

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075762.D
 Acq On : 14 Dec 2022 10:32
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 11:46:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 11:45:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	246259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	420431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152135	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	1730	0.955	ug/l	94
3) Chloromethane	2.377	50	2512	1.164	ug/l	99
4) Vinyl Chloride	2.530	62	2781	1.049	ug/l	90
7) Trichlorofluoromethane	3.512	101	3761	0.978	ug/l	92
8) Diethyl Ether	3.977	74	1343	0.955	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	2086	0.924	ug/l #	40
12) 1,1-Dichloroethene	4.359	96	2120	1.005	ug/l #	73
14) Allyl chloride	5.042	41	2206	0.840	ug/l	90
15) Acrylonitrile	5.742	53	5049	5.057	ug/l #	55
16) Acetone	4.459	43	5342	6.037	ug/l #	87
17) Carbon Disulfide	4.718	76	5408	0.969	ug/l #	74
18) Methyl Acetate	5.042	43	3031m	1.066	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6485	0.914	ug/l	98
20) Methylene Chloride	5.294	84	4305	1.632	ug/l #	83
21) trans-1,2-Dichloroethene	5.800	96	2519	1.068	ug/l #	61
22) Diisopropyl ether	6.677	45	5166	0.864	ug/l #	63
23) Vinyl Acetate	6.618	43	18278	4.010	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	4087	1.039	ug/l #	79
25) 2-Butanone	7.500	43	5988	4.629	ug/l	97
26) 2,2-Dichloropropane	7.488	77	3342	0.996	ug/l	88
27) cis-1,2-Dichloroethene	7.494	96	2583	0.902	ug/l	86
28) Bromochloromethane	7.812	49	1902	1.209	ug/l #	94
29) Tetrahydrofuran	7.853	42	3702	4.643	ug/l	93
30) Chloroform	7.971	83	4566	1.048	ug/l #	74
32) 1,1,1-Trichloroethane	8.177	97	3779	0.940	ug/l #	49
36) 1,1-Dichloropropene	8.383	75	3122	0.917	ug/l #	85
37) Ethyl Acetate	7.571	43	2567	0.939	ug/l #	87
38) Carbon Tetrachloride	8.365	117	3477	0.885	ug/l #	87
39) Methylcyclohexane	9.600	83	3106	0.719	ug/l	96
40) Benzene	8.618	78	9961	0.953	ug/l	97
41) Methacrylonitrile	7.794	41	1329	0.948	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	3221	0.921	ug/l	79
43) Isopropyl Acetate	8.694	43	3936	0.862	ug/l #	90
44) Trichloroethene	9.353	130	3033	1.029	ug/l	74
45) 1,2-Dichloropropane	9.618	63	2401	0.966	ug/l #	64
46) Dibromomethane	9.718	93	1893	1.014	ug/l	91

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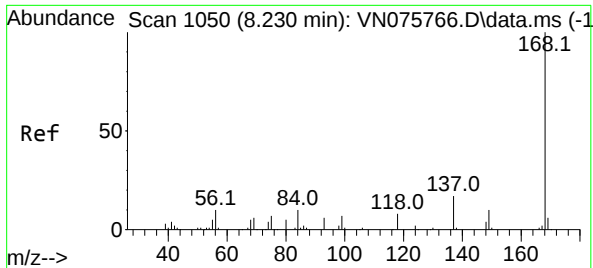
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.894	83	3609	0.986	ug/l #	78
48) Methyl methacrylate	9.682	41	1607	0.764	ug/l	94
49) 1,4-Dioxane	9.700	88	787	15.397	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	10787	3.832	ug/l	100
52) Toluene	10.629	92	5947	0.861	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	3255	0.901	ug/l #	80
54) cis-1,3-Dichloropropene	10.312	75	3472	0.863	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	2491	0.917	ug/l #	86
56) Ethyl methacrylate	10.876	69	2913	0.791	ug/l #	86
57) 1,3-Dichloropropane	11.171	76	3995	0.910	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	5349	4.922	ug/l	98
59) 2-Hexanone	11.194	43	8382	4.098	ug/l	94
60) Dibromochloromethane	11.359	129	2621	0.877	ug/l	98
61) 1,2-Dibromoethane	11.471	107	2348	0.825	ug/l	89
64) Tetrachloroethene	11.112	164	2537	0.949	ug/l	92
65) Chlorobenzene	11.888	112	7451	0.987	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	2475	0.901	ug/l #	66
67) Ethyl Benzene	11.965	91	10746	0.841	ug/l	100
68) m/p-Xylenes	12.070	106	8283	1.605	ug/l	92
69) o-Xylene	12.394	106	4051	0.809	ug/l	95
70) Styrene	12.412	104	6610	0.823	ug/l	94
71) Bromoform	12.576	173	1635	0.785	ug/l #	89
73) Isopropylbenzene	12.694	105	9374	0.858	ug/l	100
74) N-amyl acetate	12.494	43	2799	0.882	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	3701	1.128	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	2937m	0.961	ug/l	
77) Bromobenzene	12.982	156	2939	1.070	ug/l	97
78) n-propylbenzene	13.035	91	9839	0.812	ug/l	100
79) 2-Chlorotoluene	13.129	91	7239	0.967	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	7318	0.801	ug/l	95
82) 4-Chlorotoluene	13.129	91	7239	0.967	ug/l	92
83) tert-Butylbenzene	13.441	119	6345	0.766	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	7154	0.779	ug/l	92
85) sec-Butylbenzene	13.617	105	8675	0.762	ug/l	98
86) p-Isopropyltoluene	13.729	119	6882	0.722	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	4950	0.964	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	5875m	1.124	ug/l	
89) n-Butylbenzene	14.053	91	6044	0.792	ug/l	96
90) Hexachloroethane	14.341	117	1377	0.844	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	4495	0.879	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.717	75	721	1.337	ug/l	55
93) 1,2,4-Trichlorobenzene	15.400	180	2649	1.079	ug/l	88
94) Hexachlorobutadiene	15.506	225	1190	0.855	ug/l	96
95) Naphthalene	15.647	128	6126	0.845	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	1931	0.801	ug/l	95

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

Manual Integrations

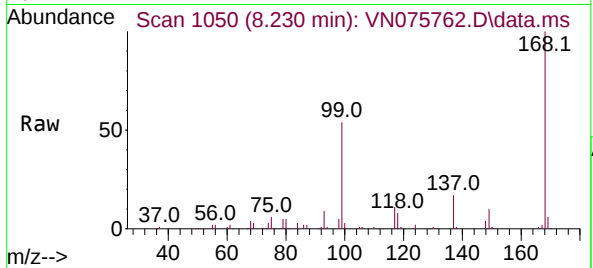
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QLast Update : Wed Dec 14 11:45:57 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

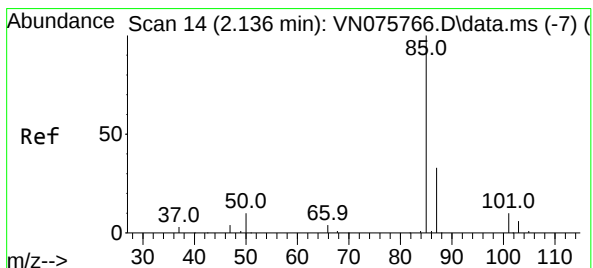
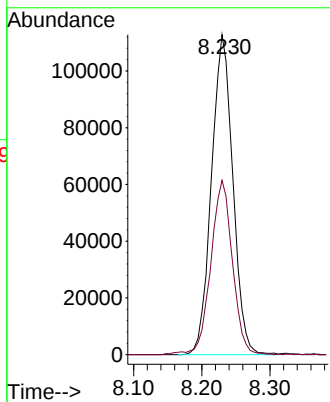
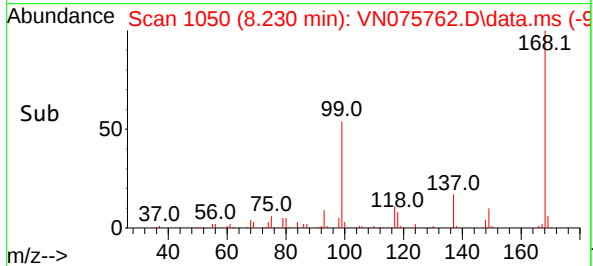
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 246259
Ion Ratio Lower Upper
168 100
99 54.3 41.2 61.8

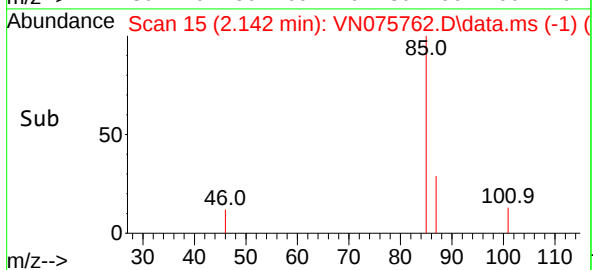
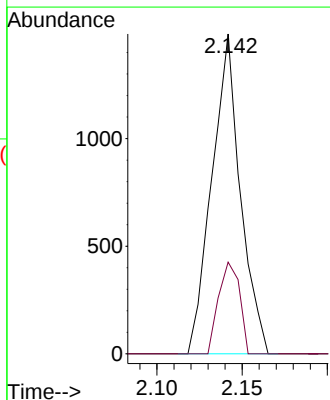
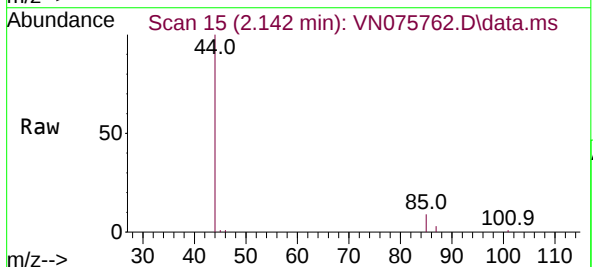
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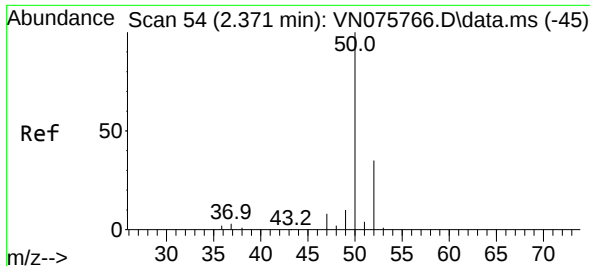
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#2
Dichlorodifluoromethane
Concen: 0.955 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion: 85 Resp: 1730
Ion Ratio Lower Upper
85 100
87 28.7 16.1 48.2





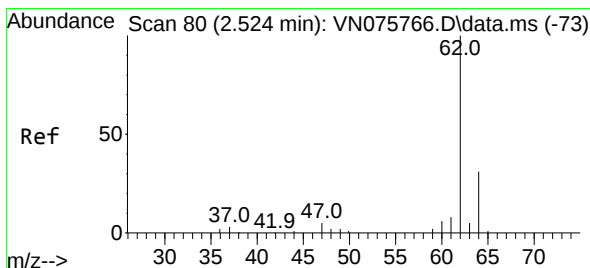
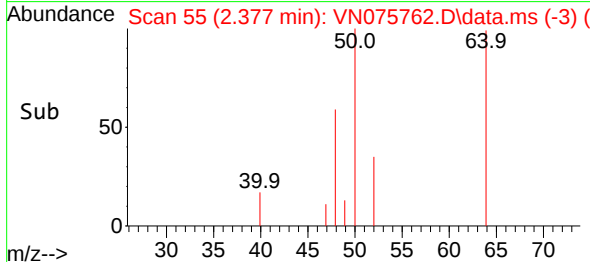
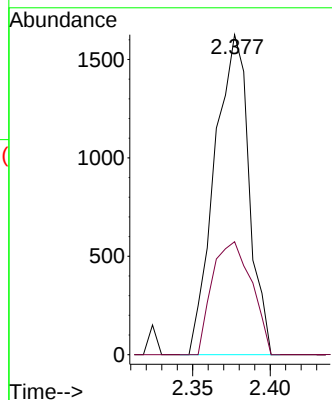
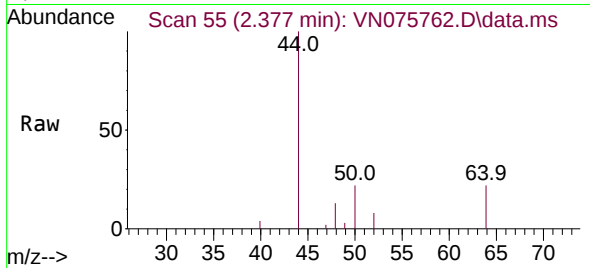
#3
Chloromethane
Concen: 1.164 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 35.3 27.9 41.9

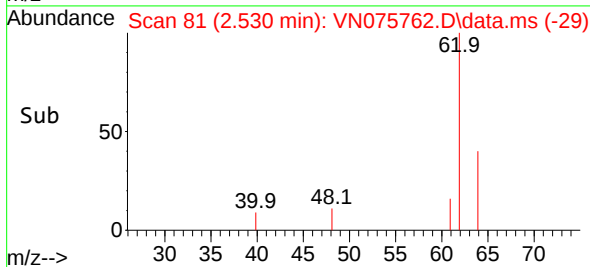
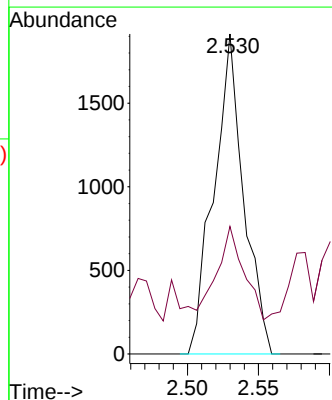
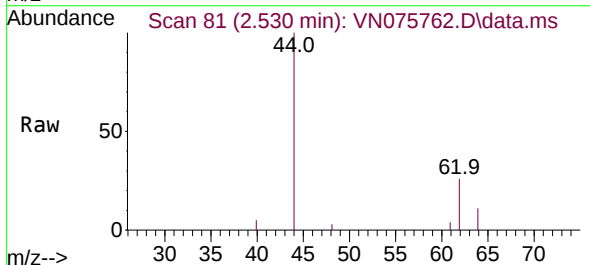
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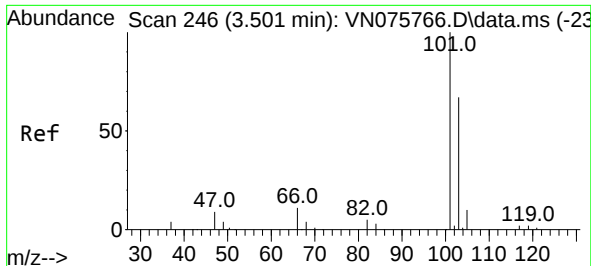
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#4
Vinyl Chloride
Concen: 1.049 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

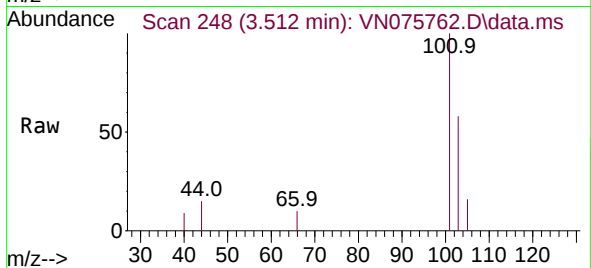
Tgt Ion: 62 Resp: 2781
Ion Ratio Lower Upper
62 100
64 26.7 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 0.978 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

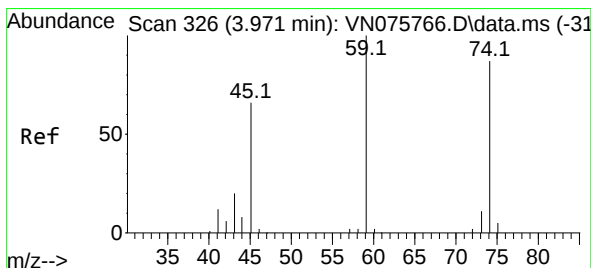
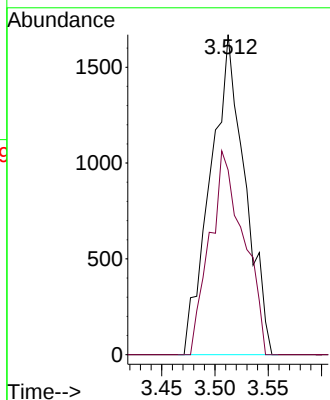
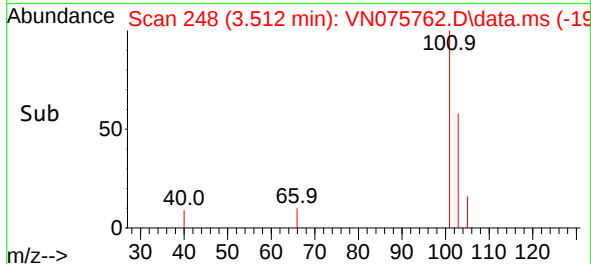
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:101 Resp: 376
 Ion Ratio Lower Upper
 101 100
 103 57.7 51.4 77.2

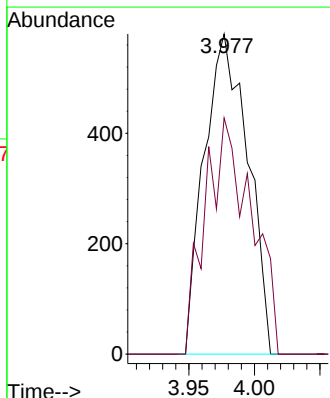
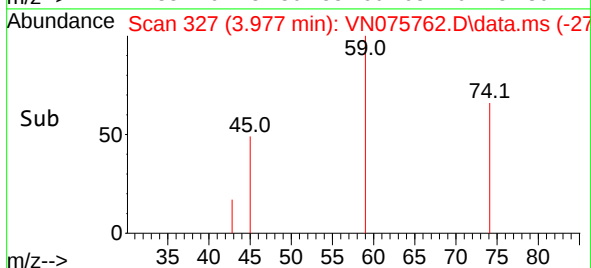
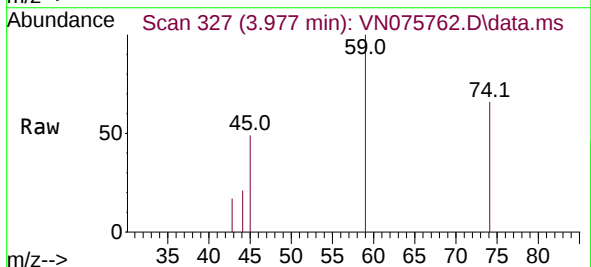
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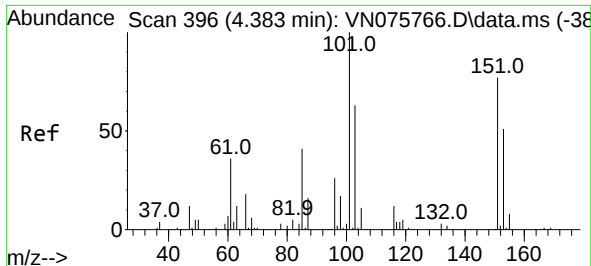
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#8
 Diethyl Ether
 Concen: 0.955 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Tgt Ion: 74 Resp: 1343
 Ion Ratio Lower Upper
 74 100
 45 77.7 36.8 110.4





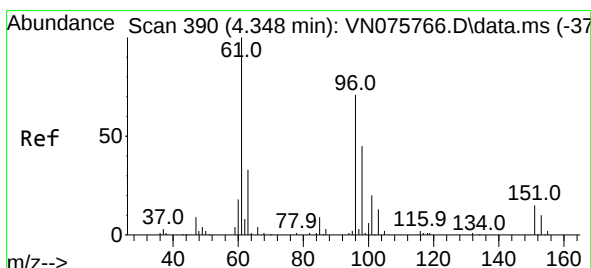
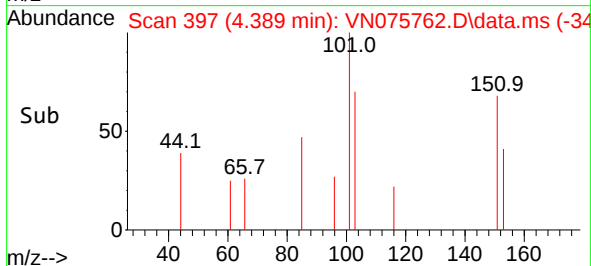
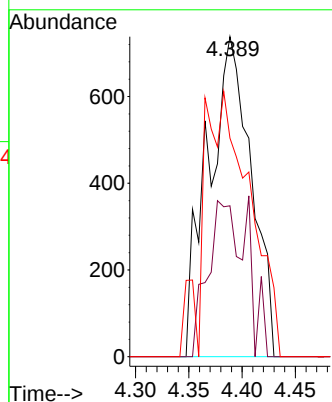
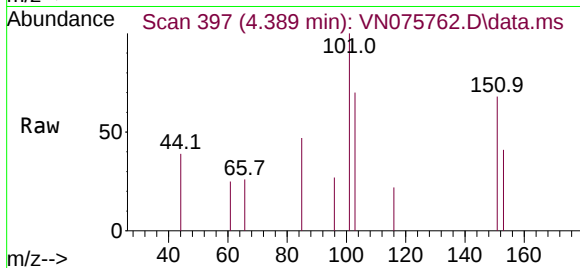
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.924 ug/l
 RT: 4.389 min Scan# 396
 Delta R.T. 0.006 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Instrument :
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Tgt Ion:101 Resp: 2080
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.3 52.9
 151 0.0 65.6 98.4

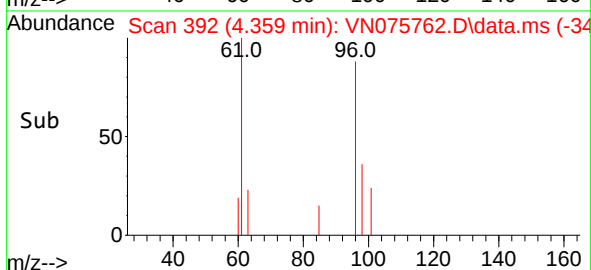
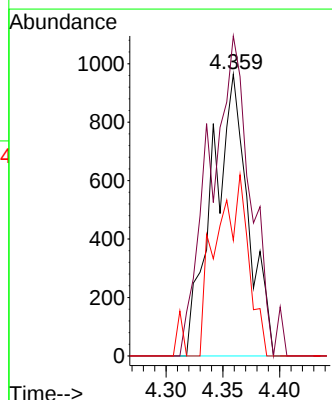
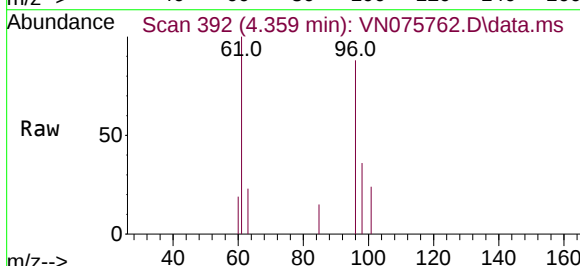
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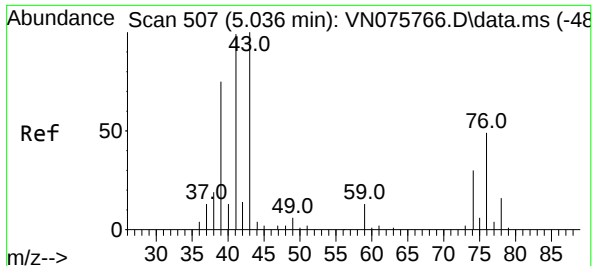
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#12
 1,1-Dichloroethene
 Concen: 1.005 ug/l
 RT: 4.359 min Scan# 392
 Delta R.T. 0.006 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Tgt Ion: 96 Resp: 2120
 Ion Ratio Lower Upper
 96 100
 61 113.6 116.8 175.2#
 98 41.1 51.6 77.4#





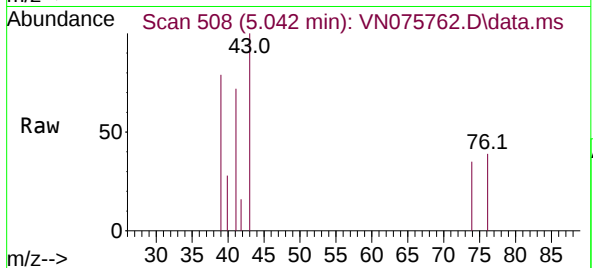
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 Allyl chloride
 Concen: 0.840 ug/l
 RT: 5.042 min Scan# 507
 Delta R.T. 0.006 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC001

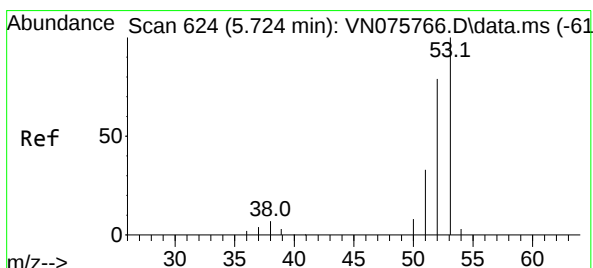
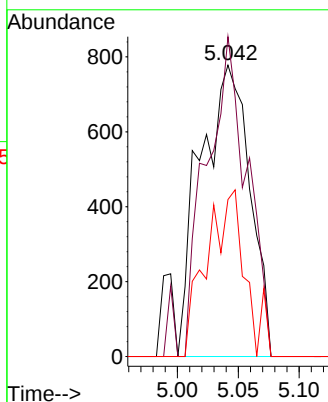
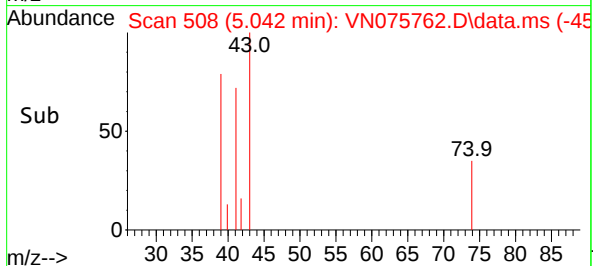


Tgt Ion: 41 Resp: 2200
 Ion Ratio Lower Upper
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 39 90.3 64.6 96.8
 76 44.4 40.9 61.3

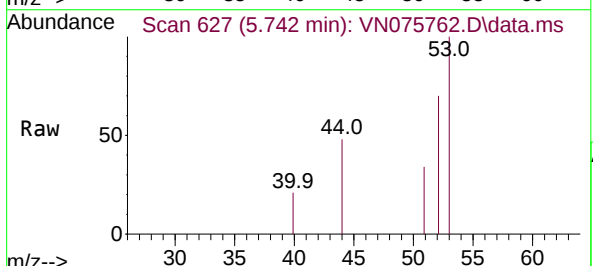
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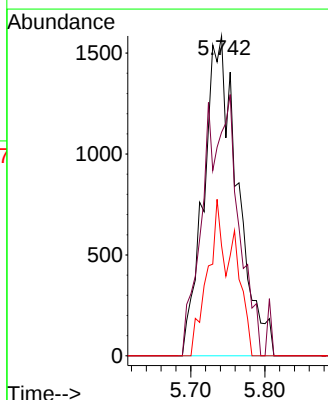
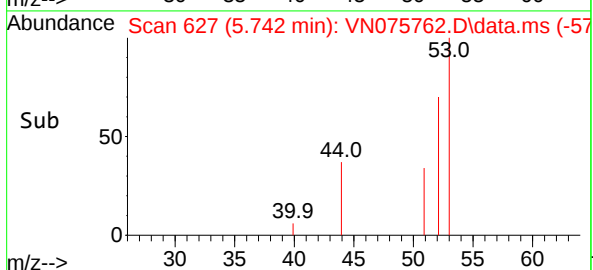
Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

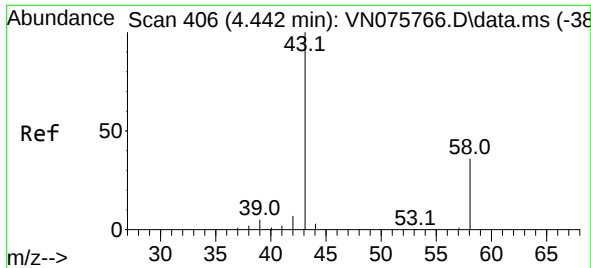


#15
 Acrylonitrile
 Concen: 5.057 ug/l
 RT: 5.742 min Scan# 627
 Delta R.T. 0.012 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32



Tgt Ion: 53 Resp: 5049
 Ion Ratio Lower Upper
 53 100
 52 31.4 65.0 97.4#
 51 23.2 28.9 43.3#





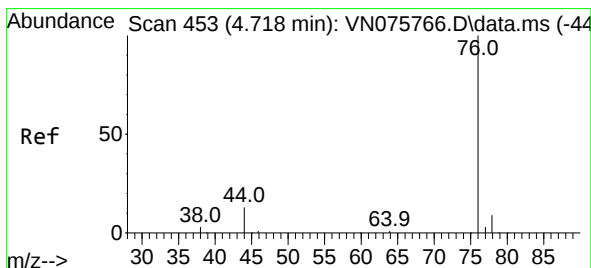
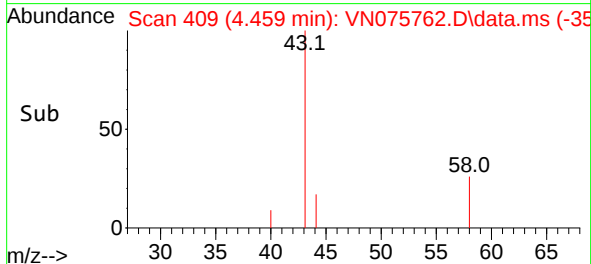
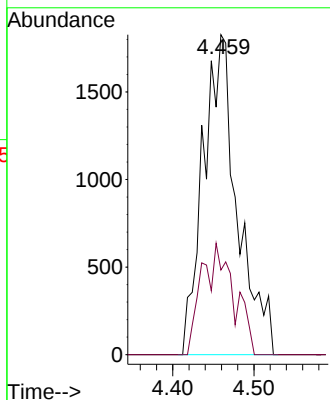
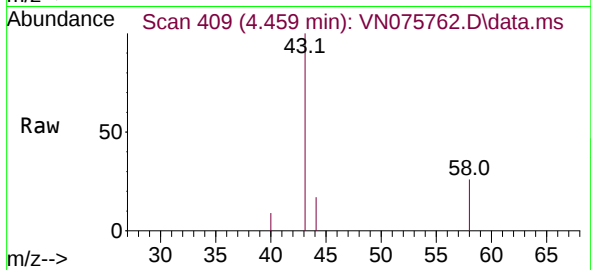
#16
Acetone
Concen: 6.037 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
58 26.4 27.0 40.4

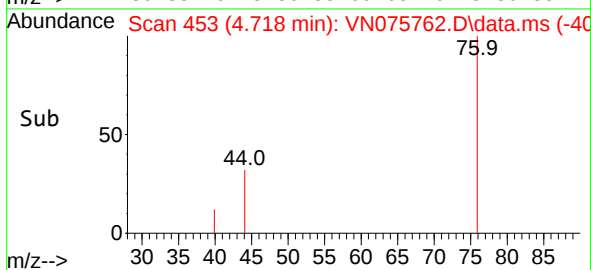
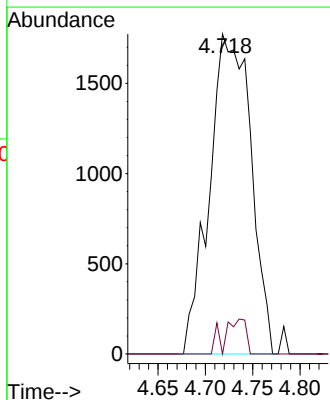
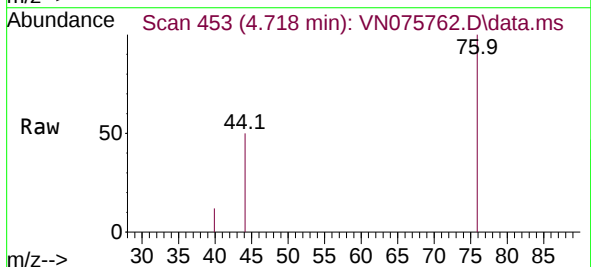
Manual Integrations
APPROVED

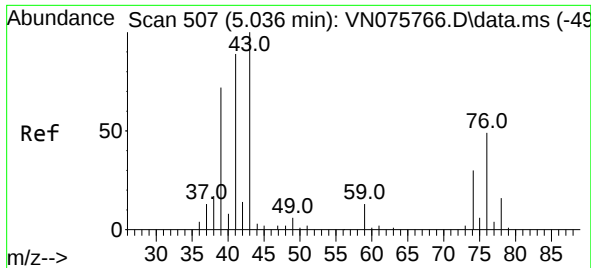
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#17
Carbon Disulfide
Concen: 0.969 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion: 76 Resp: 5408
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2





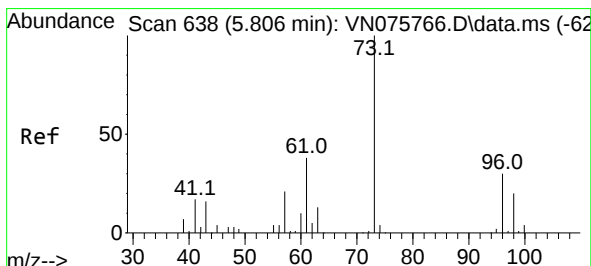
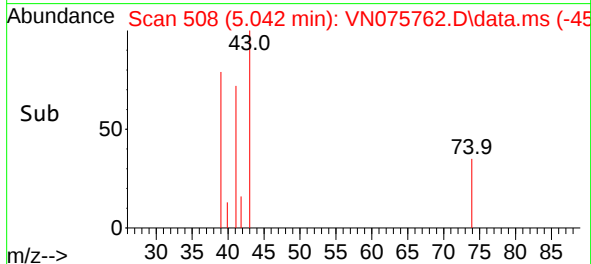
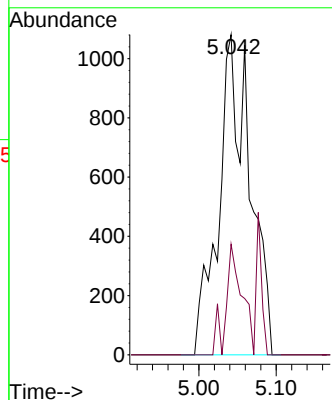
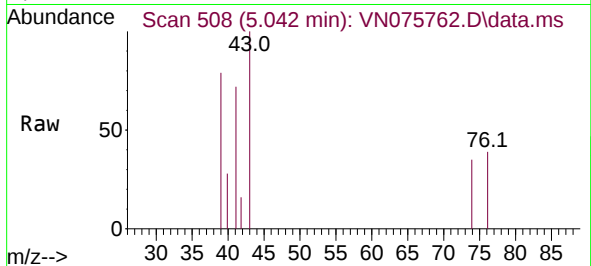
#18
Methyl Acetate
Concen: 1.066 ug/l m
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
74 18.0 24.5 36.7

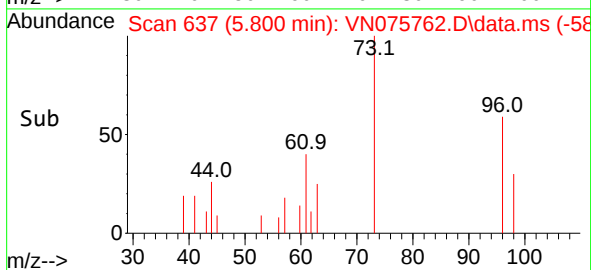
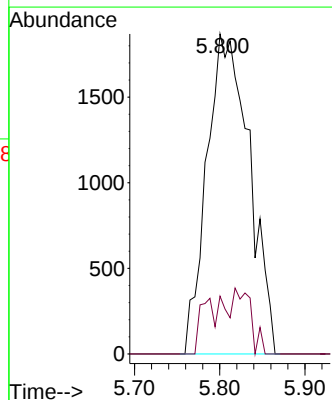
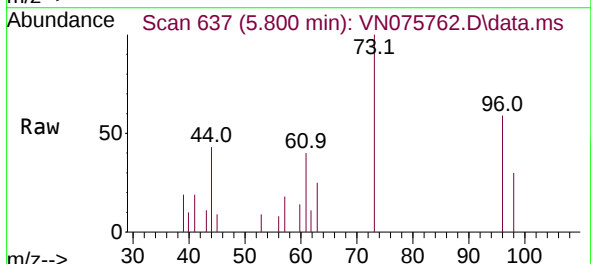
Manual Integrations
APPROVED

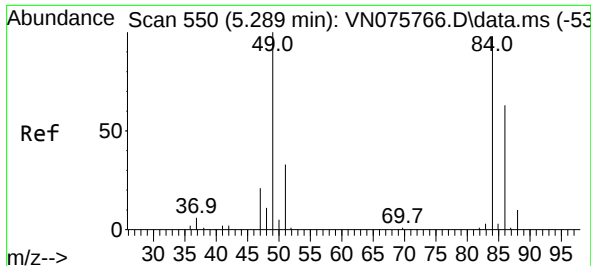
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#19
Methyl tert-butyl Ether
Concen: 0.914 ug/l
RT: 5.800 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

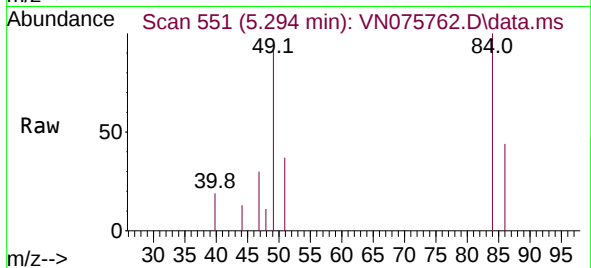
Tgt Ion: 73 Resp: 6485
Ion Ratio Lower Upper
73 100
57 18.0 15.1 22.7





#20
Methylene Chloride
Concen: 1.632 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

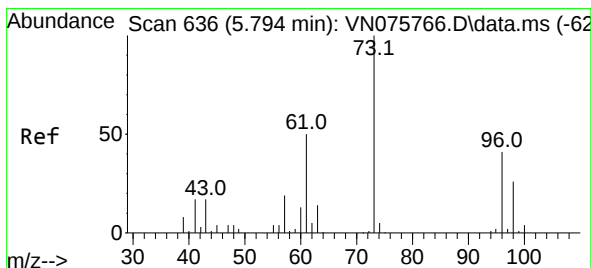
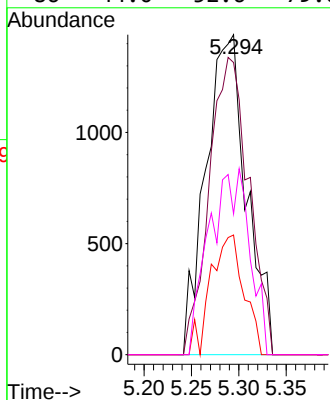
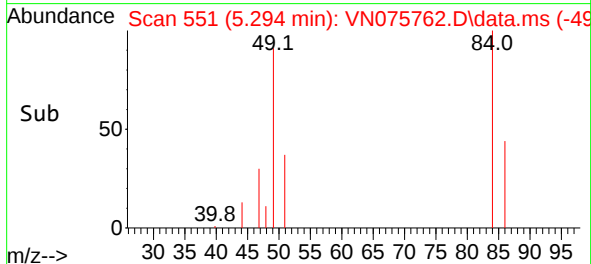
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 84 Resp: 4309
Ion Ratio Lower Upper
84 100
49 91.3 83.0 124.4
51 37.4 26.0 39.0
86 44.0 52.6 79.0#

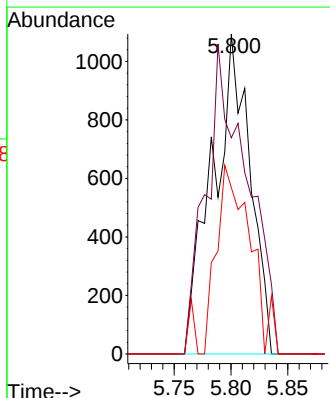
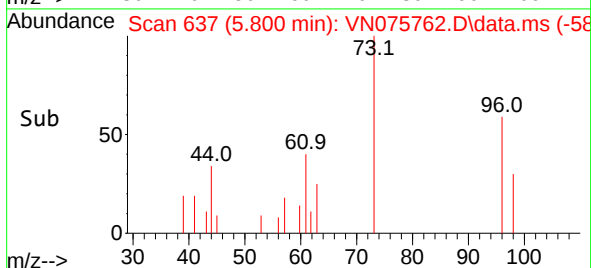
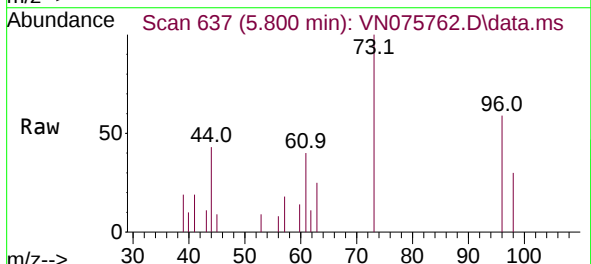
Manual Integrations
APPROVED

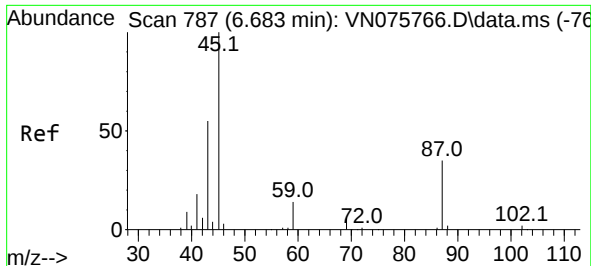
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#21
trans-1,2-Dichloroethene
Concen: 1.068 ug/l
RT: 5.800 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

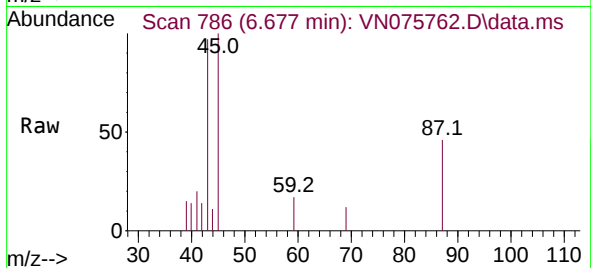
Tgt Ion: 96 Resp: 2519
Ion Ratio Lower Upper
96 100
61 67.6 100.5 150.7#
98 52.0 52.7 79.1#





#22
Diisopropyl ether
Concen: 0.864 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

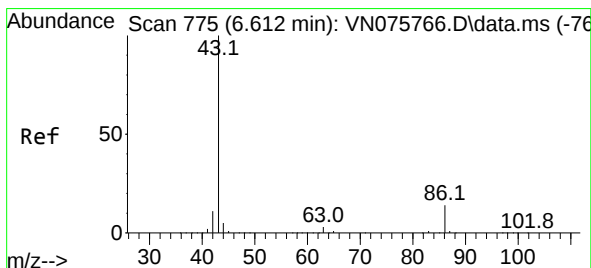
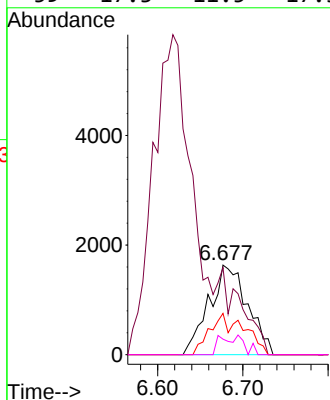
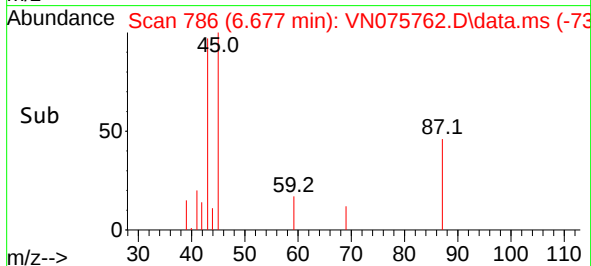
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



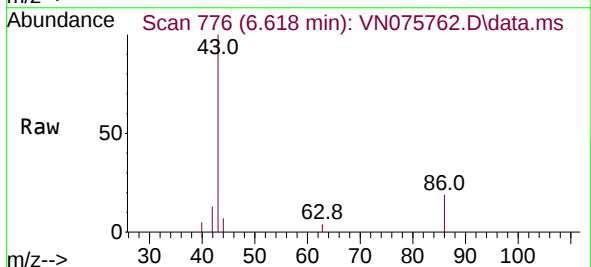
Tgt Ion: 45 Resp: 5160
Ion Ratio Lower Upper
45 100
43 97.3 44.9 67.3#
87 46.1 28.8 43.2#
59 17.3 11.5 17.3#

Manual Integrations
APPROVED

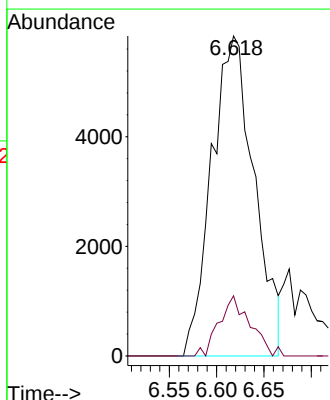
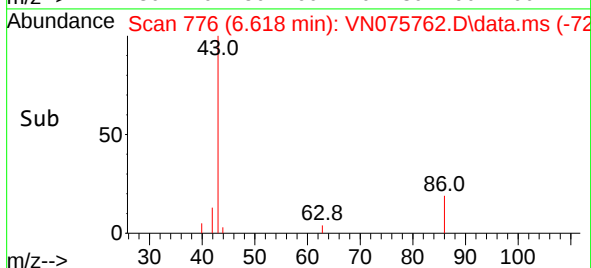
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

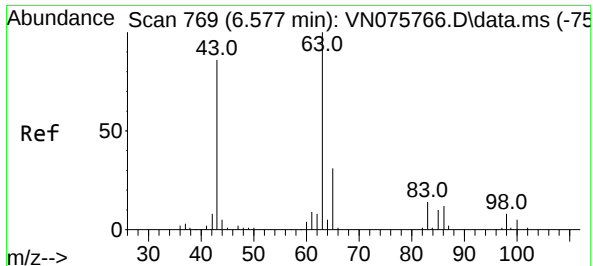


#23
Vinyl Acetate
Concen: 4.010 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



Tgt Ion: 43 Resp: 18278
Ion Ratio Lower Upper
43 100
86 18.8 11.5 17.3#





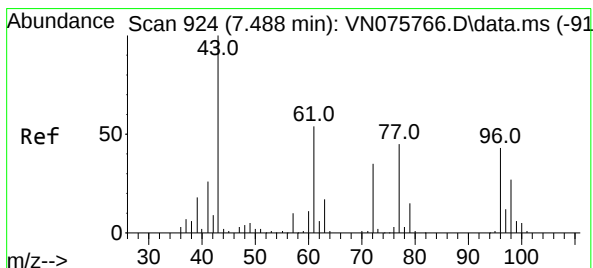
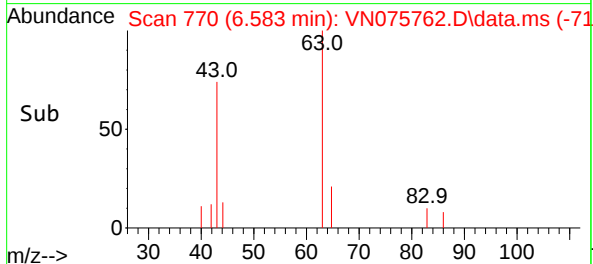
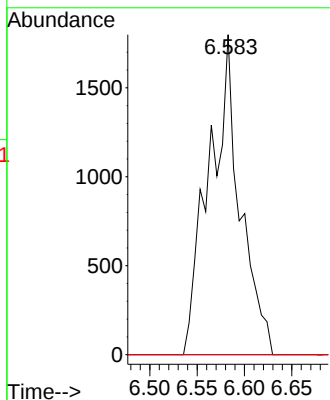
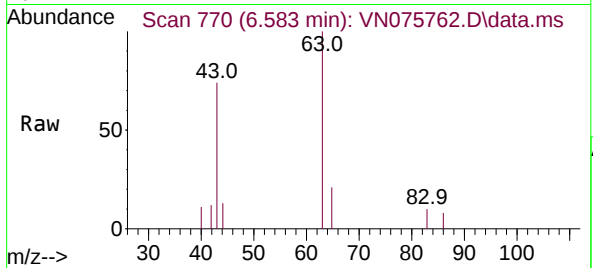
#24
1,1-Dichloroethane
Concen: 1.039 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 408
Ion Ratio Lower Upper
63 100
98 0.0 4.3 12.9
100 0.0 2.6 7.8

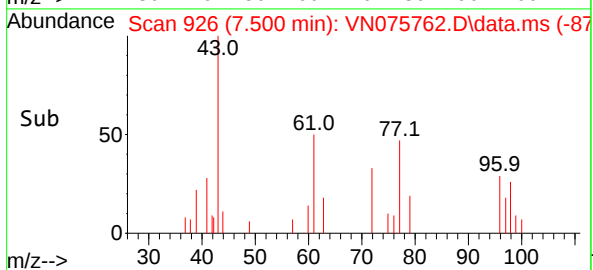
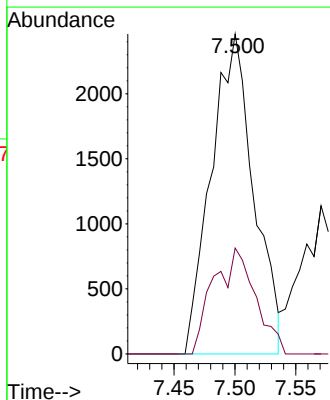
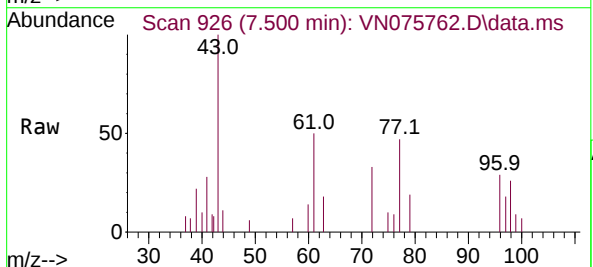
Manual Integrations
APPROVED

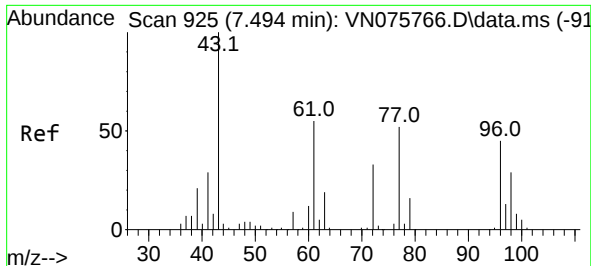
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#25
2-Butanone
Concen: 4.629 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion: 43 Resp: 5988
Ion Ratio Lower Upper
43 100
72 33.1 25.3 37.9





#26

2,2-Dichloropropane

Concen: 0.996 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 77 Resp: 334

Ion Ratio Lower Upper

77 100

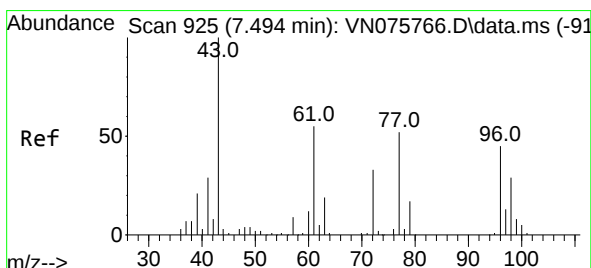
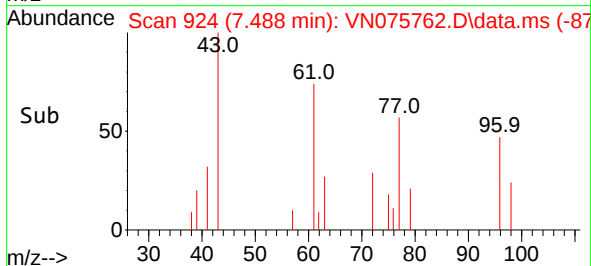
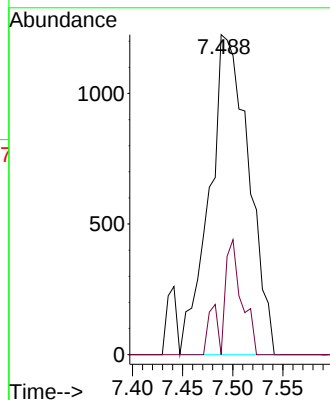
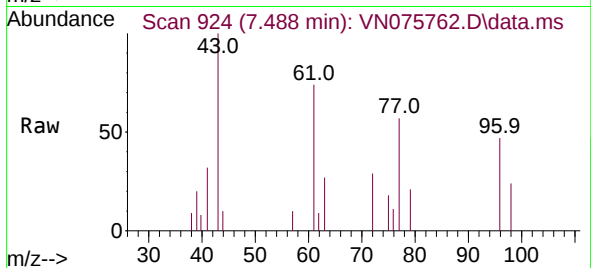
97 18.3 12.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#27

cis-1,2-Dichloroethene

Concen: 0.902 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

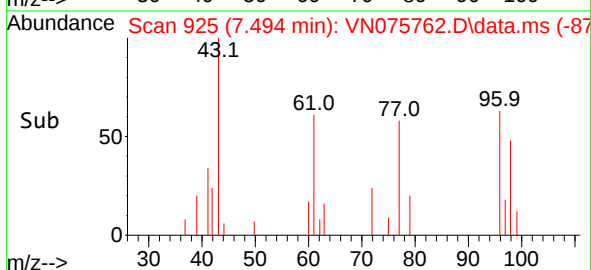
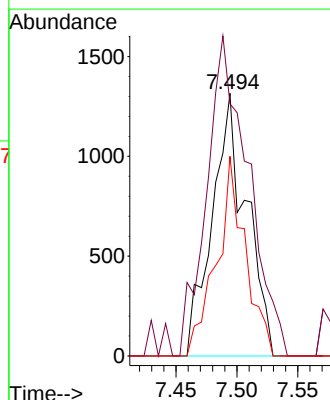
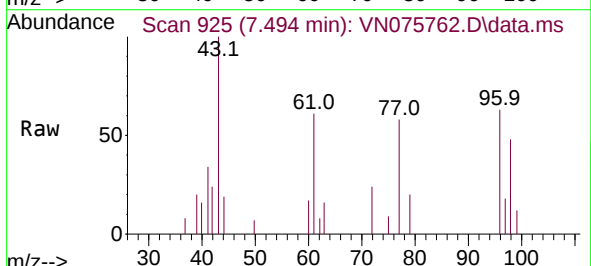
Tgt Ion: 96 Resp: 2583

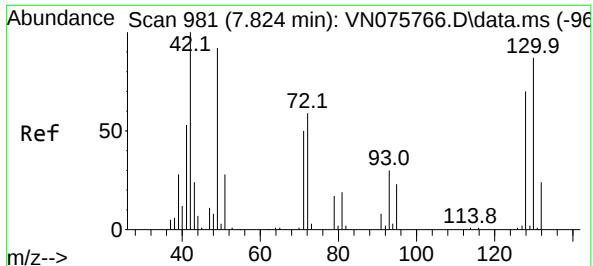
Ion Ratio Lower Upper

96 100

61 147.4 0.0 247.8

98 63.4 0.0 126.0





#28

Bromochloromethane

Concen: 1.209 ug/l

RT: 7.812 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075762.D

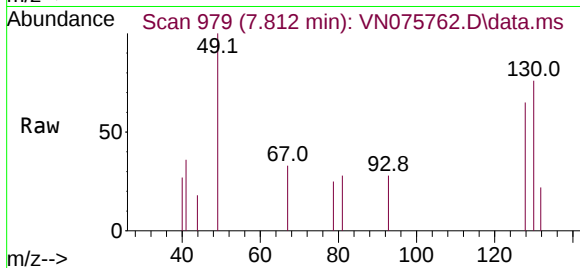
Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



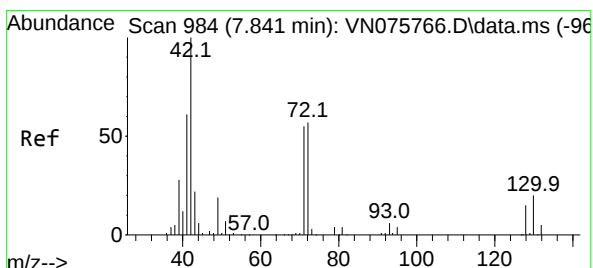
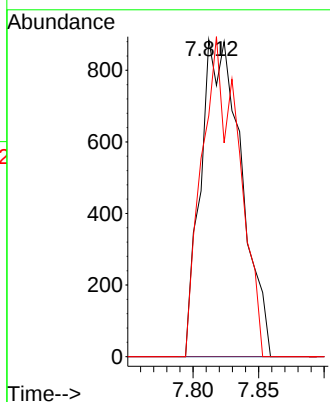
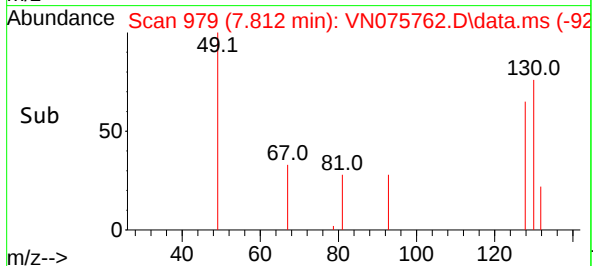
Tgt Ion:	49	Resp:	190
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	5.4
130	92.1	78.5	117.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#29

Tetrahydrofuran

Concen: 4.643 ug/l

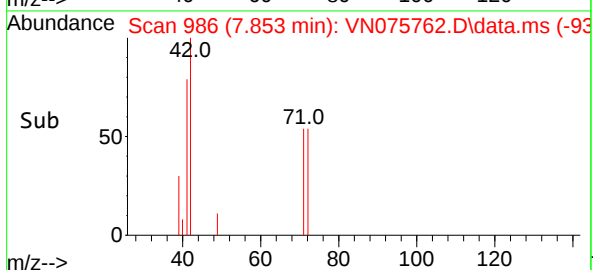
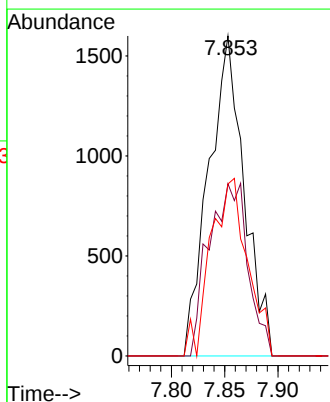
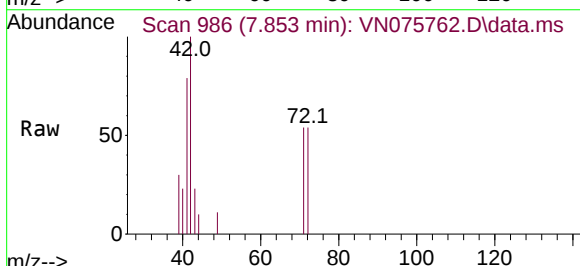
RT: 7.853 min Scan# 986

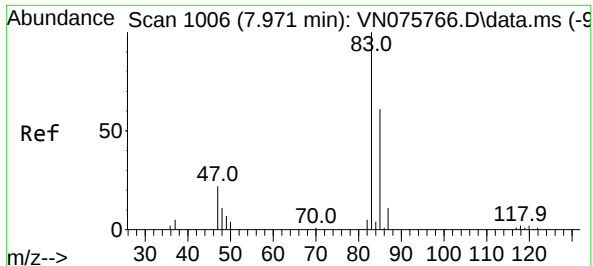
Delta R.T. 0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Tgt Ion:	42	Resp:	3702
Ion Ratio	Lower	Upper	
42	100		
72	59.5	44.6	67.0
71	57.6	41.2	61.8





#30

Chloroform

Concen: 1.048 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 4560

Ion Ratio Lower Upper

83 100

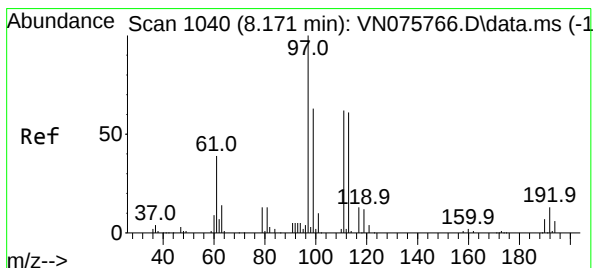
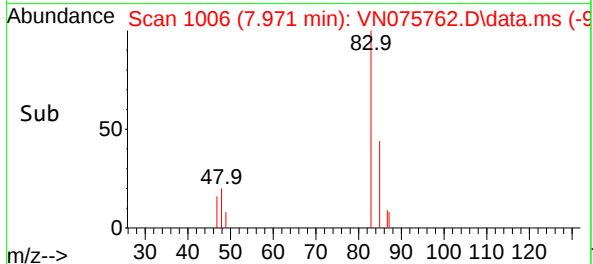
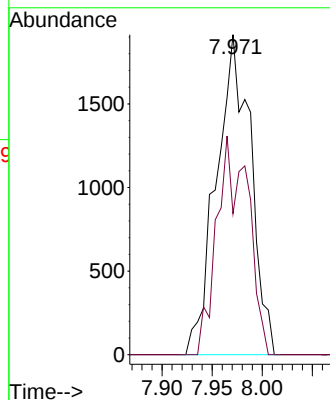
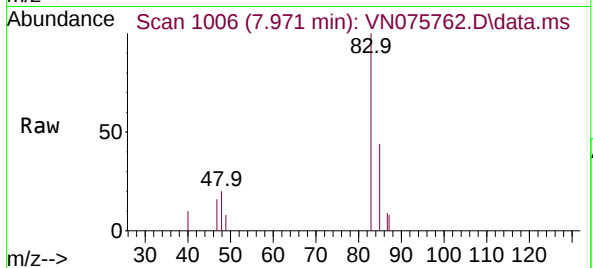
85 44.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 0.940 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

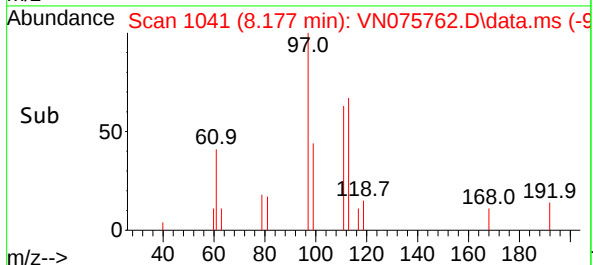
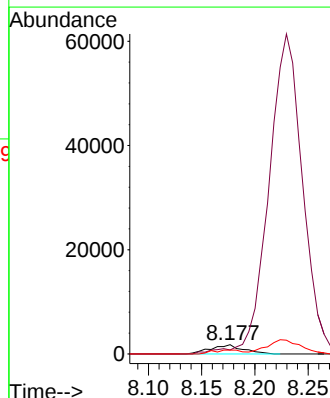
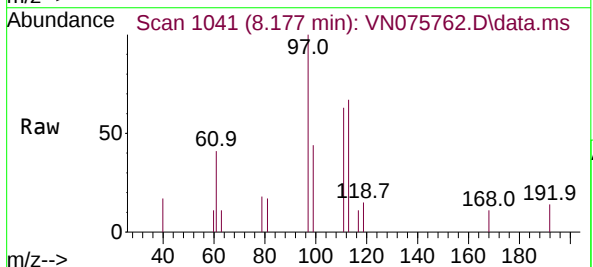
Tgt Ion: 97 Resp: 3779

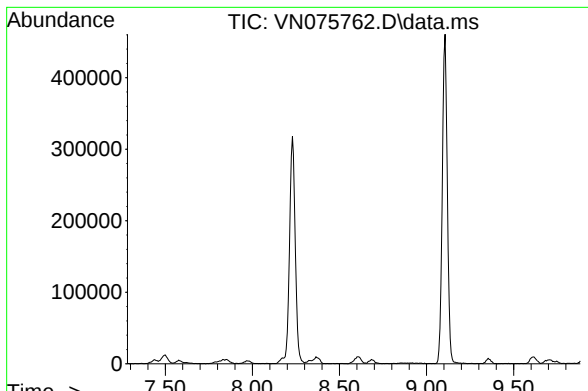
Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8

61 39.2 34.2 51.4





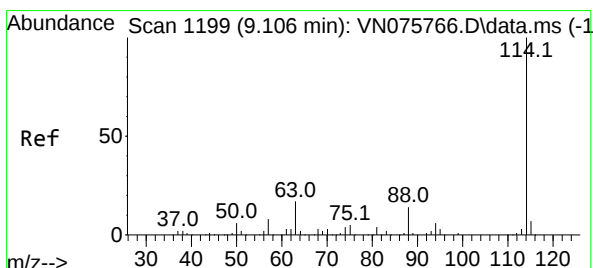
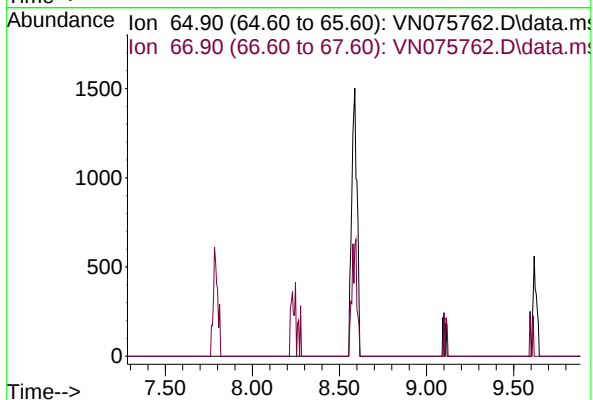
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

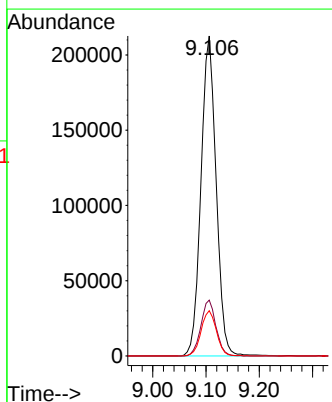
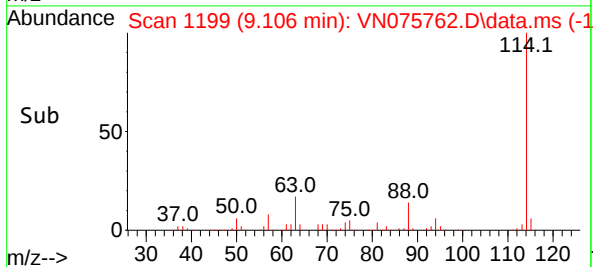
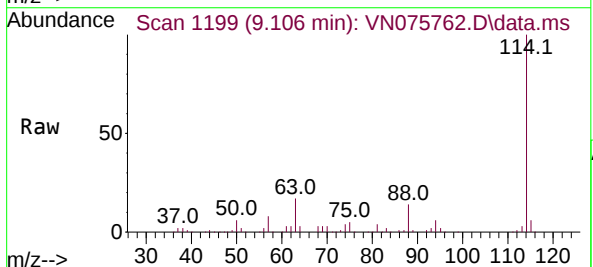
Manual Integrations
APPROVED

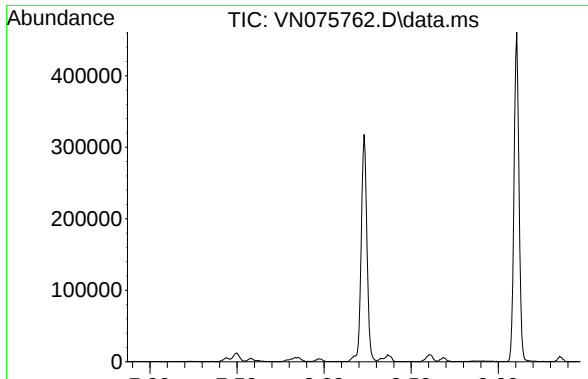
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Tgt Ion:114 Resp: 420431
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 14.1 0.0 29.2





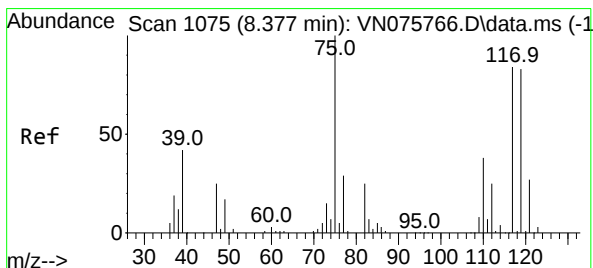
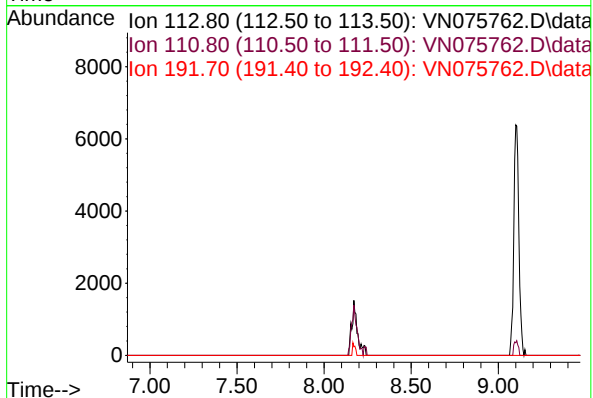
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.17 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 101.3
 192 20.2

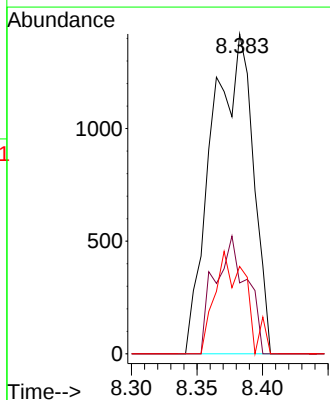
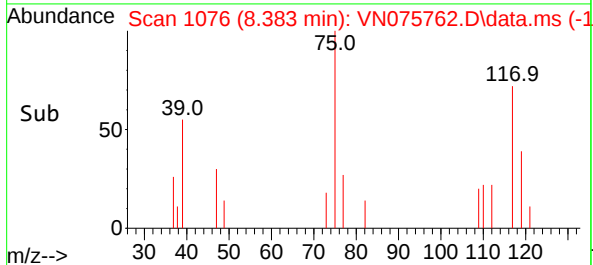
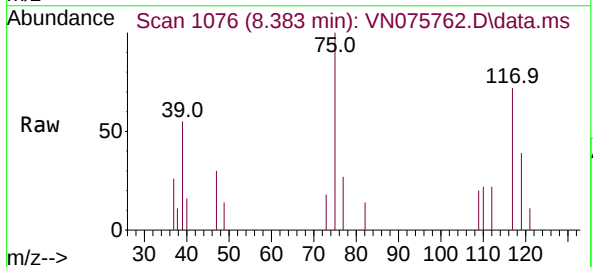
Manual Integrations
 APPROVED

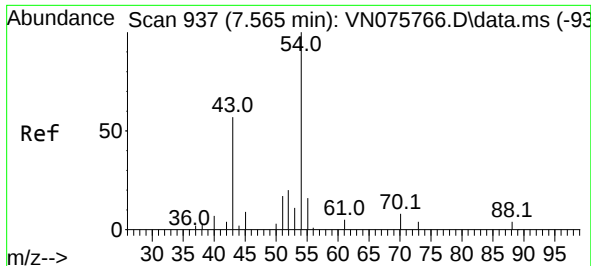
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#36
 1,1-Dichloropropene
 Concen: 0.917 ug/l
 RT: 8.383 min Scan# 1076
 Delta R.T. 0.006 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Tgt Ion: 75 Resp: 3122
 Ion Ratio Lower Upper
 75 100
 110 28.3 18.9 56.9
 77 23.8 25.4 38.2#





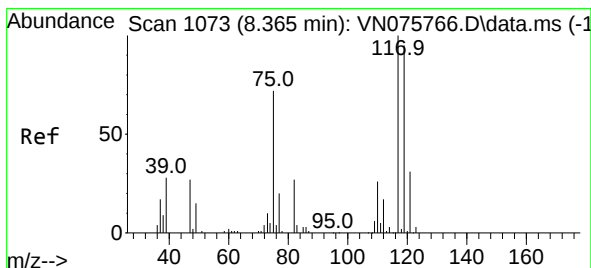
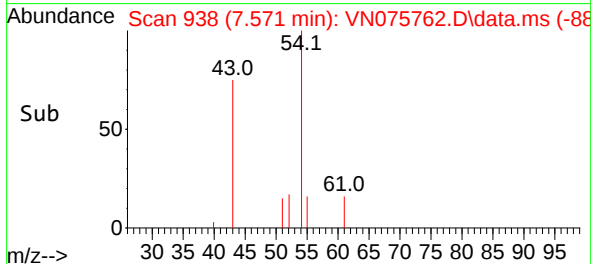
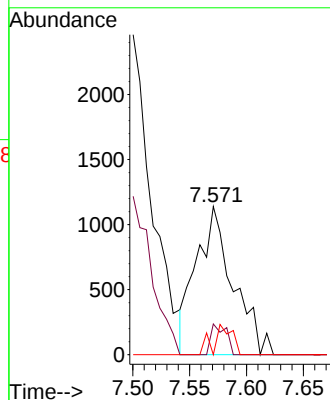
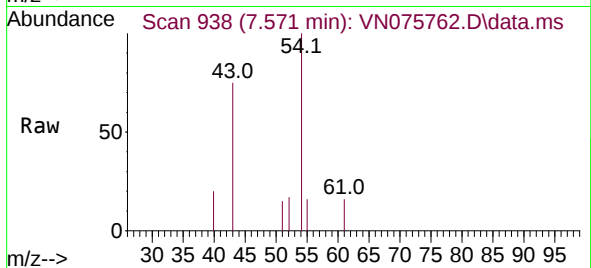
#37
Ethyl Acetate
Concen: 0.939 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
61 8.5 13.3 19.9
70 10.2 9.9 14.9

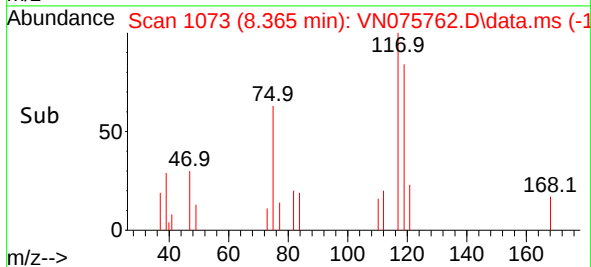
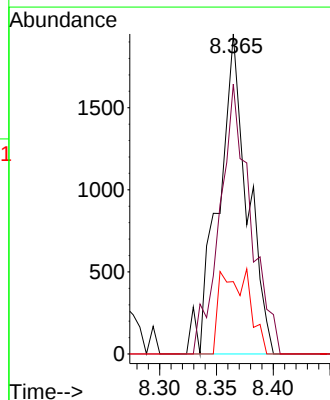
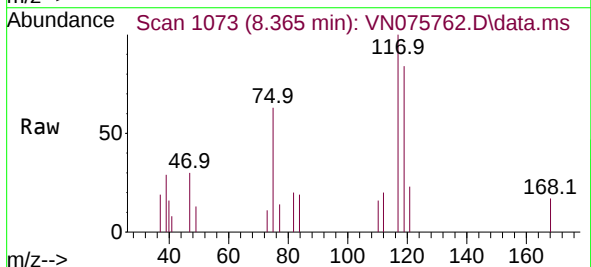
Manual Integrations
APPROVED

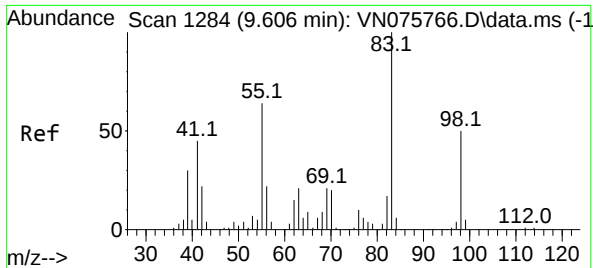
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 0.885 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion:117 Resp: 3477
Ion Ratio Lower Upper
117 100
119 84.4 77.2 115.8
121 22.6 24.6 37.0#





#39
Methylcyclohexane
Concen: 0.719 ug/l
RT: 9.600 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

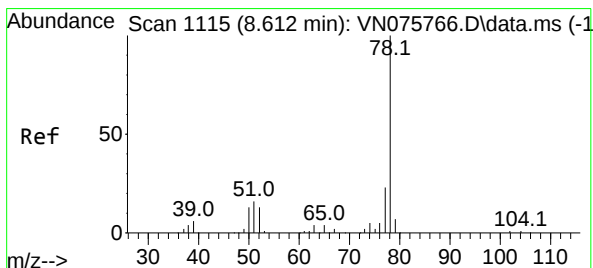
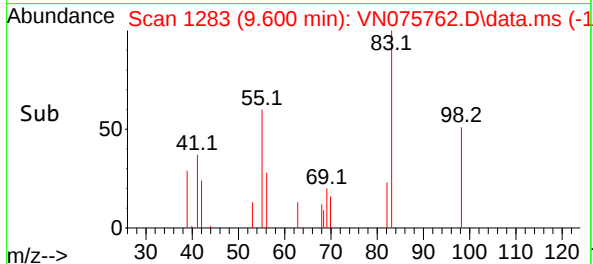
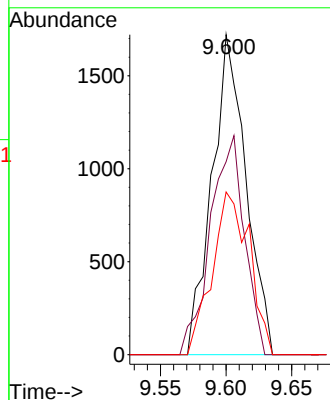
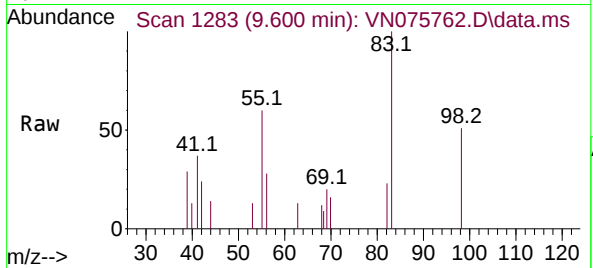
VSTDIC001

Tgt Ion: 83 Resp: 3100
Ion Ratio Lower Upper
83 100
55 60.3 51.6 77.4
98 50.8 39.8 59.8

Manual Integrations

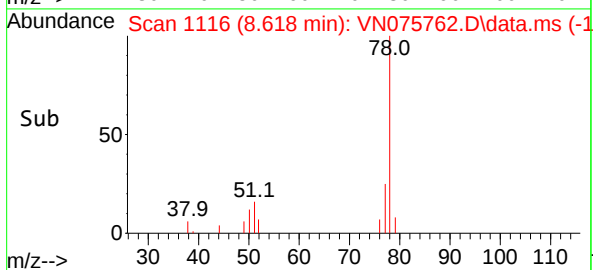
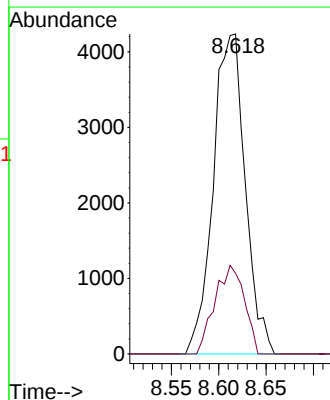
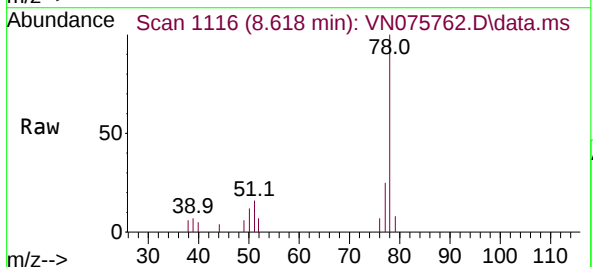
APPROVED

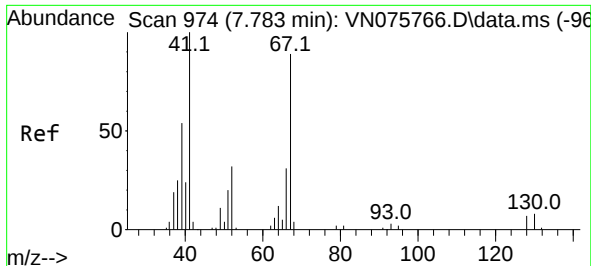
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#40
Benzene
Concen: 0.953 ug/l
RT: 8.618 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

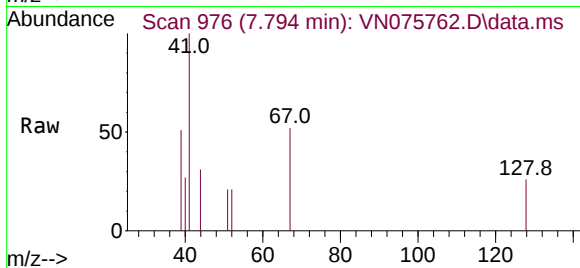
Tgt Ion: 78 Resp: 9961
Ion Ratio Lower Upper
78 100
77 25.2 19.1 28.7





#41
Methacrylonitrile
Concen: 0.948 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

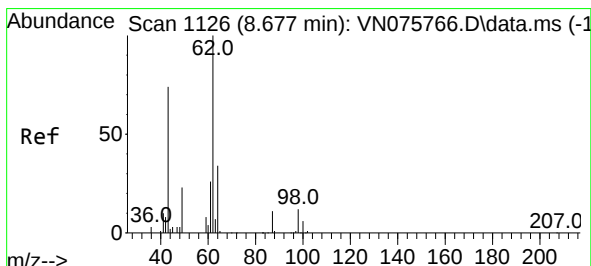
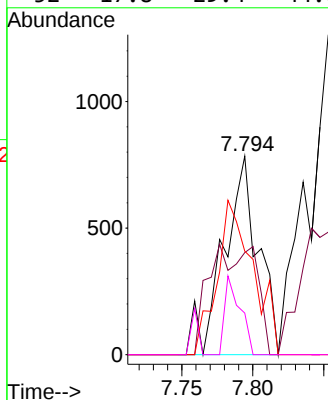
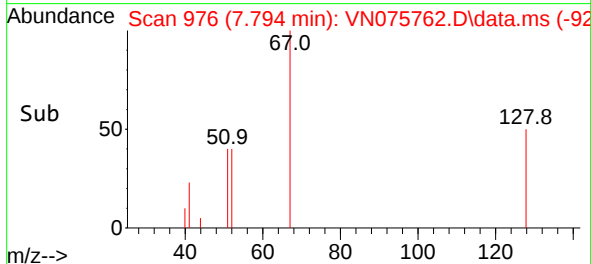
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



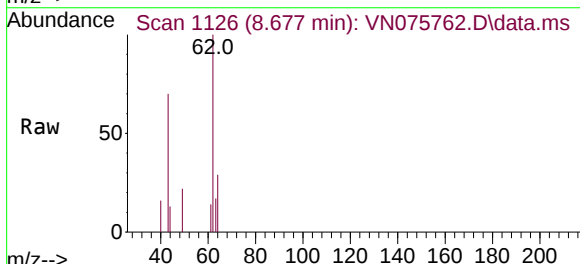
Tgt Ion: 41 Resp: 1329
Ion Ratio Lower Upper
41 100
39 36.3 46.3 69.5
67 80.9 74.0 111.0
52 17.8 29.4 44.0#

Manual Integrations
APPROVED

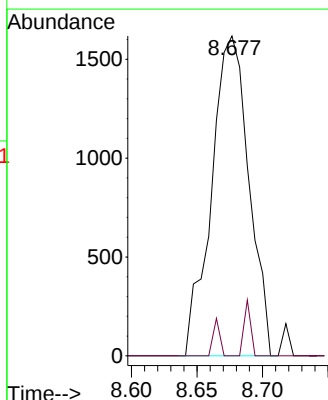
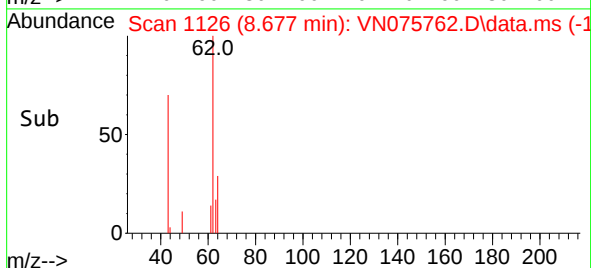
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

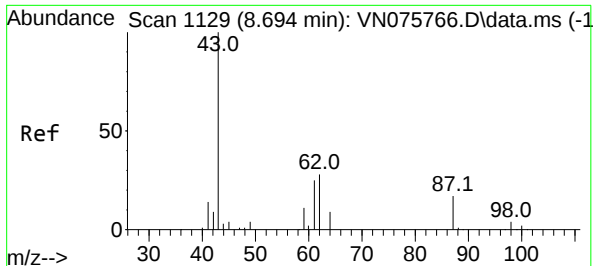


#42
1,2-Dichloroethane
Concen: 0.921 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



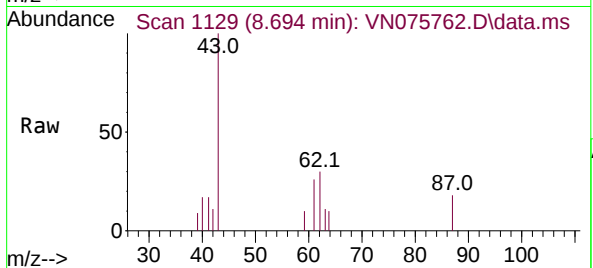
Tgt Ion: 62 Resp: 3221
Ion Ratio Lower Upper
62 100
98 3.1 0.0 21.8





#43
Isopropyl Acetate
Concen: 0.862 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

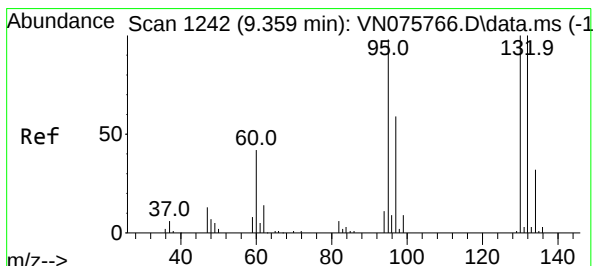
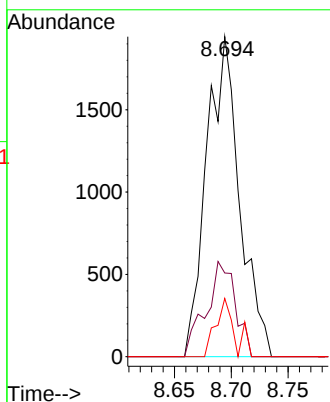
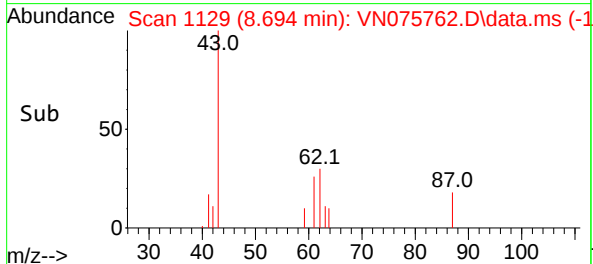
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



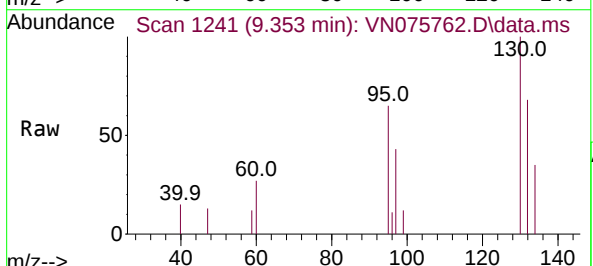
Tgt Ion: 43 Resp: 3930
Ion Ratio Lower Upper
43 100
61 26.3 23.8 35.8
87 10.3 13.7 20.5

Manual Integrations
APPROVED

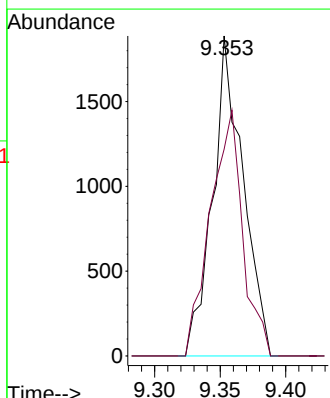
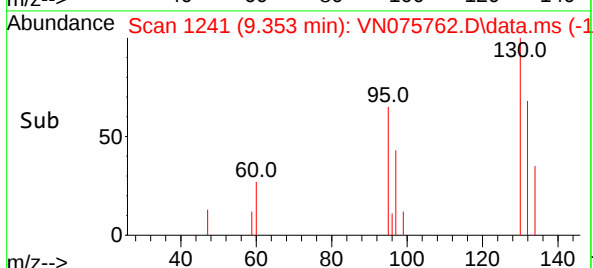
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

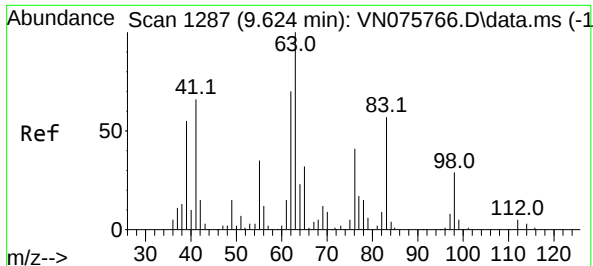


#44
Trichloroethene
Concen: 1.029 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



Tgt Ion:130 Resp: 3033
Ion Ratio Lower Upper
130 100
95 64.6 0.0 176.8





#45

1,2-Dichloropropane

Concen: 0.966 ug/l

RT: 9.618 min Scan# 1286

Delta R.T. -0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 63 Resp: 240

Ion Ratio Lower Upper

63 100

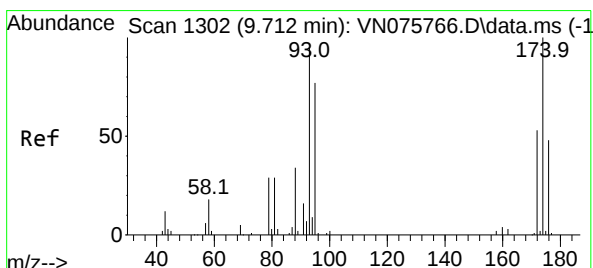
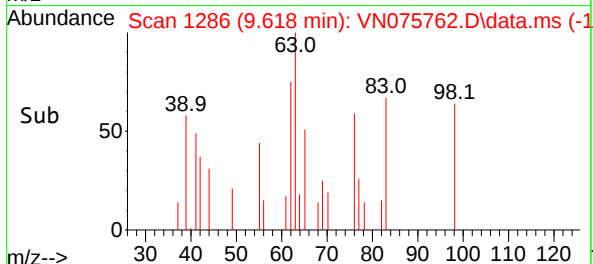
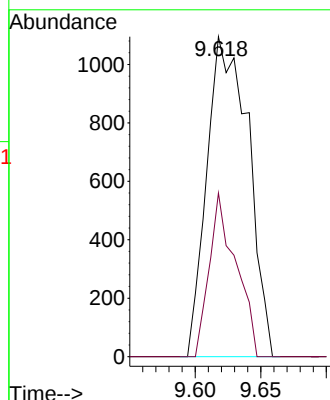
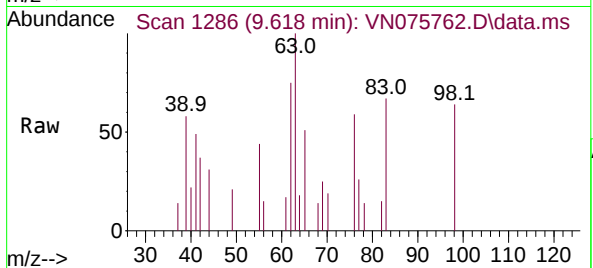
65 51.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 1.014 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

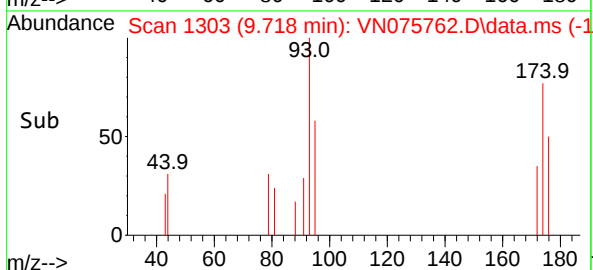
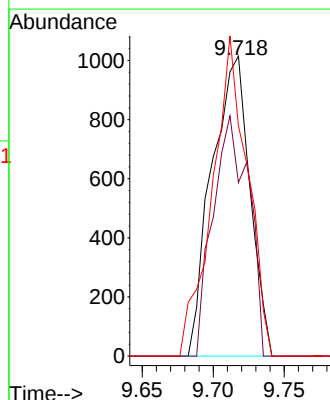
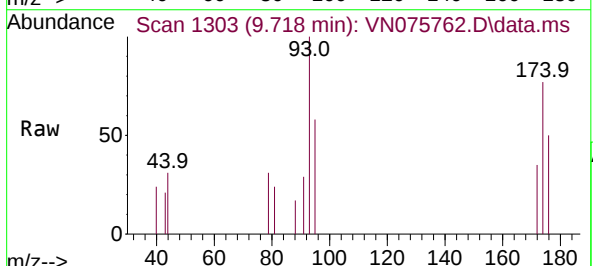
Tgt Ion: 93 Resp: 1893

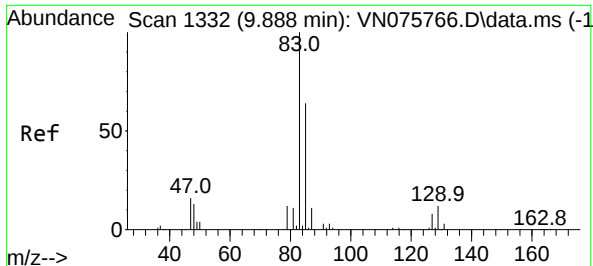
Ion Ratio Lower Upper

93 100

95 75.1 67.3 100.9

174 98.4 85.0 127.6





#47

Bromodichloromethane

Concen: 0.986 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

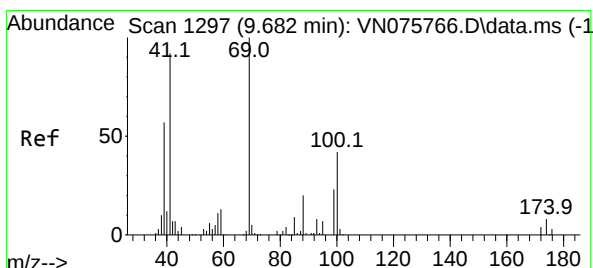
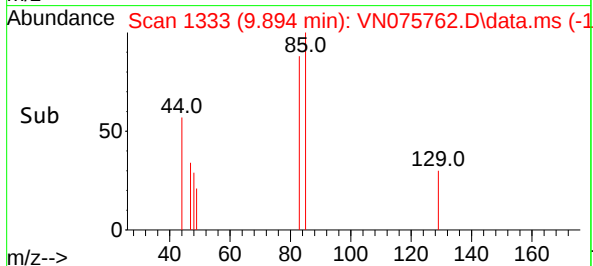
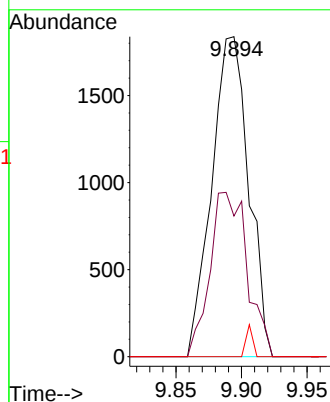
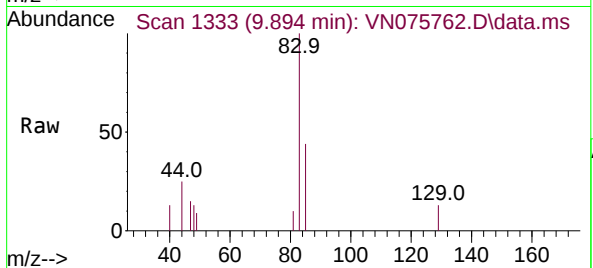
Tgt Ion:	83	Resp:	3609
Ion	Ratio	Lower	Upper
83	100		
85	44.0	48.0	72.0
127	0.0	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#48

Methyl methacrylate

Concen: 0.764 ug/l

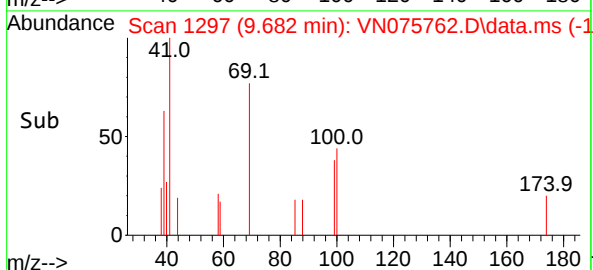
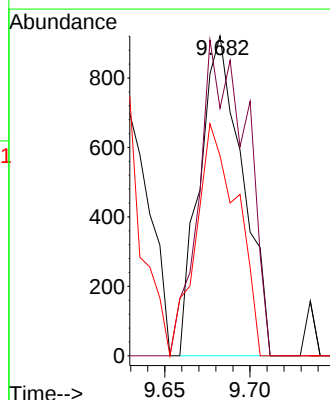
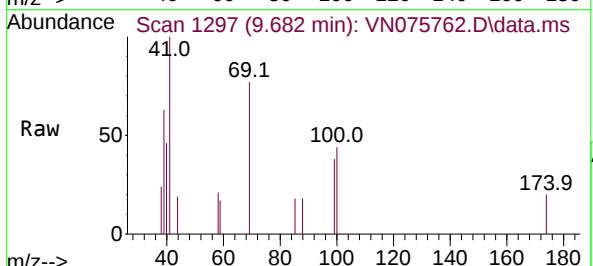
RT: 9.682 min Scan# 1297

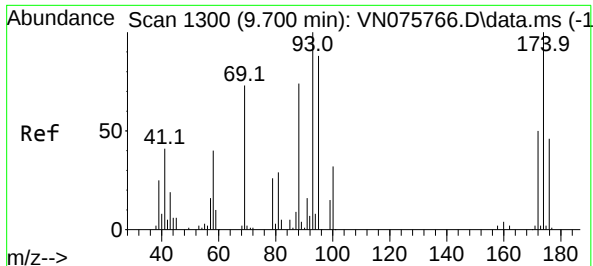
Delta R.T. 0.000 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Tgt Ion:	41	Resp:	1607
Ion	Ratio	Lower	Upper
41	100		
69	109.3	82.5	123.7
39	70.3	53.2	79.8





#49

1,4-Dioxane

Concen: 15.397 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 88 Resp: 78

Ion Ratio Lower Upper

88 100

43 0.0 17.4 26.0

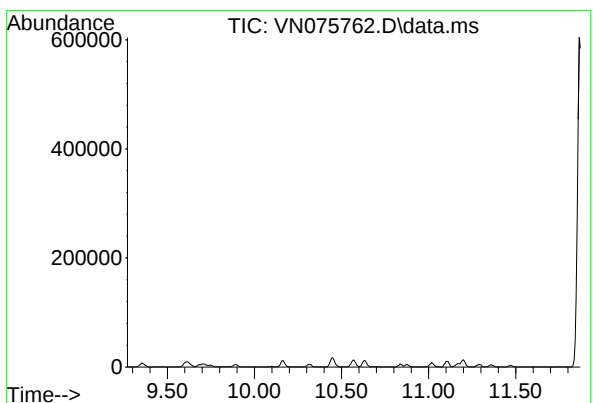
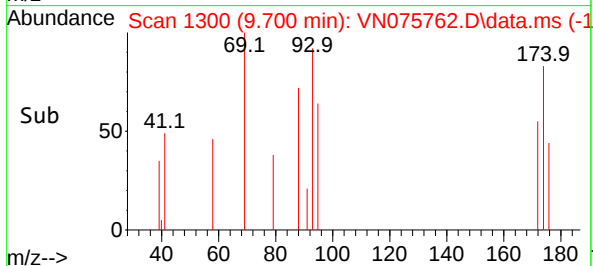
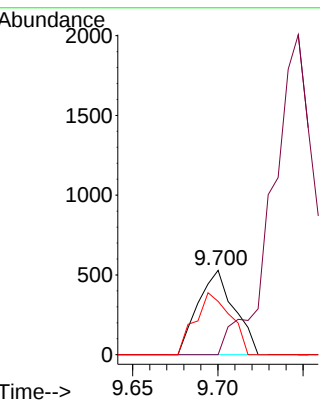
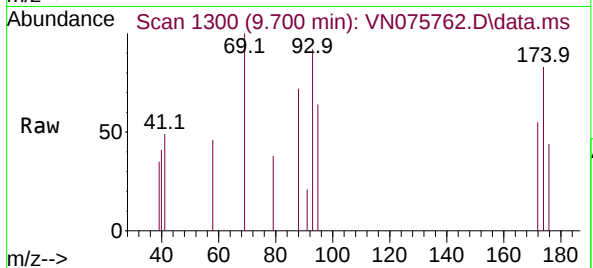
58 70.9 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 10.57 min

Lab File: VN075762.D

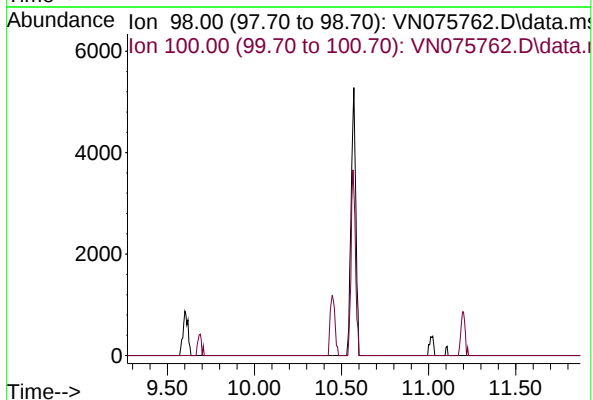
Acq: 14 Dec 2022 10:32

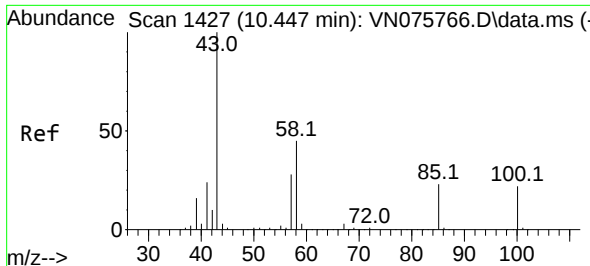
Tgt Ion: 98

Sig Exp Ratio

98 100

100 65.7





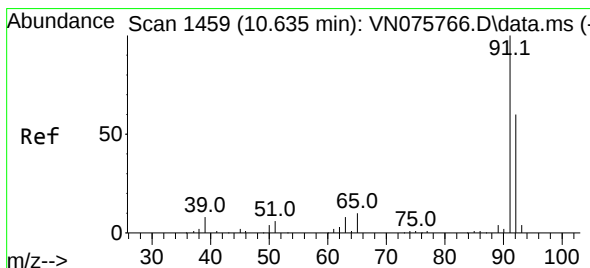
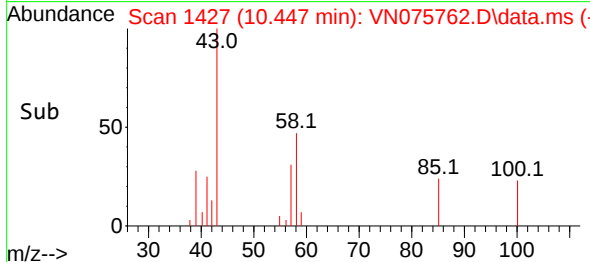
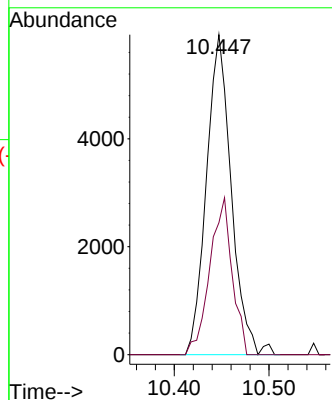
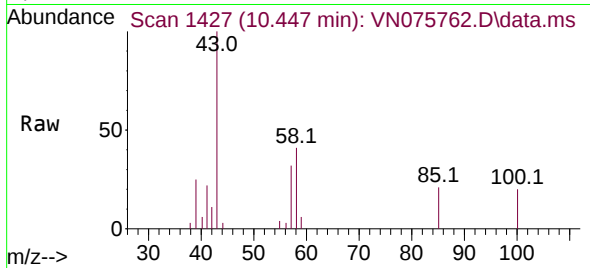
#51
4-Methyl-2-Pentanone
Concen: 3.832 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 44.1 35.0 52.6

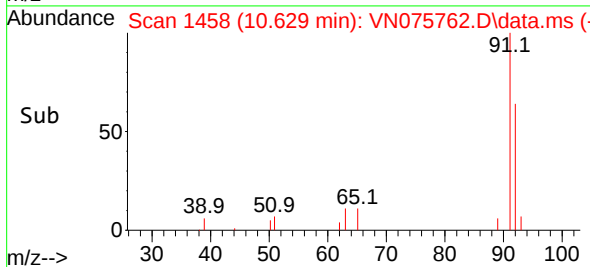
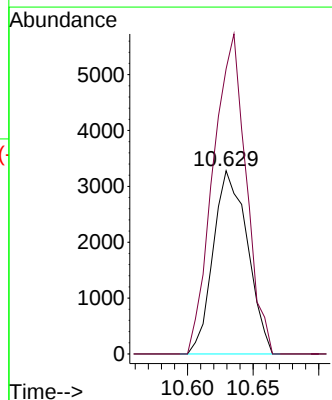
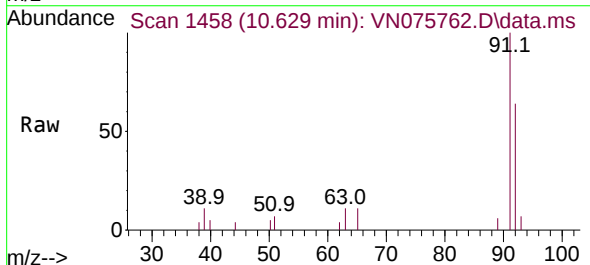
Manual Integrations
APPROVED

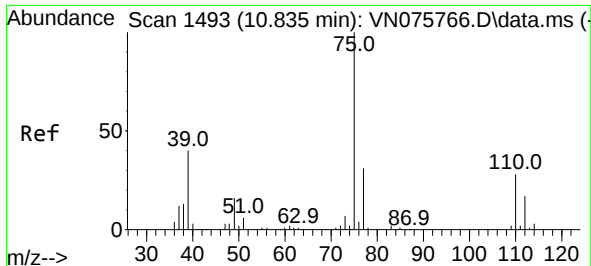
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 0.861 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

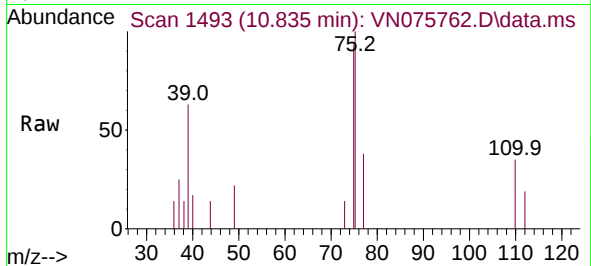
Tgt Ion: 92 Resp: 5947
Ion Ratio Lower Upper
92 100
91 168.5 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 0.901 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

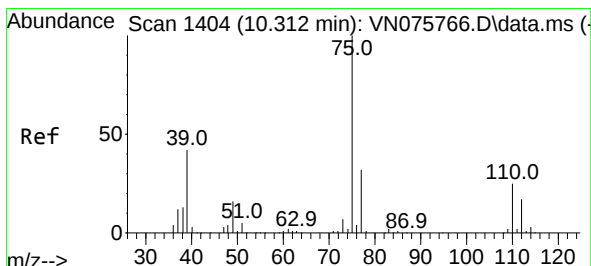
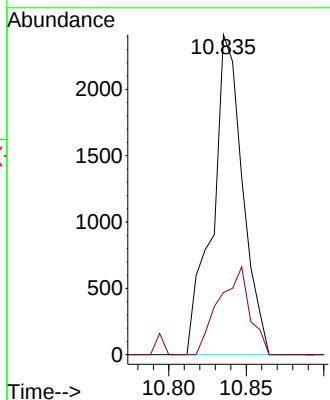
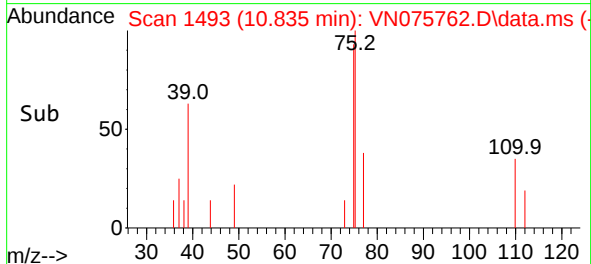
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



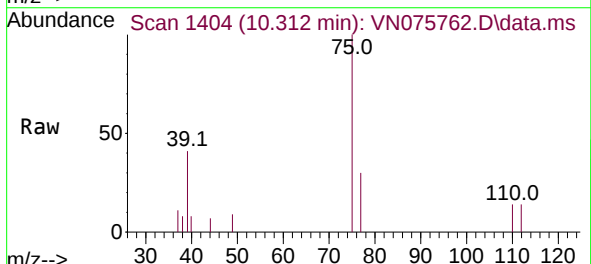
Tgt Ion: 75 Resp: 325
Ion Ratio Lower Upper
75 100
77 19.4 24.3 36.5

Manual Integrations
APPROVED

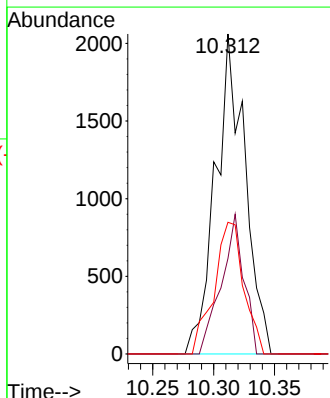
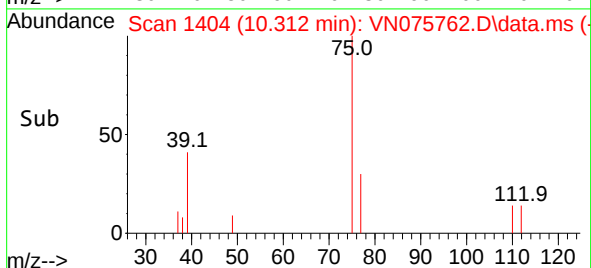
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

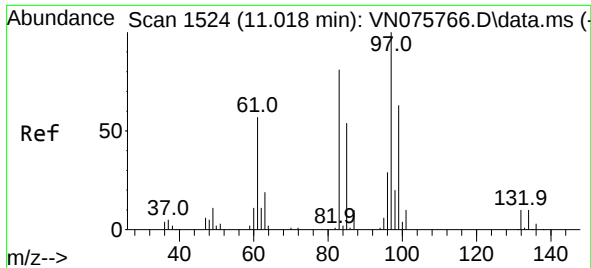


#54
cis-1,3-Dichloropropene
Concen: 0.863 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



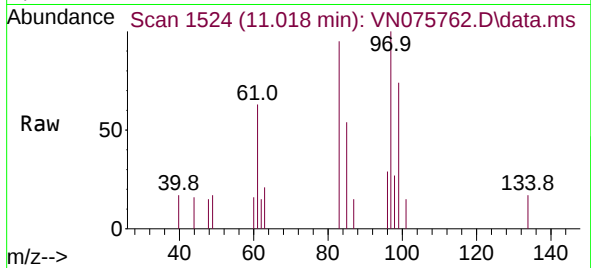
Tgt Ion: 75 Resp: 3472
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9
39 41.1 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 0.917 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

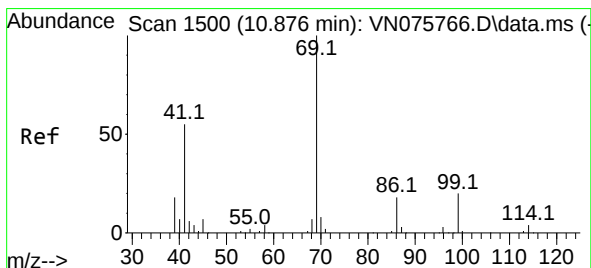
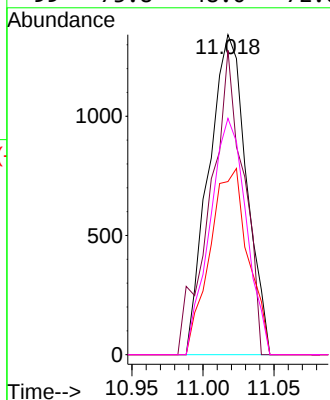
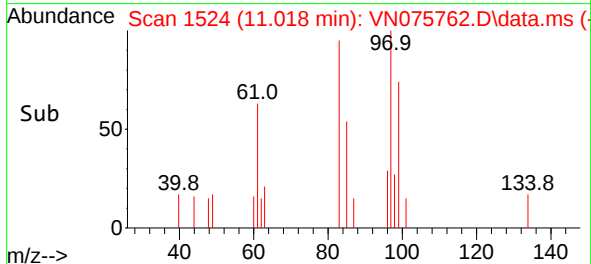
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.1	62.7	94.1
85	54.1	41.8	62.6
99	73.8	48.0	72.0

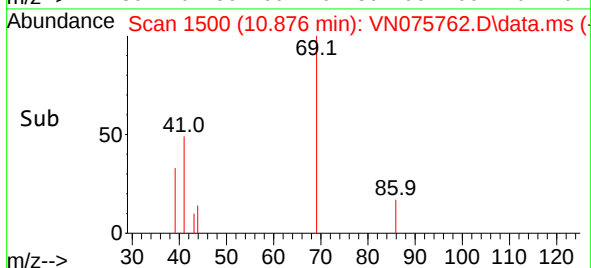
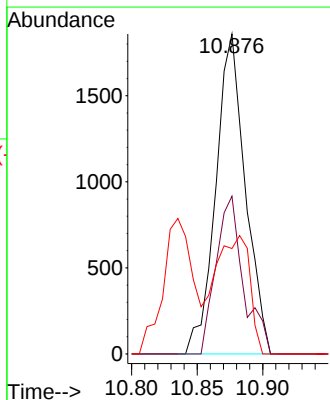
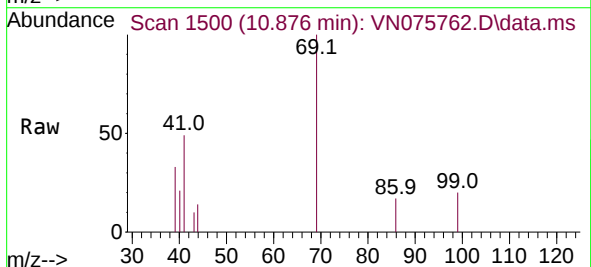
Manual Integrations
APPROVED

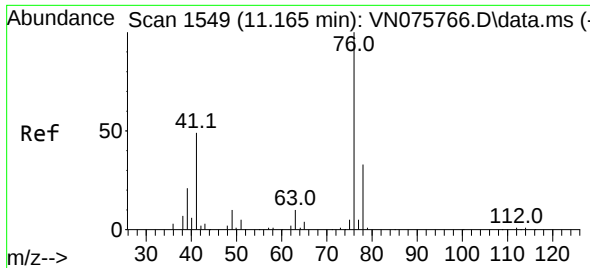
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#56
Ethyl methacrylate
Concen: 0.791 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	45.6	44.1	66.1
39	43.2	27.7	41.5





#57

1,3-Dichloropropane

Concen: 0.910 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 399

Ion Ratio Lower Upper

76 100

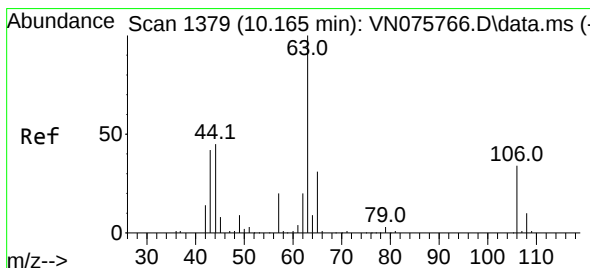
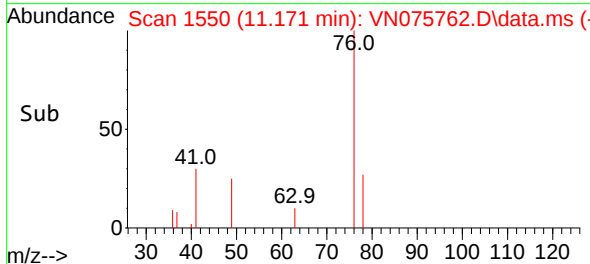
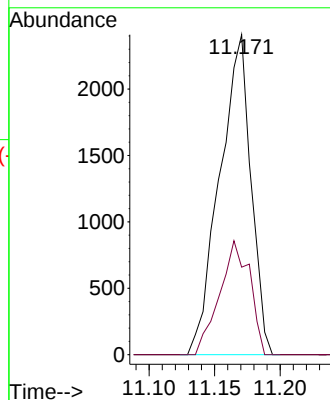
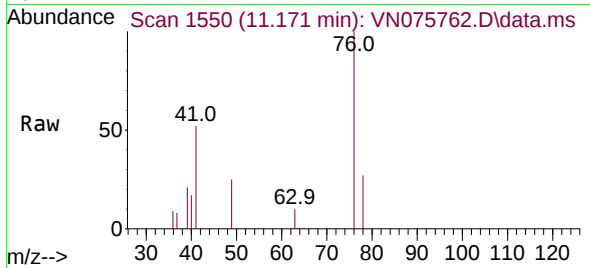
78 34.4 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 4.922 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075762.D

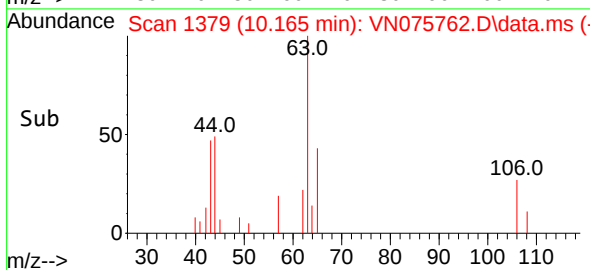
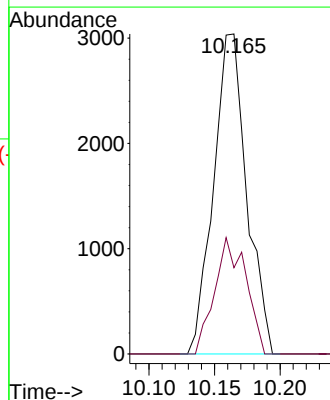
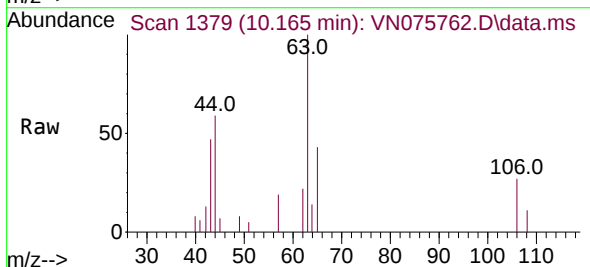
Acq: 14 Dec 2022 10:32

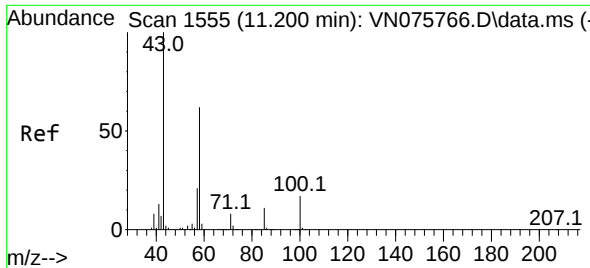
Tgt Ion: 63 Resp: 5349

Ion Ratio Lower Upper

63 100

106 34.5 26.6 40.0





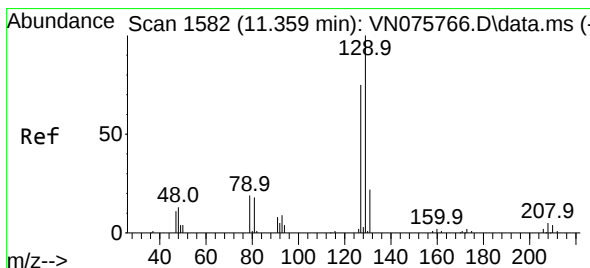
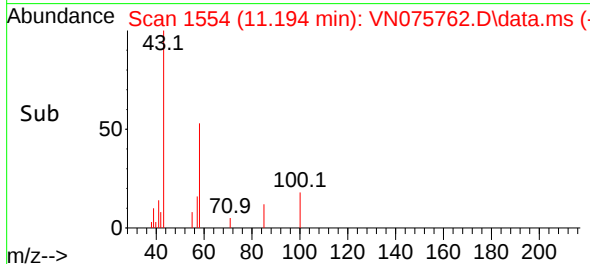
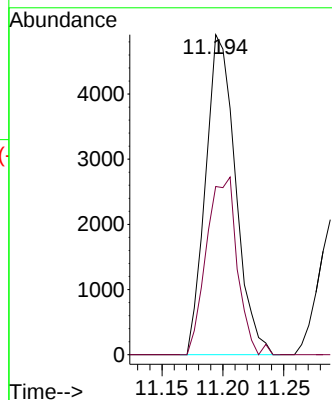
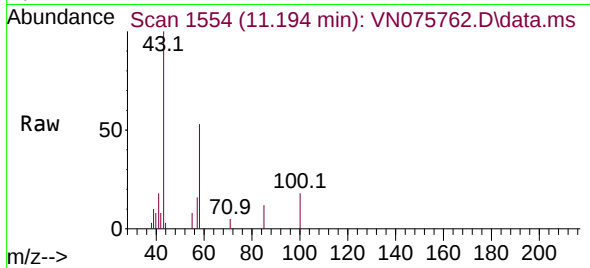
#59
2-Hexanone
Concen: 4.098 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 57.1 30.9 92.5

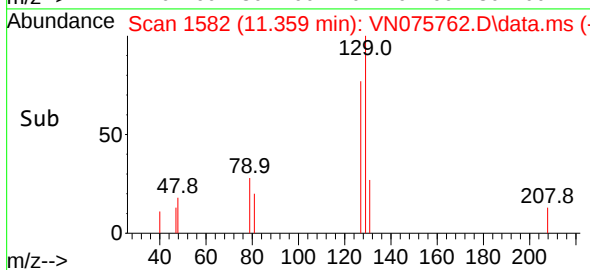
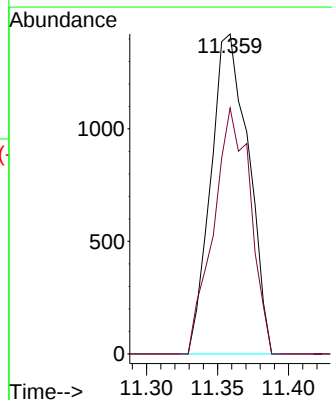
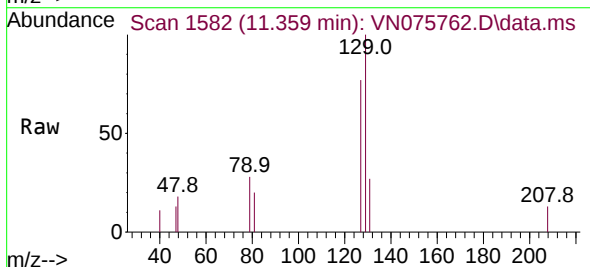
Manual Integrations
APPROVED

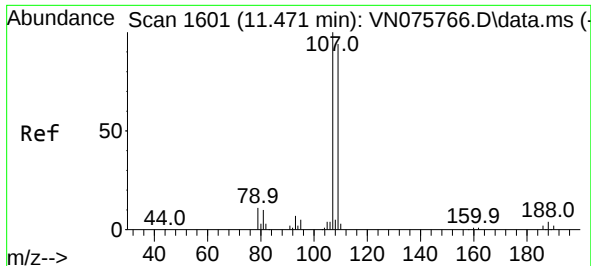
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 0.877 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

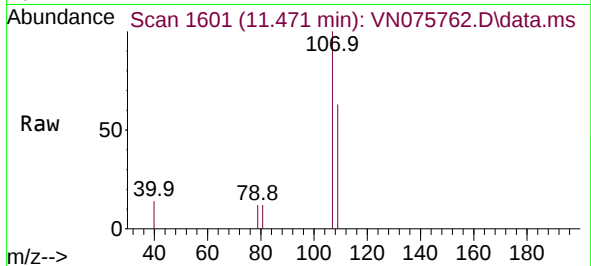
Tgt Ion:129 Resp: 2621
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 0.825 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

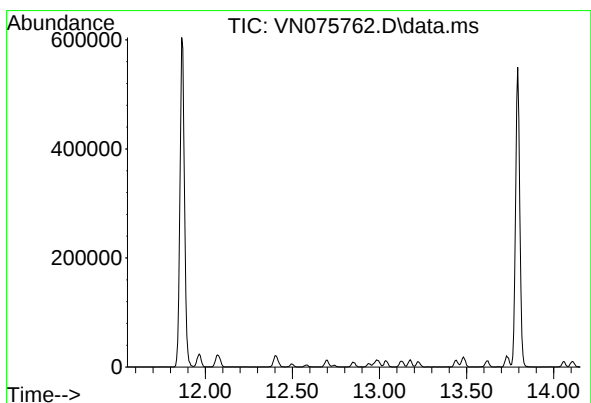
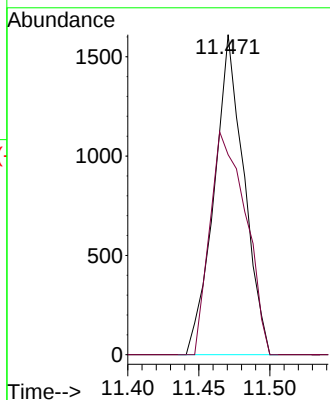
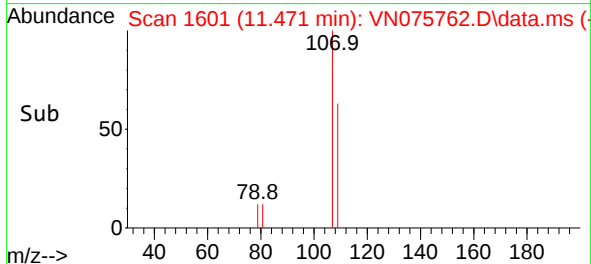
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion:107 Resp: 234
Ion Ratio Lower Upper
107 100
109 83.9 75.4 113.2

Manual Integrations
APPROVED

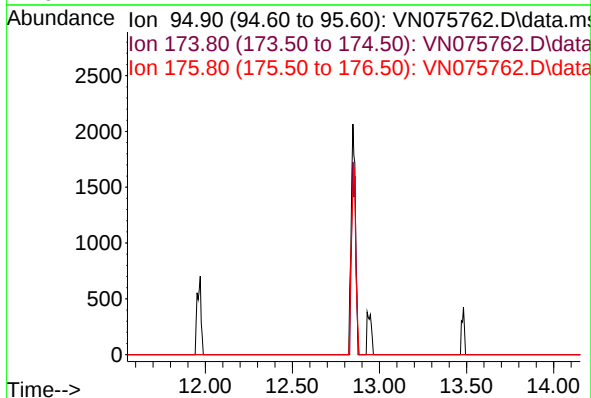
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

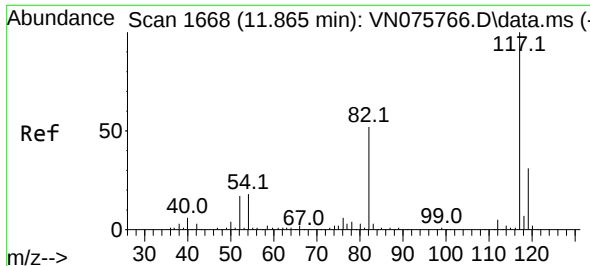


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

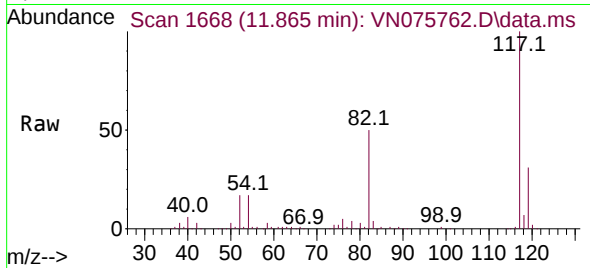
Tgt Ion: 95
Sig Exp Ratio
95 100
174 89.3
176 85.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

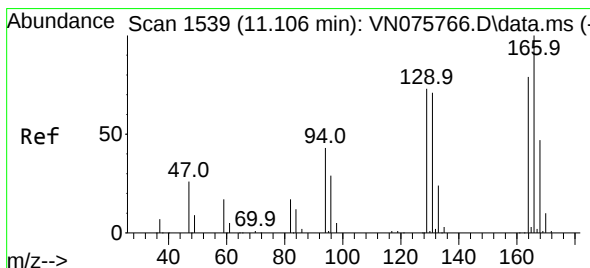
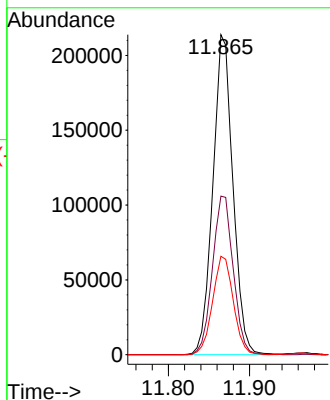
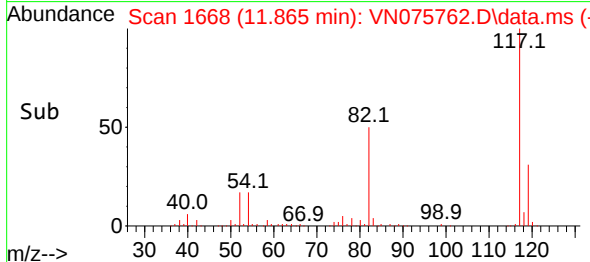
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



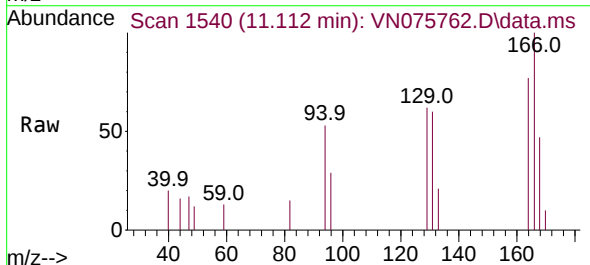
Tgt Ion:117 Resp: 36690
Ion Ratio Lower Upper
117 100
82 49.5 41.8 62.8
119 30.8 25.8 38.6

Manual Integrations
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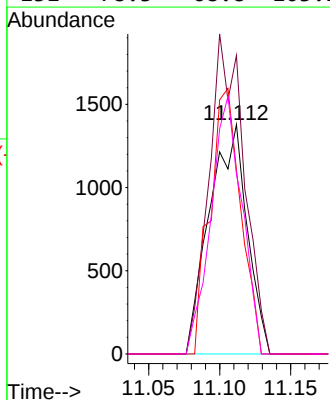
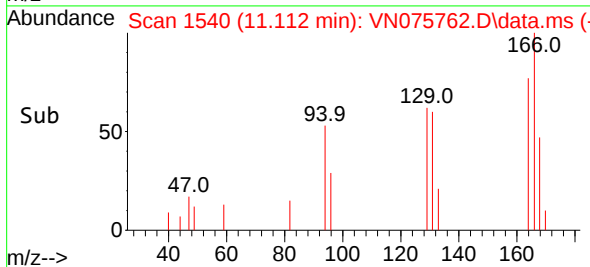
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

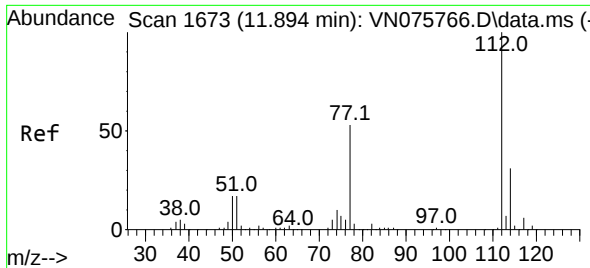


#64
Tetrachloroethene
Concen: 0.949 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



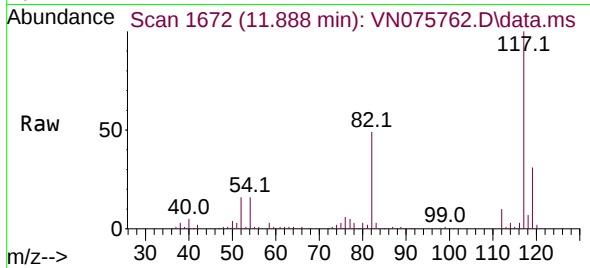
Tgt Ion:164 Resp: 2537
Ion Ratio Lower Upper
164 100
166 130.1 100.3 150.5
129 80.3 73.9 110.9
131 78.3 68.8 103.2





#65
Chlorobenzene
Concen: 0.987 ug/l
RT: 11.888 min Scan# 1672
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

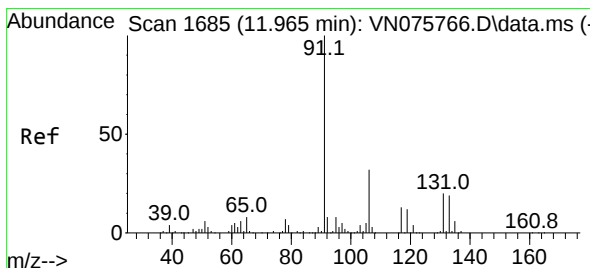
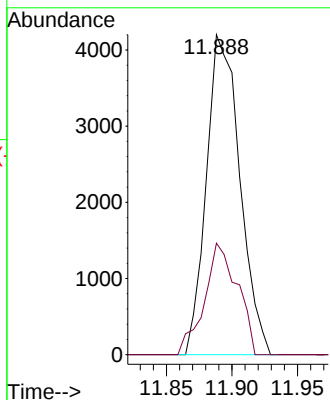
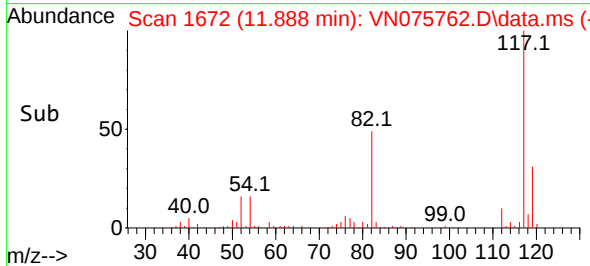
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



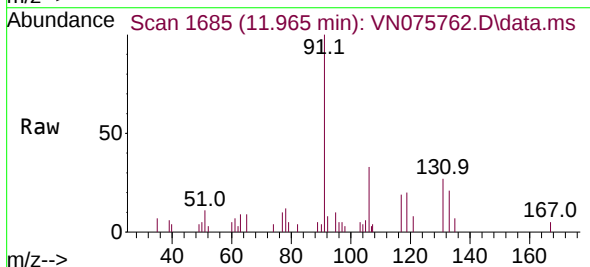
Tgt Ion:112 Resp: 745
Ion Ratio Lower Upper
112 100
114 34.8 25.5 38.3

Manual Integrations
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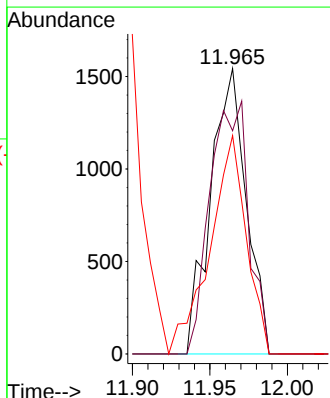
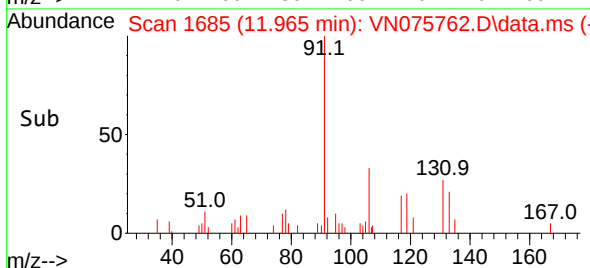
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

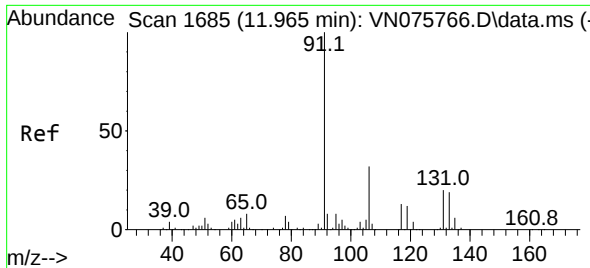


#66
1,1,1,2-Tetrachloroethane
Concen: 0.901 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



Tgt Ion:131 Resp: 2475
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 0.0 32.5 97.4#





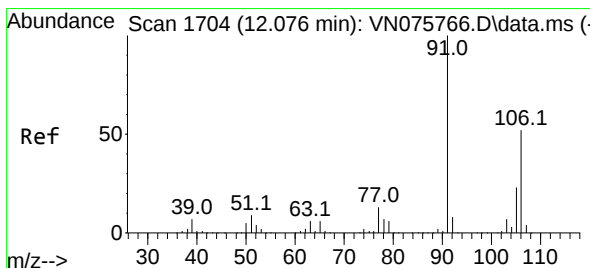
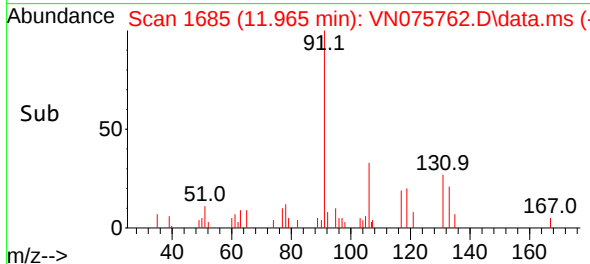
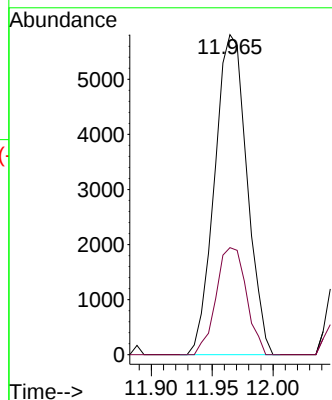
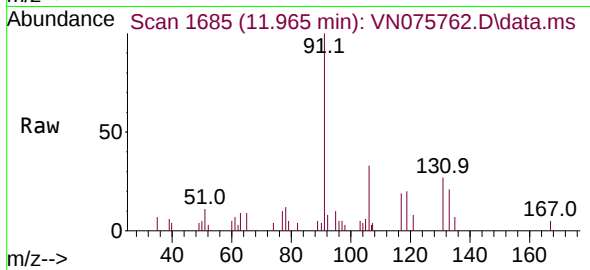
#67
Ethyl Benzene
Concen: 0.841 ug/l
RT: 11.965 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1074
Ion Ratio Lower Upper
91 100
106 33.5 26.9 40.3

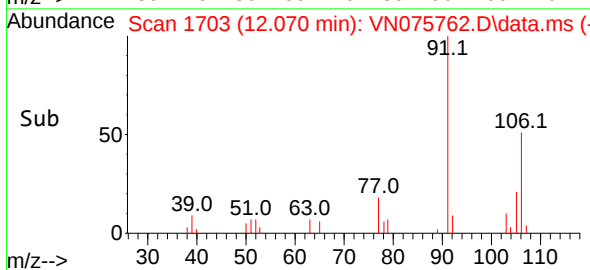
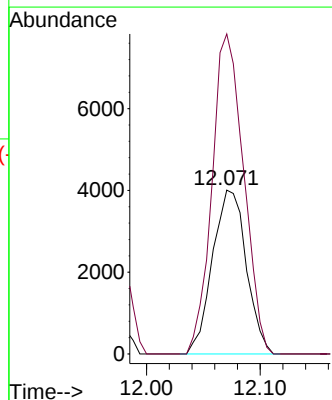
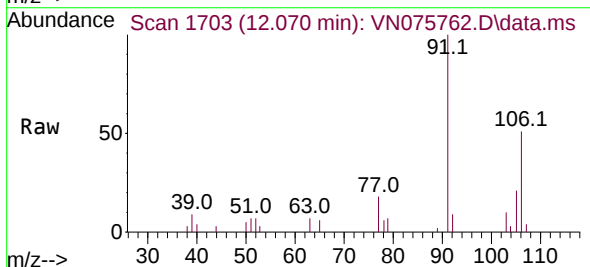
Manual Integrations
APPROVED

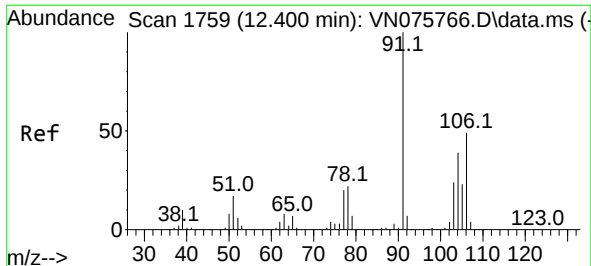
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 1.605 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion:106 Resp: 8283
Ion Ratio Lower Upper
106 100
91 182.9 156.2 234.4





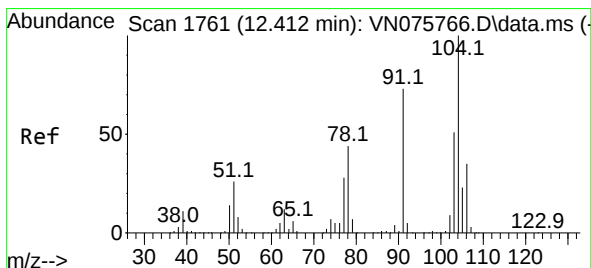
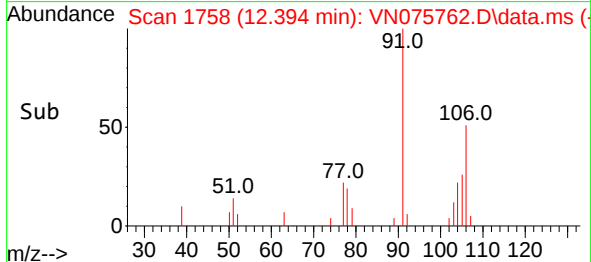
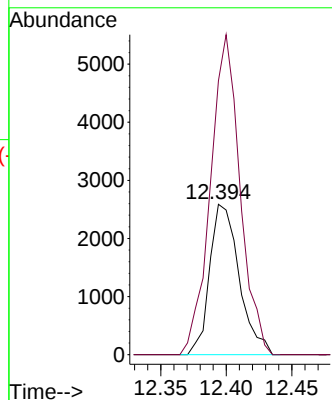
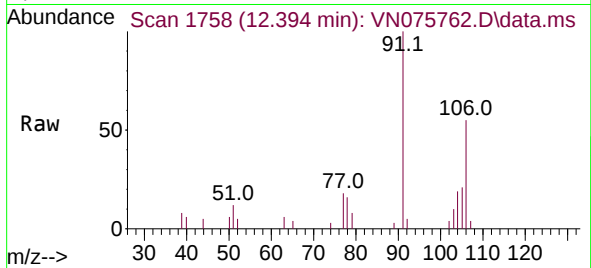
#69
o-Xylene
Concen: 0.809 ug/l
RT: 12.394 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 405
Ion Ratio Lower Upper
106 100
91 213.6 102.8 308.5

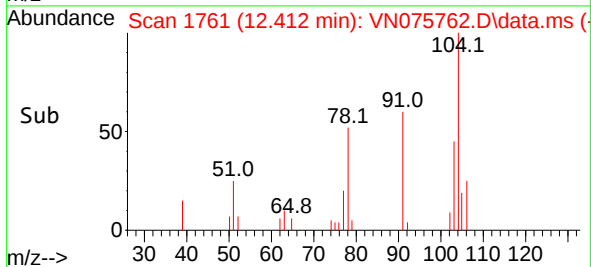
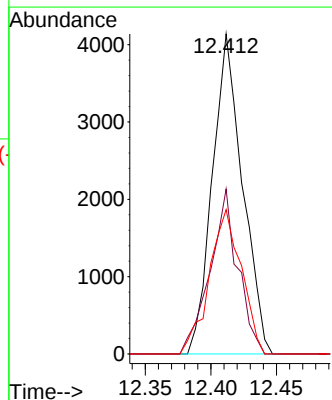
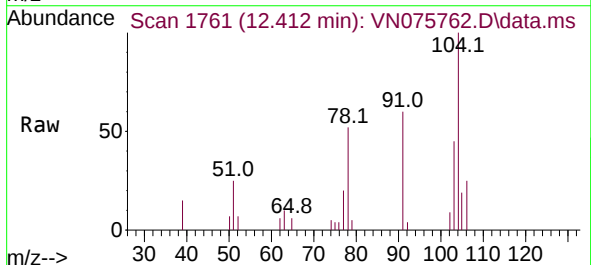
Manual Integrations
APPROVED

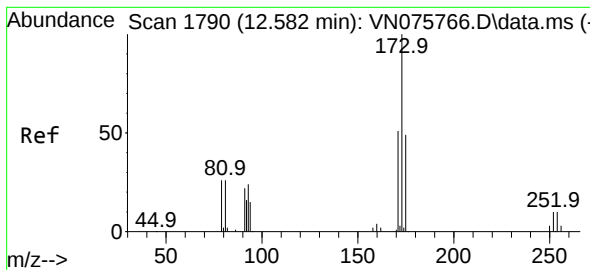
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 0.823 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion:104 Resp: 6610
Ion Ratio Lower Upper
104 100
78 47.6 36.7 55.1
103 48.2 44.0 66.0





#71

Bromoform

Concen: 0.785 ug/l

RT: 12.576 min Scan# 1789

Delta R.T. -0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

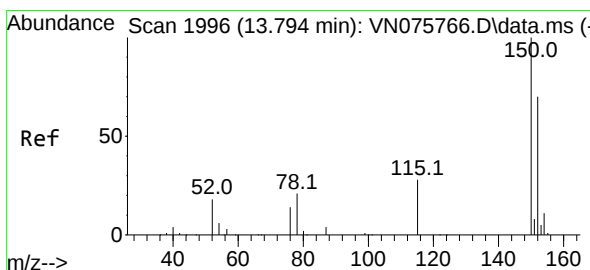
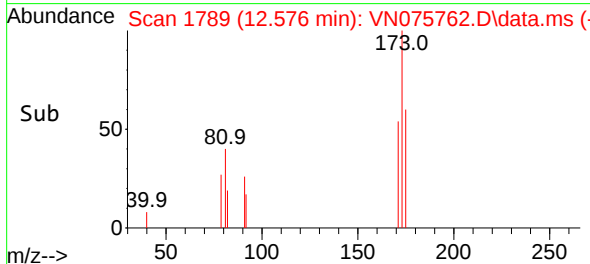
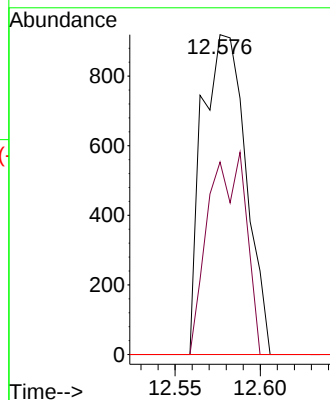
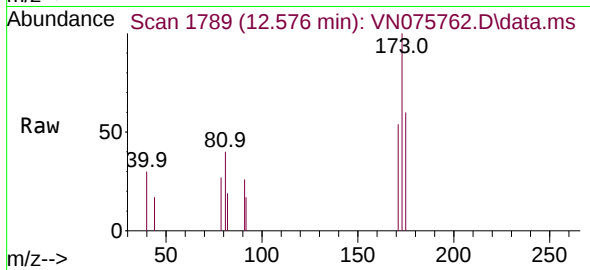
Tgt Ion:	173	Resp:	163
Ion Ratio	Lower	Upper	
173	100		
175	54.6	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

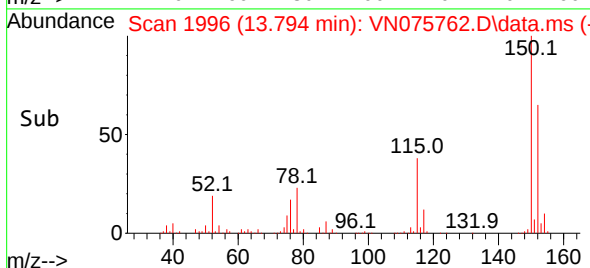
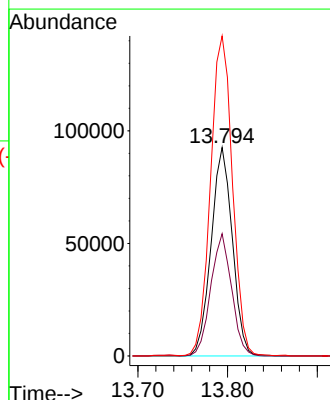
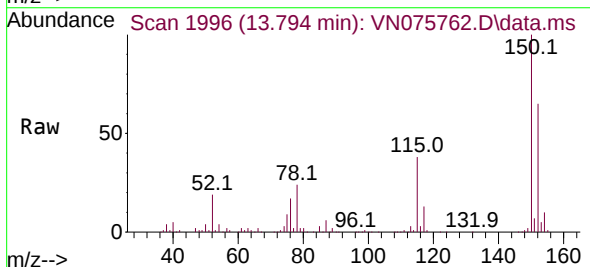
RT: 13.794 min Scan# 1996

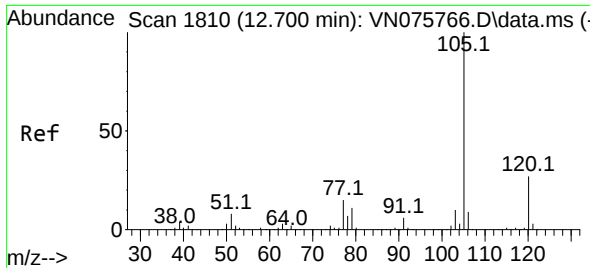
Delta R.T. 0.000 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Tgt Ion:	152	Resp:	152135
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.4	85.2
150	157.7	0.0	347.6





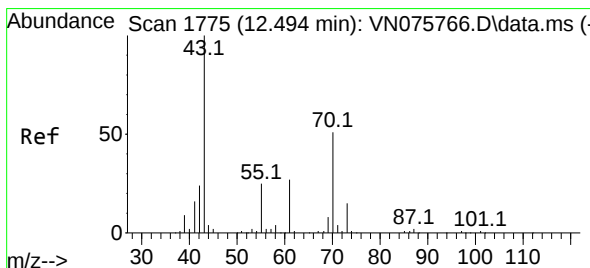
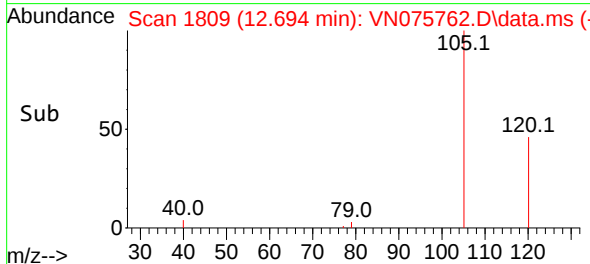
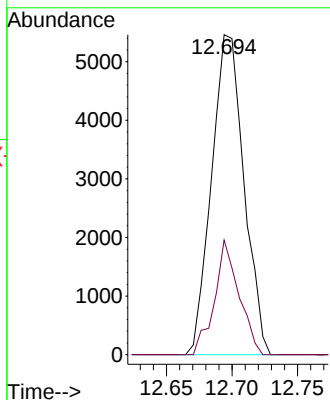
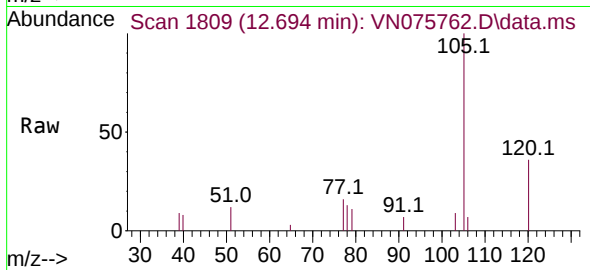
#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 12.694 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 9374
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

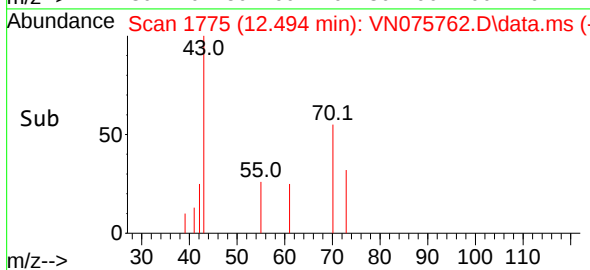
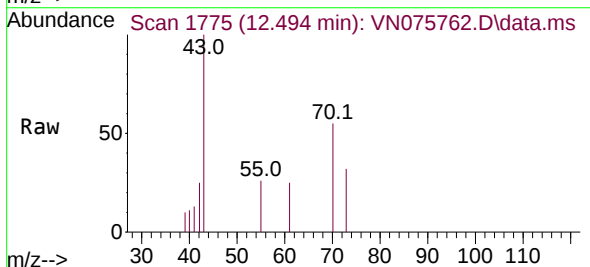
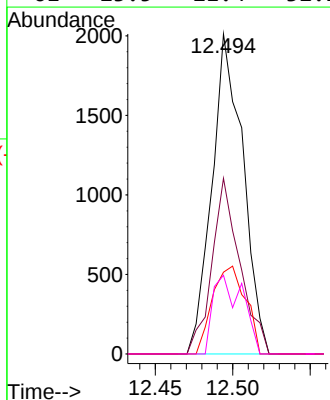
Manual Integrations
APPROVED

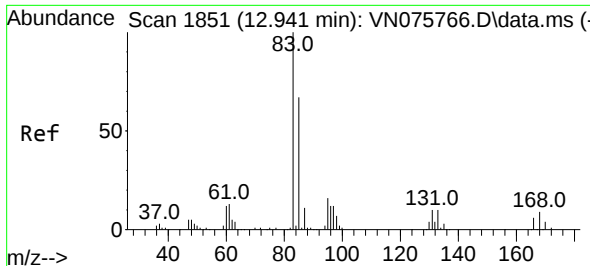
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 0.882 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

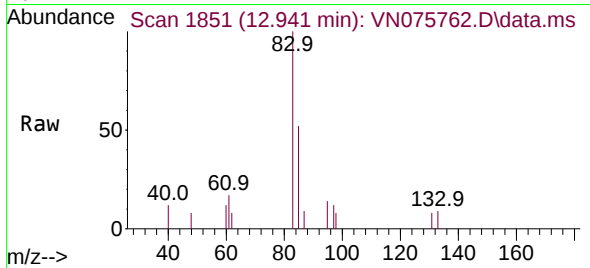
Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
70 49.6 41.0 61.6
55 29.3 20.7 31.1
61 23.5 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 1.128 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

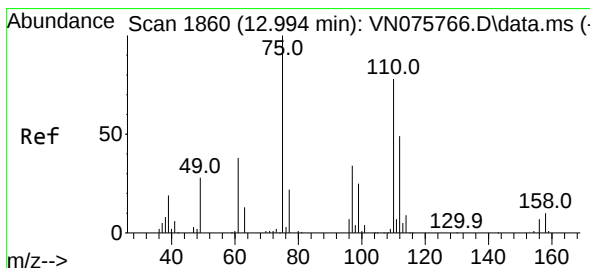
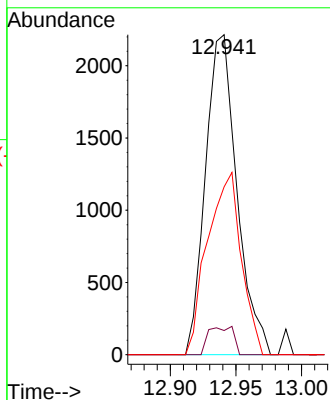
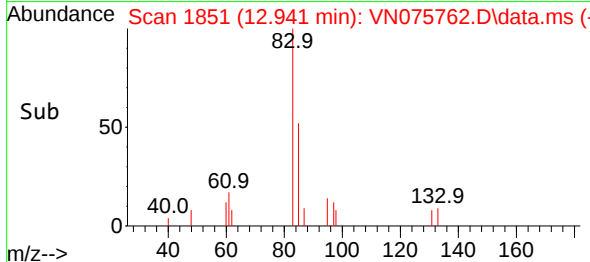
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



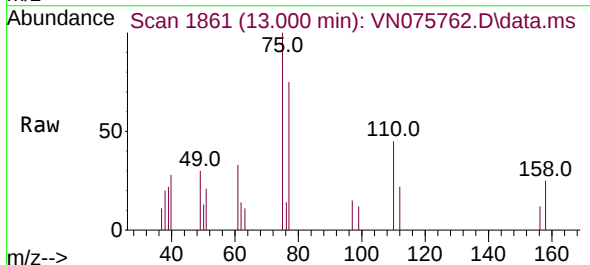
Tgt Ion: 83 Resp: 370
Ion Ratio Lower Upper
83 100
131 6.9 5.6 16.8
85 61.0 32.6 97.7

Manual Integrations
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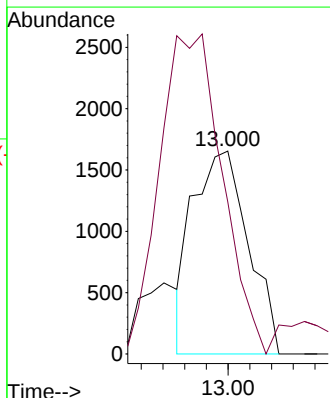
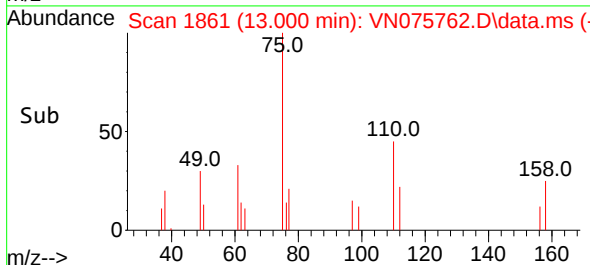
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

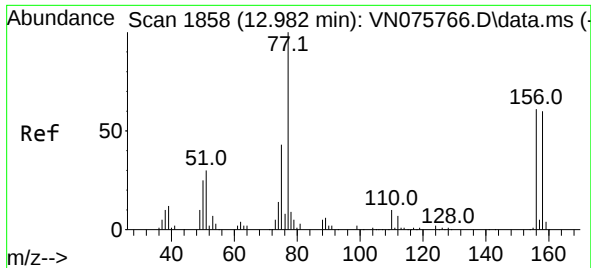


#76
1,2,3-Trichloropropane
Concen: 0.961 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



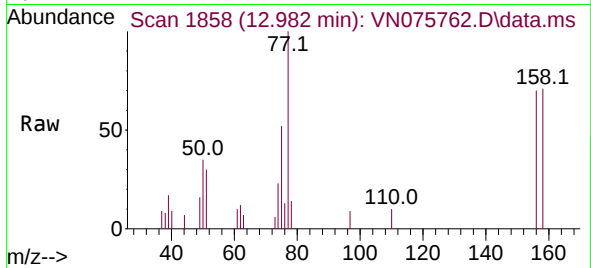
Tgt Ion: 75 Resp: 2937
Ion Ratio Lower Upper
75 100
77 177.9 81.8 245.4





#77
Bromobenzene
Concen: 1.070 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

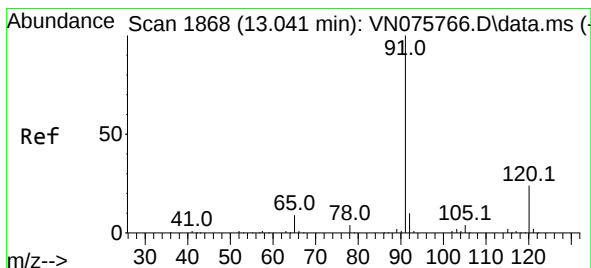
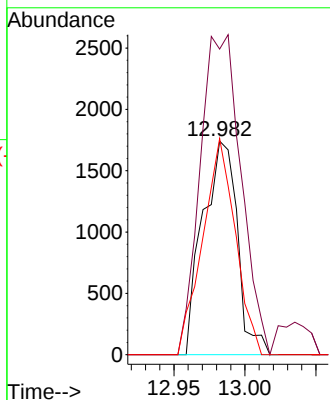
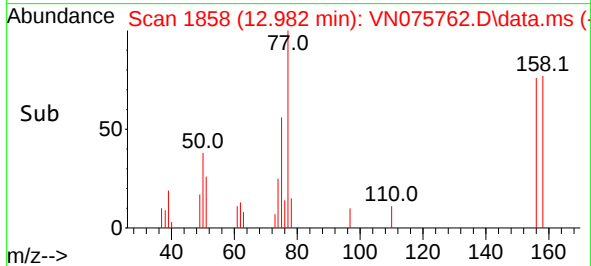
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



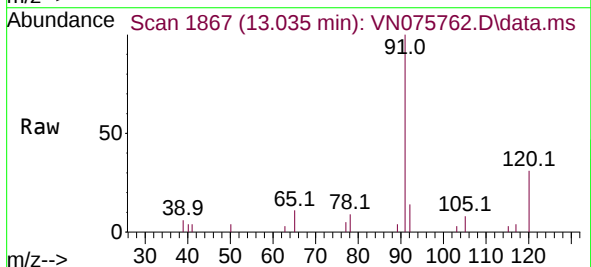
Tgt Ion:156 Resp: 2939
Ion Ratio Lower Upper
156 100
77 177.8 90.8 272.5
158 95.6 49.3 147.8

Manual Integrations
APPROVED

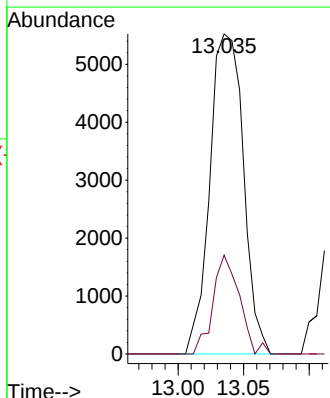
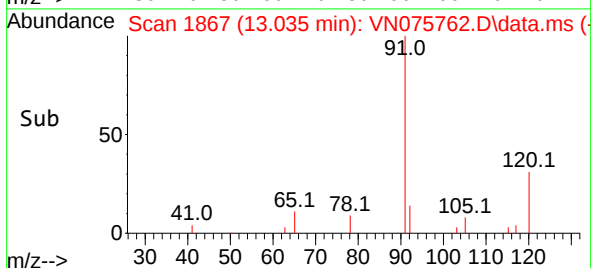
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

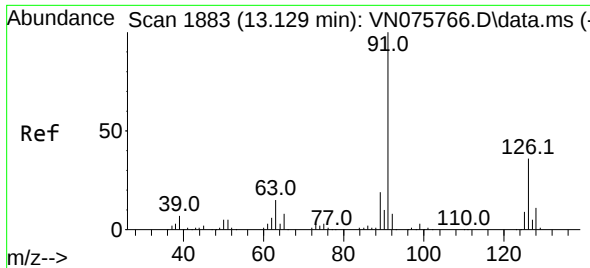


#78
n-propylbenzene
Concen: 0.812 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



Tgt Ion: 91 Resp: 9839
Ion Ratio Lower Upper
91 100
120 24.3 12.1 36.3





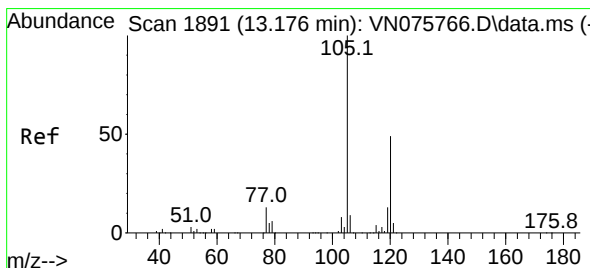
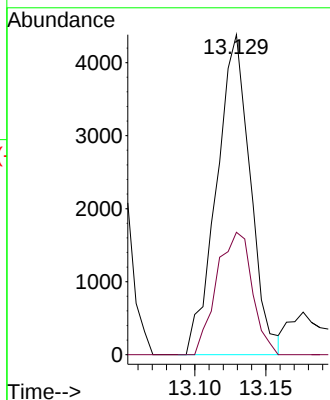
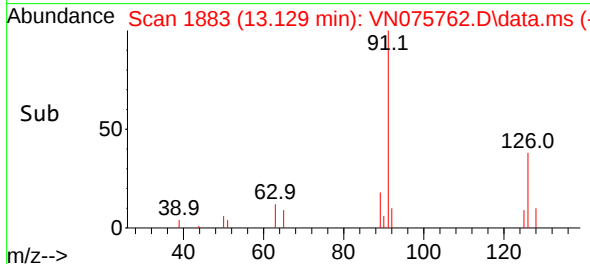
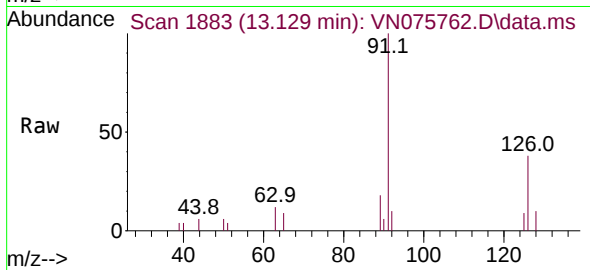
#79
2-Chlorotoluene
Concen: 0.967 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 7239
Ion Ratio Lower Upper
91 100
126 40.3 17.8 53.4

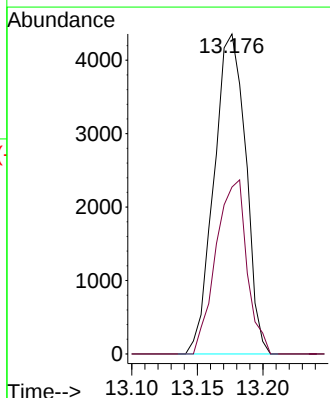
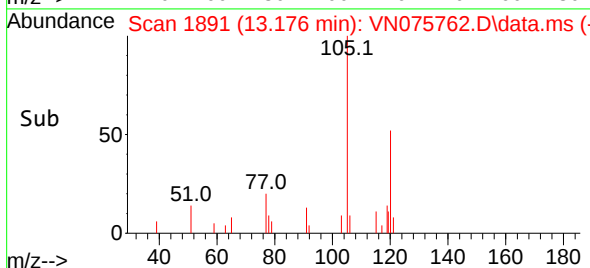
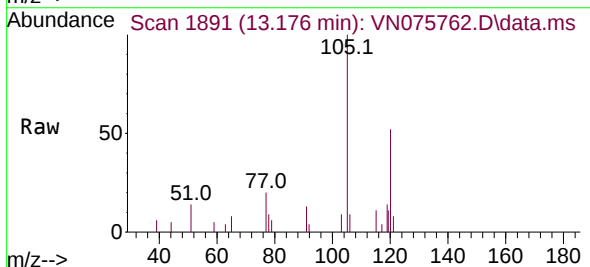
Manual Integrations
APPROVED

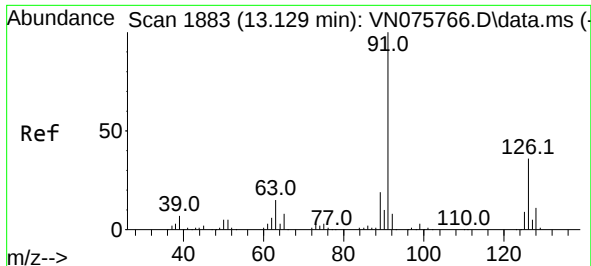
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 0.801 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion:105 Resp: 7318
Ion Ratio Lower Upper
105 100
120 53.3 24.9 74.6





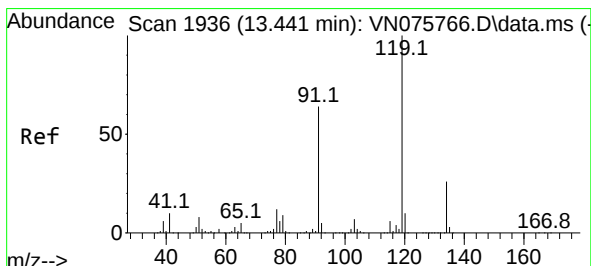
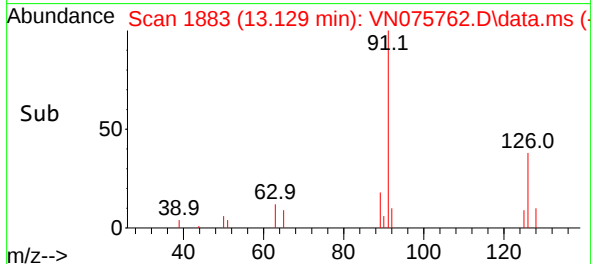
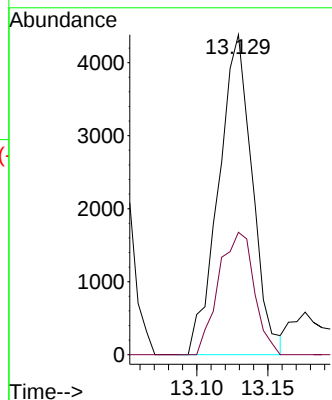
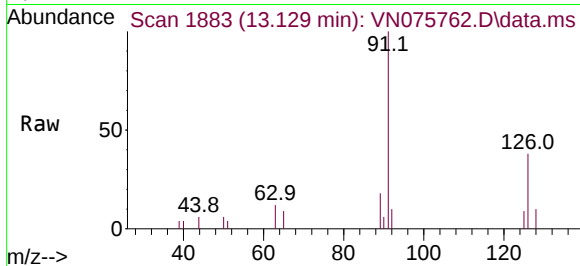
#82
4-Chlorotoluene
Concen: 0.967 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 7239
Ion Ratio Lower Upper
91 100
126 40.3 17.8 53.4

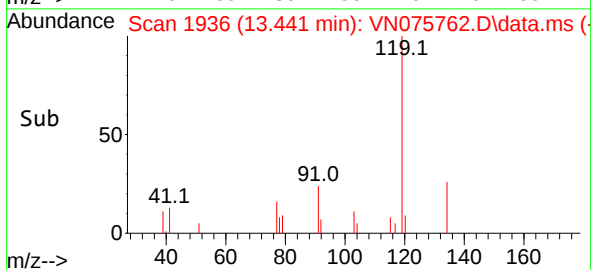
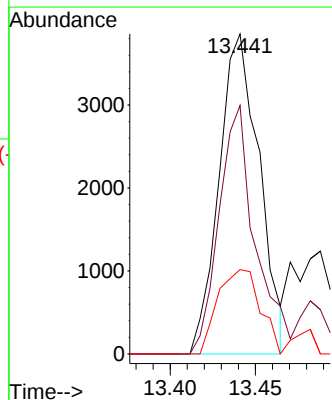
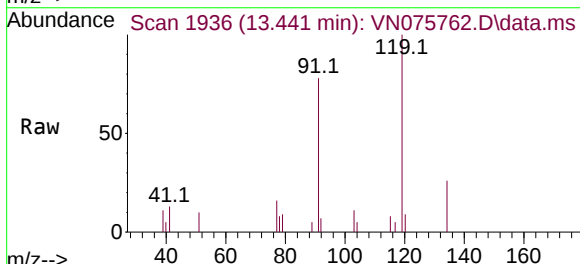
Manual Integrations
APPROVED

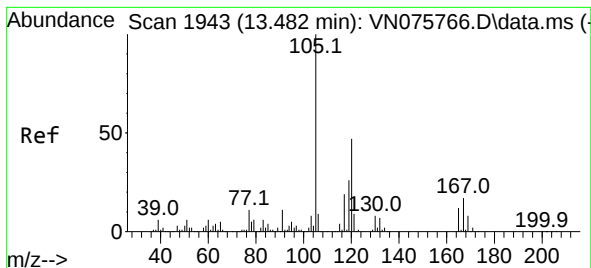
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#83
tert-Butylbenzene
Concen: 0.766 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion:119 Resp: 6345
Ion Ratio Lower Upper
119 100
91 69.7 31.9 95.9
134 27.8 13.9 41.7





#84

1,2,4-Trimethylbenzene

Concen: 0.779 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.006 min

Lab File: VN075762.D

Acq: 14 Dec 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 7154

Ion Ratio Lower Upper

105 100

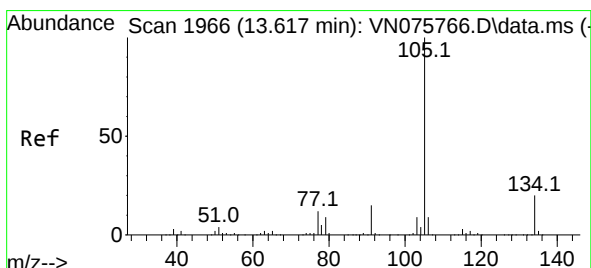
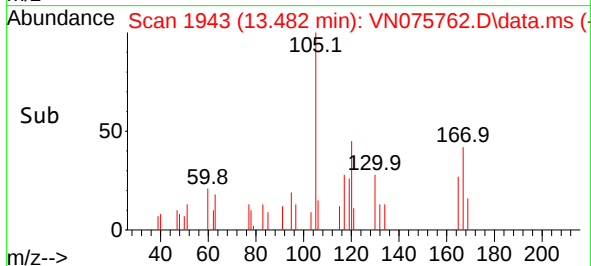
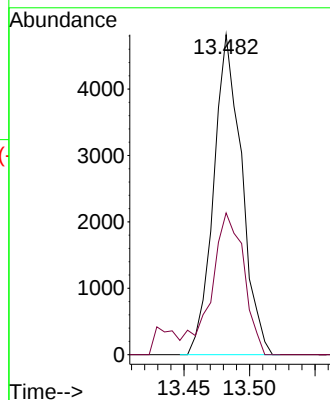
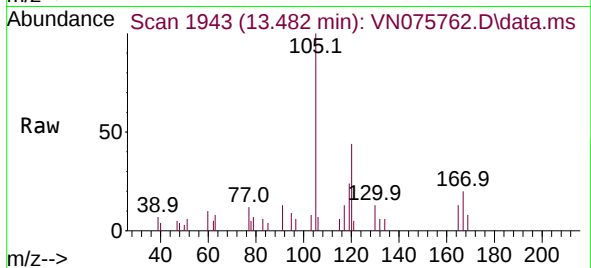
120 51.1 23.1 69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#85

sec-Butylbenzene

Concen: 0.762 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075762.D

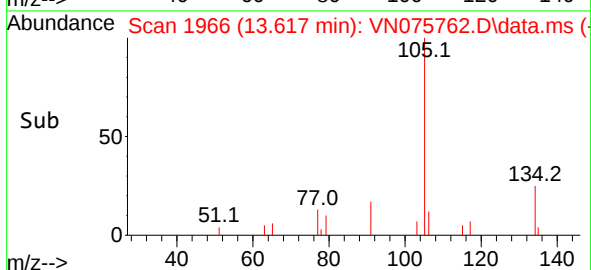
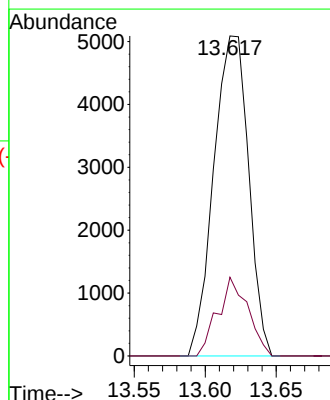
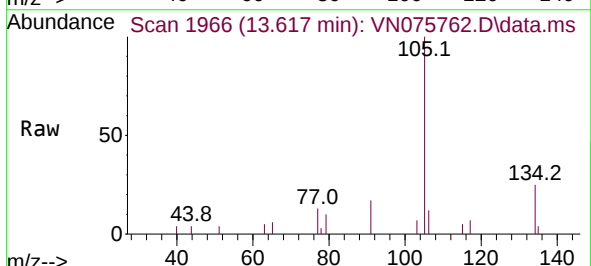
Acq: 14 Dec 2022 10:32

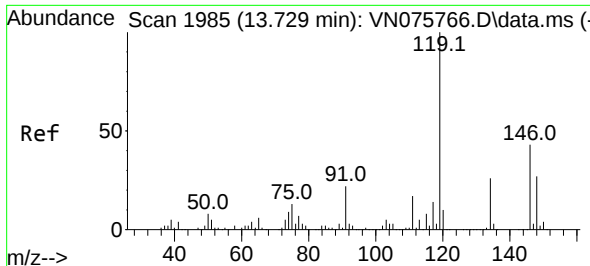
Tgt Ion:105 Resp: 8675

Ion Ratio Lower Upper

105 100

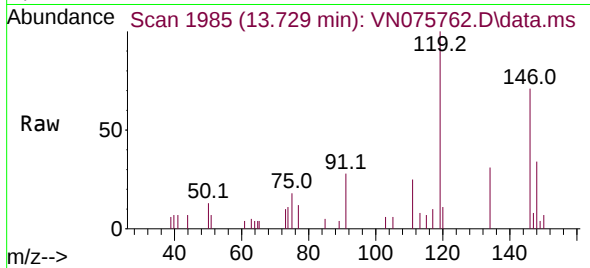
134 21.3 10.2 30.6





#86
p-Isopropyltoluene
Concen: 0.722 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

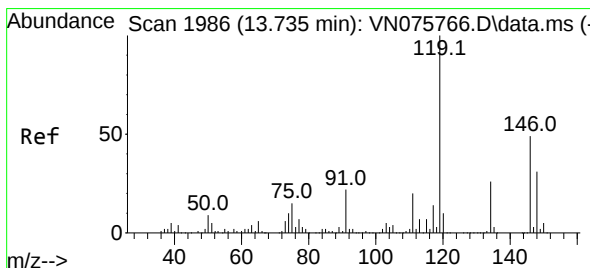
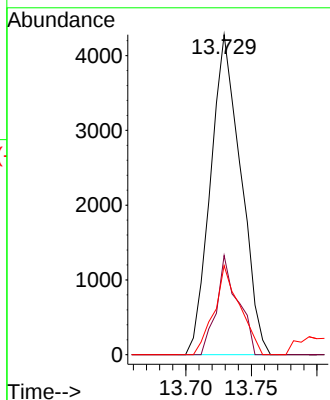
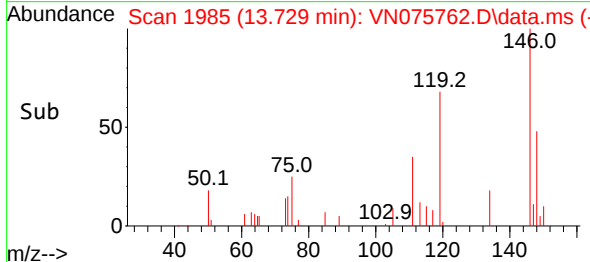
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



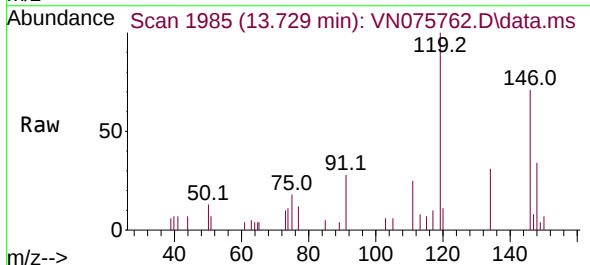
Tgt Ion:119 Resp: 688
Ion Ratio Lower Upper
119 100
134 21.8 13.3 39.9
91 23.5 11.4 34.1

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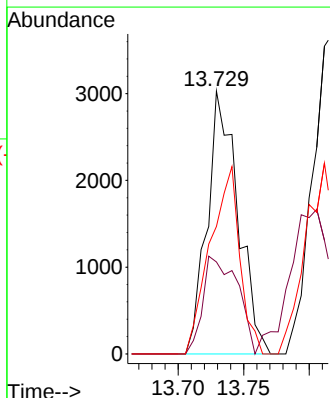
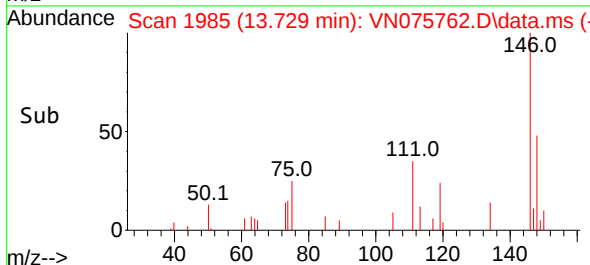
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

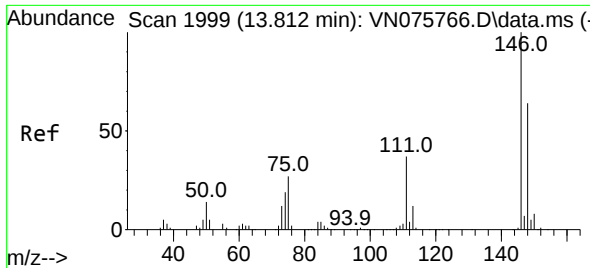


#87
1,3-Dichlorobenzene
Concen: 0.964 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



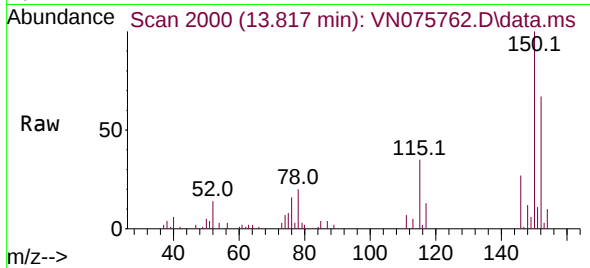
Tgt Ion:146 Resp: 4950
Ion Ratio Lower Upper
146 100
111 41.6 19.8 59.3
148 68.5 32.1 96.3





#88
1,4-Dichlorobenzene
Concen: 1.124 ug/l m
RT: 13.817 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

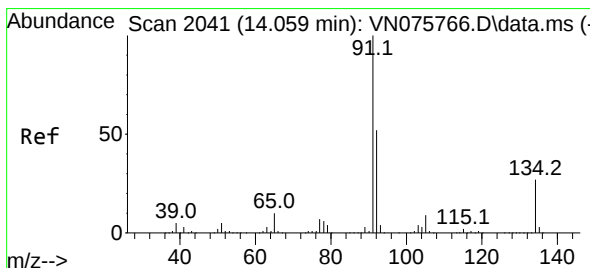
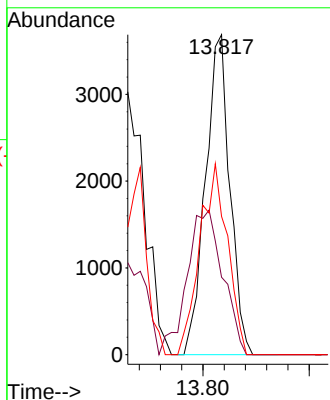
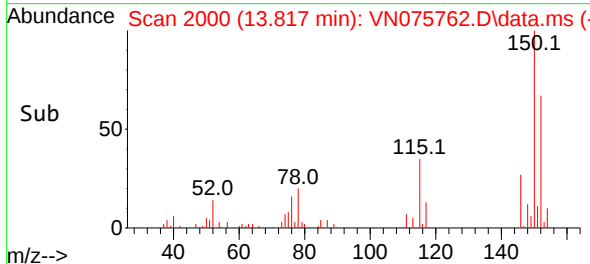
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:146 Resp: 587
Ion Ratio Lower Upper
146 100
111 35.1 19.1 57.1
148 57.8 32.1 96.3

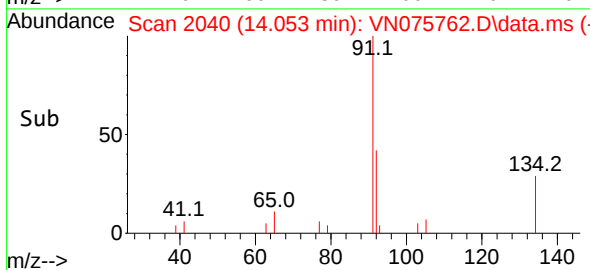
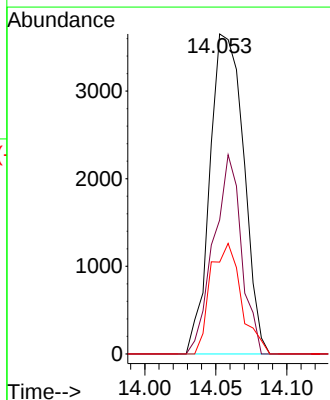
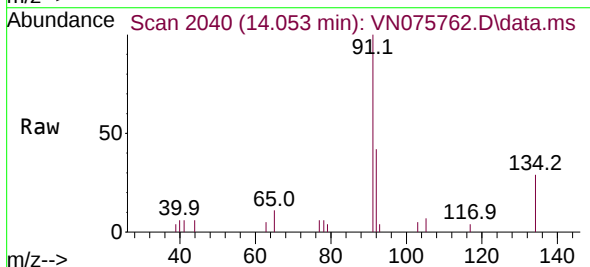
Manual Integrations
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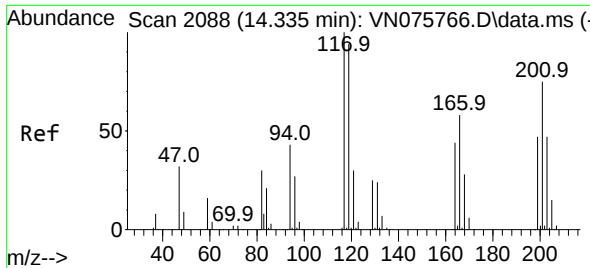
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#89
n-Butylbenzene
Concen: 0.792 ug/l
RT: 14.053 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Tgt Ion: 91 Resp: 6044
Ion Ratio Lower Upper
91 100
92 51.2 26.7 80.1
134 31.4 13.9 41.7





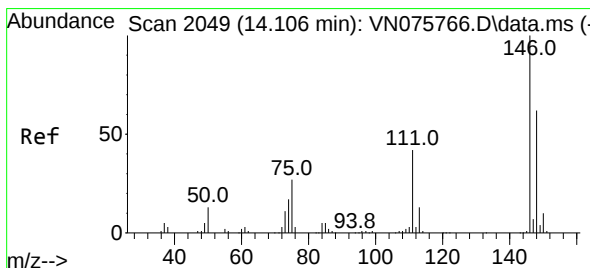
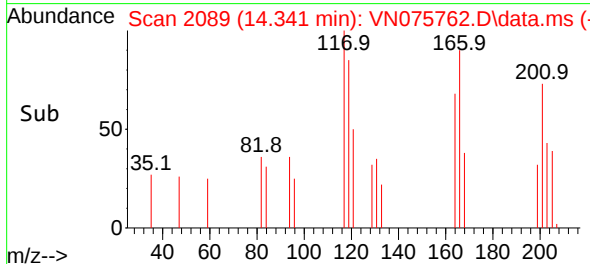
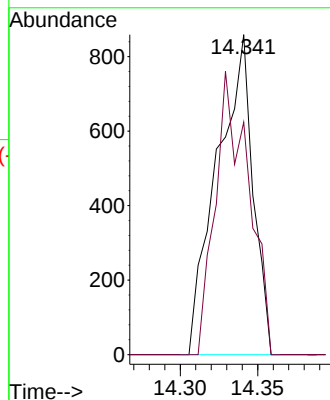
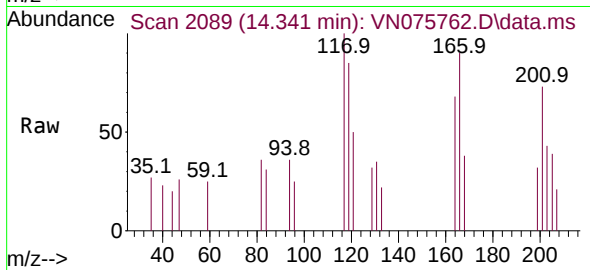
#90
Hexachloroethane
Concen: 0.844 ug/l
RT: 14.341 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 137
Ion Ratio Lower Upper
117 100
201 82.1 39.2 117.6

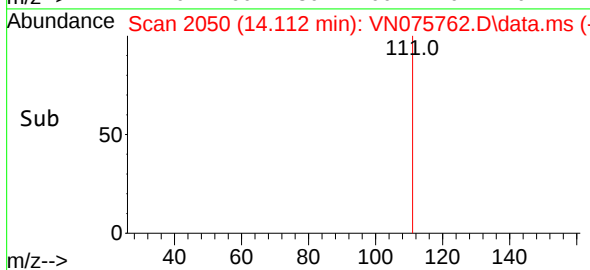
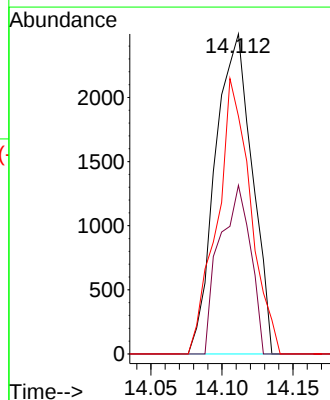
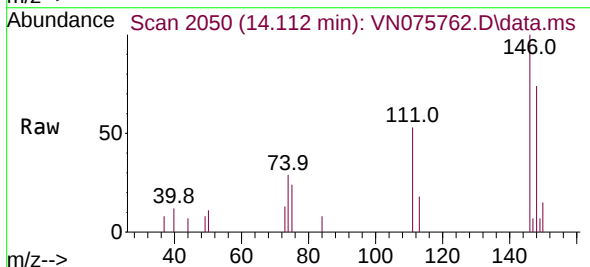
Manual Integrations
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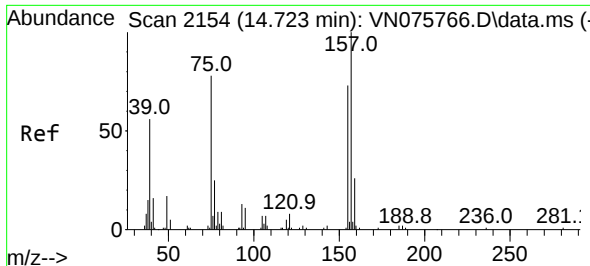
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#91
1,2-Dichlorobenzene
Concen: 0.879 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

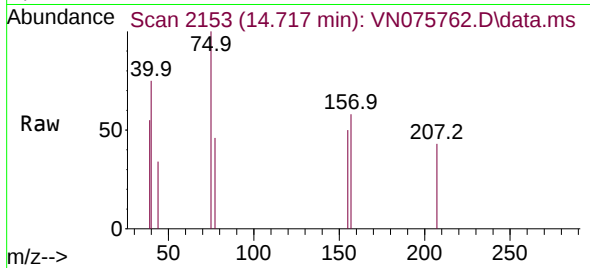
Tgt Ion:146 Resp: 4495
Ion Ratio Lower Upper
146 100
111 44.3 20.1 60.3
148 78.4 31.9 95.5





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.337 ug/l
 RT: 14.717 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

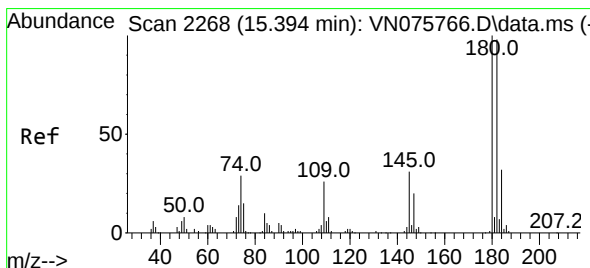
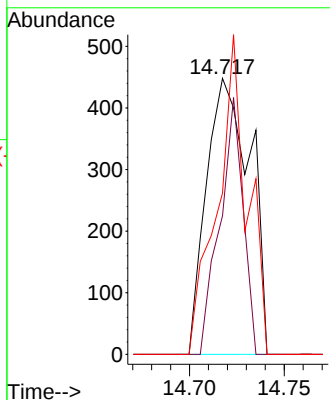
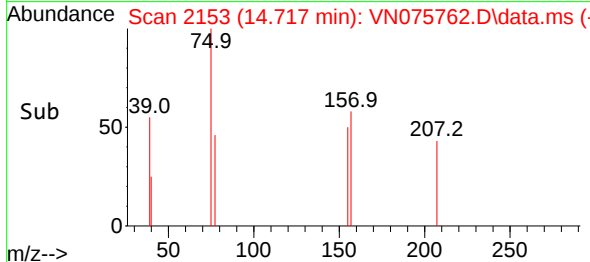
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



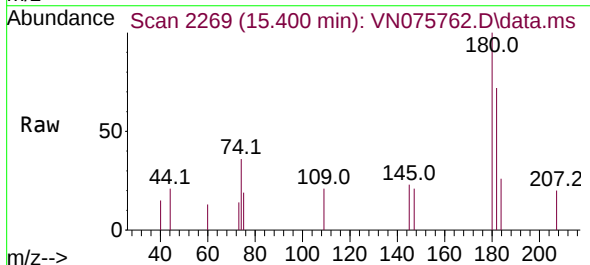
Tgt Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 155 49.1 48.4 145.2
 157 78.8 63.5 190.6

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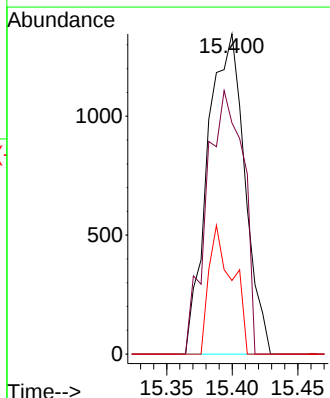
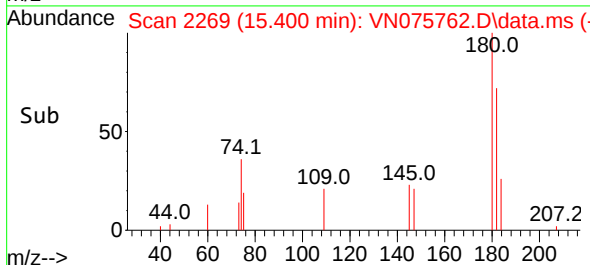
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

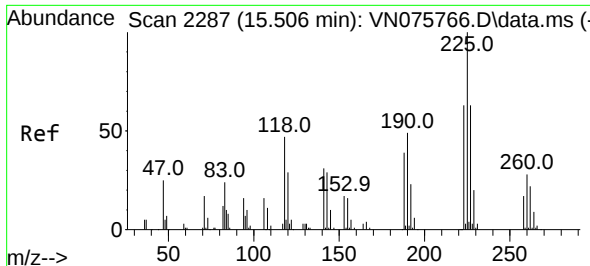


#93
 1,2,4-Trichlorobenzene
 Concen: 1.079 ug/l
 RT: 15.400 min Scan# 2269
 Delta R.T. 0.006 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32



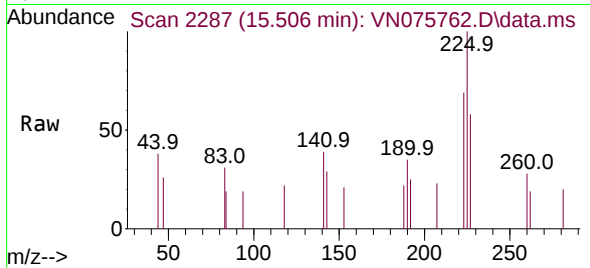
Tgt Ion:180 Resp: 2649
 Ion Ratio Lower Upper
 180 100
 182 81.7 47.1 141.3
 145 25.5 15.2 45.5





#94
Hexachlorobutadiene
Concen: 0.855 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32

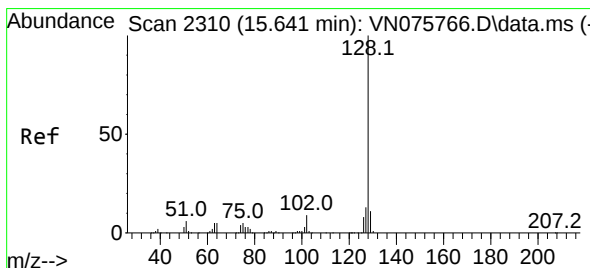
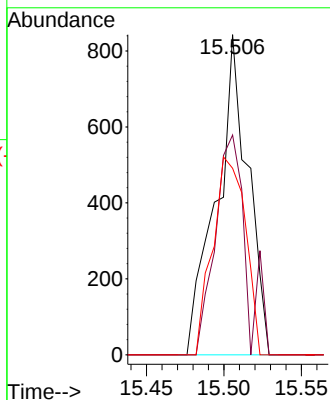
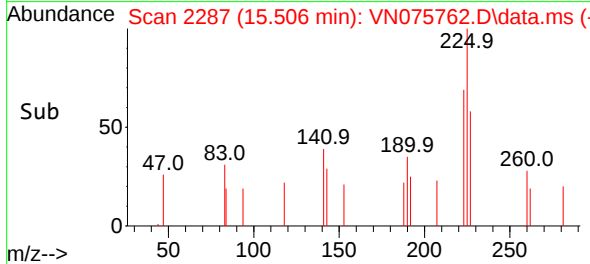
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



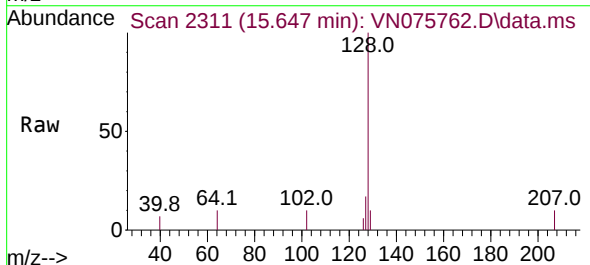
Tgt Ion:225 Resp: 1190
Ion Ratio Lower Upper
225 100
223 66.6 31.4 94.2
227 64.3 31.3 93.9

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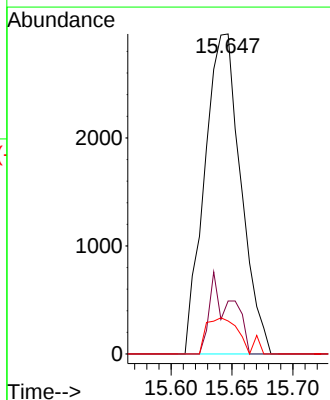
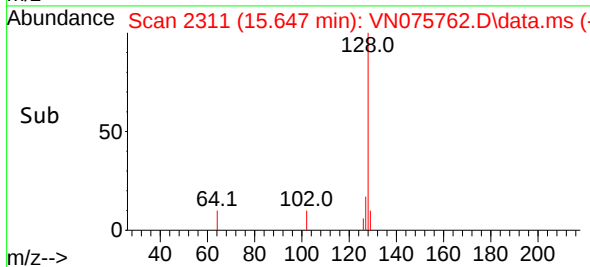
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

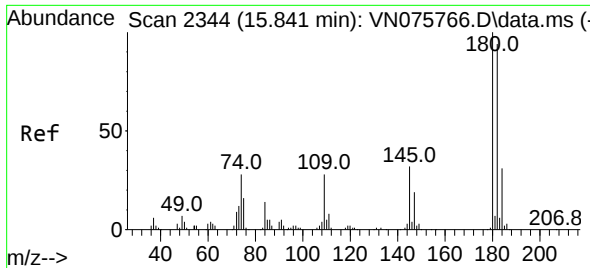


#95
Naphthalene
Concen: 0.845 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075762.D
Acq: 14 Dec 2022 10:32



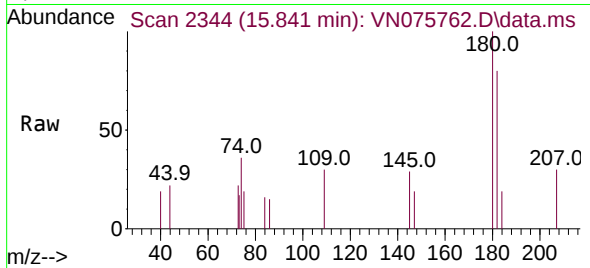
Tgt Ion:128 Resp: 6126
Ion Ratio Lower Upper
128 100
127 15.2 10.2 15.4
129 10.5 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.801 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN075762.D
 Acq: 14 Dec 2022 10:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 193
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.8 140.4
 145 29.6 15.6 46.8

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Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

