

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110421\
 Data File : VX025066.D
 Acq On : 03 Nov 2021 22:50
 Operator : JC/MD
 Sample : VX1104WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/04/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 03 23:58:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	19894	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	110251	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98826	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56322	29.664	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.867%		
60) 4-Bromofluorobenzene	11.085	95	54109	30.008	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.033%		
63) Toluene-d8	8.653	98	136213	29.843	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.467%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33496	21.988	ug/l	96
3) Chloromethane	1.288	50	16945	21.172	ug/l	95
4) Vinyl Chloride	1.374	62	18994	20.694	ug/l	92
5) Bromomethane	1.612	94	15293	20.295	ug/l	94
6) Chloroethane	1.691	64	11353	21.938	ug/l	94
7) Trichlorofluoromethane	1.892	101	47854	21.603	ug/l	98
8) Diethyl Ether	2.136	74	11690	22.269	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	24632	21.317	ug/l	96
10) 1,1-Dichloroethene	2.319	96	19975	20.387	ug/l	91
11) Methyl Iodide	2.459	142	24064	21.765	ug/l	92
12) Methyl Acetate	2.709	43	42840	20.810	ug/l	97
13) Acrolein	2.240	56	8713	92.923	ug/l	96
14) Acrylonitrile	3.069	53	63443	109.414	ug/l	95
15) Acetone	2.386	58	16402	92.580	ug/l	94
16) Carbon Disulfide	2.514	76	52222	20.880	ug/l	97
17) Allyl chloride	2.666	41	33666	21.540	ug/l	93
18) Methylene Chloride	2.794	84	24047	20.967	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	23172	21.513	ug/l	89
20) Diisopropyl ether	3.764	45	74830	22.131	ug/l	87
21) 1,1-Dichloroethane	3.617	63	47753	21.282	ug/l	96
22) cis-1,2-Dichloroethene	4.495	96	26612	20.821	ug/l	86
23) tert-Butyl Alcohol	2.989	59	36976m	104.862	ug/l	
24) Methyl tert-Butyl Ether	3.117	73	92290	22.285	ug/l #	91
25) Chloroform	5.099	83	55108	21.181	ug/l	99
26) Cyclohexane	5.477	56	38966	21.769	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	36673	20.686	ug/l	95
30) 2-Butanone	4.562	43	92652	103.619	ug/l	98
31) 2,2-Dichloropropane	4.483	77	44224	19.639	ug/l #	80
32) 1,1,1-Trichloroethane	5.385	97	53718	21.063	ug/l	94
33) Carbon Tetrachloride	5.690	117	46555	20.802	ug/l	94
34) Benzene	6.044	78	94622	20.926	ug/l	99
35) Methacrylonitrile	4.928	41	18266	20.714	ug/l	96
36) 1,2-Dichloroethane	6.092	62	44658	20.383	ug/l #	86
37) Trichloroethene	7.129	130	26581	21.033	ug/l	93
38) Methylcyclohexane	7.385	83	40655	21.355	ug/l	98
39) 1,2-Dichloropropane	7.434	63	25350	20.544	ug/l	92
40) Dibromomethane	7.586	93	20411	21.232	ug/l	88
41) Bromodichloromethane	7.824	83	42264	20.707	ug/l	98
42) Vinyl Acetate	3.727	43	279258	104.384	ug/l	98

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 ClientSampleId :
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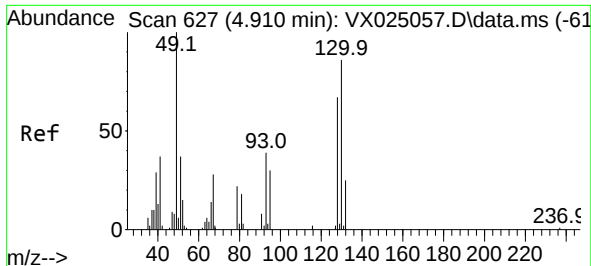
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	36578	21.342	ug/l	# 69
44) Isopropyl Acetate	6.342	43	56506	21.078	ug/l	96
45) 1,4-Dioxane	7.696	88	12139	426.417	ug/l	95
46) Methyl methacrylate	7.696	41	27097	20.675	ug/l	88
47) n-amyl Acetate	10.848	43	44388	20.532	ug/l	93
48) t-1,3-Dichloropropene	8.982	75	44931	20.436	ug/l	96
49) cis-1,3-Dichloropropene	8.373	75	43625	19.877	ug/l	# 85
50) 1,1,2-Trichloroethane	9.153	97	26804	20.592	ug/l	94
51) Ethyl methacrylate	9.116	69	43506	20.738	ug/l	82
52) 1,3-Dichloropropane	9.311	76	46801	21.041	ug/l	98
53) Dibromochloromethane	9.525	129	30988	20.852	ug/l	94
54) 1,2-Dibromoethane	9.610	107	28770	19.788	ug/l	97
55) 2-Chloroethyl vinyl ether	8.245	63	94298	101.008	ug/l	99
56) Bromoform	10.799	173	19913	20.182	ug/l	# 95
58) 4-Methyl-2-Pentanone	8.574	43	179025	107.460	ug/l	# 90
59) 2-Hexanone	9.433	43	138465	108.168	ug/l	92
61) Tetrachloroethene	9.275	164	25688	22.183	ug/l	95
62) Toluene	8.720	91	107348	21.235	ug/l	95
64) Chlorobenzene	10.086	112	63812	20.899	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	28817	21.127	ug/l	94
66) Ethyl Benzene	10.195	91	126358	21.140	ug/l	94
67) m/p-Xylenes	10.305	106	87917	42.775	ug/l	81
68) o-Xylene	10.647	106	43061	21.454	ug/l	80
69) Styrene	10.659	104	70824	20.772	ug/l	91
70) Isopropylbenzene	10.964	105	125693	21.554	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	40229	20.898	ug/l	96
72) 1,2,3-Trichloropropane	11.244	75	40012m	21.460	ug/l	
73) Bromobenzene	11.201	156	28621	21.964	ug/l	87
74) n-propylbenzene	11.305	91	145892	21.095	ug/l	96
75) 2-Chlorotoluene	11.366	91	89960	20.756	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	108150	21.265	ug/l	90
77) t-1,4-Dichloro-2-butene	11.025	75	13154	20.954	ug/l	87
78) 4-Chlorotoluene	11.457	91	103963	21.017	ug/l	92
79) tert-butylbenzene	11.720	119	101809	21.247	ug/l	94
80) 1,2,4-Trimethylbenzene	11.756	105	107816	21.558	ug/l	92
81) sec-Butylbenzene	11.896	105	129632	21.745	ug/l	97
82) p-Isopropyltoluene	12.012	119	106699	21.579	ug/l	96
83) 1,3-Dichlorobenzene	11.969	146	51912	21.424	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	49892	20.676	ug/l	94
85) n-Butylbenzene	12.335	91	94518	20.959	ug/l	97
86) Hexachloroethane	12.543	117	17242	19.559	ug/l	89
87) 1,2-Dichlorobenzene	12.335	146	52435	21.978	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.945	75	11087	21.057	ug/l	# 82
89) 1,2,4-Trichlorobenzene	13.591	180	31052	21.486	ug/l	97
90) Hexachlorobutadiene	13.725	225	14661	20.078	ug/l	94
91) Naphthalene	13.780	128	101040	20.457	ug/l	97
92) 1,2,3-Trichlorobenzene	13.963	180	30683	20.815	ug/l	97

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



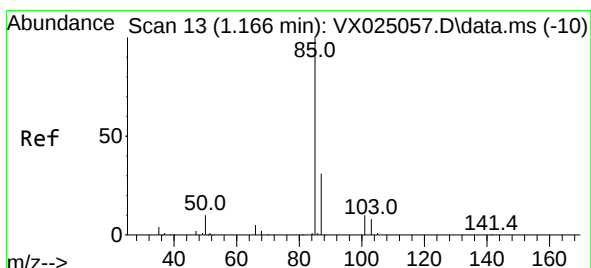
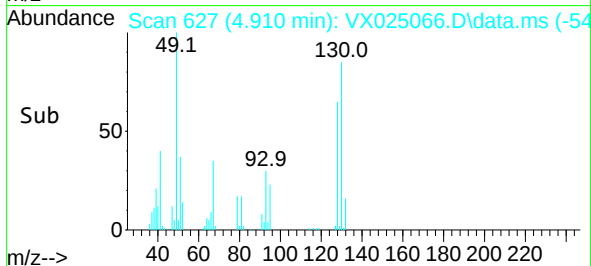
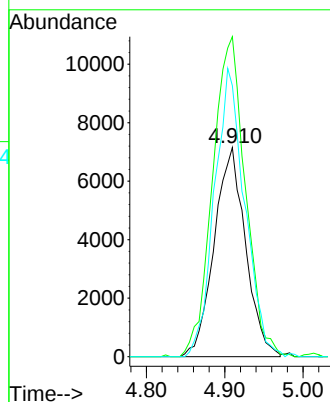
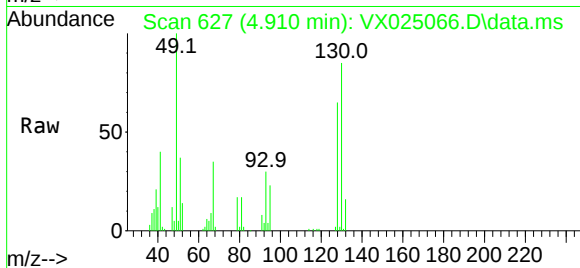
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:128 Resp: 19894
Ion Ratio Lower Upper
128 100
49 159.6 0.0 402.5
130 133.4 0.0 326.5

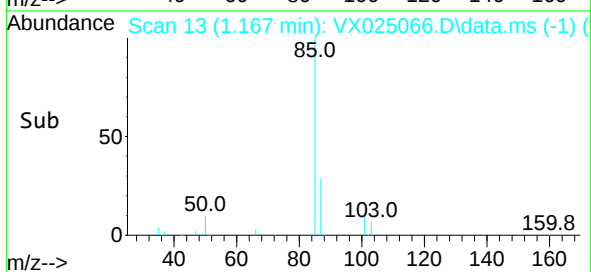
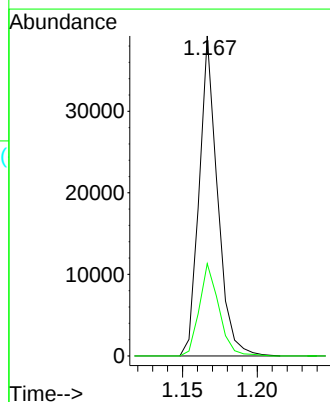
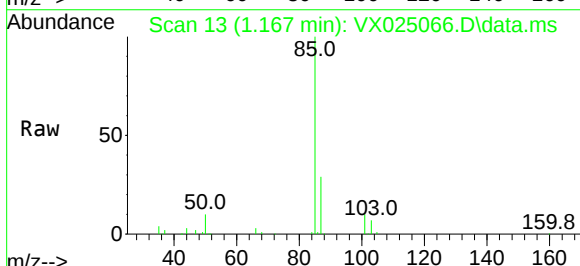
Manual Integrations
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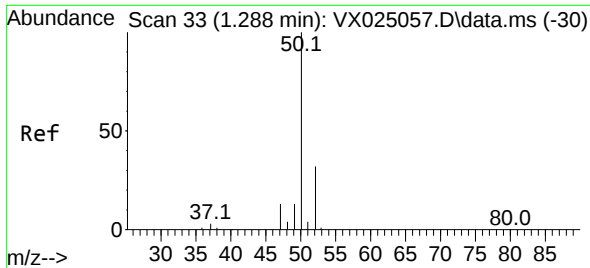
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 21.988 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

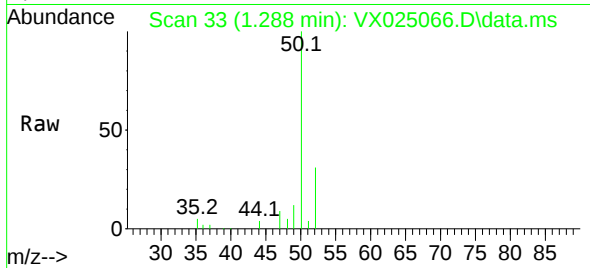
Tgt Ion: 85 Resp: 33496
Ion Ratio Lower Upper
85 100
87 28.9 15.6 46.8





#3
Chloromethane
Concen: 21.172 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

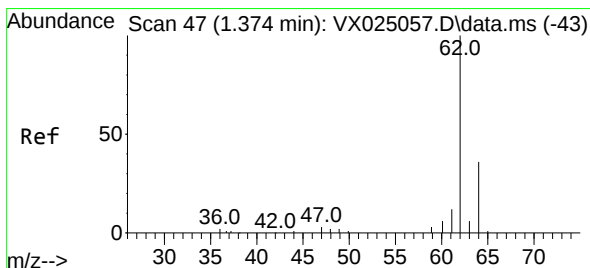
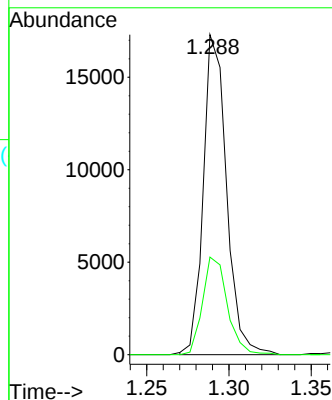
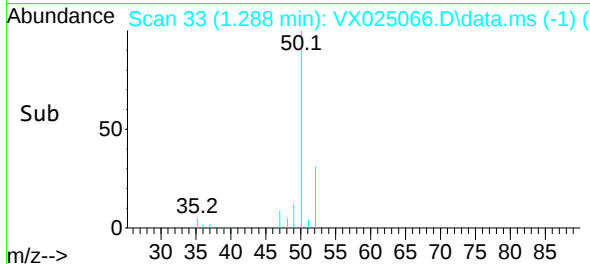
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 50 Resp: 1694
Ion Ratio Lower Upper
50 100
52 30.5 26.9 40.3

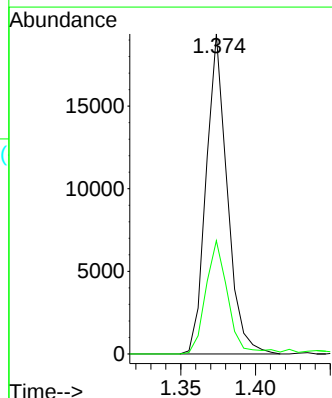
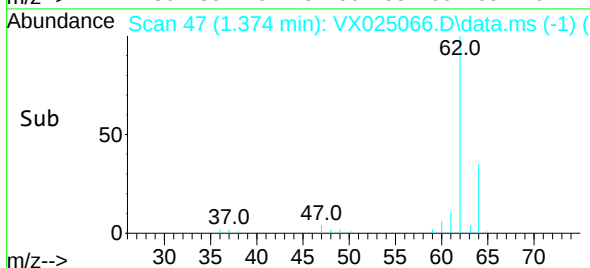
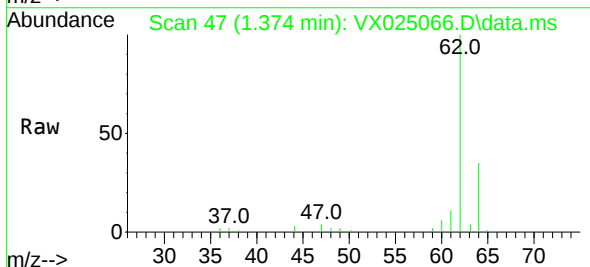
Manual Integrations
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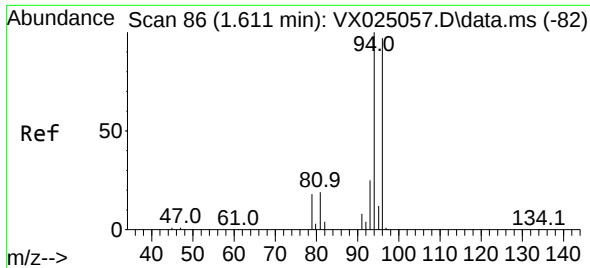
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Vinyl Chloride
Concen: 20.694 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

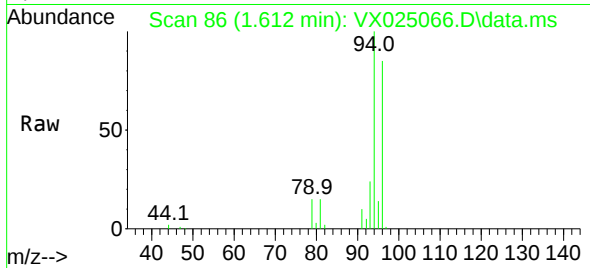
Tgt Ion: 62 Resp: 18994
Ion Ratio Lower Upper
62 100
64 35.4 25.0 37.4





#5
Bromomethane
Concen: 20.295 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

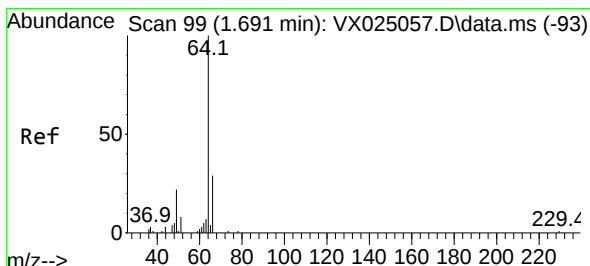
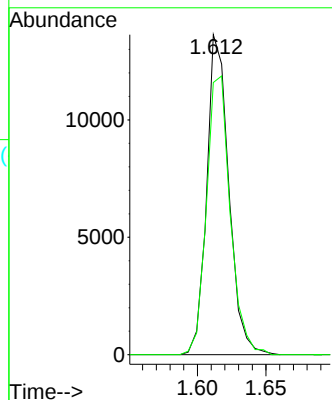
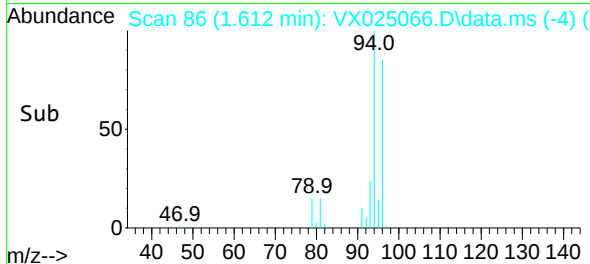
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



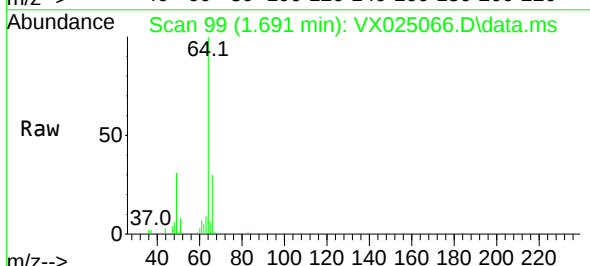
Tgt Ion: 94 Resp: 1529
Ion Ratio Lower Upper
94 100
96 85.1 72.8 109.2

Manual Integrations
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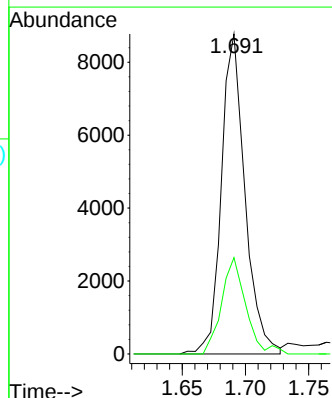
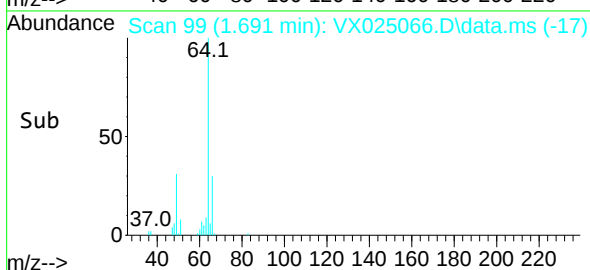
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Supervised By :Mahesh Dadoda 11/10/2021

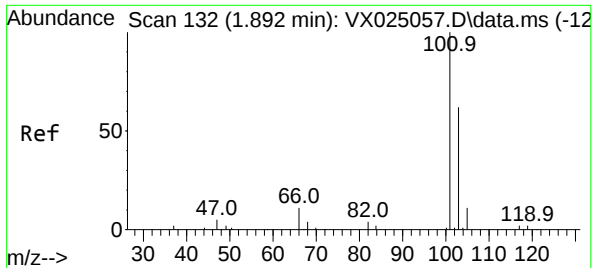


#6
Chloroethane
Concen: 21.938 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



Tgt Ion: 64 Resp: 11353
Ion Ratio Lower Upper
64 100
66 30.1 26.8 40.2





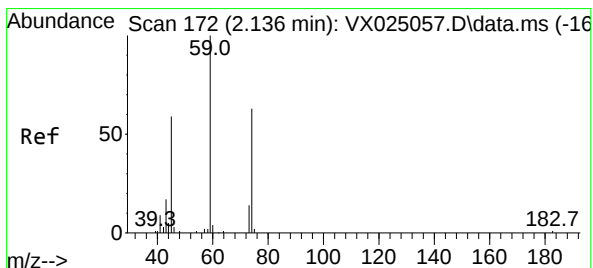
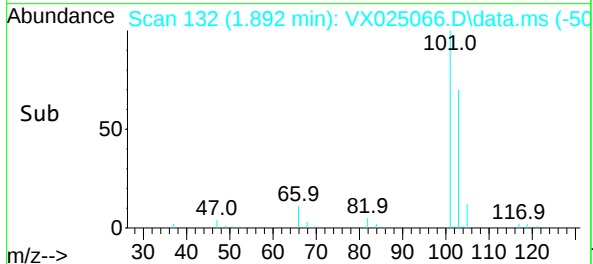
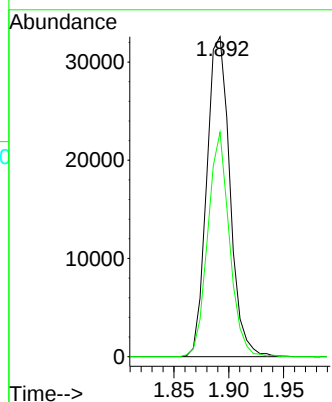
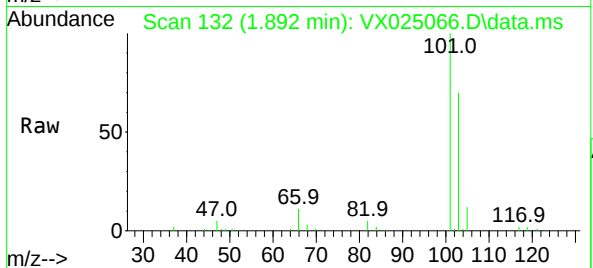
#7
 Trichlorofluoromethane
 Concen: 21.603 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50

Instrument :
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Tgt Ion:101 Resp: 47854
 Ion Ratio Lower Upper
 101 100
 103 70.1 55.0 82.6

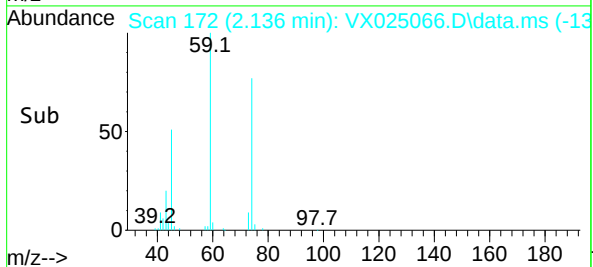
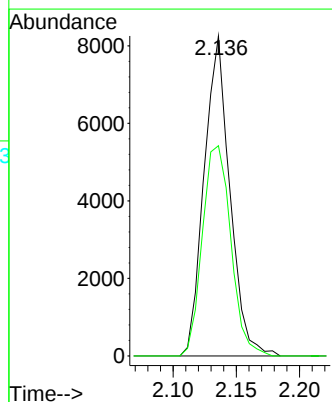
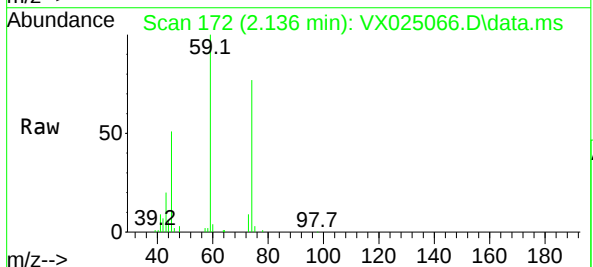
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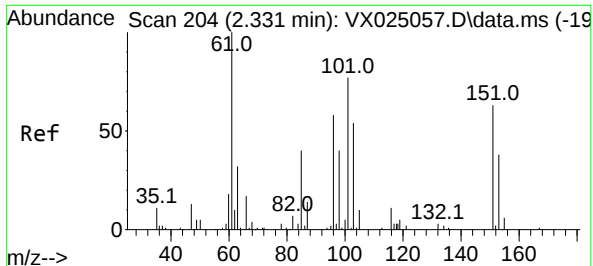
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#8
 Diethyl Ether
 Concen: 22.269 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50

Tgt Ion: 74 Resp: 11690
 Ion Ratio Lower Upper
 74 100
 45 72.8 19.9 179.1





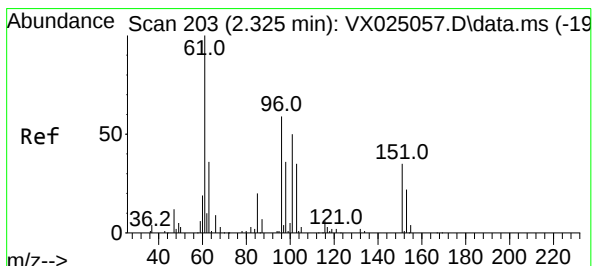
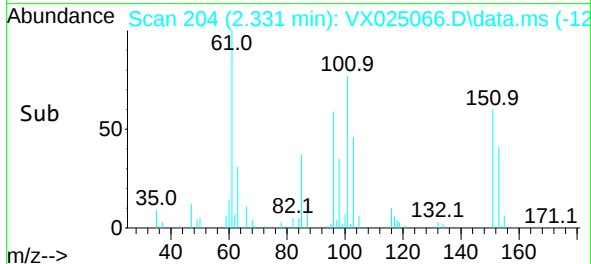
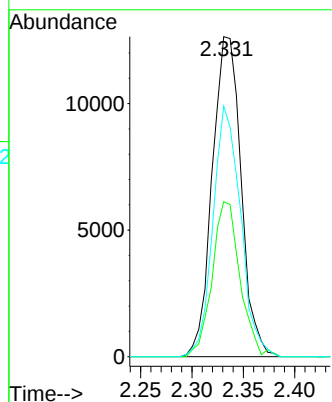
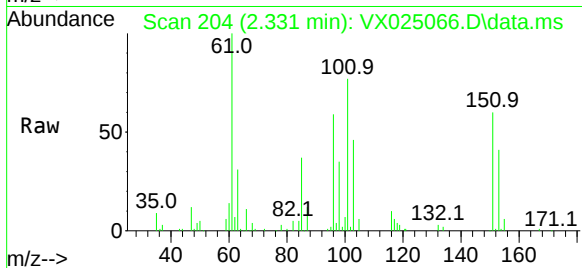
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1,1,2-Trichlorotrifluoroethane
Concen: 21.317 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:101 Resp: 2463
Ion Ratio Lower Upper
101 100
85 46.2 0.0 91.4
151 74.9 0.0 160.0

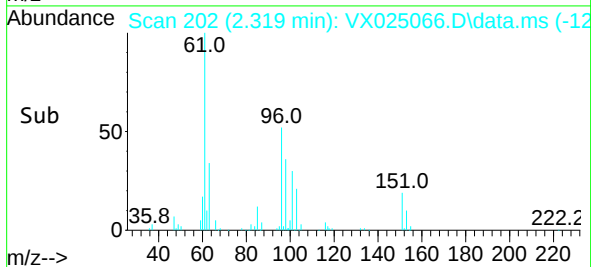
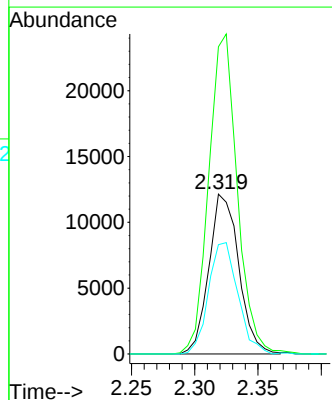
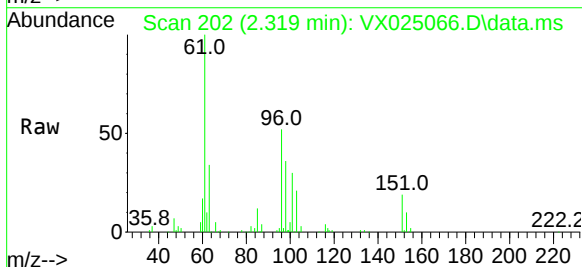
Manual Integrations
APPROVED

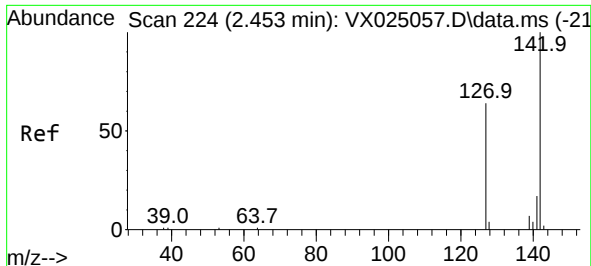
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
1,1-Dichloroethene
Concen: 20.387 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

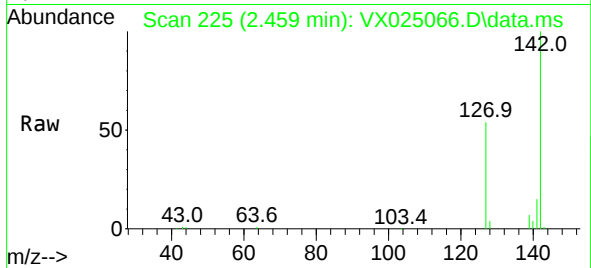
Tgt Ion: 96 Resp: 19975
Ion Ratio Lower Upper
96 100
61 191.5 140.3 210.5
98 68.4 52.8 79.2





#11
Methyl Iodide
Concen: 21.765 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

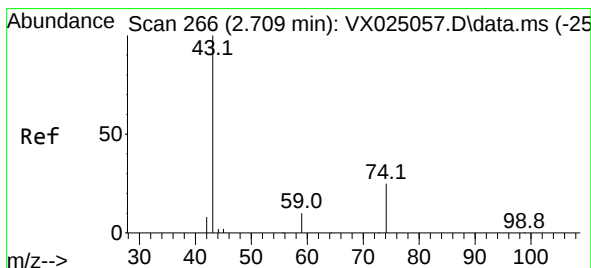
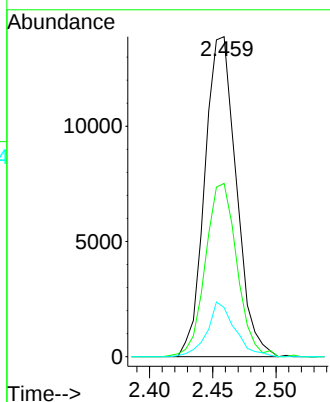
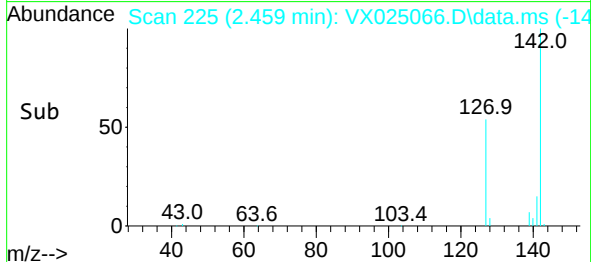
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion:142 Resp: 24064
Ion Ratio Lower Upper
142 100
127 53.7 23.6 71.0
141 15.2 7.1 21.3

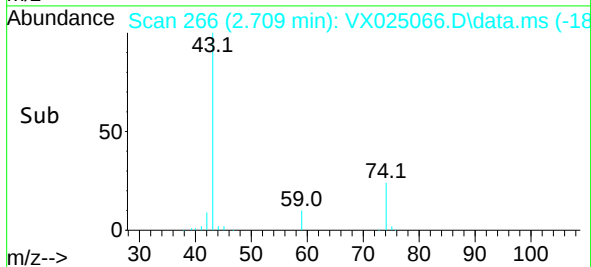
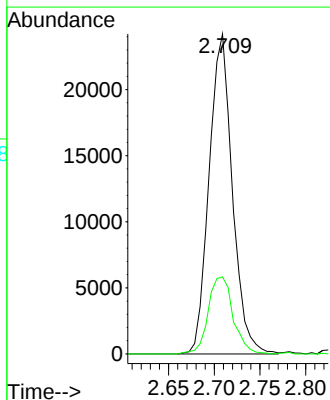
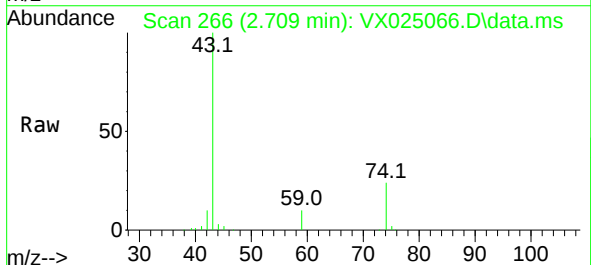
Manual Integrations
APPROVED

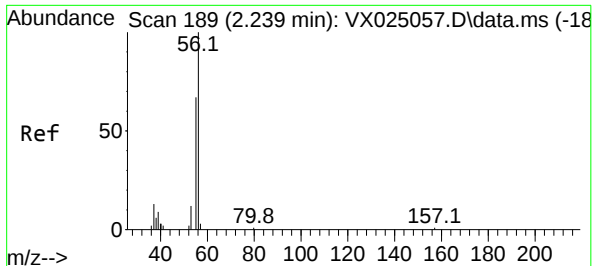
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
Methyl Acetate
Concen: 20.810 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

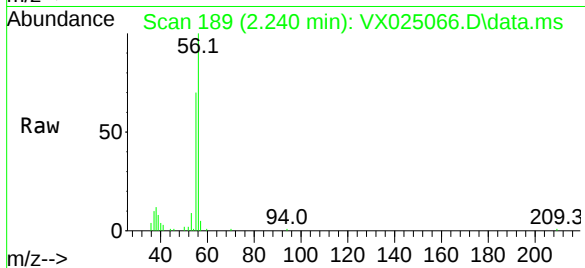
Tgt Ion: 43 Resp: 42840
Ion Ratio Lower Upper
43 100
74 24.0 18.2 27.2





#13
Acrolein
Concen: 92.923 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

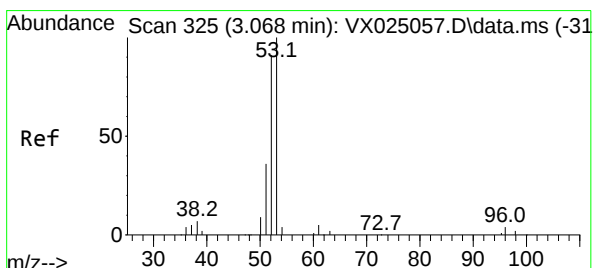
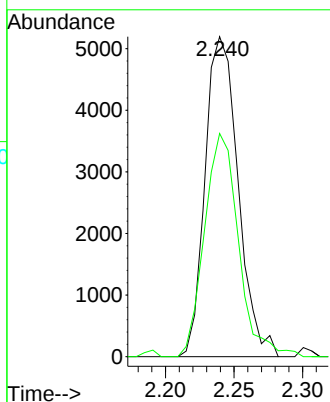
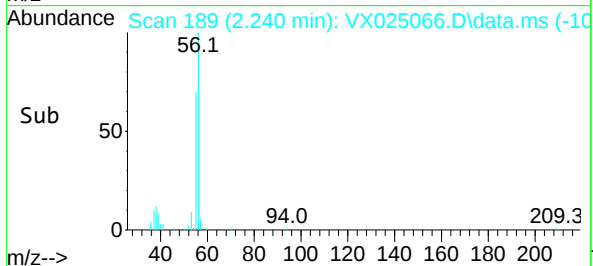
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



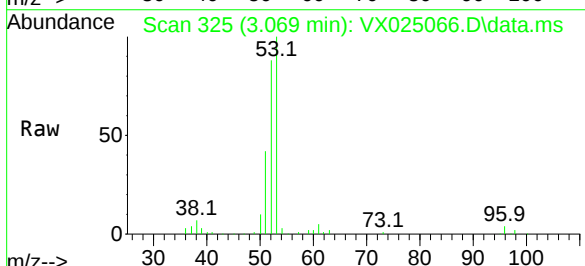
Tgt Ion: 56 Resp: 871
Ion Ratio Lower Upper
56 100
55 71.0 59.5 89.3

Manual Integrations
APPROVED

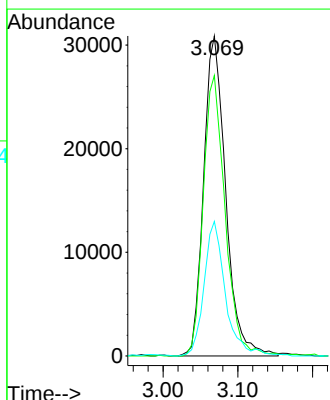
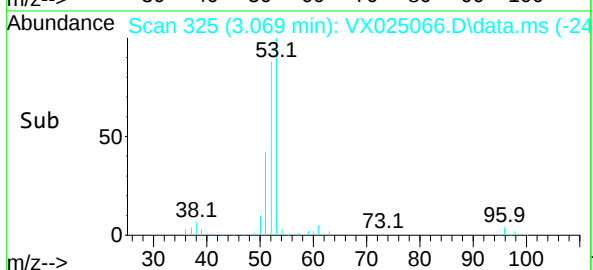
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

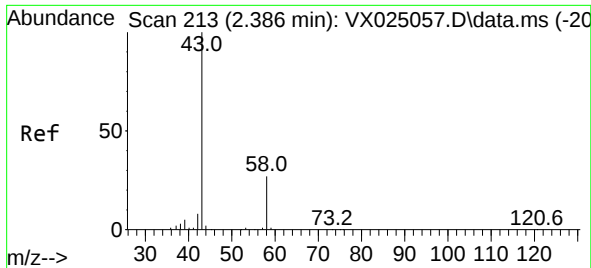


#14
Acrylonitrile
Concen: 109.414 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



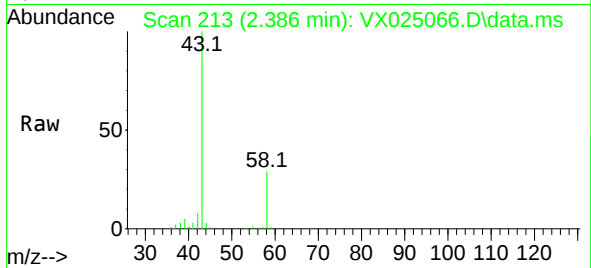
Tgt Ion: 53 Resp: 63443
Ion Ratio Lower Upper
53 100
52 85.4 40.4 121.2
51 39.6 18.1 54.1





#15
Acetone
Concen: 92.580 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

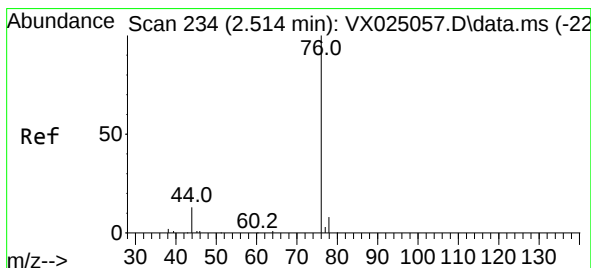
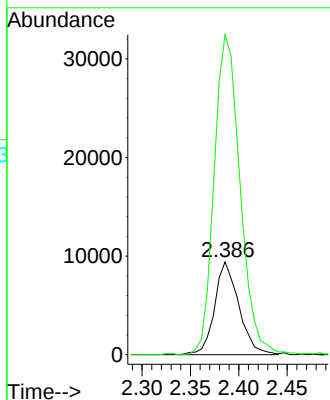
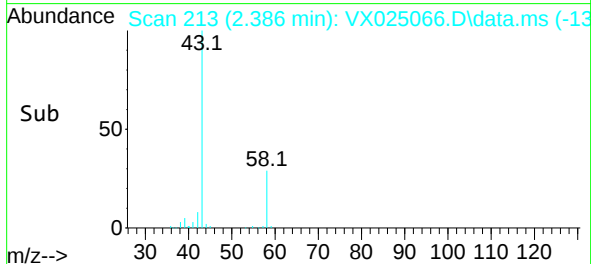
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



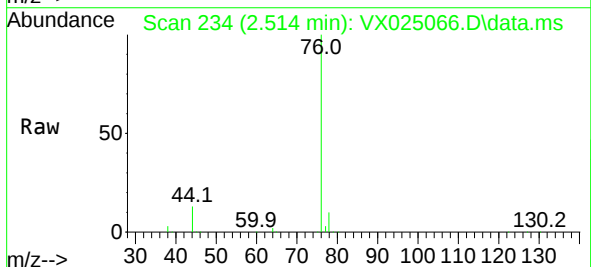
Tgt Ion: 58 Resp: 1640
Ion Ratio Lower Upper
58 100
43 344.9 266.6 400.0

Manual Integrations
APPROVED

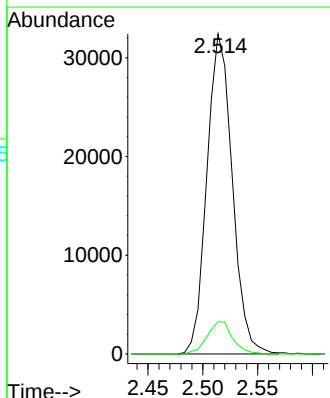
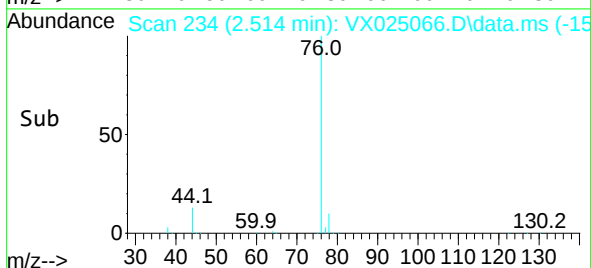
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

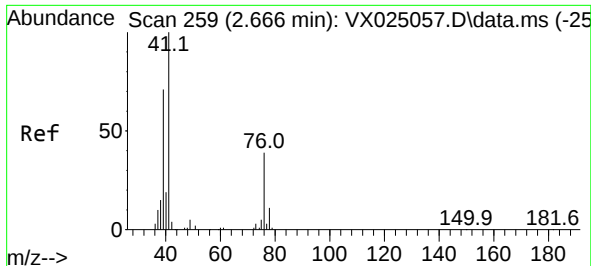


#16
Carbon Disulfide
Concen: 20.880 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



Tgt Ion: 76 Resp: 52222
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9





#17

Allyl chloride

Concen: 21.540 ug/l

RT: 2.666 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025066.D

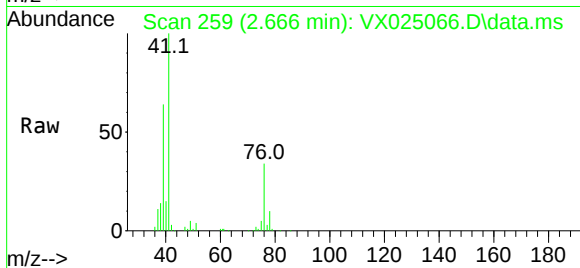
Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

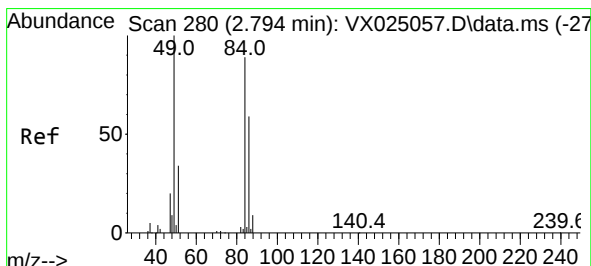
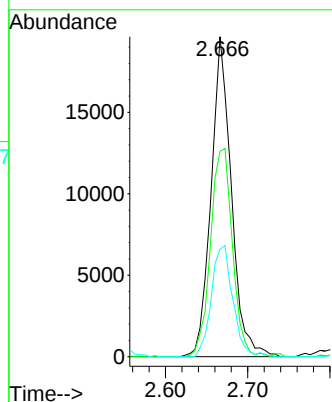
VX1104WBS01



Tgt Ion:	41	Resp:	3366
Ion Ratio	Lower	Upper	
41	100		
39	64.2	36.4	109.3
76	33.7	16.6	49.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18

Methylene Chloride

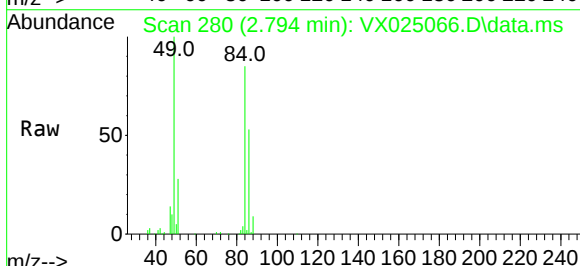
Concen: 20.967 ug/l

RT: 2.794 min Scan# 280

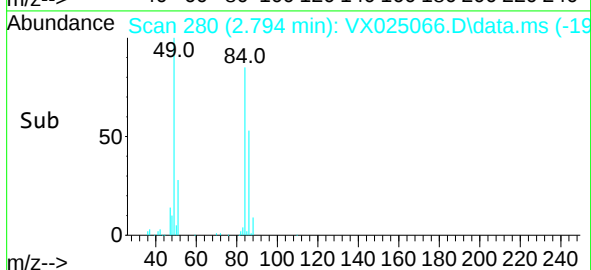
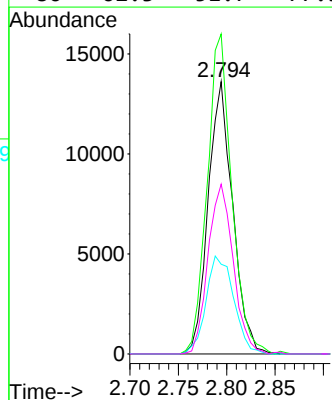
Delta R.T. 0.000 min

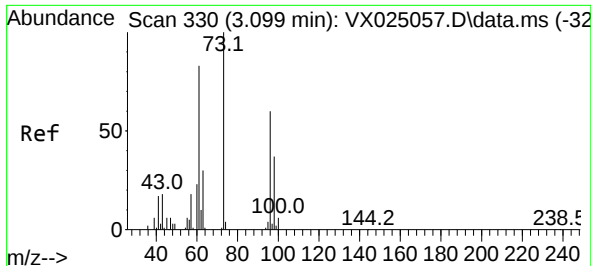
Lab File: VX025066.D

Acq: 03 Nov 2021 22:50



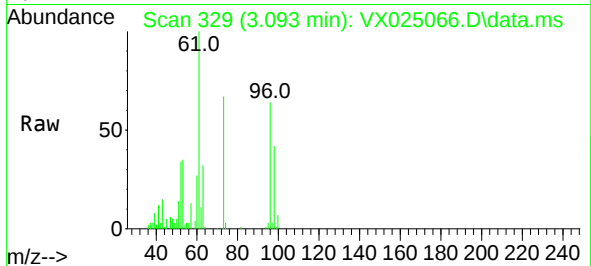
Tgt Ion:	84	Resp:	24047
Ion Ratio	Lower	Upper	
84	100		
49	117.5	104.3	156.5
51	33.0	30.3	45.5
86	62.3	51.7	77.5





#19
trans-1,2-Dichloroethene
Concen: 21.513 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

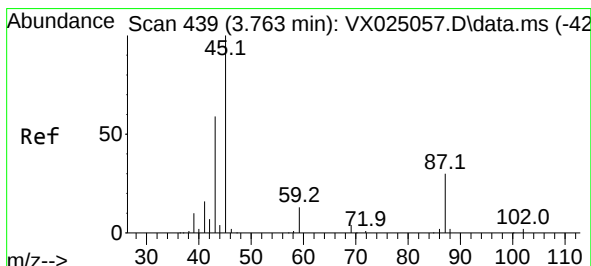
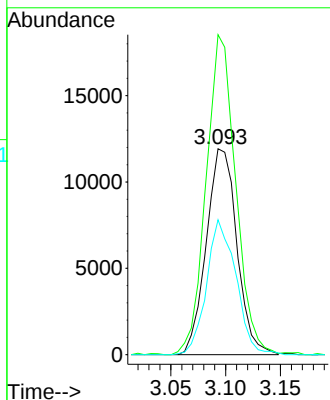
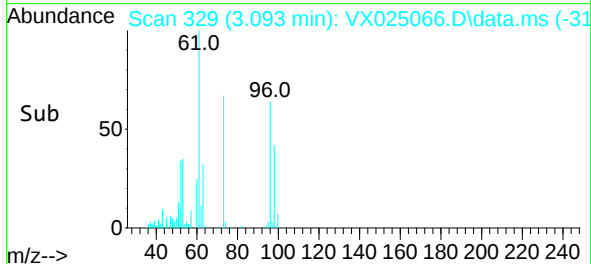
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 96 Resp: 23172
Ion Ratio Lower Upper
96 100
61 154.7 109.2 163.8
98 65.0 50.8 76.2

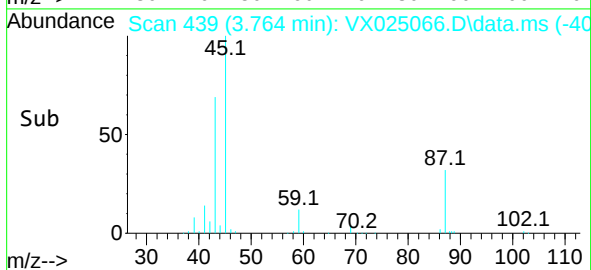
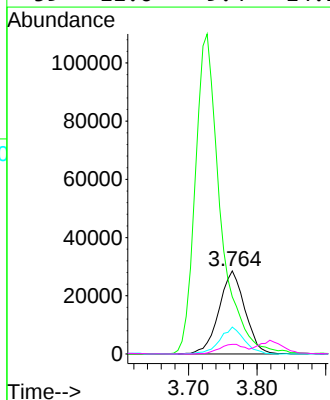
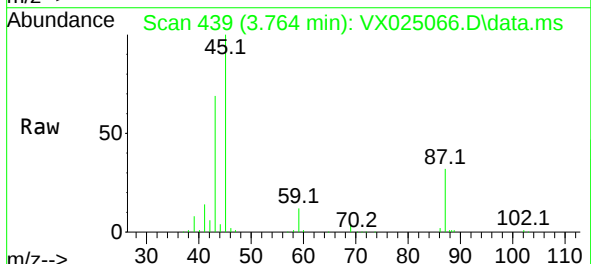
Manual Integrations
APPROVED

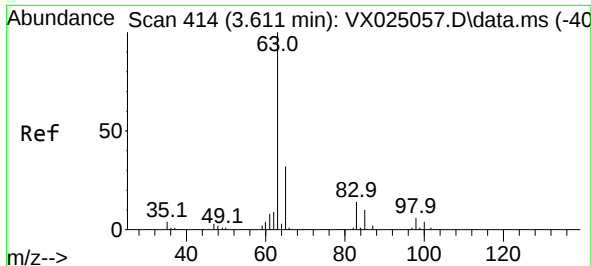
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Diisopropyl ether
Concen: 22.131 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 45 Resp: 74830
Ion Ratio Lower Upper
45 100
43 65.0 63.8 95.6
87 32.3 21.8 32.6
59 11.6 9.4 14.2





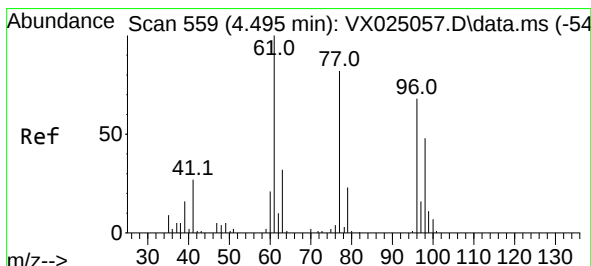
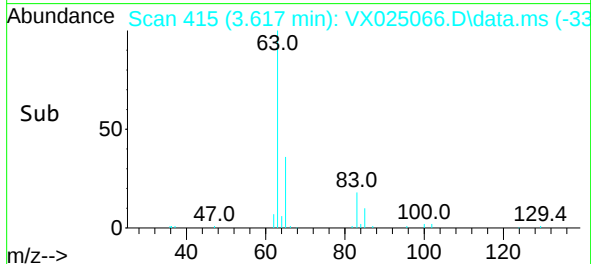
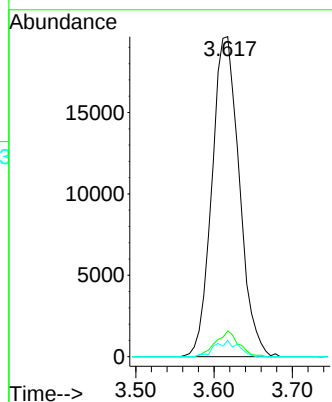
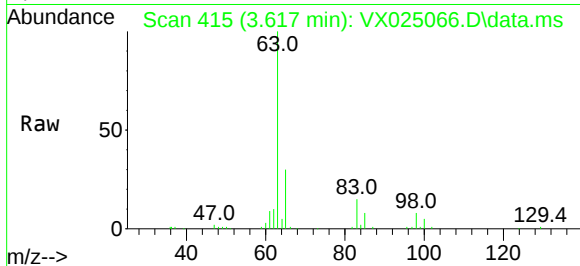
#21
1,1-Dichloroethane
Concen: 21.282 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 63 Resp: 4775
Ion Ratio Lower Upper
63 100
98 8.0 3.4 10.1
100 5.1 2.1 6.2

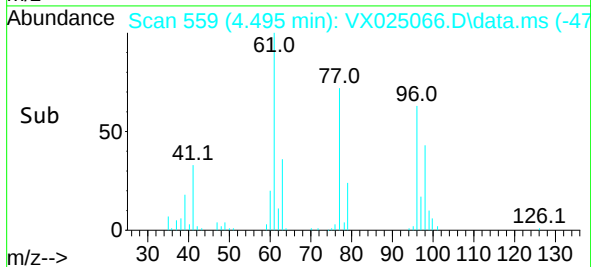
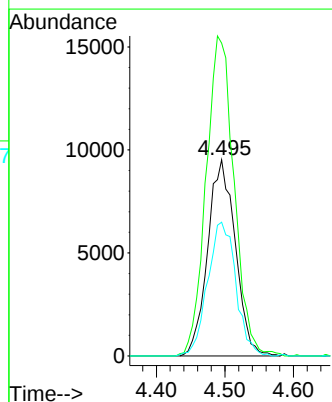
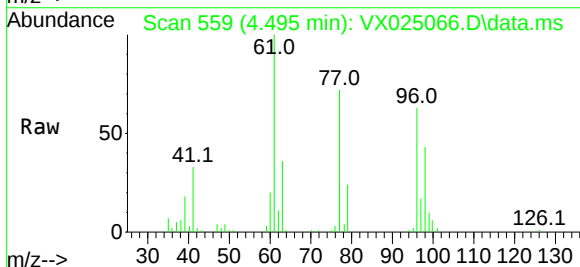
Manual Integrations
APPROVED

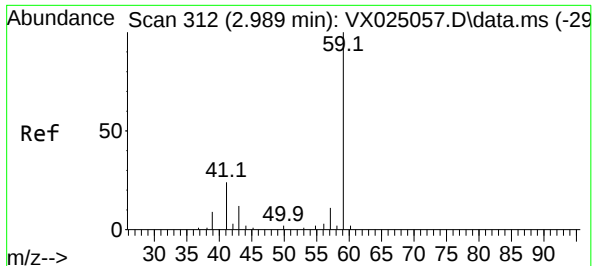
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#22
cis-1,2-Dichloroethene
Concen: 20.821 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

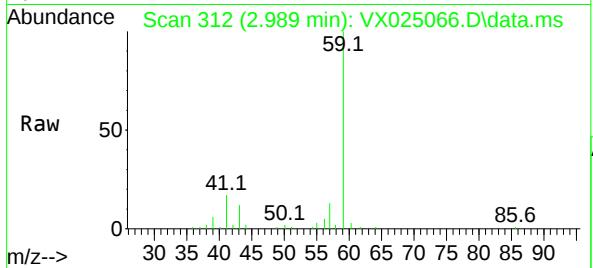
Tgt Ion: 96 Resp: 26612
Ion Ratio Lower Upper
96 100
61 164.7 114.5 171.7
98 69.9 51.3 76.9





#23
tert-Butyl Alcohol
Concen: 104.862 ug/l m
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

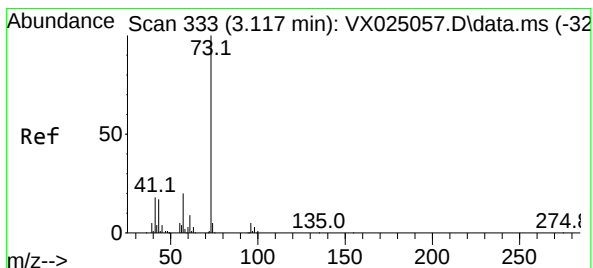
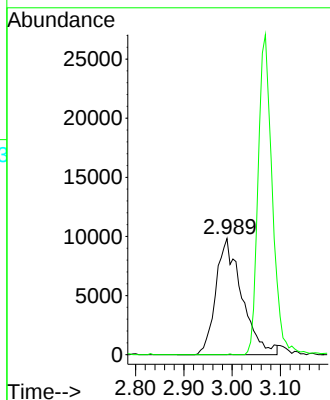
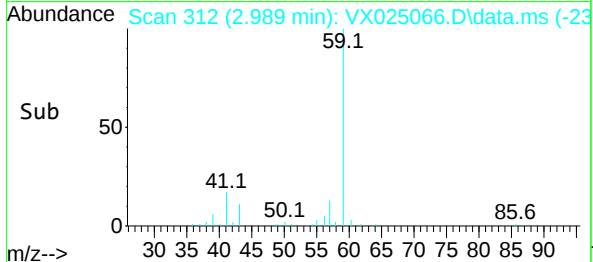
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 59 Resp: 36970
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

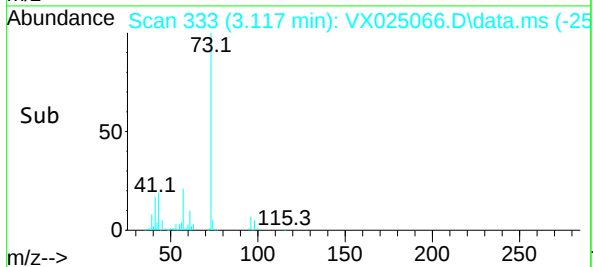
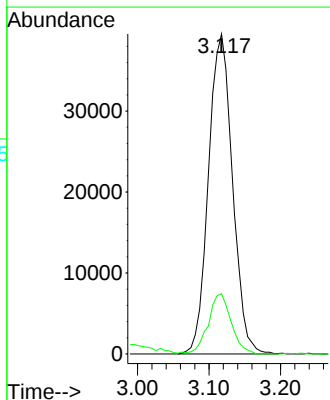
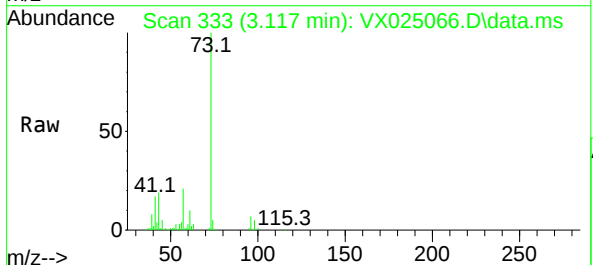
Manual Integrations
APPROVED

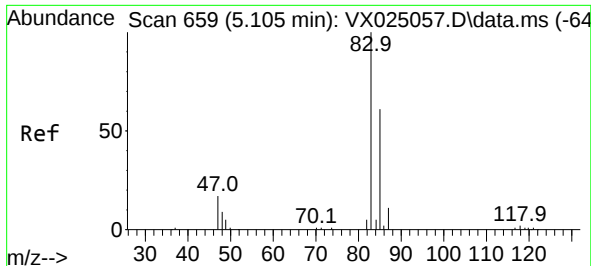
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#24
Methyl tert-Butyl Ether
Concen: 22.285 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 73 Resp: 92290
Ion Ratio Lower Upper
73 100
43 17.9 17.9 26.9





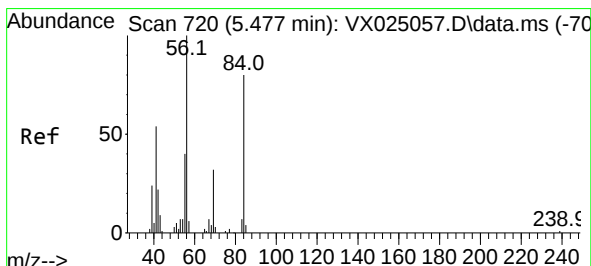
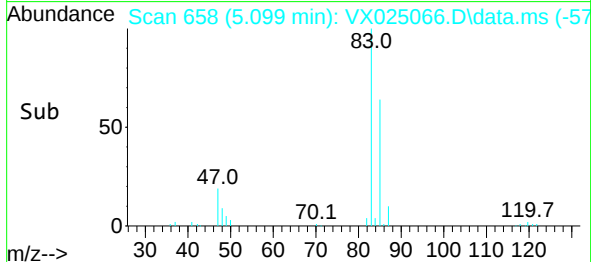
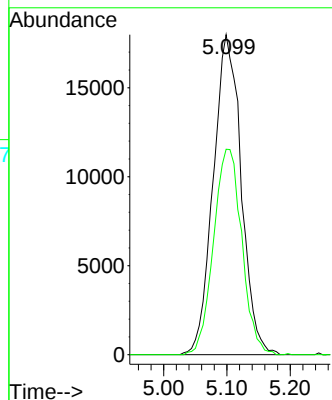
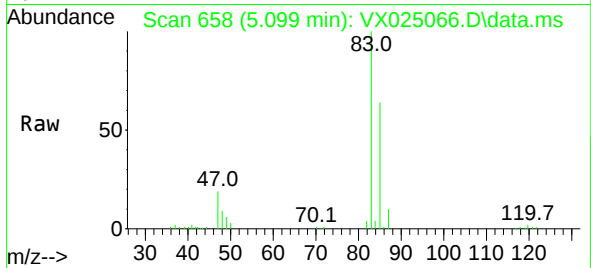
#25
Chloroform
Concen: 21.181 ug/l
RT: 5.099 min Scan# 659
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 83 Resp: 55108
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8

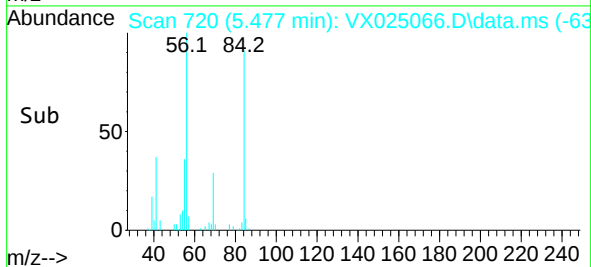
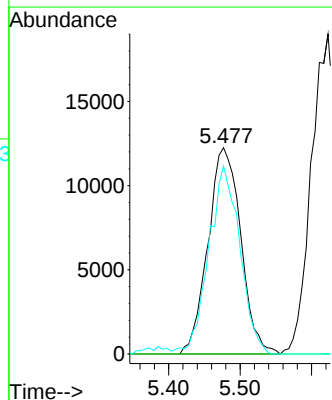
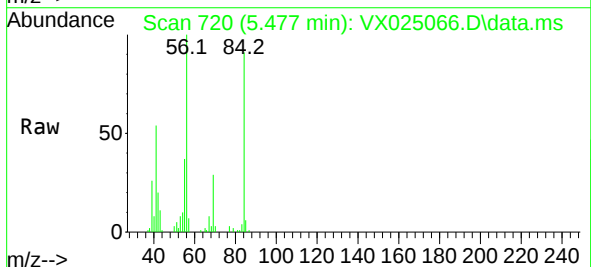
Manual Integrations
APPROVED

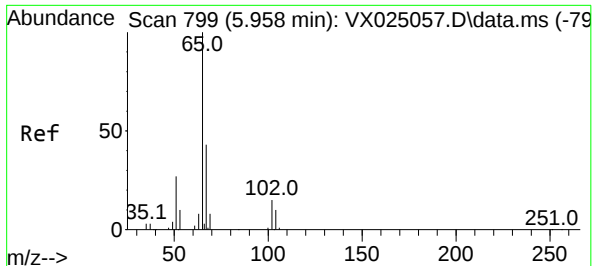
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#26
Cyclohexane
Concen: 21.769 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 56 Resp: 38966
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.9 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.664 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 65 Resp: 5632

Ion Ratio Lower Upper

65 100

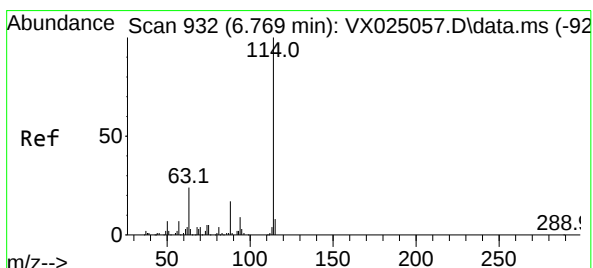
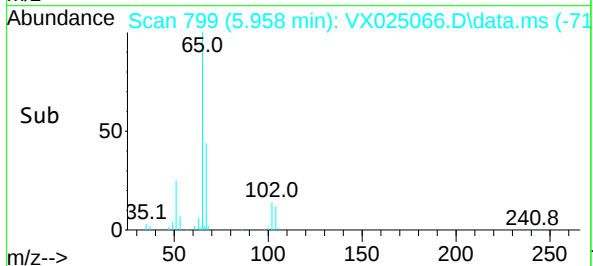
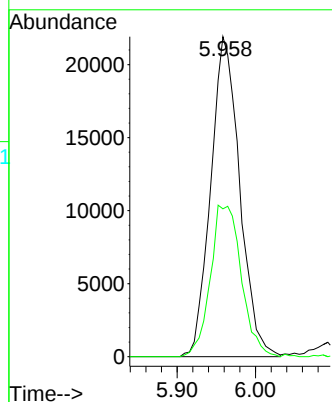
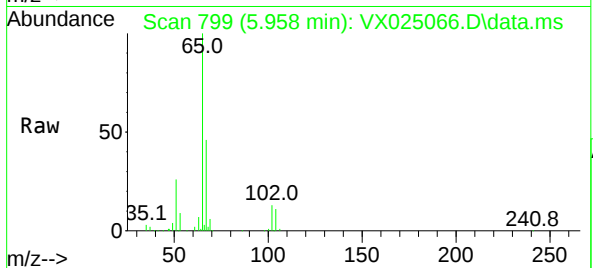
67 50.4 42.4 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

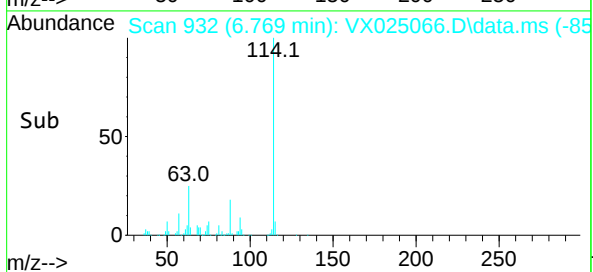
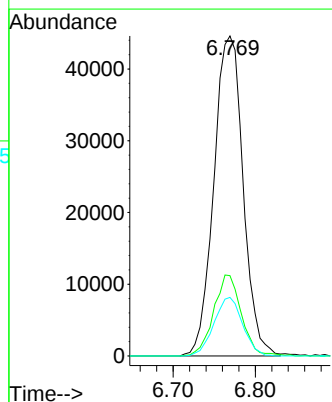
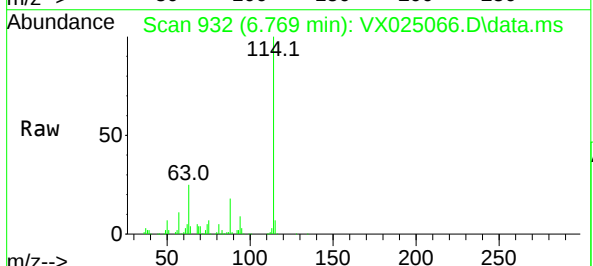
Tgt Ion:114 Resp: 110251

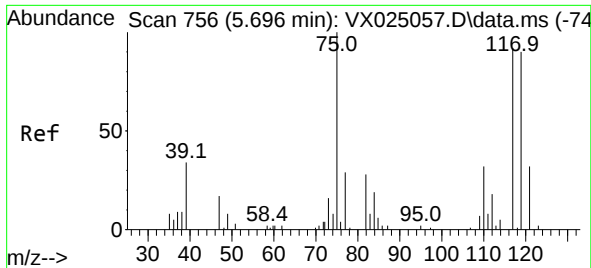
Ion Ratio Lower Upper

114 100

63 23.9 16.4 24.6

88 17.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.686 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

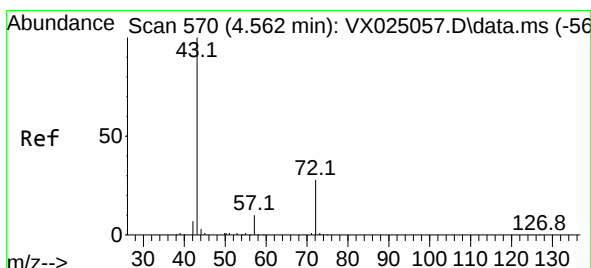
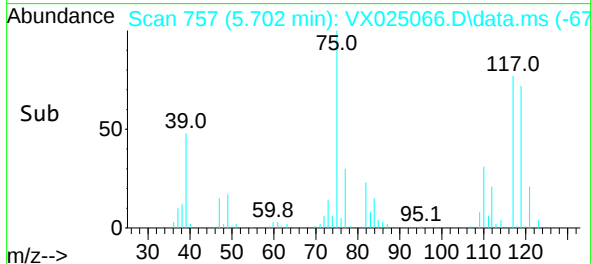
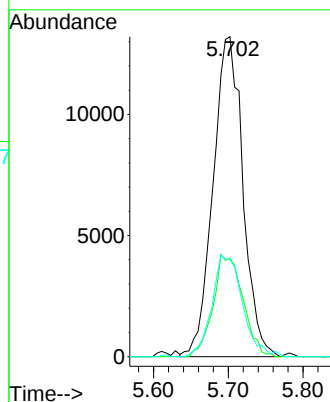
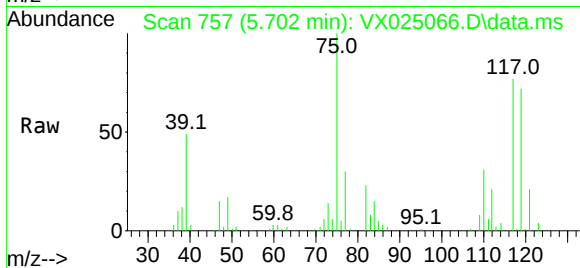
Tgt Ion: 75	Resp: 3667
Ion Ratio	Lower Upper
75 100	
110 31.7	0.0 72.0
77 32.1	0.0 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

2-Butanone

Concen: 103.619 ug/l

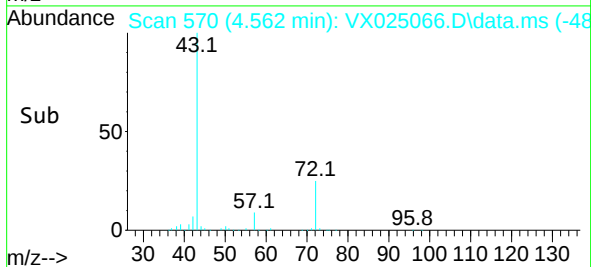
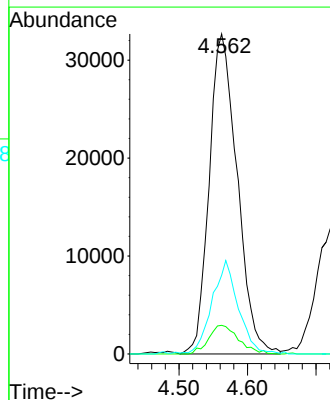
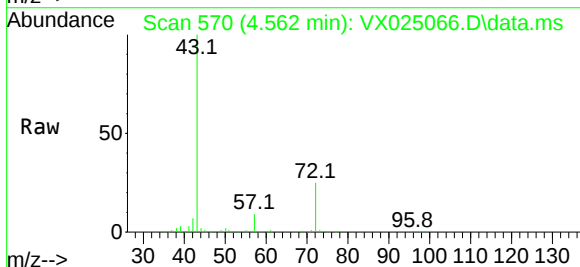
RT: 4.562 min Scan# 570

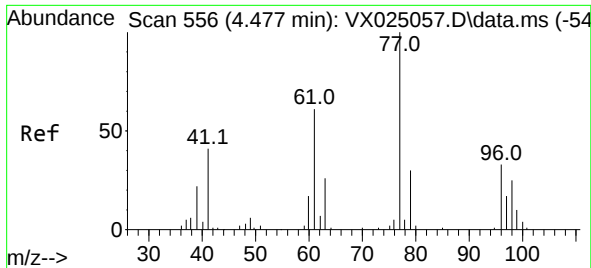
Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Tgt Ion: 43	Resp: 92652
Ion Ratio	Lower Upper
43 100	
57 9.4	6.6 9.8
72 27.3	21.0 31.4





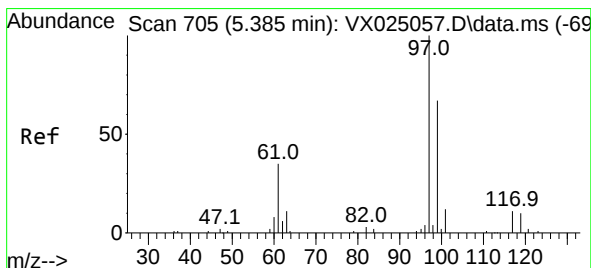
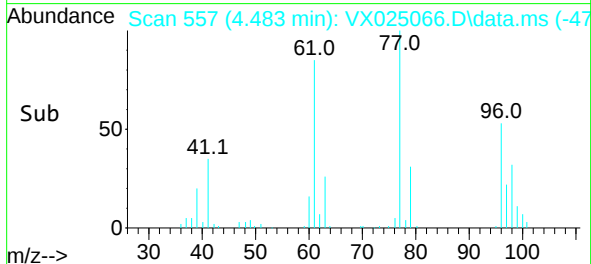
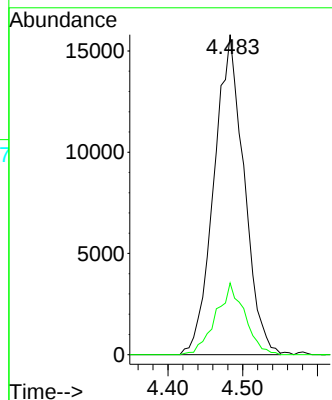
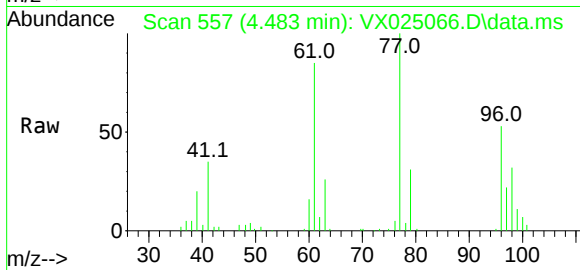
#31
2,2-Dichloropropane
Concen: 19.639 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 77 Resp: 44224
Ion Ratio Lower Upper
77 100
97 14.6 19.8 29.8

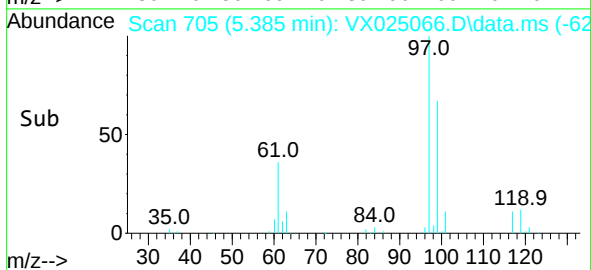
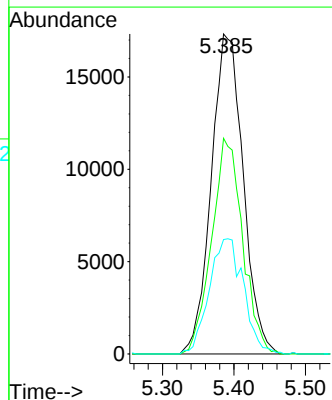
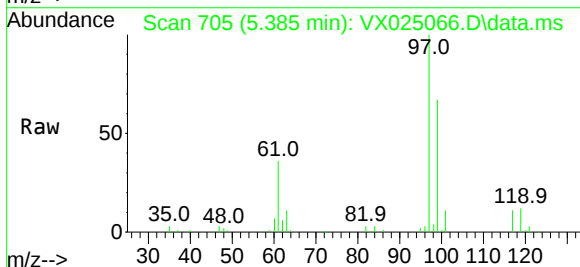
Manual Integrations
APPROVED

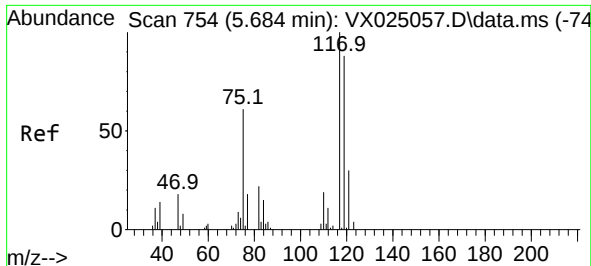
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 21.063 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

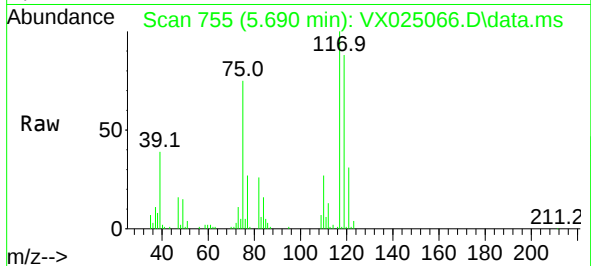
Tgt Ion: 97 Resp: 53718
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 38.7 36.4 54.6





#33
Carbon Tetrachloride
Concen: 20.802 ug/l
RT: 5.690 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

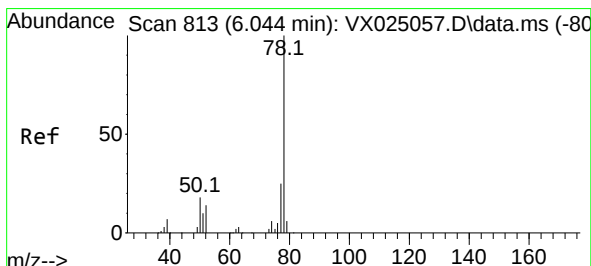
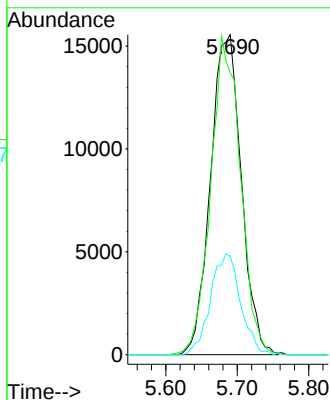
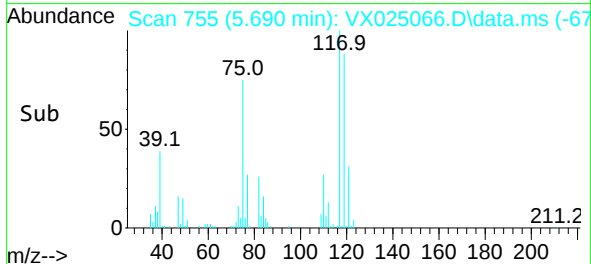
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion:117 Resp: 4655
Ion Ratio Lower Upper
117 100
119 87.6 75.4 113.2
121 30.8 24.1 36.1

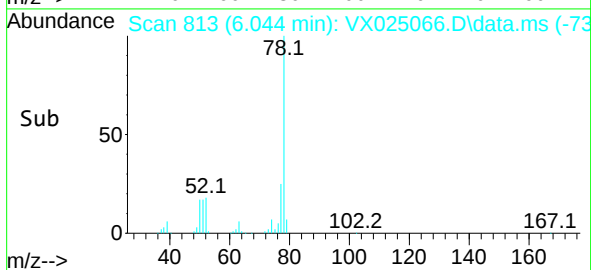
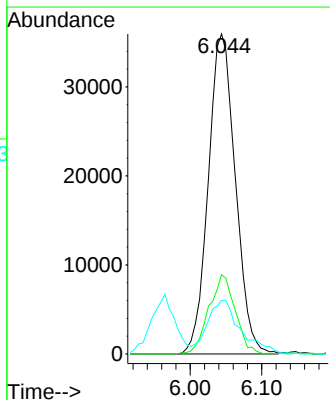
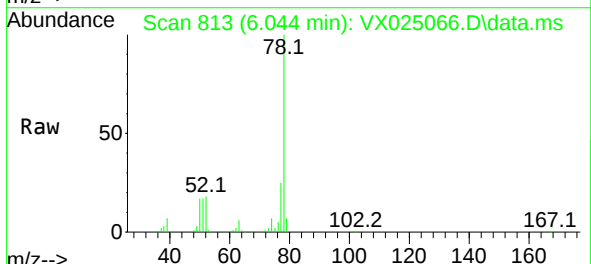
Manual Integrations
APPROVED

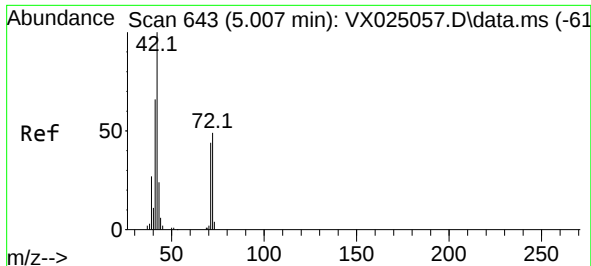
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
Benzene
Concen: 20.926 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

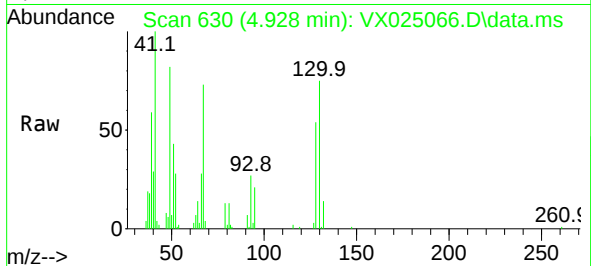
Tgt Ion: 78 Resp: 94622
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9
51 16.1 12.2 18.4





#35
Methacrylonitrile
Concen: 20.714 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.079 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

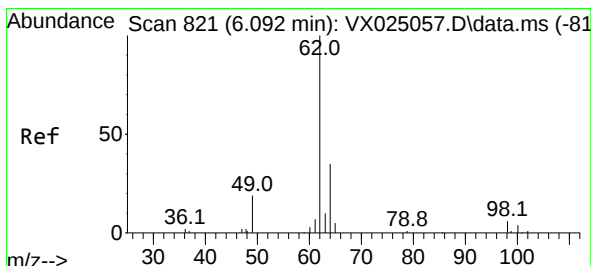
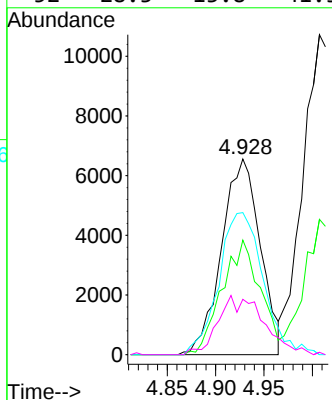
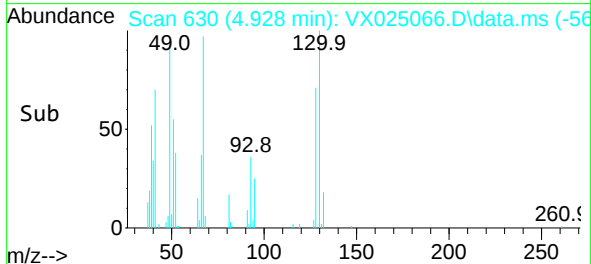
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 41 Resp: 1826
Ion Ratio Lower Upper
41 100
39 58.5 27.4 82.2
67 72.6 34.6 103.9
52 28.3 13.8 41.3

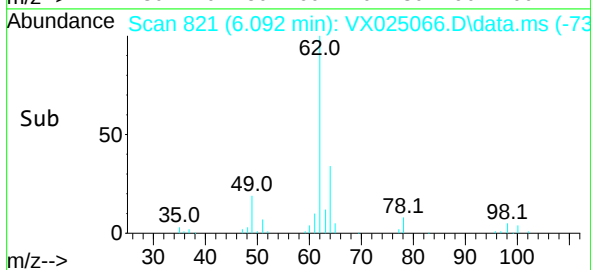
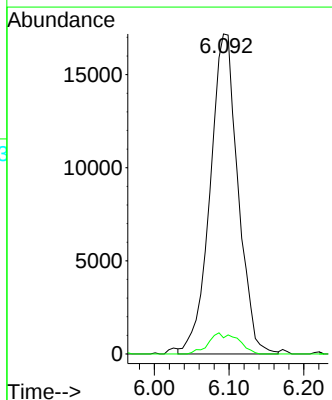
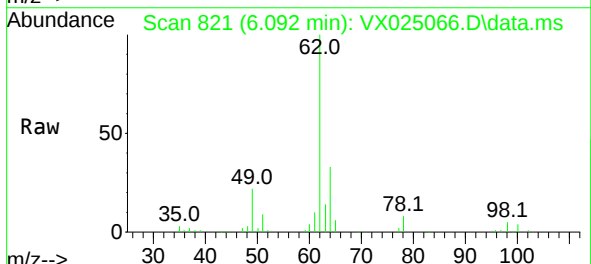
Manual Integrations
APPROVED

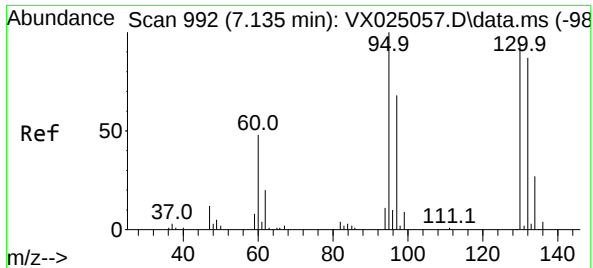
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#36
1,2-Dichloroethane
Concen: 20.383 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 62 Resp: 44658
Ion Ratio Lower Upper
62 100
98 3.7 7.0 10.4#





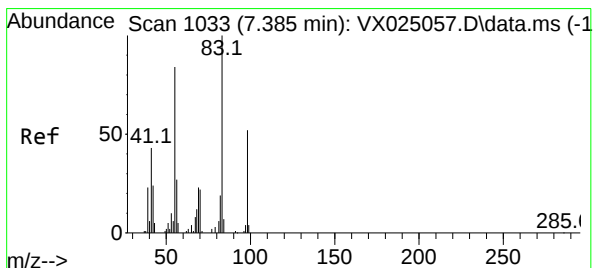
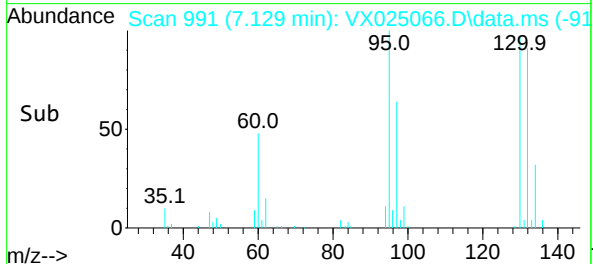
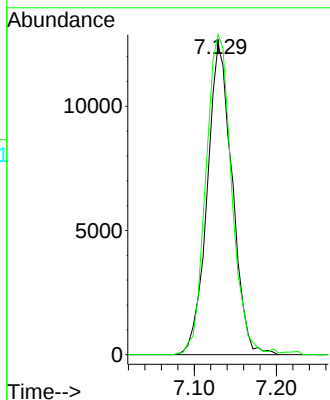
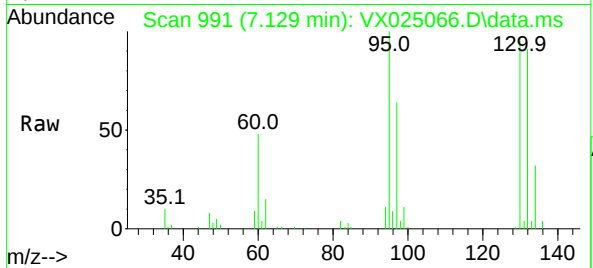
#37
Trichloroethene
Concen: 21.033 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:130 Resp: 2658
Ion Ratio Lower Upper
130 100
95 102.7 77.0 115.4

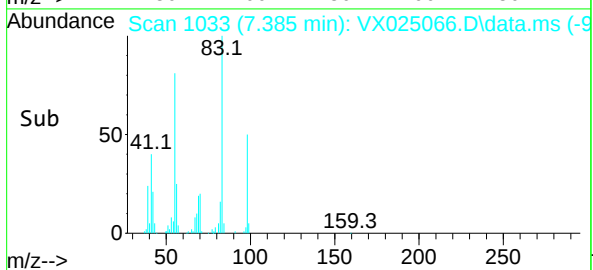
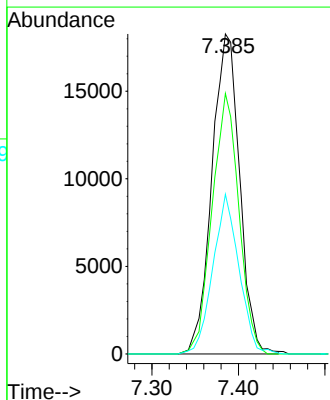
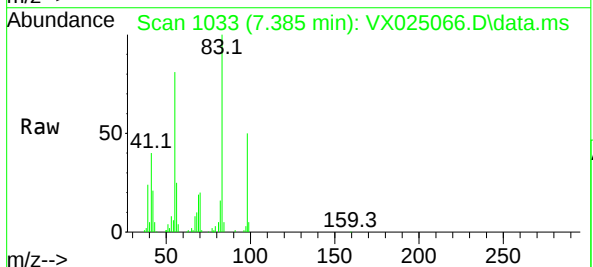
Manual Integrations
APPROVED

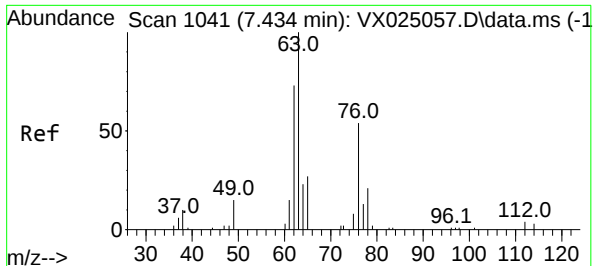
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Methylcyclohexane
Concen: 21.355 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 83 Resp: 40655
Ion Ratio Lower Upper
83 100
55 78.5 37.8 113.4
98 46.6 23.4 70.3





#39

1,2-Dichloropropane

Concen: 20.544 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 63 Resp: 25350

Ion Ratio Lower Upper

63 100

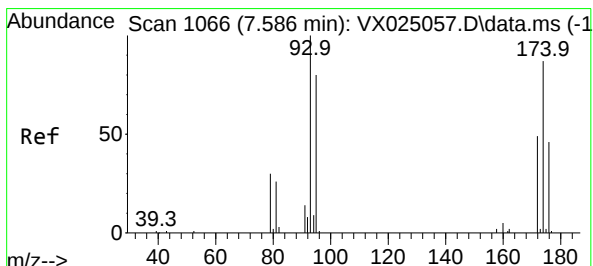
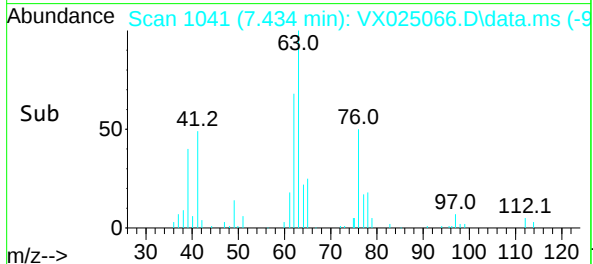
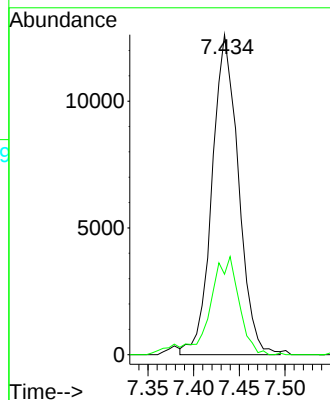
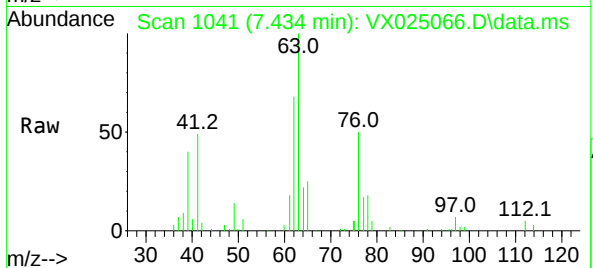
65 24.9 23.4 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

Dibromomethane

Concen: 21.232 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

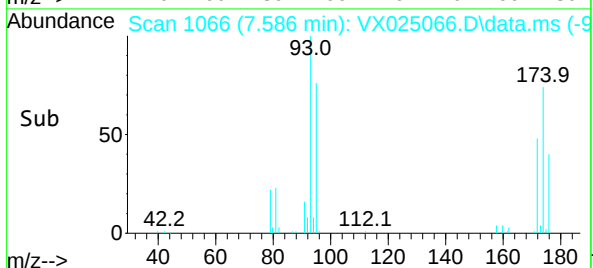
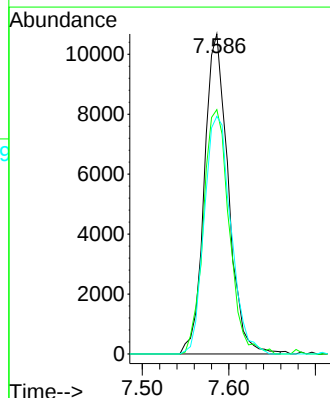
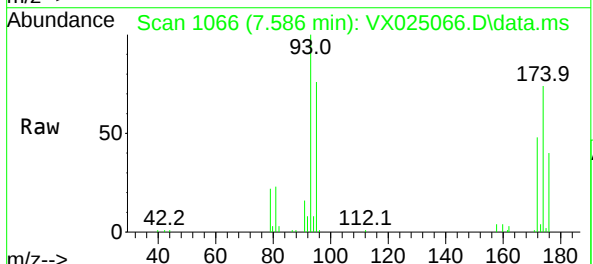
Tgt Ion: 93 Resp: 20411

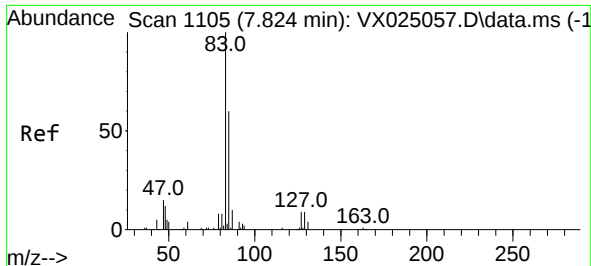
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.4

174 83.2 0.0 206.6





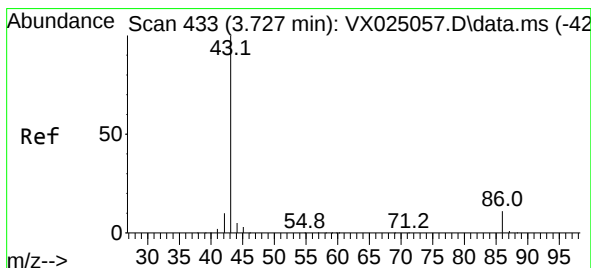
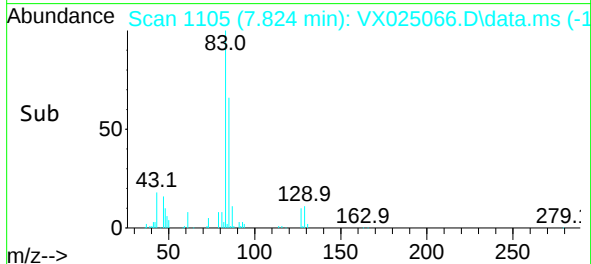
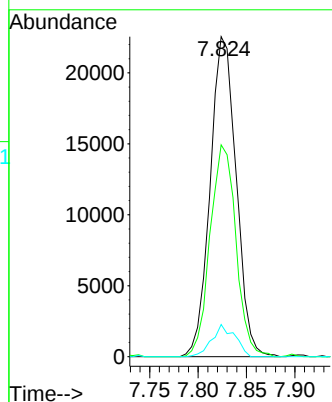
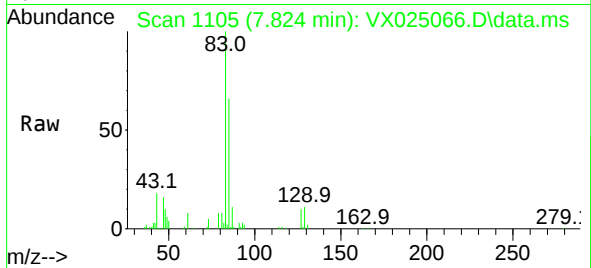
#41
Bromodichloromethane
Concen: 20.707 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 83 Resp: 42264
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5
127 10.1 7.4 11.0

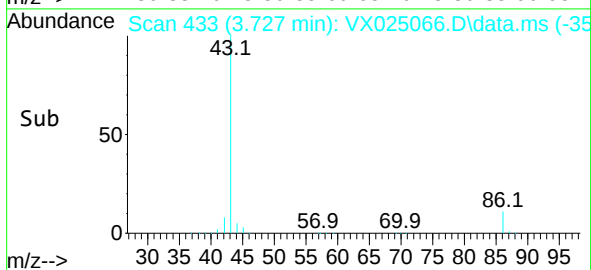
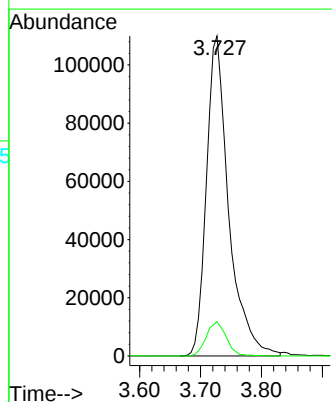
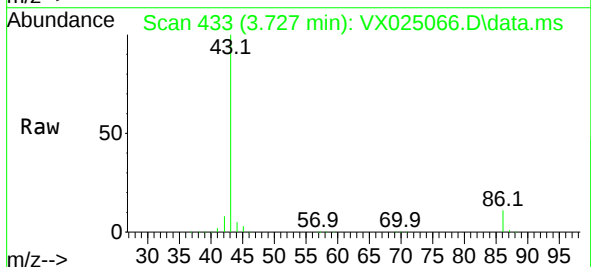
Manual Integrations
APPROVED

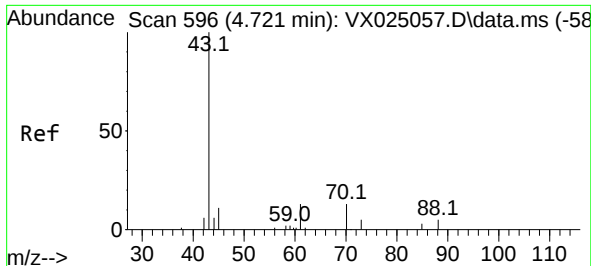
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Vinyl Acetate
Concen: 104.384 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion: 43 Resp: 279258
Ion Ratio Lower Upper
43 100
86 9.6 7.2 10.8





#43

Ethyl Acetate

Concen: 21.342 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 43 Resp: 36578

Ion Ratio Lower Upper

43 100

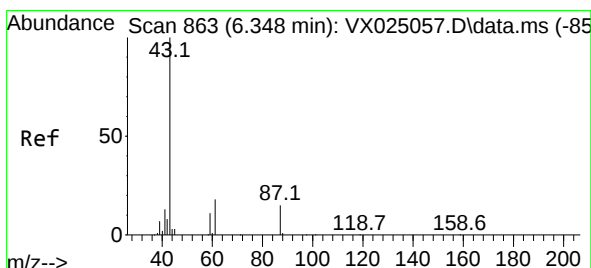
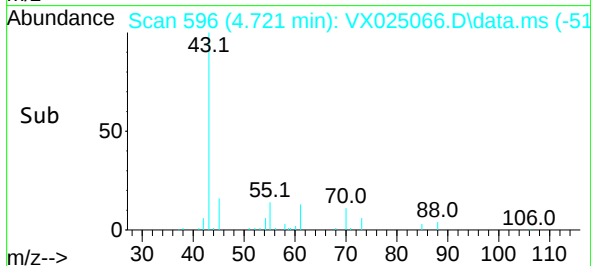
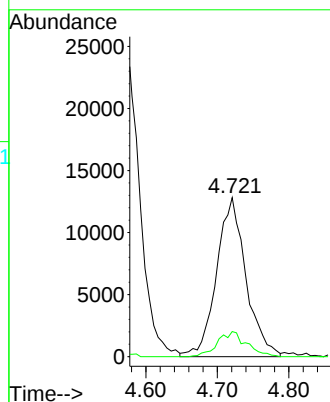
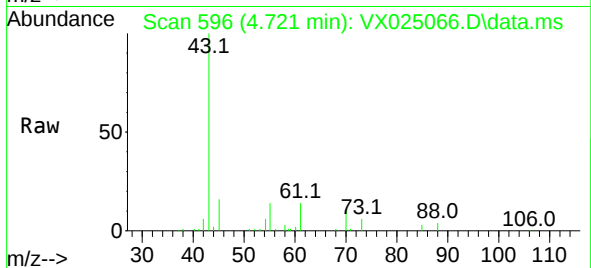
45 2.2 12.1 18.1

Manual Integrations

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Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

Isopropyl Acetate

Concen: 21.078 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX025066.D

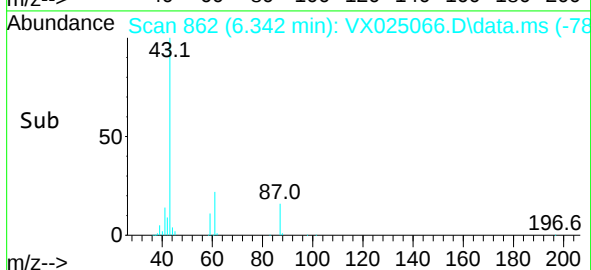
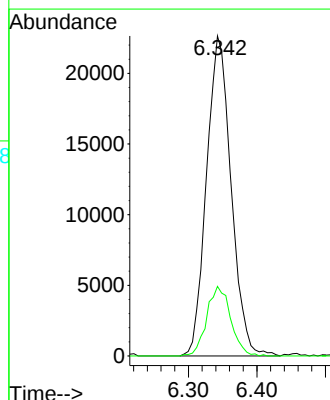
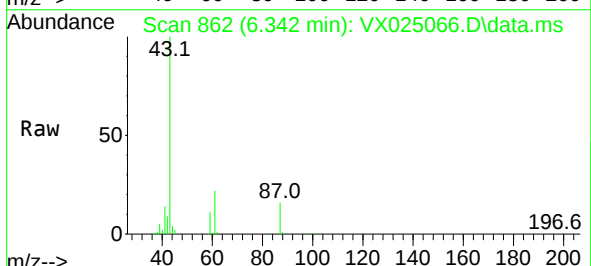
Acq: 03 Nov 2021 22:50

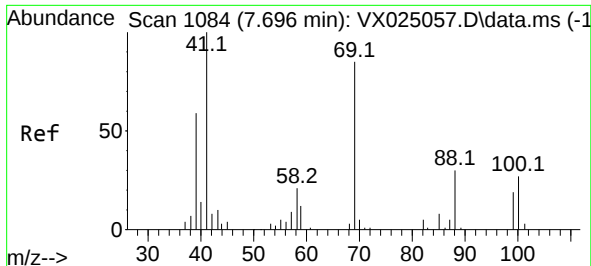
Tgt Ion: 43 Resp: 56506

Ion Ratio Lower Upper

43 100

61 21.1 15.4 23.2





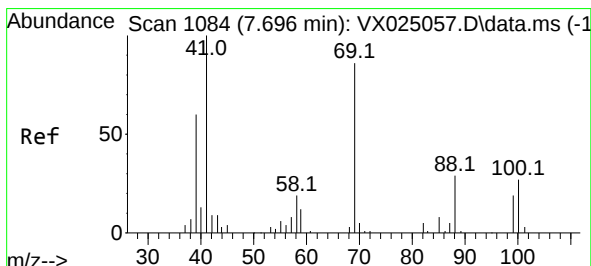
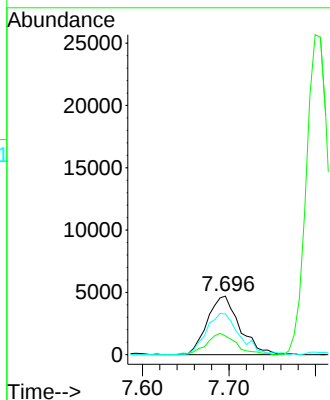
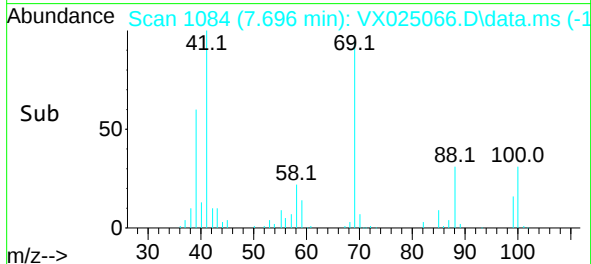
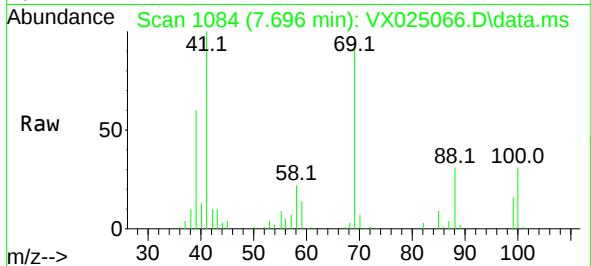
#45
1,4-Dioxane
Concen: 426.417 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 88 Resp: 12139
Ion Ratio Lower Upper
88 100
43 33.0 25.3 37.9
58 71.3 53.1 79.7

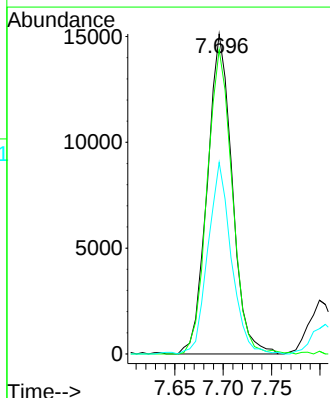
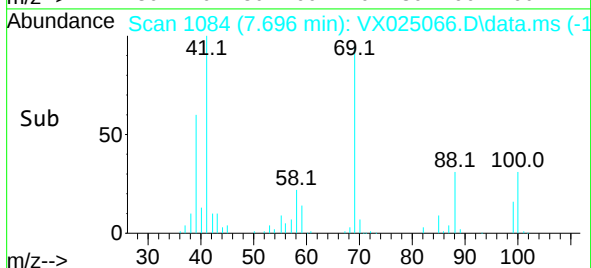
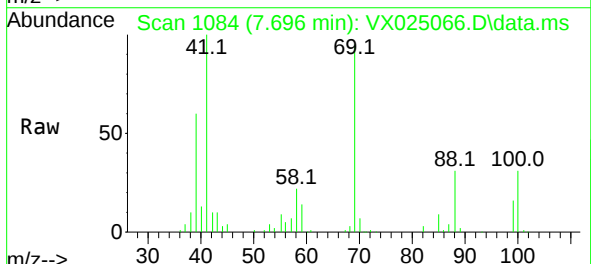
Manual Integrations
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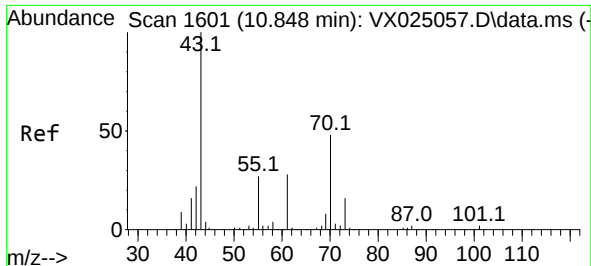
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
Methyl methacrylate
Concen: 20.675 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

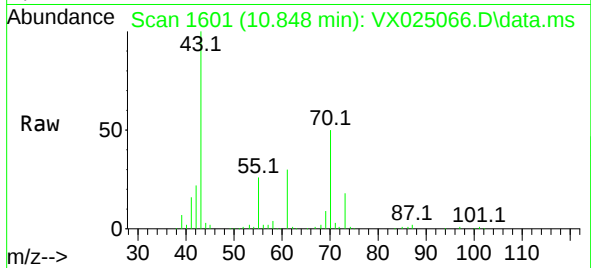
Tgt Ion: 41 Resp: 27097
Ion Ratio Lower Upper
41 100
69 95.1 39.5 118.5
39 59.9 29.0 87.1





#47
n-amy1 Acetate
Concen: 20.532 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

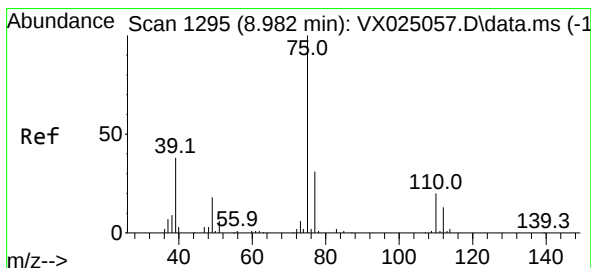
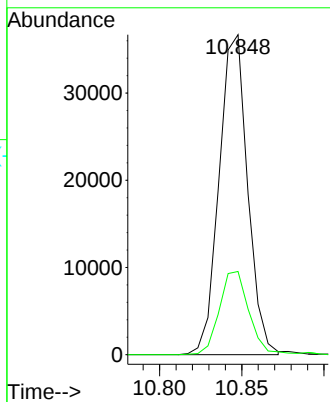
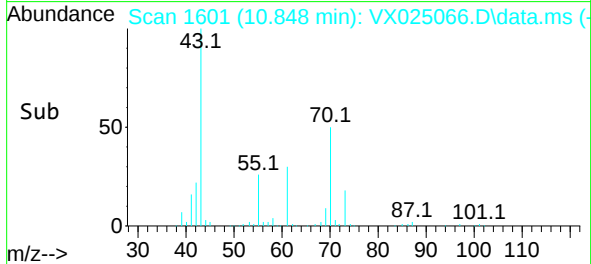
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



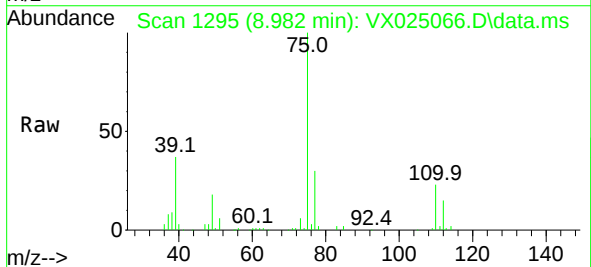
Tgt Ion: 43 Resp: 4438
Ion Ratio Lower Upper
43 100
55 27.1 18.9 28.3

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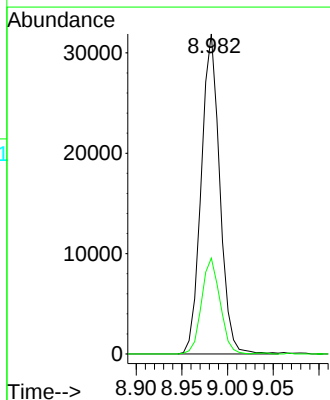
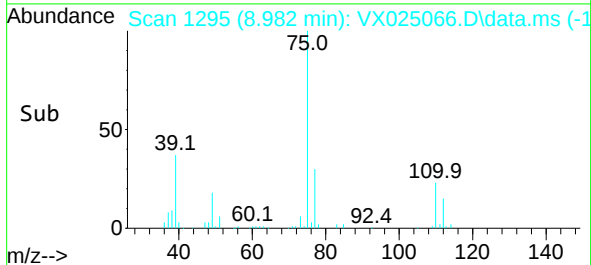
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

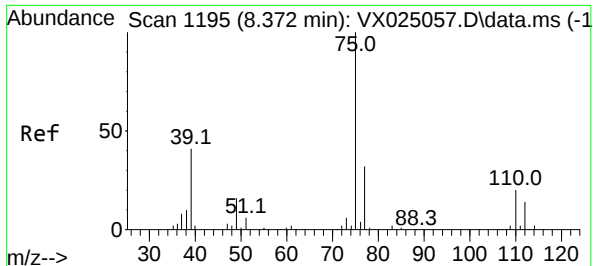


#48
t-1,3-Dichloropropene
Concen: 20.436 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



Tgt Ion: 75 Resp: 44931
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 19.877 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion: 75 Resp: 4362

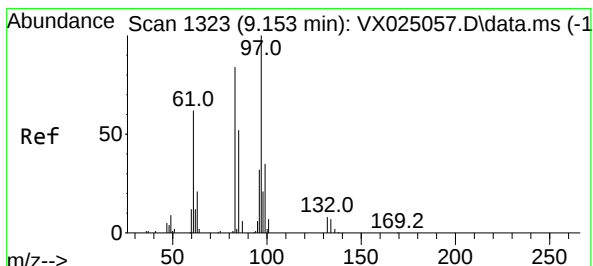
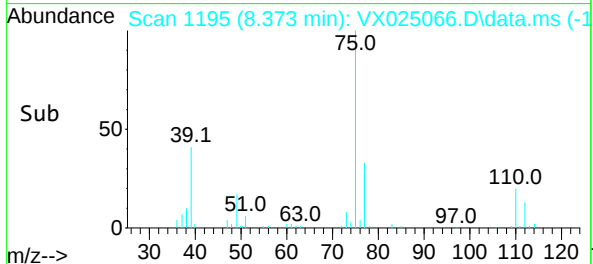
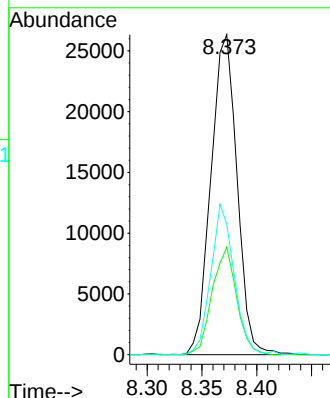
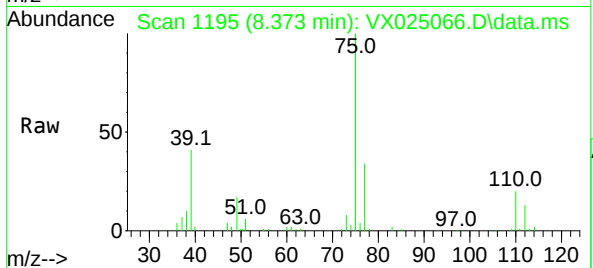
Ion	Ratio	Lower	Upper
75	100		
77	33.6	23.6	35.4
39	40.8	44.0	66.0

Manual Integrations

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Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#50

1,1,2-Trichloroethane

Concen: 20.592 ug/l

RT: 9.153 min Scan# 1323

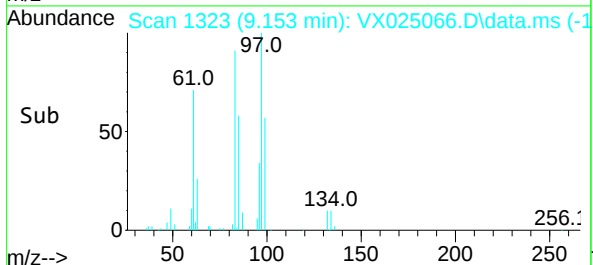
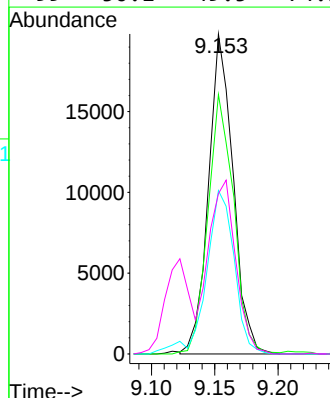
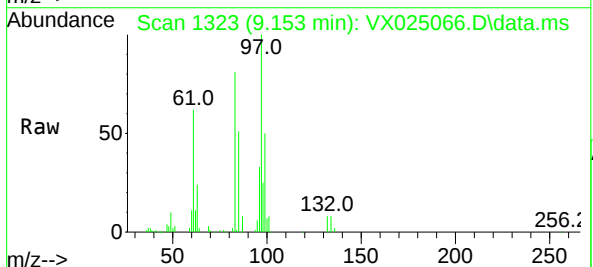
Delta R.T. 0.000 min

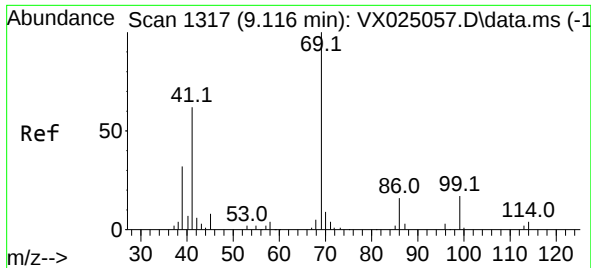
Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Tgt Ion: 97 Resp: 26804

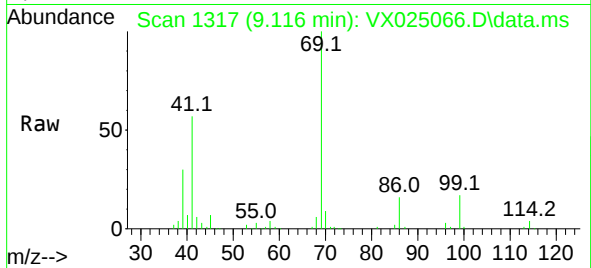
Ion	Ratio	Lower	Upper
97	100		
83	80.6	64.2	96.4
85	51.0	42.4	63.6
99	50.1	49.5	74.3





#51
Ethyl methacrylate
Concen: 20.738 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

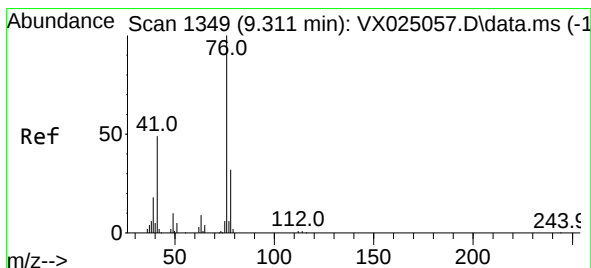
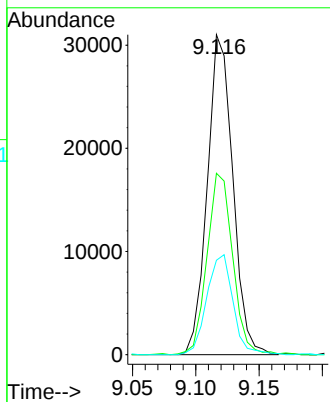
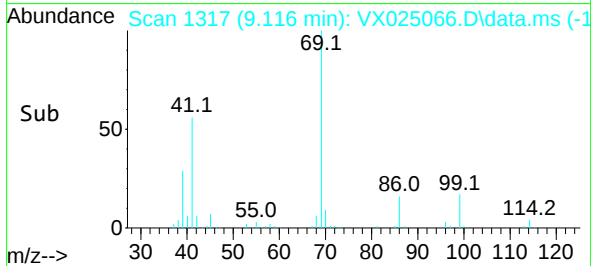
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



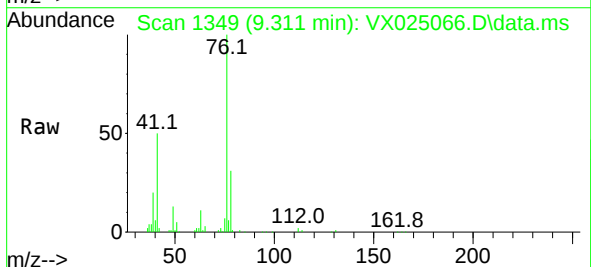
Tgt Ion: 69 Resp: 43500
Ion Ratio Lower Upper
69 100
41 56.5 35.8 107.3
39 29.5 20.3 60.8

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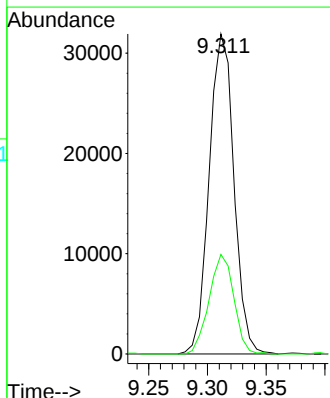
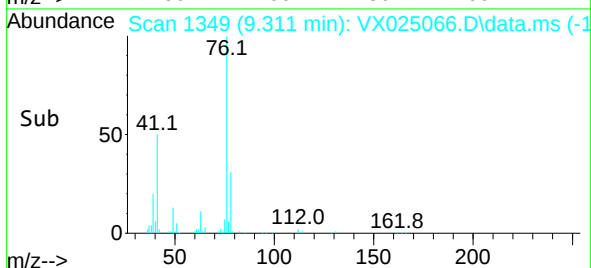
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

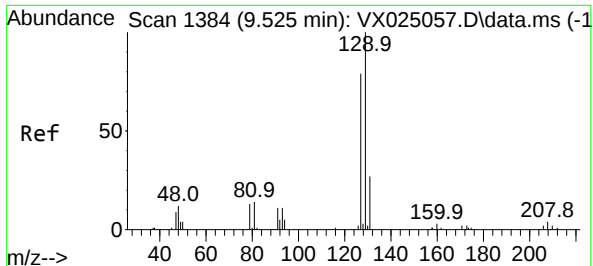


#52
1,3-Dichloropropane
Concen: 21.041 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



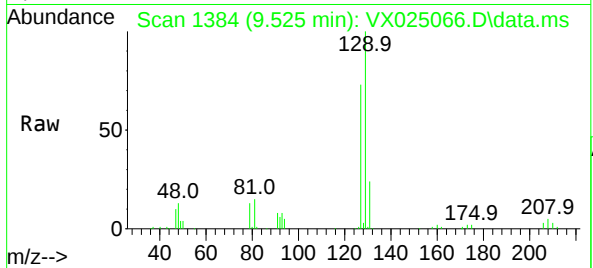
Tgt Ion: 76 Resp: 46801
Ion Ratio Lower Upper
76 100
78 31.1 0.0 64.0





#53
Dibromochloromethane
Concen: 20.852 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

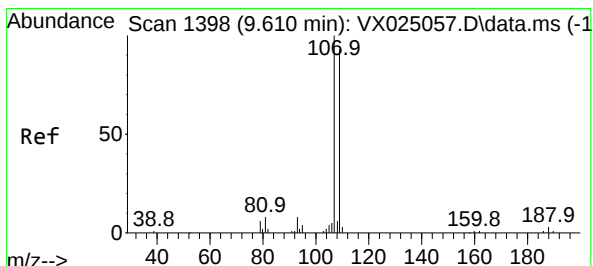
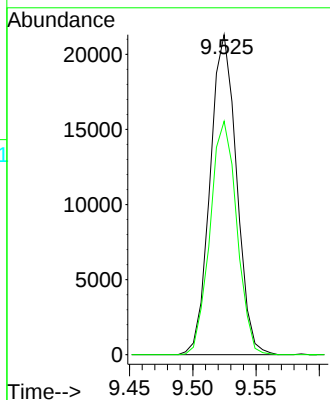
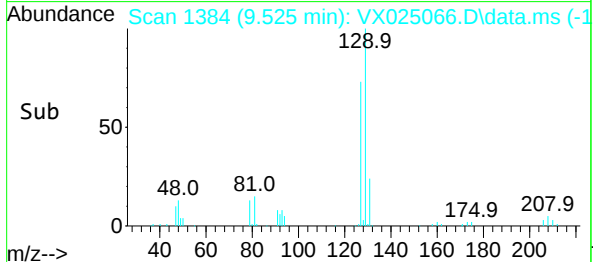
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



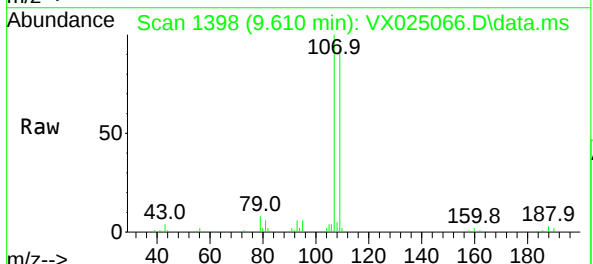
Tgt Ion:129 Resp: 3098
Ion Ratio Lower Upper
129 100
127 73.7 39.3 117.9

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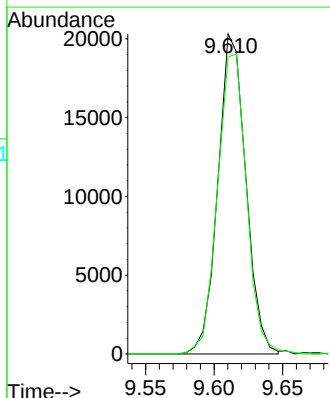
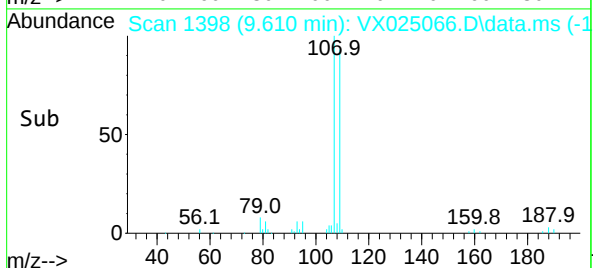
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

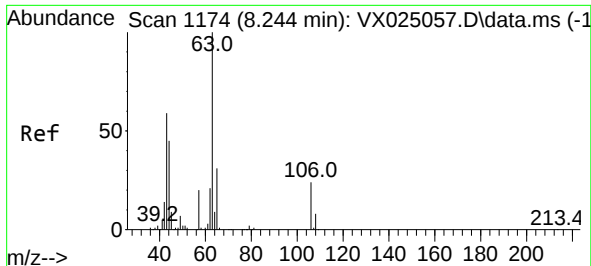


#54
1,2-Dibromoethane
Concen: 19.788 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



Tgt Ion:107 Resp: 28770
Ion Ratio Lower Upper
107 100
109 97.4 75.3 112.9





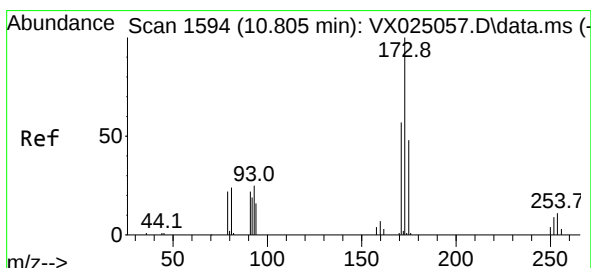
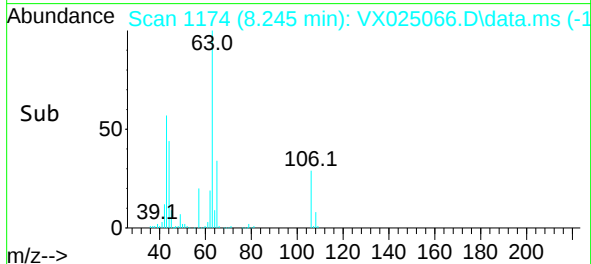
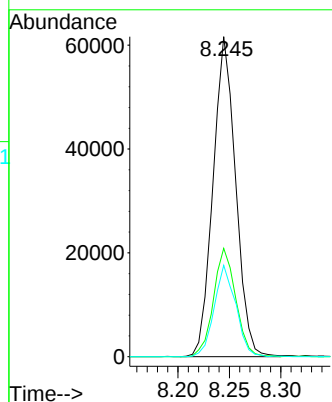
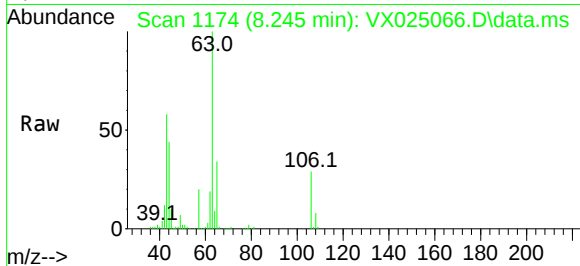
#55
2-Chloroethyl vinyl ether
Concen: 101.008 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 63 Resp: 94298
Ion Ratio Lower Upper
63 100
65 33.2 25.8 38.6
106 27.1 21.8 32.8

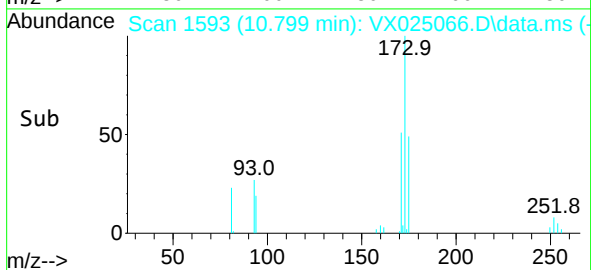
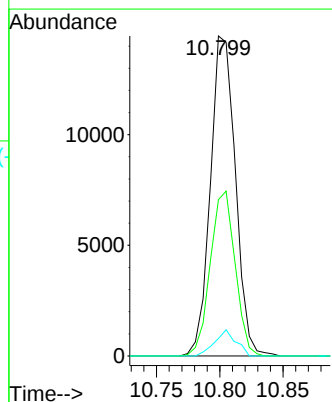
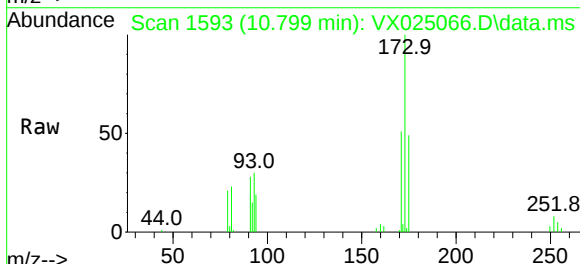
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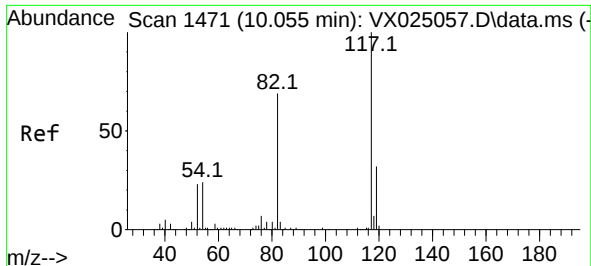
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#56
Bromoform
Concen: 20.182 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

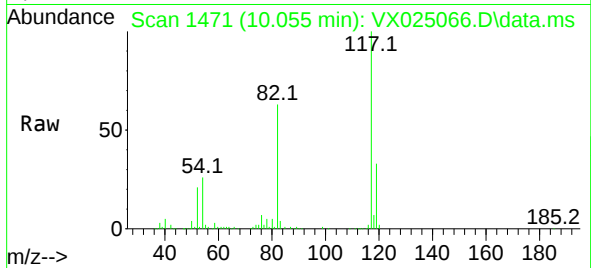
Tgt Ion:173 Resp: 19913
Ion Ratio Lower Upper
173 100
175 51.1 38.4 57.6
254 6.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

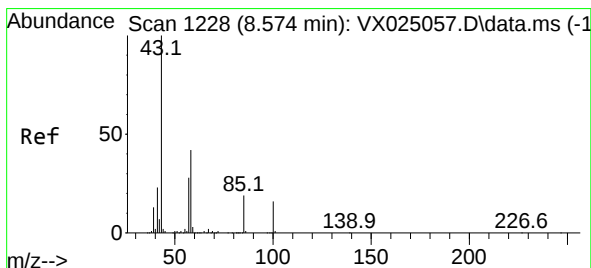
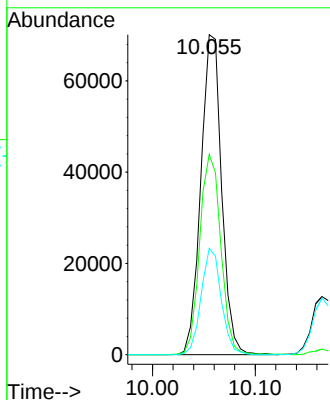
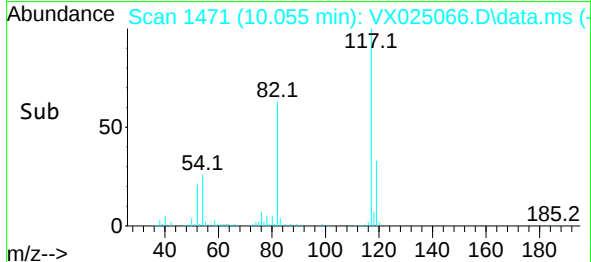
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 117 Resp: 98820
Ion Ratio Lower Upper
117 100
82 62.6 45.0 67.4
119 32.1 26.2 39.2

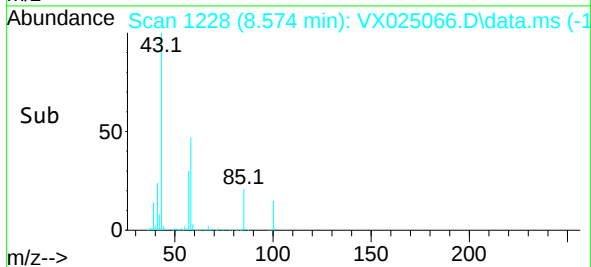
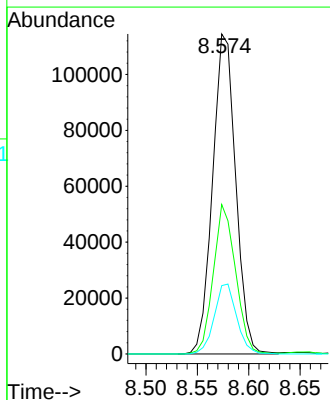
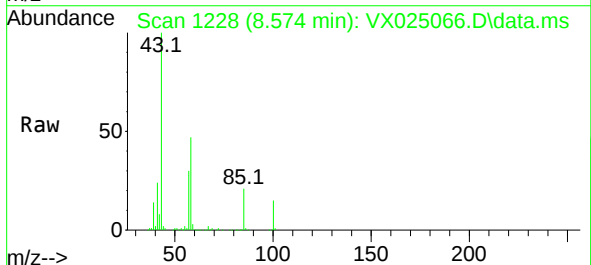
Manual Integrations
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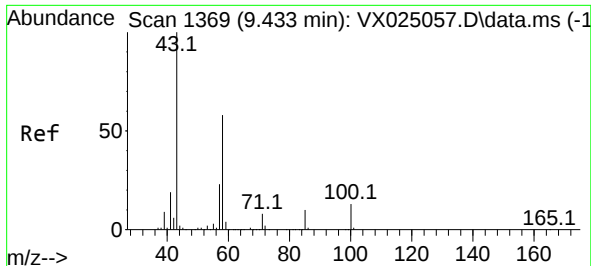
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
4-Methyl-2-Pentanone
Concen: 107.460 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

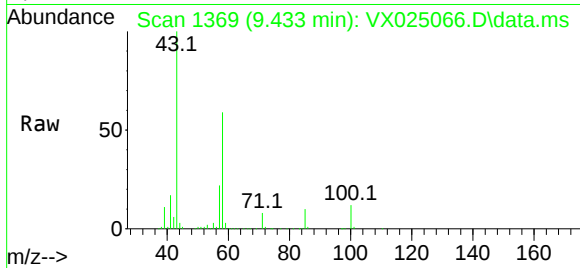
Tgt Ion: 43 Resp: 179025
Ion Ratio Lower Upper
43 100
58 45.0 30.5 45.7
85 21.2 14.0 21.0#





#59
2-Hexanone
Concen: 108.168 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

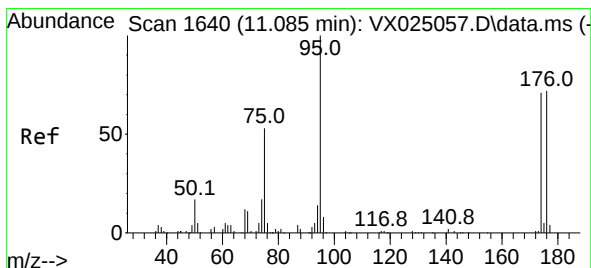
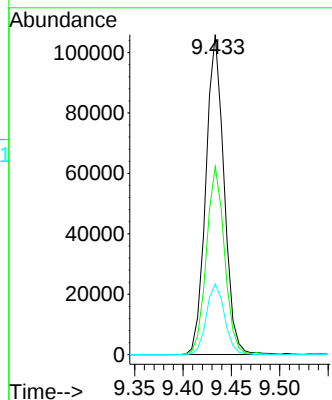
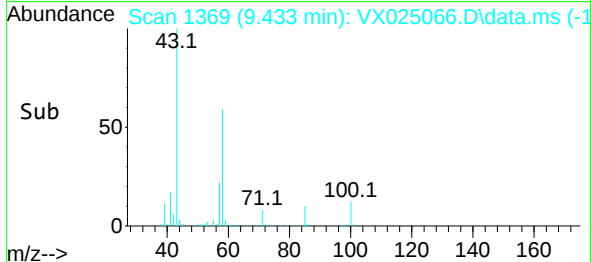
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 43 Resp: 13846
Ion Ratio Lower Upper
43 100
58 58.6 42.1 63.1
57 22.2 14.9 22.3

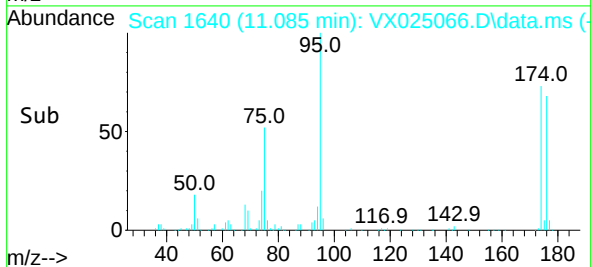
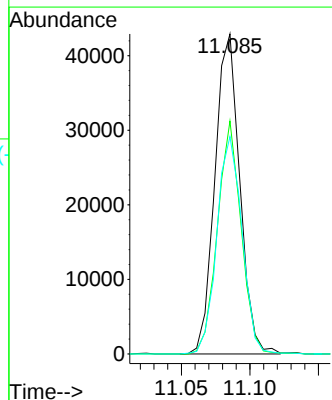
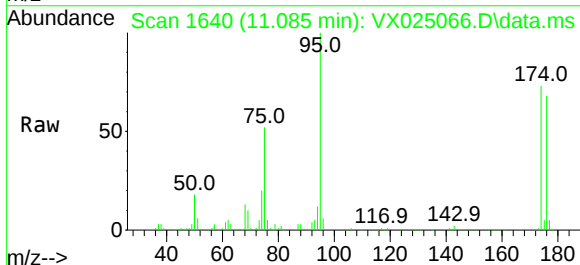
Manual Integrations
APPROVED

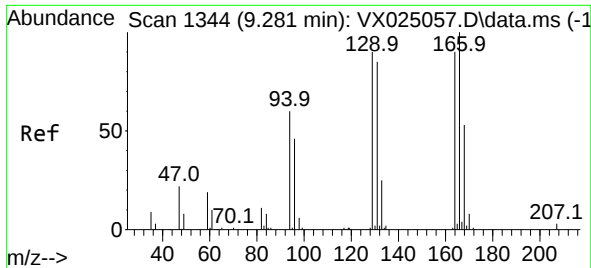
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
4-Bromofluorobenzene
Concen: 30.008 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

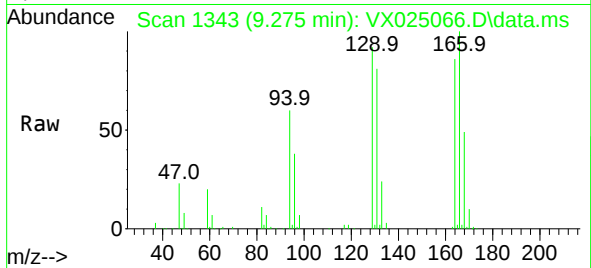
Tgt Ion: 95 Resp: 54109
Ion Ratio Lower Upper
95 100
174 69.2 63.5 95.3
176 68.0 63.0 94.4





#61
Tetrachloroethene
Concen: 22.183 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

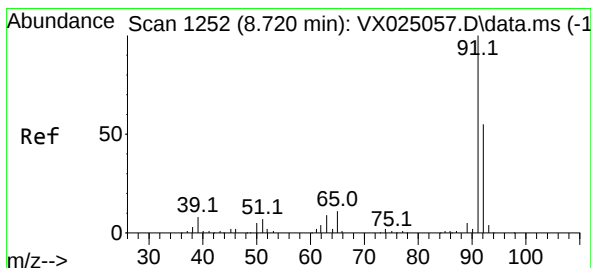
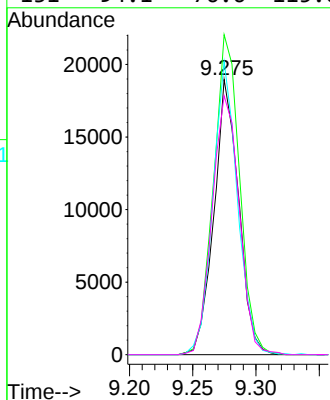
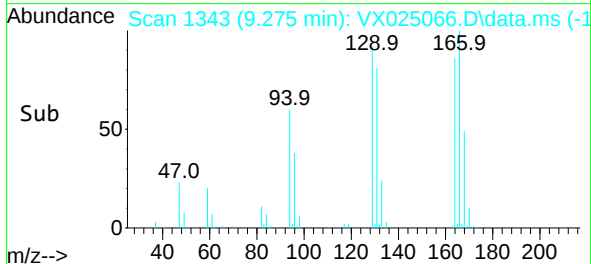
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



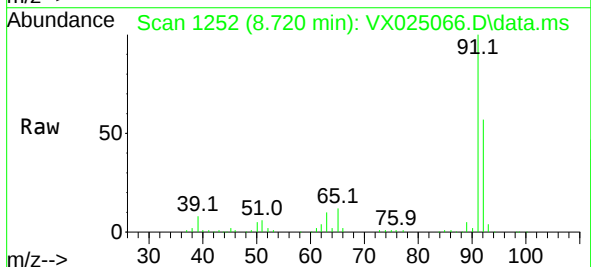
Tgt Ion:164 Resp: 2568
Ion Ratio Lower Upper
164 100
166 116.3 98.6 147.8
129 106.5 79.7 119.5
131 94.1 76.6 115.0

Manual Integrations
APPROVED

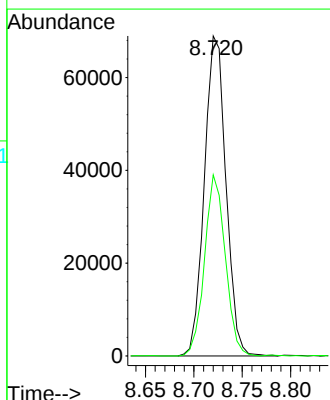
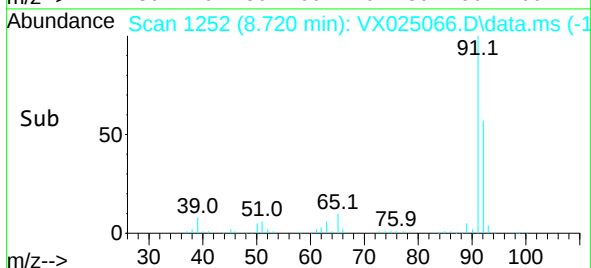
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

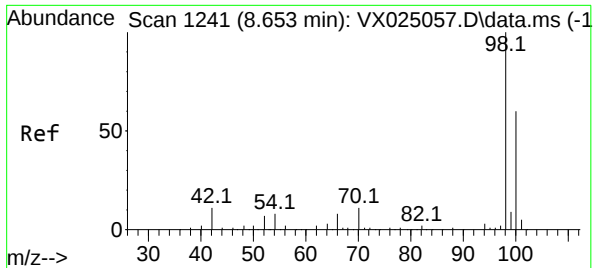


#62
Toluene
Concen: 21.235 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



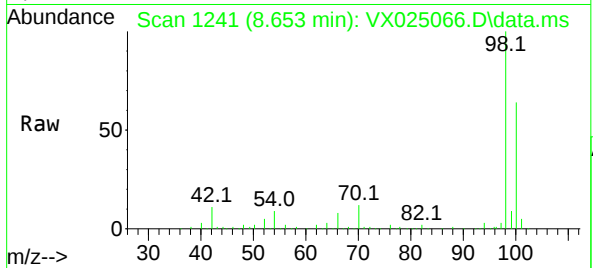
Tgt Ion: 91 Resp: 107348
Ion Ratio Lower Upper
91 100
92 54.3 46.5 69.7





#63
Toluene-d8
Concen: 29.843 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

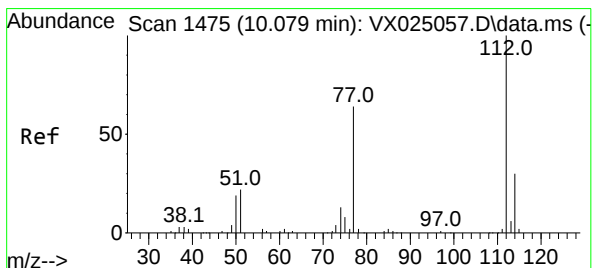
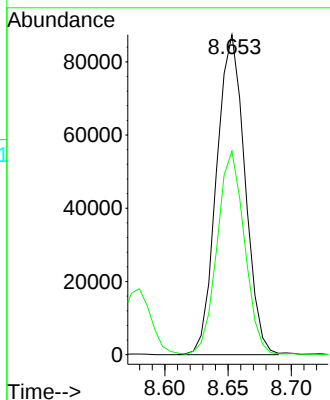
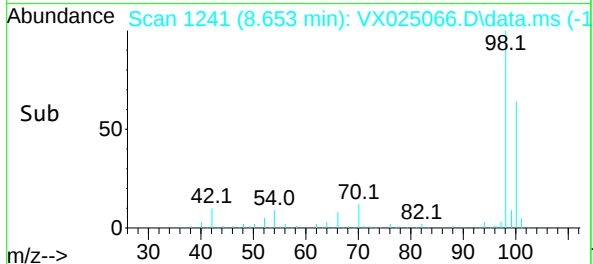
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



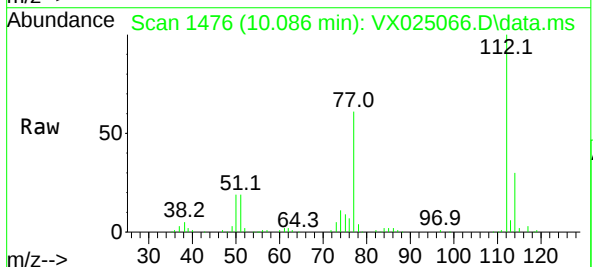
Tgt Ion: 98 Resp: 13621
Ion Ratio Lower Upper
98 100
100 61.4 51.4 77.0

Manual Integrations
APPROVED

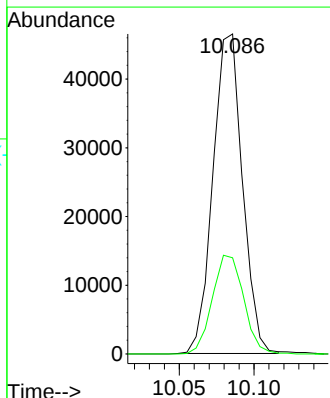
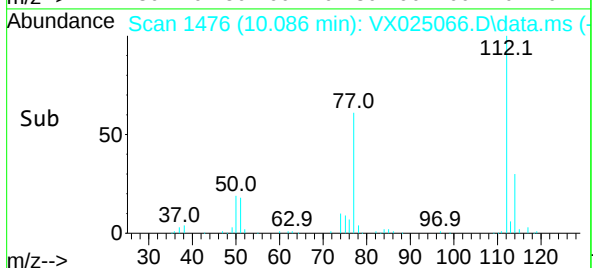
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

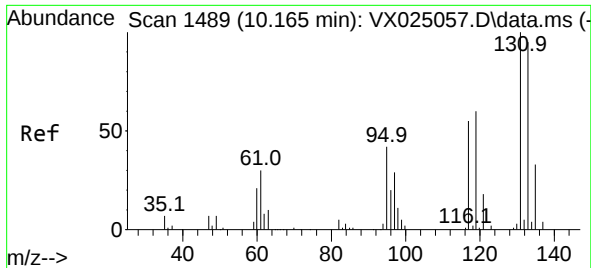


#64
Chlorobenzene
Concen: 20.899 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



Tgt Ion:112 Resp: 63812
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0





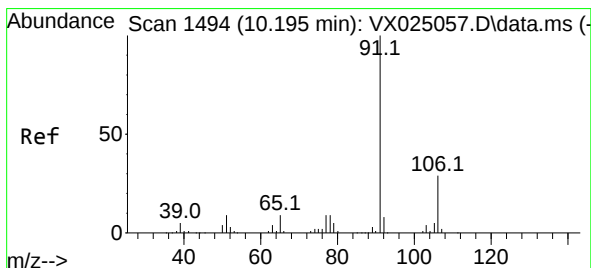
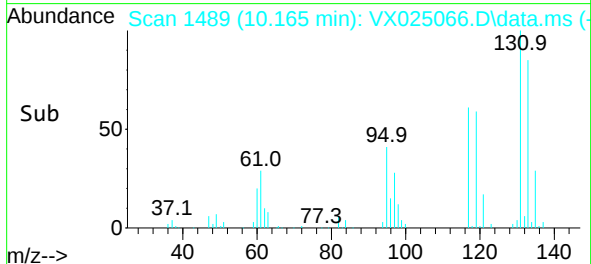
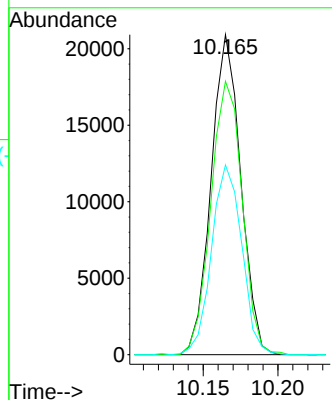
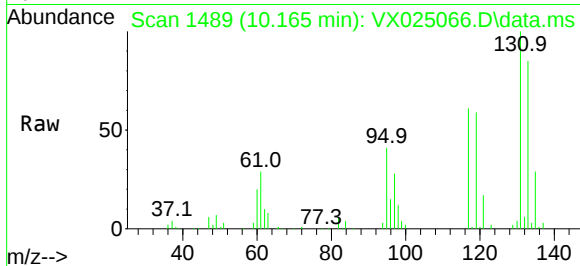
#65
1,1,1,2-Tetrachloroethane
Concen: 21.127 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:131 Resp: 2881
Ion Ratio Lower Upper
131 100
133 90.3 0.0 191.2
119 60.6 0.0 133.2

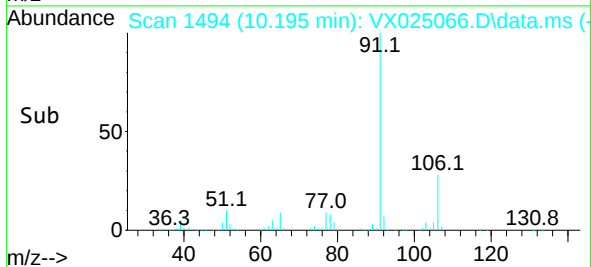
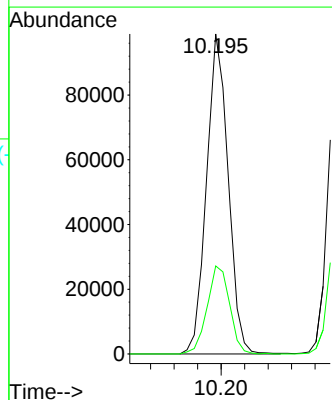
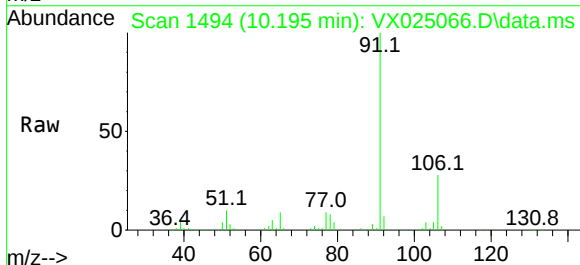
Manual Integrations
APPROVED

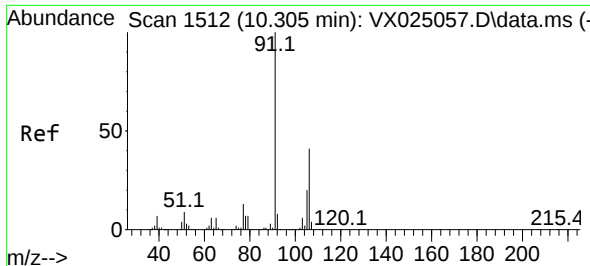
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Ethyl Benzene
Concen: 21.140 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

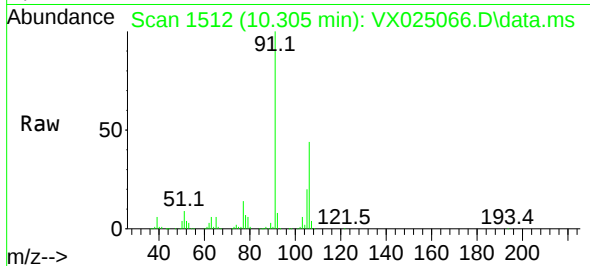
Tgt Ion: 91 Resp: 126358
Ion Ratio Lower Upper
91 100
106 27.5 24.7 37.1





#67
m/p-Xylenes
Concen: 42.775 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

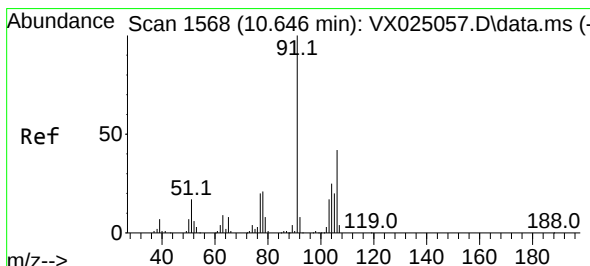
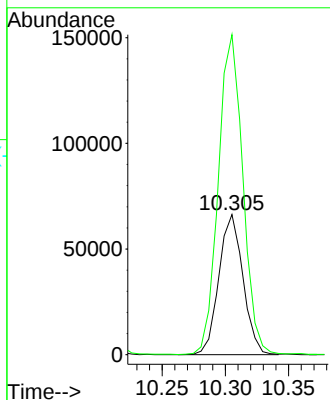
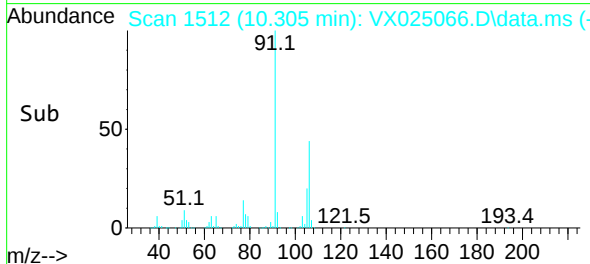
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



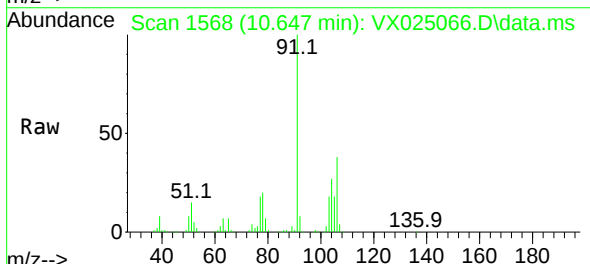
Tgt Ion:106 Resp: 8791
Ion Ratio Lower Upper
106 100
91 232.1 162.4 243.6

Manual Integrations
APPROVED

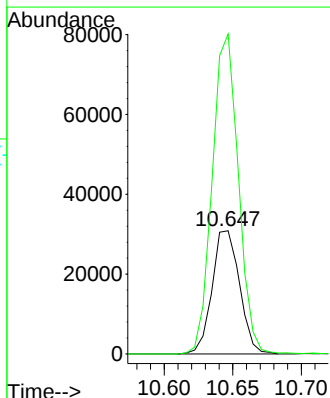
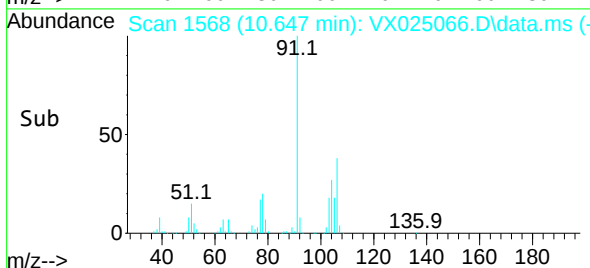
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

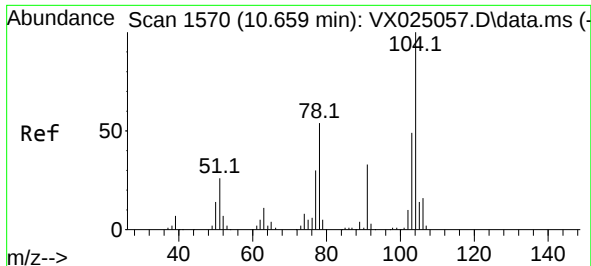


#68
o-Xylene
Concen: 21.454 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



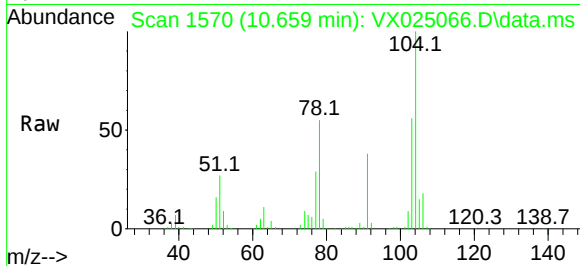
Tgt Ion:106 Resp: 43061
Ion Ratio Lower Upper
106 100
91 246.9 107.3 321.8





#69
Styrene
Concen: 20.772 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

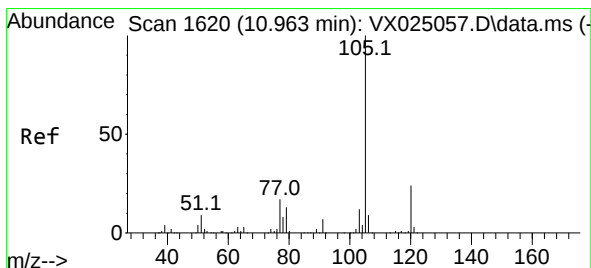
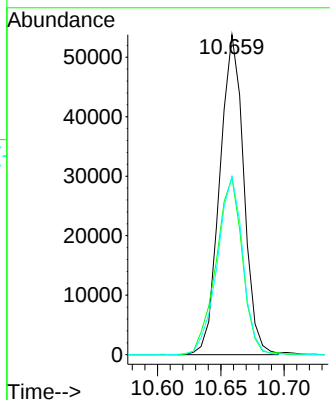
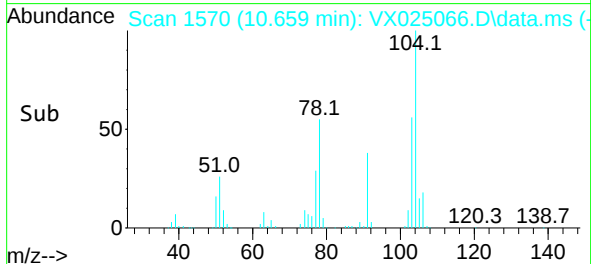
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



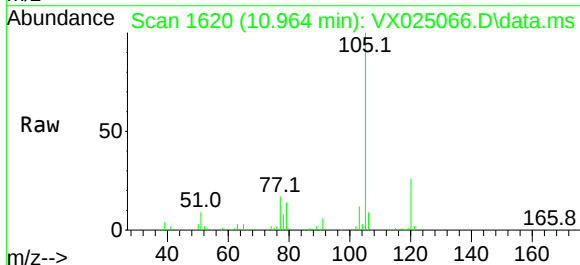
Tgt Ion:104 Resp: 70824
Ion Ratio Lower Upper
104 100
78 60.5 41.4 62.0
103 59.5 44.2 66.4

Manual Integrations
APPROVED

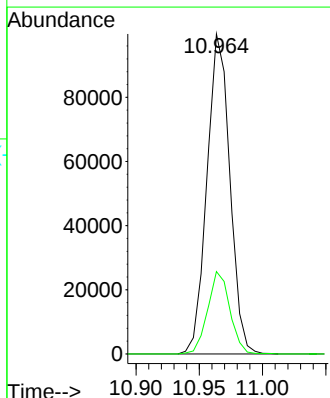
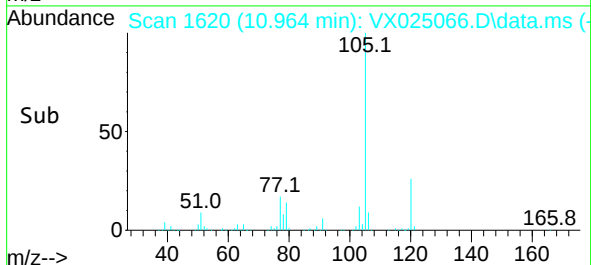
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021

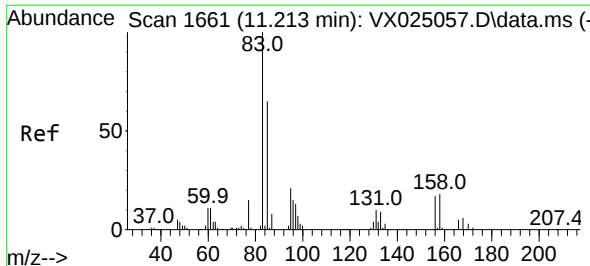


#70
Isopropylbenzene
Concen: 21.554 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50



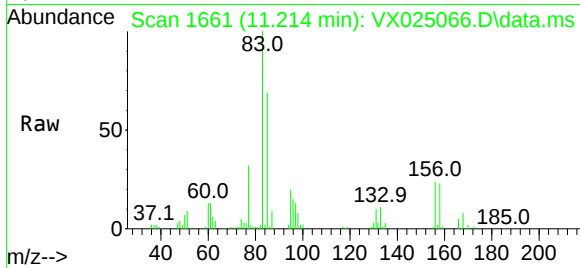
Tgt Ion:105 Resp: 125693
Ion Ratio Lower Upper
105 100
120 25.0 18.7 34.7





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.898 ug/l
 RT: 11.214 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50

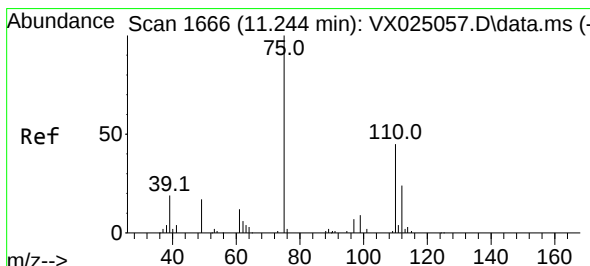
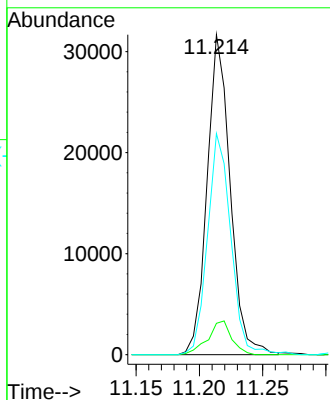
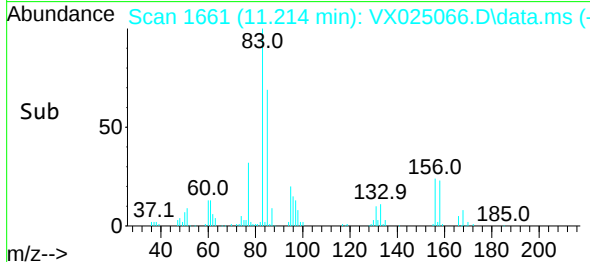
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01



Tgt Ion: 83 Resp: 40229
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.1 15.4
 85 68.6 32.4 97.2

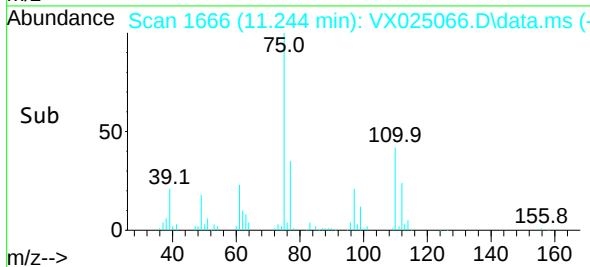
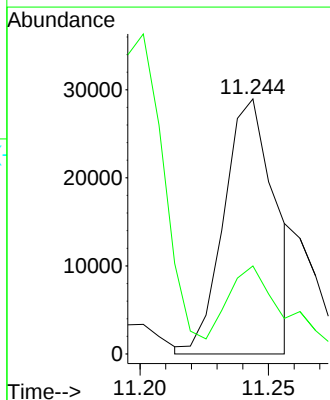
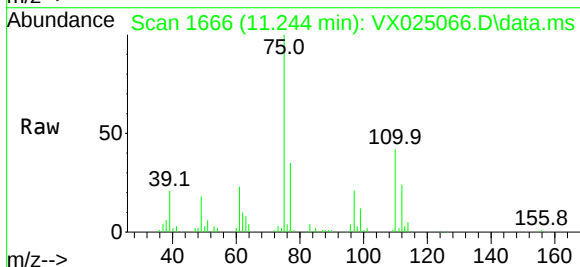
Manual Integrations
 APPROVED

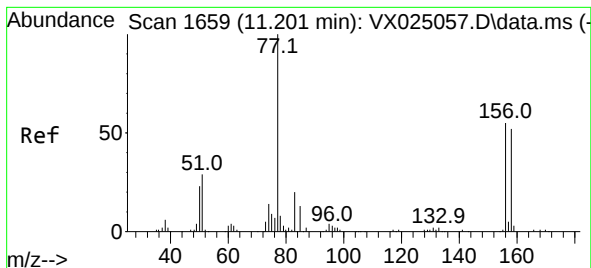
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#72
 1,2,3-Trichloropropane
 Concen: 21.460 ug/l m
 RT: 11.244 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50

Tgt Ion: 75 Resp: 40012
 Ion Ratio Lower Upper
 75 100
 77 39.8 0.0 77.4





#73

Bromobenzene

Concen: 21.964 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

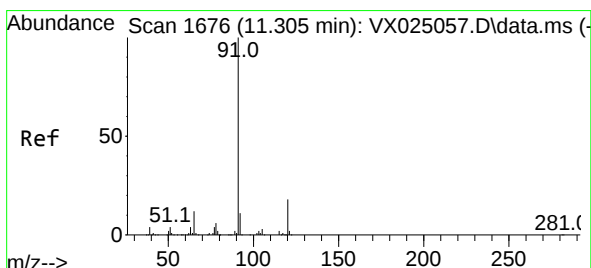
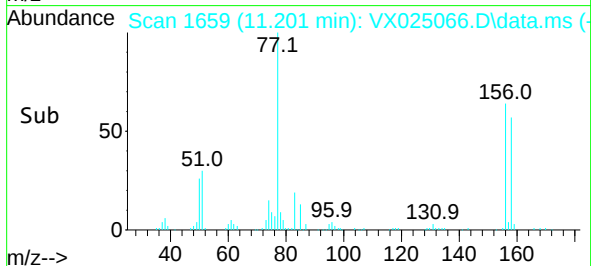
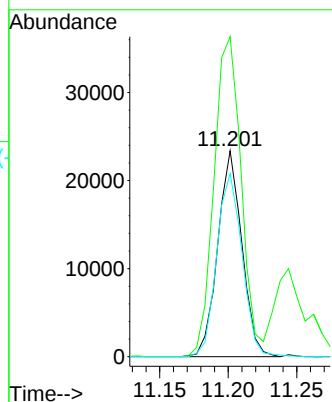
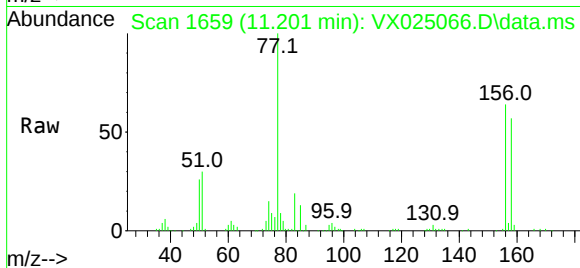
Tgt Ion:	156	Resp:	2862
Ion Ratio	Lower	Upper	
156	100		
77	174.7	0.0	303.2
158	93.6	0.0	197.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#74

n-propylbenzene

Concen: 21.095 ug/l

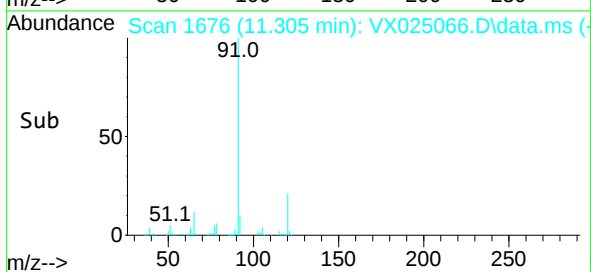
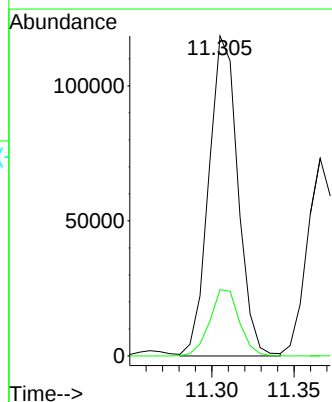
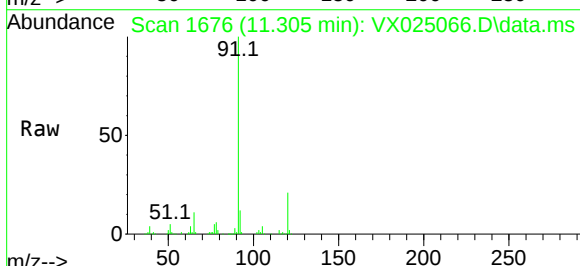
RT: 11.305 min Scan# 1676

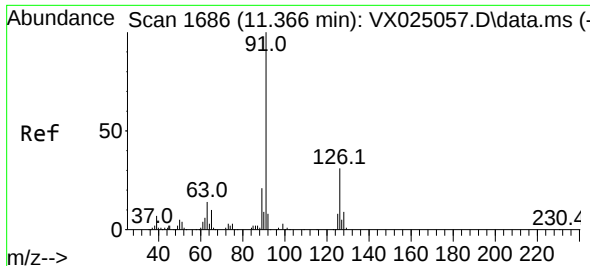
Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Tgt Ion:	91	Resp:	145892
Ion Ratio	Lower	Upper	
91	100		
120	21.1	0.0	46.0





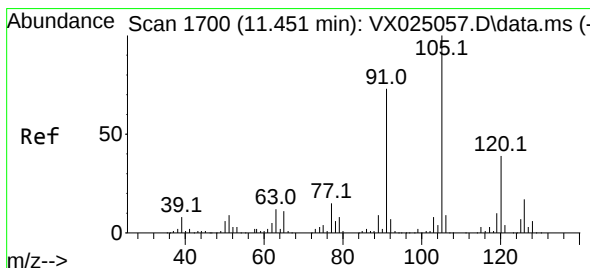
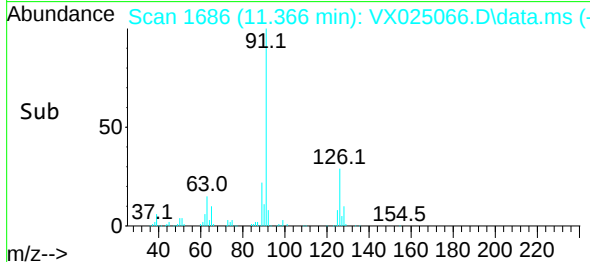
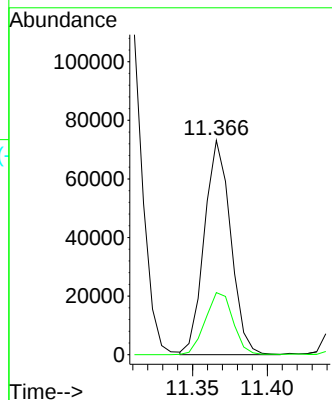
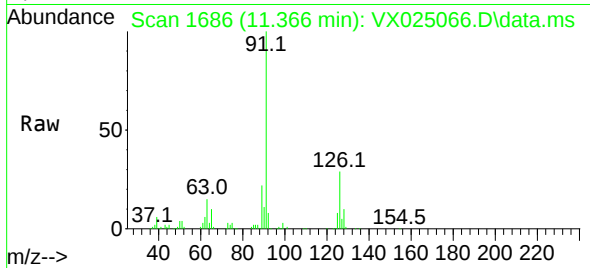
#75
2-Chlorotoluene
Concen: 20.756 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 91 Resp: 89960
Ion Ratio Lower Upper
91 100
126 30.2 0.0 69.0

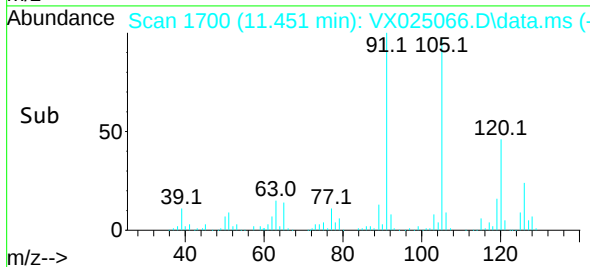
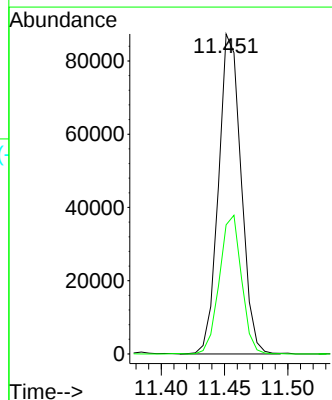
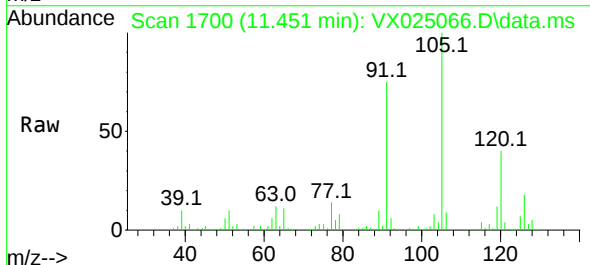
Manual Integrations
APPROVED

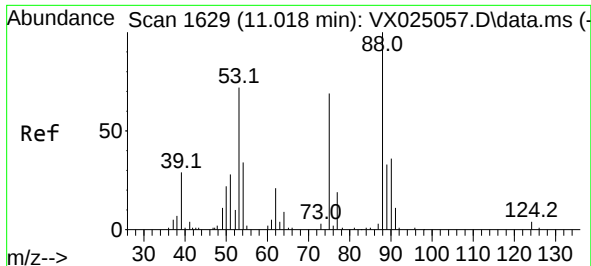
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,3,5-Trimethylbenzene
Concen: 21.265 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion:105 Resp: 108150
Ion Ratio Lower Upper
105 100
120 42.5 0.0 98.0





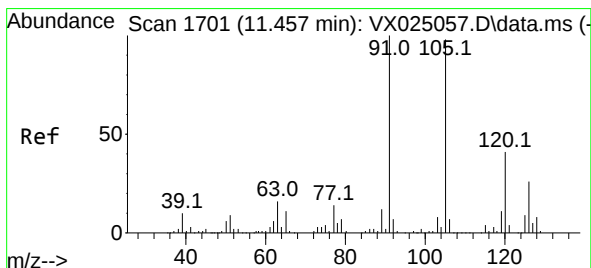
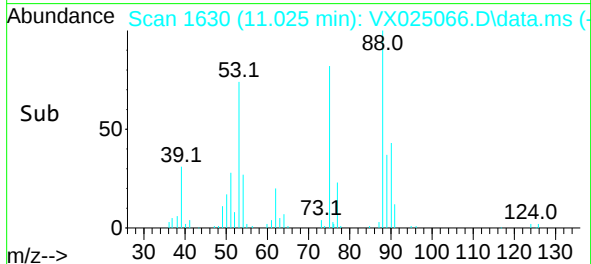
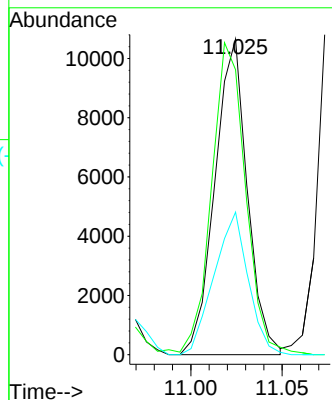
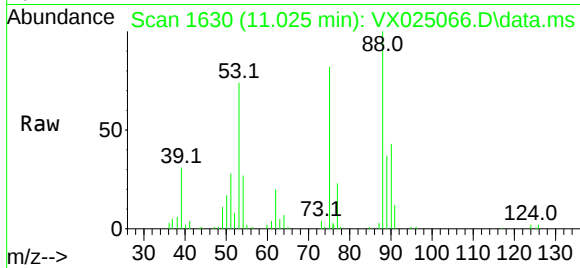
#77
t-1,4-Dichloro-2-butene
Concen: 20.954 ug/l
RT: 11.025 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion: 75 Resp: 13154
Ion Ratio Lower Upper
75 100
53 89.4 53.9 161.7
89 45.1 22.9 68.7

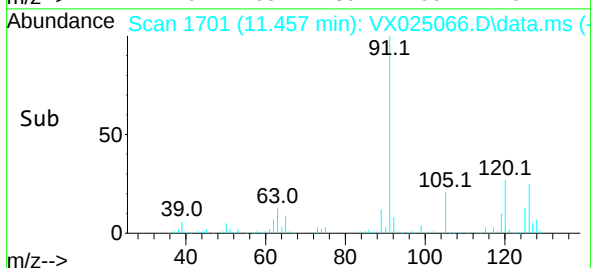
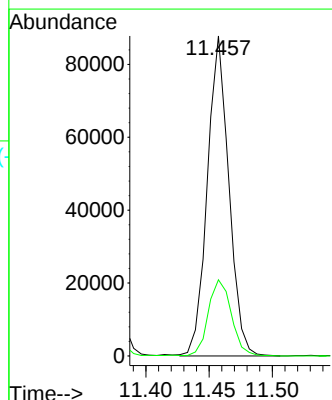
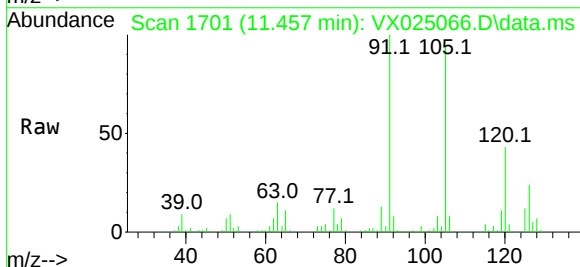
Manual Integrations
APPROVED

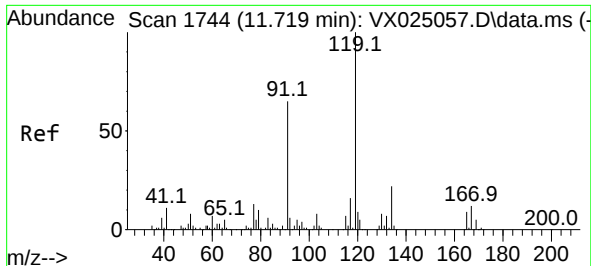
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
4-Chlorotoluene
Concen: 21.017 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

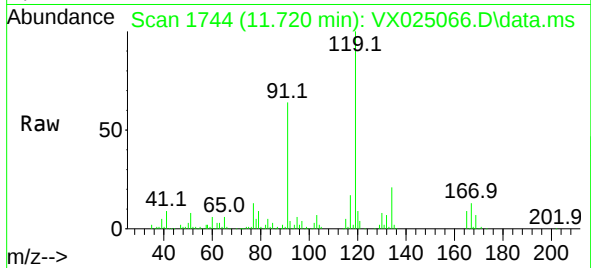
Tgt Ion: 91 Resp: 103963
Ion Ratio Lower Upper
91 100
126 25.5 0.0 59.6





#79
tert-butylbenzene
Concen: 21.247 ug/l
RT: 11.720 min Scan# 11744
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

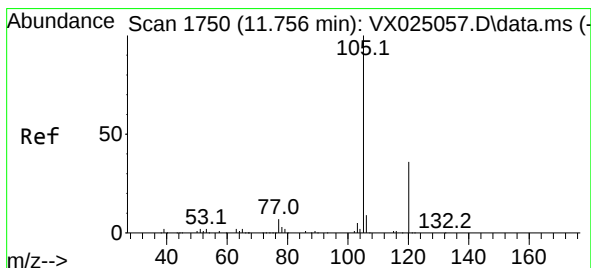
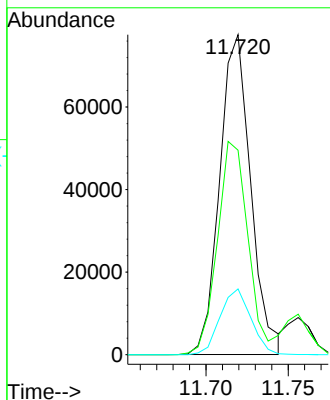
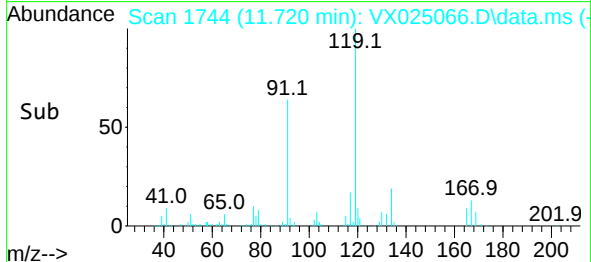
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion:119 Resp: 101809
Ion Ratio Lower Upper
119 100
91 65.4 0.0 121.2
134 20.5 0.0 47.4

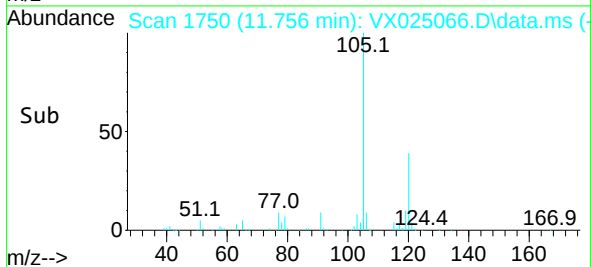
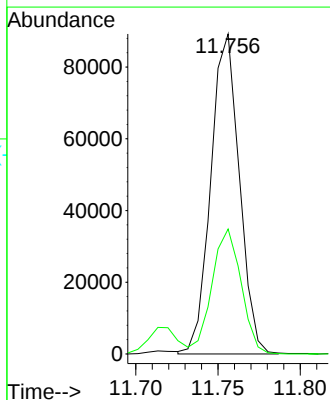
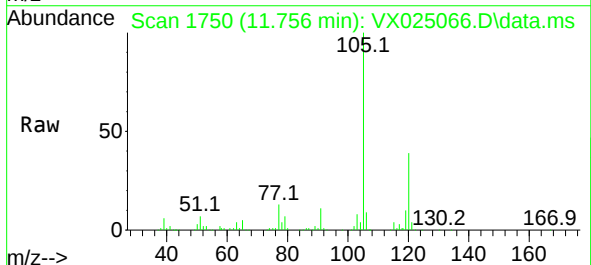
Manual Integrations
APPROVED

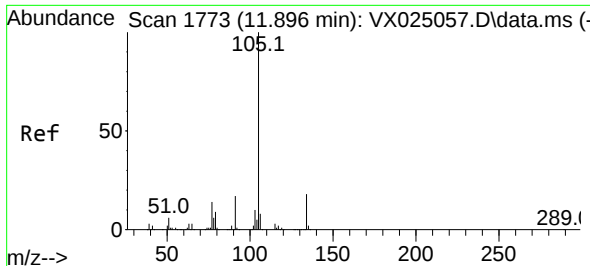
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.558 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

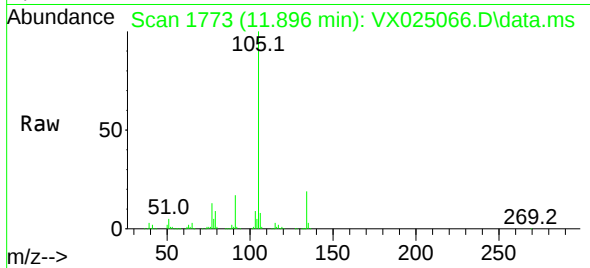
Tgt Ion:105 Resp: 107816
Ion Ratio Lower Upper
105 100
120 39.9 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 21.745 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50

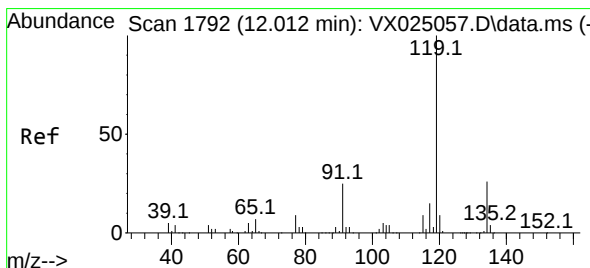
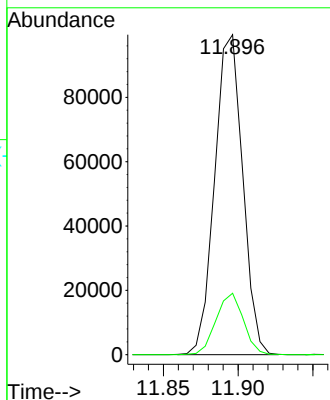
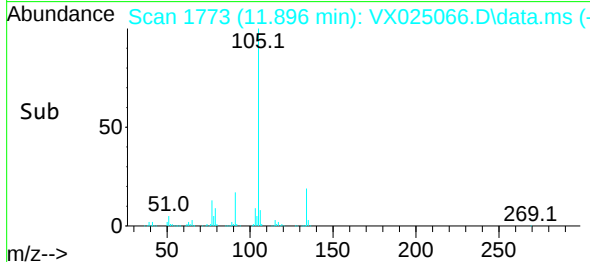
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBS01



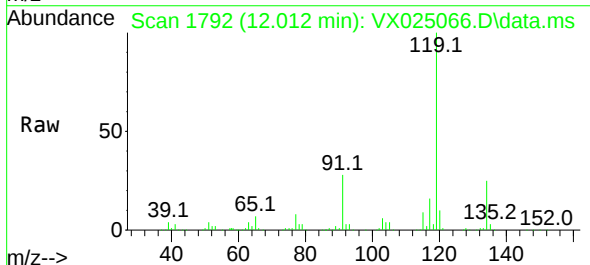
Tgt Ion:105 Resp: 12963
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 40.2

Manual Integrations
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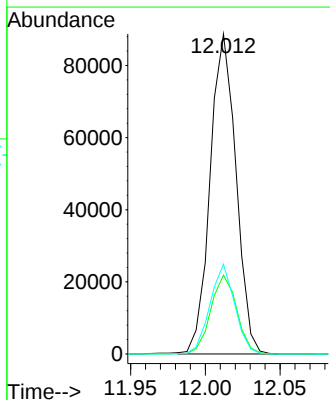
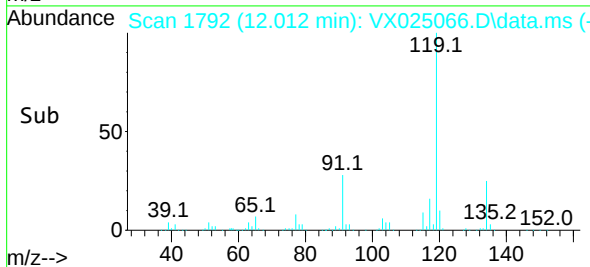
Reviewed By :John Carlone 11/04/2021
 Supervised By :Mahesh Dadoda 11/10/2021

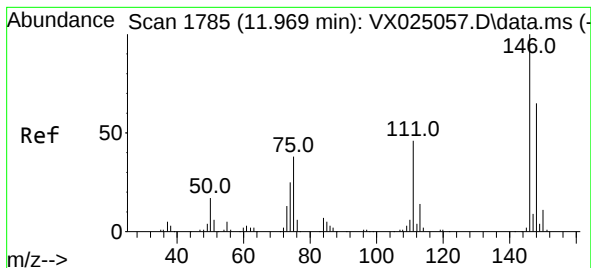


#82
 p-Isopropyltoluene
 Concen: 21.579 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX025066.D
 Acq: 03 Nov 2021 22:50



Tgt Ion:119 Resp: 106699
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 52.8
 91 26.8 0.0 48.6





#83

1,3-Dichlorobenzene

Concen: 21.424 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

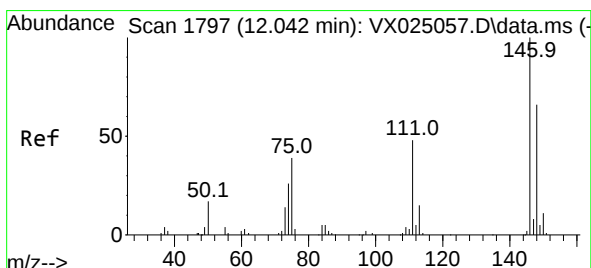
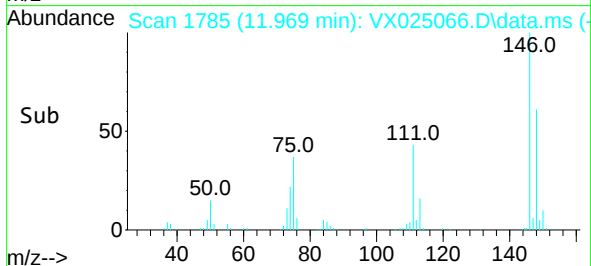
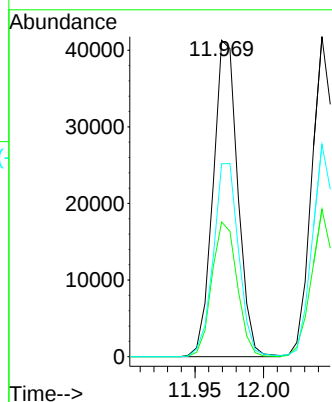
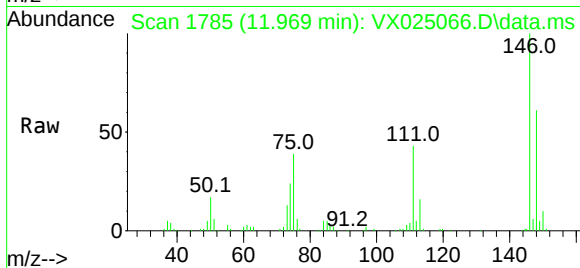
Tgt Ion:146 Resp: 51912
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.1 60.2
 148 62.5 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#84

1,4-Dichlorobenzene

Concen: 20.676 ug/l

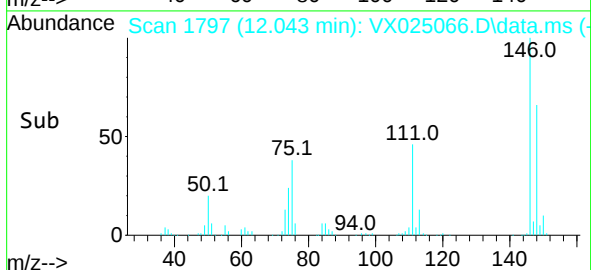
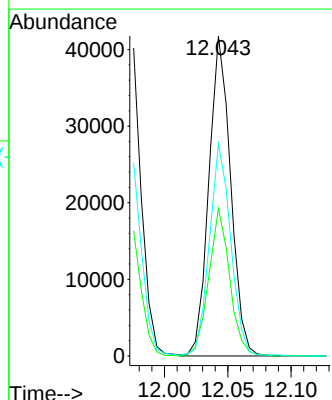
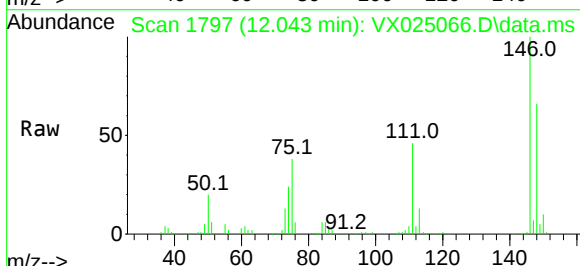
RT: 12.043 min Scan# 1797

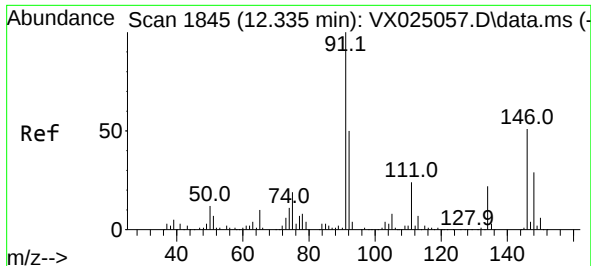
Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

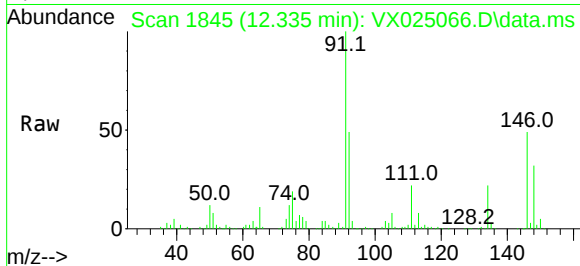
Tgt Ion:146 Resp: 49892
 Ion Ratio Lower Upper
 146 100
 111 44.7 18.9 56.9
 148 65.0 31.4 94.2





#85
n-Butylbenzene
Concen: 20.959 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

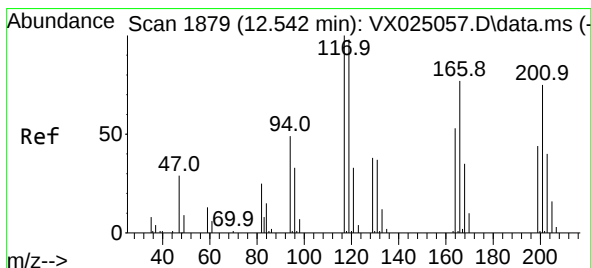
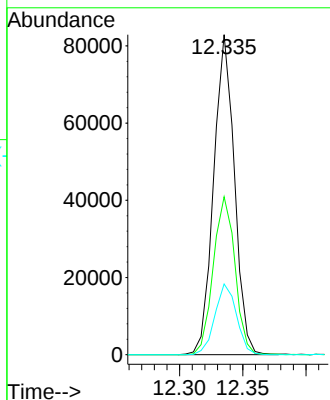
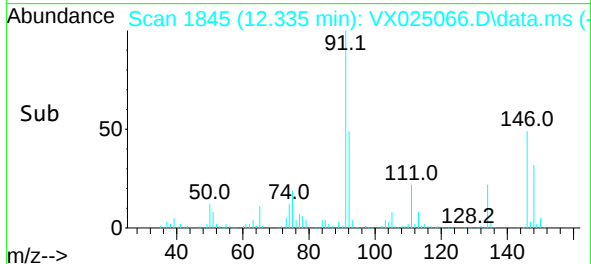
Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01



Tgt Ion: 91 Resp: 94518
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.4
134 23.0 0.0 52.4

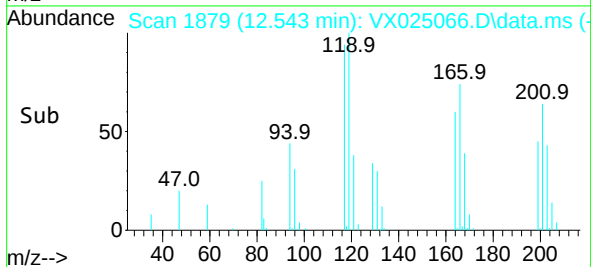
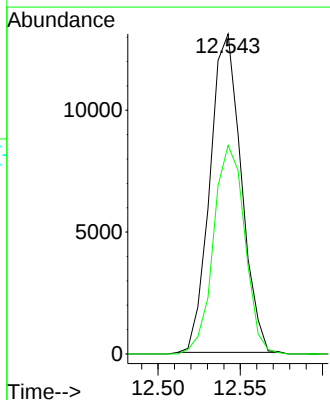
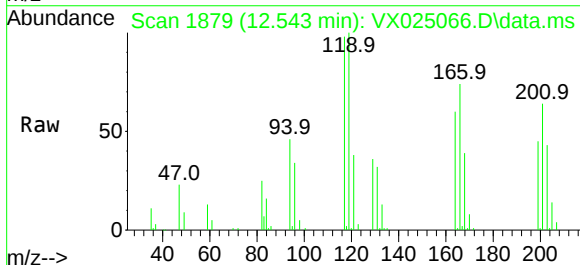
Manual Integrations
APPROVED

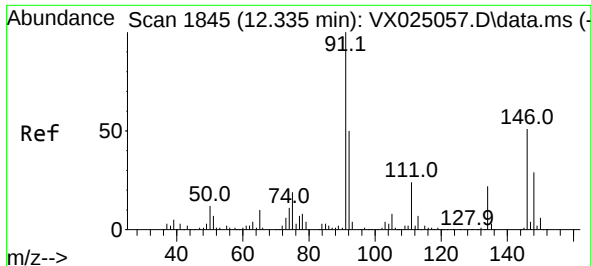
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#86
Hexachloroethane
Concen: 19.559 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion:117 Resp: 17242
Ion Ratio Lower Upper
117 100
201 65.5 37.5 112.5





#87

1,2-Dichlorobenzene

Concen: 21.978 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Instrument :

MSVOA_X

ClientSampleId :

VX1104WBS01

Tgt Ion:146 Resp: 5243

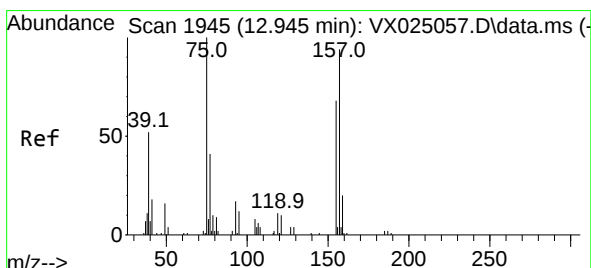
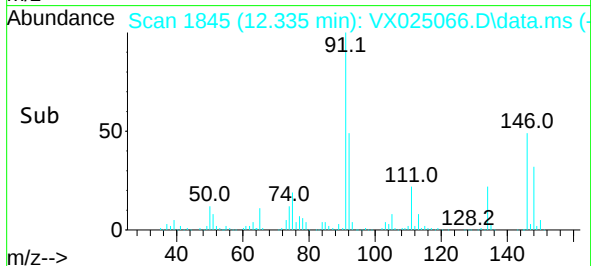
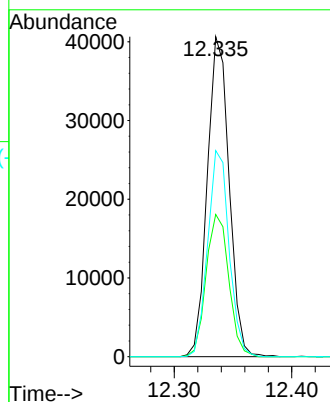
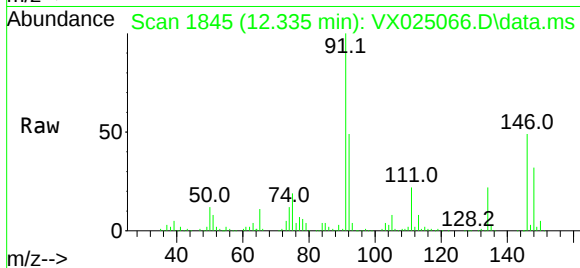
Ion	Ratio	Lower	Upper
146	100		
111	46.2	20.7	62.1
148	63.2	32.6	97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2021

Supervised By :Mahesh Dadoda 11/10/2021



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.057 ug/l

RT: 12.945 min Scan# 1945

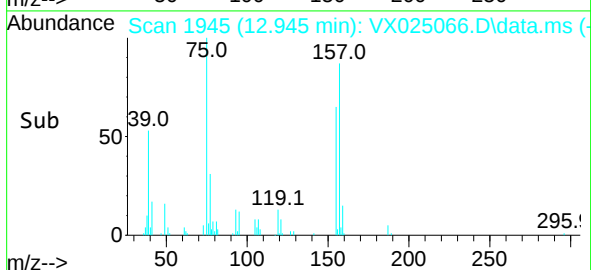
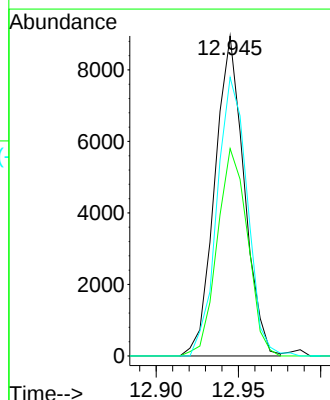
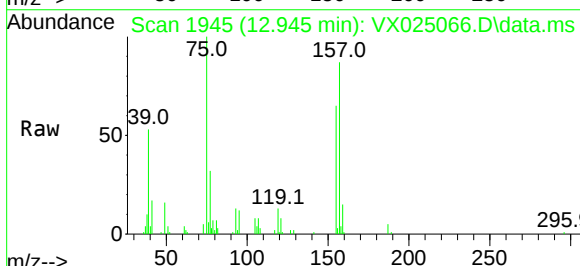
Delta R.T. 0.000 min

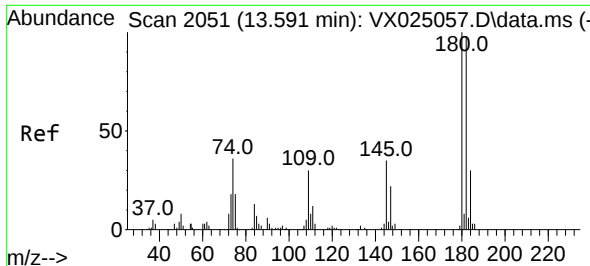
Lab File: VX025066.D

Acq: 03 Nov 2021 22:50

Tgt Ion: 75 Resp: 11087

Ion	Ratio	Lower	Upper
75	100		
155	67.0	67.4	101.2#
157	90.0	85.8	128.8





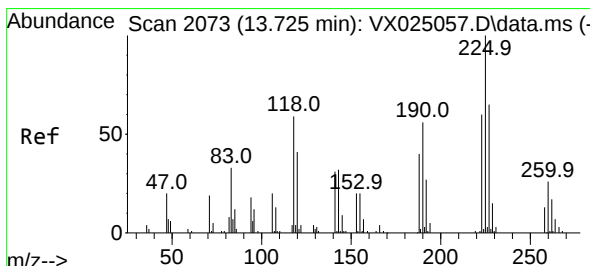
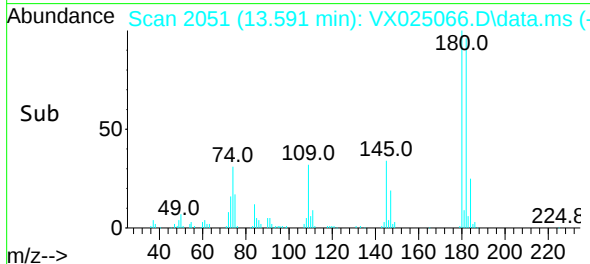
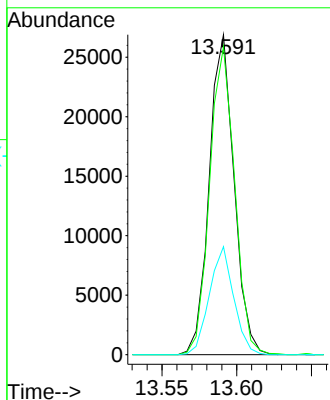
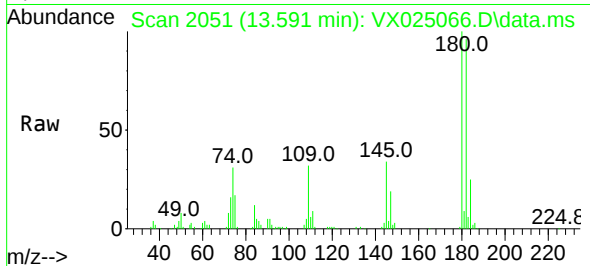
#89
1,2,4-Trichlorobenzene
Concen: 21.486 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:180 Resp: 31052
Ion Ratio Lower Upper
180 100
182 96.7 75.9 113.9
145 33.1 24.2 36.4

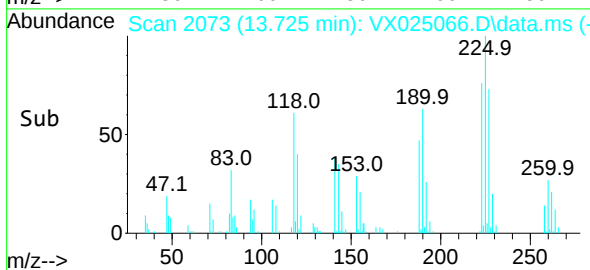
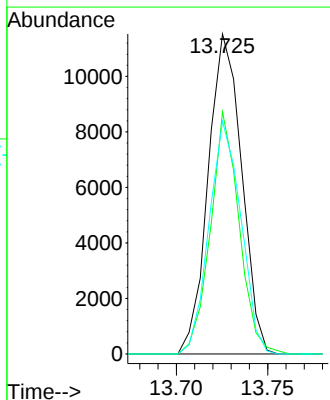
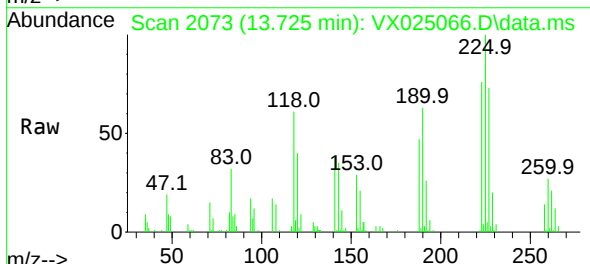
Manual Integrations
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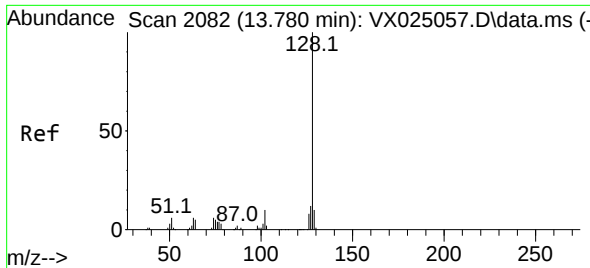
Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#90
Hexachlorobutadiene
Concen: 20.078 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion:225 Resp: 14661
Ion Ratio Lower Upper
225 100
223 65.1 0.0 126.4
227 69.5 0.0 125.0





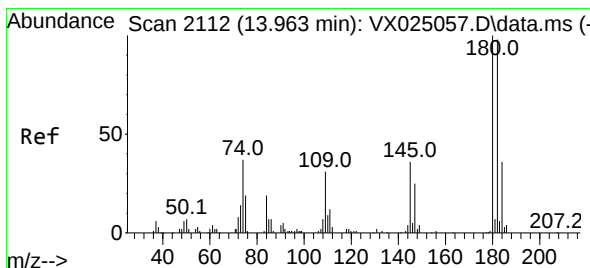
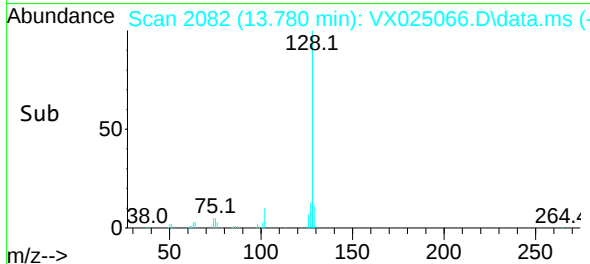
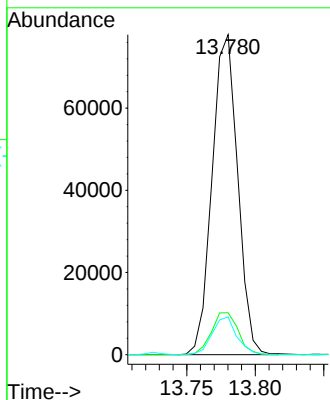
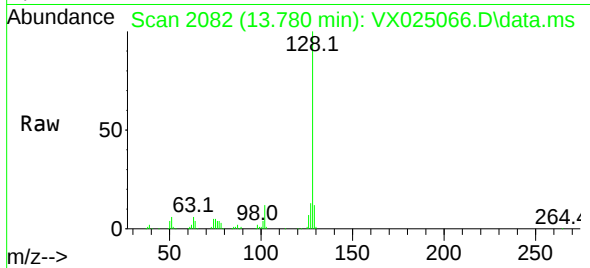
#91
Naphthalene
Concen: 20.457 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBS01

Tgt Ion:128 Resp: 101040
Ion Ratio Lower Upper
128 100
127 13.8 10.1 15.1
129 11.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2021
Supervised By :Mahesh Dadoda 11/10/2021



#92
1,2,3-Trichlorobenzene
Concen: 20.815 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX025066.D
Acq: 03 Nov 2021 22:50

Tgt Ion:180 Resp: 30683
Ion Ratio Lower Upper
180 100
182 95.9 0.0 193.4
145 36.5 0.0 64.4

