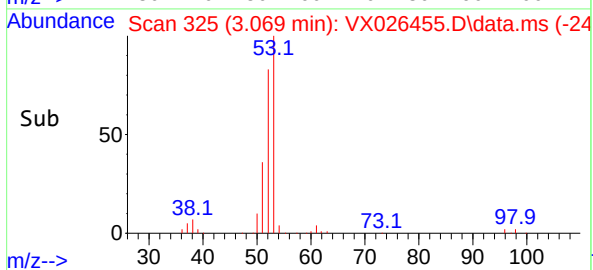
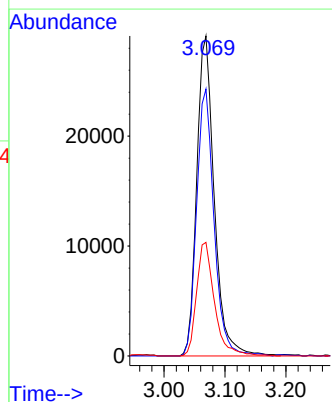
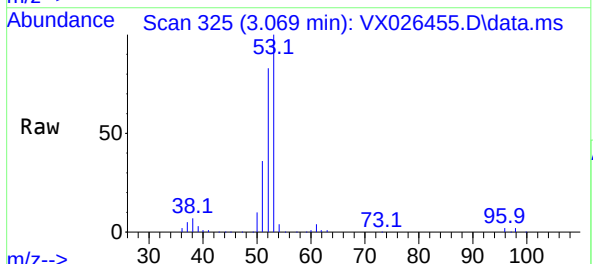
Manual Integrations
APPROVED

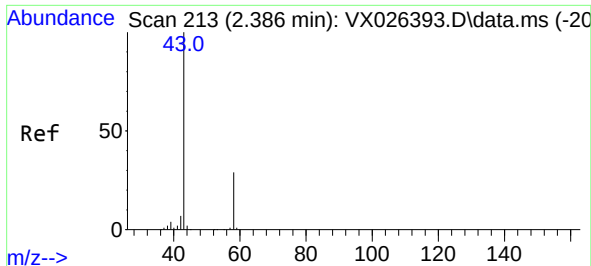
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#14
Acrylonitrile
Concen: 108.487 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

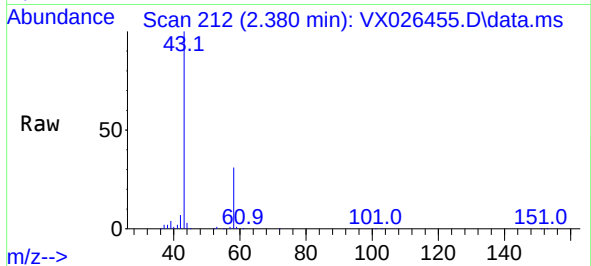
Tgt Ion: 53 Resp: 58160
Ion Ratio Lower Upper
53 100
52 82.5 41.4 124.4
51 36.2 18.6 56.0





#15
Acetone
Concen: 106.022 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

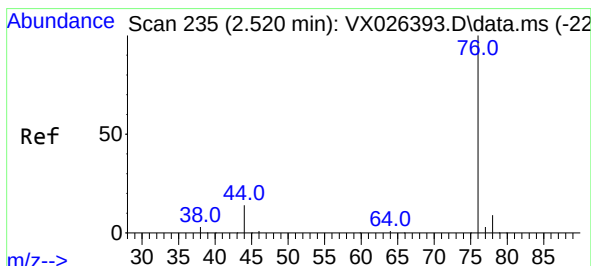
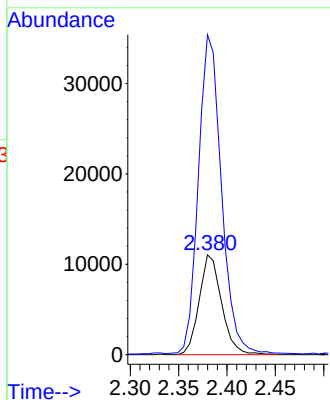
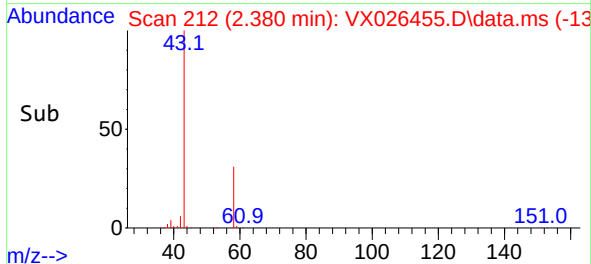
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 17854
Ion Ratio Lower Upper
58 100
43 318.6 276.3 414.5

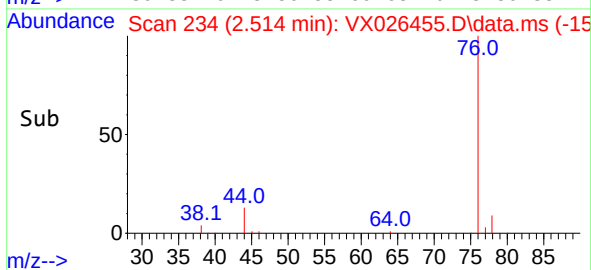
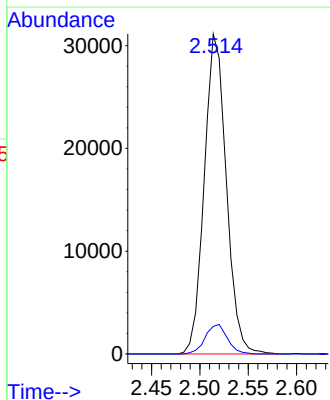
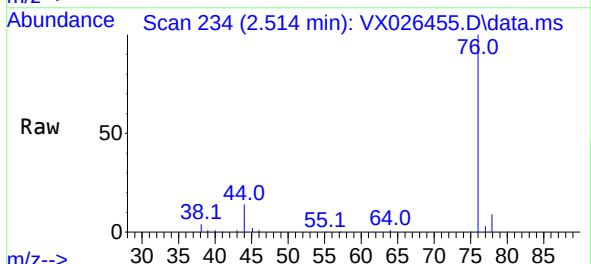
Manual Integrations
APPROVED

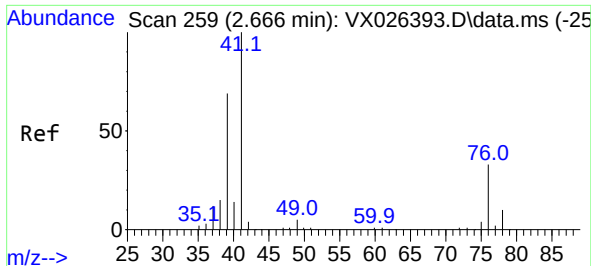
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#16
Carbon Disulfide
Concen: 19.097 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion: 76 Resp: 49476
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9





#17

Allyl chloride

Concen: 19.018 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026455.D

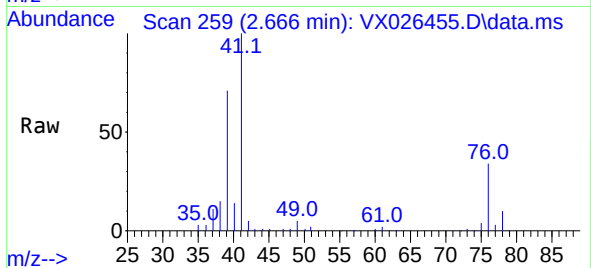
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



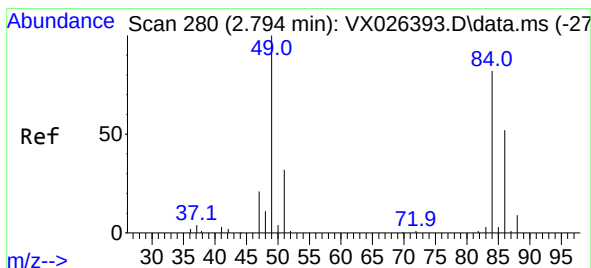
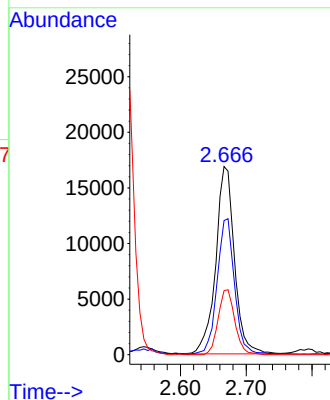
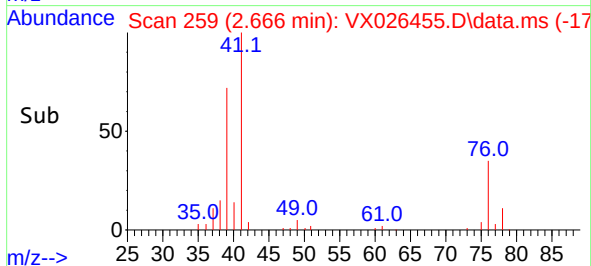
Tgt Ion:	41	Resp:	33578
Ion	Ratio	Lower	Upper
41	100		
39	71.1	34.5	103.5
76	34.2	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#18

Methylene Chloride

Concen: 20.865 ug/l

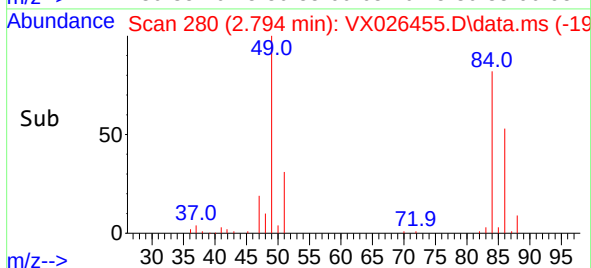
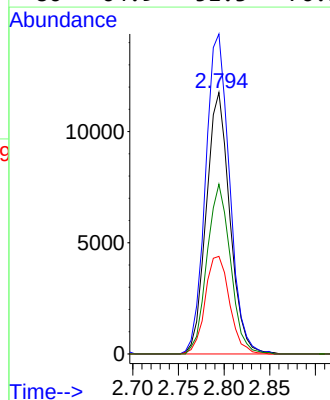
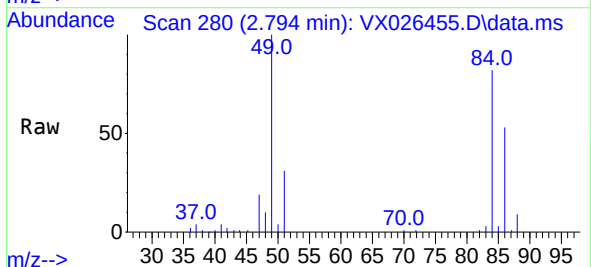
RT: 2.794 min Scan# 280

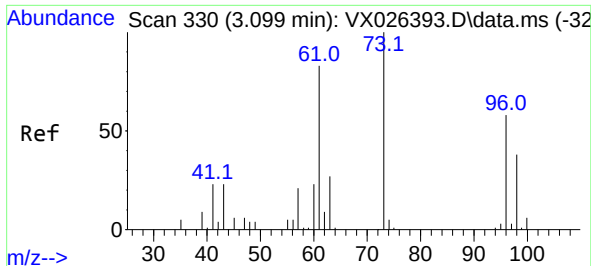
Delta R.T. 0.000 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Tgt Ion:	84	Resp:	21084
Ion	Ratio	Lower	Upper
84	100		
49	122.4	97.8	146.8
51	37.4	31.1	46.7
86	64.9	51.3	76.9





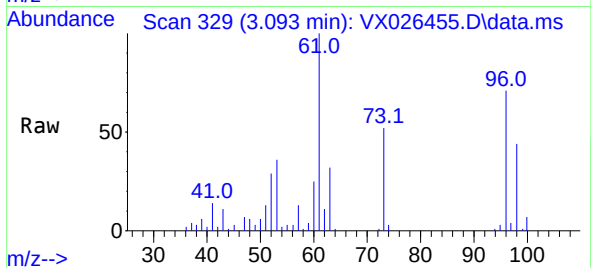
#19
trans-1,2-Dichloroethene
Concen: 20.016 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

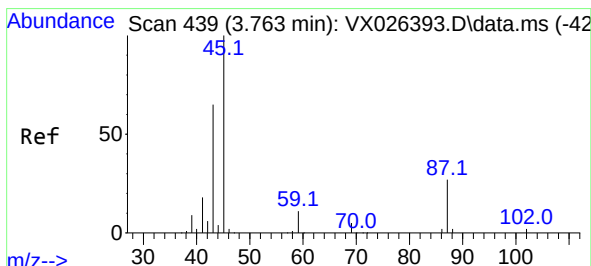
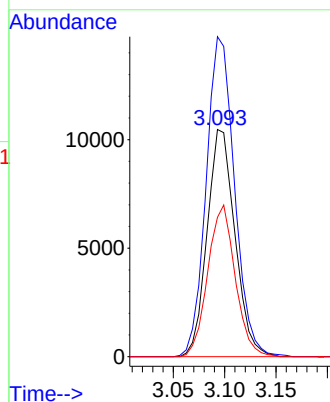
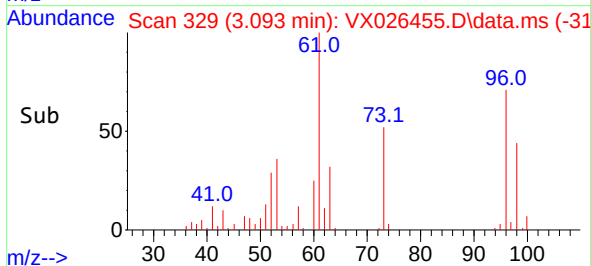


Tgt Ion: 96 Resp: 19739
Ion Ratio Lower Upper
96 100
61 140.2 114.3 171.5
98 61.3 52.6 78.8

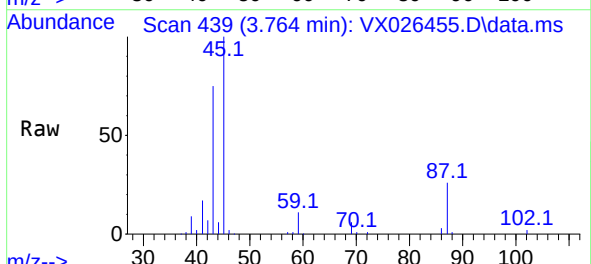
Manual Integrations

APPROVED

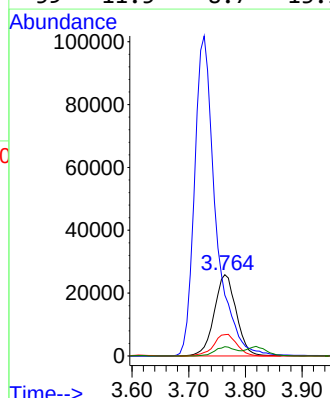
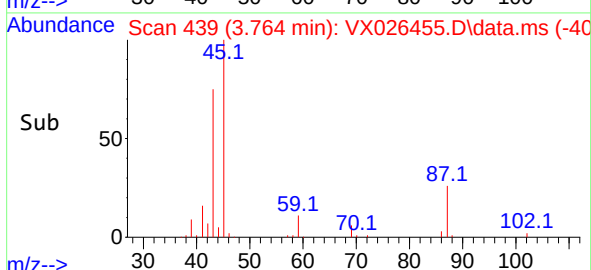
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

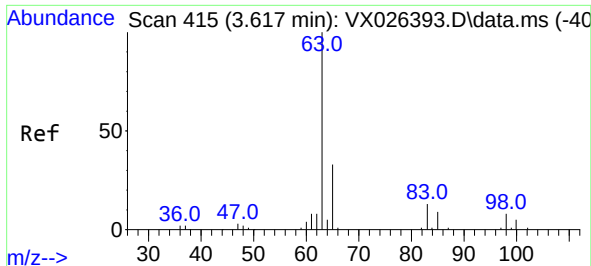


#20
Diisopropyl ether
Concen: 20.364 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 45 Resp: 69881
Ion Ratio Lower Upper
45 100
43 73.6 56.2 84.2
87 26.3 21.5 32.3
59 11.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.928 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

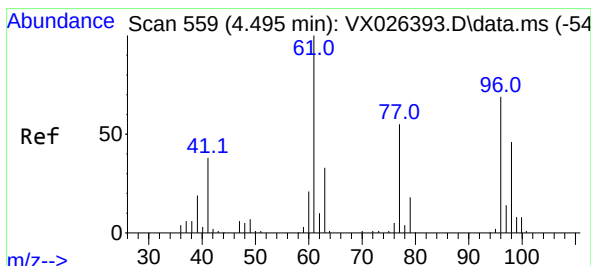
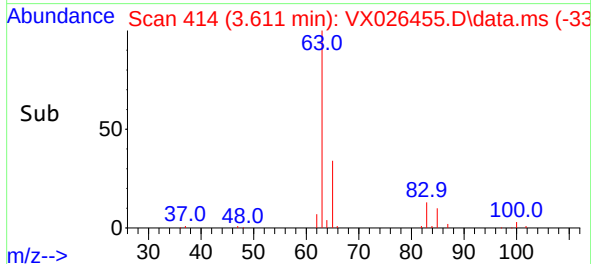
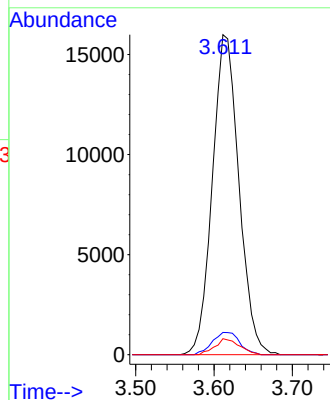
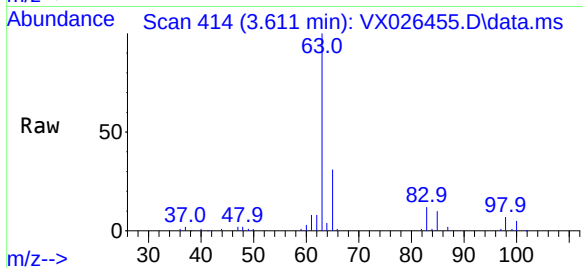
Tgt Ion: 63 Resp: 37649
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 5.0 2.4 7.1

Manual Integrations

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Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#22

cis-1,2-Dichloroethene

Concen: 20.184 ug/l

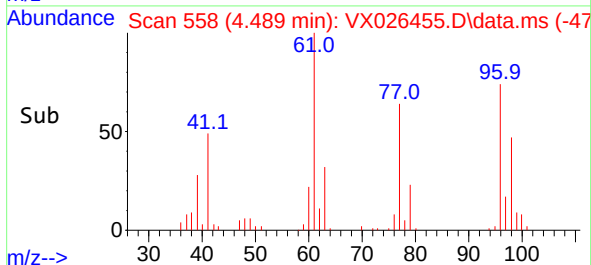
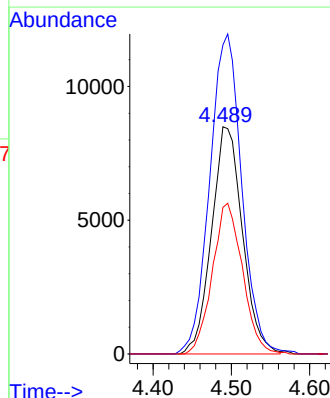
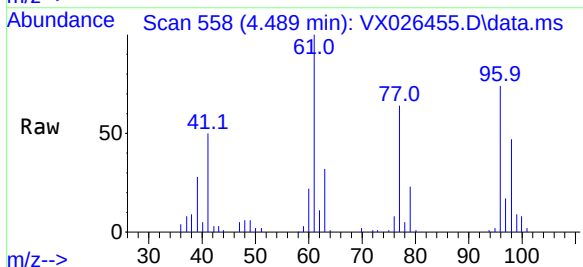
RT: 4.489 min Scan# 558

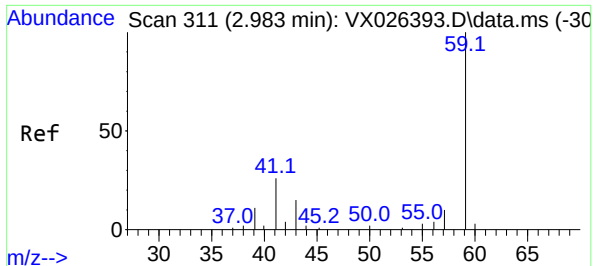
Delta R.T. -0.006 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Tgt Ion: 96 Resp: 23288
 Ion Ratio Lower Upper
 96 100
 61 145.9 121.8 182.6
 98 64.7 52.6 78.8





#23

tert-Butyl Alcohol

Concen: 99.510 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.024 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 59 Resp: 19350

Ion Ratio Lower Upper

59 100

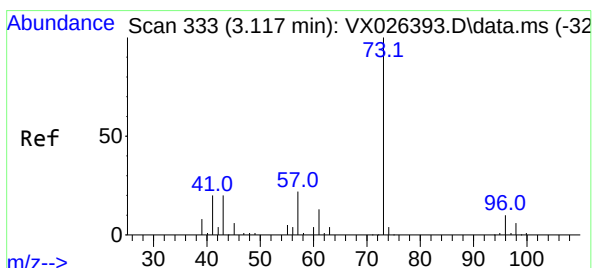
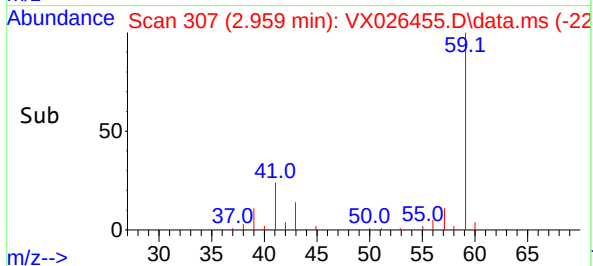
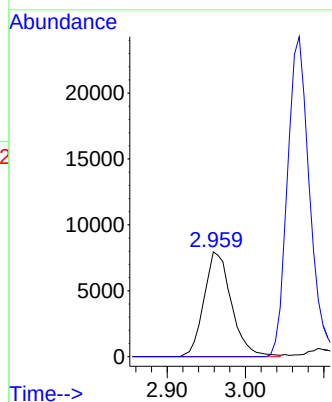
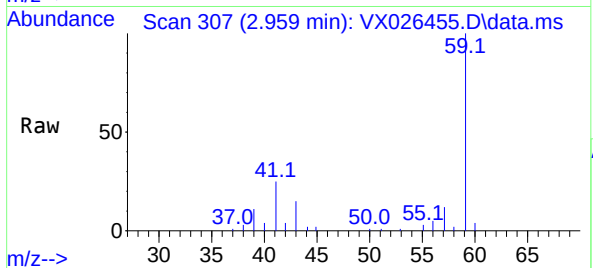
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#24

Methyl tert-Butyl Ether

Concen: 19.843 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026455.D

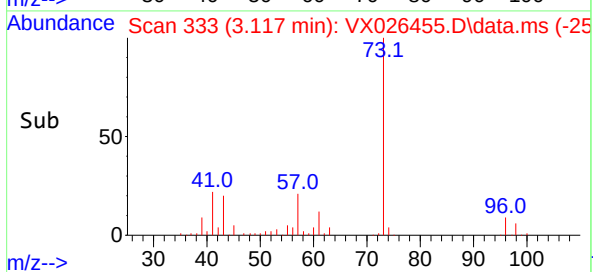
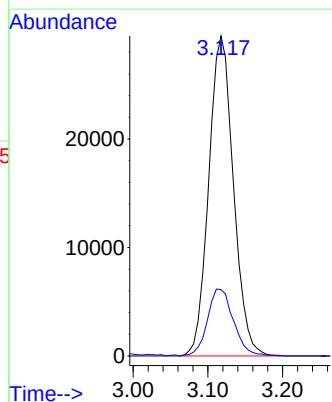
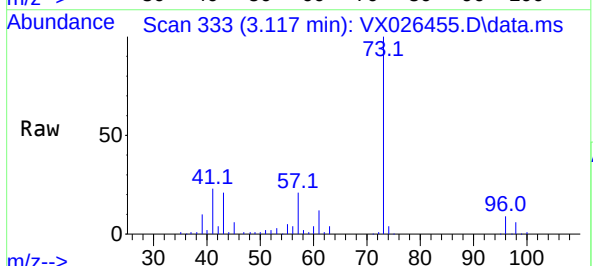
Acq: 14 Jan 2022 15:03

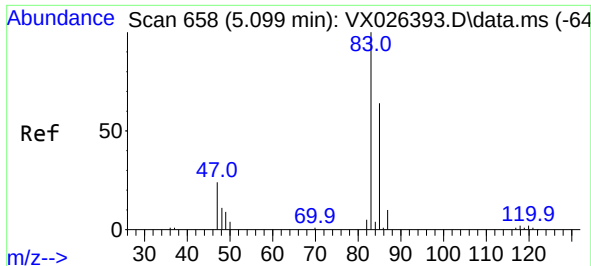
Tgt Ion: 73 Resp: 67698

Ion Ratio Lower Upper

73 100

43 21.9 17.1 25.7





#25

Chloroform

Concen: 27.770 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 5436

Ion Ratio Lower Upper

83 100

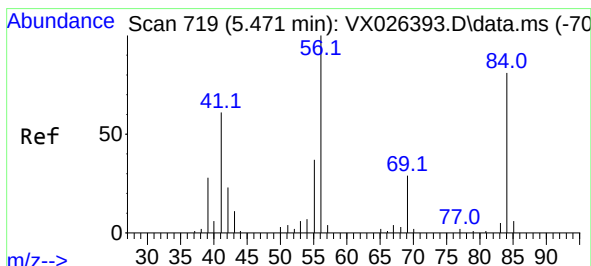
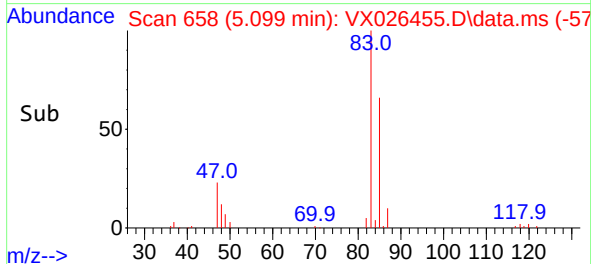
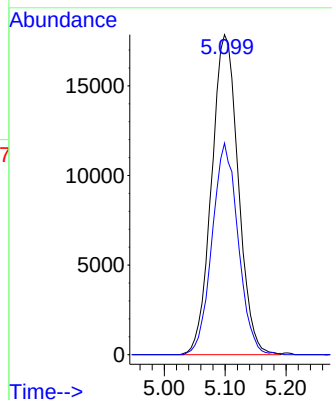
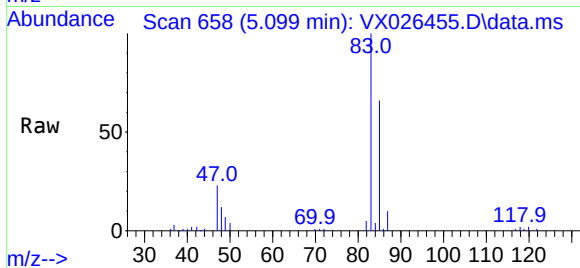
85 66.1 50.8 76.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#26

Cyclohexane

Concen: 20.225 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

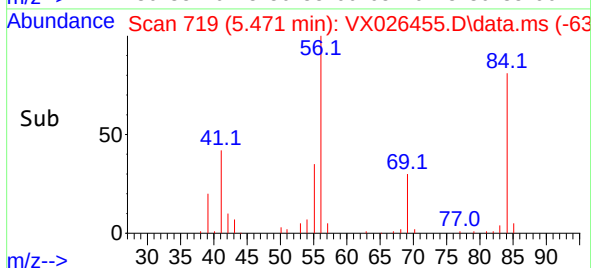
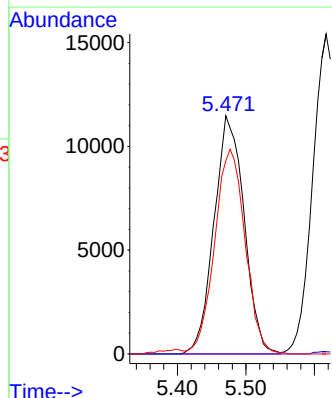
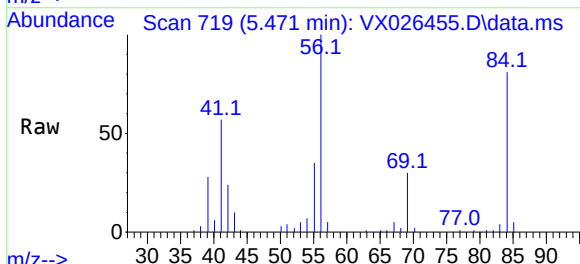
Tgt Ion: 56 Resp: 34950

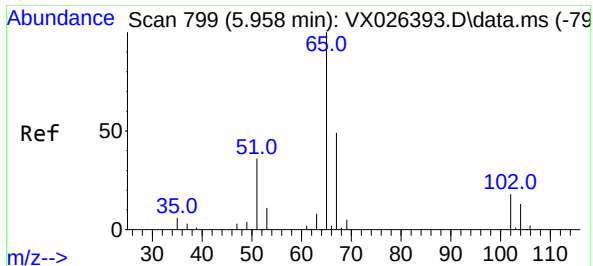
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

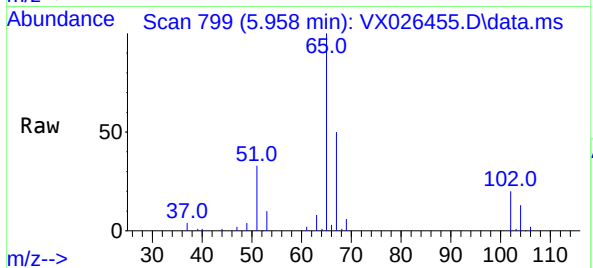
84 87.3 70.6 106.0





#27
1,2-Dichloroethane-d4
Concen: 29.350 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

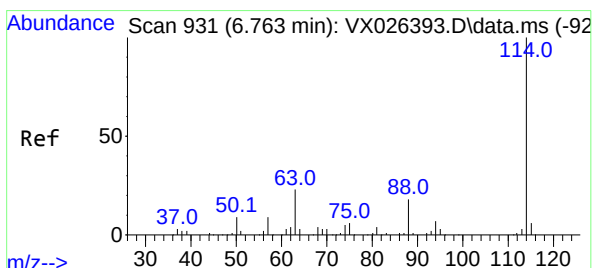
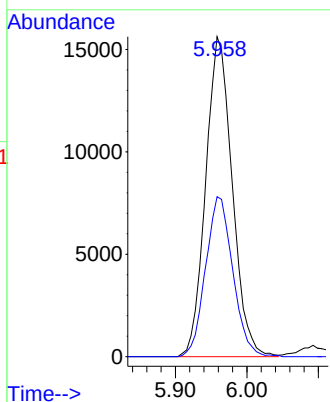
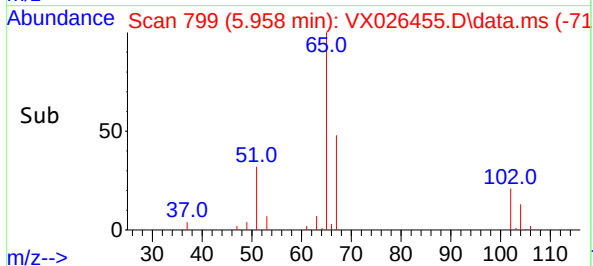
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



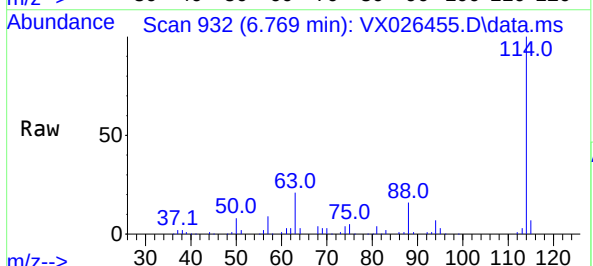
Tgt Ion: 65 Resp: 40280
Ion Ratio Lower Upper
65 100
67 51.3 39.6 59.4

Manual Integrations
APPROVED

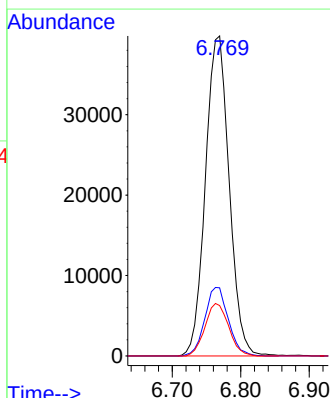
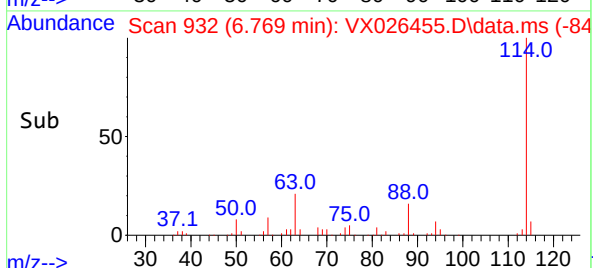
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

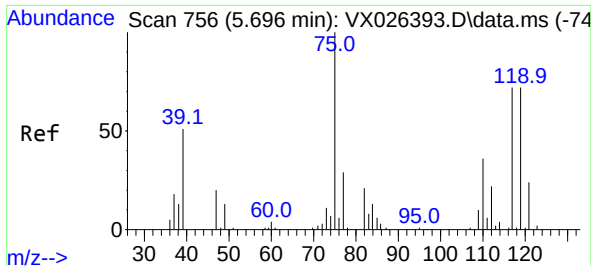


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



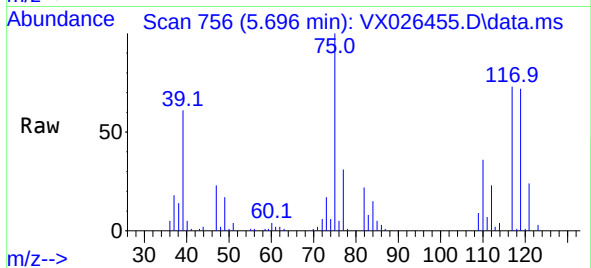
Tgt Ion:114 Resp: 95827
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.2
88 16.4 13.5 20.3





#29
1,1-Dichloropropene
Concen: 19.691 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

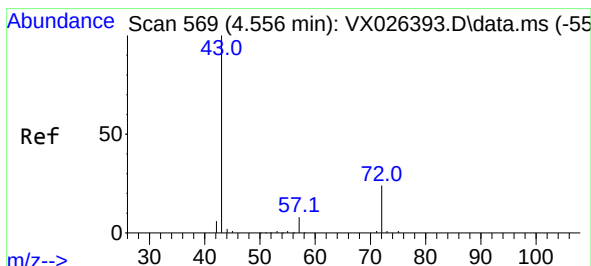
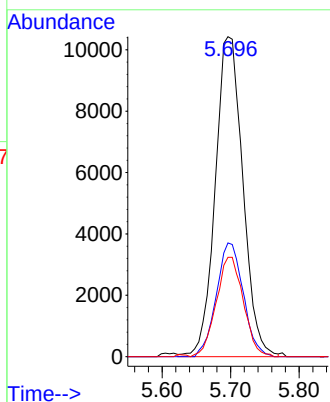
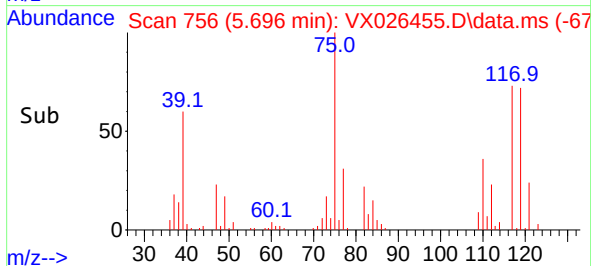
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



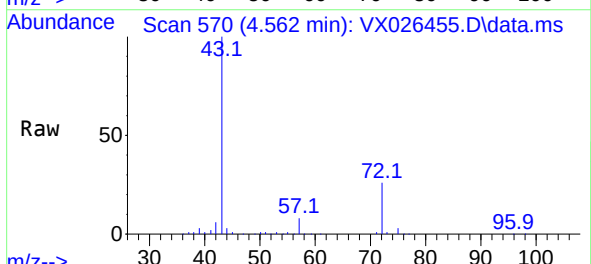
Tgt Ion: 75 Resp: 2914
Ion Ratio Lower Upper
75 100
110 34.6 0.0 70.6
77 30.6 0.0 62.0

Manual Integrations
APPROVED

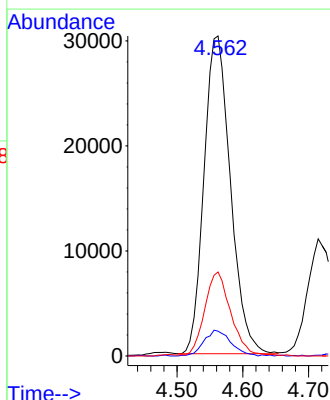
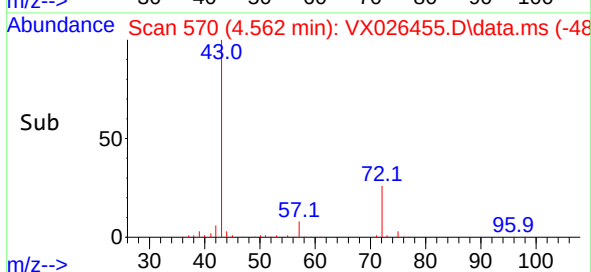
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

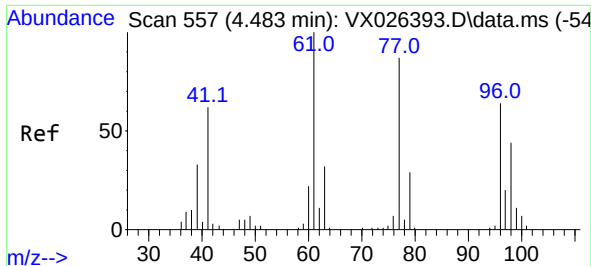


#30
2-Butanone
Concen: 98.521 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



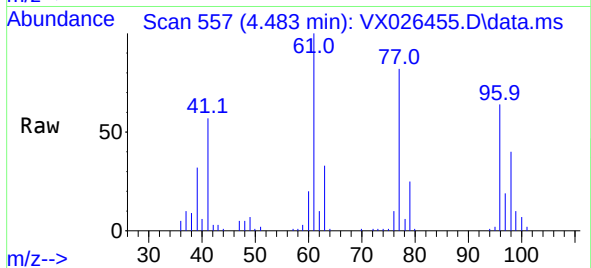
Tgt Ion: 43 Resp: 84681
Ion Ratio Lower Upper
43 100
57 8.2 6.3 9.5
72 26.1 19.8 29.6





#31
2,2-Dichloropropane
Concen: 16.535 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

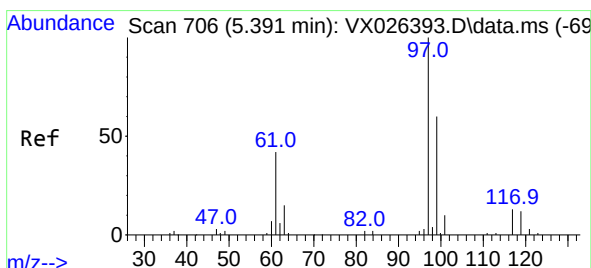
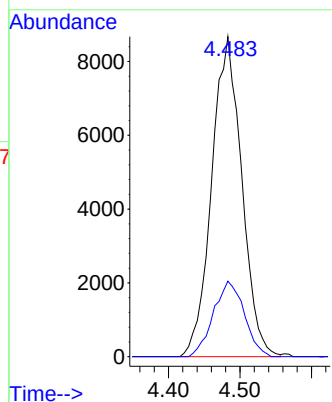
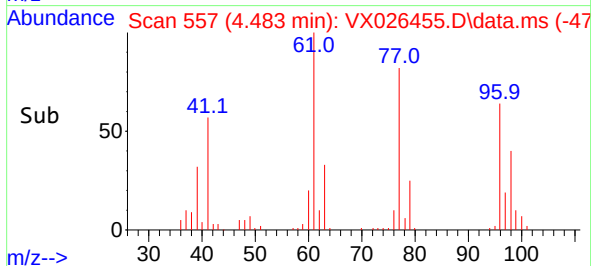
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



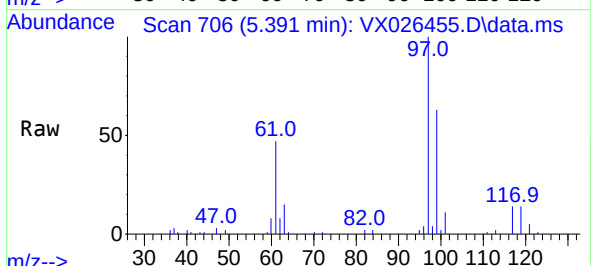
Tgt Ion: 77 Resp: 2534
Ion Ratio Lower Upper
77 100
97 24.2 17.6 26.4

Manual Integrations
APPROVED

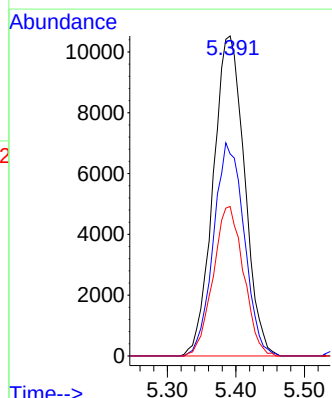
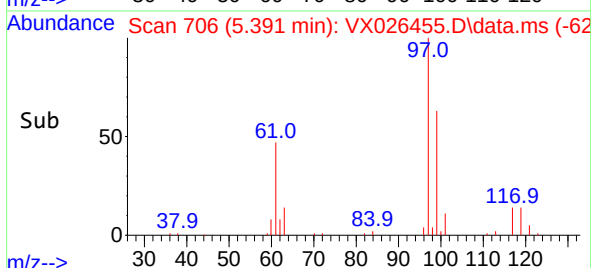
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

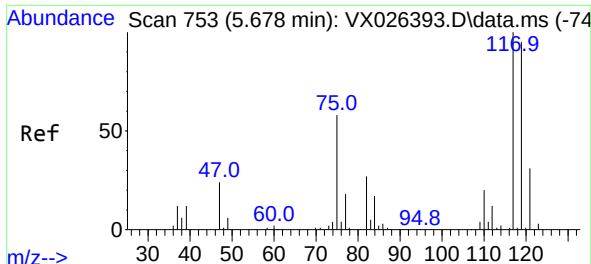


#32
1,1,1-Trichloroethane
Concen: 18.538 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 97 Resp: 33402
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 45.3 34.9 52.3





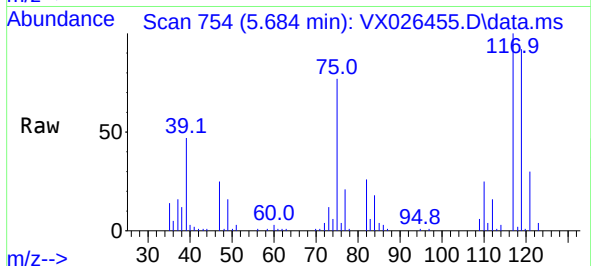
#33
Carbon Tetrachloride
Concen: 18.293 ug/l
RT: 5.684 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

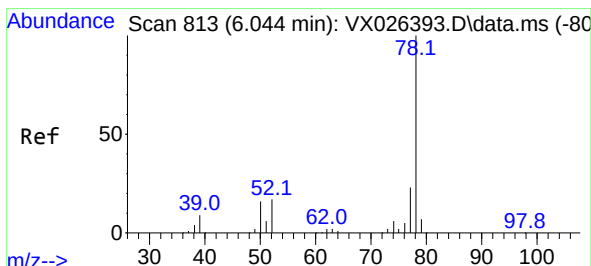
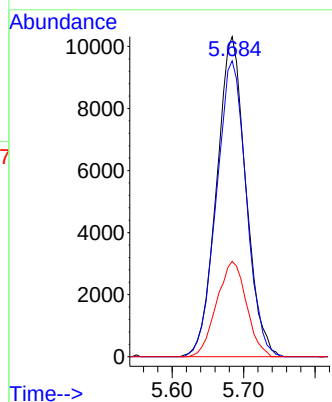


Tgt Ion:117 Resp: 29200
Ion Ratio Lower Upper
117 100
119 92.4 75.9 113.9
121 29.8 25.2 37.8

Manual Integrations

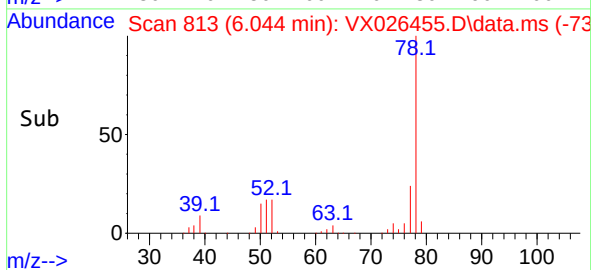
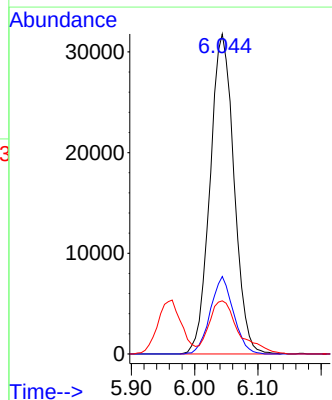
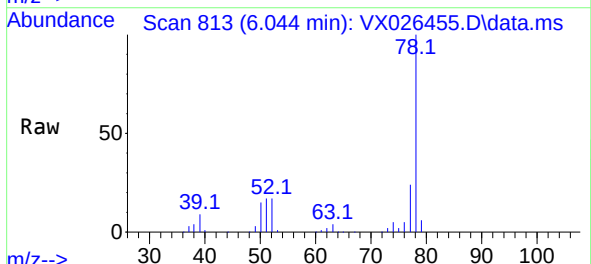
APPROVED

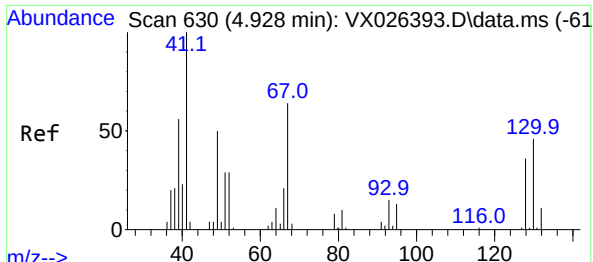
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#34
Benzene
Concen: 20.349 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

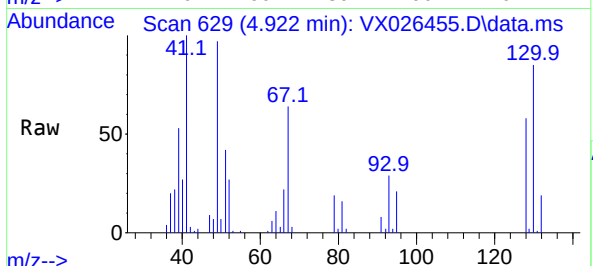
Tgt Ion: 78 Resp: 83510
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1
51 16.3 13.5 20.3





#35
Methacrylonitrile
Concen: 20.277 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

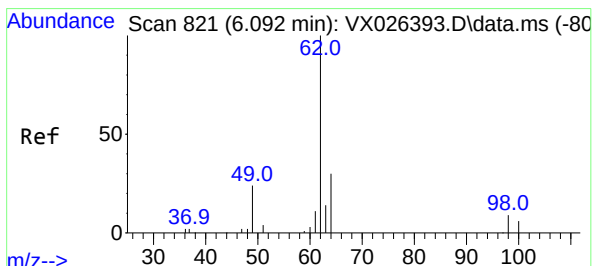
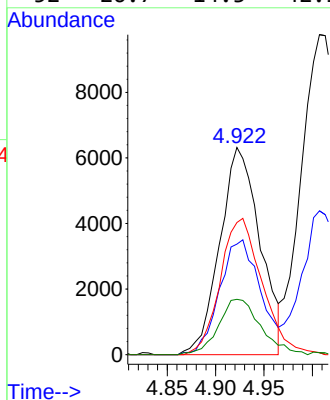
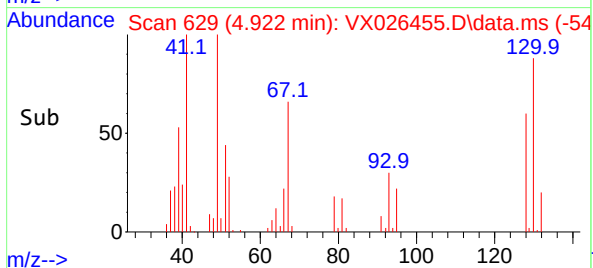
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 1826
Ion Ratio Lower Upper
41 100
39 53.4 27.8 83.4
67 63.8 32.1 96.3
52 26.7 14.3 42.9

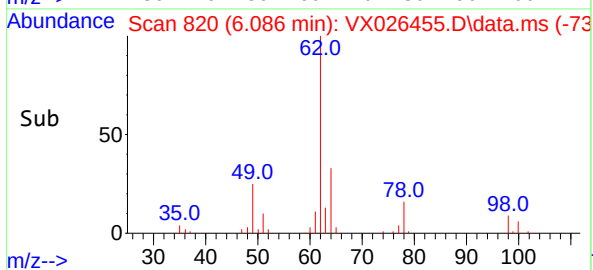
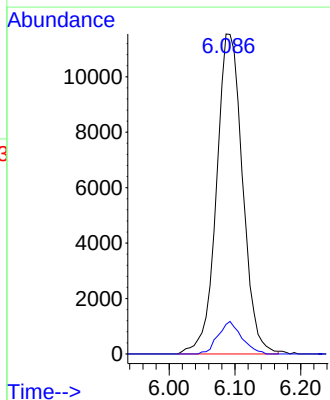
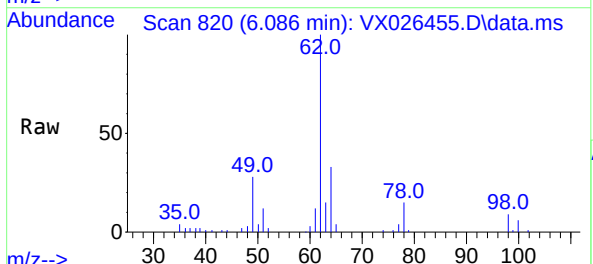
Manual Integrations
APPROVED

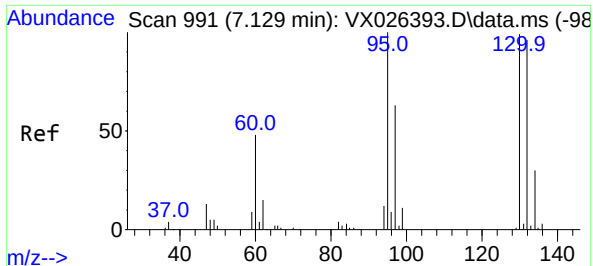
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#36
1,2-Dichloroethane
Concen: 19.240 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

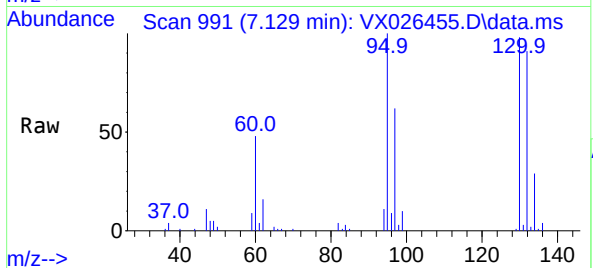
Tgt Ion: 62 Resp: 31889
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3





#37
Trichloroethene
Concen: 20.055 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

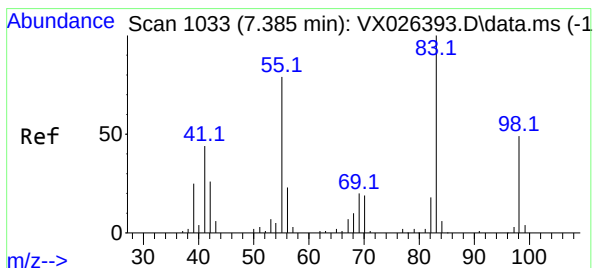
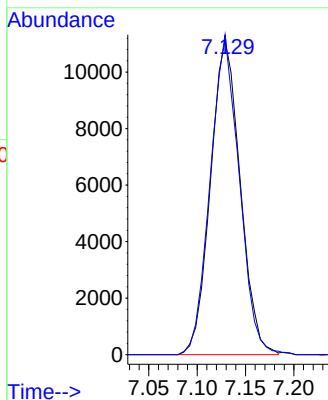
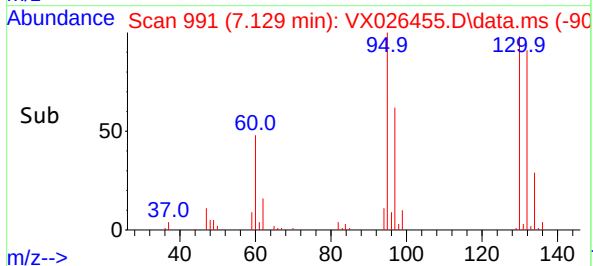
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



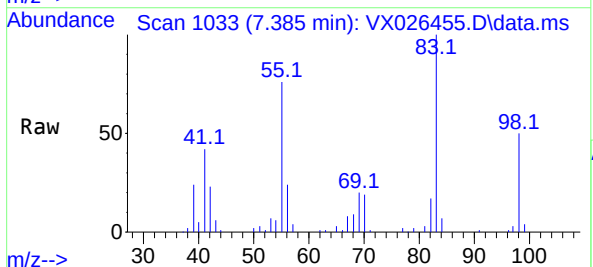
Tgt Ion:130 Resp: 23769
Ion Ratio Lower Upper
130 100
95 101.7 81.0 121.4

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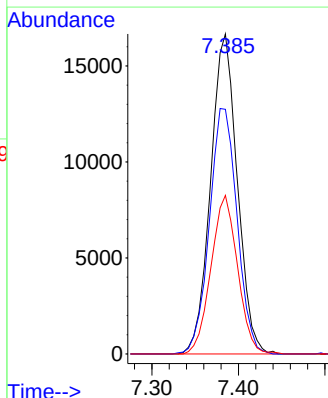
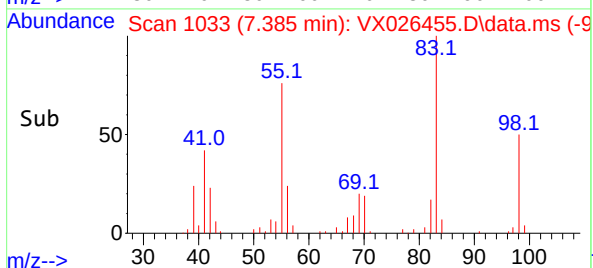
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

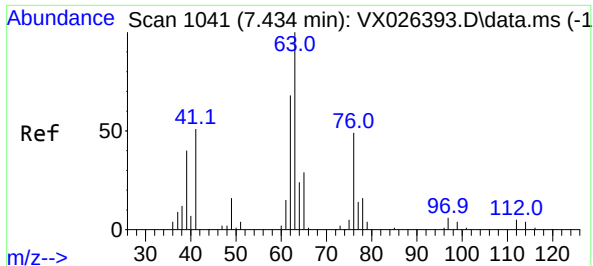


#38
Methylcyclohexane
Concen: 20.127 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 83 Resp: 35698
Ion Ratio Lower Upper
83 100
55 79.5 39.9 119.6
98 49.3 24.6 73.6





#39

1,2-Dichloropropane

Concen: 20.155 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2115

Ion Ratio Lower Upper

63 100

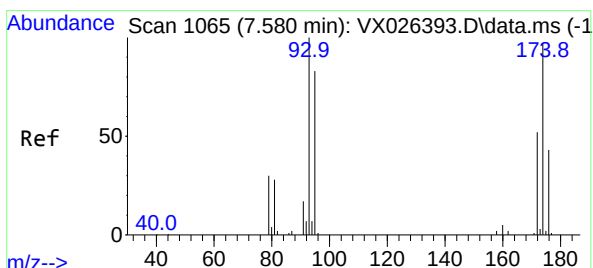
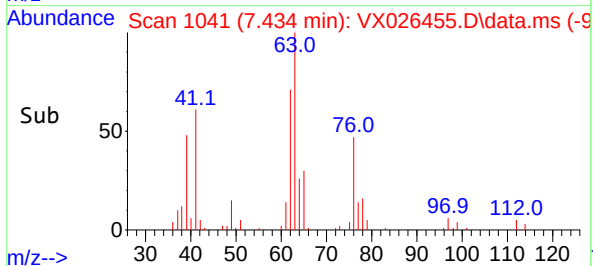
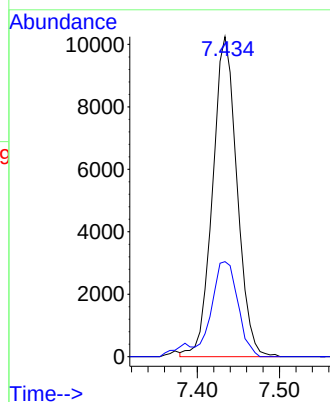
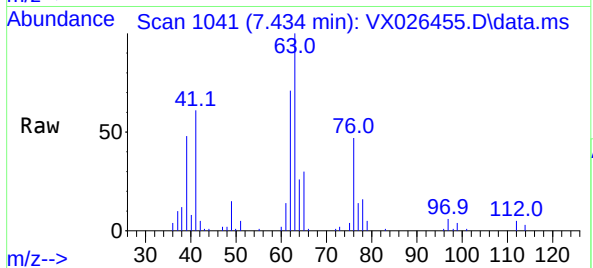
65 29.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#40

Dibromomethane

Concen: 20.100 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

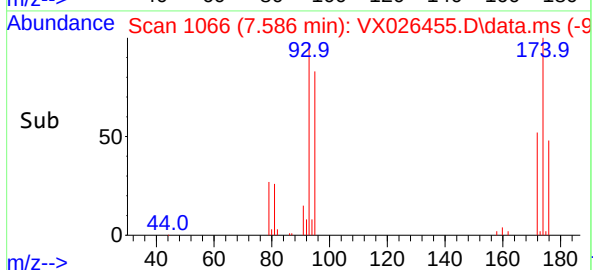
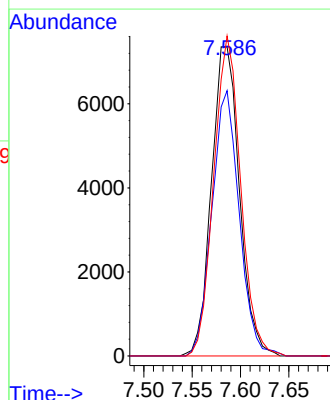
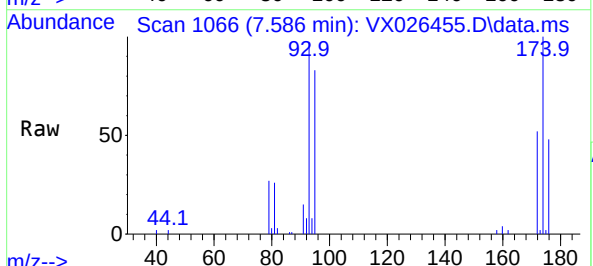
Tgt Ion: 93 Resp: 14818

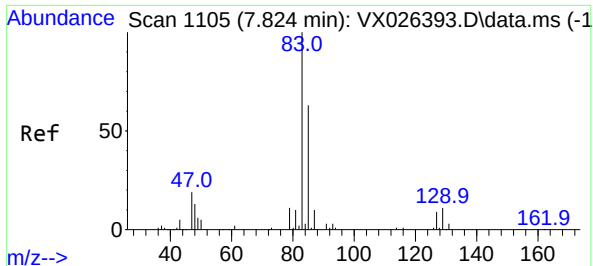
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.6

174 99.5 0.0 198.0





#41
Bromodichloromethane
Concen: 19.795 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

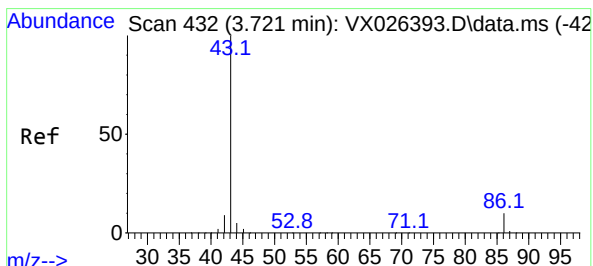
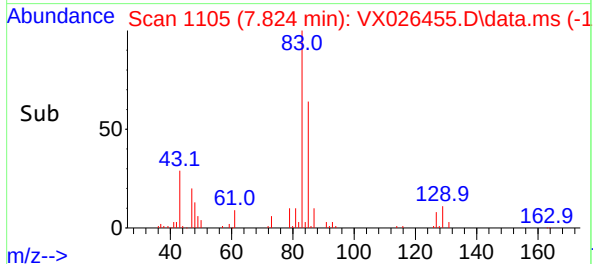
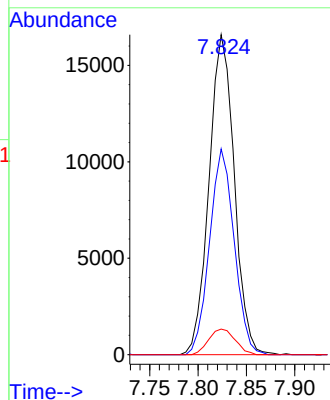
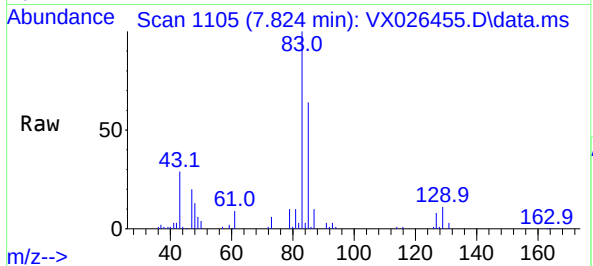
VSTDCCC020EC

Tgt Ion: 83 Resp: 3011
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0
127 8.0 7.0 10.6

Manual Integrations

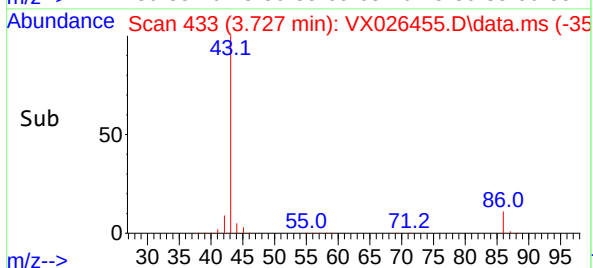
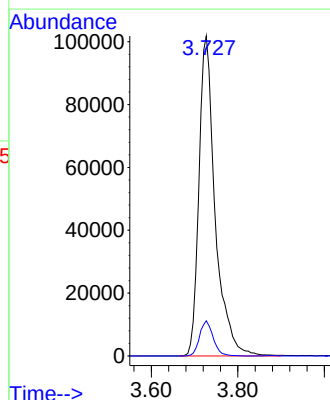
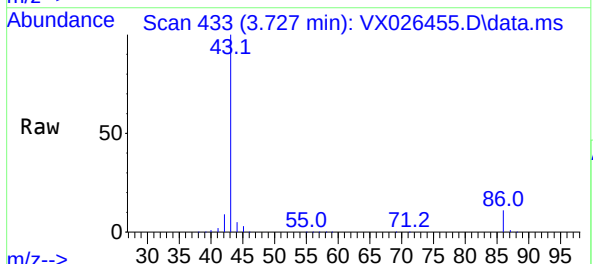
APPROVED

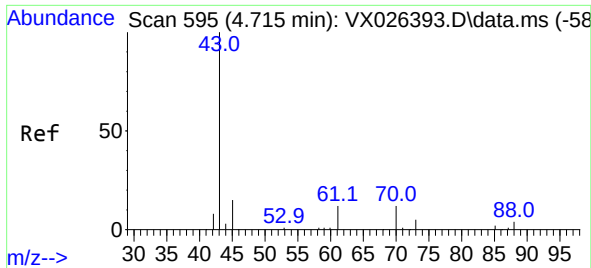
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#42
Vinyl Acetate
Concen: 99.330 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

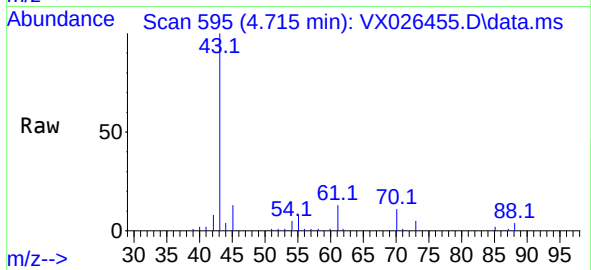
Tgt Ion: 43 Resp: 264516
Ion Ratio Lower Upper
43 100
86 9.2 7.1 10.7





#43
Ethyl Acetate
Concen: 21.030 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

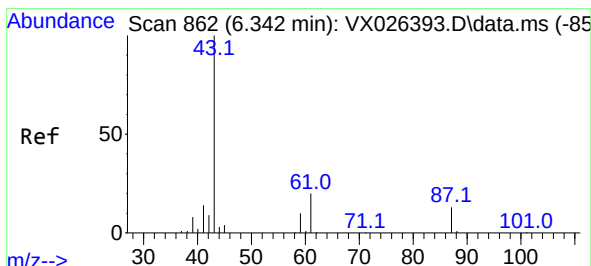
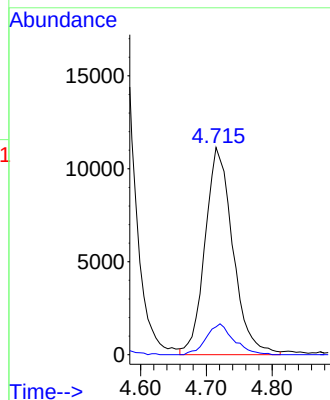
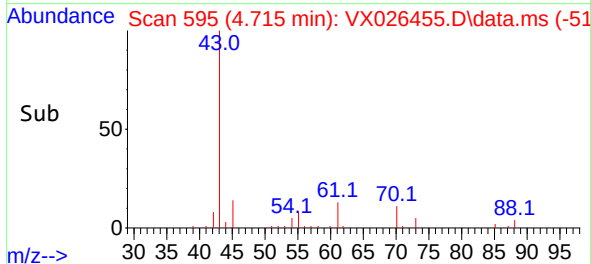
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 32864
Ion Ratio Lower Upper
43 100
45 14.7 12.3 18.5

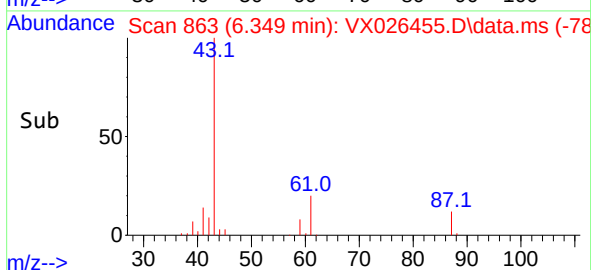
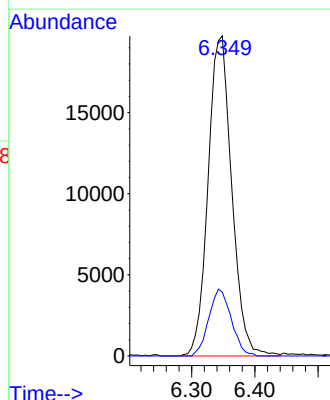
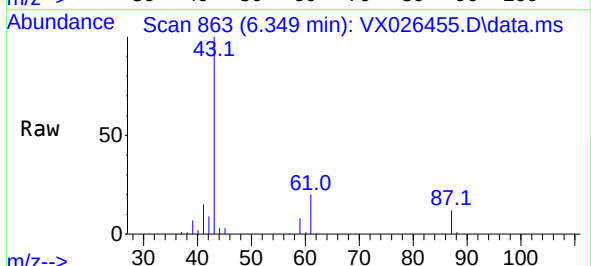
Manual Integrations
APPROVED

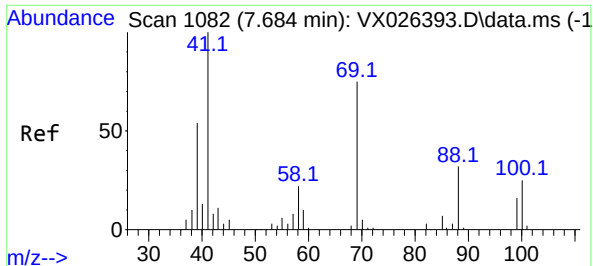
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#44
Isopropyl Acetate
Concen: 19.916 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion: 43 Resp: 51370
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.2





#45

1,4-Dioxane

Concen: 418.217 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.018 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 836

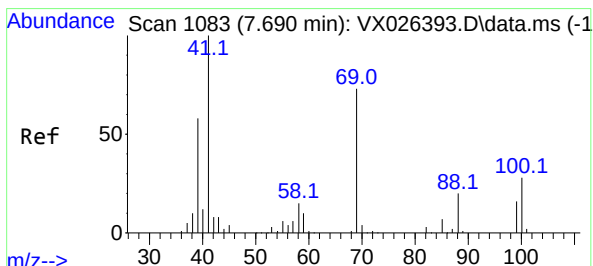
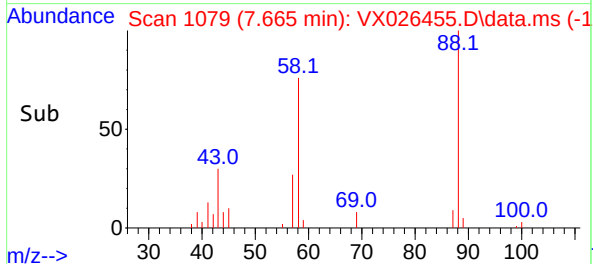
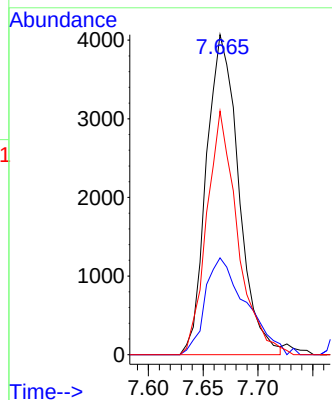
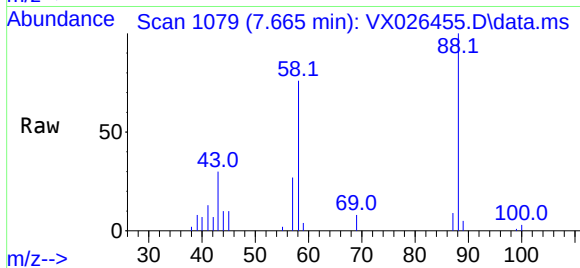
Ion	Ratio	Lower	Upper
88	100		
43	38.0	29.0	43.6
58	72.9	56.2	84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#46

Methyl methacrylate

Concen: 20.436 ug/l

RT: 7.696 min Scan# 1084

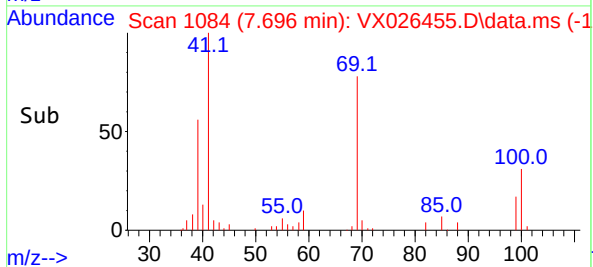
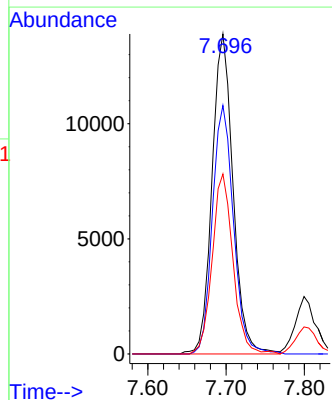
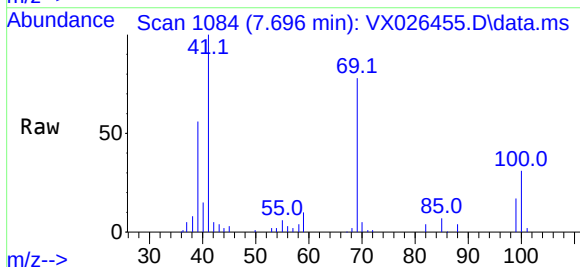
Delta R.T. 0.006 min

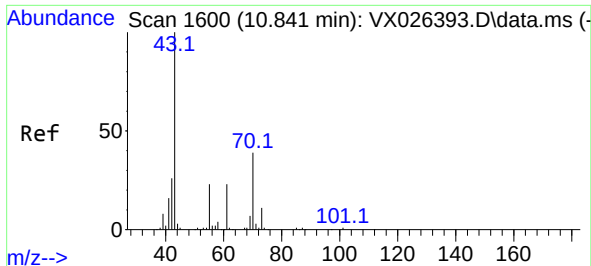
Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Tgt Ion: 41 Resp: 25856

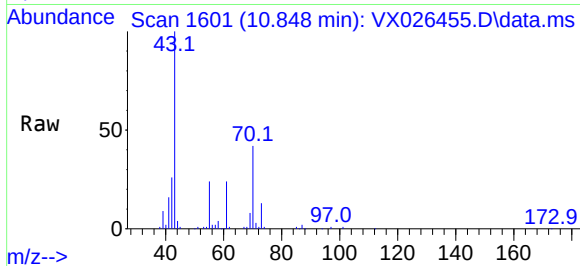
Ion	Ratio	Lower	Upper
41	100		
69	77.6	36.6	109.9
39	56.2	29.3	87.8





#47
n-amy1 Acetate
Concen: 21.219 ug/l
RT: 10.848 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

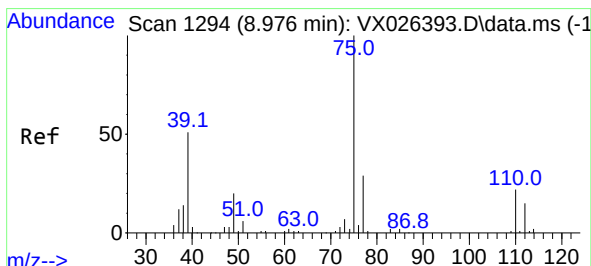
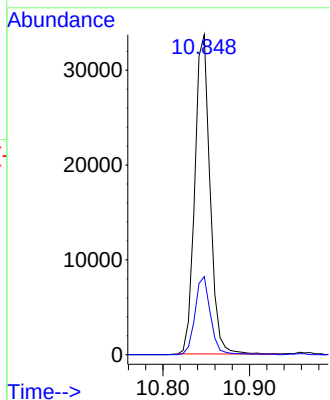
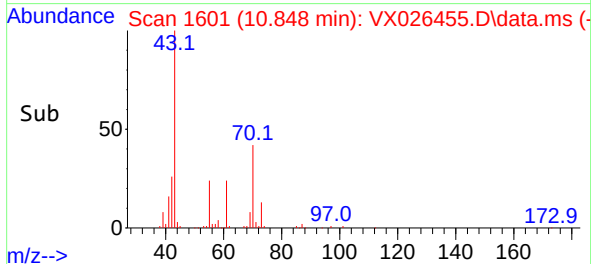
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



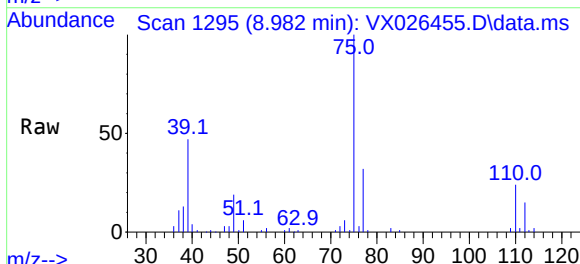
Tgt Ion: 43 Resp: 40950
Ion Ratio Lower Upper
43 100
55 25.0 18.9 28.3

Manual Integrations
APPROVED

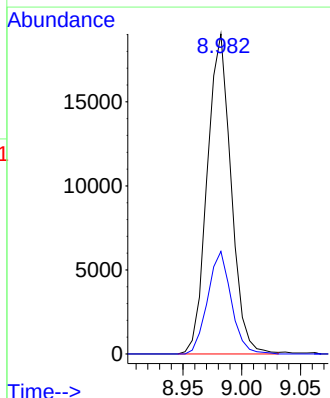
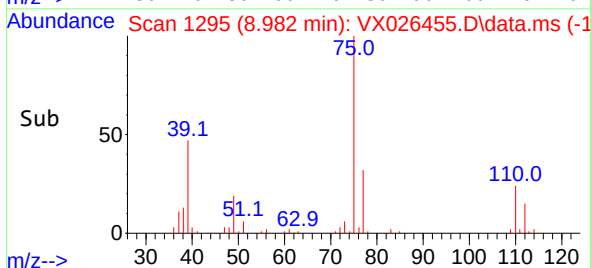
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

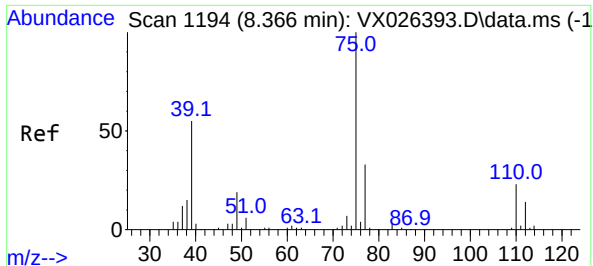


#48
t-1,3-Dichloropropene
Concen: 17.694 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 75 Resp: 26880
Ion Ratio Lower Upper
75 100
77 32.1 23.4 35.2





#49
cis-1,3-Dichloropropene
Concen: 18.318 ug/l
RT: 8.373 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

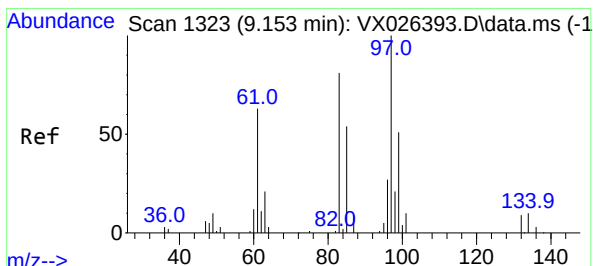
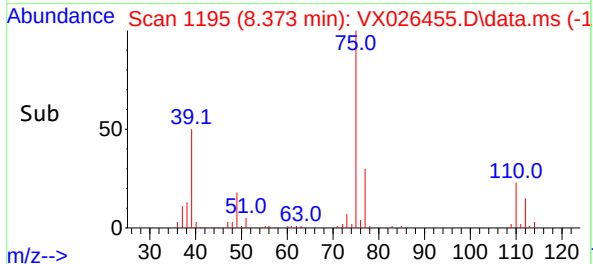
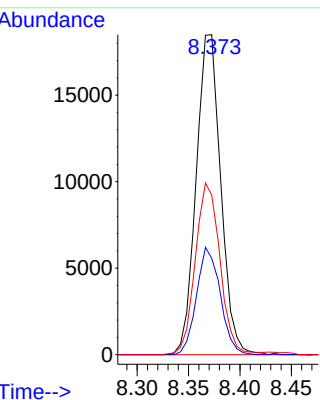
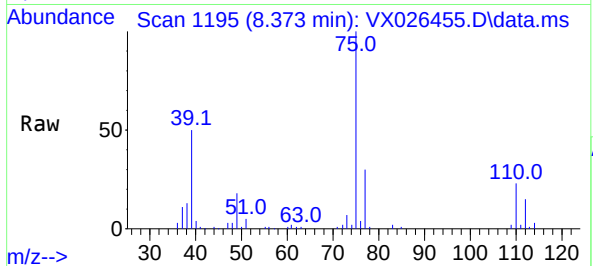
VSTDCCC020EC

Tgt Ion: 75 Resp: 3077
Ion Ratio Lower Upper
75 100
77 30.1 26.1 39.1
39 49.6 44.1 66.1

Manual Integrations

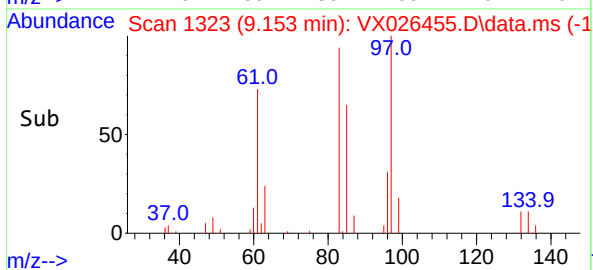
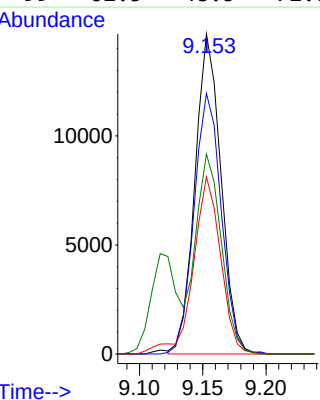
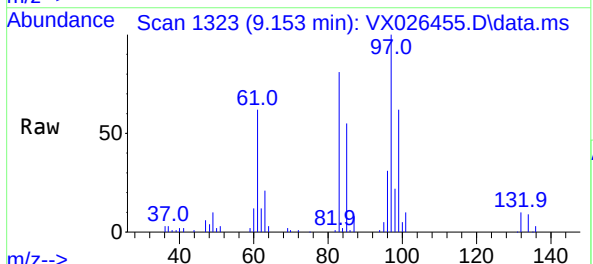
APPROVED

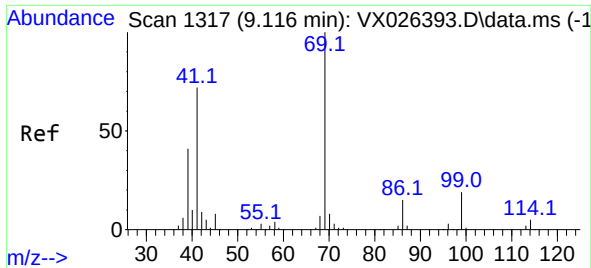
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#50
1,1,2-Trichloroethane
Concen: 20.779 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion: 97 Resp: 21062
Ion Ratio Lower Upper
97 100
83 81.4 64.6 96.8
85 55.4 44.1 66.1
99 62.5 48.5 72.7





#51
Ethyl methacrylate
Concen: 20.557 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

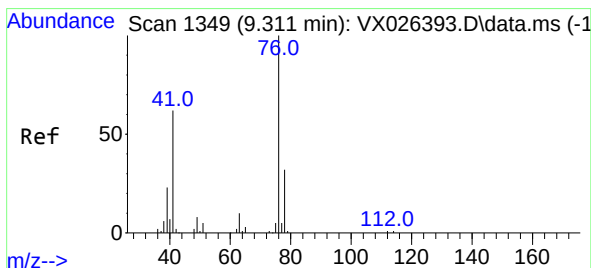
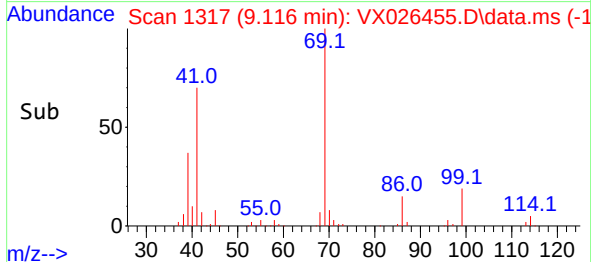
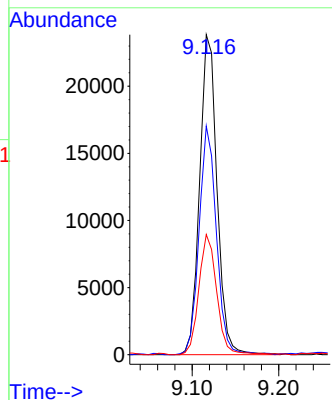
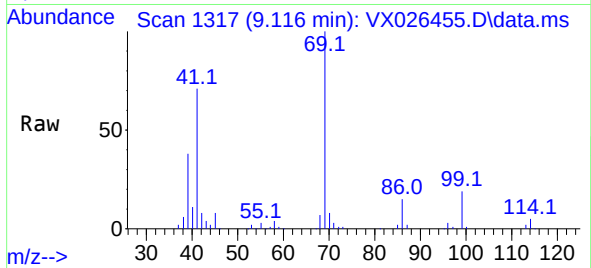
VSTDCCC020EC

Tgt Ion: 69 Resp: 3322
Ion Ratio Lower Upper
69 100
41 71.1 35.9 107.7
39 37.6 20.3 61.0

Manual Integrations

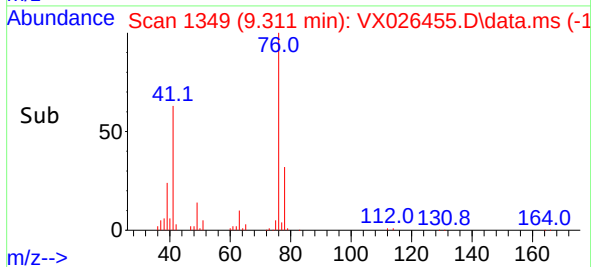
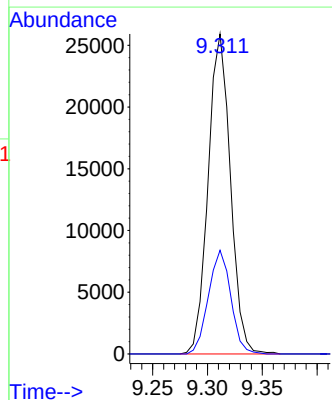
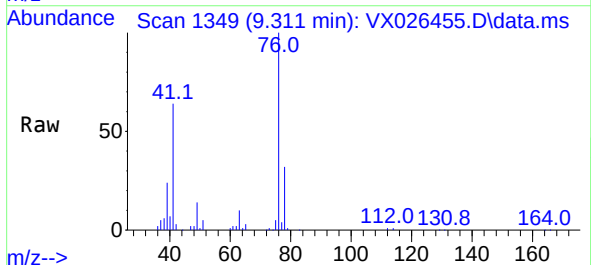
APPROVED

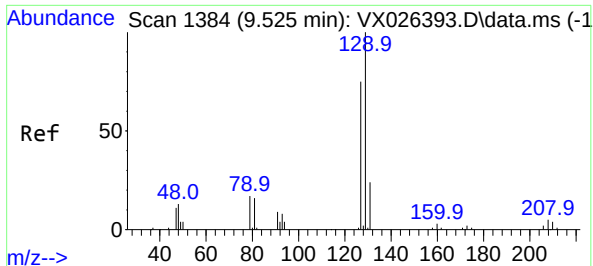
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#52
1,3-Dichloropropane
Concen: 20.880 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion: 76 Resp: 36678
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





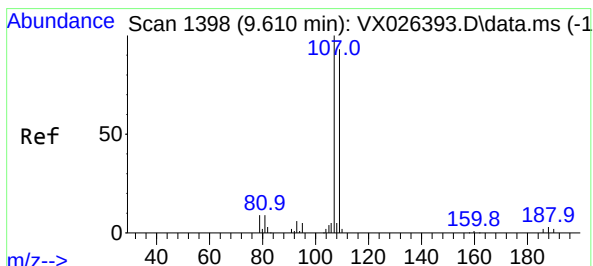
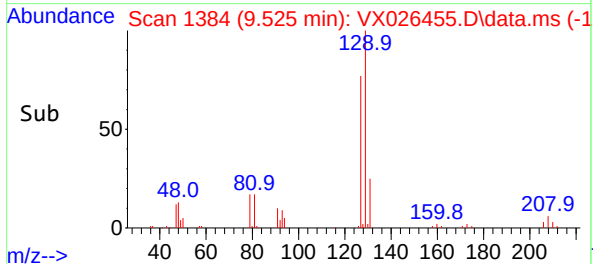
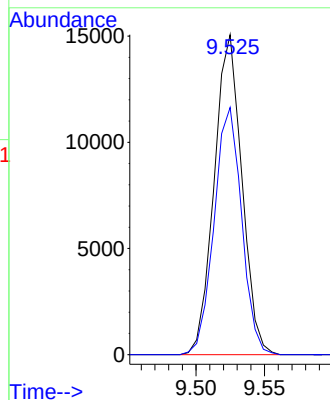
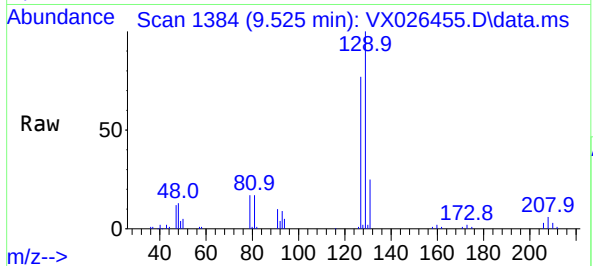
#53
Dibromochloromethane
Concen: 19.209 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:129 Resp: 2116
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9

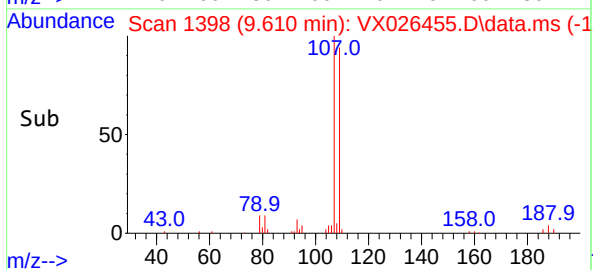
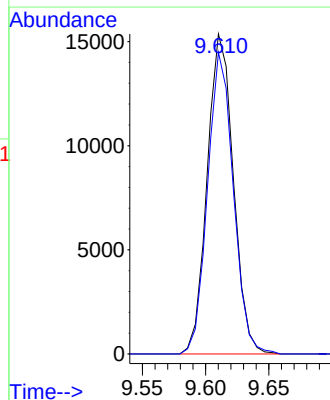
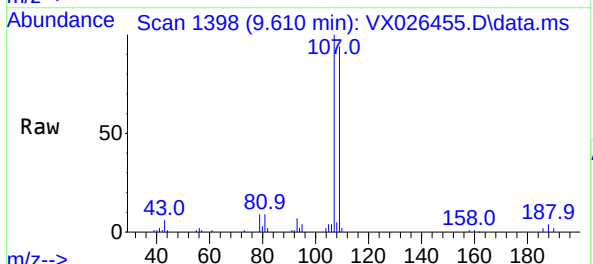
Manual Integrations
APPROVED

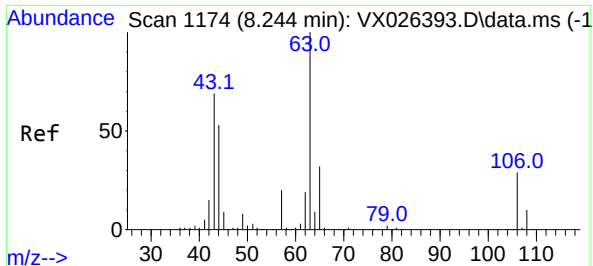
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#54
1,2-Dibromoethane
Concen: 20.561 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion:107 Resp: 22103
Ion Ratio Lower Upper
107 100
109 92.8 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 103.820 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 89754

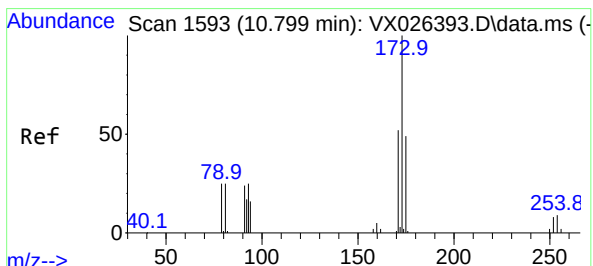
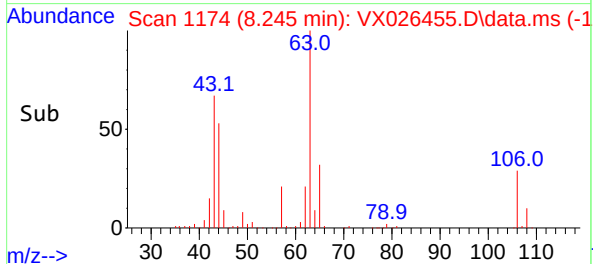
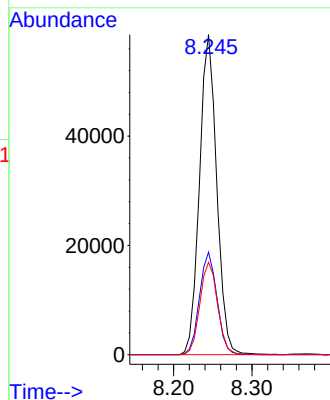
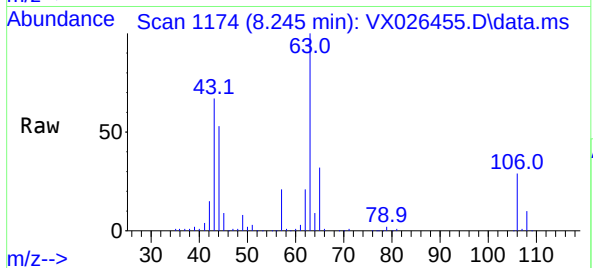
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.4	38.2
106	29.5	23.1	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#56

Bromoform

Concen: 19.028 ug/l

RT: 10.799 min Scan# 1593

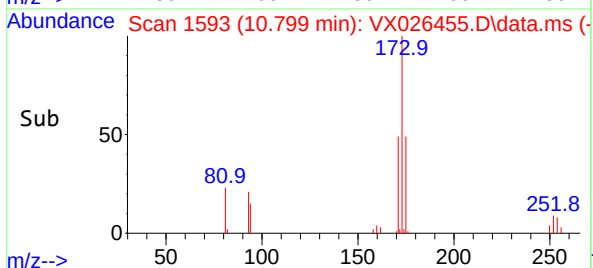
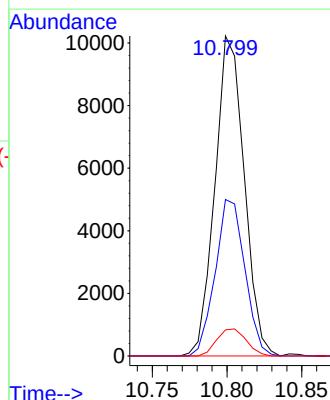
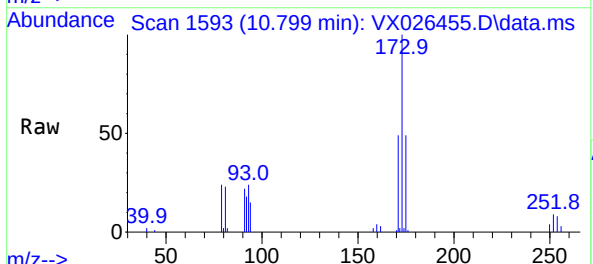
Delta R.T. 0.000 min

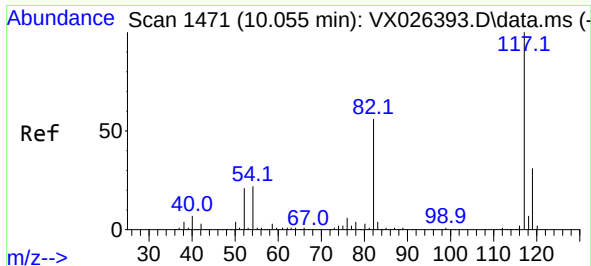
Lab File: VX026455.D

Acq: 14 Jan 2022 15:03

Tgt Ion:173 Resp: 13916

Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.0	57.0
254	8.5	6.6	10.0





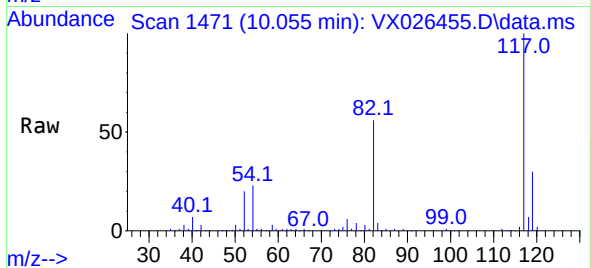
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

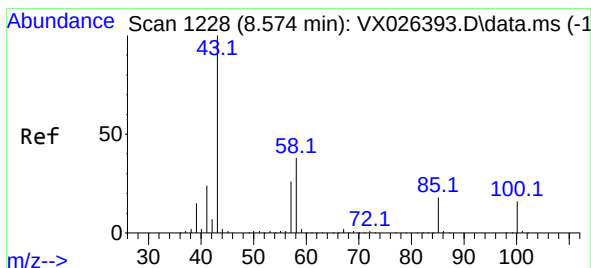
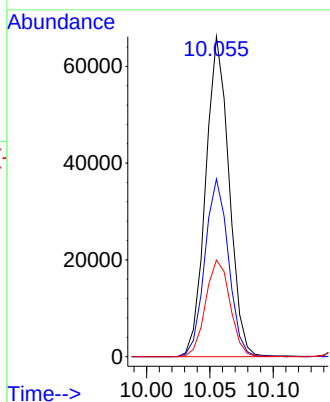
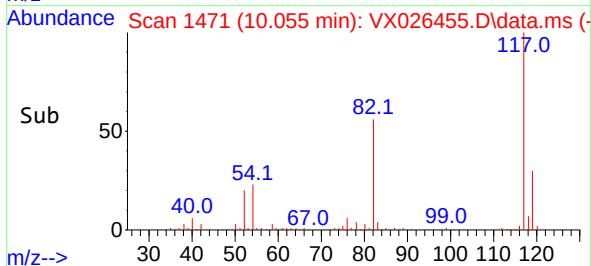


Tgt Ion:117 Resp: 8514
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.5 25.4 38.2

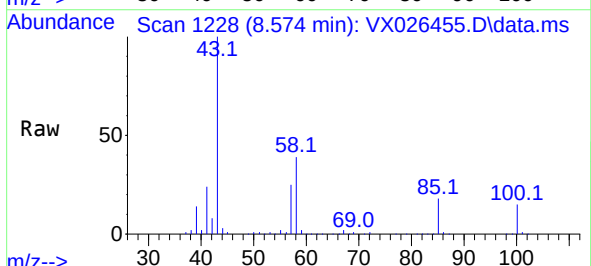
Manual Integrations

APPROVED

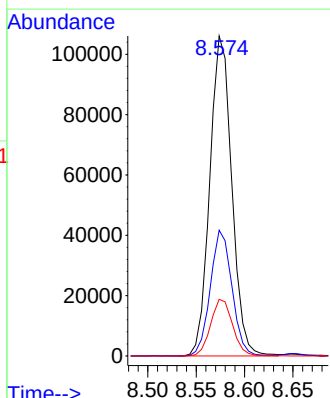
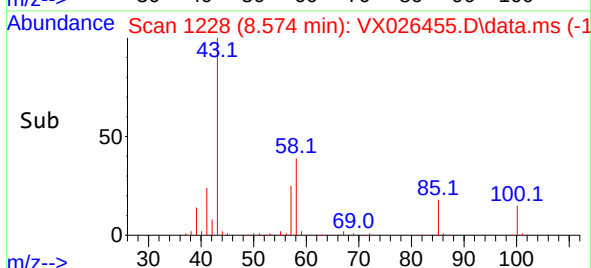
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

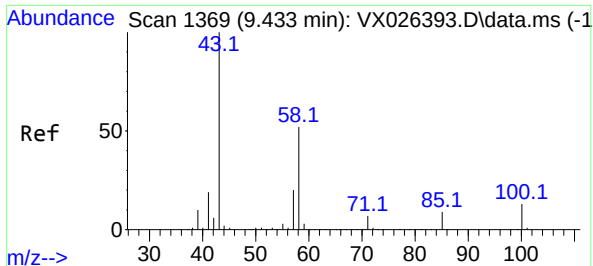


#58
4-Methyl-2-Pentanone
Concen: 105.595 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 43 Resp: 167699
Ion Ratio Lower Upper
43 100
58 38.7 30.2 45.4
85 17.8 14.1 21.1





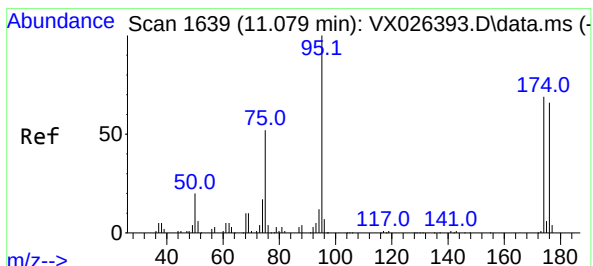
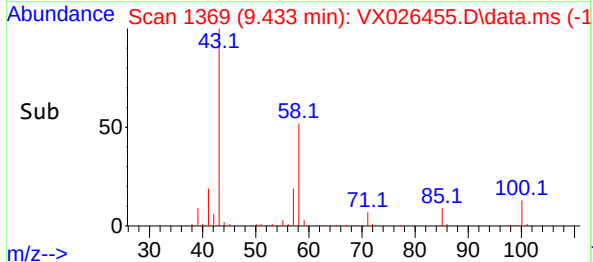
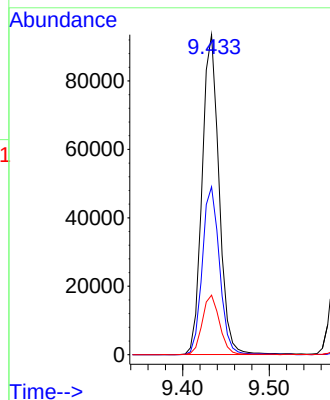
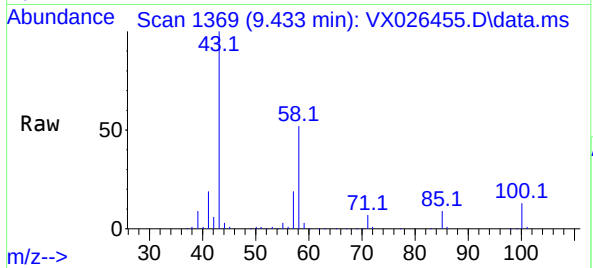
#59
2-Hexanone
Concen: 102.859 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 12648
Ion Ratio Lower Upper
43 100
58 53.7 42.0 63.0
57 19.1 15.2 22.8

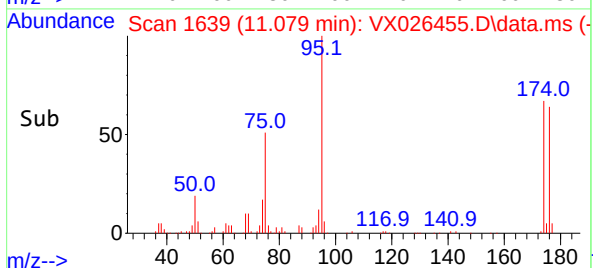
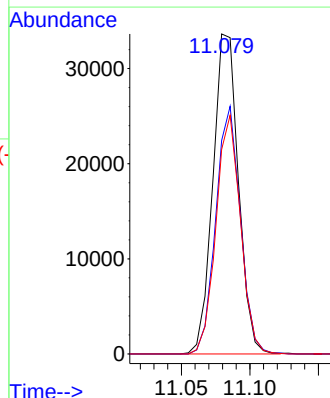
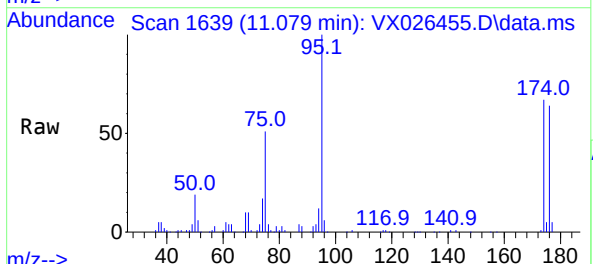
Manual Integrations
APPROVED

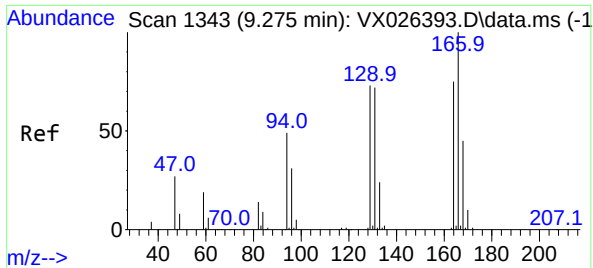
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#60
4-Bromofluorobenzene
Concen: 30.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

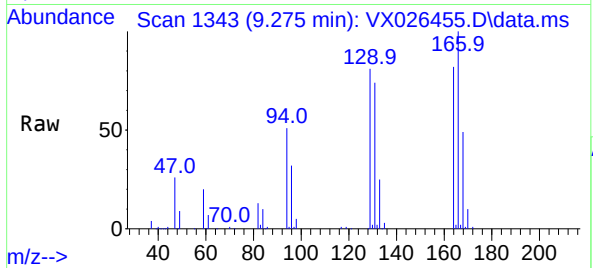
Tgt Ion: 95 Resp: 43510
Ion Ratio Lower Upper
95 100
174 74.5 58.0 87.0
176 71.5 56.5 84.7





#61
Tetrachloroethene
Concen: 19.469 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

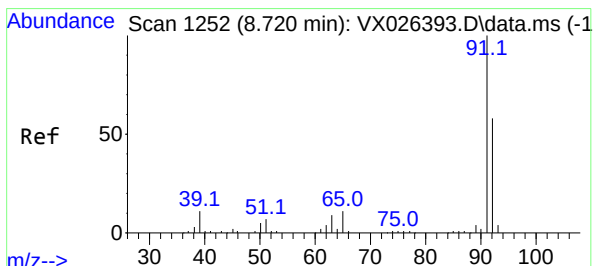
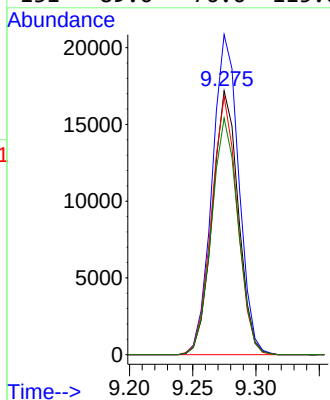
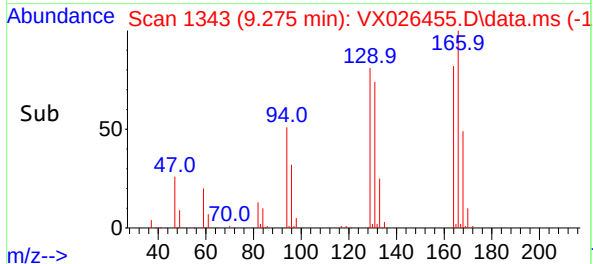
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



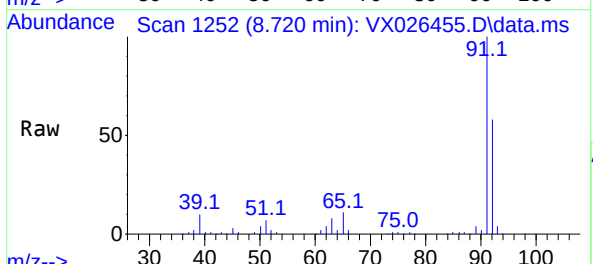
Tgt Ion:164 Resp: 2443
Ion Ratio Lower Upper
164 100
166 121.3 107.0 160.4
129 97.8 77.6 116.4
131 89.6 76.6 115.0

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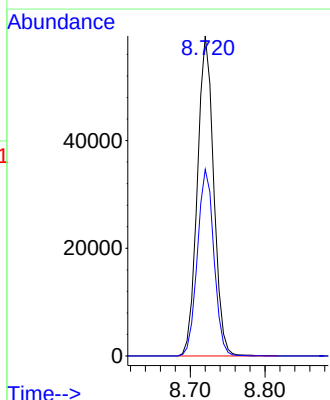
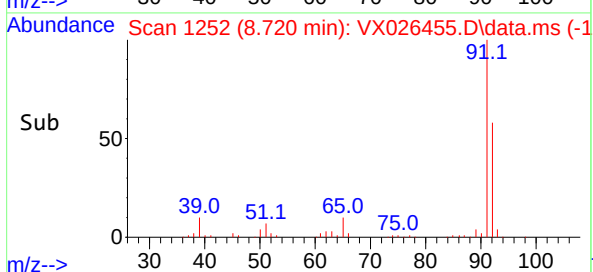
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

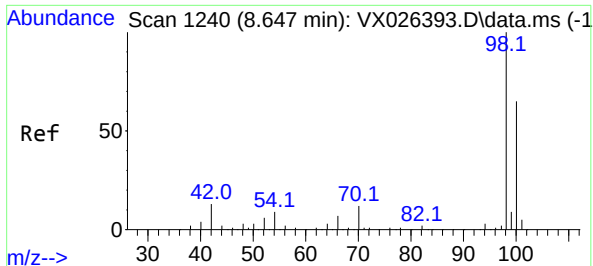


#62
Toluene
Concen: 19.827 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 91 Resp: 90125
Ion Ratio Lower Upper
91 100
92 58.9 47.2 70.8





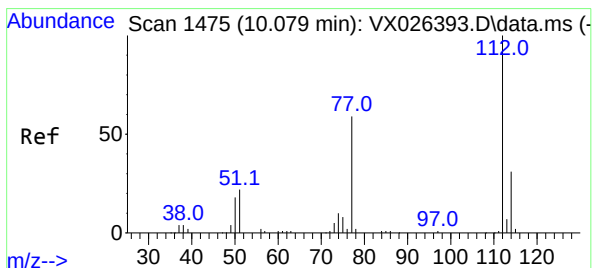
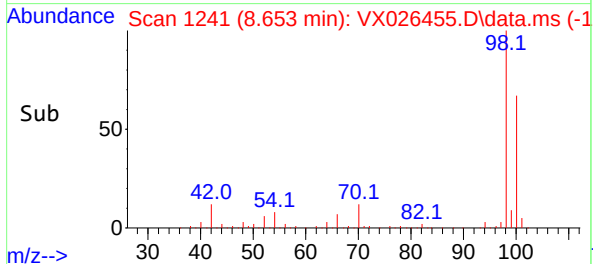
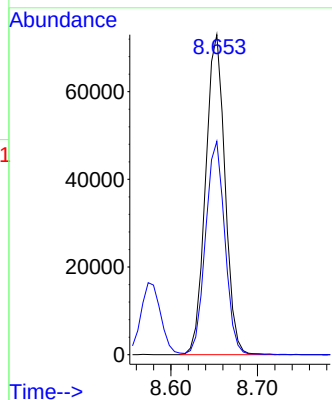
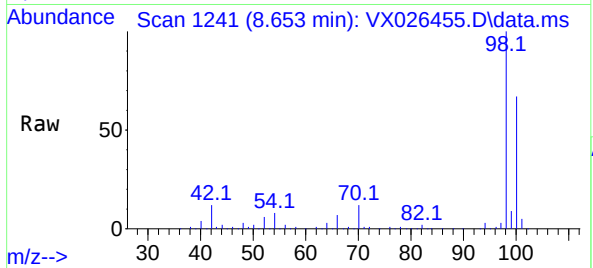
#63
Toluene-d8
Concen: 28.981 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 11335
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7

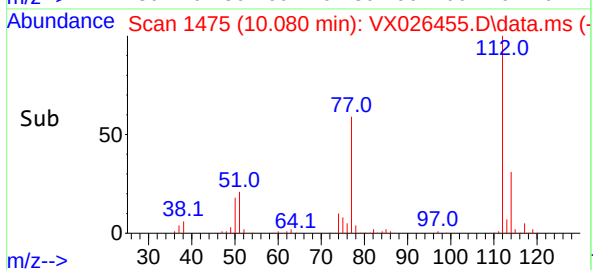
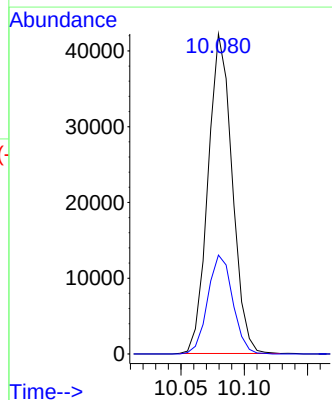
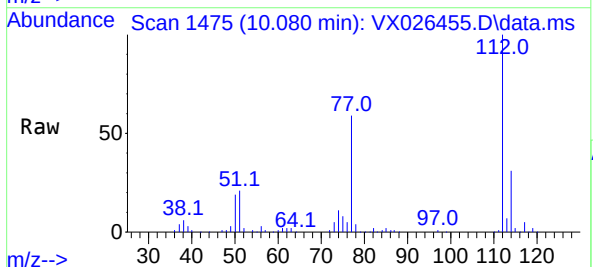
Manual Integrations
APPROVED

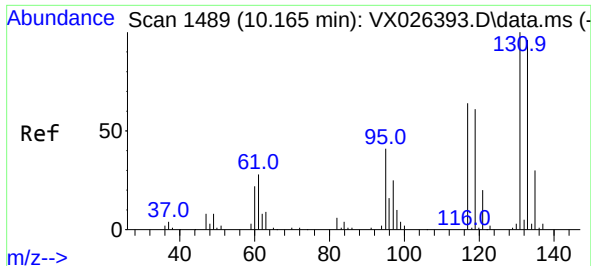
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#64
Chlorobenzene
Concen: 20.281 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

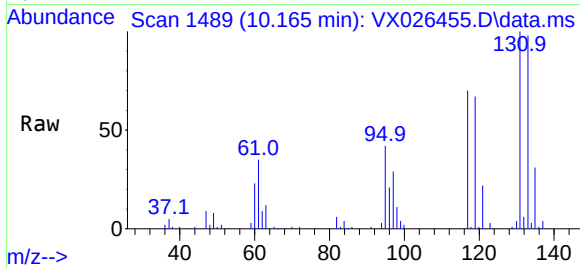
Tgt Ion:112 Resp: 55968
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.736 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

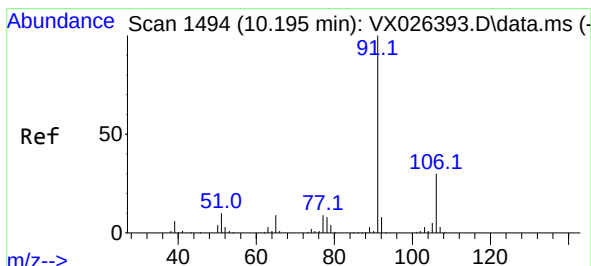
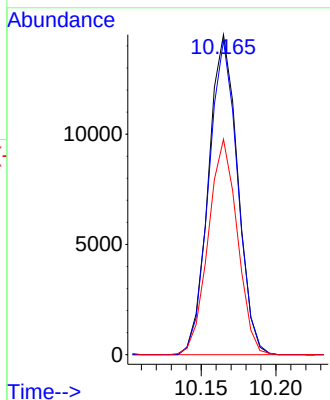
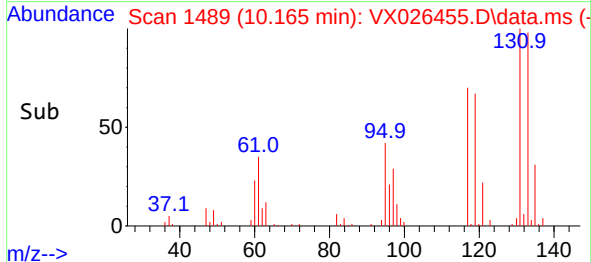
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



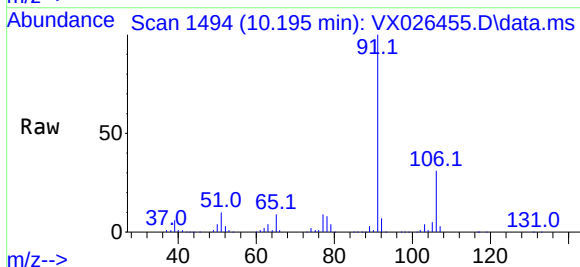
Tgt Ion:131 Resp: 19689
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.4
119 67.1 0.0 125.4

Manual Integrations
APPROVED

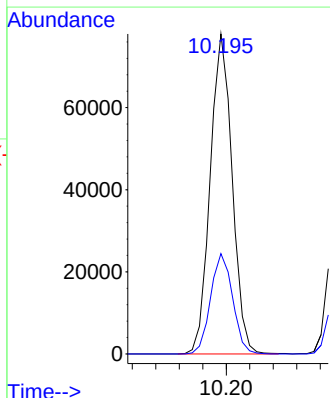
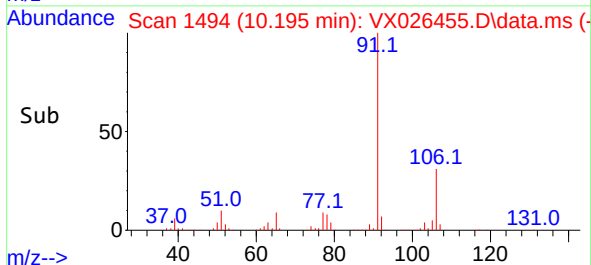
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

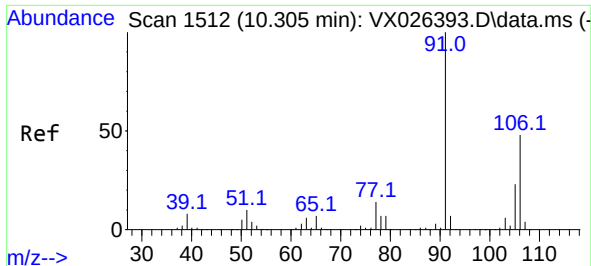


#66
Ethyl Benzene
Concen: 19.895 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 91 Resp: 101188
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6





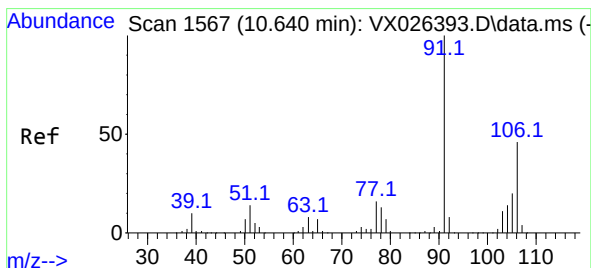
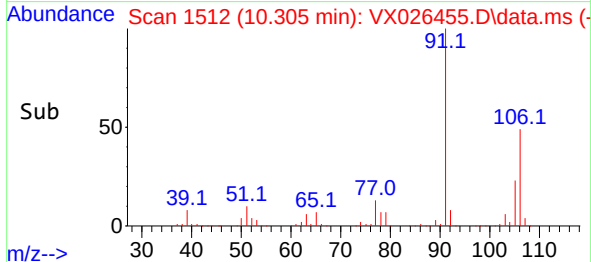
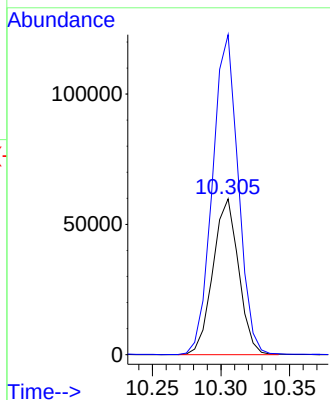
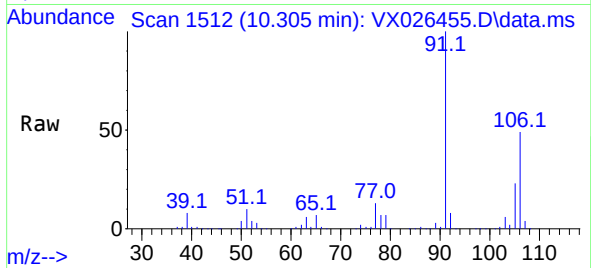
#67
m/p-Xylenes
Concen: 41.331 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 78100
Ion Ratio Lower Upper
106 100
91 205.7 167.2 250.8

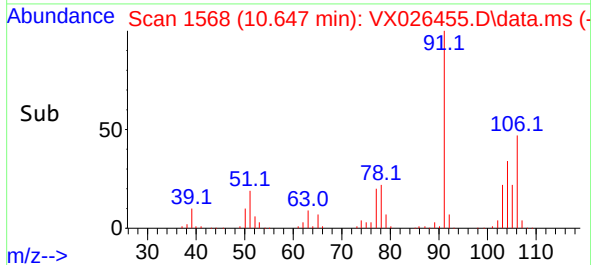
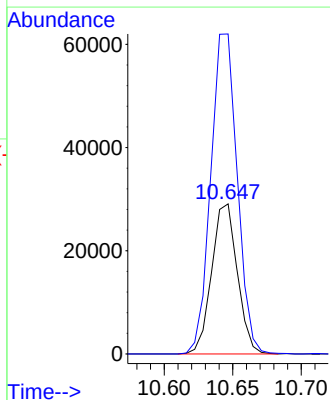
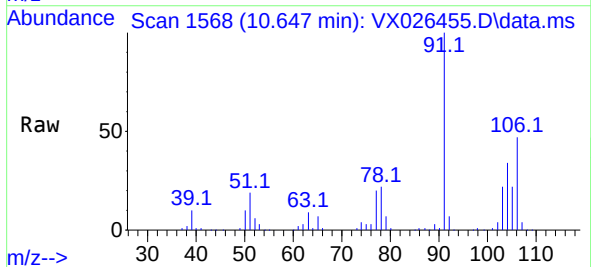
Manual Integrations
APPROVED

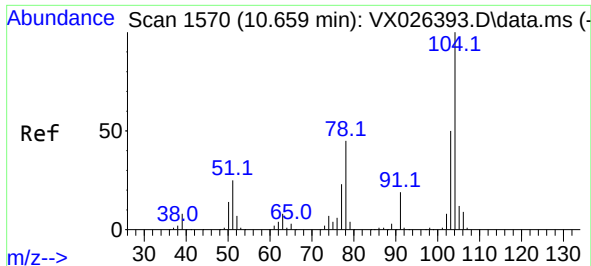
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#68
o-Xylene
Concen: 20.666 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion:106 Resp: 37875
Ion Ratio Lower Upper
106 100
91 220.6 108.7 326.3





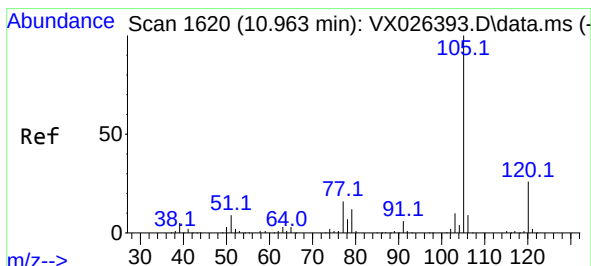
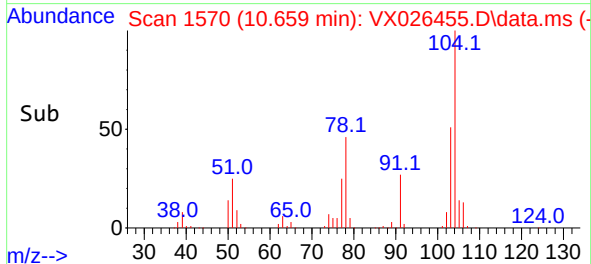
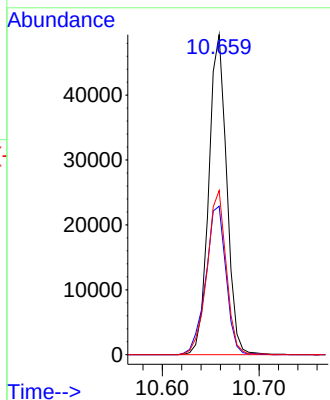
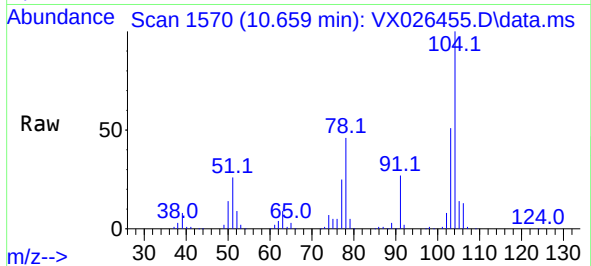
#69
Styrene
Concen: 20.877 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 6359
Ion Ratio Lower Upper
104 100
78 52.5 43.3 64.9
103 54.6 44.6 67.0

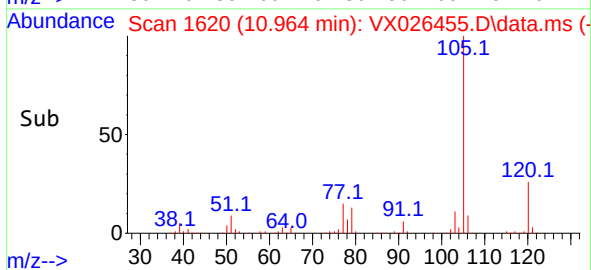
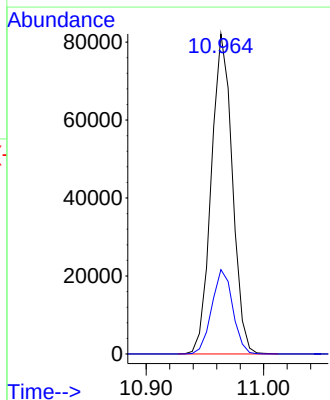
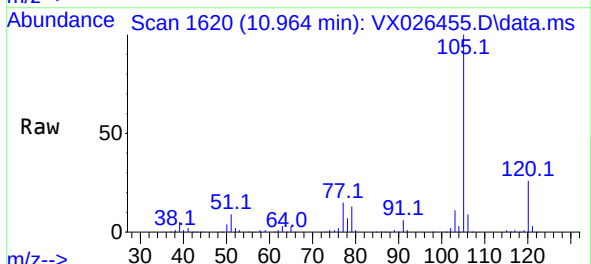
Manual Integrations
APPROVED

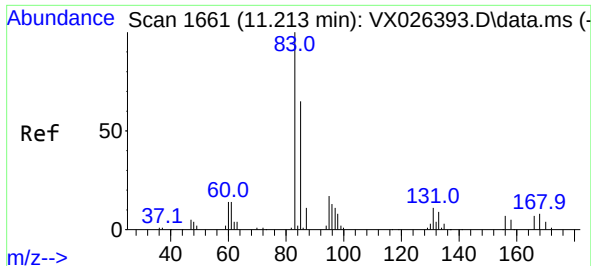
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#70
Isopropylbenzene
Concen: 20.740 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Tgt Ion:105 Resp: 101977
Ion Ratio Lower Upper
105 100
120 26.3 18.1 33.5





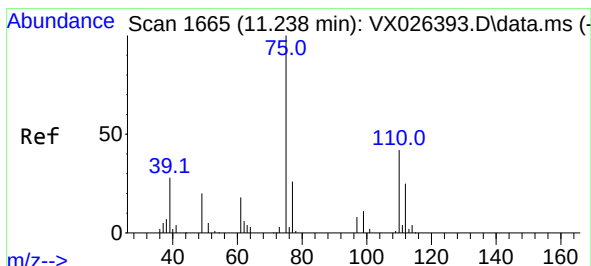
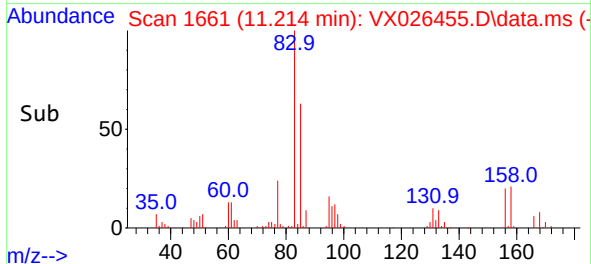
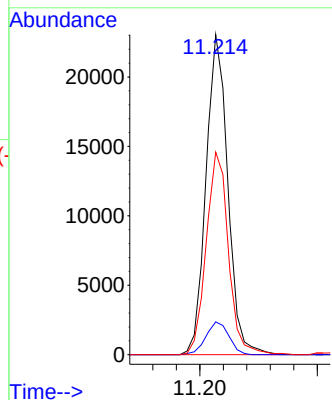
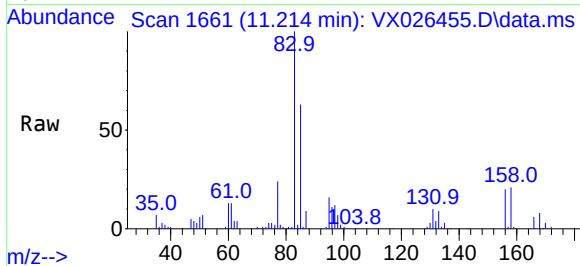
#71
1,1,2,2-Tetrachloroethane
Concen: 22.210 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 2976
Ion Ratio Lower Upper
83 100
131 10.8 5.3 16.1
85 64.2 32.3 96.9

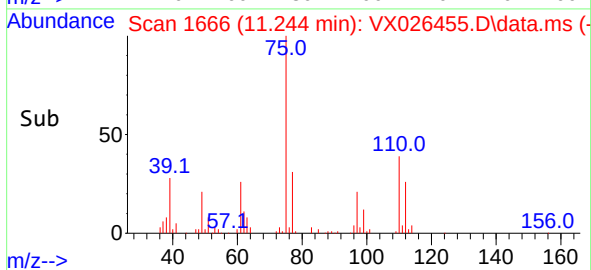
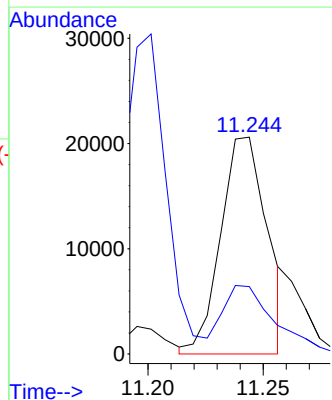
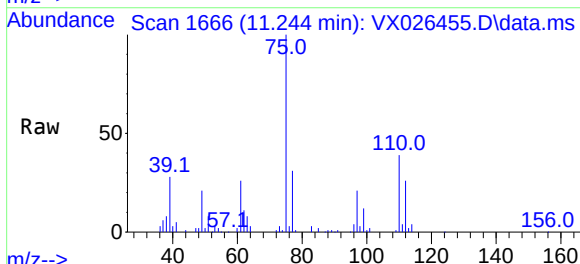
Manual Integrations
APPROVED

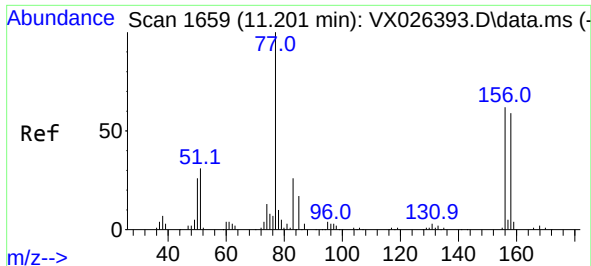
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#72
1,2,3-Trichloropropane
Concen: 21.286 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

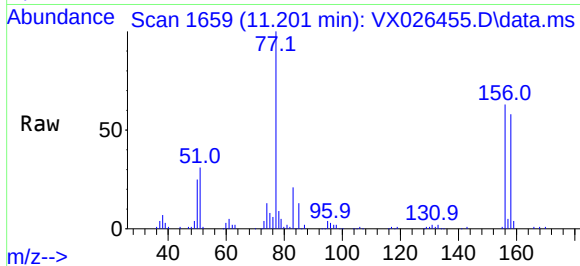
Tgt Ion: 75 Resp: 28926
Ion Ratio Lower Upper
75 100
77 35.6 0.0 76.2





#73
Bromobenzene
Concen: 20.932 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

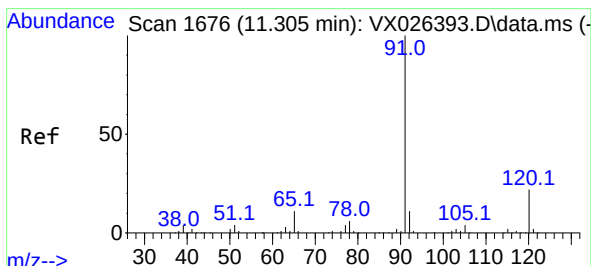
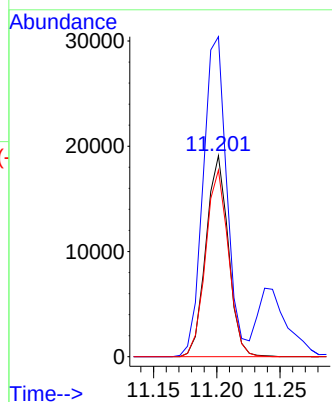
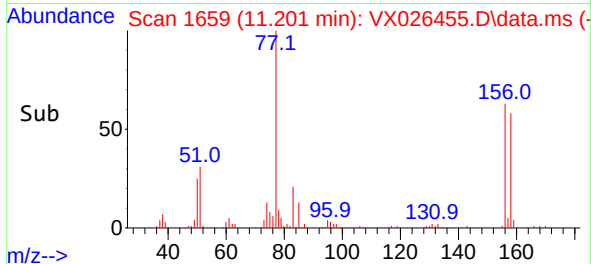
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



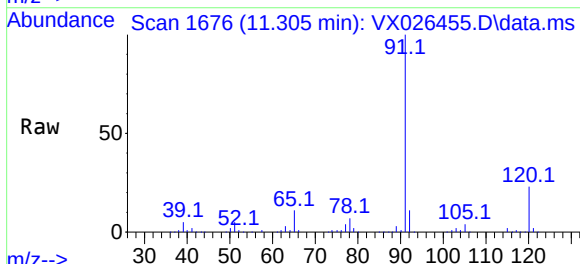
Tgt Ion:156 Resp: 2355
Ion Ratio Lower Upper
156 100
77 168.9 0.0 342.6
158 94.8 0.0 190.2

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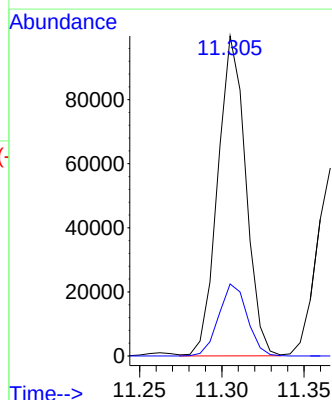
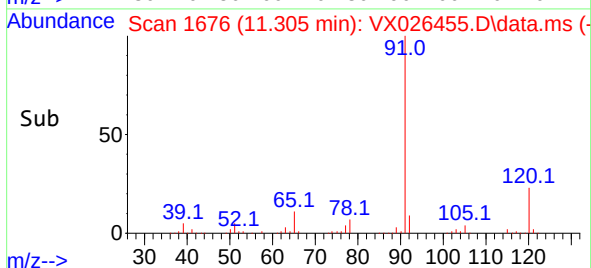
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

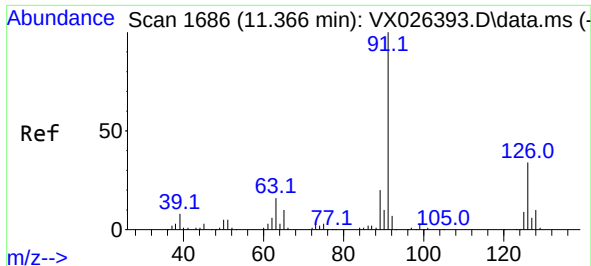


#74
n-propylbenzene
Concen: 20.828 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 91 Resp: 118291
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.8





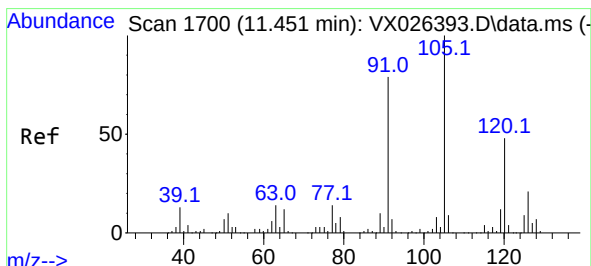
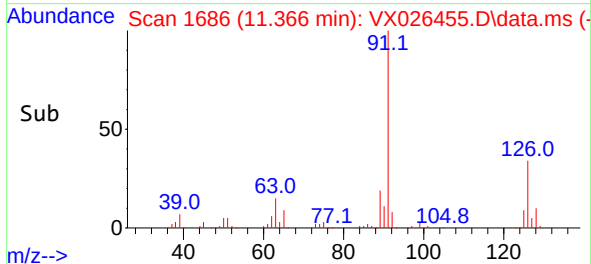
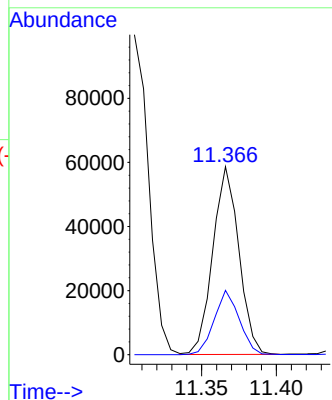
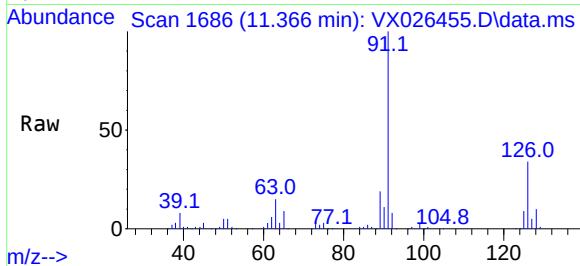
#75
2-Chlorotoluene
Concen: 20.826 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 71058
Ion Ratio Lower Upper
91 100
126 32.9 0.0 66.0

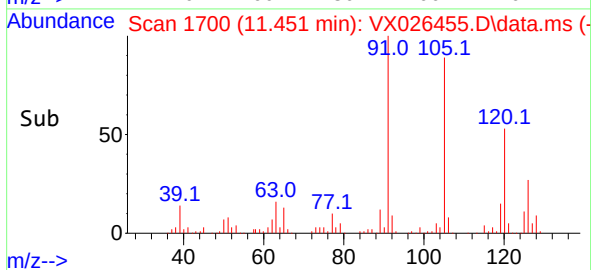
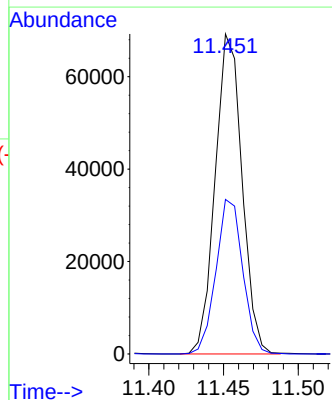
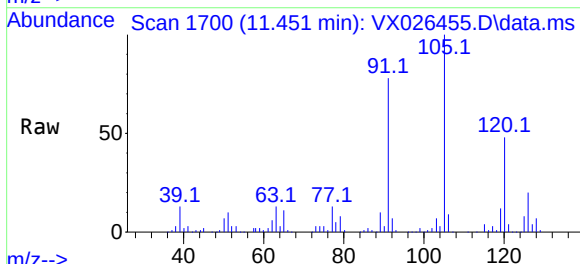
Manual Integrations
APPROVED

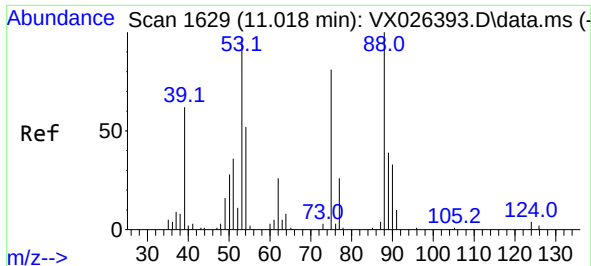
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.053 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

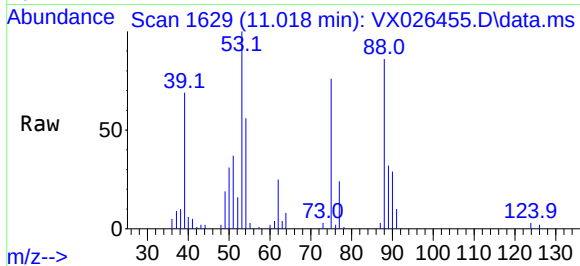
Tgt Ion:105 Resp: 86469
Ion Ratio Lower Upper
105 100
120 48.3 0.0 95.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.489 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

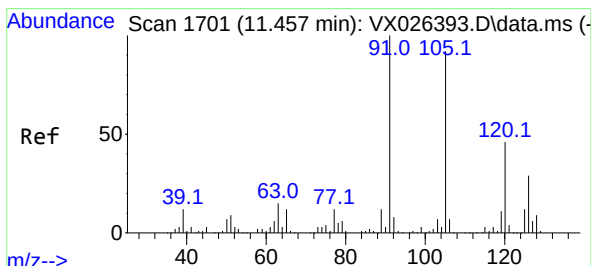
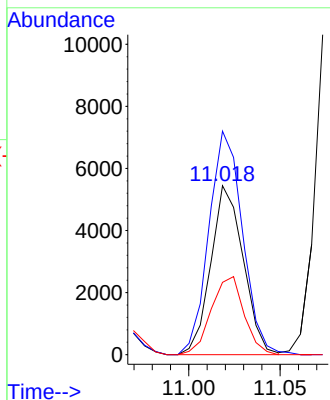
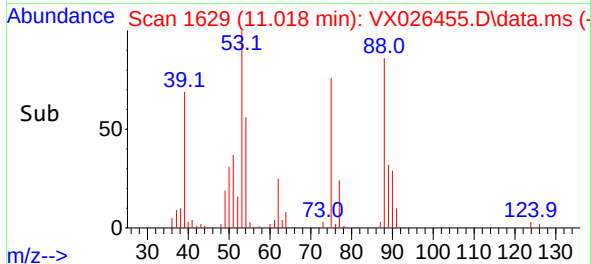
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



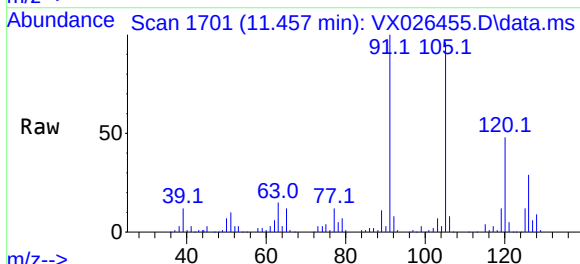
Tgt Ion: 75 Resp: 6739
Ion Ratio Lower Upper
75 100
53 132.3 59.0 176.8
89 42.8 24.0 72.0

Manual Integrations
APPROVED

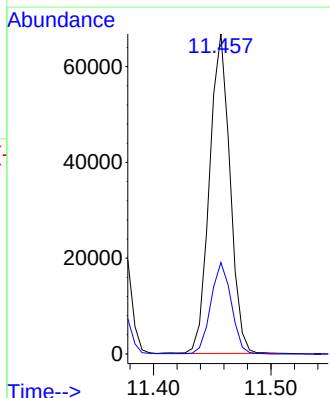
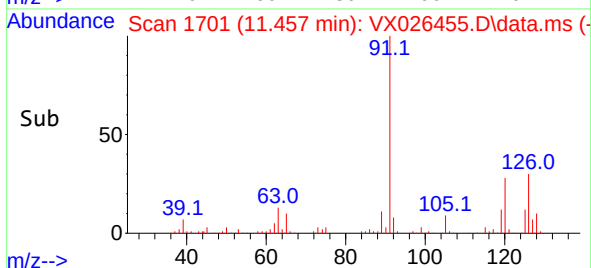
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

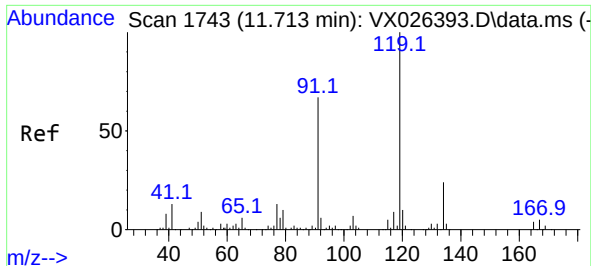


#78
4-Chlorotoluene
Concen: 20.789 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion: 91 Resp: 80863
Ion Ratio Lower Upper
91 100
126 28.5 0.0 56.2





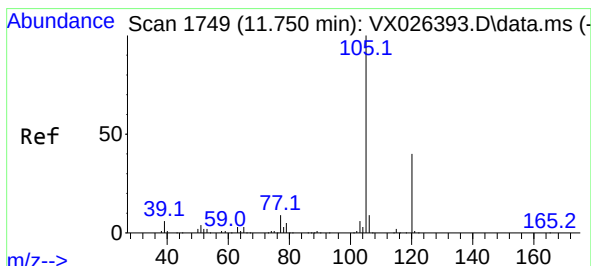
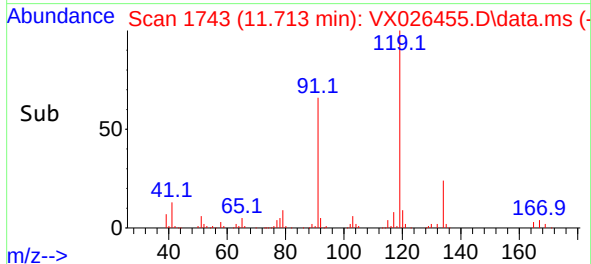
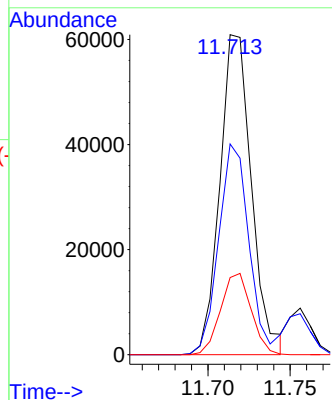
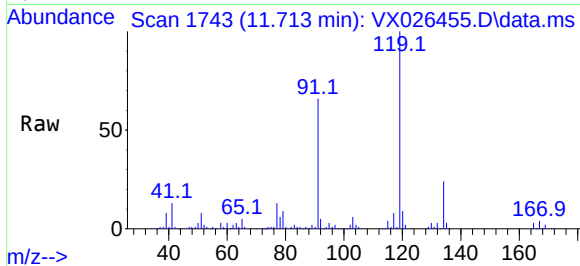
#79
tert-butylbenzene
Concen: 21.464 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 81599
Ion Ratio Lower Upper
119 100
91 62.6 0.0 129.0
134 24.6 0.0 47.8

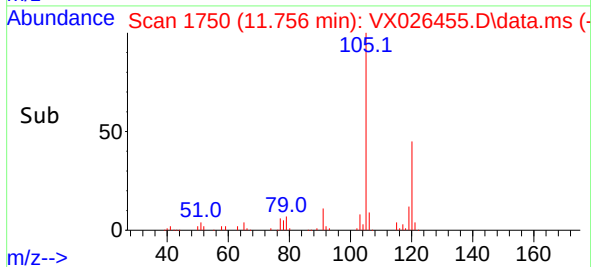
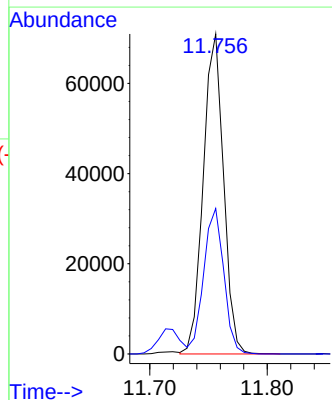
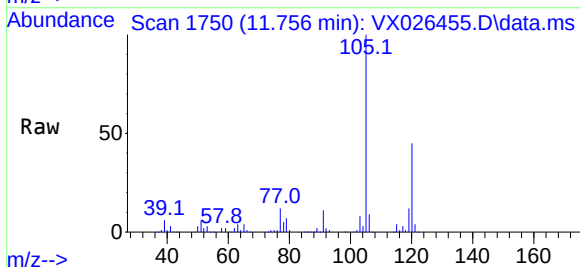
Manual Integrations
APPROVED

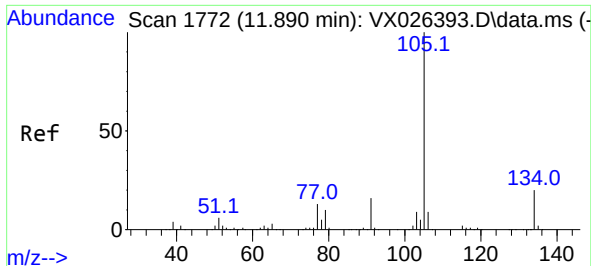
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.991 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

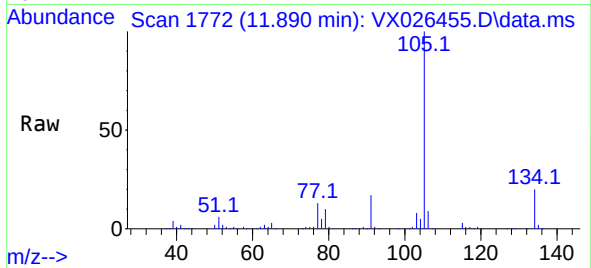
Tgt Ion:105 Resp: 85160
Ion Ratio Lower Upper
105 100
120 45.0 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 21.212 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX026455.D
 Acq: 14 Jan 2022 15:03

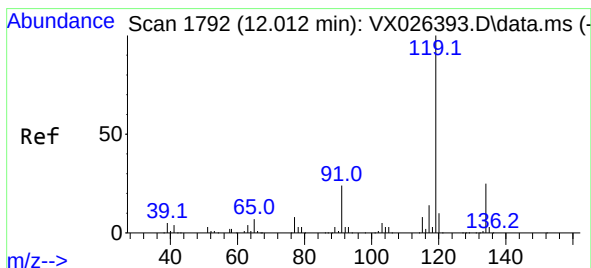
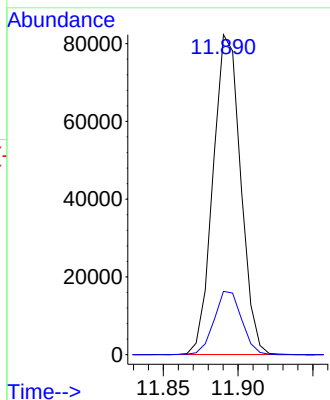
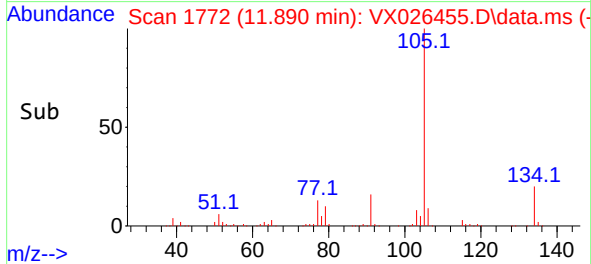
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



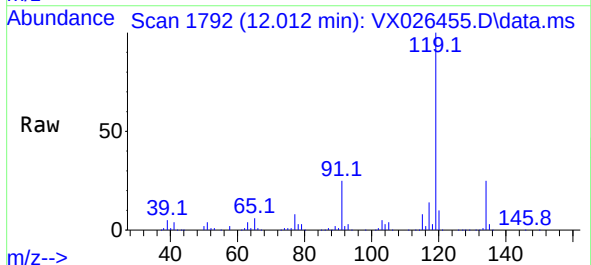
Tgt Ion:105 Resp: 105638
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 40.4

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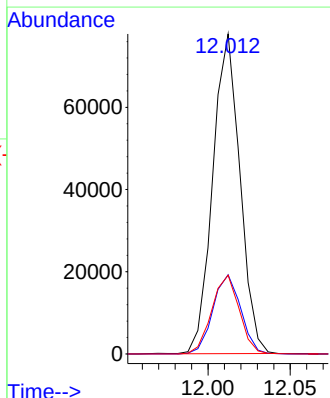
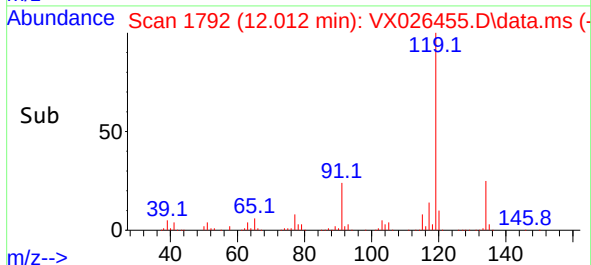
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022

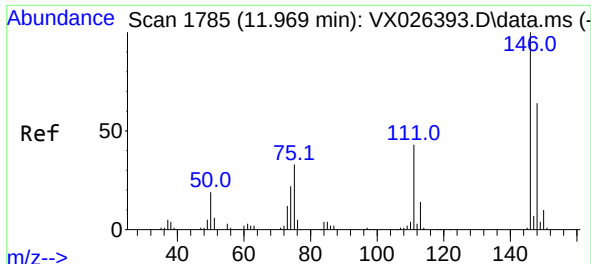


#82
 p-Isopropyltoluene
 Concen: 21.251 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX026455.D
 Acq: 14 Jan 2022 15:03



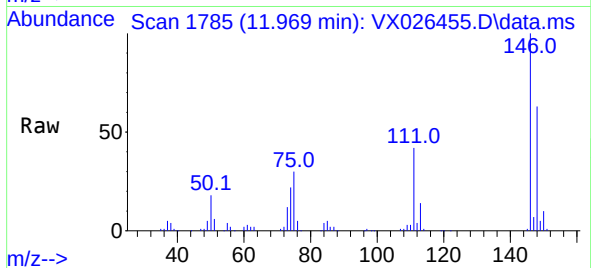
Tgt Ion:119 Resp: 89404
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 24.9 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 21.531 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

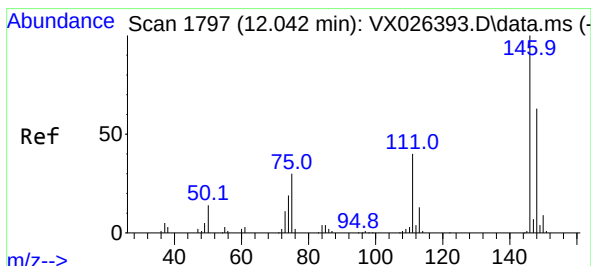
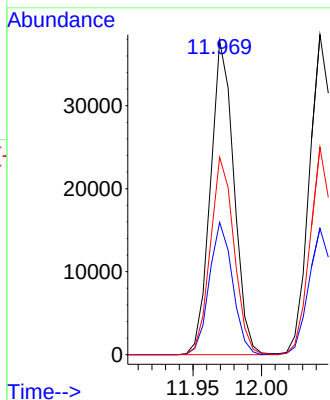
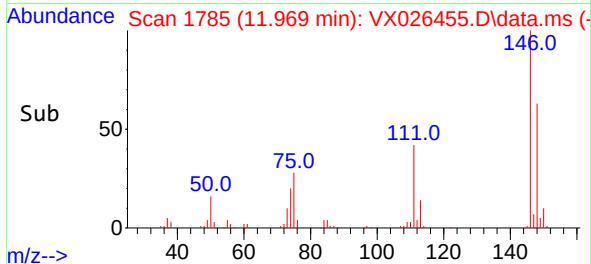
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



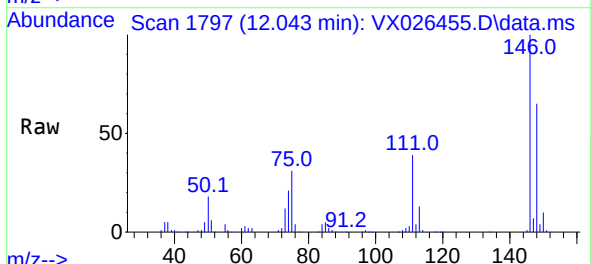
Tgt Ion:146 Resp: 4510
Ion Ratio Lower Upper
146 100
111 41.8 21.3 64.0
148 63.4 32.0 96.0

Manual Integrations
APPROVED

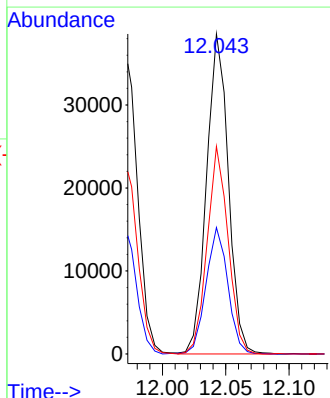
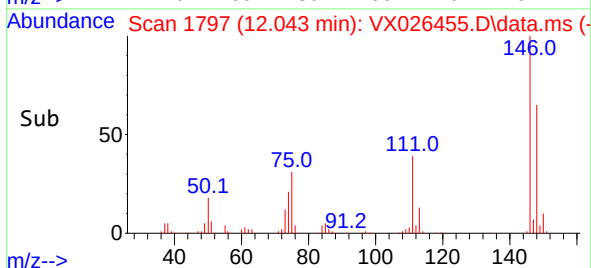
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

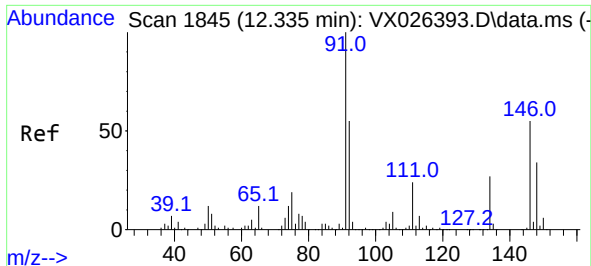


#84
1,4-Dichlorobenzene
Concen: 22.028 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



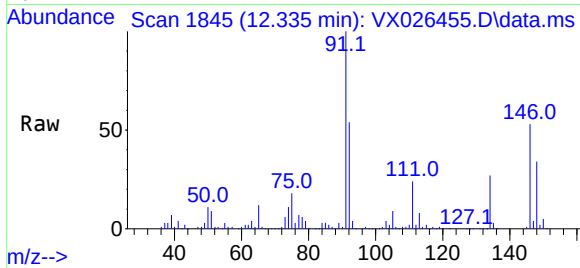
Tgt Ion:146 Resp: 46236
Ion Ratio Lower Upper
146 100
111 39.4 20.0 60.0
148 62.3 31.6 94.7





#85
n-Butylbenzene
Concen: 21.154 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

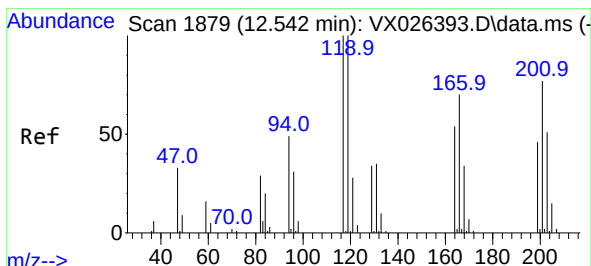
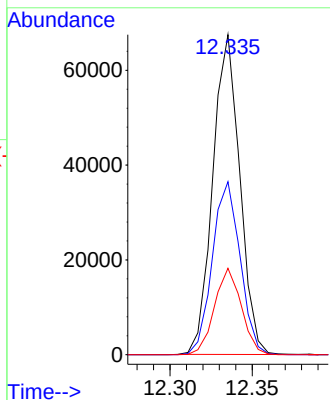
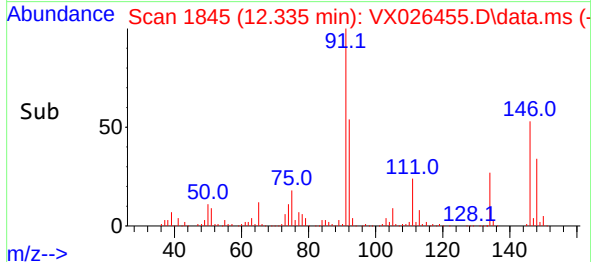
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



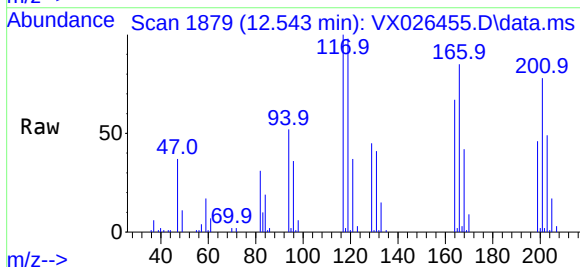
Tgt Ion: 91 Resp: 7702
Ion Ratio Lower Upper
91 100
92 55.6 0.0 109.4
134 26.9 0.0 52.6

Manual Integrations
APPROVED

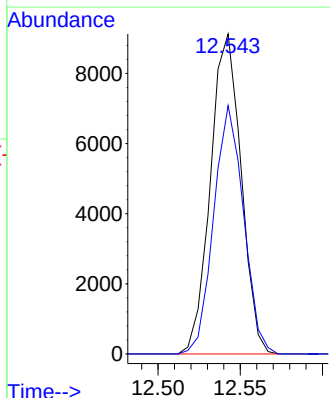
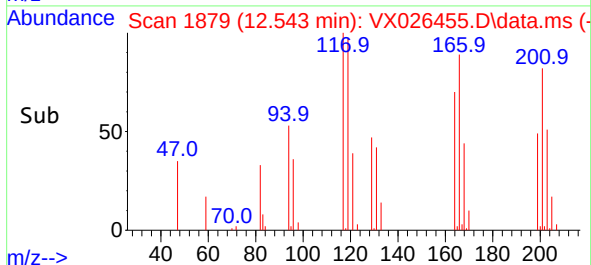
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

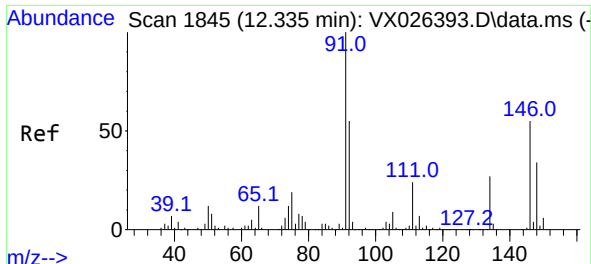


#86
Hexachloroethane
Concen: 18.653 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion:117 Resp: 11847
Ion Ratio Lower Upper
117 100
201 75.4 36.3 108.7





#87
1,2-Dichlorobenzene
Concen: 22.157 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

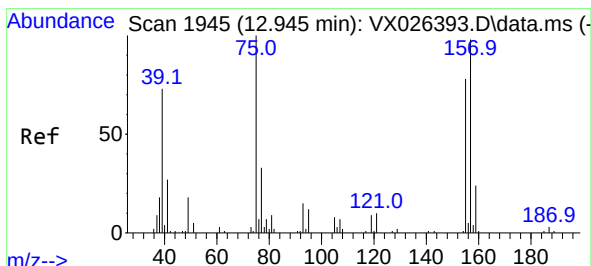
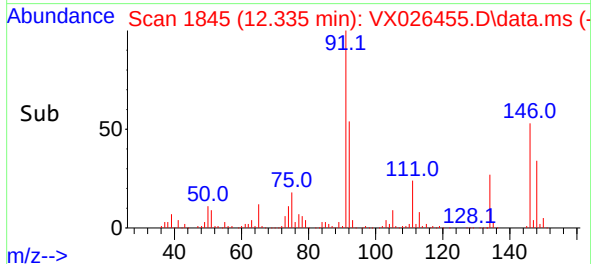
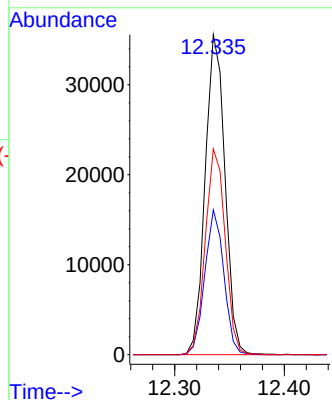
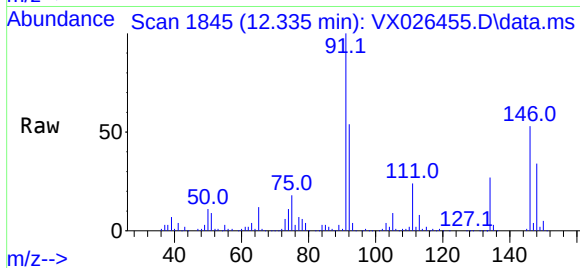
VSTDCCC020EC

Tgt Ion:146 Resp: 44590
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.8
148 64.6 31.6 94.7

Manual Integrations

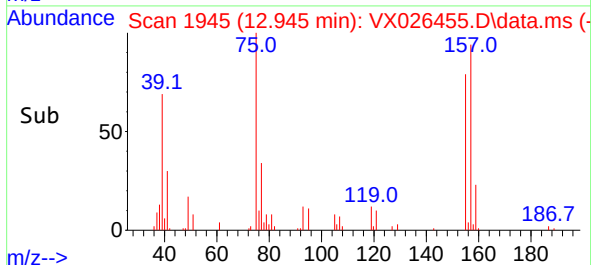
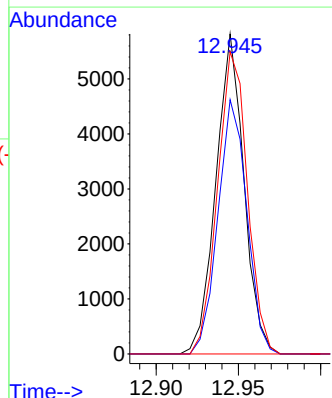
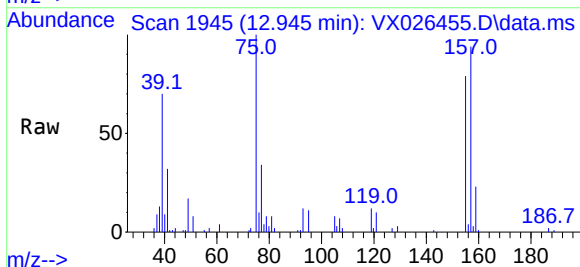
APPROVED

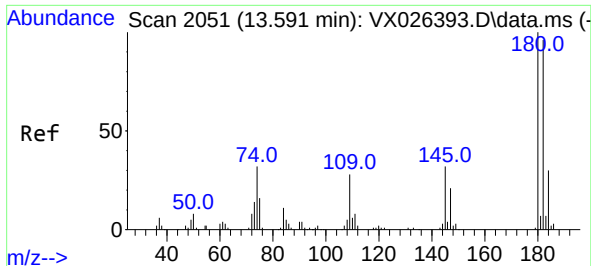
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.164 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

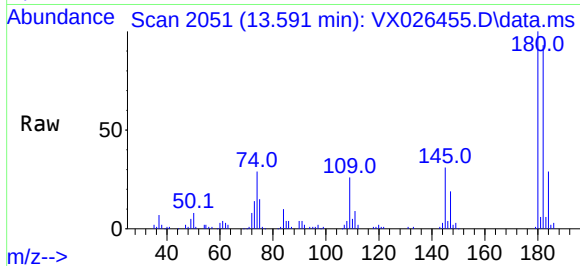
Tgt Ion: 75 Resp: 6894
Ion Ratio Lower Upper
75 100
155 81.8 65.4 98.0
157 100.4 82.1 123.1





#89
1,2,4-Trichlorobenzene
Concen: 21.713 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

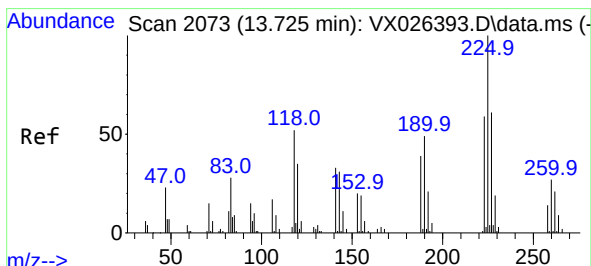
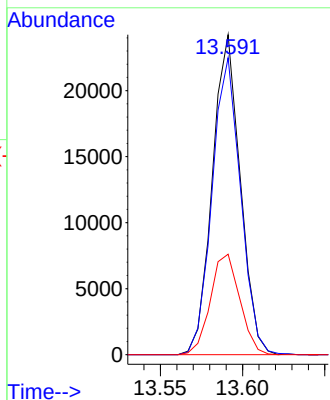
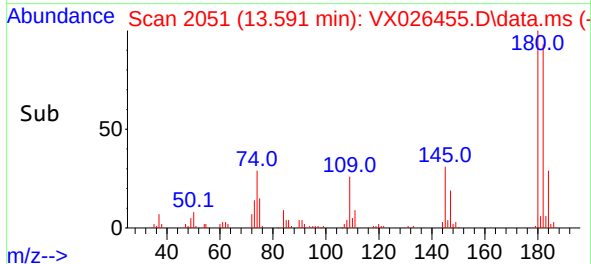
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



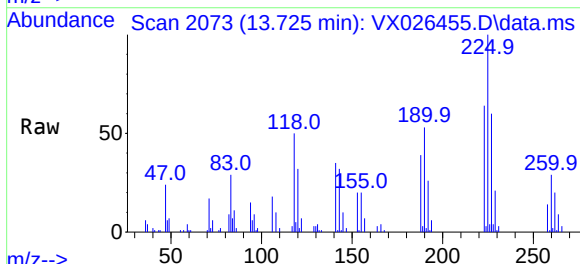
Tgt Ion:180 Resp: 28609
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.8
145 33.2 26.6 39.8

Manual Integrations
APPROVED

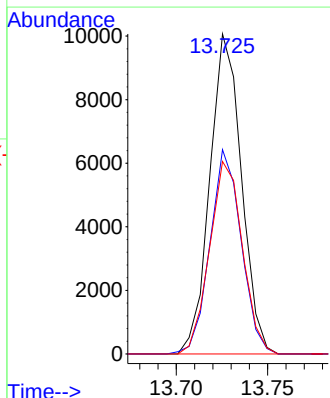
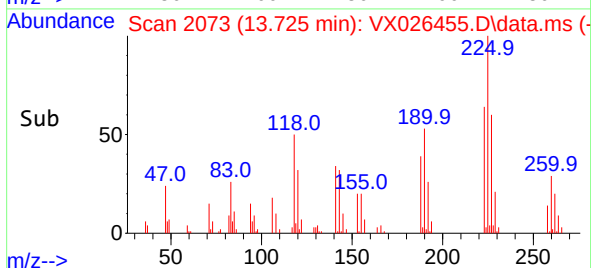
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

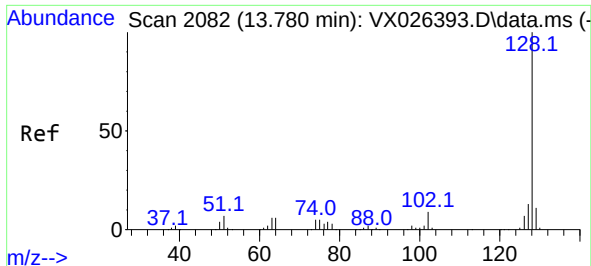


#90
Hexachlorobutadiene
Concen: 21.087 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion:225 Resp: 12127
Ion Ratio Lower Upper
225 100
223 63.0 0.0 121.6
227 62.5 0.0 122.8





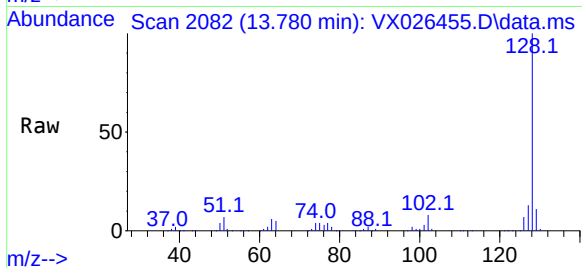
#91
Naphthalene
Concen: 21.890 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

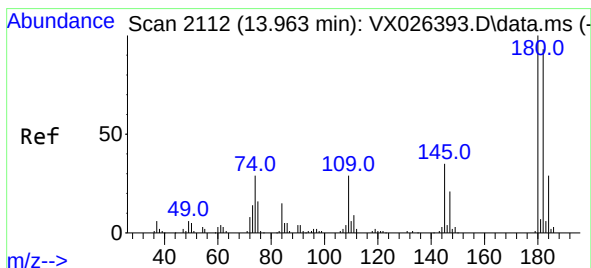
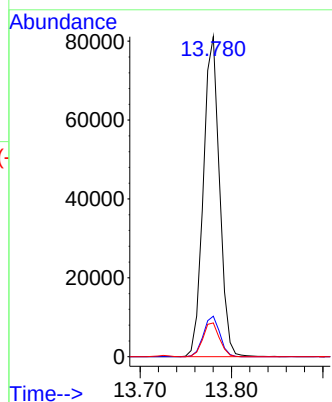


Tgt Ion:128 Resp: 99708
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.8 13.2

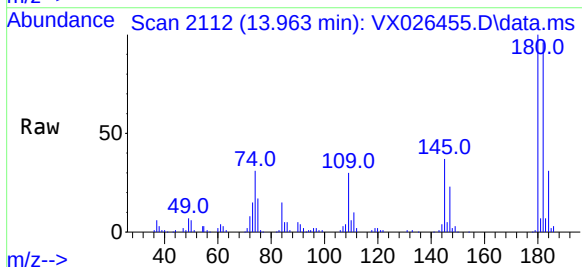
Manual Integrations

APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 21.760 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026455.D
Acq: 14 Jan 2022 15:03



Tgt Ion:180 Resp: 28518
Ion Ratio Lower Upper
180 100
182 95.1 0.0 187.4
145 35.2 0.0 70.2

