

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010423\
 Data File : VX033610.D
 Acq On : 04 Jan 2023 10:35
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	260975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113647	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	1337	0.933	ug/l	91
3) Chloromethane	1.294	50	1992	1.093	ug/l	97
4) Vinyl Chloride	1.374	62	1558	0.964	ug/l	97
6) Chloroethane	1.691	64	1018	1.093	ug/l #	86
7) Trichlorofluoromethane	1.886	101	2132	0.932	ug/l	97
8) Diethyl Ether	2.130	74	668	0.929	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	1082	0.895	ug/l	96
12) 1,1-Dichloroethene	2.325	96	1015	0.901	ug/l #	80
14) Allyl chloride	2.666	41	2574	0.919	ug/l	94
15) Acrylonitrile	3.069	53	4293	4.766	ug/l	97
16) Acetone	2.398	43	5310	6.793	ug/l	100
17) Carbon Disulfide	2.514	76	3986	1.077	ug/l #	92
18) Methyl Acetate	2.709	43	2803	0.998	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	4938	0.937	ug/l #	90
20) Methylene Chloride	2.782	84	3111	1.535	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	1539	0.929	ug/l	92
22) Diisopropyl ether	3.757	45	5243	0.929	ug/l #	68
23) Vinyl Acetate	3.721	43	19164	4.421	ug/l	98
24) 1,1-Dichloroethane	3.611	63	2986	0.978	ug/l	99
25) 2-Butanone	4.587	43	6851	5.179	ug/l	98
26) 2,2-Dichloropropane	4.465	77	1796	0.851	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	1837	0.956	ug/l	97
28) Bromochloromethane	4.904	49	1401	1.129	ug/l #	90
29) Tetrahydrofuran	5.032	42	4006	4.772	ug/l #	79
30) Chloroform	5.093	83	3071	0.984	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	2510	0.930	ug/l #	52
36) 1,1-Dichloropropene	5.690	75	2248	0.967	ug/l	96
37) Ethyl Acetate	4.715	43	3989	1.393	ug/l #	84
38) Carbon Tetrachloride	5.672	117	2387	0.971	ug/l #	86
39) Methylcyclohexane	7.385	83	2820	0.972	ug/l	92
40) Benzene	6.037	78	6532	0.962	ug/l	93
41) Methacrylonitrile	4.928	41	1191	0.844	ug/l #	74
42) 1,2-Dichloroethane	6.098	62	2478	0.979	ug/l	86
43) Isopropyl Acetate	6.336	43	3526	0.888	ug/l #	95
44) Trichloroethene	7.129	130	1922	0.992	ug/l	100
45) 1,2-Dichloropropane	7.427	63	1710	0.977	ug/l #	86

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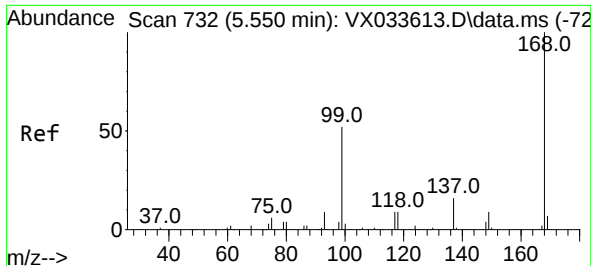
Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 04:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:12:17 2023
 Response via : Initial Calibration

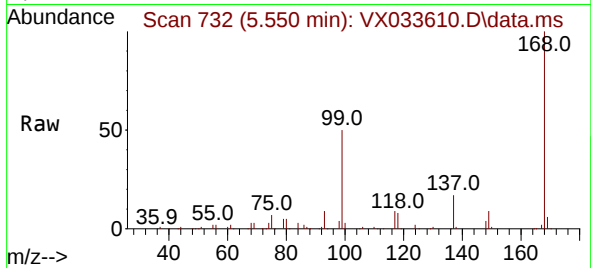
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1124	0.918	ug/l	94
47) Bromodichloromethane	7.824	83	2182	0.920	ug/l #	91
48) Methyl methacrylate	7.696	41	1681	0.836	ug/l	98
49) 1,4-Dioxane	7.745	88	827m	19.335	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	11503	4.575	ug/l	95
52) Toluene	8.714	92	4392	0.984	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	1729	0.730	ug/l #	85
54) cis-1,3-Dichloropropene	8.372	75	2086	0.794	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	1566	0.895	ug/l #	87
56) Ethyl methacrylate	9.116	69	2094	0.802	ug/l	94
57) 1,3-Dichloropropane	9.311	76	2759	0.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6488	4.885	ug/l	98
59) 2-Hexanone	9.433	43	8339	4.489	ug/l	95
60) Dibromochloromethane	9.519	129	1628	0.851	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1607	0.869	ug/l	99
64) Tetrachloroethene	9.269	164	1754	1.042	ug/l	92
65) Chlorobenzene	10.079	112	4870	1.040	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1581	0.903	ug/l #	66
67) Ethyl Benzene	10.195	91	7678	0.940	ug/l	97
68) m/p-Xylenes	10.299	106	6034	1.892	ug/l	94
69) o-Xylene	10.640	106	3033	0.959	ug/l	98
70) Styrene	10.653	104	4768	0.918	ug/l	98
71) Bromoform	10.805	173	1225	0.874	ug/l #	97
73) Isopropylbenzene	10.963	105	7678	0.957	ug/l	99
74) N-amyl acetate	10.842	43	2676	0.823	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	2594	1.037	ug/l	92
76) 1,2,3-Trichloropropane	11.238	75	2030m	0.975	ug/l	
77) Bromobenzene	11.201	156	2164	1.019	ug/l	97
78) n-propylbenzene	11.305	91	8493	0.933	ug/l	98
79) 2-Chlorotoluene	11.366	91	5427	0.993	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	6067	0.918	ug/l	97
82) 4-Chlorotoluene	11.457	91	6243	0.988	ug/l	96
83) tert-Butylbenzene	11.713	119	6436	0.934	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	6156	0.928	ug/l	99
85) sec-Butylbenzene	11.890	105	7354	0.903	ug/l	99
86) p-Isopropyltoluene	12.006	119	6151	0.884	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	4063	1.063	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	4103m	1.097	ug/l	
89) n-Butylbenzene	12.335	91	5324	0.915	ug/l	99
90) Hexachloroethane	12.536	117	1113	0.991	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	3765	1.030	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	421	0.905	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	1692	0.770	ug/l	90
94) Hexachlorobutadiene	13.725	225	908	0.813	ug/l	99
95) Naphthalene	13.774	128	4773	0.700	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1617	0.725	ug/l	95

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

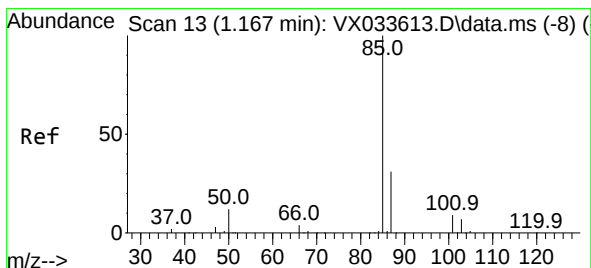
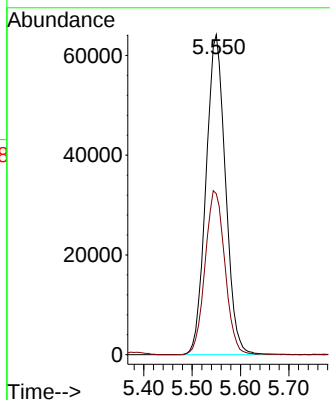
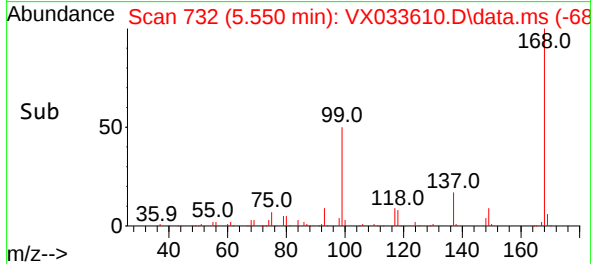
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 17957
Ion Ratio Lower Upper
168 100
99 50.3 41.4 62.2

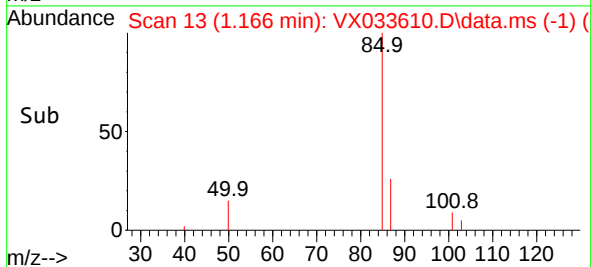
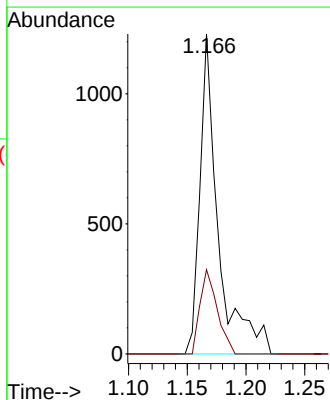
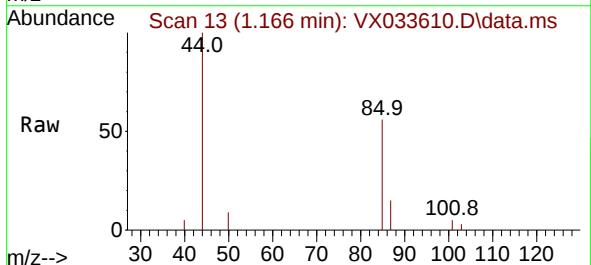
Manual Integrations
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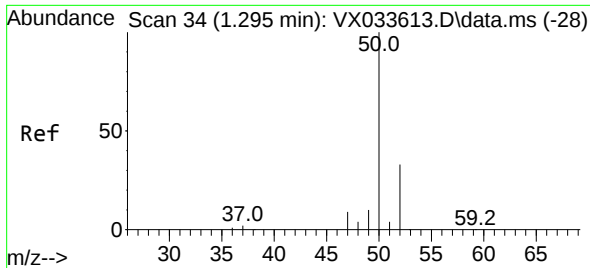
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#2
Dichlorodifluoromethane
Concen: 0.933 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Tgt Ion: 85 Resp: 1337
Ion Ratio Lower Upper
85 100
87 26.3 15.7 47.0





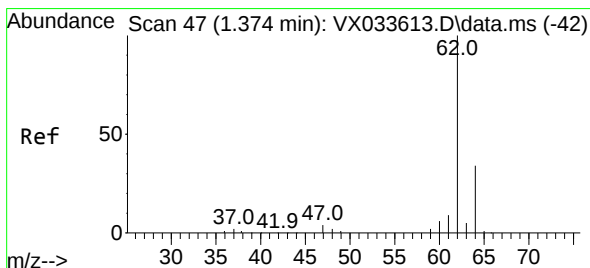
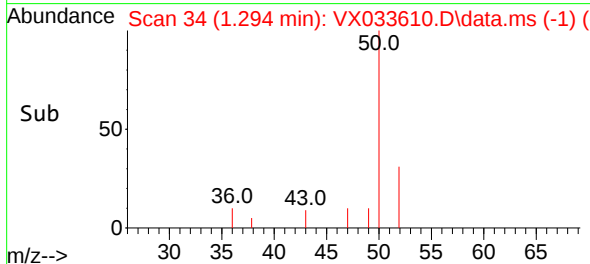
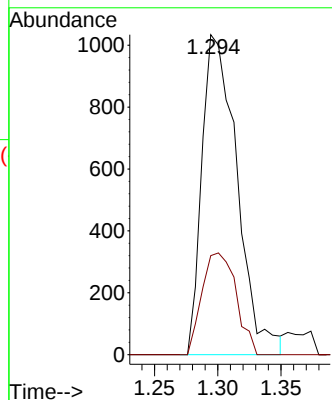
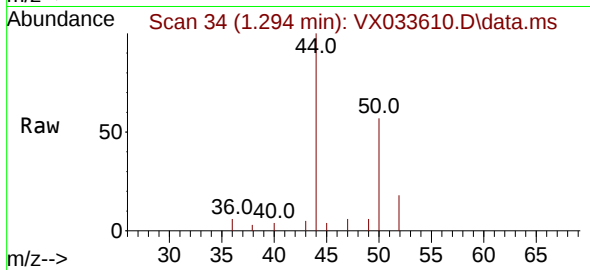
#3
Chloromethane
Concen: 1.093 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 1992
Ion Ratio Lower Upper
50 100
52 30.9 26.1 39.1

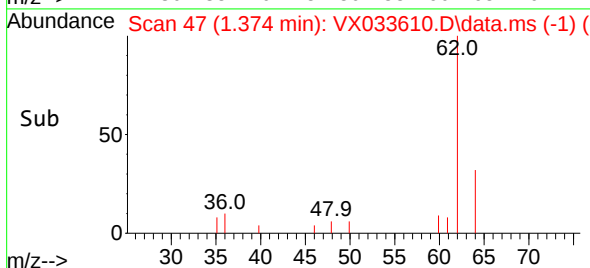
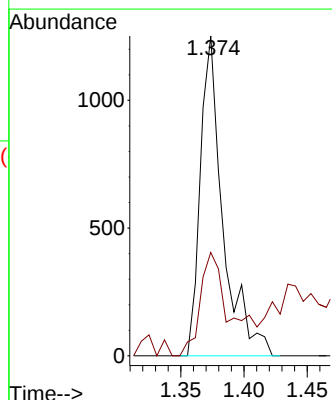
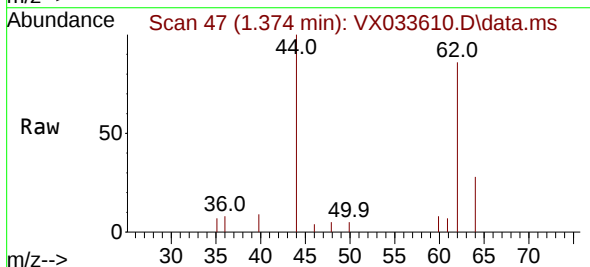
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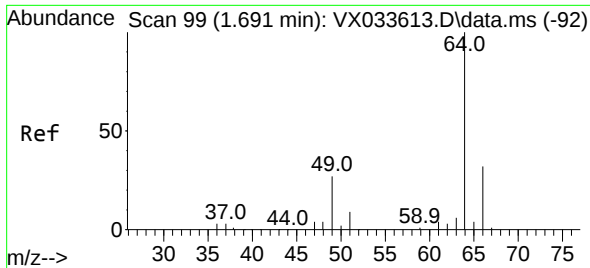
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#4
Vinyl Chloride
Concen: 0.964 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

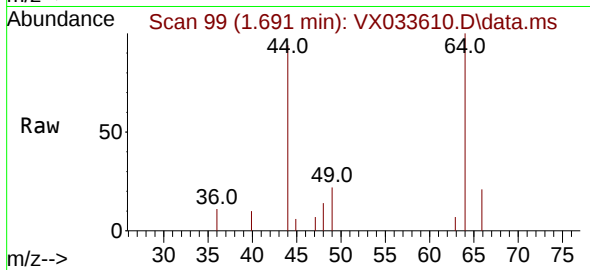
Tgt Ion: 62 Resp: 1558
Ion Ratio Lower Upper
62 100
64 32.3 27.2 40.8





#6
 Chloroethane
 Concen: 1.093 ug/l
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

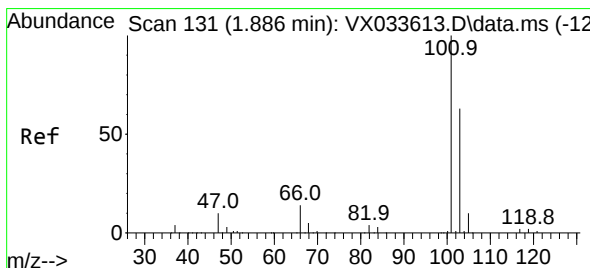
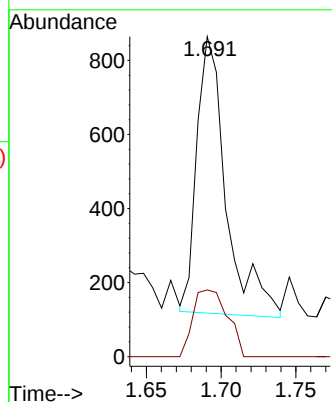
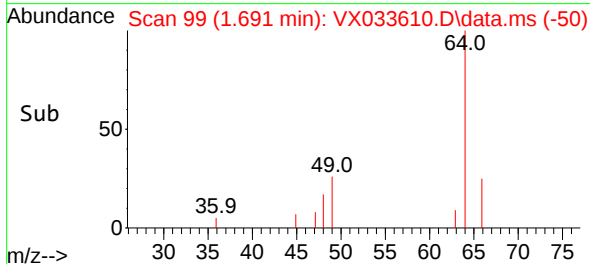
Instrument :
 MSVOA_X
 Client Sample Id :
 VSTDIC001



Tgt Ion: 64 Resp: 1018
 Ion Ratio Lower Upper
 64 100
 66 24.4 25.7 38.5

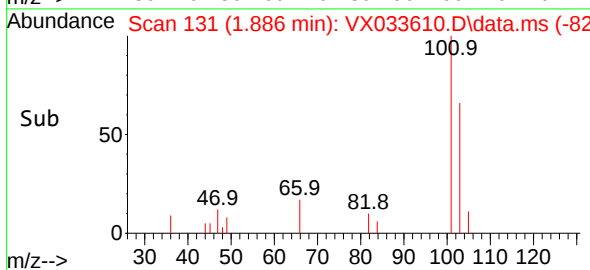
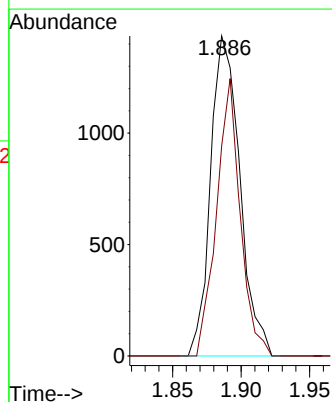
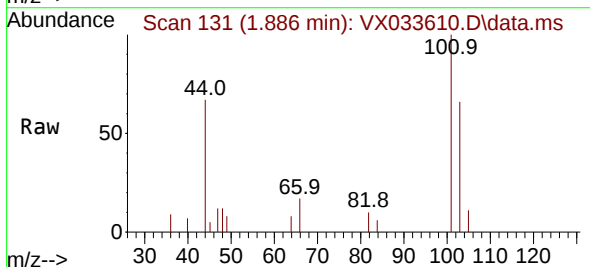
Manual Integrations
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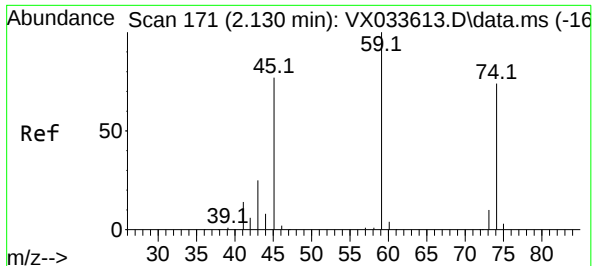
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#7
 Trichlorofluoromethane
 Concen: 0.932 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

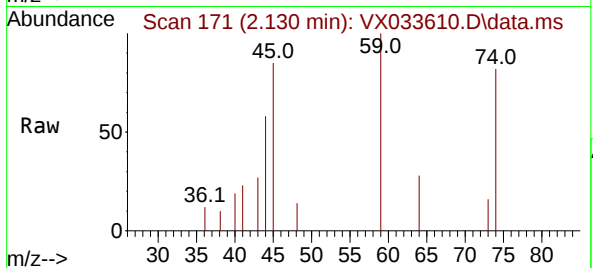
Tgt Ion:101 Resp: 2132
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 75.8





#8
Diethyl Ether
Concen: 0.929 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

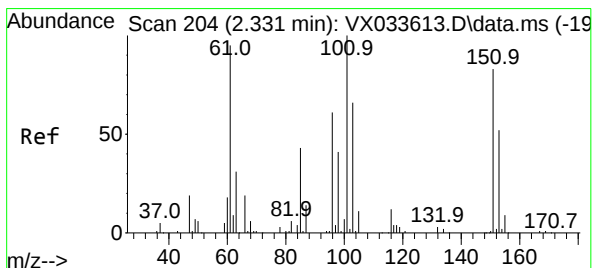
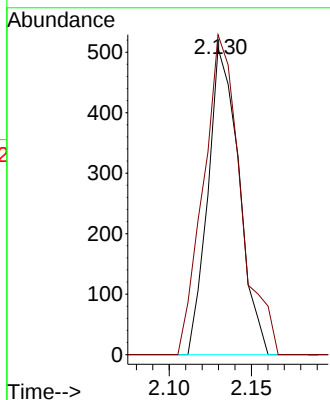
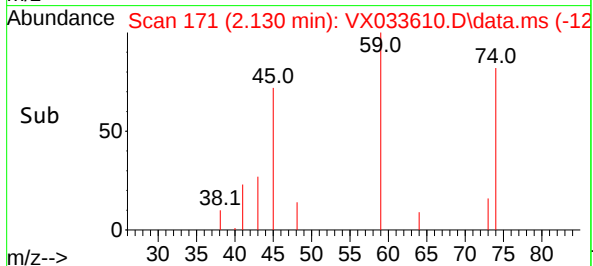
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



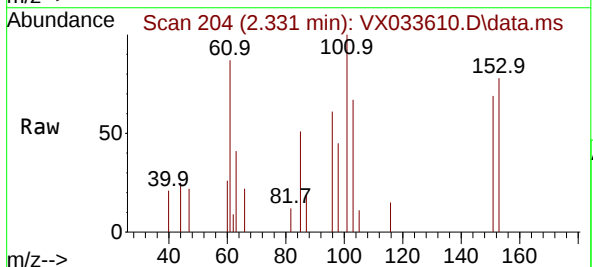
Tgt Ion: 74 Resp: 668
Ion Ratio Lower Upper
74 100
45 124.3 50.1 150.4

Manual Integrations
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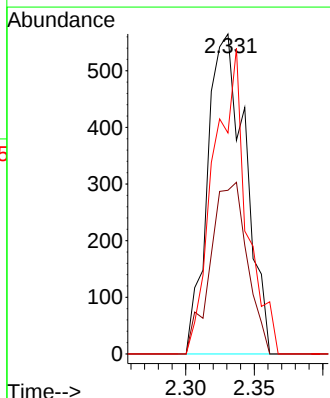
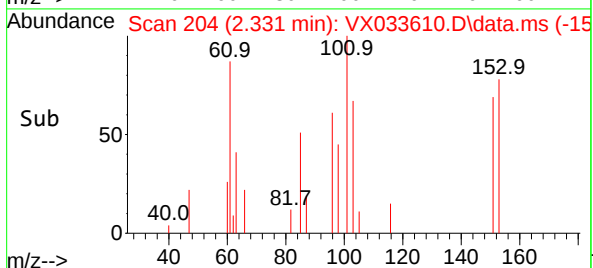
Reviewed By :John Carlone 01/05/2023
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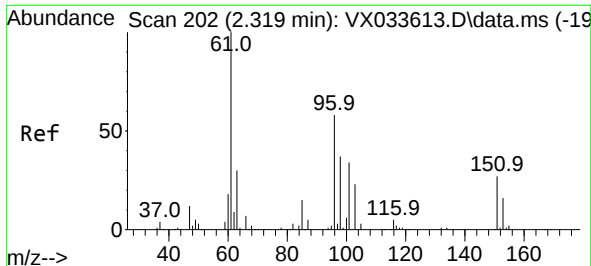


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.895 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:101 Resp: 1082
Ion Ratio Lower Upper
101 100
85 52.2 35.7 53.5
151 83.2 66.7 100.1





#12

1,1-Dichloroethene

Concen: 0.901 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

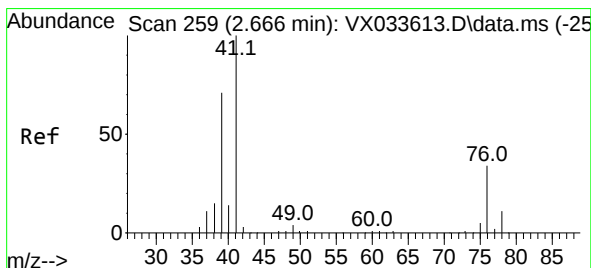
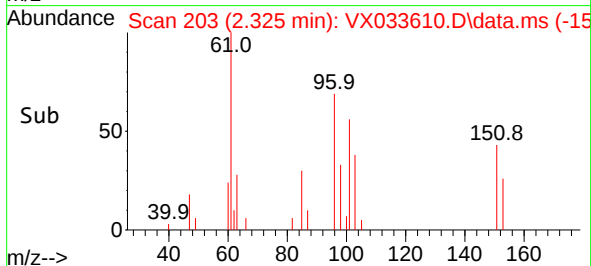
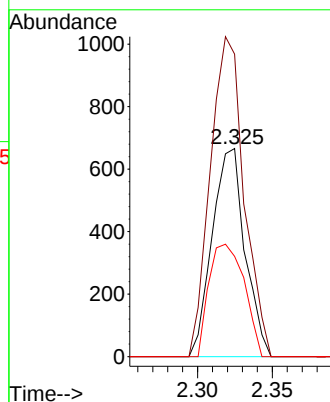
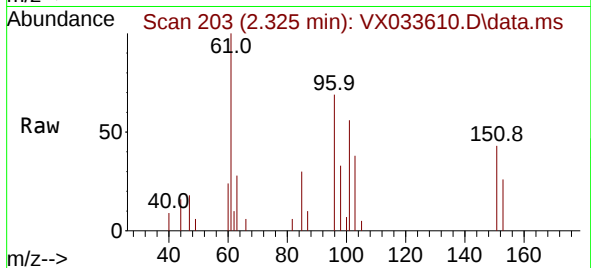
Tgt Ion:	96	Resp:	101
Ion	Ratio	Lower	Upper
96	100		
61	145.3	139.1	208.7
98	48.2	50.8	76.2

Manual Integrations

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Supervised By :Mahesh Dadoda 01/05/2023



#14

Allyl chloride

Concen: 0.919 ug/l

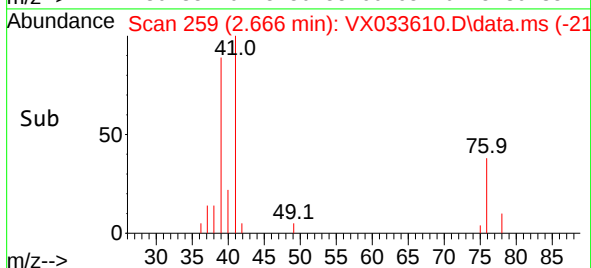
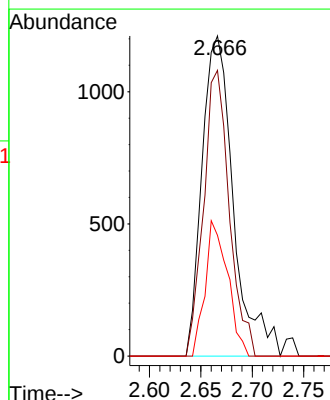
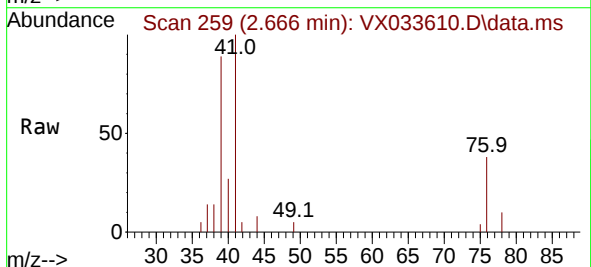
RT: 2.666 min Scan# 259

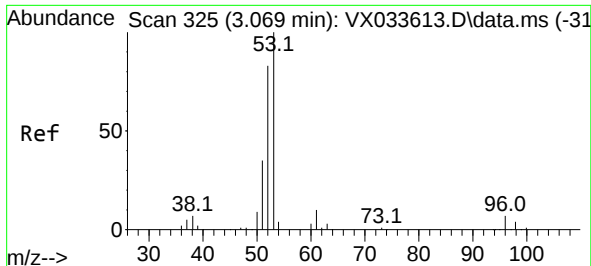
Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

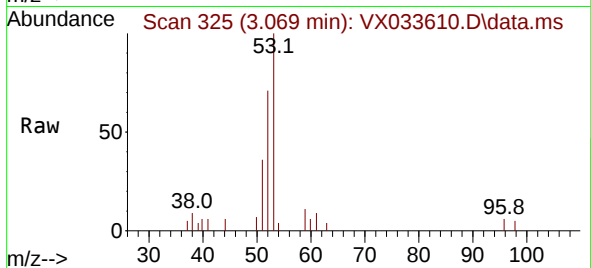
Tgt Ion:	41	Resp:	2574
Ion	Ratio	Lower	Upper
41	100		
39	73.1	53.3	79.9
76	30.3	25.0	37.4





#15
Acrylonitrile
Concen: 4.766 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

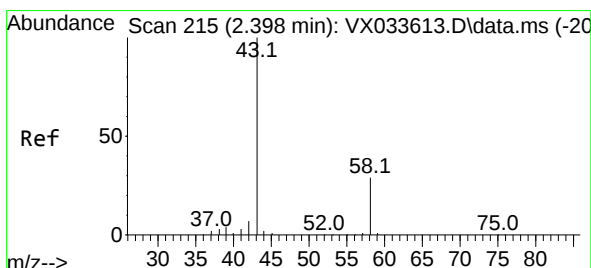
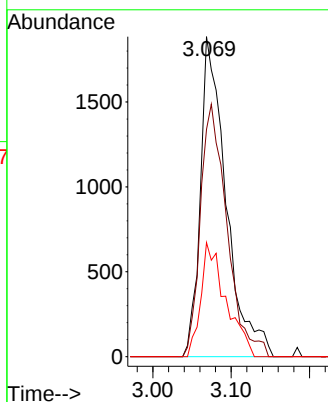
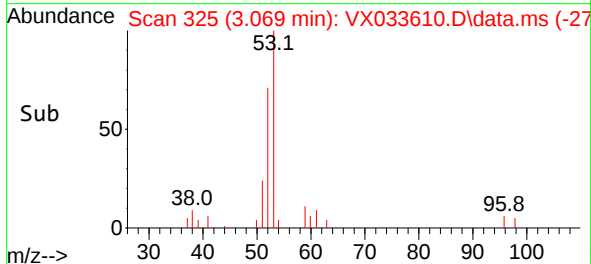
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



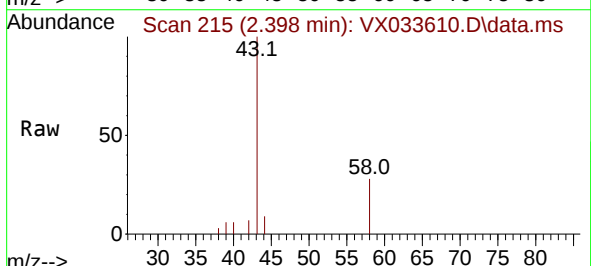
Tgt Ion: 53 Resp: 429
Ion Ratio Lower Upper
53 100
52 81.4 66.7 100.1
51 34.5 29.8 44.8

Manual Integrations
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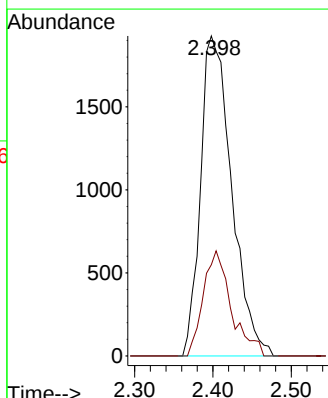
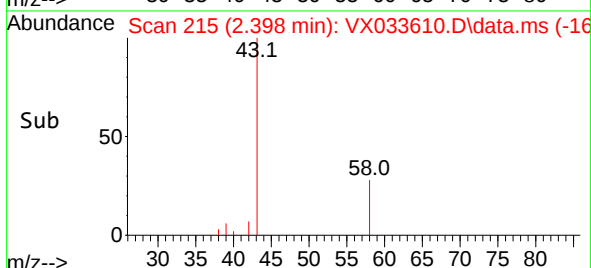
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

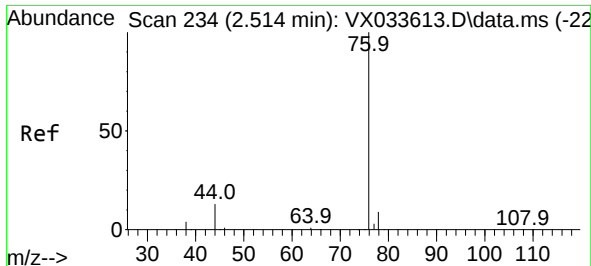


#16
Acetone
Concen: 6.793 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion: 43 Resp: 5310
Ion Ratio Lower Upper
43 100
58 28.5 22.9 34.3





#17

Carbon Disulfide

Concen: 1.077 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 3980

Ion Ratio Lower Upper

76 100

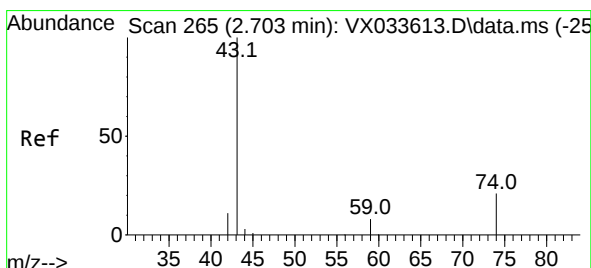
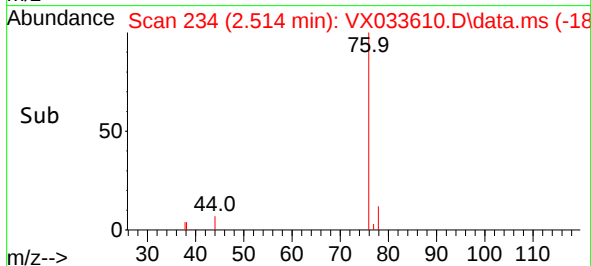
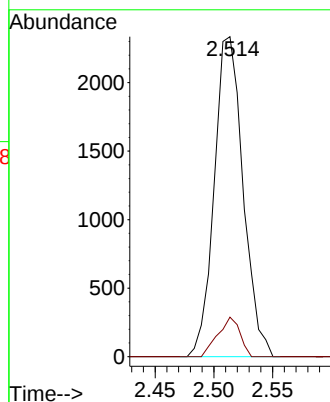
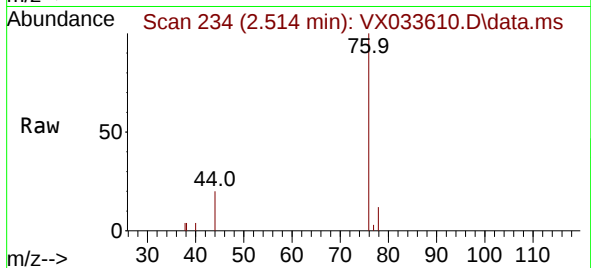
78 12.3 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#18

Methyl Acetate

Concen: 0.998 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX033610.D

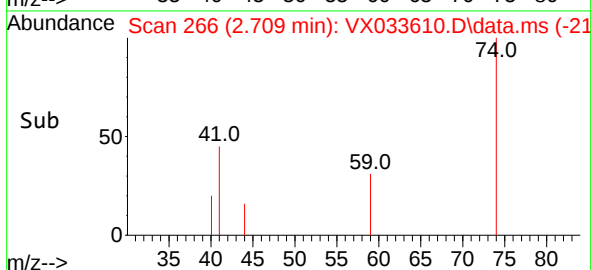
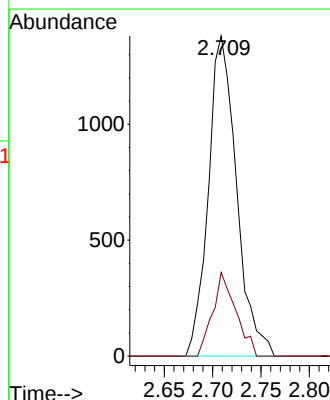
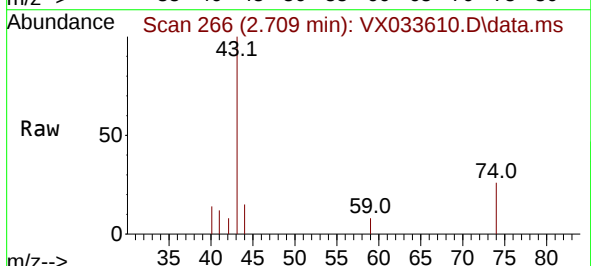
Acq: 04 Jan 2023 10:35

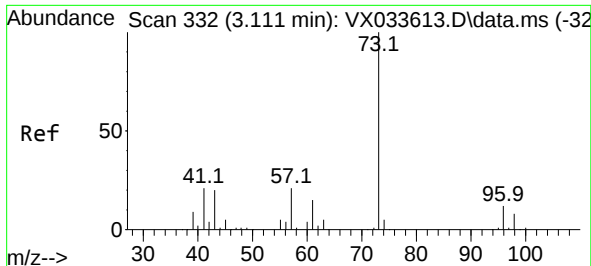
Tgt Ion: 43 Resp: 2803

Ion Ratio Lower Upper

43 100

74 21.5 17.9 26.9





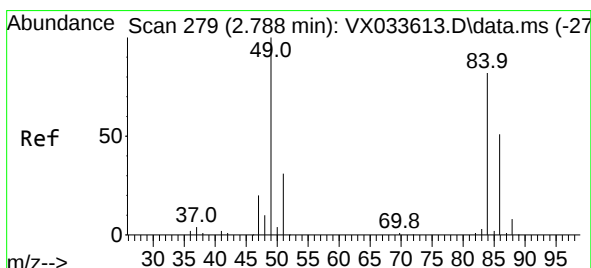
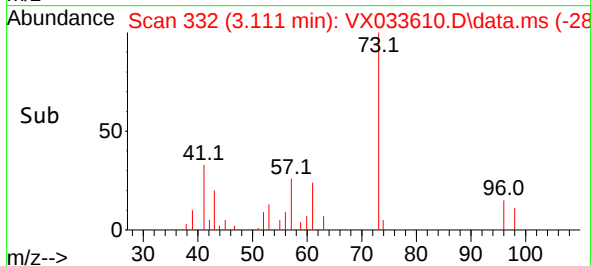
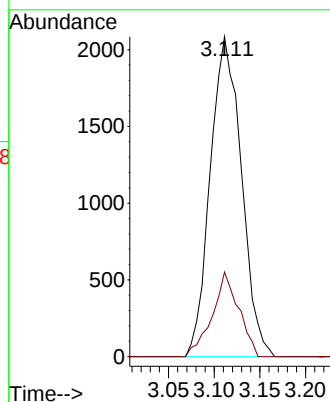
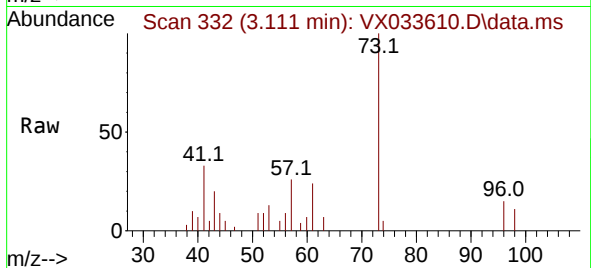
#19
Methyl tert-butyl Ether
Concen: 0.937 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 4938
Ion Ratio Lower Upper
73 100
57 26.4 17.4 26.2

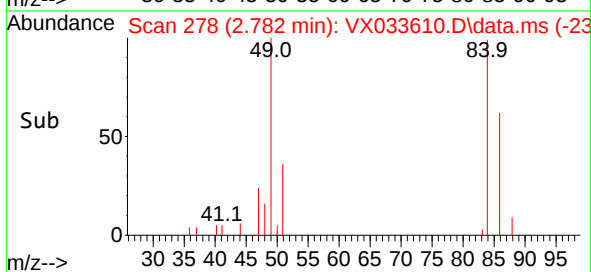
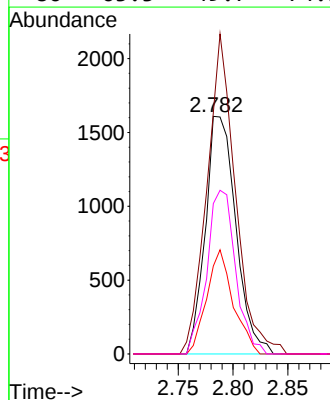
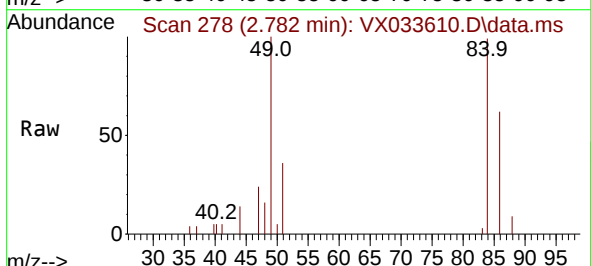
Manual Integrations
APPROVED

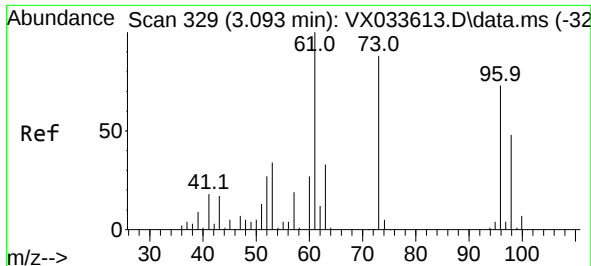
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#20
Methylene Chloride
Concen: 1.535 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

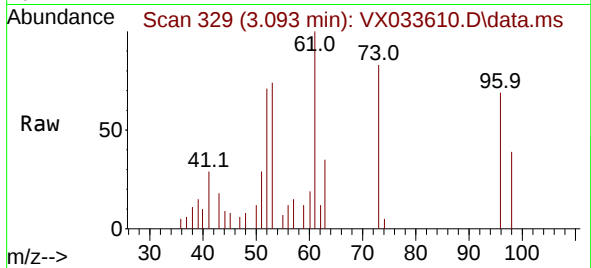
Tgt Ion: 84 Resp: 3111
Ion Ratio Lower Upper
84 100
49 101.5 97.6 146.4
51 37.0 30.4 45.6
86 63.3 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 0.929 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

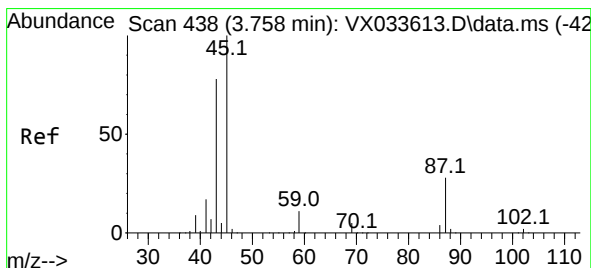
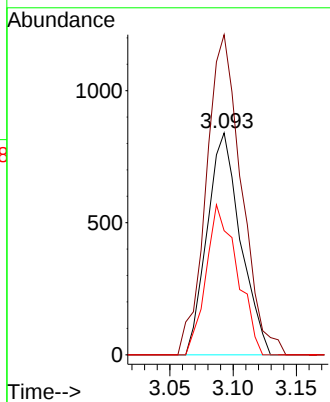
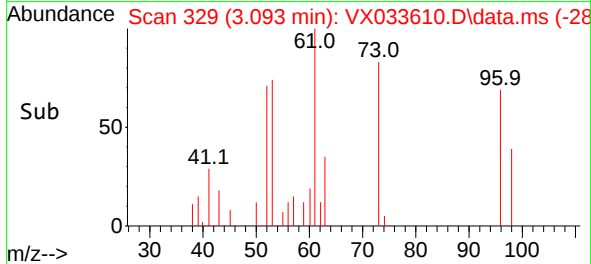
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



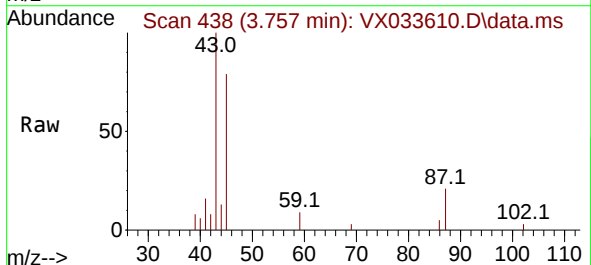
Tgt Ion: 96 Resp: 1539
Ion Ratio Lower Upper
96 100
61 144.3 109.7 164.5
98 56.0 52.2 78.2

Manual Integrations
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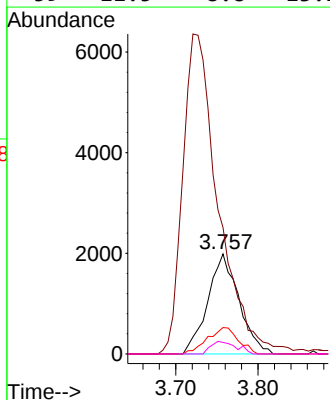
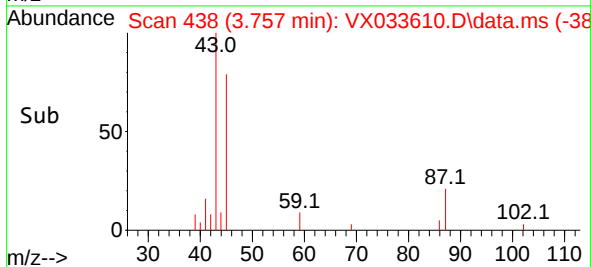
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

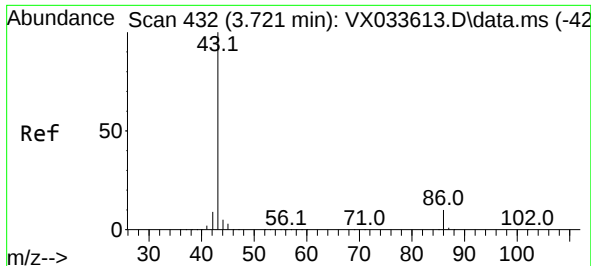


#22
Diisopropyl ether
Concen: 0.929 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion: 45 Resp: 5243
Ion Ratio Lower Upper
45 100
43 119.1 62.6 93.8#
87 26.5 22.1 33.1
59 11.5 8.8 13.2





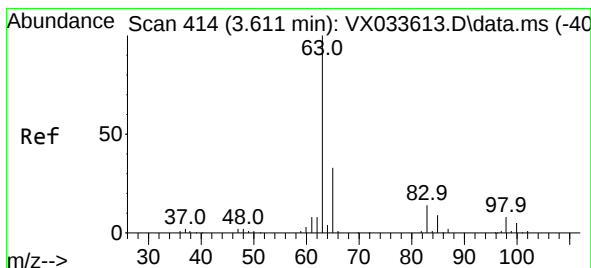
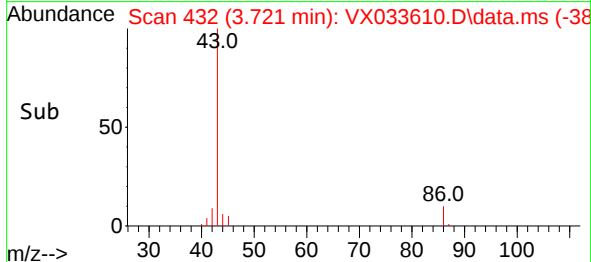
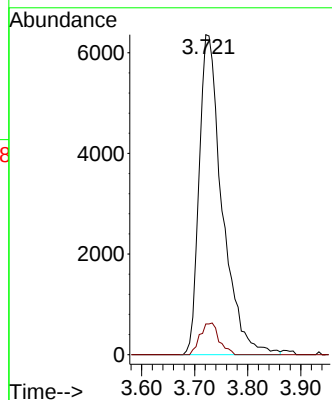
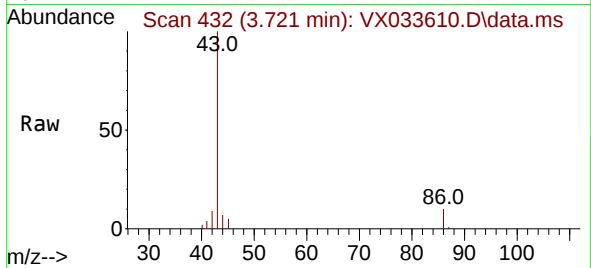
#23
 Vinyl Acetate
 Concen: 4.421 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Tgt Ion: 43 Resp: 1916
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.3 12.5

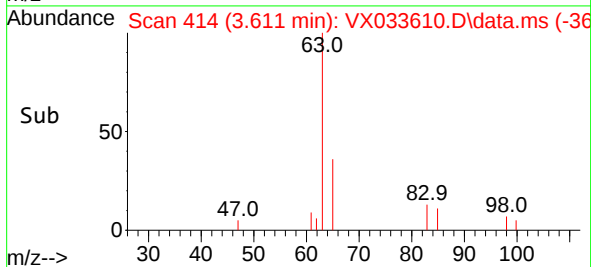
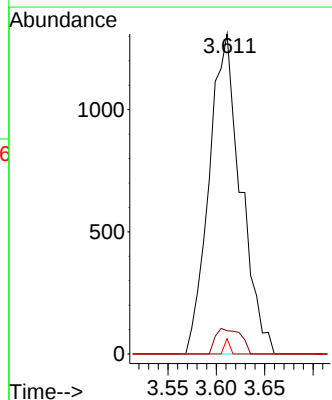
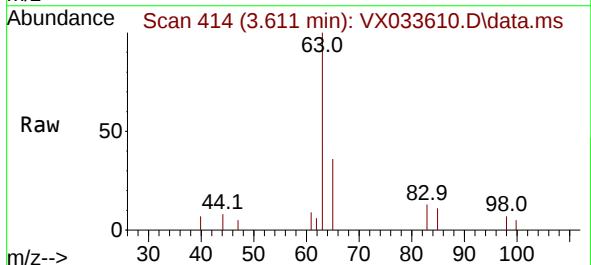
Manual Integrations
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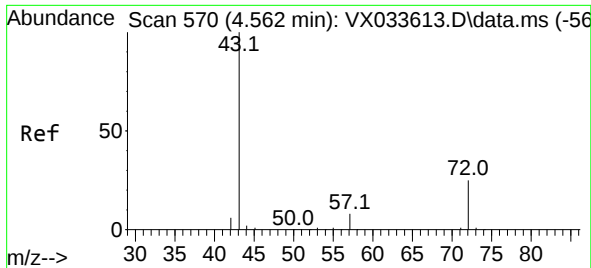
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#24
 1,1-Dichloroethane
 Concen: 0.978 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

Tgt Ion: 63 Resp: 2986
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.8 2.5 7.6





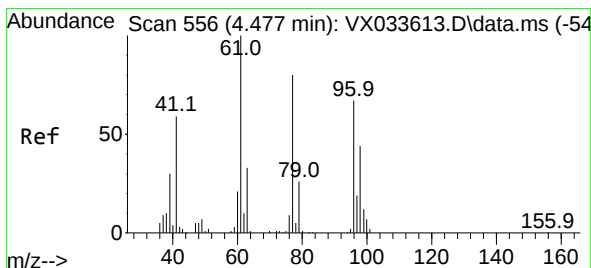
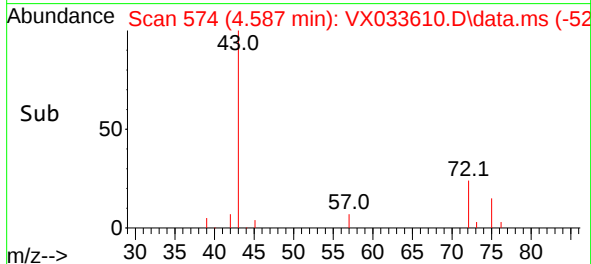
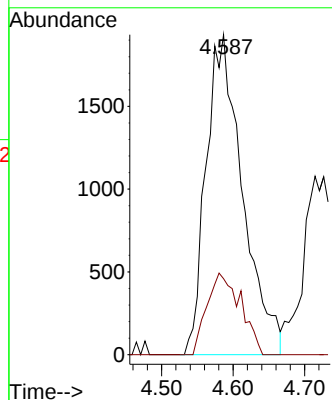
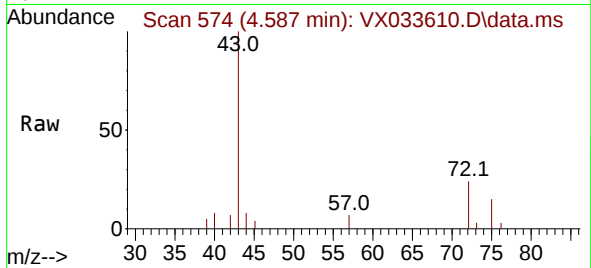
#25
2-Butanone
Concen: 5.179 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
72 23.7 19.8 29.6

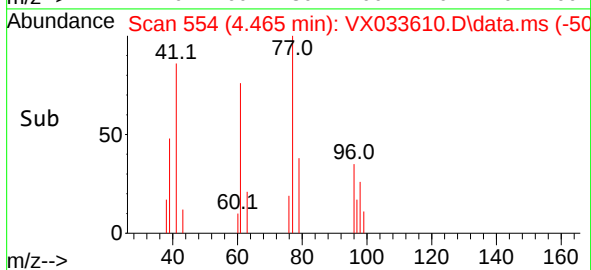
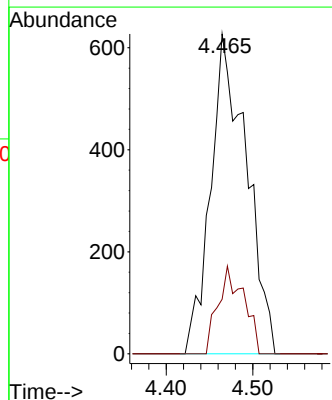
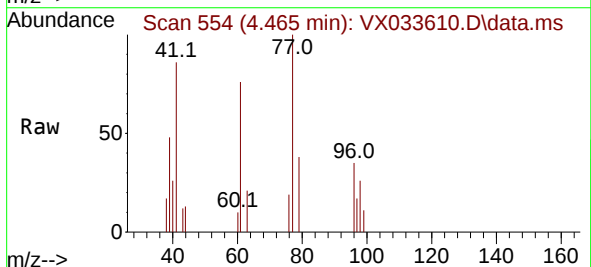
Manual Integrations
APPROVED

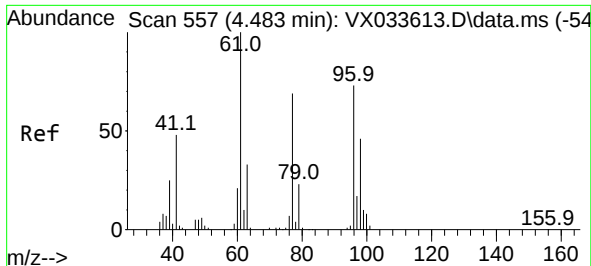
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#26
2,2-Dichloropropane
Concen: 0.851 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Tgt Ion: 77 Resp: 1796
Ion Ratio Lower Upper
77 100
97 19.7 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 0.956 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 183

Ion Ratio Lower Upper

96 100

61 143.6 0.0 283.8

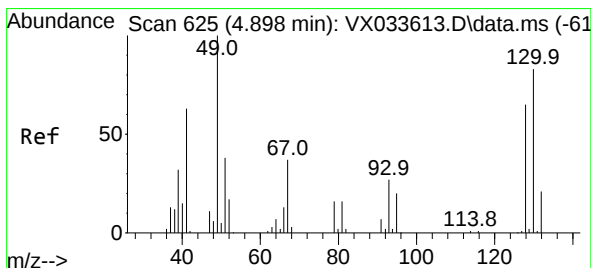
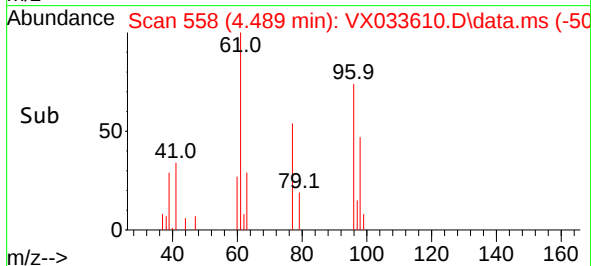
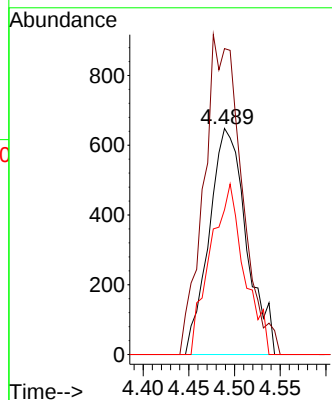
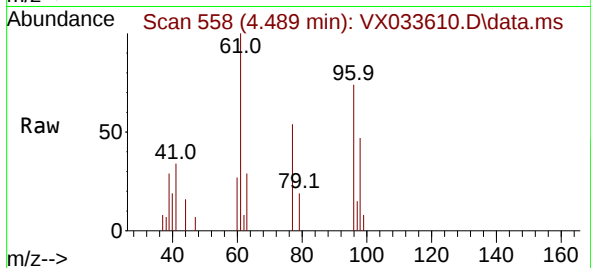
98 69.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#28

Bromochloromethane

Concen: 1.129 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

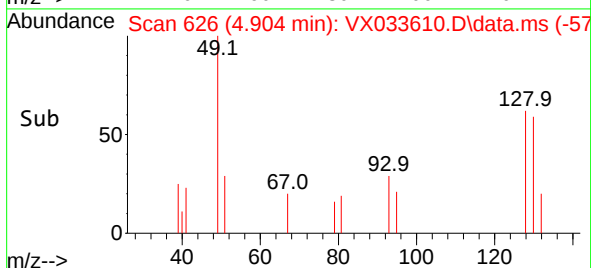
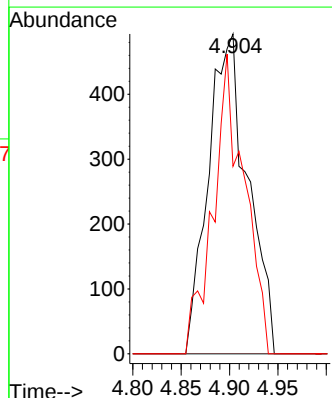
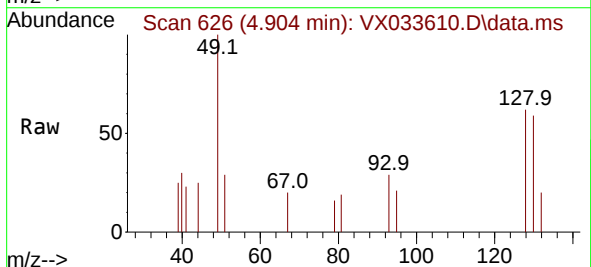
Tgt Ion: 49 Resp: 1401

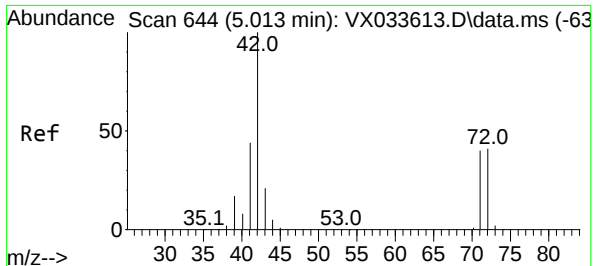
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 73.9 66.6 100.0





#29

Tetrahydrofuran

Concen: 4.772 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

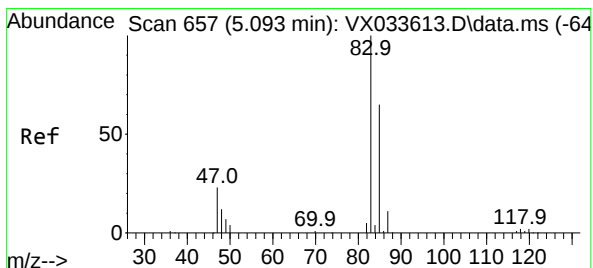
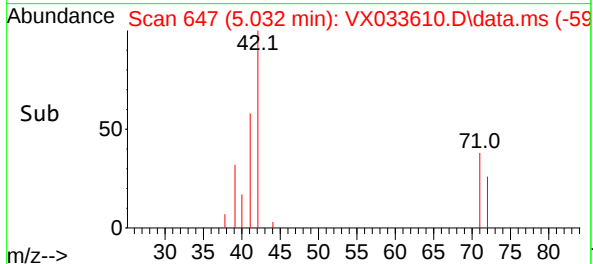
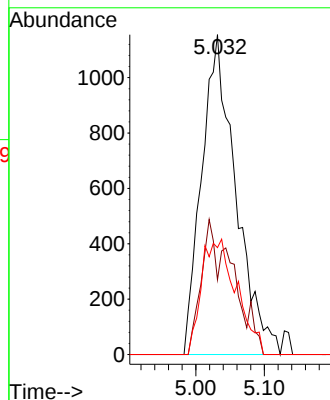
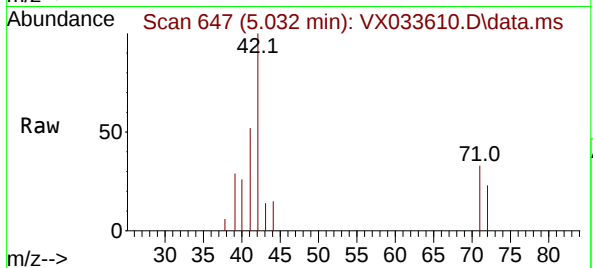
Tgt Ion: 42	Resp: 4000
Ion Ratio	Lower Upper
42	100
72	18.8 34.2 51.4
71	36.8 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#30

Chloroform

Concen: 0.984 ug/l

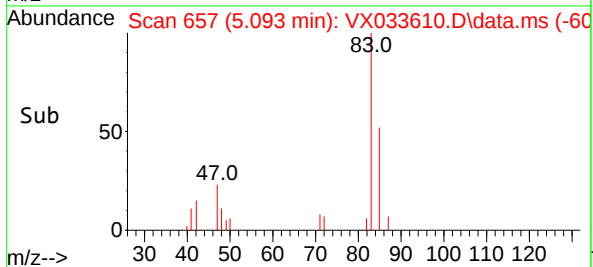
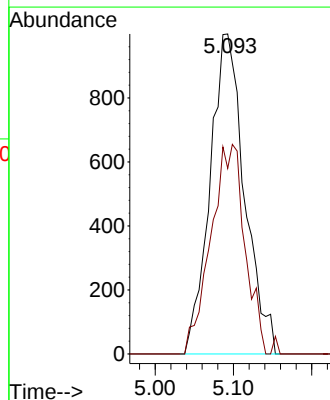
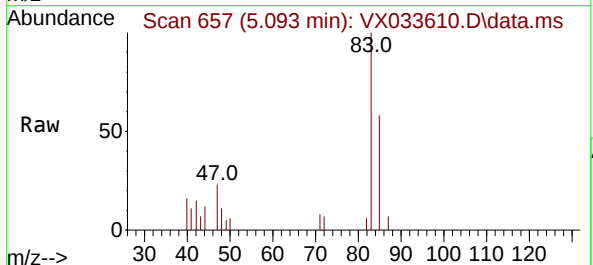
RT: 5.093 min Scan# 657

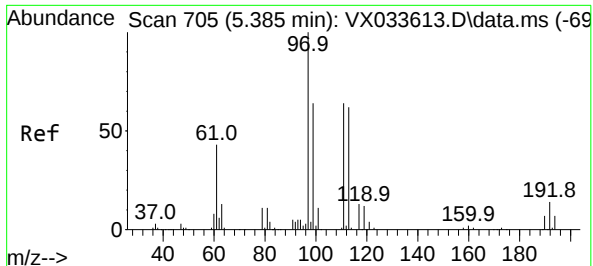
Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Tgt Ion: 83	Resp: 3071
Ion Ratio	Lower Upper
83	100
85	58.0 52.2 78.2





#32

1,1,1-Trichloroethane

Concen: 0.930 ug/l

RT: 5.373 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

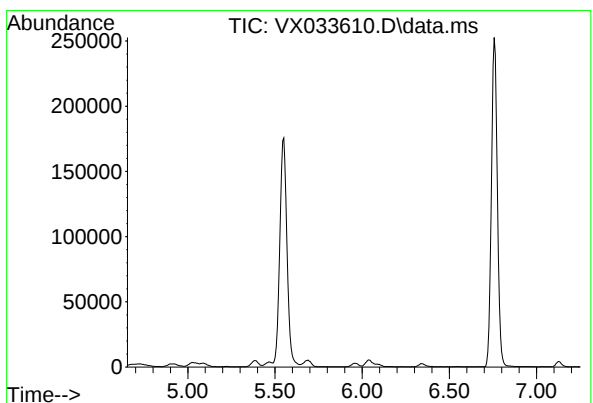
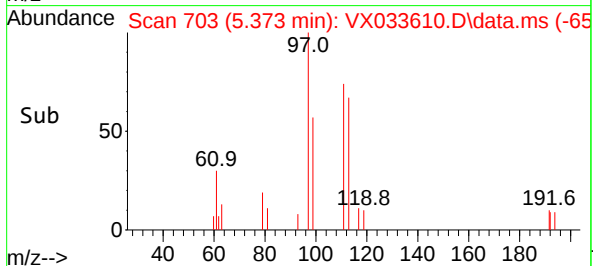
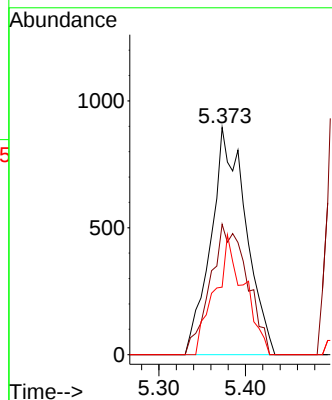
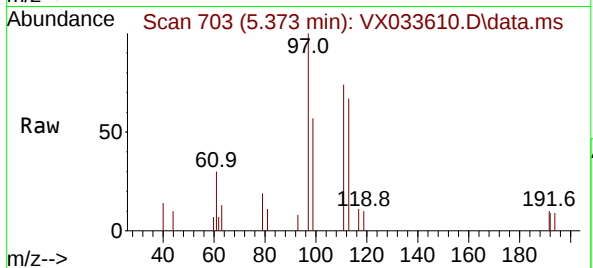
Tgt Ion: 97	Resp: 2510
Ion Ratio	Lower Upper
97	100
99	0.0 51.0 76.6
61	44.2 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.95 min

Lab File: VX033610.D

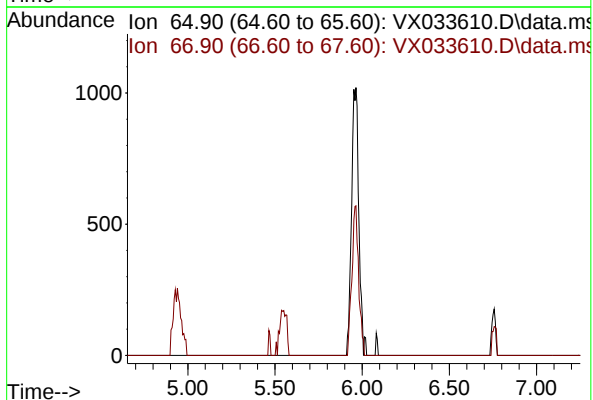
Acq: 04 Jan 2023 10:35

Tgt Ion: 65

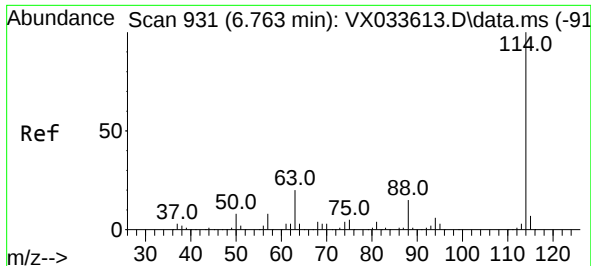
Sig Exp Ratio

65 100

67 52.4



Ion 66.90 (66.60 to 67.60): VX033610.D\data.ms



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 26097

Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

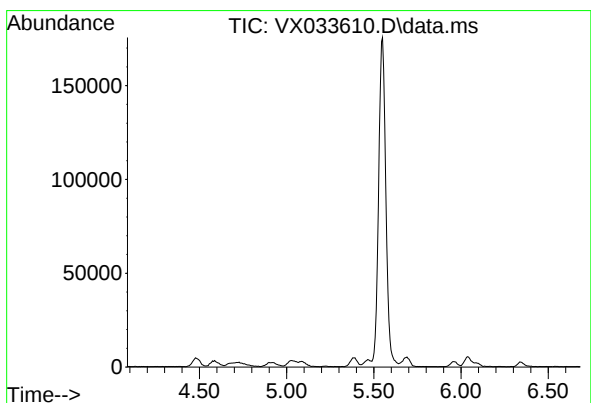
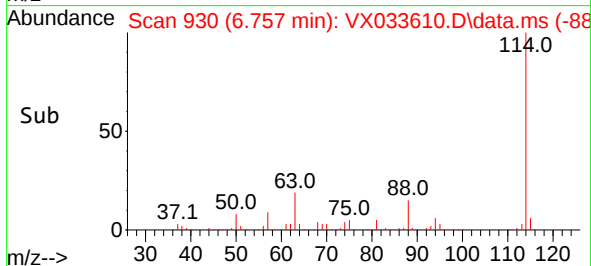
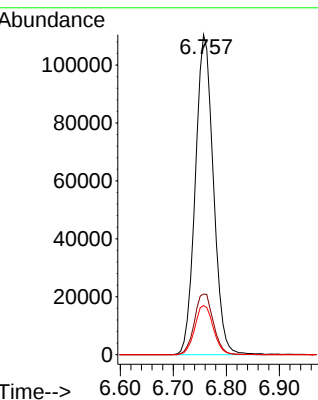
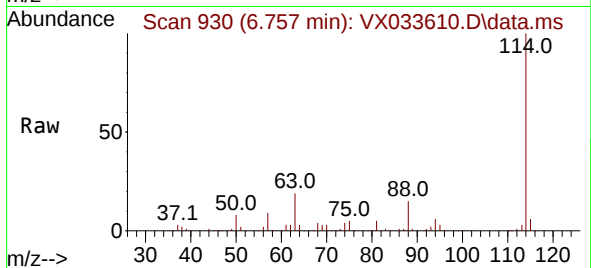
88 15.4 0.0 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

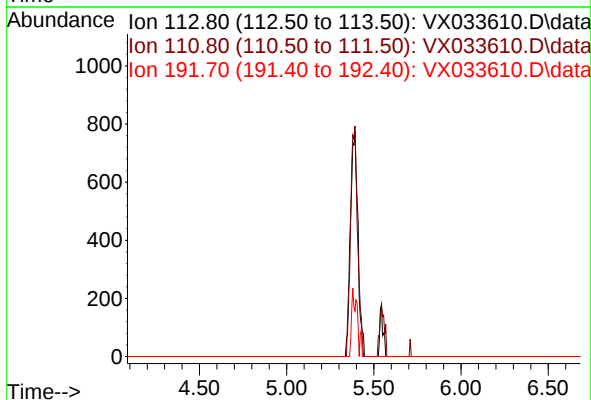
Tgt Ion: 113

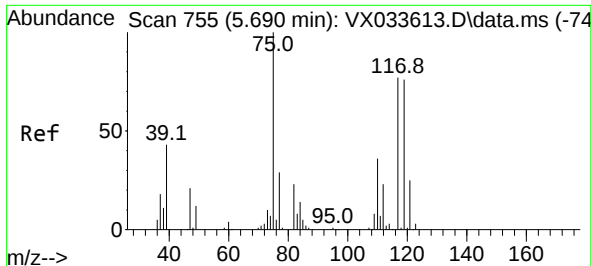
Sig Exp Ratio

113 100

111 101.5

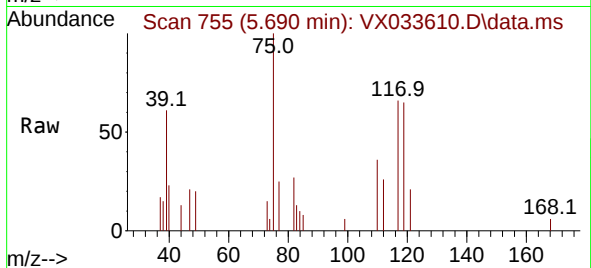
192 22.7





#36
1,1-Dichloropropene
Concen: 0.967 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

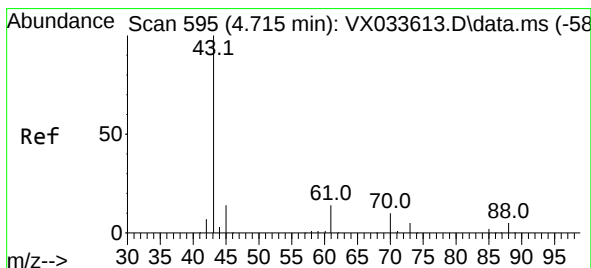
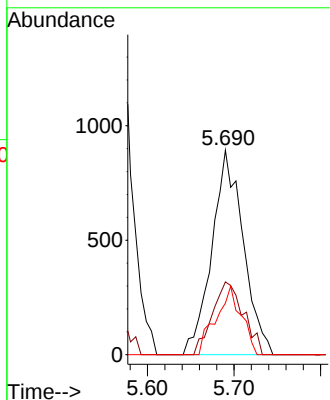
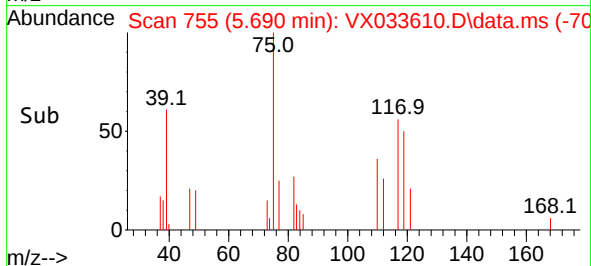
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
110 35.2 18.0 54.0
77 26.9 24.5 36.7

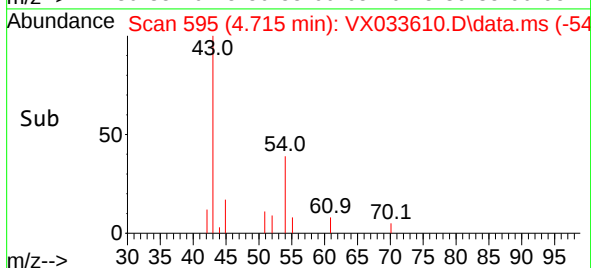
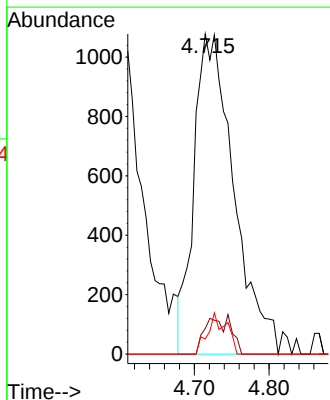
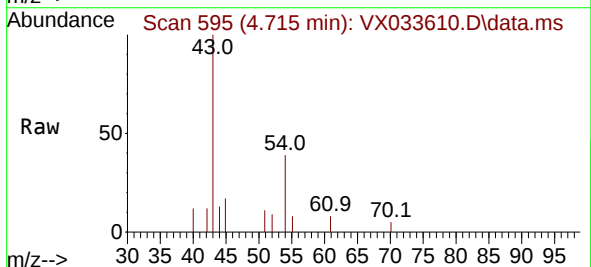
Manual Integrations
APPROVED

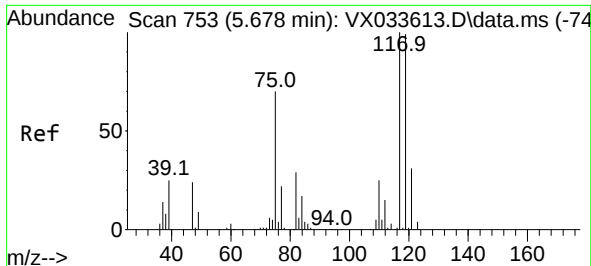
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#37
Ethyl Acetate
Concen: 1.393 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

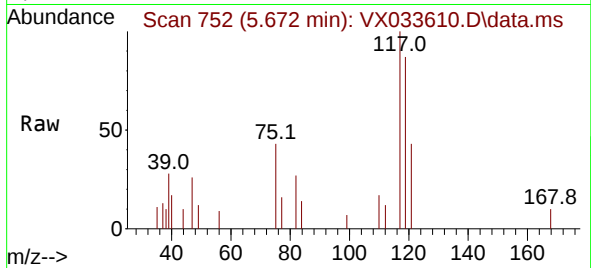
Tgt Ion: 43 Resp: 3989
Ion Ratio Lower Upper
43 100
61 5.2 10.6 16.0#
70 6.1 8.1 12.1#





#38
Carbon Tetrachloride
Concen: 0.971 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

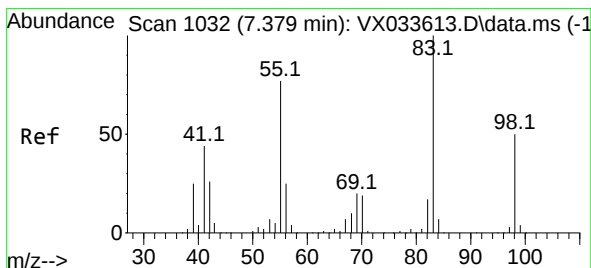
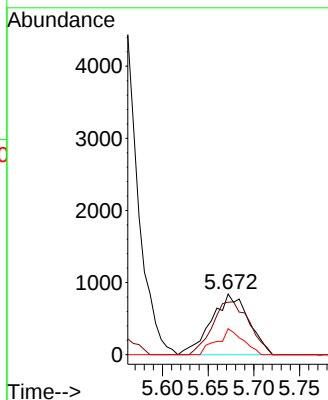
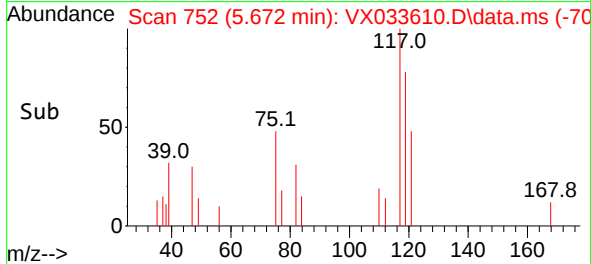
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



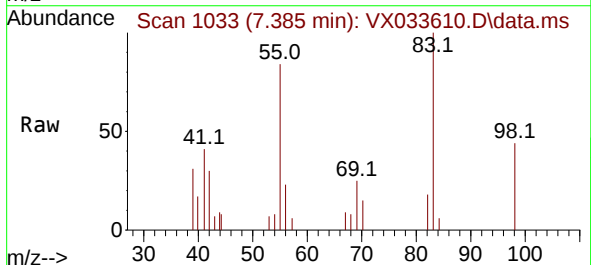
Tgt Ion: 117 Resp: 238
Ion Ratio Lower Upper
117 100
119 86.6 78.8 118.2
121 42.8 24.9 37.3

Manual Integrations
APPROVED

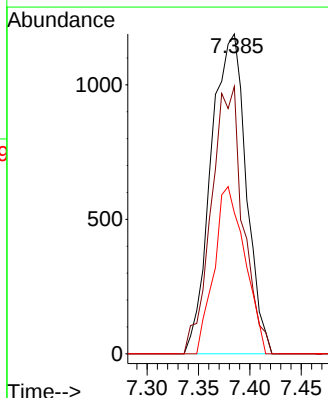
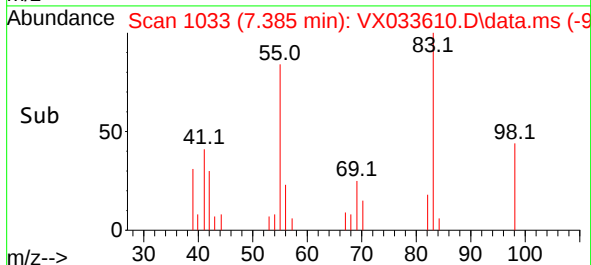
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

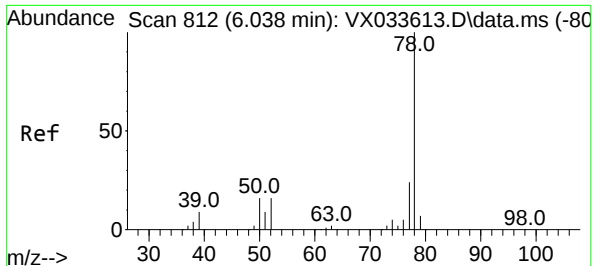


#39
Methylcyclohexane
Concen: 0.972 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion: 83 Resp: 2820
Ion Ratio Lower Upper
83 100
55 83.6 61.4 92.2
98 44.1 40.2 60.2





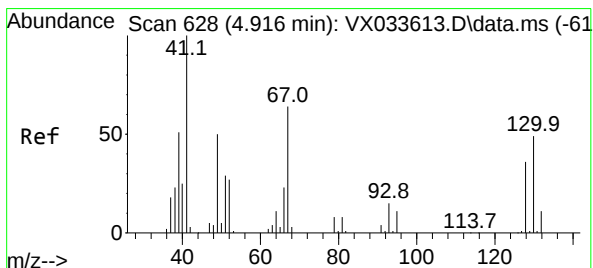
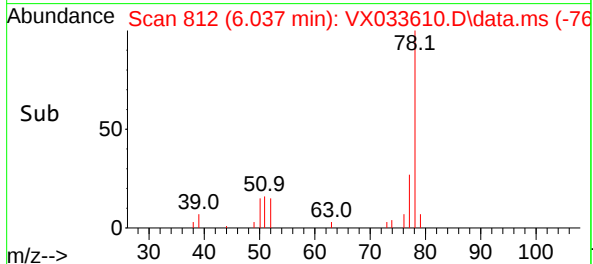
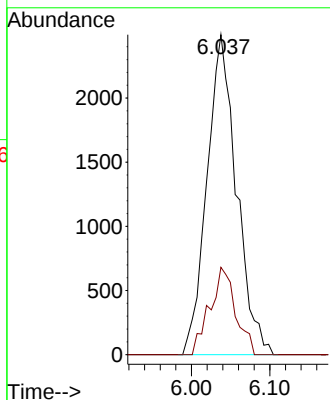
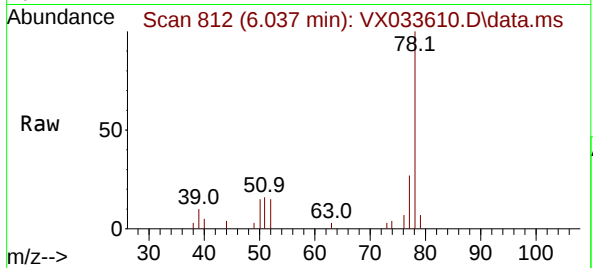
#40
Benzene
Concen: 0.962 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 653
Ion Ratio Lower Upper
78 100
77 27.3 19.0 28.6

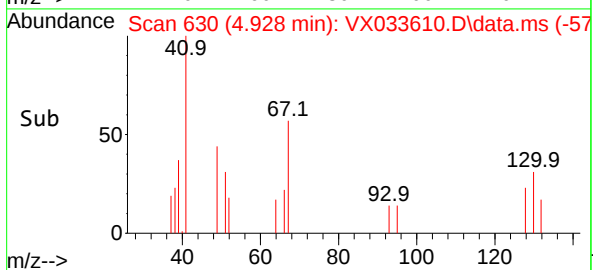
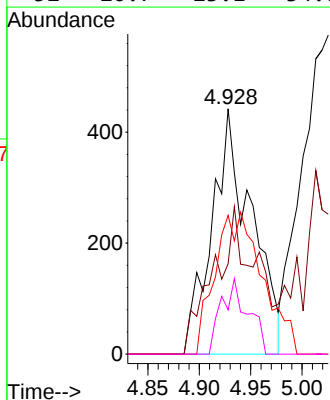
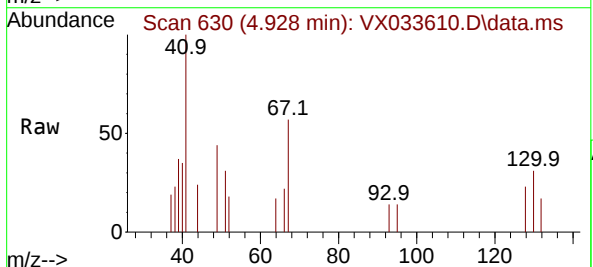
Manual Integrations
APPROVED

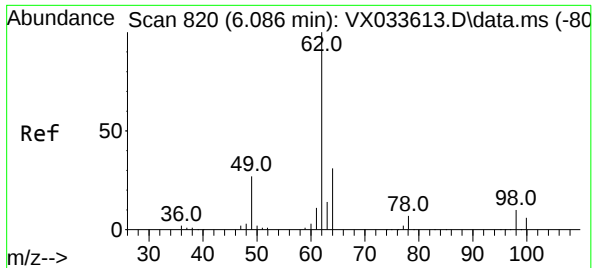
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#41
Methacrylonitrile
Concen: 0.844 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.012 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Tgt Ion: 41 Resp: 1191
Ion Ratio Lower Upper
41 100
39 49.6 44.1 66.1
67 31.1 53.8 80.6#
52 20.7 23.1 34.7#





#42

1,2-Dichloroethane

Concen: 0.979 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

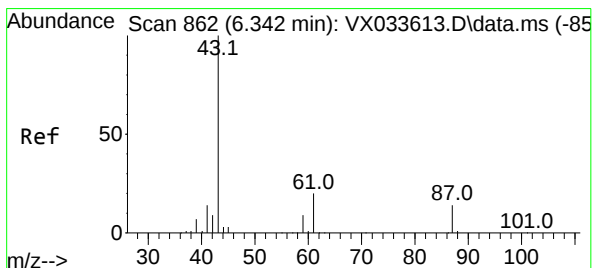
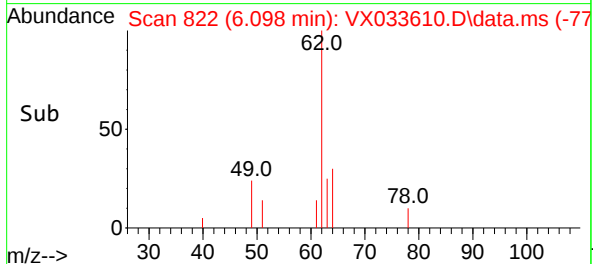
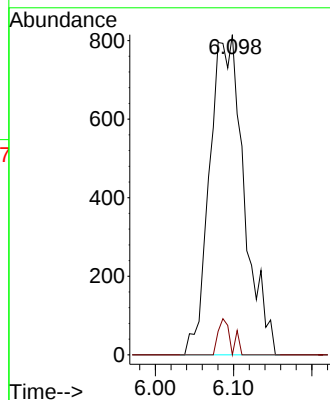
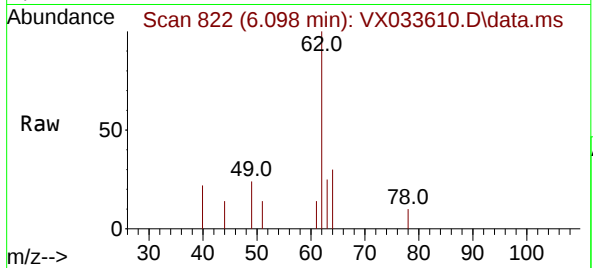
VSTDIC001

Tgt Ion: 62 Resp: 2478
 Ion Ratio Lower Upper
 62 100
 98 4.3 0.0 19.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#43

Isopropyl Acetate

Concen: 0.888 ug/l

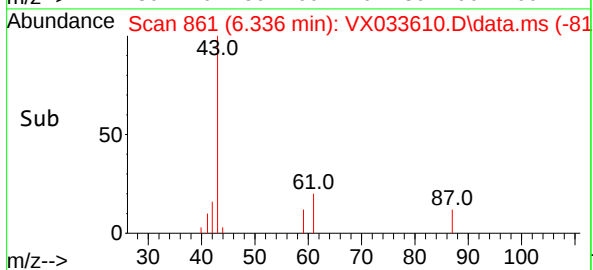
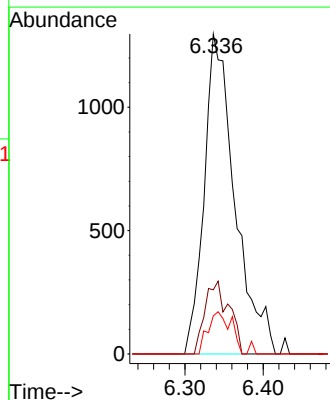
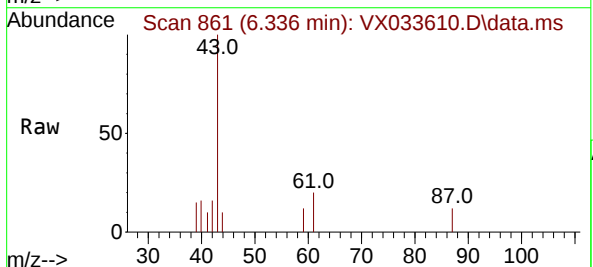
RT: 6.336 min Scan# 861

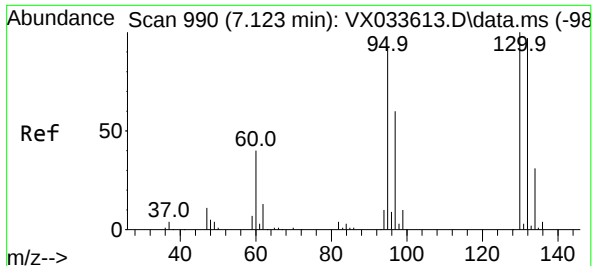
Delta R.T. -0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

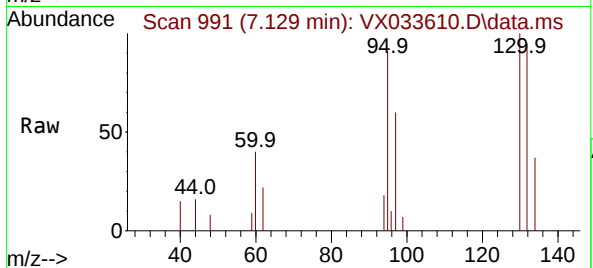
Tgt Ion: 43 Resp: 3526
 Ion Ratio Lower Upper
 43 100
 61 17.9 15.2 22.8
 87 9.9 10.6 16.0





#44
Trichloroethene
Concen: 0.992 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

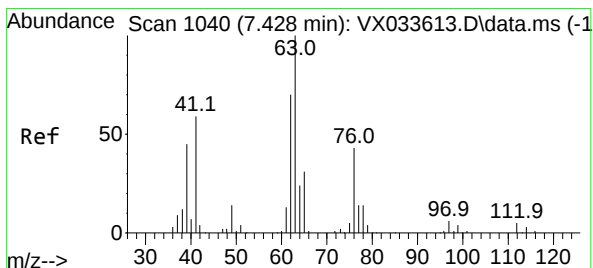
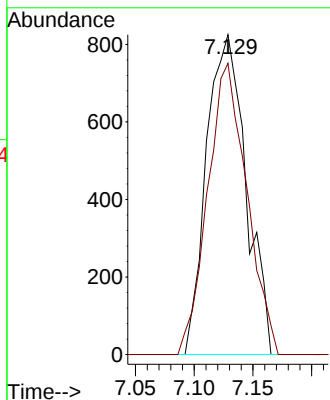
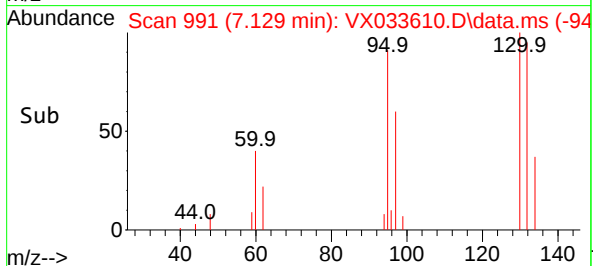
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



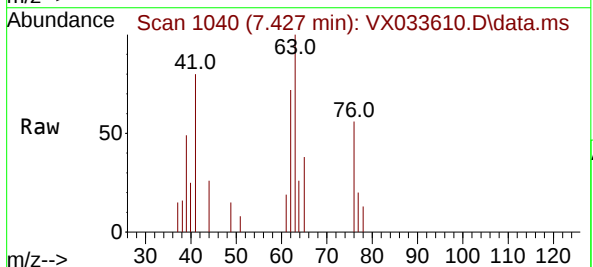
Tgt Ion:130 Resp: 192
Ion Ratio Lower Upper
130 100
95 91.0 0.0 183.0

Manual Integrations
APPROVED

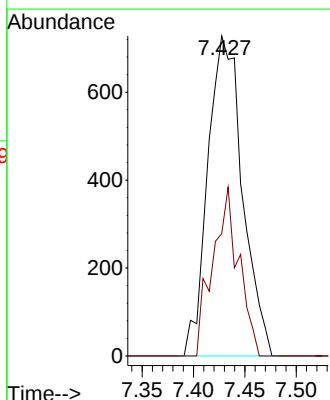
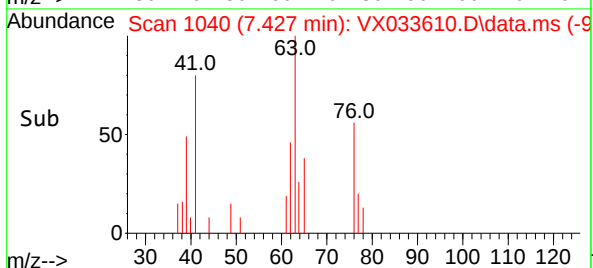
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

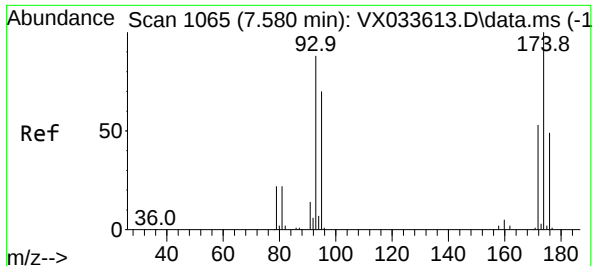


#45
1,2-Dichloropropane
Concen: 0.977 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



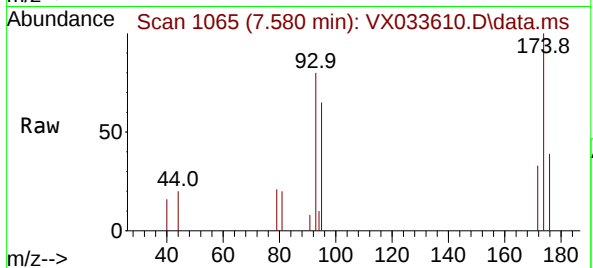
Tgt Ion: 63 Resp: 1710
Ion Ratio Lower Upper
63 100
65 38.2 24.5 36.7#





#46
Dibromomethane
Concen: 0.918 ug/l
RT: 7.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

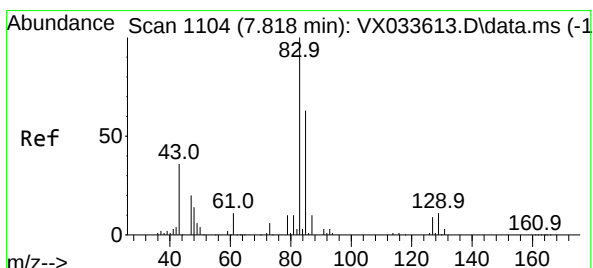
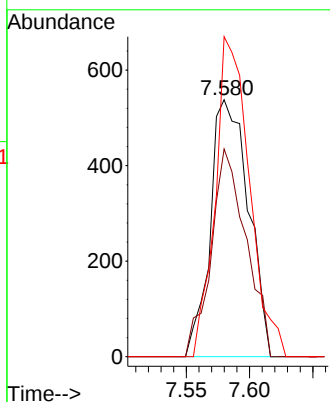
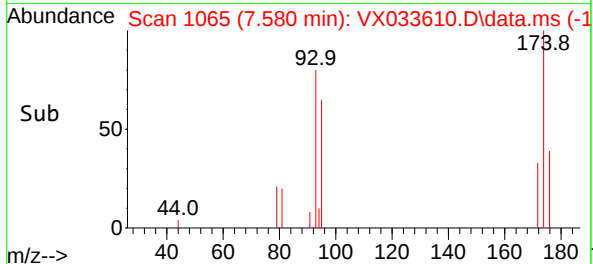
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



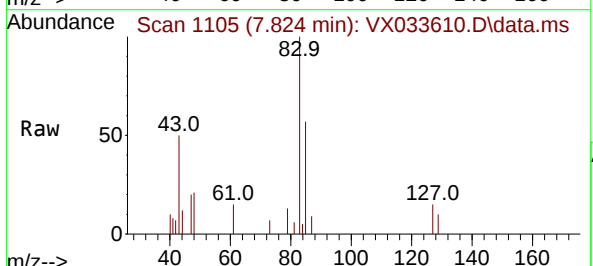
Tgt Ion: 93 Resp: 1124
Ion Ratio Lower Upper
93 100
95 74.5 65.7 98.5
174 111.9 92.5 138.7

Manual Integrations
APPROVED

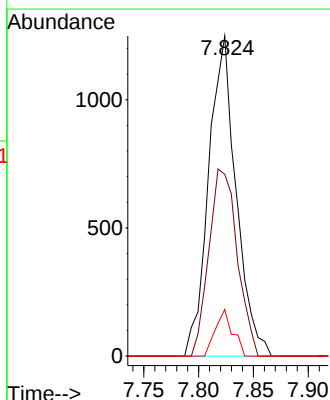
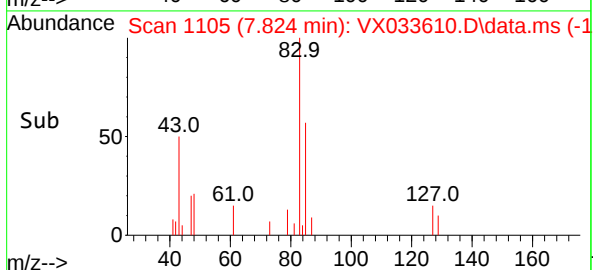
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

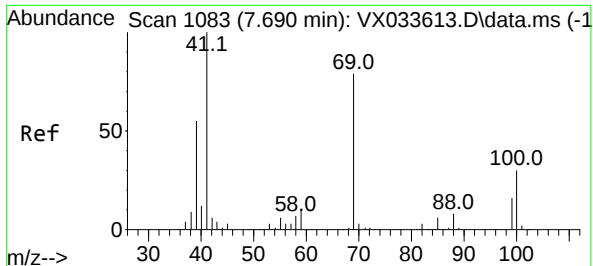


#47
Bromodichloromethane
Concen: 0.920 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion: 83 Resp: 2182
Ion Ratio Lower Upper
83 100
85 56.8 50.6 76.0
127 14.6 7.3 10.9





#48

Methyl methacrylate

Concen: 0.836 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 168

Ion Ratio Lower Upper

41 100

69 79.4 63.1 94.7

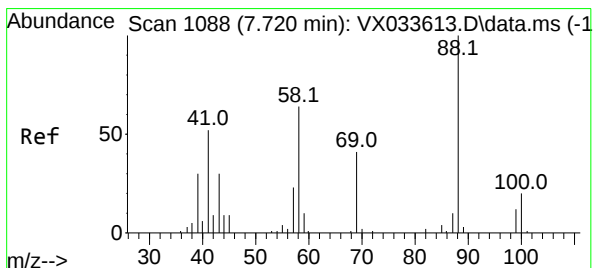
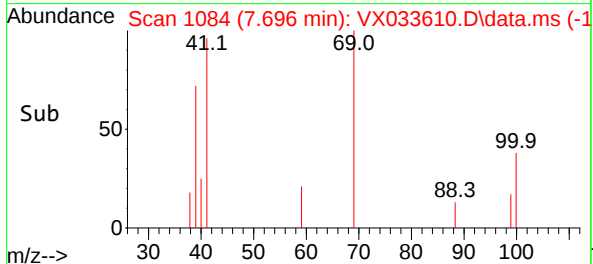
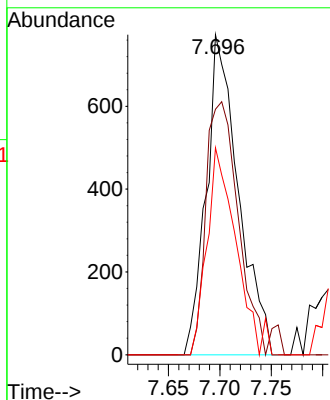
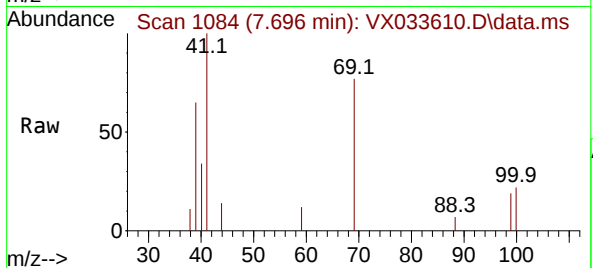
39 58.7 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#49

1,4-Dioxane

Concen: 19.335 ug/l m

RT: 7.745 min Scan# 1092

Delta R.T. 0.024 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

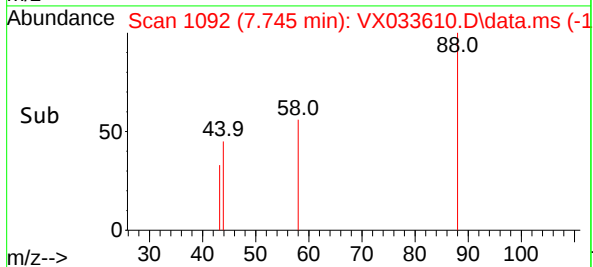
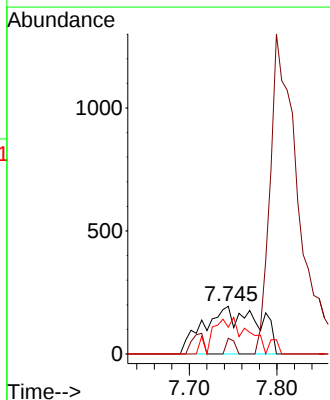
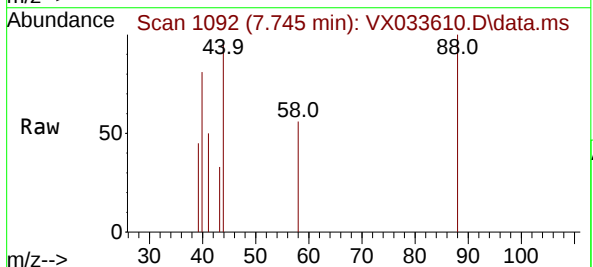
Tgt Ion: 88 Resp: 827

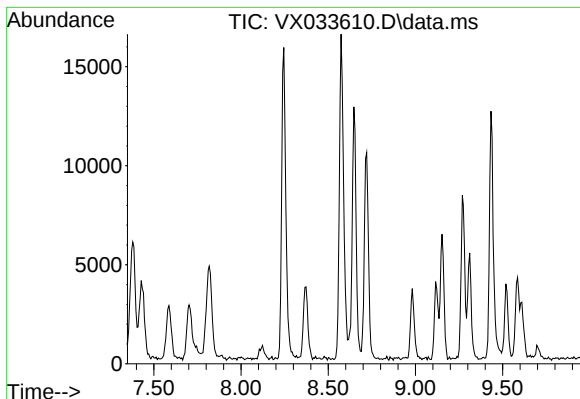
Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 49.2 57.1 85.7#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

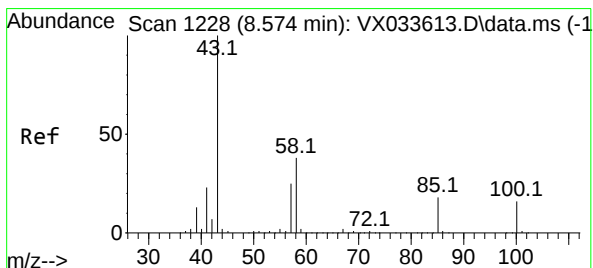
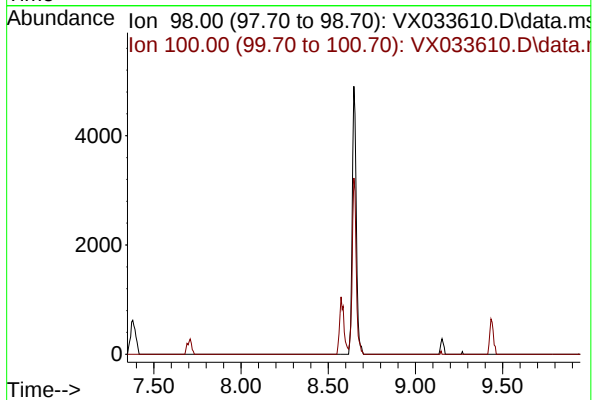
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 67.0

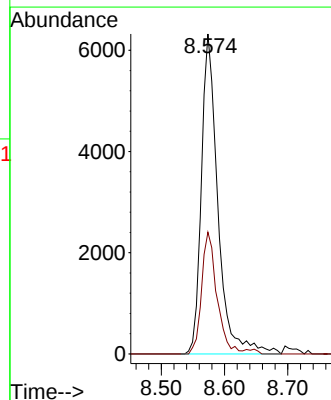
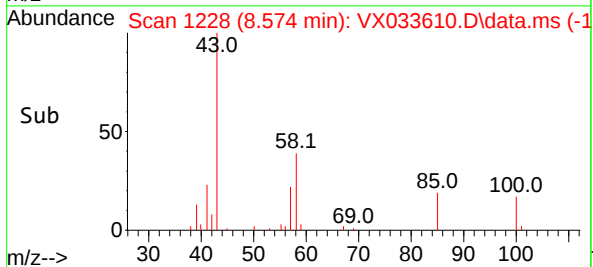
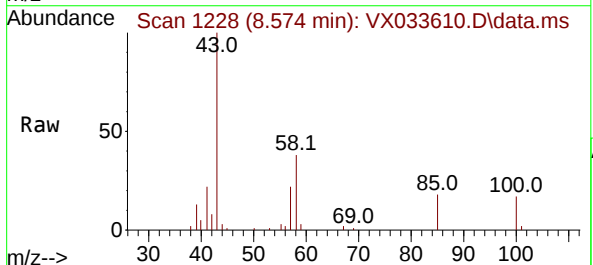
Manual Integrations
APPROVED

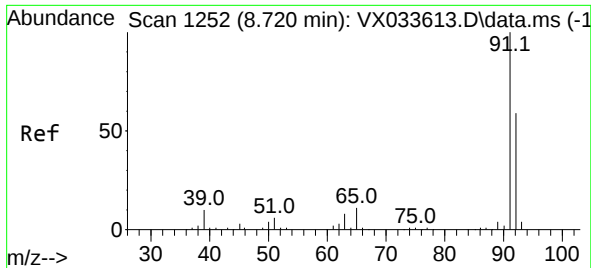
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#51
4-Methyl-2-Pentanone
Concen: 4.575 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

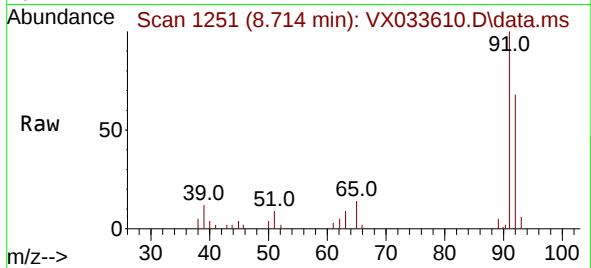
Tgt Ion: 43 Resp: 11503
Ion Ratio Lower Upper
43 100
58 35.1 30.5 45.7





#52
Toluene
Concen: 0.984 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

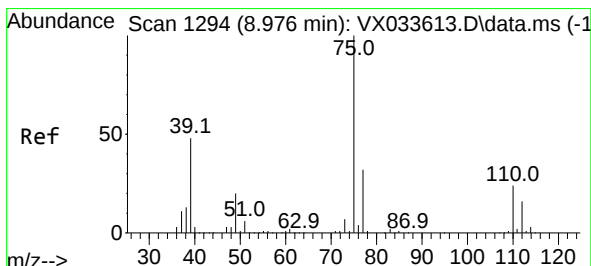
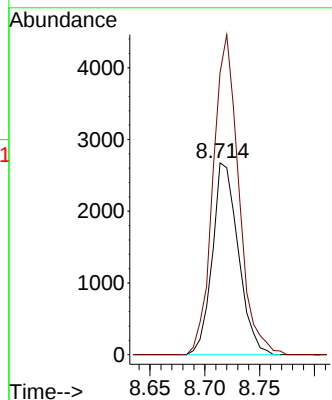
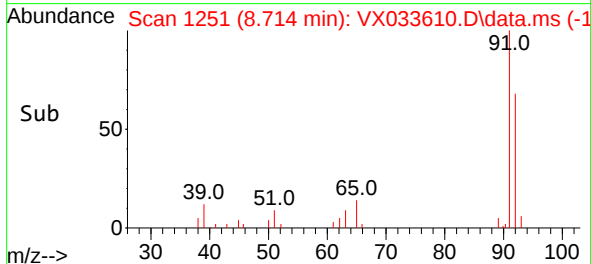
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



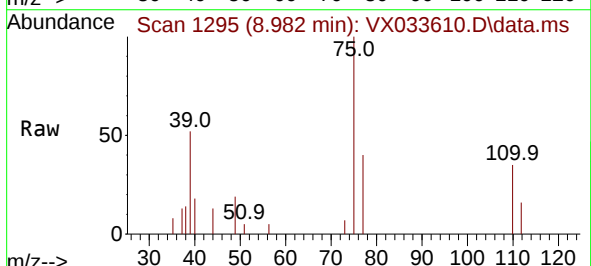
Tgt Ion: 92 Resp: 4392
Ion Ratio Lower Upper
92 100
91 165.8 135.4 203.2

Manual Integrations
APPROVED

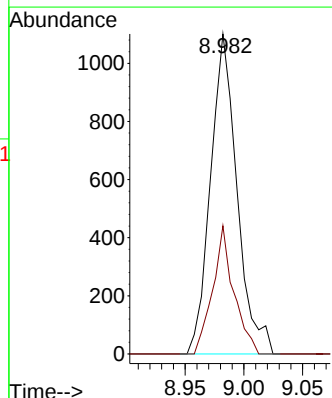
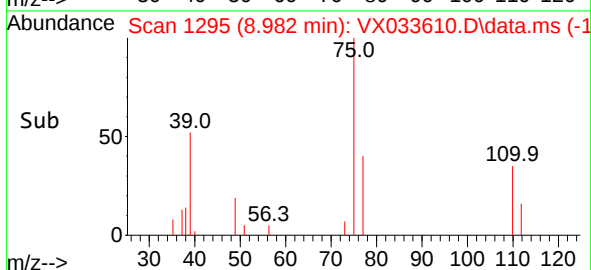
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

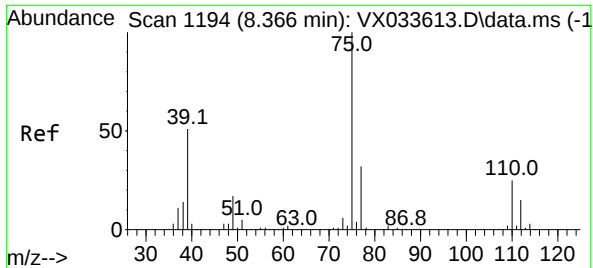


#53
t-1,3-Dichloropropene
Concen: 0.730 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



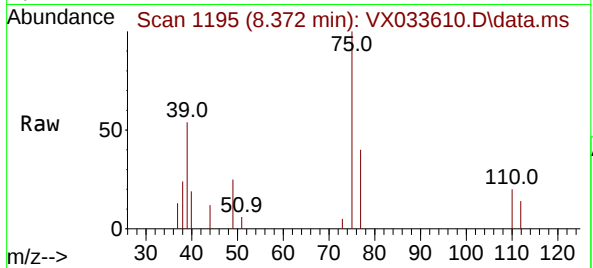
Tgt Ion: 75 Resp: 1729
Ion Ratio Lower Upper
75 100
77 40.1 25.3 37.9#





#54
 cis-1,3-Dichloropropene
 Concen: 0.794 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

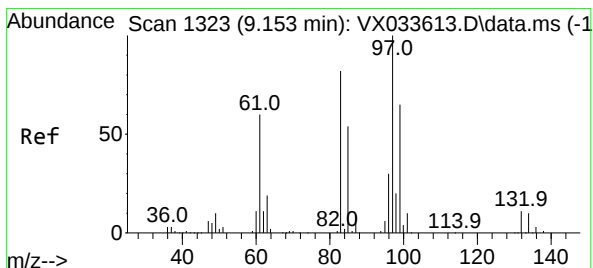
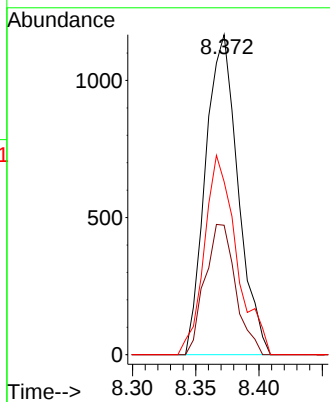
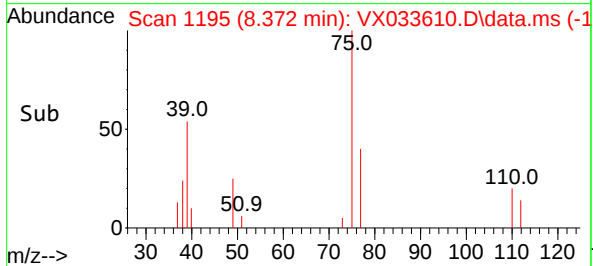
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 2080
 Ion Ratio Lower Upper
 75 100
 77 40.4 25.5 38.3
 39 54.1 40.6 61.0

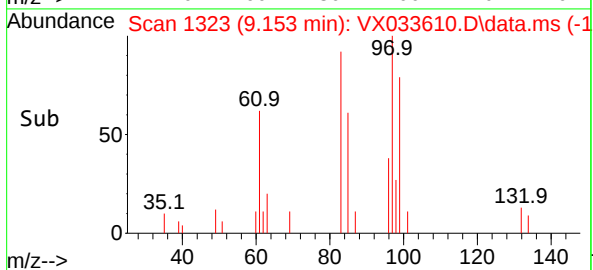
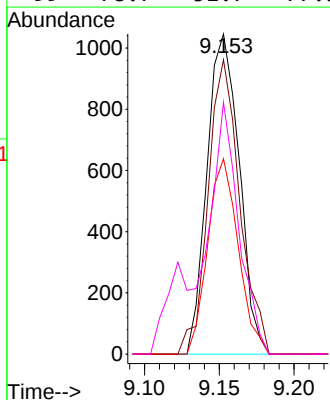
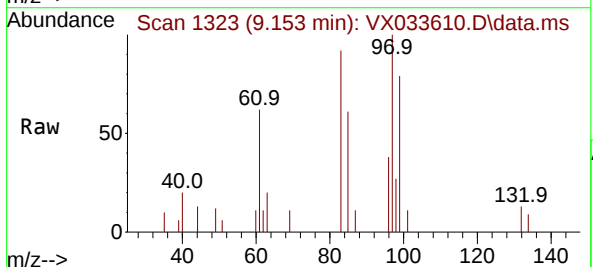
Manual Integrations
 APPROVED

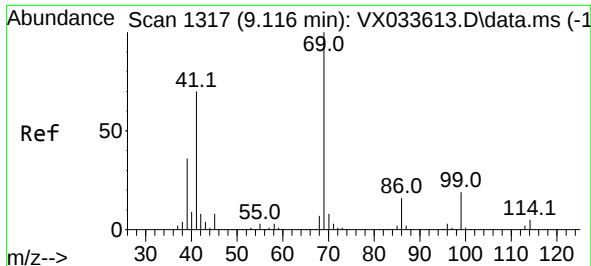
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.895 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

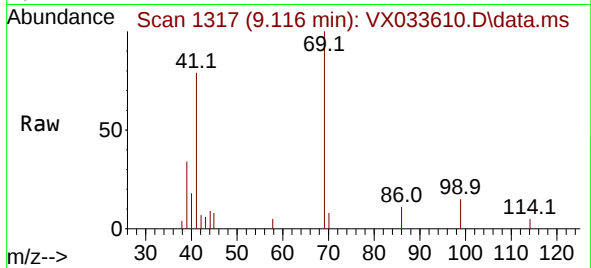
Tgt Ion: 97 Resp: 1566
 Ion Ratio Lower Upper
 97 100
 83 92.0 65.7 98.5
 85 61.0 43.4 65.0
 99 78.7 51.7 77.5





#56
Ethyl methacrylate
Concen: 0.802 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

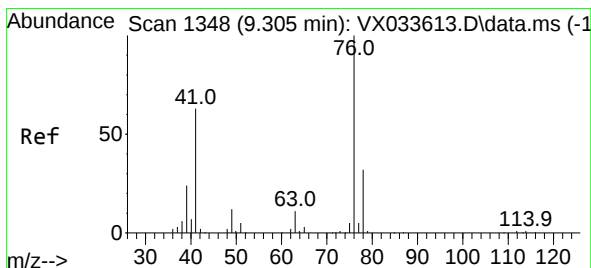
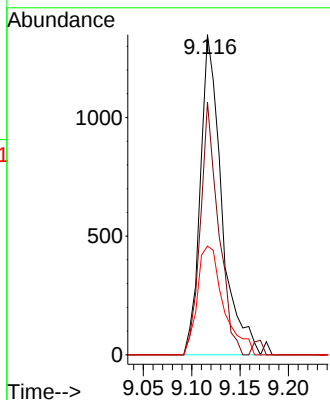
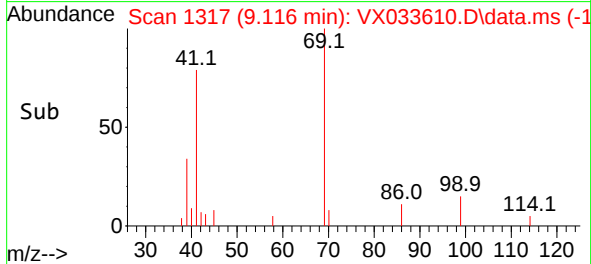
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 2094
Ion Ratio Lower Upper
69 100
41 66.5 56.6 84.8
39 41.3 29.4 44.0

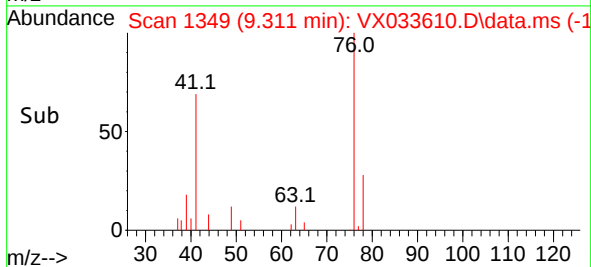
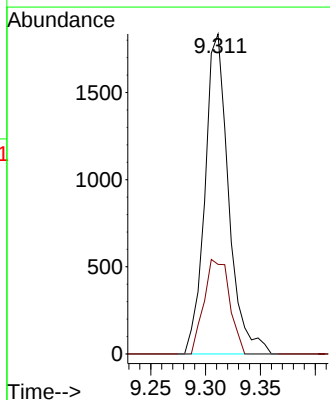
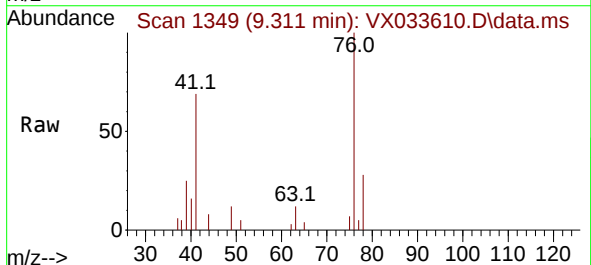
Manual Integrations
APPROVED

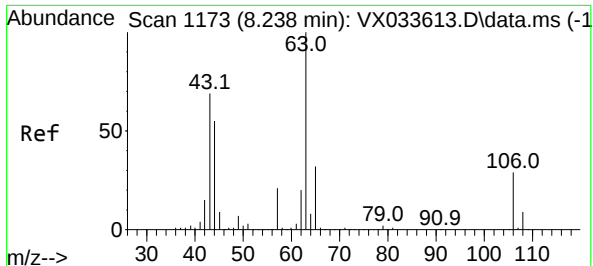
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#57
1,3-Dichloropropane
Concen: 0.922 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Tgt Ion: 76 Resp: 2759
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9





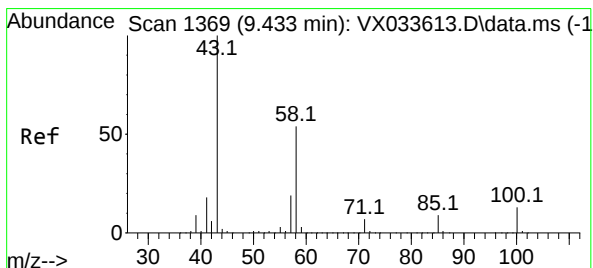
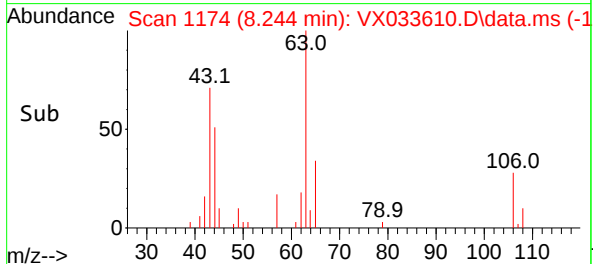
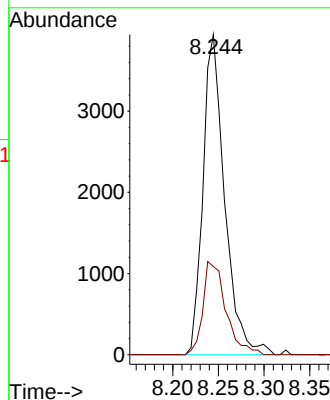
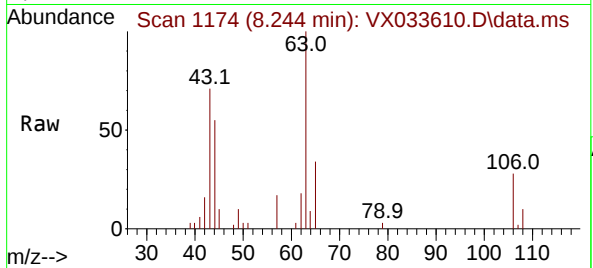
#58
2-Chloroethyl Vinyl ether
Concen: 4.885 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 6488
Ion Ratio Lower Upper
63 100
106 30.7 23.8 35.8

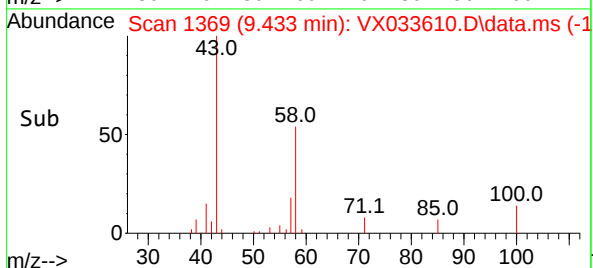
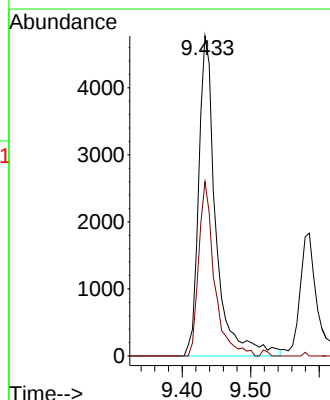
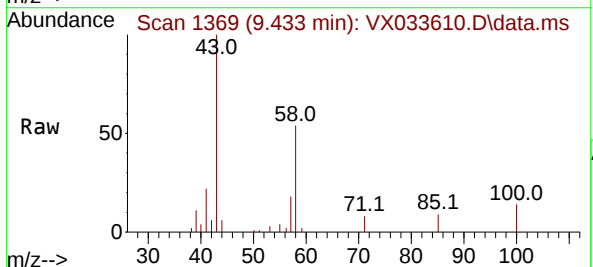
Manual Integrations
APPROVED

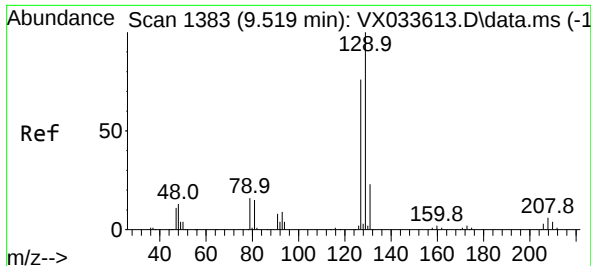
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#59
2-Hexanone
Concen: 4.489 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

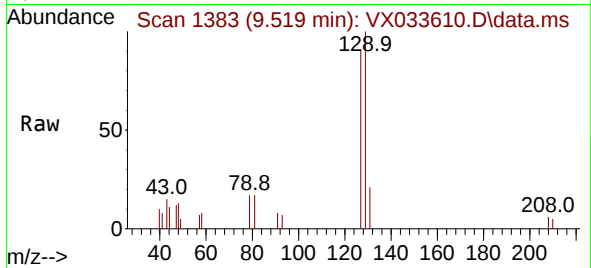
Tgt Ion: 43 Resp: 8339
Ion Ratio Lower Upper
43 100
58 49.7 26.6 79.8





#60
Dibromochloromethane
Concen: 0.851 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

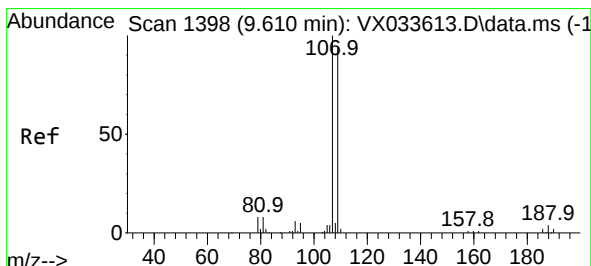
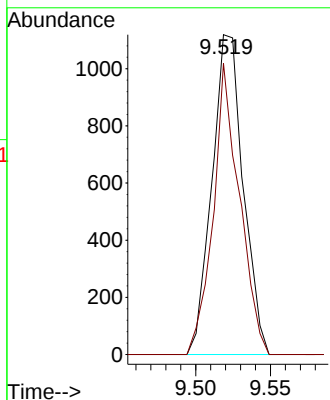
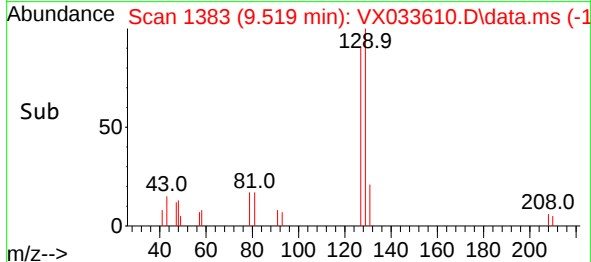
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



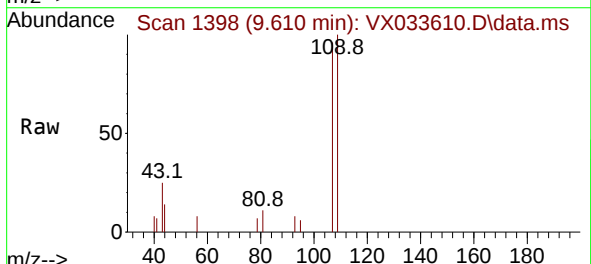
Tgt Ion:129 Resp: 1628
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3

Manual Integrations
APPROVED

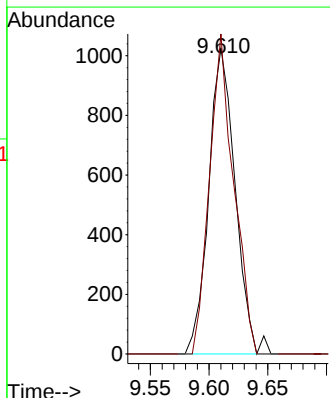
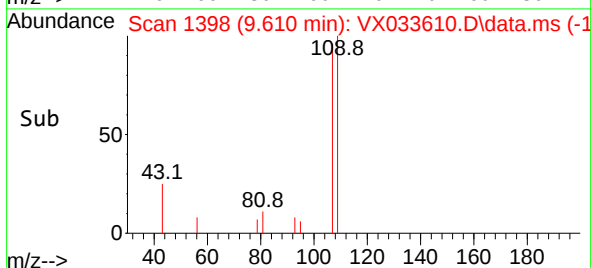
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

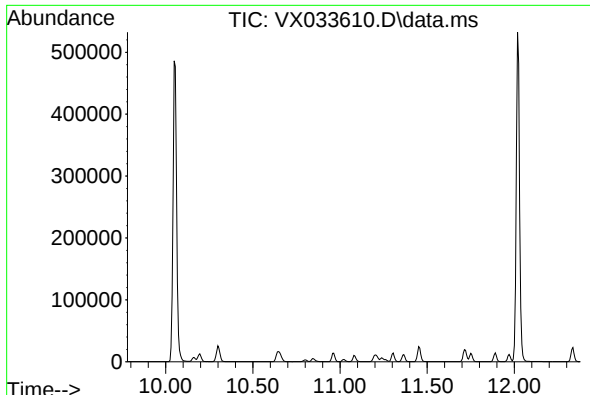


#61
1,2-Dibromoethane
Concen: 0.869 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:107 Resp: 1607
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.2





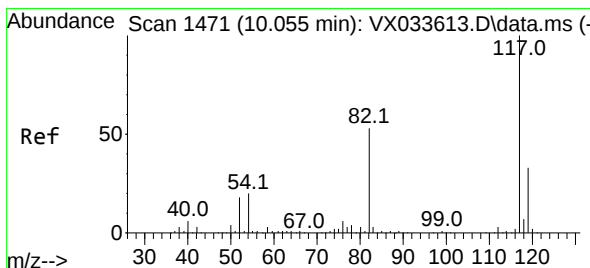
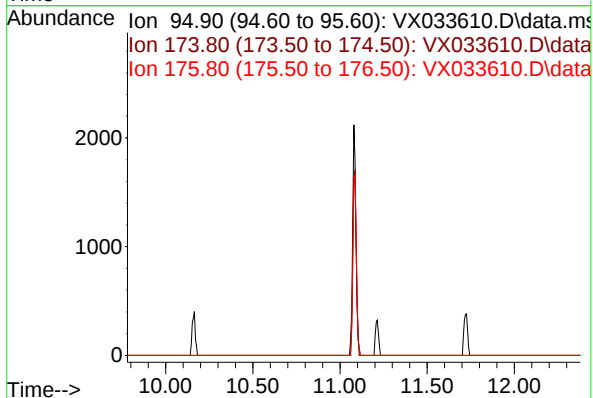
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.08 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 90.2
 176 88.1

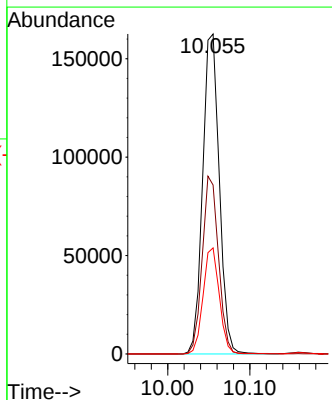
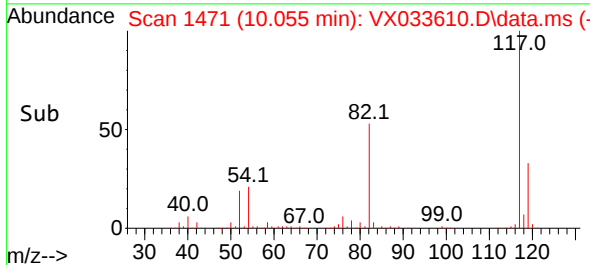
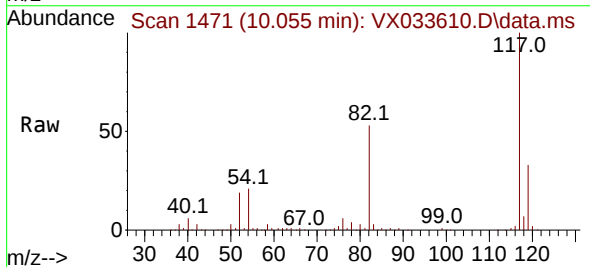
Manual Integrations
 APPROVED

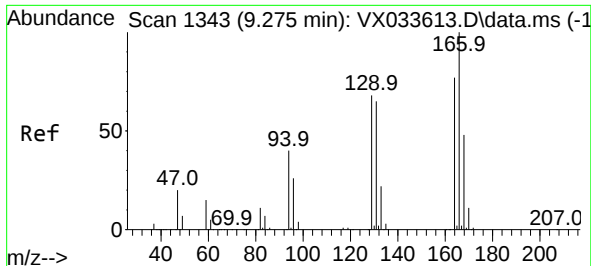
Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

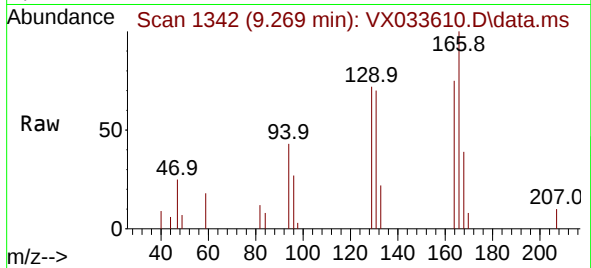
Tgt Ion: 117 Resp: 228764
 Ion Ratio Lower Upper
 117 100
 82 52.8 42.2 63.2
 119 33.2 26.2 39.4





#64
Tetrachloroethene
Concen: 1.042 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

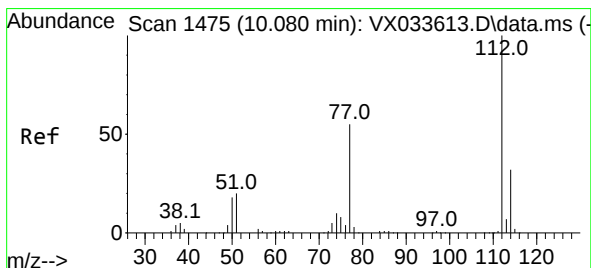
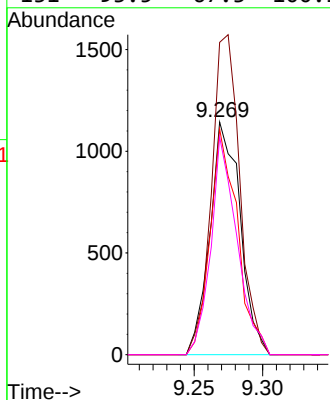
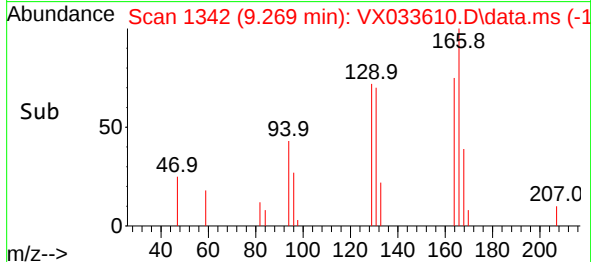
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 1754
Ion Ratio Lower Upper
164 100
166 134.2 103.4 155.0
129 96.9 70.0 105.0
131 93.5 67.3 100.9

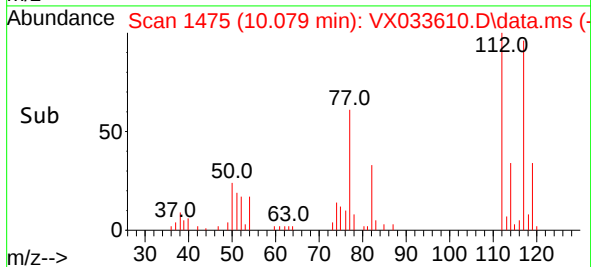
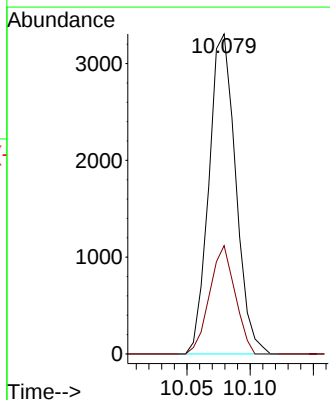
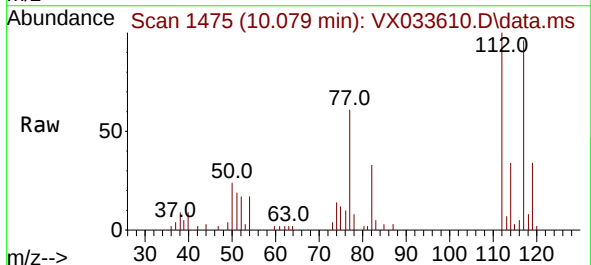
Manual Integrations
APPROVED

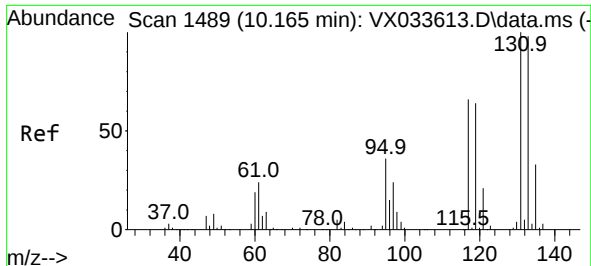
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#65
Chlorobenzene
Concen: 1.040 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

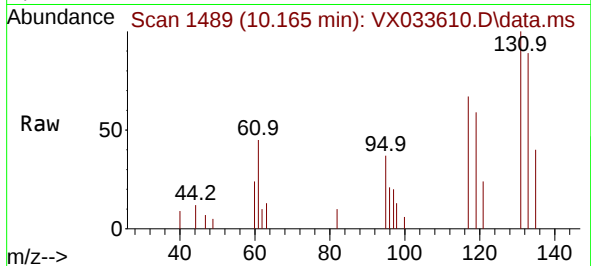
Tgt Ion:112 Resp: 4870
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6





#66
1,1,1,2-Tetrachloroethane
Concen: 0.903 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

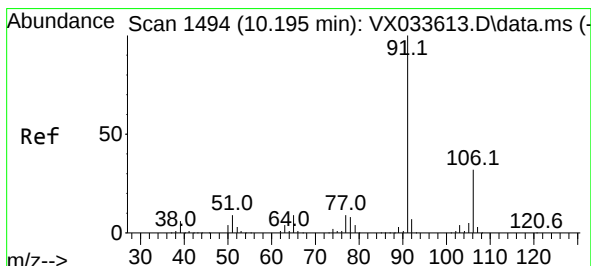
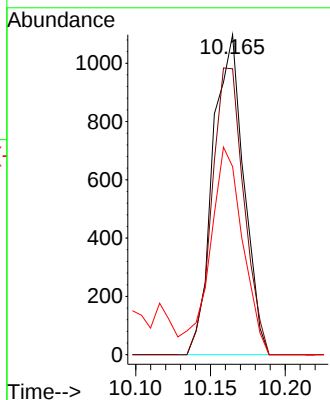
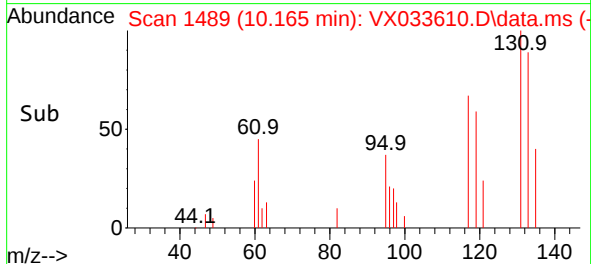
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



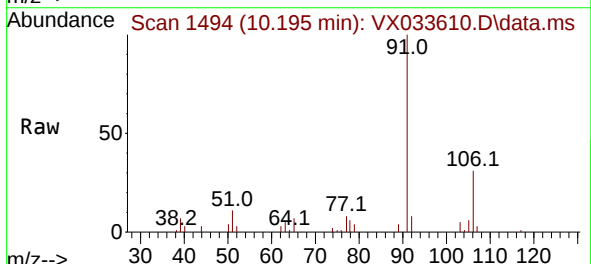
Tgt Ion:131 Resp: 158
Ion Ratio Lower Upper
131 100
133 92.3 48.0 144.2
119 0.0 31.4 94.3

Manual Integrations
APPROVED

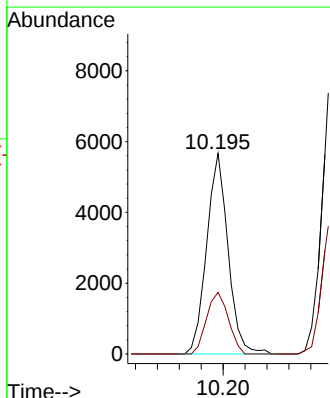
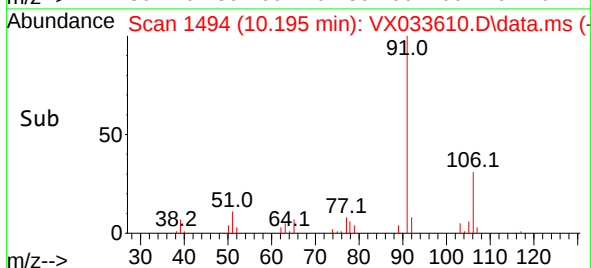
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

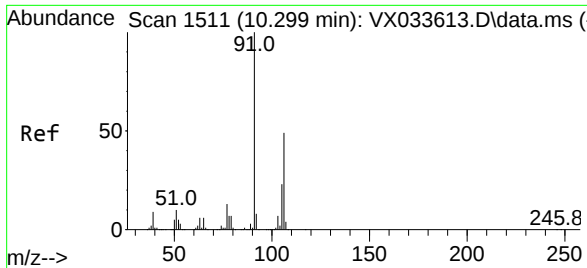


#67
Ethyl Benzene
Concen: 0.940 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



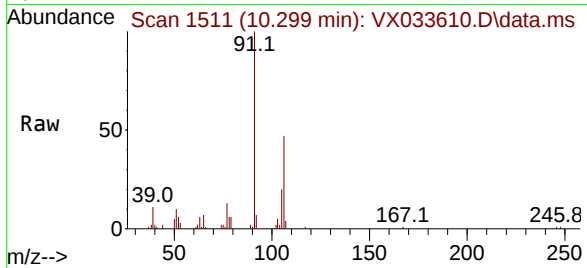
Tgt Ion: 91 Resp: 7678
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9





#68
m/p-Xylenes
Concen: 1.892 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

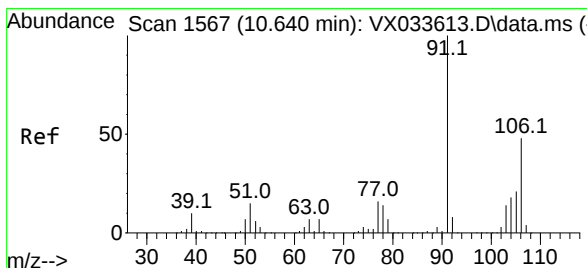
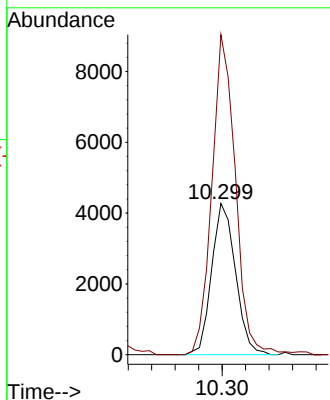
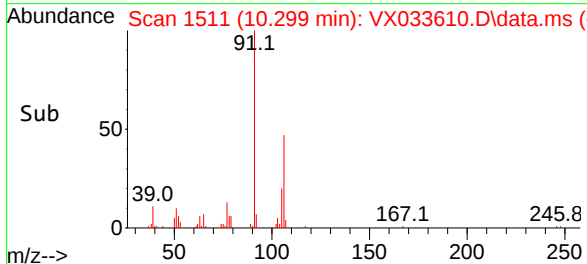
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001



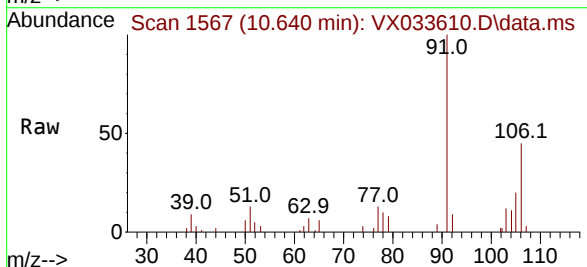
Tgt Ion:106 Resp: 6034
Ion Ratio Lower Upper
106 100
91 209.2 159.6 239.4

Manual Integrations
APPROVED

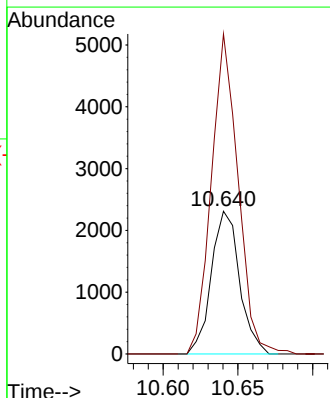
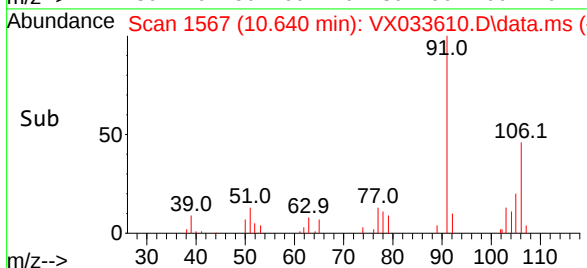
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

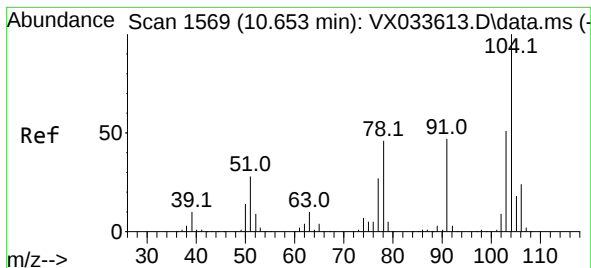


#69
o-Xylene
Concen: 0.959 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:106 Resp: 3033
Ion Ratio Lower Upper
106 100
91 212.0 104.1 312.3





#70

Styrene

Concen: 0.918 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

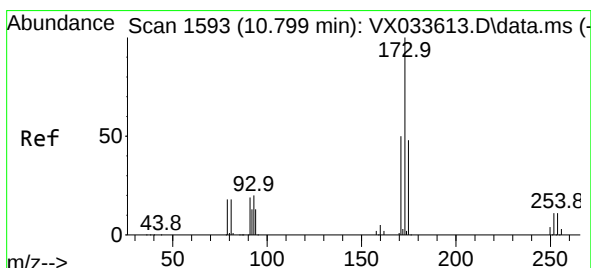
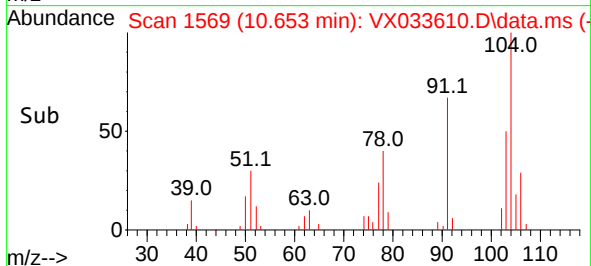
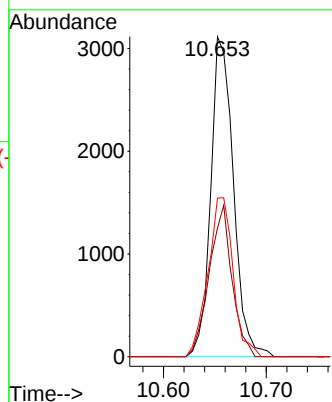
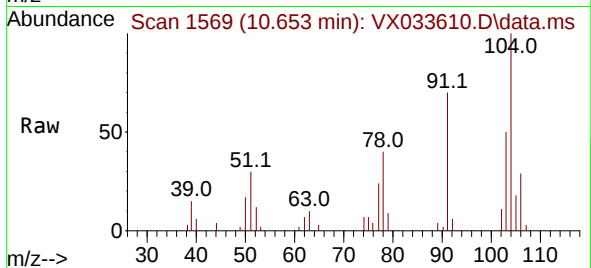
Tgt Ion:	104	Resp:	476
Ion Ratio	Lower	Upper	
104	100		
78	47.7	39.3	58.9
103	55.1	43.3	64.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#71

Bromoform

Concen: 0.874 ug/l

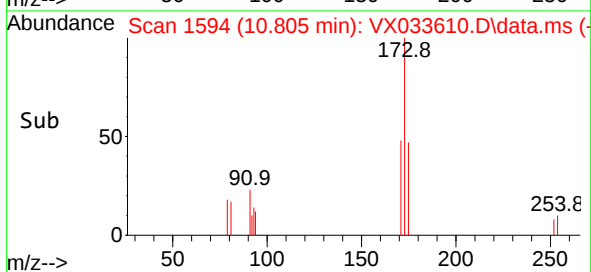
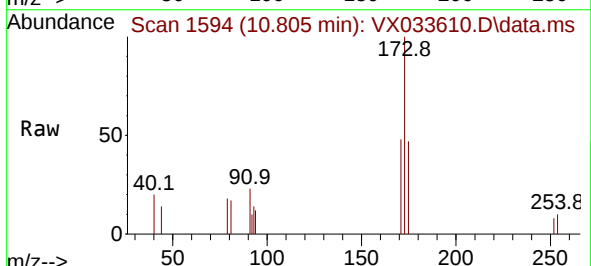
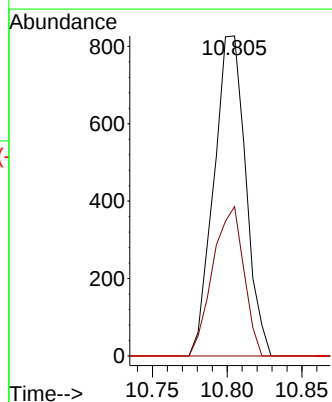
RT: 10.805 min Scan# 1594

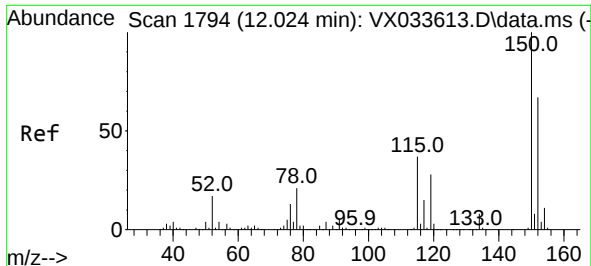
Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

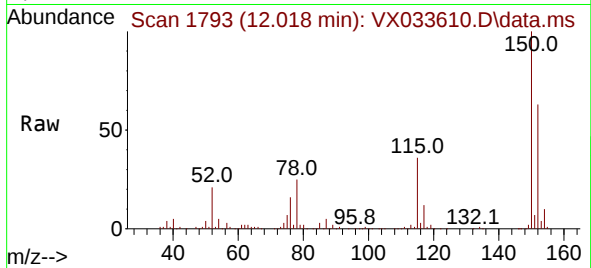
Tgt Ion:	173	Resp:	1225
Ion Ratio	Lower	Upper	
173	100		
175	45.4	23.8	71.5
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

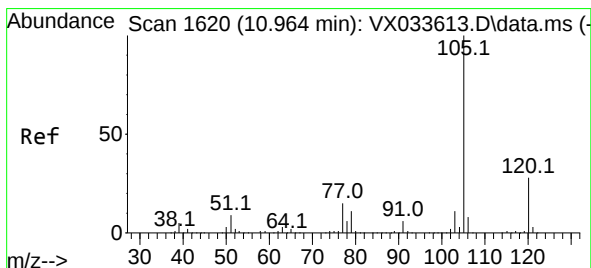
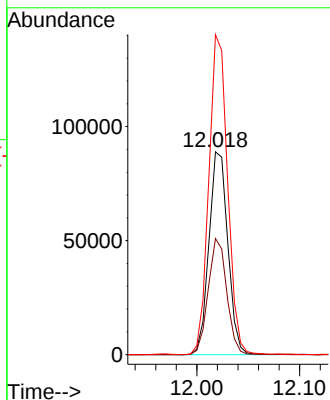
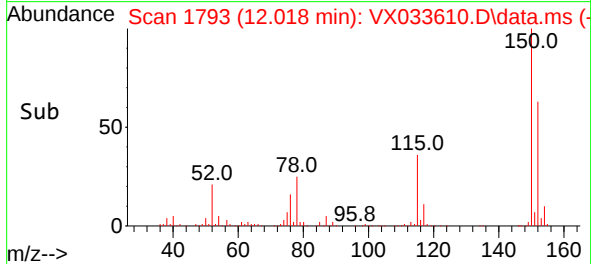
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



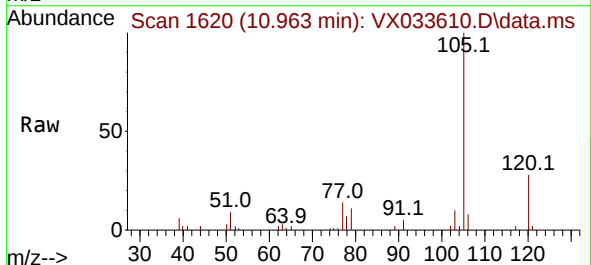
Tgt Ion:152 Resp: 11364
Ion Ratio Lower Upper
152 100
115 56.3 38.5 115.5
150 156.4 0.0 340.4

Manual Integrations
APPROVED

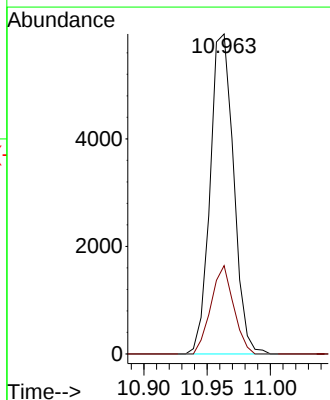
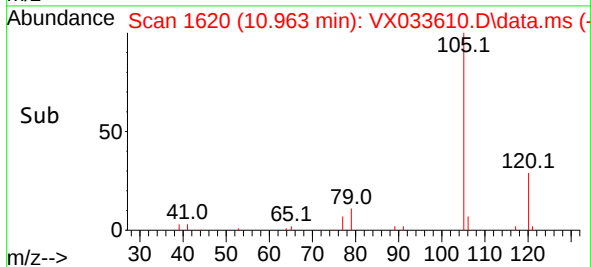
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

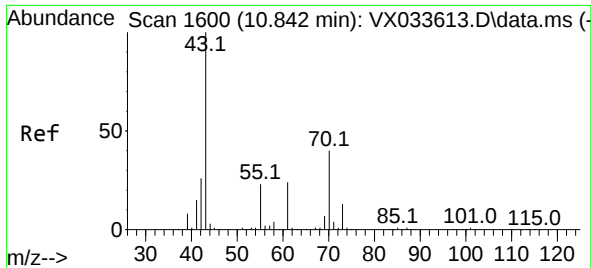


#73
Isopropylbenzene
Concen: 0.957 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:105 Resp: 7678
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0





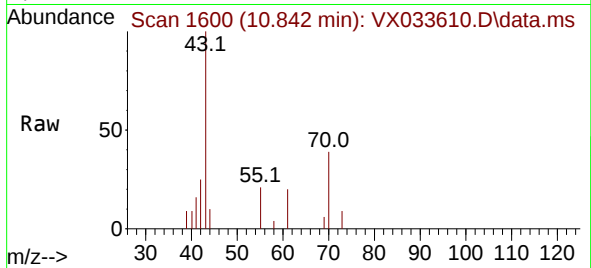
#74
N-amy1 acetate
Concen: 0.823 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



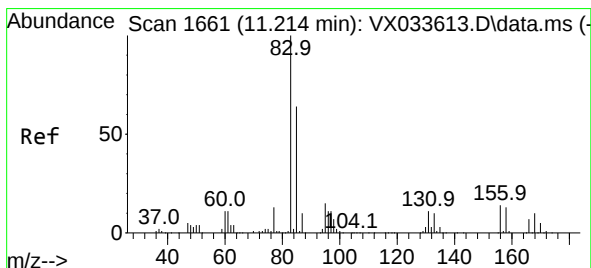
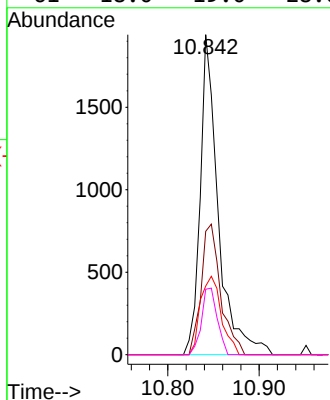
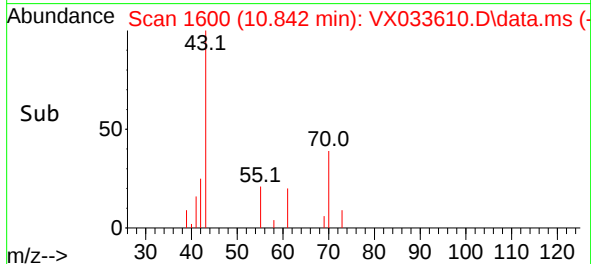
Tgt Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
70 44.1 33.4 50.0
55 28.2 18.6 27.8
61 18.0 19.0 28.6#

Manual Integrations

APPROVED

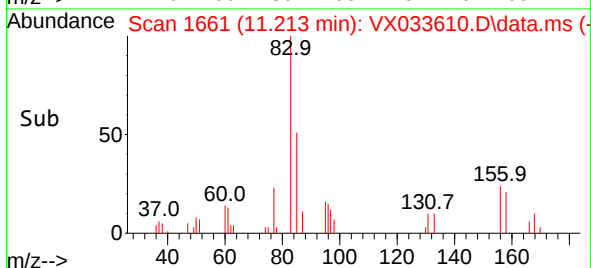
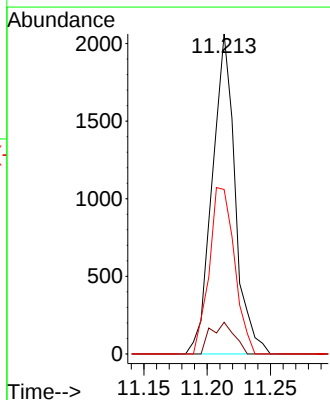
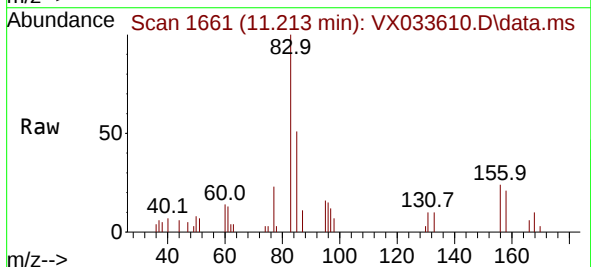
Reviewed By :John Carlone 01/05/2023

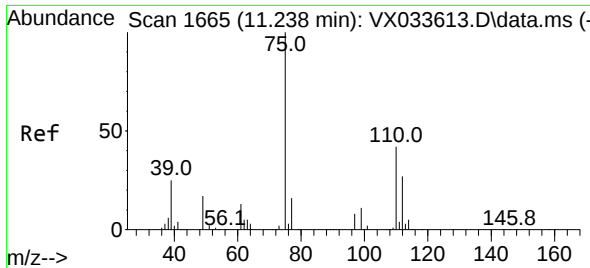
Supervised By :Mahesh Dadoda 01/05/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.037 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

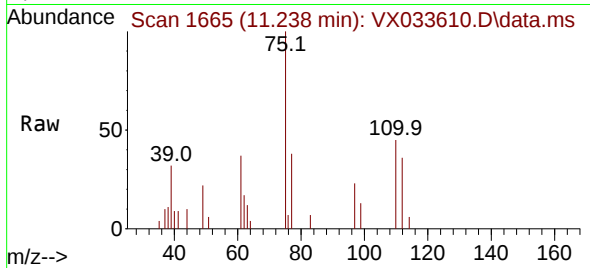
Tgt Ion: 83 Resp: 2594
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 57.2 32.1 96.5





#76
1,2,3-Trichloropropane
Concen: 0.975 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

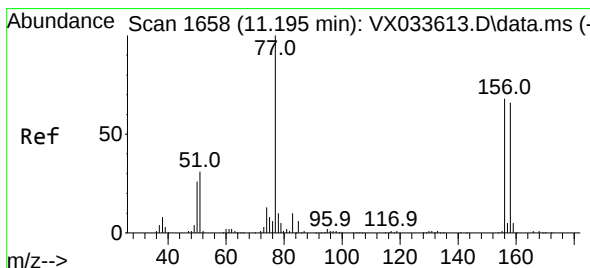
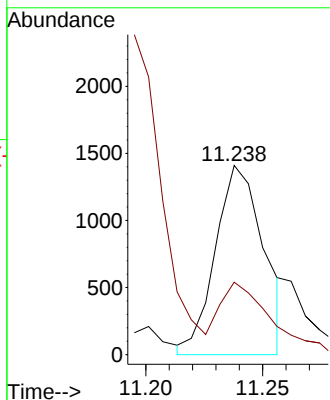
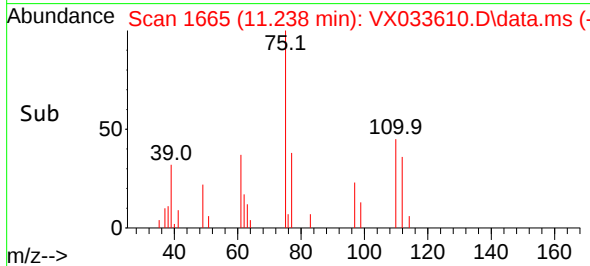
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



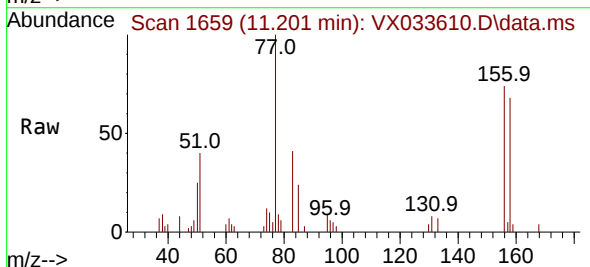
Tgt Ion: 75 Resp: 2030
Ion Ratio Lower Upper
75 100
77 40.8 21.3 63.9

Manual Integrations
APPROVED

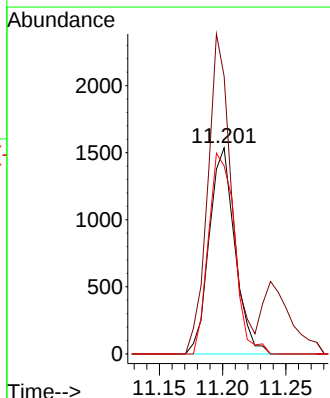
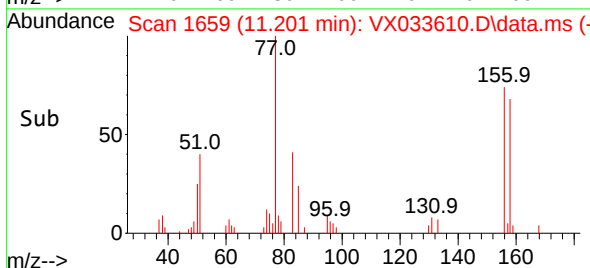
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

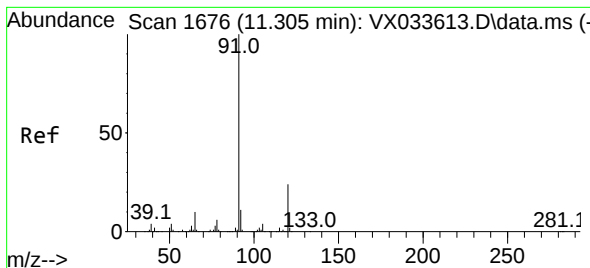


#77
Bromobenzene
Concen: 1.019 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



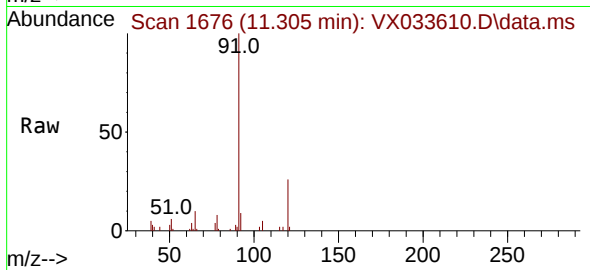
Tgt Ion:156 Resp: 2164
Ion Ratio Lower Upper
156 100
77 144.4 70.9 212.6
158 99.8 48.3 144.9





#78
n-propylbenzene
Concen: 0.933 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

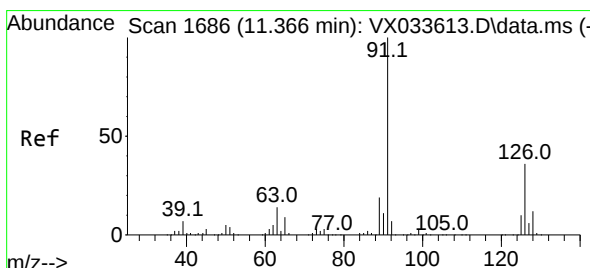
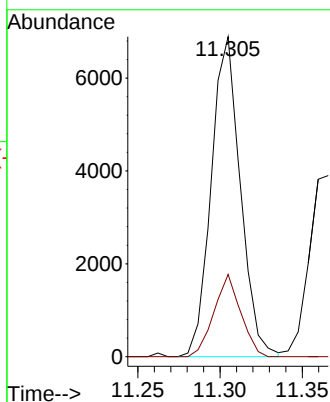
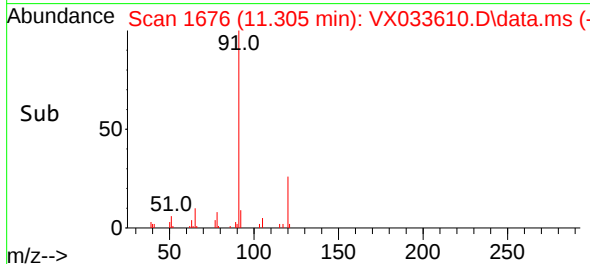
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



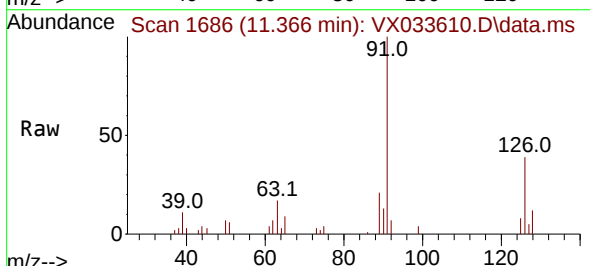
Tgt Ion: 91 Resp: 849
Ion Ratio Lower Upper
91 100
120 23.5 12.2 36.6

Manual Integrations
APPROVED

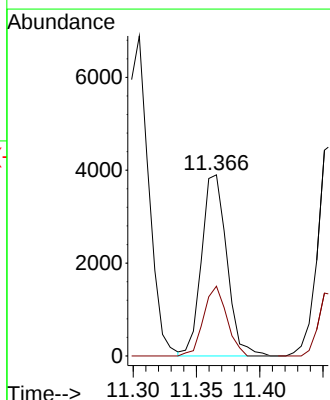
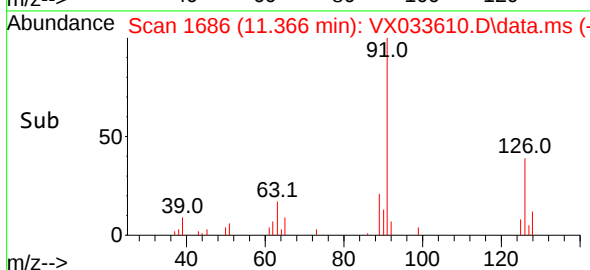
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

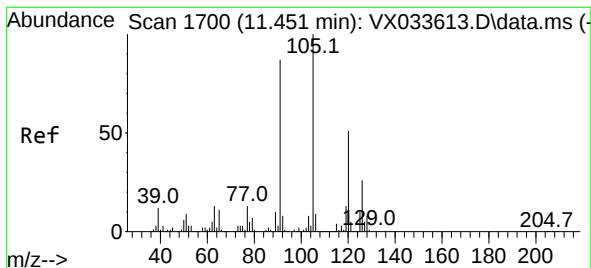


#79
2-Chlorotoluene
Concen: 0.993 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion: 91 Resp: 5427
Ion Ratio Lower Upper
91 100
126 35.3 17.6 52.9





#80

1,3,5-Trimethylbenzene

Concen: 0.918 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 606

Ion Ratio Lower Upper

105 100

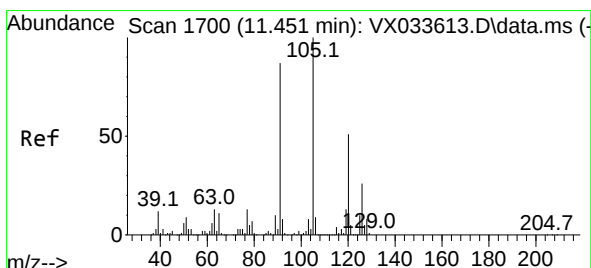
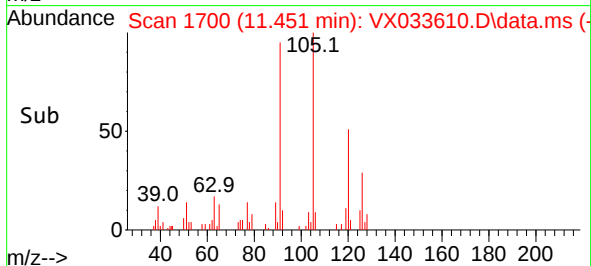
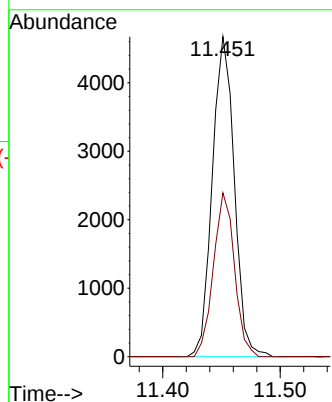
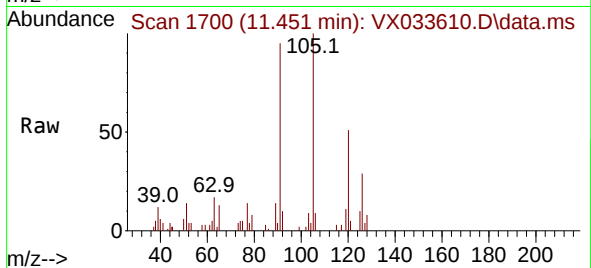
120 49.2 25.5 76.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#82

4-Chlorotoluene

Concen: 0.988 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX033610.D

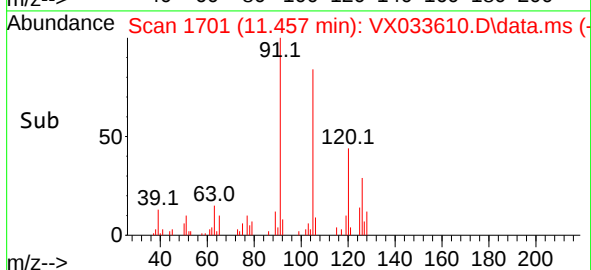
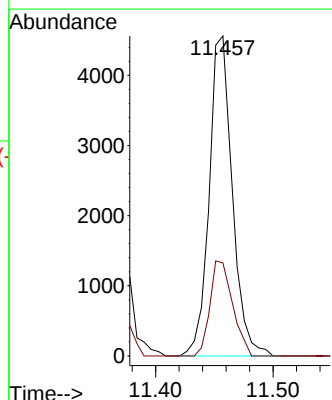
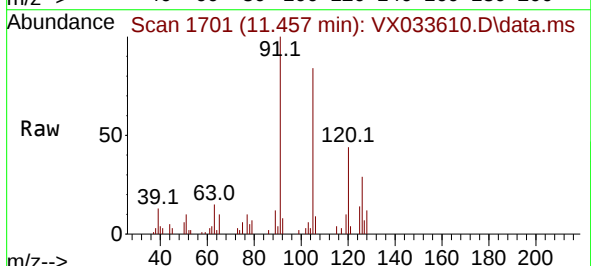
Acq: 04 Jan 2023 10:35

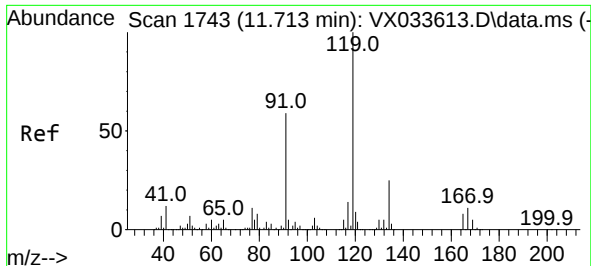
Tgt Ion: 91 Resp: 6243

Ion Ratio Lower Upper

91 100

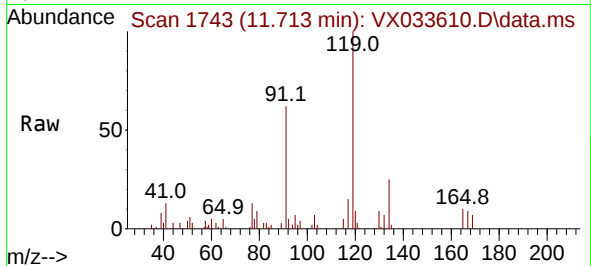
126 29.0 15.7 47.0





#83
tert-Butylbenzene
Concen: 0.934 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

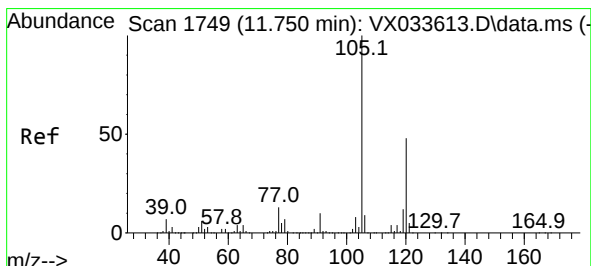
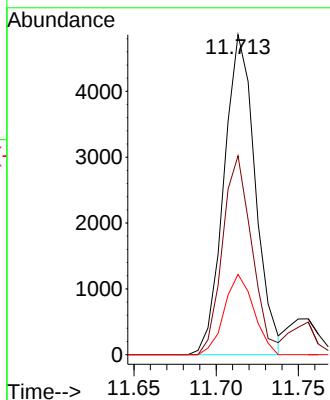
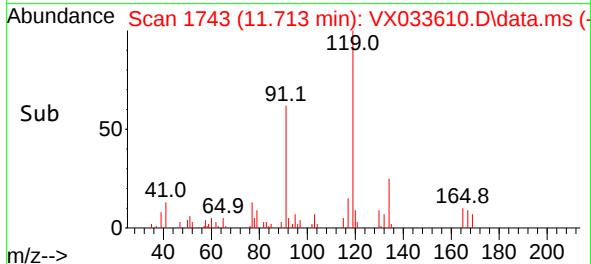
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



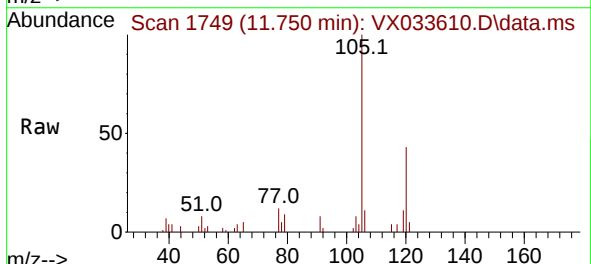
Tgt Ion:119 Resp: 6430
Ion Ratio Lower Upper
119 100
91 58.5 27.9 83.6
134 23.6 12.2 36.6

Manual Integrations
APPROVED

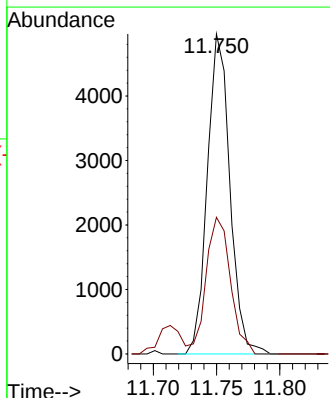
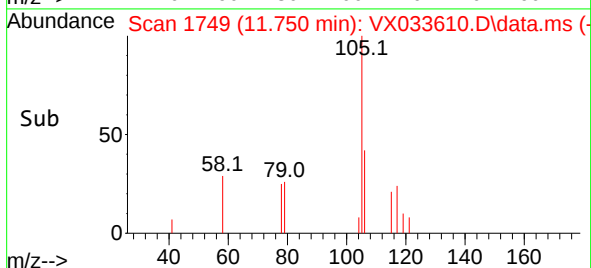
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

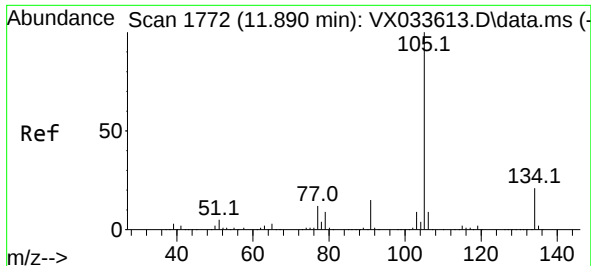


#84
1,2,4-Trimethylbenzene
Concen: 0.928 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:105 Resp: 6156
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.0





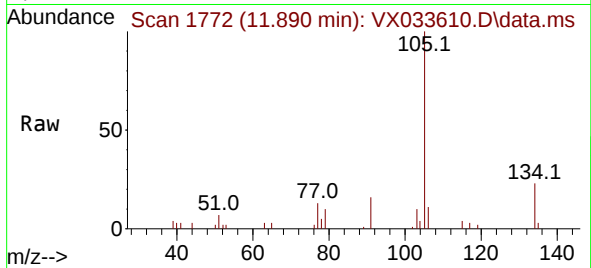
#85
 sec-Butylbenzene
 Concen: 0.903 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



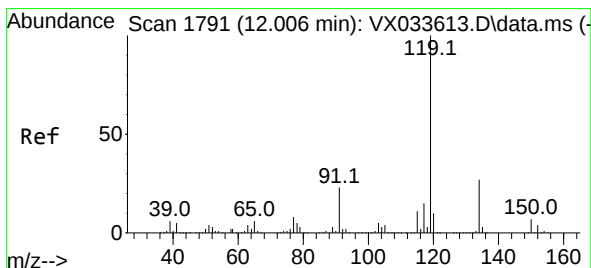
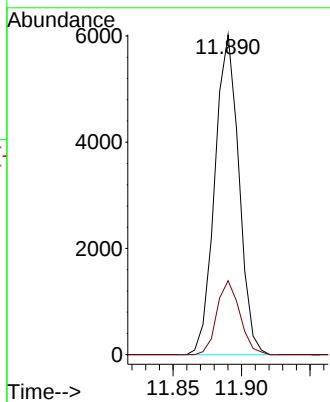
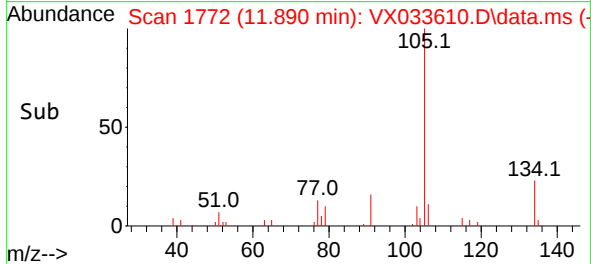
Tgt Ion:105 Resp: 7354
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.8 32.4

Manual Integrations

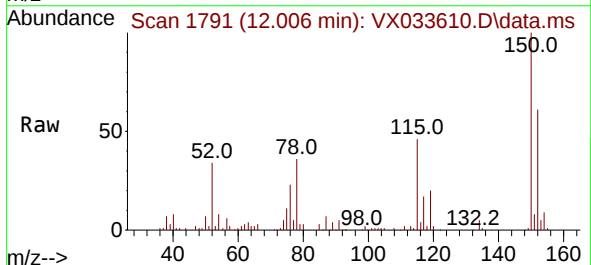
APPROVED

Reviewed By :John Carlone 01/05/2023

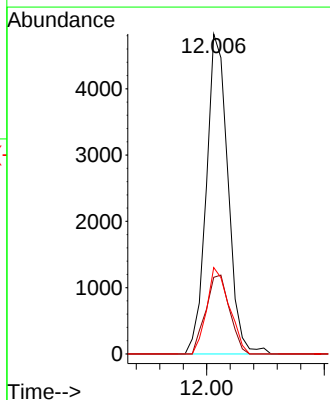
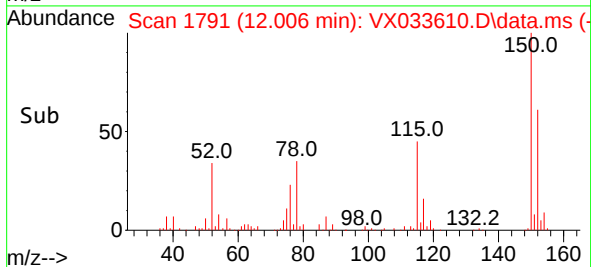
Supervised By :Mahesh Dadoda 01/05/2023

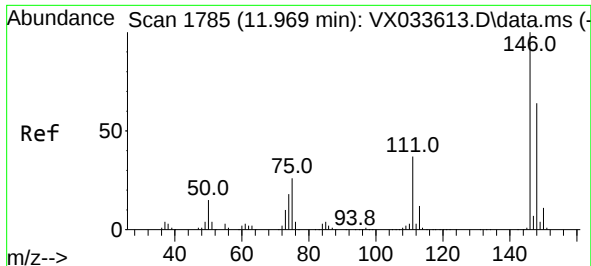


#86
 p-Isopropyltoluene
 Concen: 0.884 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033610.D
 Acq: 04 Jan 2023 10:35



Tgt Ion:119 Resp: 6151
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 28.0 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 1.063 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033610.D

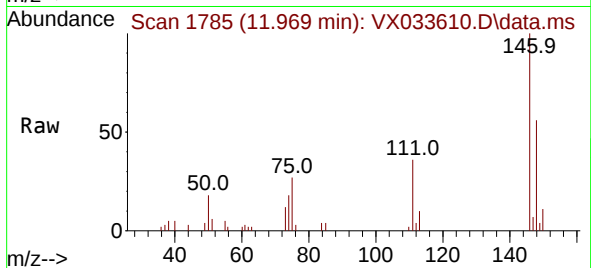
Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001



Tgt Ion:146 Resp: 406

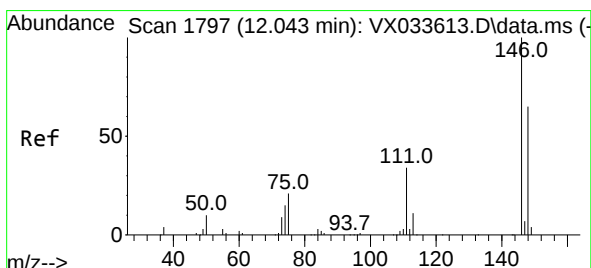
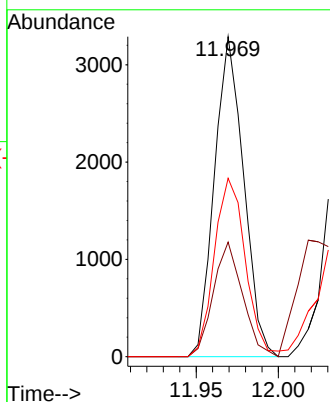
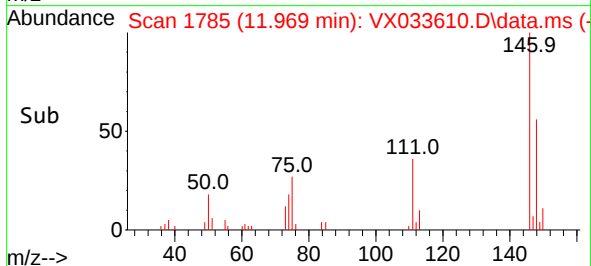
Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.9	56.5
148	59.3	32.0	96.0

Manual Integrations

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Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#88

1,4-Dichlorobenzene

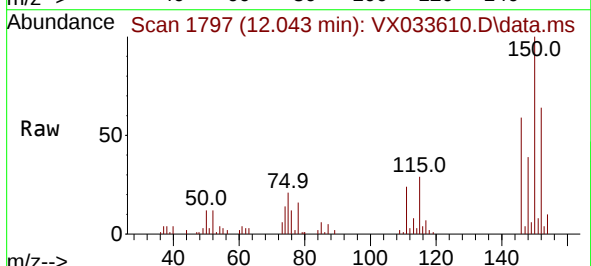
Concen: 1.097 ug/l m

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

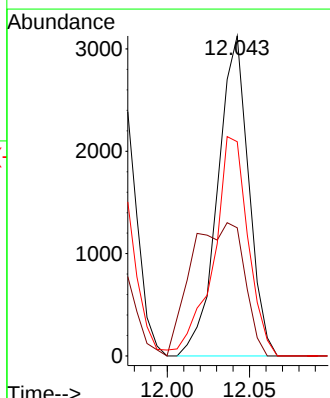
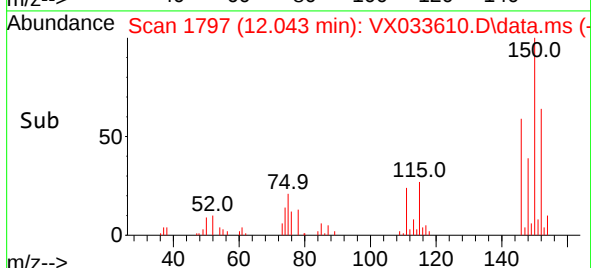
Lab File: VX033610.D

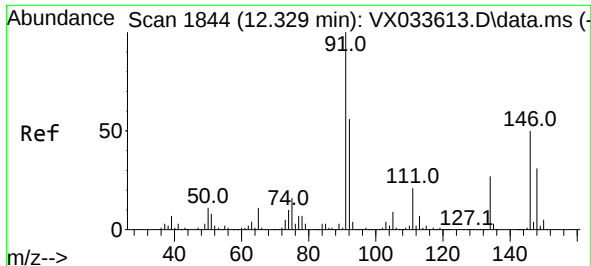
Acq: 04 Jan 2023 10:35



Tgt Ion:146 Resp: 4103

Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.2	54.6
148	58.8	32.2	96.6





#89

n-Butylbenzene

Concen: 0.915 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

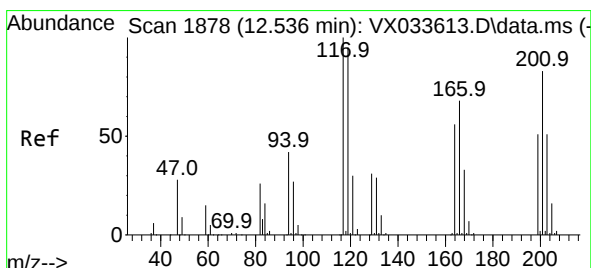
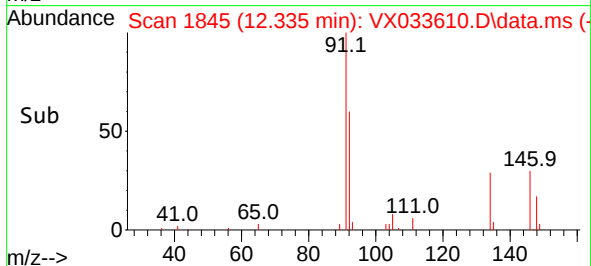
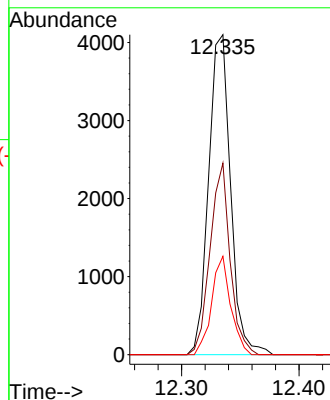
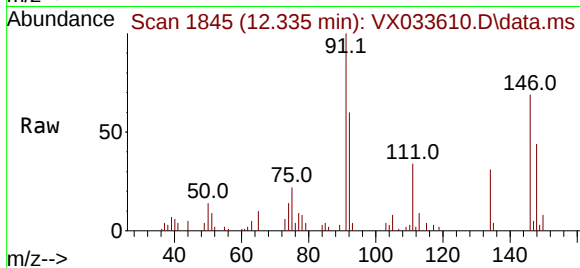
Tgt Ion: 91	Resp: 5324
Ion Ratio	Lower Upper
91	100
92	54.7 27.6 82.7
134	26.8 14.1 42.4

Manual Integrations

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Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#90

Hexachloroethane

Concen: 0.991 ug/l

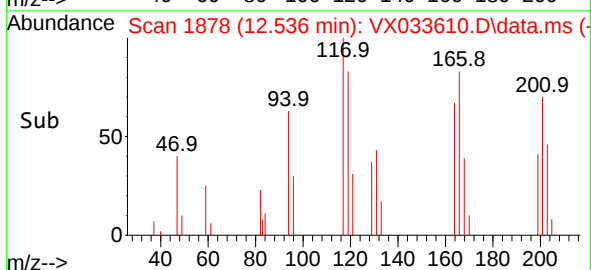
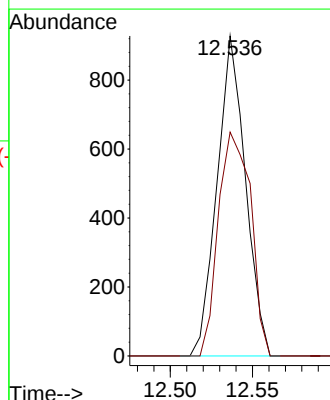
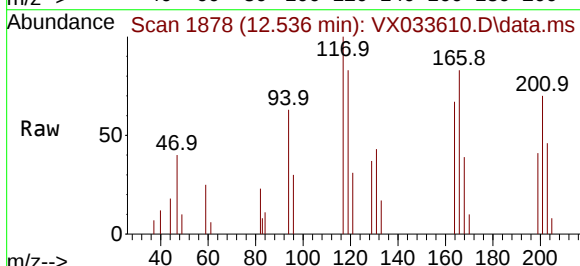
RT: 12.536 min Scan# 1878

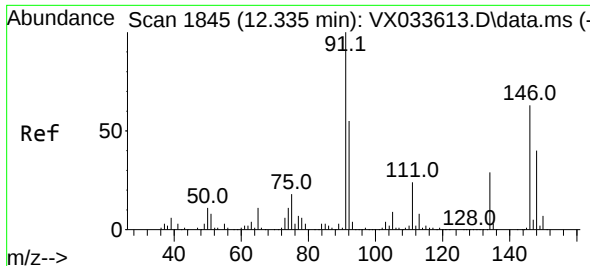
Delta R.T. -0.000 min

Lab File: VX033610.D

Acq: 04 Jan 2023 10:35

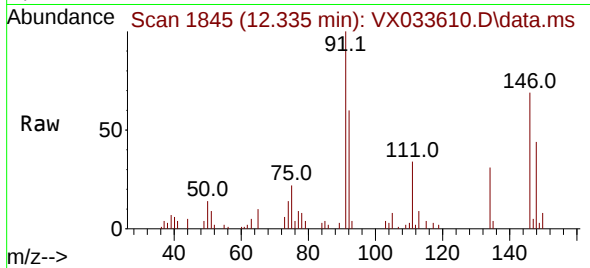
Tgt Ion: 117	Resp: 1113
Ion Ratio	Lower Upper
117	100
201	79.7 45.6 136.7





#91
1,2-Dichlorobenzene
Concen: 1.030 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

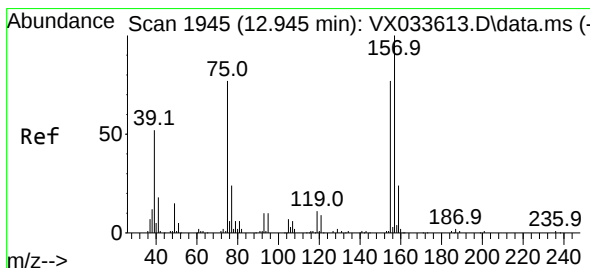
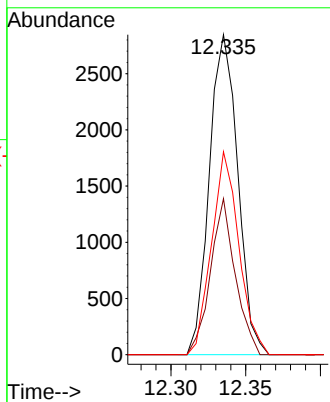
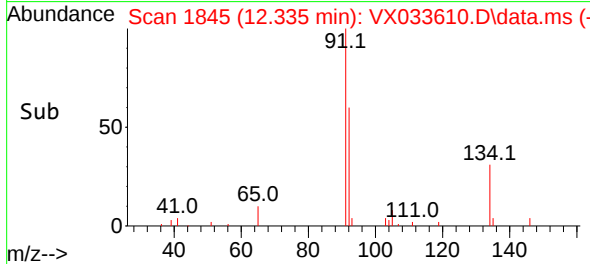
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



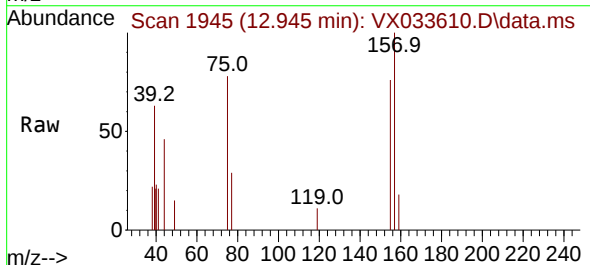
Tgt Ion:146 Resp: 376
Ion Ratio Lower Upper
146 100
111 42.5 19.7 59.0
148 61.1 32.1 96.5

Manual Integrations
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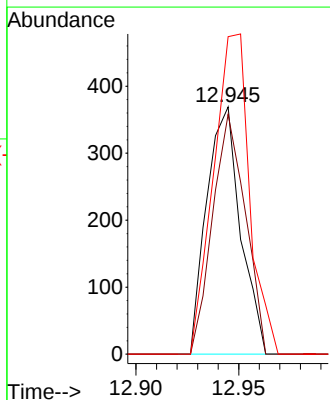
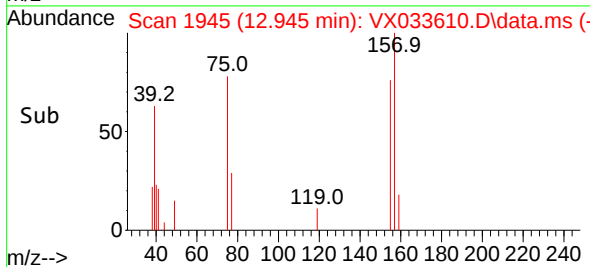
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

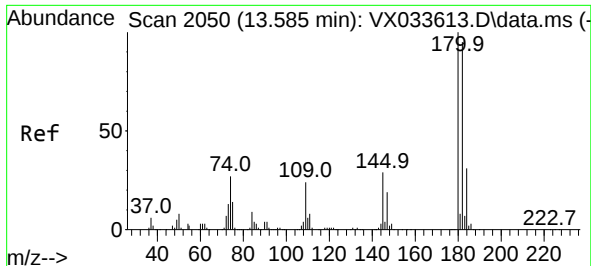


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.905 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



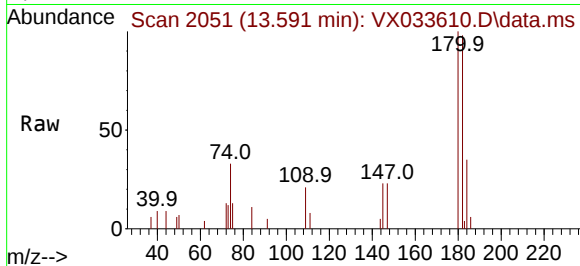
Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
155 94.3 48.4 145.0
157 138.7 62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 0.770 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

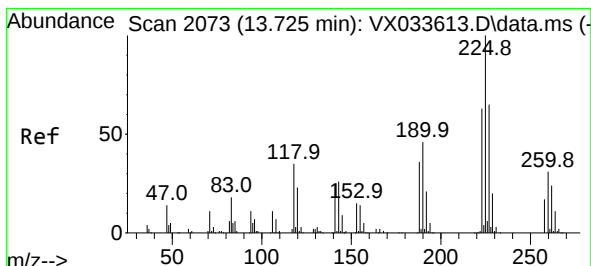
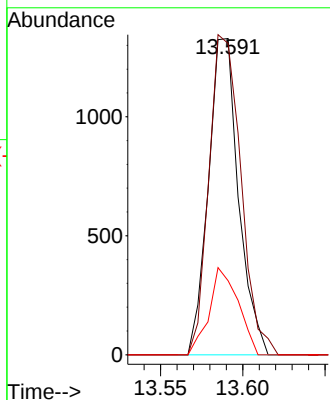
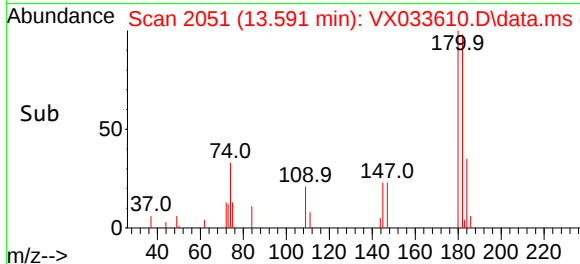
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



Tgt Ion:180 Resp: 1692
Ion Ratio Lower Upper
180 100
182 107.0 47.4 142.2
145 26.5 14.1 42.2

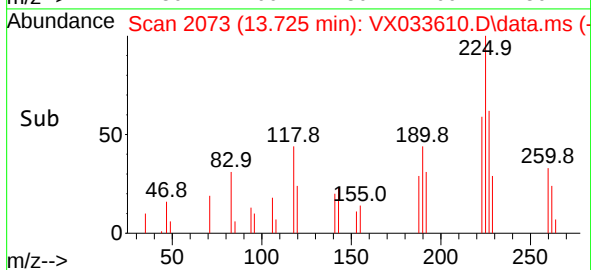
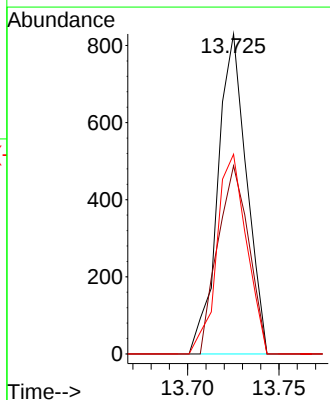
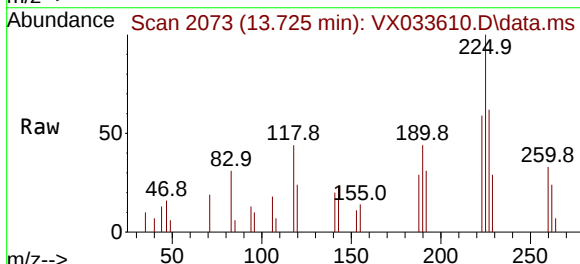
Manual Integrations
APPROVED

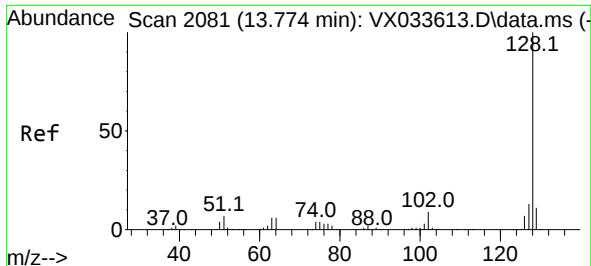
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#94
Hexachlorobutadiene
Concen: 0.813 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

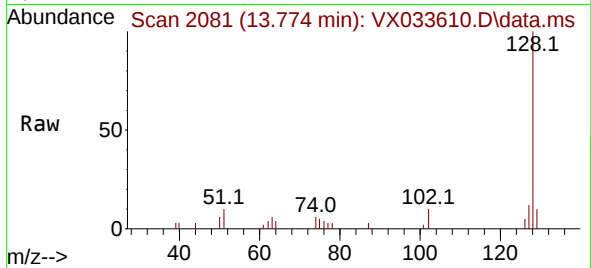
Tgt Ion:225 Resp: 908
Ion Ratio Lower Upper
225 100
223 63.3 31.4 94.3
227 64.4 31.9 95.5





#95
Naphthalene
Concen: 0.700 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35

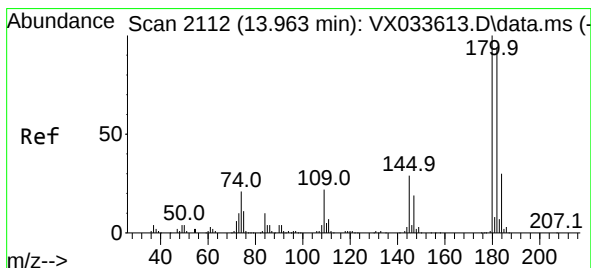
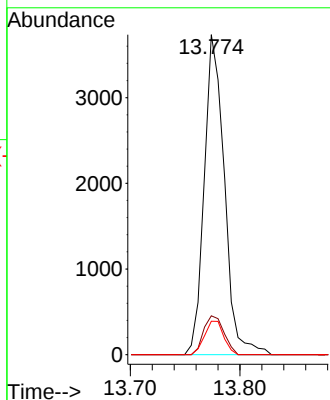
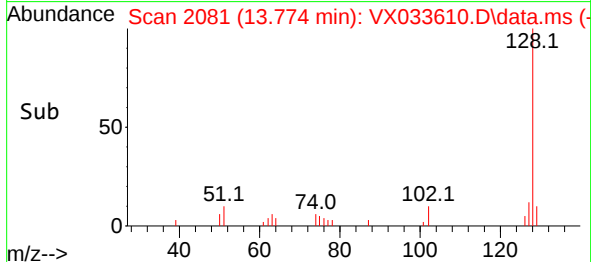
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001



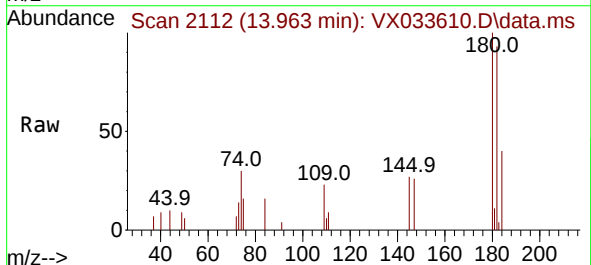
Tgt Ion:128 Resp: 477
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.0 9.0 13.4

Manual Integrations
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Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.725 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033610.D
Acq: 04 Jan 2023 10:35



Tgt Ion:180 Resp: 1617
Ion Ratio Lower Upper
180 100
182 100.6 47.2 141.6
145 29.3 15.0 45.0

