

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076537.D
 Acq On : 06 Feb 2023 12:22
 Operator : JC\MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2023
 Supervised By : Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 01:00:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:00:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	553171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	951720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	797356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	302868	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	74 - 125	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	86 - 113	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	2.142	85	4482	0.369	ug/l	92
3) Chloromethane	2.377	50	5490	0.976	ug/l	96
4) Vinyl Chloride	2.530	62	4533	0.975	ug/l	96
6) Chloroethane	3.130	64	3127	1.077	ug/l #	75
7) Trichlorofluoromethane	3.512	101	9741	0.963	ug/l	98
8) Diethyl Ether	3.983	74	3670	0.998	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.395	101	5948	1.009	ug/l	97
12) 1,1-Dichloroethene	4.353	96	5681	1.015	ug/l	94
14) Allyl chloride	5.042	41	6777	0.926	ug/l	95
15) Acrylonitrile	5.747	53	13033	4.999	ug/l	97
16) Acetone	4.459	43	14480	6.286	ug/l	98
17) Carbon Disulfide	4.724	76	14222	0.999	ug/l	98
18) Methyl Acetate	5.053	43	7166	1.018	ug/l #	89
19) Methyl tert-butyl Ether	5.818	73	17307	0.951	ug/l	92
20) Methylene Chloride	5.295	84	7692	1.156	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	5634	0.955	ug/l	84
22) Diisopropyl ether	6.677	45	15455	0.947	ug/l	96
23) Vinyl Acetate	6.624	43	51687	4.917	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	9772	0.944	ug/l #	87
25) 2-Butanone	7.506	43	16582	5.093	ug/l #	87
26) 2,2-Dichloropropane	7.506	77	8819m	1.011	ug/l	
27) cis-1,2-Dichloroethene	7.500	96	6698	0.970	ug/l	94
28) Bromochloromethane	7.836	49	4110	0.959	ug/l #	99
29) Tetrahydrofuran	7.853	42	9815	4.738	ug/l	98
30) Chloroform	7.977	83	11653	1.025	ug/l	89
32) 1,1,1-Trichloroethane	8.183	97	9913	0.978	ug/l #	47
36) 1,1-Dichloropropene	8.383	75	8332	0.990	ug/l	97
37) Ethyl Acetate	7.571	43	7586	1.130	ug/l #	78
38) Carbon Tetrachloride	8.371	117	9111	0.994	ug/l #	76
39) Methylcyclohexane	9.606	83	8605	0.843	ug/l	97
40) Benzene	8.606	78	24492	0.956	ug/l	99
41) Methacrylonitrile	7.806	41	3200	0.893	ug/l #	18
42) 1,2-Dichloroethane	8.671	62	8223	0.966	ug/l	91
43) Isopropyl Acetate	8.700	43	11057	1.013	ug/l	93
44) Trichloroethene	9.353	130	7007	1.023	ug/l	96
45) 1,2-Dichloropropane	9.630	63	6370	1.025	ug/l #	88

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 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Manual Integrations**APPROVED**

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Quant Time: Feb 07 01:00:58 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M

Quant Title : SW846 8260

QLast Update : Tue Feb 07 01:00:56 2023

Response via : Initial Calibration

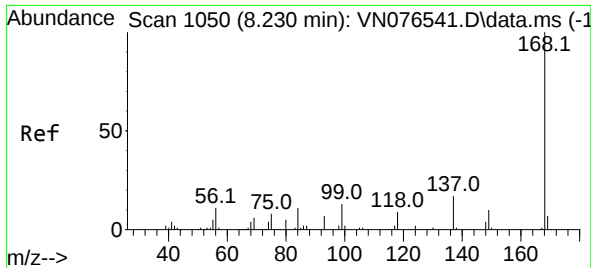
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.712	93	4774	1.071	ug/l	88
47) Bromodichloromethane	9.894	83	8630	0.967	ug/l	98
48) Methyl methacrylate	9.688	41	4826	0.926	ug/l	98
49) 1,4-Dioxane	9.700	88	2587	21.062	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	29920	4.573	ug/l	98
52) Toluene	10.635	92	14361	0.878	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	7730	0.895	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	8228	0.845	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	6111	0.955	ug/l	91
56) Ethyl methacrylate	10.877	69	6489	0.755	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	9839	0.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	9597	8.565	ug/l	96
59) 2-Hexanone	11.200	43	22015	4.632	ug/l	90
60) Dibromochloromethane	11.359	129	6214	0.914	ug/l	92
61) 1,2-Dibromoethane	11.471	107	6223	0.973	ug/l	95
64) Tetrachloroethene	11.106	164	8452	1.256	ug/l	85
65) Chlorobenzene	11.894	112	17711	1.074	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	5750	0.952	ug/l #	65
67) Ethyl Benzene	11.965	91	27675	0.953	ug/l	97
68) m/p-Xylenes	12.076	106	19931	1.771	ug/l	99
69) o-Xylene	12.400	106	9842	0.890	ug/l	97
70) Styrene	12.418	104	14667	0.834	ug/l	95
71) Bromoform	12.582	173	3969	0.920	ug/l #	99
73) Isopropylbenzene	12.700	105	22152	0.918	ug/l	99
74) N-amyl acetate	12.500	43	6997	0.994	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	7451	1.065	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	6969m	1.061	ug/l	
77) Bromobenzene	12.982	156	6240	1.099	ug/l	96
78) n-propylbenzene	13.041	91	23793	0.886	ug/l	100
79) 2-Chlorotoluene	13.129	91	17428	1.022	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	18323	0.895	ug/l	98
82) 4-Chlorotoluene	13.129	91	17428	1.022	ug/l	97
83) tert-Butylbenzene	13.441	119	16395	0.901	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	18143	0.894	ug/l	100
85) sec-Butylbenzene	13.618	105	21252	0.866	ug/l	97
86) p-Isopropyltoluene	13.735	119	15565	0.779	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	11314	1.075	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	12552m	1.183	ug/l	
89) n-Butylbenzene	14.059	91	14069	0.888	ug/l	98
90) Hexachloroethane	14.329	117	3061	0.897	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	10920	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1437	1.192	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	5063	1.113	ug/l	96
94) Hexachlorobutadiene	15.500	225	2846	1.089	ug/l	99
95) Naphthalene	15.641	128	15275	1.140	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	4626	1.058	ug/l	97

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

Manual Integrations

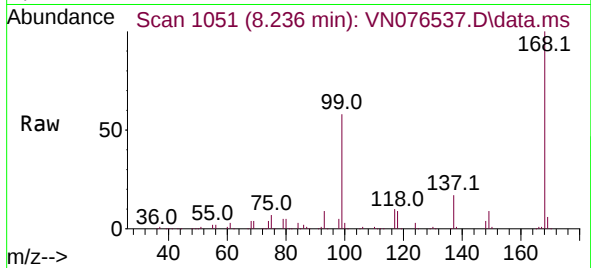
Quant Time: Feb 07 01:00:58 2023
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

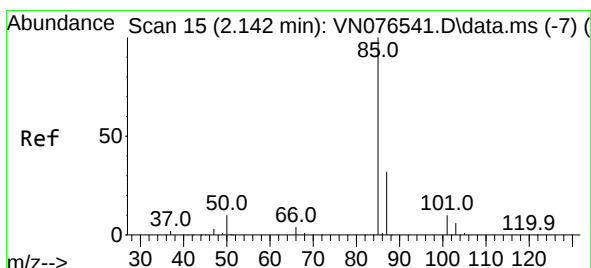
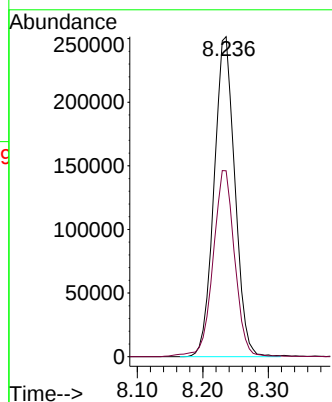
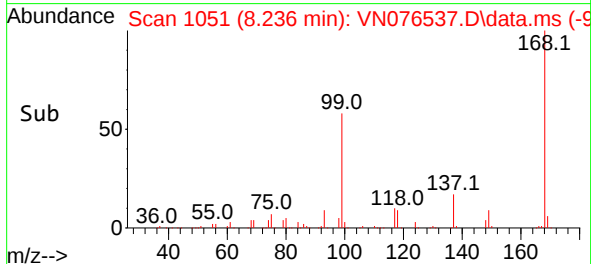
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



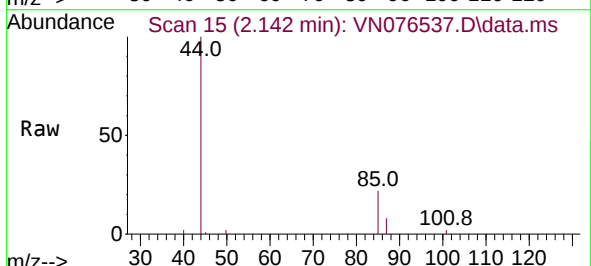
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Ion Ratio Lower Upper
168 100
99 57.9 47.1 70.7

Manual Integrations
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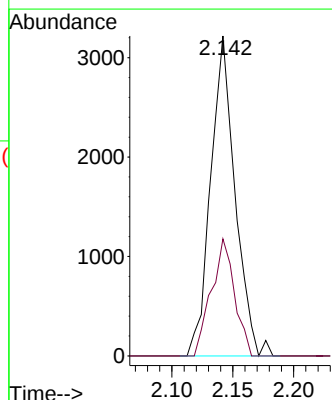
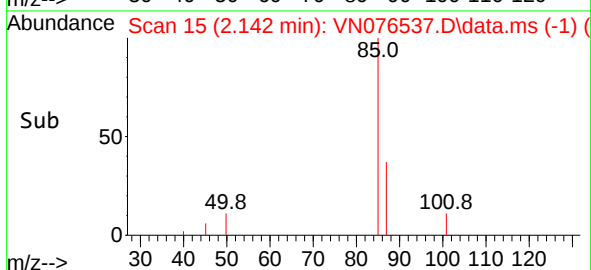
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

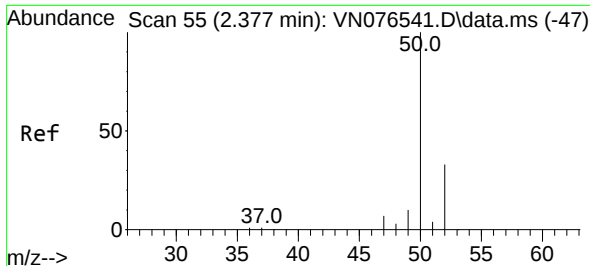


#2
Dichlorodifluoromethane
Concen: 0.369 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



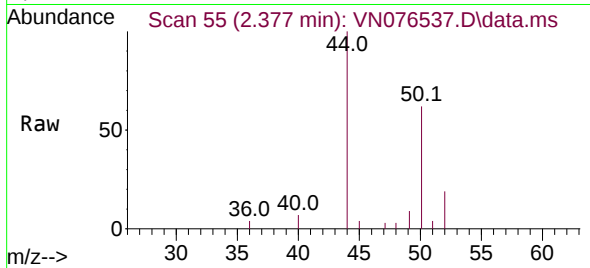
Tgt Ion: 85 Resp: 4482
Ion Ratio Lower Upper
85 100
87 36.6 16.2 48.6





#3
Chloromethane
Concen: 0.976 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

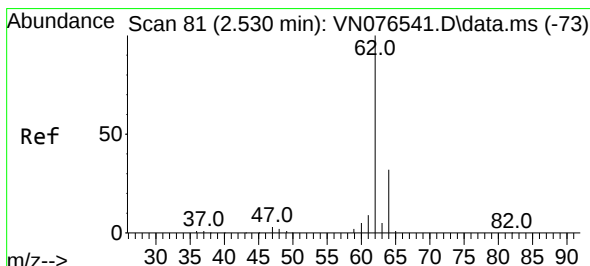
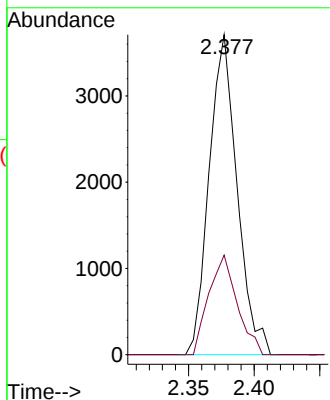
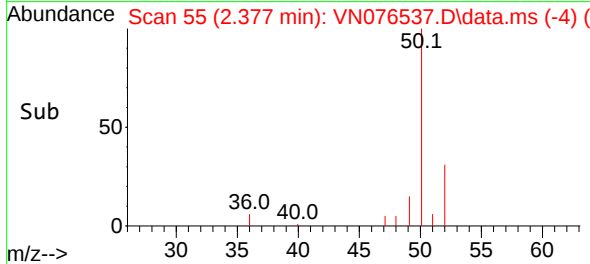
Instrument :
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ClientSampleId :
VSTDIC001



Tgt Ion: 50 Resp: 5490
Ion Ratio Lower Upper
50 100
52 31.1 26.6 40.0

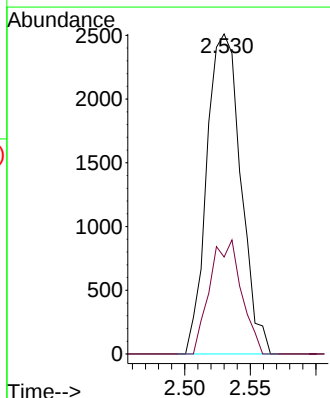
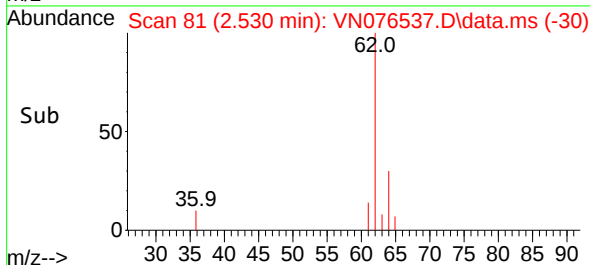
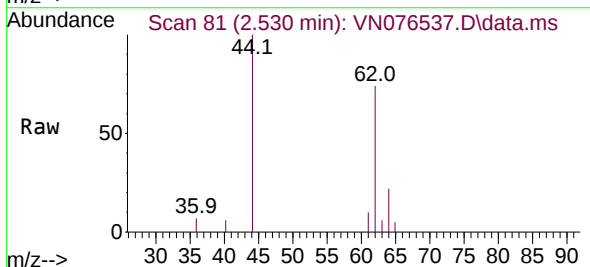
Manual Integrations
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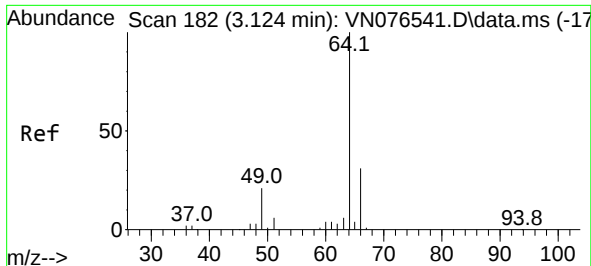
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#4
Vinyl Chloride
Concen: 0.975 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

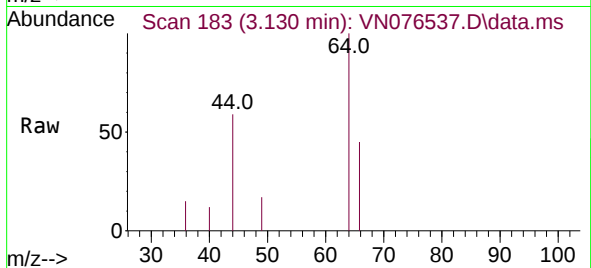
Tgt Ion: 62 Resp: 4533
Ion Ratio Lower Upper
62 100
64 30.3 25.9 38.9





#6
Chloroethane
Concen: 1.077 ug/l
RT: 3.130 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

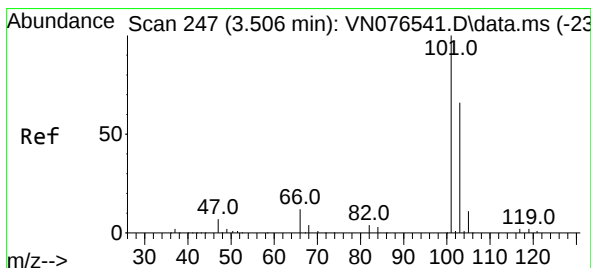
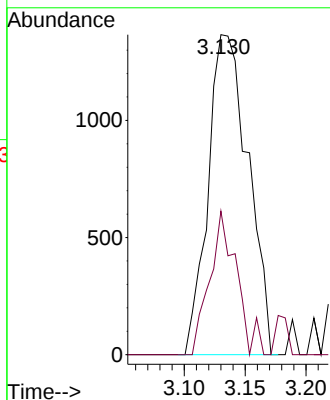
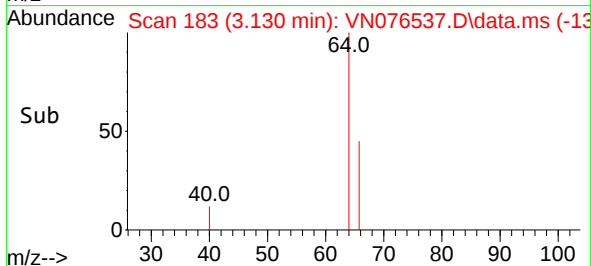
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



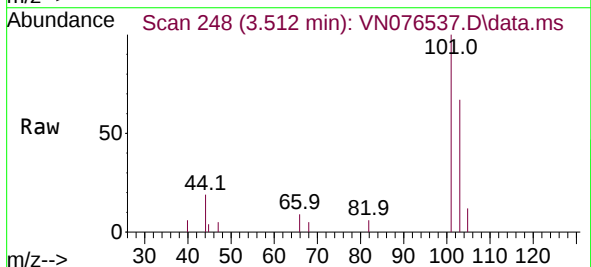
Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 44.9 25.0 37.6

Manual Integrations
APPROVED

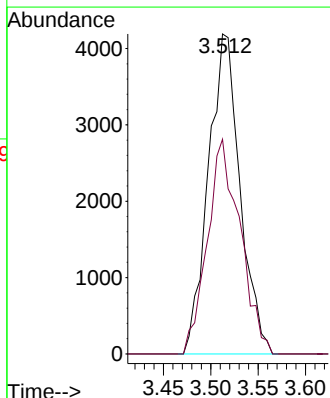
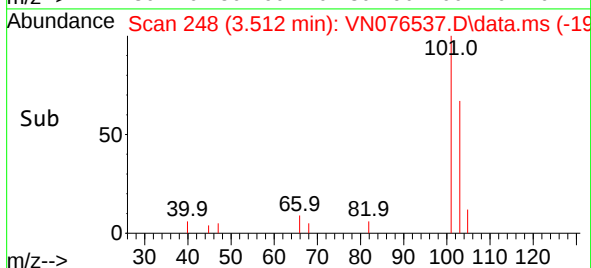
Reviewed By :John Carlone 02/07/2023
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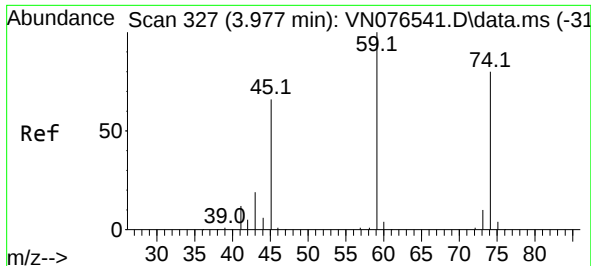


#7
Trichlorofluoromethane
Concen: 0.963 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



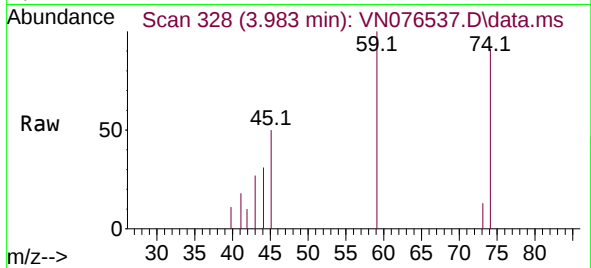
Tgt Ion:101 Resp: 9741
Ion Ratio Lower Upper
101 100
103 67.1 52.6 78.8





#8
Diethyl Ether
Concen: 0.998 ug/l
RT: 3.983 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

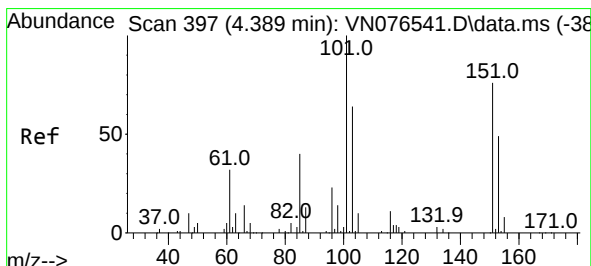
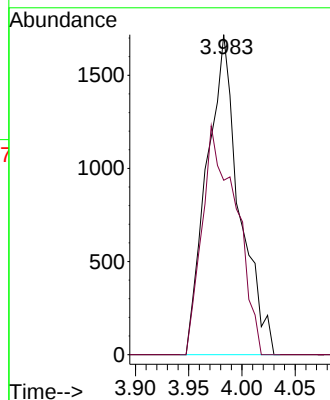
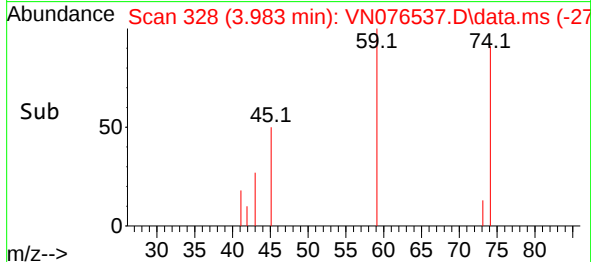
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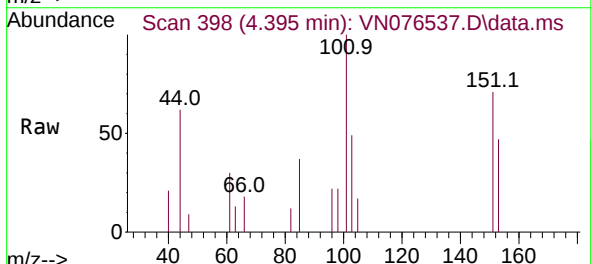
Tgt Ion: 74 Resp: 3670
Ion Ratio Lower Upper
74 100
45 74.6 40.8 122.5

Manual Integrations
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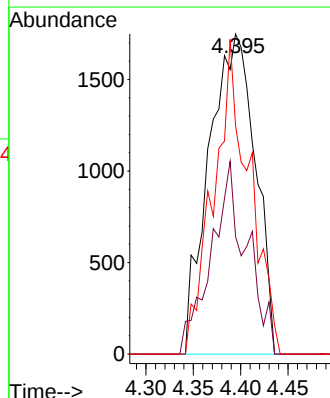
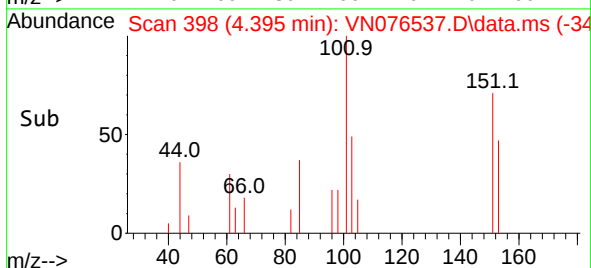
Reviewed By :John Carlone 02/07/2023
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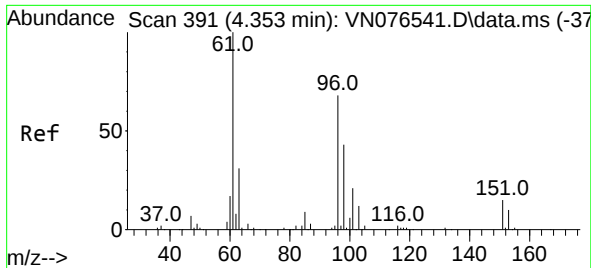


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.009 ug/l
RT: 4.395 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



Tgt Ion:101 Resp: 5948
Ion Ratio Lower Upper
101 100
85 46.2 33.9 50.9
151 75.8 61.2 91.8





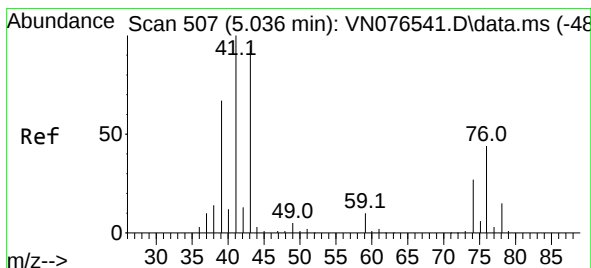
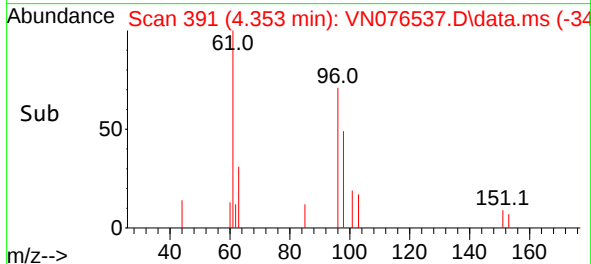
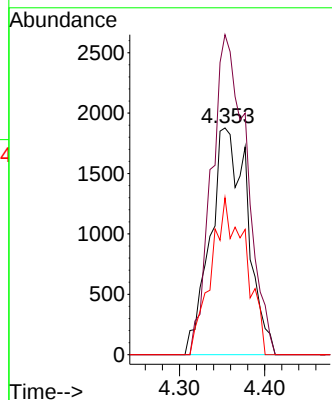
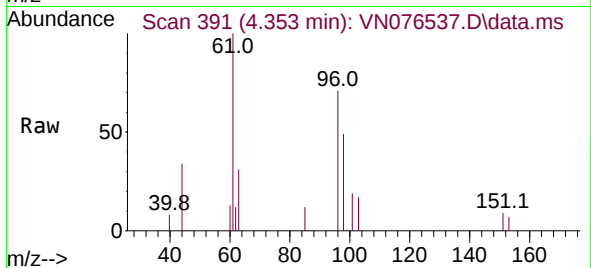
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1,1-Dichloroethene
Concen: 1.015 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 568
Ion Ratio Lower Upper
96 100
61 141.1 117.9 176.9
98 69.2 50.2 75.2

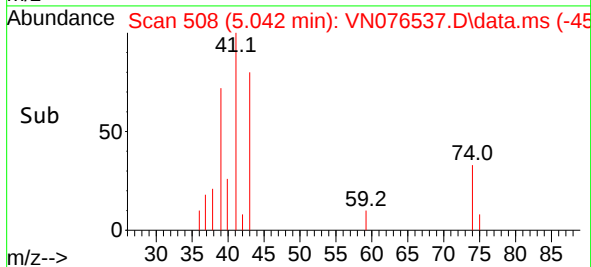
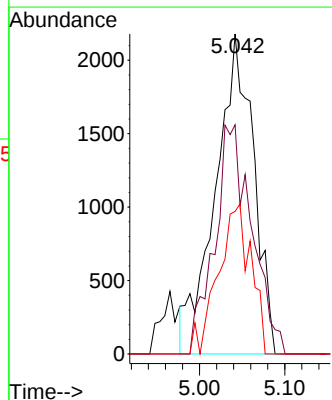
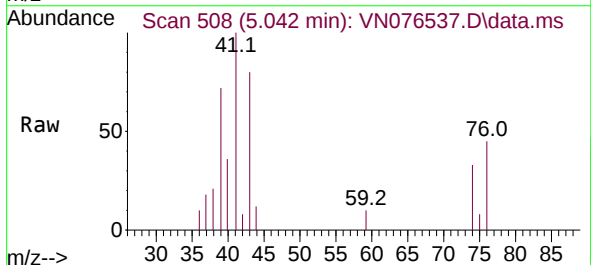
Manual Integrations
APPROVED

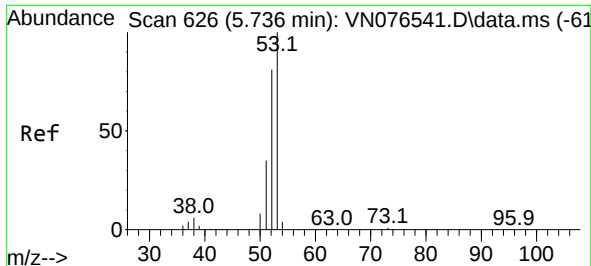
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#14
Allyl chloride
Concen: 0.926 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

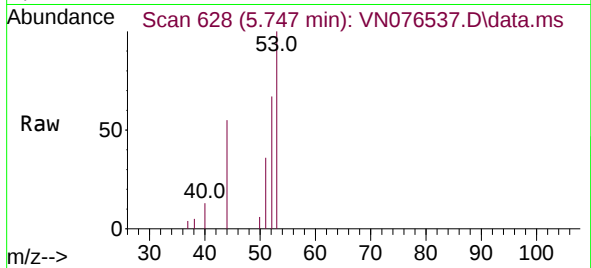
Tgt Ion: 41 Resp: 6777
Ion Ratio Lower Upper
41 100
39 70.4 51.6 77.4
76 40.2 33.1 49.7





#15
Acrylonitrile
Concen: 4.999 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

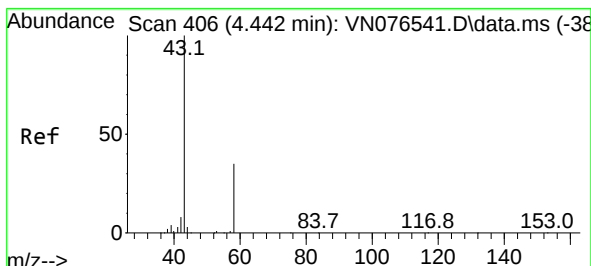
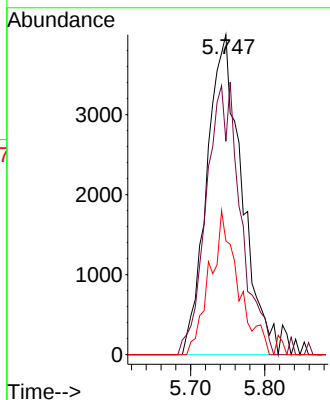
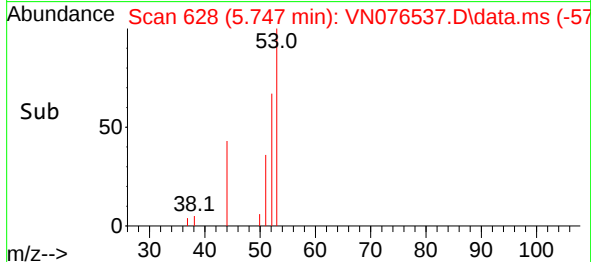
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 53 Resp: 1303
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 36.8 28.7 43.1

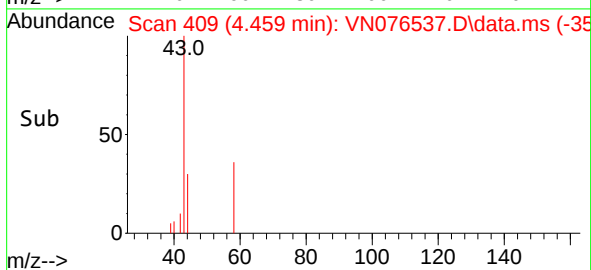
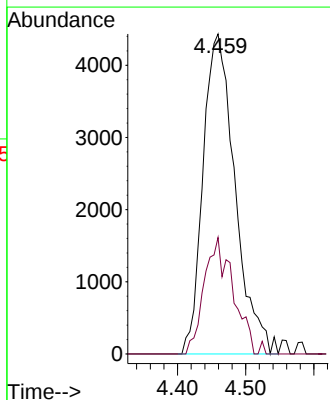
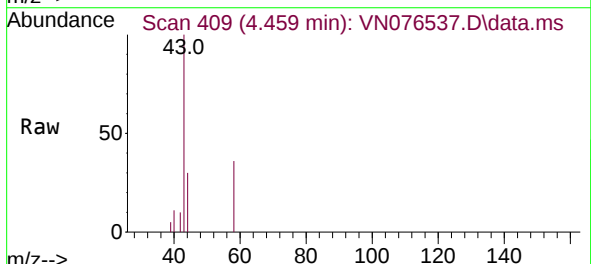
Manual Integrations
APPROVED

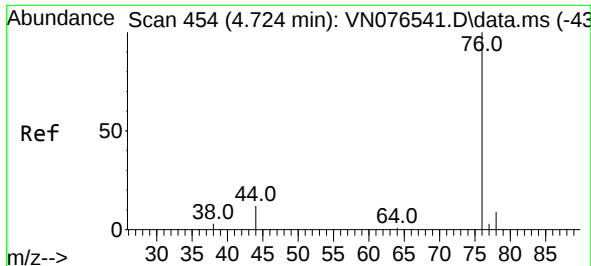
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#16
Acetone
Concen: 6.286 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

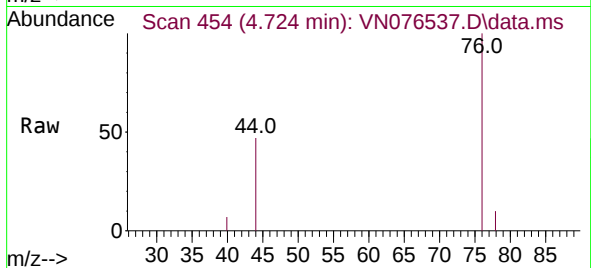
Tgt Ion: 43 Resp: 14480
Ion Ratio Lower Upper
43 100
58 36.4 28.3 42.5





#17
Carbon Disulfide
Concen: 0.999 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

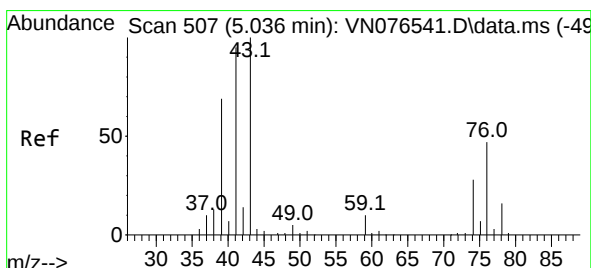
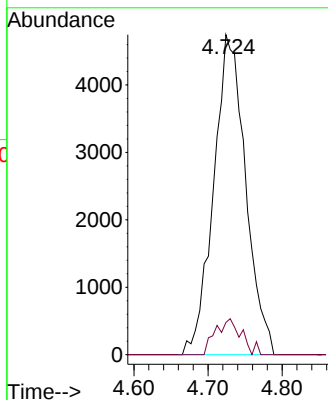
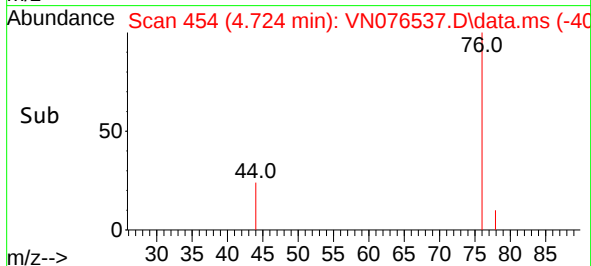
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



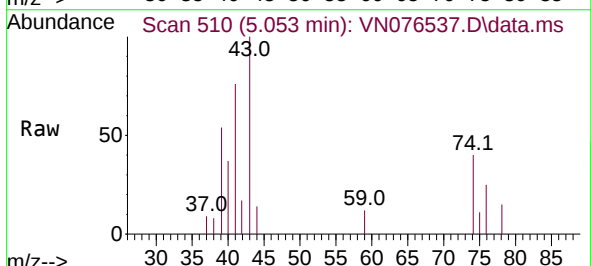
Tgt Ion: 76 Resp: 1422
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

Manual Integrations
APPROVED

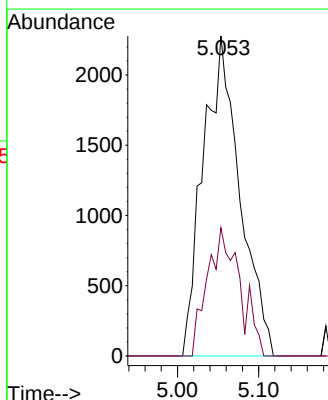
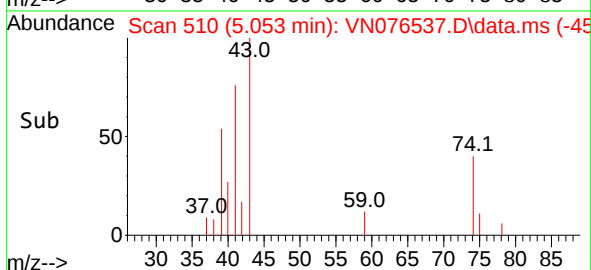
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

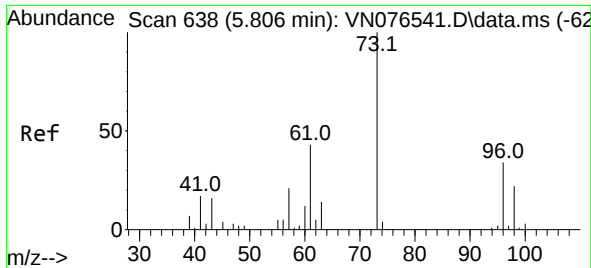


#18
Methyl Acetate
Concen: 1.018 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.018 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



Tgt Ion: 43 Resp: 7166
Ion Ratio Lower Upper
43 100
74 35.4 23.6 35.4#





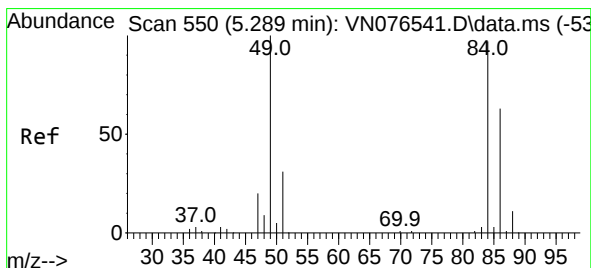
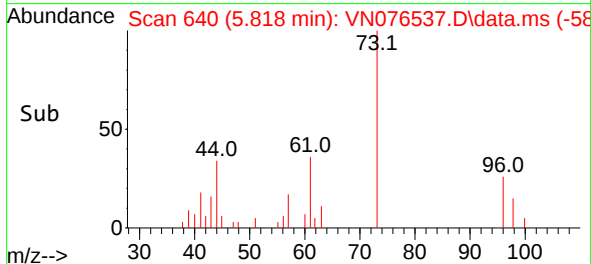
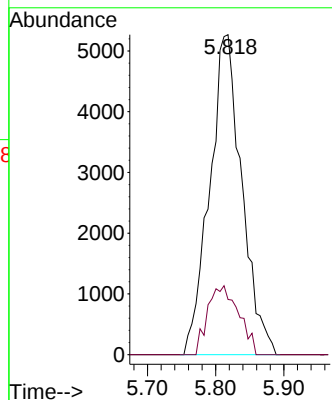
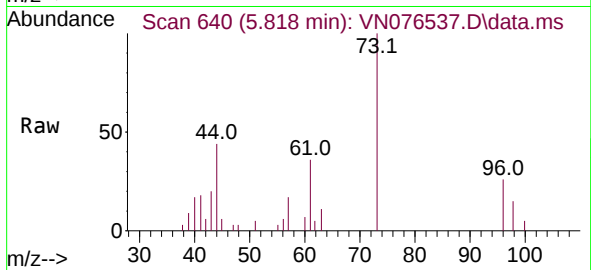
#19
Methyl tert-butyl Ether
Concen: 0.951 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 1730
Ion Ratio Lower Upper
73 100
57 17.3 16.8 25.2

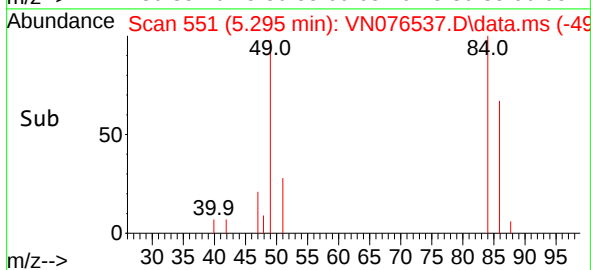
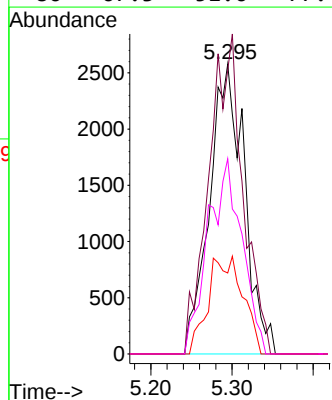
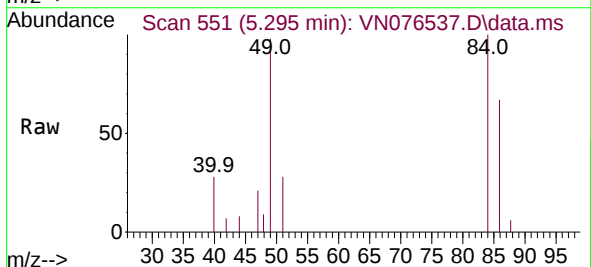
Manual Integrations
APPROVED

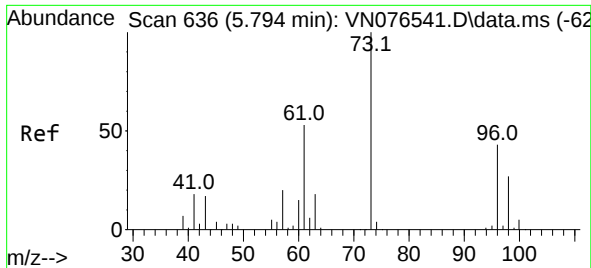
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#20
Methylene Chloride
Concen: 1.156 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

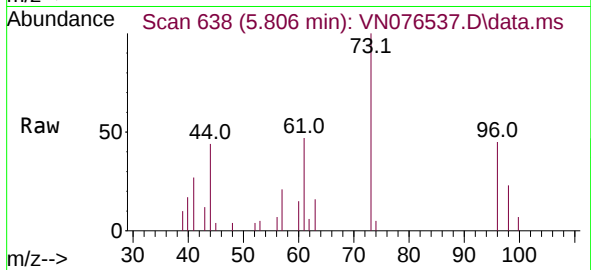
Tgt Ion: 84 Resp: 7692
Ion Ratio Lower Upper
84 100
49 97.9 82.3 123.5
51 28.0 25.9 38.9
86 67.3 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 0.955 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

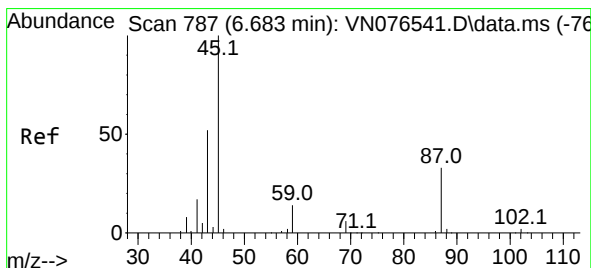
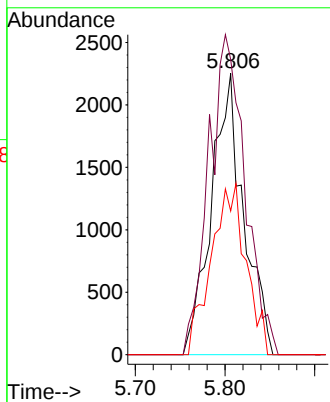
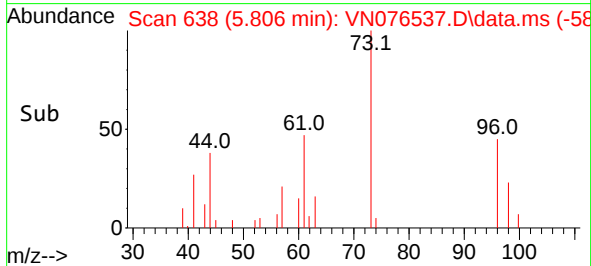
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



Tgt Ion: 96 Resp: 5634
Ion Ratio Lower Upper
96 100
61 104.9 98.6 148.0
98 51.1 49.9 74.9

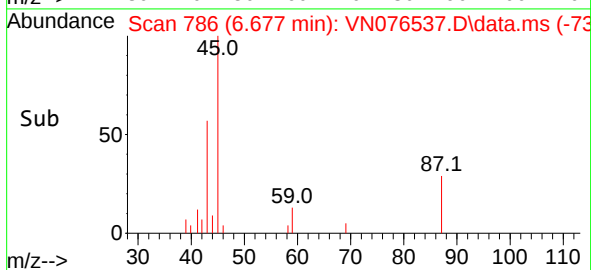
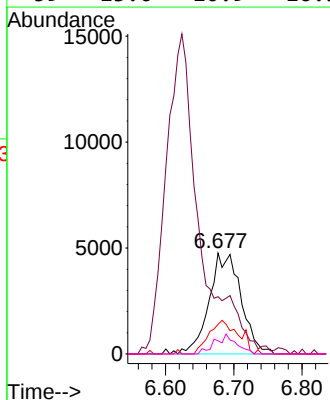
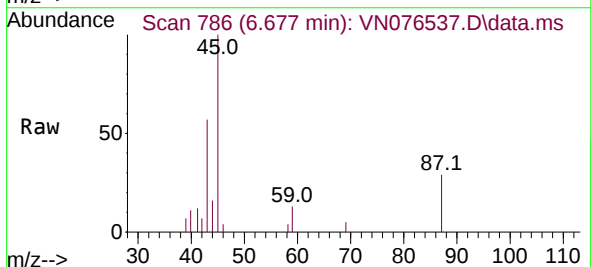
Manual Integrations
APPROVED

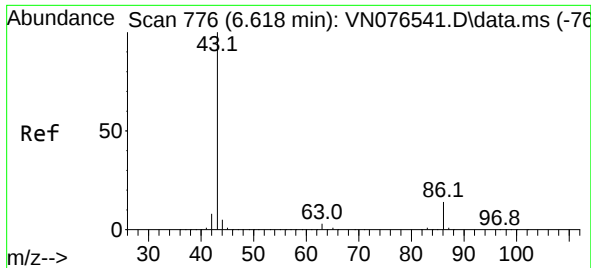
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#22
Diisopropyl ether
Concen: 0.947 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

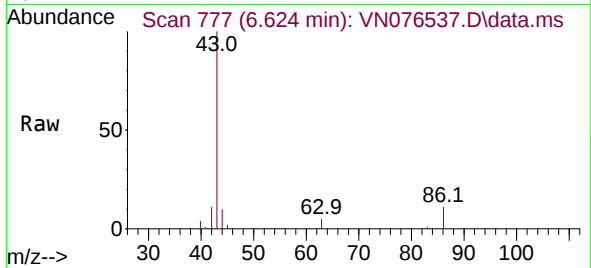
Tgt Ion: 45 Resp: 15455
Ion Ratio Lower Upper
45 100
43 50.5 41.8 62.6
87 29.4 26.6 39.8
59 13.0 10.9 16.3





#23
 Vinyl Acetate
 Concen: 4.917 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

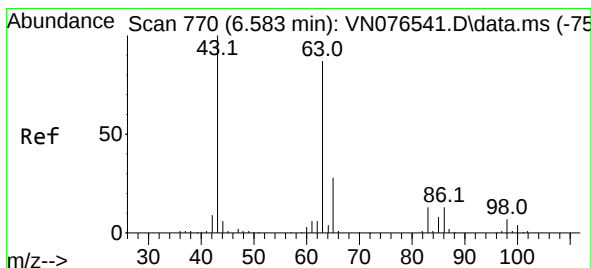
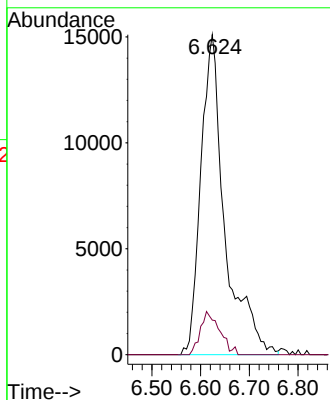
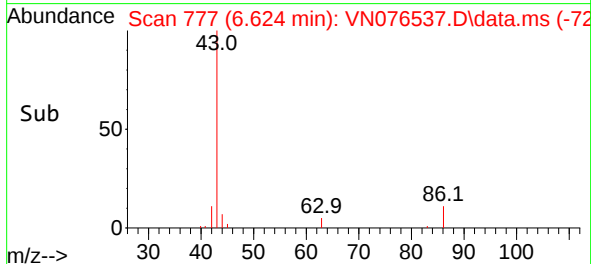
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001



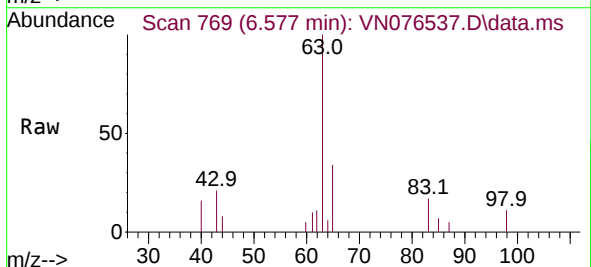
Tgt Ion: 43 Resp: 5168
 Ion Ratio Lower Upper
 43 100
 86 10.8 11.3 16.9

Manual Integrations
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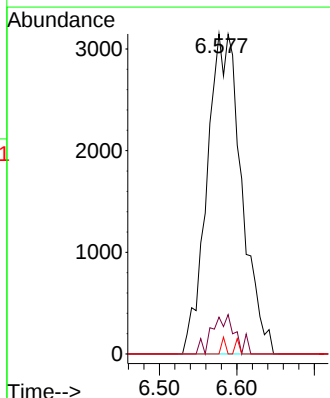
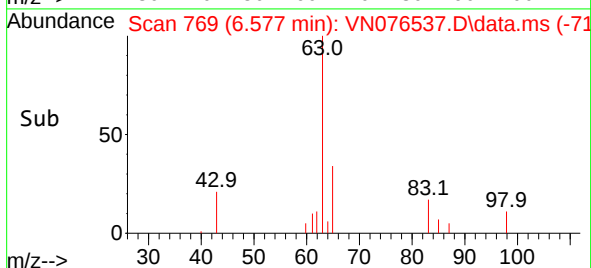
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

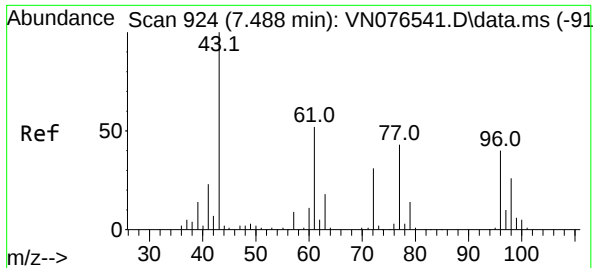


#24
 1,1-Dichloroethane
 Concen: 0.944 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22



Tgt Ion: 63 Resp: 9772
 Ion Ratio Lower Upper
 63 100
 98 11.5 3.9 11.5
 100 0.0 2.5 7.5





#25

2-Butanone

Concen: 5.093 ug/l

RT: 7.506 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1658

Ion Ratio Lower Upper

43 100

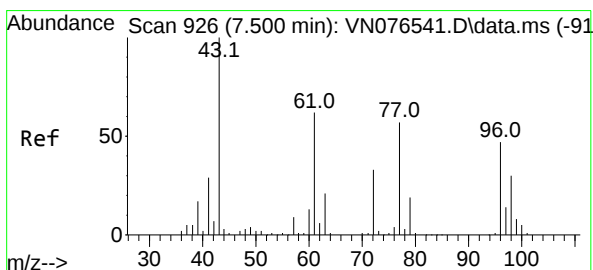
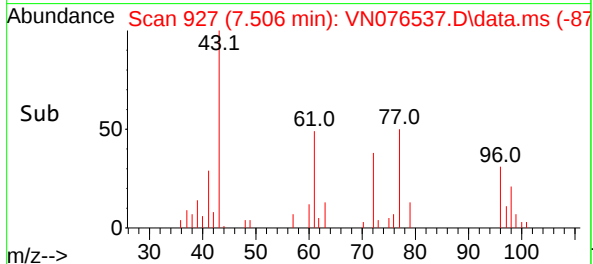
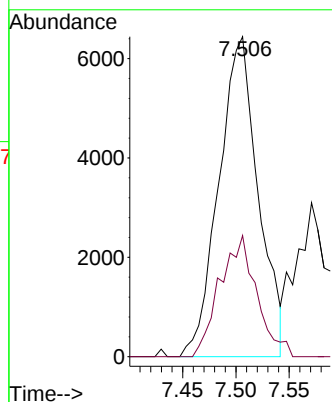
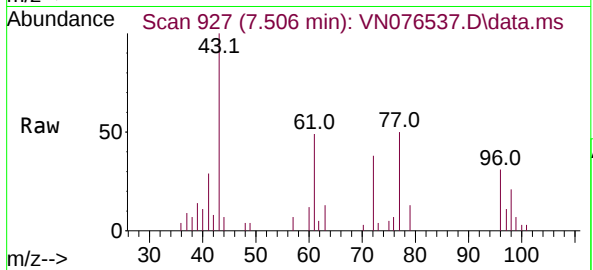
72 37.9 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#26

2,2-Dichloropropane

Concen: 1.011 ug/l m

RT: 7.506 min Scan# 927

Delta R.T. 0.006 min

Lab File: VN076537.D

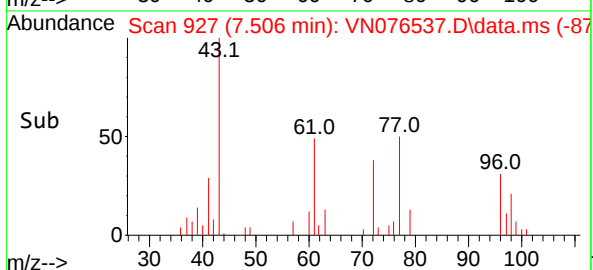
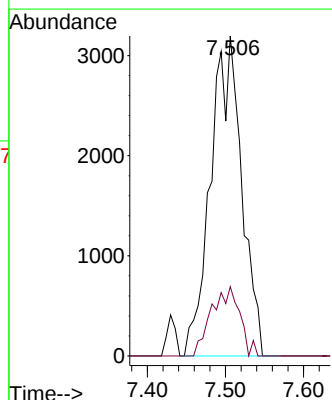
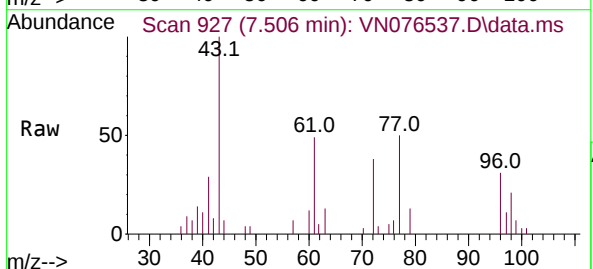
Acq: 06 Feb 2023 12:22

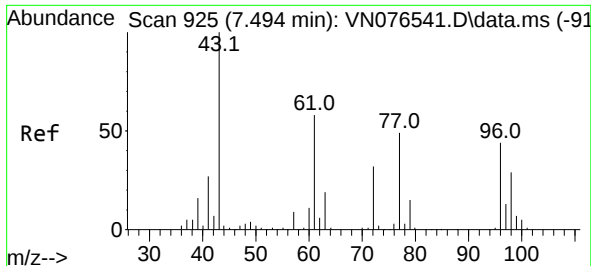
Tgt Ion: 77 Resp: 8819

Ion Ratio Lower Upper

77 100

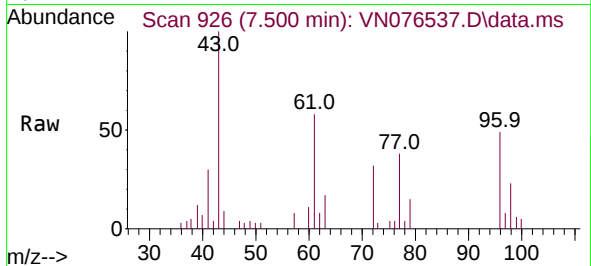
97 19.7 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 0.970 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

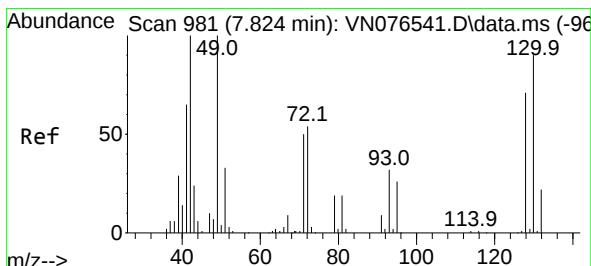
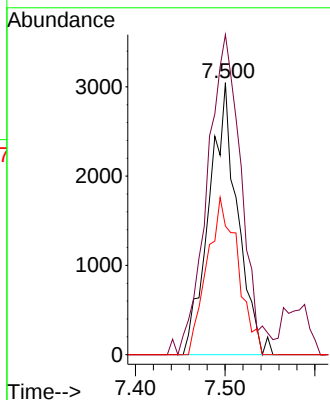
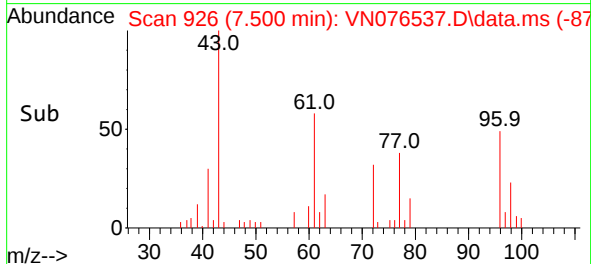
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 6698
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 266.4
 98 62.9 0.0 129.6

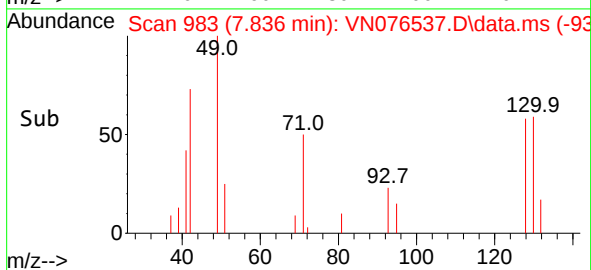
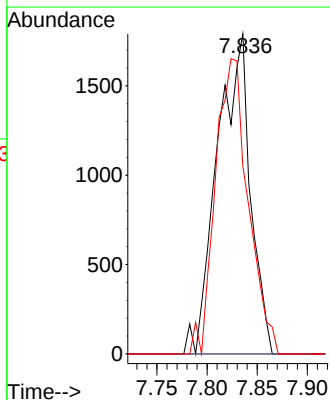
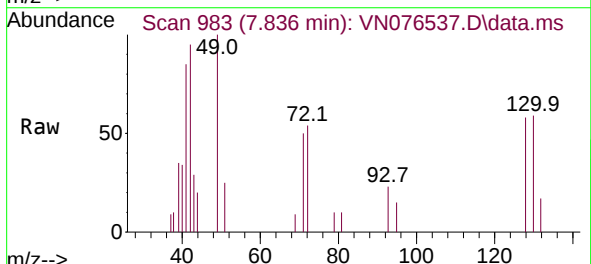
Manual Integrations
 APPROVED

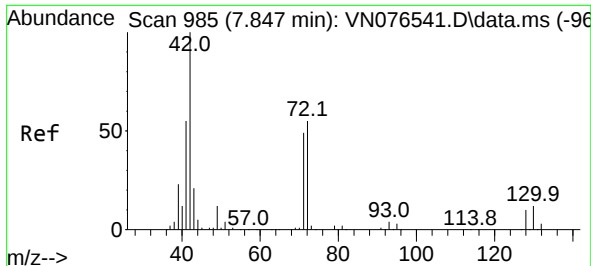
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#28
 Bromochloromethane
 Concen: 0.959 ug/l
 RT: 7.836 min Scan# 983
 Delta R.T. 0.012 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

Tgt Ion: 49 Resp: 4110
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 91.2 72.6 108.8





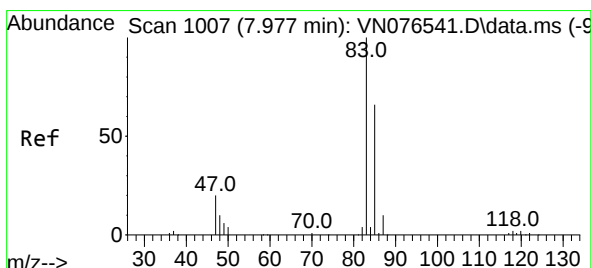
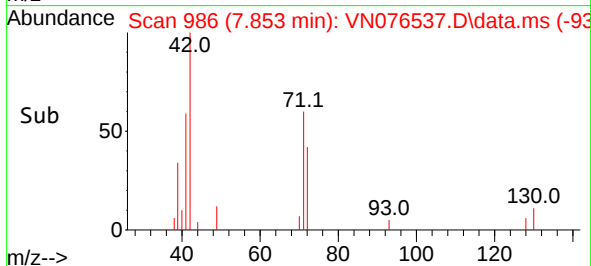
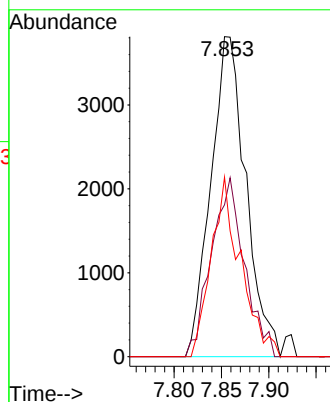
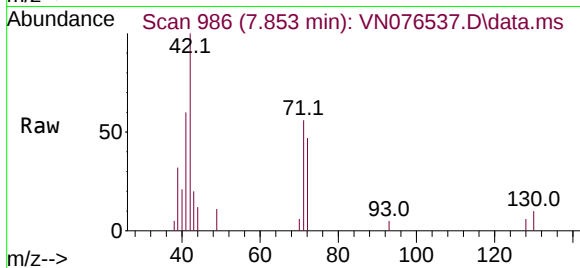
#29
Tetrahydrofuran
Concen: 4.738 ug/l
RT: 7.853 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 42 Resp: 981
Ion Ratio Lower Upper
42 100
72 53.0 43.4 65.2
71 47.3 39.4 59.2

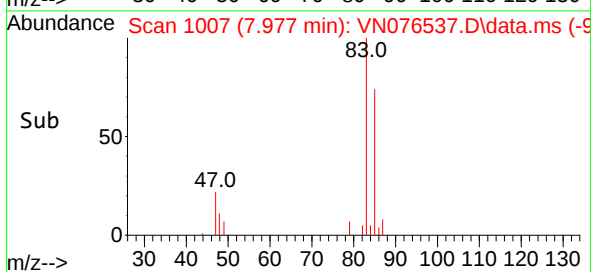
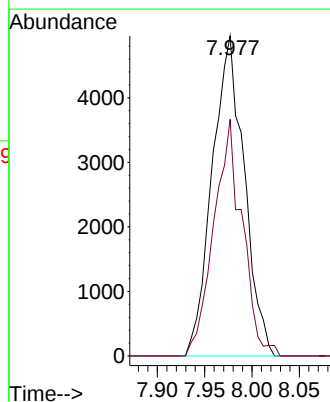
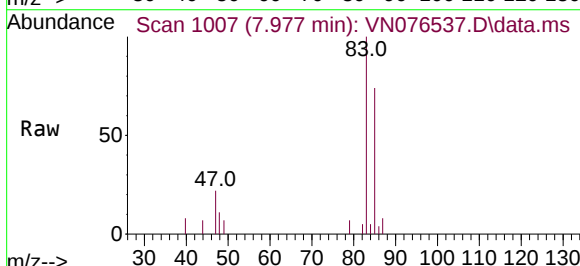
Manual Integrations
APPROVED

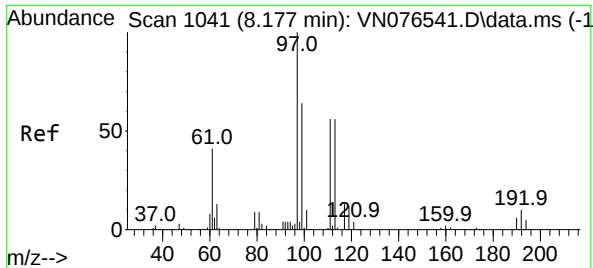
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#30
Chloroform
Concen: 1.025 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 83 Resp: 11653
Ion Ratio Lower Upper
83 100
85 74.0 52.5 78.7





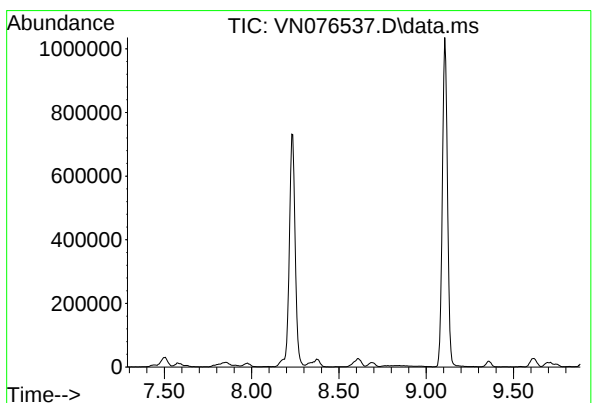
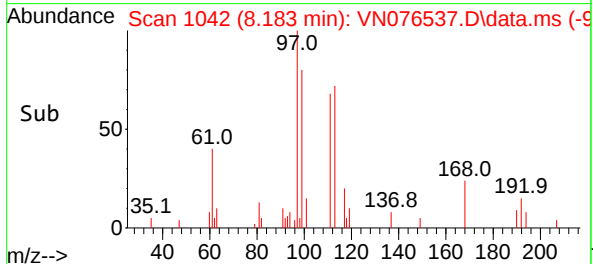
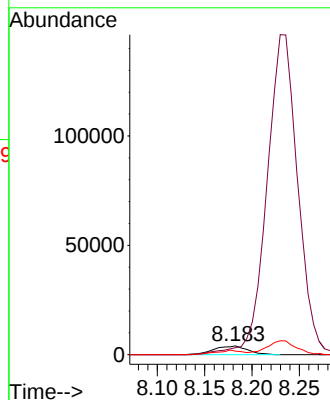
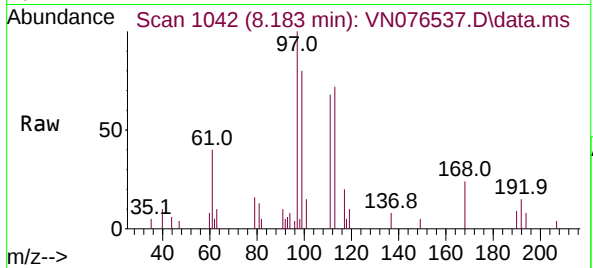
#32
 1,1,1-Trichloroethane
 Concen: 0.978 ug/l
 RT: 8.183 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97	Resp: 991
Ion Ratio	Lower Upper
97	100
99	0.0 53.7 80.5
61	39.6 34.3 51.5

Manual Integrations
 APPROVED

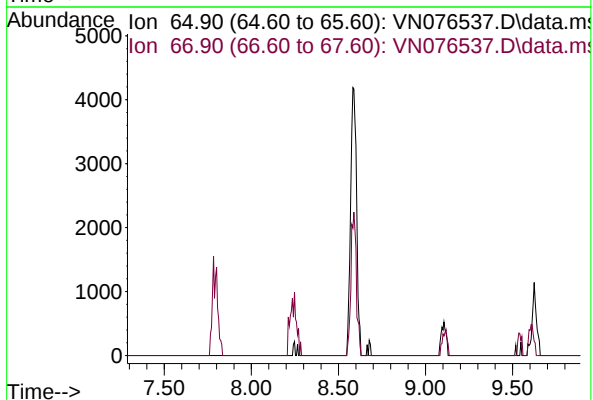
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

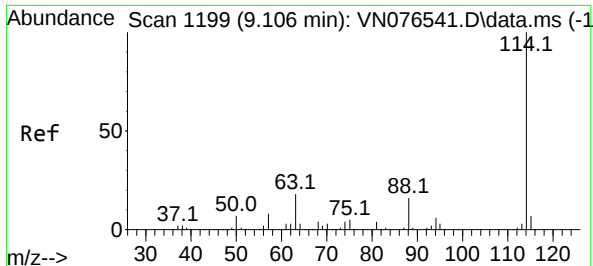


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.59 min

Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

Tgt Ion: 65
Sig Exp Ratio
65 100
67 53.2





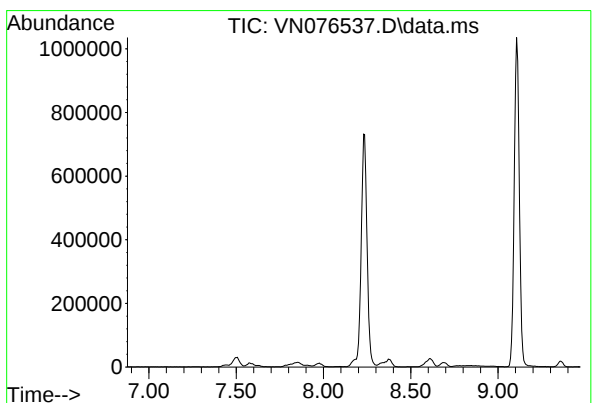
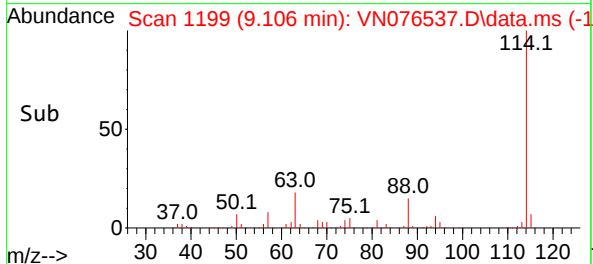
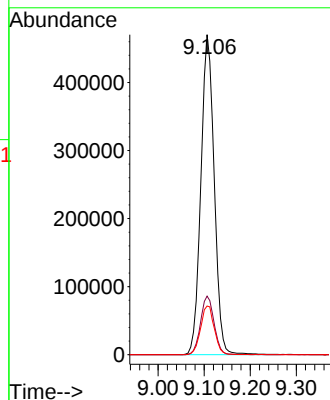
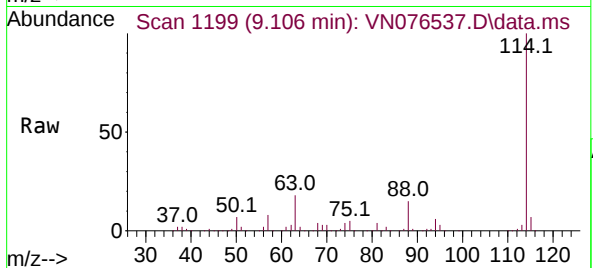
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 951720
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 15.2 0.0 31.4

Manual Integrations
APPROVED

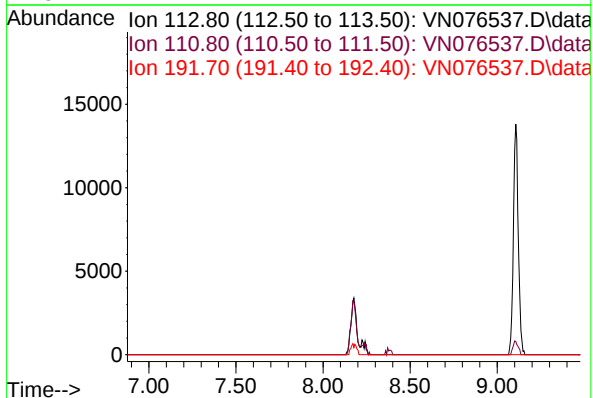
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

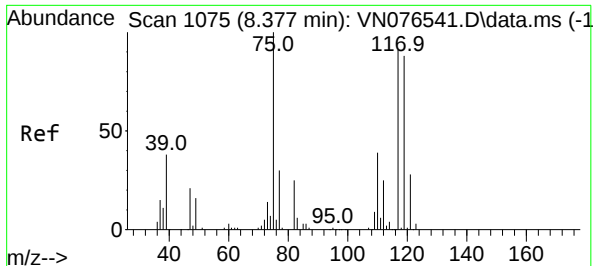


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.18 min

Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.9
192 18.7





#36

1,1-Dichloropropene

Concen: 0.990 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

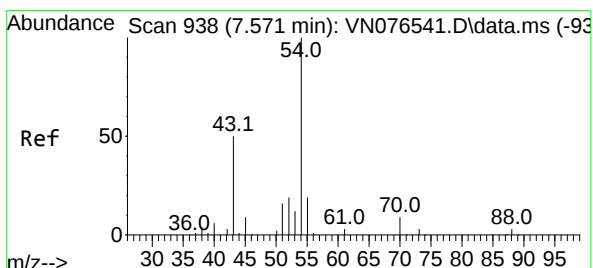
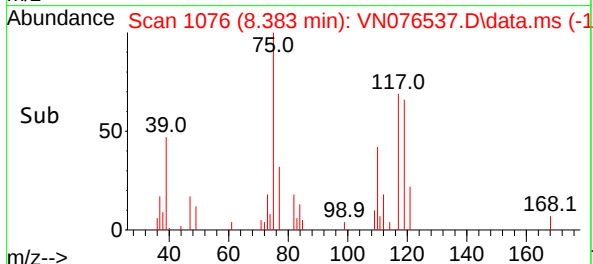
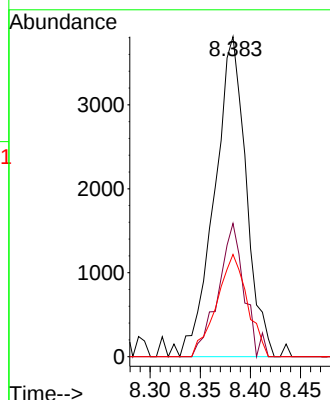
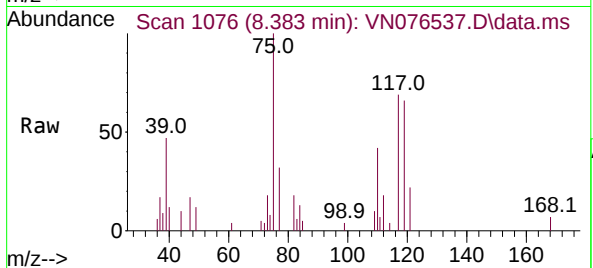
Tgt Ion:	75	Resp:	833
Ion	Ratio	Lower	Upper
75	100		
110	34.2	18.6	55.6
77	31.1	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#37

Ethyl Acetate

Concen: 1.130 ug/l

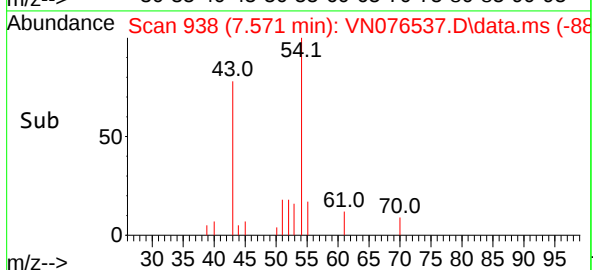
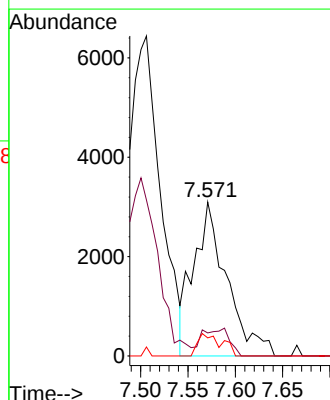
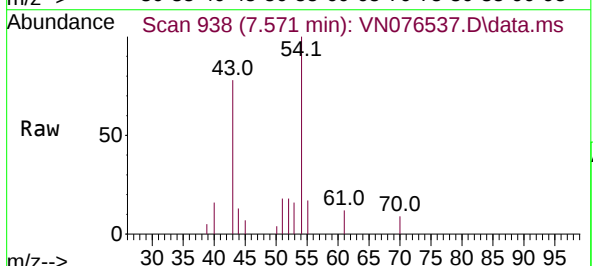
RT: 7.571 min Scan# 938

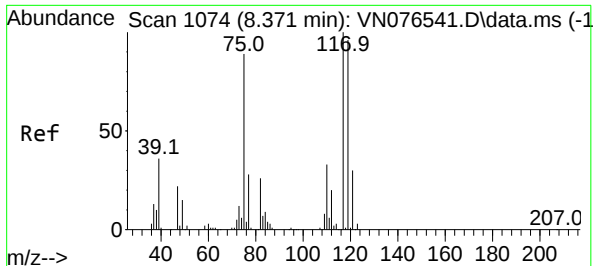
Delta R.T. 0.000 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

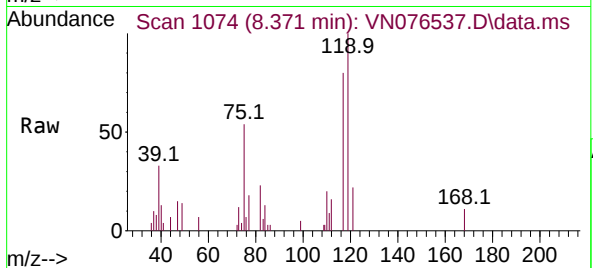
Tgt Ion:	43	Resp:	7586
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6
70	10.3	10.2	15.4





#38
Carbon Tetrachloride
Concen: 0.994 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

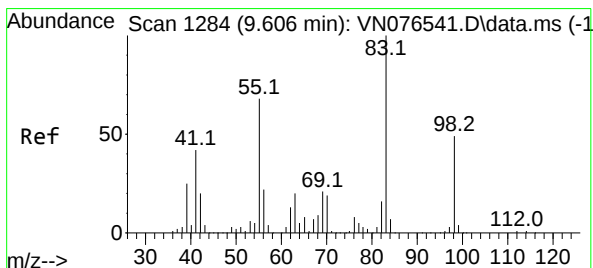
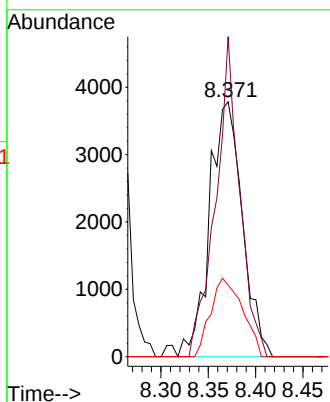
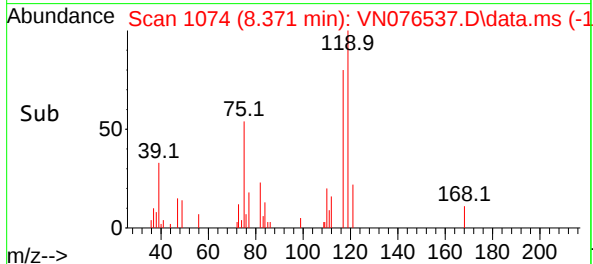
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 911
Ion Ratio Lower Upper
117 100
119 125.5 76.5 114.7
121 28.1 24.2 36.4

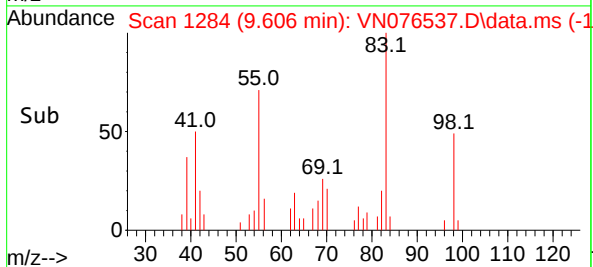
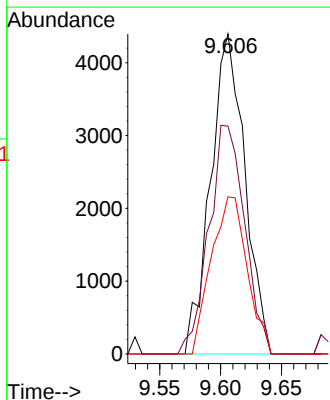
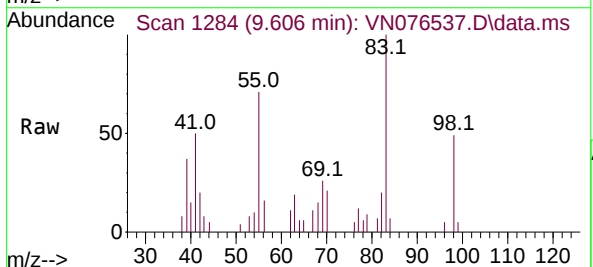
Manual Integrations
APPROVED

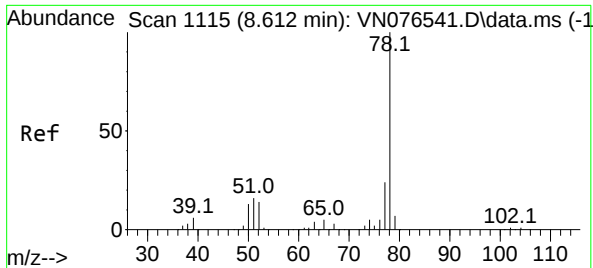
Reviewed By : John Carlone 02/07/2023
Supervised By : Mahesh Dadoda 02/07/2023



#39
Methylcyclohexane
Concen: 0.843 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 83 Resp: 8605
Ion Ratio Lower Upper
83 100
55 71.2 54.1 81.1
98 49.1 39.5 59.3





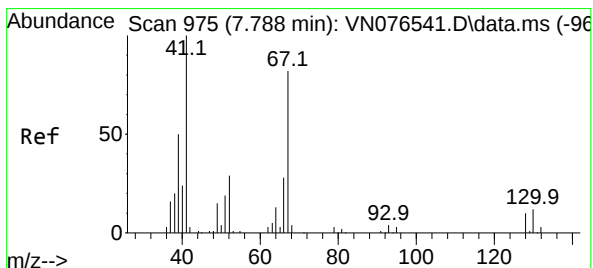
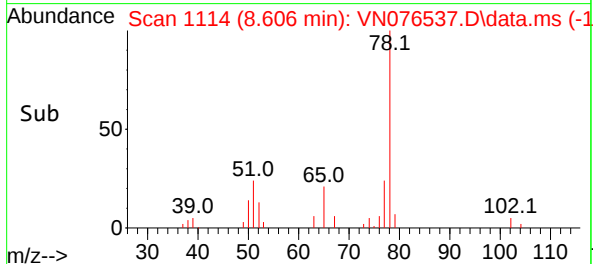
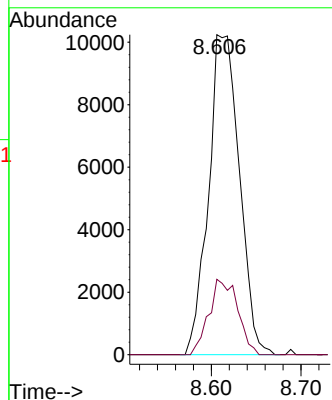
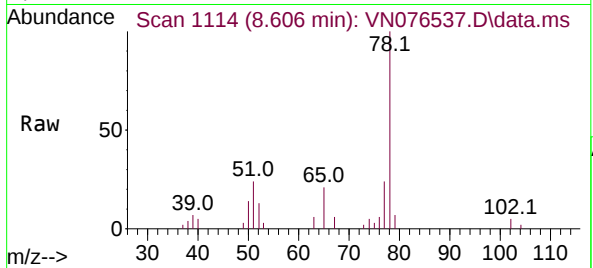
#40
Benzene
Concen: 0.956 ug/l
RT: 8.606 min Scan# 1115
Delta R.T. -0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 24492
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

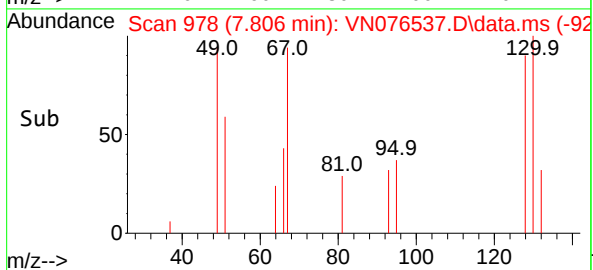
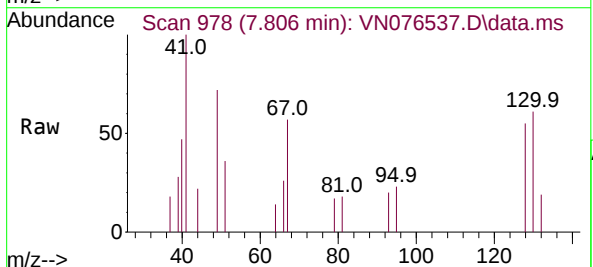
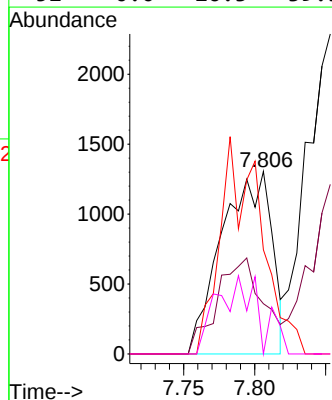
Manual Integrations
APPROVED

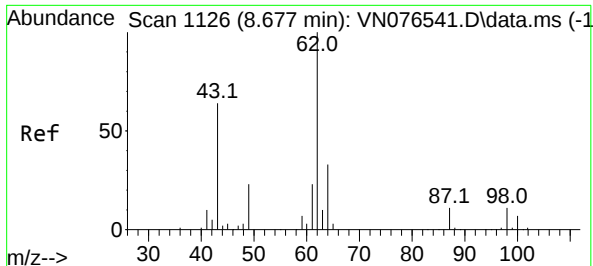
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#41
Methacrylonitrile
Concen: 0.893 ug/l
RT: 7.806 min Scan# 978
Delta R.T. 0.018 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 41 Resp: 3200
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.4#
67 0.0 70.0 105.0#
52 0.0 26.3 39.5#





#42

1,2-Dichloroethane

Concen: 0.966 ug/l

RT: 8.671 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

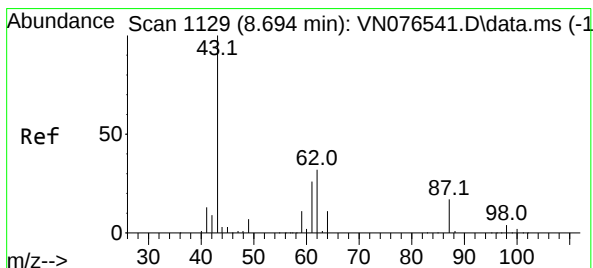
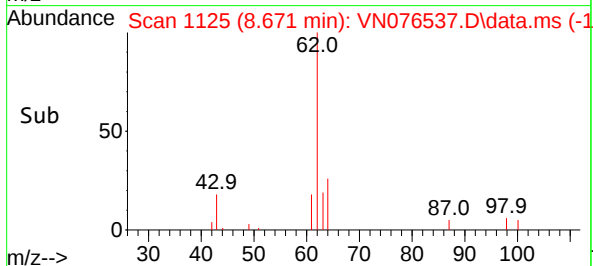
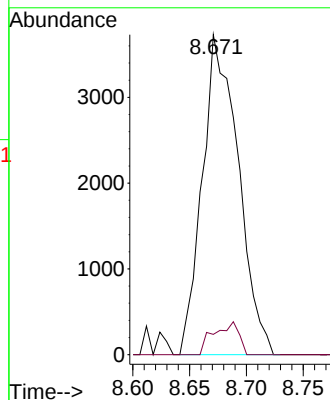
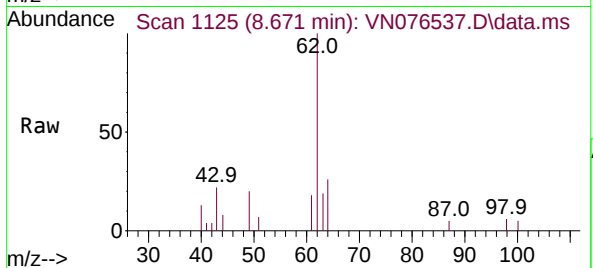
Tgt Ion: 62 Resp: 822
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#43

Isopropyl Acetate

Concen: 1.013 ug/l

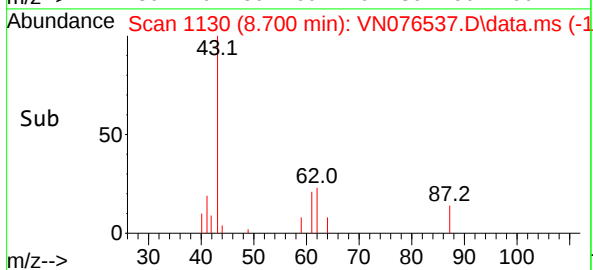
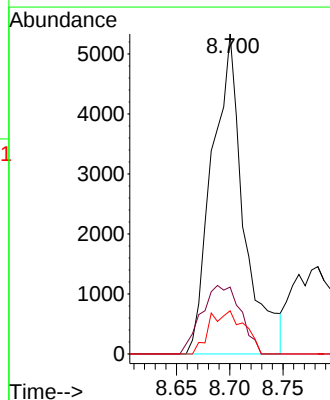
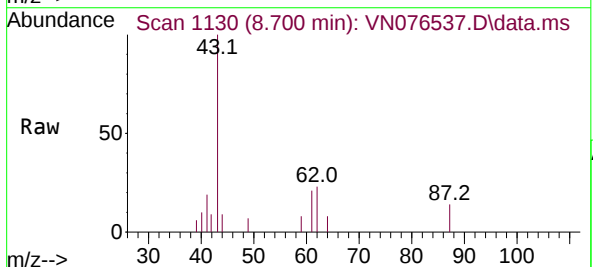
RT: 8.700 min Scan# 1130

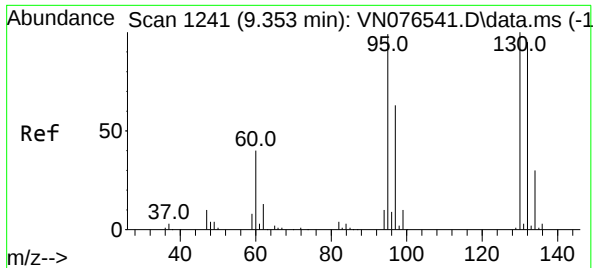
Delta R.T. 0.006 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Tgt Ion: 43 Resp: 11057
 Ion Ratio Lower Upper
 43 100
 61 26.4 24.6 36.8
 87 14.8 13.3 19.9





#44
Trichloroethene
Concen: 1.023 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

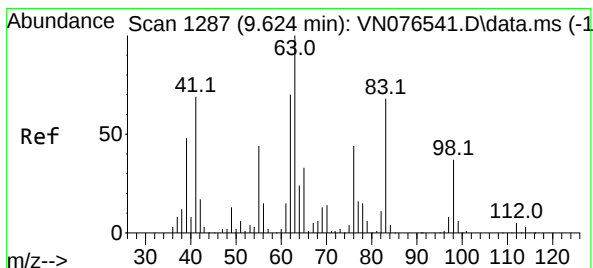
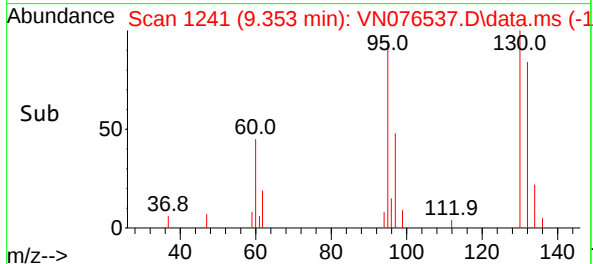
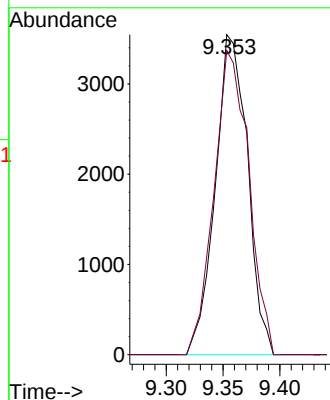
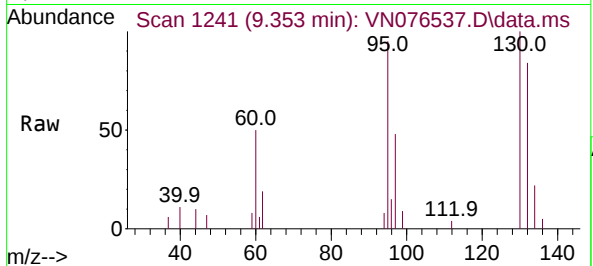
VSTDIC001

Tgt Ion:130 Resp: 700
Ion Ratio Lower Upper
130 100
95 95.1 0.0 197.6

Manual Integrations

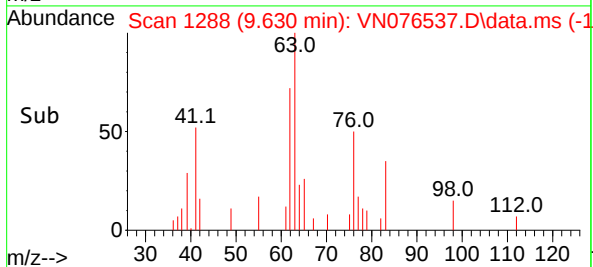
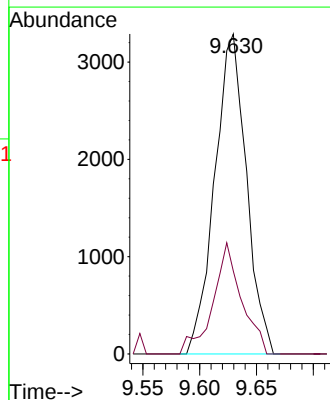
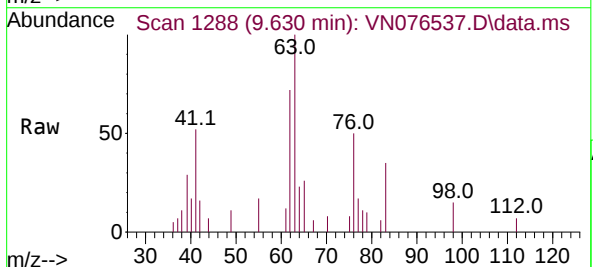
APPROVED

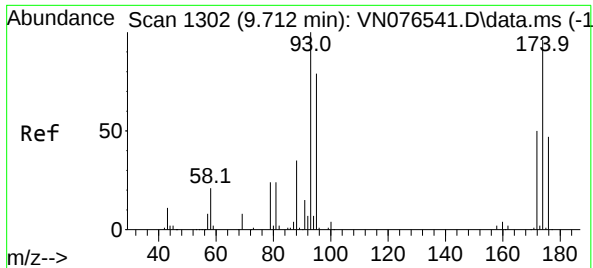
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#45
1,2-Dichloropropane
Concen: 1.025 ug/l
RT: 9.630 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

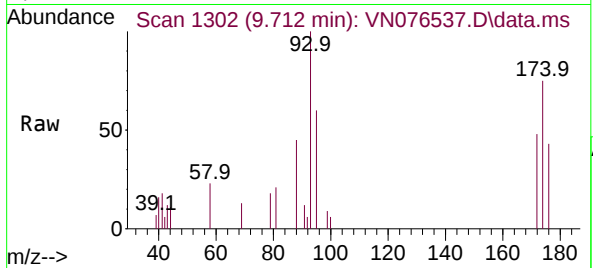
Tgt Ion: 63 Resp: 6370
Ion Ratio Lower Upper
63 100
65 25.9 26.2 39.4#





#46
Dibromomethane
Concen: 1.071 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

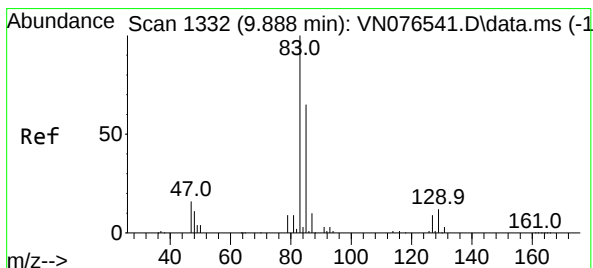
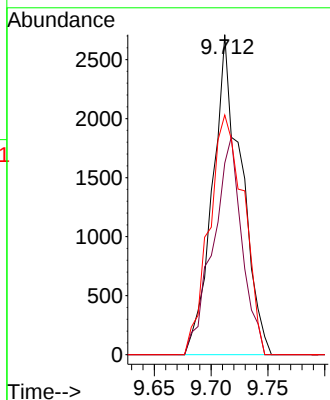
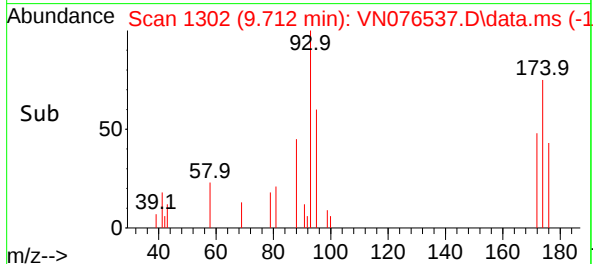
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



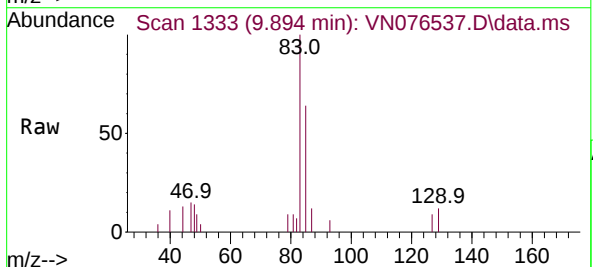
Tgt Ion: 93 Resp: 4774
Ion Ratio Lower Upper
93 100
95 68.3 66.2 99.2
174 90.0 78.4 117.6

Manual Integrations
APPROVED

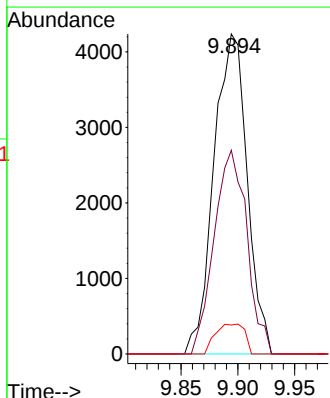
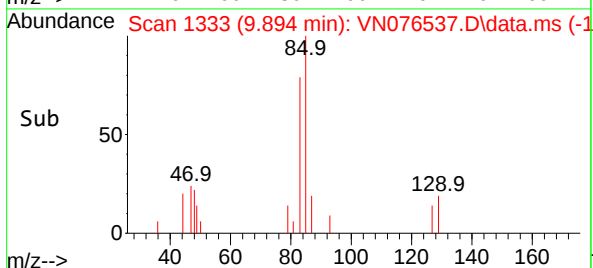
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

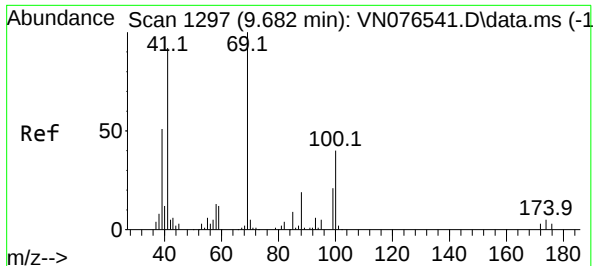


#47
Bromodichloromethane
Concen: 0.967 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



Tgt Ion: 83 Resp: 8630
Ion Ratio Lower Upper
83 100
85 63.7 52.0 78.0
127 9.0 7.1 10.7





#48

Methyl methacrylate

Concen: 0.926 ug/l

RT: 9.688 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 4820

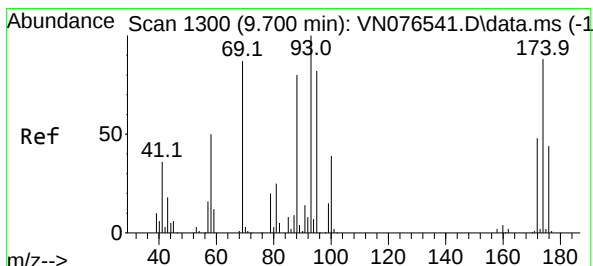
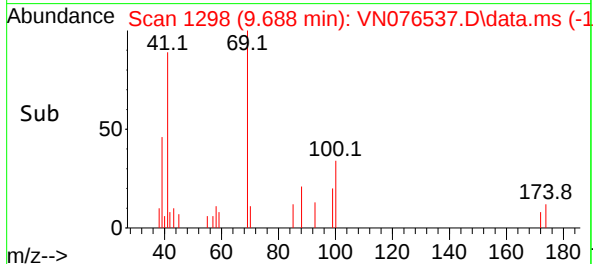
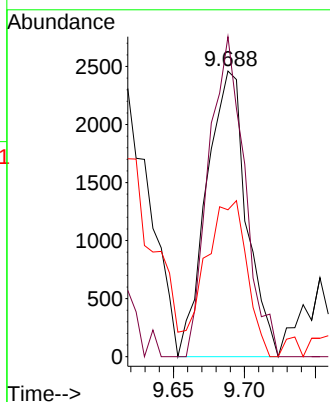
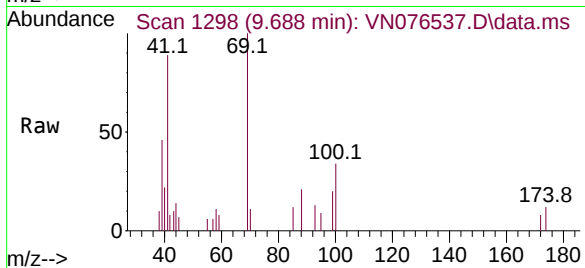
Ion	Ratio	Lower	Upper
41	100		
69	100.8	82.0	123.0
39	55.2	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#49

1,4-Dioxane

Concen: 21.062 ug/l

RT: 9.700 min Scan# 1300

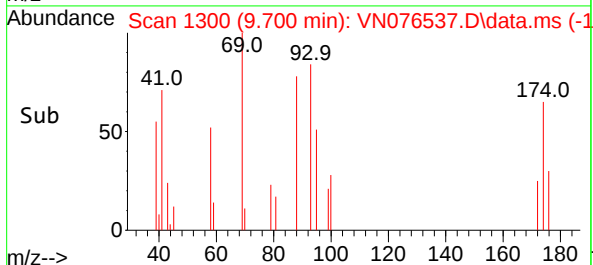
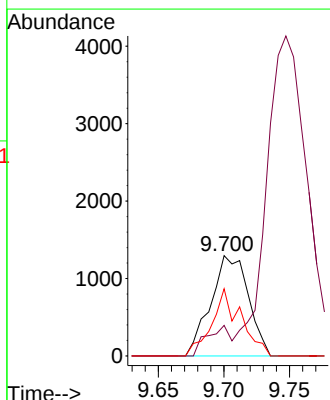
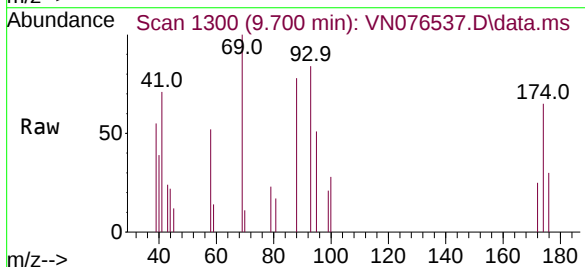
Delta R.T. 0.000 min

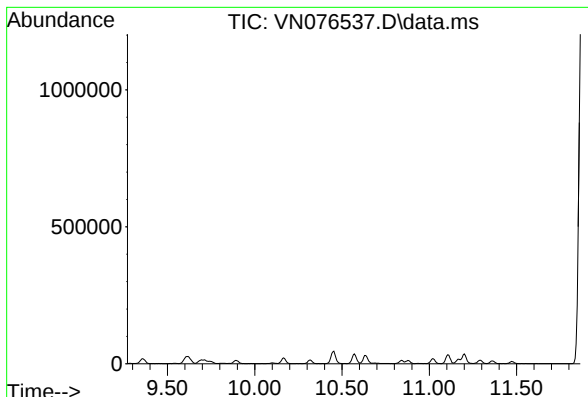
Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Tgt Ion: 88 Resp: 2587

Ion	Ratio	Lower	Upper
88	100		
43	18.9	0.0	0.0#
58	52.2	51.1	76.7





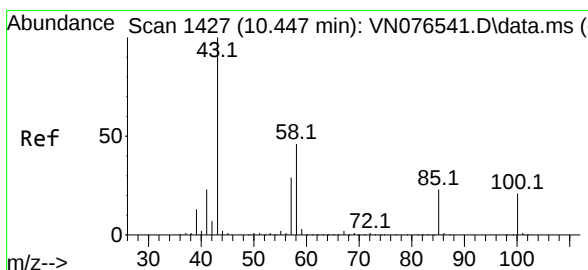
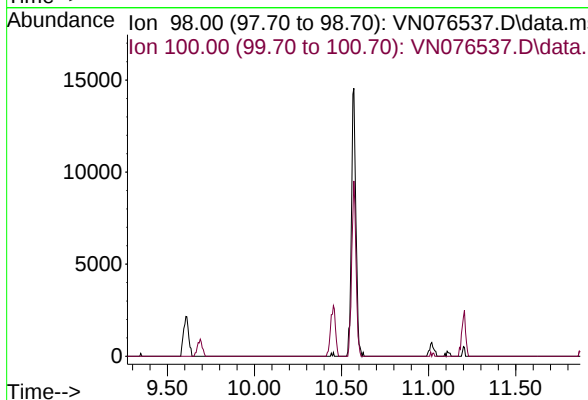
#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.57 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 65.9

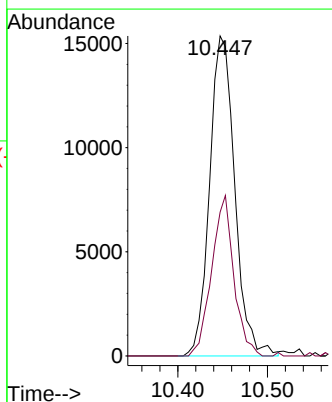
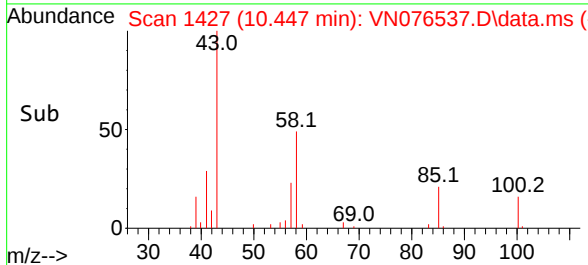
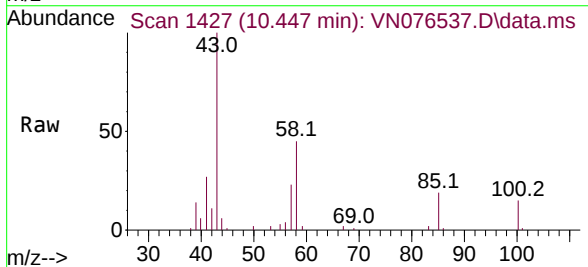
Manual Integrations
 APPROVED

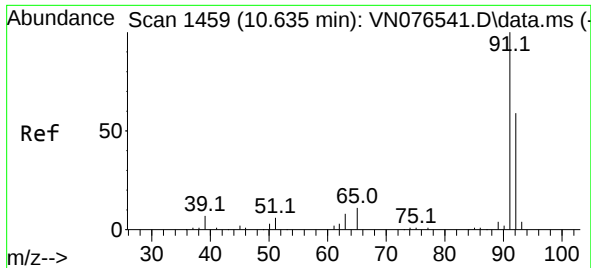
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#51
 4-Methyl-2-Pentanone
 Concen: 4.573 ug/l
 RT: 10.447 min Scan# 1427
 Delta R.T. 0.000 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

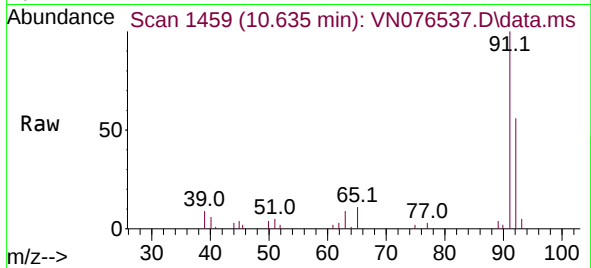
Tgt Ion: 43 Resp: 29920
 Ion Ratio Lower Upper
 43 100
 58 44.2 36.4 54.6





#52
Toluene
Concen: 0.878 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

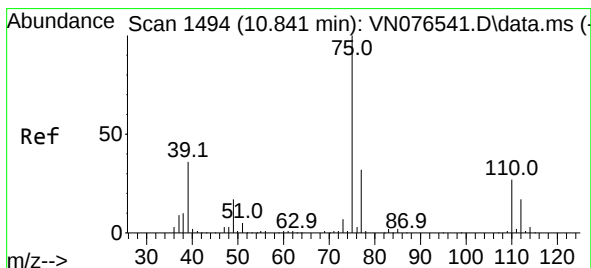
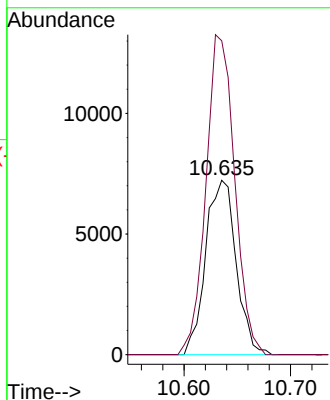
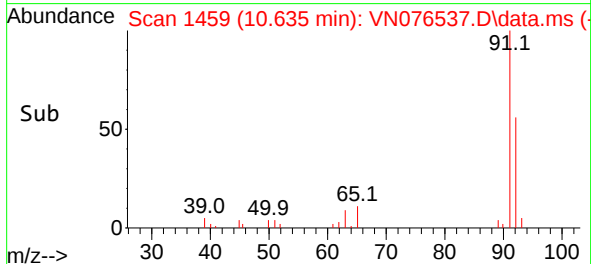
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



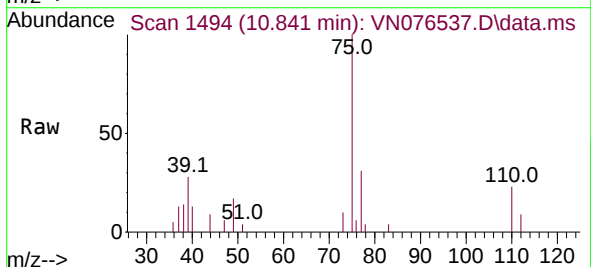
Tgt Ion: 92 Resp: 1436
Ion Ratio Lower Upper
92 100
91 173.1 136.8 205.2

Manual Integrations
APPROVED

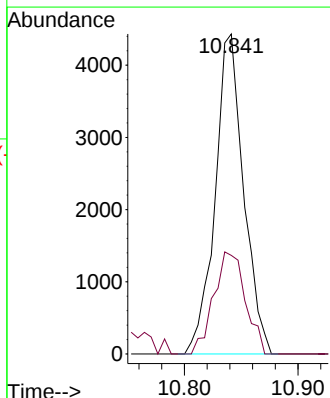
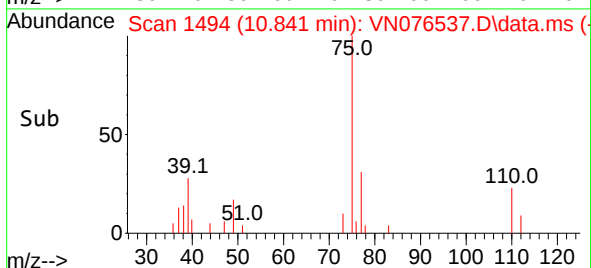
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

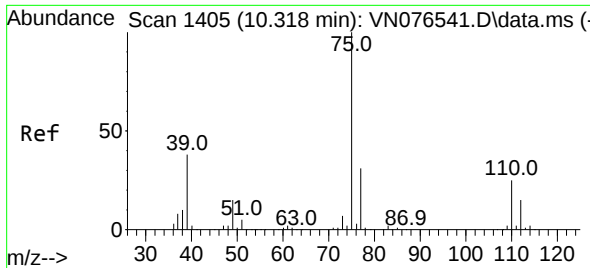


#53
t-1,3-Dichloropropene
Concen: 0.895 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



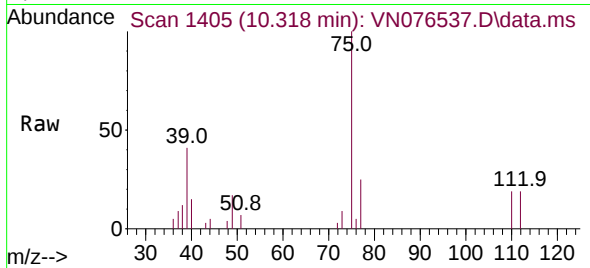
Tgt Ion: 75 Resp: 7730
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4





#54
cis-1,3-Dichloropropene
Concen: 0.845 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

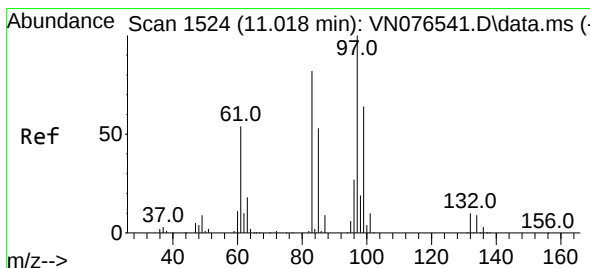
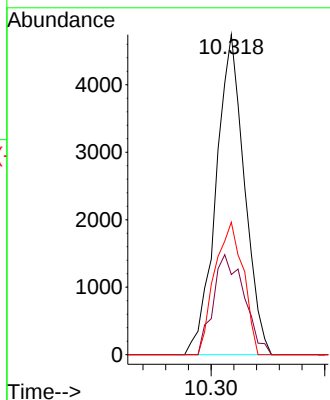
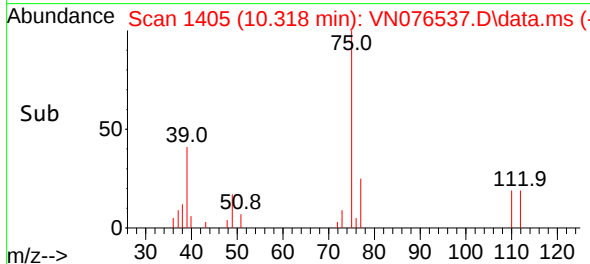
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
77 25.0 25.1 37.7
39 41.4 30.6 45.8

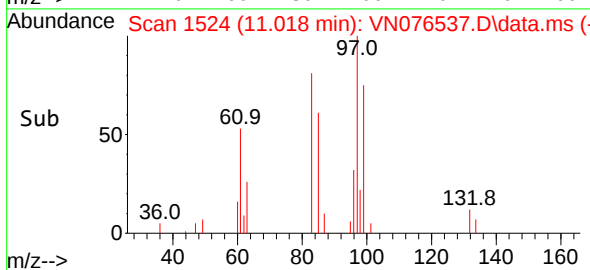
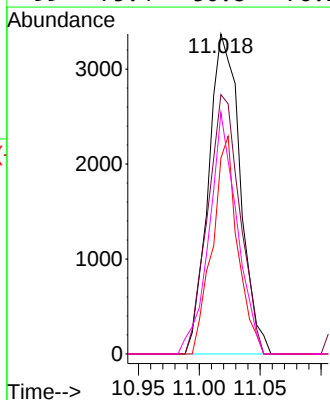
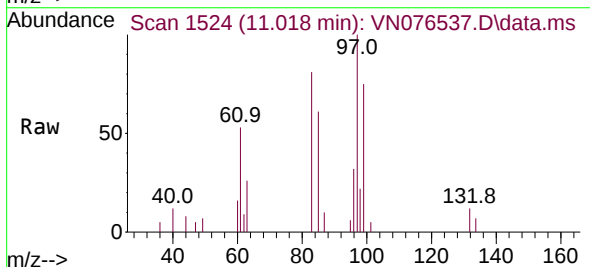
Manual Integrations
APPROVED

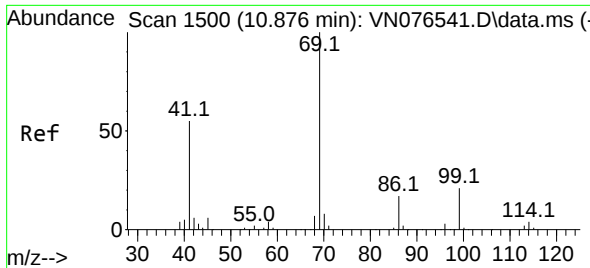
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#55
1,1,2-Trichloroethane
Concen: 0.955 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 97 Resp: 6111
Ion Ratio Lower Upper
97 100
83 81.0 65.8 98.6
85 61.2 42.3 63.5
99 75.4 50.8 76.2





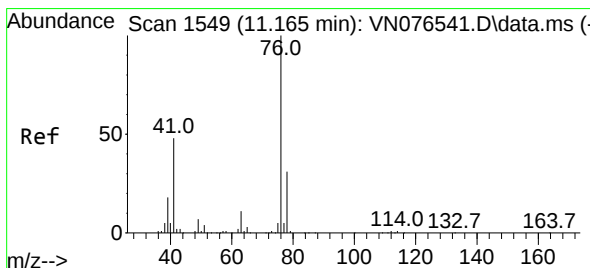
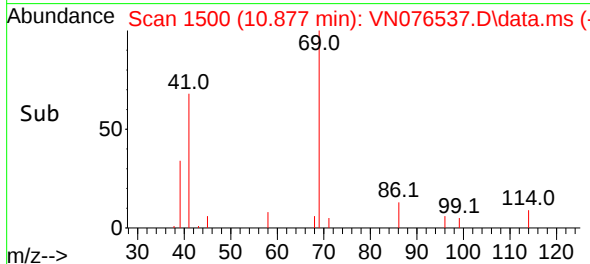
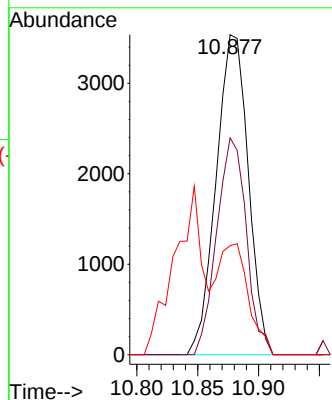
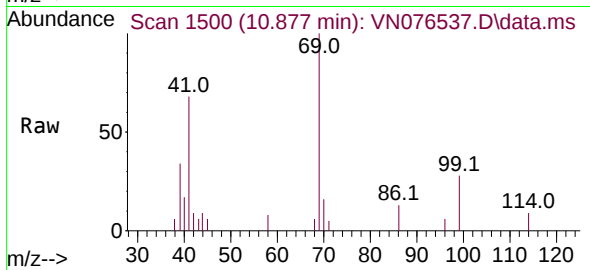
#56
Ethyl methacrylate
Concen: 0.755 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 6489
Ion Ratio Lower Upper
69 100
41 62.6 43.8 65.6
39 33.9 21.4 32.2

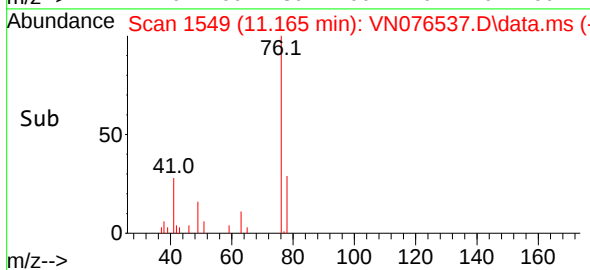
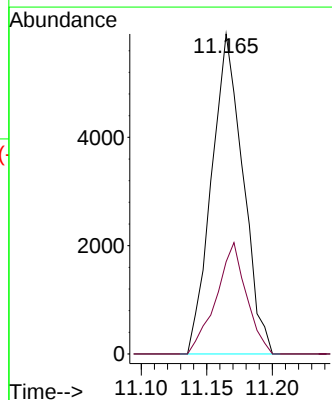
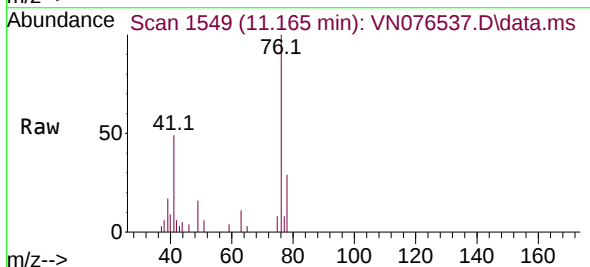
Manual Integrations
APPROVED

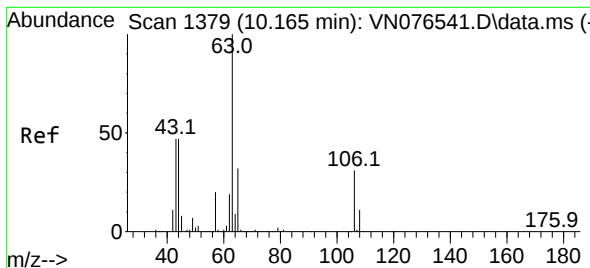
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#57
1,3-Dichloropropane
Concen: 0.931 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

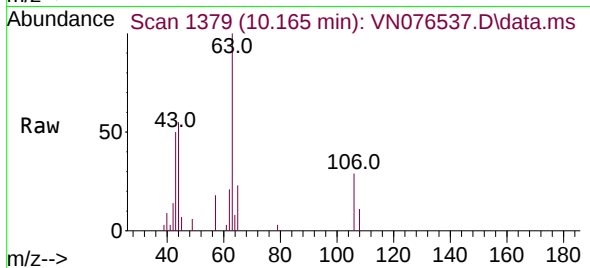
Tgt Ion: 76 Resp: 9839
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.2





#58
2-Chloroethyl Vinyl ether
Concen: 8.565 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

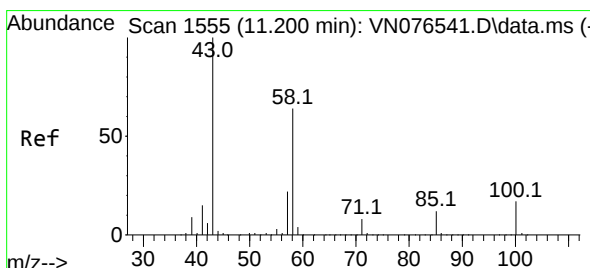
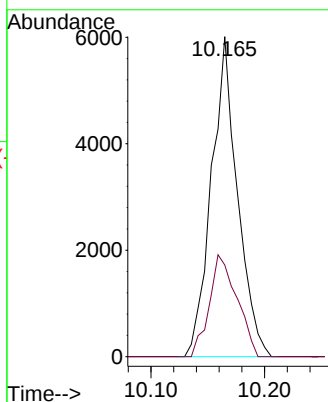
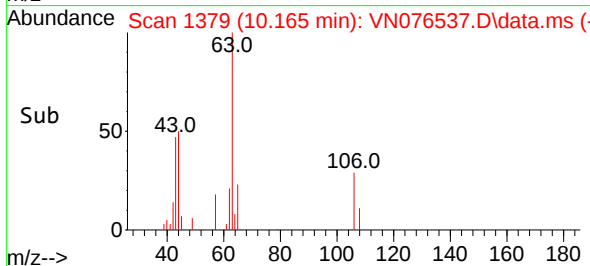
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



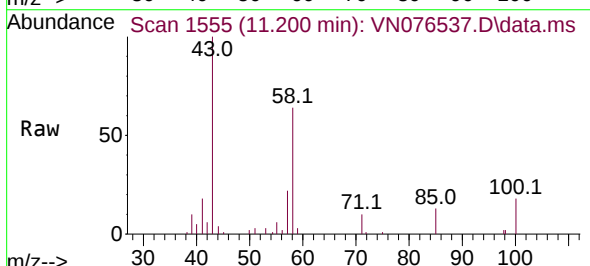
Tgt Ion: 63 Resp: 959
Ion Ratio Lower Upper
63 100
106 33.6 25.0 37.6

Manual Integrations
APPROVED

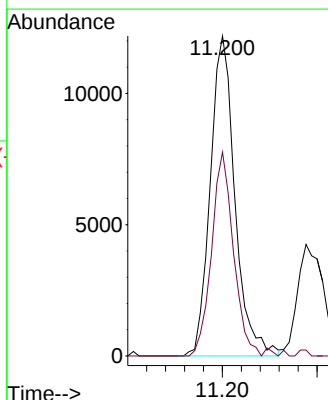
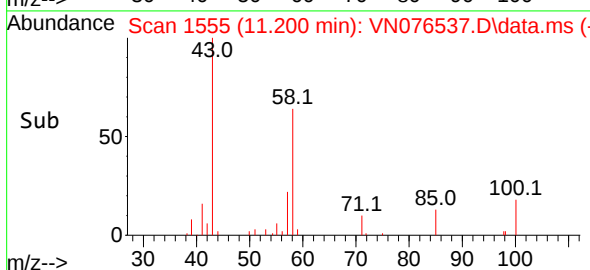
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

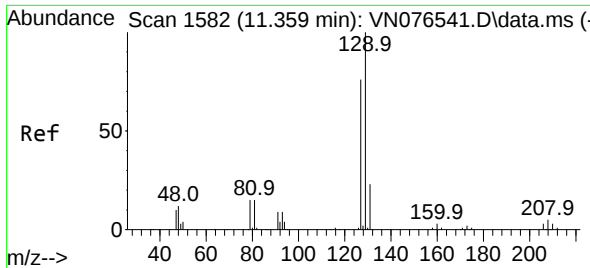


#59
2-Hexanone
Concen: 4.632 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



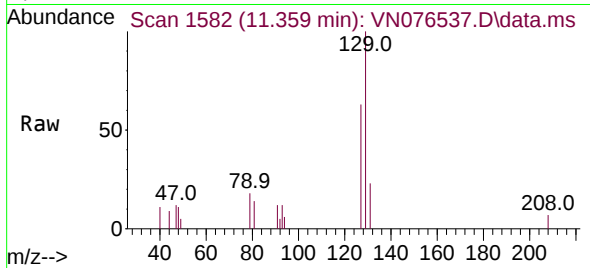
Tgt Ion: 43 Resp: 22015
Ion Ratio Lower Upper
43 100
58 56.4 31.9 95.7





#60
Dibromochloromethane
Concen: 0.914 ug/l
RT: 11.359 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

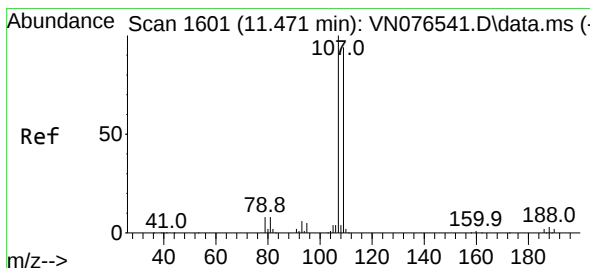
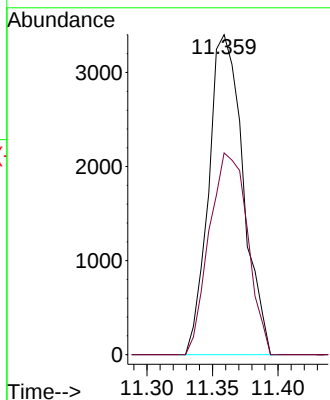
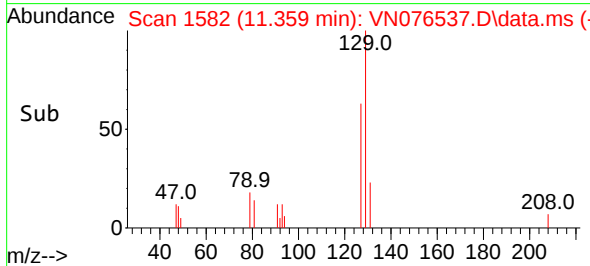
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



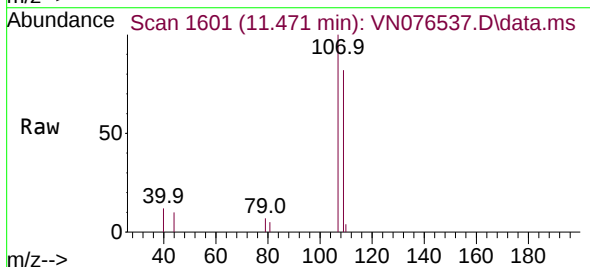
Tgt Ion:129 Resp: 6214
Ion Ratio Lower Upper
129 100
127 70.0 38.5 115.3

Manual Integrations
APPROVED

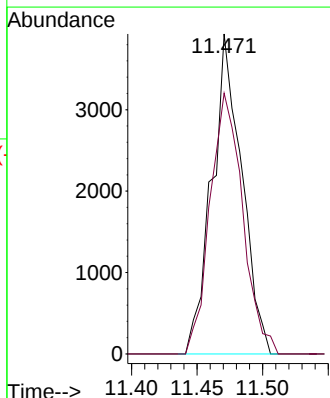
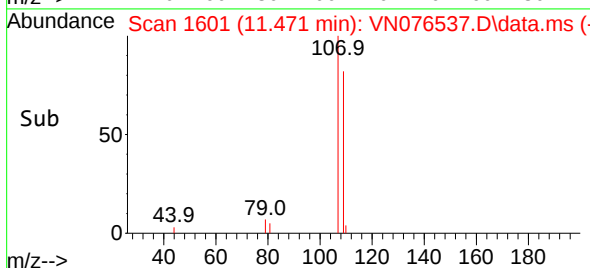
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

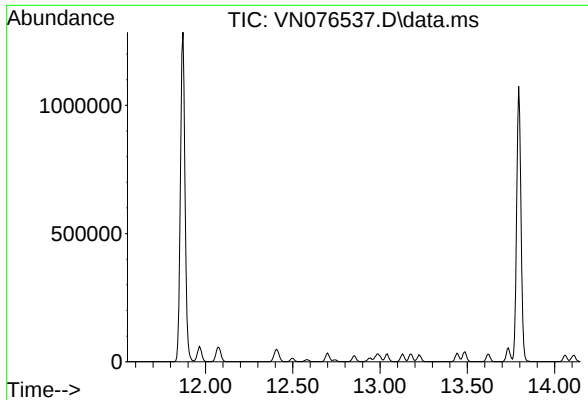


#61
1,2-Dibromoethane
Concen: 0.973 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



Tgt Ion:107 Resp: 6223
Ion Ratio Lower Upper
107 100
109 88.9 74.9 112.3





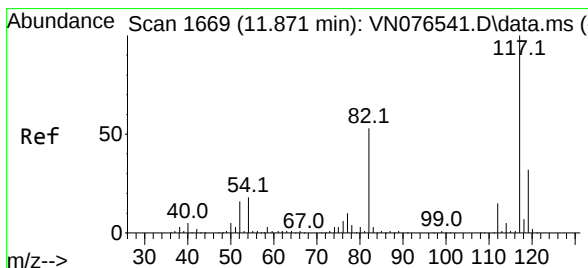
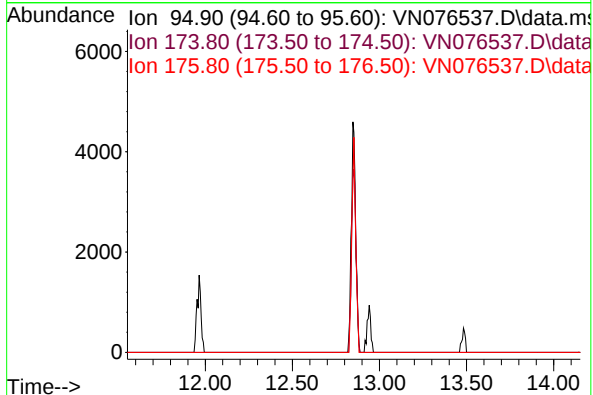
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 76.7
 176 74.5

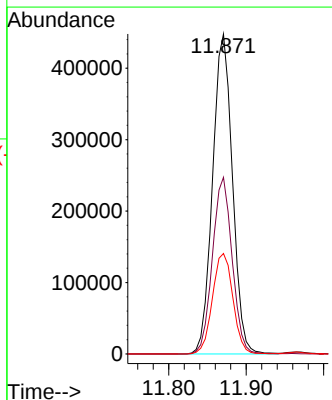
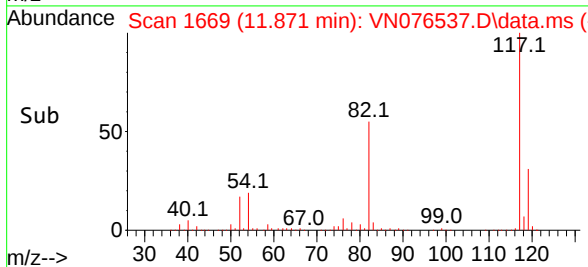
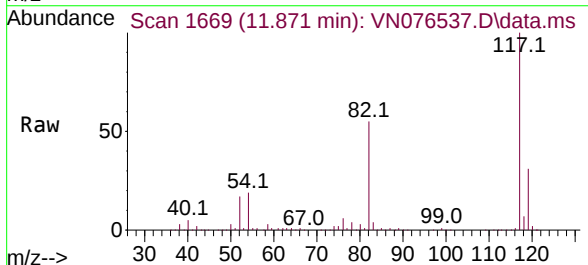
Manual Integrations
 APPROVED

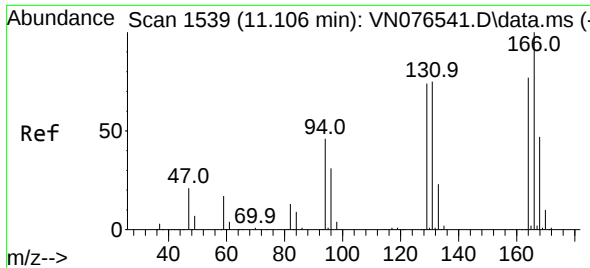
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

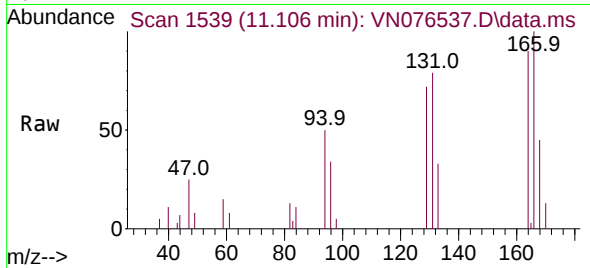
Tgt Ion:117 Resp: 797356
 Ion Ratio Lower Upper
 117 100
 82 55.2 42.4 63.6
 119 31.4 25.8 38.8





#64
Tetrachloroethene
Concen: 1.256 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

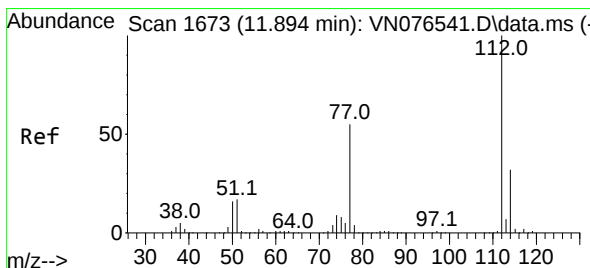
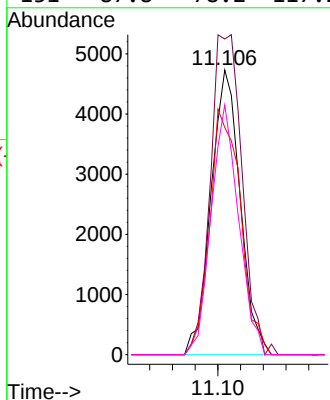
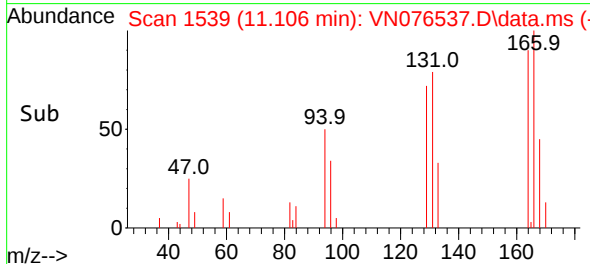
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



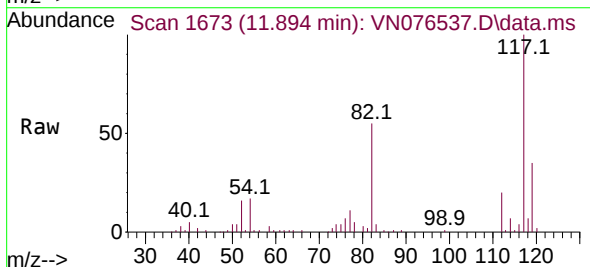
Tgt Ion:164 Resp: 845
Ion Ratio Lower Upper
164 100
166 110.9 104.3 156.5
129 79.8 77.7 116.5
131 87.8 78.2 117.2

Manual Integrations
APPROVED

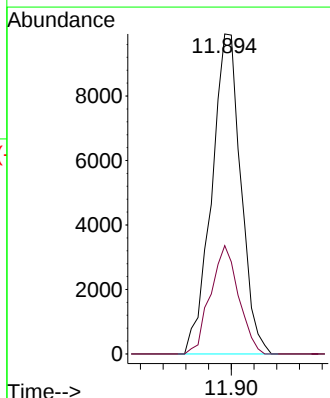
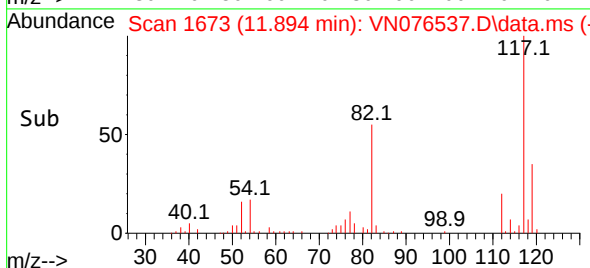
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

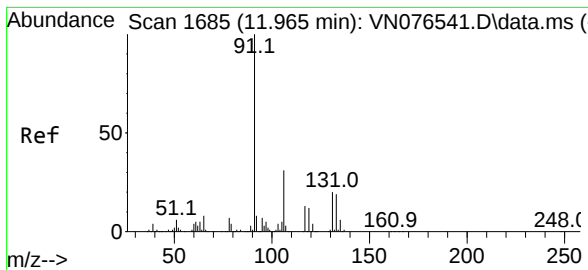


#65
Chlorobenzene
Concen: 1.074 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



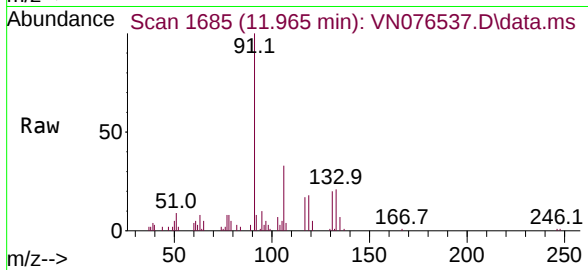
Tgt Ion:112 Resp: 17711
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.8





#66
1,1,1,2-Tetrachloroethane
Concen: 0.952 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

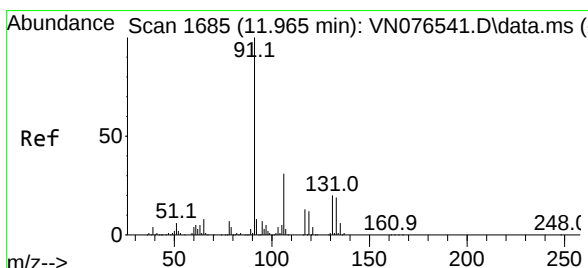
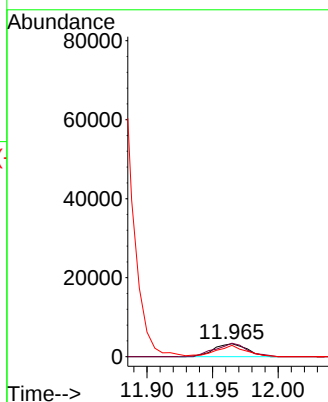
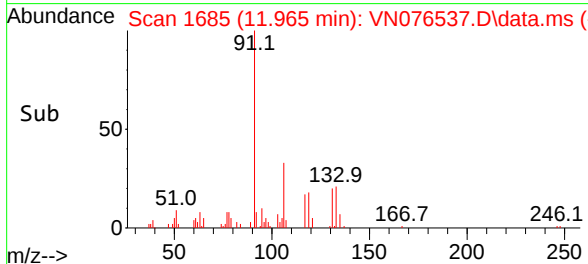
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 5750
Ion Ratio Lower Upper
131 100
133 99.7 47.5 142.5
119 0.0 31.6 94.7

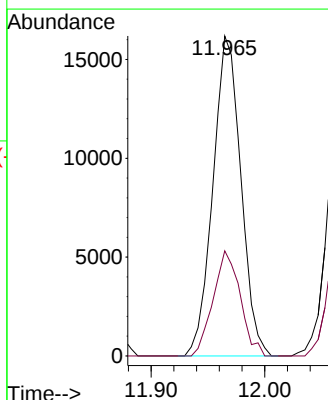
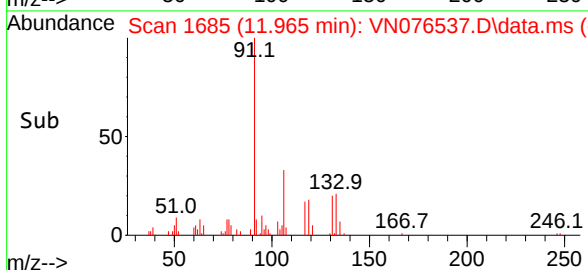
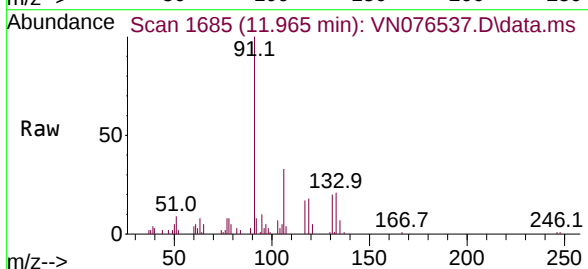
Manual Integrations
APPROVED

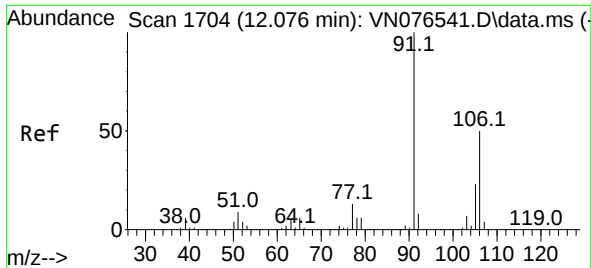
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#67
Ethyl Benzene
Concen: 0.953 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 91 Resp: 27675
Ion Ratio Lower Upper
91 100
106 32.8 25.0 37.6





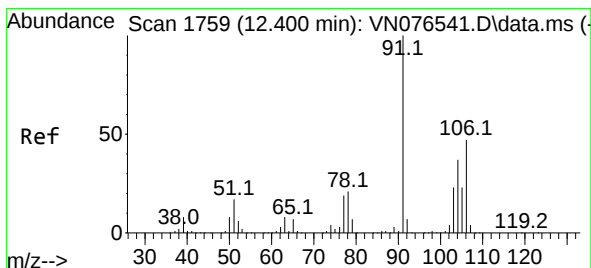
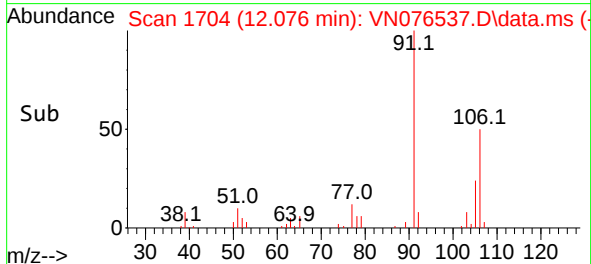
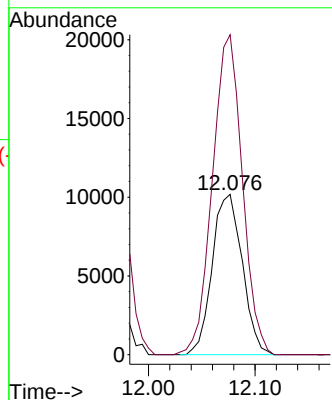
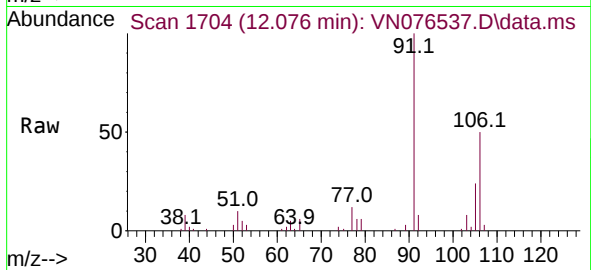
#68
m/p-Xylenes
Concen: 1.771 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1993
Ion Ratio Lower Upper
106 100
91 198.7 160.2 240.4

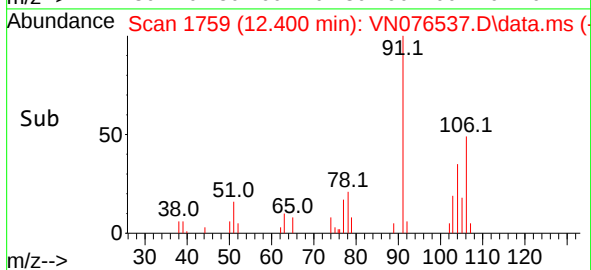
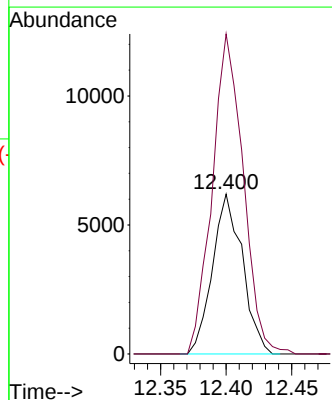
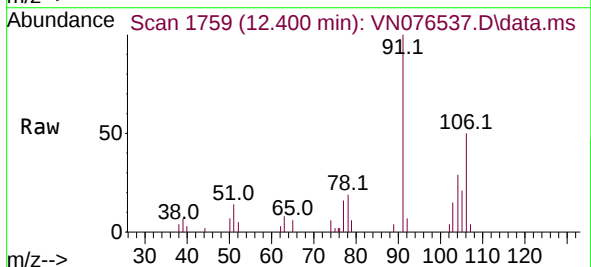
Manual Integrations
APPROVED

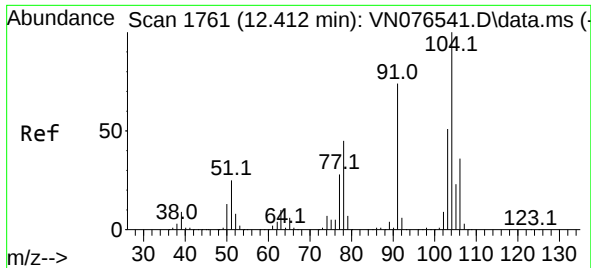
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#69
o-Xylene
Concen: 0.890 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

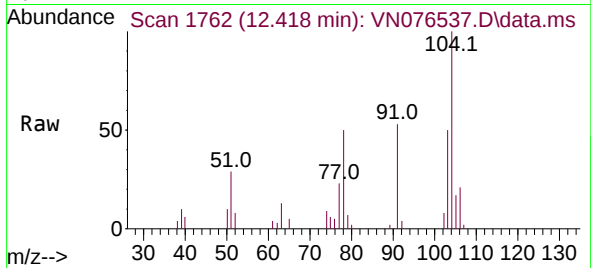
Tgt Ion:106 Resp: 9842
Ion Ratio Lower Upper
106 100
91 207.1 105.7 317.0





#70
Styrene
Concen: 0.834 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

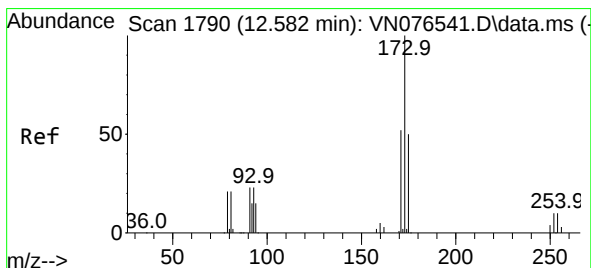
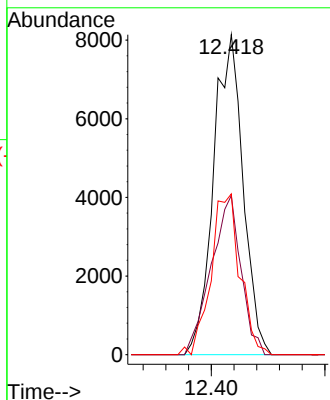
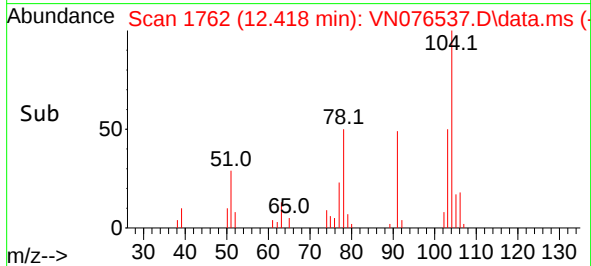
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:104 Resp: 1466
Ion Ratio Lower Upper
104 100
78 50.3 38.6 58.0
103 49.7 43.6 65.4

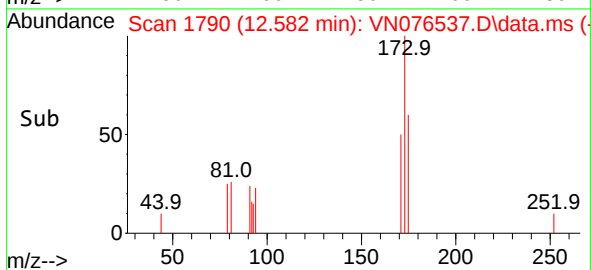
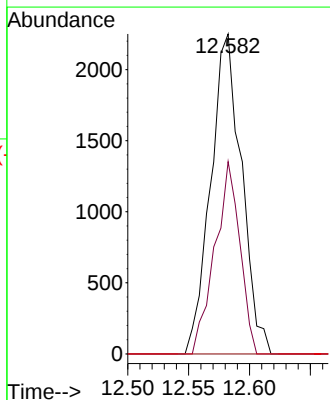
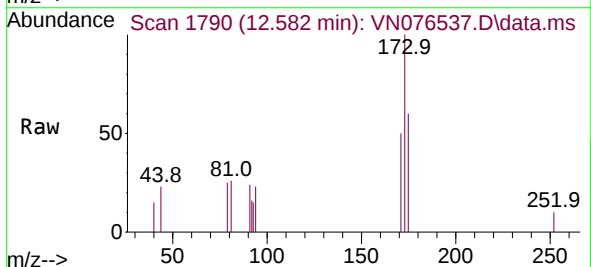
Manual Integrations
APPROVED

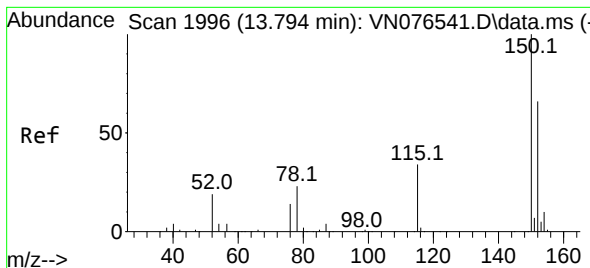
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#71
Bromoform
Concen: 0.920 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

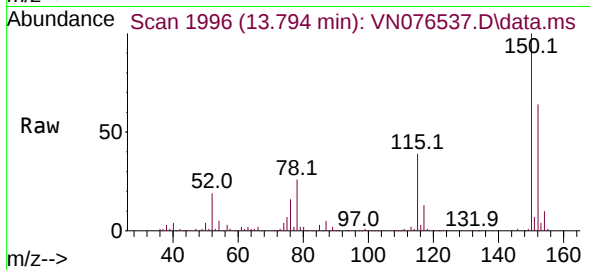
Tgt Ion:173 Resp: 3969
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

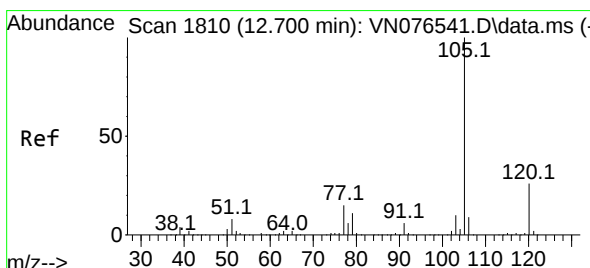
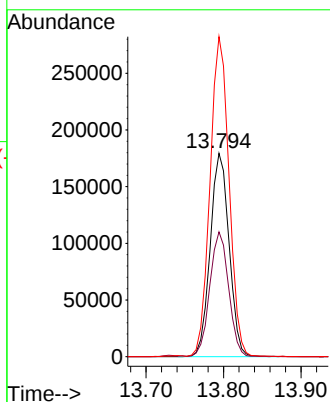
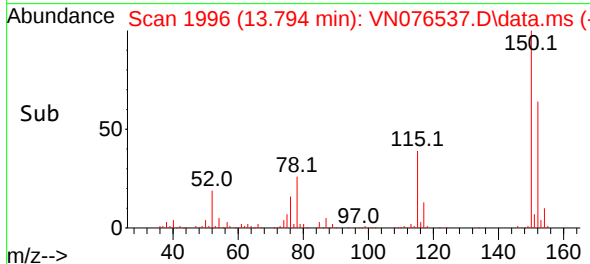
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



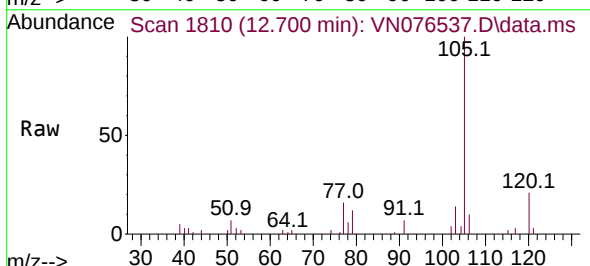
Tgt Ion:152 Resp: 30286
Ion Ratio Lower Upper
152 100
115 61.4 30.5 91.5
150 158.9 0.0 352.0

Manual Integrations
APPROVED

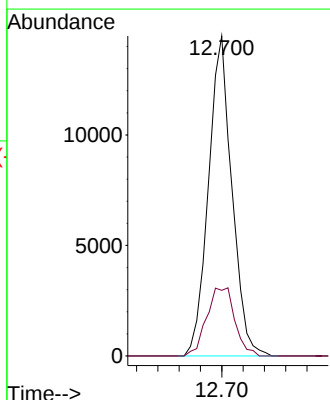
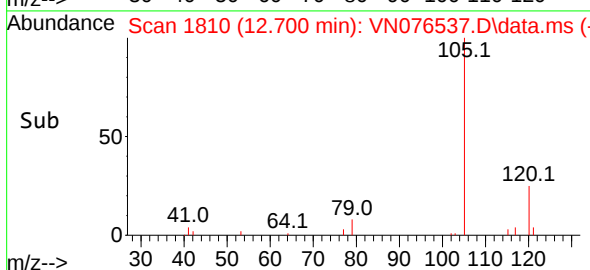
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

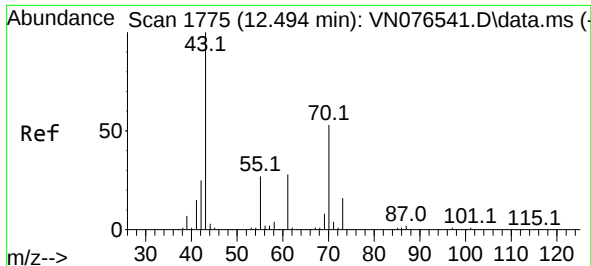


#73
Isopropylbenzene
Concen: 0.918 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



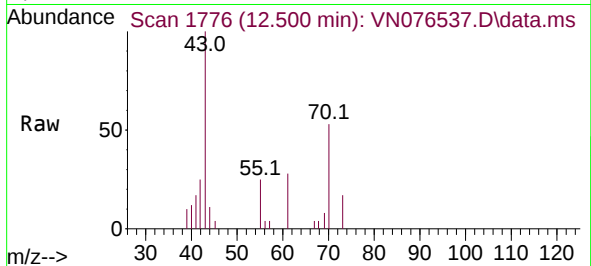
Tgt Ion:105 Resp: 22152
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0





#74
N-amy1 acetate
Concen: 0.994 ug/l
RT: 12.500 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

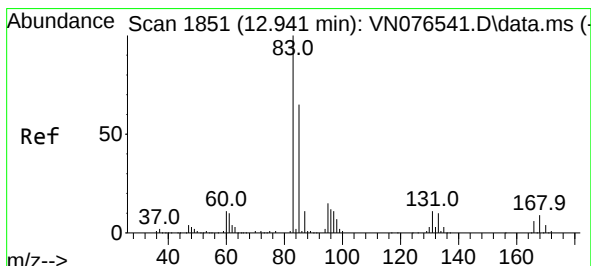
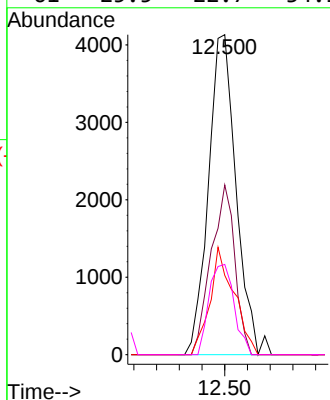
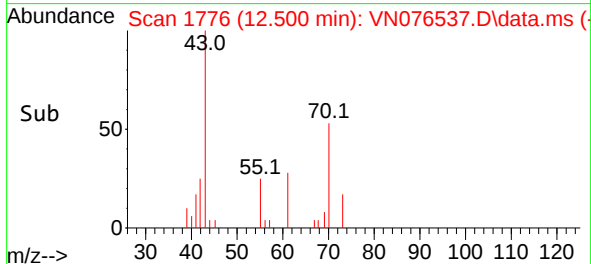
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
70 45.5 42.6 64.0
55 29.3 22.3 33.5
61 25.5 22.7 34.1

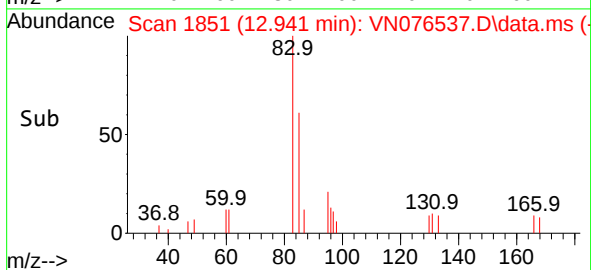
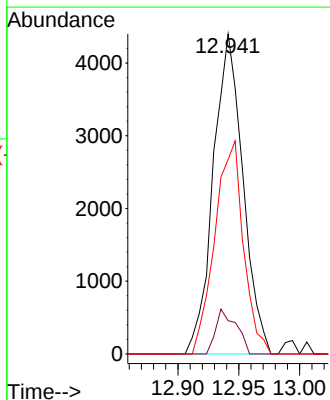
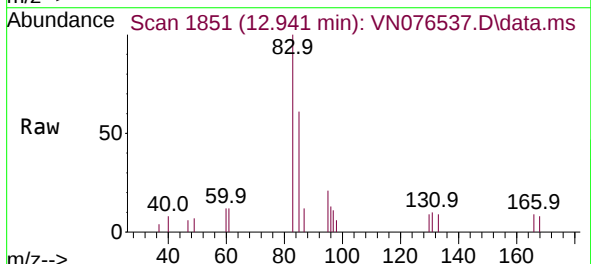
Manual Integrations
APPROVED

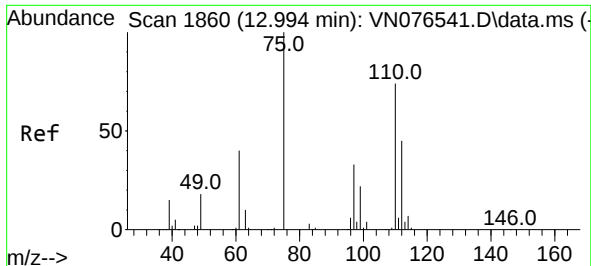
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.065 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 83 Resp: 7451
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.7
85 64.2 32.3 96.8





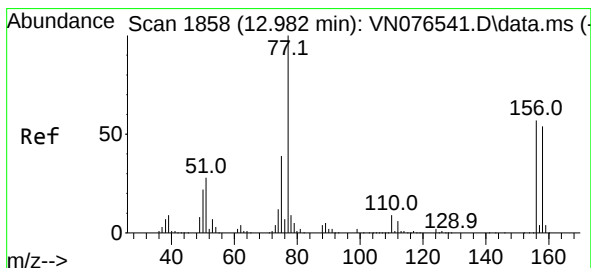
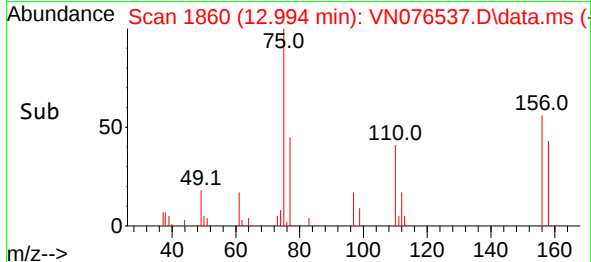
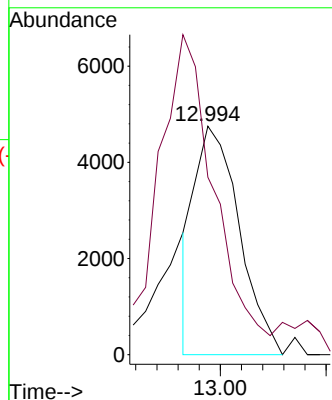
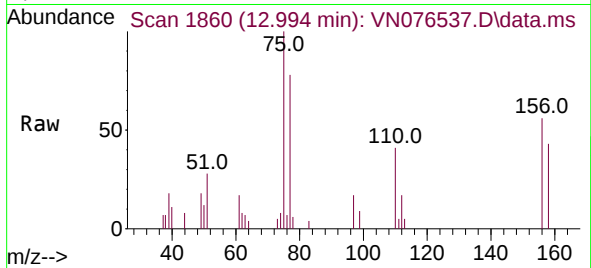
#76
1,2,3-Trichloropropane
Concen: 1.061 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 696
Ion Ratio Lower Upper
75 100
77 177.6 86.8 260.3

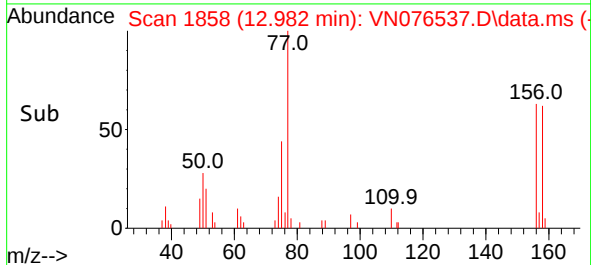
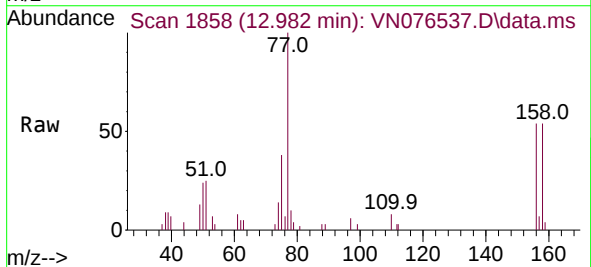
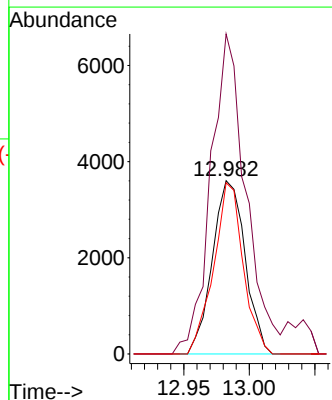
Manual Integrations
APPROVED

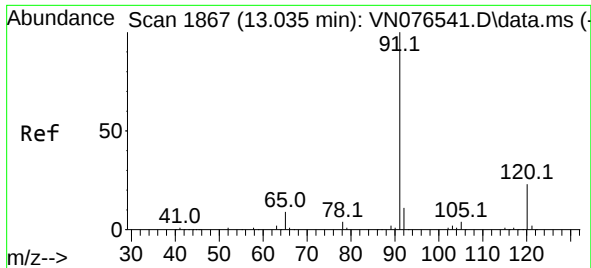
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#77
Bromobenzene
Concen: 1.099 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion:156 Resp: 6240
Ion Ratio Lower Upper
156 100
77 198.3 101.2 303.6
158 89.3 48.5 145.6





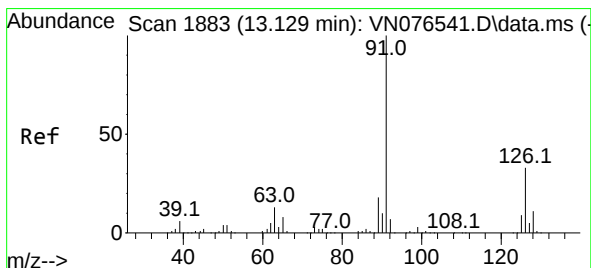
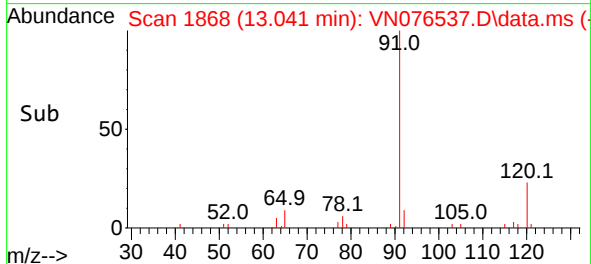
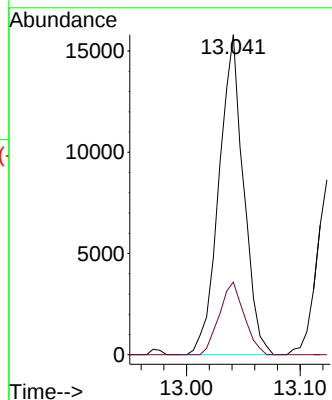
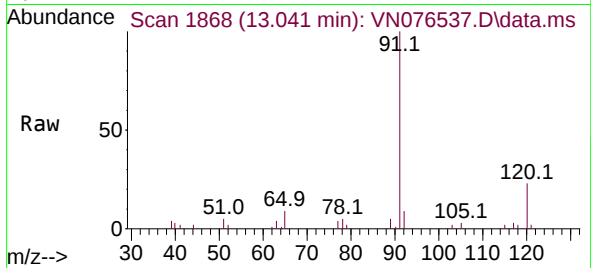
#78
n-propylbenzene
Concen: 0.886 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 2379
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

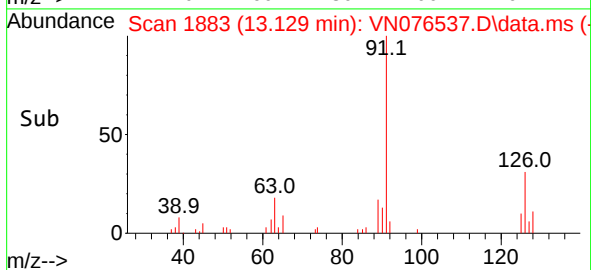
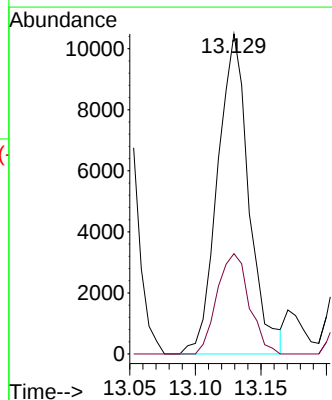
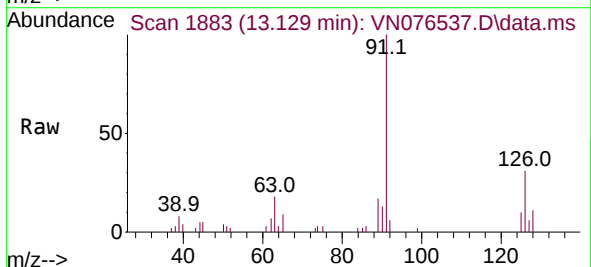
Manual Integrations
APPROVED

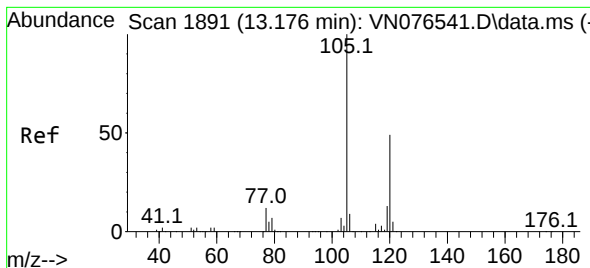
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#79
2-Chlorotoluene
Concen: 1.022 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

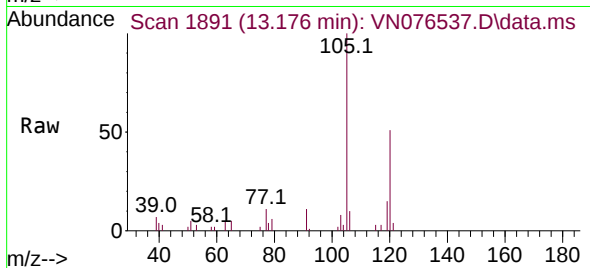
Tgt Ion: 91 Resp: 17428
Ion Ratio Lower Upper
91 100
126 32.0 16.8 50.3





#80
1,3,5-Trimethylbenzene
Concen: 0.895 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

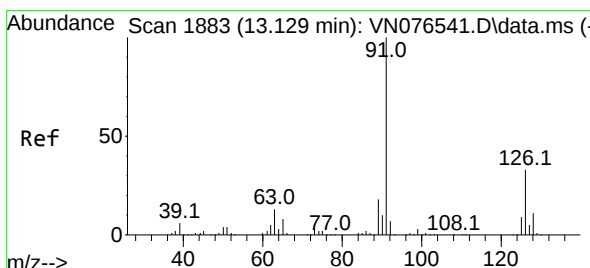
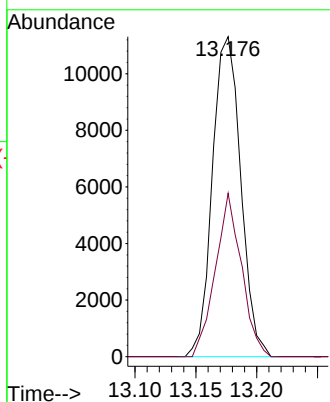
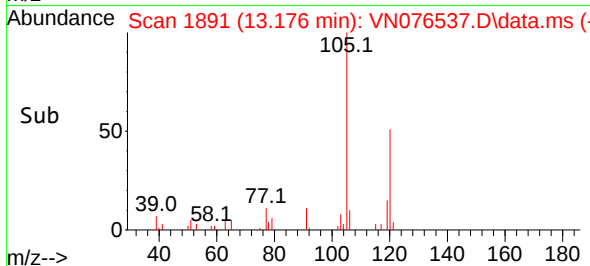
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



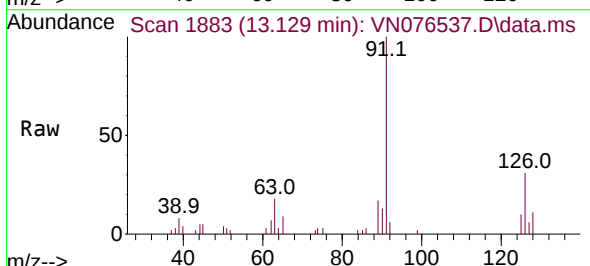
Tgt Ion:105 Resp: 1832
Ion Ratio Lower Upper
105 100
120 47.1 24.2 72.6

Manual Integrations
APPROVED

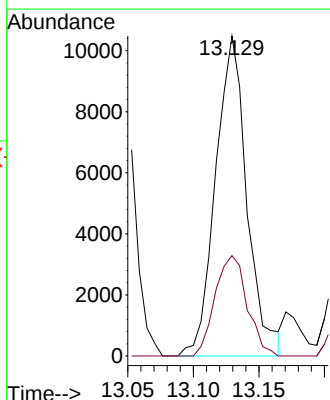
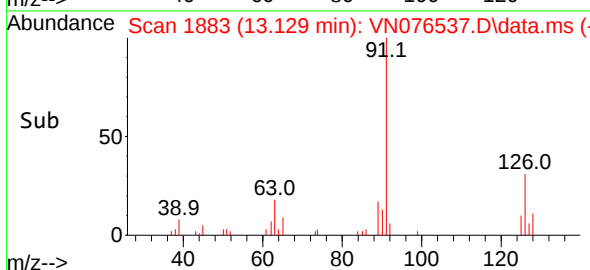
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

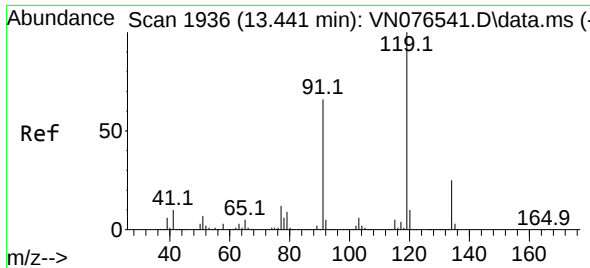


#82
4-Chlorotoluene
Concen: 1.022 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



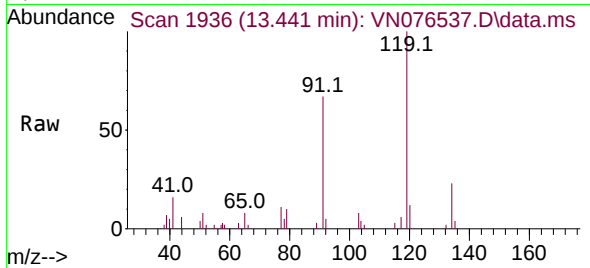
Tgt Ion: 91 Resp: 17428
Ion Ratio Lower Upper
91 100
126 32.0 16.8 50.3





#83
tert-Butylbenzene
Concen: 0.901 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

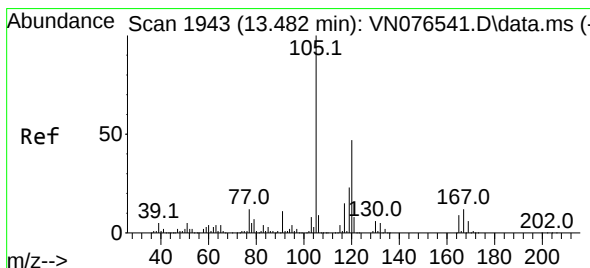
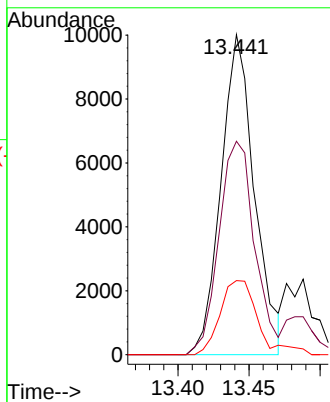
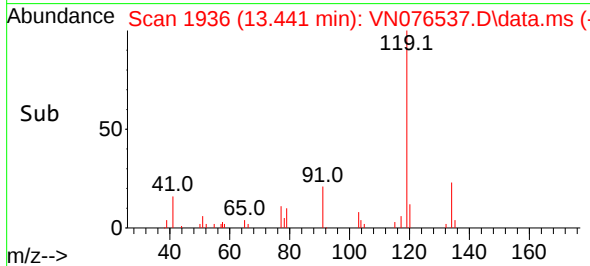
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



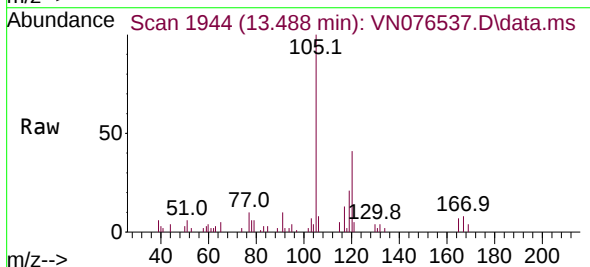
Tgt Ion:119 Resp: 1639
Ion Ratio Lower Upper
119 100
91 71.2 32.1 96.3
134 26.2 12.9 38.6

Manual Integrations
APPROVED

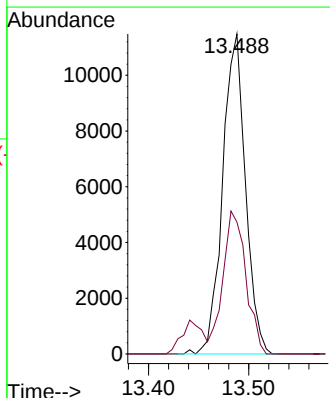
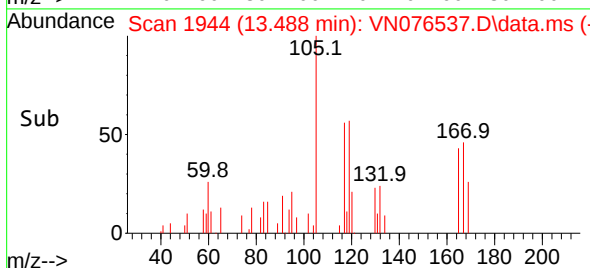
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

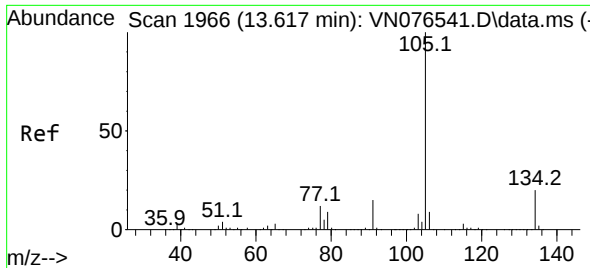


#84
1,2,4-Trimethylbenzene
Concen: 0.894 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



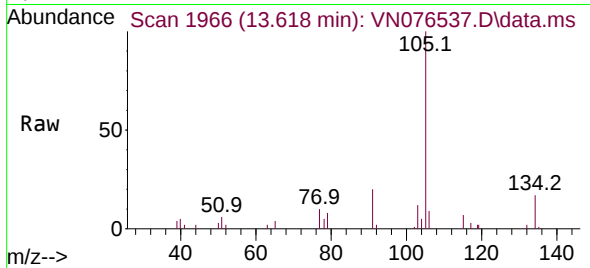
Tgt Ion:105 Resp: 18143
Ion Ratio Lower Upper
105 100
120 45.0 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 0.866 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22

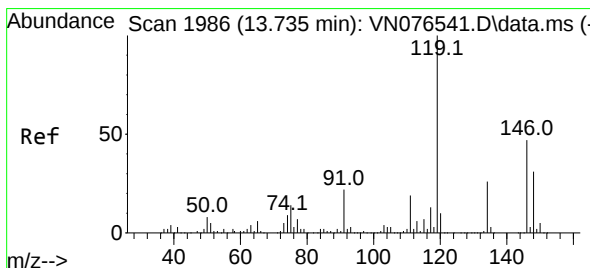
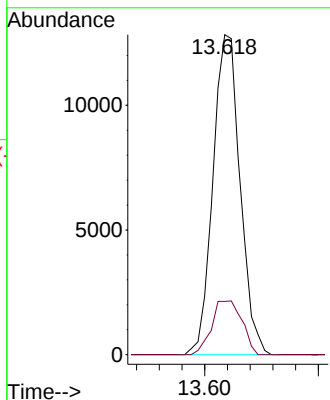
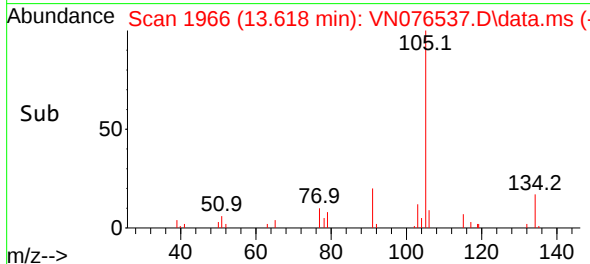
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



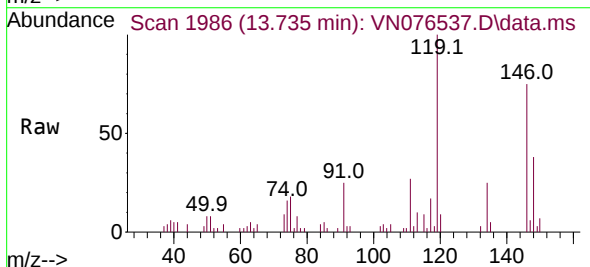
Tgt Ion:105 Resp: 2125
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.0 30.0

Manual Integrations
 APPROVED

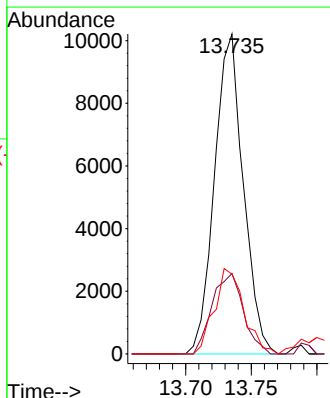
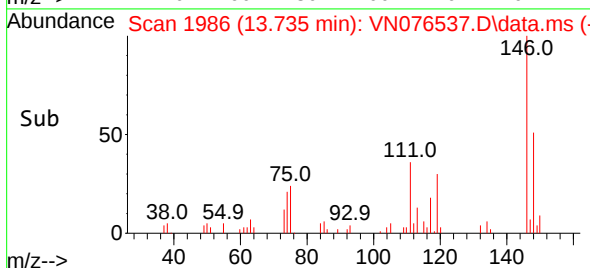
Reviewed By :John Carlone 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

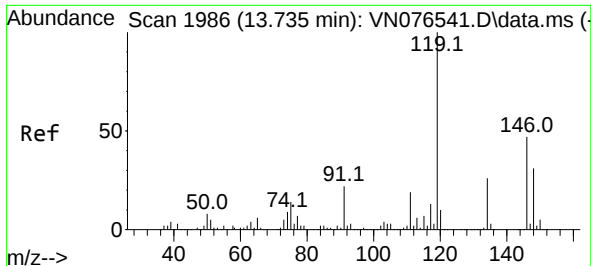


#86
 p-Isopropyltoluene
 Concen: 0.779 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076537.D
 Acq: 06 Feb 2023 12:22



Tgt Ion:119 Resp: 15565
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.6
 91 27.4 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 1.075 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 11314

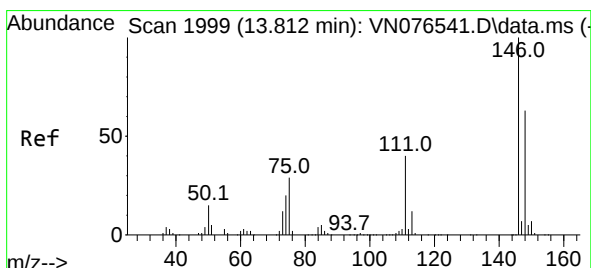
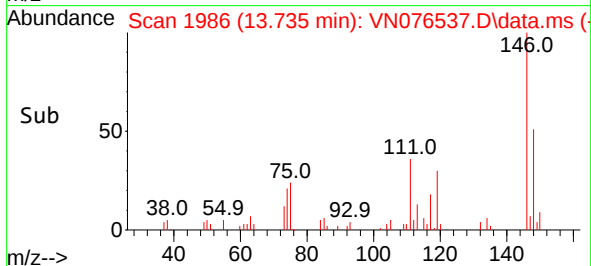
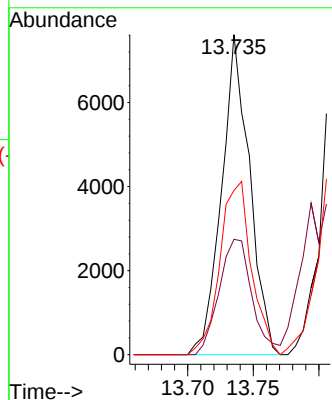
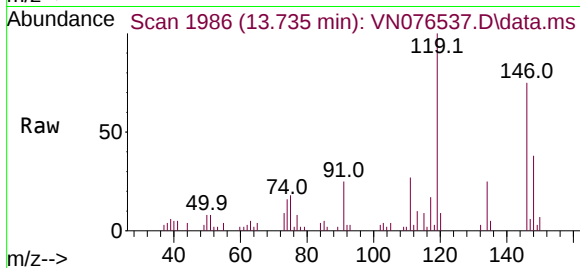
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.5
148	60.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#88

1,4-Dichlorobenzene

Concen: 1.183 ug/l m

RT: 13.818 min Scan# 2000

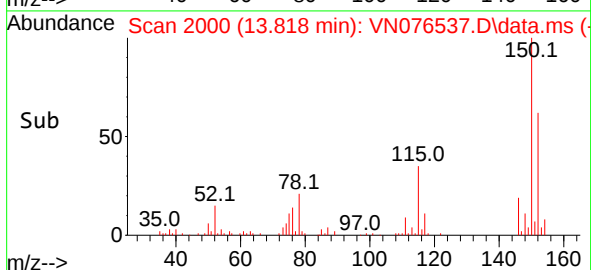
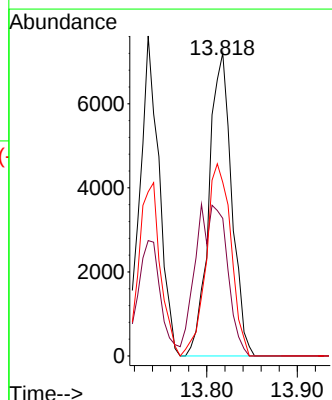
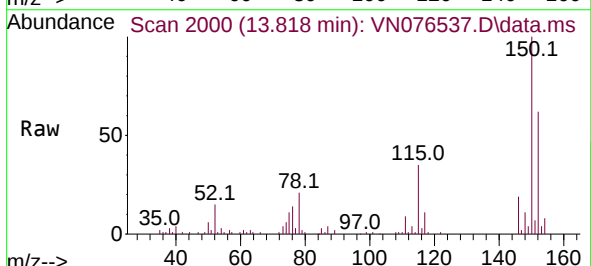
Delta R.T. 0.006 min

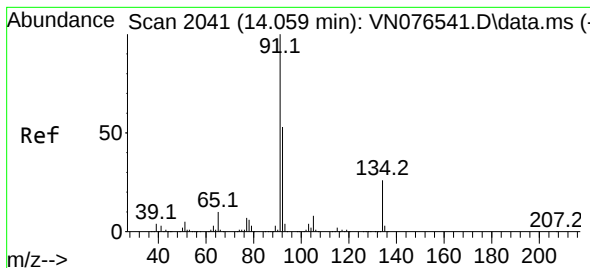
Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Tgt Ion:146 Resp: 12552

Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.2
148	54.9	31.6	95.0





#89

n-Butylbenzene

Concen: 0.888 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

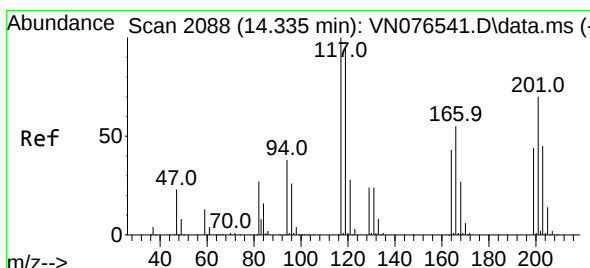
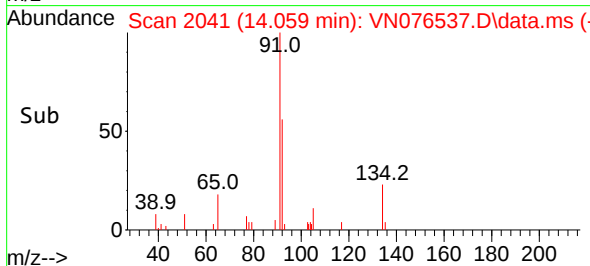
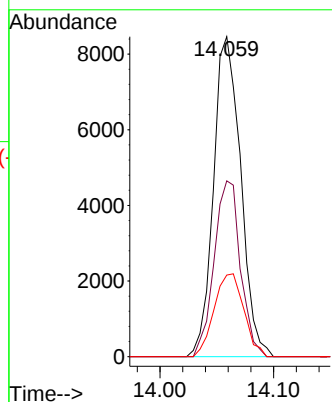
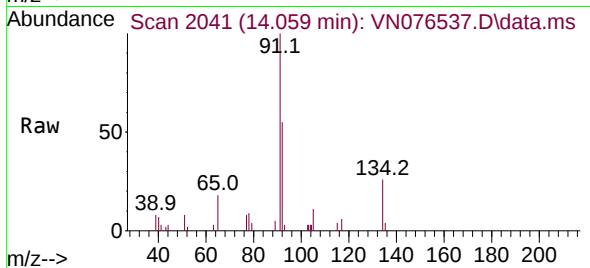
Tgt Ion: 91	Resp: 14069
Ion Ratio	Lower Upper
91 100	
92 53.3	26.9 80.7
134 28.3	13.0 39.0

Manual Integrations

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Reviewed By :John Carlone 02/07/2023

Supervised By :Mahesh Dadoda 02/07/2023



#90

Hexachloroethane

Concen: 0.897 ug/l

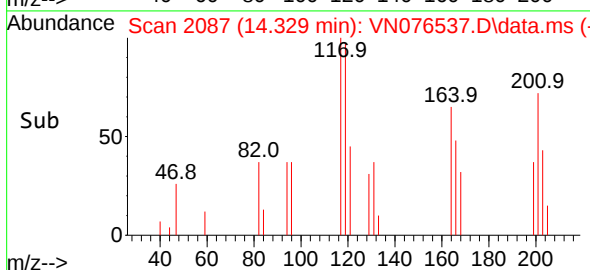
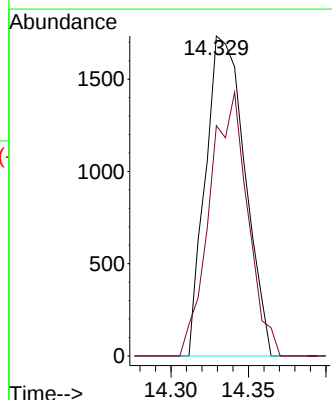
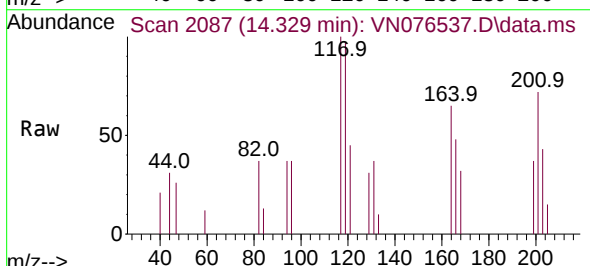
RT: 14.329 min Scan# 2087

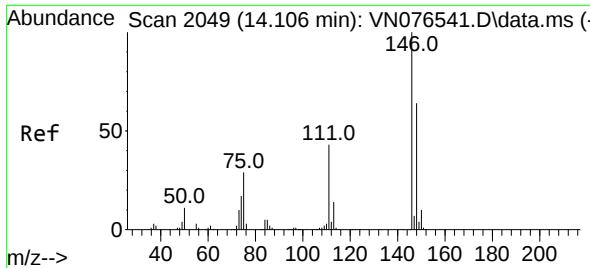
Delta R.T. -0.006 min

Lab File: VN076537.D

Acq: 06 Feb 2023 12:22

Tgt Ion: 117	Resp: 3061
Ion Ratio	Lower Upper
117 100	
201 79.7	36.5 109.7





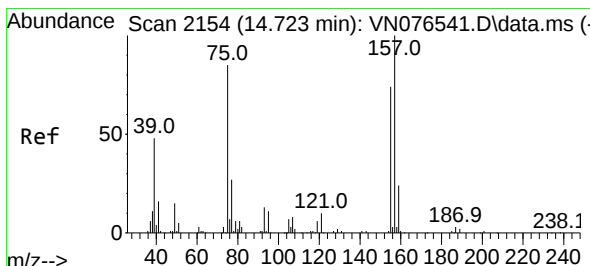
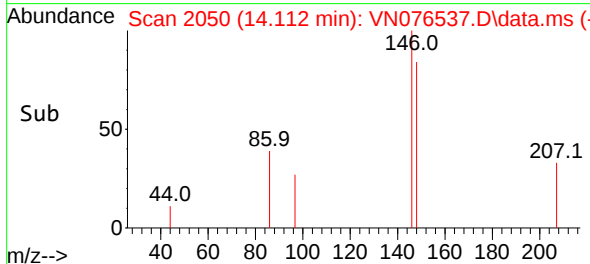
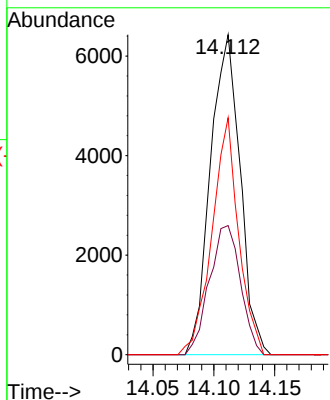
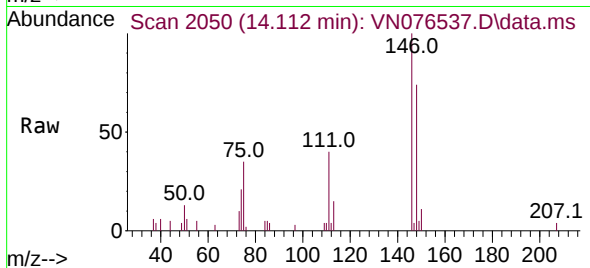
#91
1,2-Dichlorobenzene
Concen: 1.058 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 10920
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.9
148 66.4 32.3 96.9

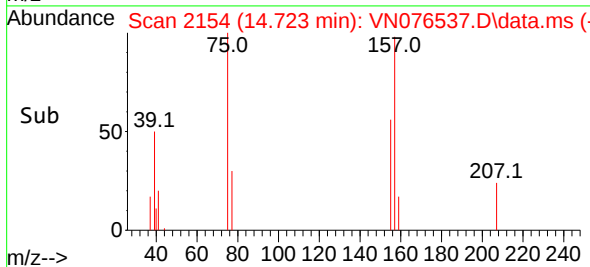
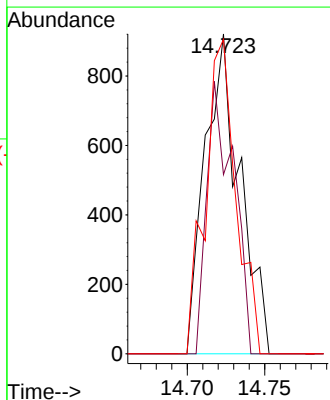
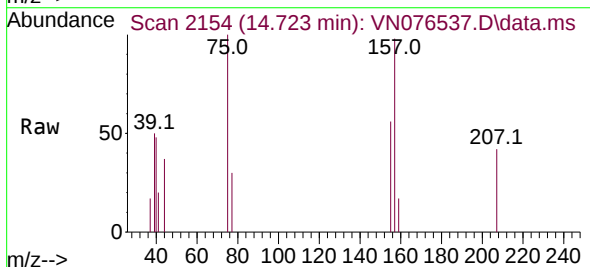
Manual Integrations
APPROVED

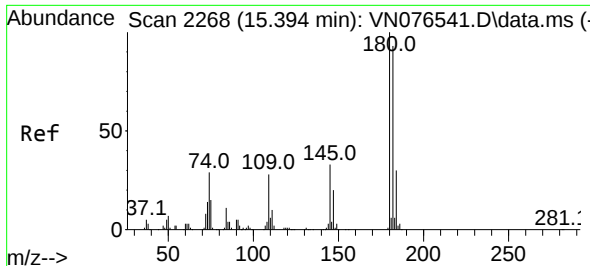
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.192 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Tgt Ion: 75 Resp: 1437
Ion Ratio Lower Upper
75 100
155 65.4 45.0 135.0
157 86.6 57.6 173.0





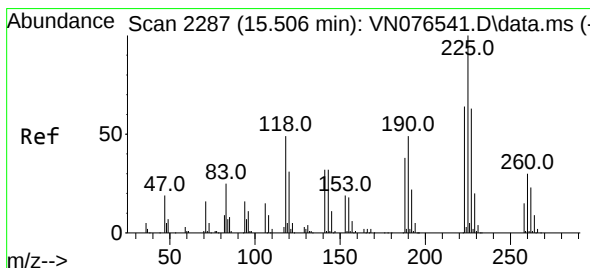
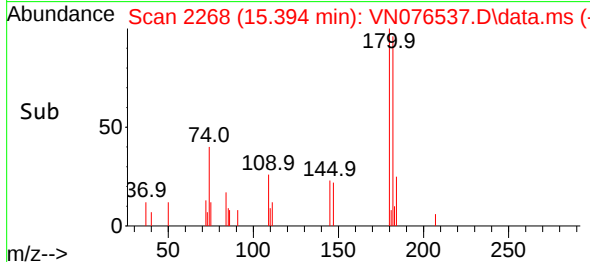
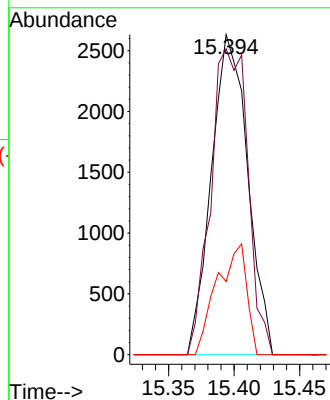
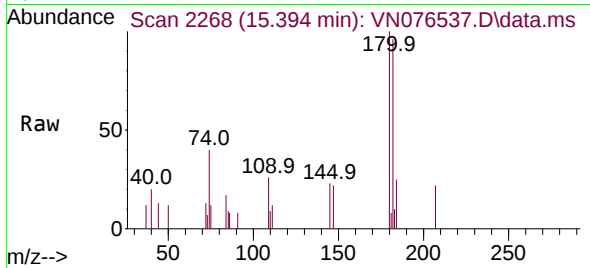
#93
1,2,4-Trichlorobenzene
Concen: 1.113 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 506
Ion Ratio Lower Upper
180 100
182 97.8 47.2 141.6
145 28.3 16.1 48.2

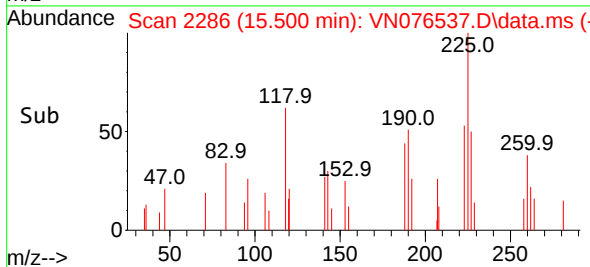
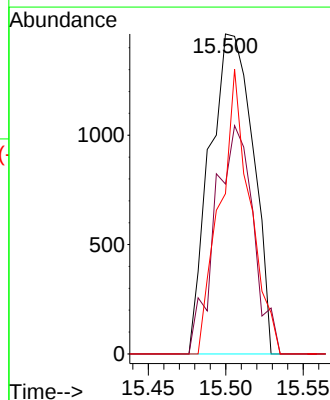
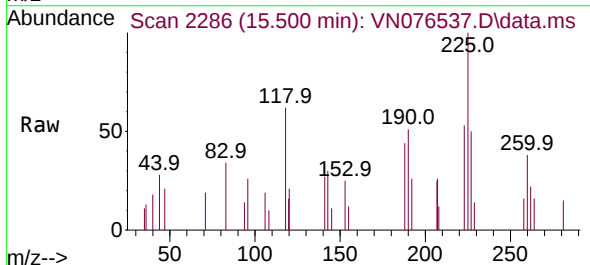
Manual Integrations
APPROVED

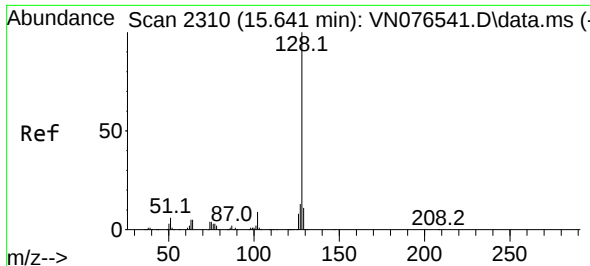
Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#94
Hexachlorobutadiene
Concen: 1.089 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

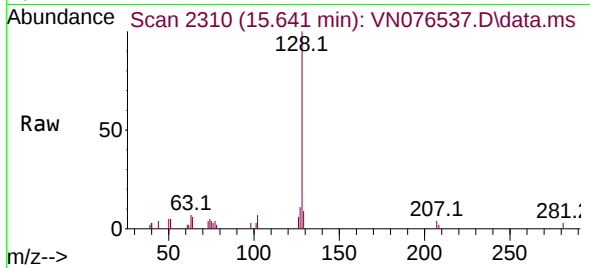
Tgt Ion:225 Resp: 2846
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.9
227 61.8 31.6 95.0





#95
Naphthalene
Concen: 1.140 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22

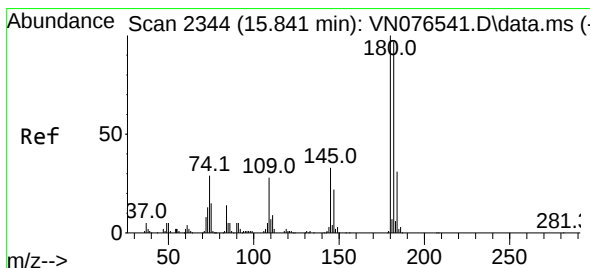
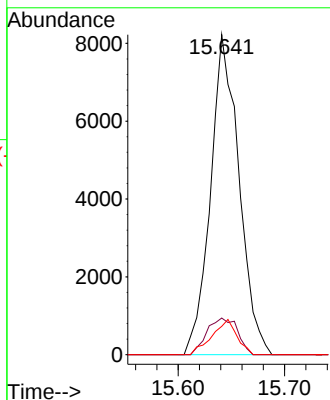
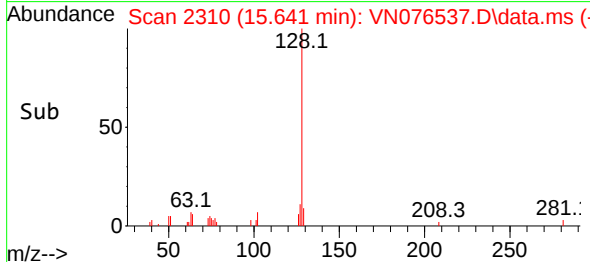
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



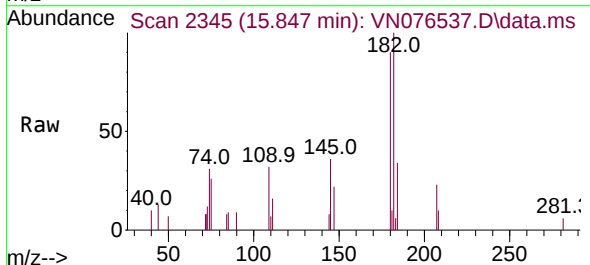
Tgt Ion:128 Resp: 15279
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 9.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.058 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076537.D
Acq: 06 Feb 2023 12:22



Tgt Ion:180 Resp: 4626
Ion Ratio Lower Upper
180 100
182 99.0 47.6 142.8
145 32.7 16.8 50.3

